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

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : NJ WASTE WATER PT

CHEMTECH CONSULTING GROUP

284 Sheffield St,

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : P3845

ATTENTION : QA Officer

Laboratory Certification ID # 20012

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Cover Page

Order ID : P3845

Project ID : NJ Waste Water PT

Client : Chemtech Consulting Group

Lab Sample Number	Client Sample Number
P3845-01	PT-VOA-WP
P3845-02	PT-VOA-WP
P3845-03	PT-BN-WP
P3845-04	PT-BN-WP
P3845-05	PT-BN-WP
P3845-06	PT-ACIDS-WP
P3845-07	PT-ACIDS-WP
P3845-08	PT-ACIDS-WP
P3845-09	PT-PEST-WP
P3845-10	PT-PEST-WP
P3845-11	PT-CHLR-WP
P3845-12	PT-CHLR-WP
P3845-13	PT-TXP-WP
P3845-14	PT-TXP-WP
P3845-15	PT-PCBW-WP
P3845-16	PT-PCBW-WP
P3845-17	PT-HERB-WP
P3845-18	RR-GAS-WP
P3845-19	RR-DIES-WP
P3845-20	RR-8011-WP
P3845-21	RR-PAH-WP
P3845-22	RR-TRIAZINE-WP

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

Signature : _____

Date: 10/21/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Chemtech Consulting Group
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # P3845
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
22 Water samples were received on 09/05/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide group1, PCB, PESTICIDE Group1, PESTICIDE Group2, PESTICIDE Group3, SVOCMS Group1, SVOCMS Group2, SVOCMS Group3, SVOCMS Group4, SVOCMS Group5, SVOCMS Group6, VOCGC Group 1 and VOCMS Group1. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 625.1,8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BM091424.M) for Benzoic acid , 4,6-Dinitro-2-methylphenol, this compound is passing on Linear Regression and 2,4-Dinitrophenol, is passing on Quadratic regression

The Continuous Calibration met the requirements .
The Tuning criteria met requirements.
Sample PT-ACIDS-WP was diluted due to high concentration.

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E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

F. Manual Integration Comments:

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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

CHEMTECH PROJECT NUMBER: P3845 MATRIX: Water

METHOD: 625.1,8270E/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.		✓	
	The % RSD is greater than 20% in the Initial Calibration (8270-BM091424.M) for Benzoic acid , 4,6-Dinitro-2-methylphenol, this compound is passing on Linear Regression and 2,4-Dinitrophenol, is passing on Quadratic regression The Continuous Calibration met the requirements .			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples .			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Sample PT-ACIDS-WP was diluted due to high concentration.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3845

	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 Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/21/2024

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LAB CHRONICLE

OrderID:	P3845	**OrderDate:**	9/5/2024 2:19:00 PM
Client:	Chemtech Consulting Group	**Project:**	NJ Waste Water PT
Contact:	QA Officer	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3845-03	**PT-BN-WP**	**Water**			**09/03/24**			**09/05/24**
			SVOCMS Group1	8270E		09/12/24	09/16/24	
P3845-03DL	**PT-BN-WPDL**	**Water**			**09/03/24**			**09/05/24**
			SVOCMS Group1	8270E		09/12/24	09/16/24	
P3845-06	**PT-ACIDS-WP**	**Water**			**09/03/24**			**09/05/24**
			SVOCMS Group2	8270E		09/12/24	09/16/24	
P3845-06DL	**PT-ACIDS-WPDL**	**Water**			**09/03/24**			**09/05/24**
			SVOCMS Group2	8270E		09/12/24	09/16/24	

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Hit Summary Sheet
SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-ACIDS-WP								
P3845-06	PT-ACIDS-WP	WATER	Phenol	130.000	E	0.93	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2-Chlorophenol	160.000	E	0.71	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2-Methylphenol	110.000	E	1.1	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2-Nitrophenol	120.000	E	2	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,4-Dimethylphenol	71.500		1.5	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,4-Dichlorophenol	56.400		0.88	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	4-Chloro-3-methylphenol	150.000	E	0.84	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,4,6-Trichlorophenol	170.000	E	0.89	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,4,5-Trichlorophenol	59.000		1	5	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,4-Dinitrophenol	180.000	E	6.4	10	ug/L
P3845-06	PT-ACIDS-WP	WATER	4-Nitrophenol	170.000	E	2	10	ug/L
P3845-06	PT-ACIDS-WP	WATER	4,6-Dinitro-2-methylphenol	140.000	E	3.1	10	ug/L
P3845-06	PT-ACIDS-WP	WATER	Pentachlorophenol	43.300		1.9	10	ug/L
P3845-06	PT-ACIDS-WP	WATER	2,3,4,6-Tetrachlorophenol	120.000	E	0.79	5	ug/L
			Total Svoc :	**1,680.20**				
			Total Concentration:	**1,680.20**				
Client ID : PT-ACIDS-WPDL								
P3845-06DL	PT-ACIDS-WPDL	WATER	Phenol	110.000	D	4.7	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2-Chlorophenol	140.000	D	3.6	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2-Methylphenol	100.000	D	5.7	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2-Nitrophenol	98.800	D	9.8	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,4-Dimethylphenol	63.800	D	7.6	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,4-Dichlorophenol	49.500	D	4.4	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	4-Chloro-3-methylphenol	140.000	D	4.2	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,4,6-Trichlorophenol	140.000	D	4.5	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,4,5-Trichlorophenol	58.300	D	5.1	25	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,4-Dinitrophenol	110.000	D	32.1	50	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	4-Nitrophenol	150.000	D	10	50	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	4,6-Dinitro-2-methylphenol	100.000	D	15.4	50	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	Pentachlorophenol	32.000	JD	9.3	50	ug/L
P3845-06DL	PT-ACIDS-WPDL	WATER	2,3,4,6-Tetrachlorophenol	98.700	D	4	25	ug/L
			Total Svoc :	**1,391.10**				
			Total Concentration:	**1,391.10**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3845-06	PT-ACIDS-WP	2-Fluorophenol	150	141	94		10	139
		Phenol-d6	150	140	93		10	134
		2,4,6-Tribromophenol	150	148	98		44	137
P3845-06DL	PT-ACIDS-WPDL	2-Fluorophenol	150	123	82		10	139
		Phenol-d6	150	124	83		10	134
		2,4,6-Tribromophenol	150	127	85		44	137
PB163318BL	PB163318BL	2-Fluorophenol	150	124	83		10	139
		Phenol-d6	150	109	73		10	134
		2,4,6-Tribromophenol	150	107	71		44	137
PB163318BS	PB163318BS	2-Fluorophenol	150	156	104		10	139
		Phenol-d6	150	140	93		10	134
		2,4,6-Tribromophenol	150	142	95		44	137
PB163318BSD	PB163318BSD	2-Fluorophenol	150	153	102		10	139
		Phenol-d6	150	139	92		10	134
		2,4,6-Tribromophenol	150	142	95		44	137

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8270E **DataFile:** BM047568.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163318BS	Phenol	50	46.2	ug/L	92				66	118	
	2-Chlorophenol	50	45.3	ug/L	91				70	117	
	2-Methylphenol	50	44.5	ug/L	89				69	109	
	3+4-Methylphenols	50	43.7	ug/L	87				67	106	
	2-Nitrophenol	50	50.1	ug/L	100				70	115	
	2,4-Dimethylphenol	50	57.0	ug/L	114				42	142	
	2,4-Dichlorophenol	50	46.6	ug/L	93				66	115	
	Benzoic acid	50	42.6	ug/L	85				10	125	
	4-Chloro-3-methylphenol	50	44.9	ug/L	90				65	114	
	2,4,6-Trichlorophenol	50	49.2	ug/L	98				61	110	
	2,4,5-Trichlorophenol	50	47.7	ug/L	95				70	106	
	2,4-Dinitrophenol	100	82.7	ug/L	83				36	166	
	4-Nitrophenol	100	110	ug/L	110				45	147	
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90				62	132	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	2,3,4,6-Tetrachlorophenol	50	46.4	ug/L	93				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8270E **DataFile:** BM047569.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163318BSD	Phenol	50	45.6	ug/L	91	1			66	118	20
	2-Chlorophenol	50	45.1	ug/L	90	0			70	117	20
	2-Methylphenol	50	44.4	ug/L	89	0			69	109	20
	3+4-Methylphenols	50	42.9	ug/L	86	2			67	106	20
	2-Nitrophenol	50	50.6	ug/L	101	1			70	115	20
	2,4-Dimethylphenol	50	57.5	ug/L	115	1			42	142	20
	2,4-Dichlorophenol	50	46.9	ug/L	94	1			66	115	20
	Benzoic acid	50	42.0	ug/L	84	1			10	125	20
	4-Chloro-3-methylphenol	50	44.8	ug/L	90	0			65	114	20
	2,4,6-Trichlorophenol	50	50.4	ug/L	101	2			61	110	20
	2,4,5-Trichlorophenol	50	47.6	ug/L	95	0			70	106	20
	2,4-Dinitrophenol	100	82.2	ug/L	82	1			36	166	20
	4-Nitrophenol	100	110	ug/L	110	0			45	147	20
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90	0			62	132	20
	Pentachlorophenol	100	110	ug/L	110	10			47	114	20
	2,3,4,6-Tetrachlorophenol	50	46.4	ug/L	93	0			63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163318BL

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Lab File ID: BM047567.D Lab Sample ID: PB163318BL

Instrument ID: BNA_M Date Extracted: 09/12/2024

Matrix: (soil/water) Water Date Analyzed: 09/19/2024

Level: (low/med) LOW Time Analyzed: 12:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163318BS	PB163318BS	BM047568.D	09/19/2024
PB163318BSD	PB163318BSD	BM047569.D	09/19/2024
PT-ACIDS-WP	P3845-06	BF139379.D	09/16/2024

COMMENTS:

Form IV SV

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM SAS No.: P3845 SDG NO.: P3845

Lab File ID: BF139344.D DFTPP Injection Date: 09/13/2024

Instrument ID: BNA_F DFTPP Injection Time: 14:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51.4
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	50.8
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	7
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.5 (20.2) 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	BF139345.D	09/13/2024	14:32
SSTDICC005	SSTDICC005	BF139346.D	09/13/2024	15:00
SSTDICC010	SSTDICC010	BF139347.D	09/13/2024	15:28
SSTDICC020	SSTDICC020	BF139348.D	09/13/2024	15:57
SSTDICCC040	SSTDICCC040	BF139349.D	09/13/2024	16:53
SSTDICC050	SSTDICC050	BF139350.D	09/13/2024	17:51
SSTDICC060	SSTDICC060	BF139351.D	09/13/2024	18:48
SSTDICC080	SSTDICC080	BF139352.D	09/13/2024	19:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM SAS No.: P3845 SDG NO.: P3845

Lab File ID: BF139376.D DFTPP Injection Date: 09/16/2024

Instrument ID: BNA_F DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.9
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	43
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.7
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	6.6
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16 (19.5) 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	BF139377.D	09/16/2024	10:36
PT-ACIDS-WP	P3845-06	BF139379.D	09/16/2024	12:35
PT-ACIDS-WPDL	P3845-06DL	BF139380.D	09/16/2024	13:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM SAS No.: P3845 SDG NO.: P3845

Lab File ID: BM047519.D DFTPP Injection Date: 09/14/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.9
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.2
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	22.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	8.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10 (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	BM047520.D	09/14/2024	11:57
SSTDICC005	SSTDICC005	BM047521.D	09/14/2024	12:36
SSTDICC010	SSTDICC010	BM047522.D	09/14/2024	13:16
SSTDICC020	SSTDICC020	BM047523.D	09/14/2024	13:55
SSTDICCC040	SSTDICCC040	BM047524.D	09/14/2024	14:35
SSTDICC050	SSTDICC050	BM047525.D	09/14/2024	15:14
SSTDICC060	SSTDICC060	BM047526.D	09/14/2024	15:54
SSTDICC080	SSTDICC080	BM047527.D	09/14/2024	16:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM SAS No.: P3845 SDG NO.: P3845

Lab File ID: BM047565.D DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_M DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	48.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	56.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	9.9 (18.8) 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	BM047566.D	09/19/2024	11:49
PB163318BL	PB163318BL	BM047567.D	09/19/2024	12:35
PB163318BS	PB163318BS	BM047568.D	09/19/2024	13:15
PB163318BSD	PB163318BSD	BM047569.D	09/19/2024	13:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/16/2024

Lab File ID: BF139377.D Time Analyzed: 10:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	66091	6.881	230944	8.16	122358	9.92
	UPPER LIMIT	132182	7.381	461888	8.663	244716	10.416
	LOWER LIMIT	33045.5	6.381	115472	7.663	61179	9.416
	EPA SAMPLE NO.						
01	PT-ACIDS-WP	51774	6.88	193300	8.16	107677	9.91
02	PT-ACIDS-WPDL	53717	6.88	197693	8.16	111417	9.91

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/16/2024

Lab File ID: BF139377.D Time Analyzed: 10:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	221286	11.398	116037	14.033	120558	15.498
	UPPER LIMIT	442572	11.898	232074	14.533	241116	15.998
	LOWER LIMIT	110643	10.898	58018.5	13.533	60279	14.998
	EPA SAMPLE NO.						
01	PT-ACIDS-WP	200595	11.39	138722	14.03	119413	15.50
02	PT-ACIDS-WPDL	205713	11.39	127464	14.03	107390	15.50

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/19/2024

Lab File ID: BM047566.D Time Analyzed: 11:49

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	406101	7.839	1674500	10.64	905170	14.47
	UPPER LIMIT	812202	8.339	3349000	11.139	1810340	14.974
	LOWER LIMIT	203051	7.339	837250	10.139	452585	13.974
	EPA SAMPLE NO.						
01	PB163318BL	353821	7.84	1340230	10.63	659710	14.47
02	PB163318BS	304822	7.84	1201950	10.64	615193	14.47
03	PB163318BSD	312652	7.85	1211920	10.64	613404	14.47

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/19/2024

Lab File ID: BM047566.D Time Analyzed: 11:49

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1699870	17.209	1491890	21.433	1457820	24.462
	UPPER LIMIT	3399740	17.709	2983780	21.933	2915640	24.962
	LOWER LIMIT	849935	16.709	745945	20.933	728910	23.962
	EPA SAMPLE NO.						
01	PB163318BL	1165230	17.21	864552	21.43	939242	24.46
02	PB163318BS	1066010	17.21	844898	21.43	808669	24.46
03	PB163318BSD	1048550	17.21	835988	21.43	806711	24.46

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

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-ACIDS-WP	SDG No.:	P3845
Lab Sample ID:	P3845-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BF139379.D	1	09/12/24 08:40	09/16/24 12:35	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	130	E	0.93	5.00	ug/L
95-57-8	2-Chlorophenol	160	E	0.71	5.00	ug/L
95-48-7	2-Methylphenol	110	E	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
88-75-5	2-Nitrophenol	120	E	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	71.5		1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	56.4		0.88	5.00	ug/L
65-85-0	Benzoic acid	5.50	U	5.50	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	150	E	0.84	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	170	E	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	59.0		1.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	180	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	170	E	2.00	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	140	E	3.10	10.0	ug/L
87-86-5	Pentachlorophenol	43.3		1.90	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	120	E	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	141		10 - 139	94%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
118-79-6	2,4,6-Tribromophenol	148		44 - 137	98%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51800	6.875			
1146-65-2	Naphthalene-d8	193000	8.157			
15067-26-2	Acenaphthene-d10	108000	9.91			
1517-22-2	Phenanthrene-d10	201000	11.392			
1719-03-5	Chrysene-d12	139000	14.027			
1520-96-3	Perylene-d12	119000	15.498			

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-ACIDS-WP	SDG No.:	P3845
Lab Sample ID:	P3845-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BF139379.D	1	09/12/24 08:40	09/16/24 12:35	PB163318

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_F\Data\BF091624\
Data File : BF139379.D
Acq On : 16 Sep 2024 12:35
Operator : RC/JU
Sample : P3845-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Quant Time: Sep 16 12:57:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

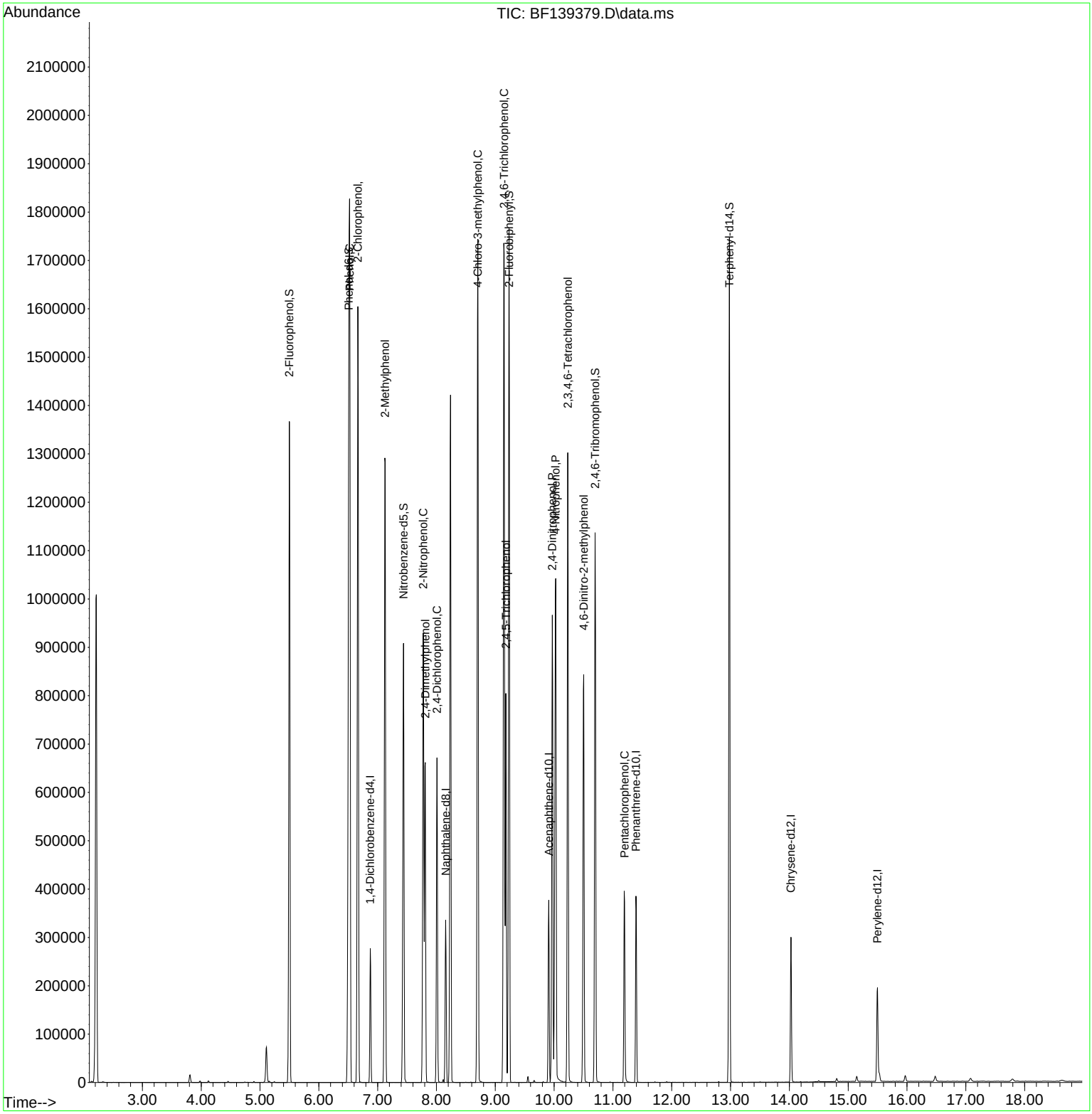
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51774	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	193300	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	107677	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	200595	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138722	20.000	ng	0.00
86) Perylene-d12	15.498	264	119413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	448416	141.291	ng	0.00
7) Phenol-d6	6.510	99	582835	139.913	ng	0.00
23) Nitrobenzene-d5	7.439	82	395713	96.239	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169118	147.527	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	747786	97.401	ng	0.00
79) Terphenyl-d14	12.980	244	822499	97.320	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.663	128	514603	157.519	ng	99
10) Phenol	6.528	94	539339	127.122	ng	95
17) 2-Methylphenol	7.128	107	296607	114.273	ng	98
26) 2-Nitrophenol	7.775	139	191665	116.251	ng	100
27) 2,4-Dimethylphenol	7.810	122	155591	71.542	ng	97
29) 2,4-Dichlorophenol	8.010	162	155850	56.409	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	489395	154.993	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	345587	166.453	ng	98
44) 2,4,5-Trichlorophenol	9.180	196	129206	58.997	ng	97
54) 2,4-Dinitrophenol	9.969	184	154711	177.339	ng	93
56) 4-Nitrophenol	10.027	139	224704	173.559	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209244	115.499	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	144332	136.328	ng	95
70) Pentachlorophenol	11.198	266	60650	43.325	ng	98

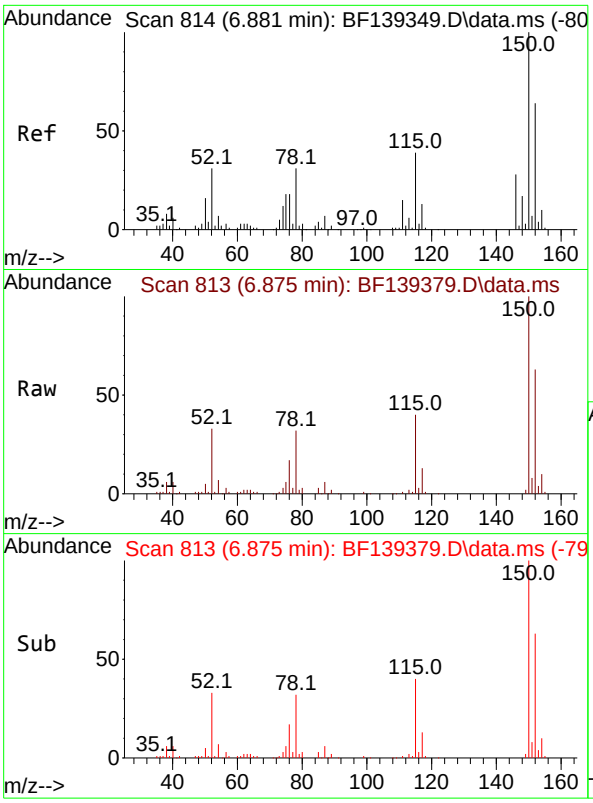
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139379.D
Acq On : 16 Sep 2024 12:35
Operator : RC/JU
Sample : P3845-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Quant Time: Sep 16 12:57:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



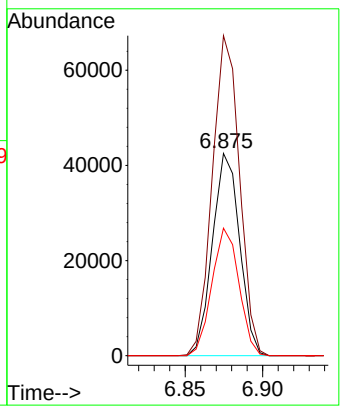


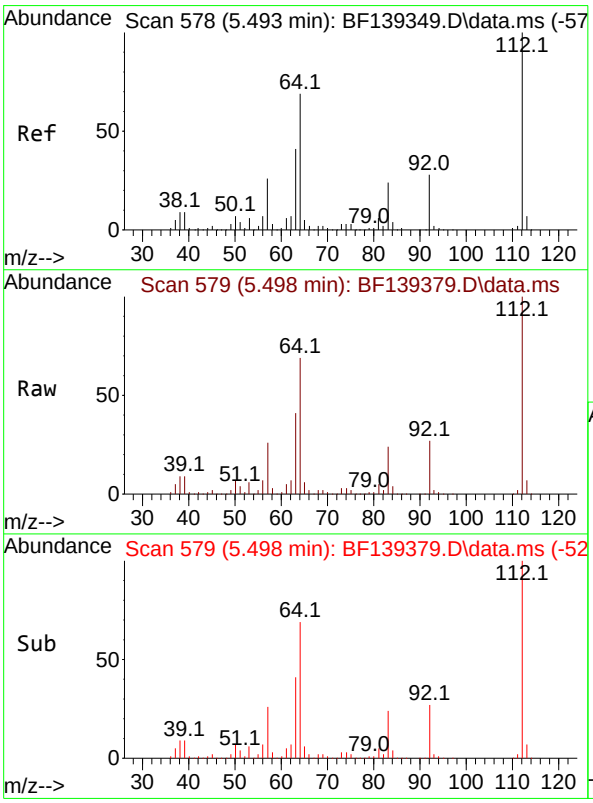
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 51774

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.1	186.1
115	63.1	48.1	72.1

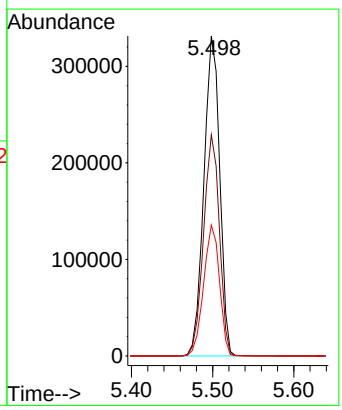


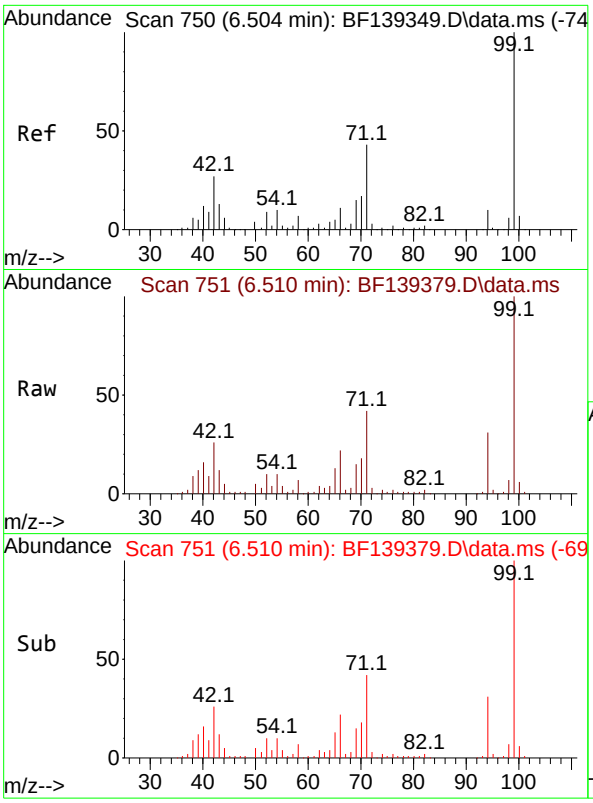


#5
2-Fluorophenol
Concen: 141.291 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:112 Resp: 448416

Ion	Ratio	Lower	Upper
112	100		
64	69.1	54.8	82.2
63	40.9	33.0	49.4



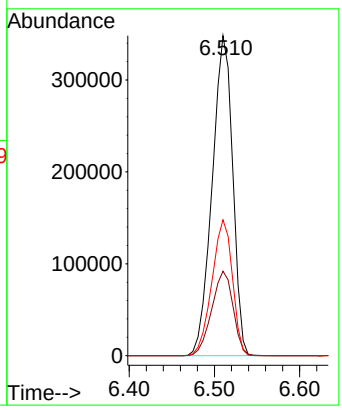


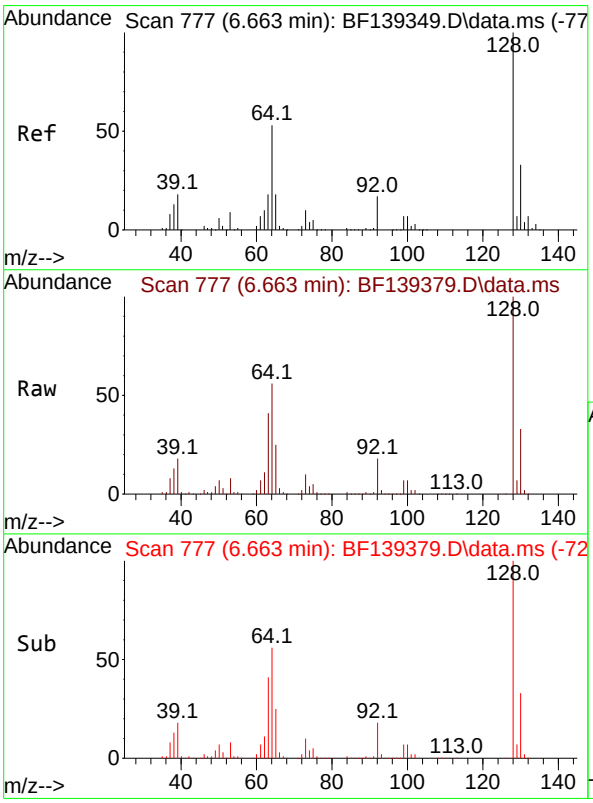
#7
Phenol-d6
Concen: 139.913 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 582835

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.9	32.9
71	42.5	34.6	52.0

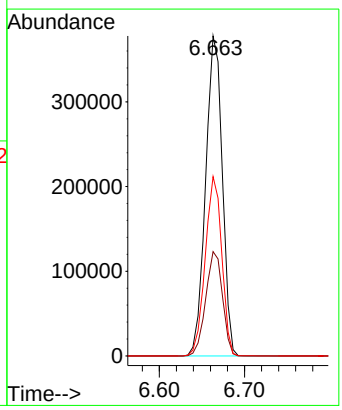


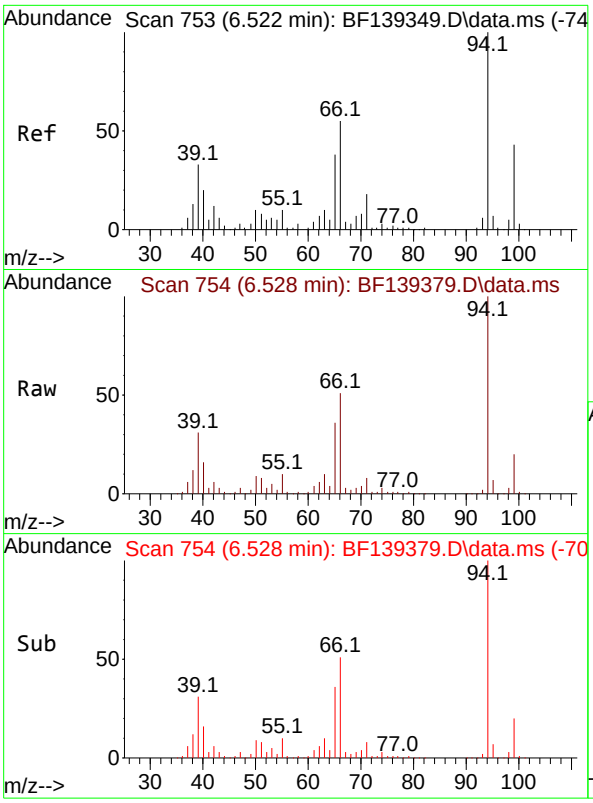


#8
2-Chlorophenol
Concen: 157.519 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:128 Resp: 514603

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	56.1	35.1	75.1



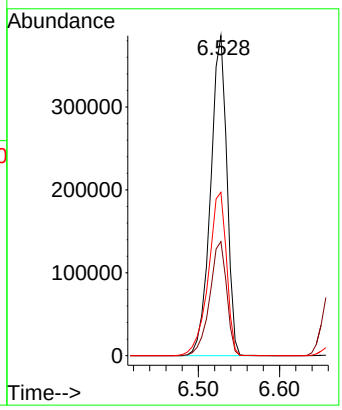


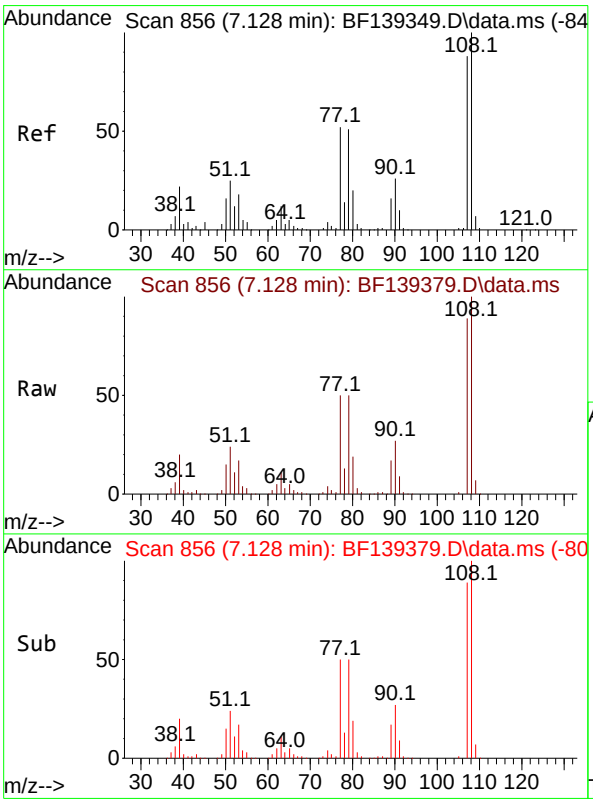
#10
Phenol
Concen: 127.122 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 539339

Ion	Ratio	Lower	Upper
94	100		
65	35.7	17.6	57.6
66	51.1	35.2	75.2

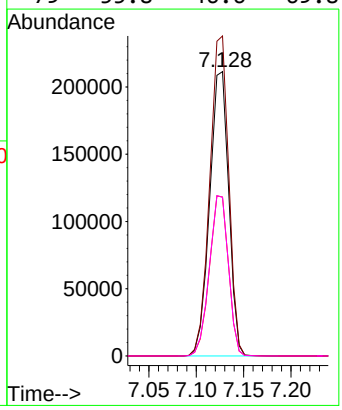


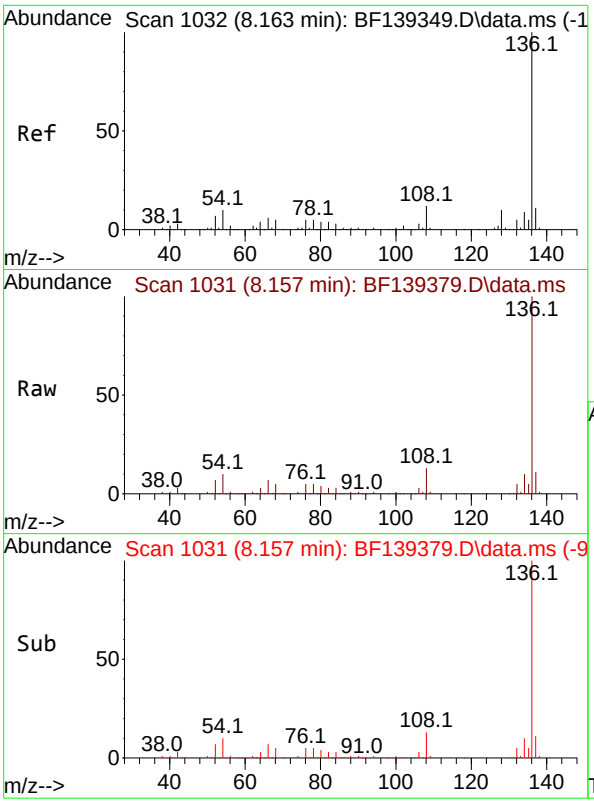


#17
2-Methylphenol
Concen: 114.273 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:107 Resp: 296607

Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.5	135.7
77	55.9	47.1	70.7
79	55.8	46.6	69.8



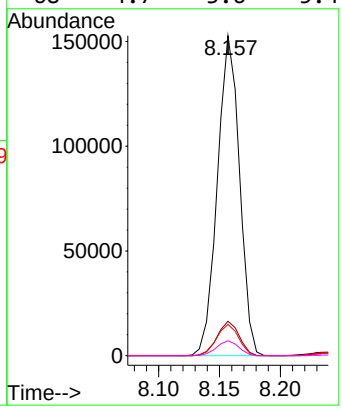


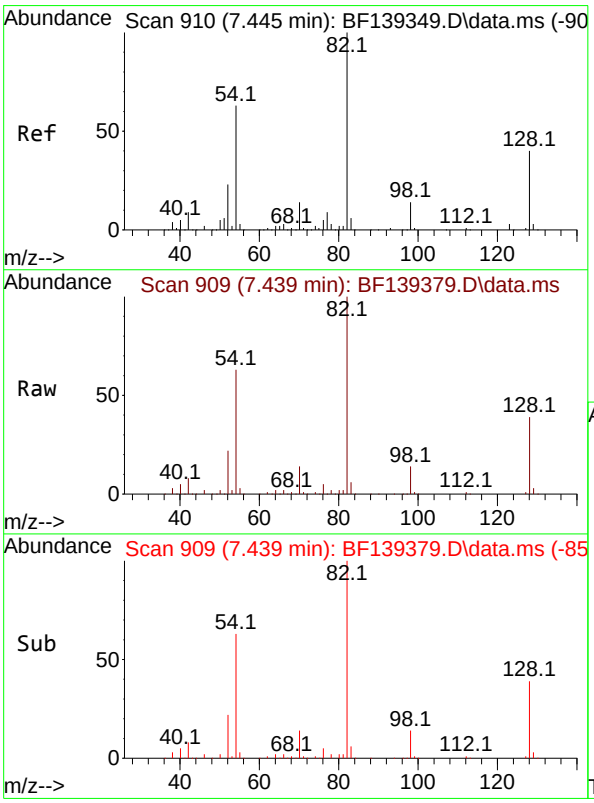
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:136 Resp: 193300

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	7.8	11.8
68	4.7	3.6	5.4

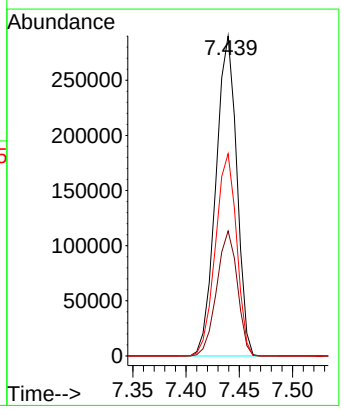


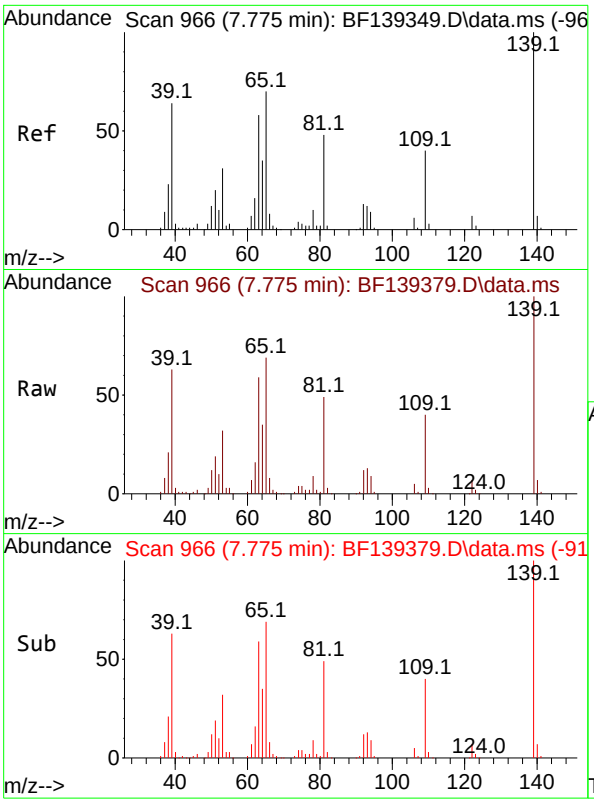


#23
Nitrobenzene-d5
Concen: 96.239 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion: 82 Resp: 395713

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	63.2	50.6	75.8



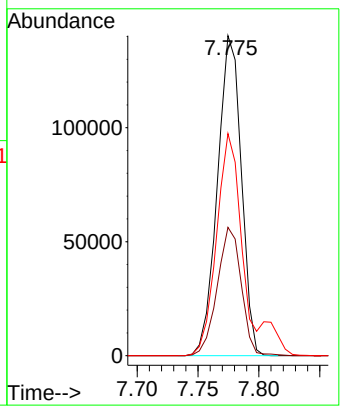


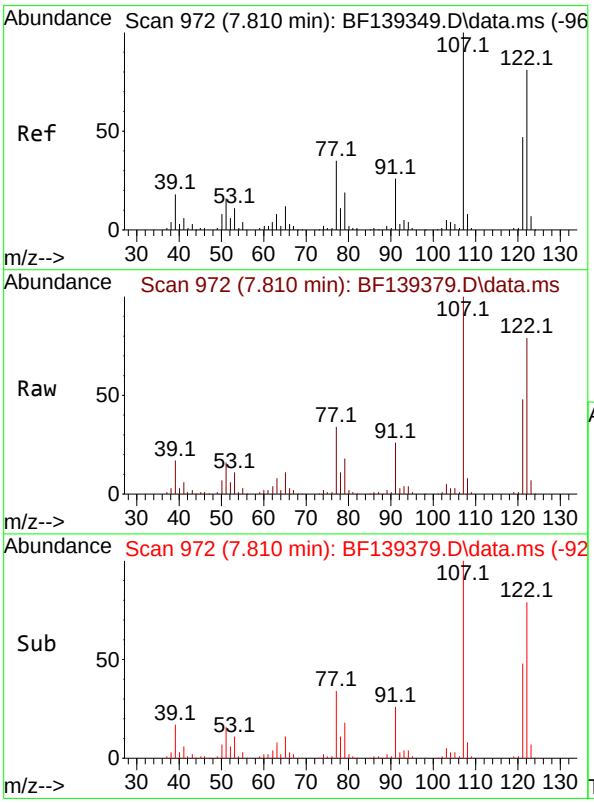
#26
2-Nitrophenol
Concen: 116.251 ng
RT: 7.775 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 191665

Ion	Ratio	Lower	Upper
139	100		
109	40.1	32.2	48.2
65	69.4	55.8	83.8

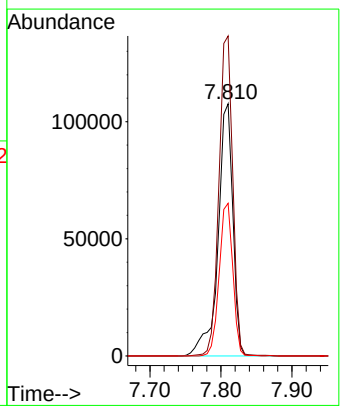


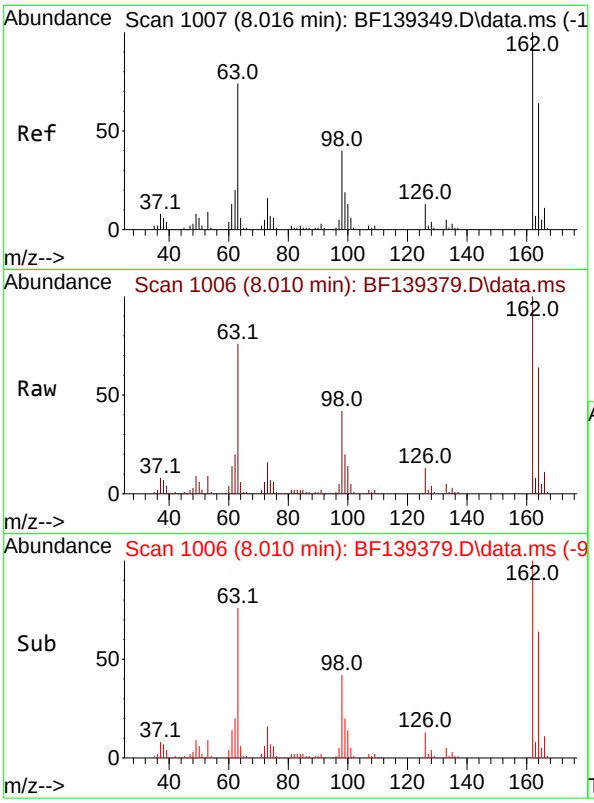


#27
2,4-Dimethylphenol
Concen: 71.542 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:122 Resp: 155591

Ion	Ratio	Lower	Upper
122	100		
107	126.9	99.1	148.7
121	60.5	46.6	70.0



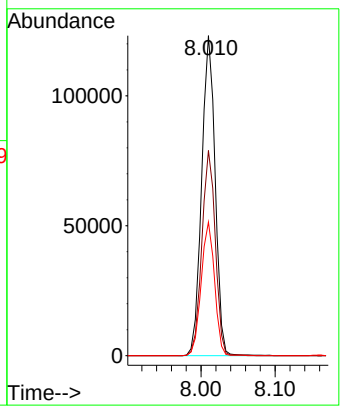


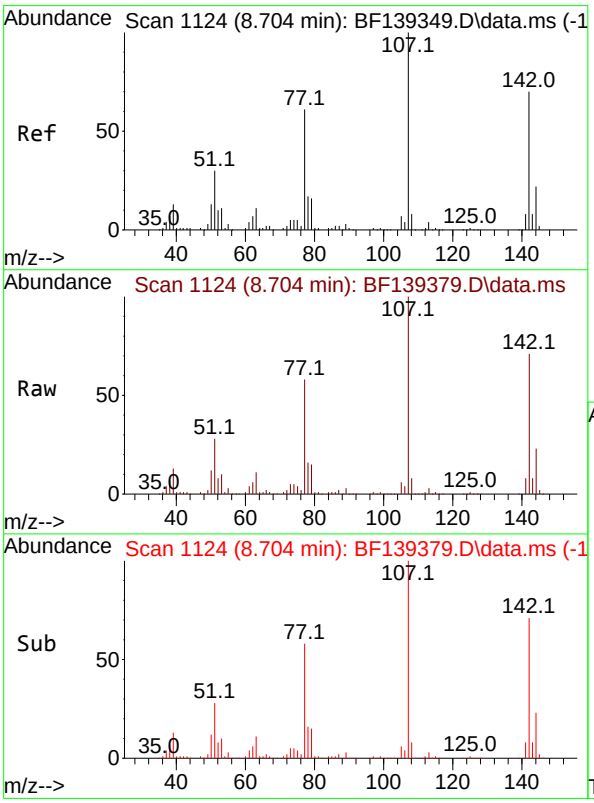
#29
2,4-Dichlorophenol
Concen: 56.409 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:162 Resp: 155850

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	41.7	19.7	59.7

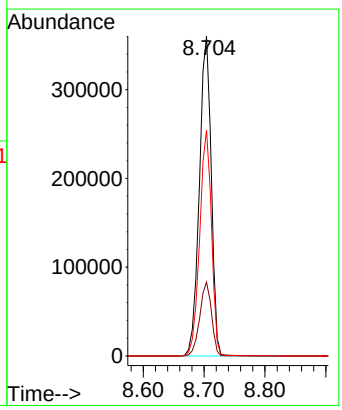


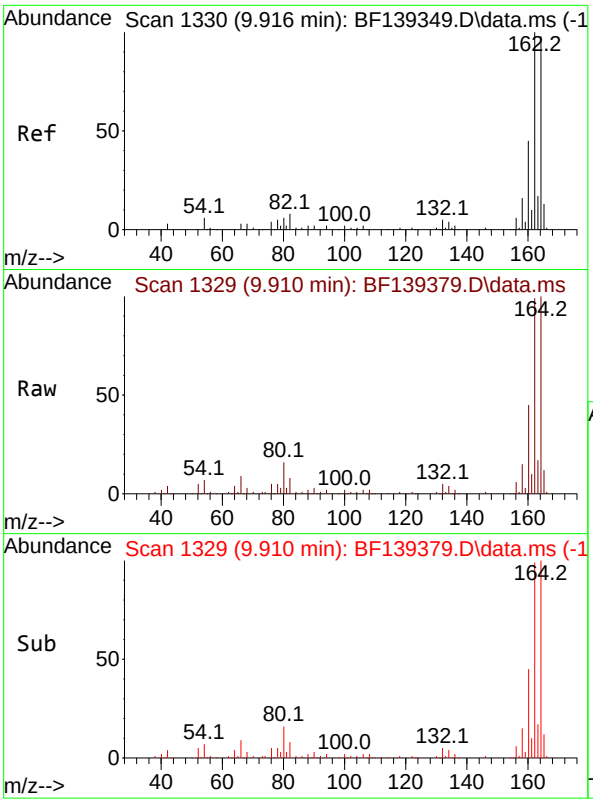


#36
4-Chloro-3-methylphenol
Concen: 154.993 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:107 Resp: 489395

Ion	Ratio	Lower	Upper
107	100		
144	23.0	17.5	26.3
142	70.5	55.8	83.8



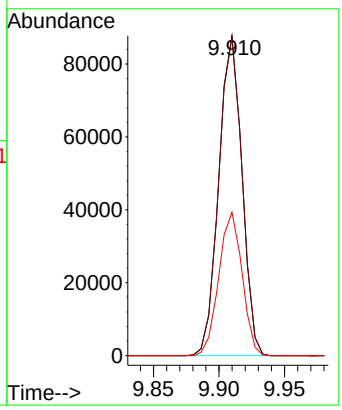


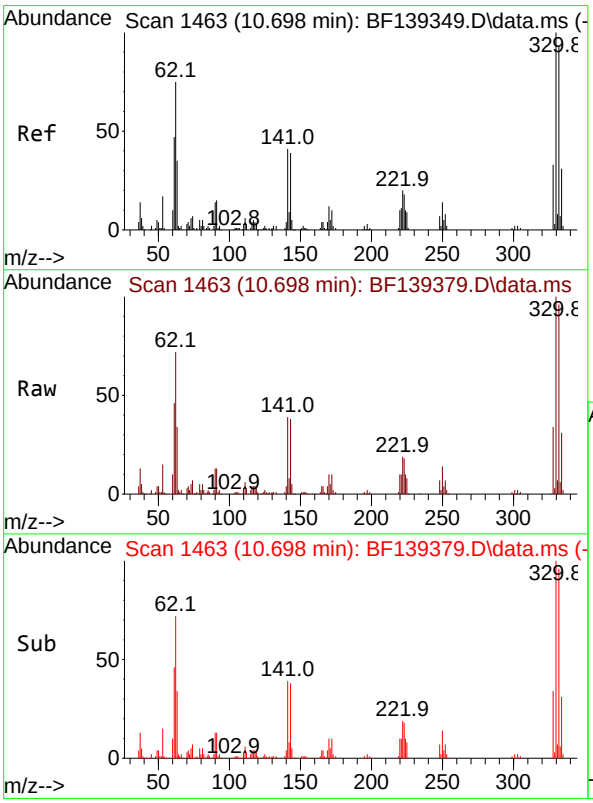
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:164 Resp: 107677

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.3	121.9
160	44.8	36.4	54.6

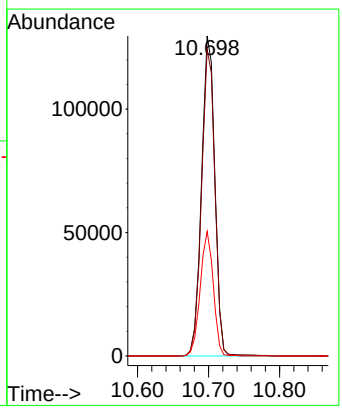


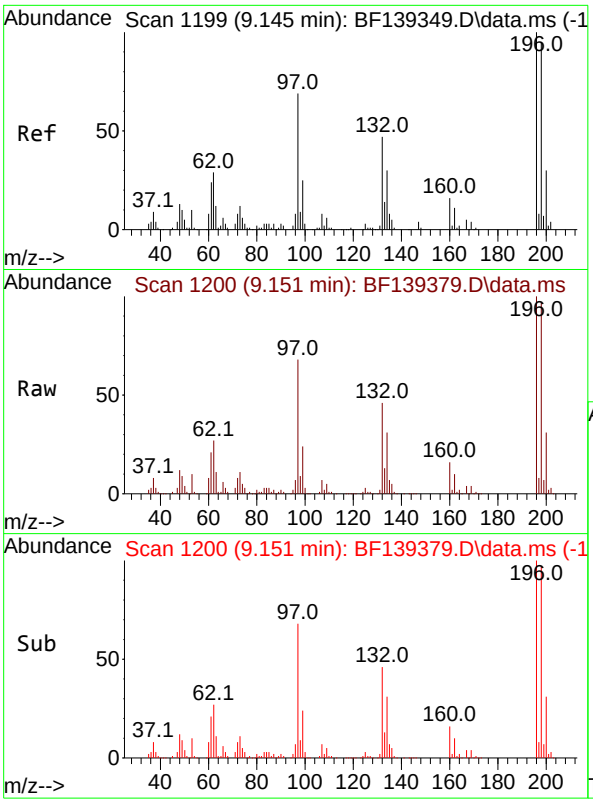


#42
2,4,6-Tribromophenol
Concen: 147.527 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:330 Resp: 169118

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.2	112.8
141	38.3	31.2	46.8



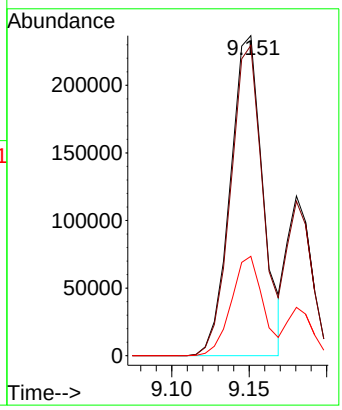


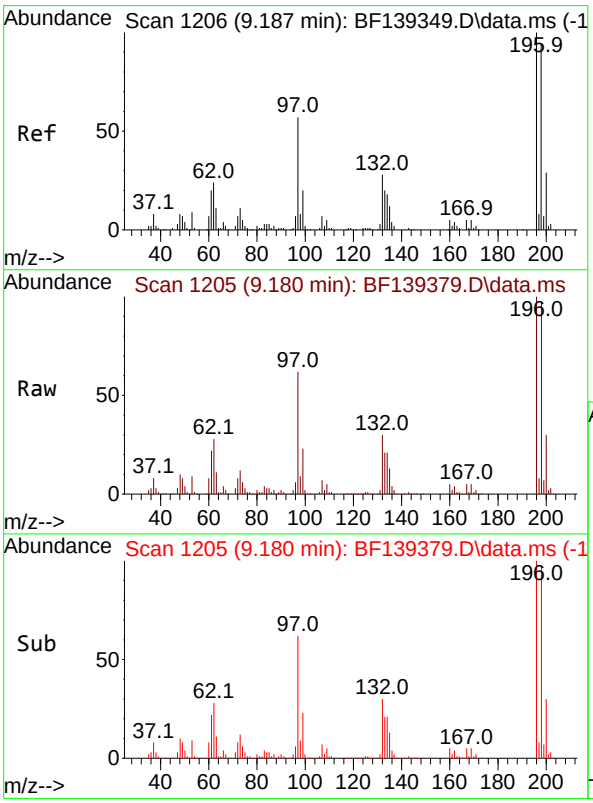
#43
2,4,6-Trichlorophenol
Concen: 166.453 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 345587

Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.8	113.6
200	31.0	24.1	36.1

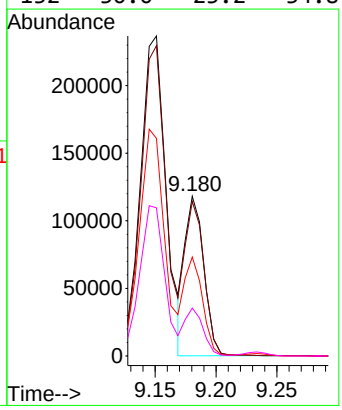


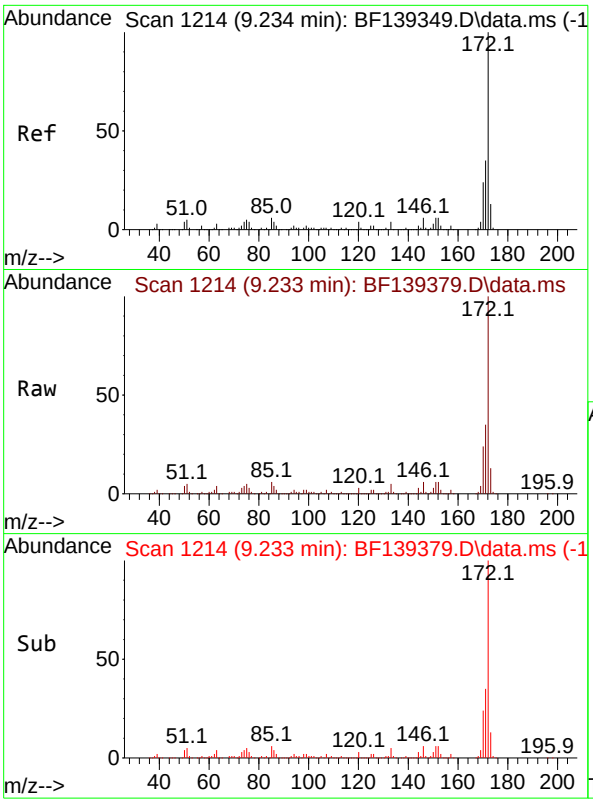


#44
2,4,5-Trichlorophenol
Concen: 58.997 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:196 Resp: 129206

Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.8	112.2
97	61.9	47.3	70.9
132	30.0	23.2	34.8



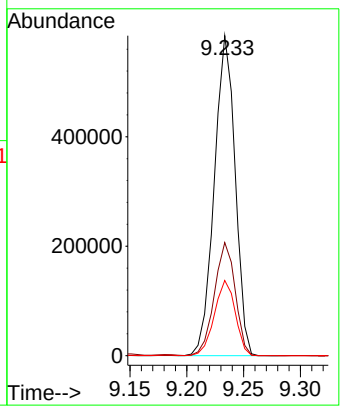


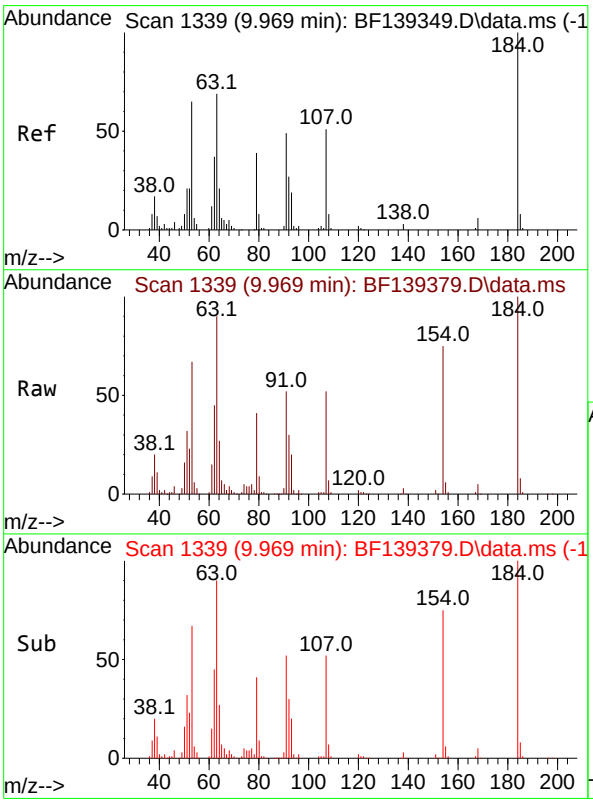
#45
2-Fluorobiphenyl
Concen: 97.401 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:172 Resp: 747786

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.5	19.0	28.6

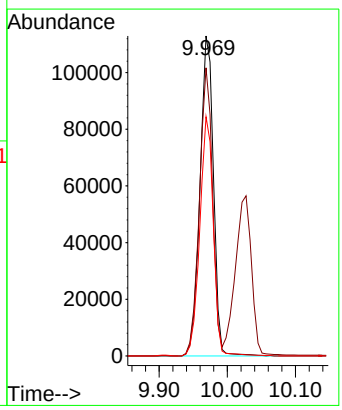


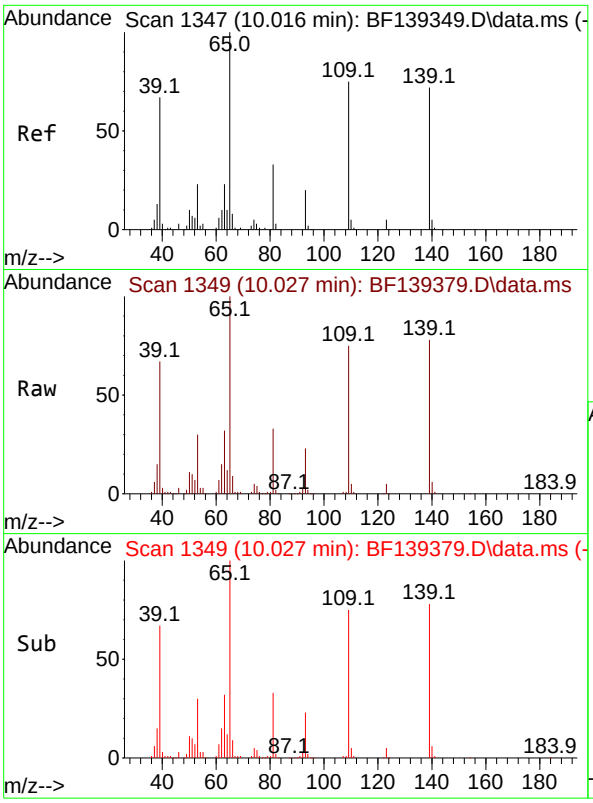


#54
2,4-Dinitrophenol
Concen: 177.339 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:184 Resp: 154711

Ion	Ratio	Lower	Upper
184	100		
63	90.0	69.3	103.9
154	74.7	67.5	101.3



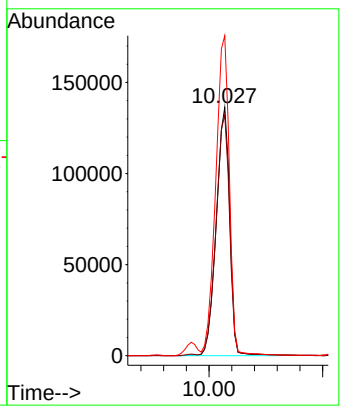


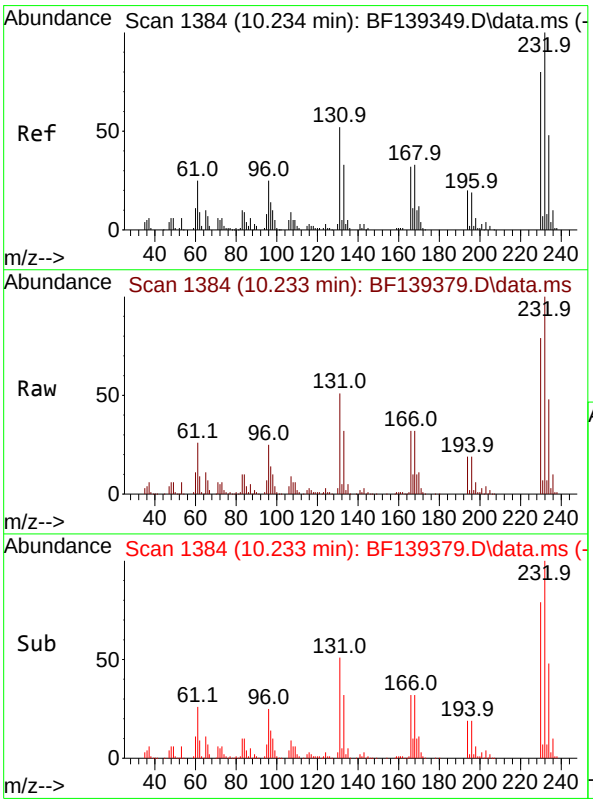
#56
4-Nitrophenol
Concen: 173.559 ng
RT: 10.027 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 224704

Ion	Ratio	Lower	Upper
139	100		
109	97.0	84.1	124.1
65	128.9	120.0	160.0

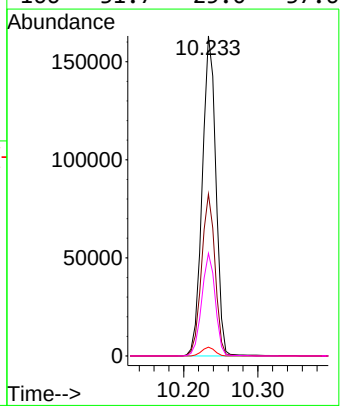


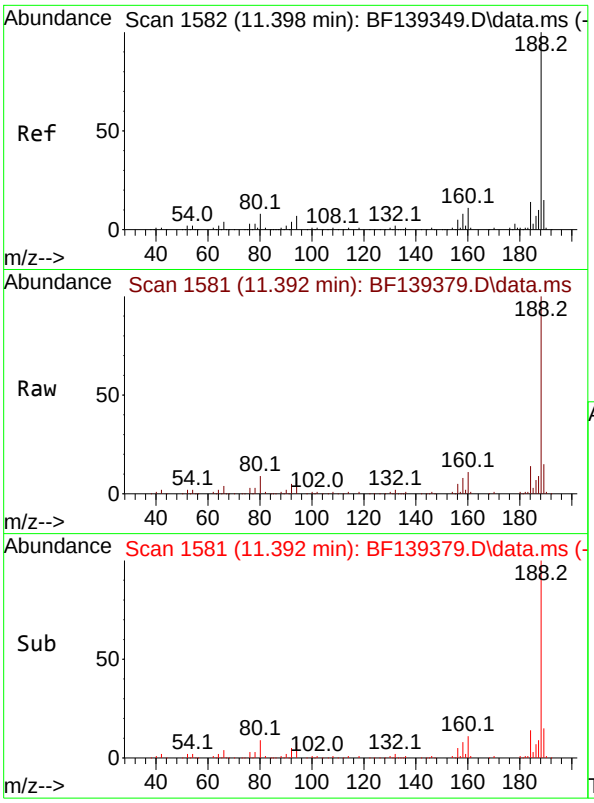


#59
2,3,4,6-Tetrachlorophenol
Concen: 115.499 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:232 Resp: 209244

Ion	Ratio	Lower	Upper
232	100		
131	50.1	40.7	61.1
130	2.6	2.2	3.2
166	31.7	25.0	37.6



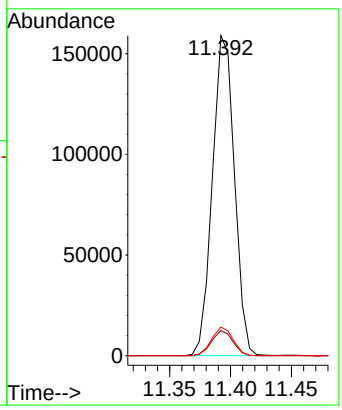


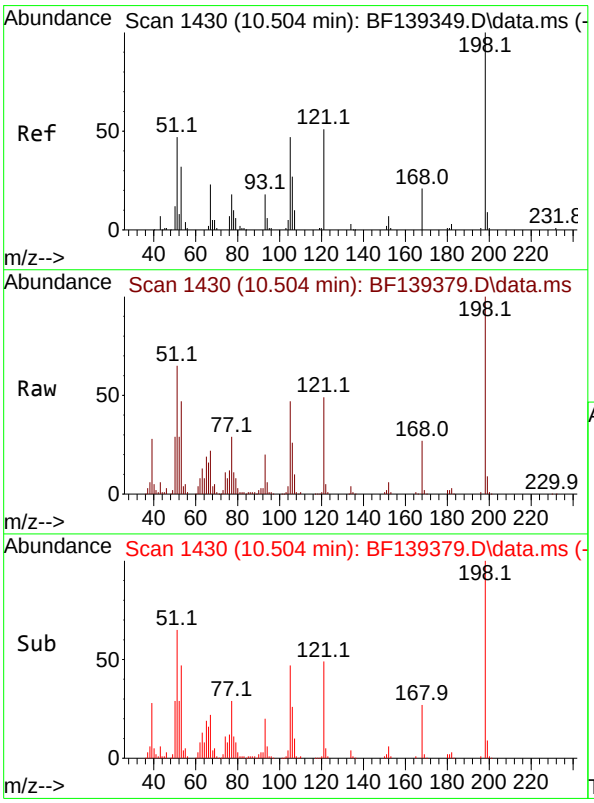
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:188 Resp: 200595

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.5	8.3
80	9.0	6.6	9.8

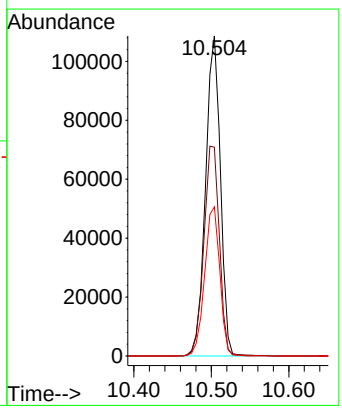


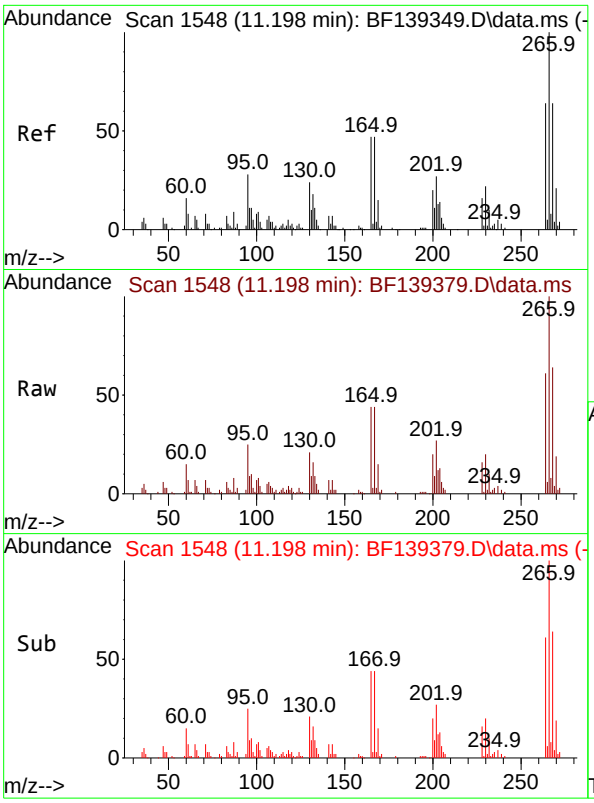


#65
4,6-Dinitro-2-methylphenol
Concen: 136.328 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:198 Resp: 144332

Ion	Ratio	Lower	Upper
198	100		
51	65.3	50.4	90.4
105	46.6	28.3	68.3



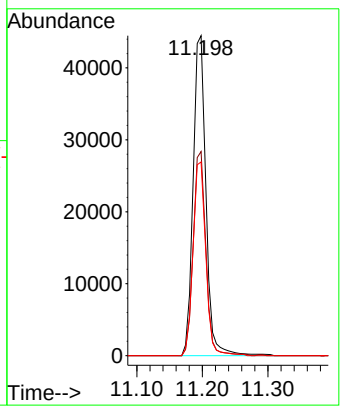


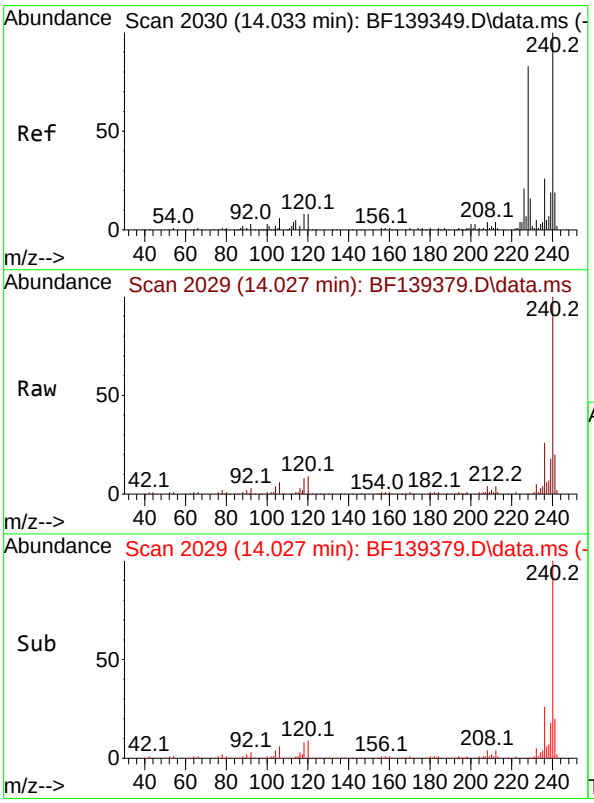
#70
Pentachlorophenol
Concen: 43.325 ng
RT: 11.198 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:266 Resp: 60650

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	60.6	51.4	77.0

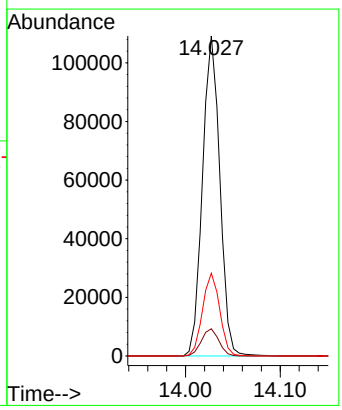


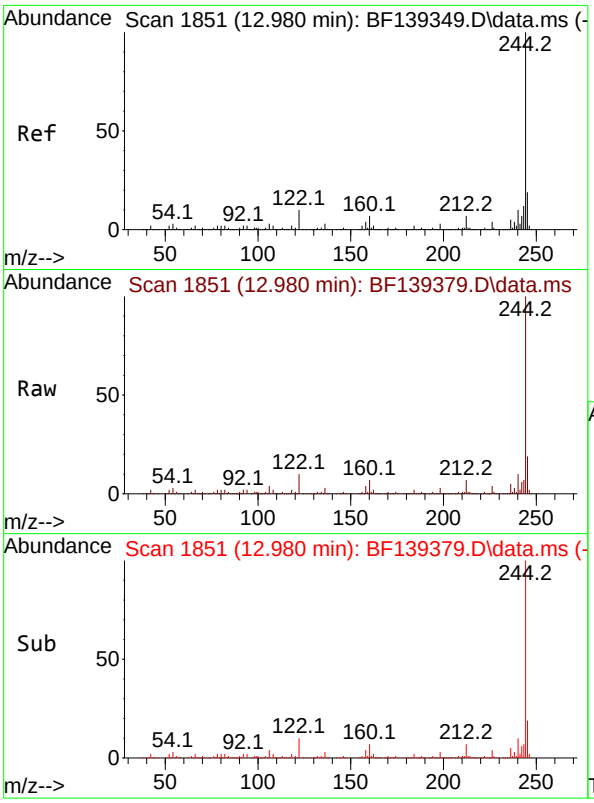


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:240 Resp: 138722

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.2	9.2
236	25.8	20.9	31.3



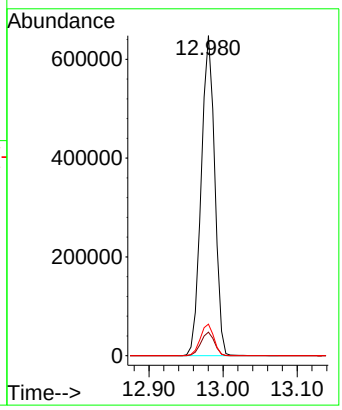


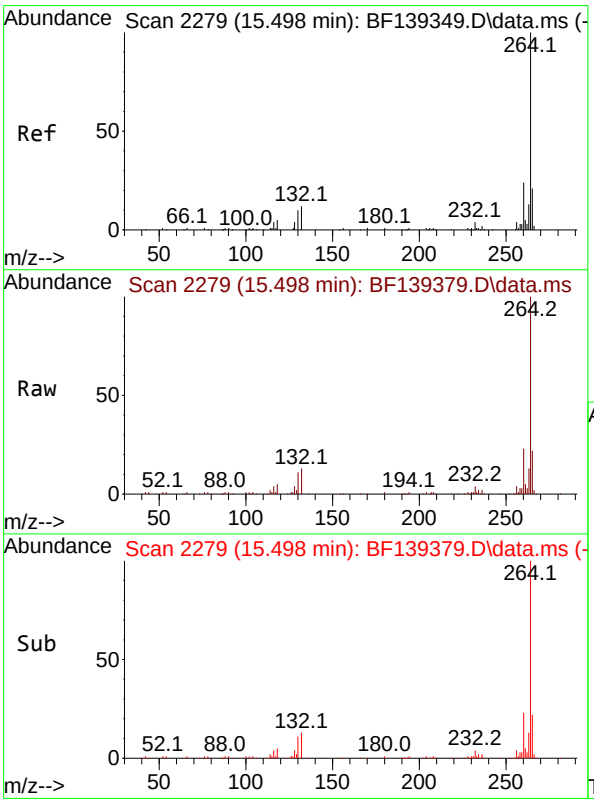
#79
Terphenyl-d14
Concen: 97.320 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:244 Resp: 822499

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.9	7.6	11.4

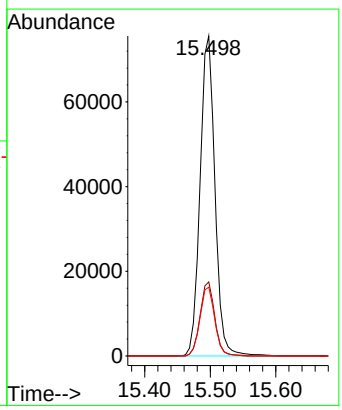




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:264 Resp: 119413

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	16.6	25.0



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	P3845
Lab Sample ID:	P3845-06DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BF139380.D	5	09/12/24 08:40	09/16/24 13:13	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	110	D	4.70	25.0	ug/L
95-57-8	2-Chlorophenol	140	D	3.60	25.0	ug/L
95-48-7	2-Methylphenol	100	D	5.70	25.0	ug/L
65794-96-9	3+4-Methylphenols	5.80	UD	5.80	50.0	ug/L
88-75-5	2-Nitrophenol	98.8	D	9.80	25.0	ug/L
105-67-9	2,4-Dimethylphenol	63.8	D	7.60	25.0	ug/L
120-83-2	2,4-Dichlorophenol	49.5	D	4.40	25.0	ug/L
65-85-0	Benzoic acid	27.4	UD	27.4	50.0	ug/L
59-50-7	4-Chloro-3-methylphenol	140	D	4.20	25.0	ug/L
88-06-2	2,4,6-Trichlorophenol	140	D	4.50	25.0	ug/L
95-95-4	2,4,5-Trichlorophenol	58.3	D	5.10	25.0	ug/L
51-28-5	2,4-Dinitrophenol	110	D	32.1	50.0	ug/L
100-02-7	4-Nitrophenol	150	D	10.0	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	100	D	15.4	50.0	ug/L
87-86-5	Pentachlorophenol	32.0	JD	9.30	50.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	98.7	D	4.00	25.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	123		10 - 139	82%	SPK: 150
13127-88-3	Phenol-d6	124		10 - 134	83%	SPK: 150
118-79-6	2,4,6-Tribromophenol	127		44 - 137	85%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	53700	6.875			
1146-65-2	Naphthalene-d8	198000	8.157			
15067-26-2	Acenaphthene-d10	111000	9.91			
1517-22-2	Phenanthrene-d10	206000	11.392			
1719-03-5	Chrysene-d12	127000	14.027			
1520-96-3	Perylene-d12	107000	15.498			

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	P3845
Lab Sample ID:	P3845-06DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BF139380.D	5	09/12/24 08:40	09/16/24 13:13	PB163318

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_F\Data\BF091624\
Data File : BF139380.D
Acq On : 16 Sep 2024 13:13
Operator : RC/JU
Sample : P3845-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Sep 16 14:01:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

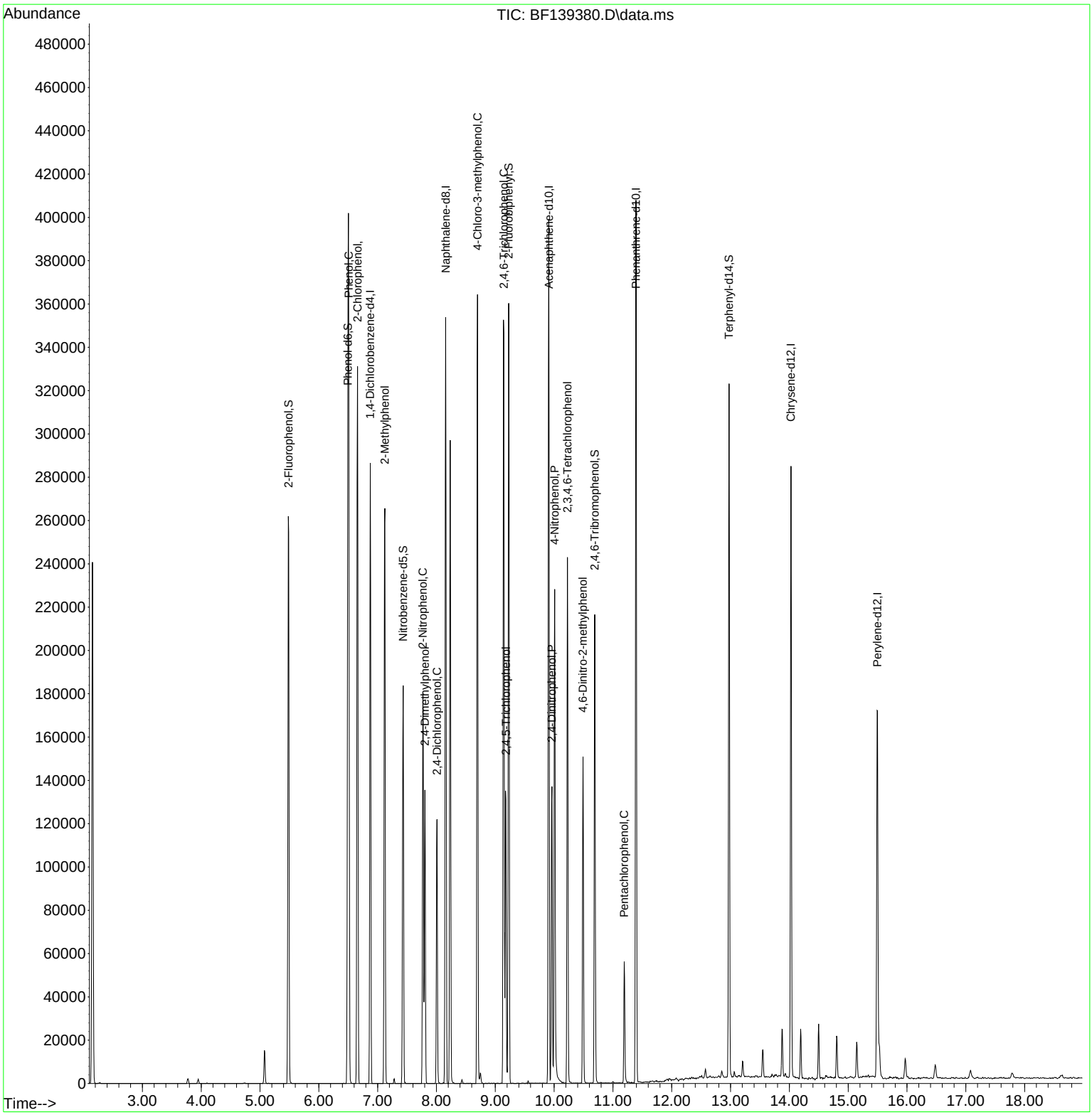
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53717	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	197693	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	111417	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205713	20.000	ng	0.00
76) Chrysene-d12	14.027	240	127464	20.000	ng	0.00
86) Perylene-d12	15.498	264	107390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	81036	24.610	ng	0.00
7) Phenol-d6	6.492	99	107117	24.784	ng	-0.01
23) Nitrobenzene-d5	7.433	82	72704	17.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	30178	25.442	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	144091	18.138	ng	0.00
79) Terphenyl-d14	12.974	244	147214	18.957	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.657	128	97582	28.789	ng	99
10) Phenol	6.510	94	100447	22.819	ng	98
17) 2-Methylphenol	7.122	107	53975	20.043	ng	99
26) 2-Nitrophenol	7.769	139	33311	19.755	ng	98
27) 2,4-Dimethylphenol	7.804	122	28375	12.757	ng	98
29) 2,4-Dichlorophenol	8.010	162	27945	9.890	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	92018	28.495	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	62186	28.947	ng	98
44) 2,4,5-Trichlorophenol	9.180	196	26419	11.658	ng	98
54) 2,4-Dinitrophenol	9.963	184	19289	21.368	ng	94
56) 4-Nitrophenol	10.010	139	38922	29.054	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.227	232	37016	19.746	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	21982	20.246	ng	98
70) Pentachlorophenol	11.192	266	9184	6.397	ng	97

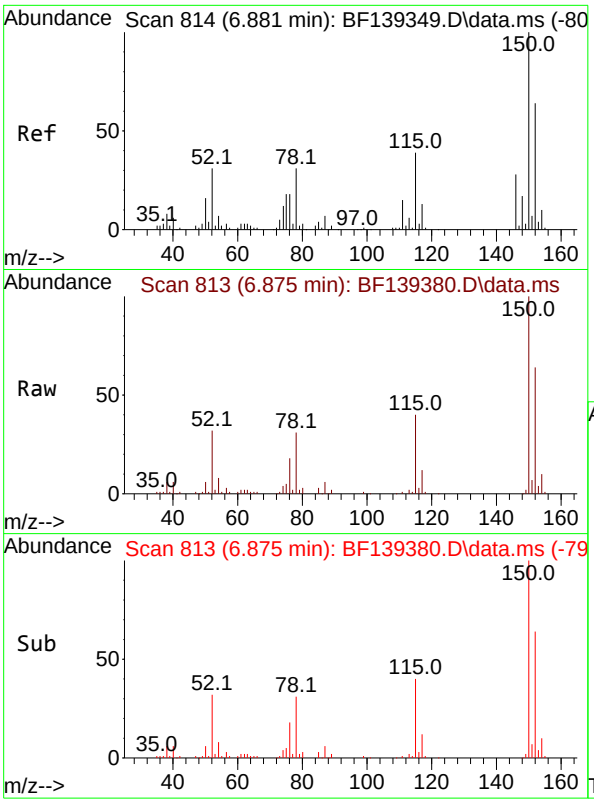
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139380.D
Acq On : 16 Sep 2024 13:13
Operator : RC/JU
Sample : P3845-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Sep 16 14:01:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



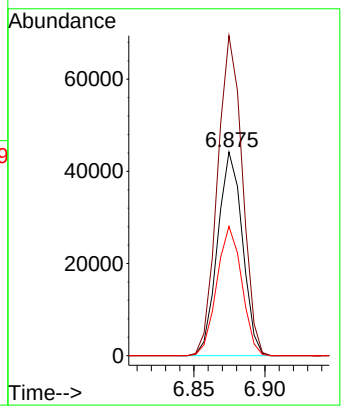


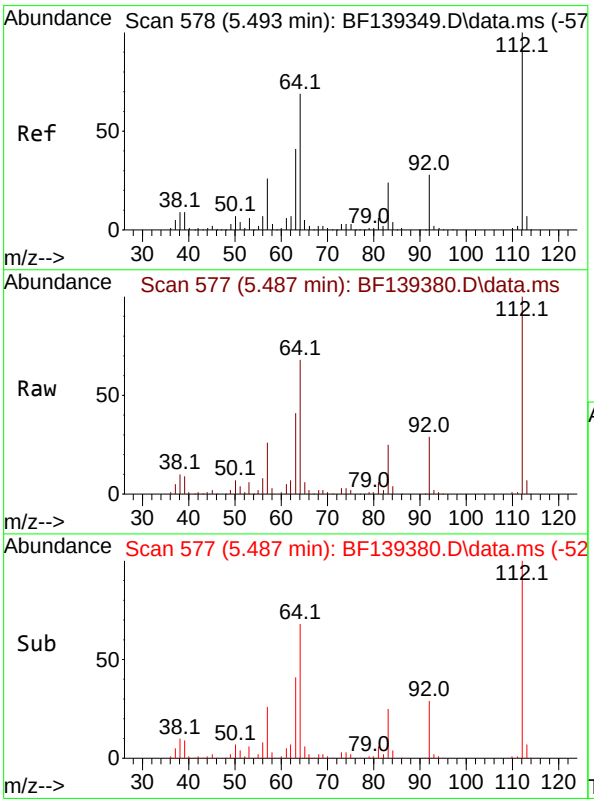
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 53717

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	63.5	48.1	72.1

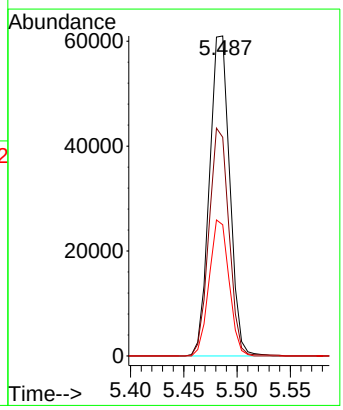


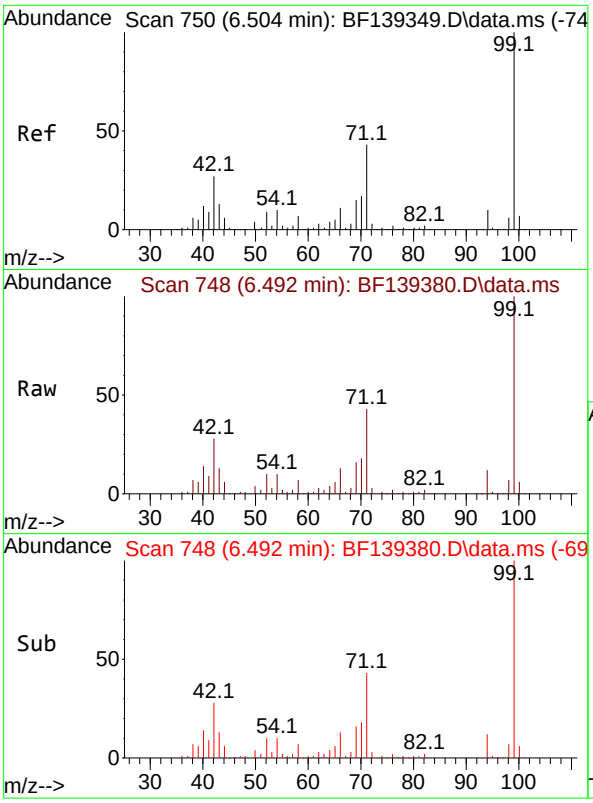


#5
2-Fluorophenol
Concen: 24.610 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:112 Resp: 81036

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.8	82.2
63	41.0	33.0	49.4



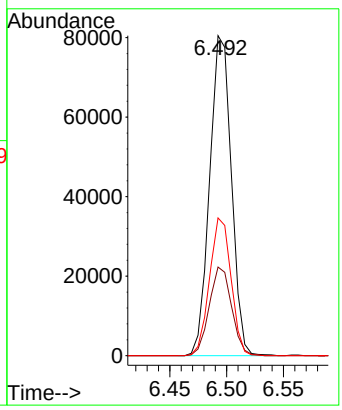


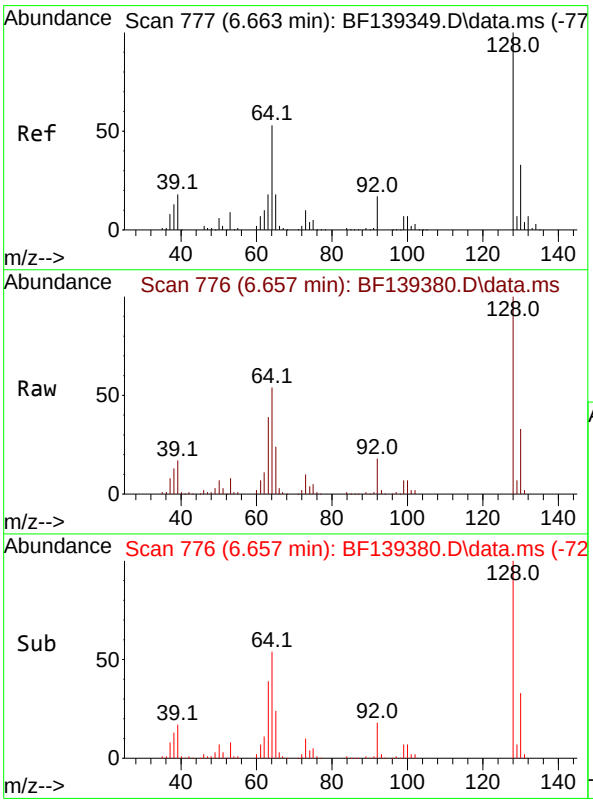
#7
Phenol-d6
Concen: 24.784 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 107117

Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.9	32.9
71	43.0	34.6	52.0

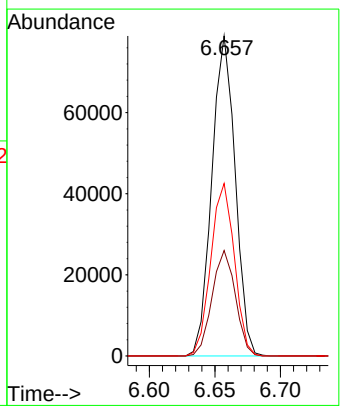


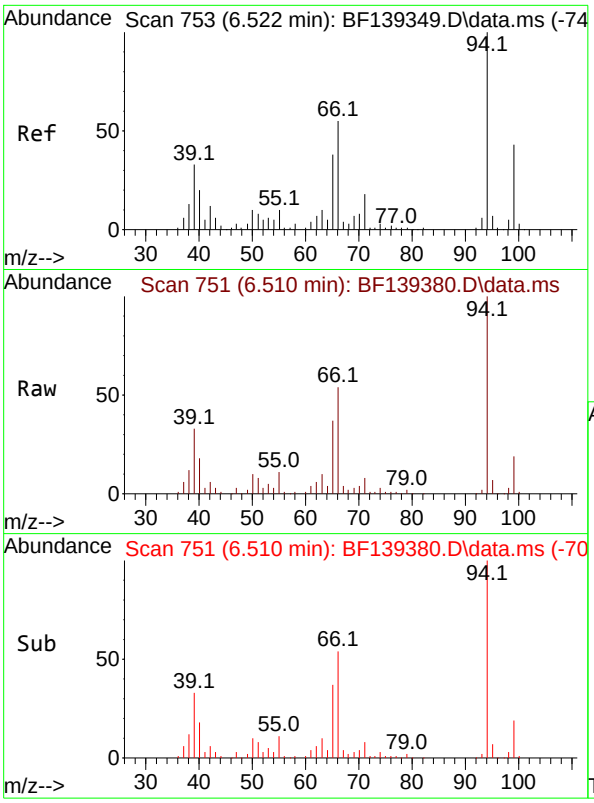


#8
2-Chlorophenol
Concen: 28.789 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:128 Resp: 97582

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	53.9	35.1	75.1



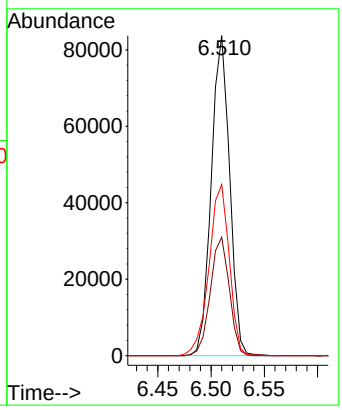


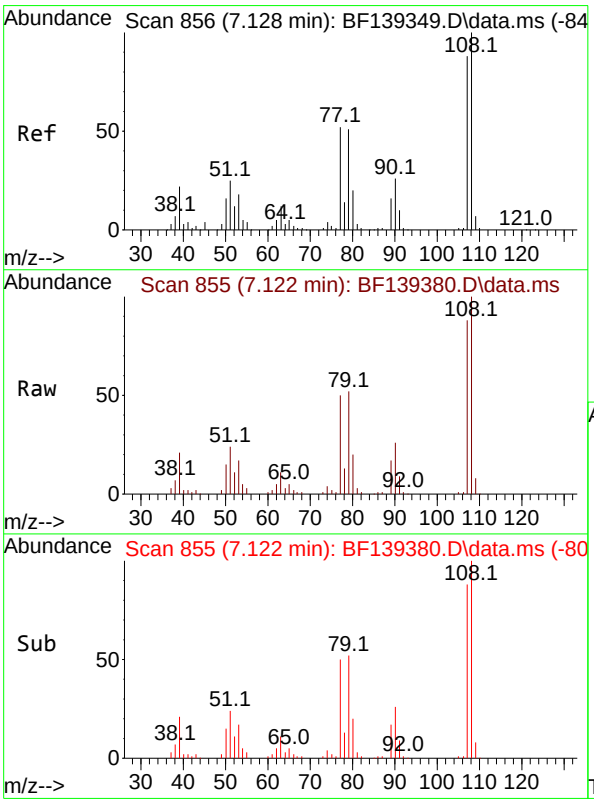
#10
Phenol
Concen: 22.819 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 94 Resp: 100447

Ion	Ratio	Lower	Upper
94	100		
65	37.0	17.6	57.6
66	53.5	35.2	75.2

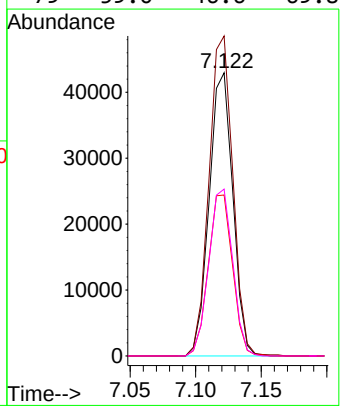


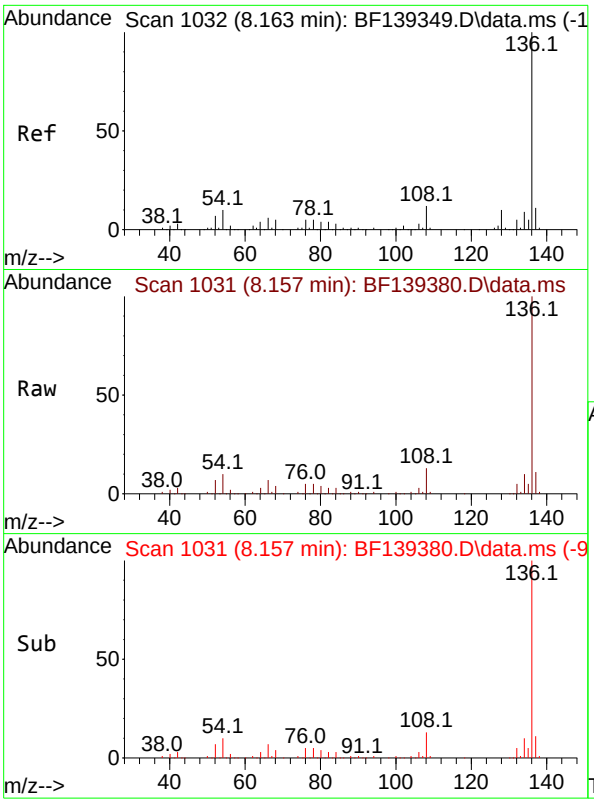


#17
2-Methylphenol
Concen: 20.043 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:107 Resp: 53975

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.5	135.7
77	56.9	47.1	70.7
79	59.0	46.6	69.8



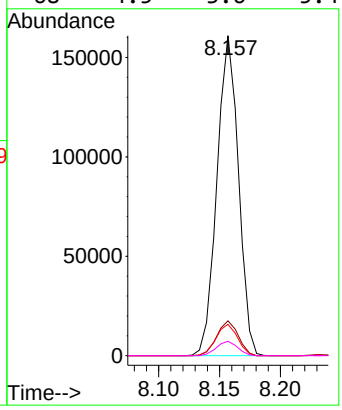


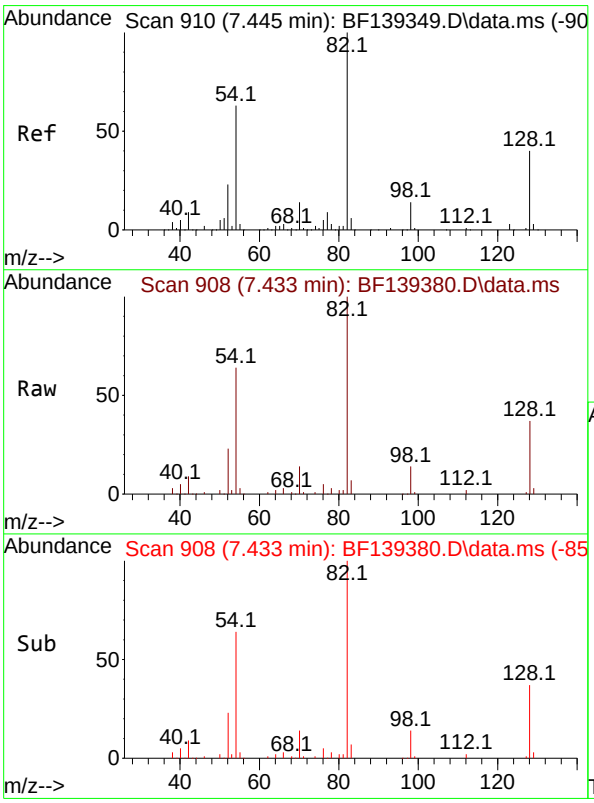
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:136 Resp: 197693

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	7.8	11.8
68	4.5	3.6	5.4

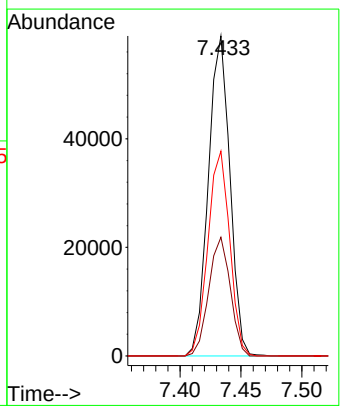


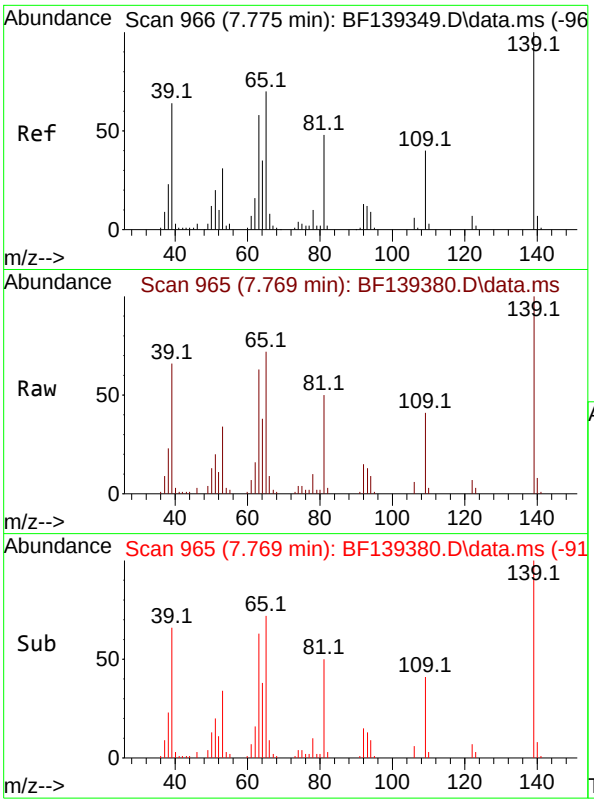


#23
Nitrobenzene-d5
Concen: 17.289 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion: 82 Resp: 72704

Ion	Ratio	Lower	Upper
82	100		
128	37.1	31.8	47.6
54	64.0	50.6	75.8



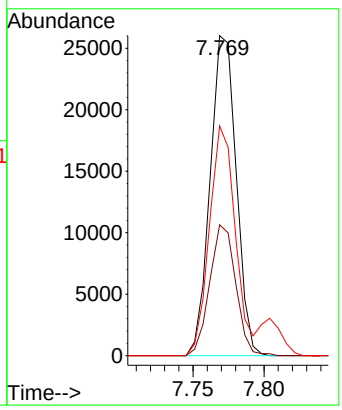


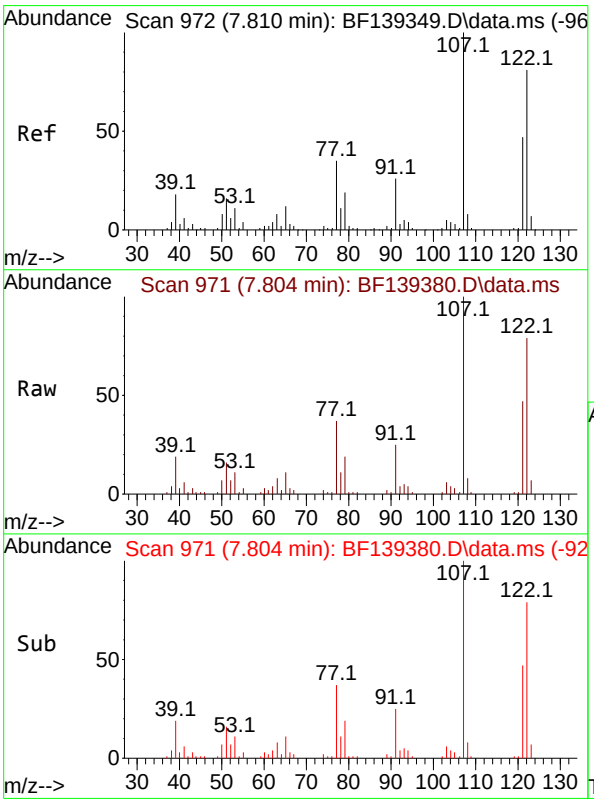
#26
2-Nitrophenol
Concen: 19.755 ng
RT: 7.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 33311

Ion	Ratio	Lower	Upper
139	100		
109	40.9	32.2	48.2
65	71.8	55.8	83.8

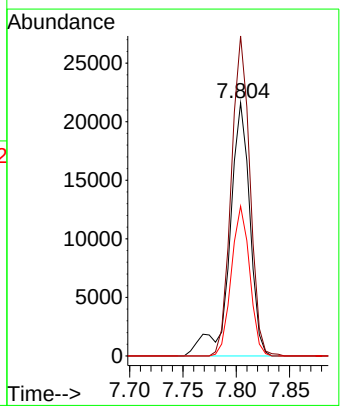


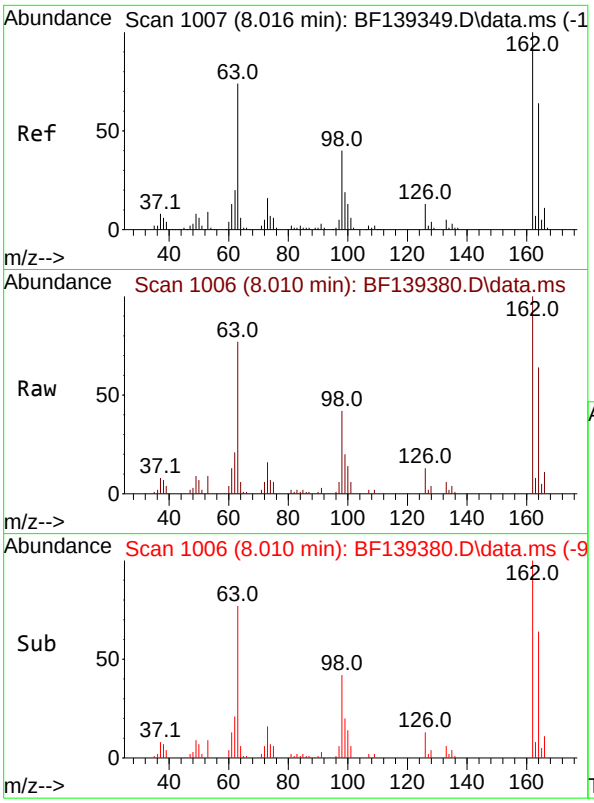


#27
2,4-Dimethylphenol
Concen: 12.757 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:122 Resp: 28375

Ion	Ratio	Lower	Upper
122	100		
107	126.4	99.1	148.7
121	59.1	46.6	70.0



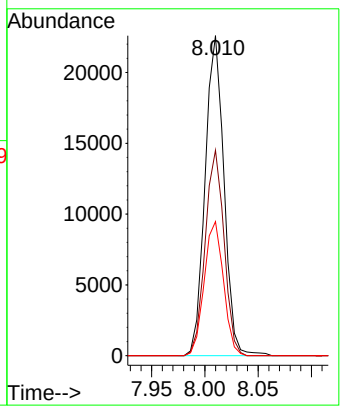


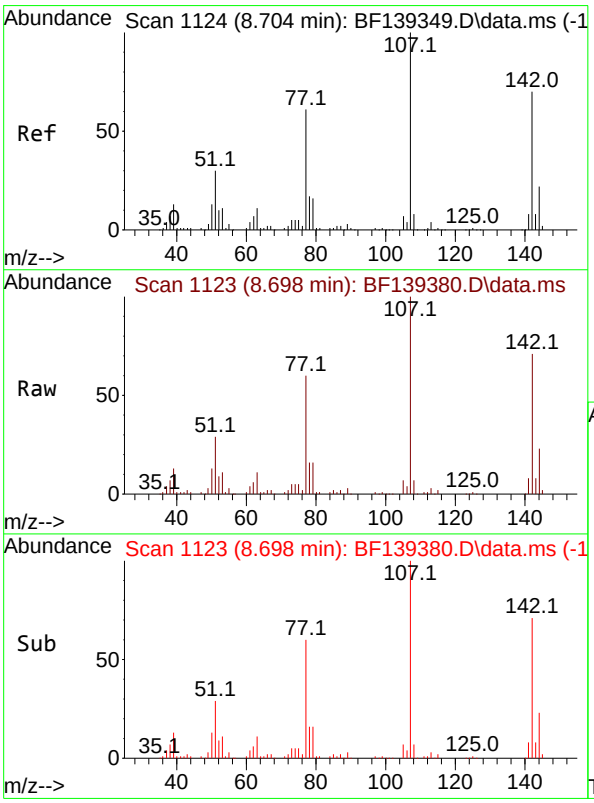
#29
2,4-Dichlorophenol
Concen: 9.890 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:162 Resp: 27945

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	41.9	19.7	59.7

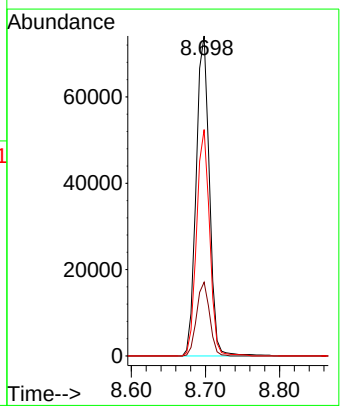


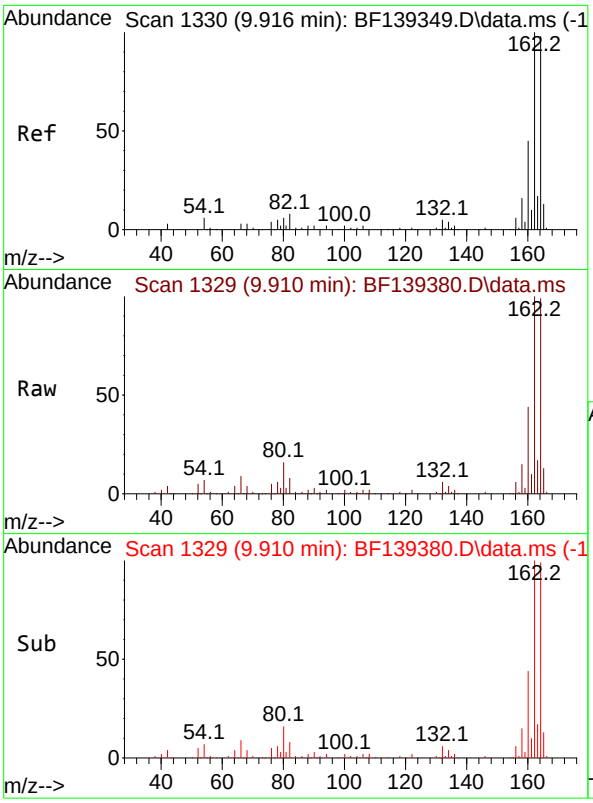


#36
4-Chloro-3-methylphenol
Concen: 28.495 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:107 Resp: 92018

Ion	Ratio	Lower	Upper
107	100		
144	23.1	17.5	26.3
142	70.8	55.8	83.8



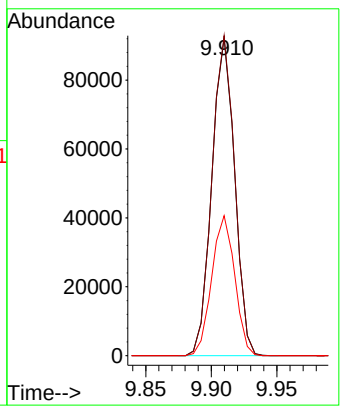


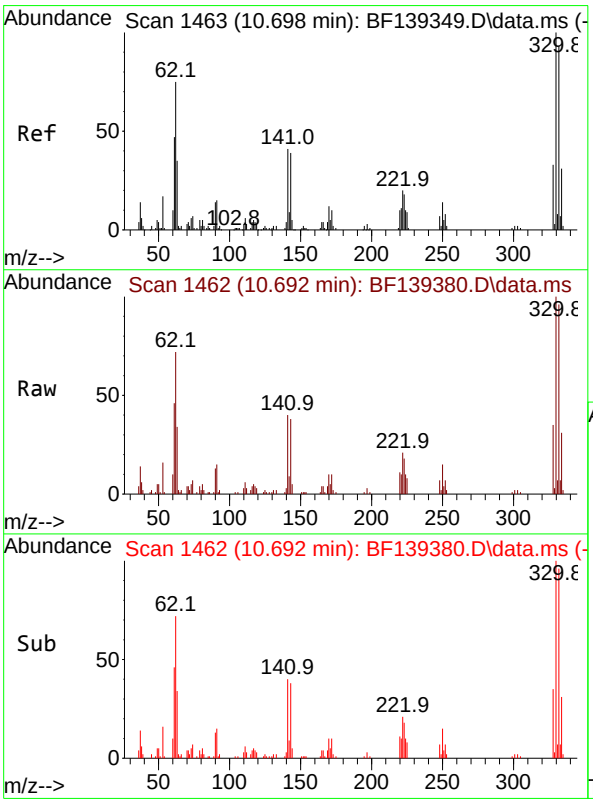
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 111417

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	44.1	36.4	54.6

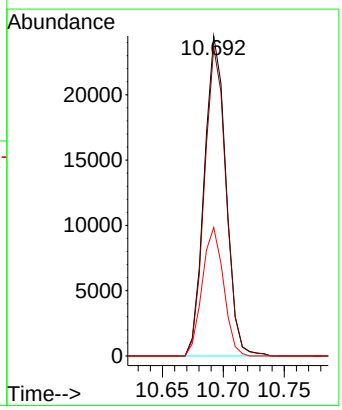


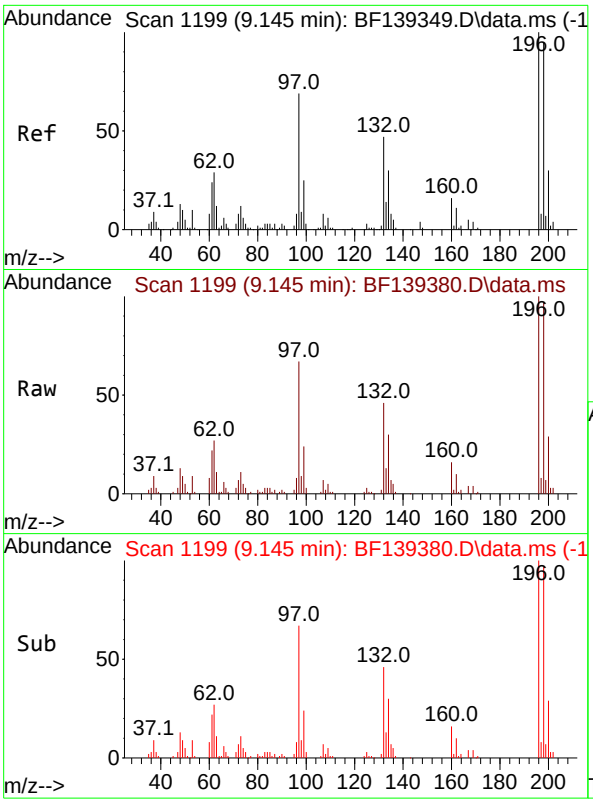


#42
2,4,6-Tribromophenol
Concen: 25.442 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:330 Resp: 30178

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.2	112.8
141	39.5	31.2	46.8



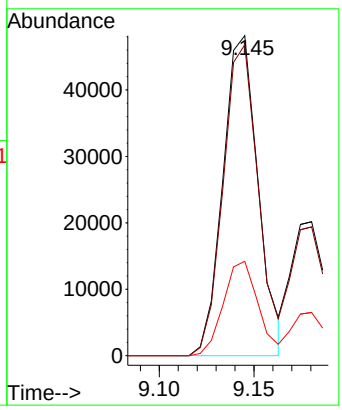


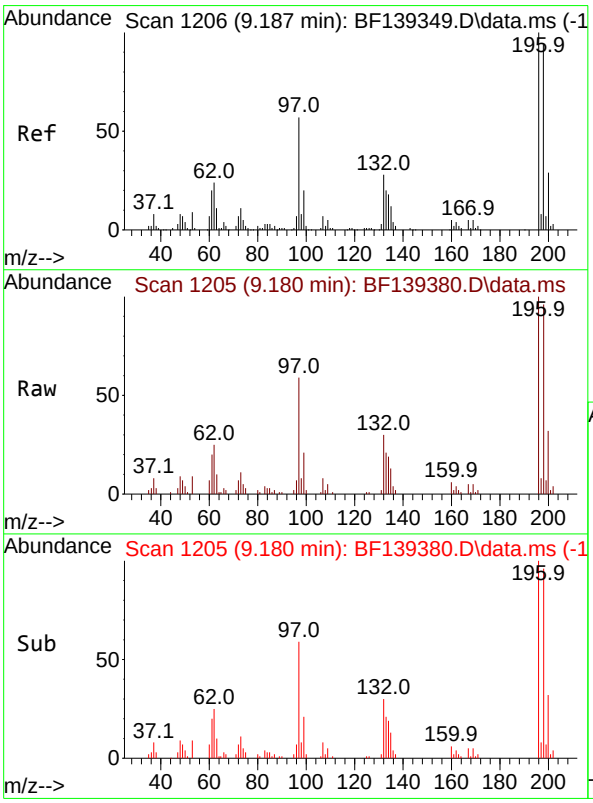
#43
2,4,6-Trichlorophenol
Concen: 28.947 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:196 Resp: 62186

Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.8	113.6
200	29.5	24.1	36.1

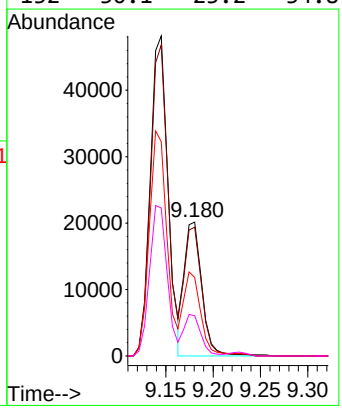


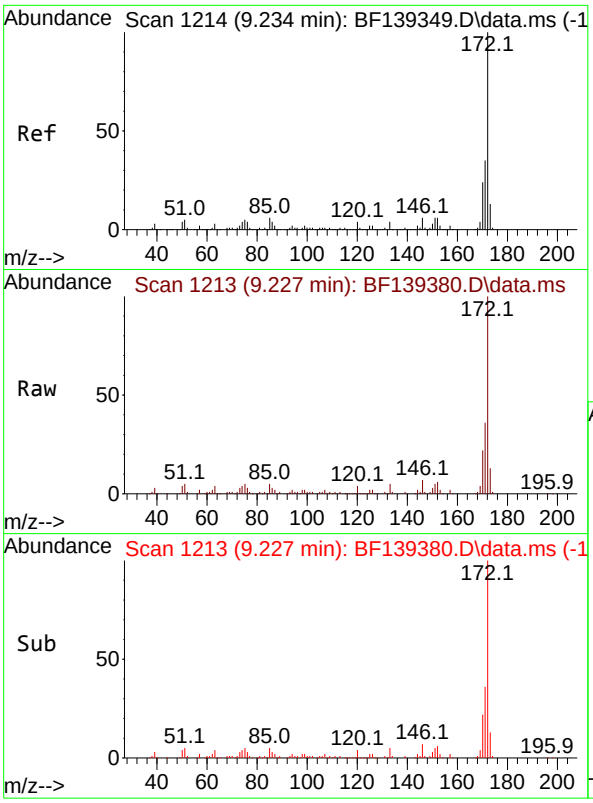


#44
2,4,5-Trichlorophenol
Concen: 11.658 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:196 Resp: 26419

Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.8	112.2
97	58.6	47.3	70.9
132	30.1	23.2	34.8



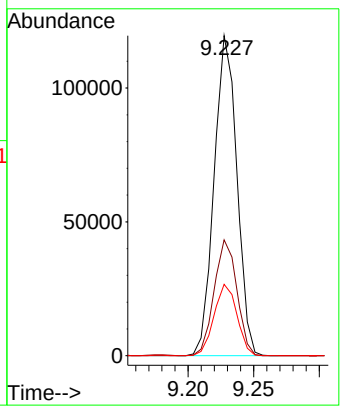


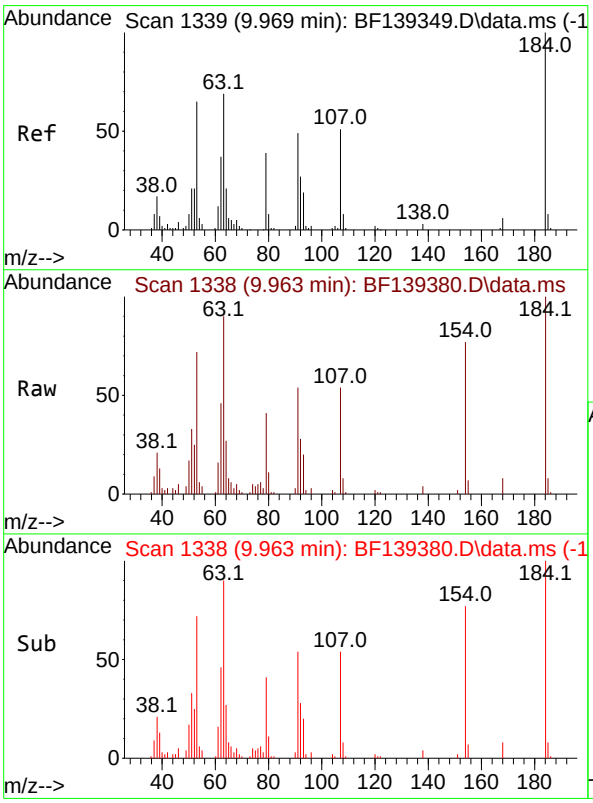
#45
2-Fluorobiphenyl
Concen: 18.138 ng
RT: 9.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:172 Resp: 144091

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	22.3	19.0	28.6

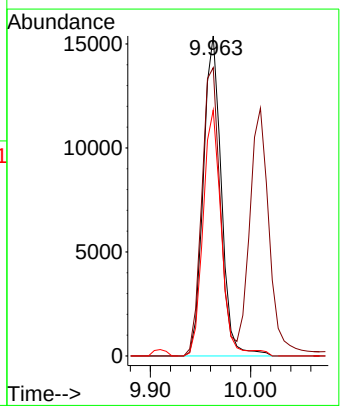


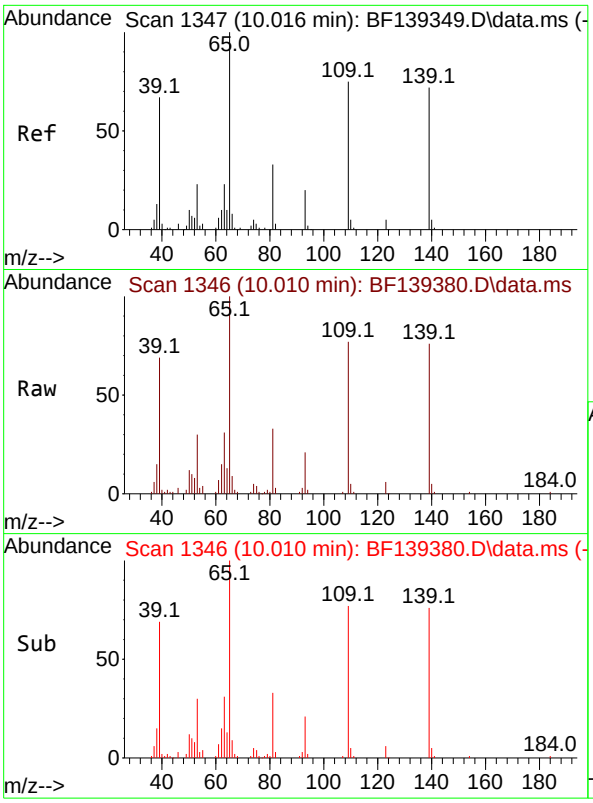


#54
2,4-Dinitrophenol
Concen: 21.368 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:184 Resp: 19289

Ion	Ratio	Lower	Upper
184	100		
63	90.1	69.3	103.9
154	76.8	67.5	101.3



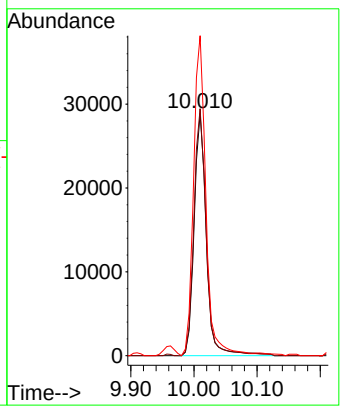


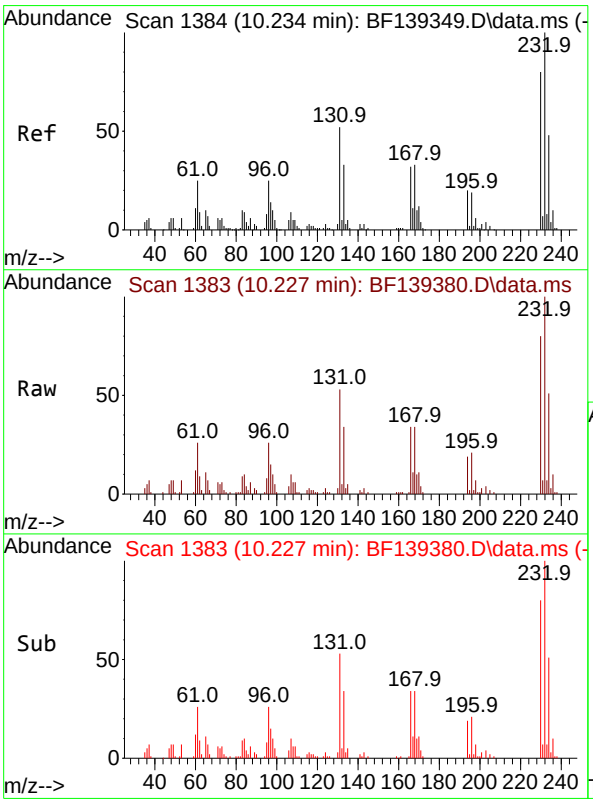
#56
4-Nitrophenol
Concen: 29.054 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 38922

Ion	Ratio	Lower	Upper
139	100		
109	101.9	84.1	124.1
65	132.1	120.0	160.0

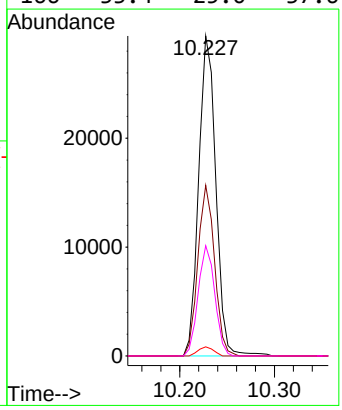


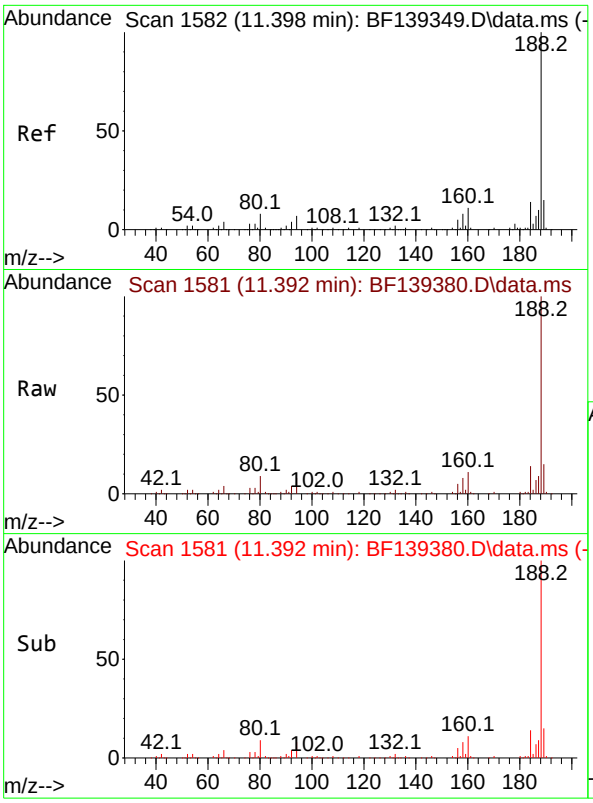


#59
2,3,4,6-Tetrachlorophenol
Concen: 19.746 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:232 Resp: 37016

Ion	Ratio	Lower	Upper
232	100		
131	51.8	40.7	61.1
130	2.6	2.2	3.2
166	33.4	25.0	37.6



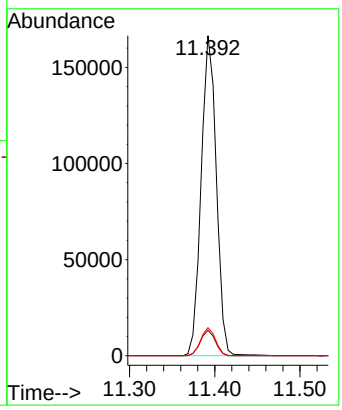


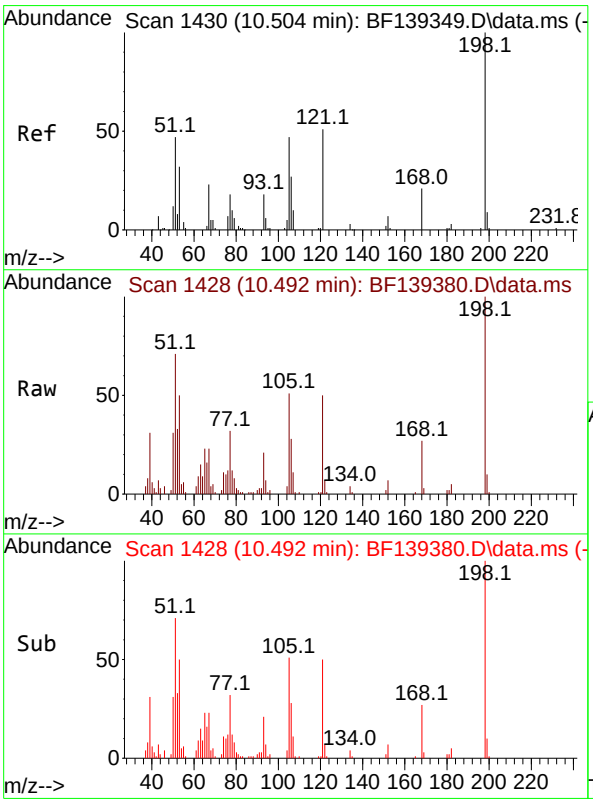
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:188 Resp: 205713

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.5	8.3
80	8.7	6.6	9.8

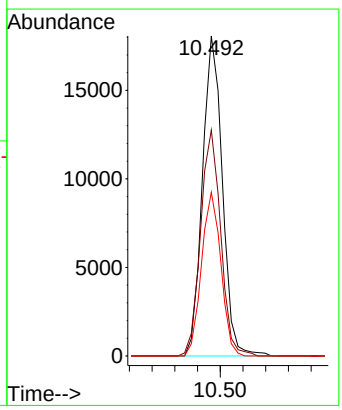


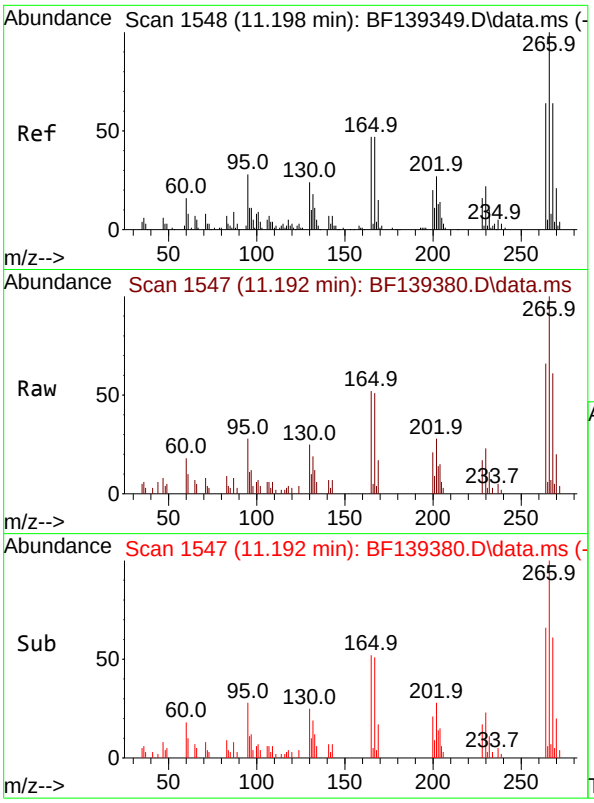


#65
4,6-Dinitro-2-methylphenol
Concen: 20.246 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:198 Resp: 21982

Ion	Ratio	Lower	Upper
198	100		
51	70.6	50.4	90.4
105	51.2	28.3	68.3



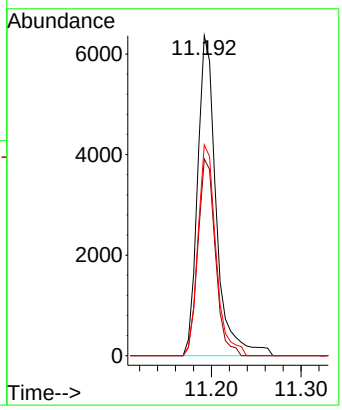


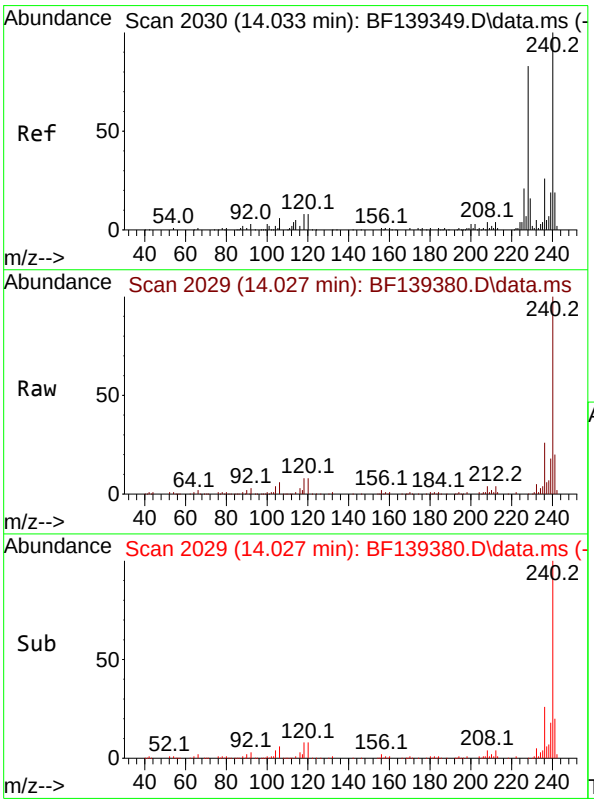
#70
Pentachlorophenol
Concen: 6.397 ng
RT: 11.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:266 Resp: 9184

Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	65.9	51.4	77.0

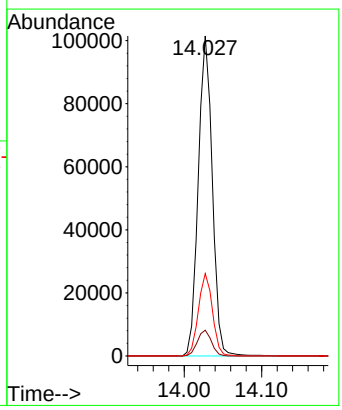


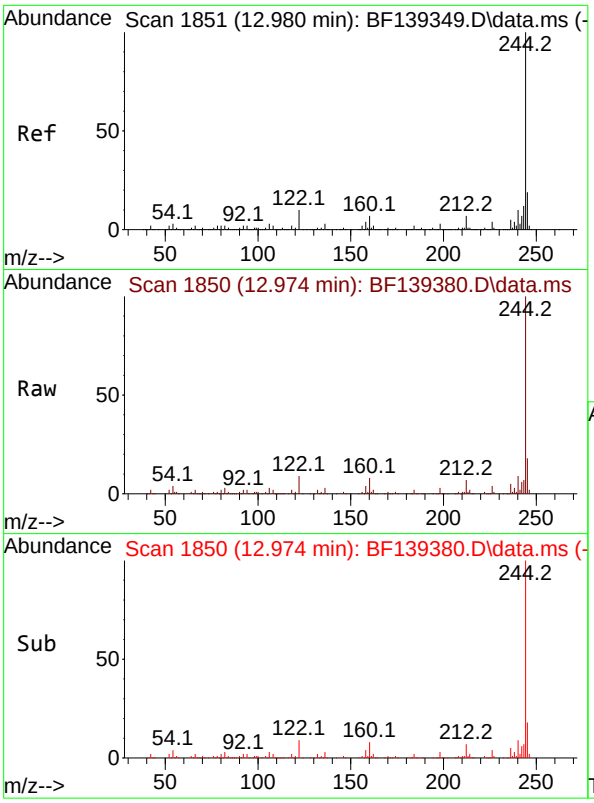


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:240 Resp: 127464

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.2
236	25.8	20.9	31.3



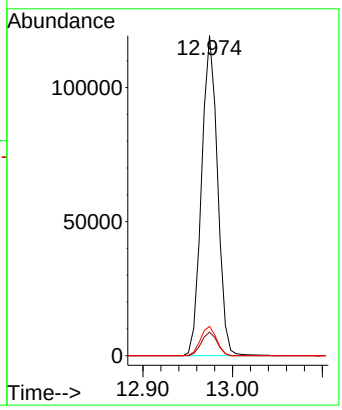


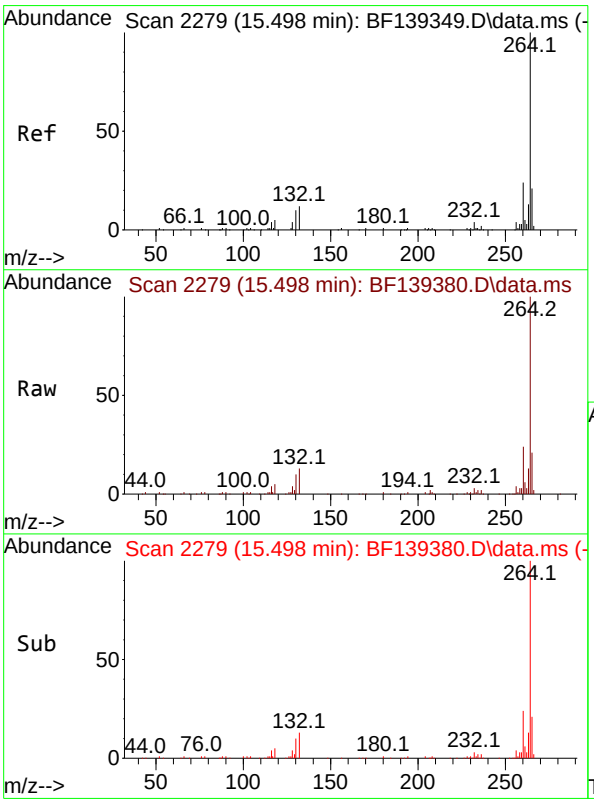
#79
Terphenyl-d14
Concen: 18.957 ng
RT: 12.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:244 Resp: 147214

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	9.2	7.6	11.4

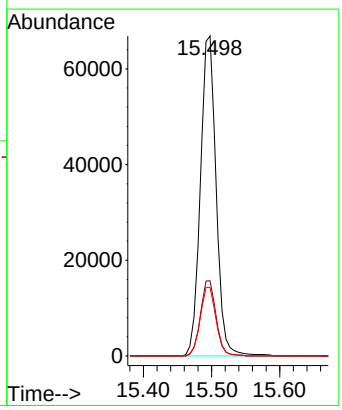




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:264 Resp: 107390

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	16.6	25.0



CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Sep 14 02:58:23 2024
Response Via : Initial Calibration

Calibration Files
2.5 =BF139345.D 5 =BF139346.D 10 =BF139347.D 20 =BF139348.D 40 =BF139349.D 50 =BF139350.D 60 =BF139351.D 80 =BF1393
52.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.553	0.504	0.521	0.494	0.447	0.464	0.460	0.492	7.66
3)		Pyridine		1.084	1.102	1.180	1.098	1.002	1.116	1.010	1.084	5.72
4)		n-Nitrosodimet...		0.936	0.930	0.973	0.941	0.905	0.974	0.920	0.940	2.73
5)	S	2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.254	1.198	1.226	2.71
6)		Aniline		1.262	1.232	1.274	1.194	1.101	1.223		1.214	5.16
7)	S	Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.649	1.555	1.609	3.43
8)		2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.297	1.230	1.262	3.08
9)		Benzaldehyde		1.119	1.053	1.011	0.833	0.761	0.801		0.930	16.10
10)	C	Phenol		1.697	1.708	1.709	1.609	1.524	1.669	1.557	1.639	4.63
11)		bis(2-Chloroet...		1.173	1.177	1.190	1.133	1.127	1.212	1.707	1.246	16.50
12)		1,3-Dichlorobe...		1.500	1.489	1.475	1.414	1.355	1.444	1.370	1.435	4.01
13)	C	1,4-Dichlorobe...		1.477	1.463	1.527	1.432	1.377	1.476	1.401	1.450	3.52
14)		1,2-Dichlorobe...		1.429	1.386	1.411	1.344	1.301	1.406	1.316	1.370	3.65
15)		Benzyl Alcohol		1.277	1.307	1.332	1.282	1.220	1.336	1.233	1.284	3.52
16)		2,2'-oxybis(1-...		2.033	1.971	2.047	1.868	1.791	1.936	1.793	1.920	5.52
17)		2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.022	0.982	1.003	3.90
18)		Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.565	0.533	0.552	2.86
19)	P	n-Nitroso-di-n...	0.922	0.950	0.952	1.025	0.939	0.912	0.990	0.939	0.954	3.88
20)		3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.420	1.331	1.368	3.15
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.521	0.509	0.535	0.539	0.502	0.540	0.515	0.523	2.87
23)	S	Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.443	0.428	0.425	3.43
24)		Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.448	0.430	0.438	2.42
25)		Isophorone		0.658	0.670	0.698	0.685	0.647	0.688	0.663	0.673	2.73
26)	C	2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.184	0.180	0.171	7.27
27)		2,4-Dimethylph...		0.216	0.219	0.231	0.235	0.219	0.235	0.221	0.225	3.76
28)		bis(2-Chloroet...		0.394	0.378	0.389	0.387	0.364	0.392	0.381	0.383	2.72
29)	C	2,4-Dichloroph...		0.289	0.283	0.285	0.295	0.272	0.294	0.283	0.286	2.79
30)		1,2,4-Trichlor...		0.347	0.331	0.336	0.341	0.316	0.337	0.325	0.333	3.07
31)		Naphthalene		1.043	1.038	1.045	1.070	1.003	1.076	1.034	1.044	2.32
32)		Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.235	0.231	0.211	12.54
33)		4-Chloroaniline		0.307	0.327	0.334	0.337	0.305	0.332	0.293	0.319	5.44
34)	C	Hexachlorobuta...		0.228	0.231	0.228	0.232	0.220	0.227	0.218	0.226	2.36
35)		Caprolactam		0.087	0.086	0.089	0.093	0.083	0.089	0.088	0.088	3.74
36)	C	4-Chloro-3-met...		0.315	0.317	0.336	0.341	0.315	0.336	0.327	0.327	3.34
37)		2-Methylnaphth...		0.672	0.645	0.684	0.680	0.631	0.675	0.651	0.663	3.06
38)		1-Methylnaphth...		0.656	0.647	0.670	0.662	0.616	0.661	0.643	0.651	2.70

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091324.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.600	0.570	0.607	0.619	0.569	0.597	0.588	0.593	3.15
41)	P	Hexachlorocycl...	0.198	0.196	0.224	0.229	0.207	0.208	0.187	0.207	7.28
42)	S	2,4,6-Tribromo...	0.212	0.202	0.220	0.229	0.204	0.215	0.210	0.213	4.48
43)	C	2,4,6-Trichlor...	0.378	0.373	0.388	0.421	0.370	0.385	0.384	0.386	4.45
44)		2,4,5-Trichlor...	0.378	0.389	0.426	0.434	0.400	0.411	0.410	0.407	4.87
45)	S	2-Fluorobiphenyl	1.470	1.399	1.473	1.491	1.357	1.407	1.385	1.426	3.60
46)		1,1'-Biphenyl	1.615	1.478	1.566	1.613	1.479	1.510	1.509	1.539	3.84
47)		2-Chloronaphth...	1.130	1.110	1.181	1.215	1.116	1.155	1.146	1.150	3.25
48)		2-Nitroaniline	0.387	0.407	0.436	0.456	0.428	0.443	0.439	0.428	5.45
49)		Acenaphthylene	1.696	1.705	1.799	1.814	1.681	1.718	1.709	1.732	3.04
50)		Dimethylphthalate	1.318	1.284	1.354	1.382	1.253	1.313	1.285	1.313	3.36
51)		2,6-Dinitrotol...	0.261	0.275	0.303	0.313	0.290	0.296	0.297	0.291	5.97
52)	C	Acenaphthene	1.186	1.141	1.246	1.289	1.169	1.214	1.215	1.209	4.10
53)		3-Nitroaniline	0.279	0.276	0.311	0.319	0.284	0.299	0.266	0.291	6.72
54)	P	2,4-Dinitrophenol		0.107	0.149	0.178	0.174	0.180	0.183	0.162	18.18
55)		Dibenzofuran	1.687	1.668	1.738	1.780	1.600	1.684	1.635	1.685	3.59
56)	P	4-Nitrophenol	0.225	0.228	0.243	0.264	0.244	0.240	0.238	0.240	5.30
57)		2,4-Dinitrotol...	0.364	0.365	0.391	0.434	0.388	0.406	0.400	0.393	6.20
58)		Fluorene	1.373	1.323	1.424	1.472	1.325	1.360	1.345	1.375	4.00
59)		2,3,4,6-Tetrac...	0.317	0.327	0.364	0.359	0.325	0.336	0.329	0.336	5.35
60)		Diethylphthalate	1.359	1.291	1.405	1.440	1.309	1.346	1.332	1.355	3.87
61)		4-Chlorophenyl...	0.671	0.638	0.691	0.705	0.642	0.665	0.664	0.668	3.62
62)		4-Nitroaniline	0.303	0.315	0.344	0.348	0.307	0.314	0.289	0.317	6.80
63)		Azobenzene	1.341	1.286	1.375	1.423	1.280	1.314	1.309	1.332	3.86
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.075	0.092	0.105	0.117	0.113	0.119	0.119	0.106	15.89
66)	c	n-Nitrosodiphe...	0.581	0.564	0.593	0.601	0.560	0.594	0.601	0.585	2.92
67)		4-Bromophenyl-...	0.190	0.186	0.201	0.207	0.191	0.206	0.206	0.198	4.37
68)		Hexachlorobenzene	0.232	0.229	0.228	0.243	0.223	0.236	0.237	0.233	2.86
69)		Atrazine	0.175	0.165	0.144	0.121	0.141	0.114	0.115	0.139	17.35
70)	C	Pentachlorophenol	0.123	0.130	0.143	0.150	0.137	0.149	0.144	0.140	7.21
71)		Phenanthrene	0.981	0.928	0.992	1.004	0.938	0.969	0.943	0.965	3.02
72)		Anthracene	0.945	0.909	0.971	0.987	0.913	0.957	0.922	0.943	3.18
73)		Carbazole	0.923	0.897	0.958	0.946	0.881	0.884	0.831	0.903	4.80
74)		Di-n-butylphth...	0.935	0.972	1.073	1.075	0.991	1.024	0.970	1.006	5.34
75)	C	Fluoranthene	1.100	1.092	1.137	1.085	0.957	0.960	0.882	1.030	9.31
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.174	0.181	0.262	0.384	0.269	0.401	0.334	0.287	31.62
78)		Pyrene	1.536	1.568	1.791	1.924	1.774	1.781	1.647	1.717	8.07
79)	S	Terphenyl-d14	1.100	1.128	1.282	1.349	1.239	1.282	1.150	1.218	7.67
80)		Butylbenzylpht...	0.519	0.552	0.630	0.627	0.585	0.601	0.578	0.585	6.81
81)		Benzo(a)anthra...	1.334	1.287	1.404	1.358	1.262	1.312	1.317	1.325	3.51
82)		3,3'-Dichlorob...	0.388	0.384	0.396	0.374	0.367	0.408	0.397	0.388	3.64
83)		Chrysene	1.252	1.206	1.206	1.234	1.185	1.242	1.206	1.219	1.98
84)		Bis(2-ethylhex...	0.688	0.711	0.816	0.764	0.727	0.761	0.739	0.744	5.63
85)	c	Di-n-octyl pht...	0.969	0.954	1.076	1.129	1.103	1.204	1.230	1.095	9.68

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091324.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	0.947	1.025	1.175	1.363	1.261	1.313	1.240	1.189	12.81
88)		Benzo(b)fluora...	1.284	1.188	1.332	1.226	1.186	1.216	1.202	1.233	4.43
89)		Benzo(k)fluora...	1.221	1.212	1.107	1.191	1.028	1.124	1.079	1.137	6.40
90)	C	Benzo(a)pyrene	1.002	0.985	1.031	1.076	0.992	1.056	1.018	1.023	3.29
91)		Dibenzo(a,h)an...	0.770	0.847	0.973	1.098	1.044	1.109	1.038	0.983	13.12
92)		Benzo(g,h,i)pe...	0.805	0.846	0.974	1.106	1.031	1.066	0.982	0.973	11.42

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139345.D
Acq On : 13 Sep 2024 14:32
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 14 02:13:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

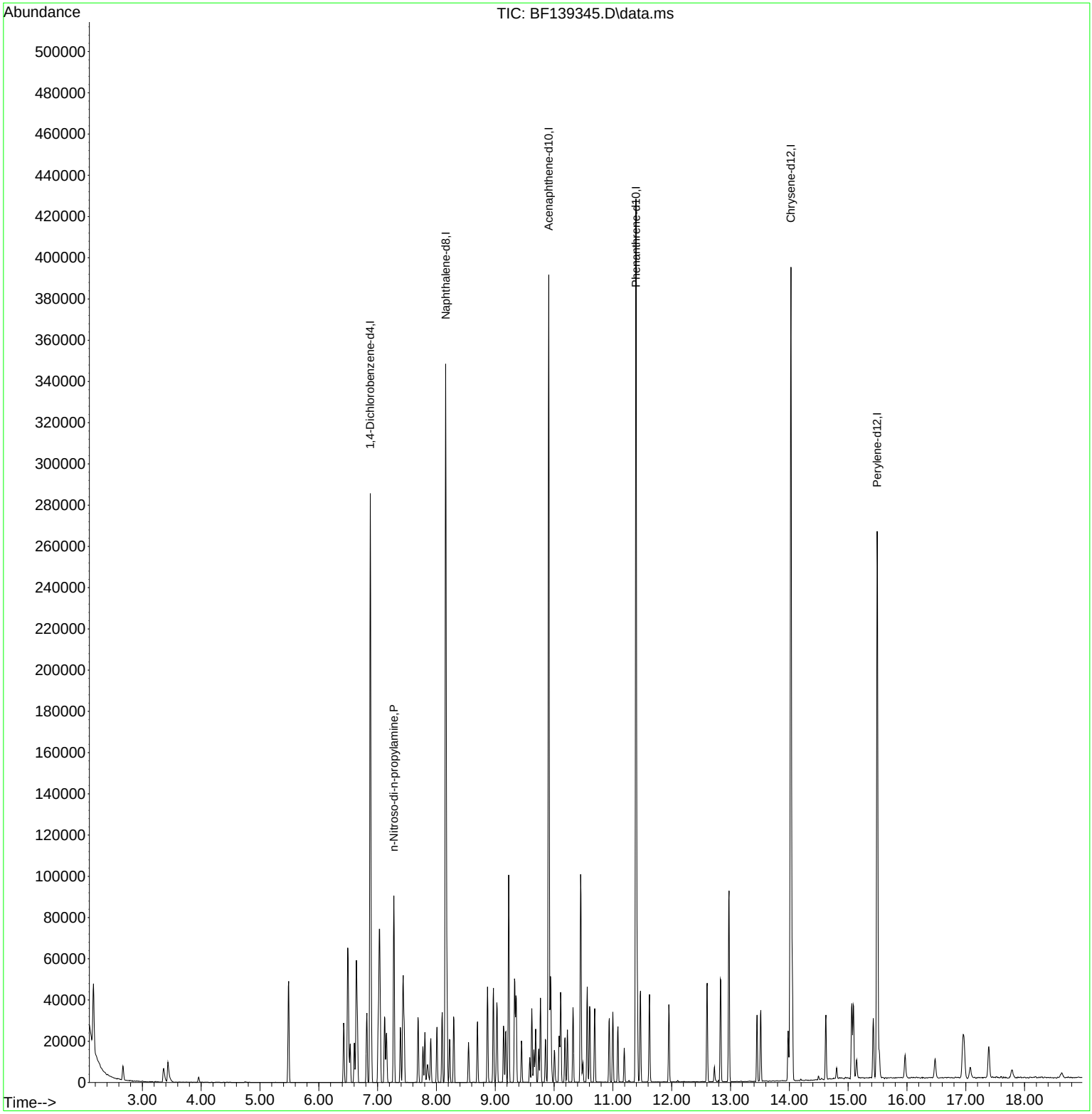
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	52475	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	194429	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112483	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	216754	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170430	20.000	ng	0.00
86) Perylene-d12	15.492	264	158055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	6045	2.506	ng	91

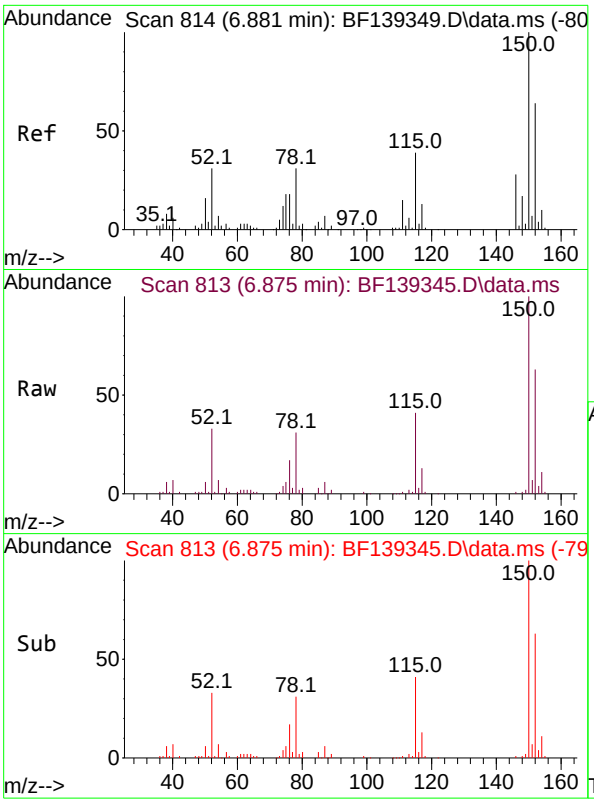
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139345.D
Acq On : 13 Sep 2024 14:32
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 14 02:13:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



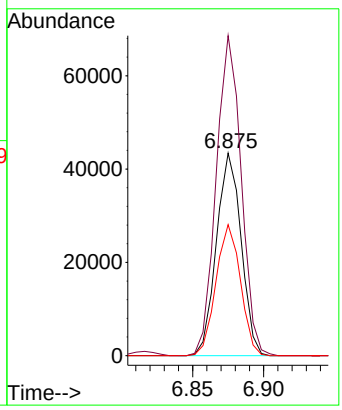


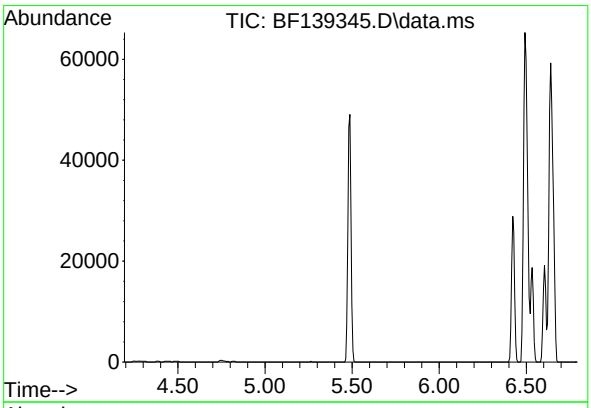
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 52475

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.1	186.1
115	64.7	48.1	72.1



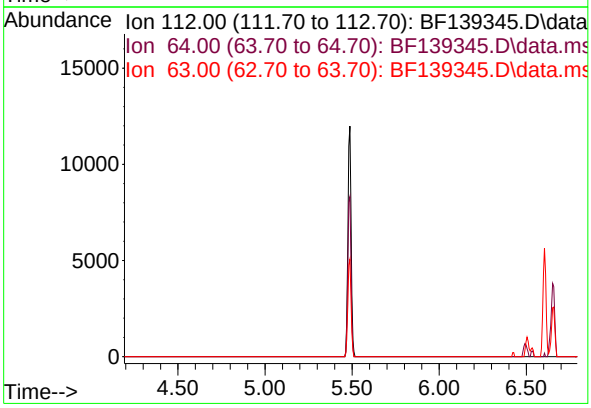


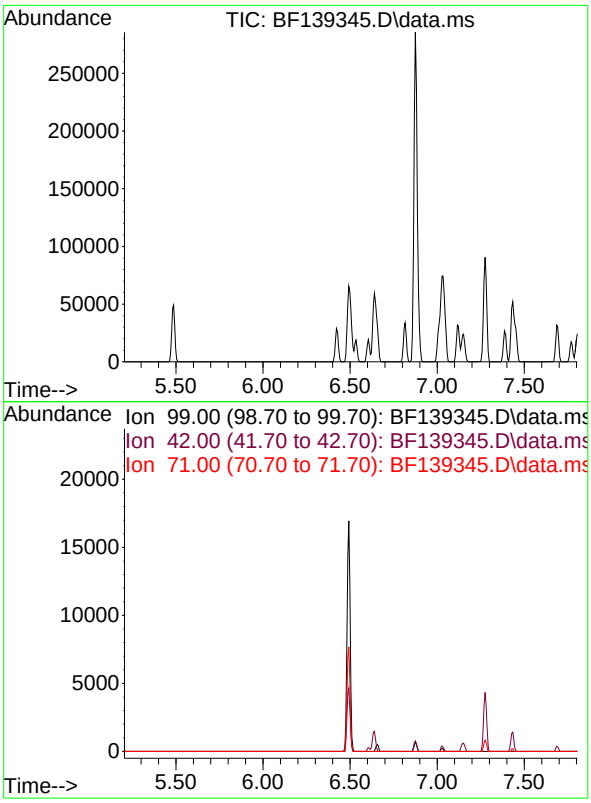
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.5
63	41.2





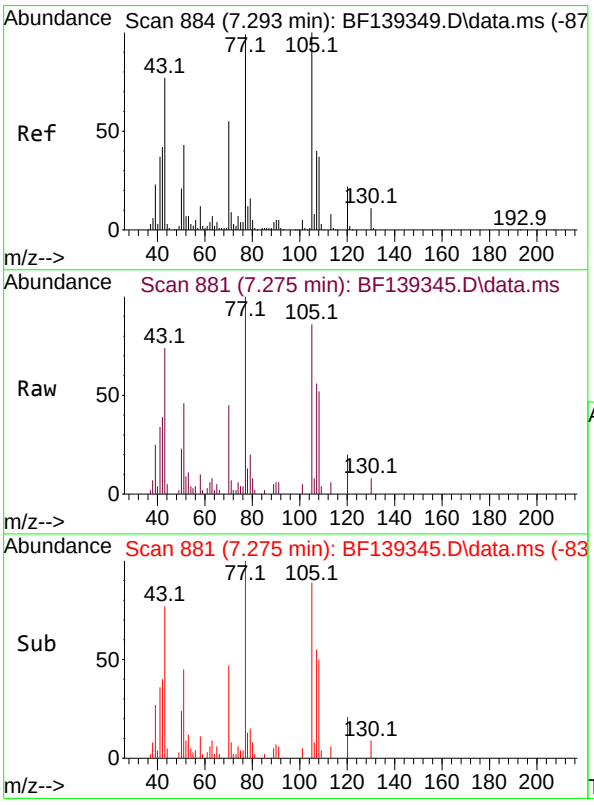
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min

Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

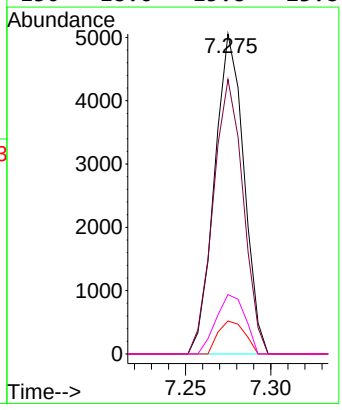
Sig	Exp Ratio
99	100
42	27.4
71	43.3

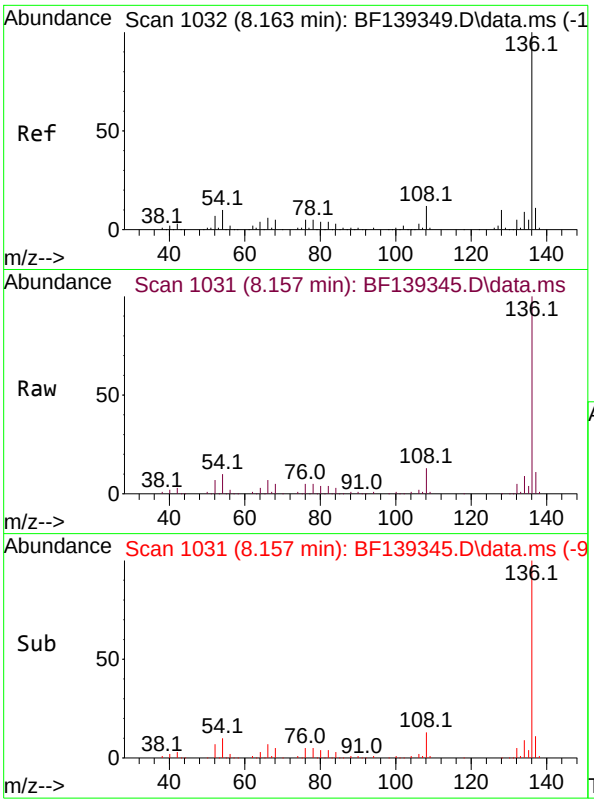


#19
n-Nitroso-di-n-propylamine
Concen: 2.506 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 70 Resp: 6045

Ion	Ratio	Lower	Upper
70	100		
42	85.8	61.2	91.8
101	10.3	7.5	11.3
130	18.6	15.8	23.8



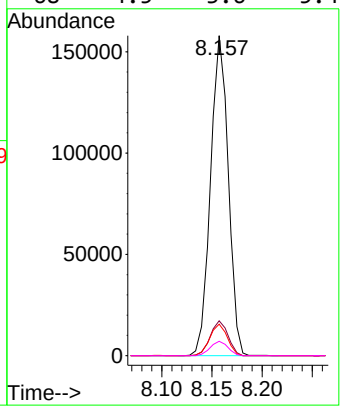


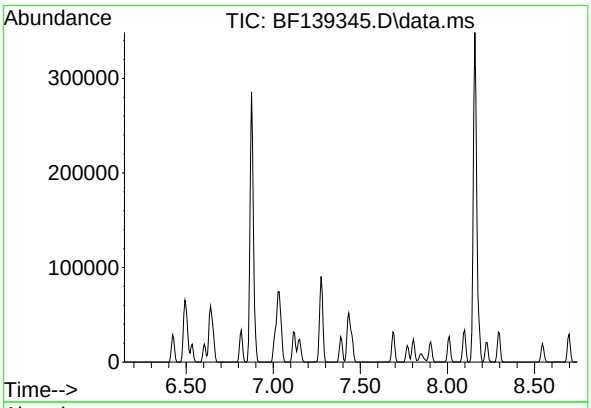
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 194429

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	7.8	11.8
68	4.5	3.6	5.4



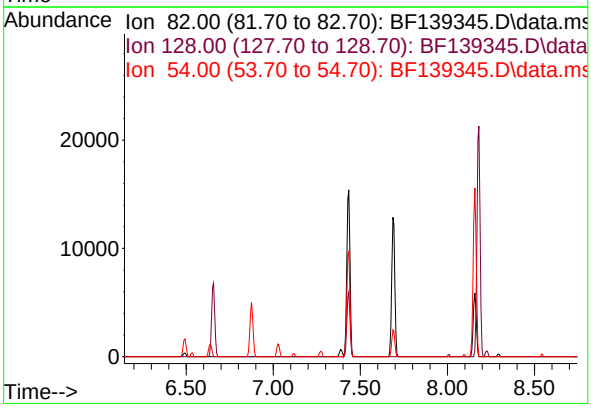


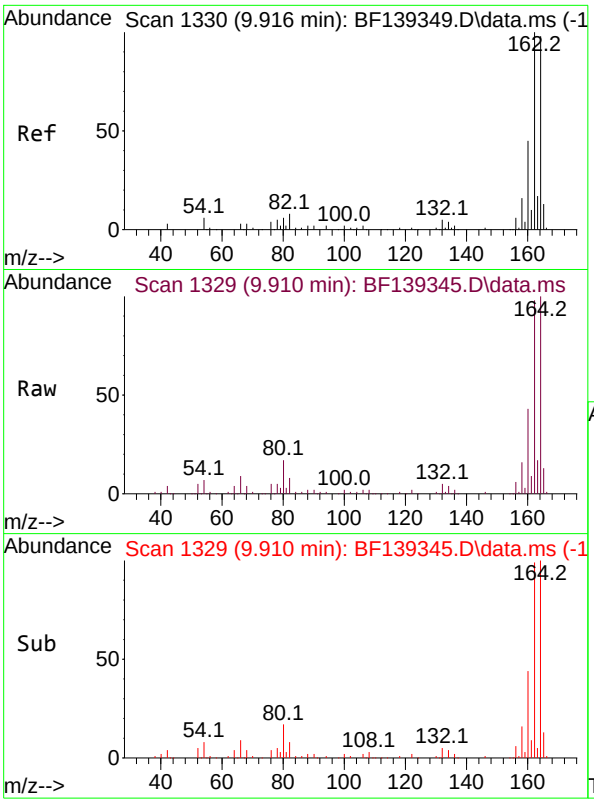
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	39.7
54	63.2



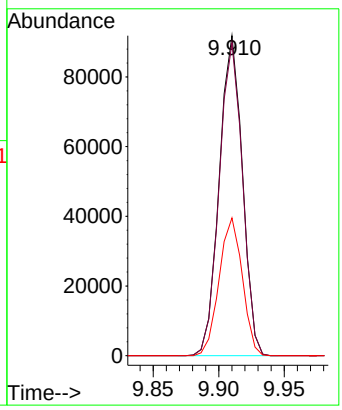


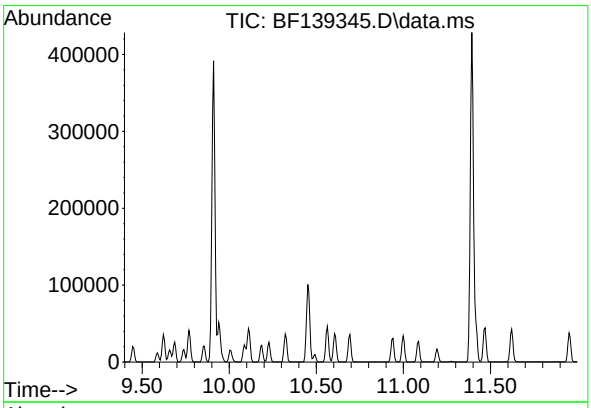
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 112483

Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.3	121.9
160	43.1	36.4	54.6



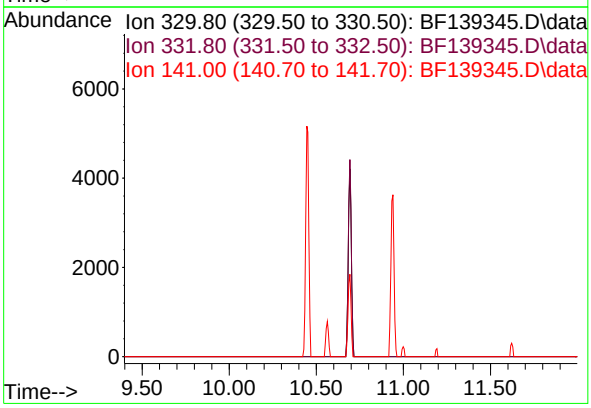


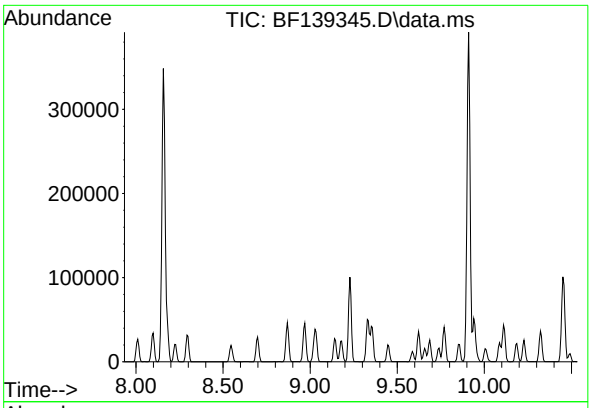
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.0
141	39.0





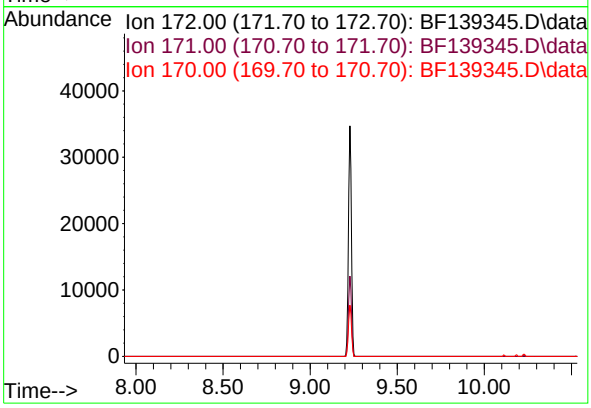
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.23 min

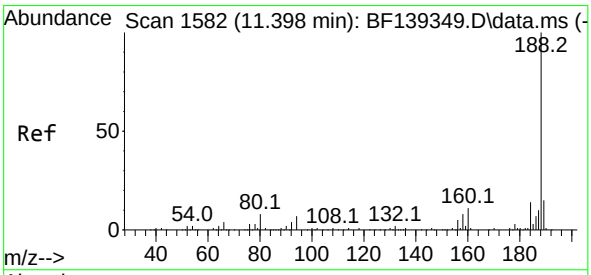
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

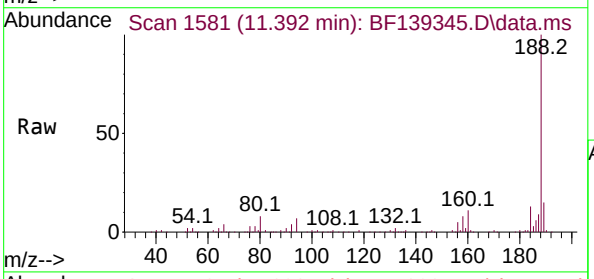
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

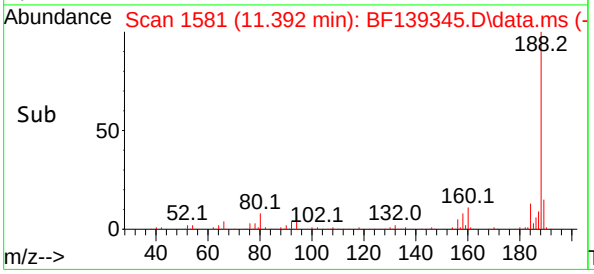
Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.4
170	23.8





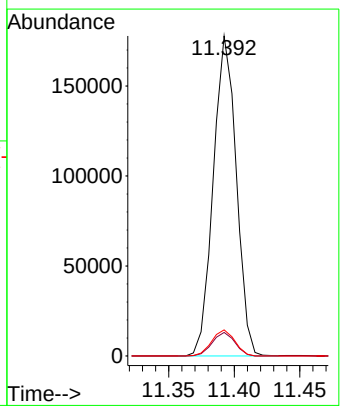


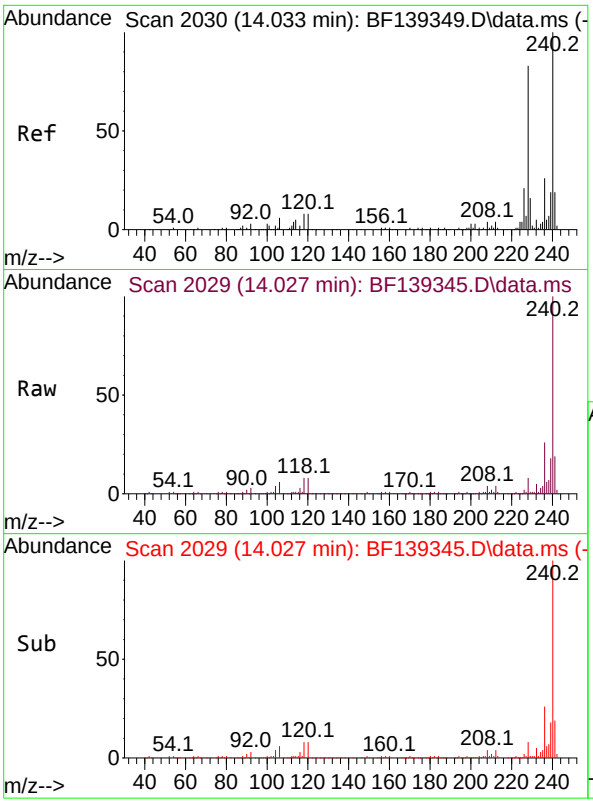


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion:188 Resp: 216754

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.2	6.6	9.8



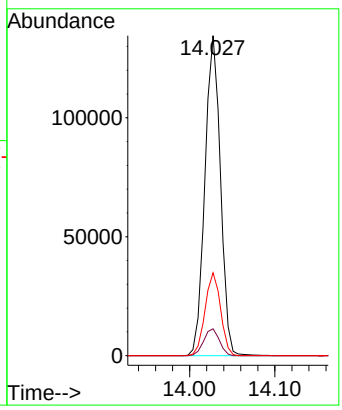


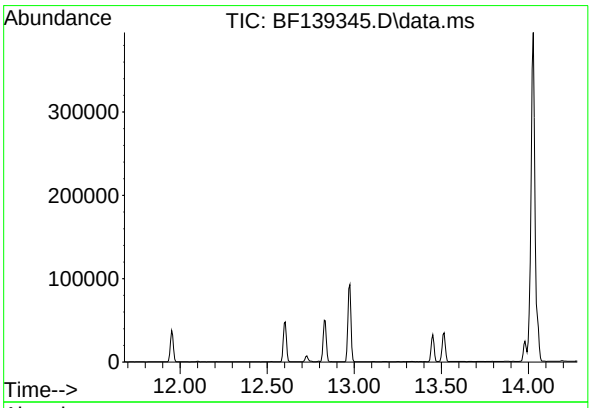
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 170430

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.2	9.2
236	25.9	20.9	31.3



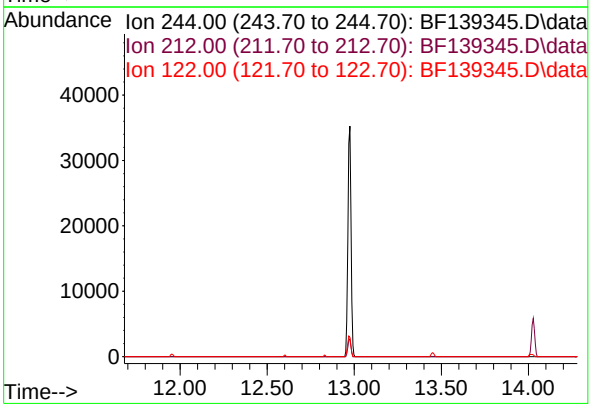


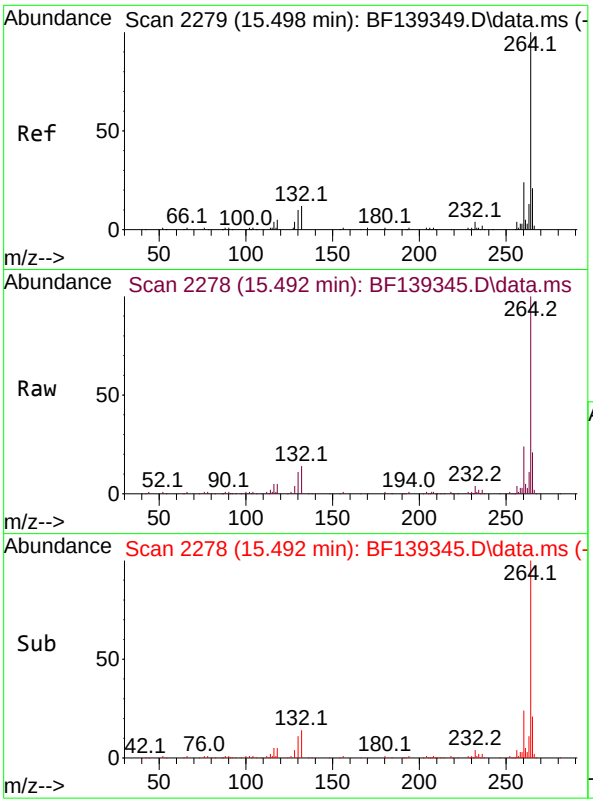
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.98 min

Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	9.5



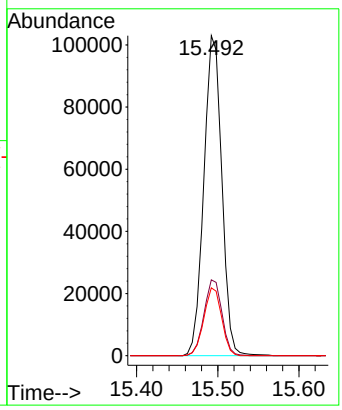


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 158055

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	16.6	25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139346.D
Acq On : 13 Sep 2024 15:00
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 14 02:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	50863	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	190085	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	105494	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	203939	20.000	ng		0.00
76) Chrysene-d12	14.027	240	151467	20.000	ng		0.00
86) Perylene-d12	15.492	264	123378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	31915	10.497	ng		0.00
7) Phenol-d6	6.493	99	41610	10.251	ng		-0.01
23) Nitrobenzene-d5	7.434	82	38883	10.642	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	11158	12.249	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	77537	11.346	ng		0.00
79) Terphenyl-d14	12.975	244	83334	8.883	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	7035	4.969	ng		96
3) Pyridine	3.422	79	13785	4.033	ng		96
4) n-Nitrosodimethylamine	3.352	42	11905	5.364	ng		99
6) Aniline	6.534	93	16052	4.301	ng		98
8) 2-Chlorophenol	6.657	128	16053	5.094	ng		96
9) Benzaldehyde	6.422	77	14231	5.792	ng		100
10) Phenol	6.504	94	21576	5.040	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	14911	4.861	ng		97
12) 1,3-Dichlorobenzene	6.816	146	19069	5.346	ng		98
13) 1,4-Dichlorobenzene	6.893	146	18785	5.262	ng		98
14) 1,2-Dichlorobenzene	7.045	146	18168	5.457	ng		98
15) Benzyl Alcohol	7.010	79	16238	5.486	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	25855	4.428	ng		98
17) 2-Methylphenol	7.122	107	12705	4.936	ng		99
18) Hexachloroethane	7.387	117	7153	5.610	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	12083	5.169	ng		91
20) 3+4-Methylphenols	7.275	107	17770	5.478	ng	#	82
22) Acetophenone	7.281	105	24740	5.463	ng		97
24) Nitrobenzene	7.451	77	20611	5.315	ng		96
25) Isophorone	7.692	82	31252	5.003	ng		99
26) 2-Nitrophenol	7.775	139	7259	4.766	ng		97
27) 2,4-Dimethylphenol	7.804	122	10241	4.714	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	18745	5.036	ng		98
29) 2,4-Dichlorophenol	8.010	162	13756	5.289	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	16468	5.544	ng		98
31) Naphthalene	8.181	128	49576	5.150	ng		99
32) Benzoic acid	7.857	122	7778	3.931	ng		96
33) 4-Chloroaniline	8.228	127	14598	4.380	ng		98
34) Hexachlorobutadiene	8.298	225	10851	5.764	ng		96
35) Caprolactam	8.551	113	4150	5.154	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	14968	5.281	ng		96
37) 2-Methylnaphthalene	8.869	142	31958	5.306	ng		100
38) 1-Methylnaphthalene	8.969	142	31162	5.261	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	15812	5.298	ng		98
41) Hexachlorocyclopentadiene	9.022	237	5217	5.439	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	9966	5.103	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139346.D
Acq On : 13 Sep 2024 15:00
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 14 02:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

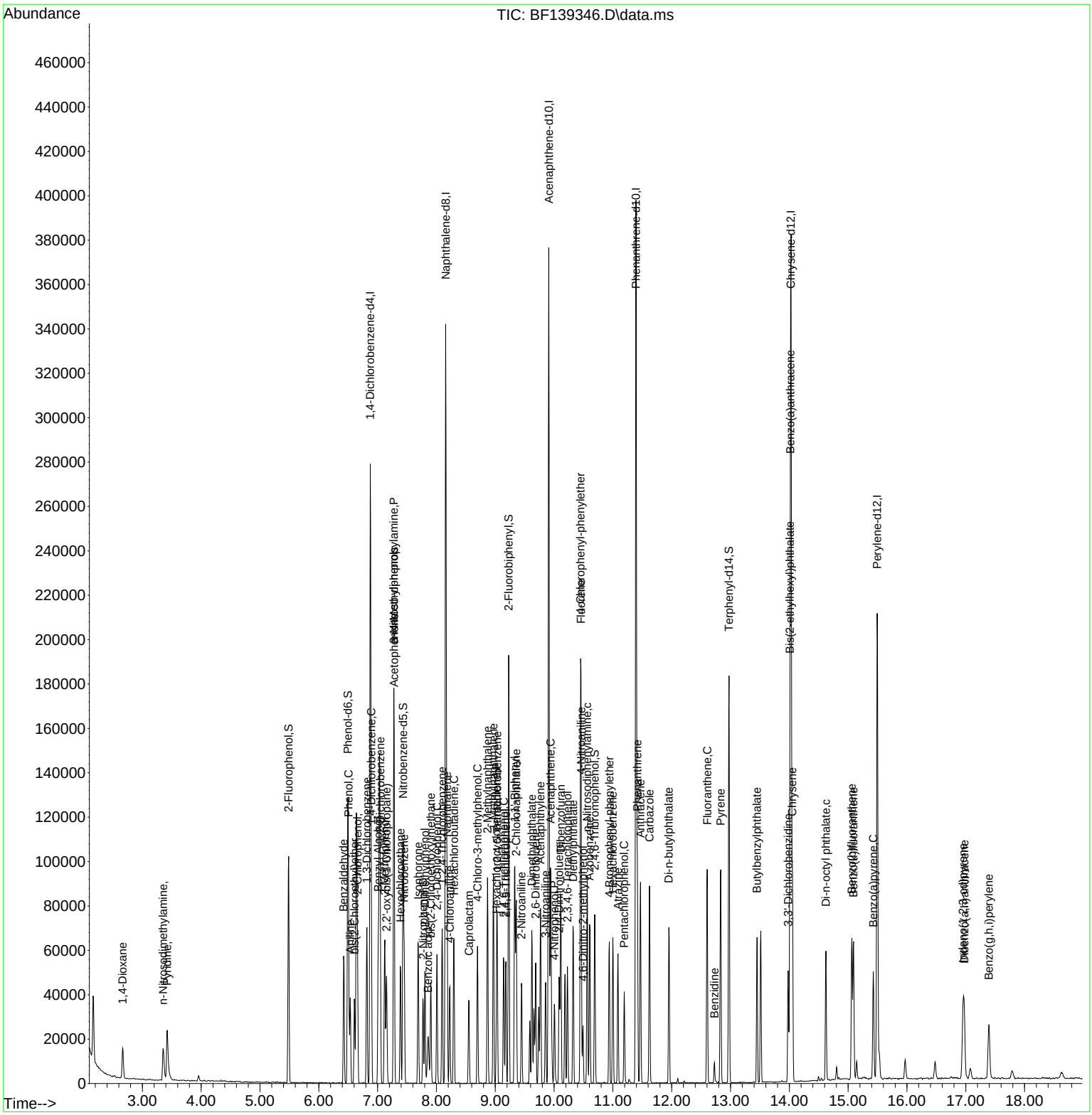
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	9970	4.872	ng		97
46) 1,1'-Biphenyl	9.334	154	42592	5.449	ng		97
47) 2-Chloronaphthalene	9.357	162	29802	5.050	ng		98
48) 2-Nitroaniline	9.445	65	10214	5.025	ng		91
49) Acenaphthylene	9.769	152	44722	5.031	ng		99
50) Dimethylphthalate	9.622	163	34763	5.437	ng		99
51) 2,6-Dinitrotoluene	9.686	165	6896	4.754	ng		86
52) Acenaphthene	9.939	154	31279	5.305	ng		99
53) 3-Nitroaniline	9.857	138	7356	4.760	ng	#	98
55) Dibenzofuran	10.116	168	44498	5.264	ng		98
56) 4-Nitrophenol	10.004	139	5945	5.212	ng		92
57) 2,4-Dinitrotoluene	10.086	165	9602	5.201	ng		97
58) Fluorene	10.457	166	36214	5.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	8352	5.185	ng		98
60) Diethylphthalate	10.322	149	35843	5.696	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	17706	5.602	ng		96
62) 4-Nitroaniline	10.463	138	7998	5.437	ng		98
63) Azobenzene	10.604	77	35354	5.331	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	3819	4.053	ng		93
66) n-Nitrosodiphenylamine	10.563	169	29638	4.993	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	9712	4.908	ng		93
68) Hexachlorobenzene	10.998	284	11835	5.225	ng		98
69) Atrazine	11.086	200	8924	6.516	ng		94
70) Pentachlorophenol	11.192	266	6290	4.807	ng		97
71) Phenanthrene	11.416	178	50027	5.251	ng		99
72) Anthracene	11.469	178	48204	5.179	ng		98
73) Carbazole	11.622	167	47039	5.408	ng		99
74) Di-n-butylphthalate	11.951	149	47689	5.354	ng		99
75) Fluoranthene	12.604	202	56089	5.872	ng		99
77) Benzidine	12.727	184	6607	2.166	ng		96
78) Pyrene	12.833	202	58177	3.976	ng		99
80) Butylbenzylphthalate	13.451	149	19663	5.709	ng		95
81) Benzo(a)anthracene	14.016	228	50501	5.221	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	14703	5.724	ng		97
83) Chrysene	14.051	228	47410	5.252	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	26039	6.441	ng		99
85) Di-n-octyl phthalate	14.621	149	36708	4.742	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	29213	3.790	ng		99
88) Benzo(b)fluoranthene	15.063	252	39600	5.573	ng		100
89) Benzo(k)fluoranthene	15.092	252	37654	5.910	ng		99
90) Benzo(a)pyrene	15.427	252	30914	5.124	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	23740	3.738	ng		98
92) Benzo(g,h,i)perylene	17.392	276	24841	3.789	ng		98

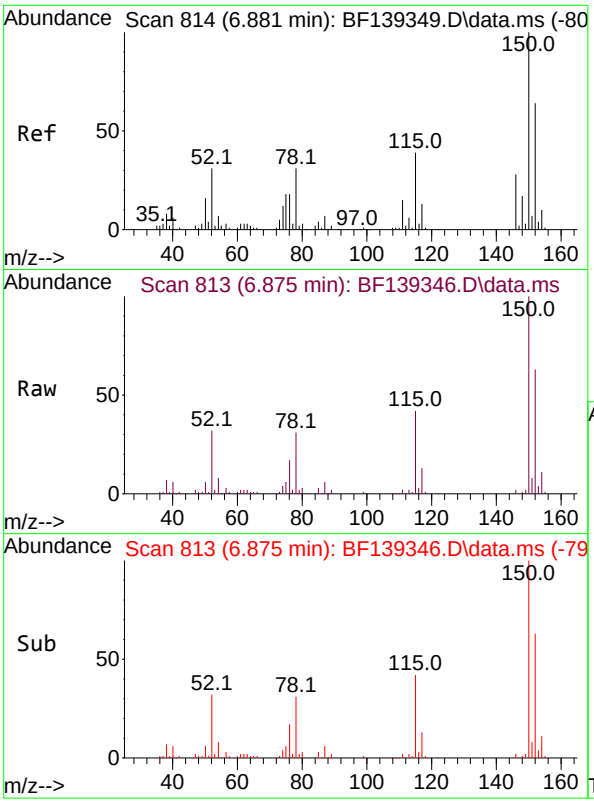
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139346.D
Acq On : 13 Sep 2024 15:00
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 14 02:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



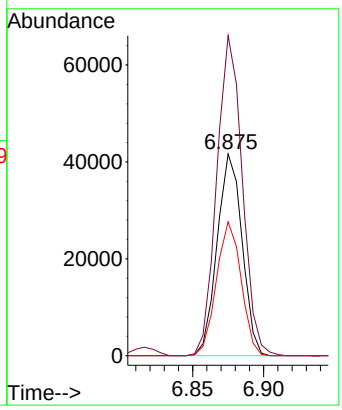


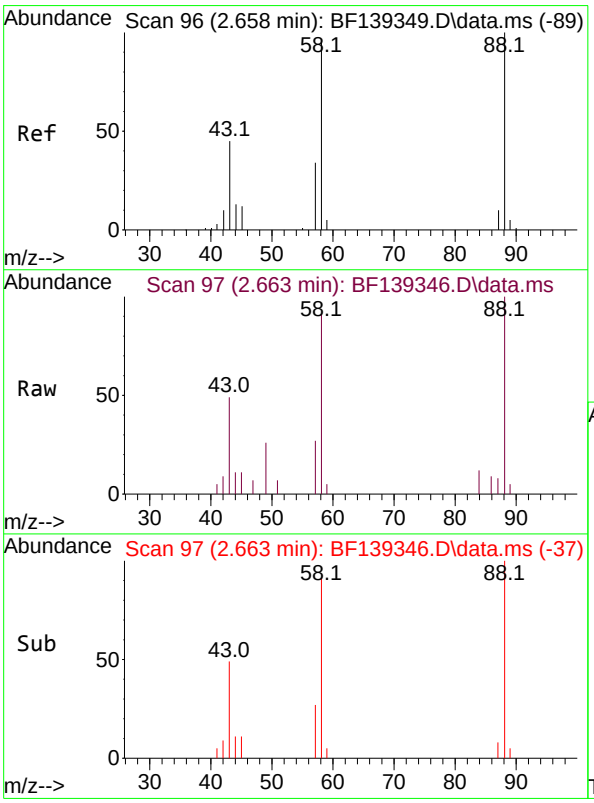
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 50863

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.1	186.1
115	66.4	48.1	72.1

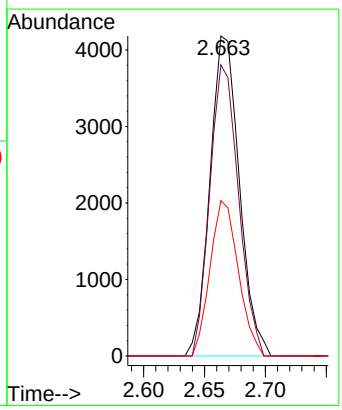


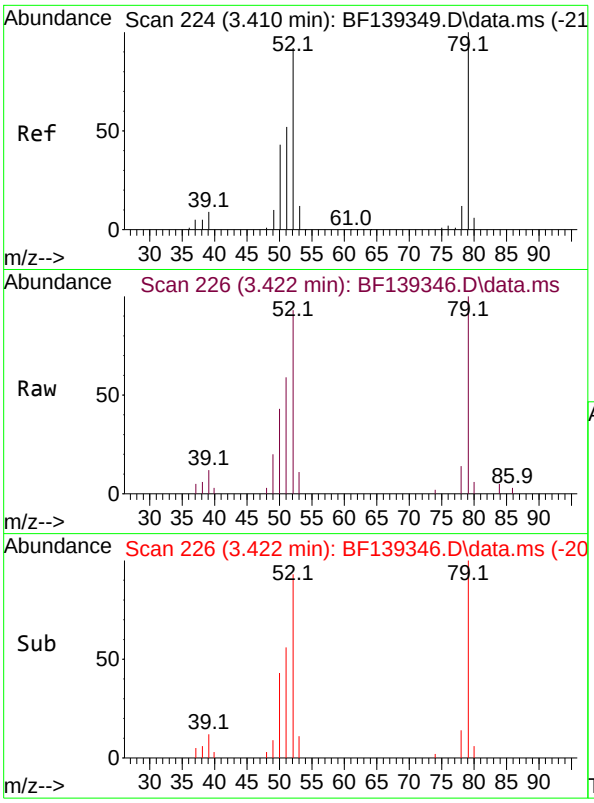


#2
1,4-Dioxane
Concen: 4.969 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 88 Resp: 7035

Ion	Ratio	Lower	Upper
88	100		
58	88.5	74.8	112.2
43	46.7	36.4	54.6



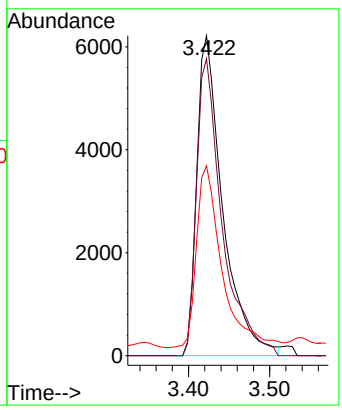


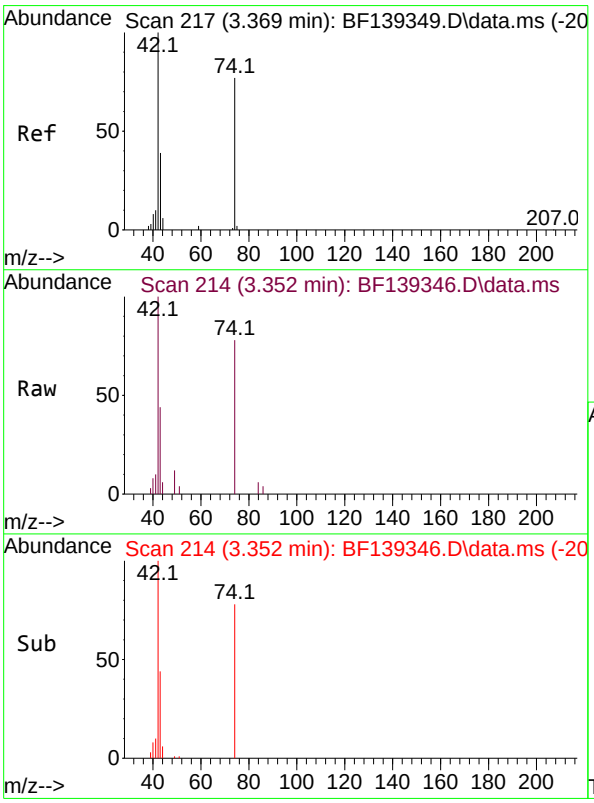
#3
Pyridine
Concen: 4.033 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 13785

Ion	Ratio	Lower	Upper
79	100		
52	92.8	73.8	110.8
51	59.4	41.8	62.6

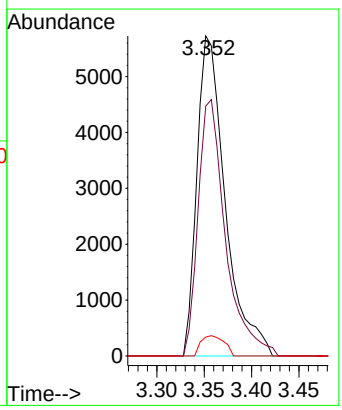


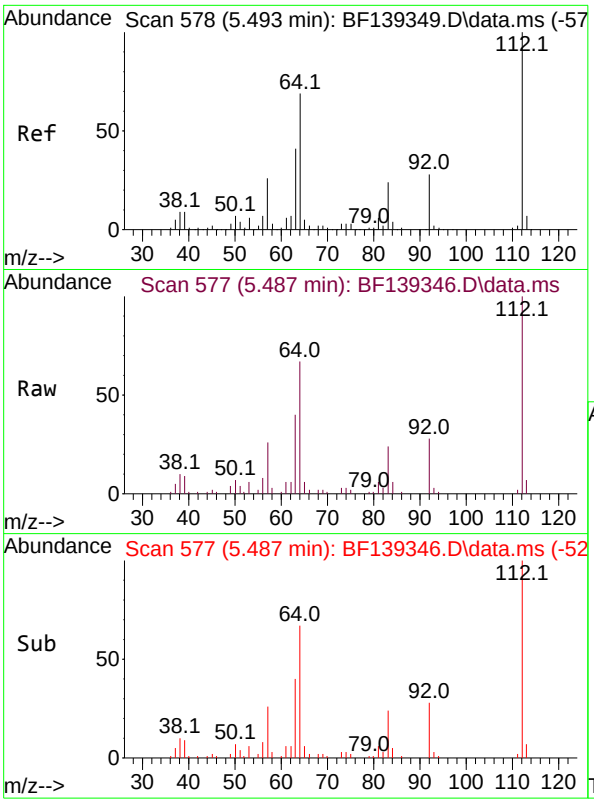


#4
n-Nitrosodimethylamine
Concen: 5.364 ng
RT: 3.352 min Scan# 214
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 42 Resp: 11905

Ion	Ratio	Lower	Upper
42	100		
74	78.1	61.8	92.8
44	5.9	4.8	7.2



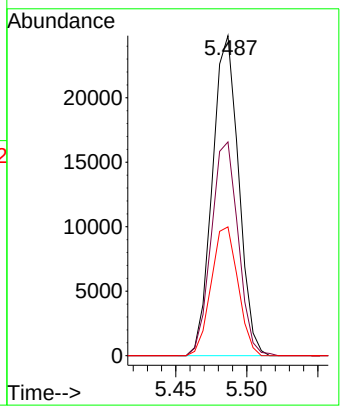


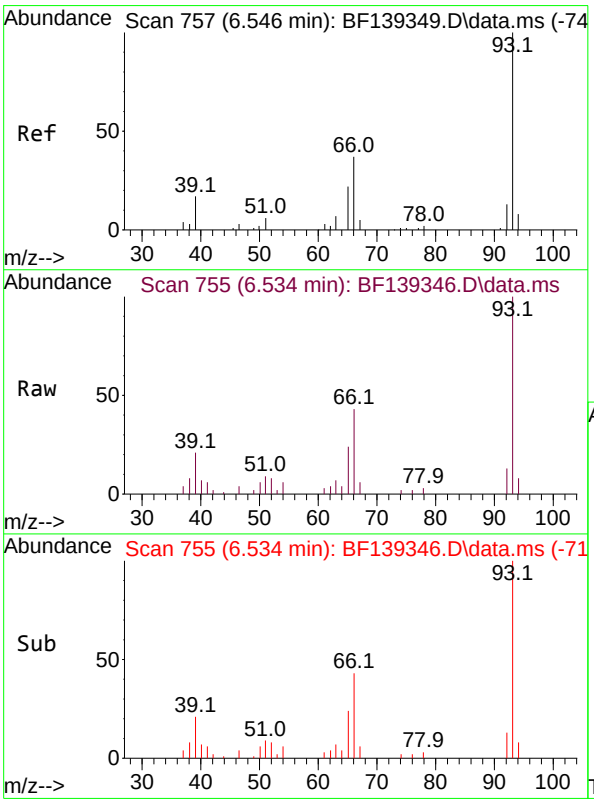
#5
2-Fluorophenol
Concen: 10.497 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 31915

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.8	82.2
63	40.2	33.0	49.4

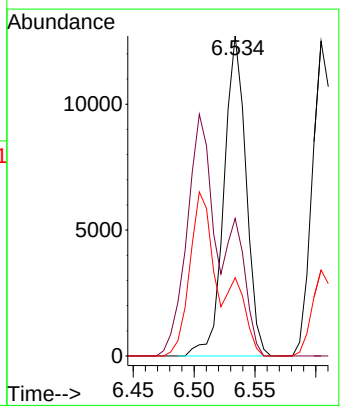


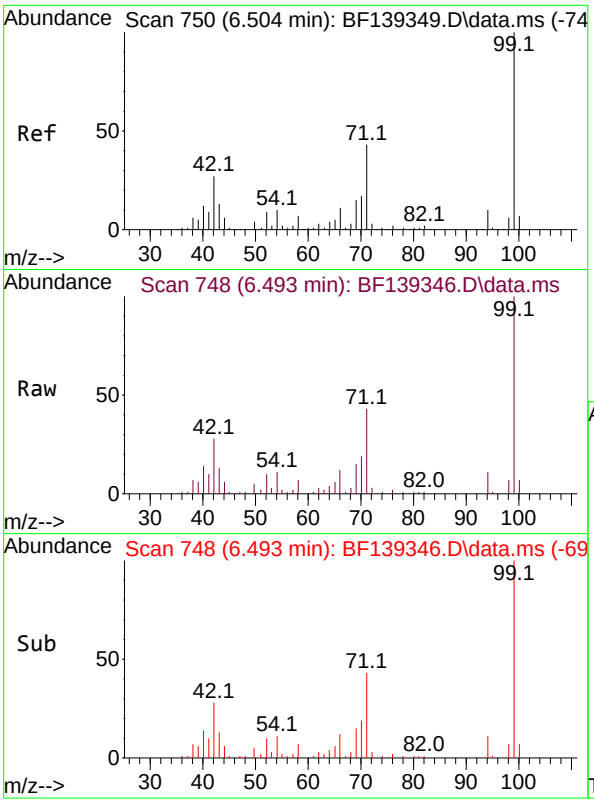


#6
Aniline
Concen: 4.301 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.035 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 93 Resp: 16052

Ion	Ratio	Lower	Upper
93	100		
66	43.0	35.4	53.0
65	24.4	18.2	27.4



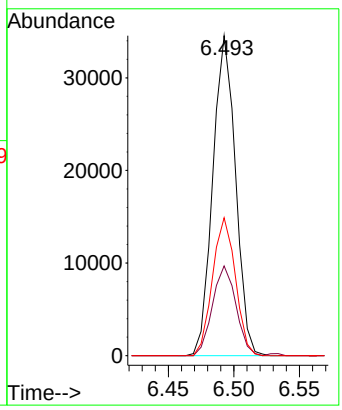


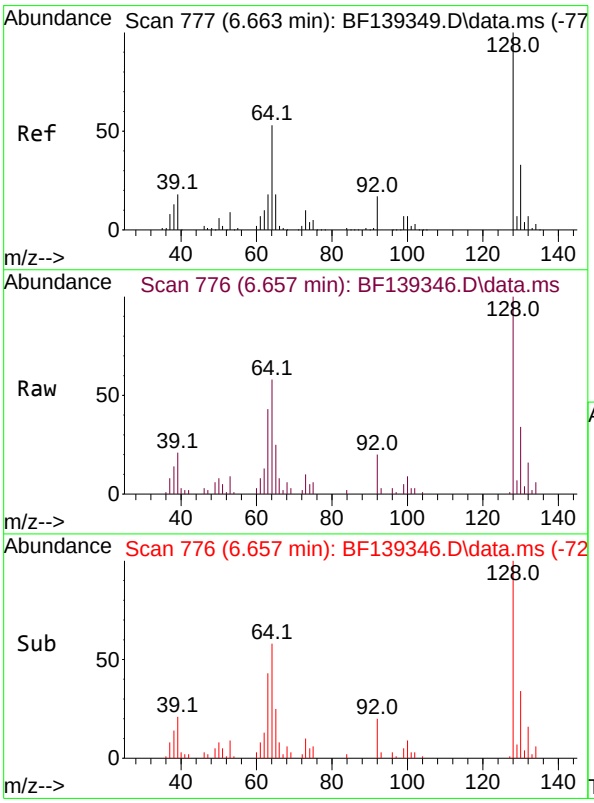
#7
Phenol-d6
Concen: 10.251 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 41610

Ion	Ratio	Lower	Upper
99	100		
42	28.1	21.9	32.9
71	43.1	34.6	52.0

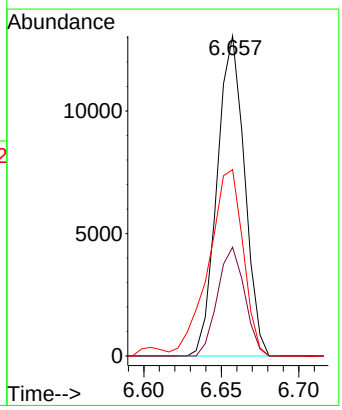


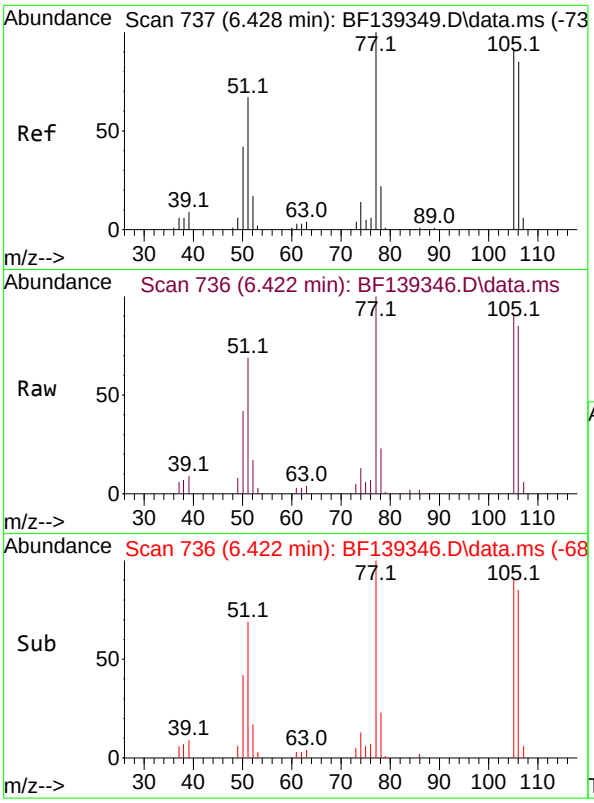


#8
2-Chlorophenol
Concen: 5.094 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:128 Resp: 16053

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.8	52.8
64	58.2	35.1	75.1



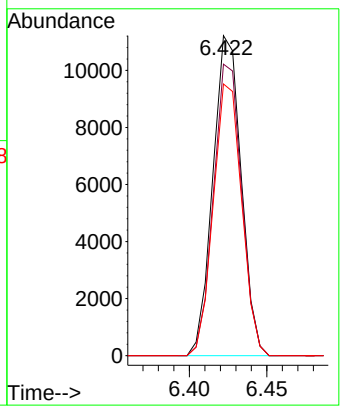


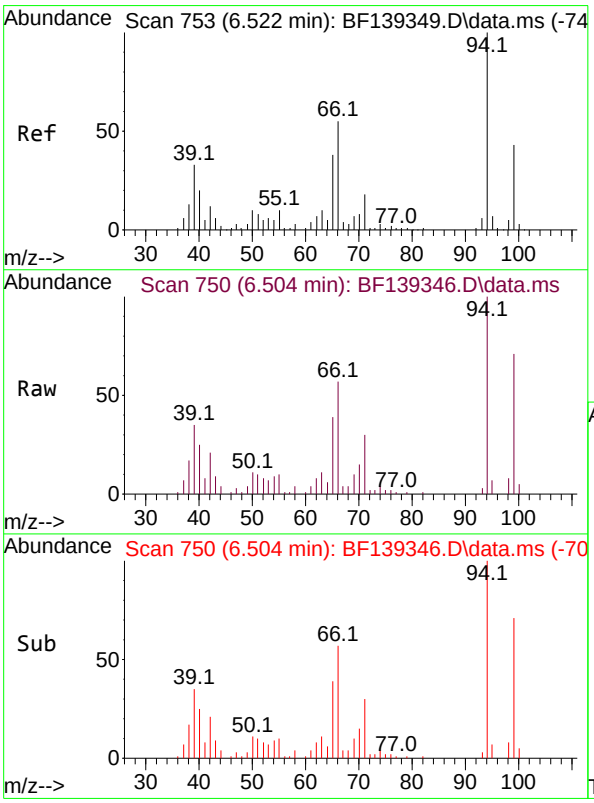
#9
Benzaldehyde
Concen: 5.792 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 14231

Ion	Ratio	Lower	Upper
77	100		
105	91.1	71.0	111.0
106	84.9	64.9	104.9

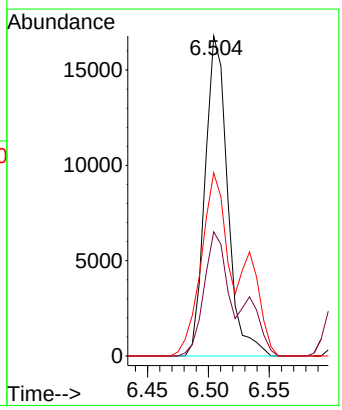


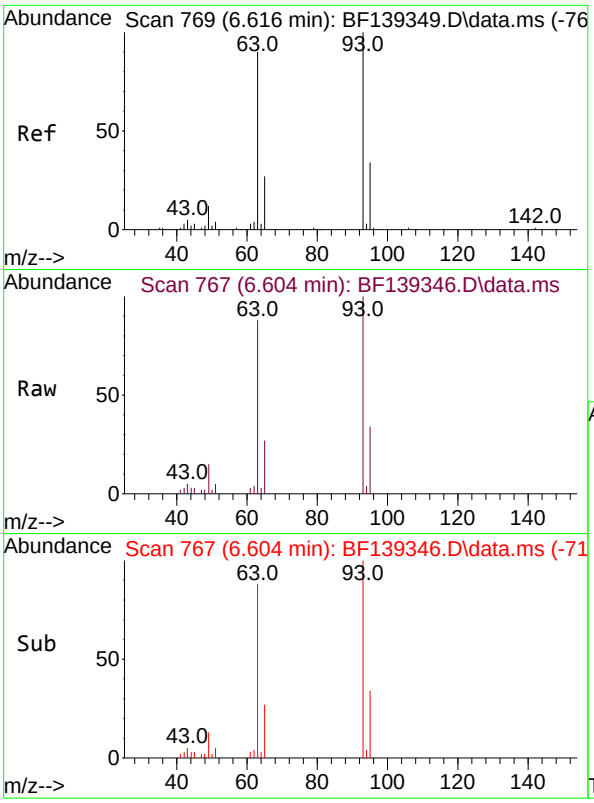


#10
Phenol
Concen: 5.040 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 94 Resp: 21576

Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.6	57.6
66	57.2	35.2	75.2



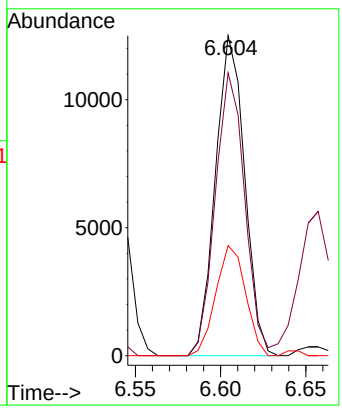


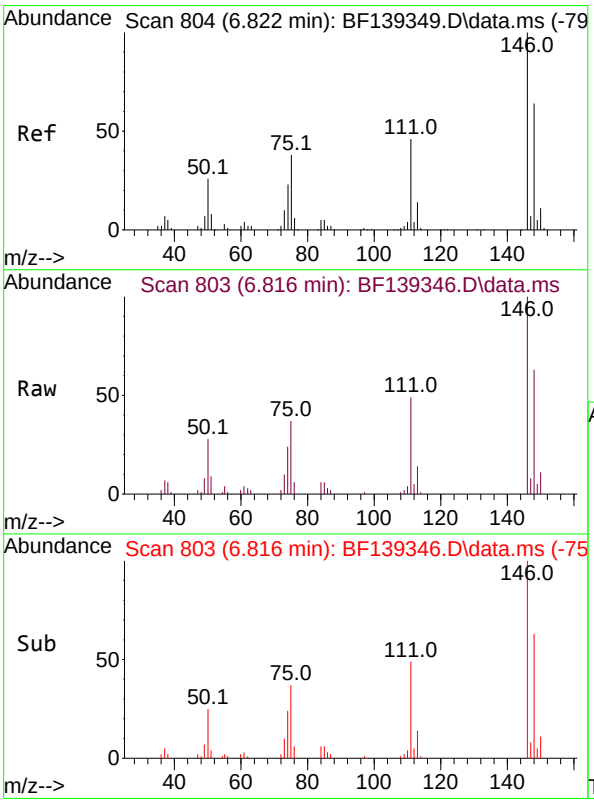
#11
bis(2-Chloroethyl)ether
Concen: 4.861 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 14911

Ion	Ratio	Lower	Upper
93	100		
63	88.4	65.3	105.3
95	34.4	12.4	52.4

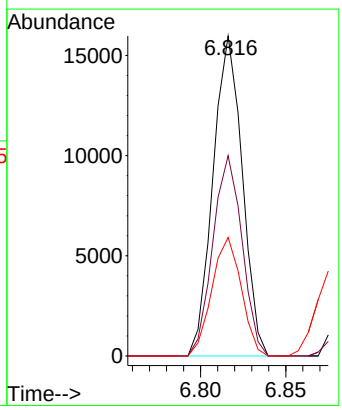


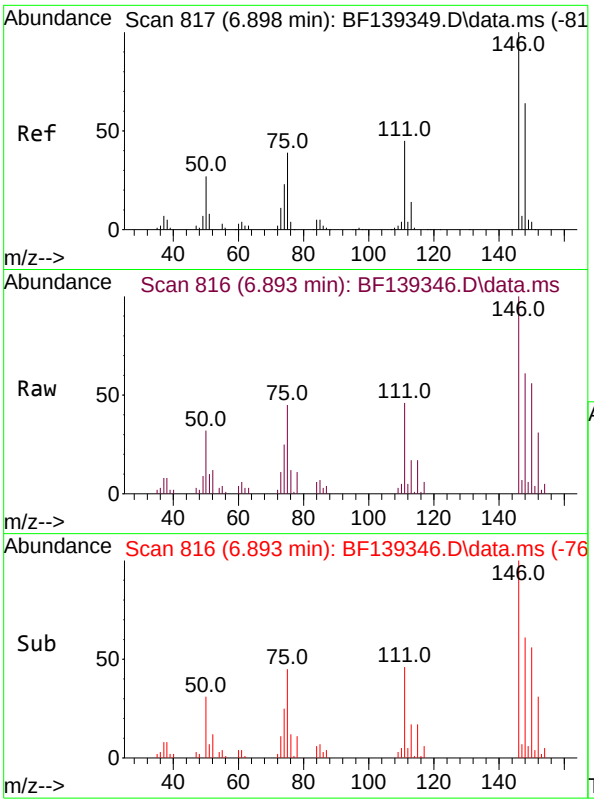


#12
1,3-Dichlorobenzene
Concen: 5.346 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:146 Resp: 19069

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.2	76.8
75	37.0	30.6	46.0



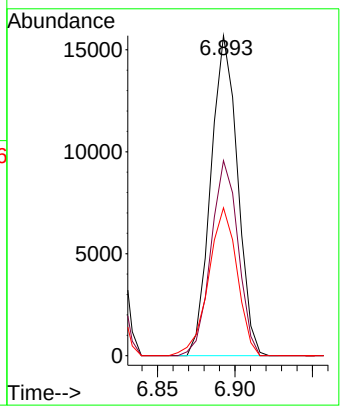


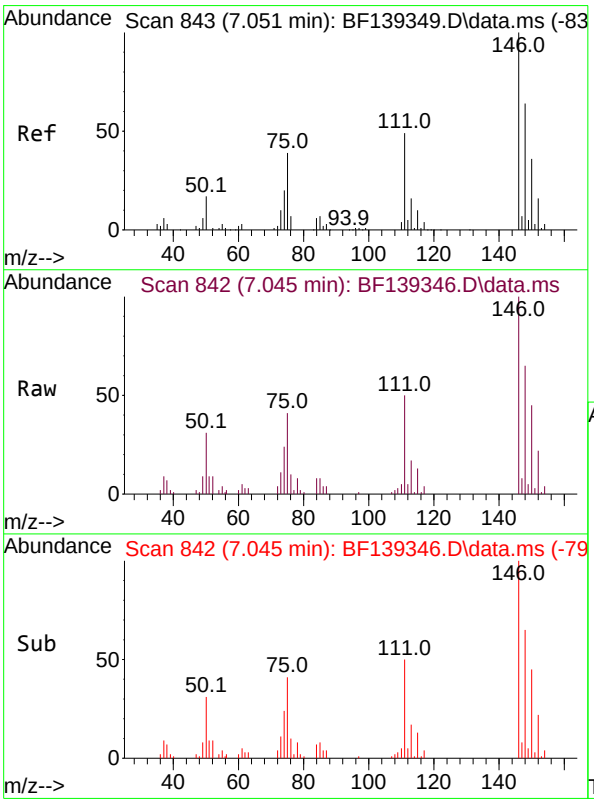
#13
1,4-Dichlorobenzene
Concen: 5.262 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 18785

Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.9	76.3
111	46.2	36.3	54.5

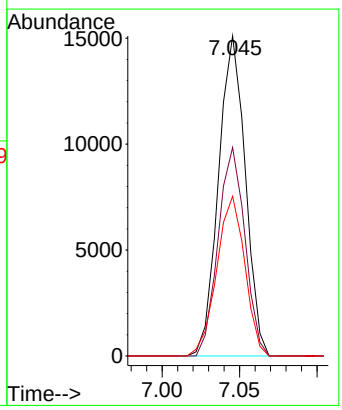


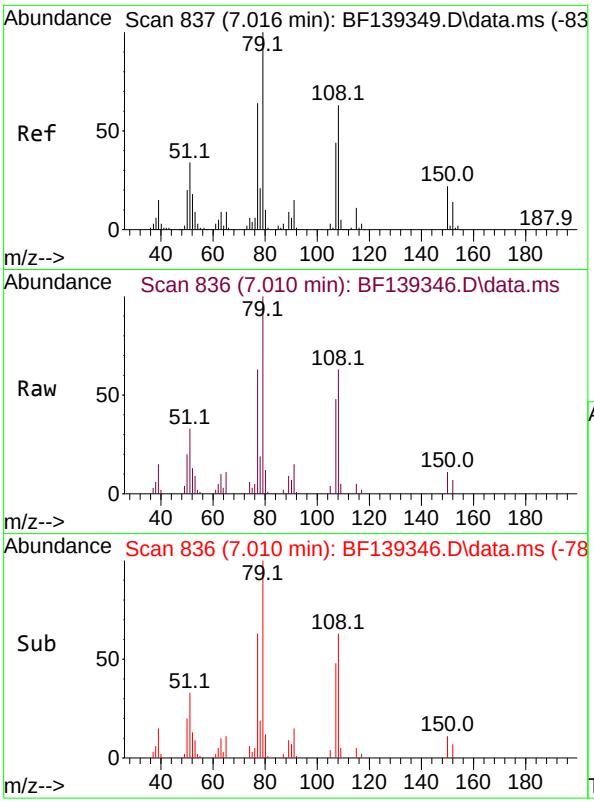


#14
1,2-Dichlorobenzene
Concen: 5.457 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:146 Resp: 18168

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
111	49.9	38.9	58.3



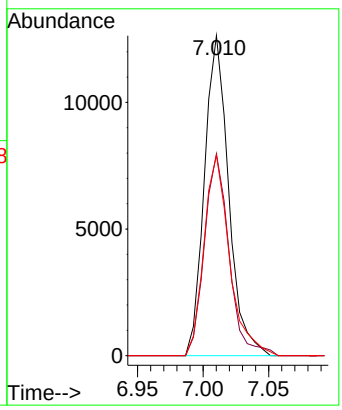


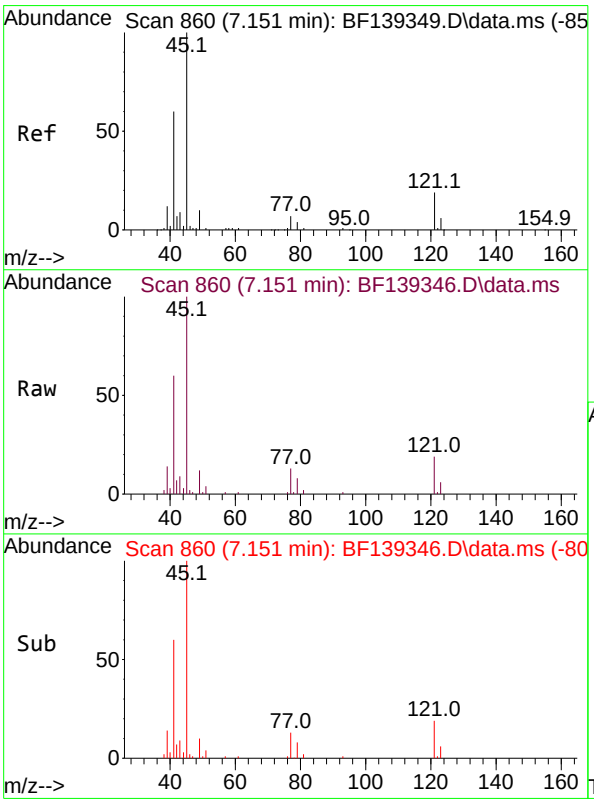
#15
Benzyl Alcohol
Concen: 5.486 ng
RT: 7.010 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 16238

Ion	Ratio	Lower	Upper
79	100		
108	63.1	50.4	75.6
77	62.7	51.4	77.2

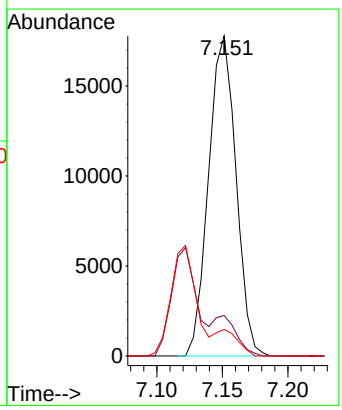


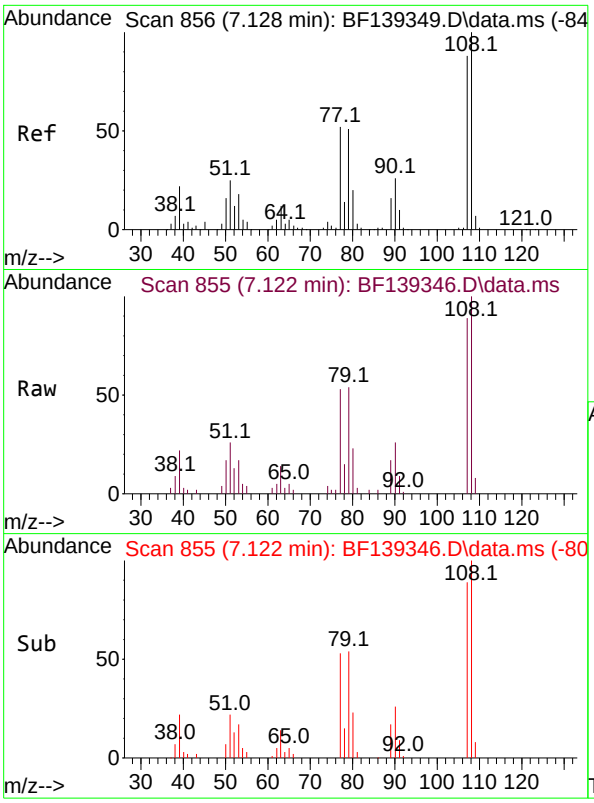


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.428 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 45 Resp: 25855

Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.0
79	8.3	0.0	29.1



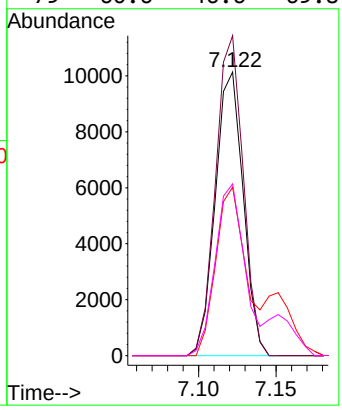


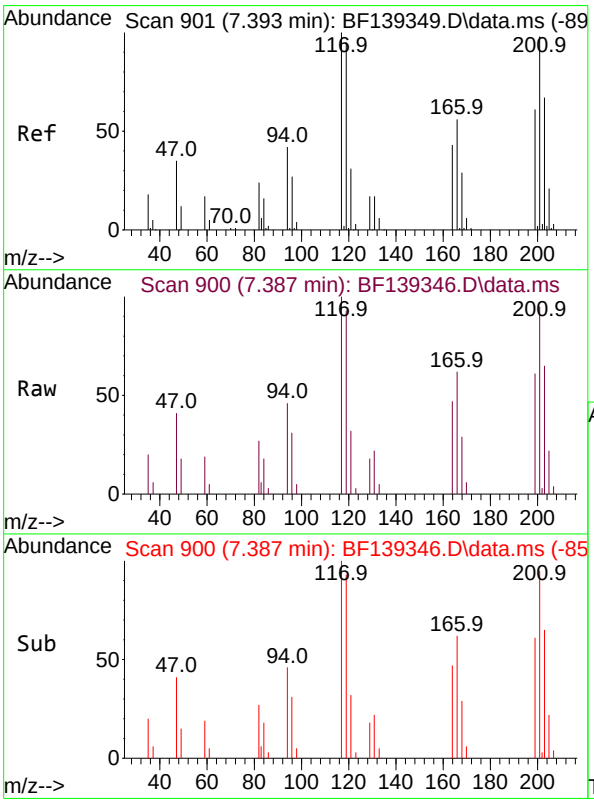
#17
2-Methylphenol
Concen: 4.936 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 12705

Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.5	135.7
77	59.4	47.1	70.7
79	60.6	46.6	69.8

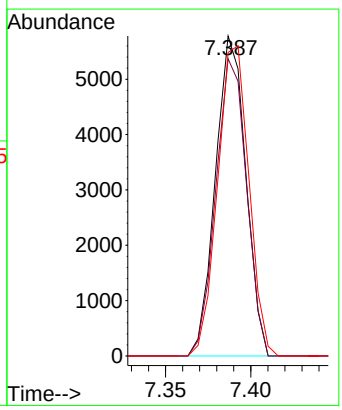


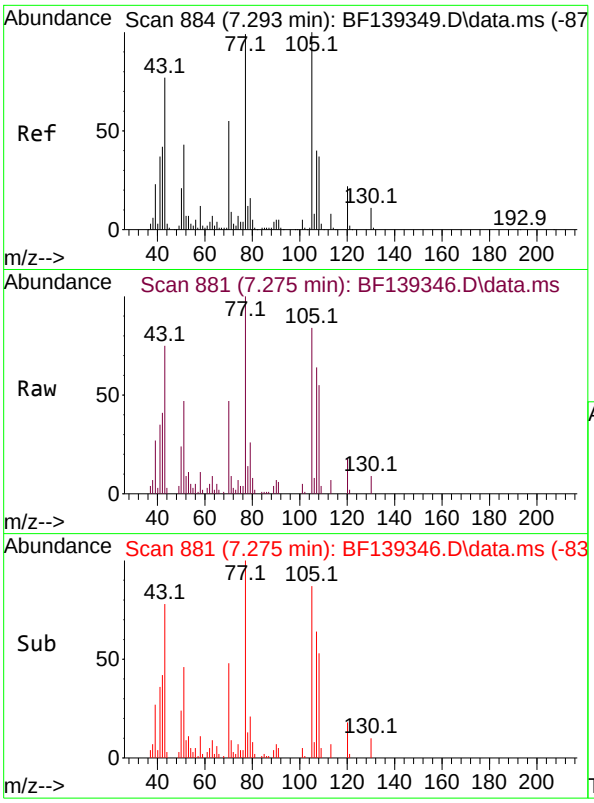


#18
Hexachloroethane
Concen: 5.610 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:117 Resp: 7153

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	94.8	78.6	118.0



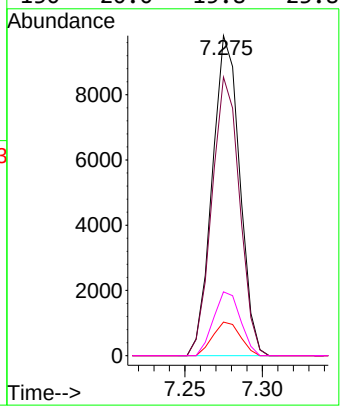


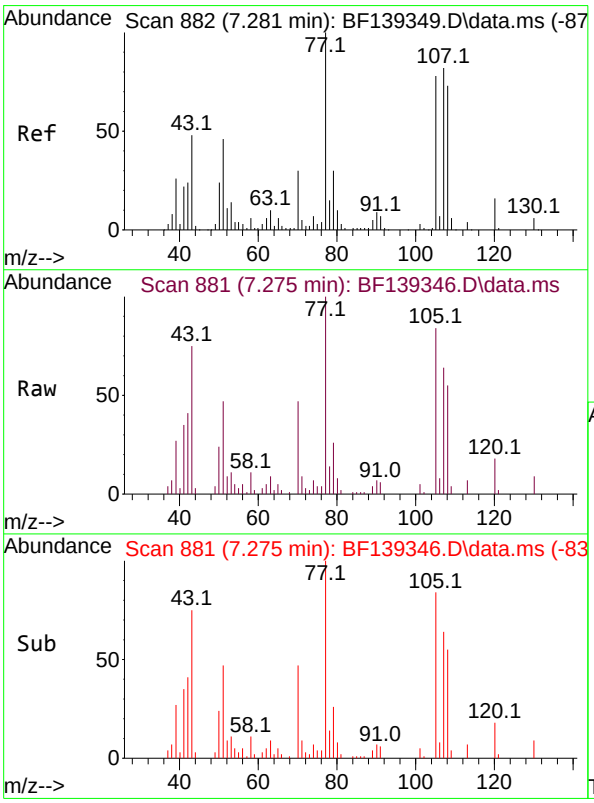
#19
n-Nitroso-di-n-propylamine
Concen: 5.169 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 12083

Ion	Ratio	Lower	Upper
70	100		
42	87.1	61.2	91.8
101	10.5	7.5	11.3
130	20.0	15.8	23.8

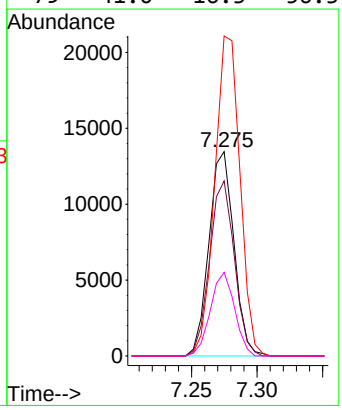


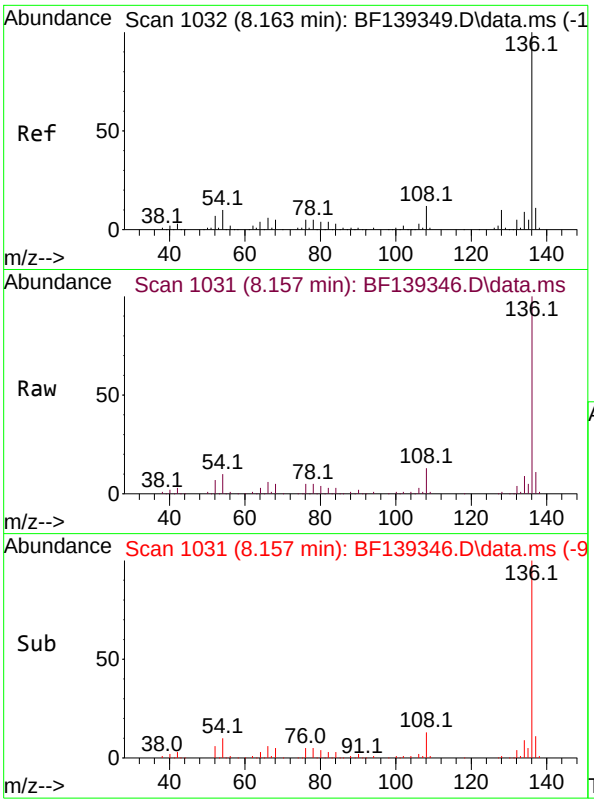


#20
3+4-Methylphenols
Concen: 5.478 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:107 Resp: 17770

Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.6	108.6
77	156.6	101.6	141.6#
79	41.0	16.3	56.3



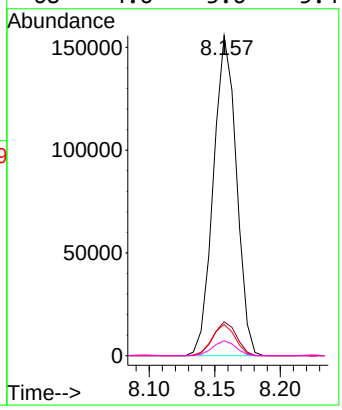


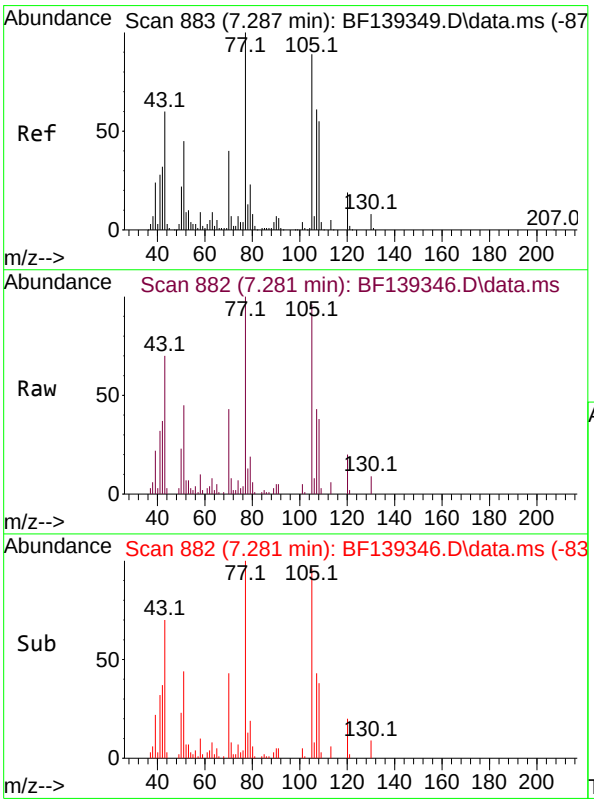
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 190085

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.7	7.8	11.8
68	4.6	3.6	5.4

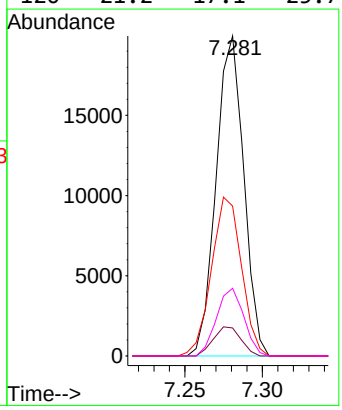


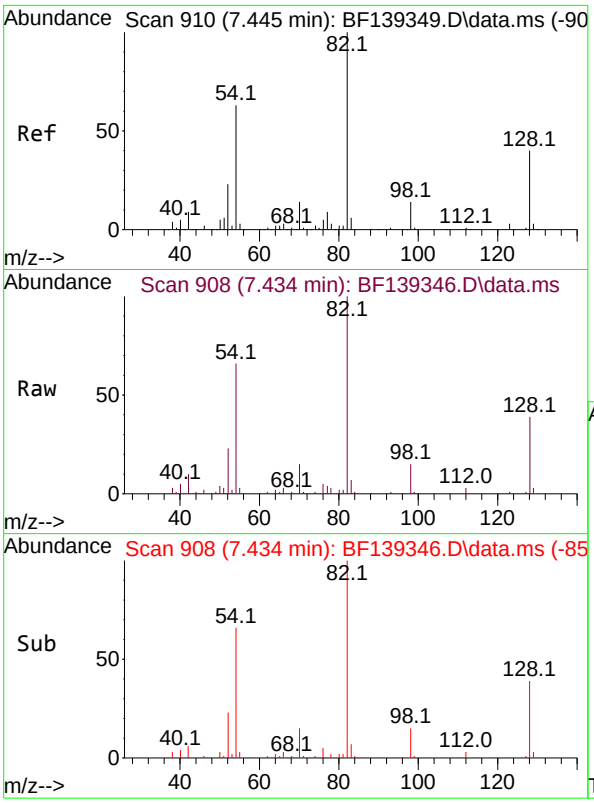


#22
Acetophenone
Concen: 5.463 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:105 Resp: 24740

Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.9	8.9
51	46.9	40.0	60.0
120	21.2	17.1	25.7



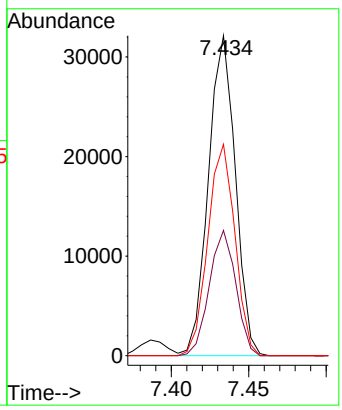


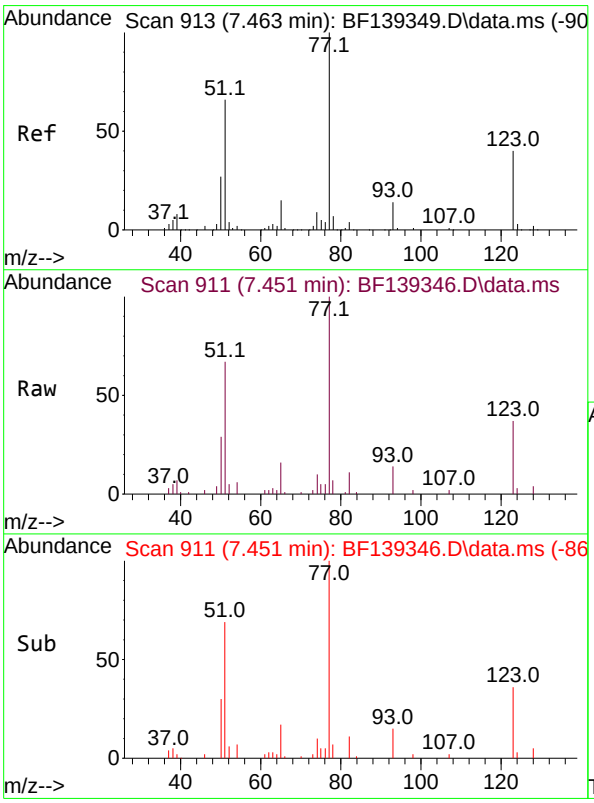
#23
Nitrobenzene-d5
Concen: 10.642 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 38883

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	66.1	50.6	75.8

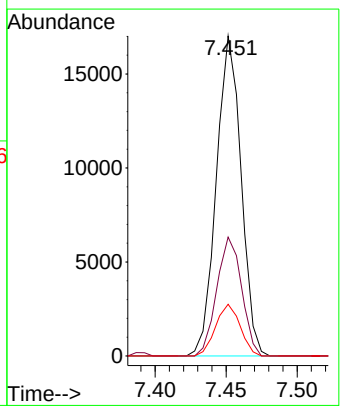


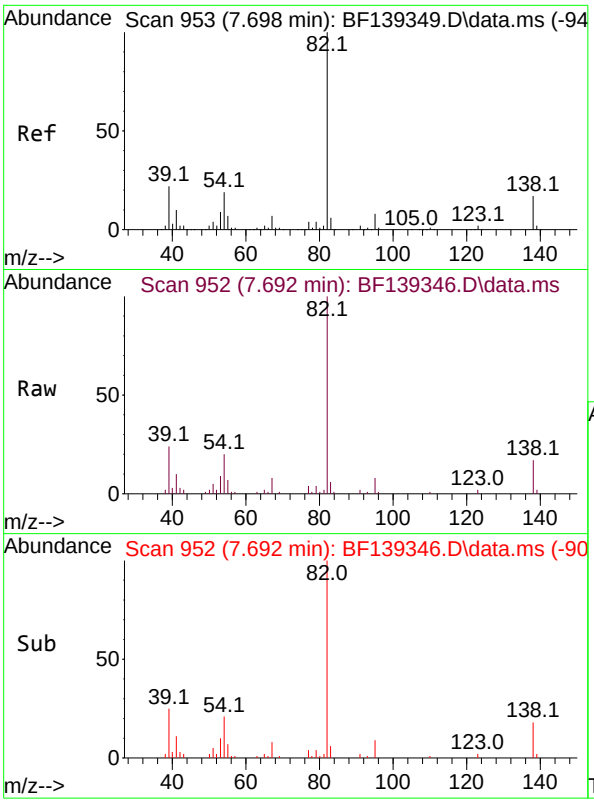


#24
Nitrobenzene
Concen: 5.315 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 77 Resp: 20611

Ion	Ratio	Lower	Upper
77	100		
123	37.1	32.2	48.4
65	16.2	12.2	18.4



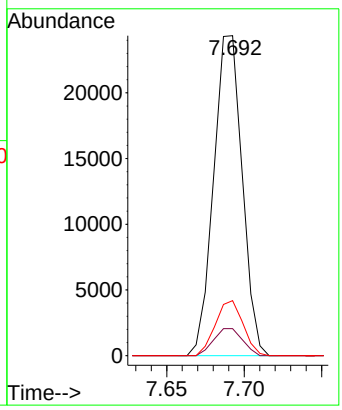


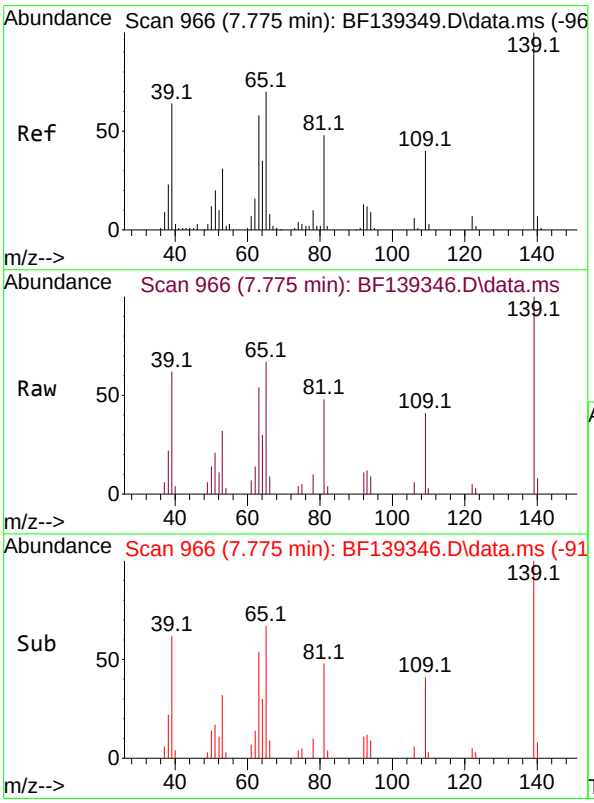
#25
Isophorone
Concen: 5.003 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 31252

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	17.2	13.3	19.9

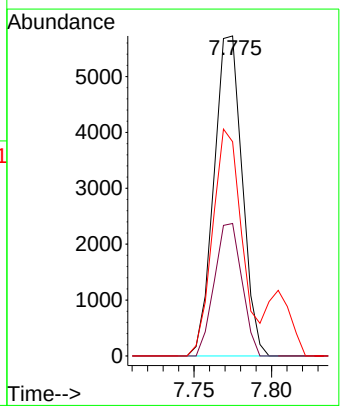


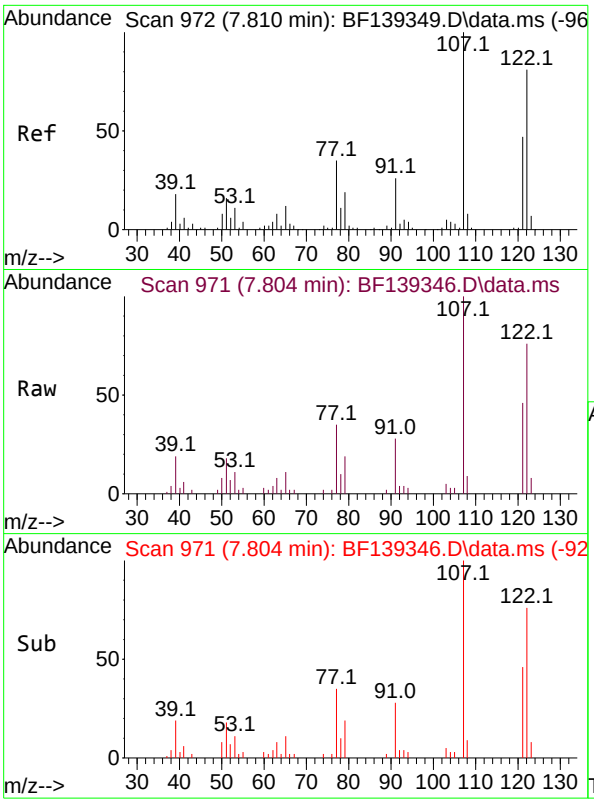


#26
2-Nitrophenol
Concen: 4.766 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:139 Resp: 7259

Ion	Ratio	Lower	Upper
139	100		
109	41.4	32.2	48.2
65	67.0	55.8	83.8



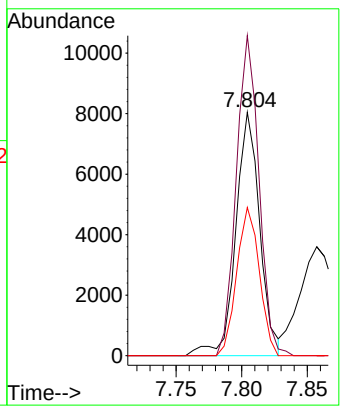


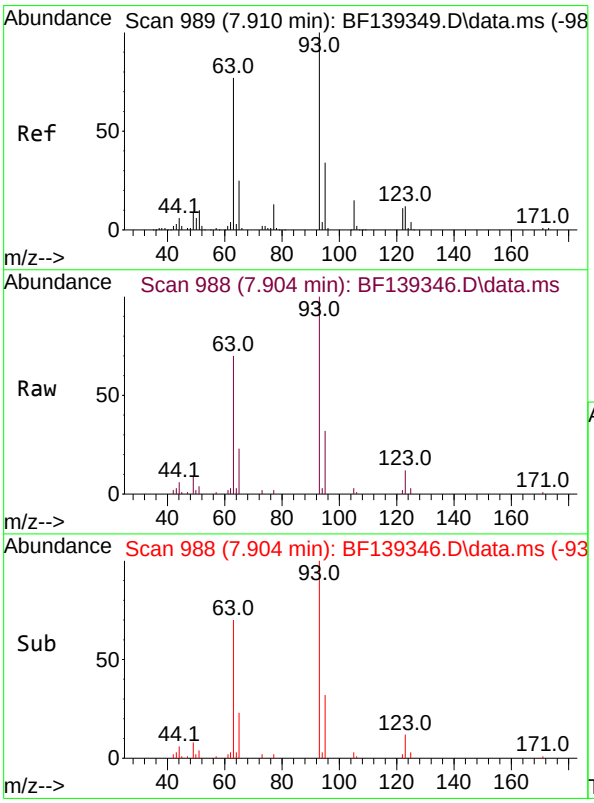
#27
2,4-Dimethylphenol
Concen: 4.714 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 10241

Ion	Ratio	Lower	Upper
122	100		
107	131.5	99.1	148.7
121	60.9	46.6	70.0

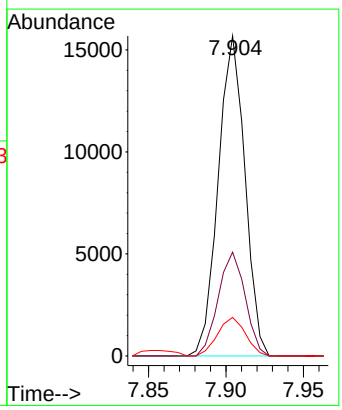


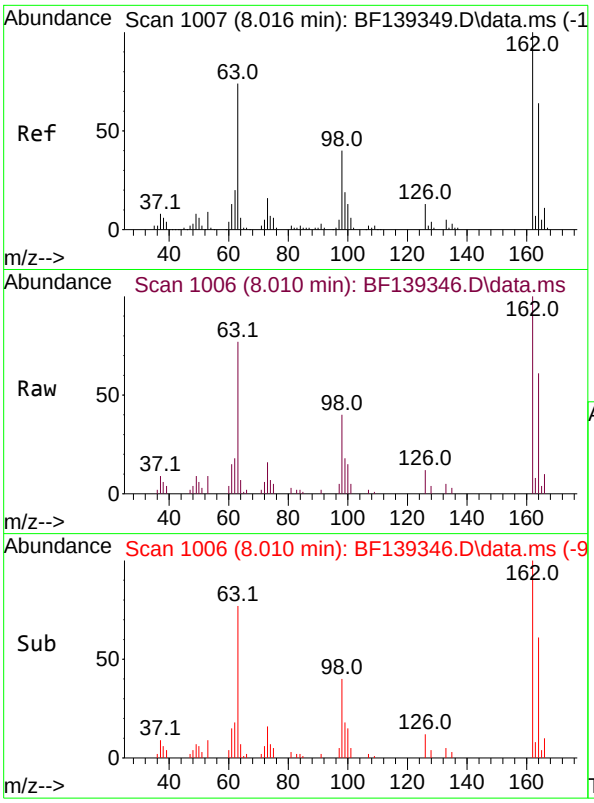


#28
bis(2-Chloroethoxy)methane
Concen: 5.036 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 93 Resp: 18745

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.9	40.3
123	12.1	10.0	15.0



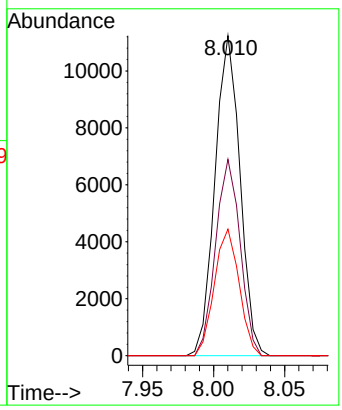


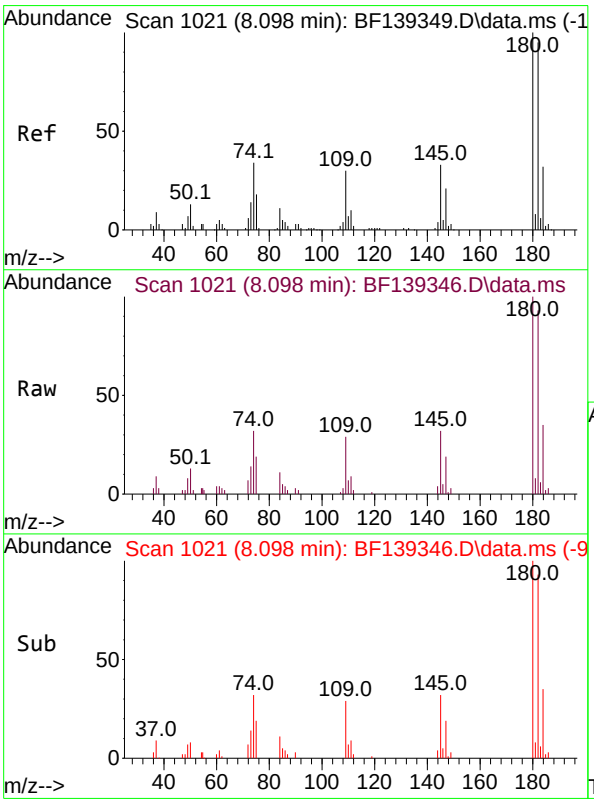
#29
2,4-Dichlorophenol
Concen: 5.289 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 13756

Ion	Ratio	Lower	Upper
162	100		
164	61.3	43.6	83.6
98	39.6	19.7	59.7

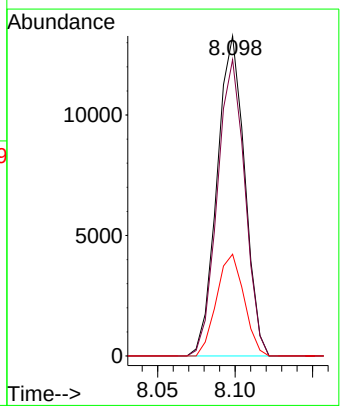


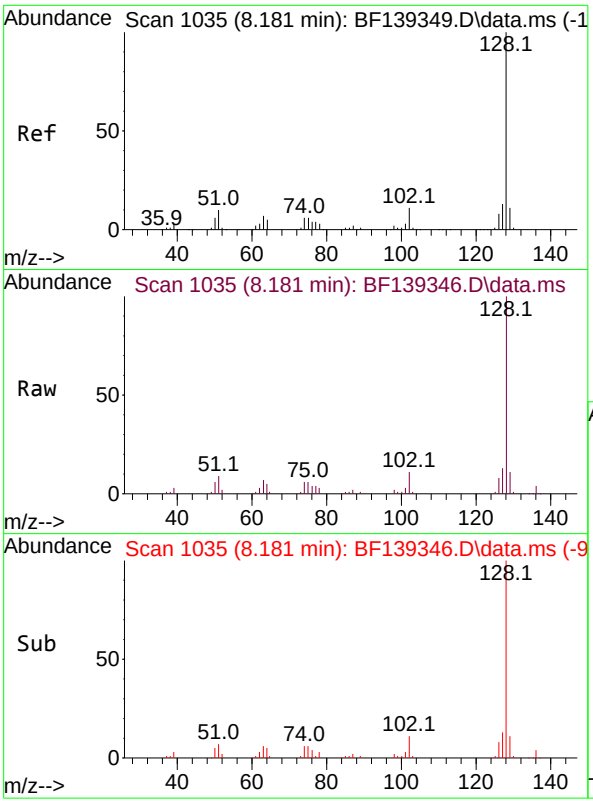


#30
1,2,4-Trichlorobenzene
Concen: 5.544 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:180 Resp: 16468

Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.7	113.5
145	31.8	26.5	39.7



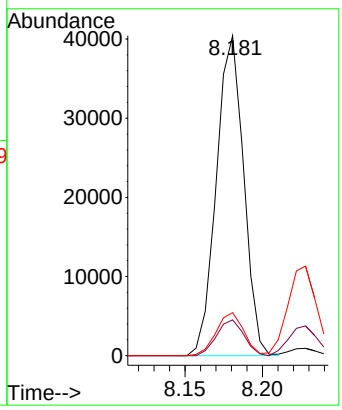


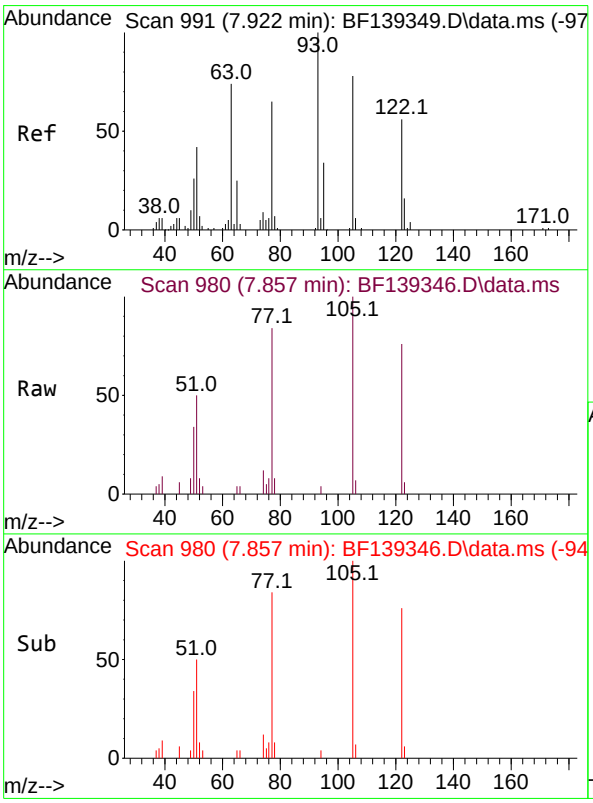
#31
Naphthalene
Concen: 5.150 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 49576

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.4	10.6	16.0

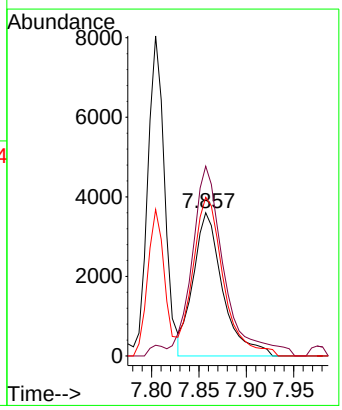


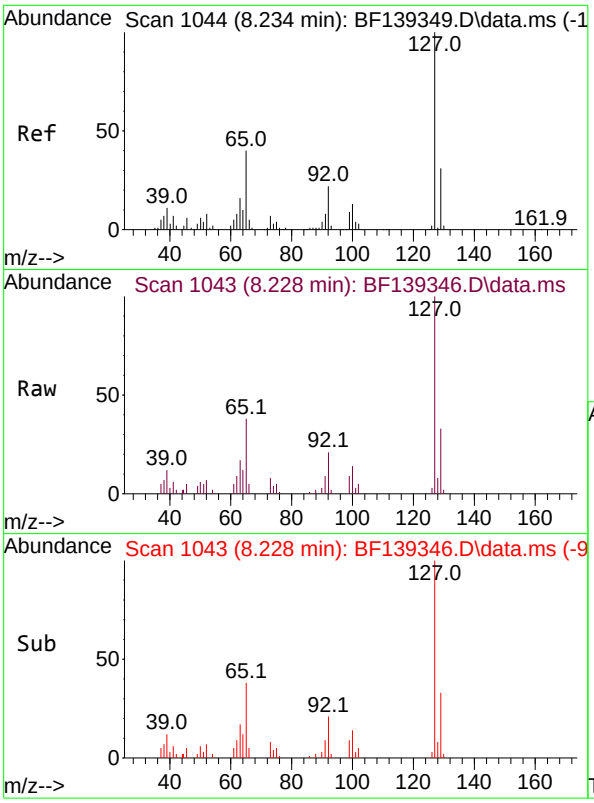


#32
Benzoic acid
Concen: 3.931 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.065 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:122 Resp: 7778

Ion	Ratio	Lower	Upper
122	100		
105	132.4	117.1	157.1
77	110.8	95.4	135.4



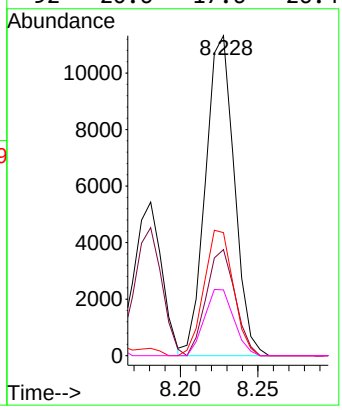


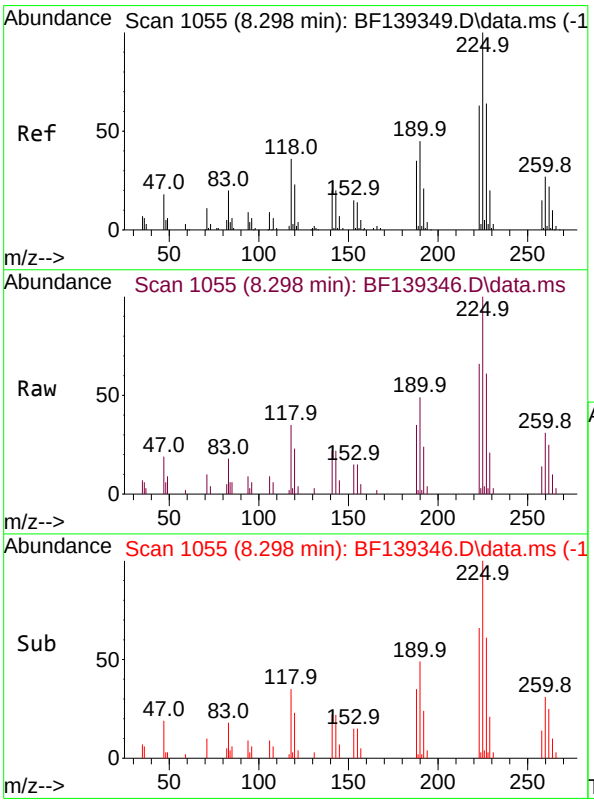
#33
4-Chloroaniline
Concen: 4.380 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 14598

Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.5	38.3
65	38.5	31.5	47.3
92	20.6	17.6	26.4

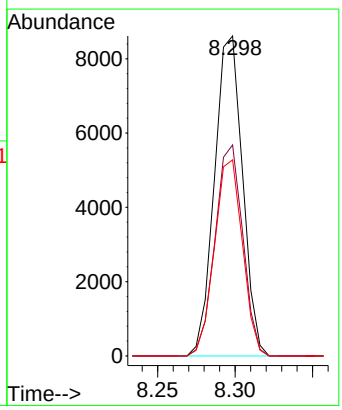


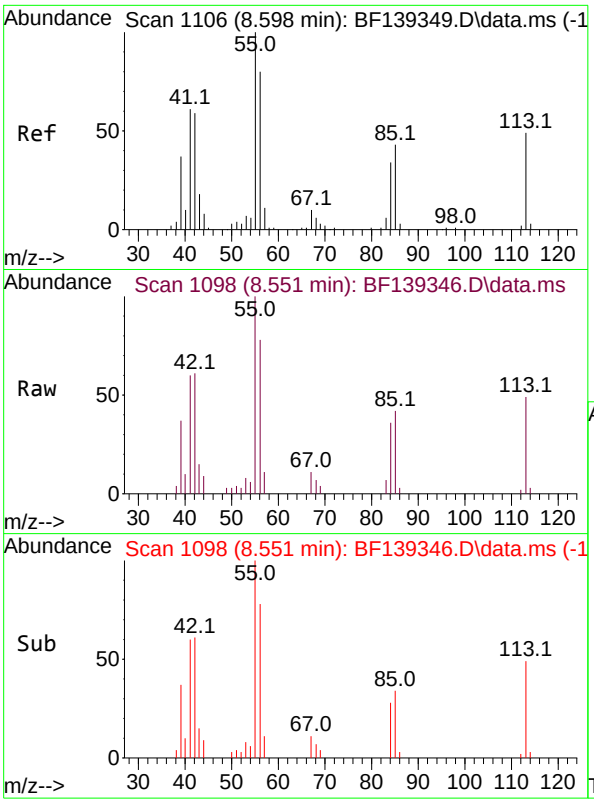


#34
Hexachlorobutadiene
Concen: 5.764 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:225 Resp: 10851

Ion	Ratio	Lower	Upper
225	100		
223	66.0	50.1	75.1
227	61.3	51.0	76.6



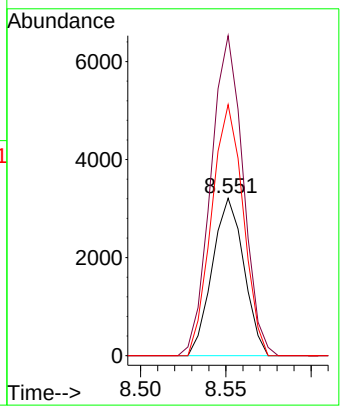


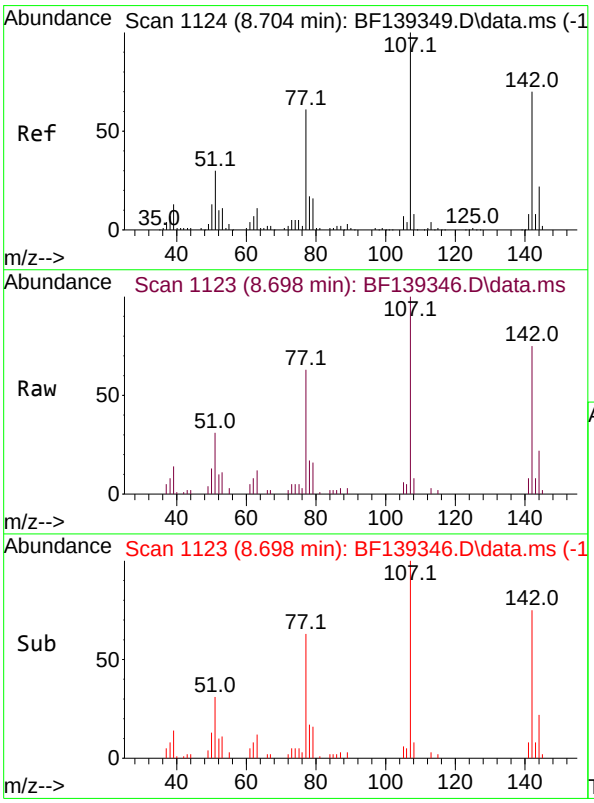
#35
Caprolactam
Concen: 5.154 ng
RT: 8.551 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 4150

Ion	Ratio	Lower	Upper
113	100		
55	203.3	186.1	226.1
56	159.4	144.9	184.9

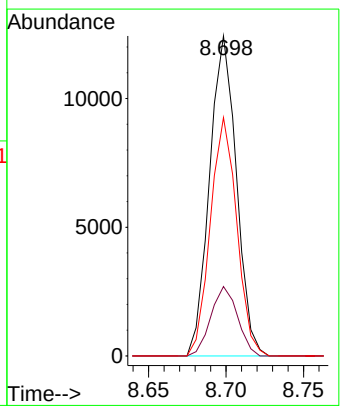


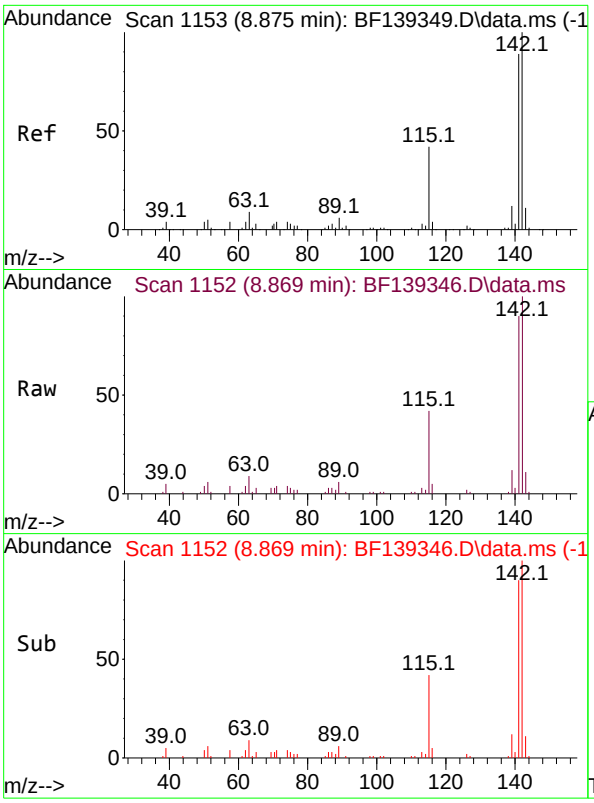


#36
4-Chloro-3-methylphenol
Concen: 5.281 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:107 Resp: 14968

Ion	Ratio	Lower	Upper
107	100		
144	21.7	17.5	26.3
142	74.5	55.8	83.8



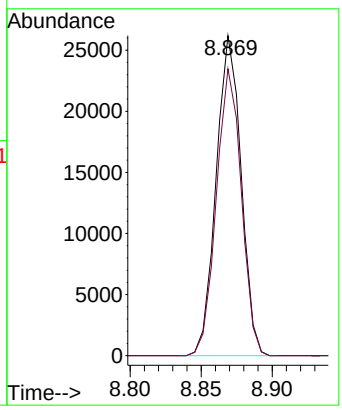


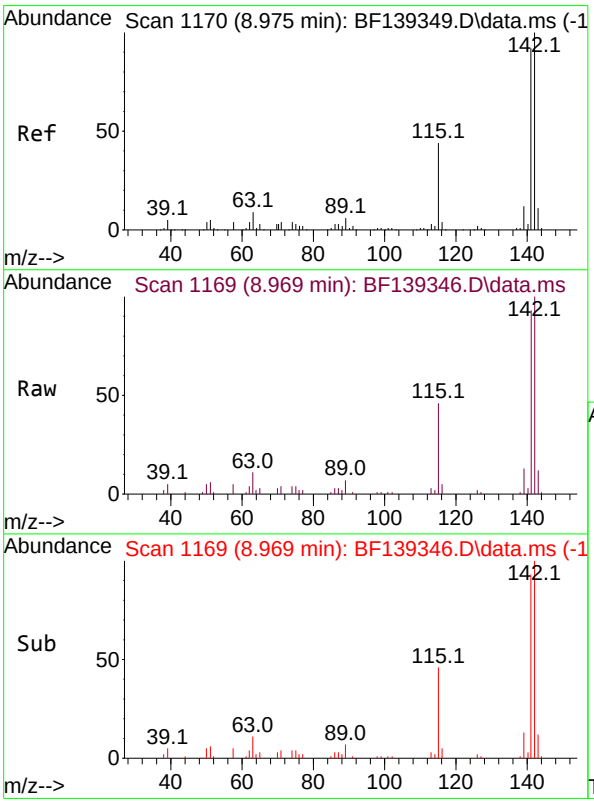
#37
2-Methylnaphthalene
Concen: 5.306 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 31958

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4

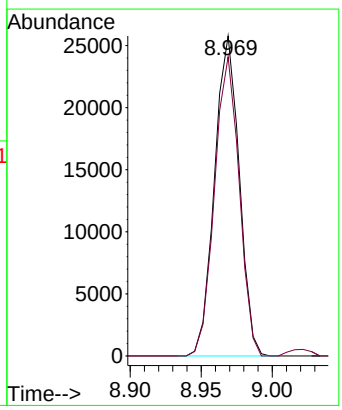


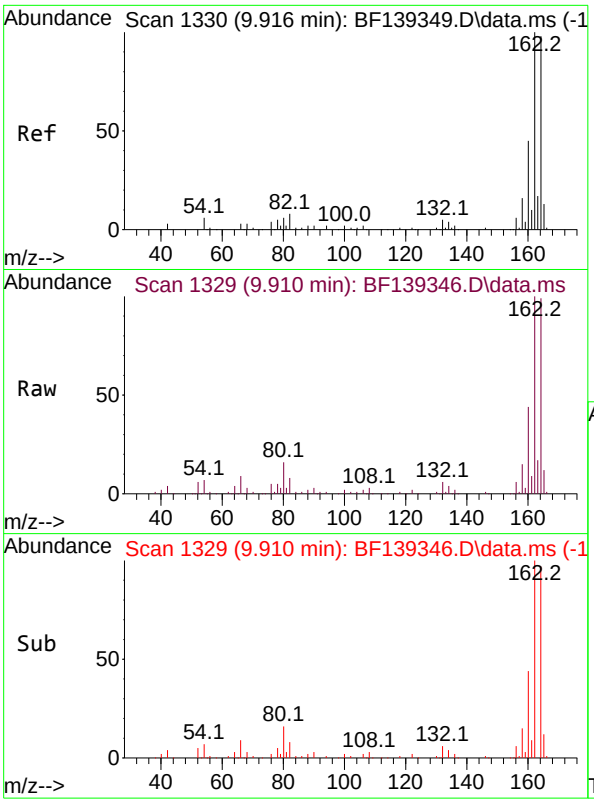


#38
1-Methylnaphthalene
Concen: 5.261 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:142 Resp: 31162

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.2	109.8



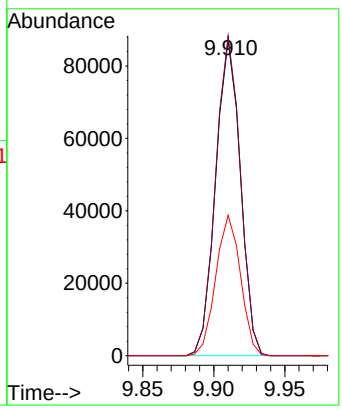


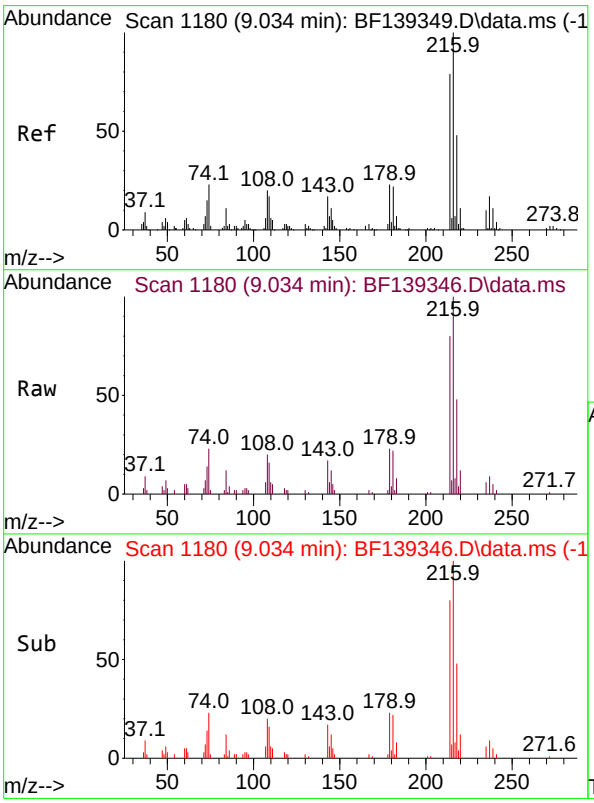
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 105494

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	44.5	36.4	54.6

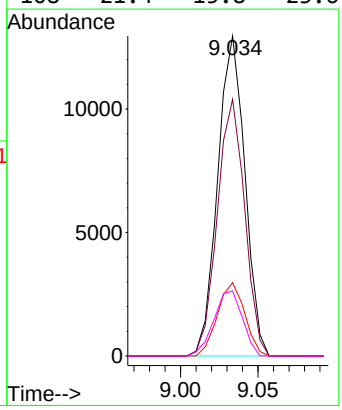


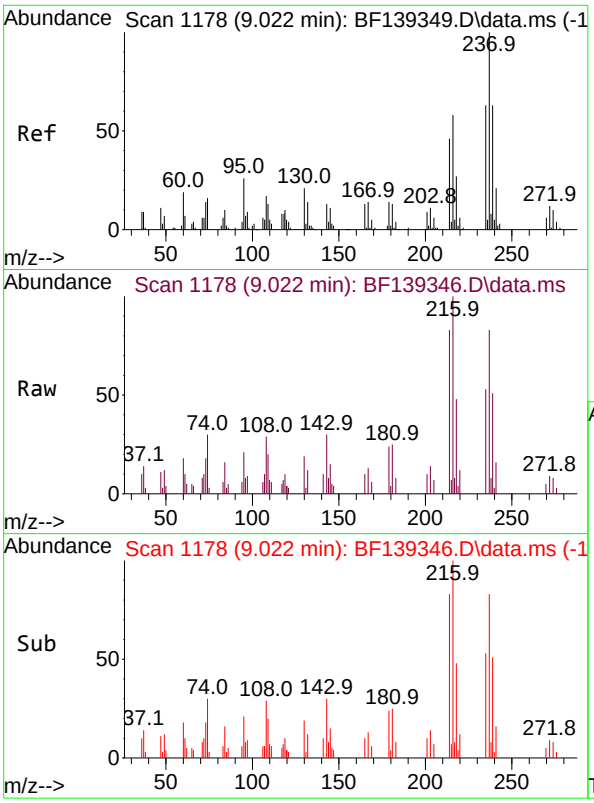


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.298 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:216 Resp: 15812

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.0
179	23.0	18.2	27.2
108	21.4	15.8	23.6



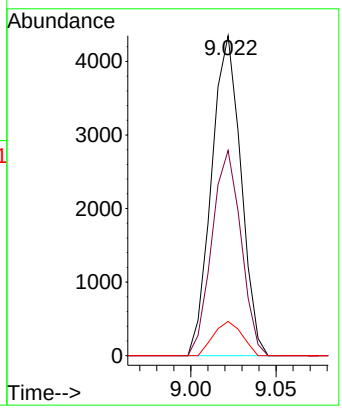


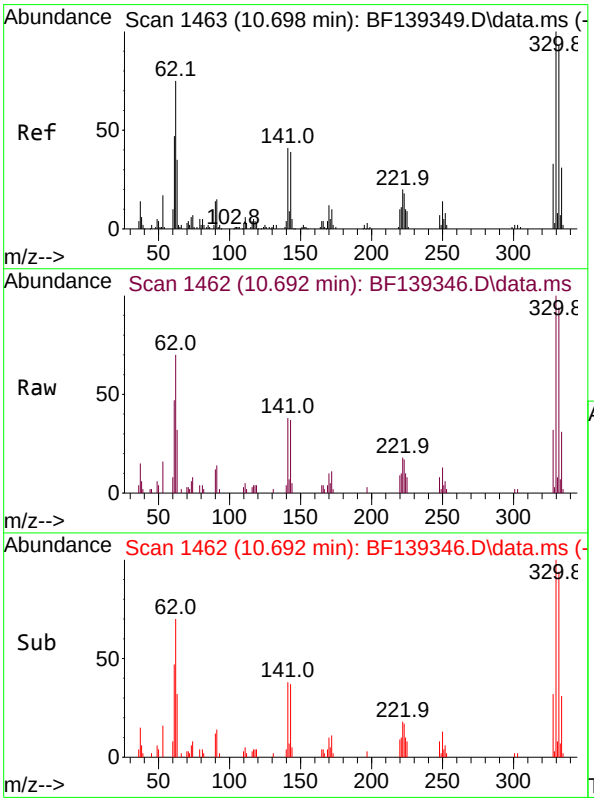
#41
Hexachlorocyclopentadiene
Concen: 5.439 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 5217

Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.7	82.7
272	10.7	0.0	32.5

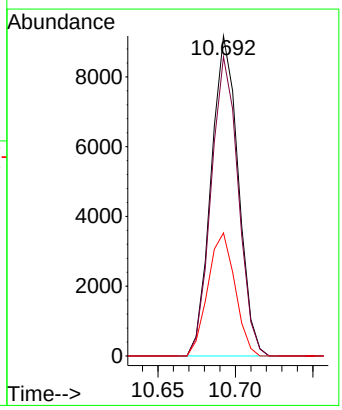


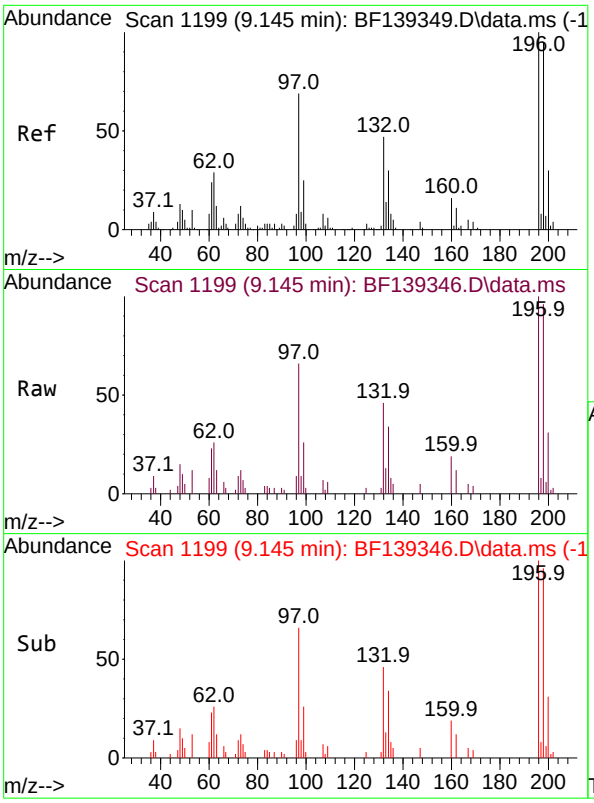


#42
2,4,6-Tribromophenol
Concen: 12.249 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:330 Resp: 11158

Ion	Ratio	Lower	Upper
330	100		
332	93.2	75.2	112.8
141	38.4	31.2	46.8



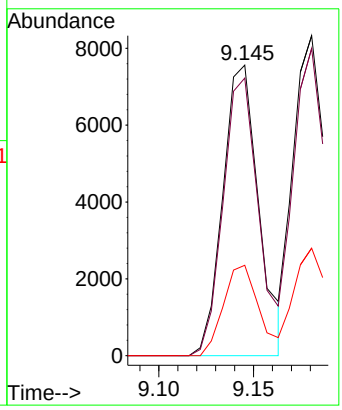


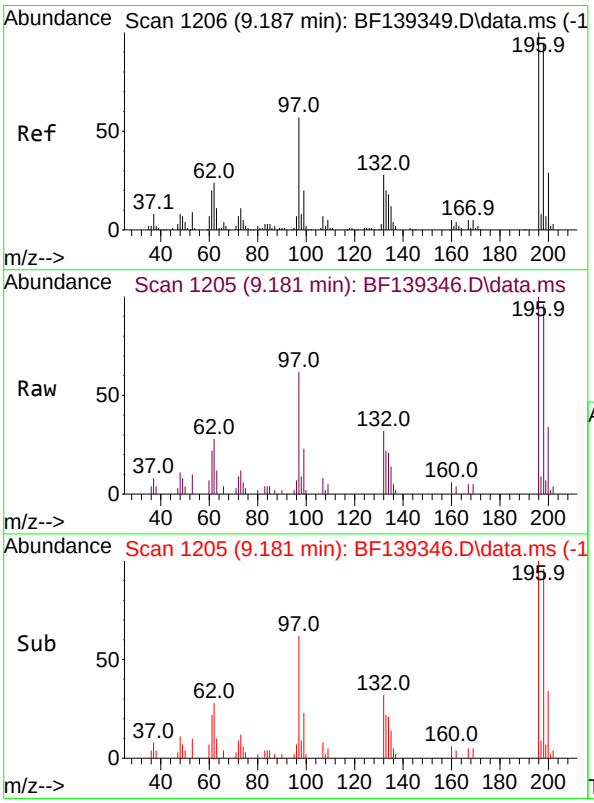
#43
2,4,6-Trichlorophenol
Concen: 5.103 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 9966

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.6
200	31.1	24.1	36.1

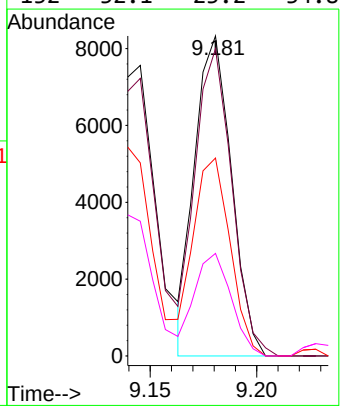


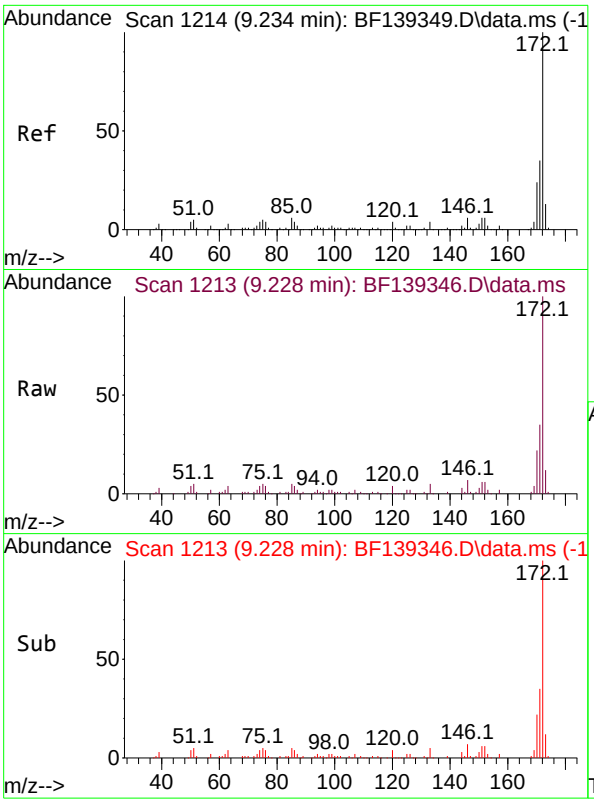


#44
2,4,5-Trichlorophenol
Concen: 4.872 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:196 Resp: 9970

Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.8	112.2
97	61.8	47.3	70.9
132	32.1	23.2	34.8



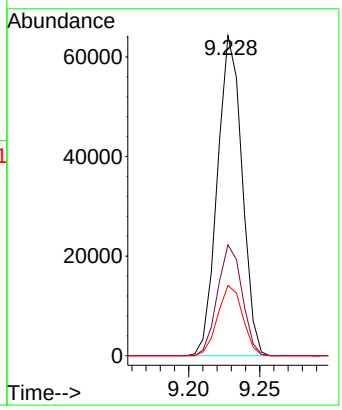


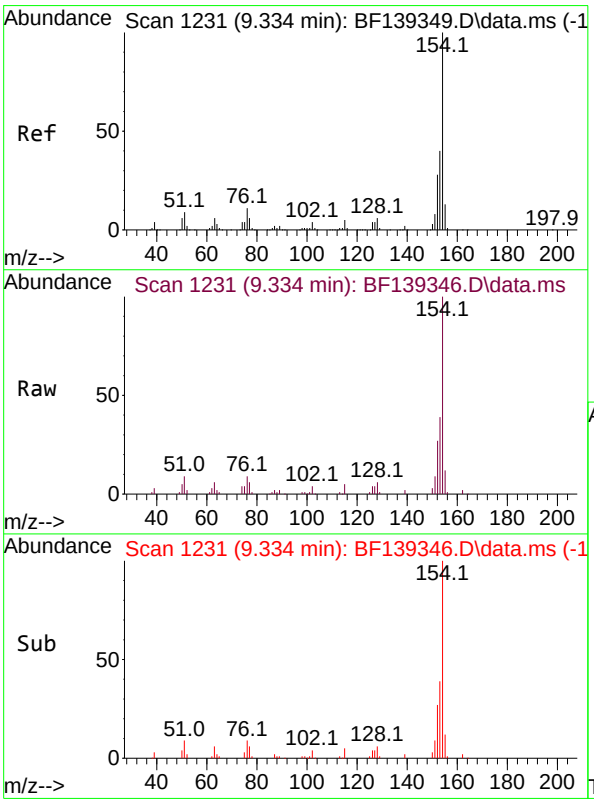
#45
2-Fluorobiphenyl
Concen: 11.346 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 77537

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.0	19.0	28.6

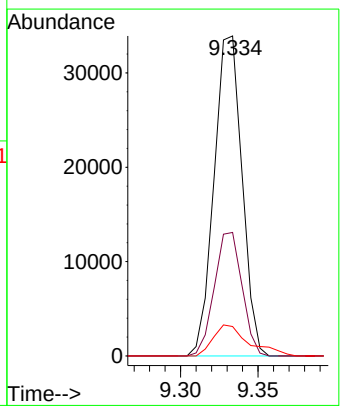


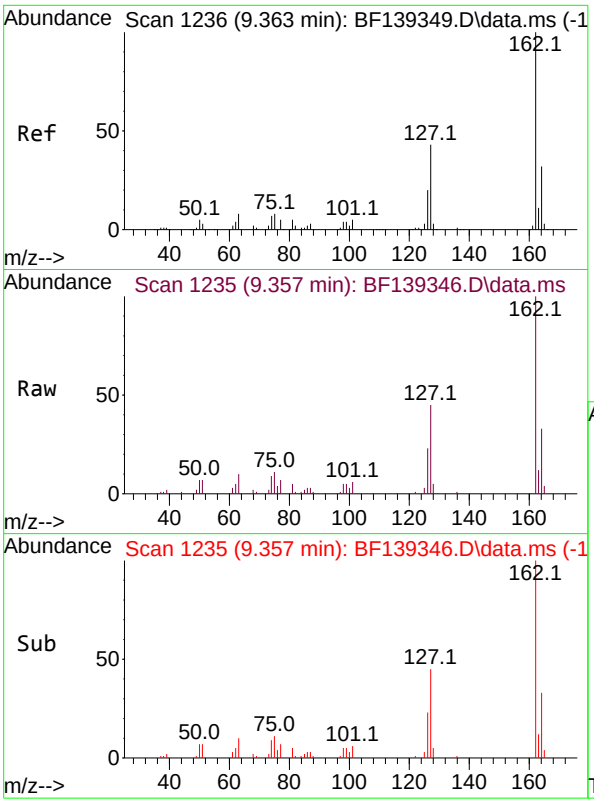


#46
1,1'-Biphenyl
Concen: 5.449 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:154 Resp: 42592

Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.1	60.1
76	9.2	0.0	31.1



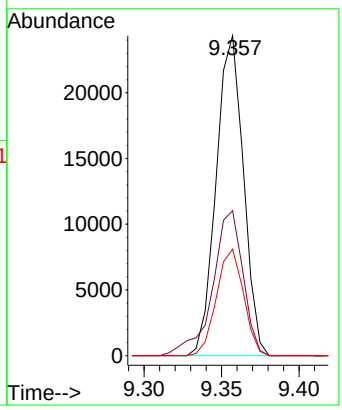


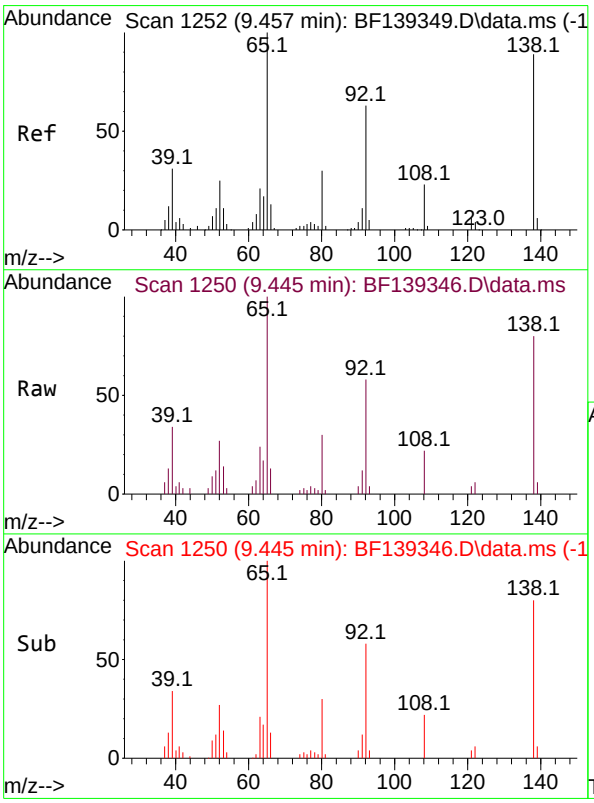
#47
2-Chloronaphthalene
Concen: 5.050 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 29802

Ion	Ratio	Lower	Upper
162	100		
127	45.3	35.0	52.4
164	33.3	25.8	38.6

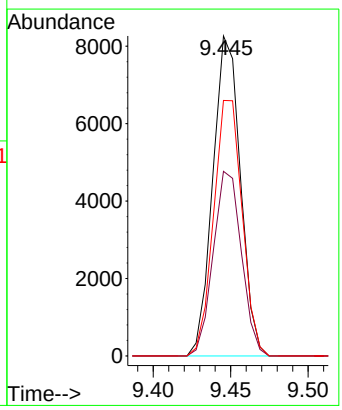


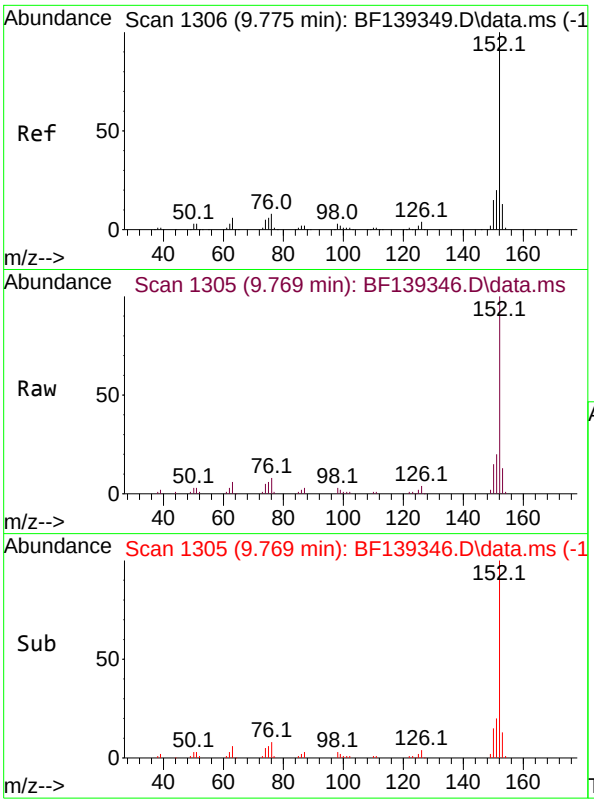


#48
2-Nitroaniline
Concen: 5.025 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 65 Resp: 10214

Ion	Ratio	Lower	Upper
65	100		
92	57.7	50.3	75.5
138	79.8	71.3	106.9



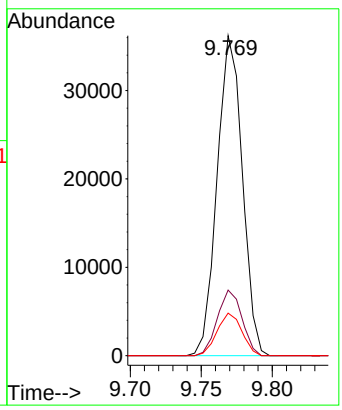


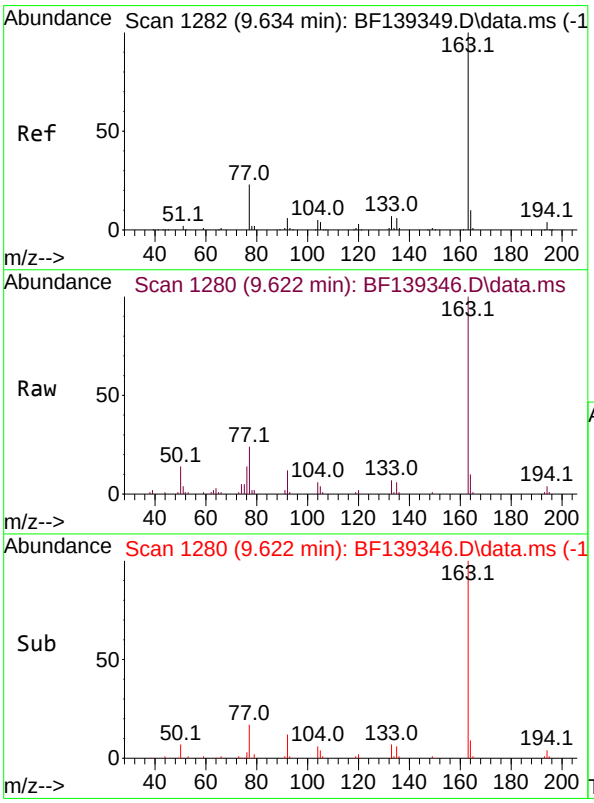
#49
Acenaphthylene
Concen: 5.031 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 44722

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.3	10.3	15.5

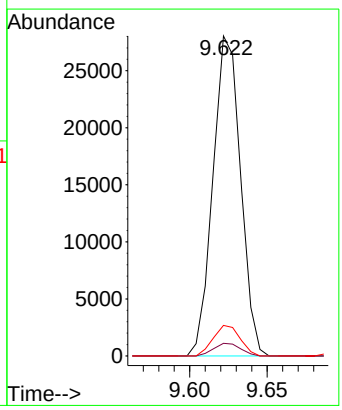


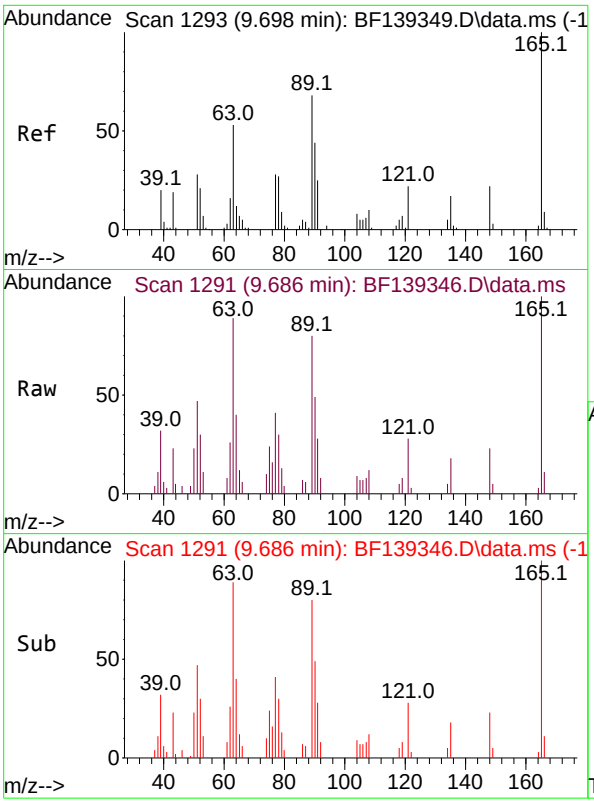


#50
Dimethylphthalate
Concen: 5.437 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:163 Resp: 34763

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.6	8.2	12.2



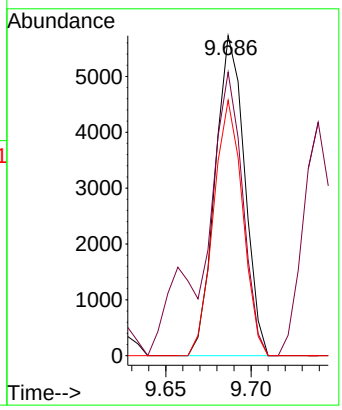


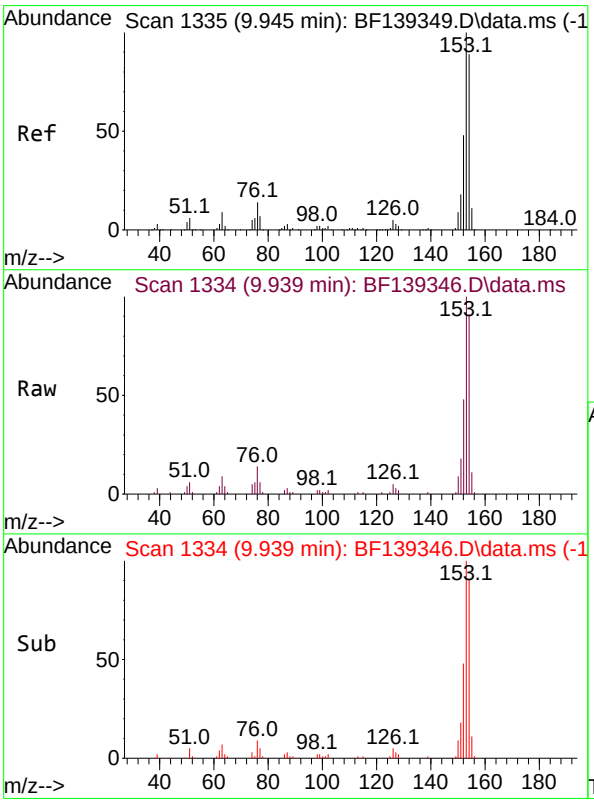
#51
2,6-Dinitrotoluene
Concen: 4.754 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 6896

Ion	Ratio	Lower	Upper
165	100		
63	88.6	60.9	91.3
89	79.8	54.7	82.1

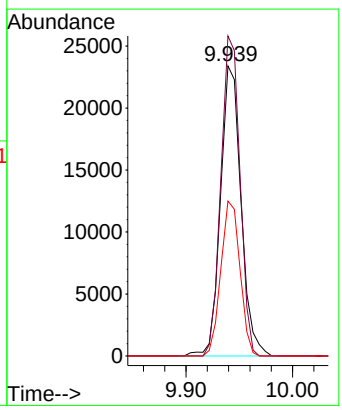


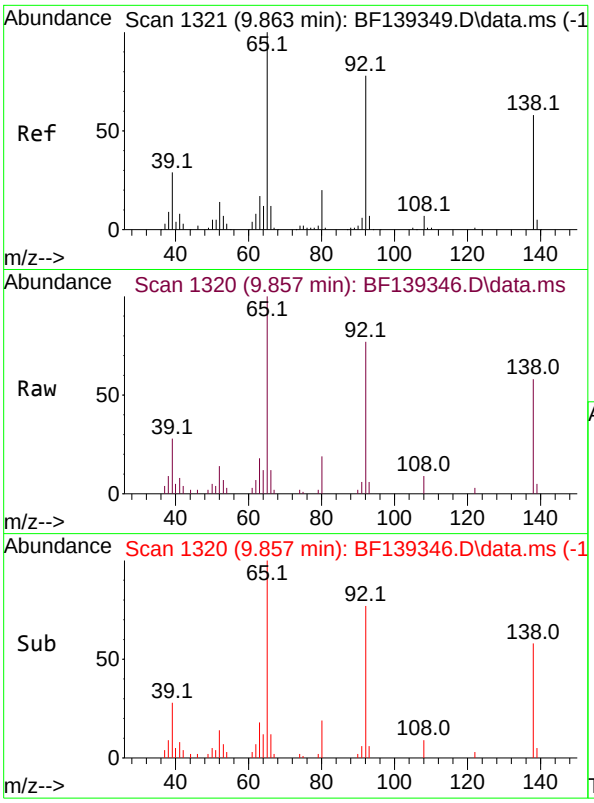


#52
Acenaphthene
Concen: 5.305 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:154 Resp: 31279

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.5	134.3
152	53.4	42.6	64.0



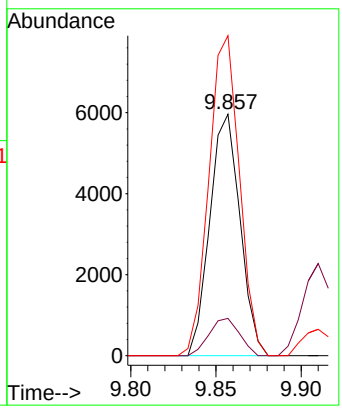


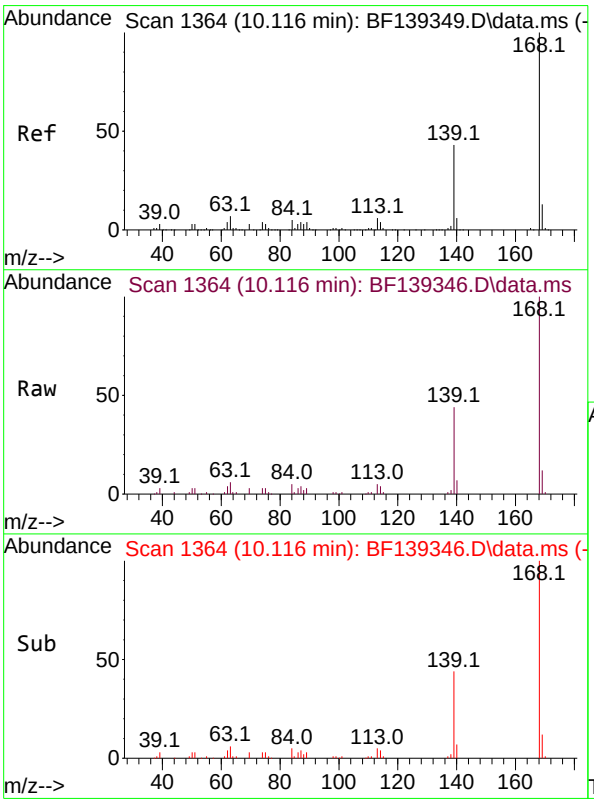
#53
3-Nitroaniline
Concen: 4.760 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 7356

Ion	Ratio	Lower	Upper
138	100		
108	15.5	9.8	14.8#
92	132.5	107.4	161.2

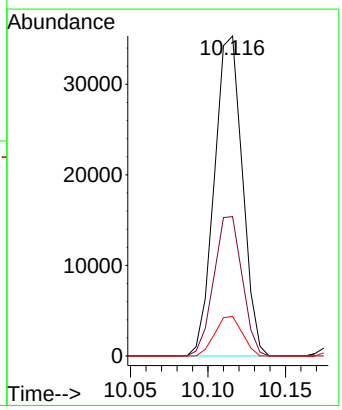


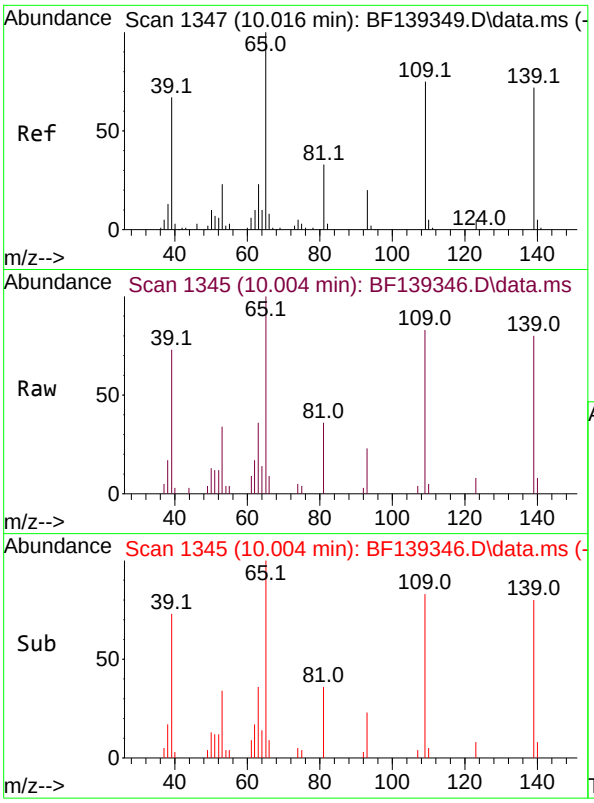


#55
Dibenzofuran
Concen: 5.264 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:168 Resp: 44498

Ion	Ratio	Lower	Upper
168	100		
139	43.6	34.1	51.1
169	12.3	10.5	15.7



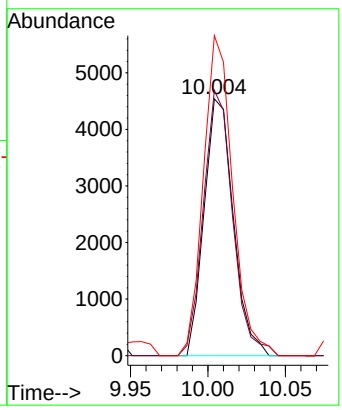


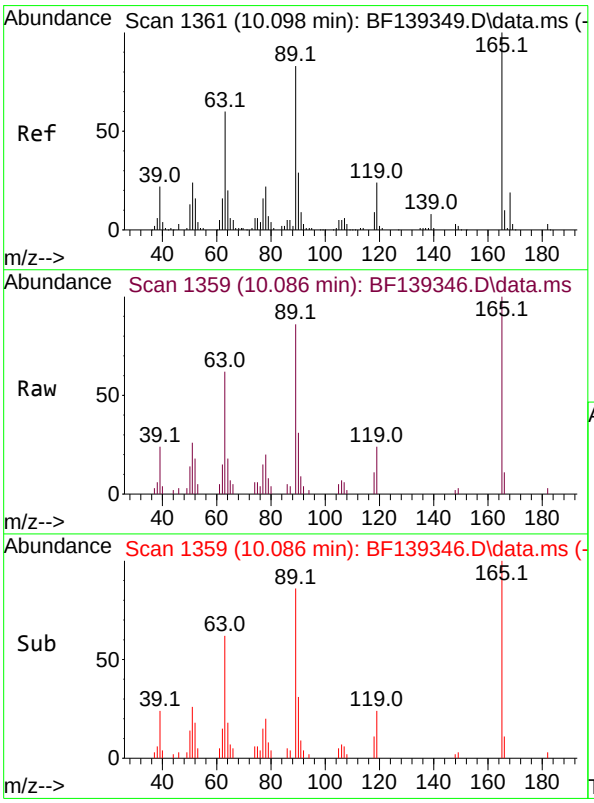
#56
4-Nitrophenol
Concen: 5.212 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:139 Resp: 5945

Ion	Ratio	Lower	Upper
139	100		
109	103.3	84.1	124.1
65	124.6	120.0	160.0

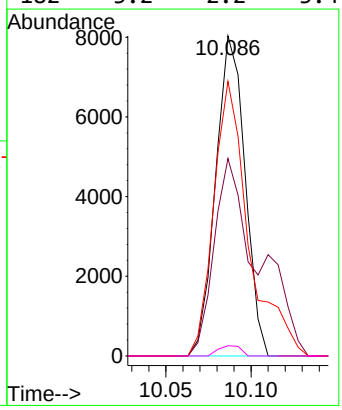


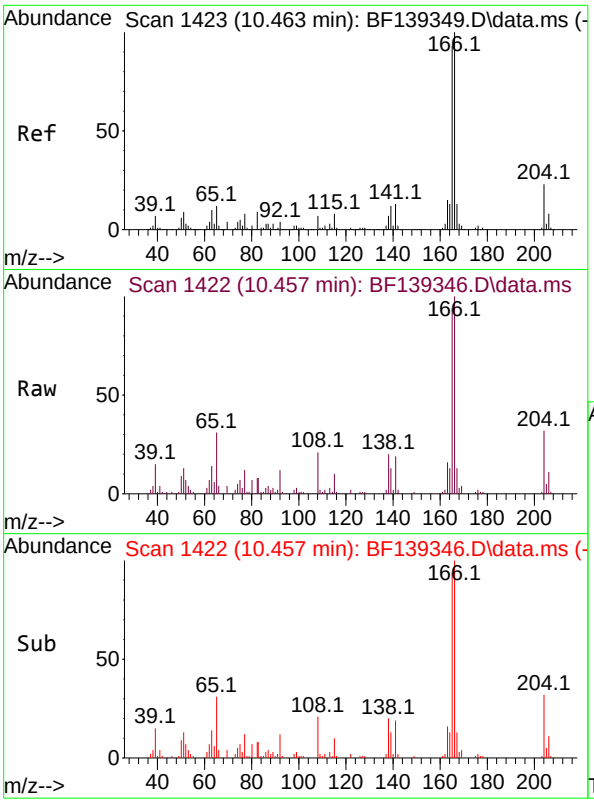


#57
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:165 Resp: 9602

Ion	Ratio	Lower	Upper
165	100		
63	61.7	47.8	71.6
89	85.8	66.7	100.1
182	3.2	2.2	3.4



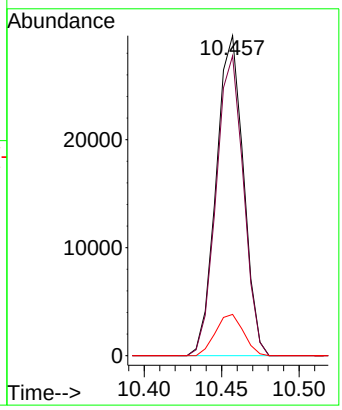


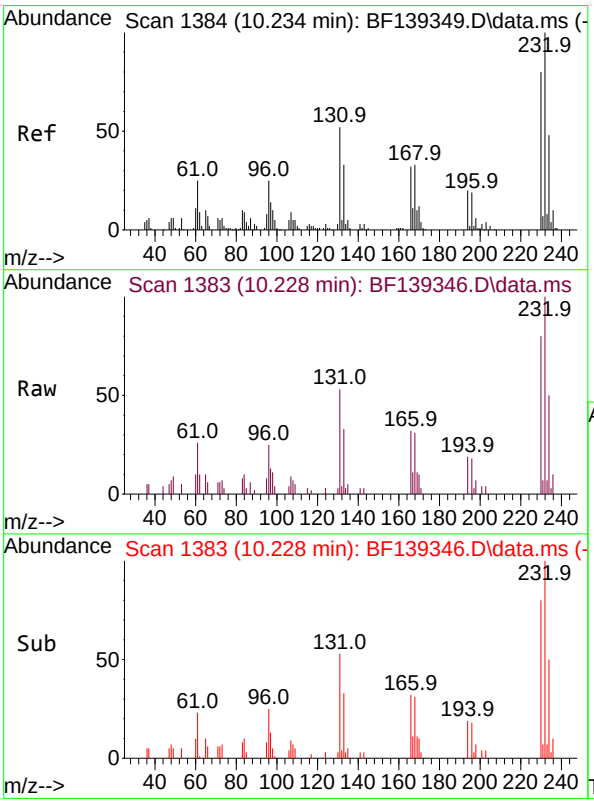
#58
Fluorene
Concen: 5.526 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 36214

Ion	Ratio	Lower	Upper
166	100		
165	93.7	74.5	111.7
167	12.9	10.6	16.0

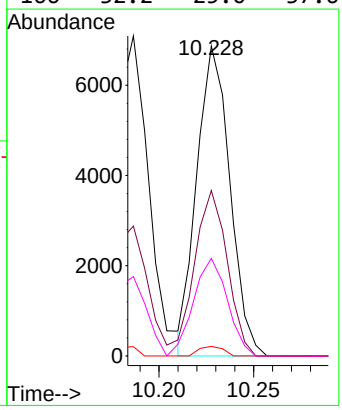


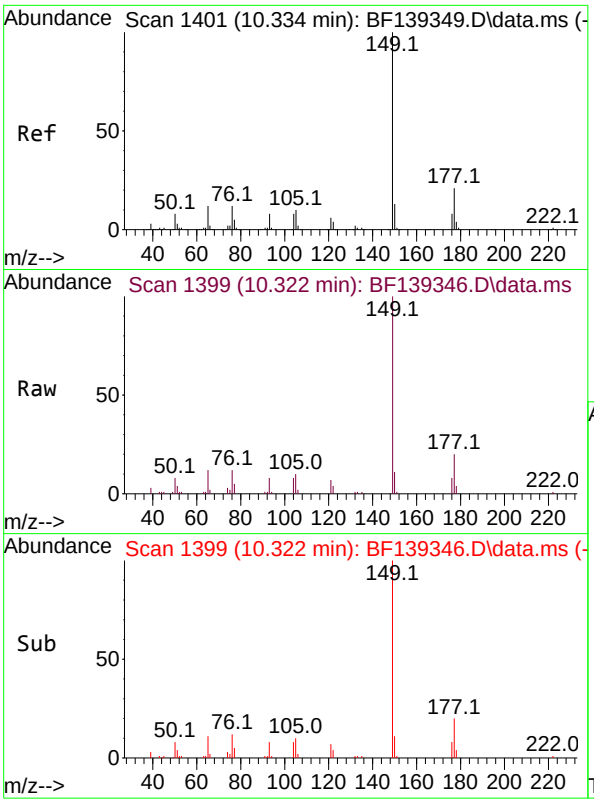


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.185 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:232 Resp: 8352

Ion	Ratio	Lower	Upper
232	100		
131	52.8	40.7	61.1
130	2.3	2.2	3.2
166	32.2	25.0	37.6



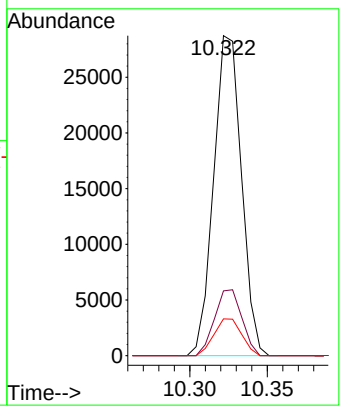


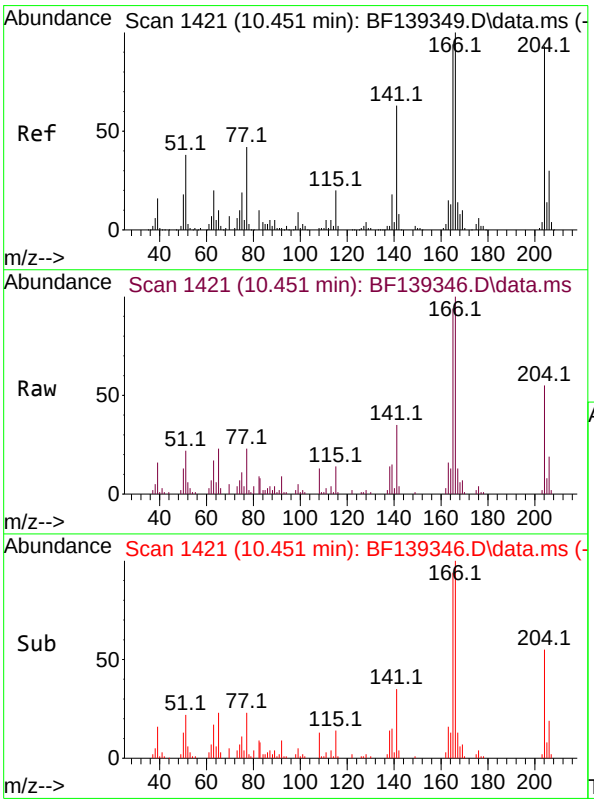
#60
Diethylphthalate
Concen: 5.696 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 35843

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.6	24.8
150	11.5	10.6	15.8

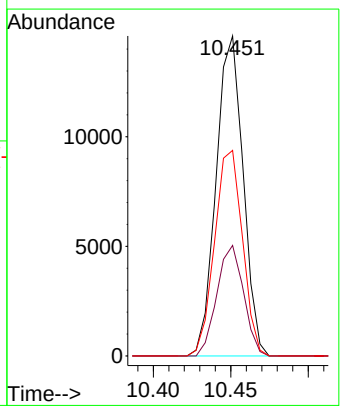


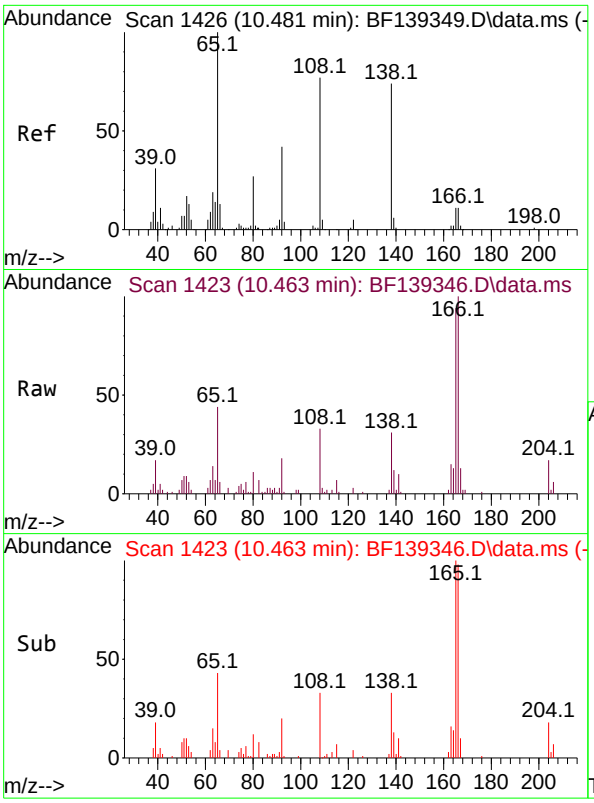


#61
4-Chlorophenyl-phenylether
Concen: 5.602 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:204 Resp: 17706

Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	64.2	53.9	80.9



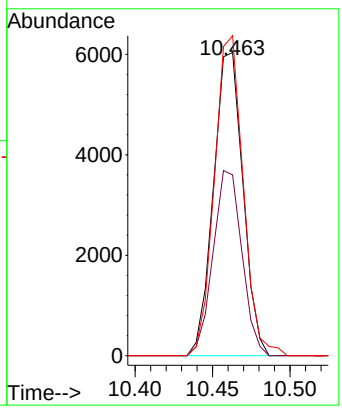


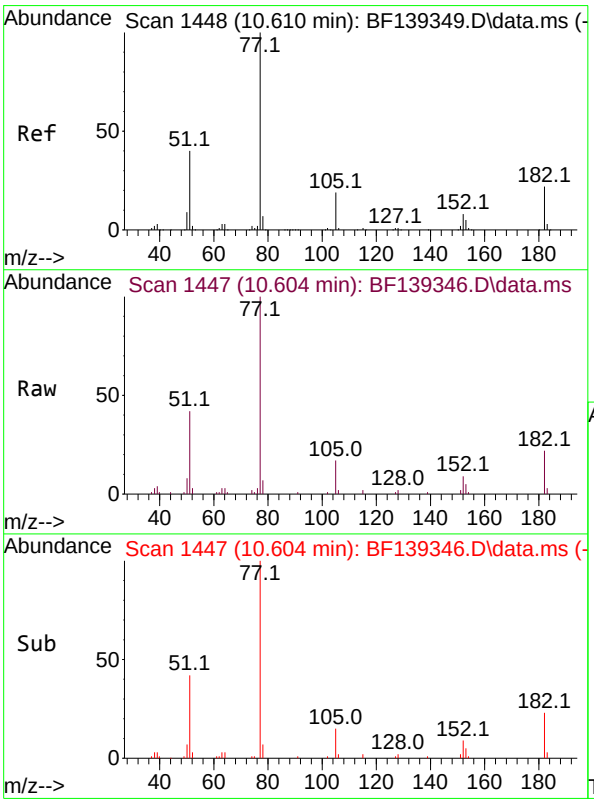
#62
4-Nitroaniline
Concen: 5.437 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 7998

Ion	Ratio	Lower	Upper
138	100		
92	59.6	37.0	77.0
108	105.5	84.4	124.4

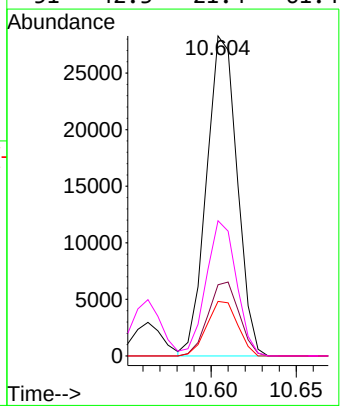


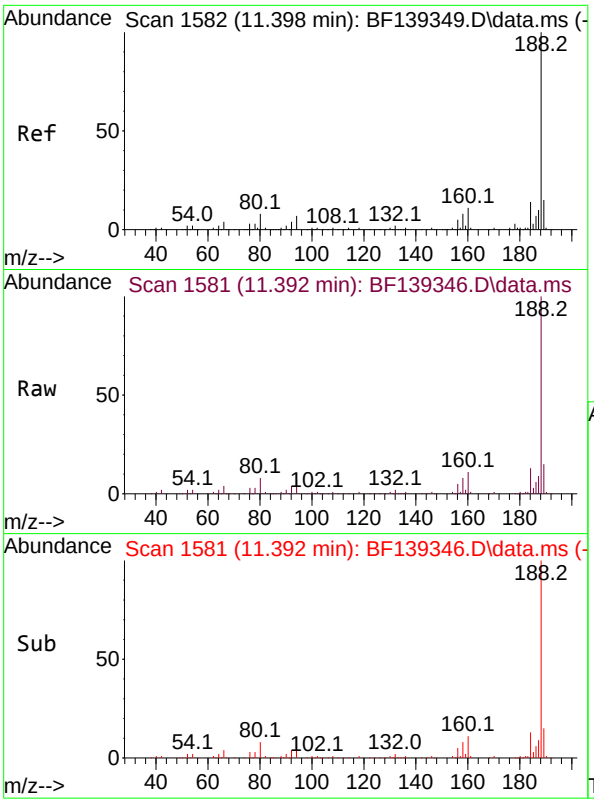


#63
Azobenzene
Concen: 5.331 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 77 Resp: 35354

Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.8	41.8
105	17.0	0.0	38.6
51	42.3	21.4	61.4



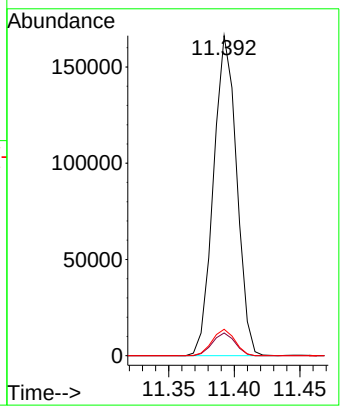


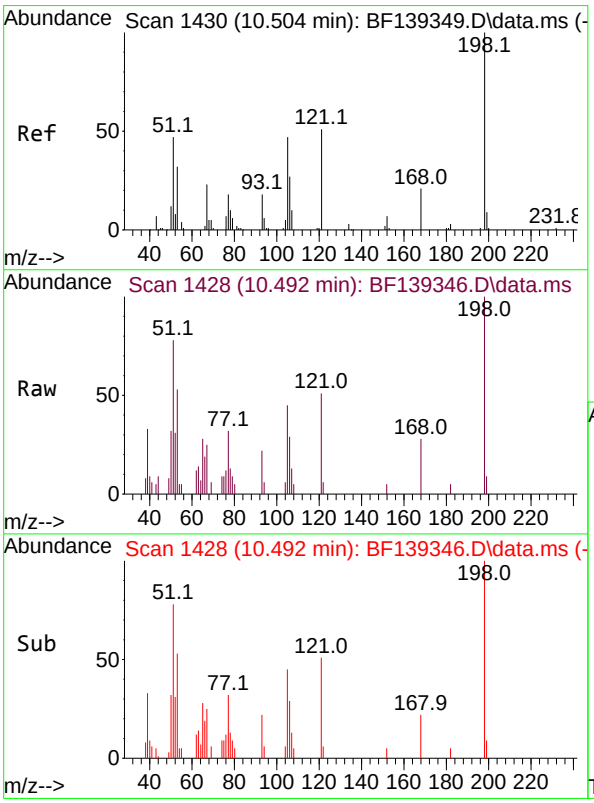
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 203939

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	8.3	6.6	9.8

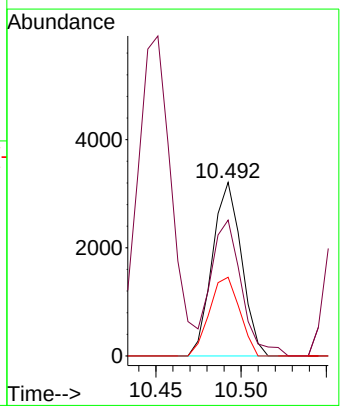


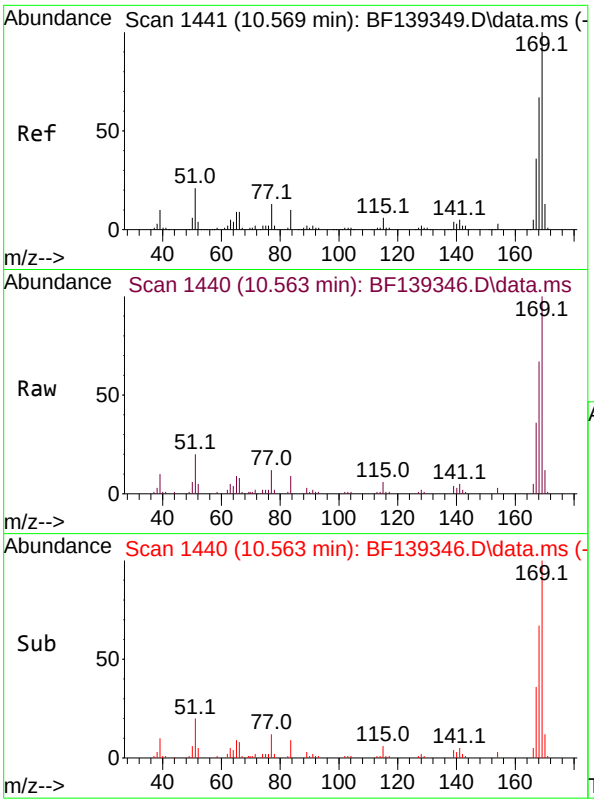


#65
4,6-Dinitro-2-methylphenol
Concen: 4.053 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:198 Resp: 3819

Ion	Ratio	Lower	Upper
198	100		
51	78.3	50.4	90.4
105	45.4	28.3	68.3



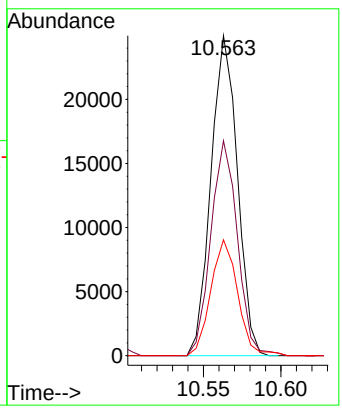


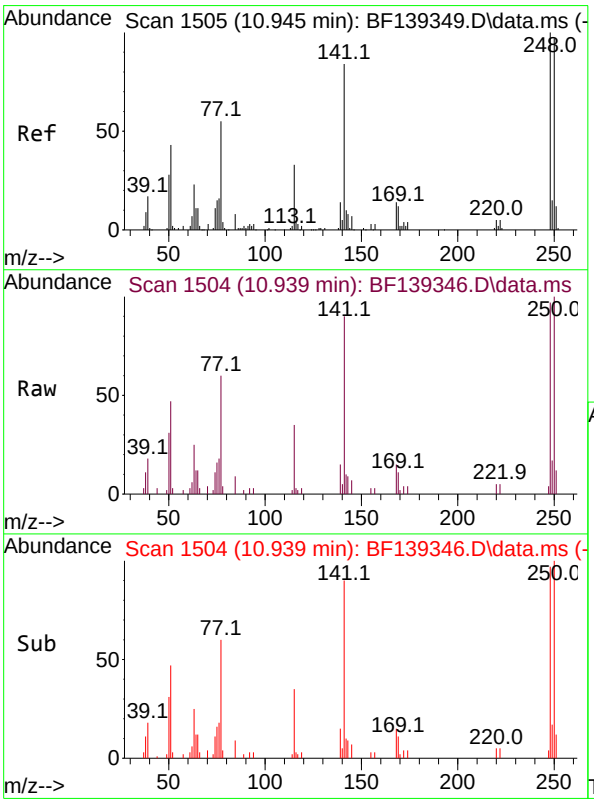
#66
n-Nitrosodiphenylamine
Concen: 4.993 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 29638

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.6	80.4
167	36.2	28.7	43.1

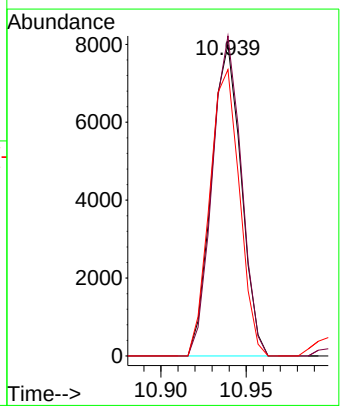


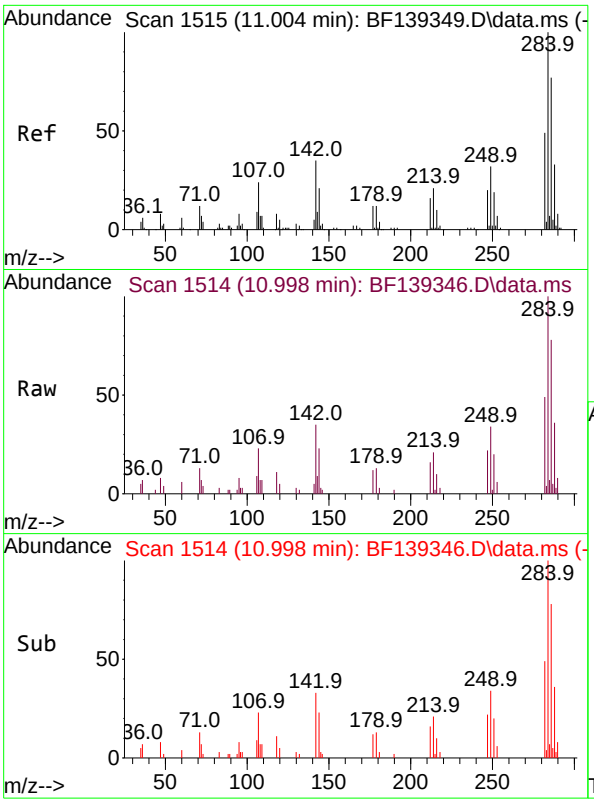


#67
4-Bromophenyl-phenylether
Concen: 4.908 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:248 Resp: 9712

Ion	Ratio	Lower	Upper
248	100		
250	102.8	77.6	116.4
141	92.0	66.9	100.3



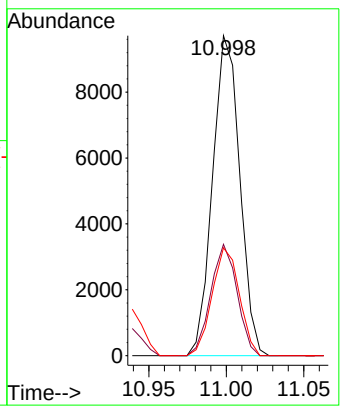


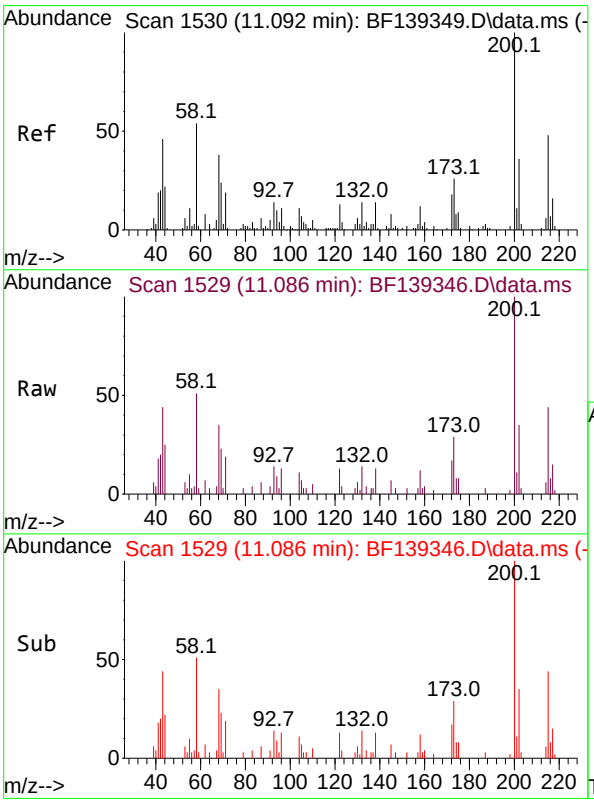
#68
Hexachlorobenzene
Concen: 5.225 ng
RT: 10.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 11835

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.0	42.0
249	33.7	25.3	37.9

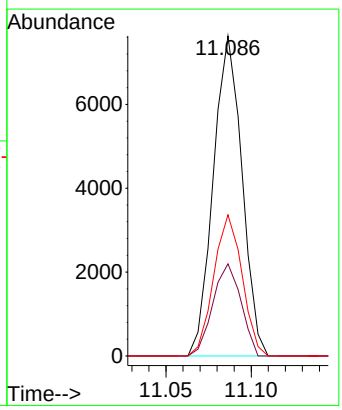


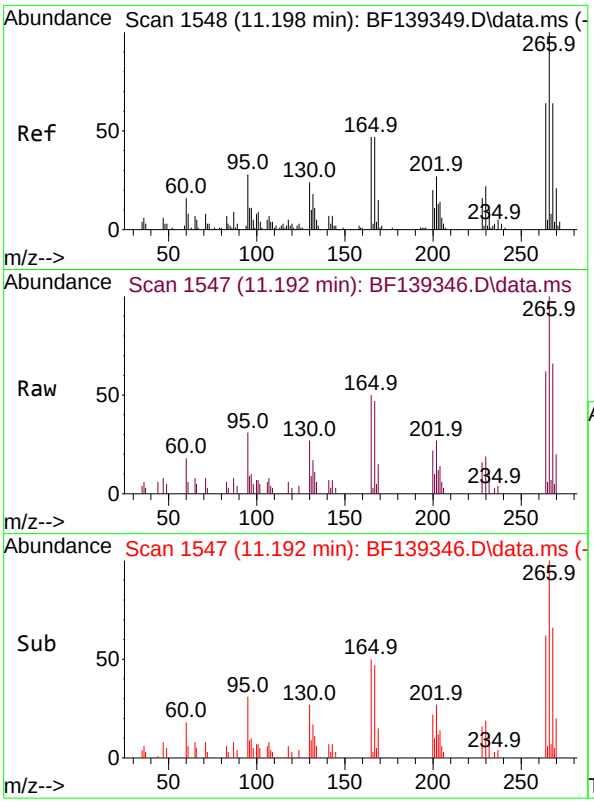


#69
Atrazine
Concen: 6.516 ng
RT: 11.086 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:200 Resp: 8924

Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.1	46.1
215	44.1	28.2	68.2



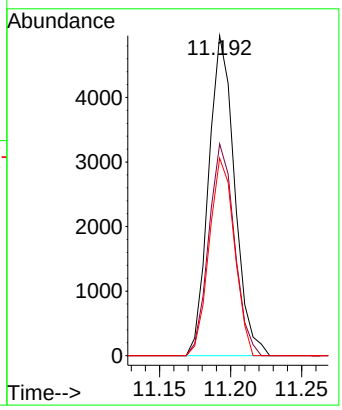


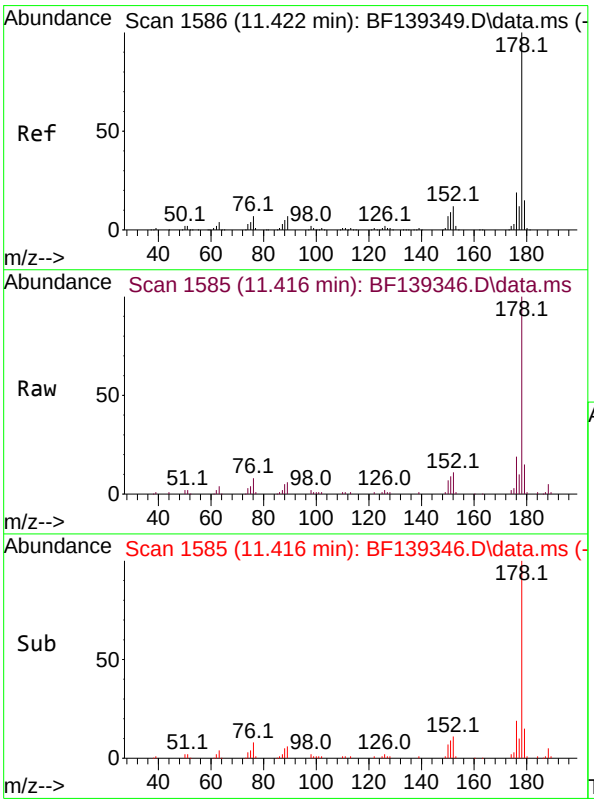
#70
Pentachlorophenol
Concen: 4.807 ng
RT: 11.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 6290

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	61.7	51.4	77.0

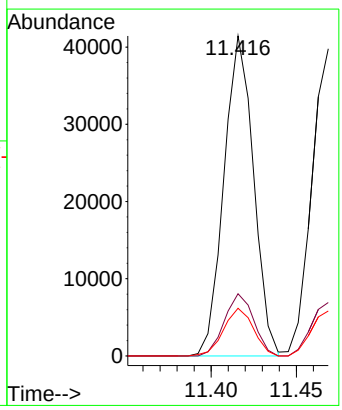


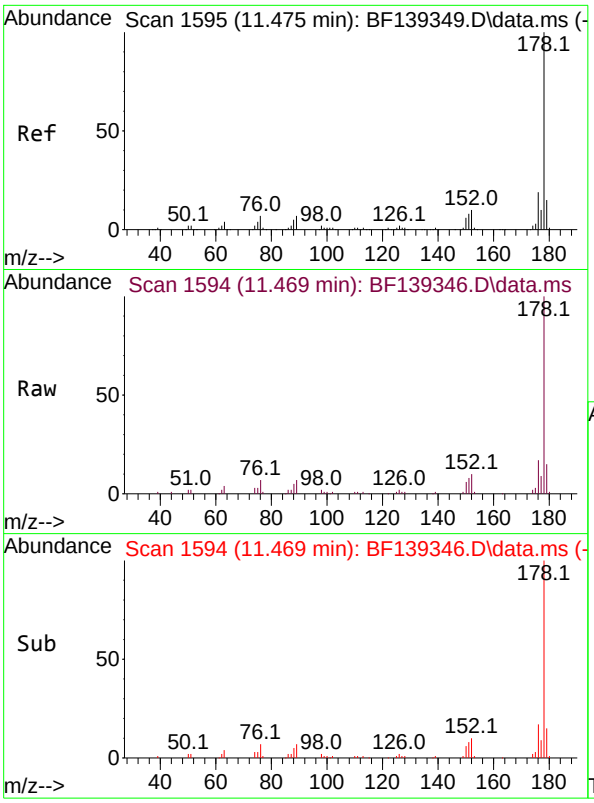


#71
Phenanthrene
Concen: 5.251 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:178 Resp: 50027

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	14.9	12.2	18.4



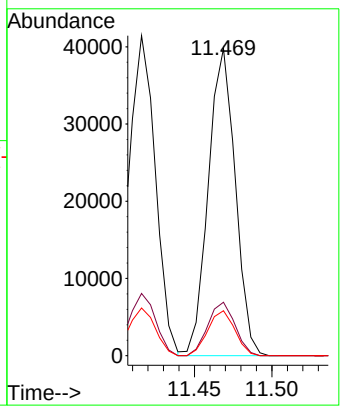


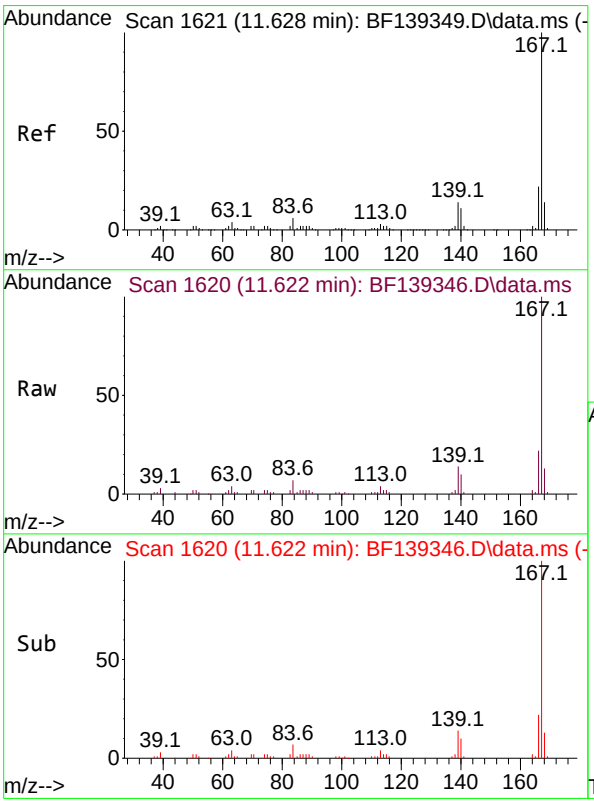
#72
Anthracene
Concen: 5.179 ng
RT: 11.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 48204

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.6
179	14.6	12.0	18.0

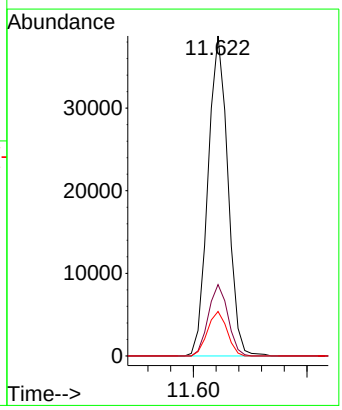


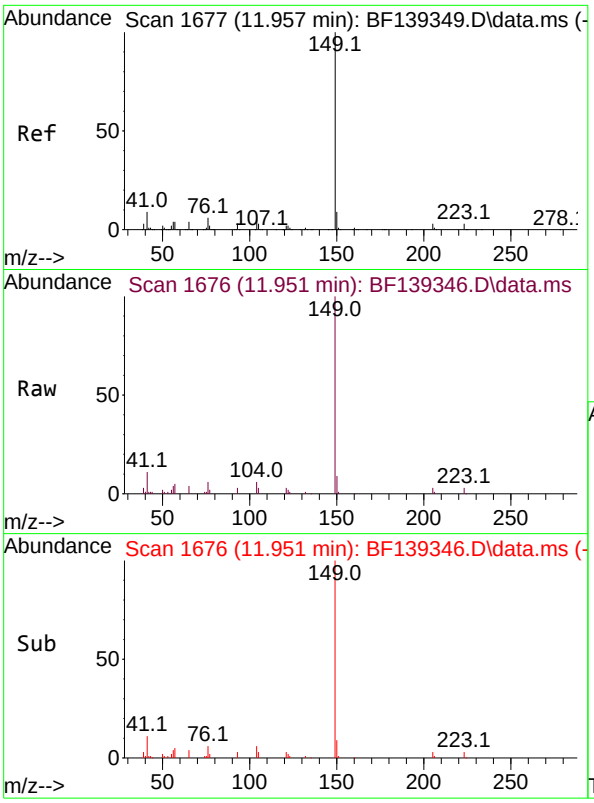


#73
Carbazole
Concen: 5.408 ng
RT: 11.622 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:167 Resp: 47039

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.5	26.3
139	13.9	10.9	16.3



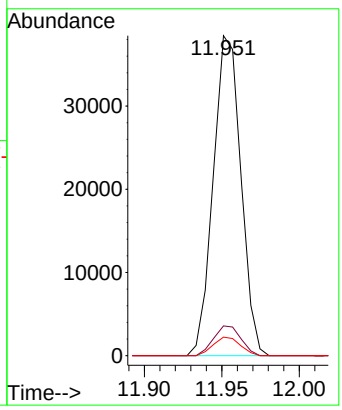


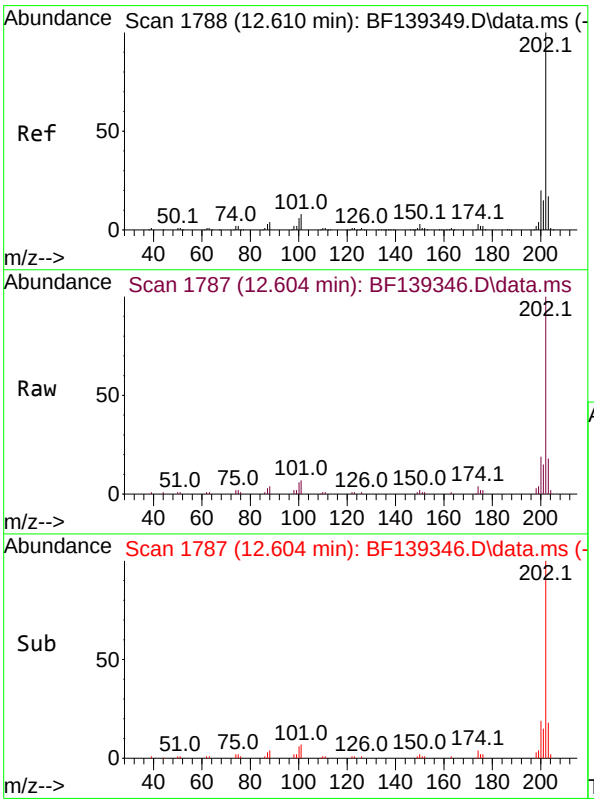
#74
Di-n-butylphthalate
Concen: 5.354 ng
RT: 11.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 47689

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.8	4.3	6.5

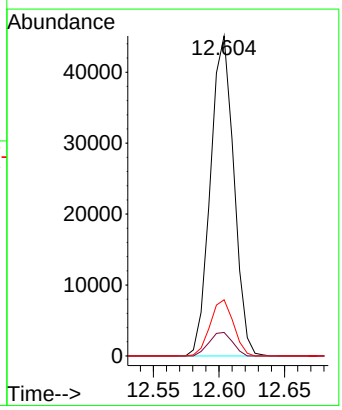


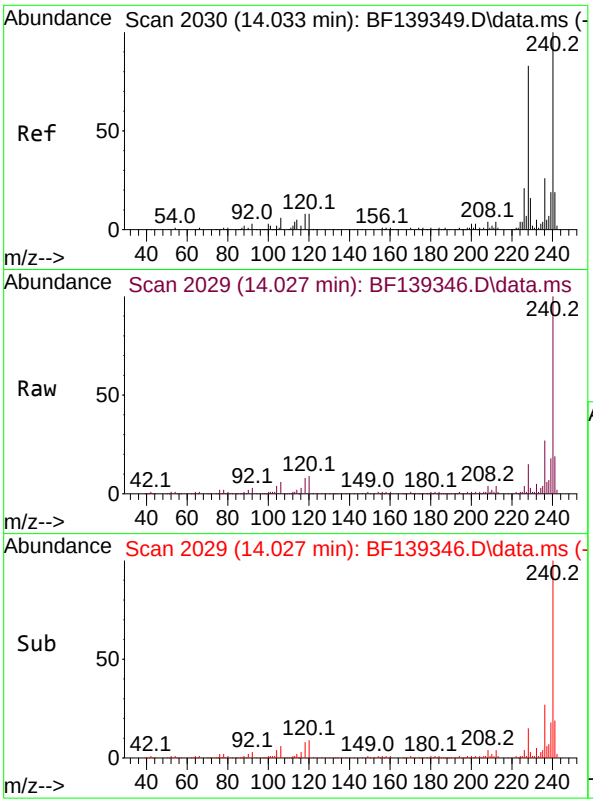


#75
Fluoranthene
Concen: 5.872 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:202 Resp: 56089

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.6	0.0	37.4



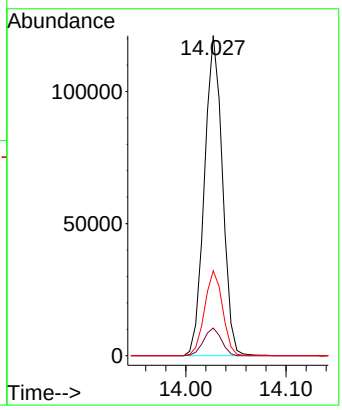


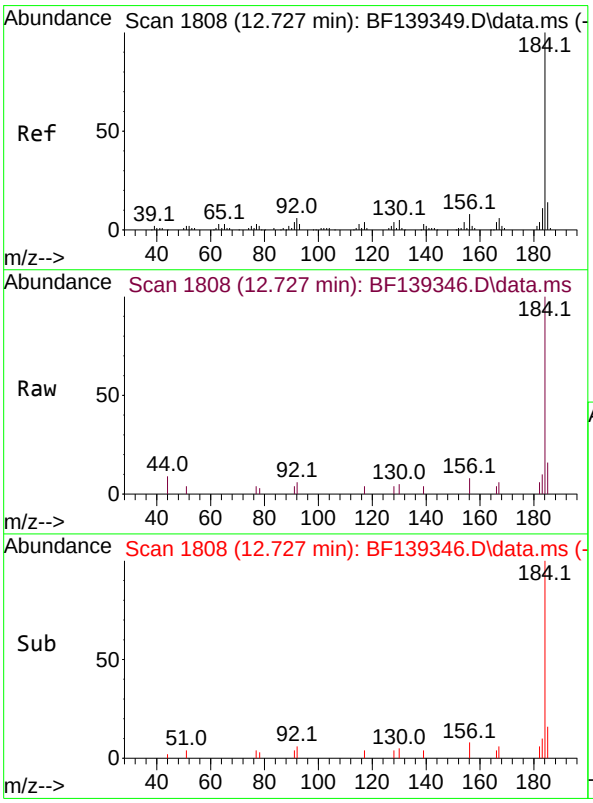
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 151467

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.2	9.2
236	26.6	20.9	31.3

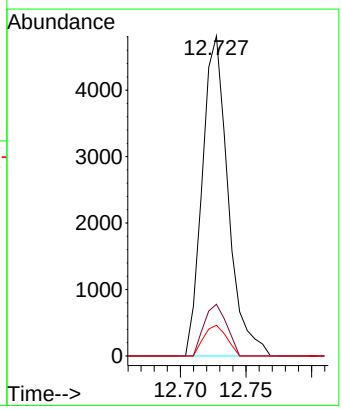


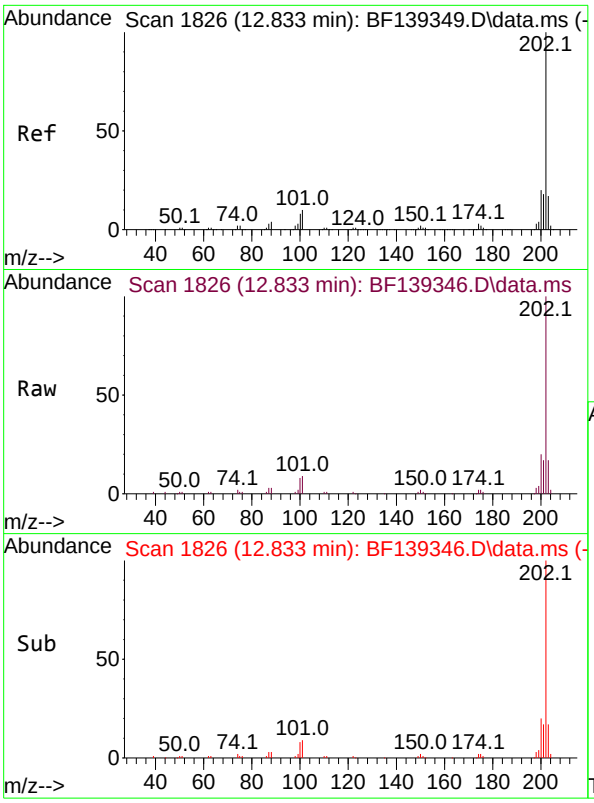


#77
Benzidine
Concen: 2.166 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:184 Resp: 6607

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.5	17.3
183	9.6	8.9	13.3



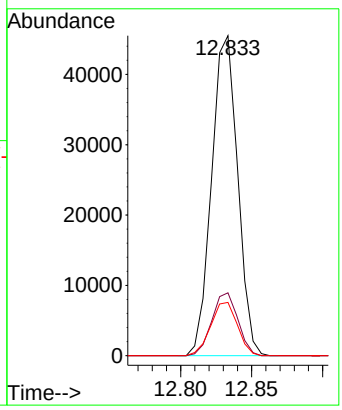


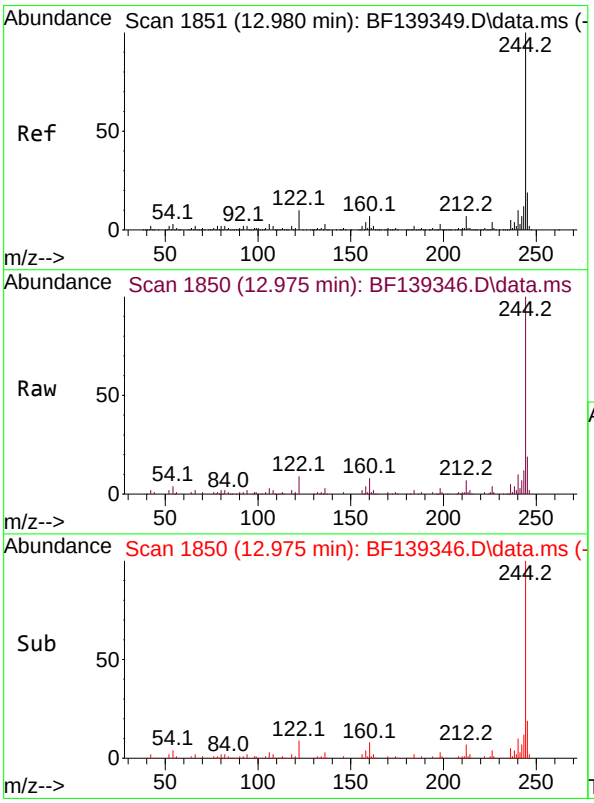
#78
Pyrene
Concen: 3.976 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 58177

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	16.6	13.9	20.9

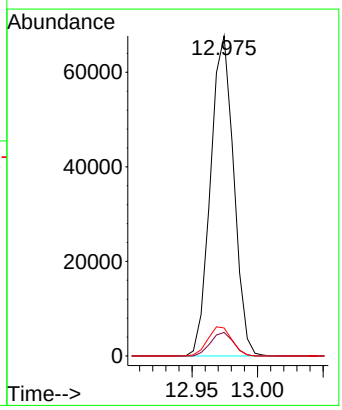


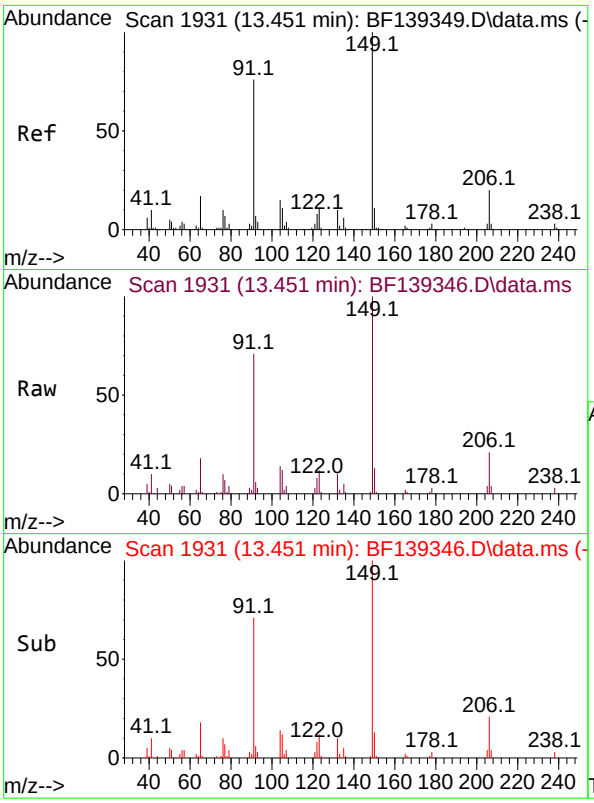


#79
Terphenyl-d14
Concen: 8.883 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:244 Resp: 83334

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.8	7.6	11.4



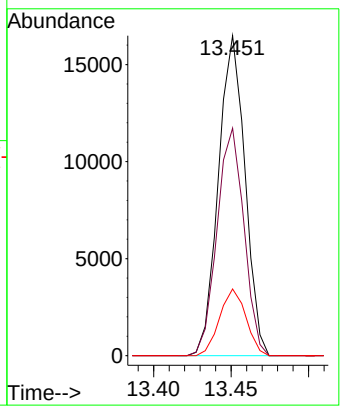


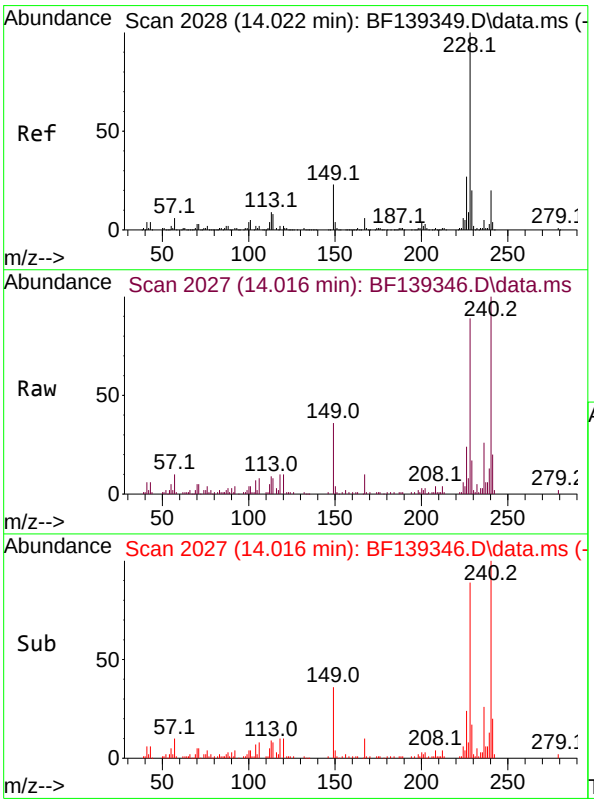
#80
Butylbenzylphthalate
Concen: 5.709 ng
RT: 13.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 19663

Ion	Ratio	Lower	Upper
149	100		
91	71.1	60.9	91.3
206	20.9	15.8	23.8

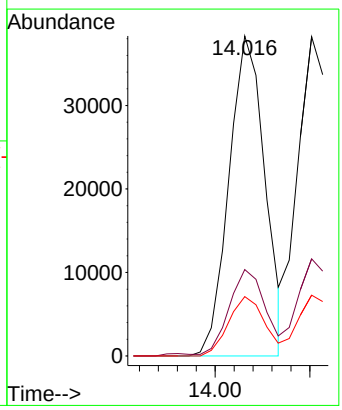


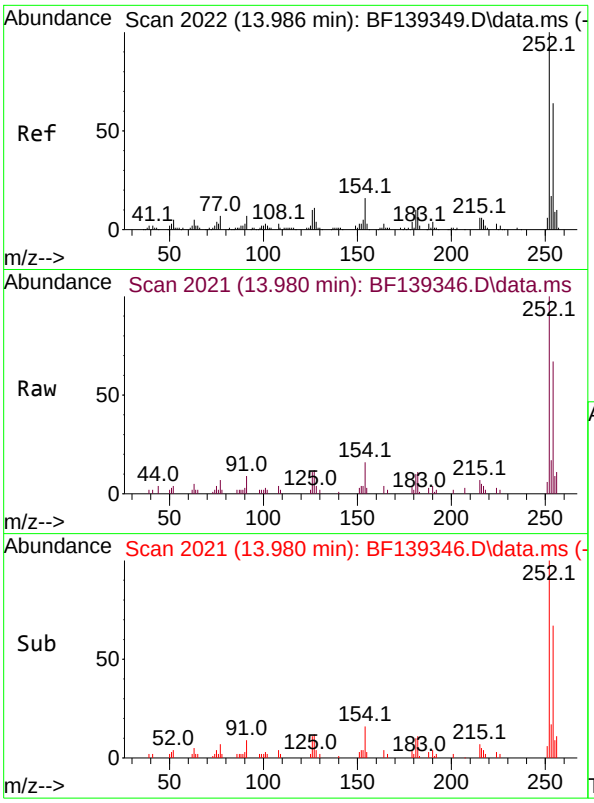


#81
Benzo(a)anthracene
Concen: 5.221 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:228 Resp: 50501

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	18.5	15.7	23.5



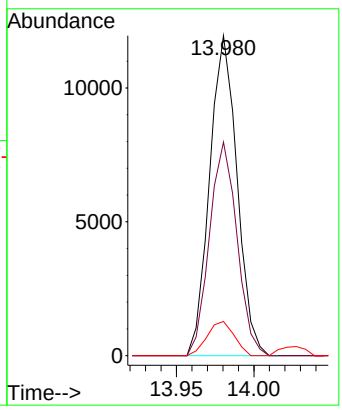


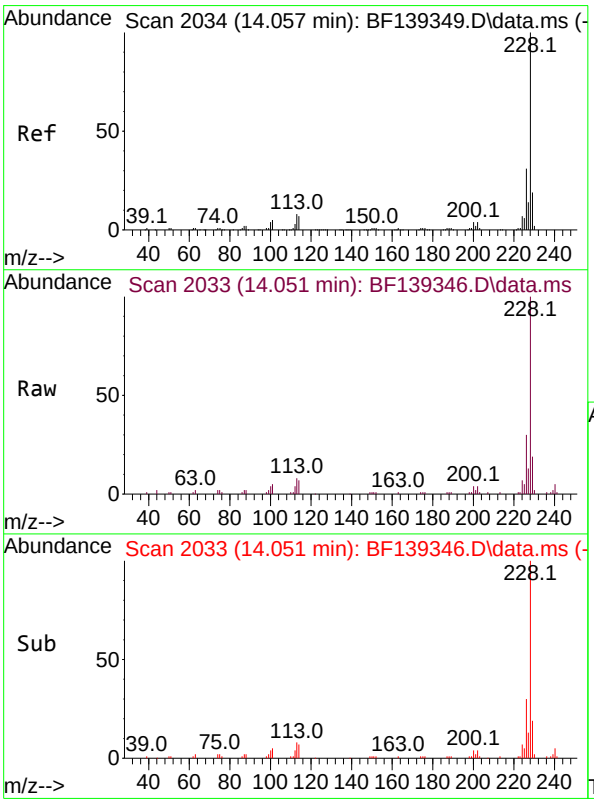
#82
3,3'-Dichlorobenzidine
Concen: 5.724 ng
RT: 13.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 14703

Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.4	77.2
126	10.7	7.7	11.5

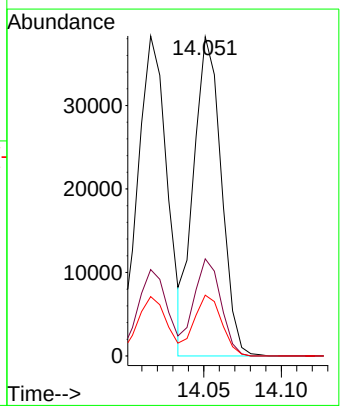


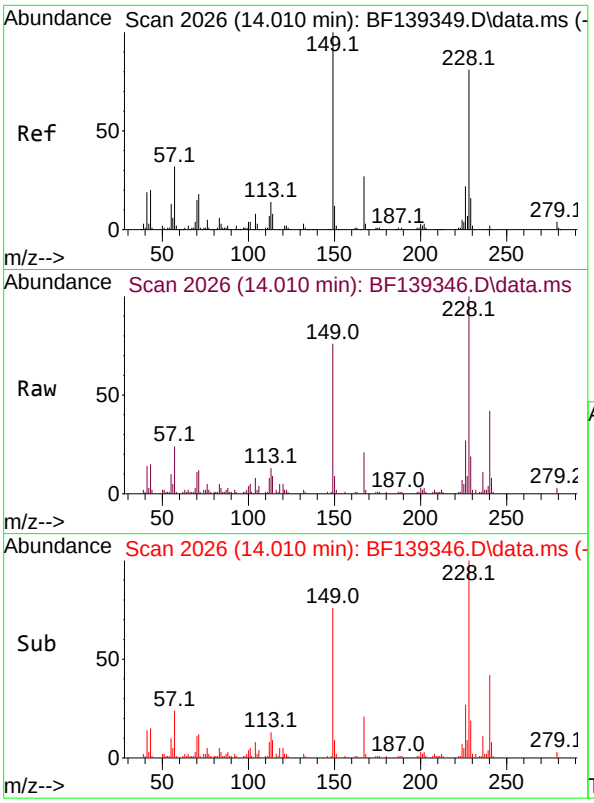


#83
Chrysene
Concen: 5.252 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:228 Resp: 47410

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.0	15.4	23.0



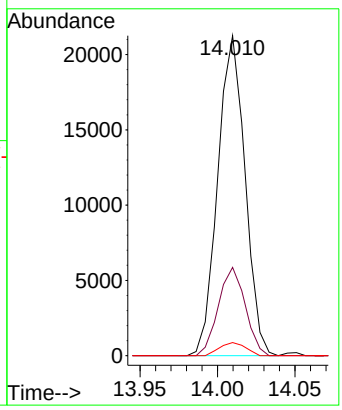


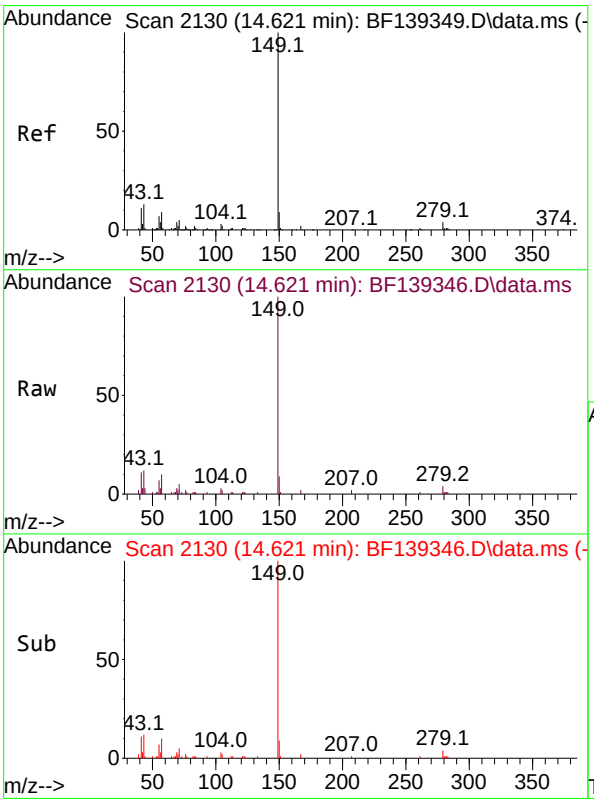
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.441 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 26039

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	4.1	3.3	4.9

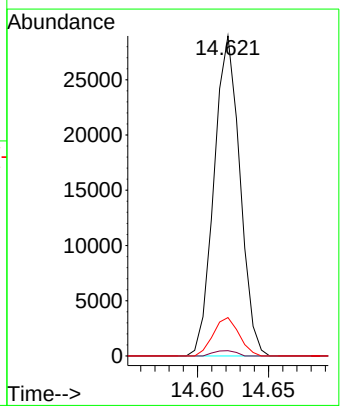


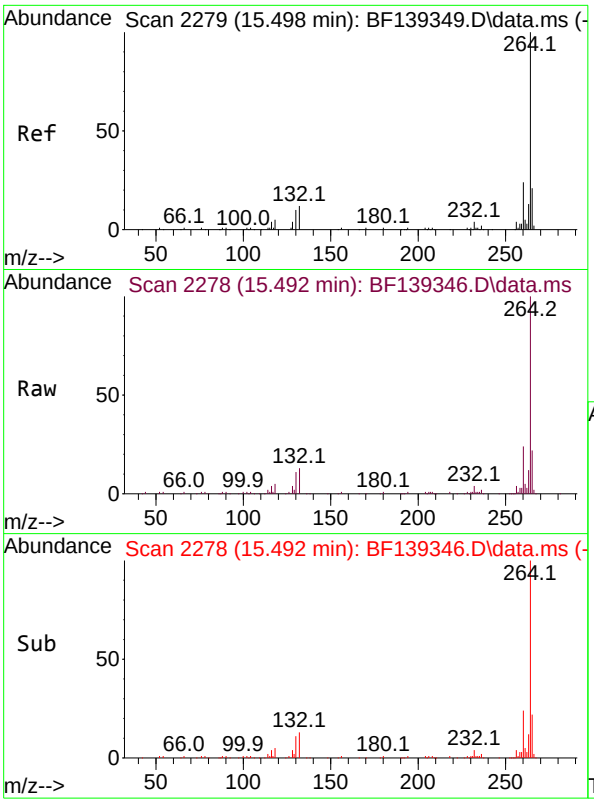


#85
Di-n-octyl phthalate
Concen: 4.742 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:149 Resp: 36708

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	10.6	16.0



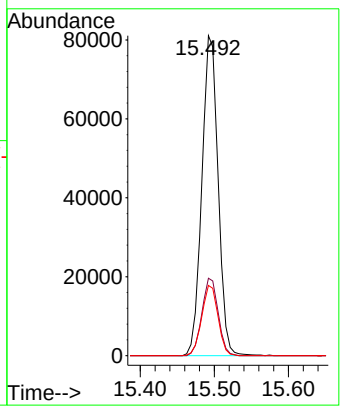


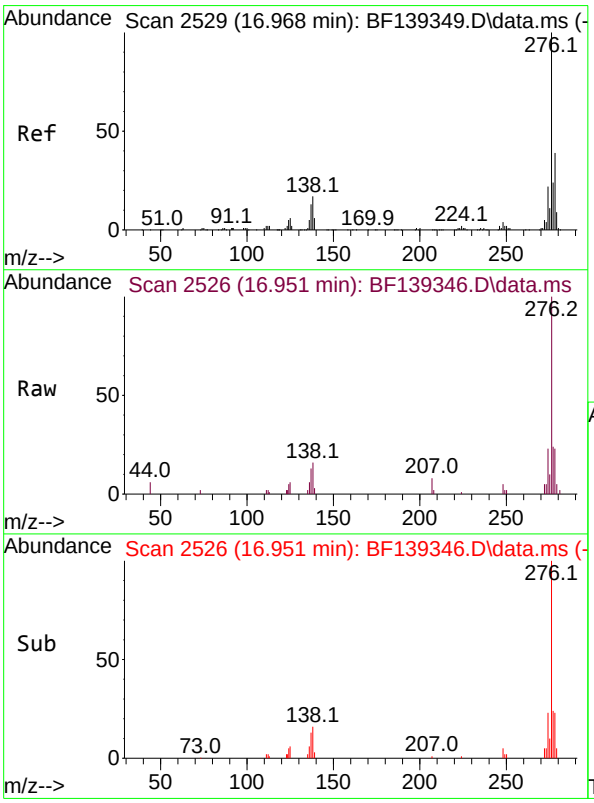
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 123378

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	16.6	25.0

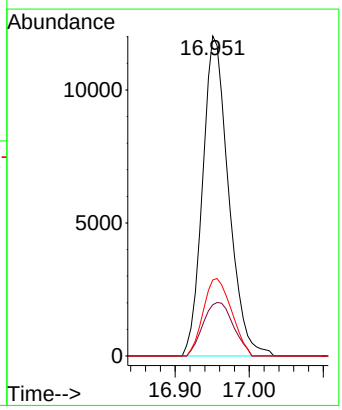


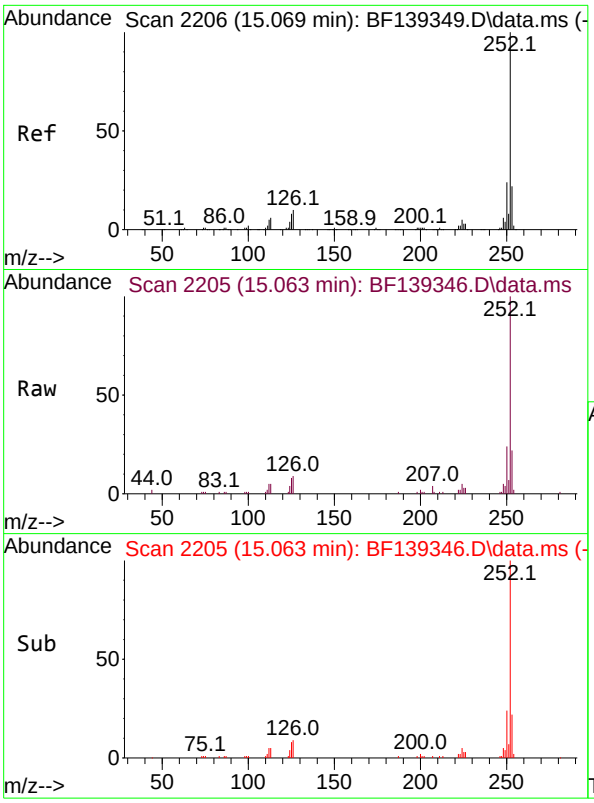


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.790 ng
RT: 16.951 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:276 Resp: 29213

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.4	23.2
277	26.4	20.4	30.6



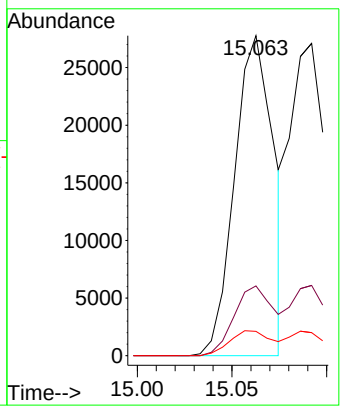


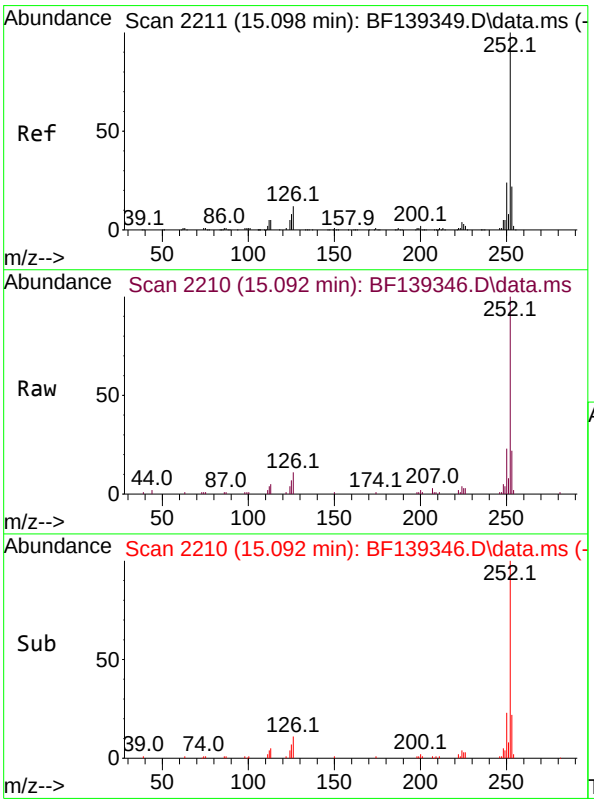
#88
Benzo(b)fluoranthene
Concen: 5.573 ng
RT: 15.063 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 39600

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.6	6.2	9.2

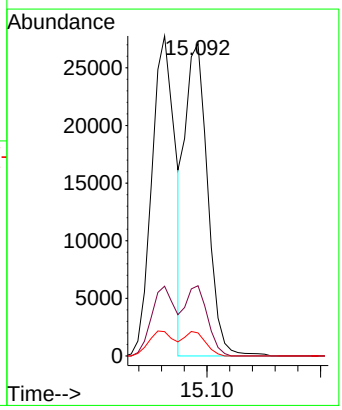


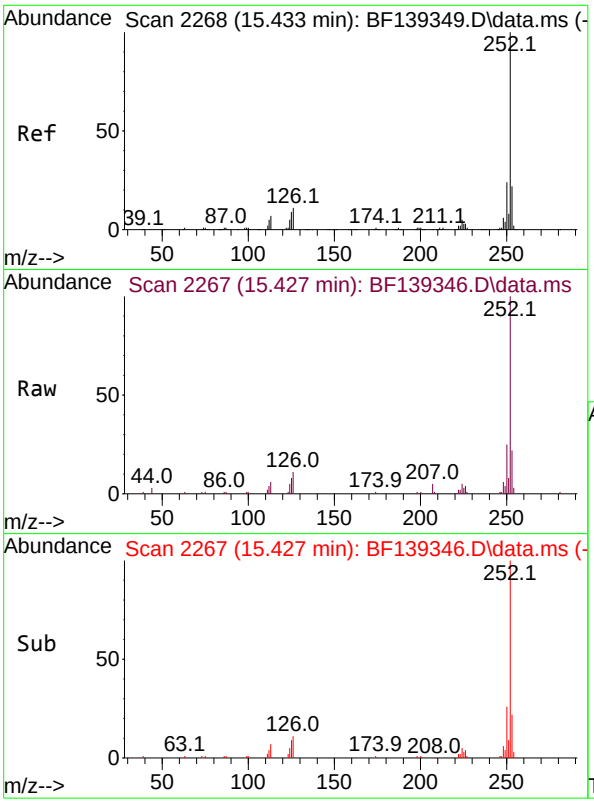


#89
Benzo(k)fluoranthene
Concen: 5.910 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:252 Resp: 37654

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	7.4	5.9	8.9



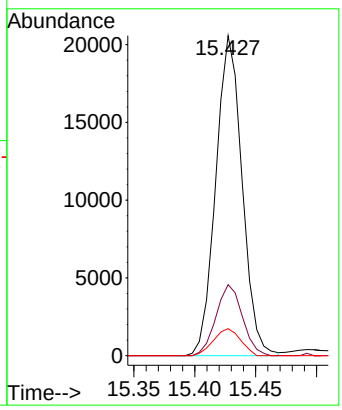


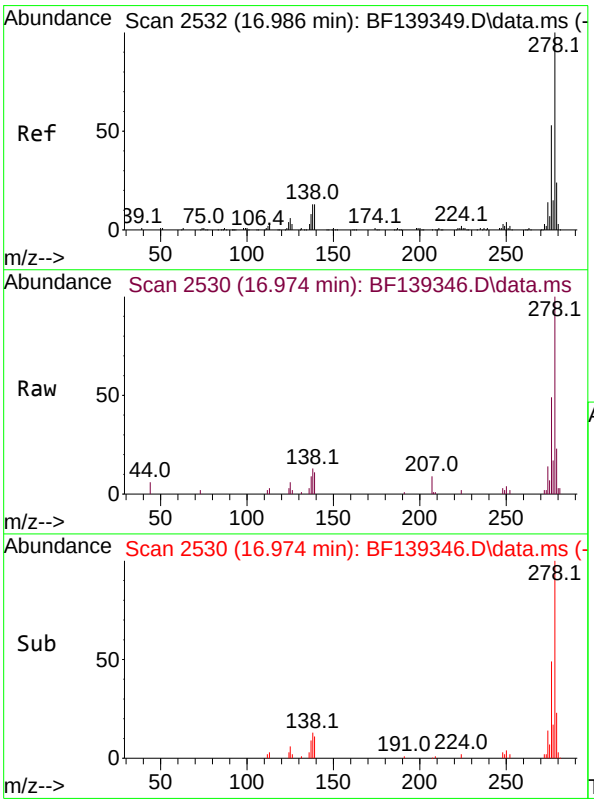
#90
Benzo(a)pyrene
Concen: 5.124 ng
RT: 15.427 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 30914

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.5	6.8	10.2

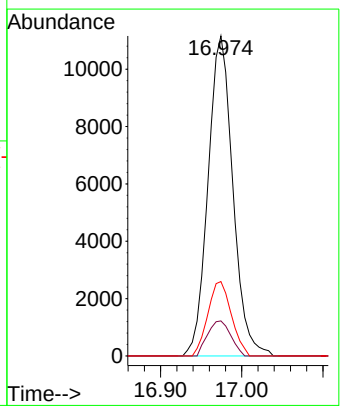


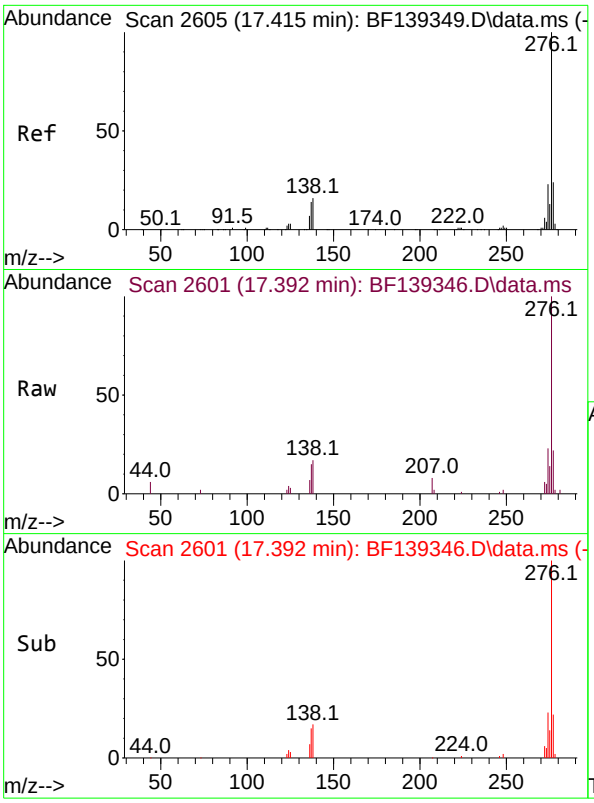


#91
Dibenzo(a,h)anthracene
Concen: 3.738 ng
RT: 16.974 min Scan# 2530
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:278 Resp: 23740

Ion	Ratio	Lower	Upper
278	100		
139	11.0	10.2	15.2
279	23.2	18.9	28.3



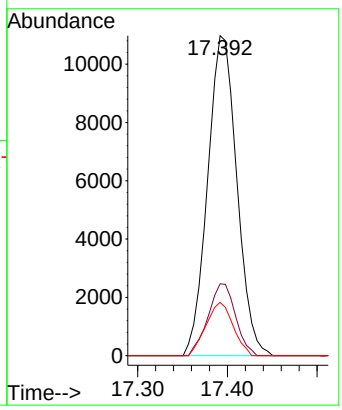


#92
Benzo(g,h,i)perylene
Concen: 3.789 ng
RT: 17.392 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 24841

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.9	28.3
138	16.6	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139347.D
Acq On : 13 Sep 2024 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 14 02:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	53717	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	201664	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	115245	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	222099	20.000	ng		0.00
76) Chrysene-d12	14.027	240	158199	20.000	ng		0.00
86) Perylene-d12	15.492	264	122502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	65675	20.453	ng		0.00
7) Phenol-d6	6.498	99	87242	20.352	ng		0.00
23) Nitrobenzene-d5	7.434	82	83657	21.581	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	23249	23.362	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	161282	21.603	ng		0.00
79) Terphenyl-d14	12.974	244	178386	18.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	13534	9.051	ng		97
3) Pyridine	3.416	79	29605	8.202	ng		98
4) n-Nitrosodimethylamine	3.352	42	24984	10.659	ng		97
6) Aniline	6.534	93	33088	8.394	ng		97
8) 2-Chlorophenol	6.657	128	34776	10.450	ng		99
9) Benzaldehyde	6.428	77	28274	10.896	ng		99
10) Phenol	6.510	94	45862	10.143	ng		97
11) bis(2-Chloroethyl)ether	6.610	93	31623	9.762	ng		99
12) 1,3-Dichlorobenzene	6.816	146	39989	10.616	ng		99
13) 1,4-Dichlorobenzene	6.893	146	39300	10.424	ng		98
14) 1,2-Dichlorobenzene	7.045	146	37222	10.586	ng		100
15) Benzyl Alcohol	7.010	79	35102	11.228	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	52944	8.586	ng		100
17) 2-Methylphenol	7.122	107	26846	9.876	ng		99
18) Hexachloroethane	7.387	117	15219	11.302	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	25559	10.352	ng		95
20) 3+4-Methylphenols	7.275	107	36485	10.649	ng	#	88
22) Acetophenone	7.281	105	51367	10.692	ng		97
24) Nitrobenzene	7.451	77	43986	10.691	ng		98
25) Isophorone	7.692	82	67599	10.200	ng		99
26) 2-Nitrophenol	7.769	139	15797	9.775	ng		97
27) 2,4-Dimethylphenol	7.804	122	22063	9.573	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	38096	9.648	ng		100
29) 2,4-Dichlorophenol	8.010	162	28500	10.328	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	33349	10.582	ng		99
31) Naphthalene	8.181	128	104653	10.248	ng		100
32) Benzoic acid	7.875	122	18593	8.857	ng		92
33) 4-Chloroaniline	8.228	127	32939	9.315	ng		97
34) Hexachlorobutadiene	8.298	225	23282	11.658	ng		98
35) Caprolactam	8.563	113	8646	10.121	ng		99
36) 4-Chloro-3-methylphenol	8.698	107	31957	10.627	ng		99
37) 2-Methylnaphthalene	8.869	142	65040	10.179	ng		100
38) 1-Methylnaphthalene	8.969	142	65274	10.387	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	32822	10.066	ng		99
41) Hexachlorocyclopentadiene	9.022	237	11284	10.768	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	21505	10.080	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139347.D
Acq On : 13 Sep 2024 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 14 02:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

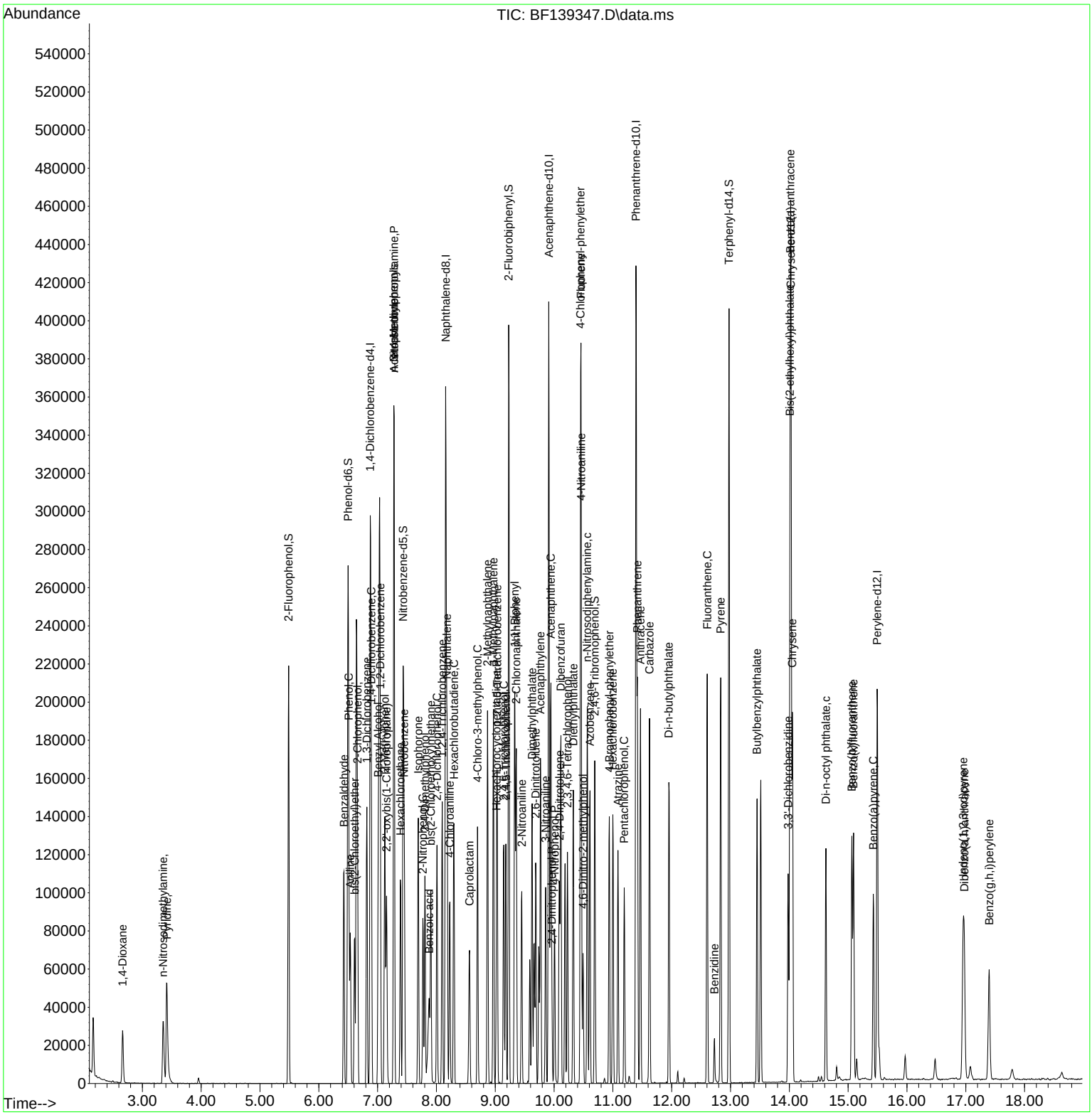
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	22415	10.026	ng		99
46) 1,1'-Biphenyl	9.334	154	85183	9.976	ng		98
47) 2-Chloronaphthalene	9.357	162	63947	9.918	ng		98
48) 2-Nitroaniline	9.451	65	23443	10.556	ng		94
49) Acenaphthylene	9.769	152	98269	10.120	ng		99
50) Dimethylphthalate	9.628	163	73968	10.590	ng		100
51) 2,6-Dinitrotoluene	9.686	165	15845	9.999	ng		91
52) Acenaphthene	9.945	154	65732	10.206	ng		99
53) 3-Nitroaniline	9.857	138	15917	9.428	ng		96
54) 2,4-Dinitrophenol	9.963	184	6191	9.124	ng	#	82
55) Dibenzofuran	10.116	168	96142	10.412	ng		98
56) 4-Nitrophenol	10.010	139	13161	10.561	ng		92
57) 2,4-Dinitrotoluene	10.092	165	21031	10.427	ng		99
58) Fluorene	10.457	166	76225	10.647	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	18817	10.693	ng		99
60) Diethylphthalate	10.328	149	74418	10.826	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	36753	10.645	ng		99
62) 4-Nitroaniline	10.463	138	18177	11.310	ng		95
63) Azobenzene	10.610	77	74109	10.229	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	10162	9.902	ng		97
66) n-Nitrosodiphenylamine	10.563	169	62625	9.687	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	20673	9.594	ng		98
68) Hexachlorobenzene	10.998	284	25459	10.320	ng		96
69) Atrazine	11.086	200	18272	12.250	ng		98
70) Pentachlorophenol	11.192	266	14381	10.092	ng		99
71) Phenanthrene	11.416	178	103026	9.930	ng		99
72) Anthracene	11.469	178	100952	9.960	ng		99
73) Carbazole	11.622	167	99653	10.520	ng		98
74) Di-n-butylphthalate	11.951	149	107918	11.126	ng		100
75) Fluoranthene	12.604	202	121289	11.660	ng		99
77) Benzidine	12.727	184	14345	4.503	ng		98
78) Pyrene	12.833	202	123993	8.114	ng		99
80) Butylbenzylphthalate	13.451	149	43639	12.130	ng		98
81) Benzo(a)anthracene	14.016	228	101798	10.077	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	30382	11.325	ng		99
83) Chrysene	14.051	228	95429	10.122	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	56206	13.311	ng		100
85) Di-n-octyl phthalate	14.621	149	75430	9.330	ng		98
87) Indeno(1,2,3-cd)pyrene	16.957	276	62757	8.200	ng		99
88) Benzo(b)fluoranthene	15.063	252	72770	10.315	ng		99
89) Benzo(k)fluoranthene	15.092	252	74218	11.733	ng		100
90) Benzo(a)pyrene	15.427	252	60345	10.073	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	51908	8.231	ng		99
92) Benzo(g,h,i)perylene	17.398	276	51824	7.961	ng		98

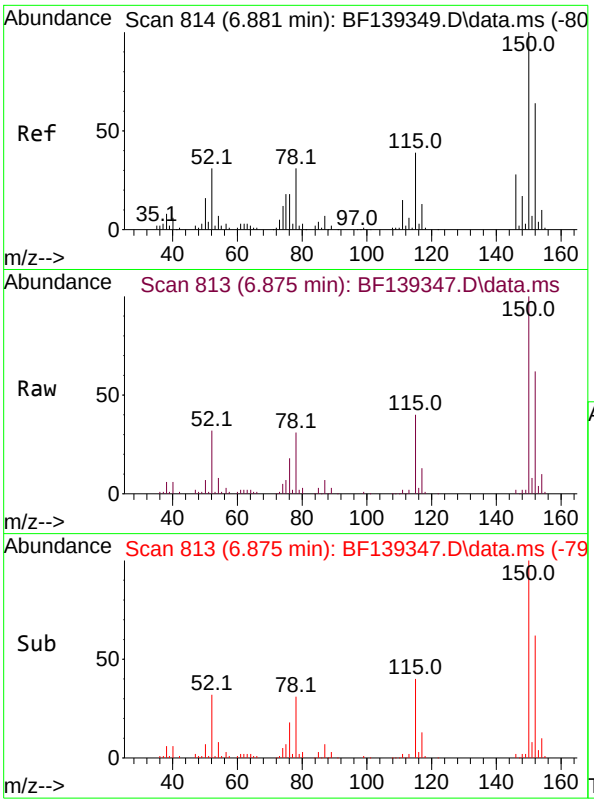
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139347.D
Acq On : 13 Sep 2024 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 14 02:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



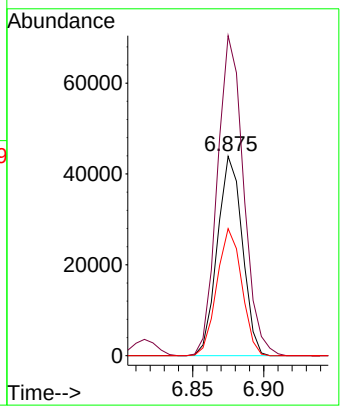


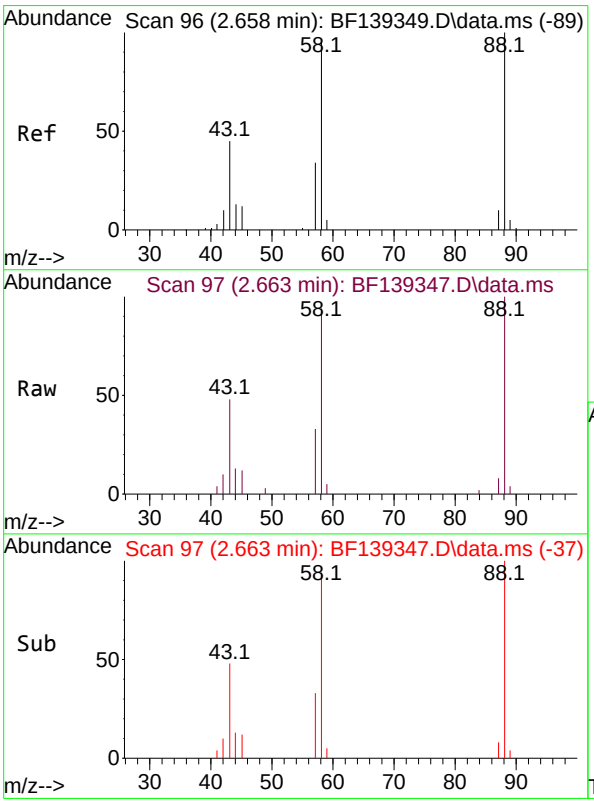
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 53717

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.1	186.1
115	63.7	48.1	72.1

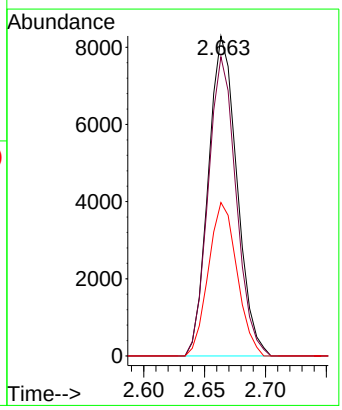


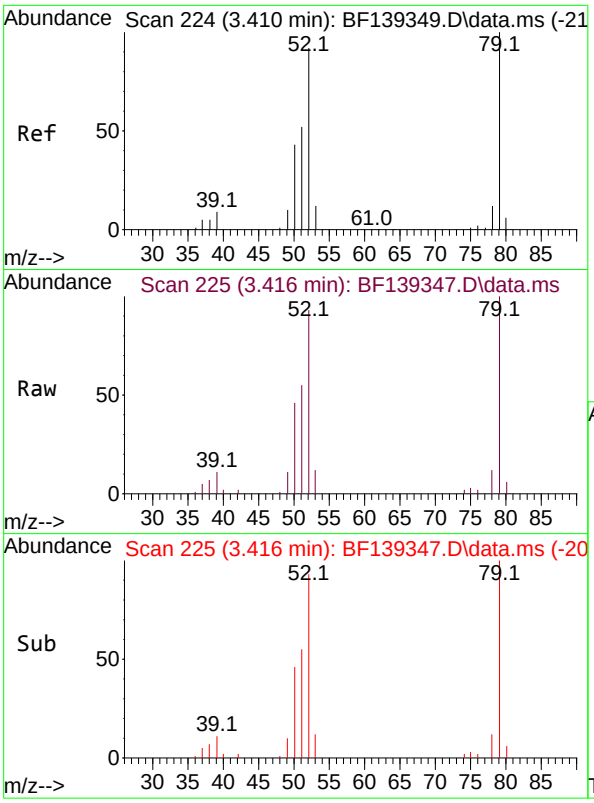


#2
1,4-Dioxane
Concen: 9.051 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 88 Resp: 13534

Ion	Ratio	Lower	Upper
88	100		
58	91.3	74.8	112.2
43	47.9	36.4	54.6



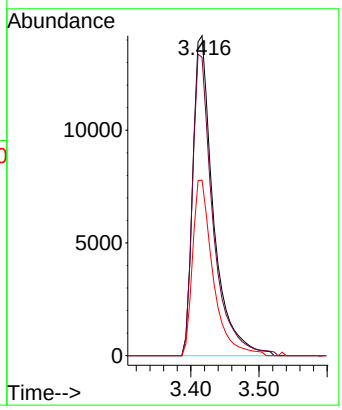


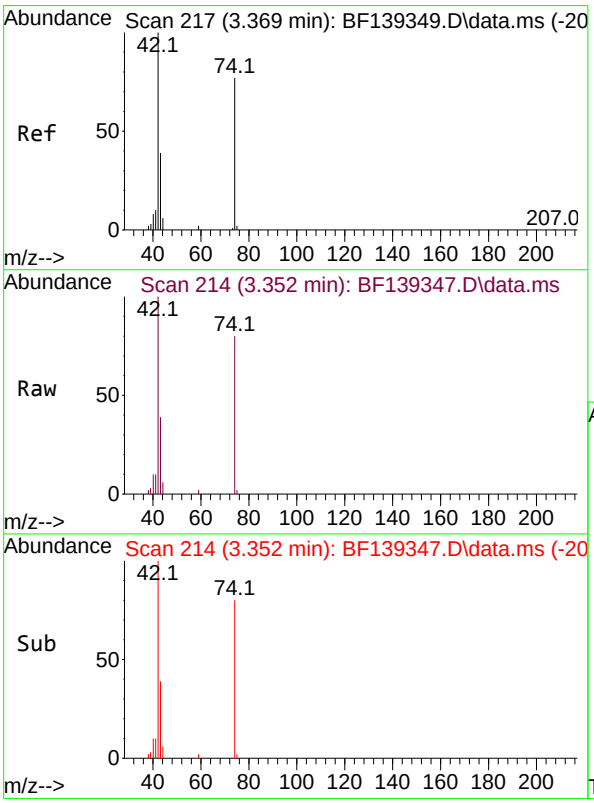
#3
Pyridine
Concen: 8.202 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 29605

Ion	Ratio	Lower	Upper
79	100		
52	93.3	73.8	110.8
51	54.9	41.8	62.6

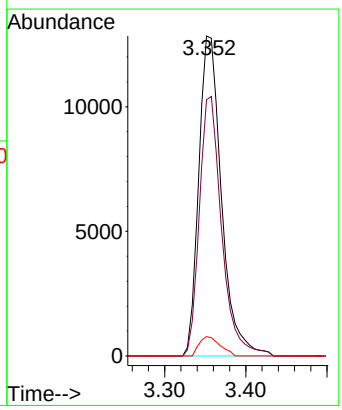


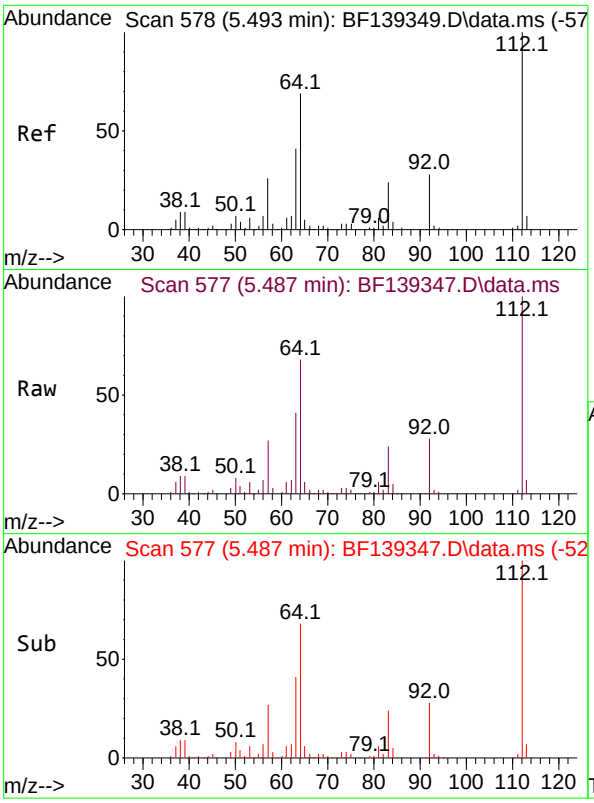


#4
n-Nitrosodimethylamine
Concen: 10.659 ng
RT: 3.352 min Scan# 214
Delta R.T. -0.018 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 42 Resp: 24984

Ion	Ratio	Lower	Upper
42	100		
74	80.1	61.8	92.8
44	6.1	4.8	7.2



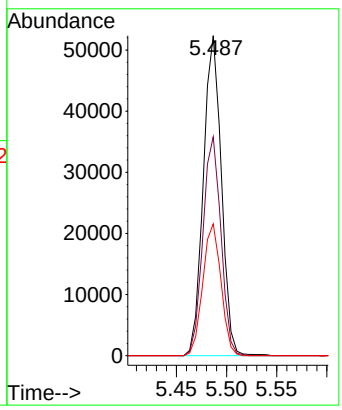


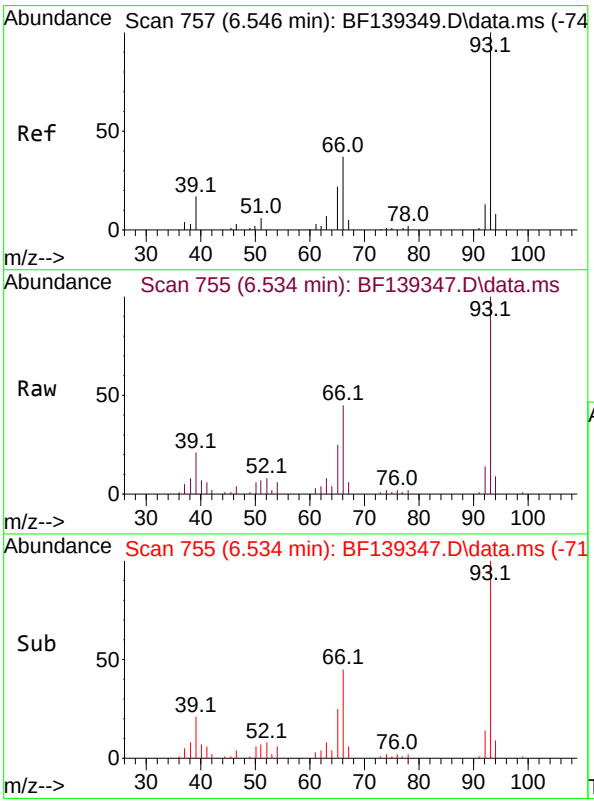
#5
2-Fluorophenol
Concen: 20.453 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 65675

Ion	Ratio	Lower	Upper
112	100		
64	68.4	54.8	82.2
63	41.2	33.0	49.4

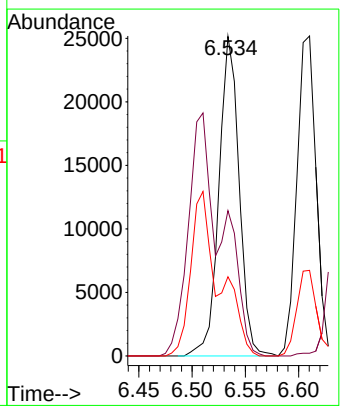


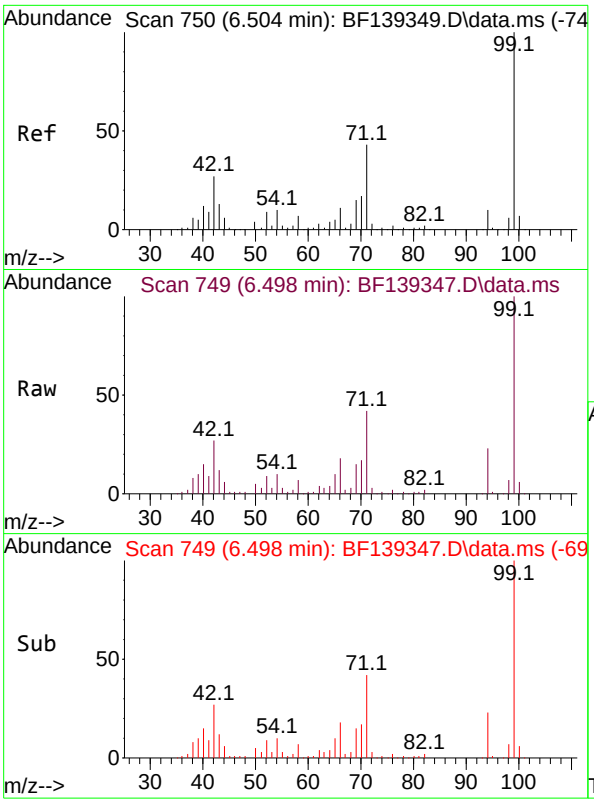


#6
Aniline
Concen: 8.394 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.035 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 93 Resp: 33088

Ion	Ratio	Lower	Upper
93	100		
66	45.5	35.4	53.0
65	24.8	18.2	27.4



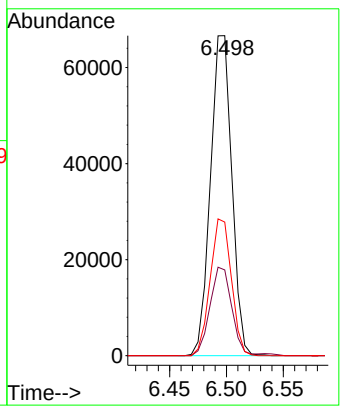


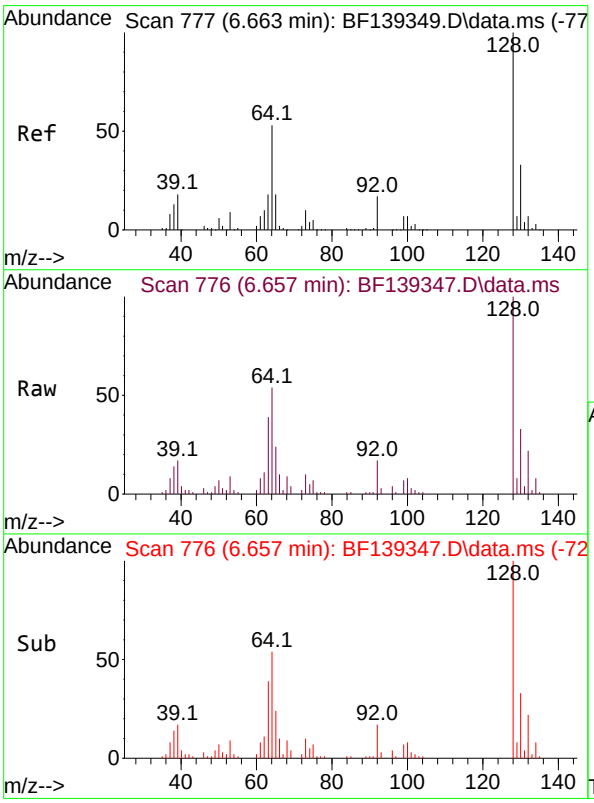
#7
Phenol-d6
Concen: 20.352 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 87242

Ion	Ratio	Lower	Upper
99	100		
42	26.8	21.9	32.9
71	41.7	34.6	52.0

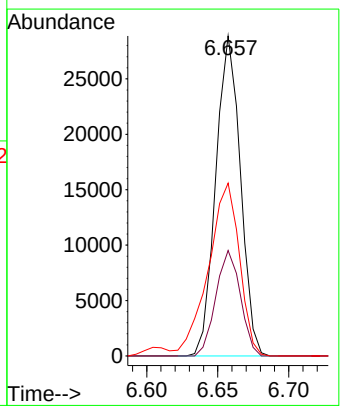


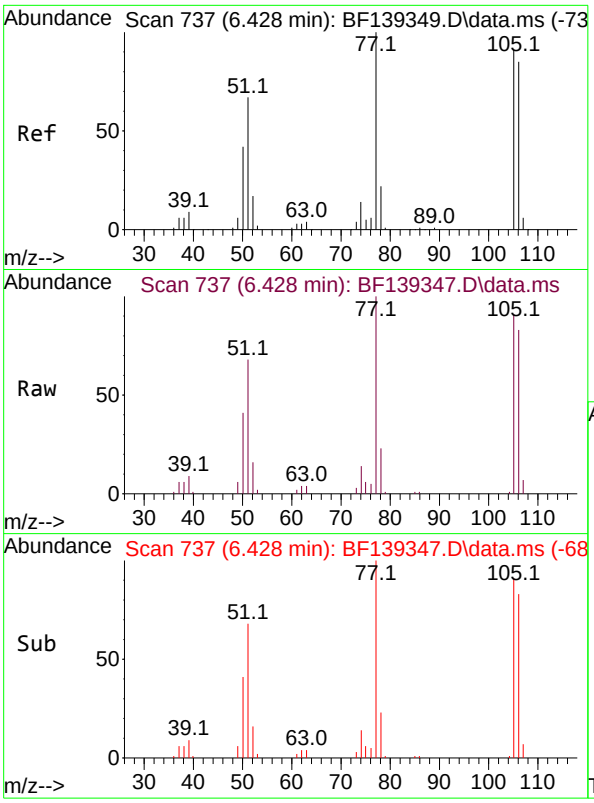


#8
2-Chlorophenol
Concen: 10.450 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:128 Resp: 34776

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	54.0	35.1	75.1



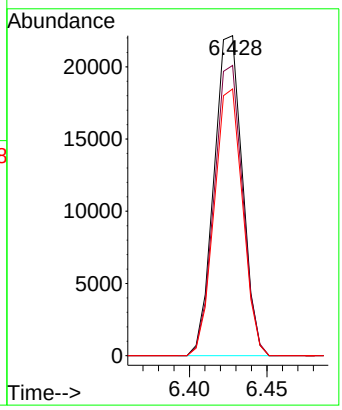


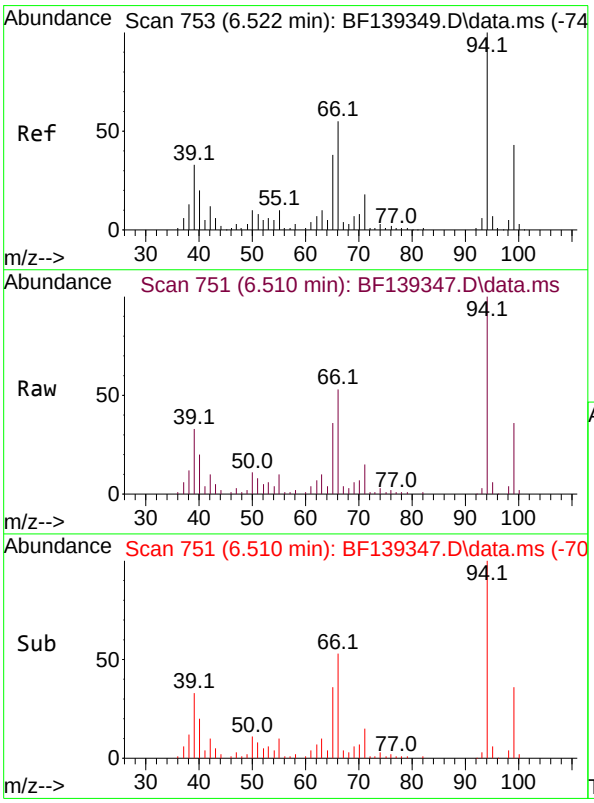
#9
Benzaldehyde
Concen: 10.896 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 28274

Ion	Ratio	Lower	Upper
77	100		
105	90.7	71.0	111.0
106	83.4	64.9	104.9

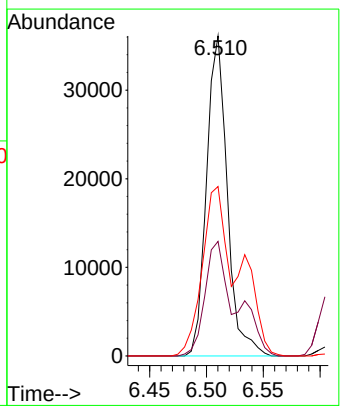


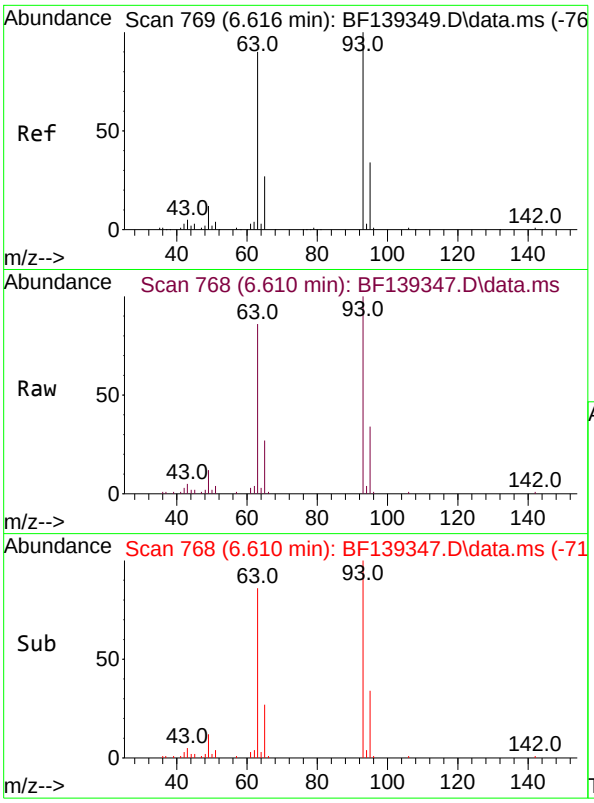


#10
Phenol
Concen: 10.143 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 94 Resp: 45862

Ion	Ratio	Lower	Upper
94	100		
65	35.8	17.6	57.6
66	53.0	35.2	75.2



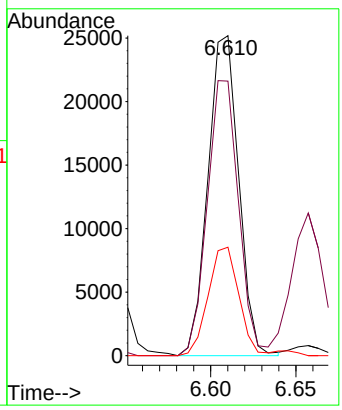


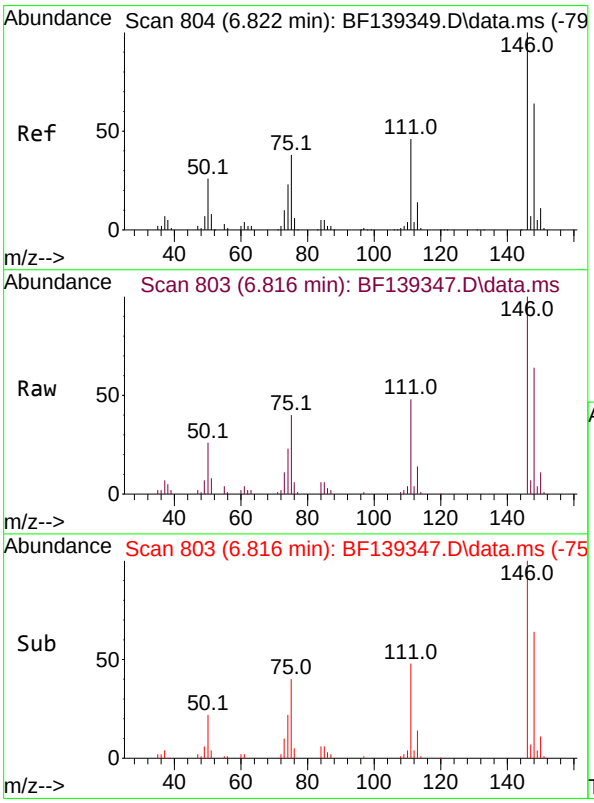
#11
bis(2-Chloroethyl)ether
Concen: 9.762 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 31623

Ion	Ratio	Lower	Upper
93	100		
63	85.8	65.3	105.3
95	33.9	12.4	52.4

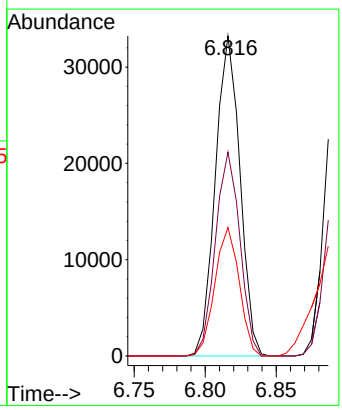


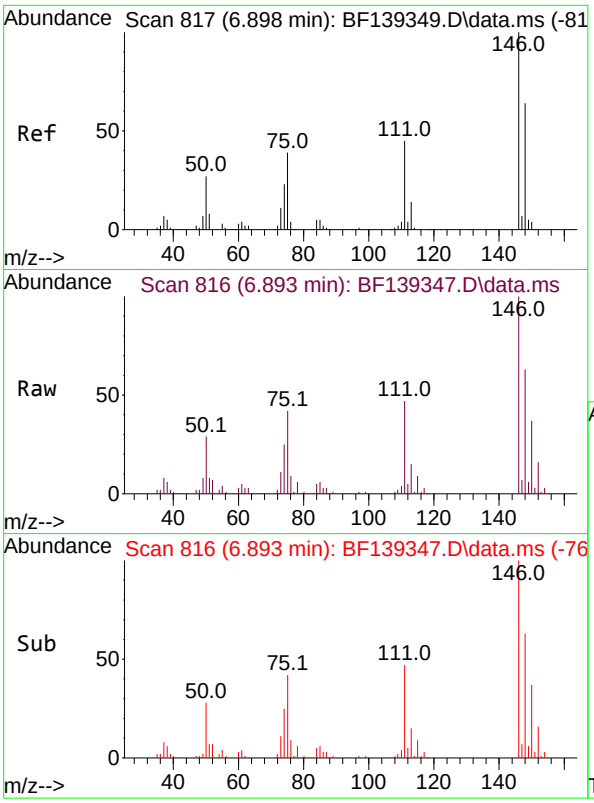


#12
1,3-Dichlorobenzene
Concen: 10.616 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:146 Resp: 39989

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
75	40.1	30.6	46.0



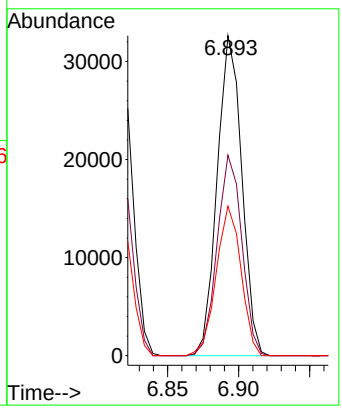


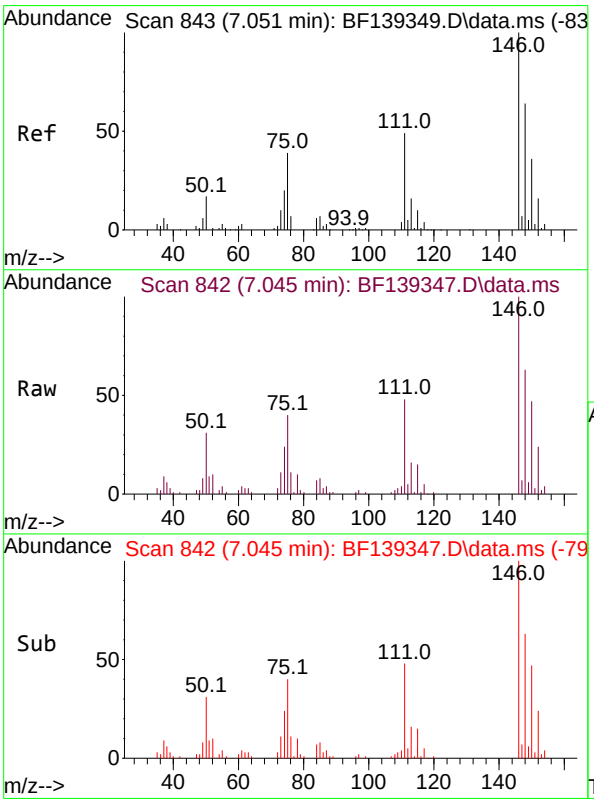
#13
1,4-Dichlorobenzene
Concen: 10.424 ng
RT: 6.893 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 39300

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
111	46.7	36.3	54.5

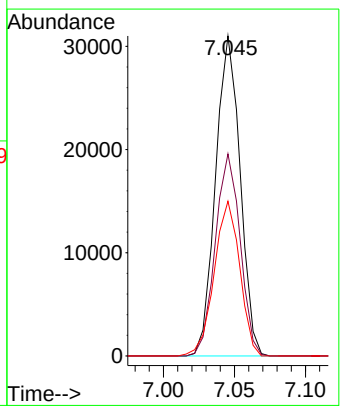


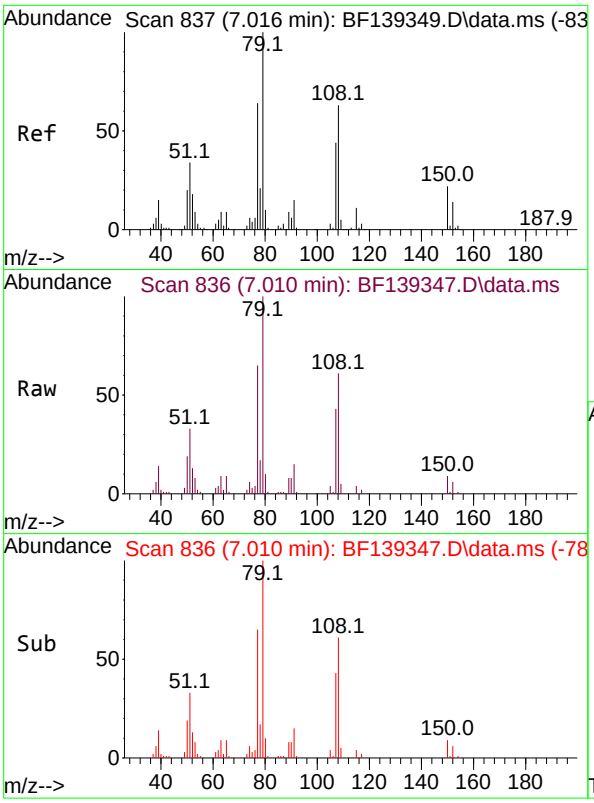


#14
1,2-Dichlorobenzene
Concen: 10.586 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:146 Resp: 37222

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
111	48.4	38.9	58.3



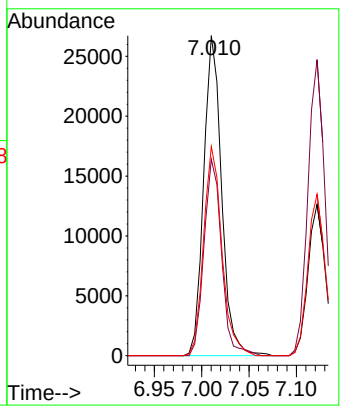


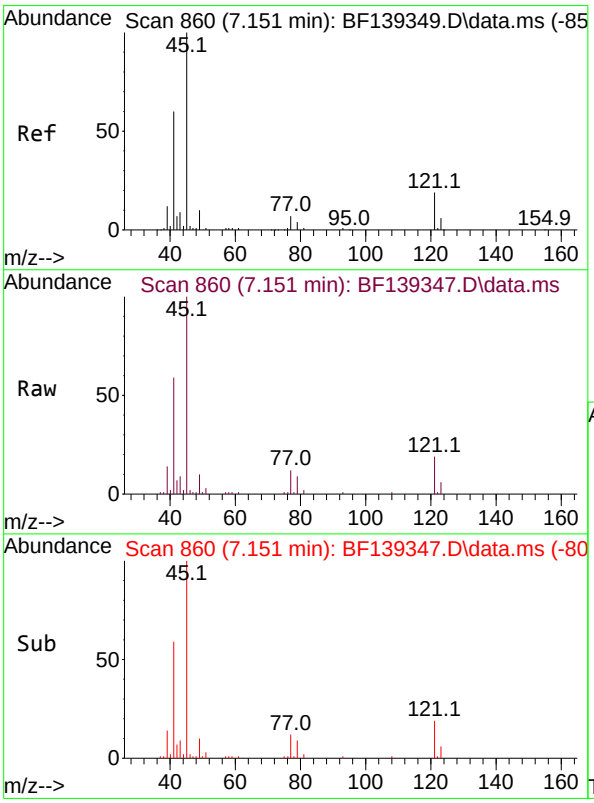
#15
Benzyl Alcohol
Concen: 11.228 ng
RT: 7.010 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 35102

Ion	Ratio	Lower	Upper
79	100		
108	61.3	50.4	75.6
77	65.4	51.4	77.2

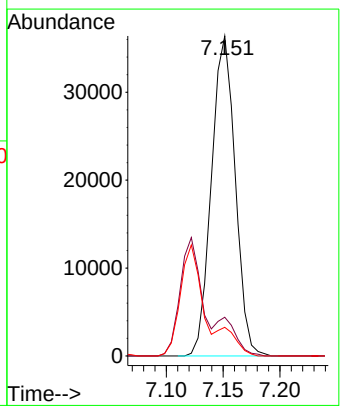


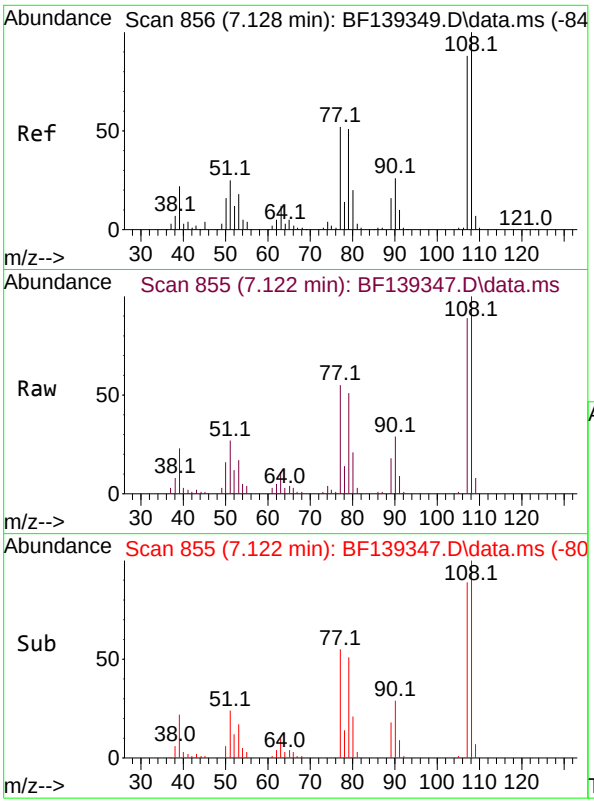


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.586 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 45 Resp: 52944

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.0	0.0	29.1



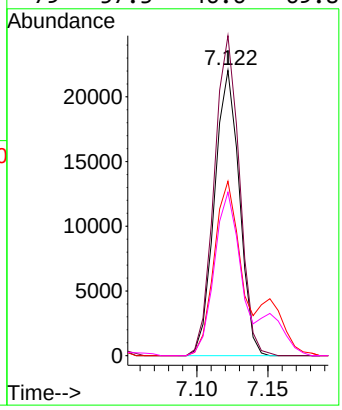


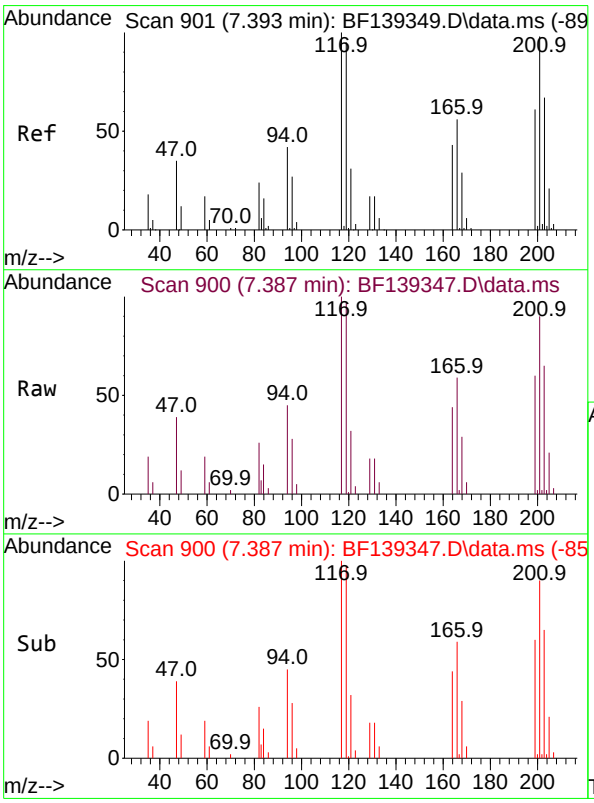
#17
2-Methylphenol
Concen: 9.876 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 26846

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.5	135.7
77	61.1	47.1	70.7
79	57.3	46.6	69.8

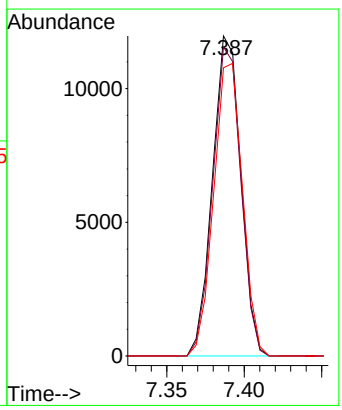


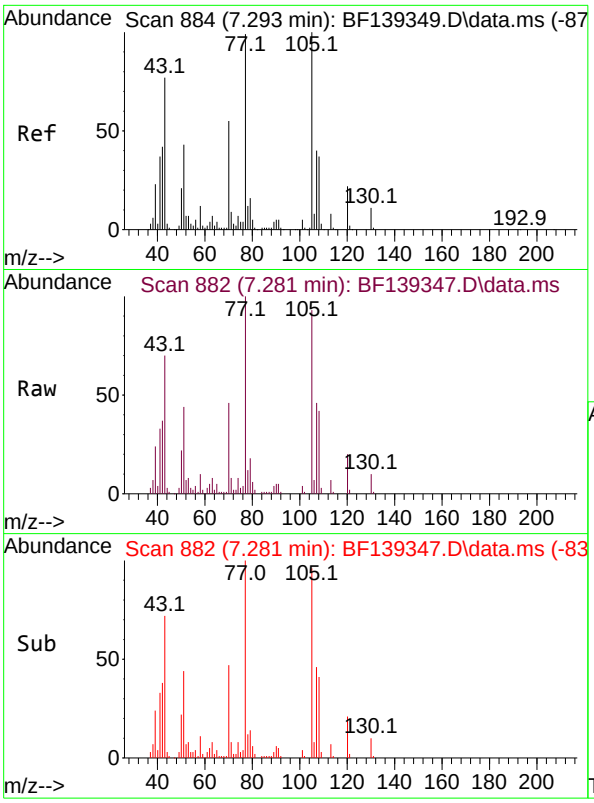


#18
Hexachloroethane
Concen: 11.302 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:117 Resp: 15219

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	90.1	78.6	118.0



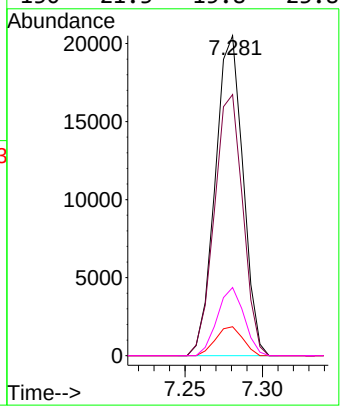


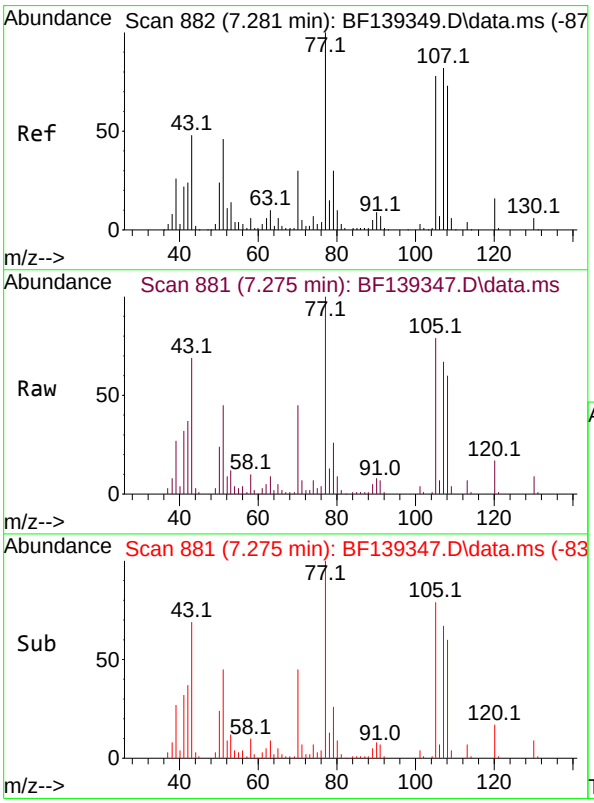
#19
n-Nitroso-di-n-propylamine
Concen: 10.352 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 25559

Ion	Ratio	Lower	Upper
70	100		
42	81.6	61.2	91.8
101	9.0	7.5	11.3
130	21.3	15.8	23.8

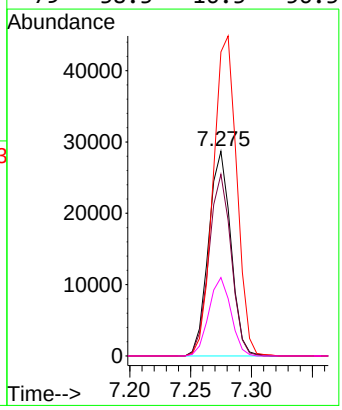


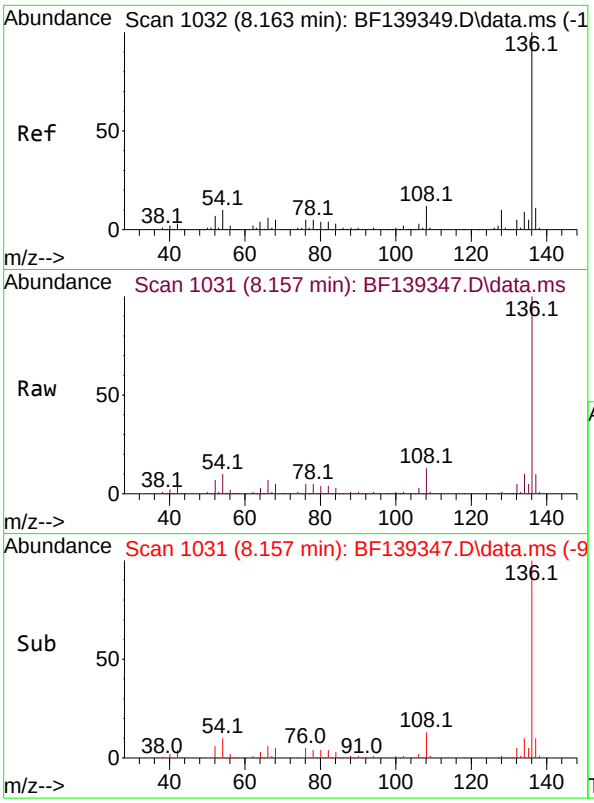


#20
3+4-Methylphenols
Concen: 10.649 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:107 Resp: 36485

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.6	108.6
77	148.5	101.6	141.6#
79	38.3	16.3	56.3



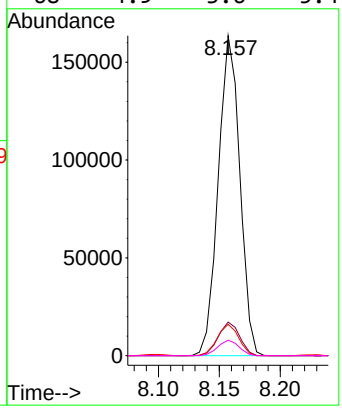


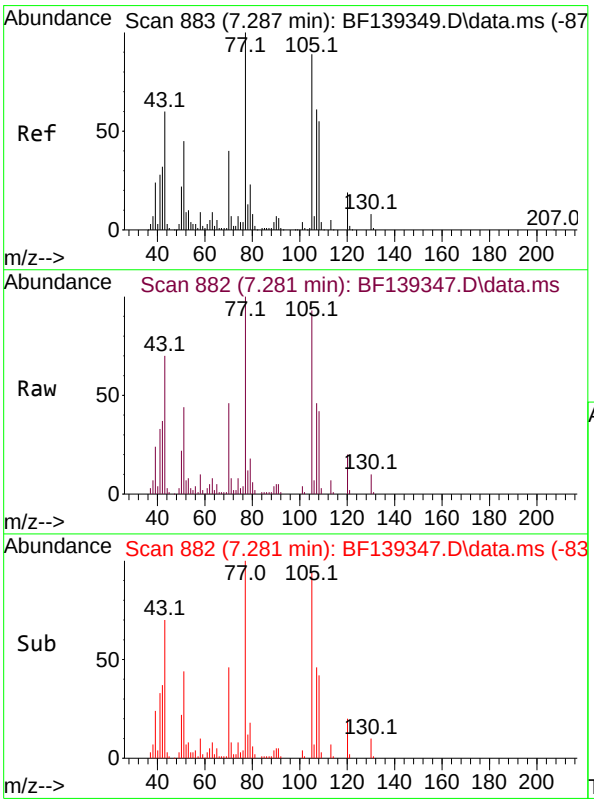
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 201664

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.8	7.8	11.8
68	4.9	3.6	5.4

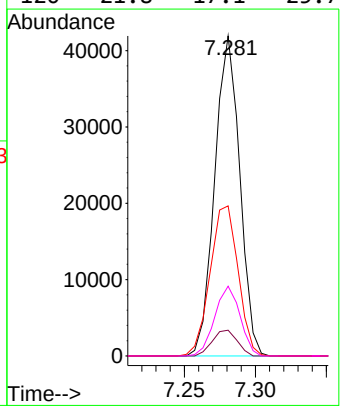


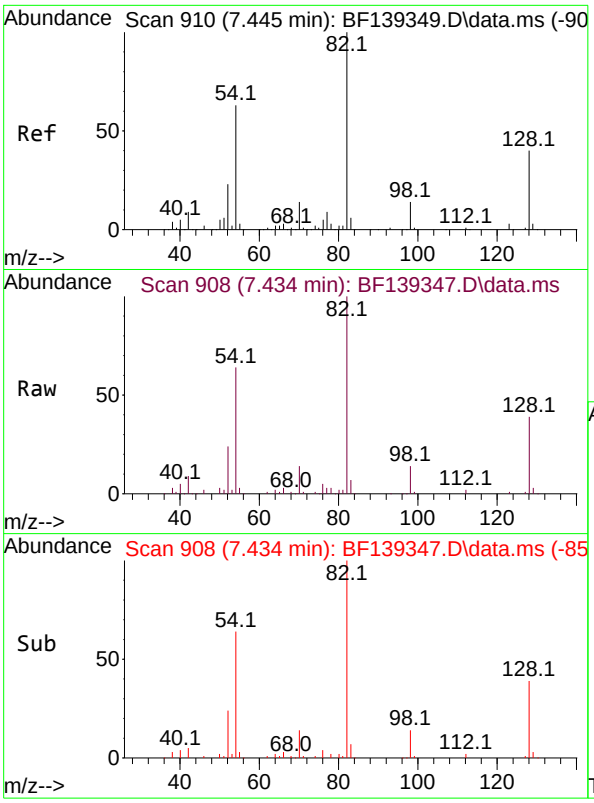


#22
Acetophenone
Concen: 10.692 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:105 Resp: 51367

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	46.9	40.0	60.0
120	21.8	17.1	25.7



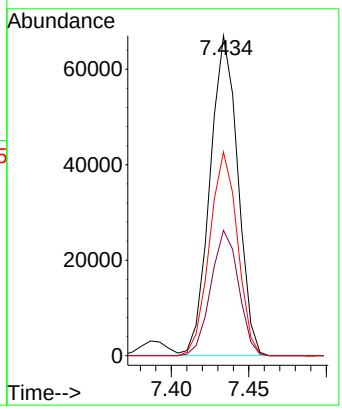


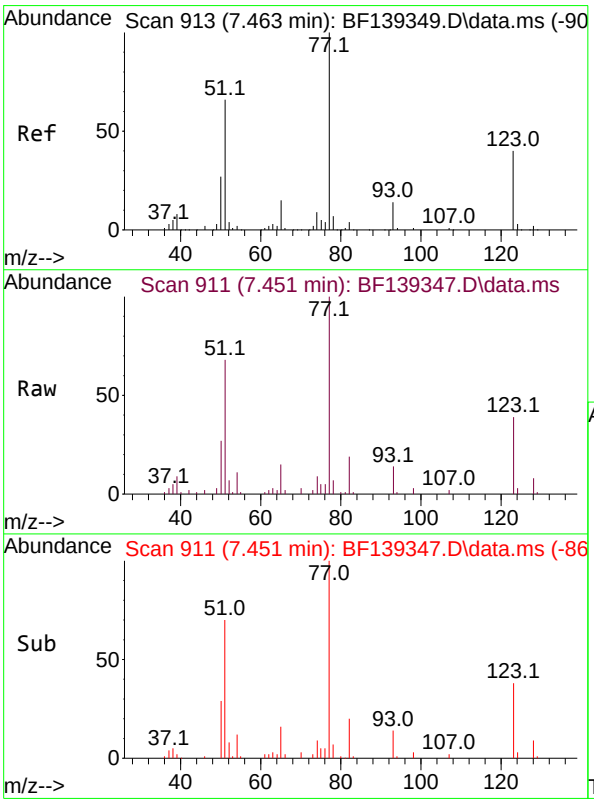
#23
Nitrobenzene-d5
Concen: 21.581 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 83657

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	63.6	50.6	75.8

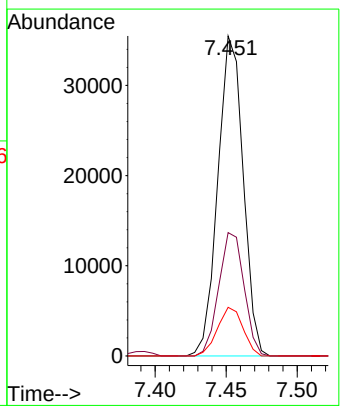


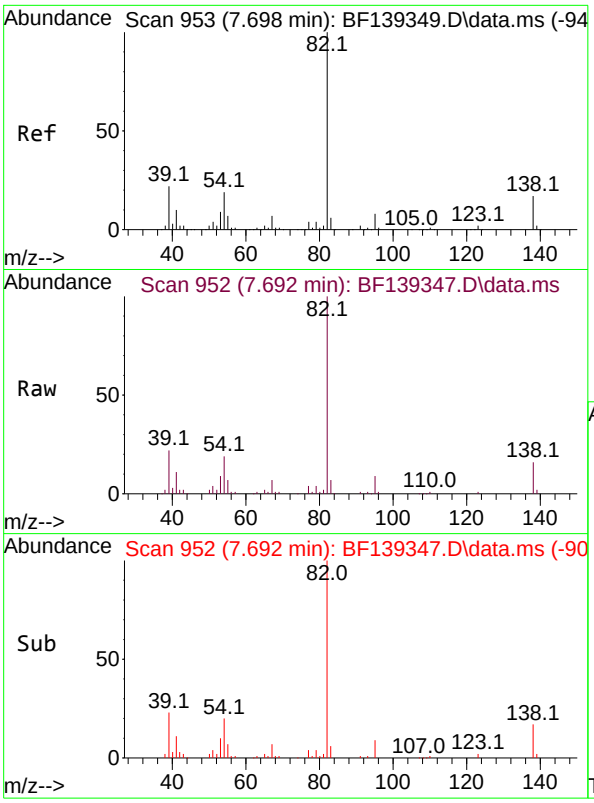


#24
Nitrobenzene
Concen: 10.691 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 77 Resp: 43986

Ion	Ratio	Lower	Upper
77	100		
123	38.5	32.2	48.4
65	15.2	12.2	18.4



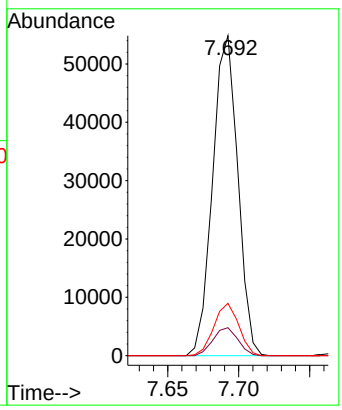


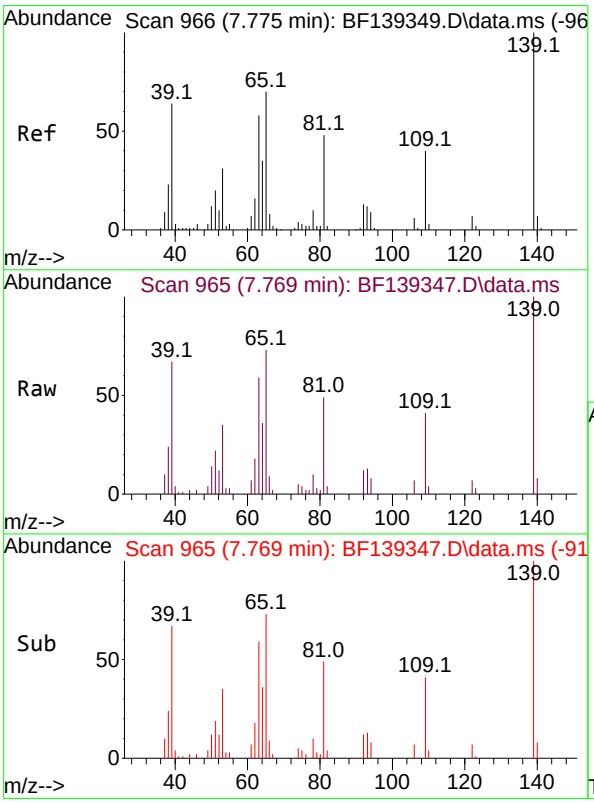
#25
Isophorone
Concen: 10.200 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 67599

Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.7	10.1
138	16.3	13.3	19.9

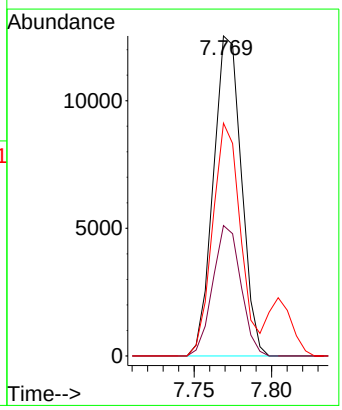


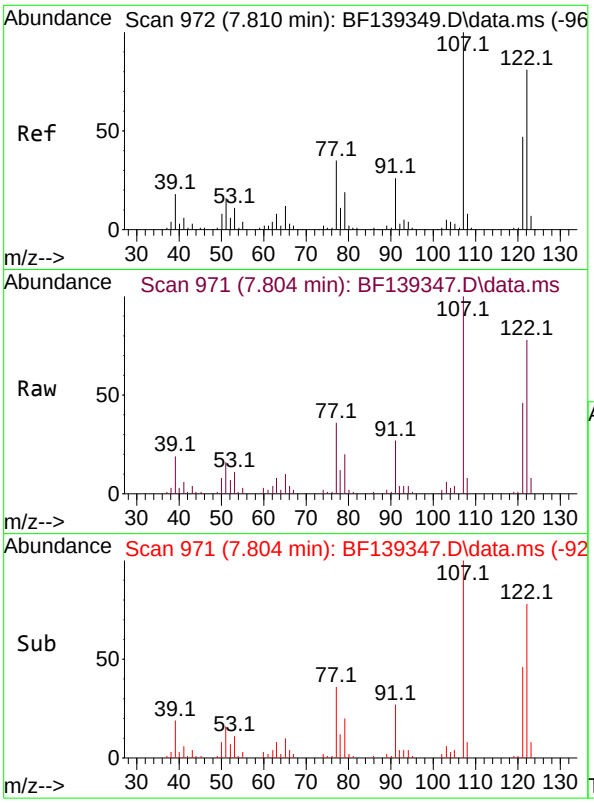


#26
2-Nitrophenol
Concen: 9.775 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:139 Resp: 15797

Ion	Ratio	Lower	Upper
139	100		
109	40.8	32.2	48.2
65	72.7	55.8	83.8



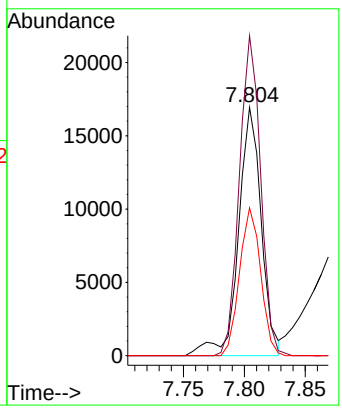


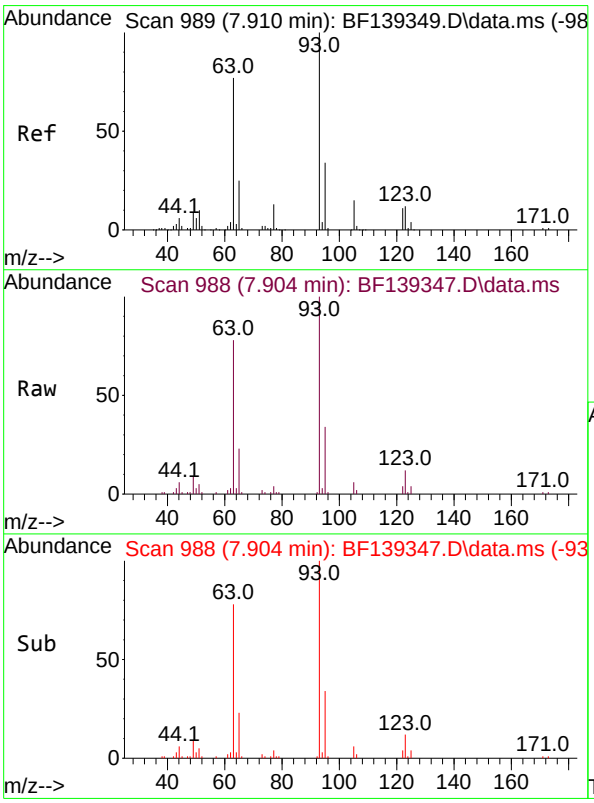
#27
2,4-Dimethylphenol
Concen: 9.573 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 22063

Ion	Ratio	Lower	Upper
122	100		
107	128.8	99.1	148.7
121	59.5	46.6	70.0

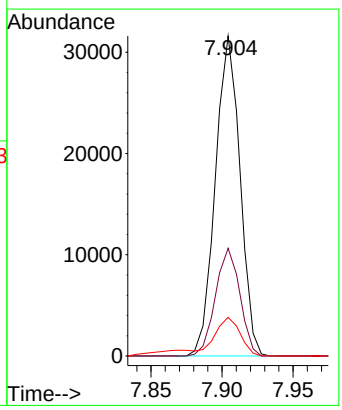


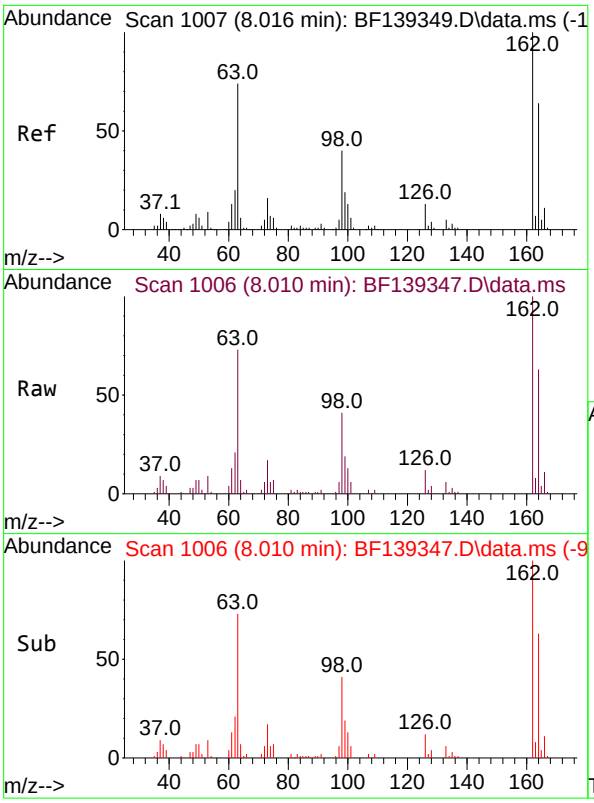


#28
bis(2-Chloroethoxy)methane
Concen: 9.648 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 93 Resp: 38096

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.1	10.0	15.0



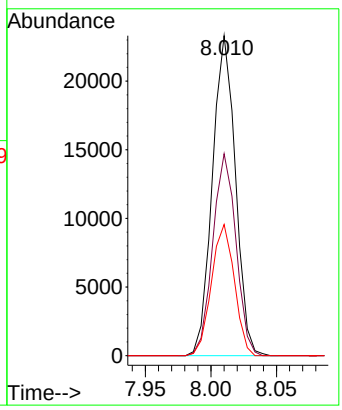


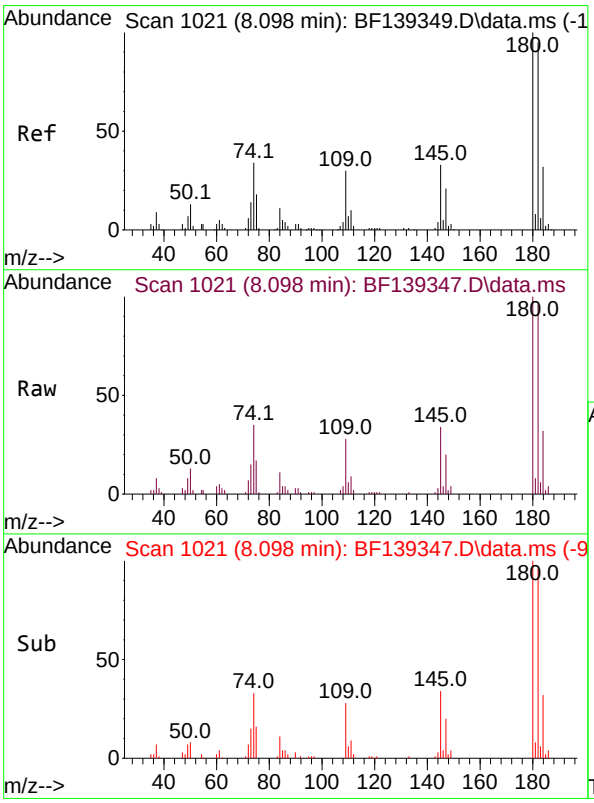
#29
2,4-Dichlorophenol
Concen: 10.328 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 28500

Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.6	83.6
98	41.0	19.7	59.7

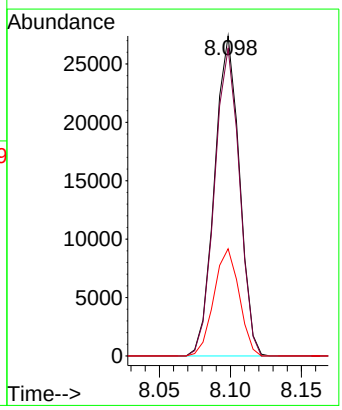


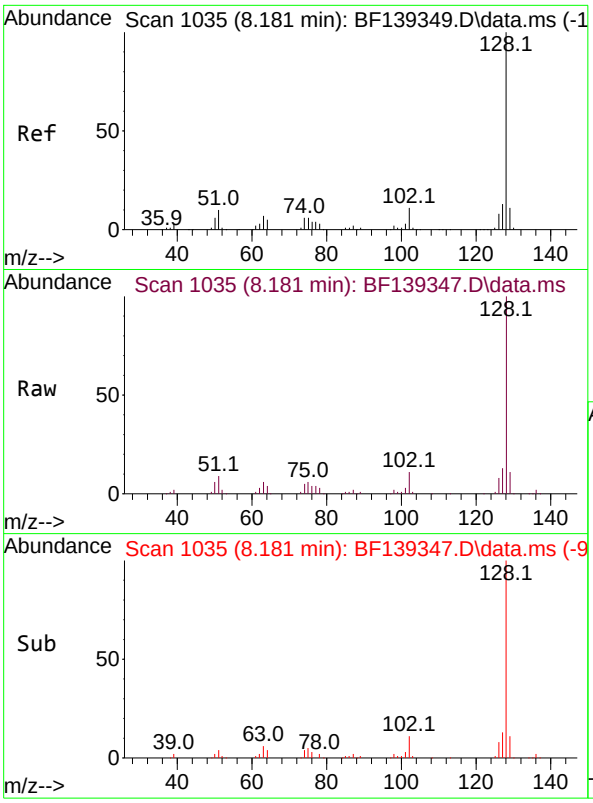


#30
1,2,4-Trichlorobenzene
Concen: 10.582 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:180 Resp: 33349

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	33.5	26.5	39.7



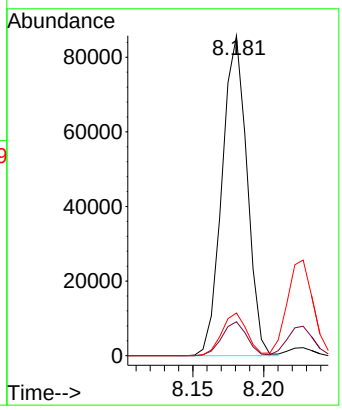


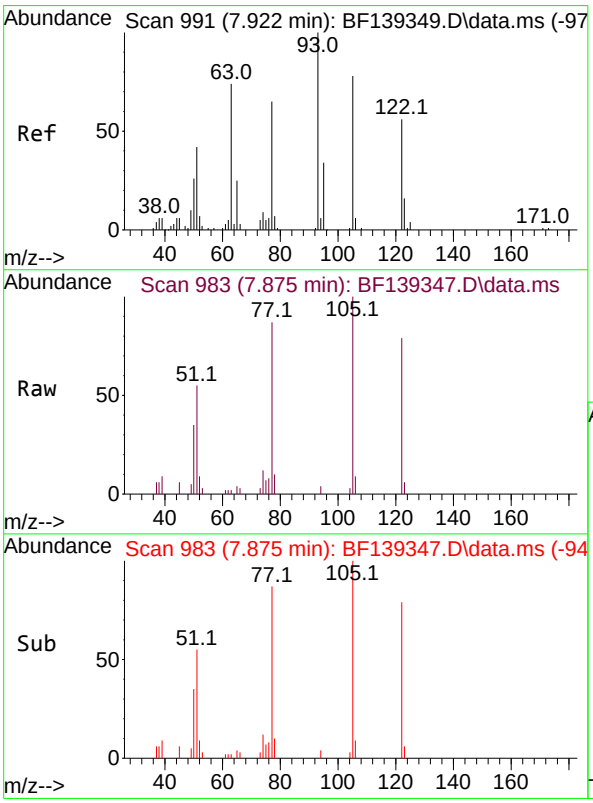
#31
Naphthalene
Concen: 10.248 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 104653

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.4	10.6	16.0

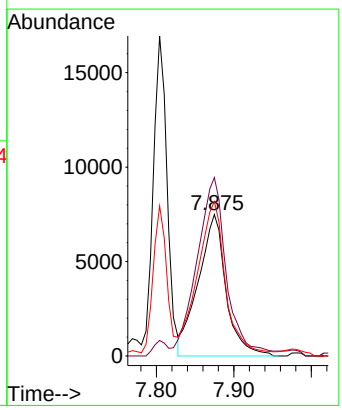


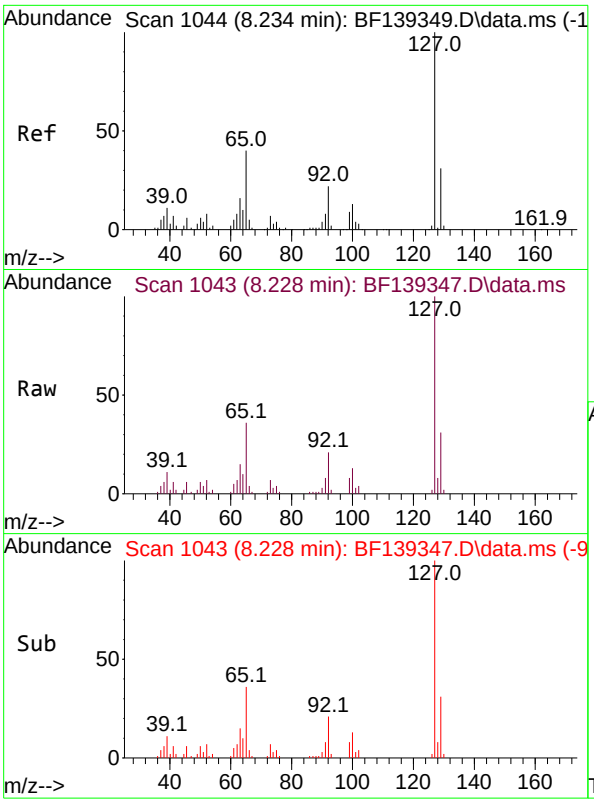


#32
Benzoic acid
Concen: 8.857 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.047 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:122 Resp: 18593

Ion	Ratio	Lower	Upper
122	100		
105	126.1	117.1	157.1
77	109.1	95.4	135.4



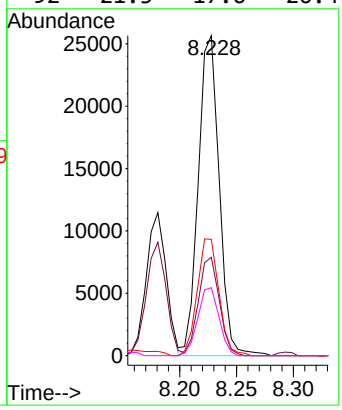


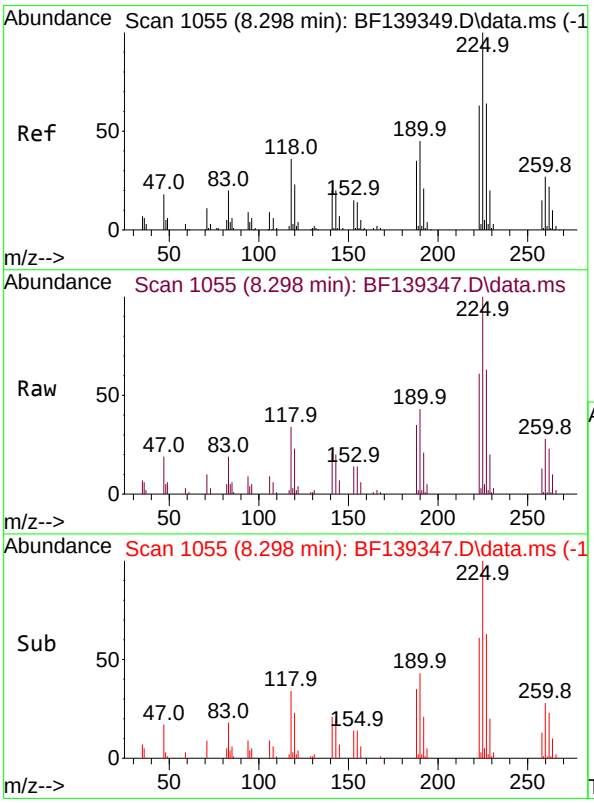
#33
4-Chloroaniline
Concen: 9.315 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 32939

Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.5	38.3
65	36.3	31.5	47.3
92	21.3	17.6	26.4

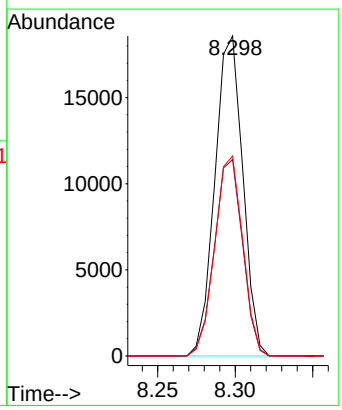


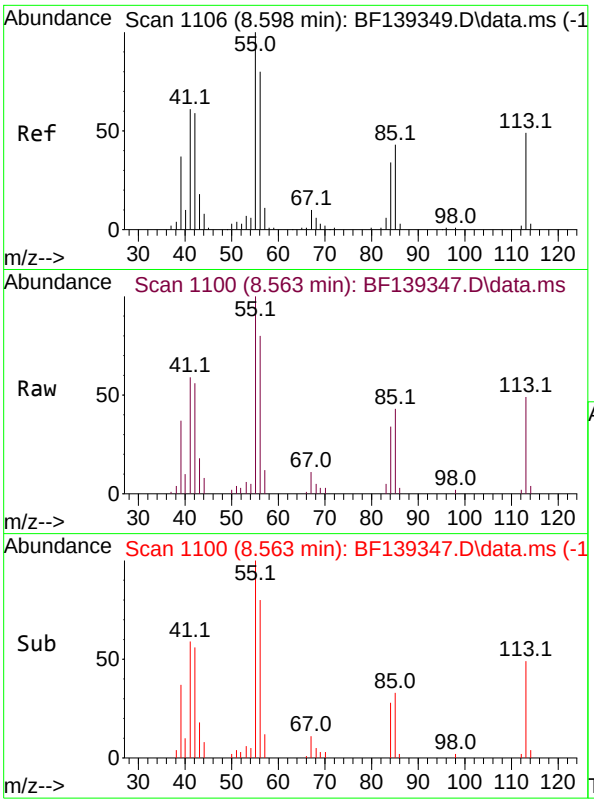


#34
Hexachlorobutadiene
Concen: 11.658 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:225 Resp: 23282

Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.1	75.1
227	62.5	51.0	76.6



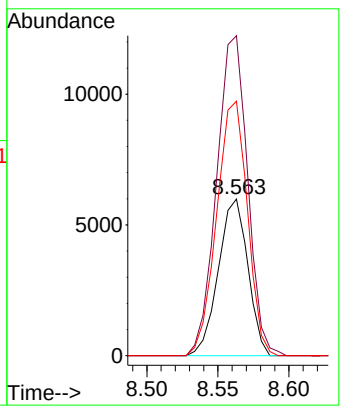


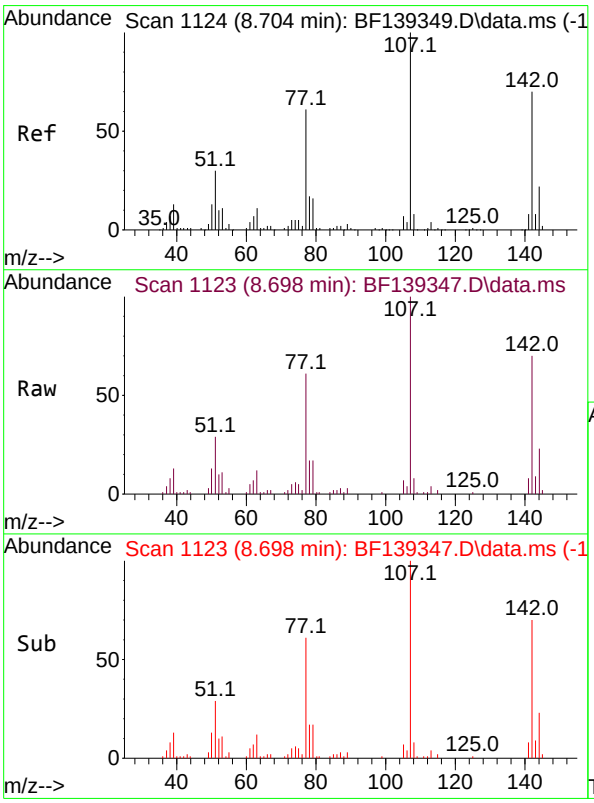
#35
Caprolactam
Concen: 10.121 ng
RT: 8.563 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 8646

Ion	Ratio	Lower	Upper
113	100		
55	204.2	186.1	226.1
56	162.5	144.9	184.9

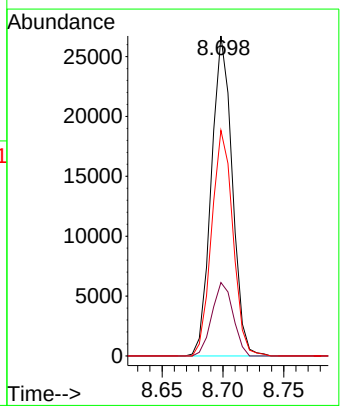


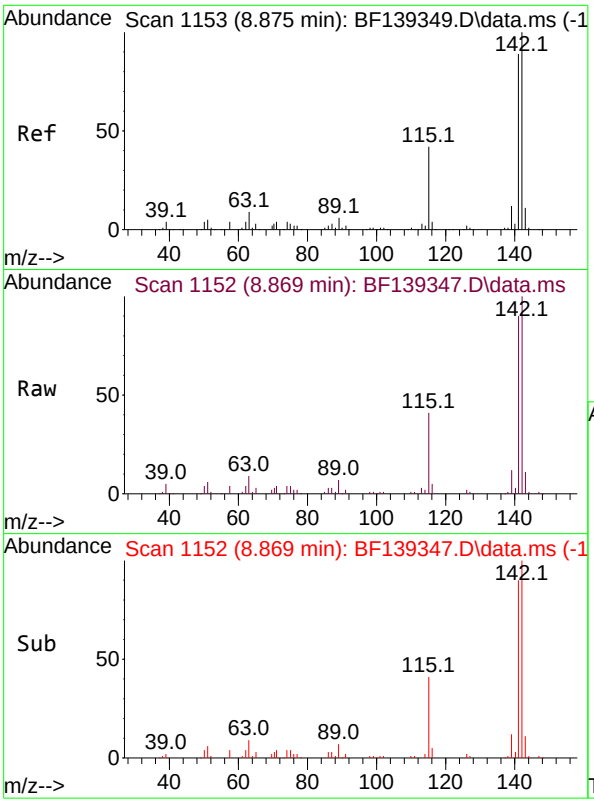


#36
4-Chloro-3-methylphenol
Concen: 10.627 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:107 Resp: 31957

Ion	Ratio	Lower	Upper
107	100		
144	22.9	17.5	26.3
142	70.5	55.8	83.8



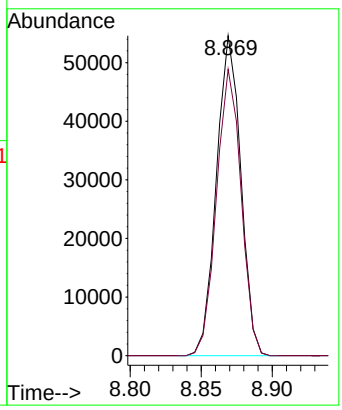


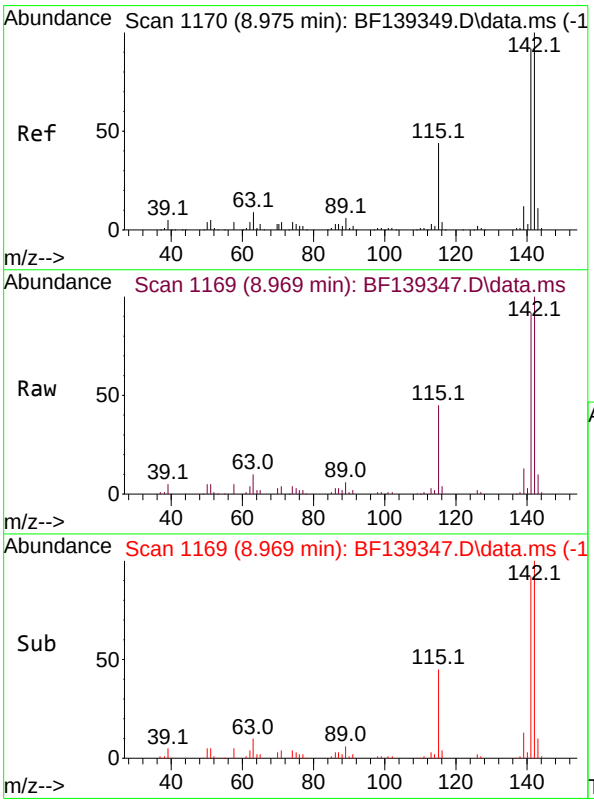
#37
2-Methylnaphthalene
Concen: 10.179 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 65040

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

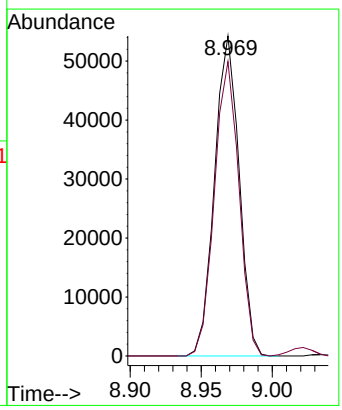


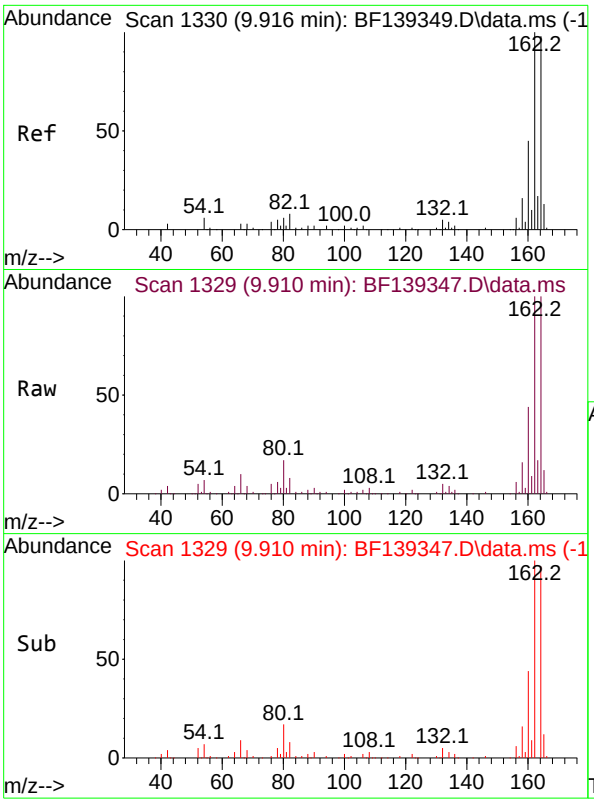


#38
1-Methylnaphthalene
Concen: 10.387 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:142 Resp: 65274

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8



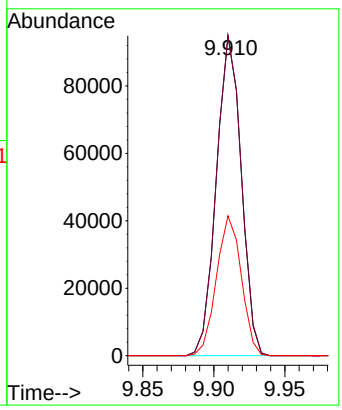


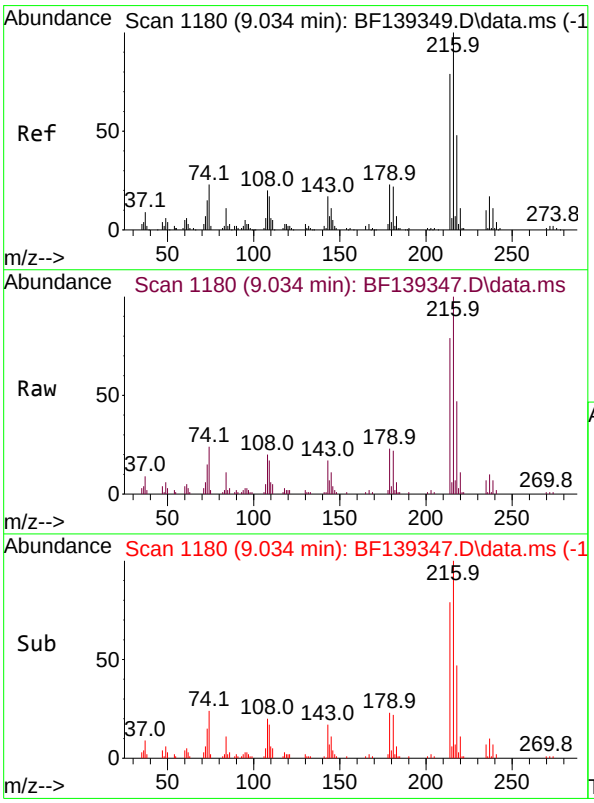
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 115245

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	43.7	36.4	54.6

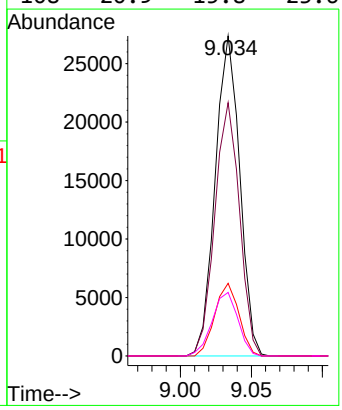


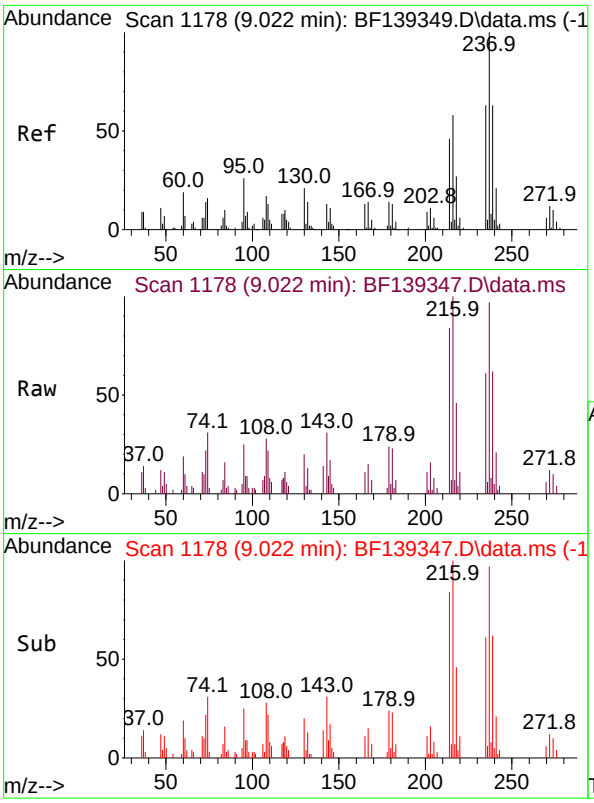


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.066 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:216 Resp: 32822

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.4	18.2	27.2
108	20.9	15.8	23.6



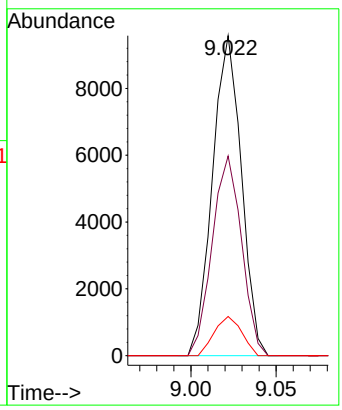


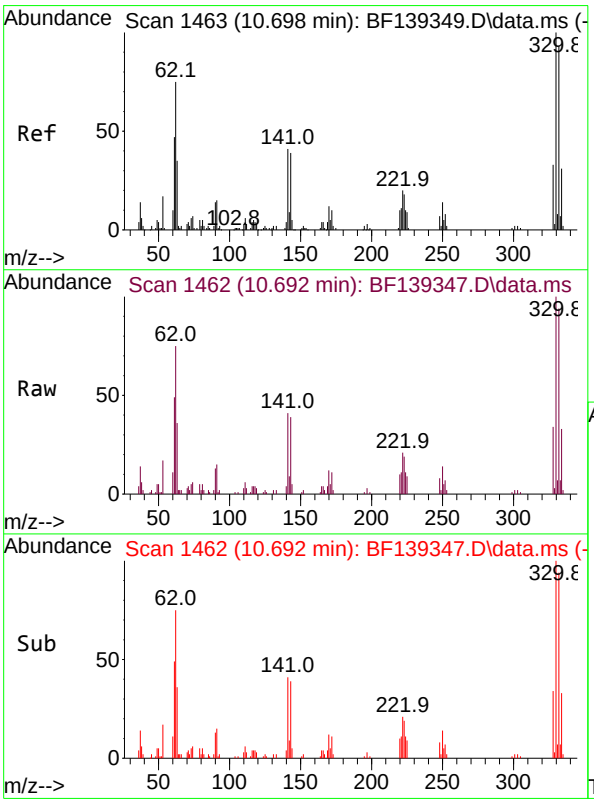
#41
Hexachlorocyclopentadiene
Concen: 10.768 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 11284

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.7	82.7
272	12.3	0.0	32.5

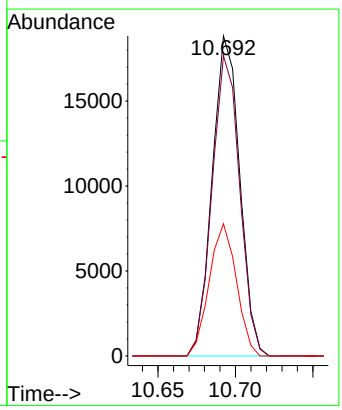


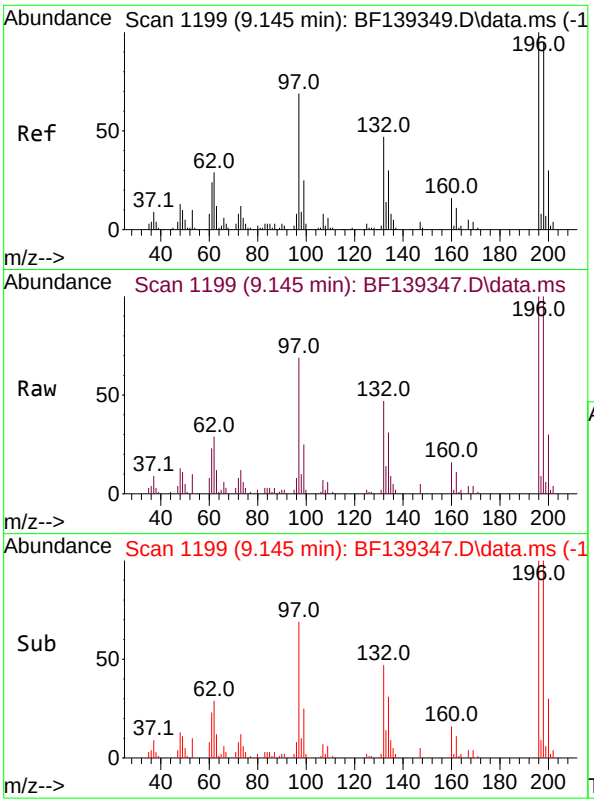


#42
2,4,6-Tribromophenol
Concen: 23.362 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:330 Resp: 23249

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.2	112.8
141	40.7	31.2	46.8



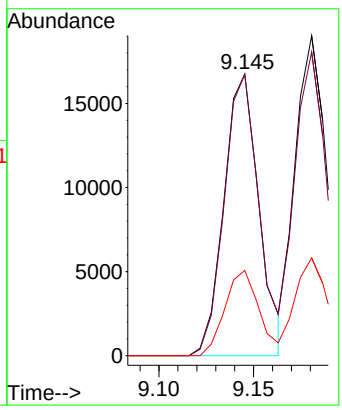


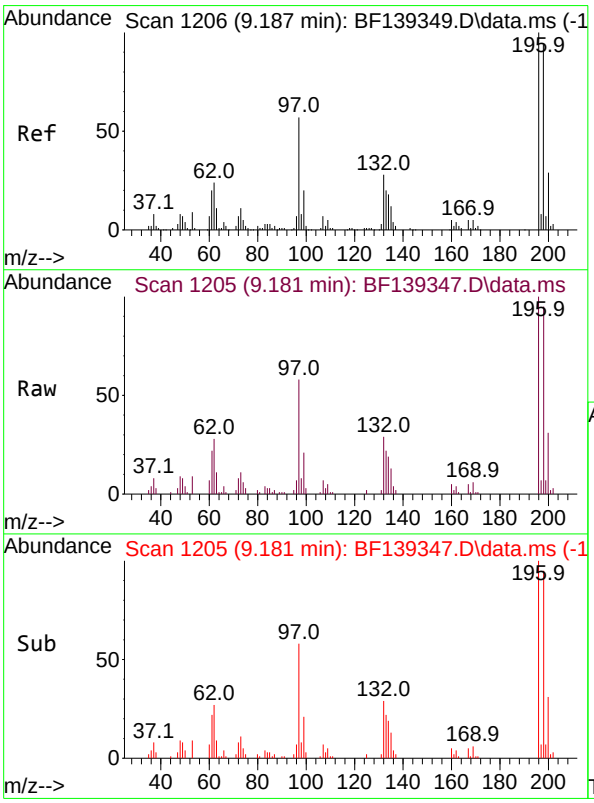
#43
2,4,6-Trichlorophenol
Concen: 10.080 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 21505

Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.8	113.6
200	30.3	24.1	36.1

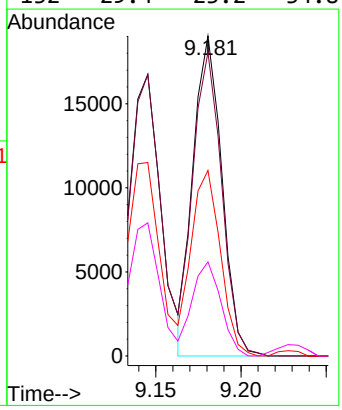


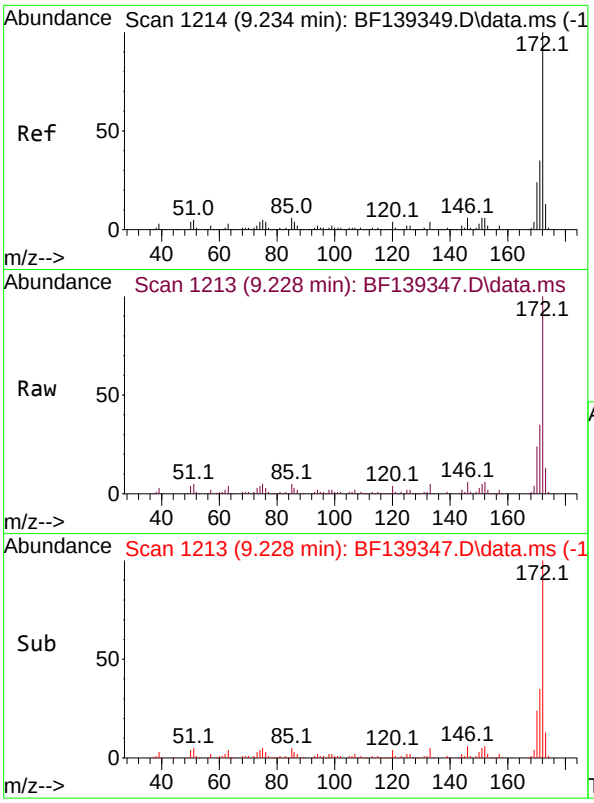


#44
2,4,5-Trichlorophenol
Concen: 10.026 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:196 Resp: 22415

Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.8	112.2
97	57.9	47.3	70.9
132	29.4	23.2	34.8



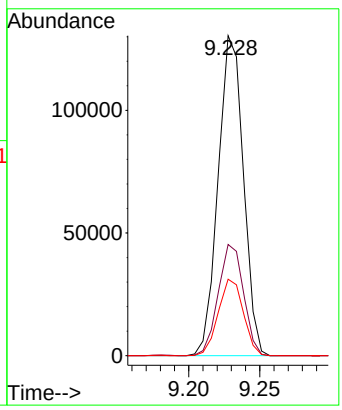


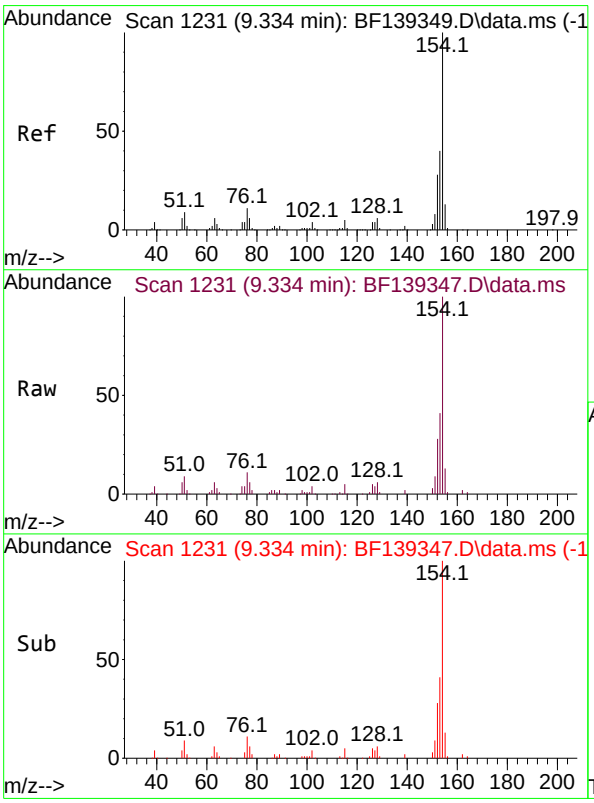
#45
2-Fluorobiphenyl
Concen: 21.603 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 161282

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.9	19.0	28.6

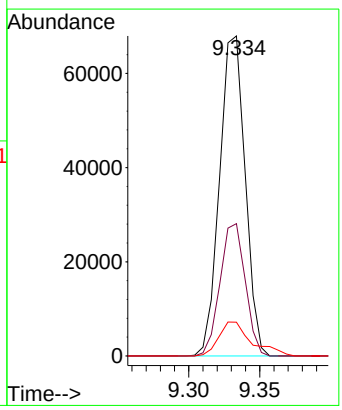


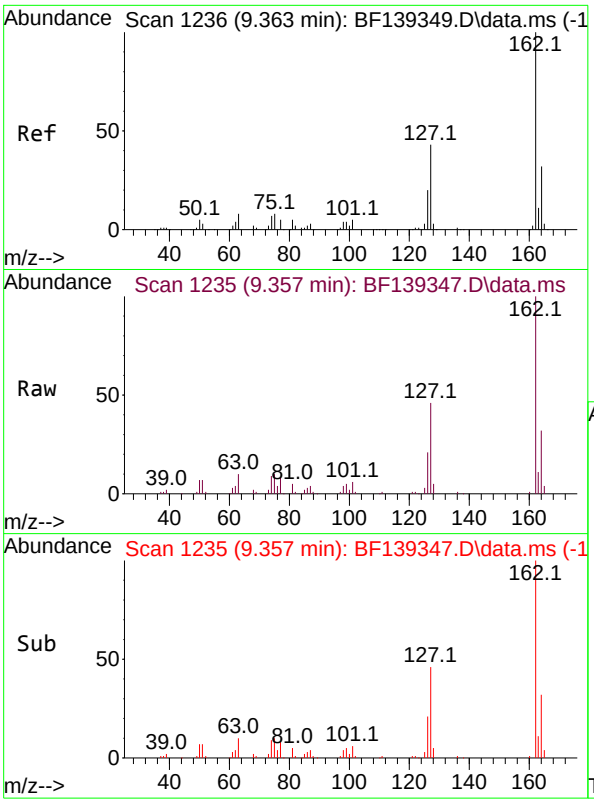


#46
1,1'-Biphenyl
Concen: 9.976 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:154 Resp: 85183

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.1	60.1
76	10.5	0.0	31.1



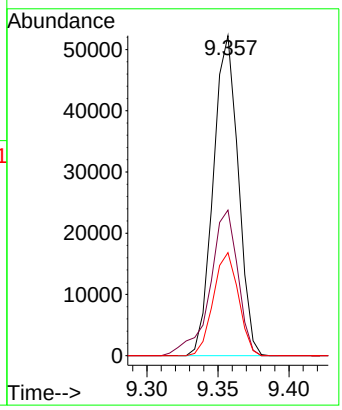


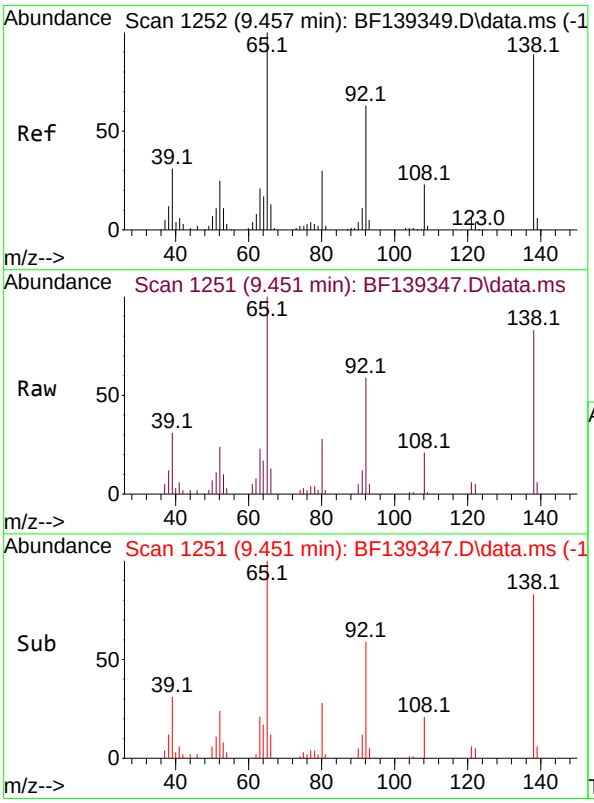
#47
2-Chloronaphthalene
Concen: 9.918 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 63947

Ion	Ratio	Lower	Upper
162	100		
127	45.5	35.0	52.4
164	32.2	25.8	38.6

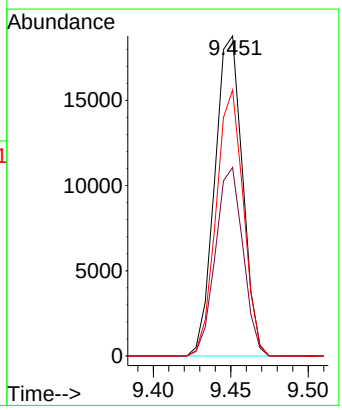


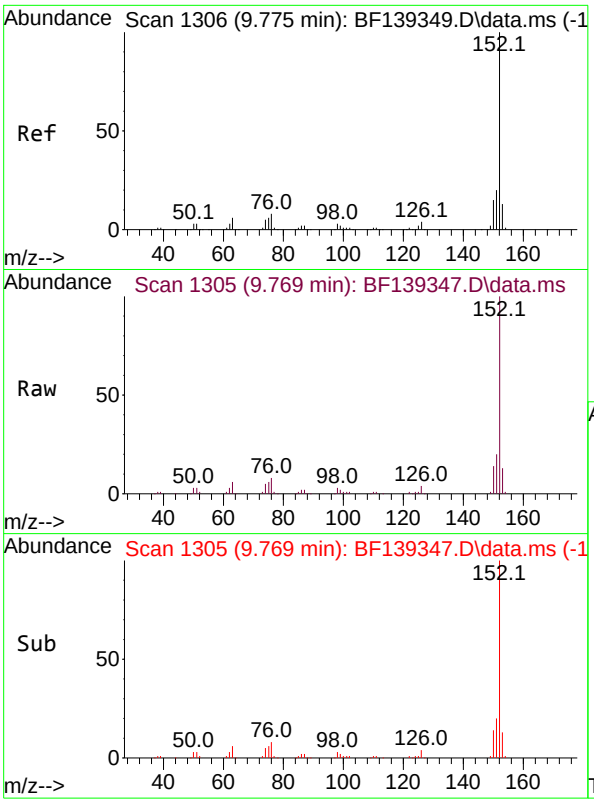


#48
2-Nitroaniline
Concen: 10.556 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 65 Resp: 23443

Ion	Ratio	Lower	Upper
65	100		
92	58.9	50.3	75.5
138	83.1	71.3	106.9



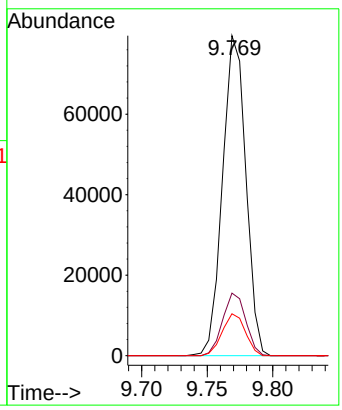


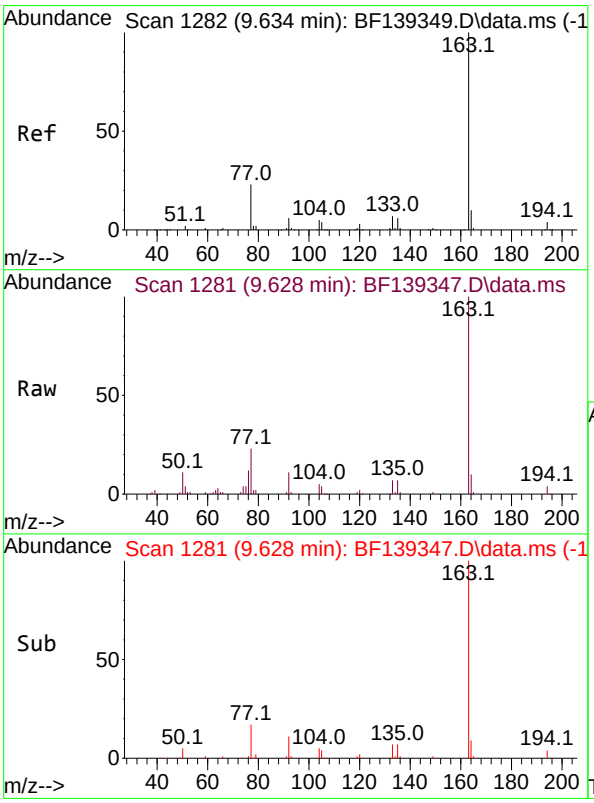
#49
Acenaphthylene
Concen: 10.120 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 98269

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.1	10.3	15.5

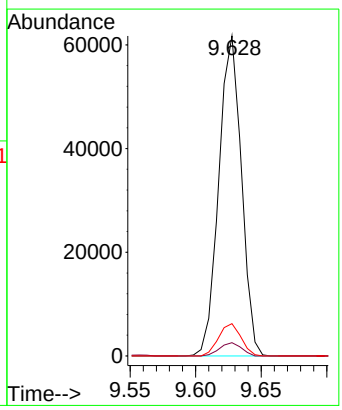


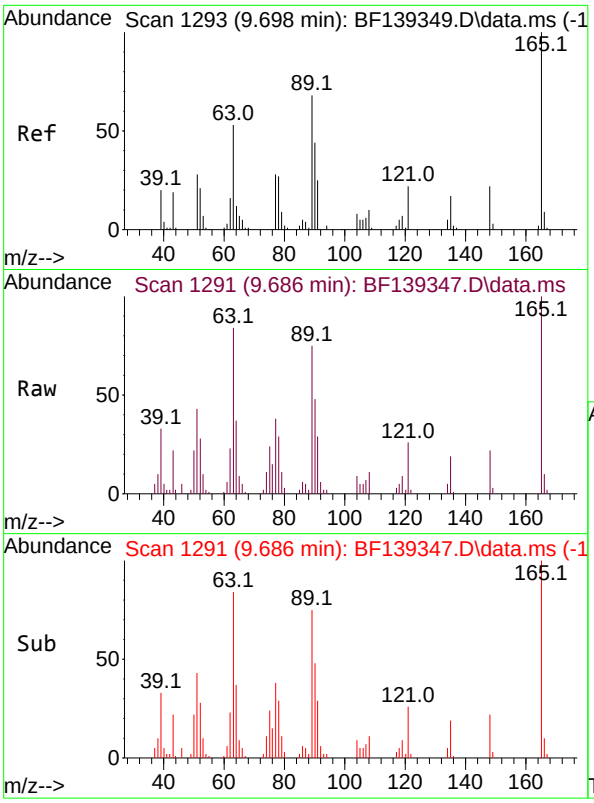


#50
Dimethylphthalate
Concen: 10.590 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:163 Resp: 73968

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	8.2	12.2



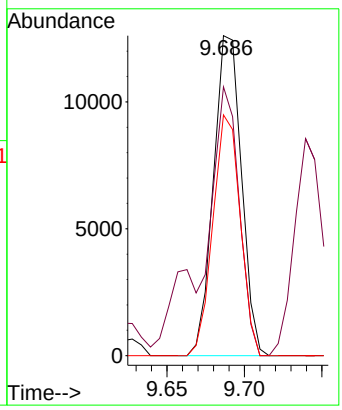


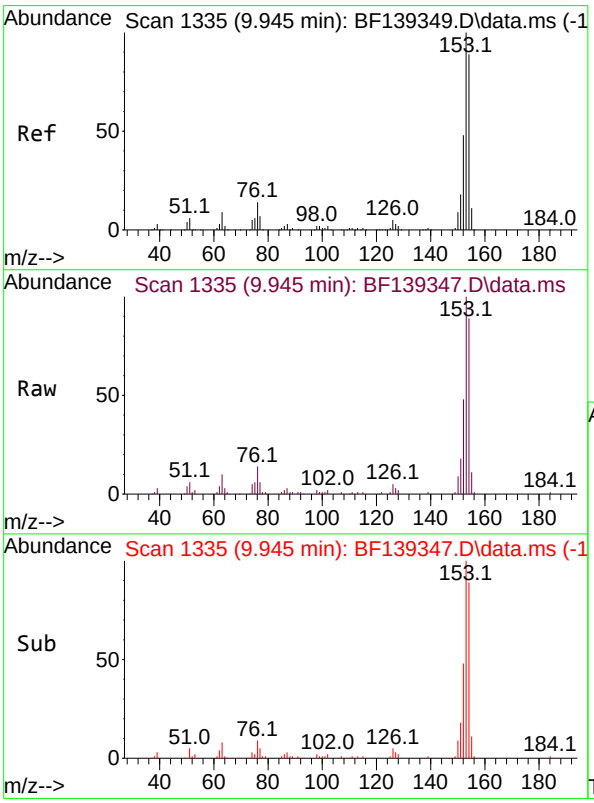
#51
2,6-Dinitrotoluene
Concen: 9.999 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 15845

Ion	Ratio	Lower	Upper
165	100		
63	84.0	60.9	91.3
89	75.3	54.7	82.1

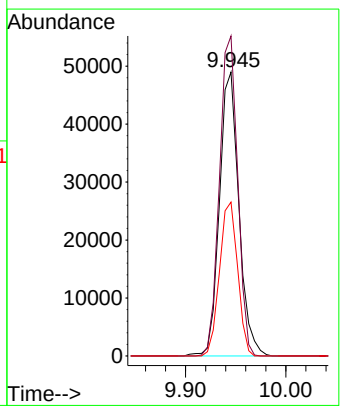


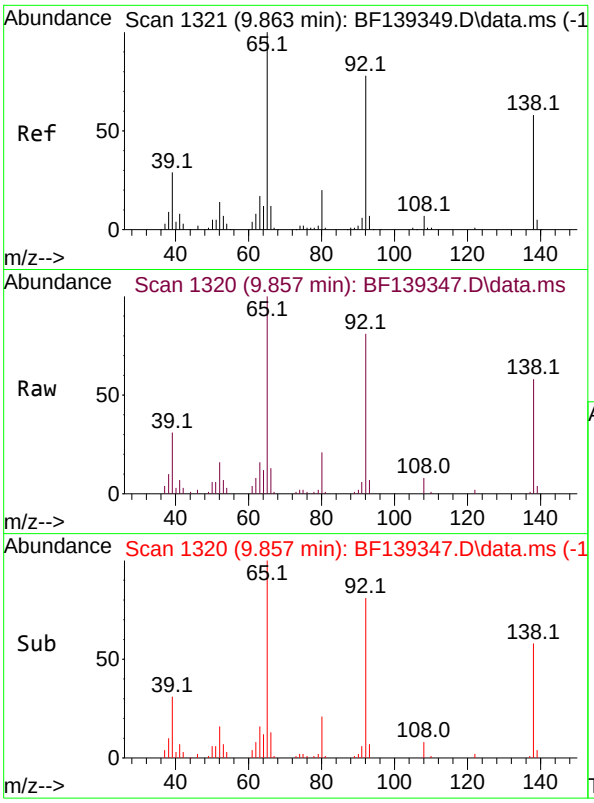


#52
Acenaphthene
Concen: 10.206 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:154 Resp: 65732

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	54.2	42.6	64.0



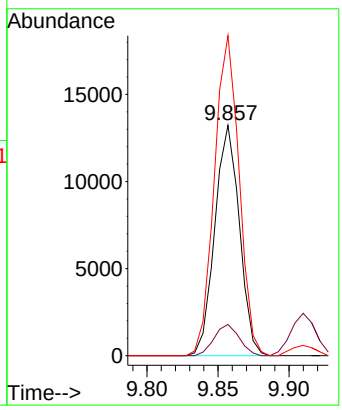


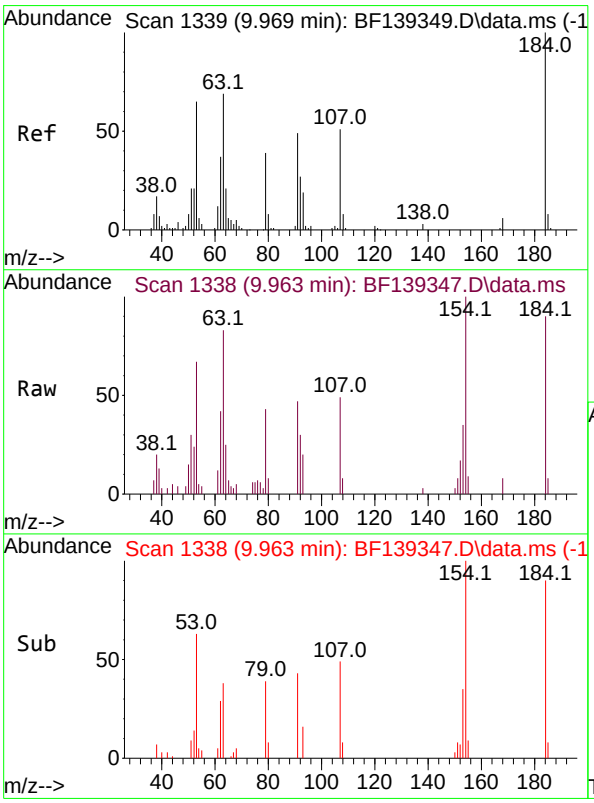
#53
3-Nitroaniline
Concen: 9.428 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 15917

Ion	Ratio	Lower	Upper
138	100		
108	13.6	9.8	14.8
92	139.0	107.4	161.2

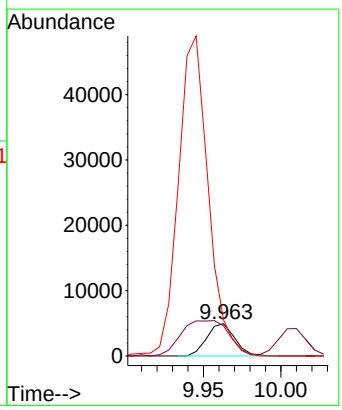


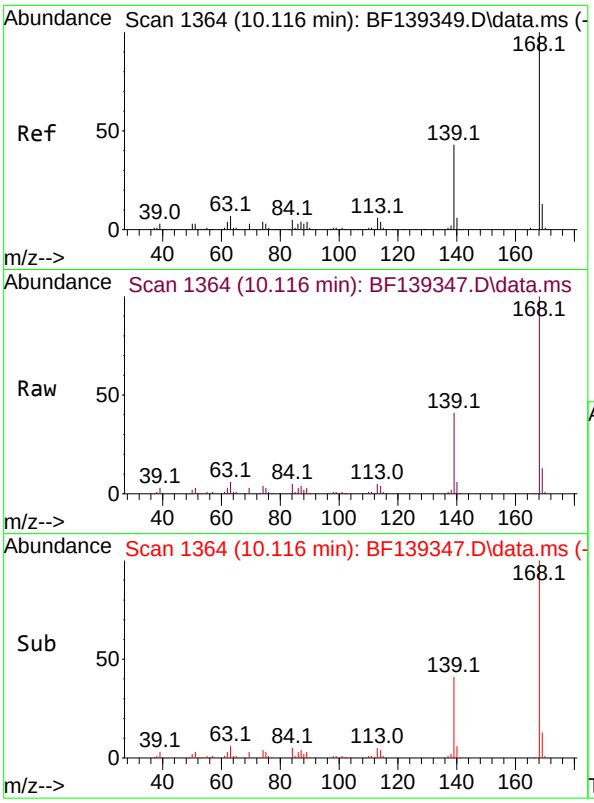


#54
2,4-Dinitrophenol
Concen: 9.124 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:184 Resp: 6191

Ion	Ratio	Lower	Upper
184	100		
63	92.8	69.3	103.9
154	111.7	67.5	101.3#



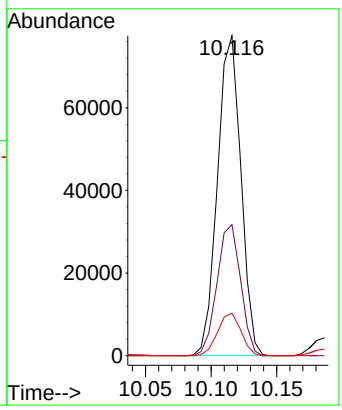


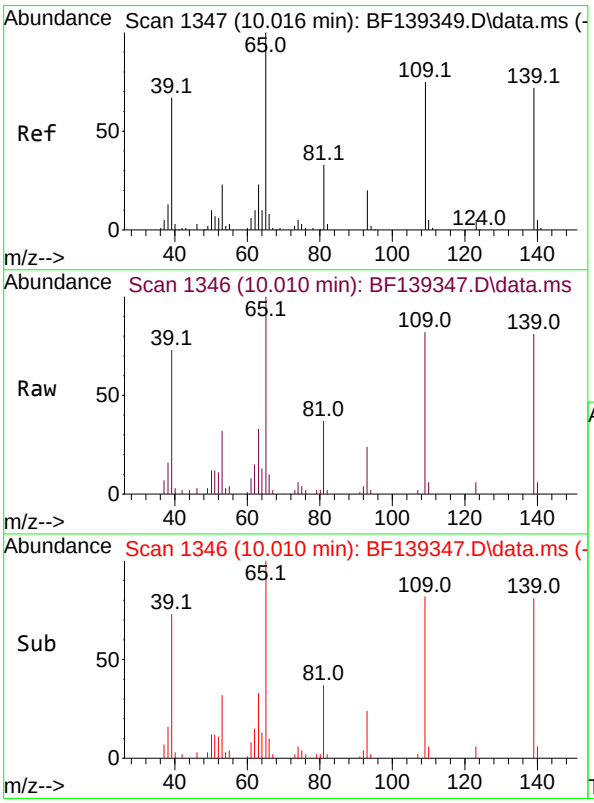
#55
Dibenzofuran
Concen: 10.412 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 96142

Ion	Ratio	Lower	Upper
168	100		
139	40.9	34.1	51.1
169	13.3	10.5	15.7

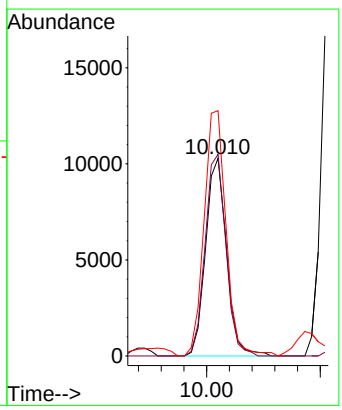


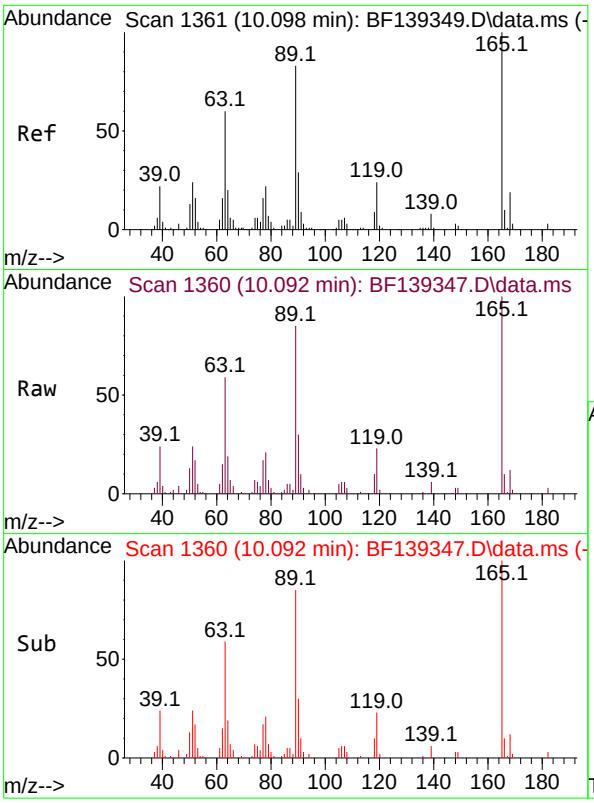


#56
4-Nitrophenol
Concen: 10.561 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:139 Resp: 13161

Ion	Ratio	Lower	Upper
139	100		
109	102.0	84.1	124.1
65	124.2	120.0	160.0



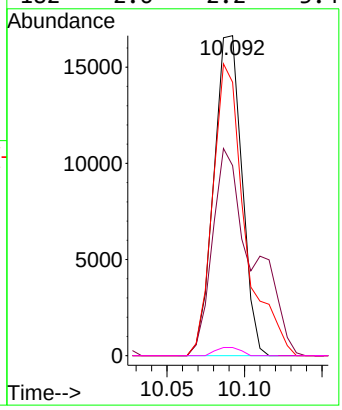


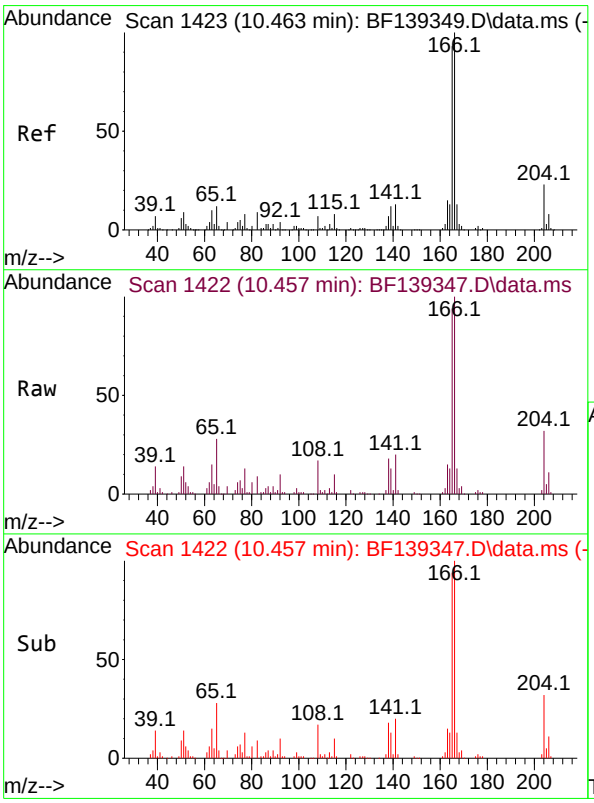
#57
2,4-Dinitrotoluene
Concen: 10.427 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 21031

Ion	Ratio	Lower	Upper
165	100		
63	59.4	47.8	71.6
89	85.4	66.7	100.1
182	2.6	2.2	3.4

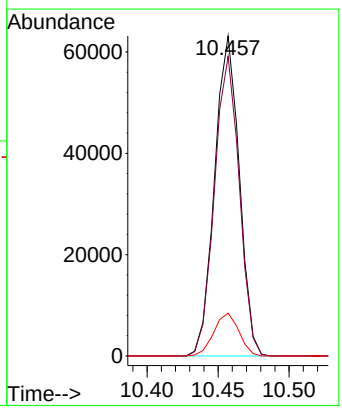


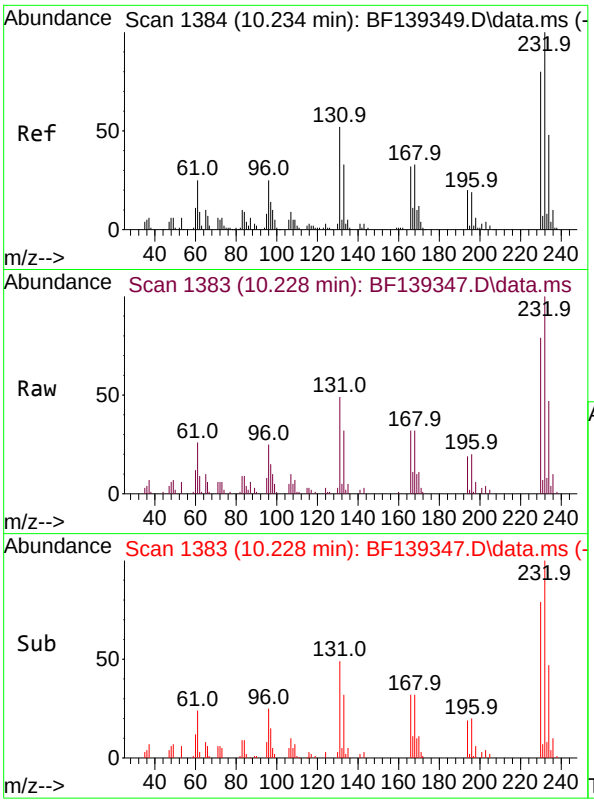


#58
Fluorene
Concen: 10.647 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:166 Resp: 76225

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.5	111.7
167	13.4	10.6	16.0



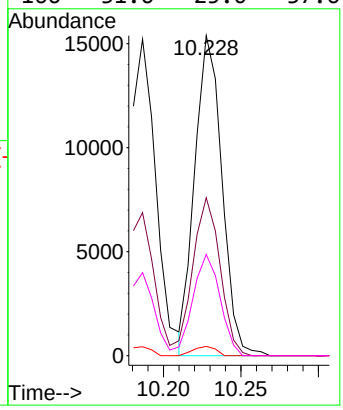


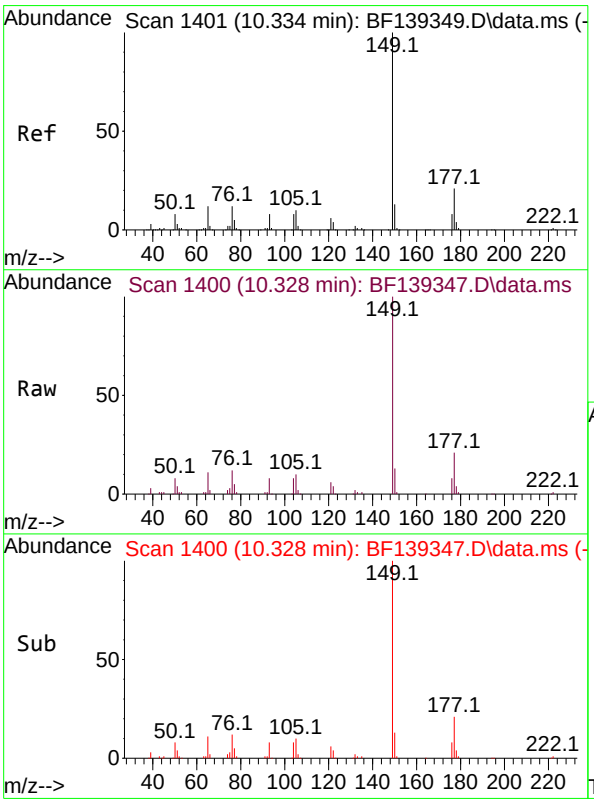
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.693 ng
RT: 10.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 18817

Ion	Ratio	Lower	Upper
232	100		
131	49.7	40.7	61.1
130	2.4	2.2	3.2
166	31.6	25.0	37.6

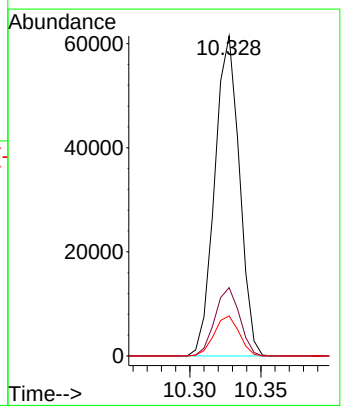


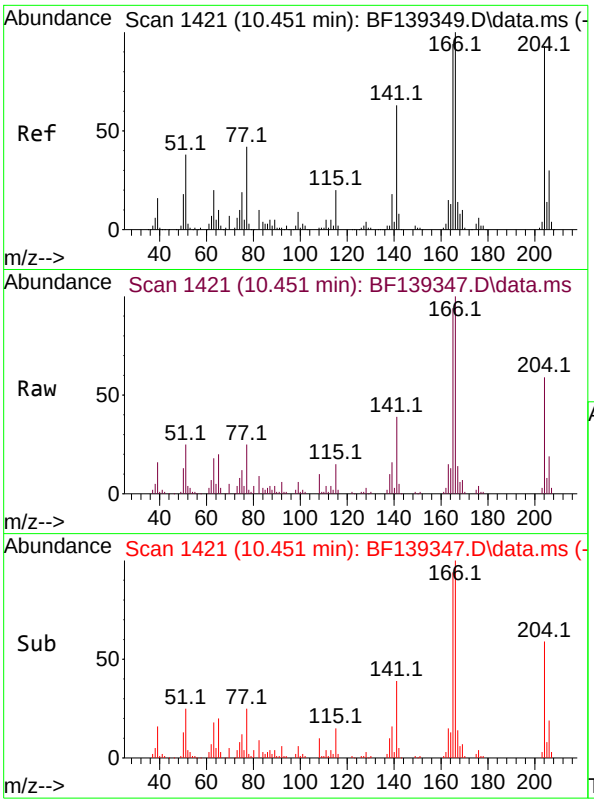


#60
Diethylphthalate
Concen: 10.826 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:149 Resp: 74418

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	24.8
150	12.5	10.6	15.8



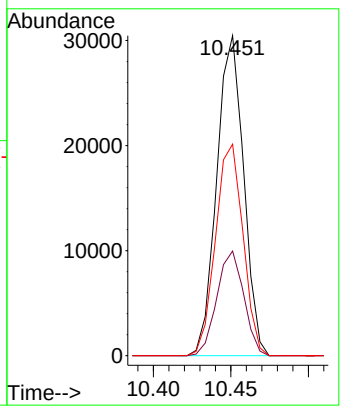


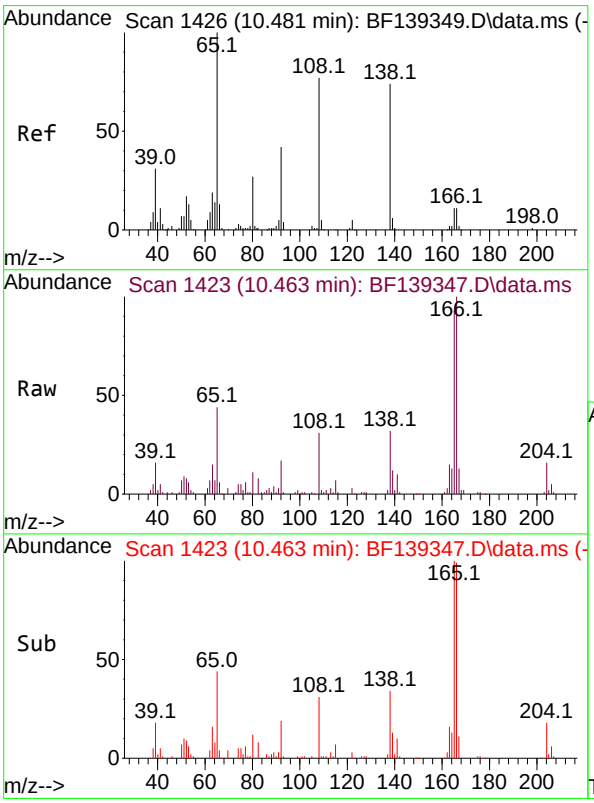
#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 36753

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	66.1	53.9	80.9

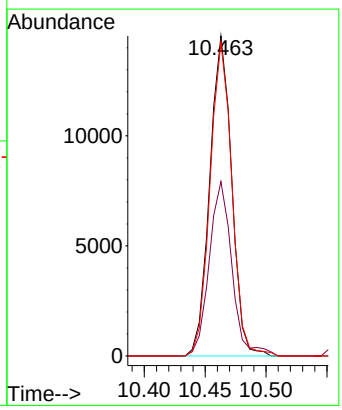


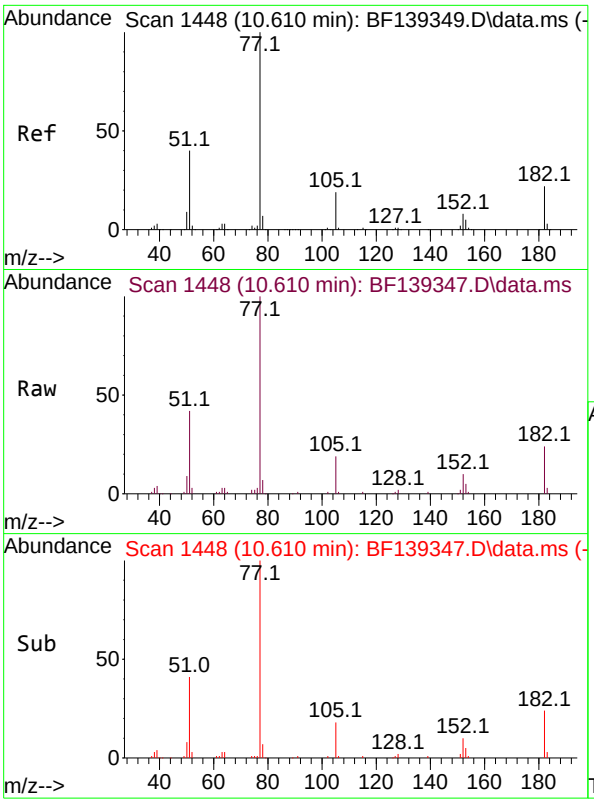


#62
4-Nitroaniline
Concen: 11.310 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:138 Resp: 18177

Ion	Ratio	Lower	Upper
138	100		
92	54.5	37.0	77.0
108	98.0	84.4	124.4



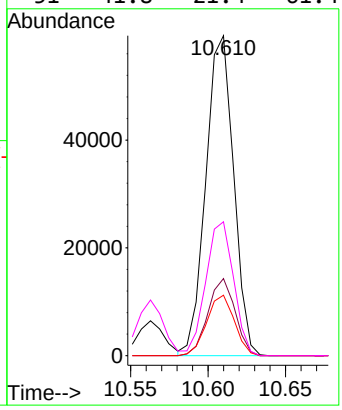


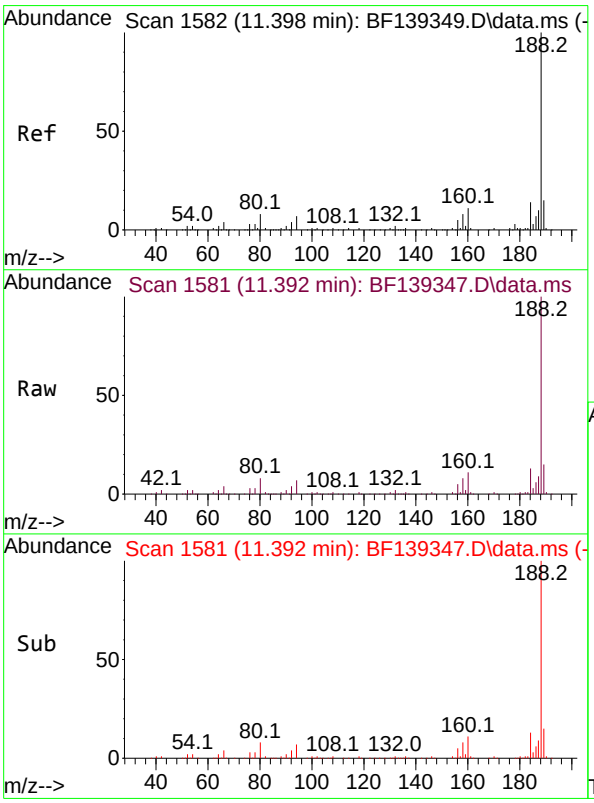
#63
Azobenzene
Concen: 10.229 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 74109

Ion	Ratio	Lower	Upper
77	100		
182	24.1	1.8	41.8
105	18.9	0.0	38.6
51	41.8	21.4	61.4

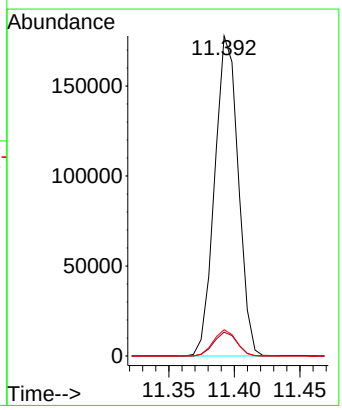


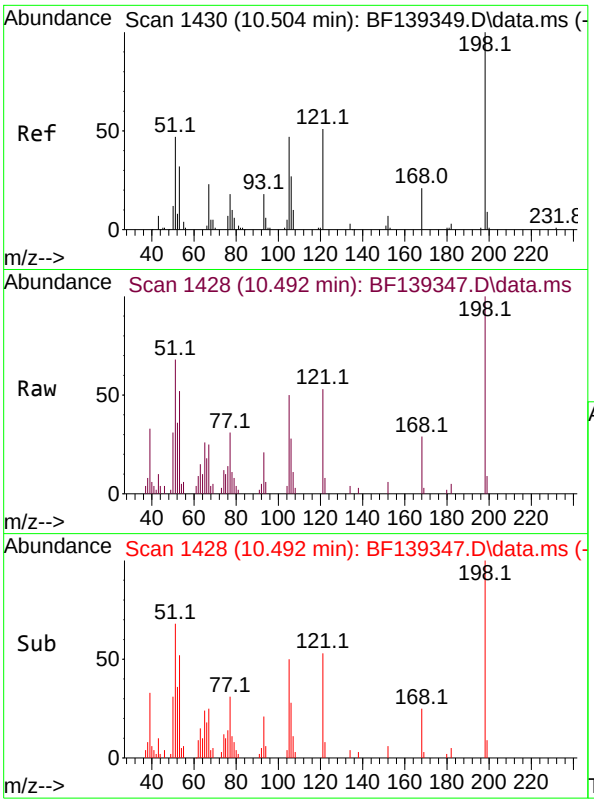


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:188 Resp: 222099

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	8.2	6.6	9.8



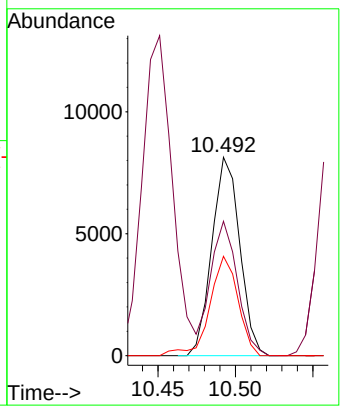


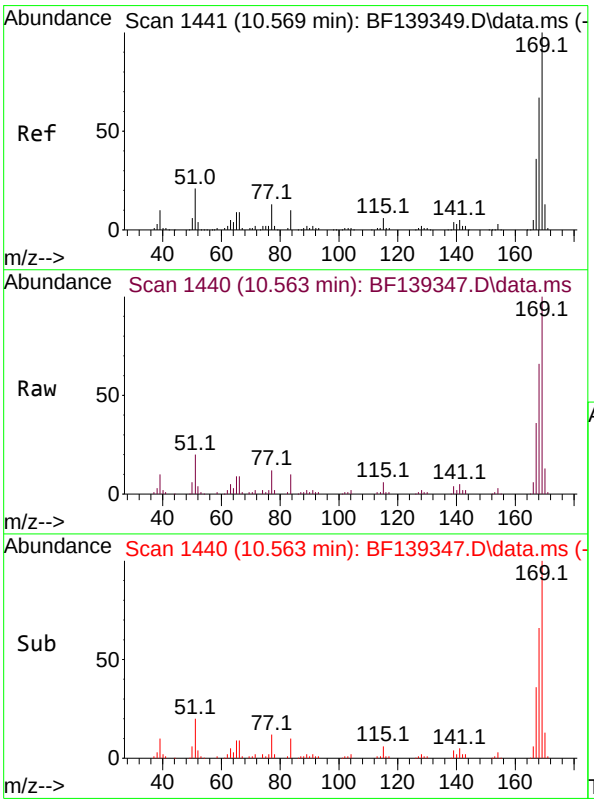
#65
4,6-Dinitro-2-methylphenol
Concen: 9.902 ng
RT: 10.492 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 10162

Ion	Ratio	Lower	Upper
198	100		
51	67.8	50.4	90.4
105	50.1	28.3	68.3

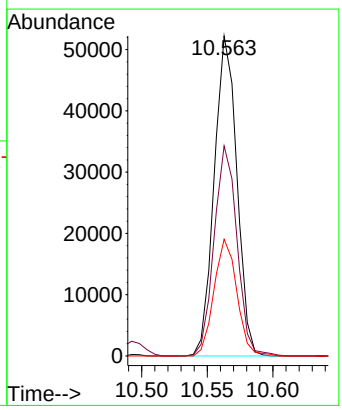


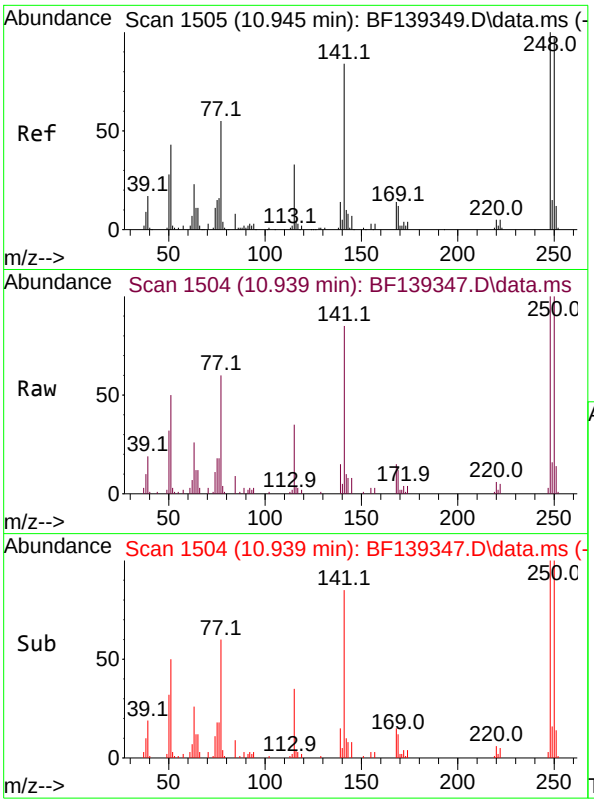


#66
n-Nitrosodiphenylamine
Concen: 9.687 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:169 Resp: 62625

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.6	80.4
167	36.5	28.7	43.1



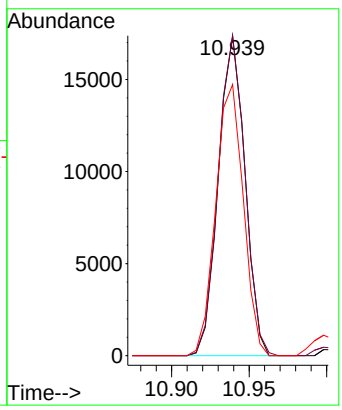


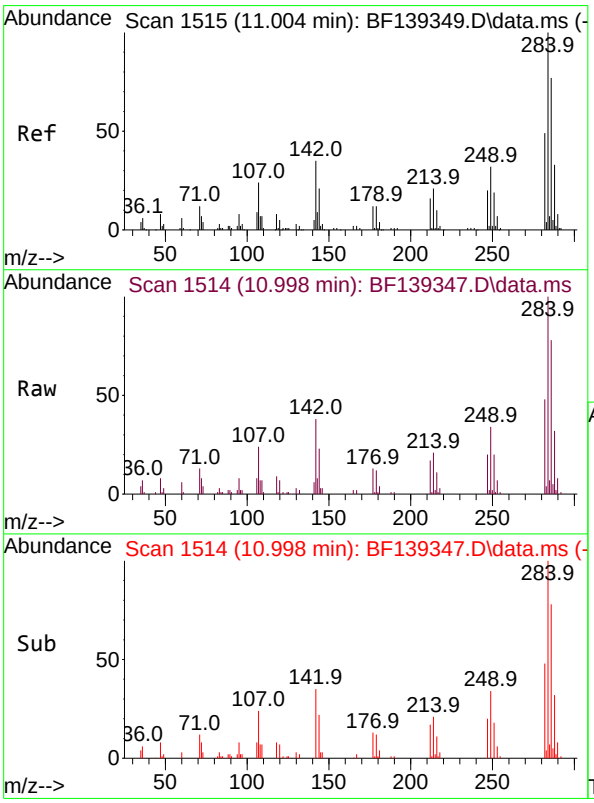
#67
4-Bromophenyl-phenylether
Concen: 9.594 ng
RT: 10.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 20673

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.6	116.4
141	84.8	66.9	100.3

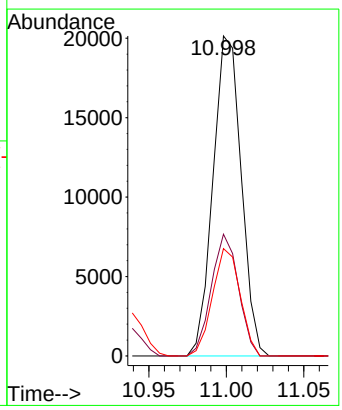


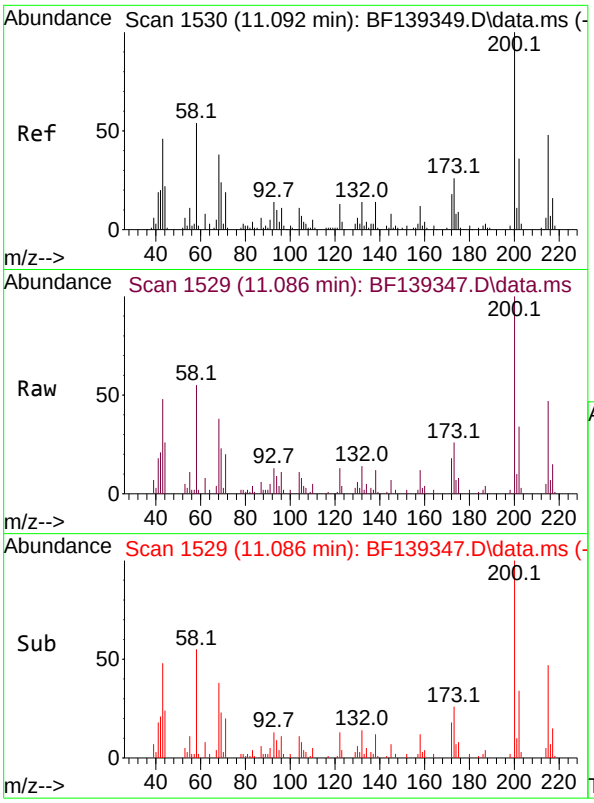


#68
Hexachlorobenzene
Concen: 10.320 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:284 Resp: 25459

Ion	Ratio	Lower	Upper
284	100		
142	38.0	28.0	42.0
249	33.5	25.3	37.9



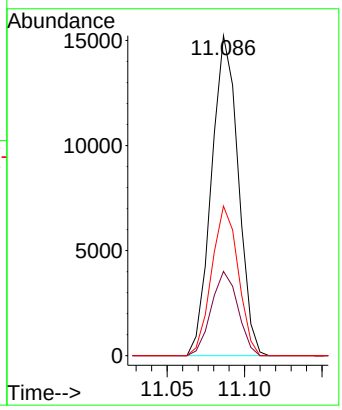


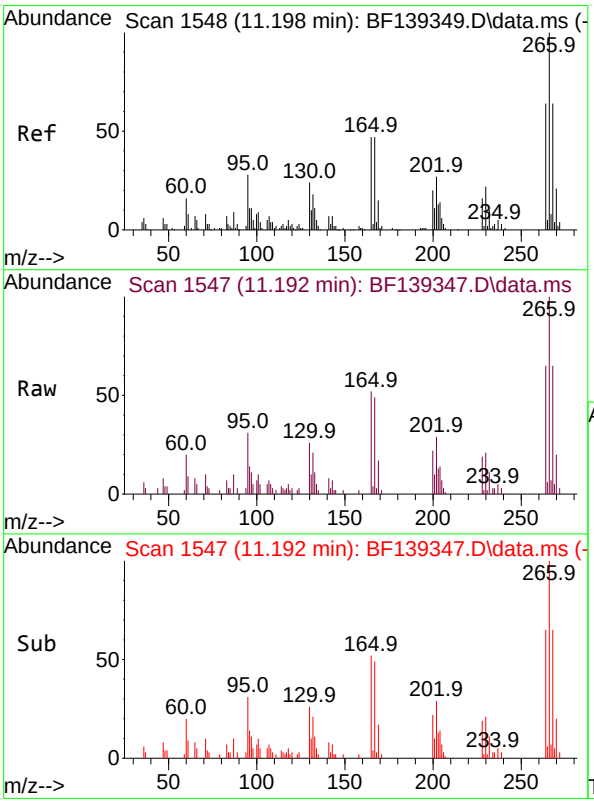
#69
Atrazine
Concen: 12.250 ng
RT: 11.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 18272

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	46.8	28.2	68.2

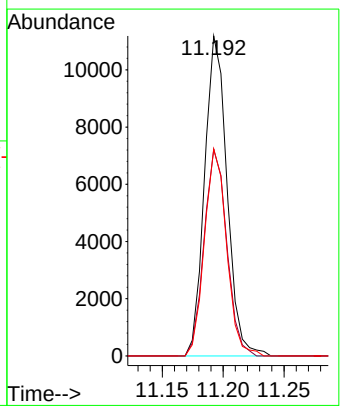


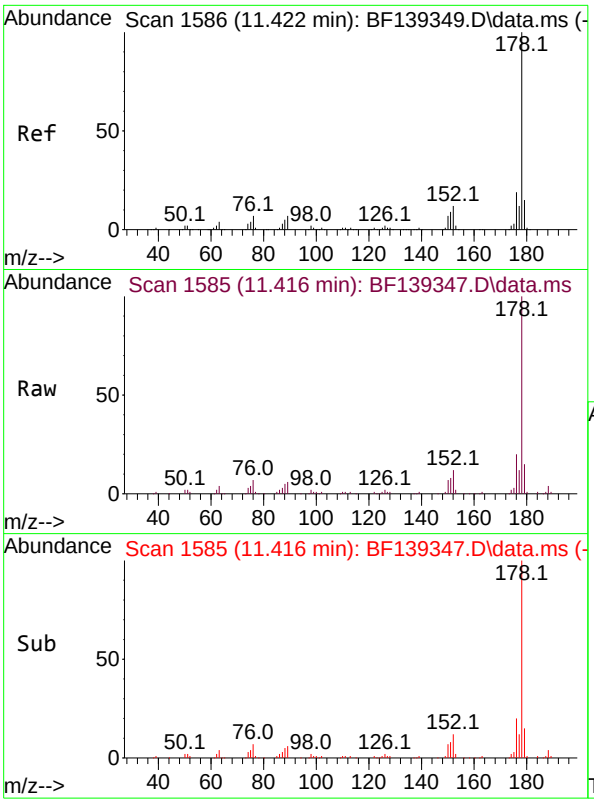


#70
Pentachlorophenol
Concen: 10.092 ng
RT: 11.192 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:266 Resp: 14381

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.7	51.4	77.0



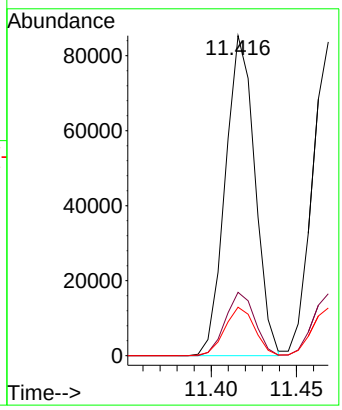


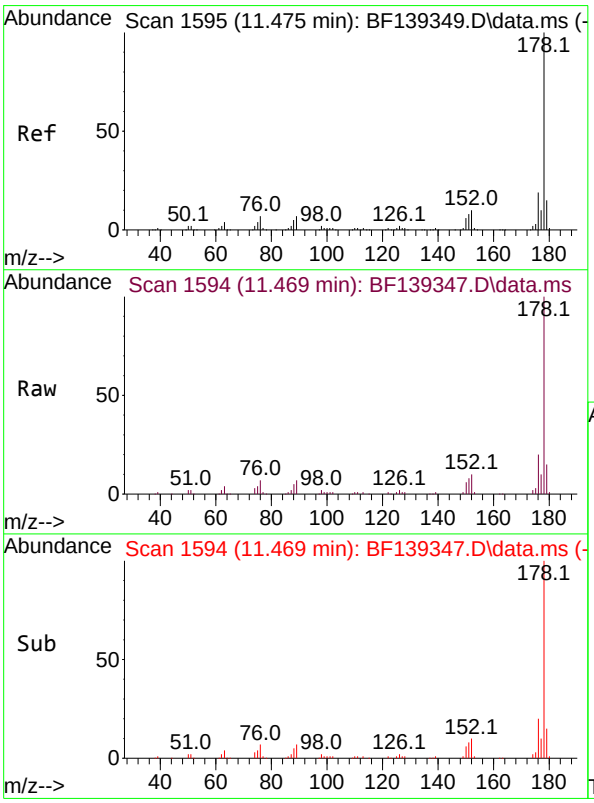
#71
Phenanthrene
Concen: 9.930 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 103026

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.2	12.2	18.4

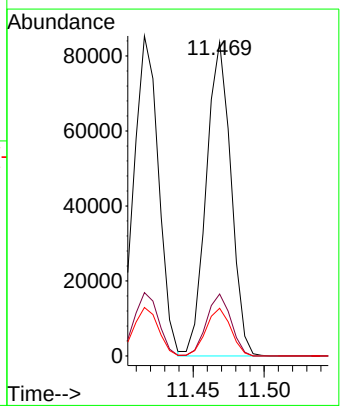


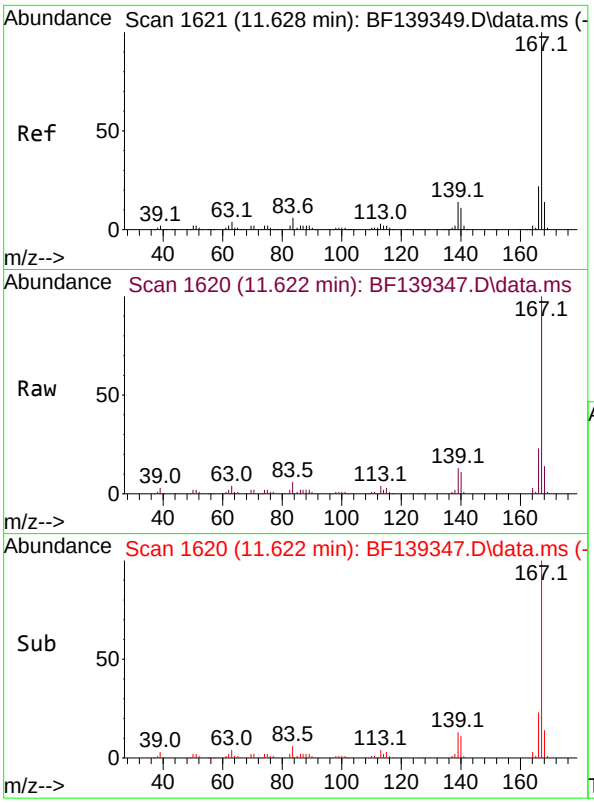


#72
Anthracene
Concen: 9.960 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:178 Resp: 100952

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.6
179	15.2	12.0	18.0



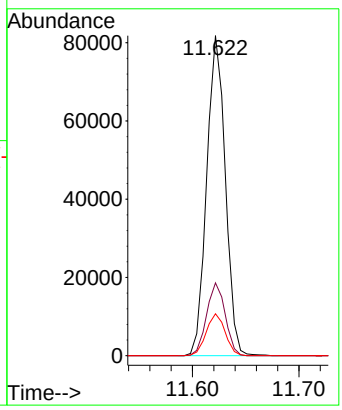


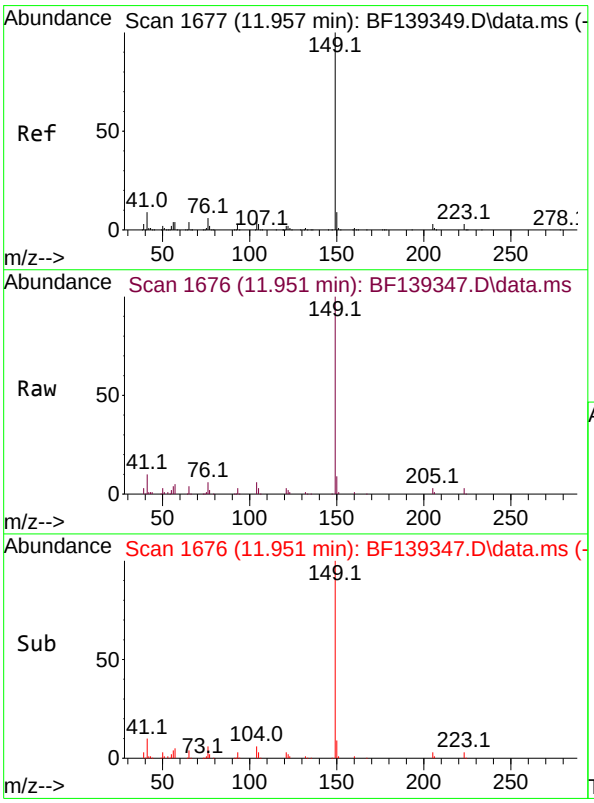
#73
Carbazole
Concen: 10.520 ng
RT: 11.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 99653

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.5	26.3
139	13.1	10.9	16.3

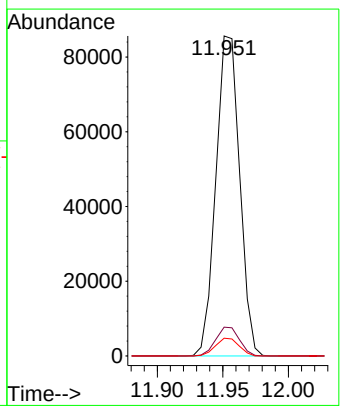


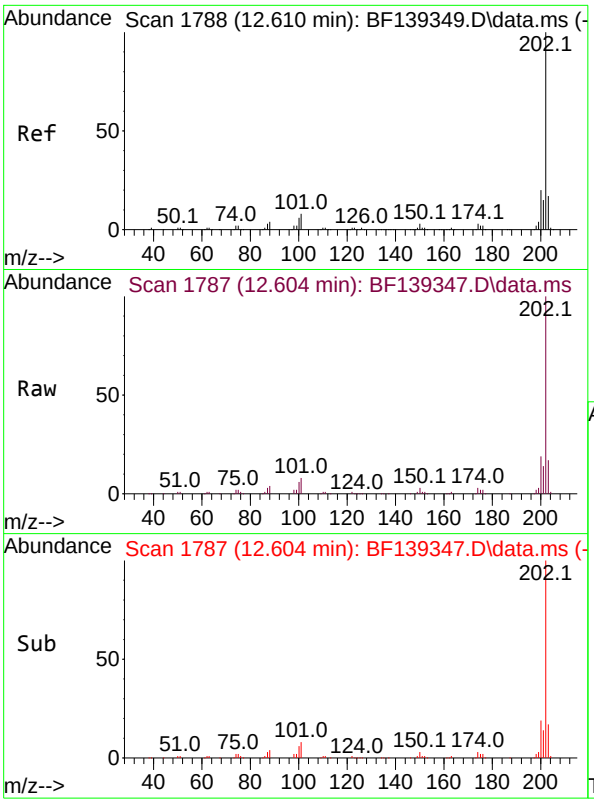


#74
Di-n-butylphthalate
Concen: 11.126 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:149 Resp: 107918

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.6	4.3	6.5



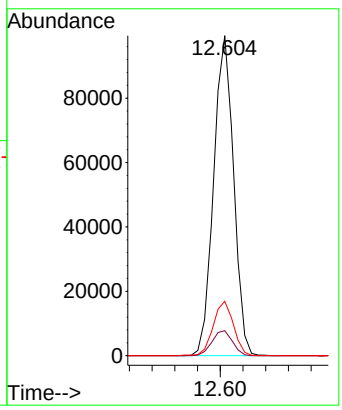


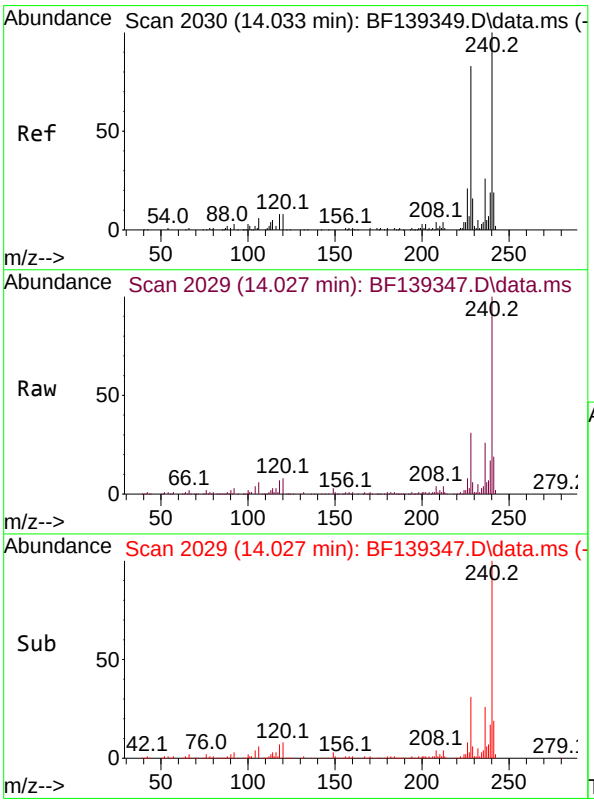
#75
Fluoranthene
Concen: 11.660 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 121289

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	17.0	0.0	37.4

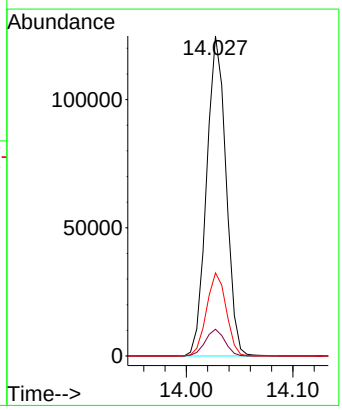


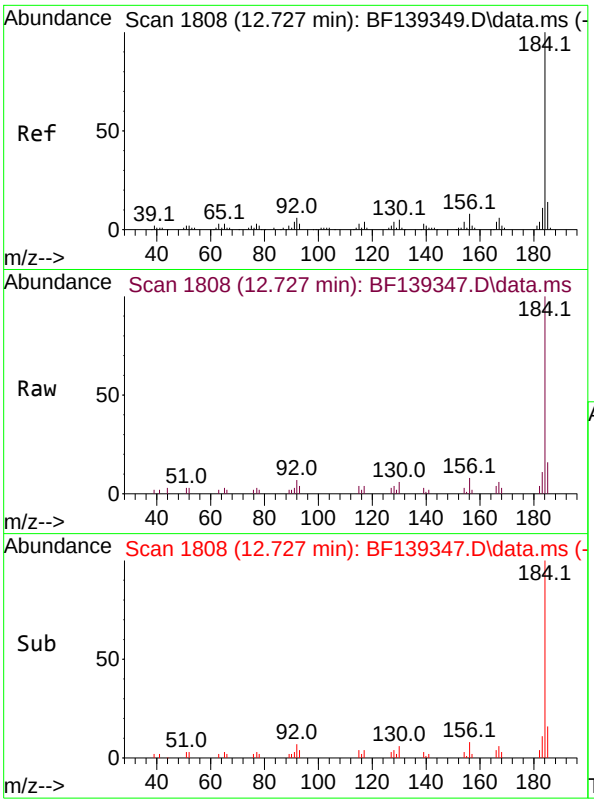


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:240 Resp: 158199

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.2	9.2
236	25.9	20.9	31.3



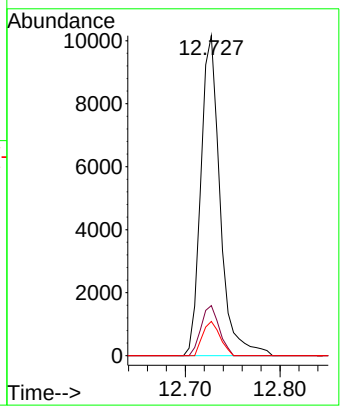


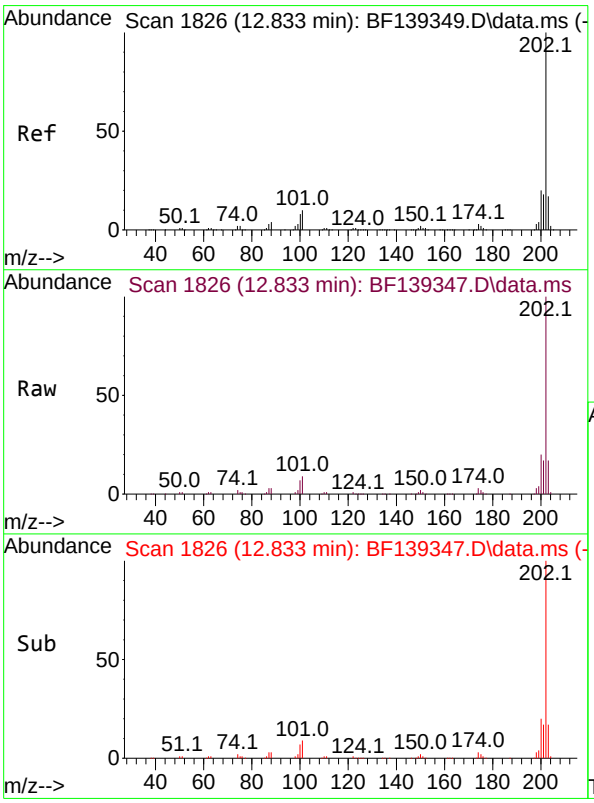
#77
Benzidine
Concen: 4.503 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 14345

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.5	17.3
183	10.7	8.9	13.3

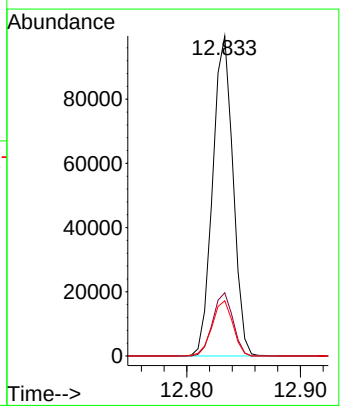


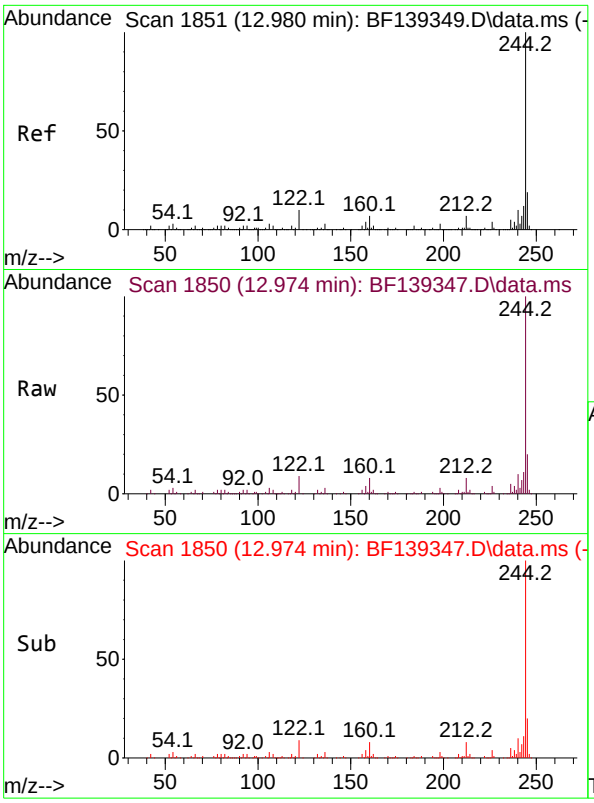


#78
Pyrene
Concen: 8.114 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:202 Resp: 123993

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.2	13.9	20.9



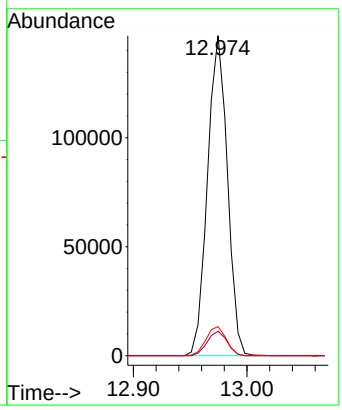


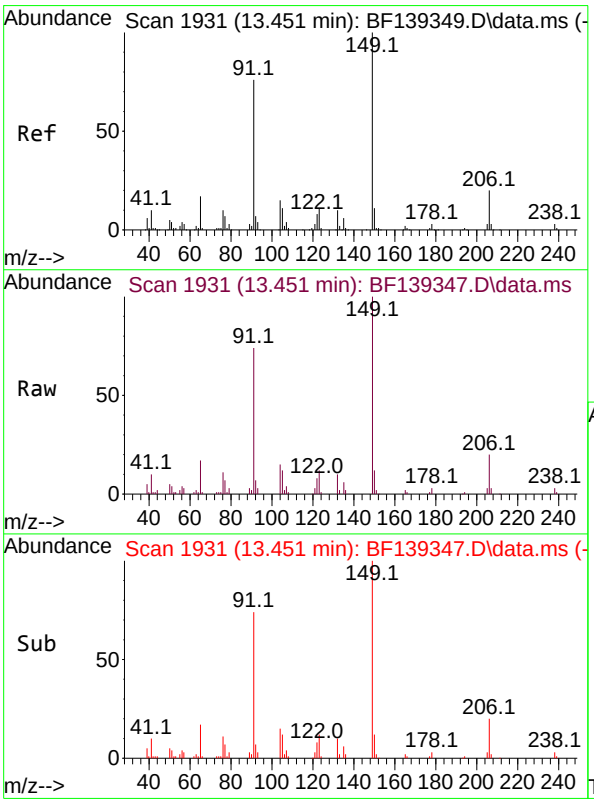
#79
Terphenyl-d14
Concen: 18.206 ng
RT: 12.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 178386

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.1	7.6	11.4

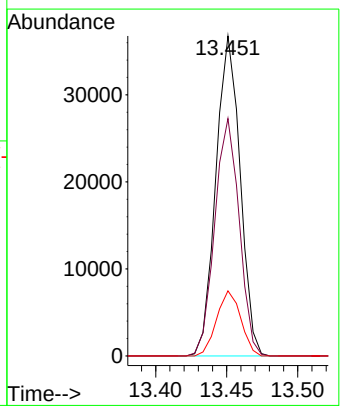


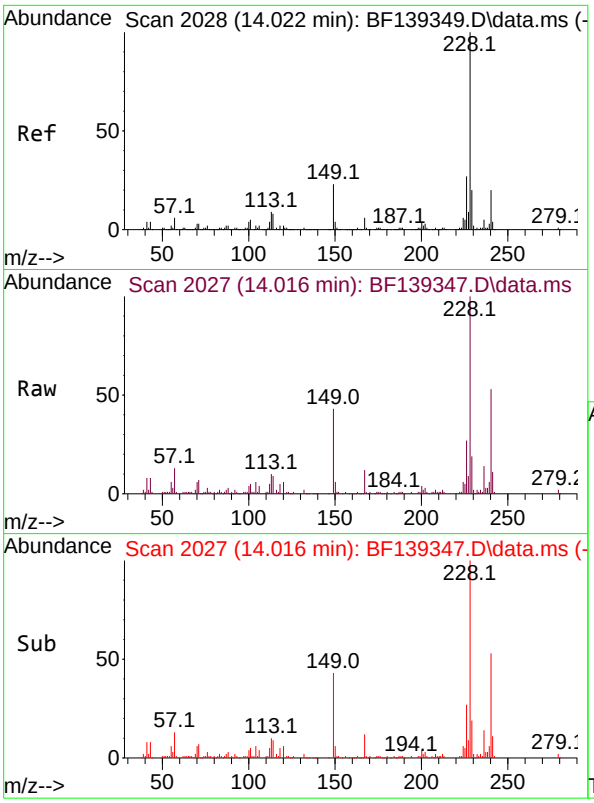


#80
Butylbenzylphthalate
Concen: 12.130 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:149 Resp: 43639

Ion	Ratio	Lower	Upper
149	100		
91	74.2	60.9	91.3
206	20.3	15.8	23.8



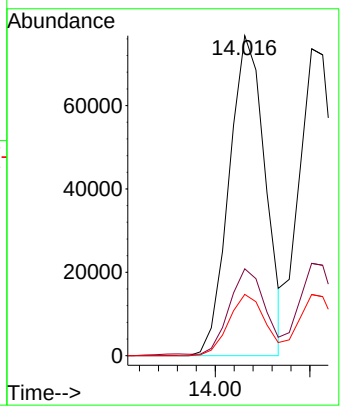


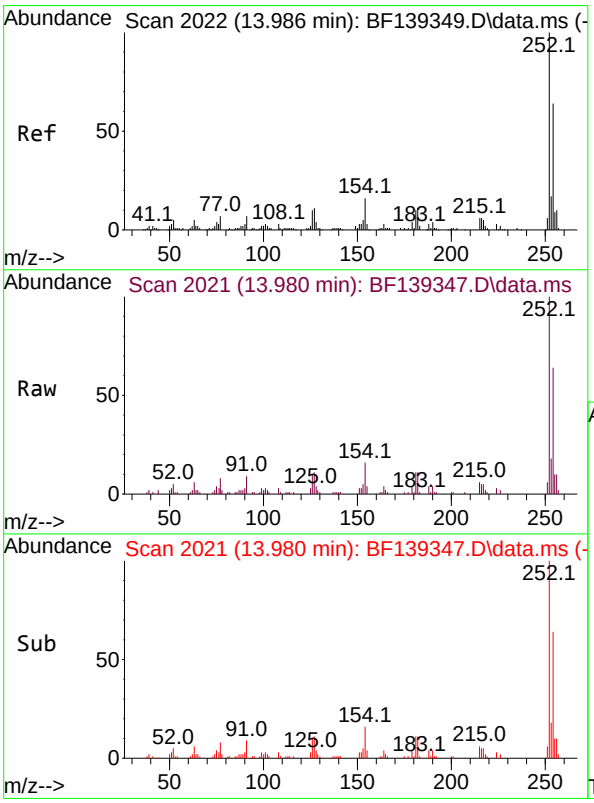
#81
Benzo(a)anthracene
Concen: 10.077 ng
RT: 14.016 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 101798

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.2	15.7	23.5

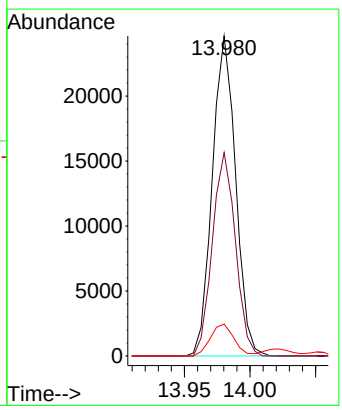


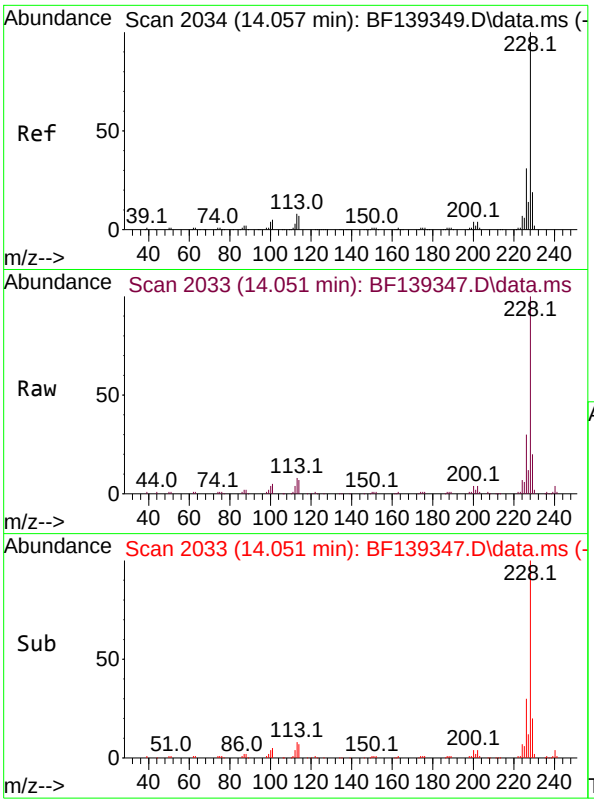


#82
3,3'-Dichlorobenzidine
Concen: 11.325 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:252 Resp: 30382

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.2
126	10.0	7.7	11.5



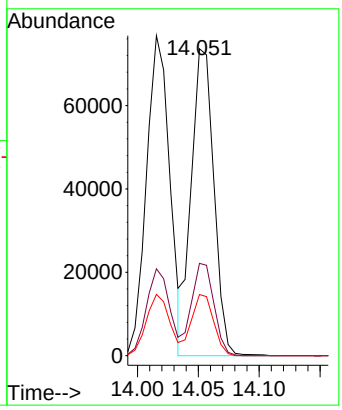


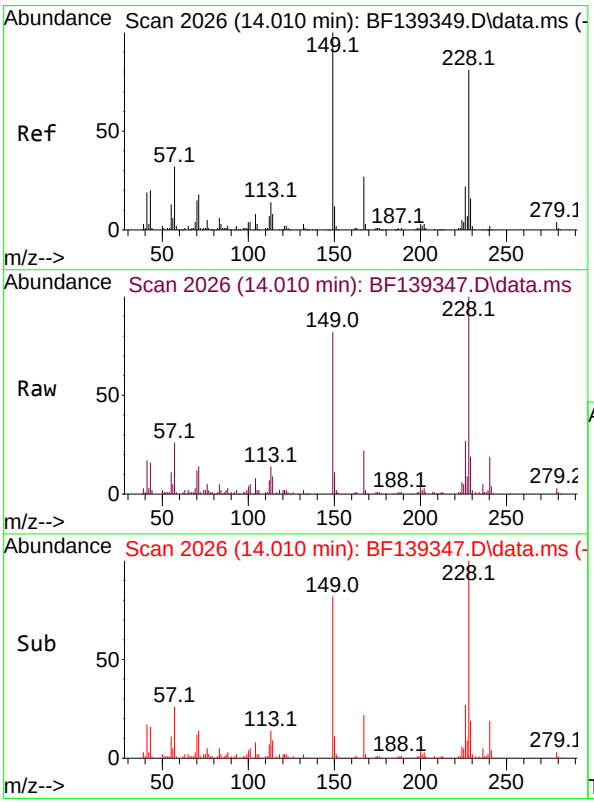
#83
Chrysene
Concen: 10.122 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 95429

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.9	15.4	23.0

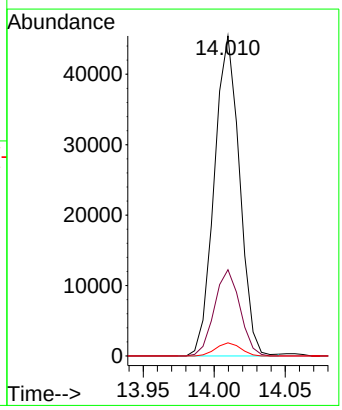


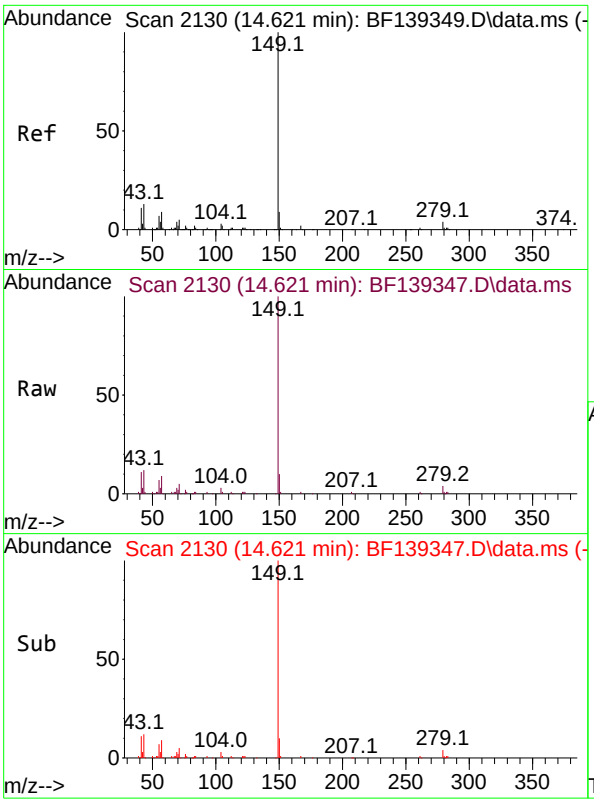


#84
Bis(2-ethylhexyl)phthalate
Concen: 13.311 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:149 Resp: 56206

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	4.1	3.3	4.9



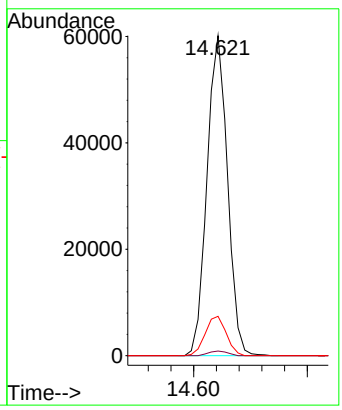


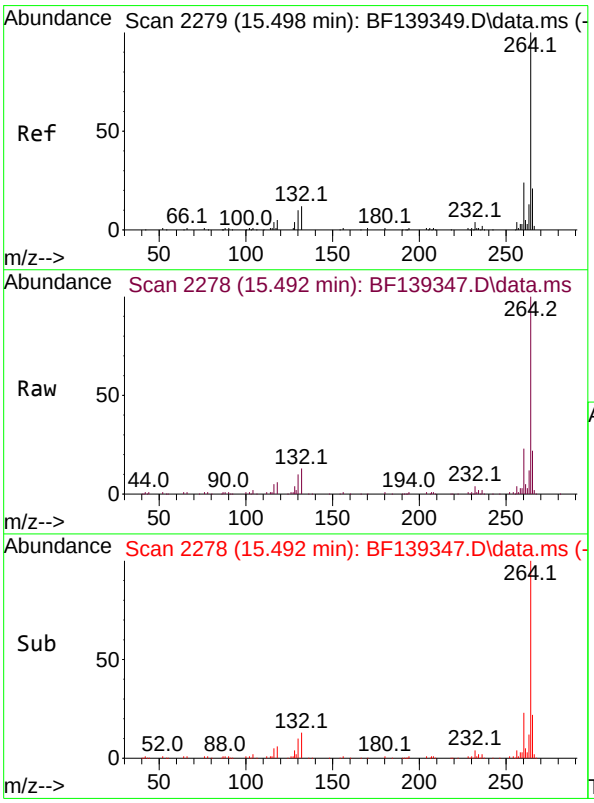
#85
Di-n-octyl phthalate
Concen: 9.330 ng
RT: 14.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 75430

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.6	10.6	16.0

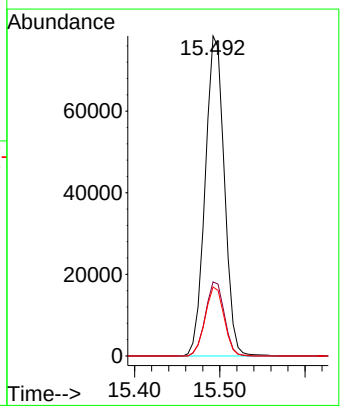


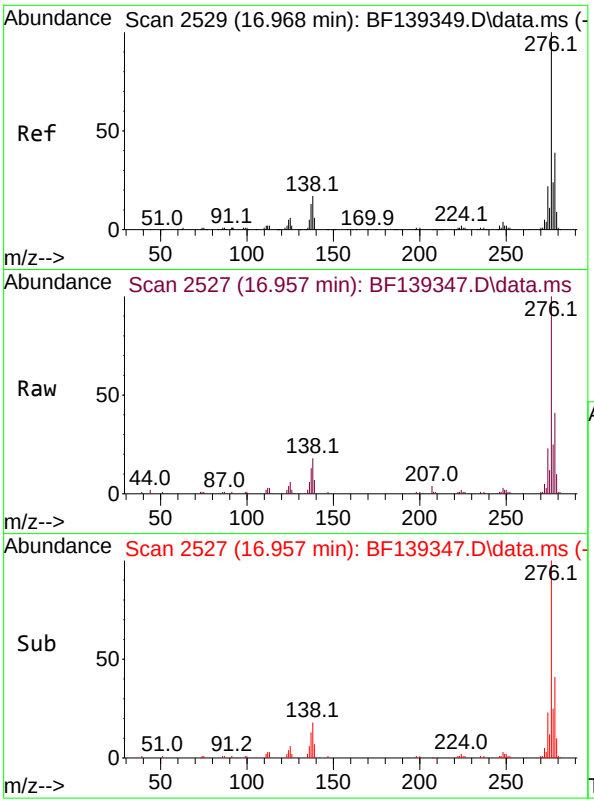


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:264 Resp: 122502

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.6	16.6	25.0



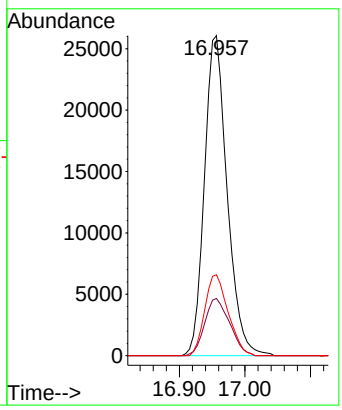


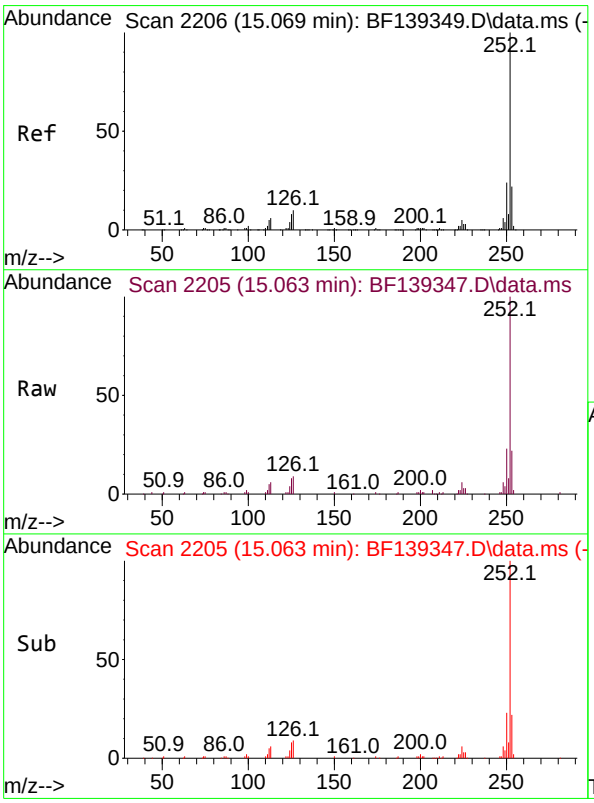
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.200 ng
RT: 16.957 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 62757

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.4	23.2
277	26.1	20.4	30.6

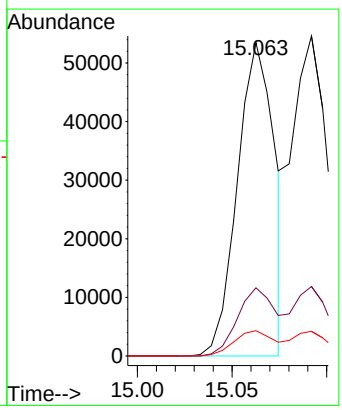


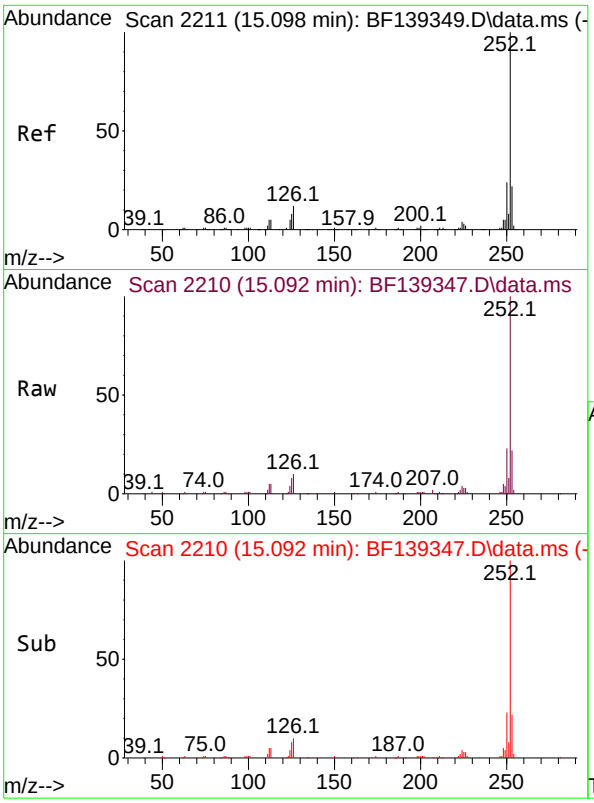


#88
Benzo(b)fluoranthene
Concen: 10.315 ng
RT: 15.063 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:252 Resp: 72770

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.1	6.2	9.2



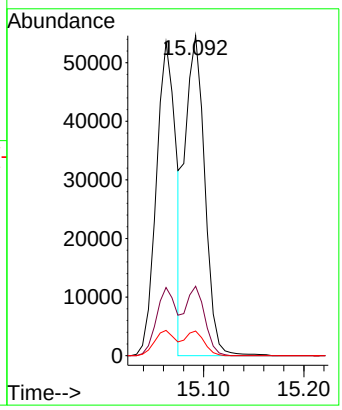


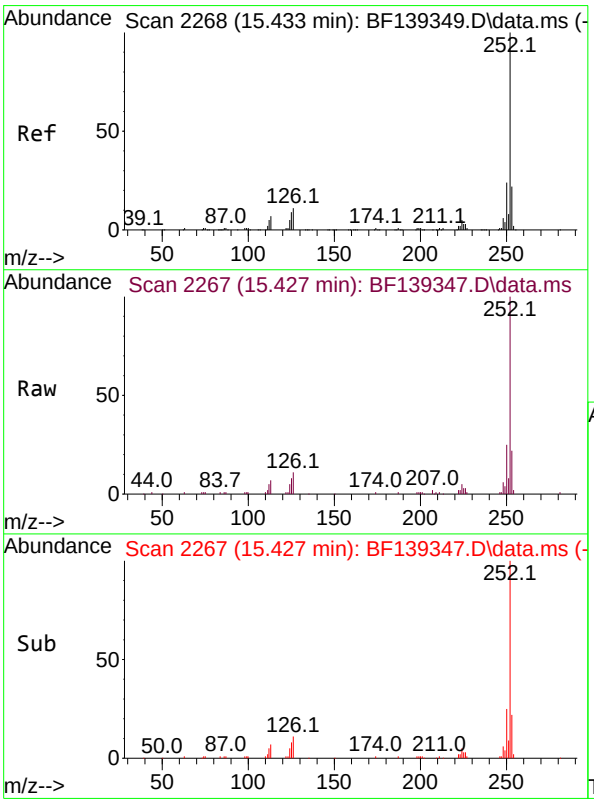
#89
Benzo(k)fluoranthene
Concen: 11.733 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 74218

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	7.7	5.9	8.9

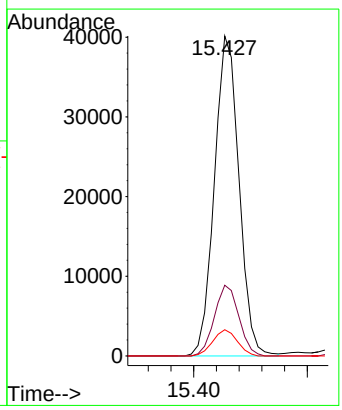


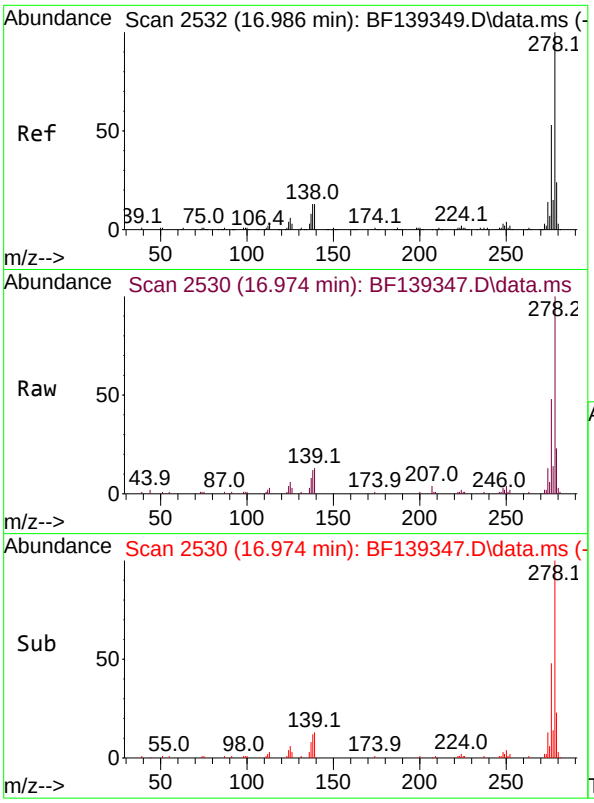


#90
Benzo(a)pyrene
Concen: 10.073 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:252 Resp: 60345

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.2	6.8	10.2



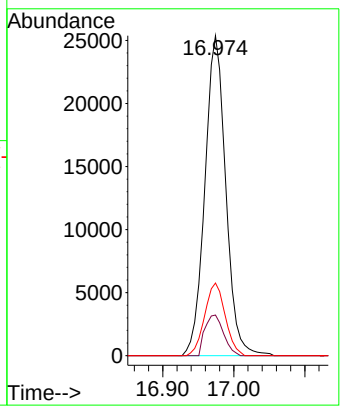


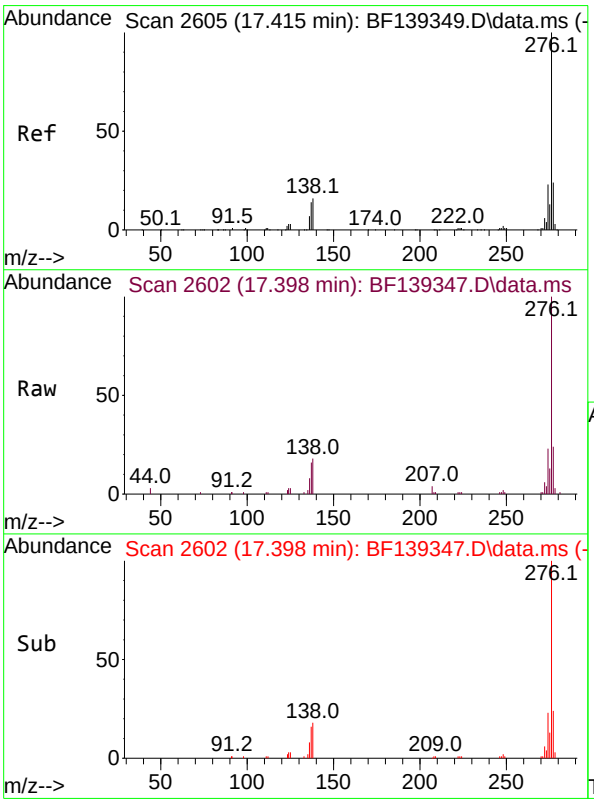
#91
Dibenzo(a,h)anthracene
Concen: 8.231 ng
RT: 16.974 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 51908

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	22.7	18.9	28.3

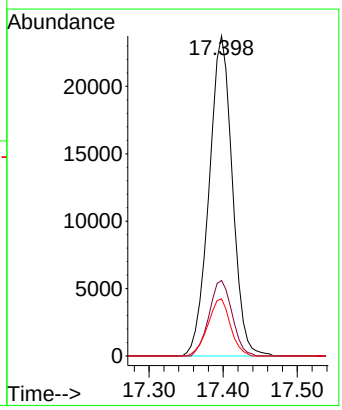




#92
Benzo(g,h,i)perylene
Concen: 7.961 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:276 Resp: 51824

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	17.9	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139348.D
Acq On : 13 Sep 2024 15:57
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 14 02:15:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50923	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	189834	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105260	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	208290	20.000	ng	0.00
76) Chrysene-d12	14.027	240	135891	20.000	ng	0.00
86) Perylene-d12	15.498	264	113195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	128561	42.233	ng	0.00
7) Phenol-d6	6.498	99	171089	42.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	164789	45.159	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	46306	50.945	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	310200	45.491	ng	0.00
79) Terphenyl-d14	12.974	244	348294	41.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	26506	18.698	ng	95
3) Pyridine	3.410	79	60091	17.561	ng	99
4) n-Nitrosodimethylamine	3.357	42	49561	22.304	ng	99
6) Aniline	6.540	93	64899	17.367	ng	97
8) 2-Chlorophenol	6.657	128	66453	21.064	ng	97
9) Benzaldehyde	6.428	77	51506	20.939	ng	99
10) Phenol	6.516	94	87023	20.302	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	60612	19.738	ng	99
12) 1,3-Dichlorobenzene	6.816	146	75121	21.037	ng	98
13) 1,4-Dichlorobenzene	6.892	146	77764	21.758	ng	98
14) 1,2-Dichlorobenzene	7.045	146	71860	21.557	ng	99
15) Benzyl Alcohol	7.016	79	67807	22.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	104227	17.829	ng	99
17) 2-Methylphenol	7.122	107	54852	21.285	ng	96
18) Hexachloroethane	7.392	117	28758	22.529	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	52195	22.301	ng	97
20) 3+4-Methylphenols	7.275	107	71930	22.147	ng	97
22) Acetophenone	7.287	105	101503	22.444	ng	94
24) Nitrobenzene	7.457	77	83852	21.650	ng	99
25) Isophorone	7.692	82	132546	21.246	ng	99
26) 2-Nitrophenol	7.775	139	32132	21.123	ng	99
27) 2,4-Dimethylphenol	7.804	122	43771	20.176	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	73765	19.846	ng	99
29) 2,4-Dichlorophenol	8.010	162	54056	20.810	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	63736	21.484	ng	98
31) Naphthalene	8.181	128	198468	20.645	ng	100
32) Benzoic acid	7.892	122	41479	20.990	ng	97
33) 4-Chloroaniline	8.228	127	63412	19.050	ng	99
34) Hexachlorobutadiene	8.298	225	43255	23.009	ng	98
35) Caprolactam	8.581	113	16927	21.049	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	63754	22.523	ng	98
37) 2-Methylnaphthalene	8.869	142	129773	21.576	ng	99
38) 1-Methylnaphthalene	8.969	142	127098	21.486	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	63941	21.471	ng	100
41) Hexachlorocyclopentadiene	9.022	237	23604	24.662	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	40837	20.958	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139348.D
Acq On : 13 Sep 2024 15:57
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 14 02:15:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

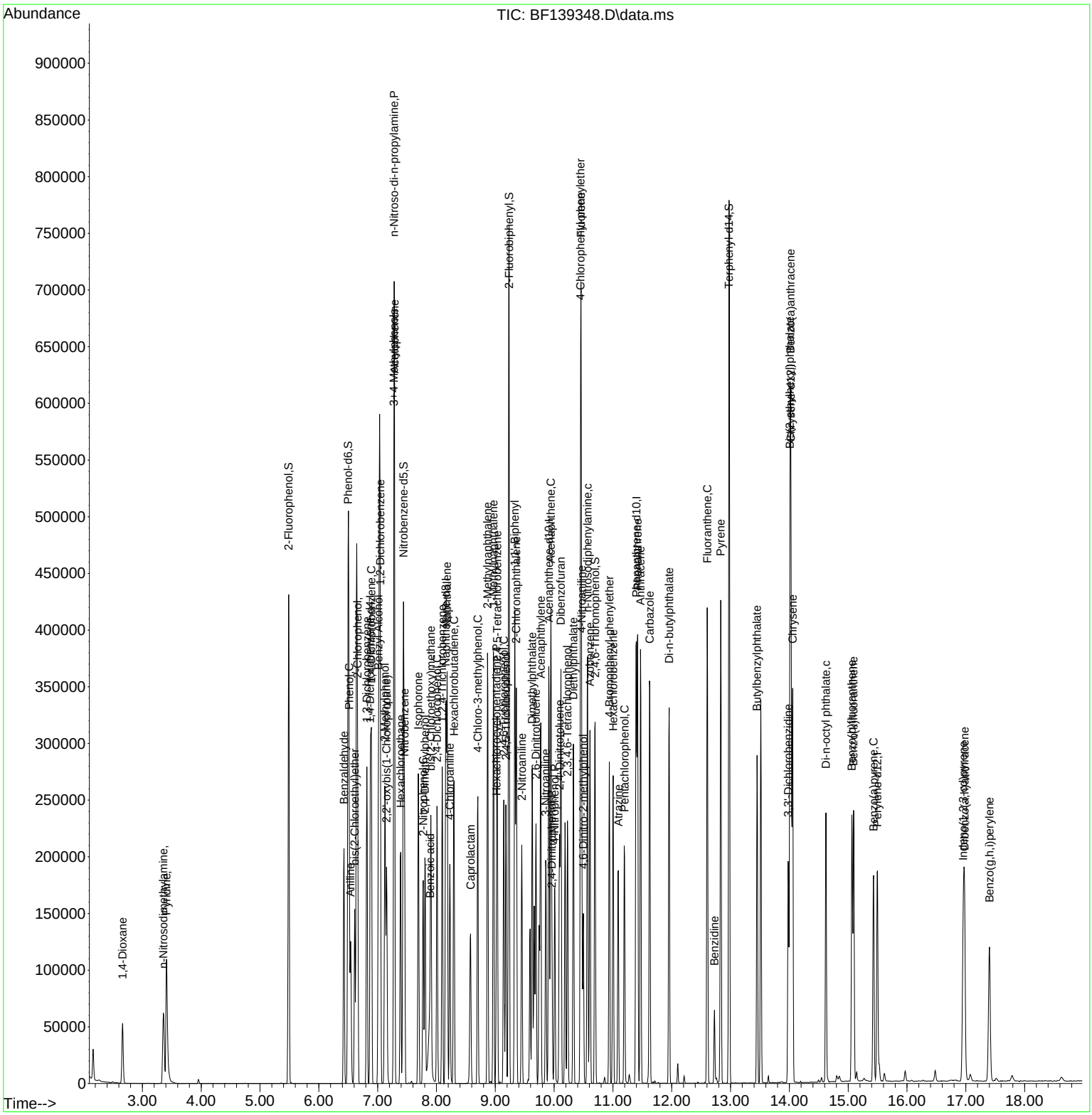
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	44874	21.977	ng		98
46) 1,1'-Biphenyl	9.333	154	164874	21.141	ng		99
47) 2-Chloronaphthalene	9.357	162	124318	21.111	ng		99
48) 2-Nitroaniline	9.451	65	45879	22.619	ng		97
49) Acenaphthylene	9.775	152	189337	21.347	ng		99
50) Dimethylphthalate	9.628	163	142488	22.334	ng		99
51) 2,6-Dinitrotoluene	9.692	165	31924	22.057	ng		99
52) Acenaphthene	9.945	154	131194	22.302	ng		99
53) 3-Nitroaniline	9.857	138	32773	21.253	ng		99
54) 2,4-Dinitrophenol	9.963	184	15677	25.295	ng	#	78
55) Dibenzofuran	10.116	168	182945	21.691	ng		99
56) 4-Nitrophenol	10.010	139	25626	22.515	ng		99
57) 2,4-Dinitrotoluene	10.092	165	41181	22.355	ng		95
58) Fluorene	10.457	166	149842	22.915	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	38272	23.811	ng		97
60) Diethylphthalate	10.328	149	147877	23.553	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	72779	23.079	ng		99
62) 4-Nitroaniline	10.469	138	36226	24.679	ng		98
63) Azobenzene	10.610	77	144713	21.869	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	21797	22.648	ng		97
66) n-Nitrosodiphenylamine	10.569	169	123420	20.356	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	41859	20.713	ng		97
68) Hexachlorobenzene	11.004	284	47538	20.548	ng		98
69) Atrazine	11.092	200	29971	21.426	ng		98
70) Pentachlorophenol	11.198	266	29804	22.302	ng		100
71) Phenanthrene	11.422	178	206521	21.224	ng		99
72) Anthracene	11.469	178	202170	21.269	ng		99
73) Carbazole	11.627	167	199586	22.466	ng		100
74) Di-n-butylphthalate	11.957	149	223465	24.566	ng		100
75) Fluoranthene	12.604	202	236740	24.268	ng		100
77) Benzidine	12.727	184	35663	13.034	ng		97
78) Pyrene	12.833	202	243332	18.536	ng		99
80) Butylbenzylphthalate	13.451	149	85593	27.698	ng		99
81) Benzo(a)anthracene	14.021	228	190760	21.984	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	53835	23.362	ng		99
83) Chrysene	14.057	228	163920	20.240	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	110906	30.577	ng		99
85) Di-n-octyl phthalate	14.621	149	146208	21.054	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	133029	18.812	ng		99
88) Benzo(b)fluoranthene	15.063	252	150795	23.132	ng		99
89) Benzo(k)fluoranthene	15.092	252	125290	21.436	ng		99
90) Benzo(a)pyrene	15.433	252	116755	21.093	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	110187	18.908	ng		98
92) Benzo(g,h,i)perylene	17.404	276	110255	18.329	ng		99

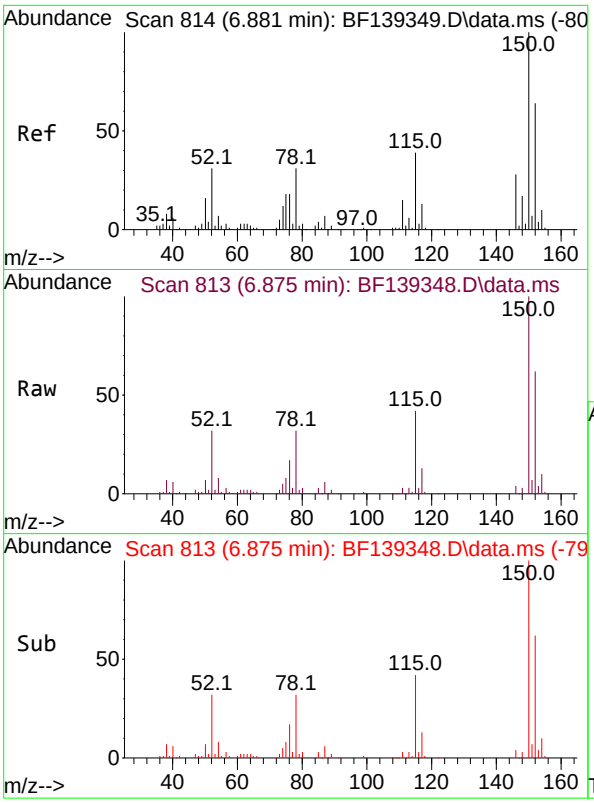
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139348.D
Acq On : 13 Sep 2024 15:57
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 14 02:15:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



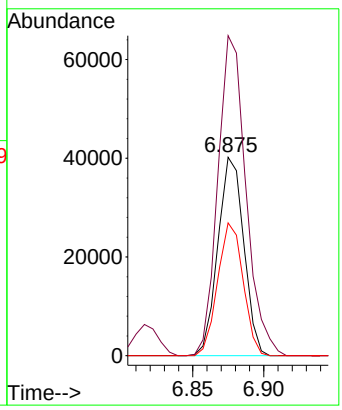


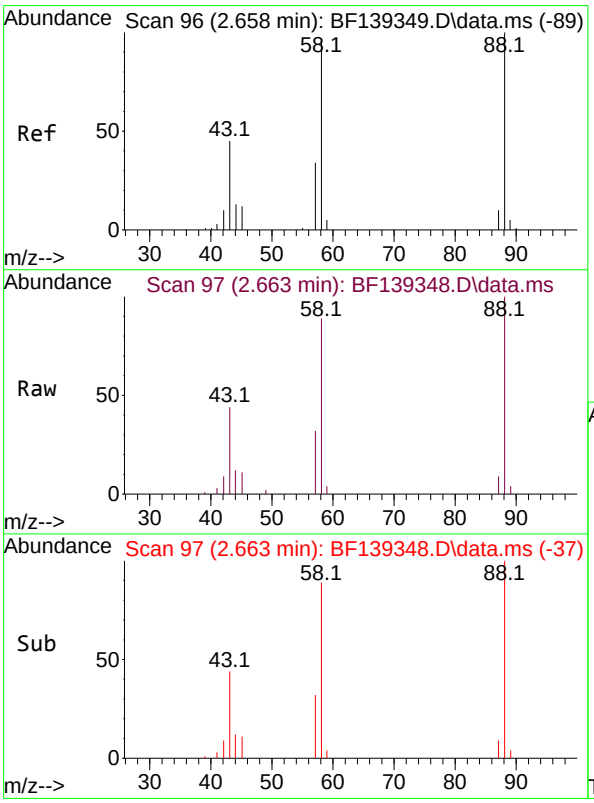
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 50923

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.1	186.1
115	67.0	48.1	72.1

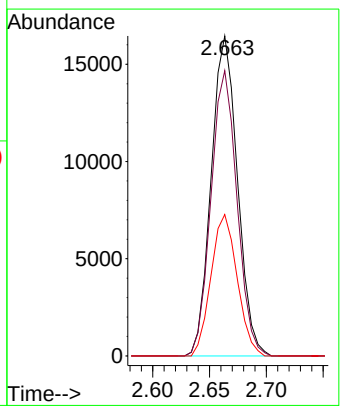


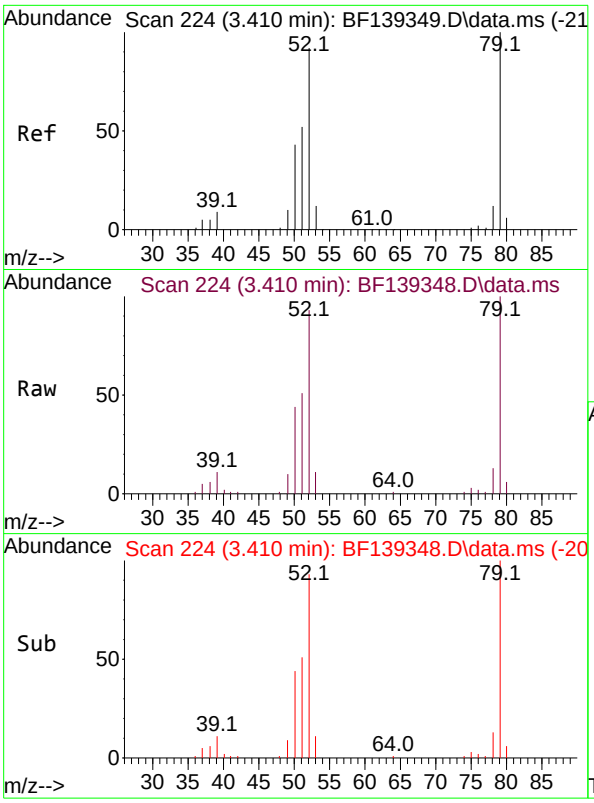


#2
1,4-Dioxane
Concen: 18.698 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 88 Resp: 26506

Ion	Ratio	Lower	Upper
88	100		
58	88.1	74.8	112.2
43	44.0	36.4	54.6



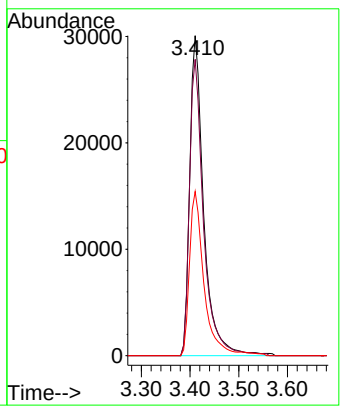


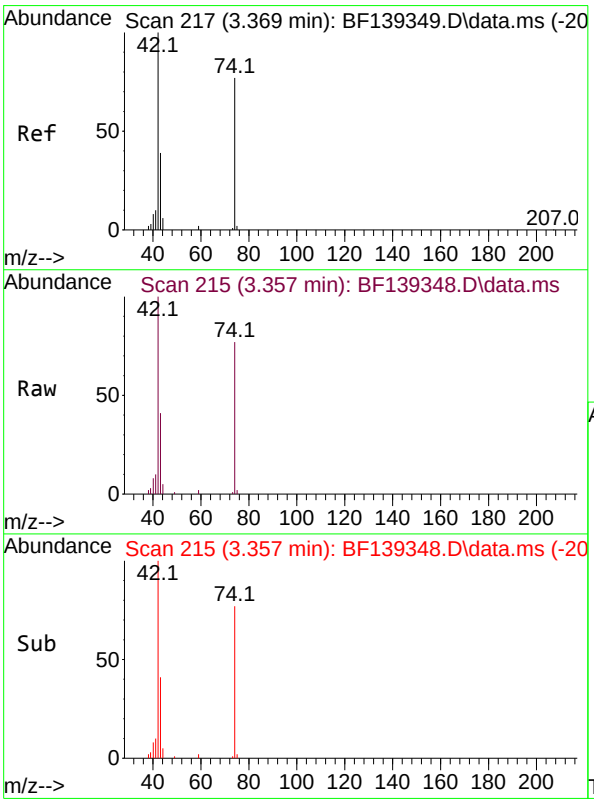
#3
Pyridine
Concen: 17.561 ng
RT: 3.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 60091

Ion	Ratio	Lower	Upper
79	100		
52	92.6	73.8	110.8
51	51.3	41.8	62.6

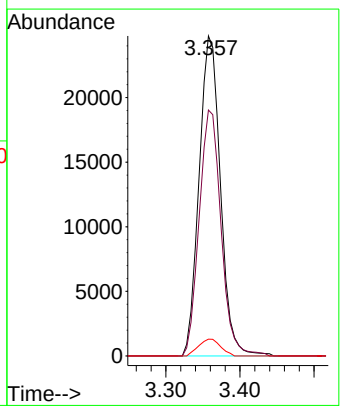


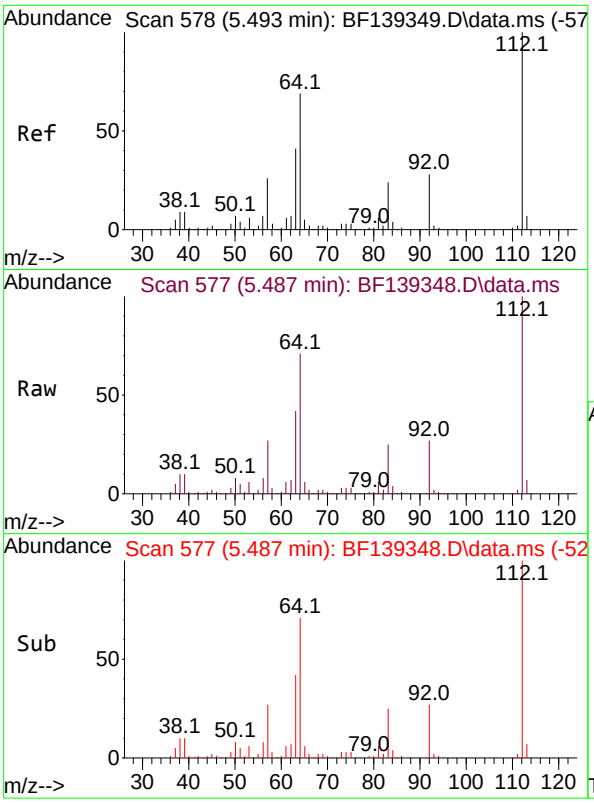


#4
n-Nitrosodimethylamine
Concen: 22.304 ng
RT: 3.357 min Scan# 215
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 42 Resp: 49561

Ion	Ratio	Lower	Upper
42	100		
74	76.9	61.8	92.8
44	5.2	4.8	7.2



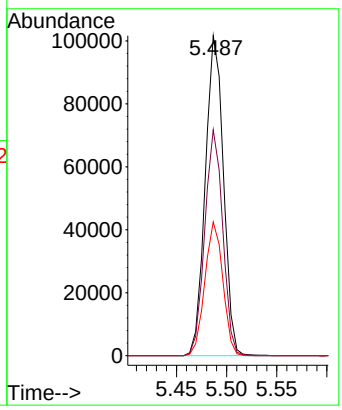


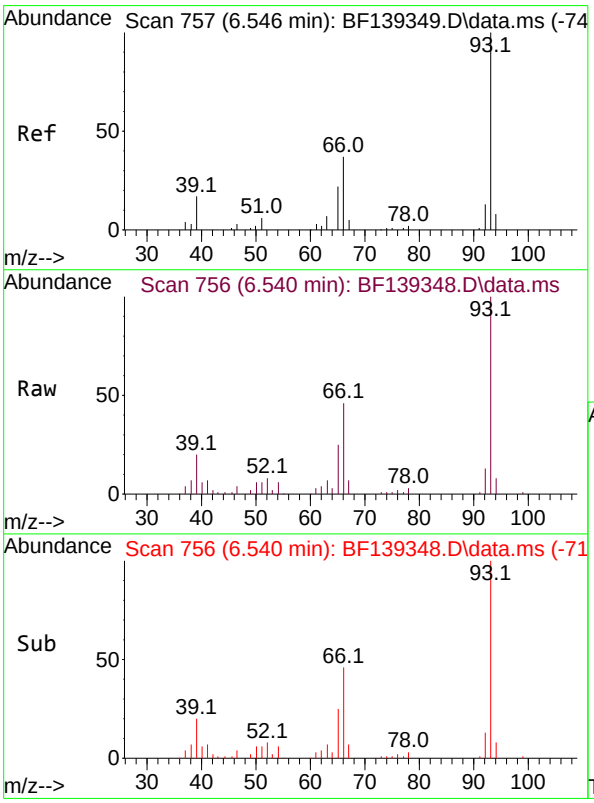
#5
2-Fluorophenol
Concen: 42.233 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 128561

Ion	Ratio	Lower	Upper
112	100		
64	70.6	54.8	82.2
63	41.8	33.0	49.4

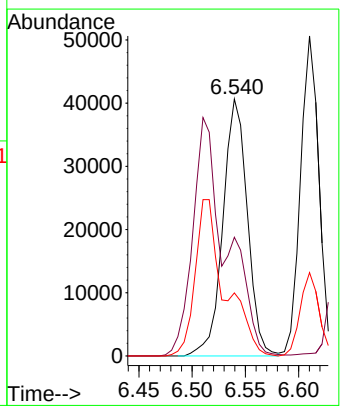


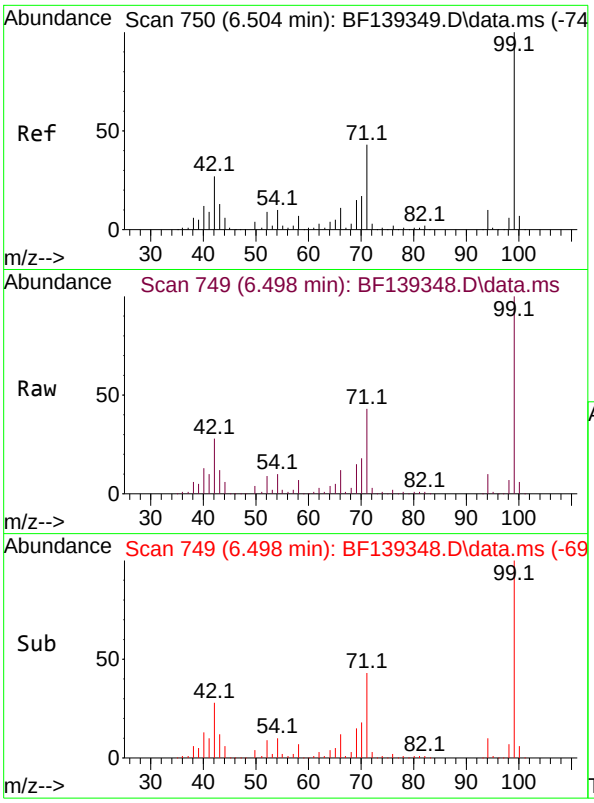


#6
Aniline
Concen: 17.367 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 93 Resp: 64899

Ion	Ratio	Lower	Upper
93	100		
66	46.2	35.4	53.0
65	24.5	18.2	27.4



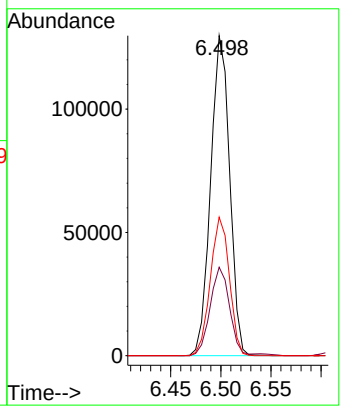


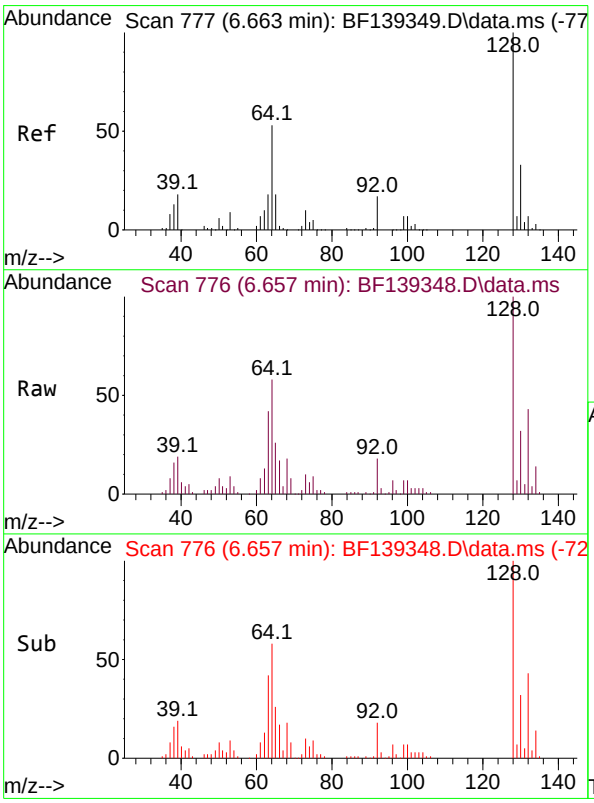
#7
Phenol-d6
Concen: 42.101 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 171089

Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.9	32.9
71	43.3	34.6	52.0

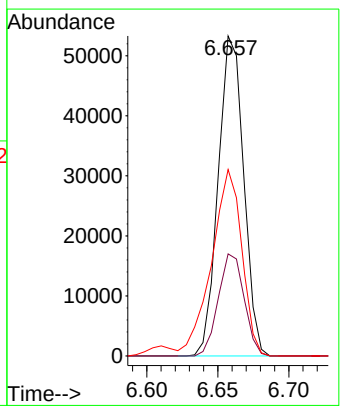


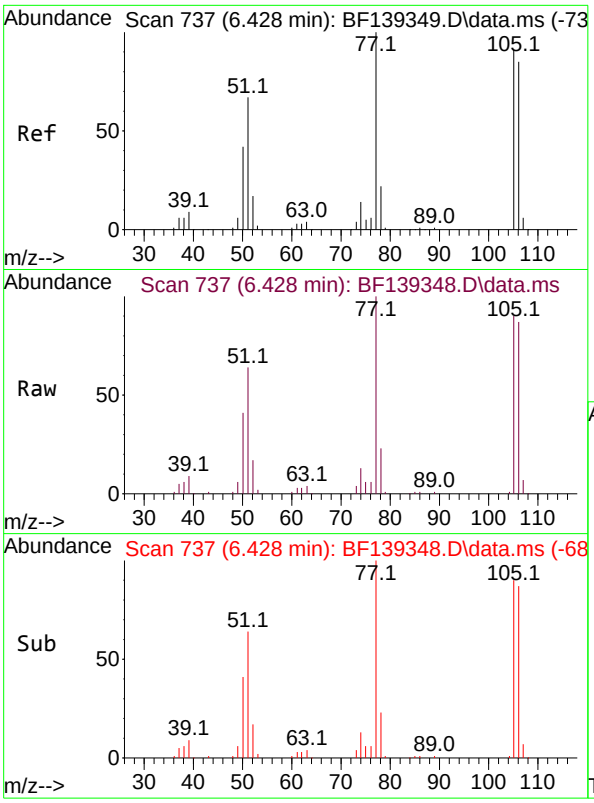


#8
2-Chlorophenol
Concen: 21.064 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:128 Resp: 66453

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	58.3	35.1	75.1



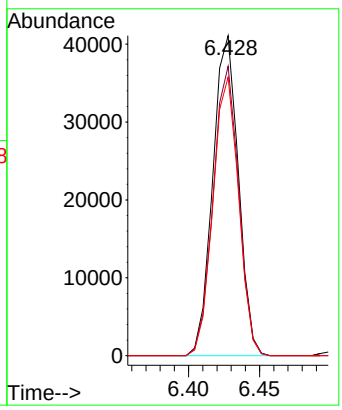


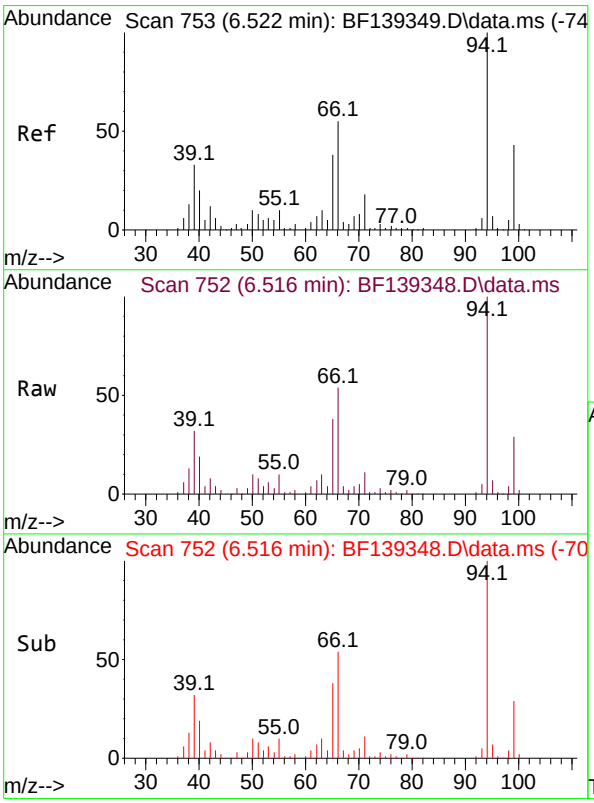
#9
Benzaldehyde
Concen: 20.939 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 51506

Ion	Ratio	Lower	Upper
77	100		
105	90.4	71.0	111.0
106	87.1	64.9	104.9

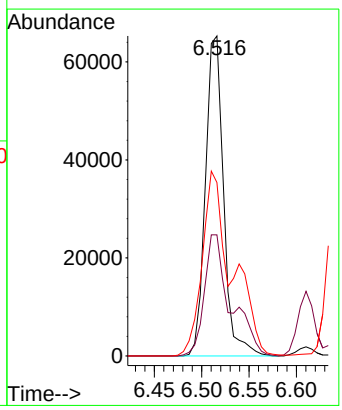


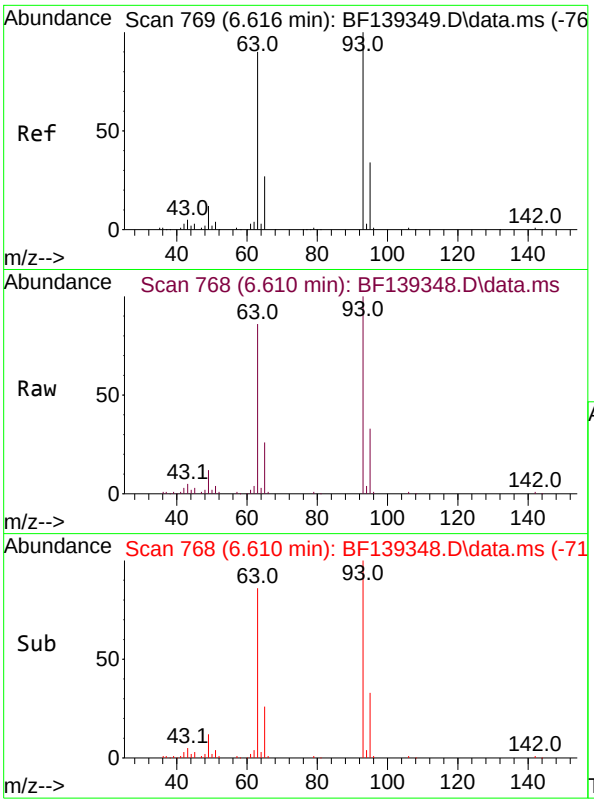


#10
Phenol
Concen: 20.302 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 94 Resp: 87023

Ion	Ratio	Lower	Upper
94	100		
65	37.9	17.6	57.6
66	54.2	35.2	75.2



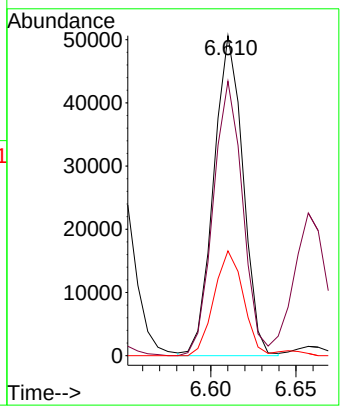


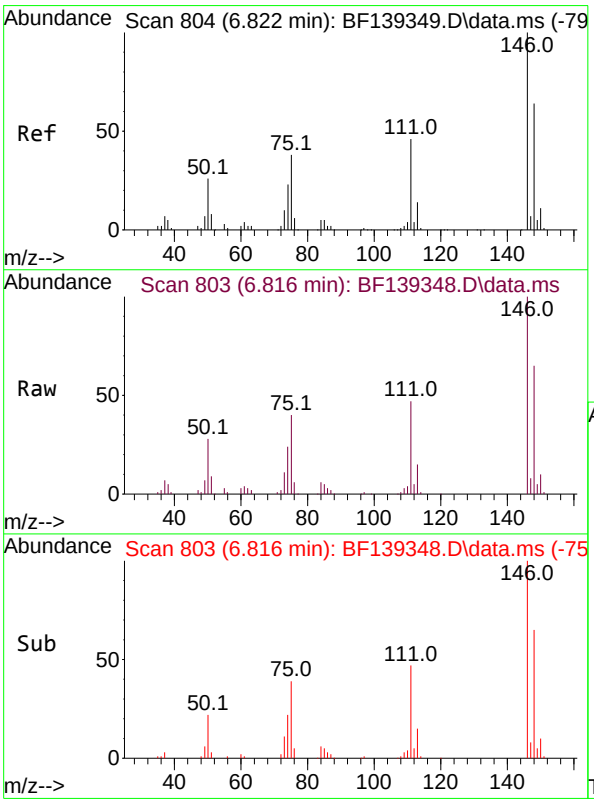
#11
bis(2-Chloroethyl)ether
Concen: 19.738 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 60612

Ion	Ratio	Lower	Upper
93	100		
63	85.7	65.3	105.3
95	32.8	12.4	52.4

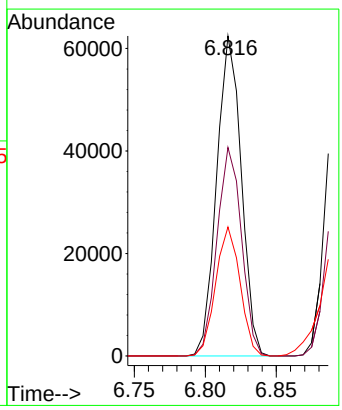


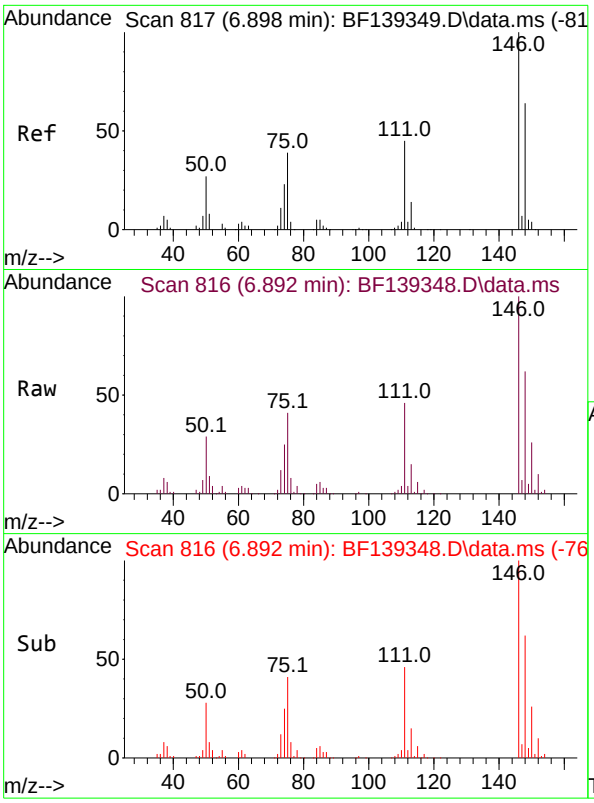


#12
1,3-Dichlorobenzene
Concen: 21.037 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:146 Resp: 75121

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
75	40.3	30.6	46.0



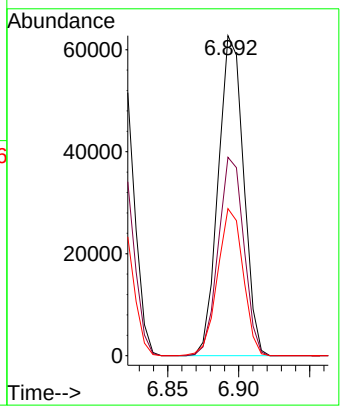


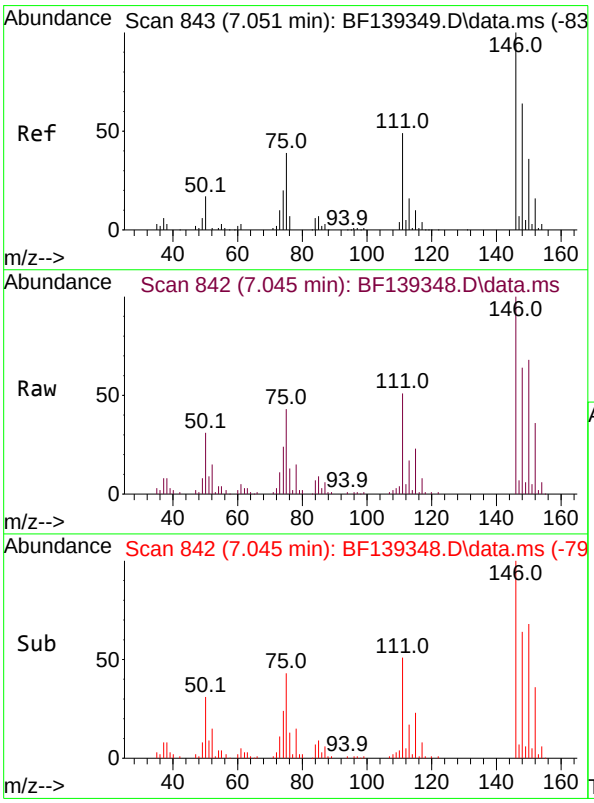
#13
1,4-Dichlorobenzene
Concen: 21.758 ng
RT: 6.892 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 77764

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
111	46.0	36.3	54.5

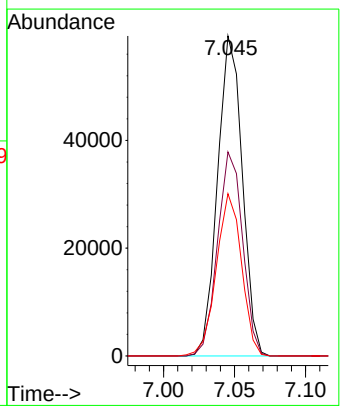


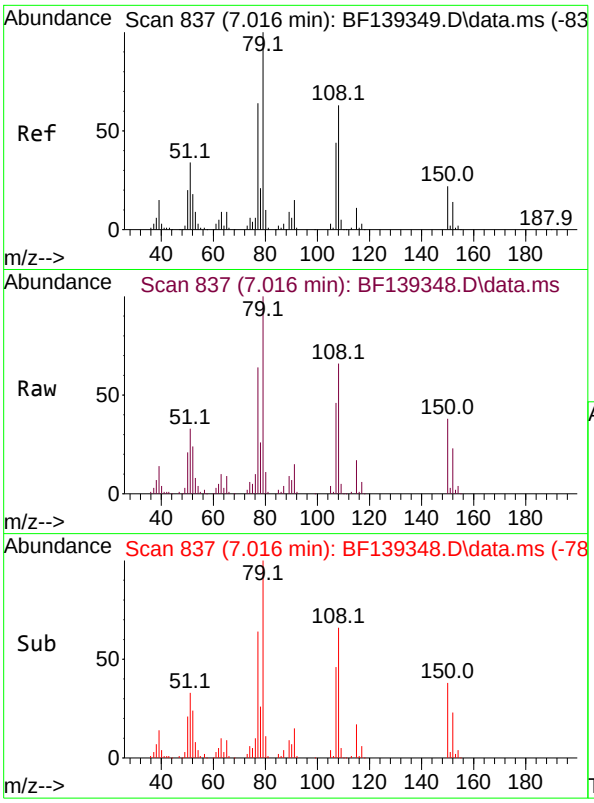


#14
1,2-Dichlorobenzene
Concen: 21.557 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:146 Resp: 71860

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
111	50.7	38.9	58.3



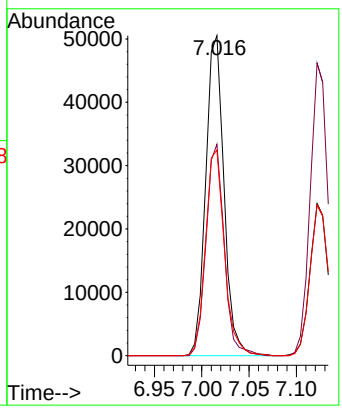


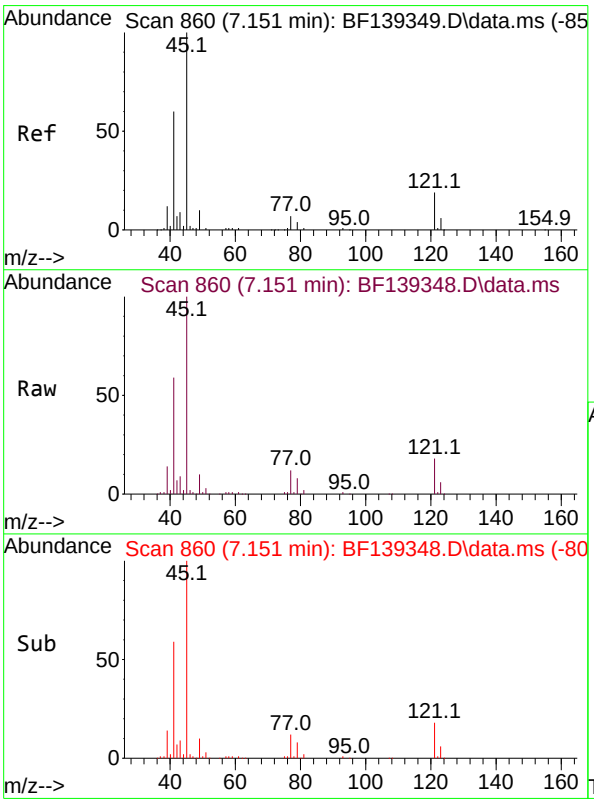
#15
Benzyl Alcohol
Concen: 22.880 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 67807

Ion	Ratio	Lower	Upper
79	100		
108	66.1	50.4	75.6
77	64.3	51.4	77.2

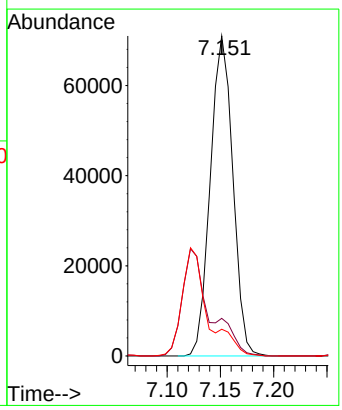


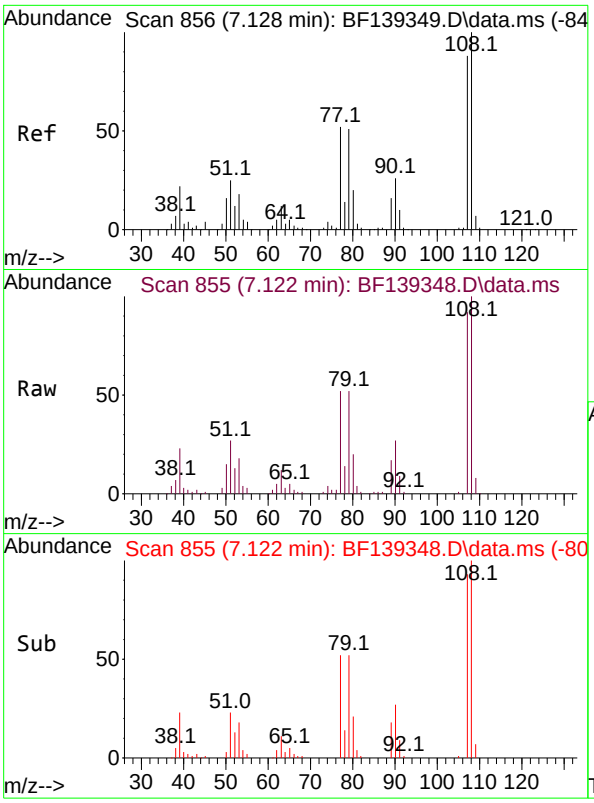


#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.829 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 45 Resp: 104227

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.0
79	8.4	0.0	29.1



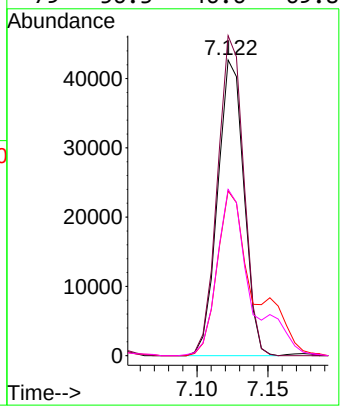


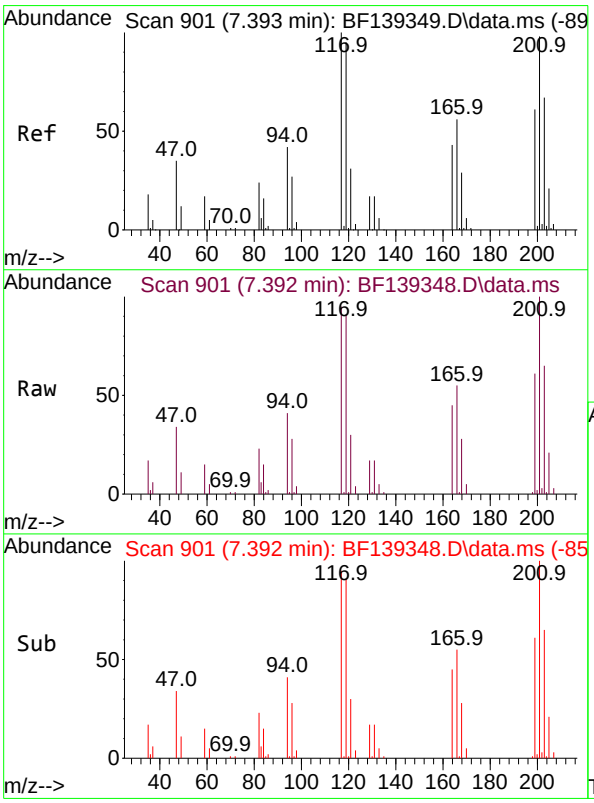
#17
2-Methylphenol
Concen: 21.285 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 54852

Ion	Ratio	Lower	Upper
107	100		
108	108.2	90.5	135.7
77	55.7	47.1	70.7
79	56.3	46.6	69.8

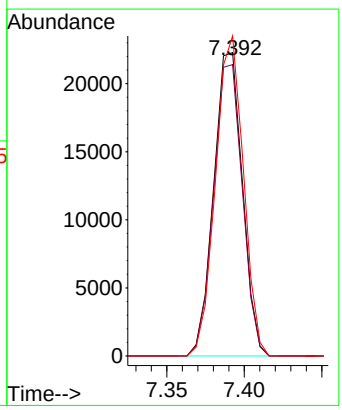


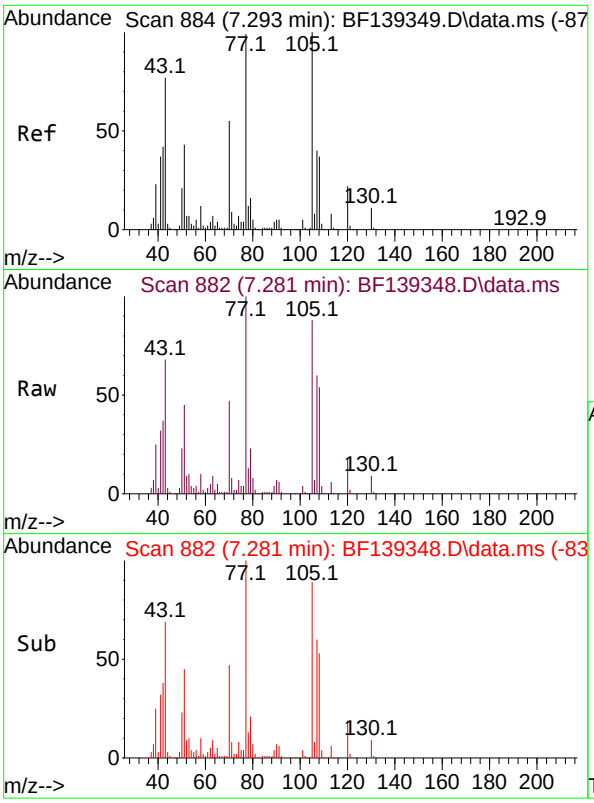


#18
Hexachloroethane
Concen: 22.529 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:117 Resp: 28758

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	105.5	78.6	118.0



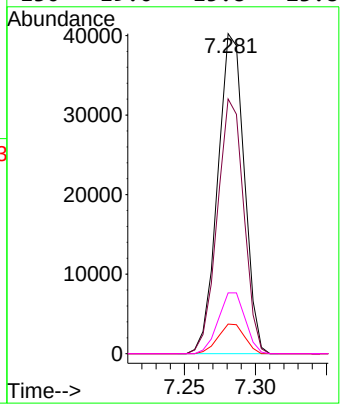


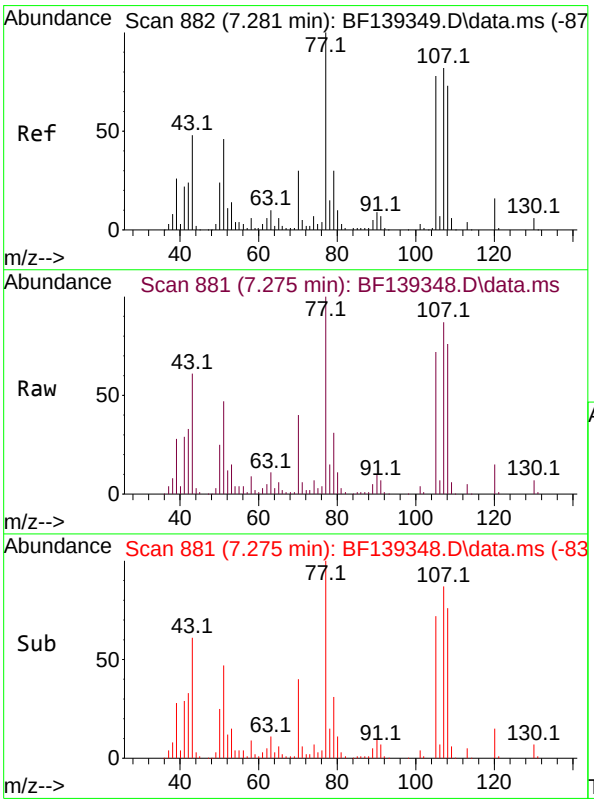
#19
n-Nitroso-di-n-propylamine
Concen: 22.301 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 52195

Ion	Ratio	Lower	Upper
70	100		
42	79.6	61.2	91.8
101	9.3	7.5	11.3
130	19.0	15.8	23.8

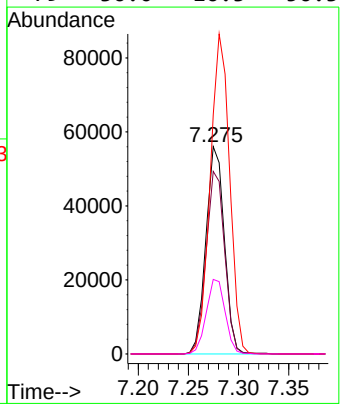


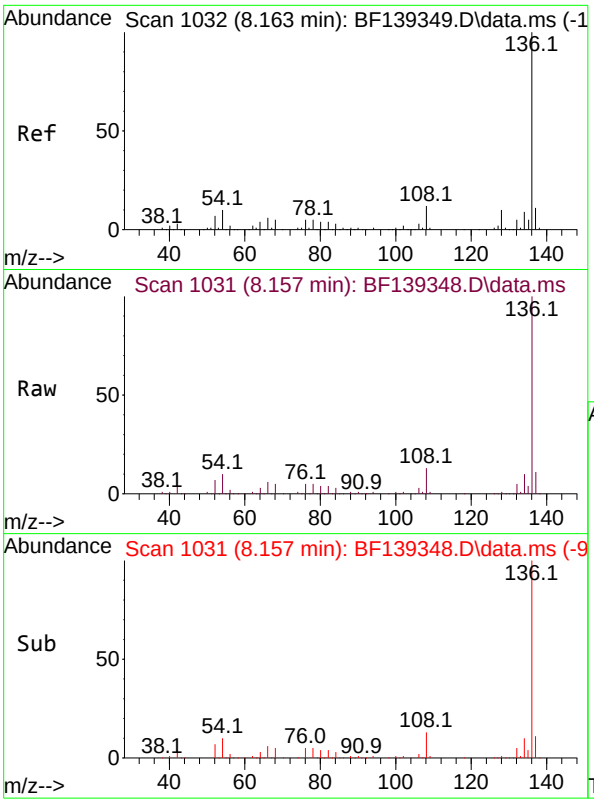


#20
3+4-Methylphenols
Concen: 22.147 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:107 Resp: 71930

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.6	108.6
77	115.3	101.6	141.6
79	36.0	16.3	56.3



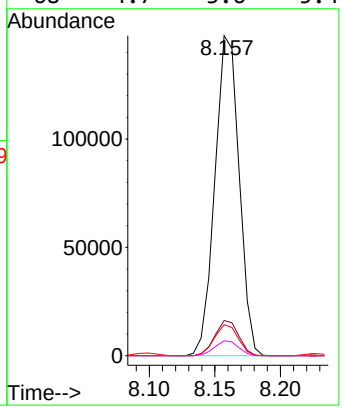


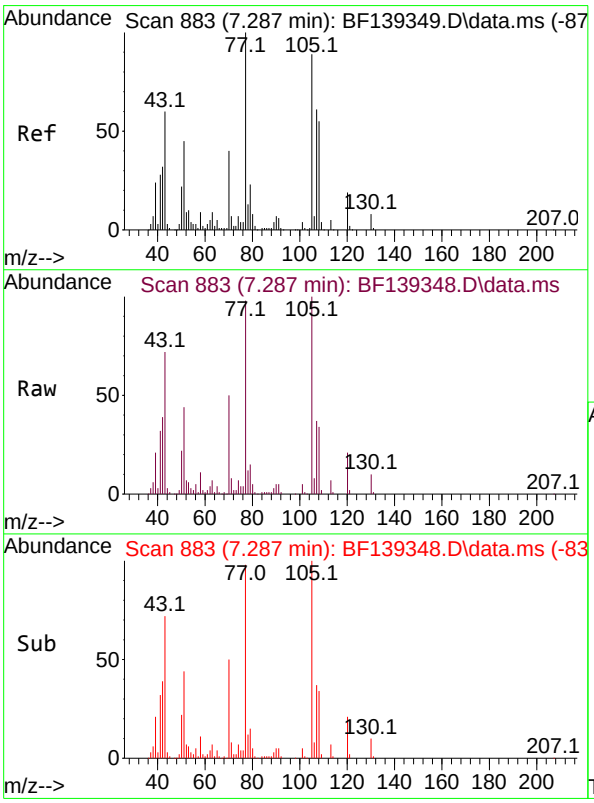
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 189834

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.7	7.8	11.8
68	4.7	3.6	5.4

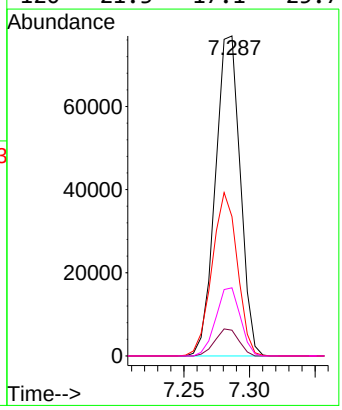


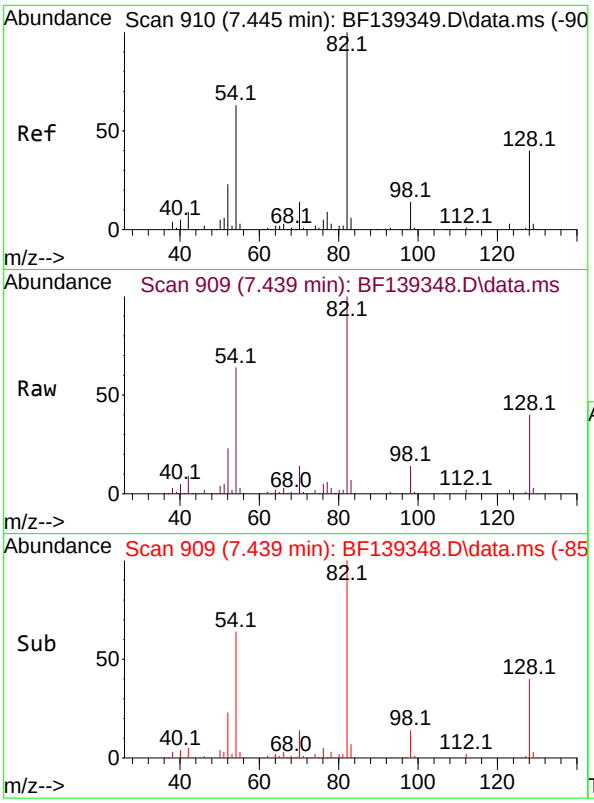


#22
Acetophenone
Concen: 22.444 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:105 Resp: 101503

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	43.5	40.0	60.0
120	21.3	17.1	25.7



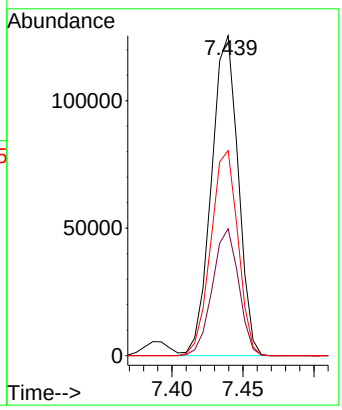


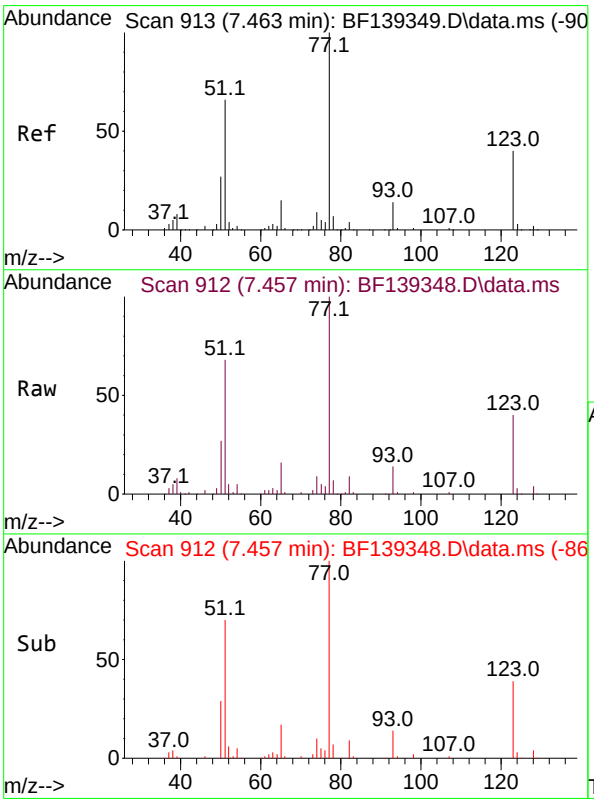
#23
Nitrobenzene-d5
Concen: 45.159 ng
RT: 7.439 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 164789

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.6
54	64.1	50.6	75.8

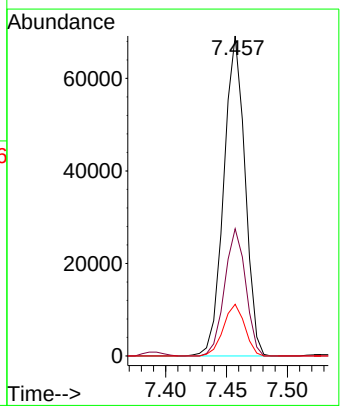


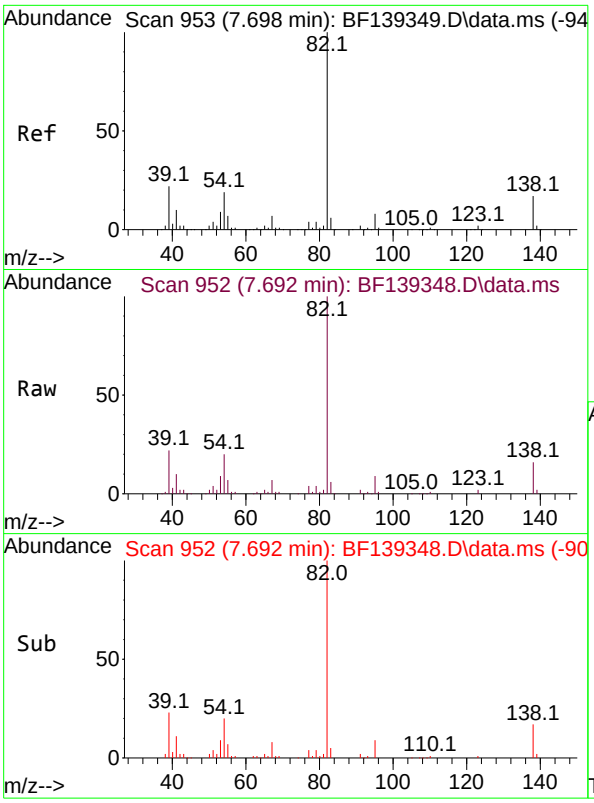


#24
Nitrobenzene
Concen: 21.650 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 77 Resp: 83852

Ion	Ratio	Lower	Upper
77	100		
123	39.8	32.2	48.4
65	16.2	12.2	18.4



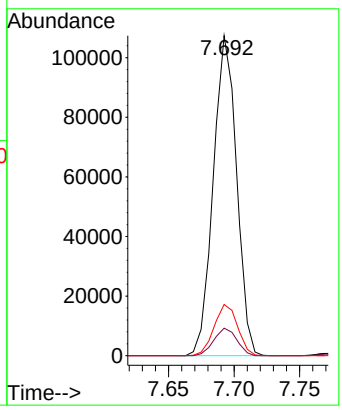


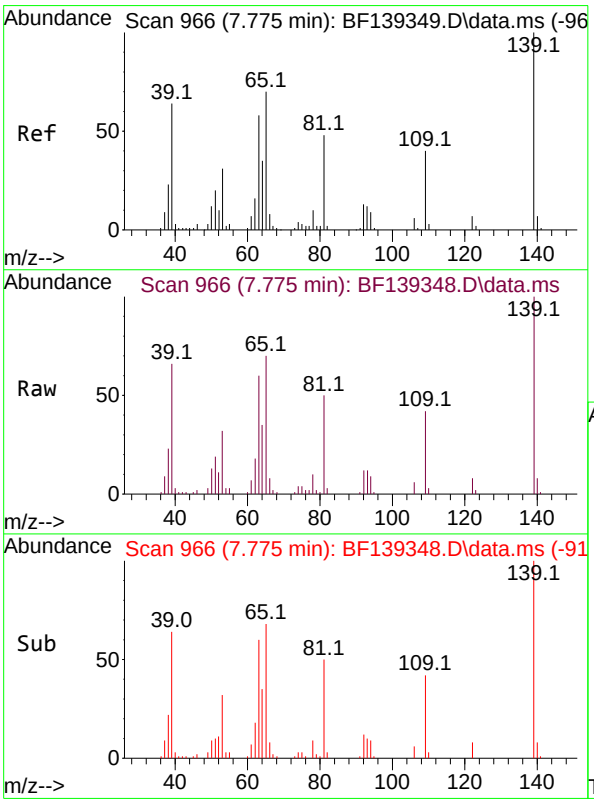
#25
Isophorone
Concen: 21.246 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 132546

Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.7	10.1
138	16.0	13.3	19.9

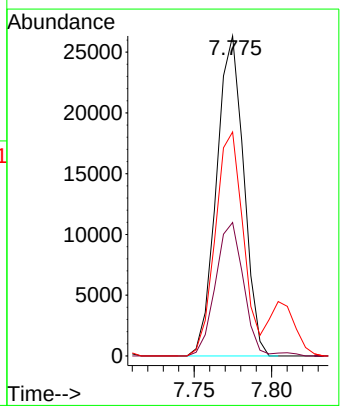


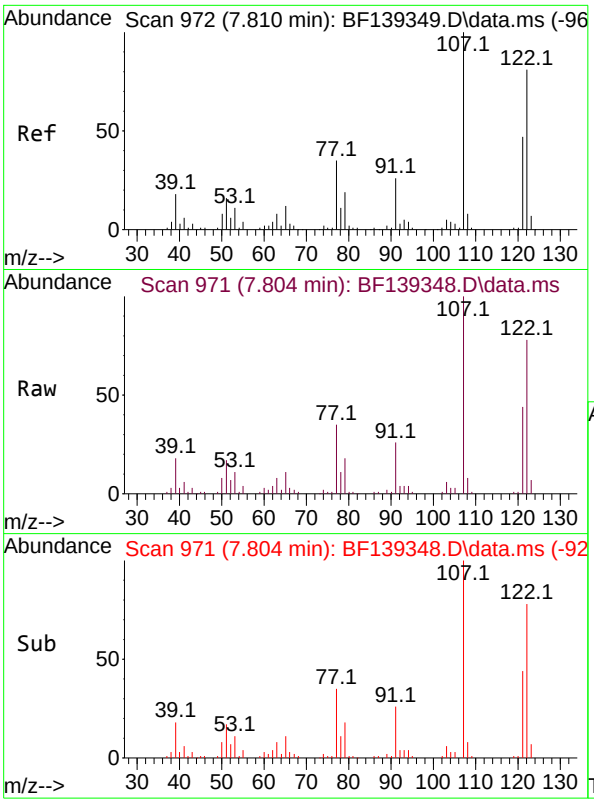


#26
2-Nitrophenol
Concen: 21.123 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 32132

Ion	Ratio	Lower	Upper
139	100		
109	41.7	32.2	48.2
65	70.0	55.8	83.8



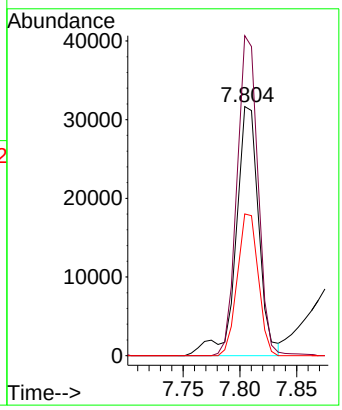


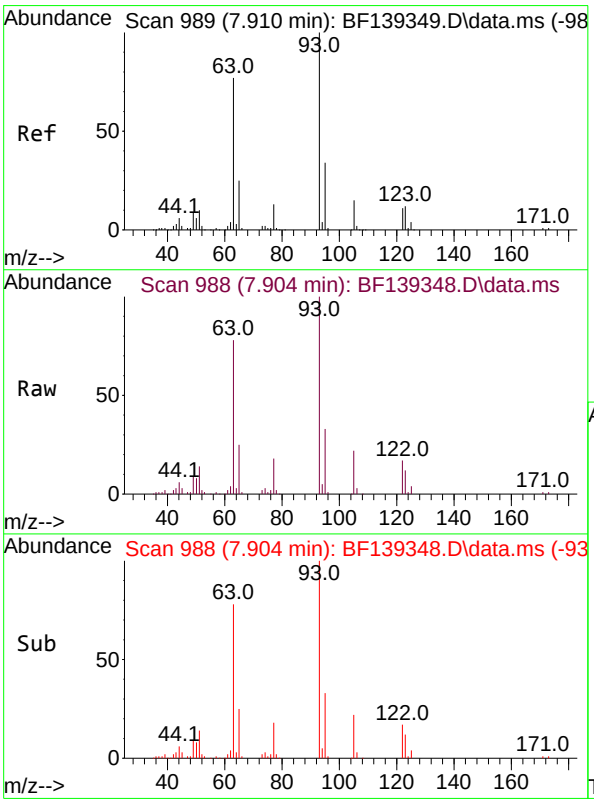
#27
2,4-Dimethylphenol
Concen: 20.176 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 43771

Ion	Ratio	Lower	Upper
122	100		
107	128.4	99.1	148.7
121	56.9	46.6	70.0

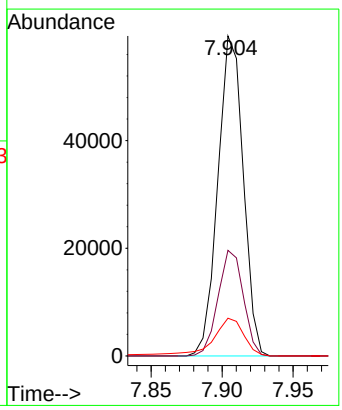


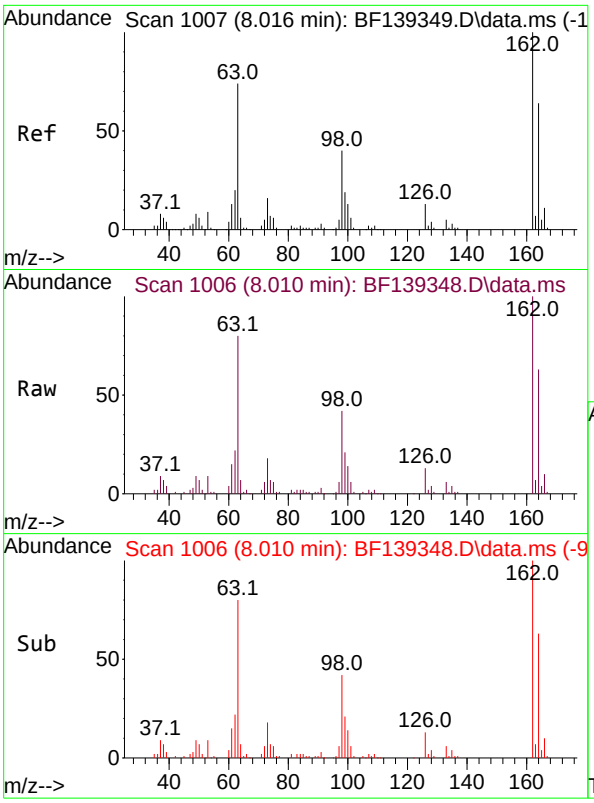


#28
bis(2-Chloroethoxy)methane
Concen: 19.846 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 93 Resp: 73765

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.9	40.3
123	11.8	10.0	15.0



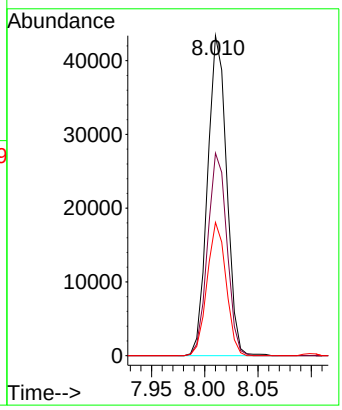


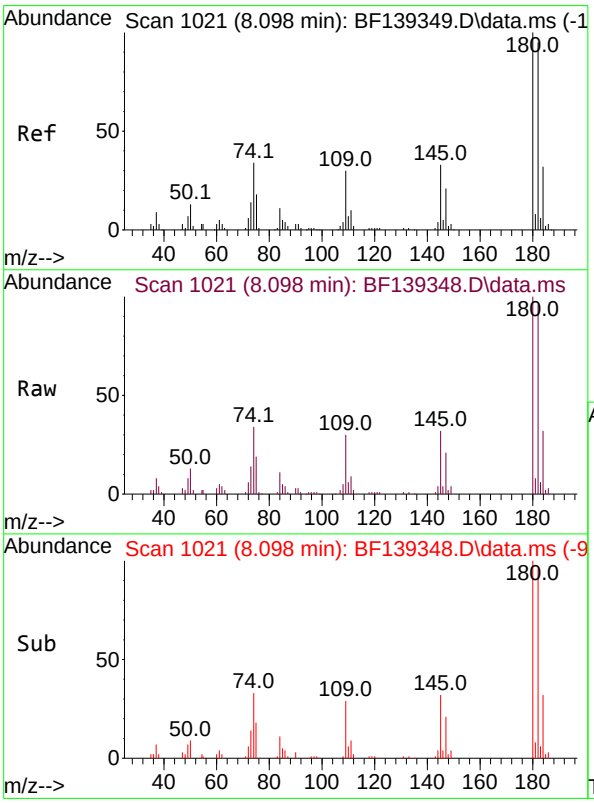
#29
2,4-Dichlorophenol
Concen: 20.810 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 54056

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	41.6	19.7	59.7

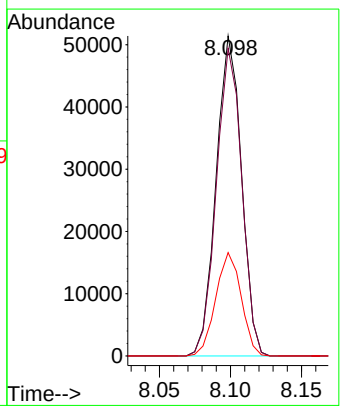


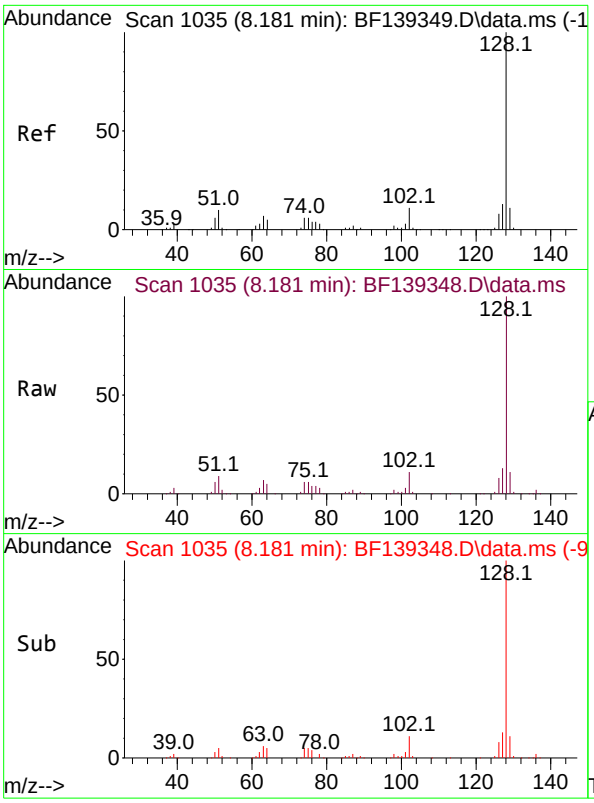


#30
1,2,4-Trichlorobenzene
Concen: 21.484 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:180 Resp: 63736

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
145	32.3	26.5	39.7



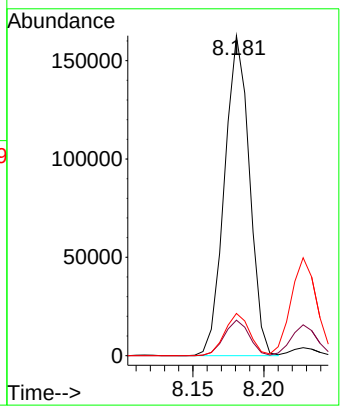


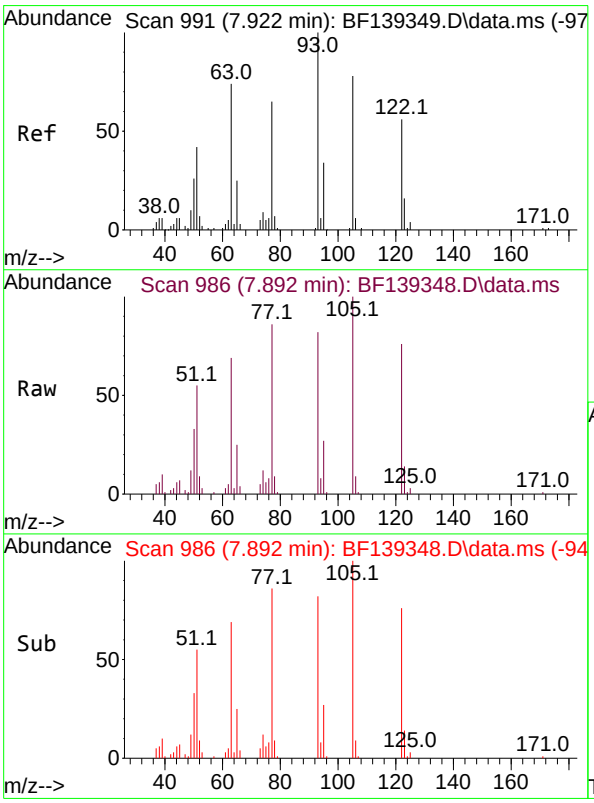
#31
Naphthalene
Concen: 20.645 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 198468

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.2	10.6	16.0

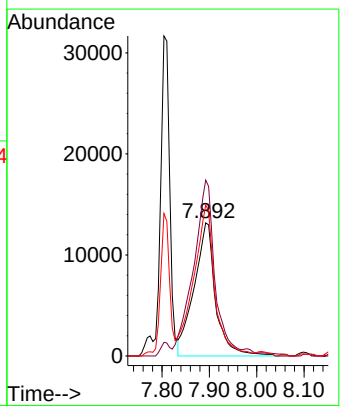


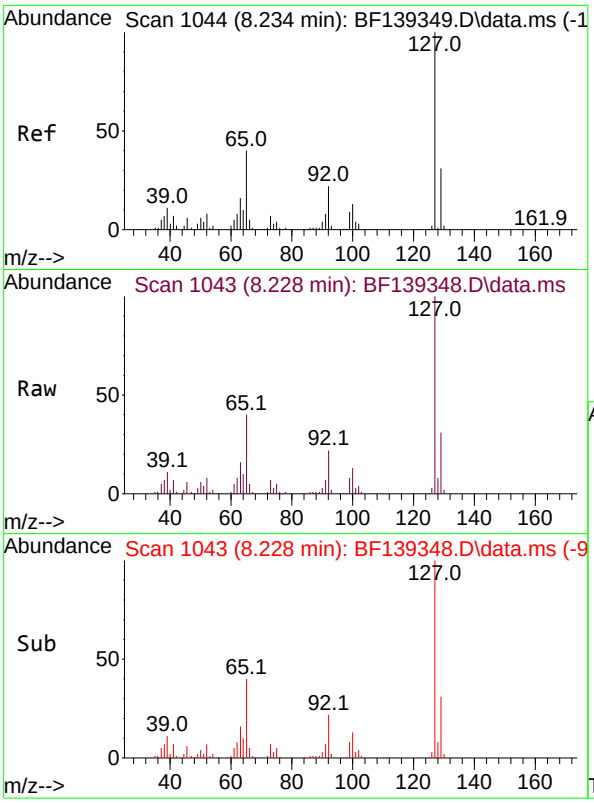


#32
Benzoic acid
Concen: 20.990 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.030 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:122 Resp: 41479

Ion	Ratio	Lower	Upper
122	100		
105	132.1	117.1	157.1
77	113.3	95.4	135.4



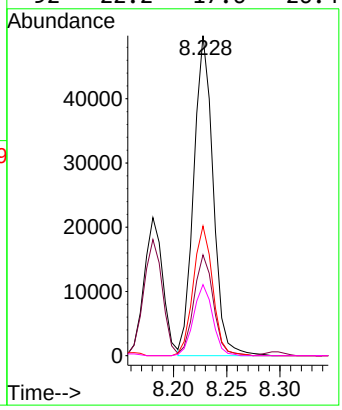


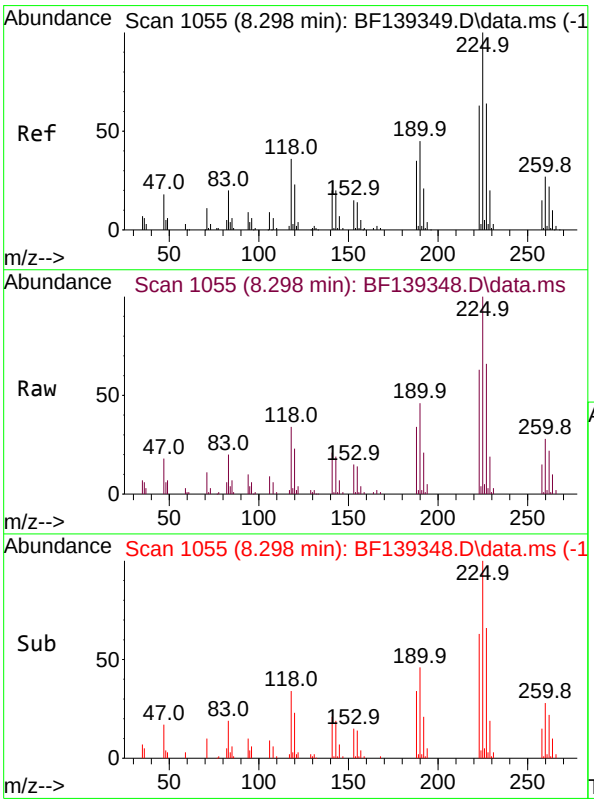
#33
4-Chloroaniline
Concen: 19.050 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 63412

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.5	38.3
65	40.5	31.5	47.3
92	22.2	17.6	26.4

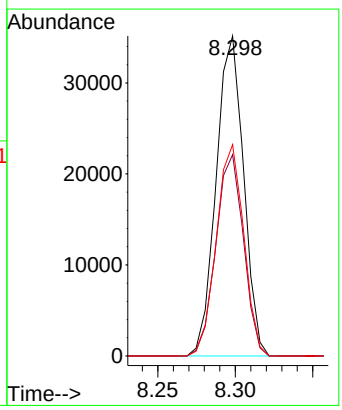


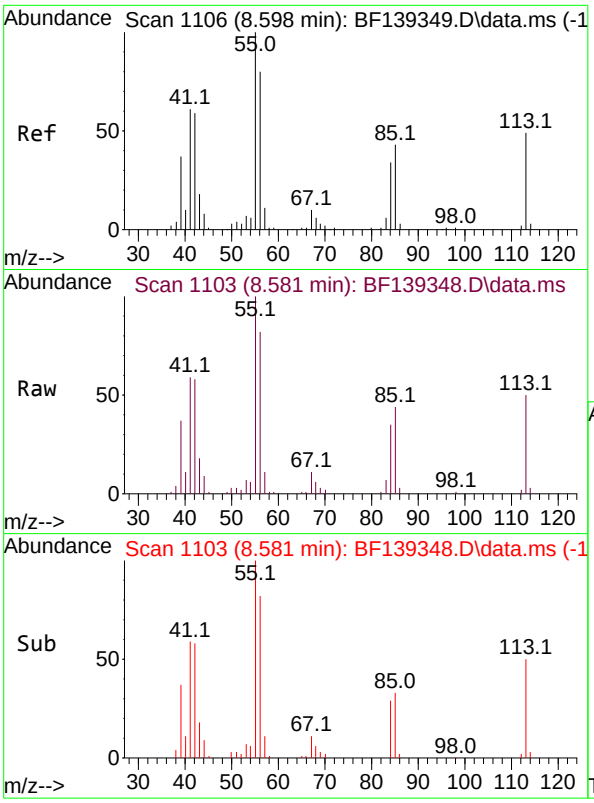


#34
Hexachlorobutadiene
Concen: 23.009 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:225 Resp: 43255

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	66.1	51.0	76.6



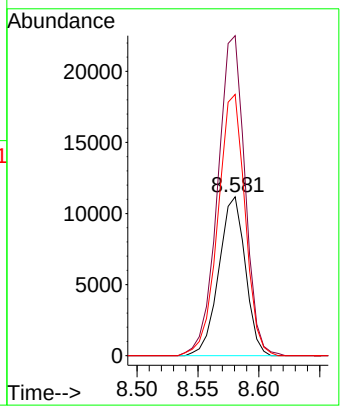


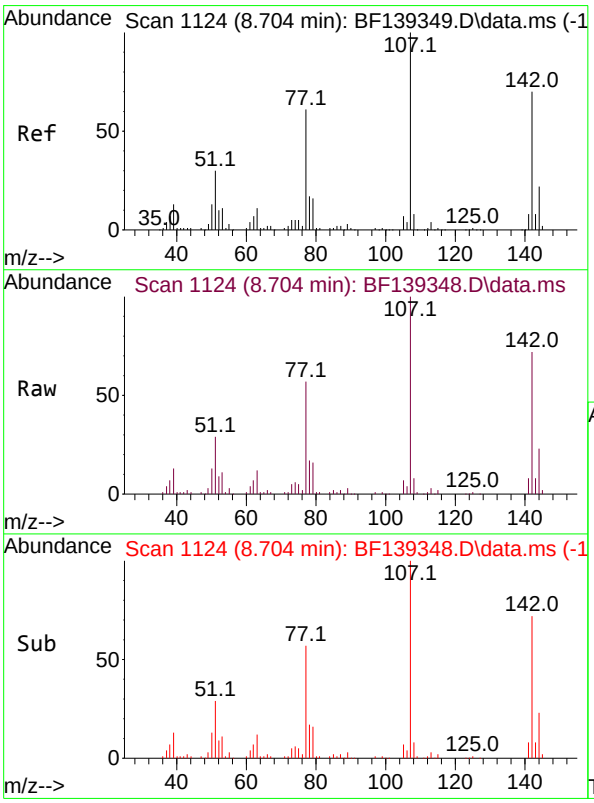
#35
Caprolactam
Concen: 21.049 ng
RT: 8.581 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 16927

Ion	Ratio	Lower	Upper
113	100		
55	201.4	186.1	226.1
56	164.4	144.9	184.9

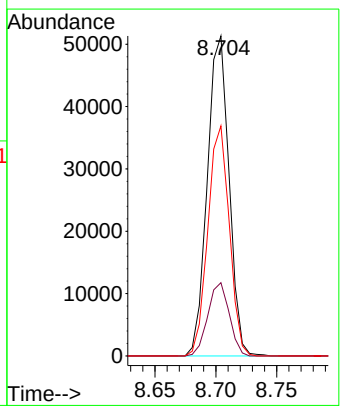


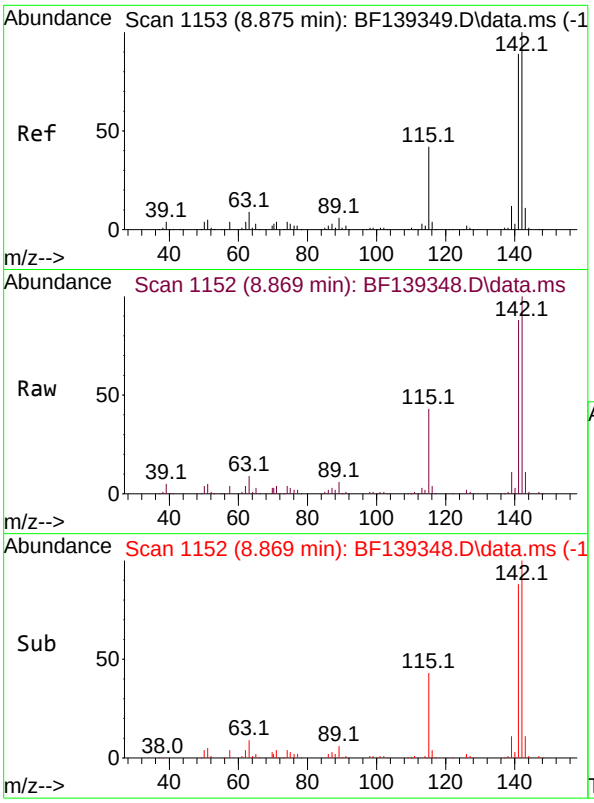


#36
4-Chloro-3-methylphenol
Concen: 22.523 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:107 Resp: 63754

Ion	Ratio	Lower	Upper
107	100		
144	22.9	17.5	26.3
142	71.9	55.8	83.8



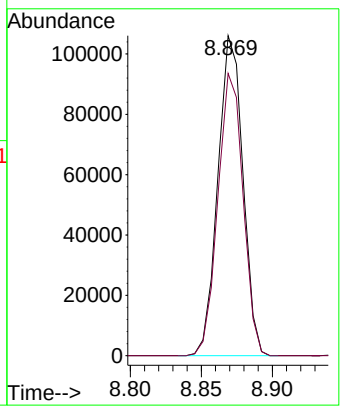


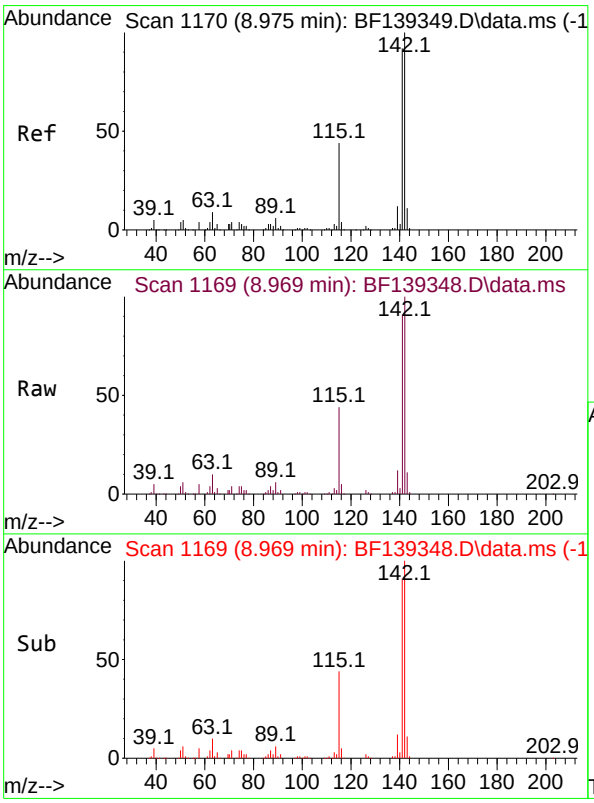
#37
2-Methylnaphthalene
Concen: 21.576 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 129773

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4

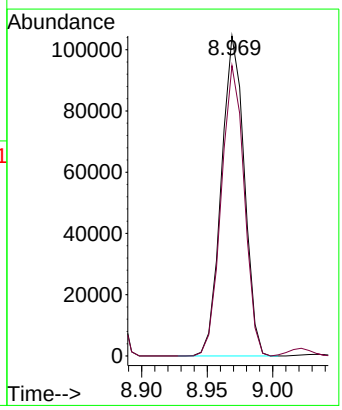


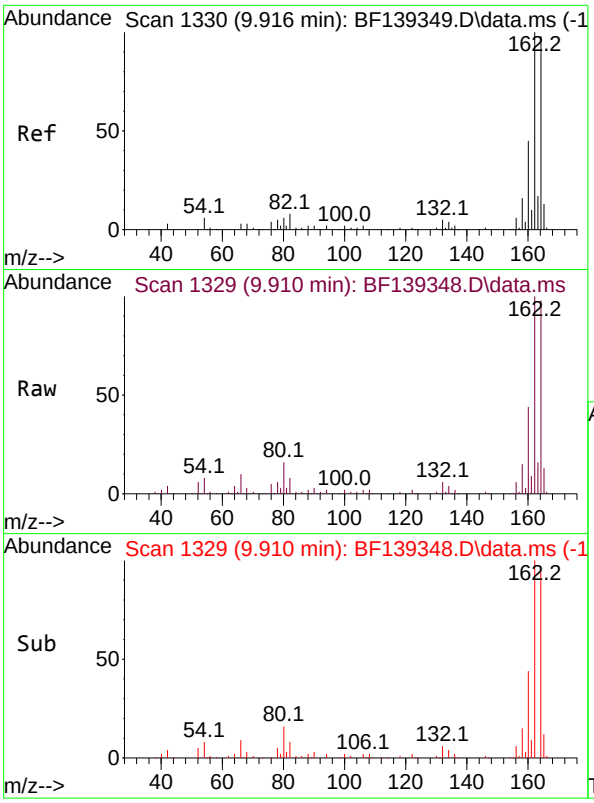


#38
1-Methylnaphthalene
Concen: 21.486 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:142 Resp: 127098

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



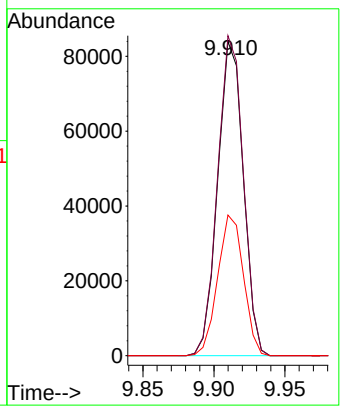


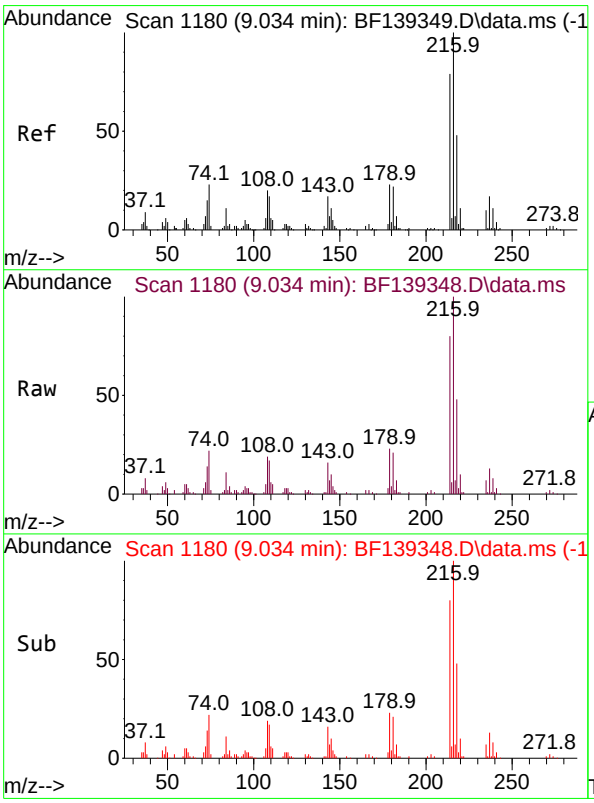
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 105260

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	44.8	36.4	54.6

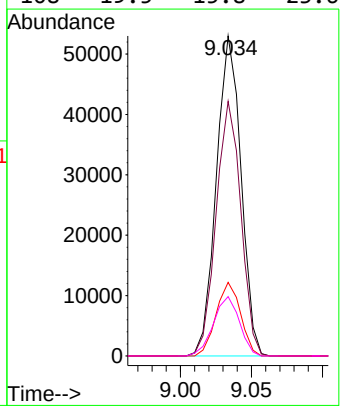


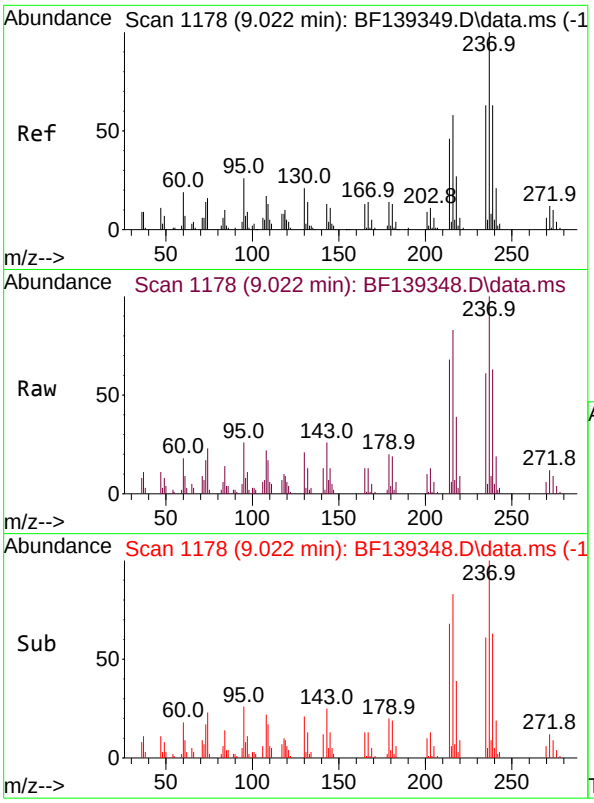


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.471 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:216 Resp: 63941

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.8	18.2	27.2
108	19.5	15.8	23.6



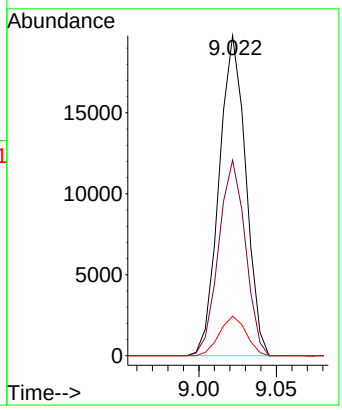


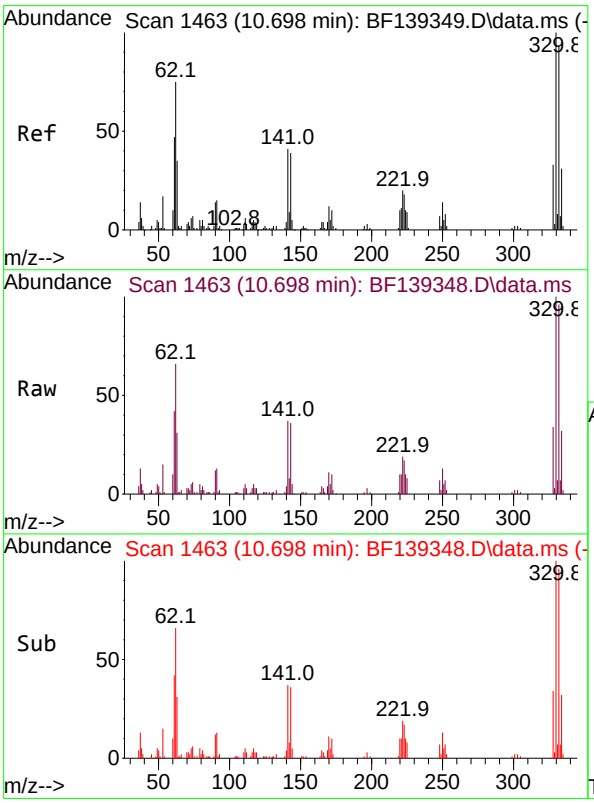
#41
Hexachlorocyclopentadiene
Concen: 24.662 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 23604

Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.7	82.7
272	12.4	0.0	32.5

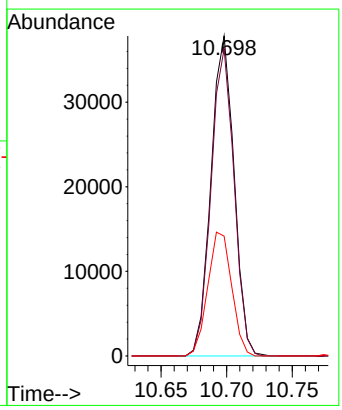


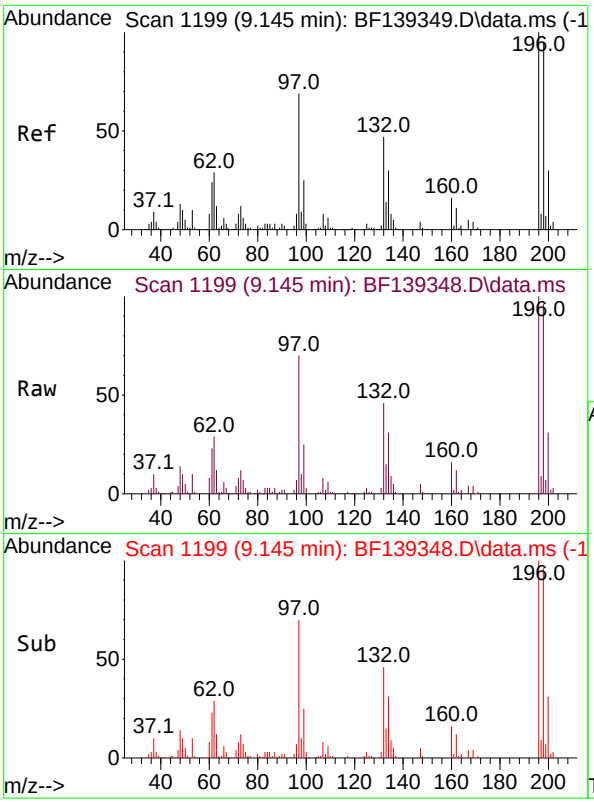


#42
2,4,6-Tribromophenol
Concen: 50.945 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:330 Resp: 46306

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.2	112.8
141	40.2	31.2	46.8



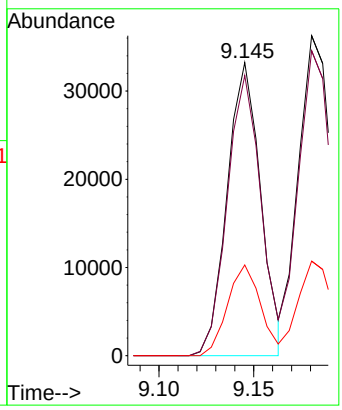


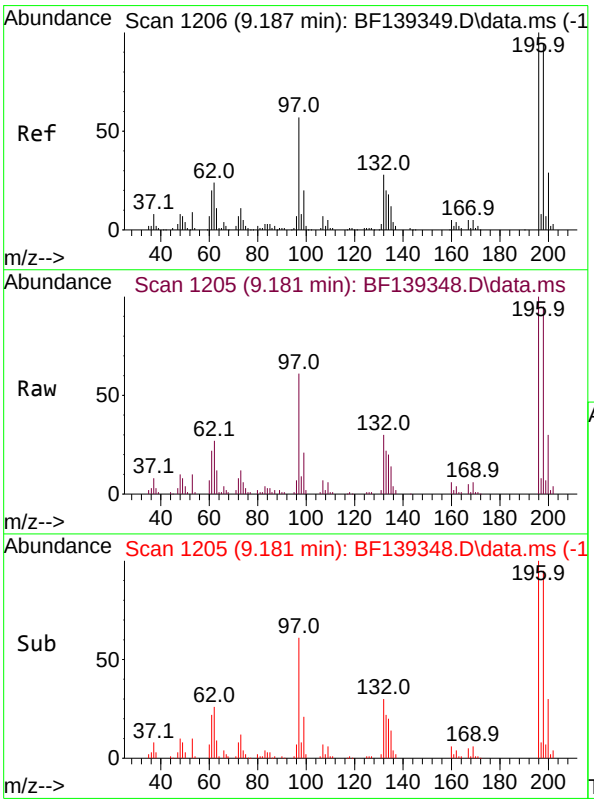
#43
2,4,6-Trichlorophenol
Concen: 20.958 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 40837

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.8	113.6
200	31.0	24.1	36.1

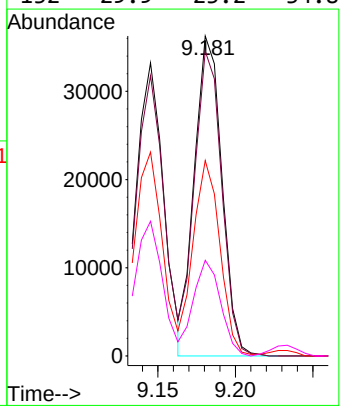


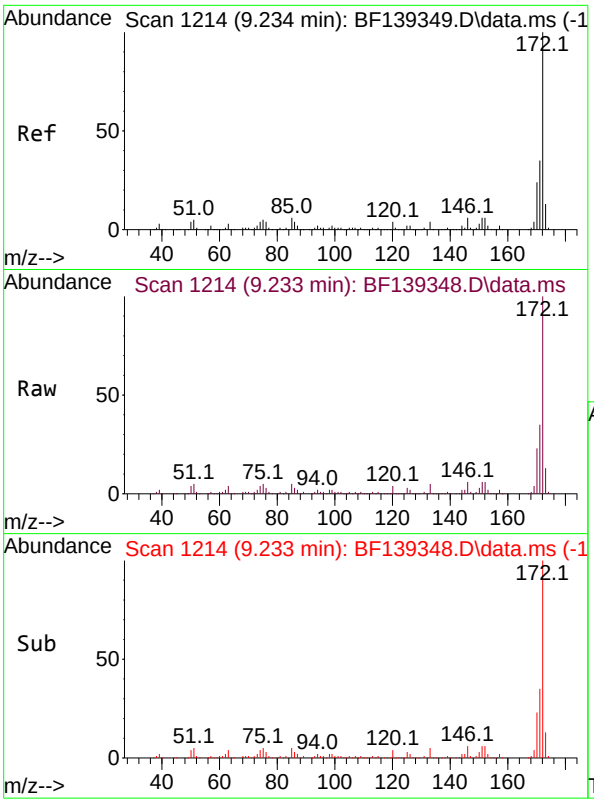


#44
2,4,5-Trichlorophenol
Concen: 21.977 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:196 Resp: 44874

Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.8	112.2
97	61.1	47.3	70.9
132	29.9	23.2	34.8



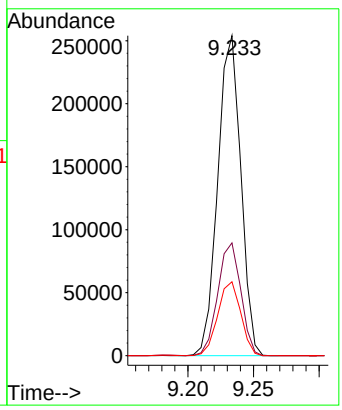


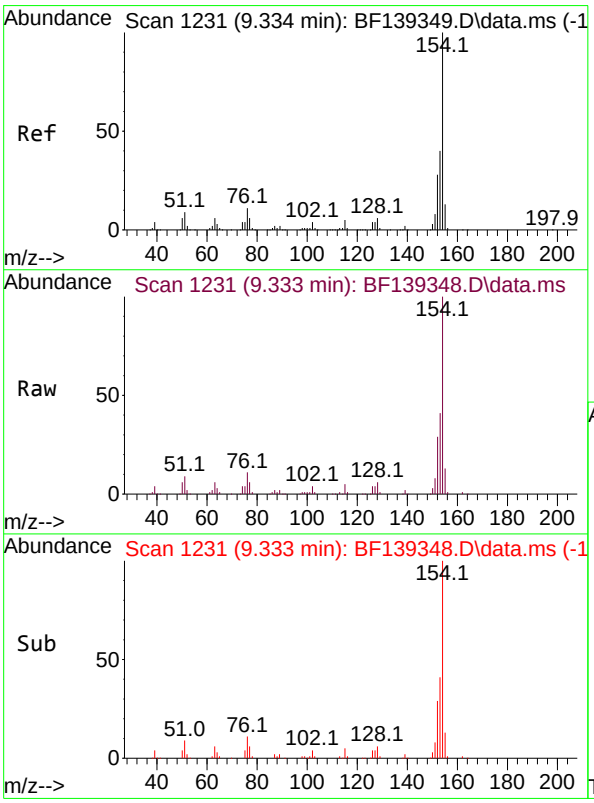
#45
2-Fluorobiphenyl
Concen: 45.491 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 310200

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.1	19.0	28.6

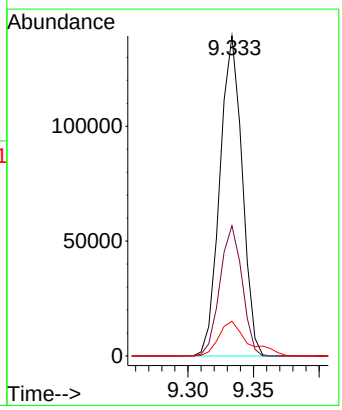


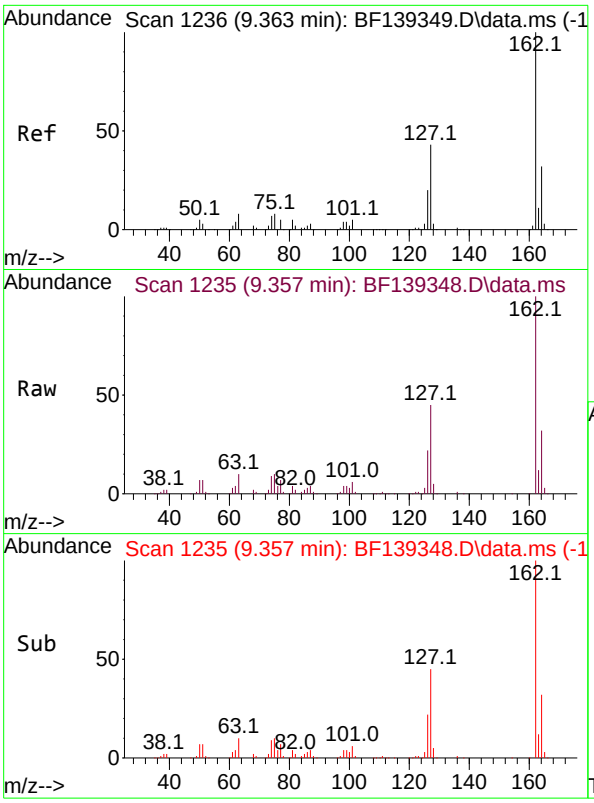


#46
1,1'-Biphenyl
Concen: 21.141 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:154 Resp: 164874

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.1	60.1
76	10.8	0.0	31.1



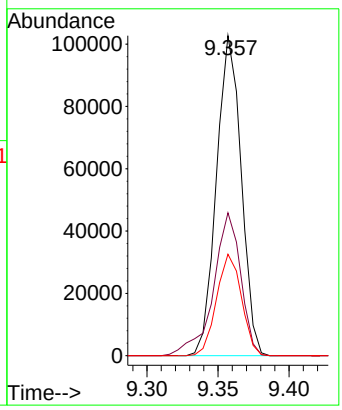


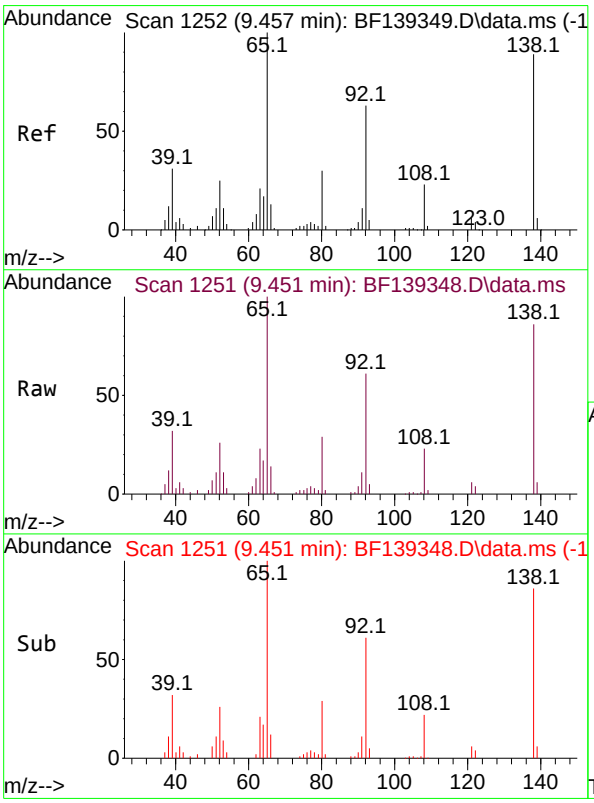
#47
2-Chloronaphthalene
Concen: 21.111 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 124318

Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.0	52.4
164	31.7	25.8	38.6

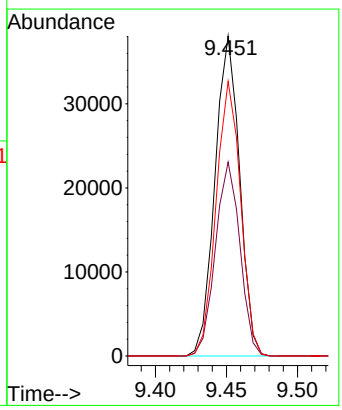


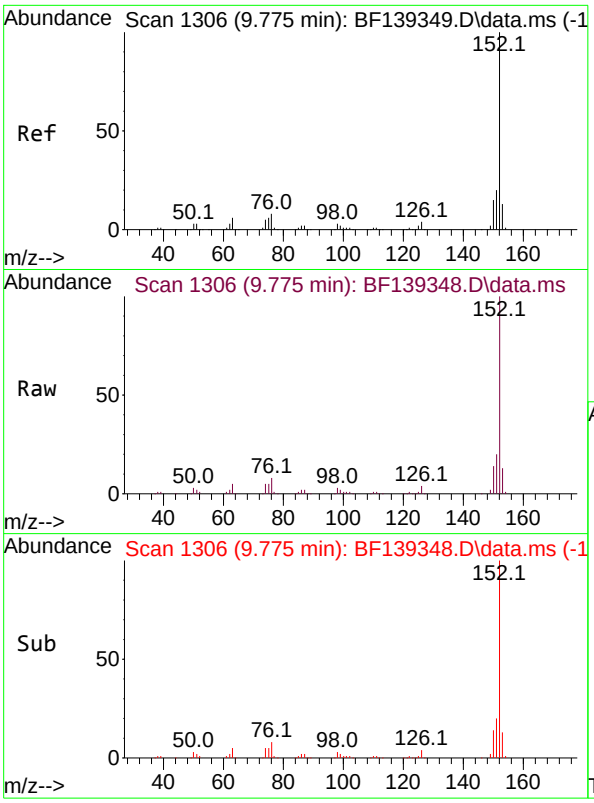


#48
2-Nitroaniline
Concen: 22.619 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 65 Resp: 45879

Ion	Ratio	Lower	Upper
65	100		
92	60.6	50.3	75.5
138	85.8	71.3	106.9



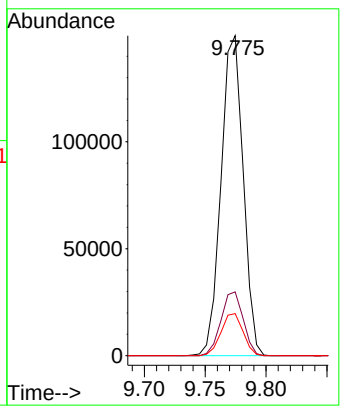


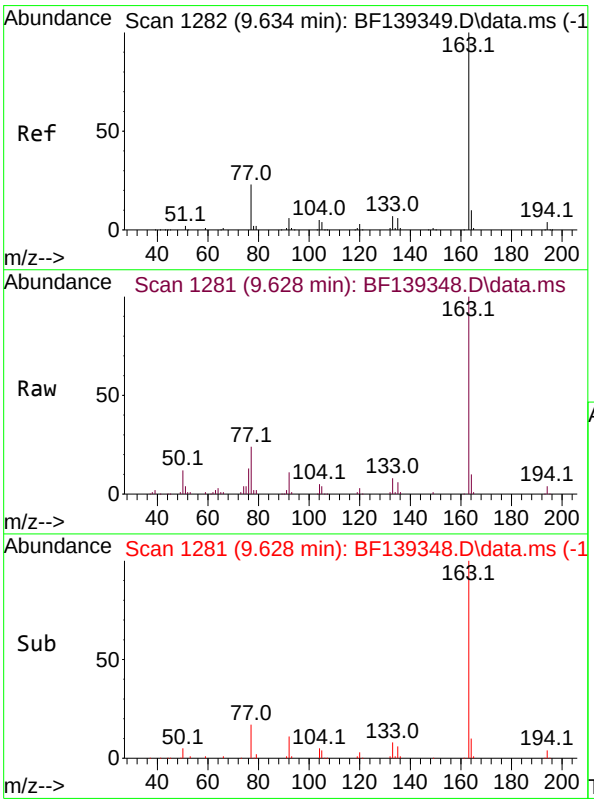
#49
Acenaphthylene
Concen: 21.347 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 189337

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.2	10.3	15.5

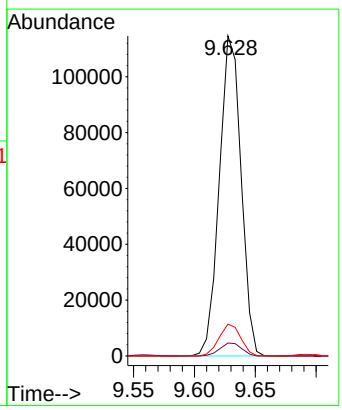


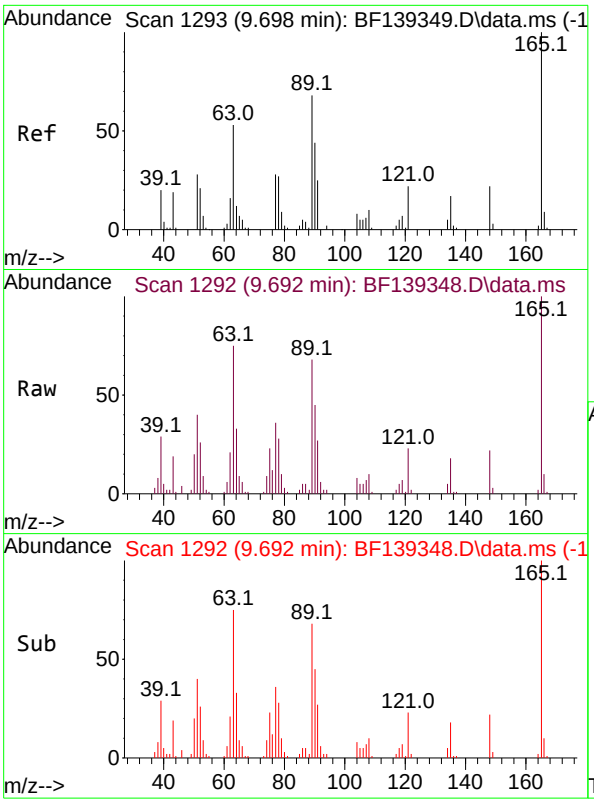


#50
Dimethylphthalate
Concen: 22.334 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:163 Resp: 142488

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.2	12.2



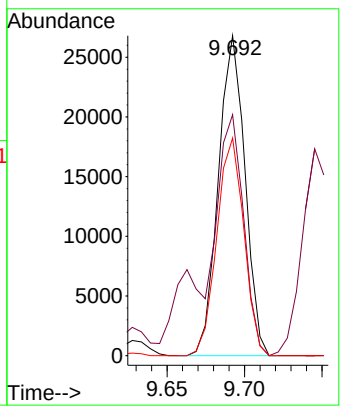


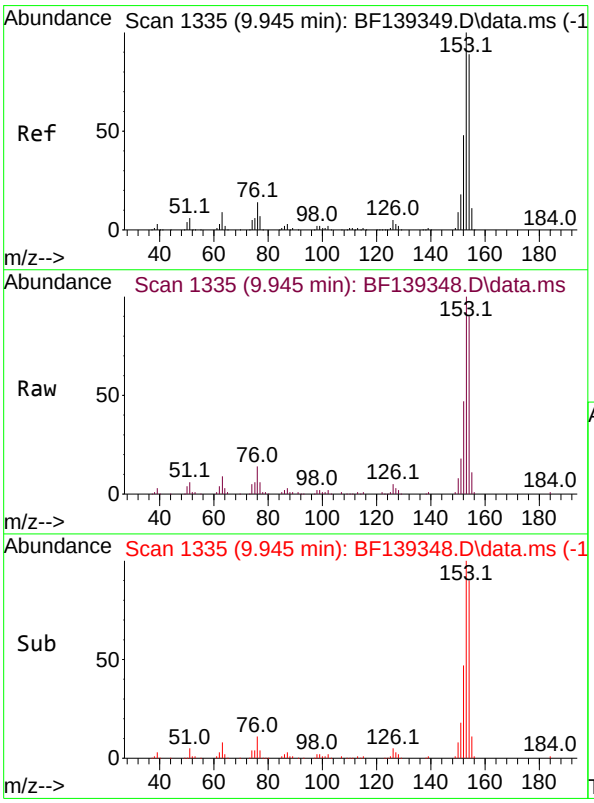
#51
2,6-Dinitrotoluene
Concen: 22.057 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 31924

Ion	Ratio	Lower	Upper
165	100		
63	75.3	60.9	91.3
89	68.0	54.7	82.1

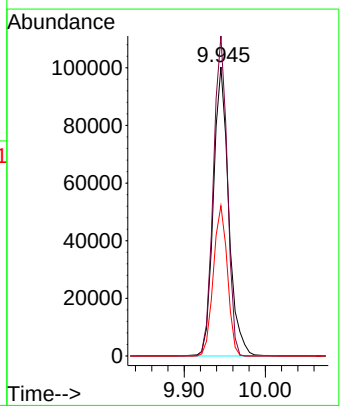


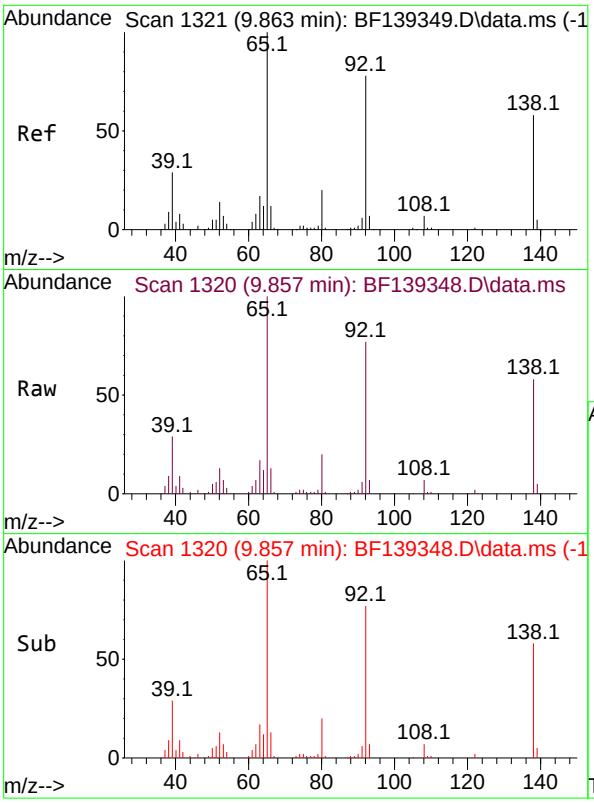


#52
Acenaphthene
Concen: 22.302 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:154 Resp: 131194

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.5	134.3
152	52.0	42.6	64.0



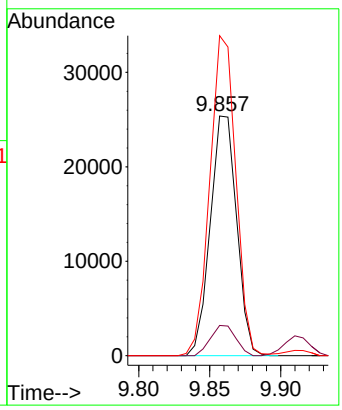


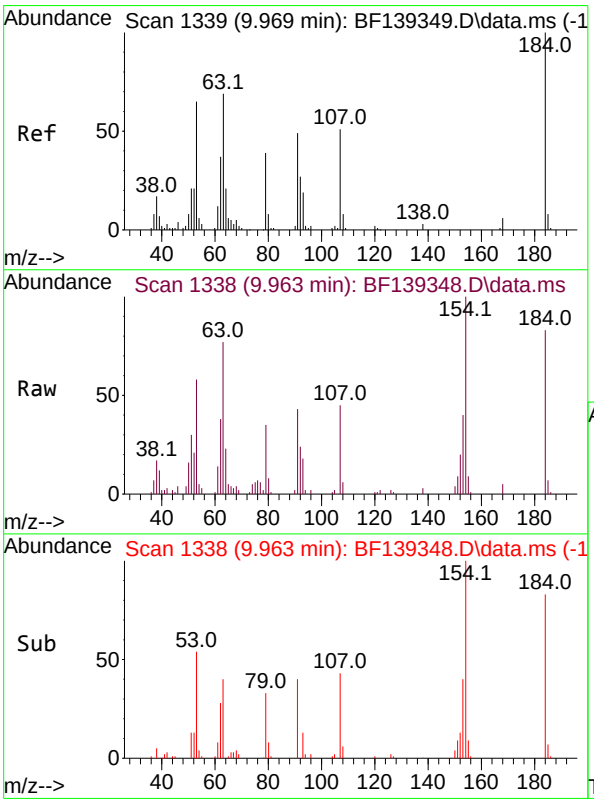
#53
3-Nitroaniline
Concen: 21.253 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 32773

Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.8	14.8
92	133.5	107.4	161.2

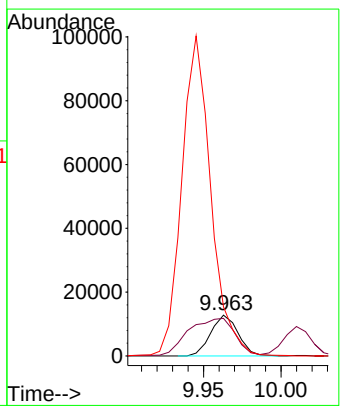


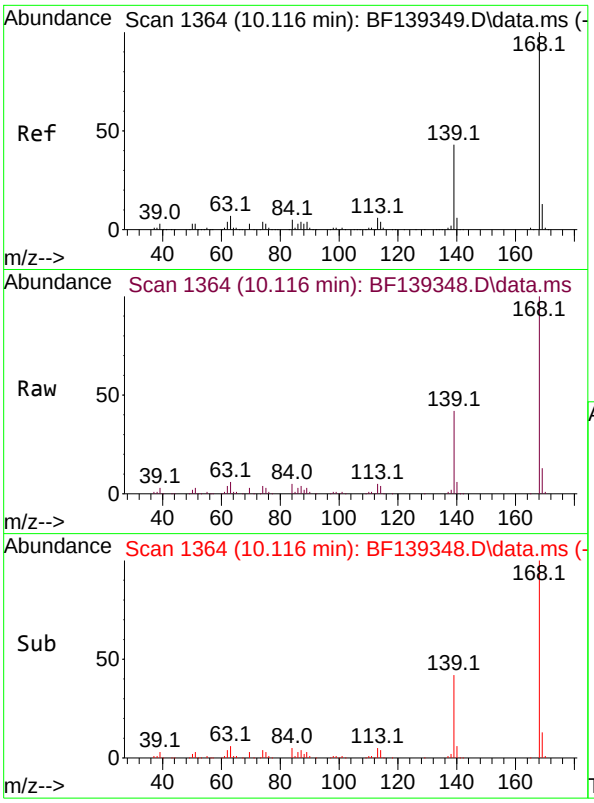


#54
2,4-Dinitrophenol
Concen: 25.295 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:184 Resp: 15677

Ion	Ratio	Lower	Upper
184	100		
63	92.1	69.3	103.9
154	120.2	67.5	101.3#



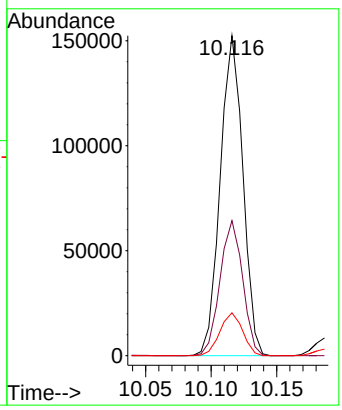


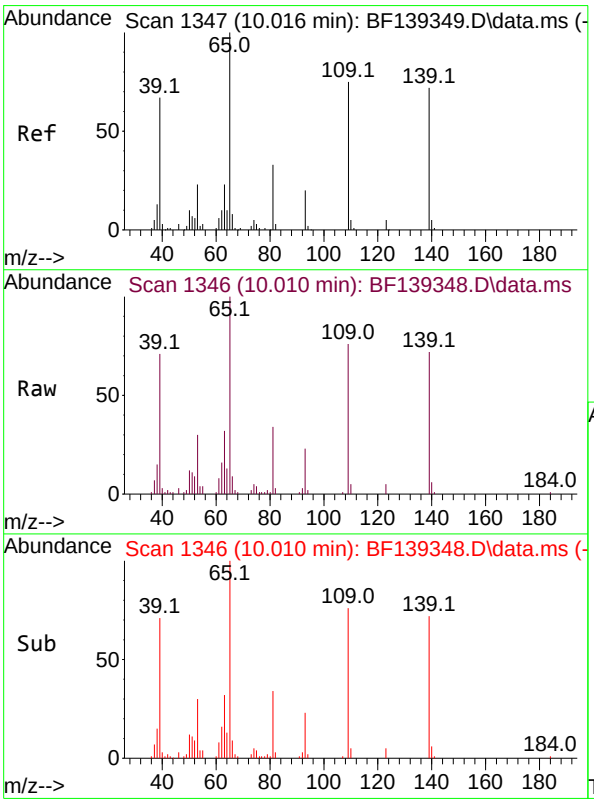
#55
Dibenzofuran
Concen: 21.691 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 182945

Ion	Ratio	Lower	Upper
168	100		
139	42.2	34.1	51.1
169	13.4	10.5	15.7

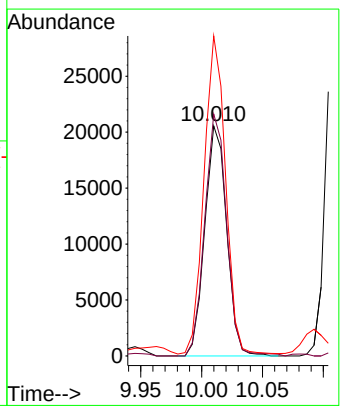


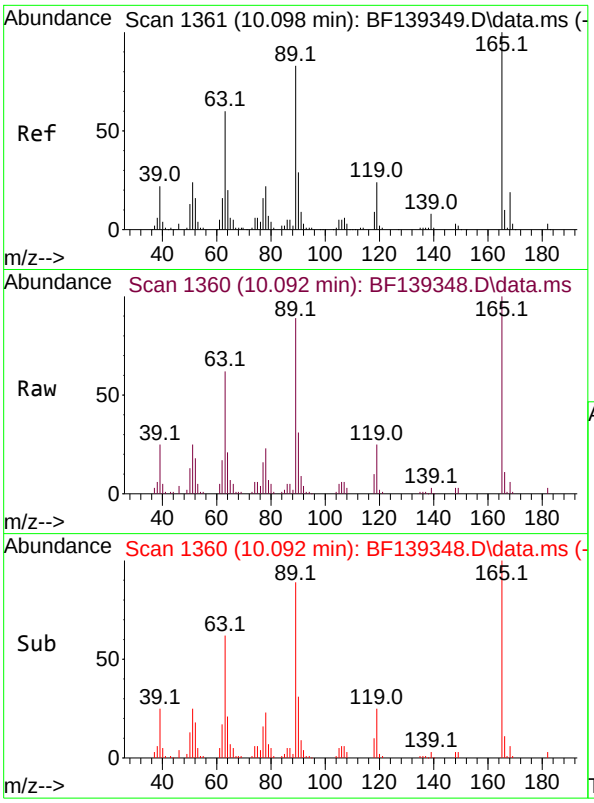


#56
4-Nitrophenol
Concen: 22.515 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 25626

Ion	Ratio	Lower	Upper
139	100		
109	105.1	84.1	124.1
65	139.1	120.0	160.0



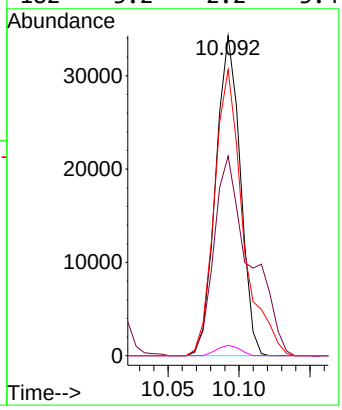


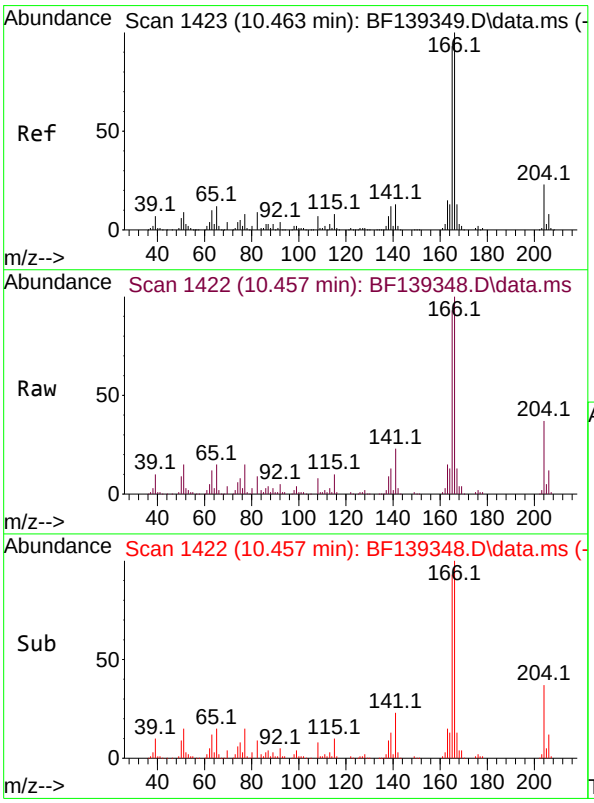
#57
2,4-Dinitrotoluene
Concen: 22.355 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 41181

Ion	Ratio	Lower	Upper
165	100		
63	62.4	47.8	71.6
89	89.4	66.7	100.1
182	3.2	2.2	3.4

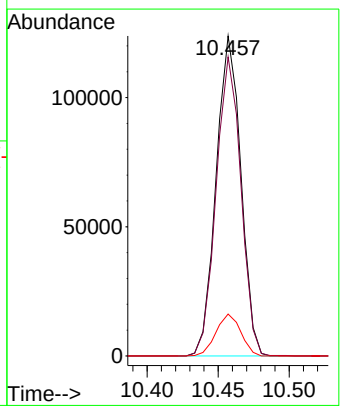


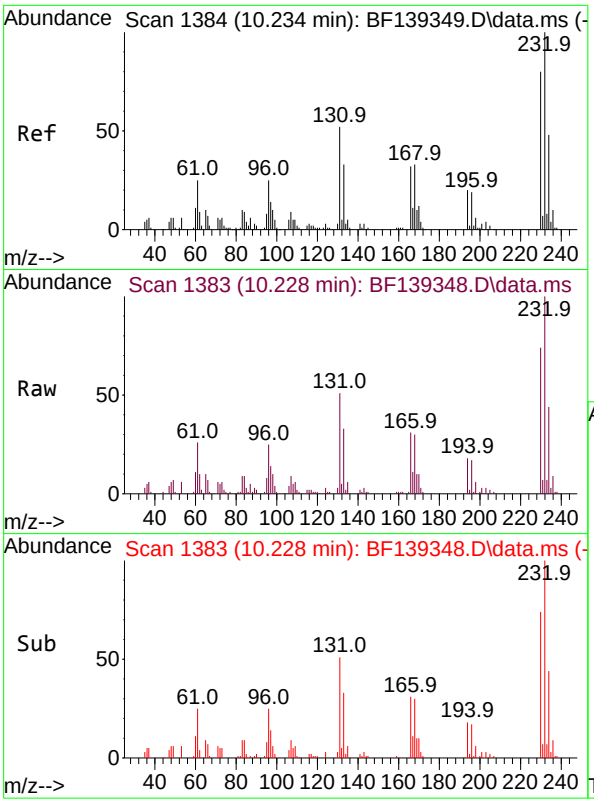


#58
Fluorene
Concen: 22.915 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:166 Resp: 149842

Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.5	111.7
167	13.1	10.6	16.0



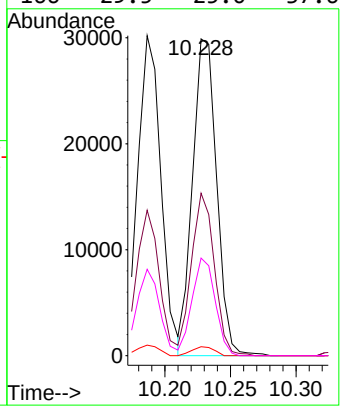


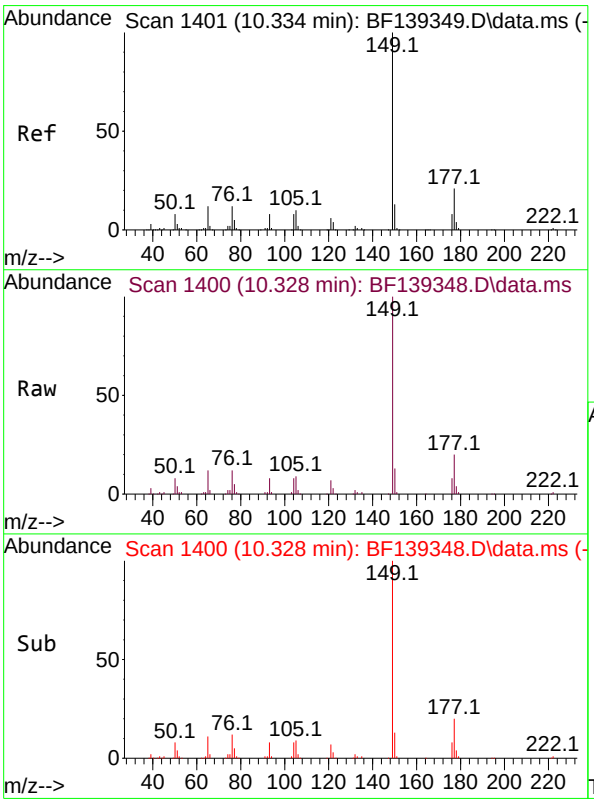
#59
2,3,4,6-Tetrachlorophenol
Concen: 23.811 ng
RT: 10.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 38272

Ion	Ratio	Lower	Upper
232	100		
131	48.6	40.7	61.1
130	2.6	2.2	3.2
166	29.5	25.0	37.6

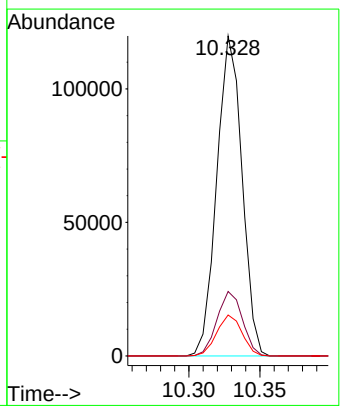


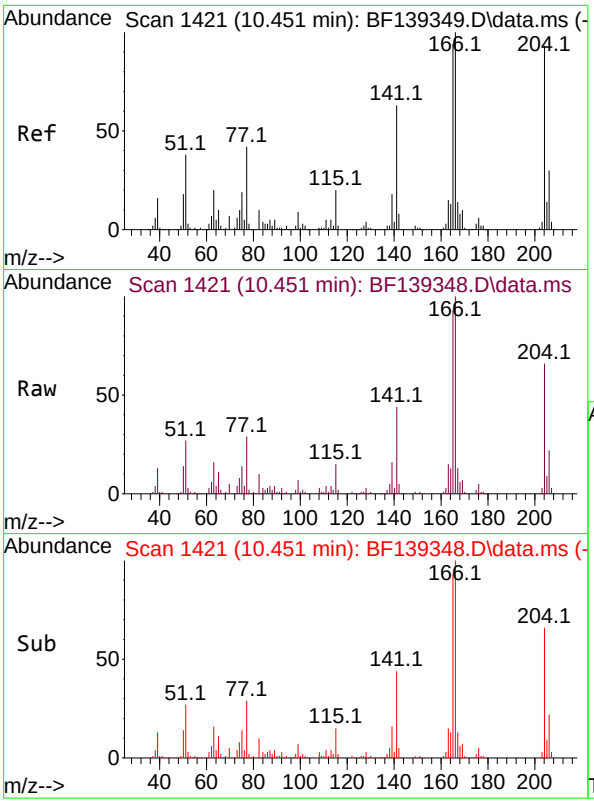


#60
Diethylphthalate
Concen: 23.553 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 147877

Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.6	24.8
150	12.8	10.6	15.8



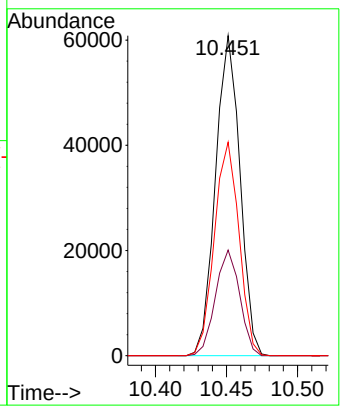


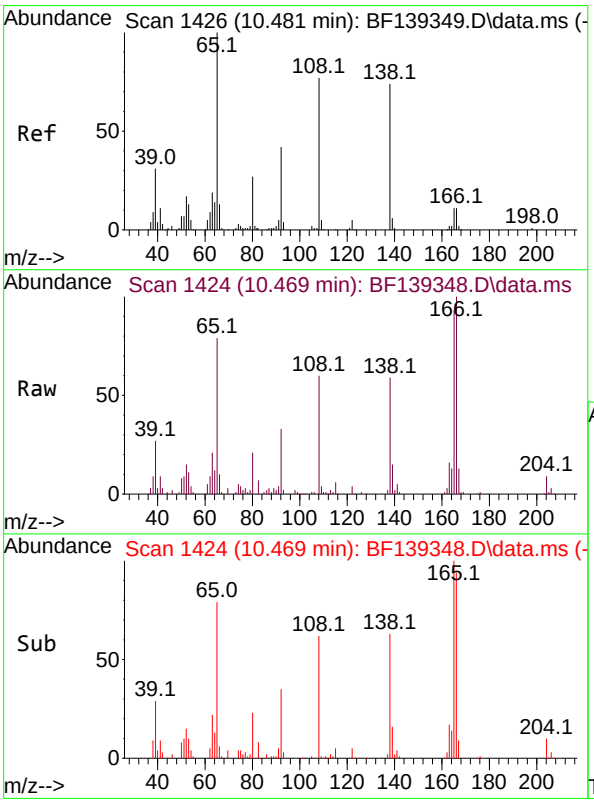
#61
4-Chlorophenyl-phenylether
Concen: 23.079 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 72779

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	66.7	53.9	80.9

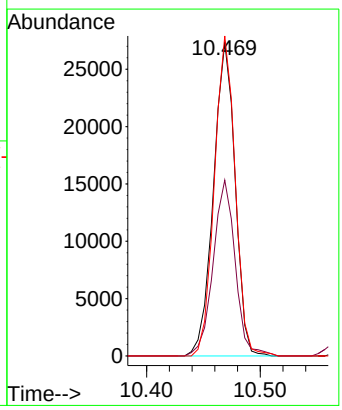


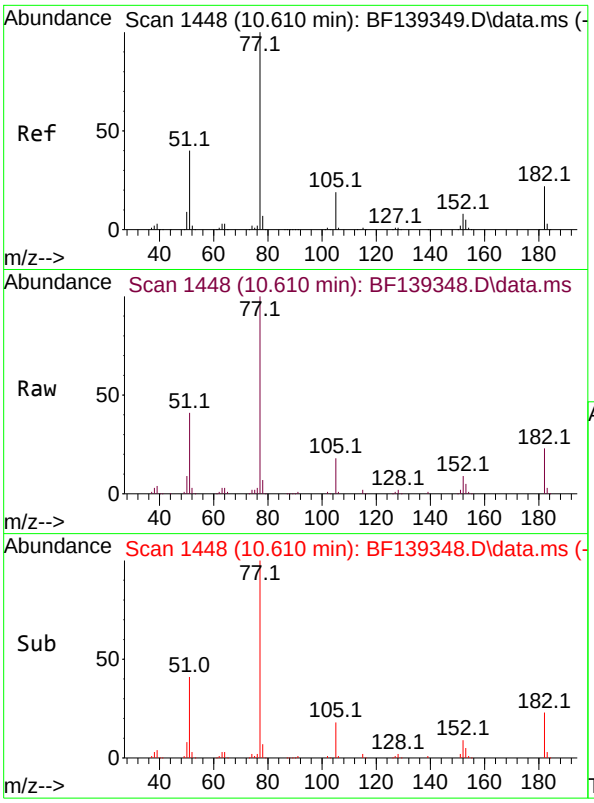


#62
4-Nitroaniline
Concen: 24.679 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:138 Resp: 36226

Ion	Ratio	Lower	Upper
138	100		
92	56.1	37.0	77.0
108	102.1	84.4	124.4



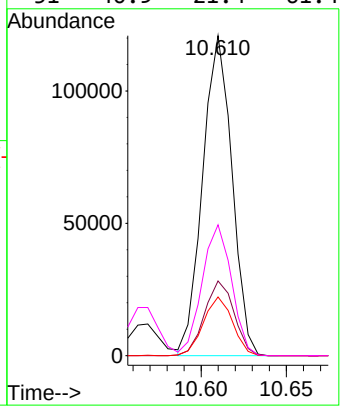


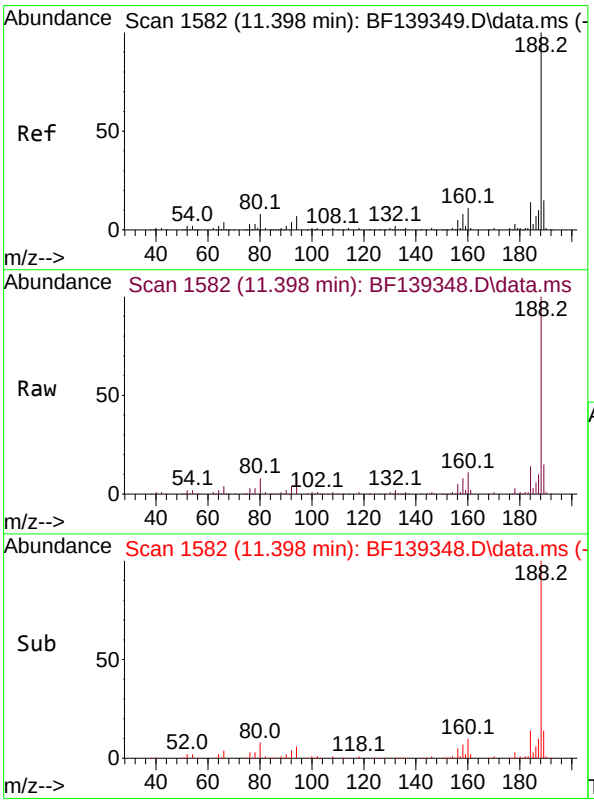
#63
Azobenzene
Concen: 21.869 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 144713

Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.8	41.8
105	18.3	0.0	38.6
51	40.9	21.4	61.4

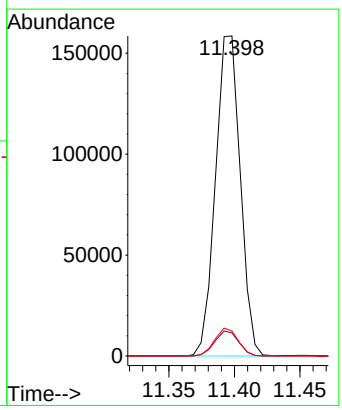


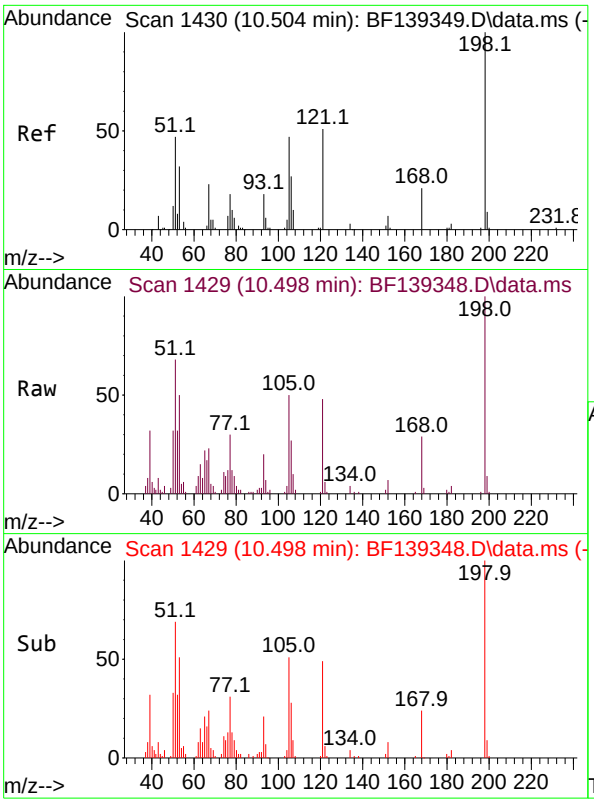


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:188 Resp: 208290

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	7.8	6.6	9.8



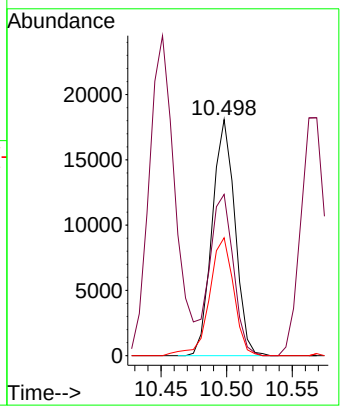


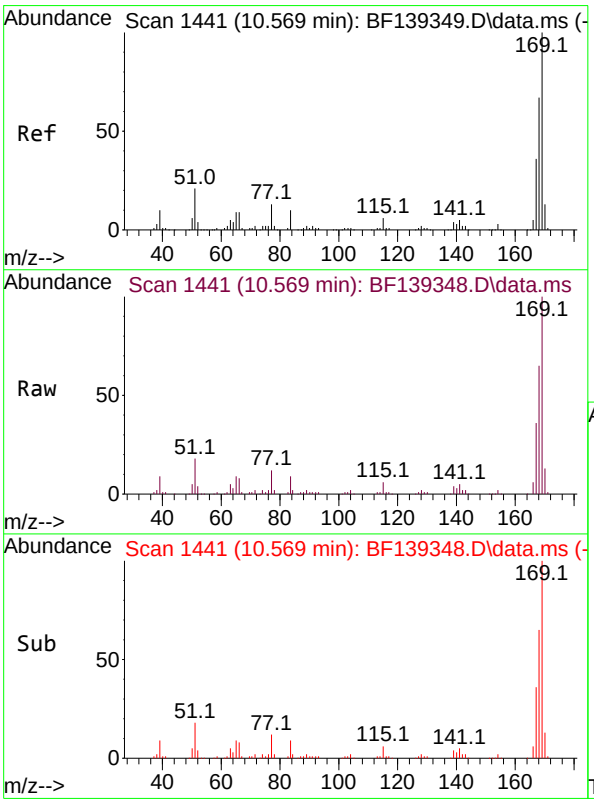
#65
4,6-Dinitro-2-methylphenol
Concen: 22.648 ng
RT: 10.498 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 21797

Ion	Ratio	Lower	Upper
198	100		
51	68.3	50.4	90.4
105	49.9	28.3	68.3

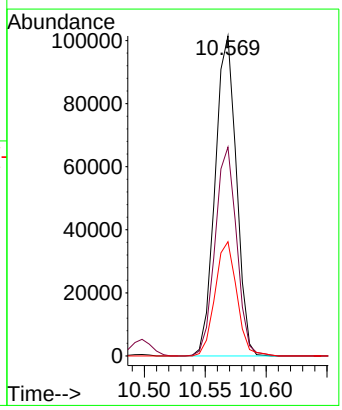


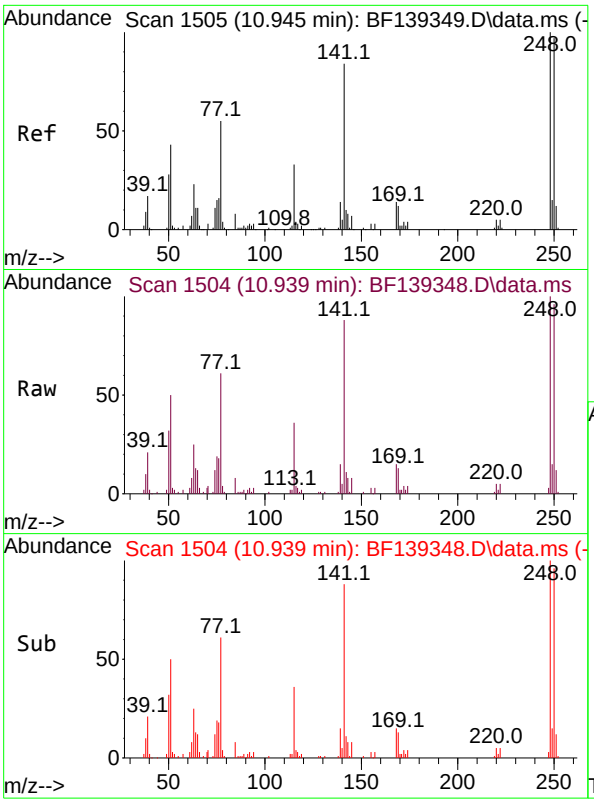


#66
n-Nitrosodiphenylamine
Concen: 20.356 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:169 Resp: 123420

Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.6	80.4
167	35.7	28.7	43.1



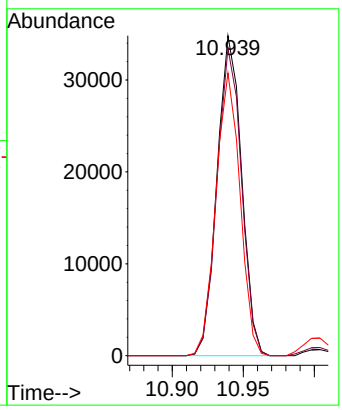


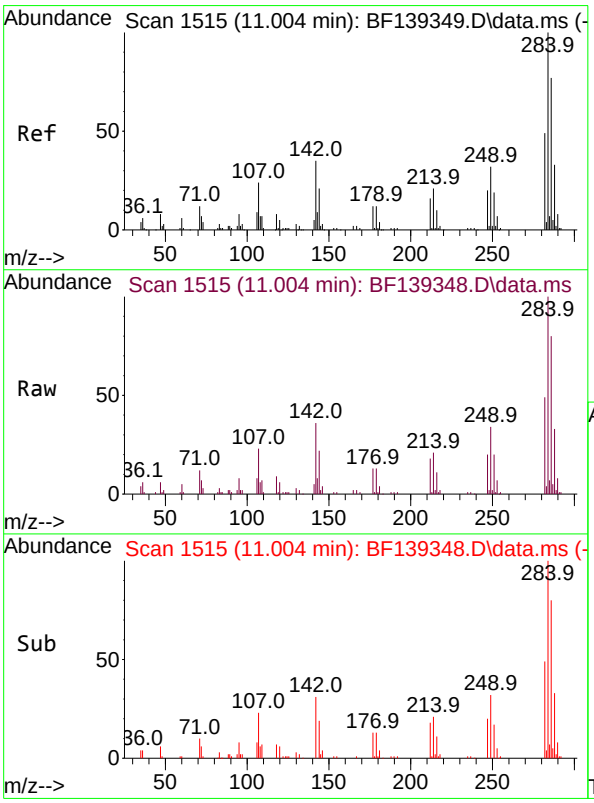
#67
4-Bromophenyl-phenylether
Concen: 20.713 ng
RT: 10.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 41859

Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.6	116.4
141	88.4	66.9	100.3

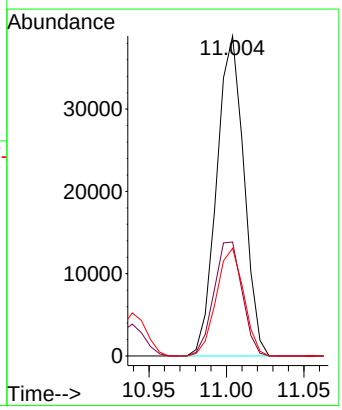


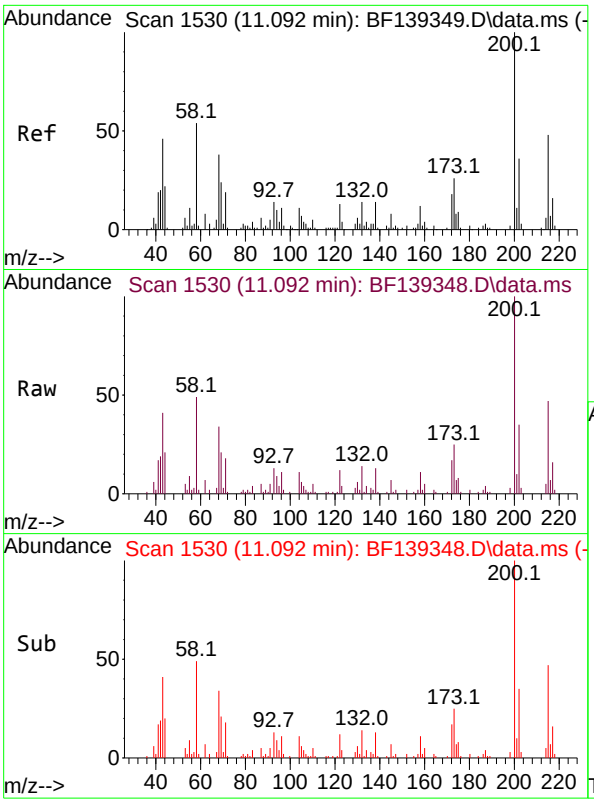


#68
Hexachlorobenzene
Concen: 20.548 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:284 Resp: 47538

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.0	42.0
249	33.6	25.3	37.9



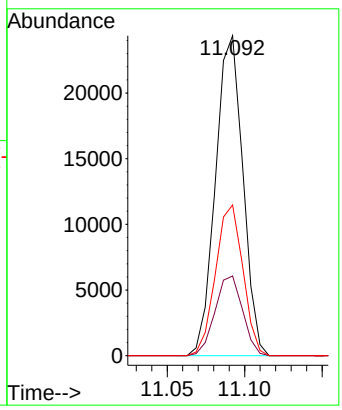


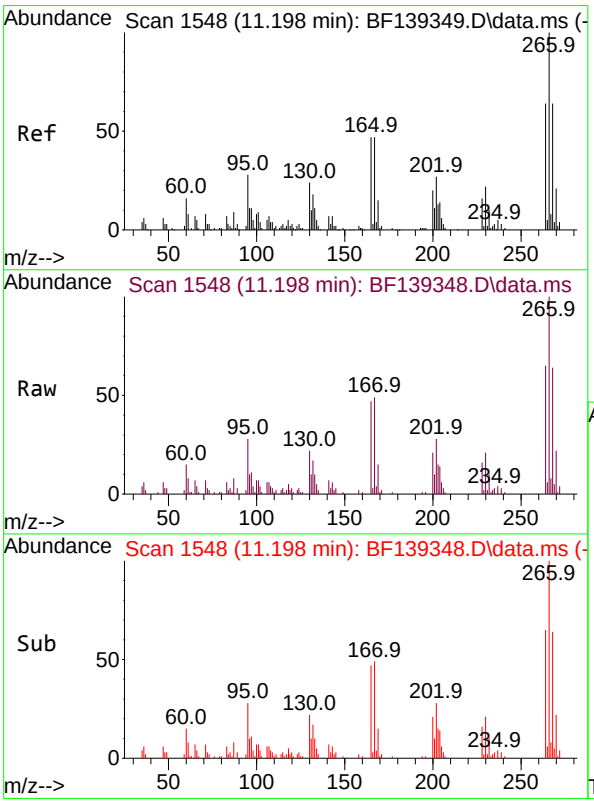
#69
Atrazine
Concen: 21.426 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 29971

Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.1	46.1
215	47.1	28.2	68.2

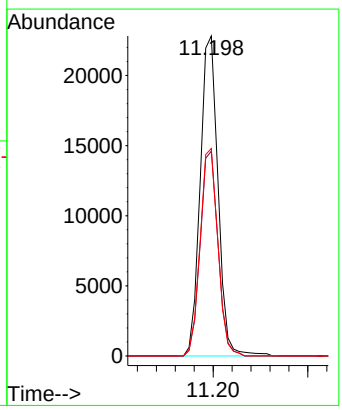


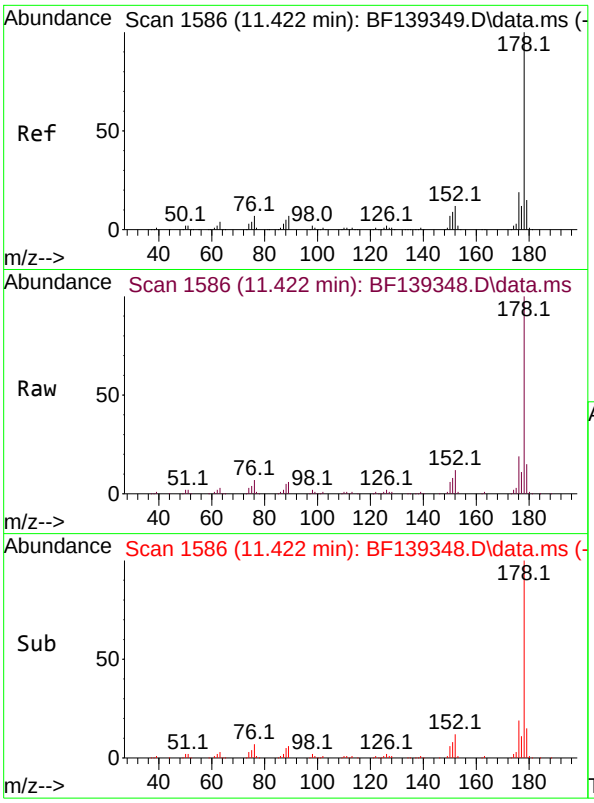


#70
Pentachlorophenol
Concen: 22.302 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:266 Resp: 29804

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	64.9	51.4	77.0



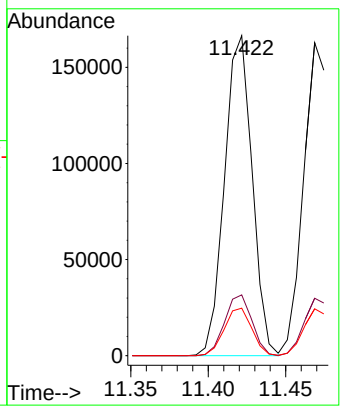


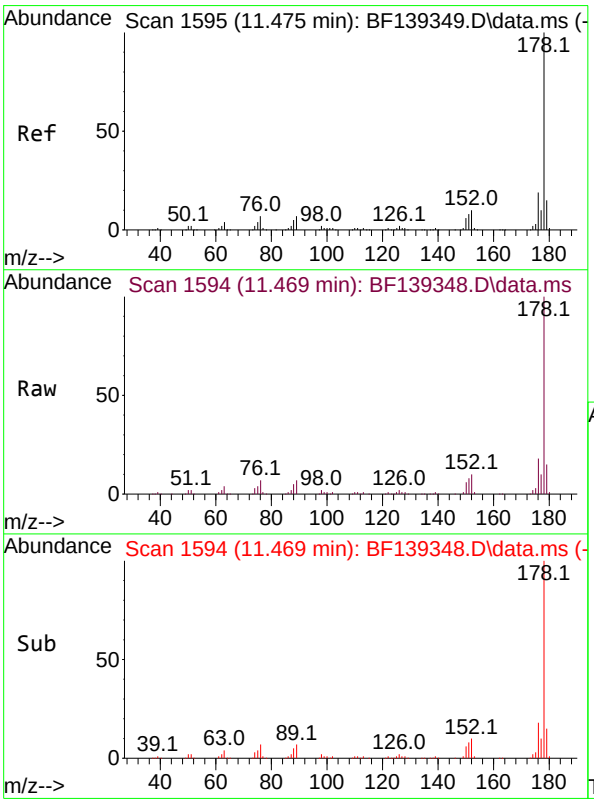
#71
Phenanthrene
Concen: 21.224 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 206521

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	14.8	12.2	18.4

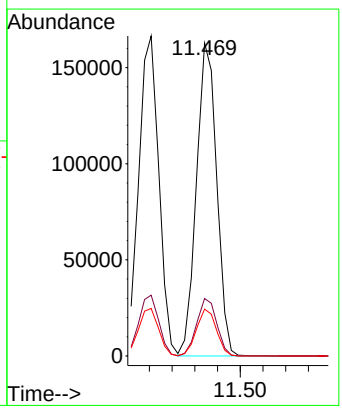


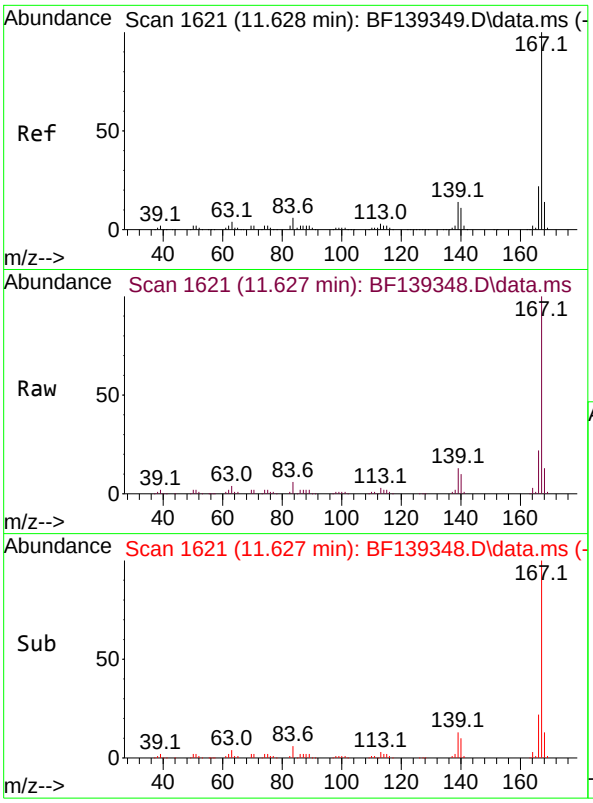


#72
Anthracene
Concen: 21.269 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:178 Resp: 202170

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.0	12.0	18.0



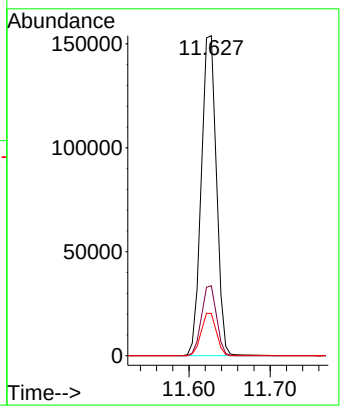


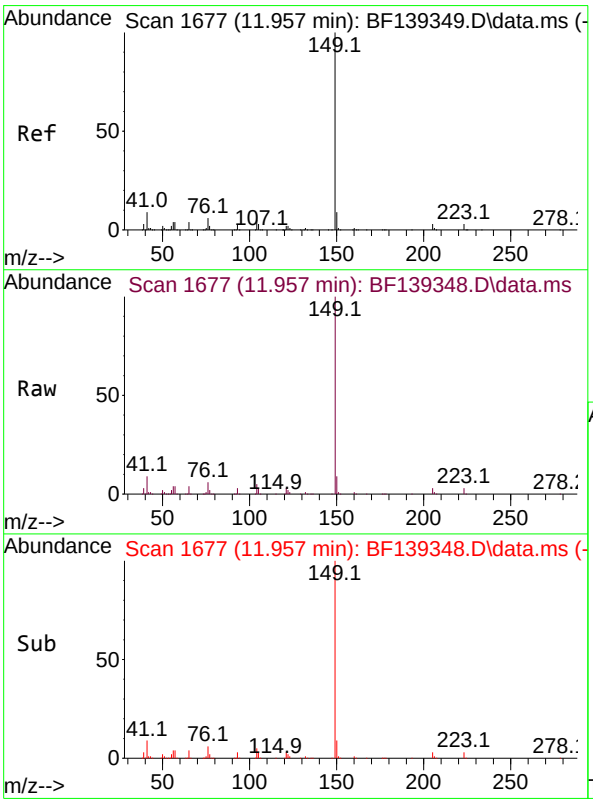
#73
Carbazole
Concen: 22.466 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 199586

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.2	10.9	16.3

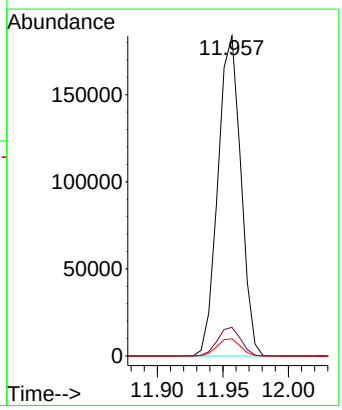


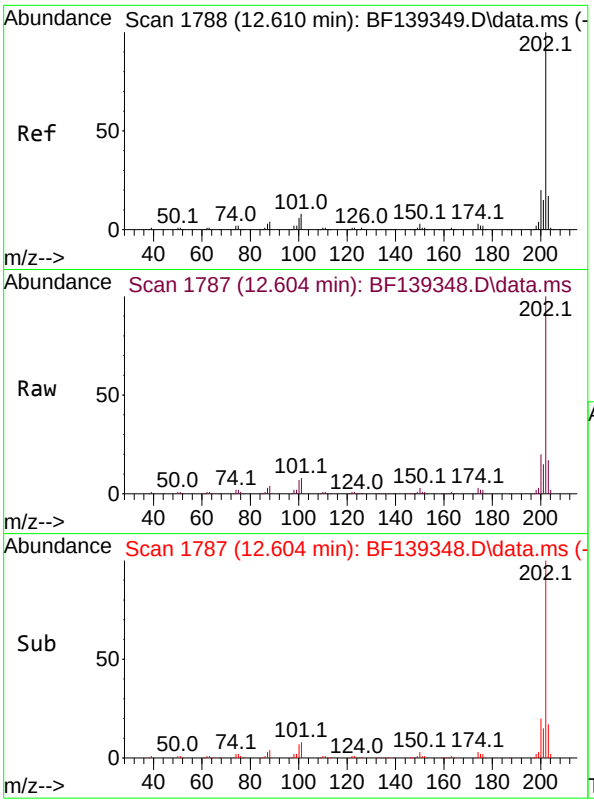


#74
Di-n-butylphthalate
Concen: 24.566 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 223465

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.4	4.3	6.5



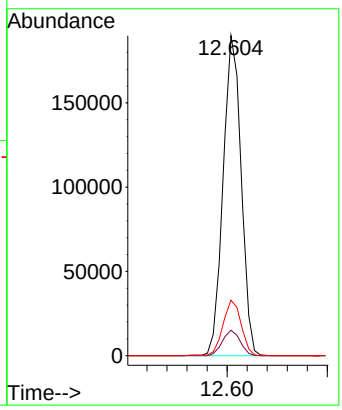


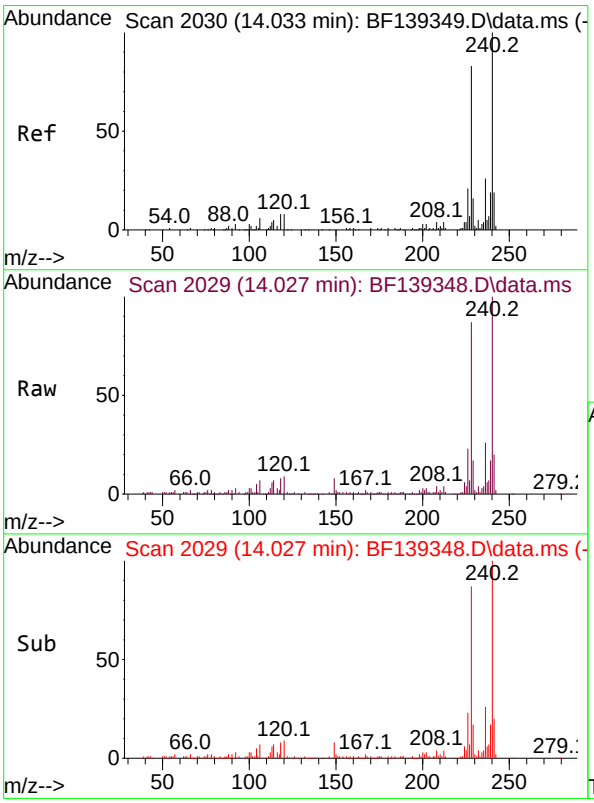
#75
Fluoranthene
Concen: 24.268 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 236740

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.7
203	17.4	0.0	37.4

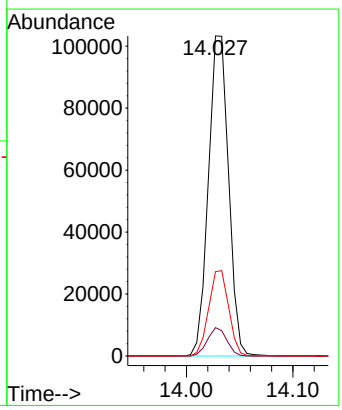


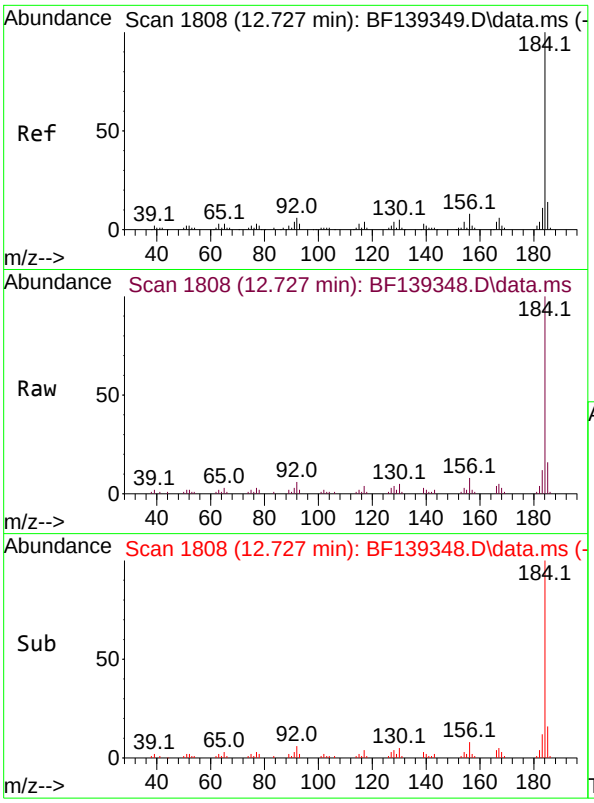


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:240 Resp: 135891

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.2	9.2
236	26.4	20.9	31.3



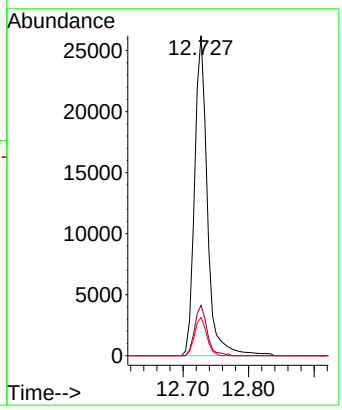


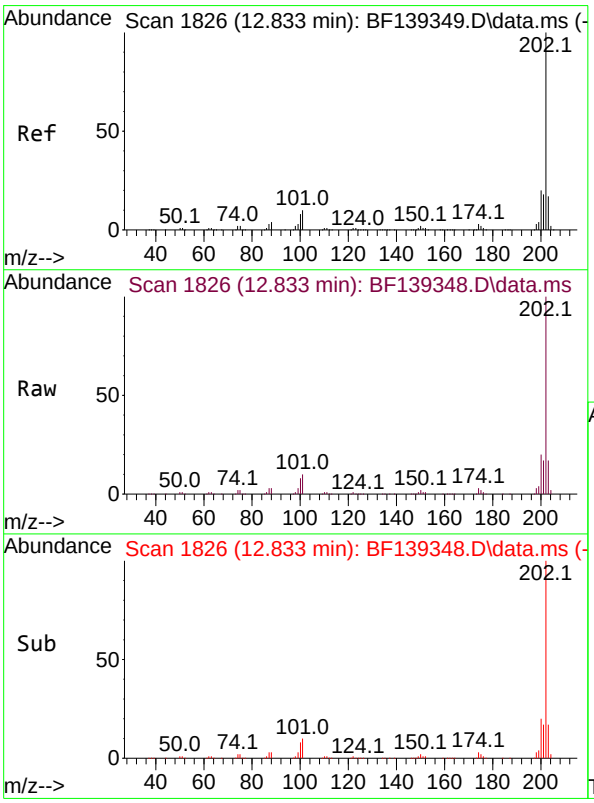
#77
Benzidine
Concen: 13.034 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 35663

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.5	17.3
183	12.0	8.9	13.3

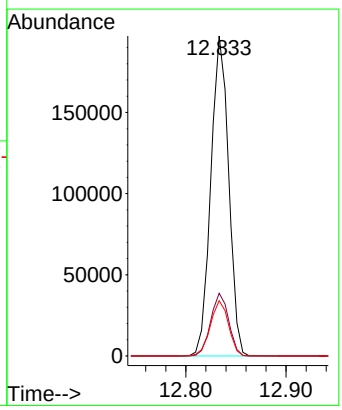


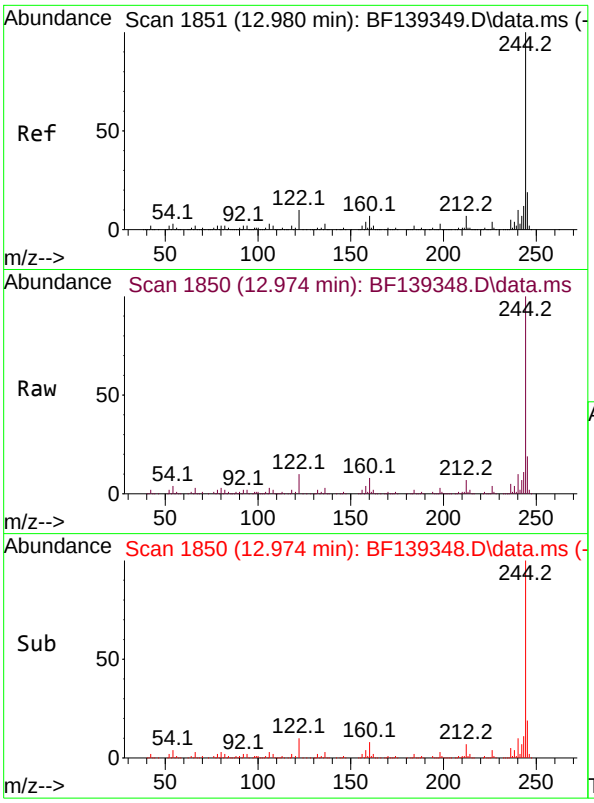


#78
Pyrene
Concen: 18.536 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:202 Resp: 243332

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.2	24.2
203	17.2	13.9	20.9



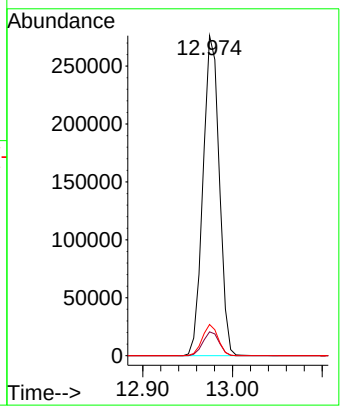


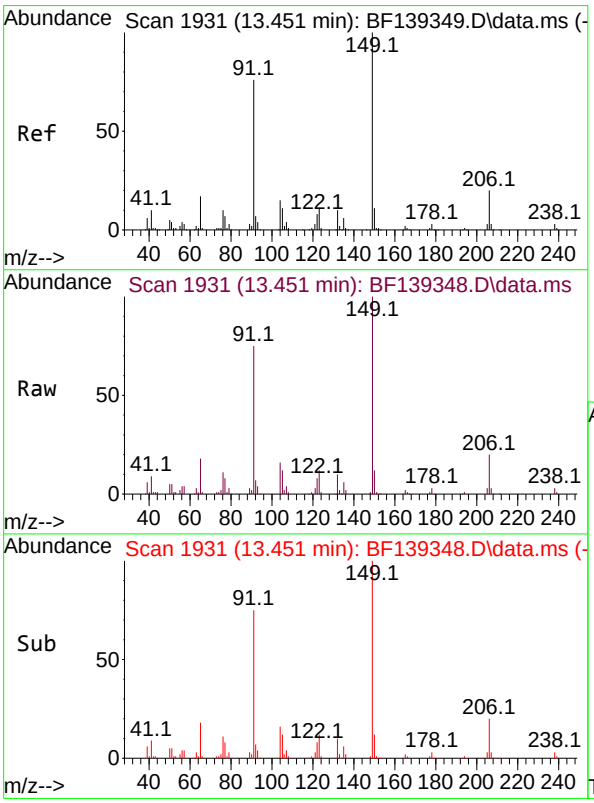
#79
Terphenyl-d14
Concen: 41.382 ng
RT: 12.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 348294

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.8	7.6	11.4

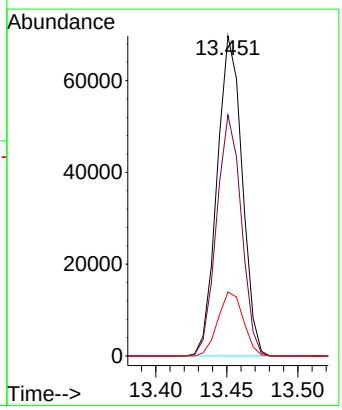


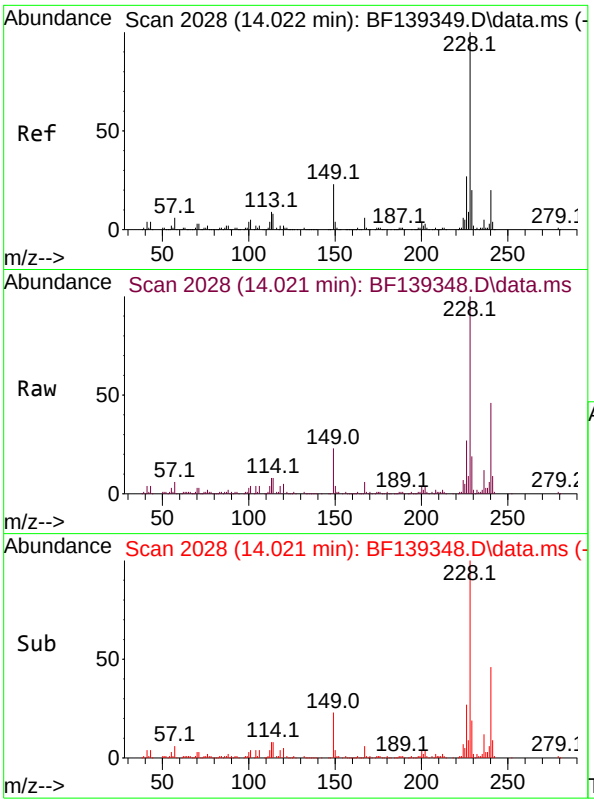


#80
Butylbenzylphthalate
Concen: 27.698 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 85593

Ion	Ratio	Lower	Upper
149	100		
91	75.3	60.9	91.3
206	20.0	15.8	23.8



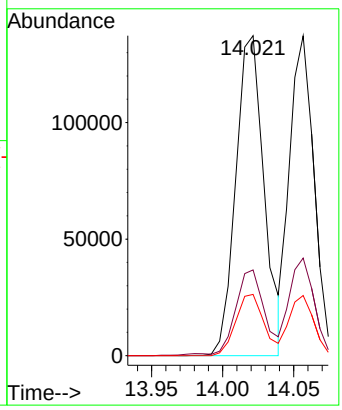


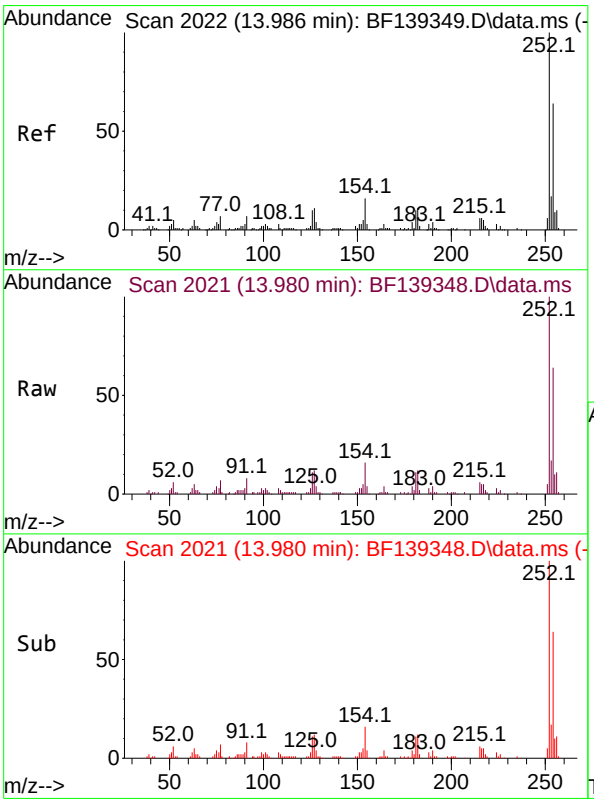
#81
Benzo(a)anthracene
Concen: 21.984 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 190760

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	19.2	15.7	23.5

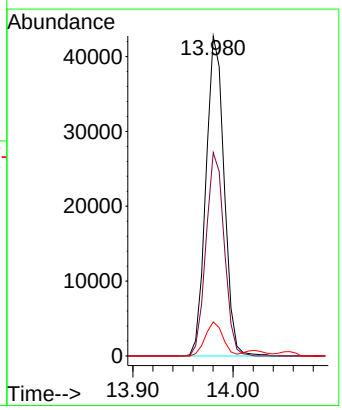


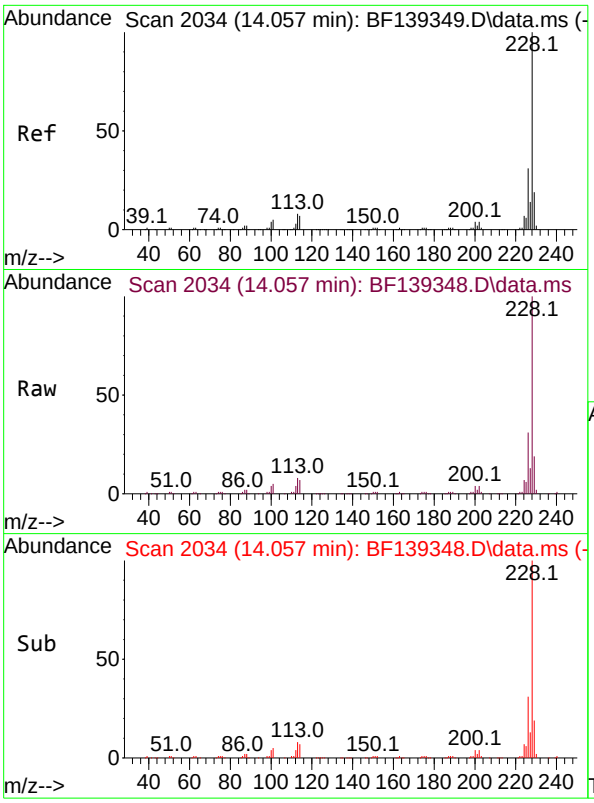


#82
3,3'-Dichlorobenzidine
Concen: 23.362 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:252 Resp: 53835

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	10.7	7.7	11.5



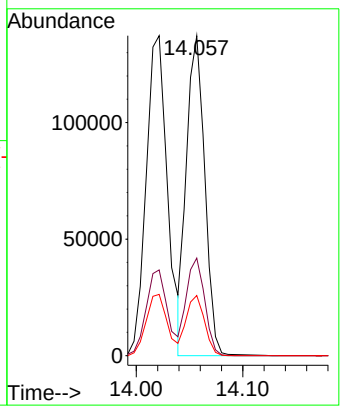


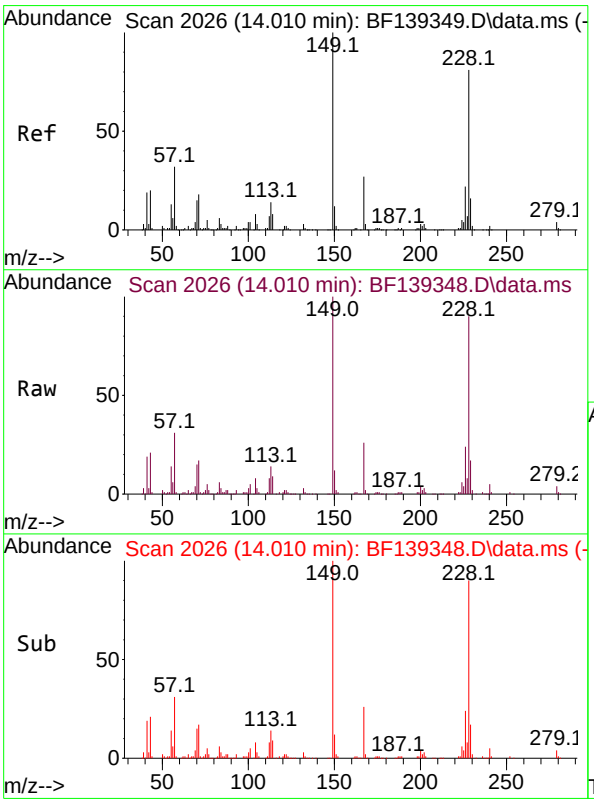
#83
Chrysene
Concen: 20.240 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 163920

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	18.8	15.4	23.0

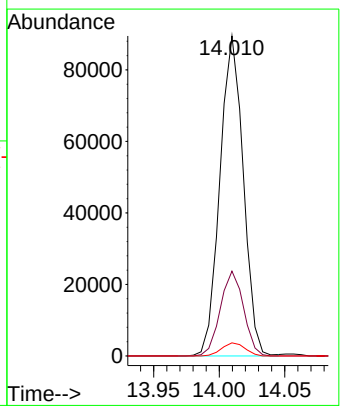


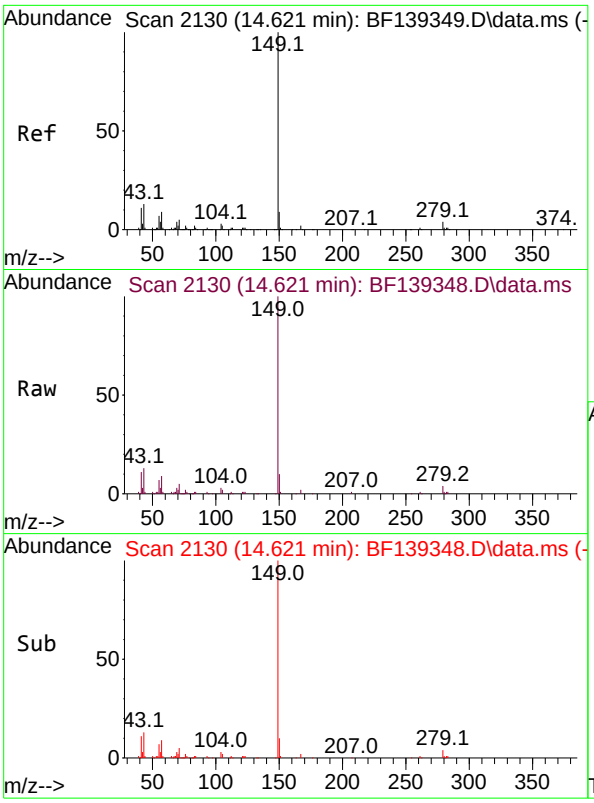


#84
Bis(2-ethylhexyl)phthalate
Concen: 30.577 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 110906

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.6	32.4
279	4.1	3.3	4.9



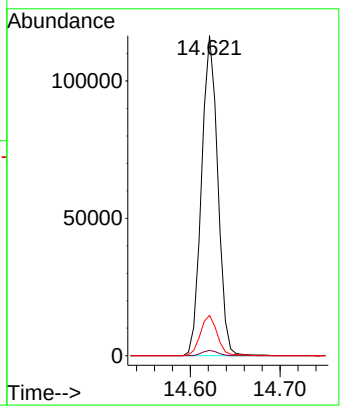


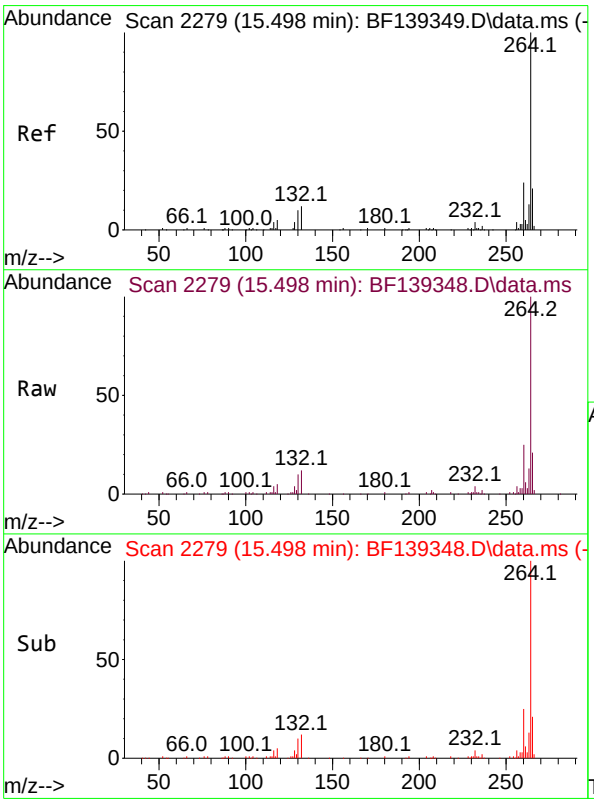
#85
Di-n-octyl phthalate
Concen: 21.054 ng
RT: 14.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 146208

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	10.6	16.0

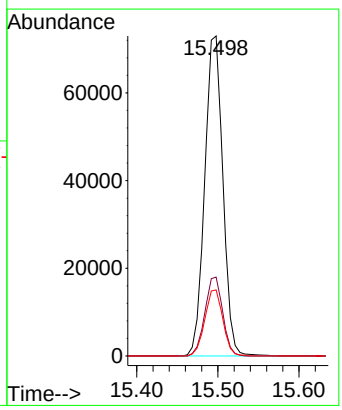


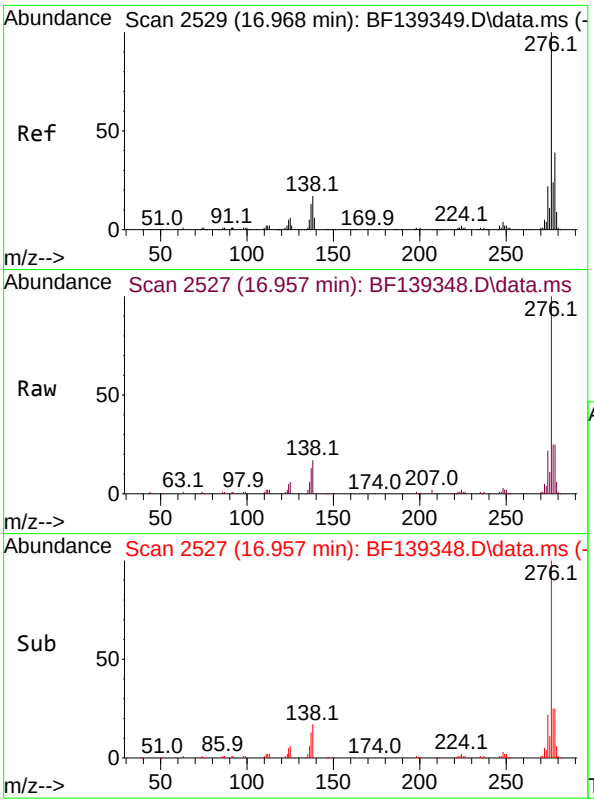


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:264 Resp: 113195

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.6	16.6	25.0



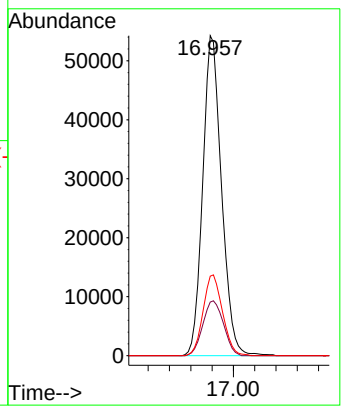


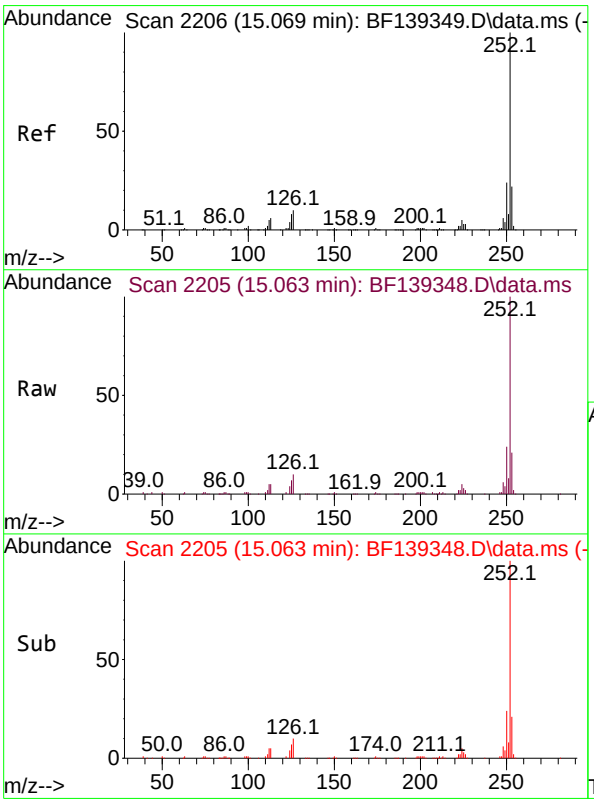
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.812 ng
RT: 16.957 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 133029

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.4	23.2
277	26.0	20.4	30.6

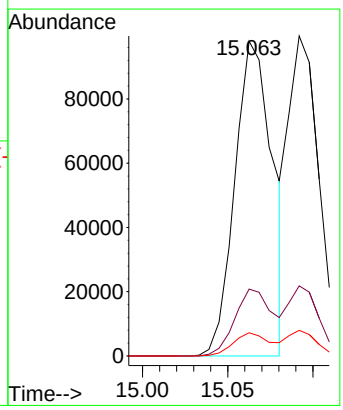


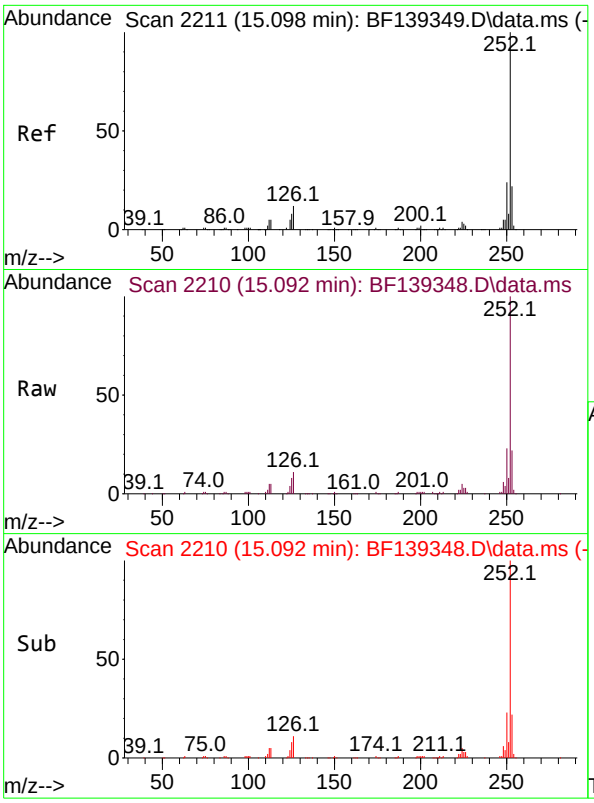


#88
Benzo(b)fluoranthene
Concen: 23.132 ng
RT: 15.063 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:252 Resp: 150795

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	7.4	6.2	9.2



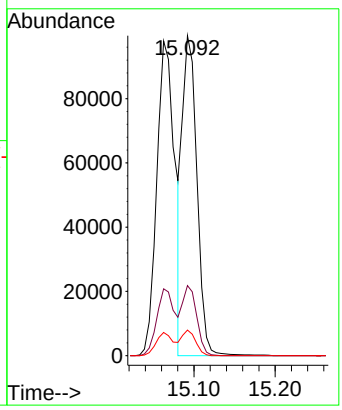


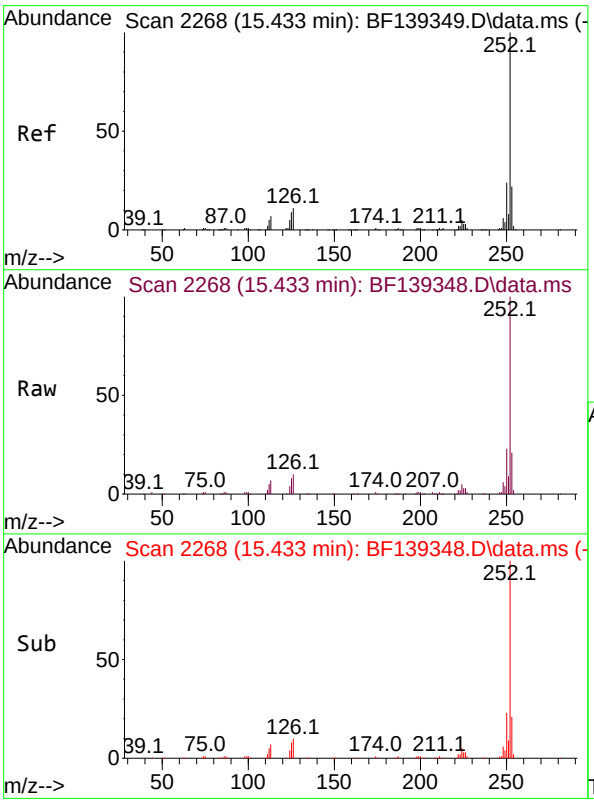
#89
Benzo(k)fluoranthene
Concen: 21.436 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 125290

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.0	5.9	8.9

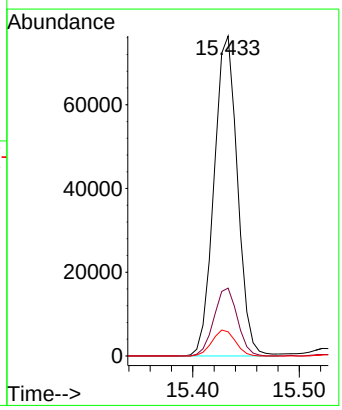


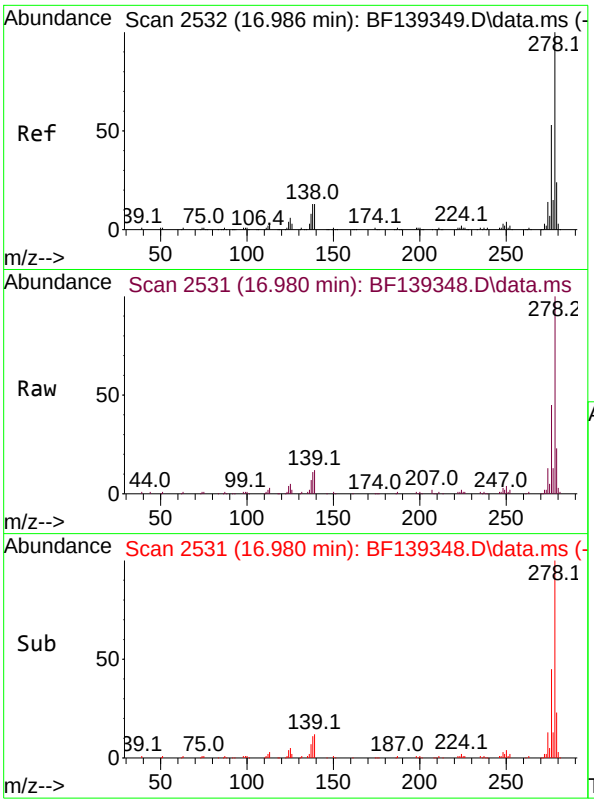


#90
Benzo(a)pyrene
Concen: 21.093 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:252 Resp: 116755

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	7.6	6.8	10.2



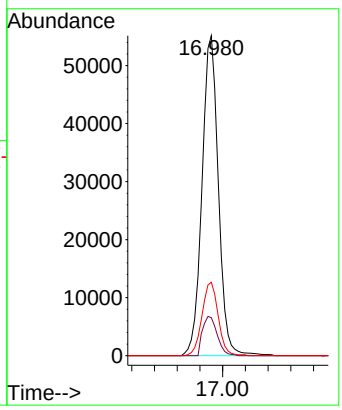


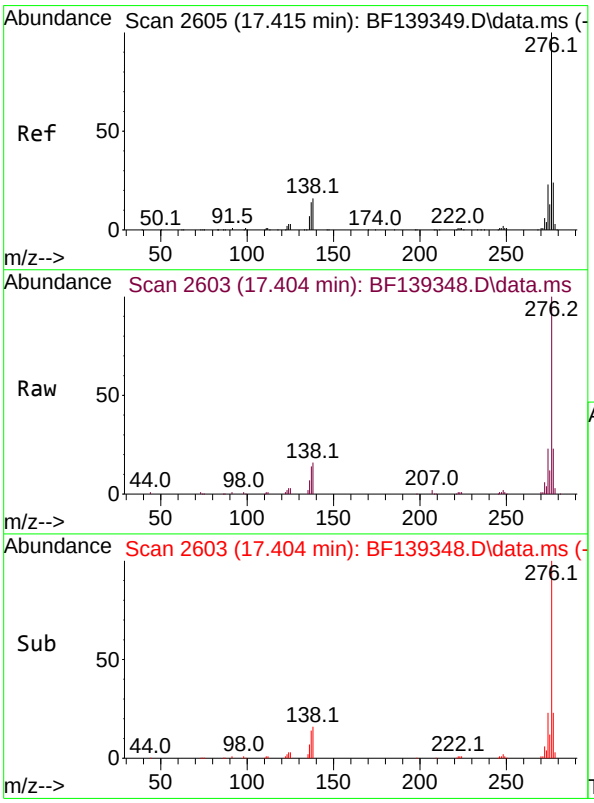
#91
Dibenzo(a,h)anthracene
Concen: 18.908 ng
RT: 16.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 110187

Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.2	15.2
279	23.0	18.9	28.3

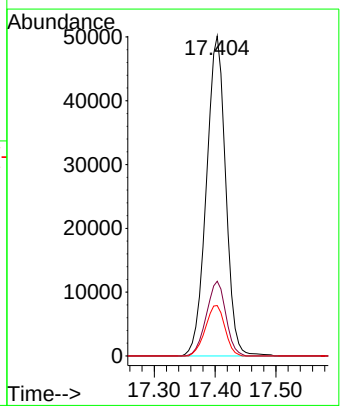




#92
Benzo(g,h,i)perylene
Concen: 18.329 ng
RT: 17.404 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:276 Resp: 110255

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	15.8	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139349.D
Acq On : 13 Sep 2024 16:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 02:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52723	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	182509	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	98703	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194097	20.000	ng	0.00
76) Chrysene-d12	14.033	240	109489	20.000	ng	0.00
86) Perylene-d12	15.498	264	106513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	256515	81.391	ng	0.00
7) Phenol-d6	6.504	99	337081	80.116	ng	0.00
23) Nitrobenzene-d5	7.445	82	321670	91.690	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	90543	106.232	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	588478	92.034	ng	0.00
79) Terphenyl-d14	12.980	244	590790	87.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	52091	35.492	ng	100
3) Pyridine	3.410	79	115745	32.671	ng	100
4) n-Nitrosodimethylamine	3.369	42	99237	43.135	ng	100
6) Aniline	6.569	93	125942m	32.552	ng	
8) 2-Chlorophenol	6.663	128	130959	40.094	ng	100
9) Benzaldehyde	6.428	77	87815	34.480	ng	100
10) Phenol	6.522	94	169642	38.225	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	119505	37.587	ng	100
12) 1,3-Dichlorobenzene	6.822	146	149106	40.331	ng	100
13) 1,4-Dichlorobenzene	6.898	146	150962	40.796	ng	100
14) 1,2-Dichlorobenzene	7.051	146	141725	41.065	ng	100
15) Benzyl Alcohol	7.016	79	135194	44.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	196996	32.548	ng	100
17) 2-Methylphenol	7.128	107	104016	38.985	ng	100
18) Hexachloroethane	7.393	117	57283	43.342	ng	100
19) n-Nitroso-di-n-propyla...	7.293	70	99024	40.865	ng	100
20) 3+4-Methylphenols	7.281	107	142417	42.353	ng	100
22) Acetophenone	7.287	105	196581	45.212	ng	100
24) Nitrobenzene	7.463	77	165350	44.406	ng	100
25) Isophorone	7.698	82	250157	41.707	ng	100
26) 2-Nitrophenol	7.775	139	66347	45.366	ng	100
27) 2,4-Dimethylphenol	7.810	122	85952	41.208	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	141226	39.520	ng	100
29) 2,4-Dichlorophenol	8.016	162	107629	43.097	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	124438	43.628	ng	100
31) Naphthalene	8.181	128	390544	42.255	ng	100
32) Benzoic acid	7.922	122	80333	42.284	ng	100
33) 4-Chloroaniline	8.234	127	123133	38.476	ng	100
34) Hexachlorobutadiene	8.298	225	84620	46.820	ng	100
35) Caprolactam	8.598	113	34107	44.115	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	124337	45.688	ng	100
37) 2-Methylnaphthalene	8.875	142	248380	42.953	ng	100
38) 1-Methylnaphthalene	8.975	142	241525	42.469	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	122103	43.724	ng	100
41) Hexachlorocyclopentadiene	9.022	237	45137	50.294	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	83204	45.538	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139349.D
Acq On : 13 Sep 2024 16:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 02:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	85716	44.767	ng	100
46) 1,1'-Biphenyl	9.334	154	318340	43.531	ng	100
47) 2-Chloronaphthalene	9.363	162	239859	43.438	ng	100
48) 2-Nitroaniline	9.457	65	89926	47.281	ng	100
49) Acenaphthylene	9.775	152	358182	43.067	ng	100
50) Dimethylphthalate	9.634	163	272789	45.599	ng	100
51) 2,6-Dinitrotoluene	9.698	165	61729	45.483	ng	100
52) Acenaphthene	9.945	154	254549	46.146	ng	100
53) 3-Nitroaniline	9.863	138	62889	43.492	ng	100
54) 2,4-Dinitrophenol	9.969	184	35233	60.625	ng	100
55) Dibenzofuran	10.116	168	351419	44.435	ng	100
56) 4-Nitrophenol	10.016	139	52194	48.904	ng	100
57) 2,4-Dinitrotoluene	10.098	165	85730	49.629	ng	100
58) Fluorene	10.463	166	290609	47.395	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	70914	47.051	ng	100
60) Diethylphthalate	10.334	149	284254	48.283	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	139089	47.037	ng	100
62) 4-Nitroaniline	10.481	138	68663	49.885	ng	100
63) Azobenzene	10.610	77	280849	45.262	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	45281	50.489	ng	100
66) n-Nitrosodiphenylamine	10.569	169	233278	41.289	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	80176	42.574	ng	100
68) Hexachlorobenzene	11.004	284	94276	43.730	ng	100
69) Atrazine	11.092	200	47081	36.119	ng	100
70) Pentachlorophenol	11.198	266	58297	46.813	ng	100
71) Phenanthrene	11.422	178	389660	42.974	ng	100
72) Anthracene	11.475	178	383110	43.252	ng	100
73) Carbazole	11.628	167	367107	44.344	ng	100
74) Di-n-butylphthalate	11.957	149	417404	49.242	ng	100
75) Fluoranthene	12.610	202	421114	46.325	ng	100
77) Benzidine	12.727	184	84080	38.138	ng	100
78) Pyrene	12.833	202	421208	39.824	ng	100
80) Butylbenzylphthalate	13.451	149	137311	55.148	ng	100
81) Benzo(a)anthracene	14.022	228	297337	42.529	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	81918	44.120	ng	100
83) Chrysene	14.057	228	270196	41.408	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	167358	57.267	ng	100
85) Di-n-octyl phthalate	14.621	149	247331	44.204	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	290402	43.643	ng	100
88) Benzo(b)fluoranthene	15.069	252	261127	42.570	ng	100
89) Benzo(k)fluoranthene	15.098	252	253691	46.126	ng	100
90) Benzo(a)pyrene	15.433	252	229237	44.011	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	233814	42.639	ng	100
92) Benzo(g,h,i)perylene	17.415	276	235706	41.642	ng	100

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

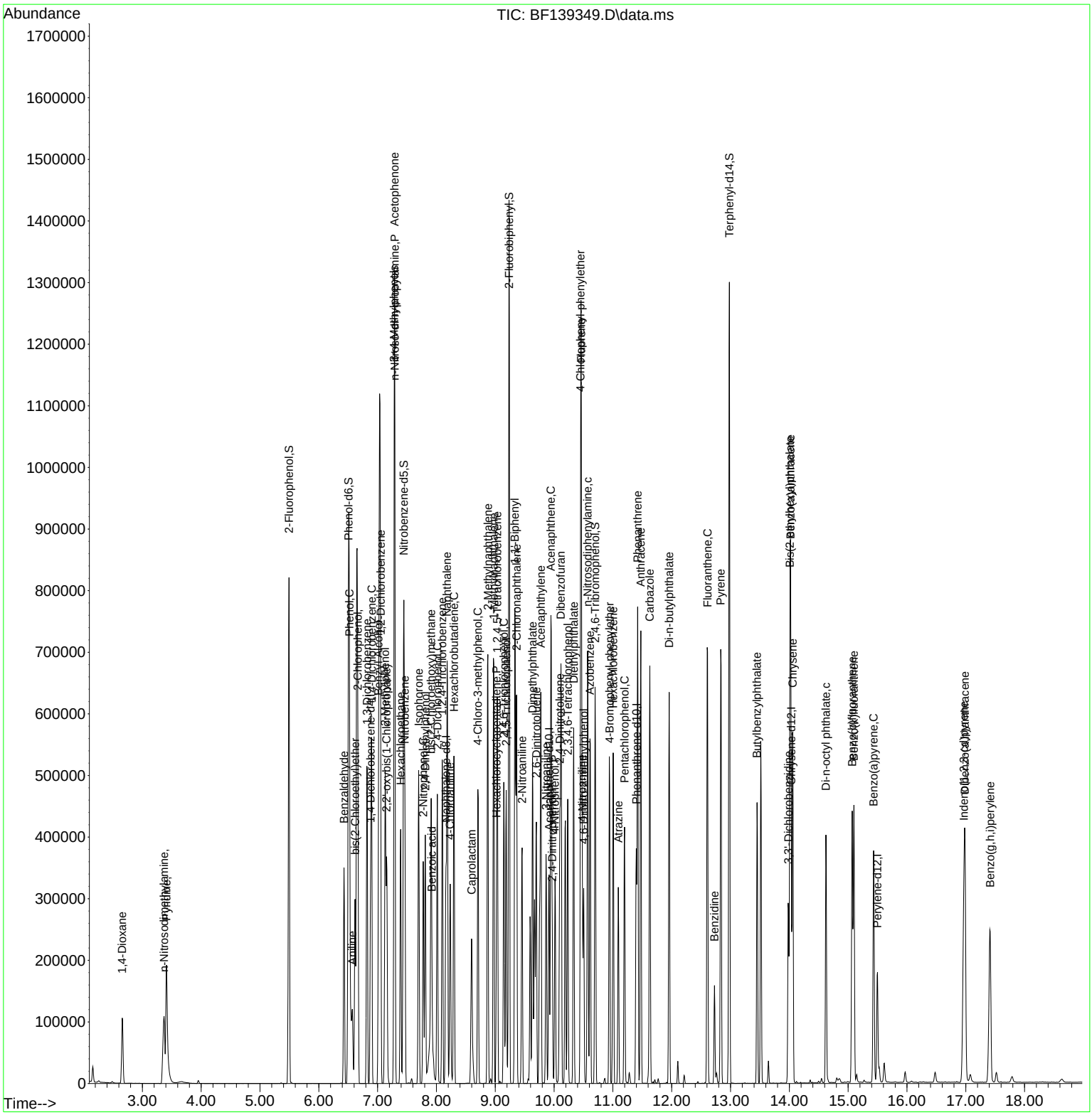
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139349.D
Acq On : 13 Sep 2024 16:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

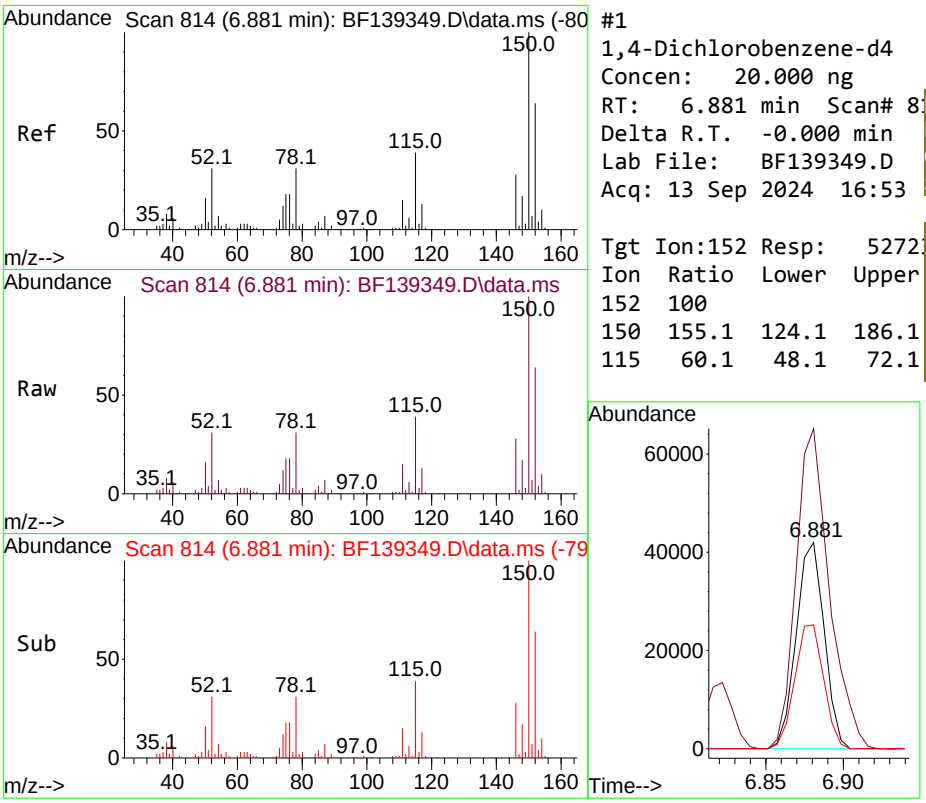
Quant Time: Sep 14 02:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

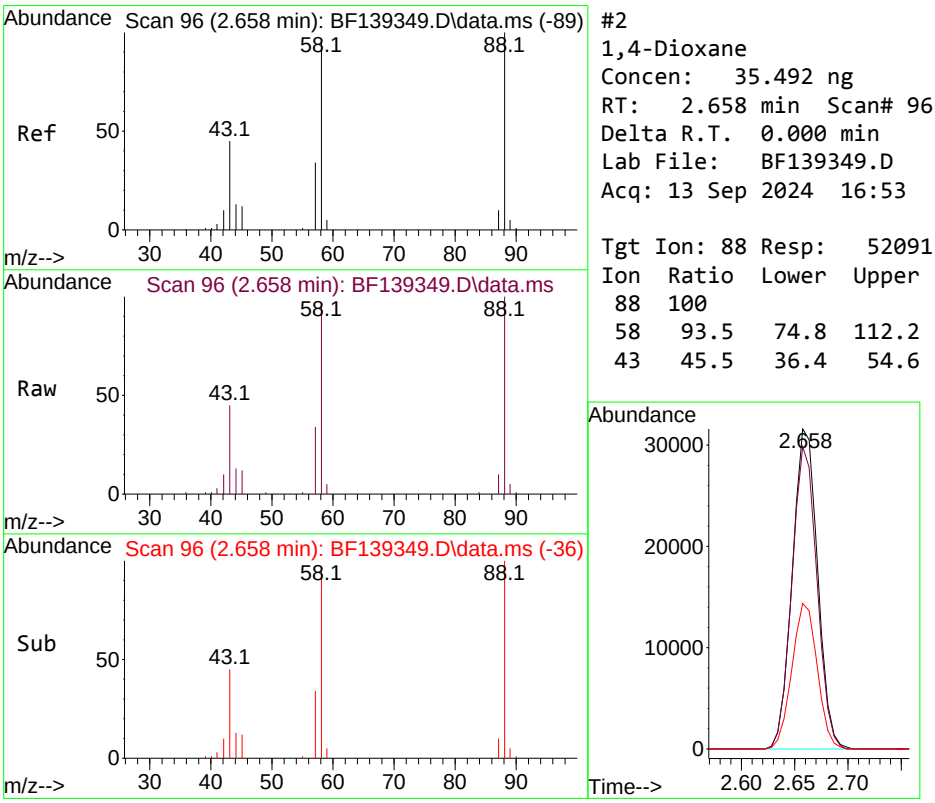
Tgt Ion:152 Resp: 5272

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	60.1	48.1	72.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

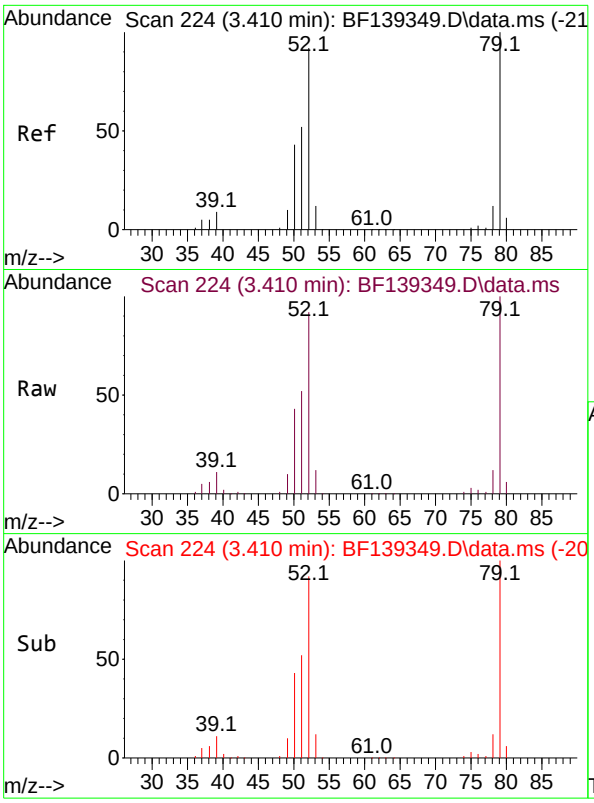
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 35.492 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 88 Resp: 52091

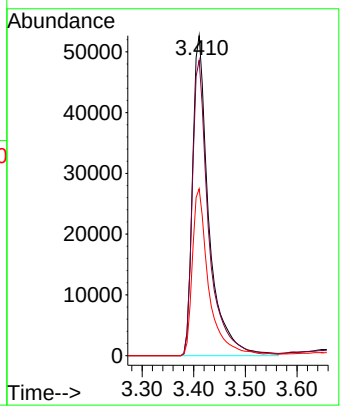
Ion	Ratio	Lower	Upper
88	100		
58	93.5	74.8	112.2
43	45.5	36.4	54.6



#3
Pyridine
Concen: 32.671 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 79 Resp: 11574

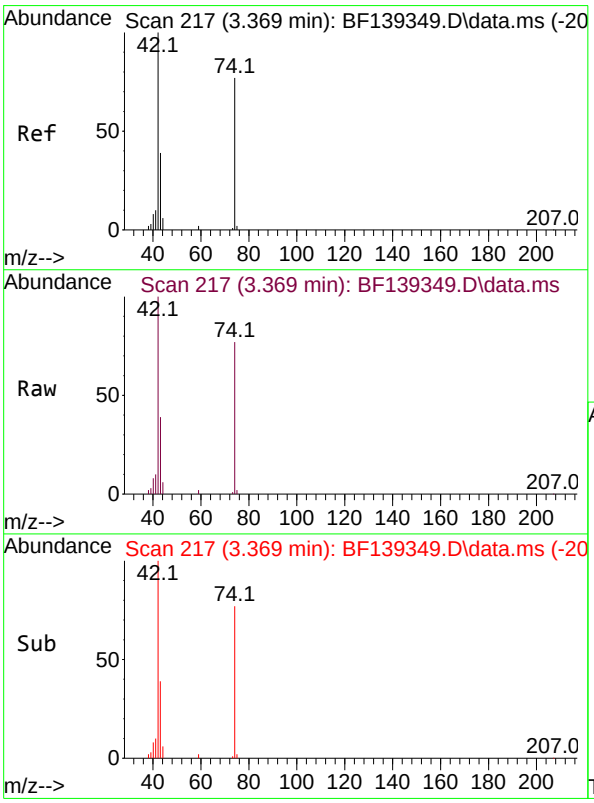
Ion	Ratio	Lower	Upper
79	100		
52	92.3	73.8	110.8
51	52.2	41.8	62.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

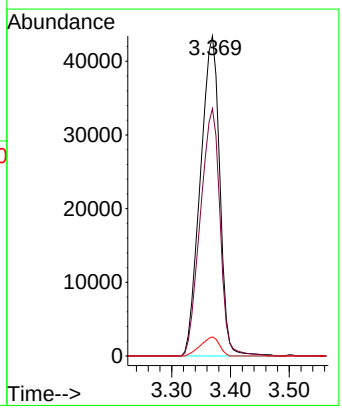
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

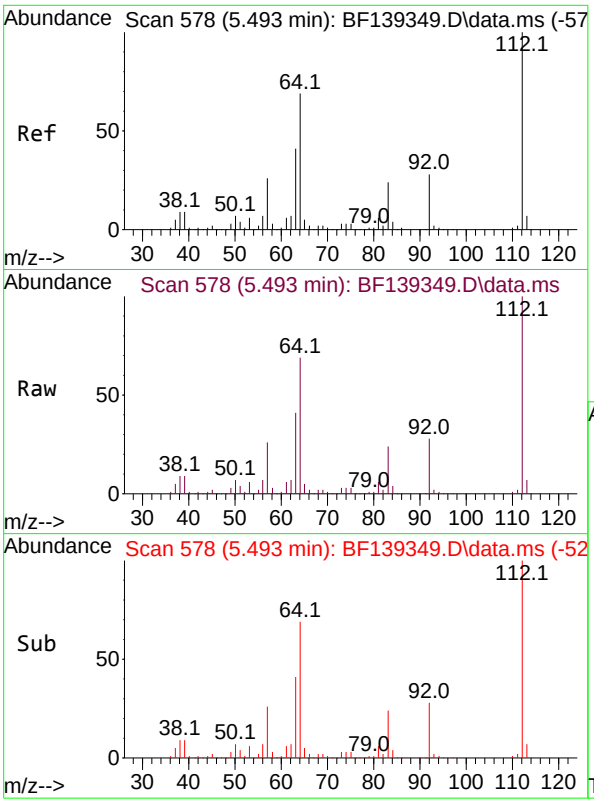


#4
n-Nitrosodimethylamine
Concen: 43.135 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 42 Resp: 99237

Ion	Ratio	Lower	Upper
42	100		
74	77.3	61.8	92.8
44	6.0	4.8	7.2

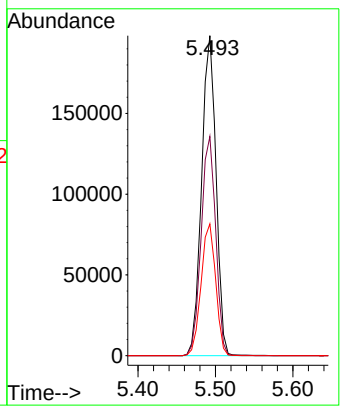




#5
2-Fluorophenol
Concen: 81.391 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:112 Resp: 25651

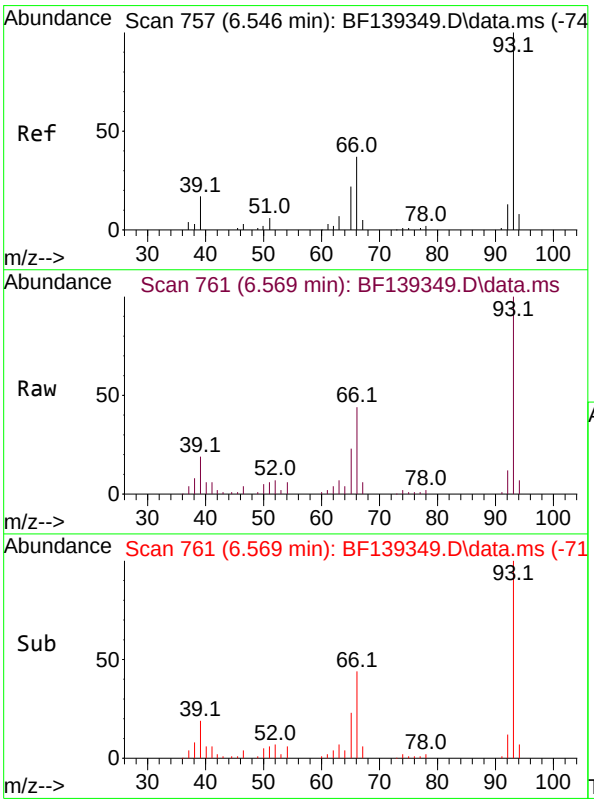
Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.8	82.2
63	41.2	33.0	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

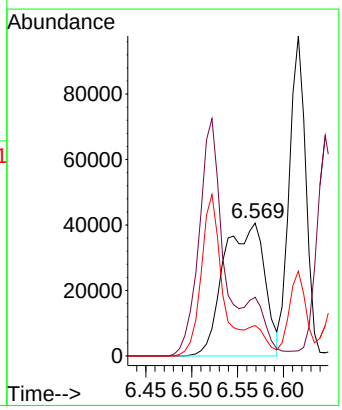
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

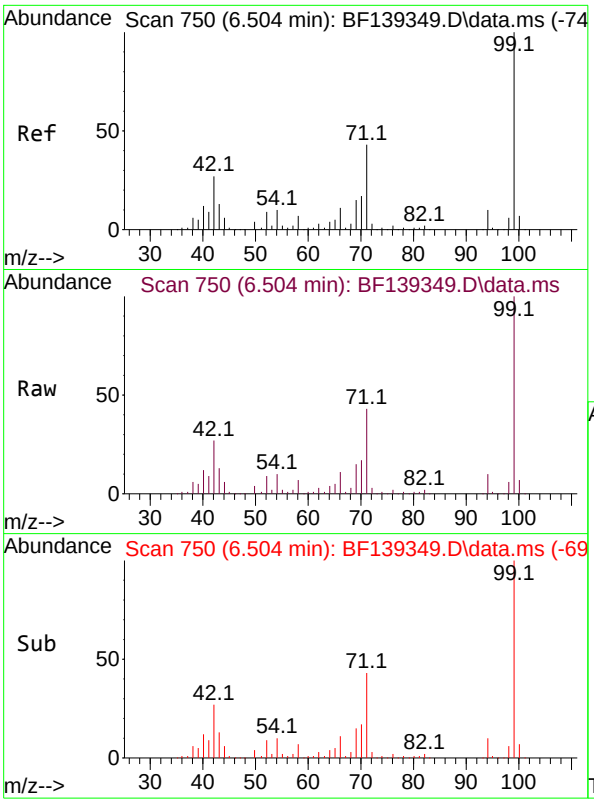


#6
Aniline
Concen: 32.552 ng m
RT: 6.569 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 125942

Ion	Ratio	Lower	Upper
93	100		
66	44.2	35.4	53.0
65	22.8	18.2	27.4

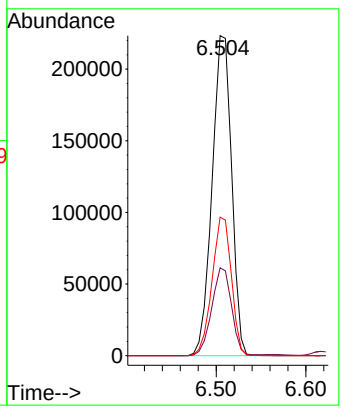




#7
Phenol-d6
Concen: 80.116 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 99 Resp: 33708

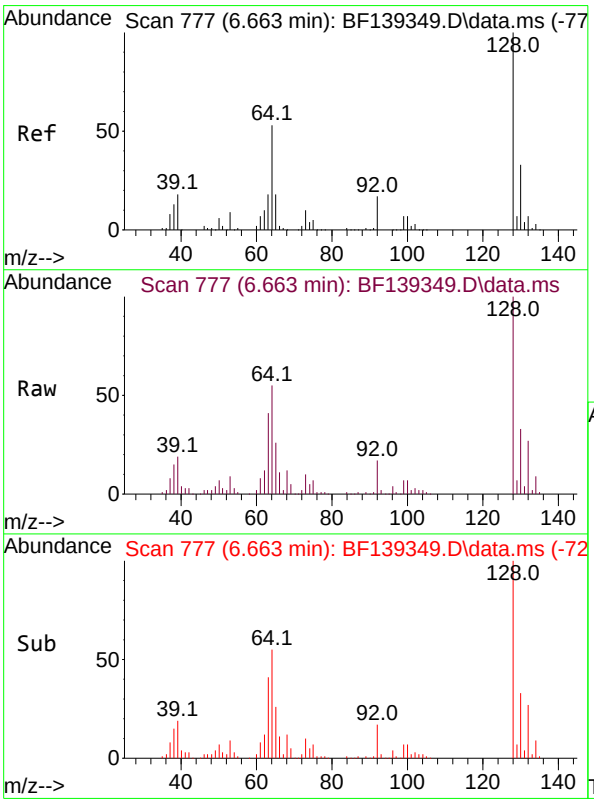
Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.9	32.9
71	43.3	34.6	52.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

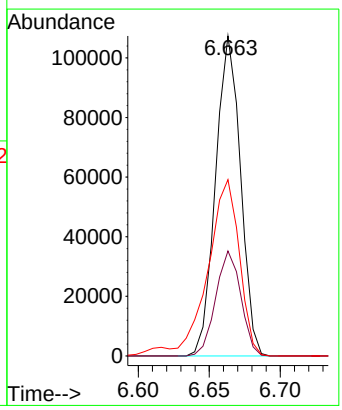
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

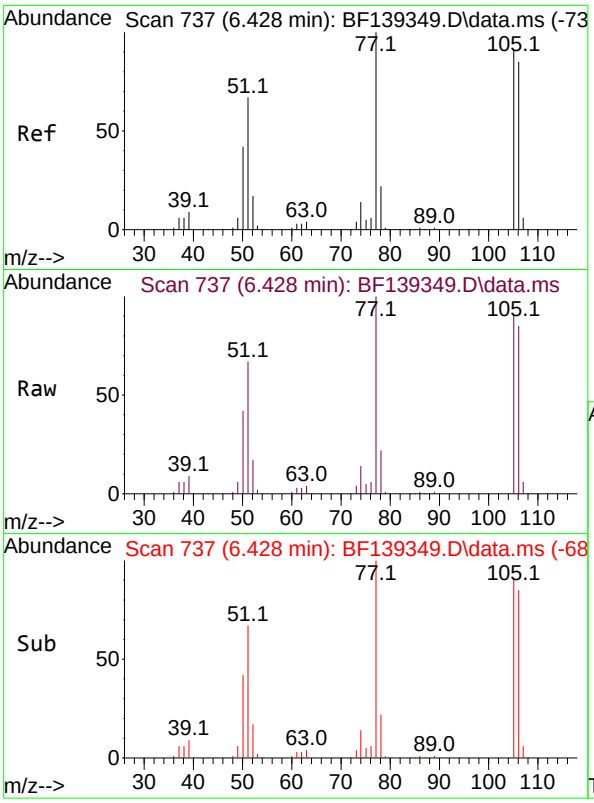


#8
2-Chlorophenol
Concen: 40.094 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:128 Resp: 130959

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	55.1	35.1	75.1

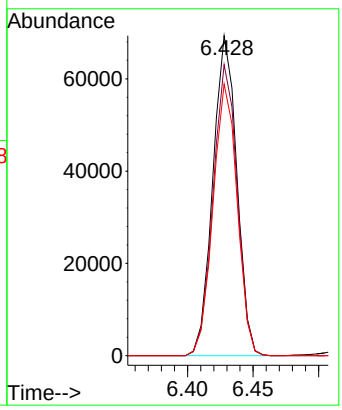




#9
Benzaldehyde
Concen: 34.480 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 77 Resp: 8781

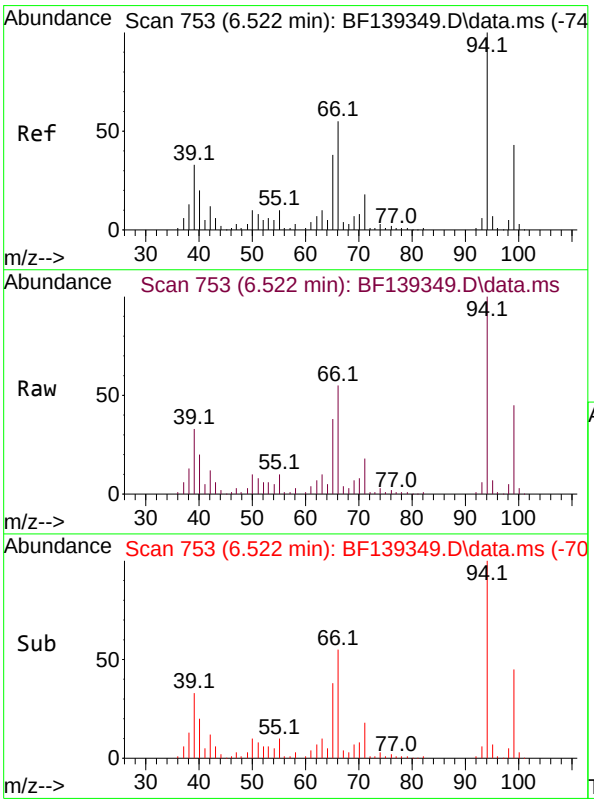
Ion	Ratio	Lower	Upper
77	100		
105	91.0	71.0	111.0
106	84.9	64.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

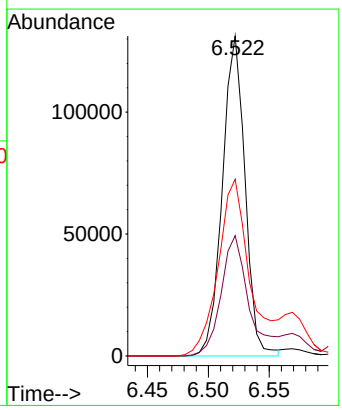
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

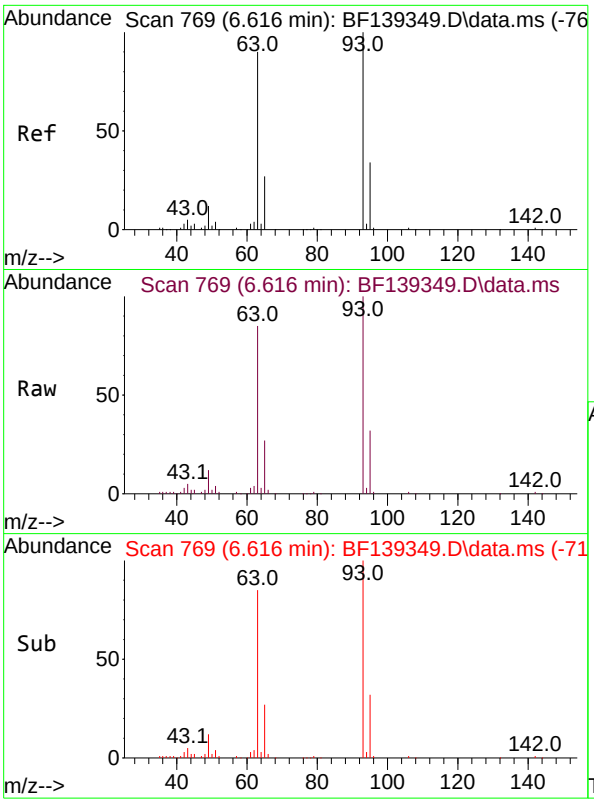


#10
Phenol
Concen: 38.225 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 94 Resp: 169642

Ion	Ratio	Lower	Upper
94	100		
65	37.6	17.6	57.6
66	55.2	35.2	75.2

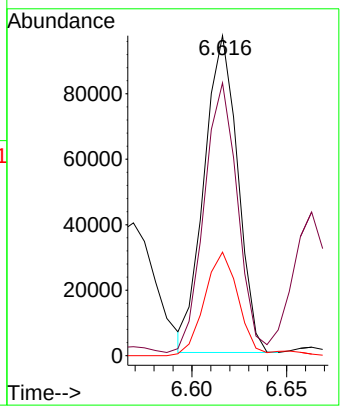




#11
bis(2-Chloroethyl)ether
Concen: 37.587 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 11950

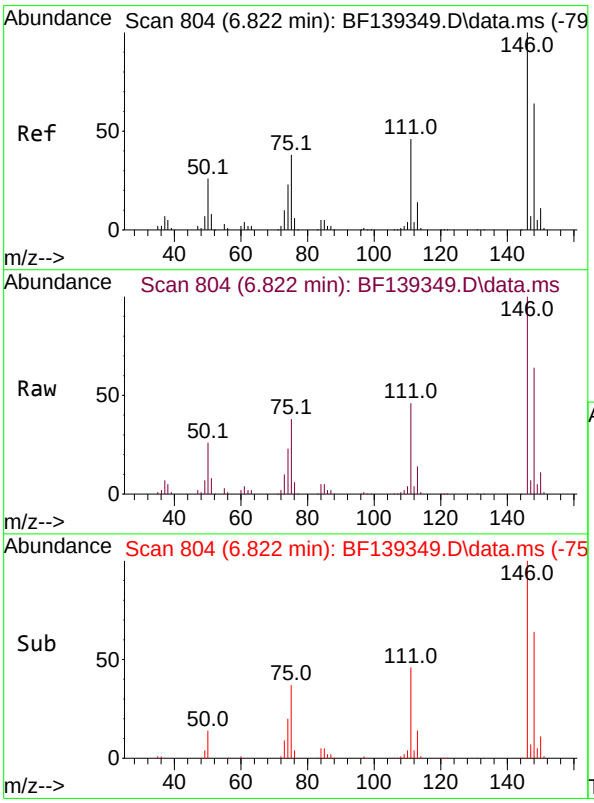
Ion	Ratio	Lower	Upper
93	100		
63	85.3	65.3	105.3
95	32.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

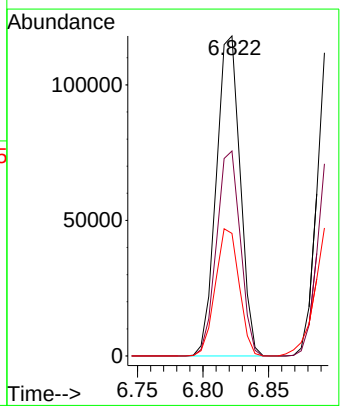
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

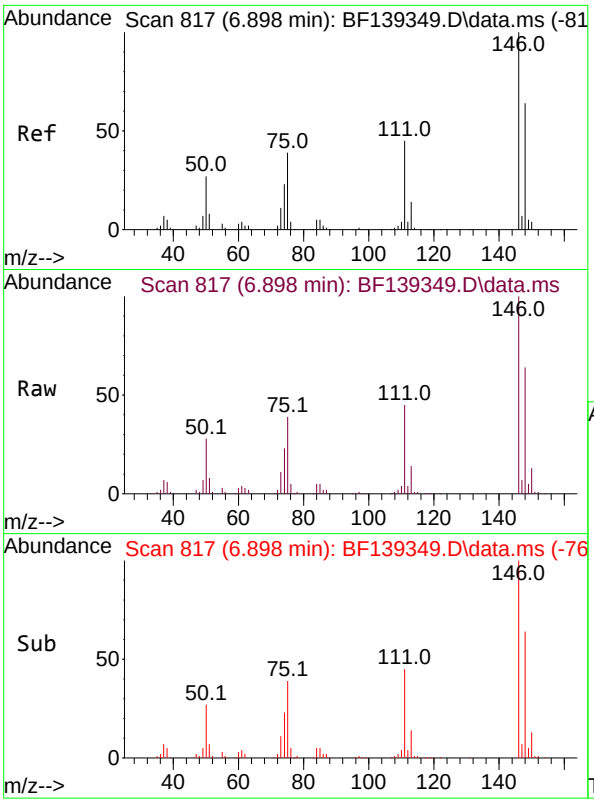


#12
1,3-Dichlorobenzene
Concen: 40.331 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:146 Resp: 149106

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	38.3	30.6	46.0

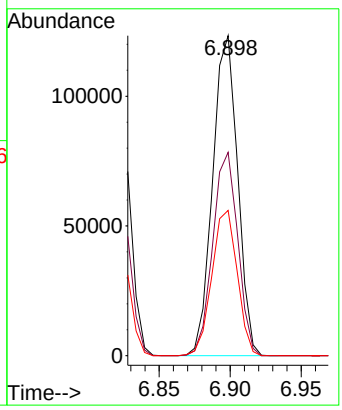




#13
1,4-Dichlorobenzene
Concen: 40.796 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:146 Resp: 15096

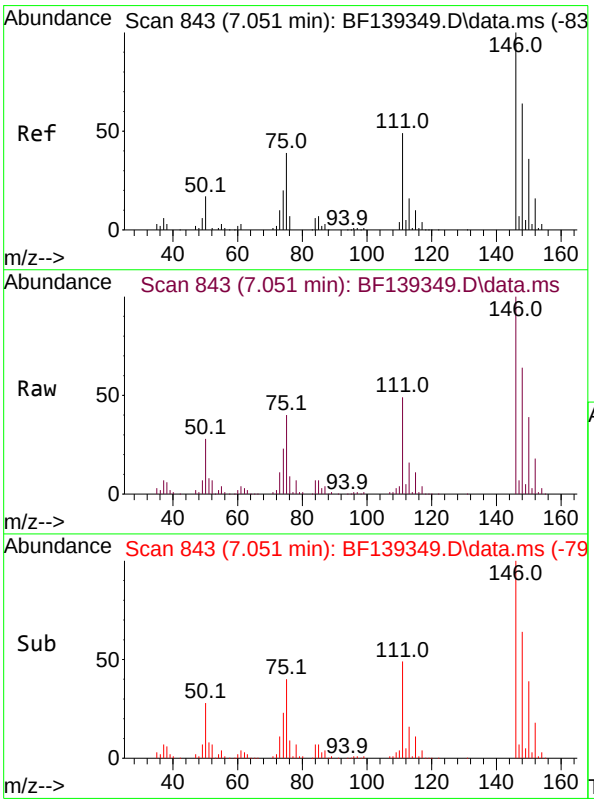
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	45.4	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

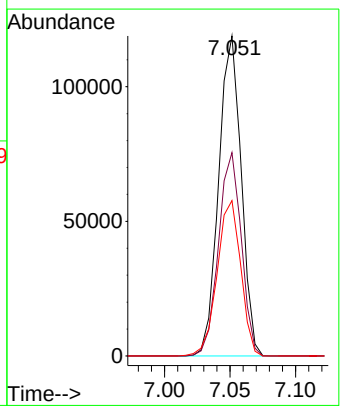
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

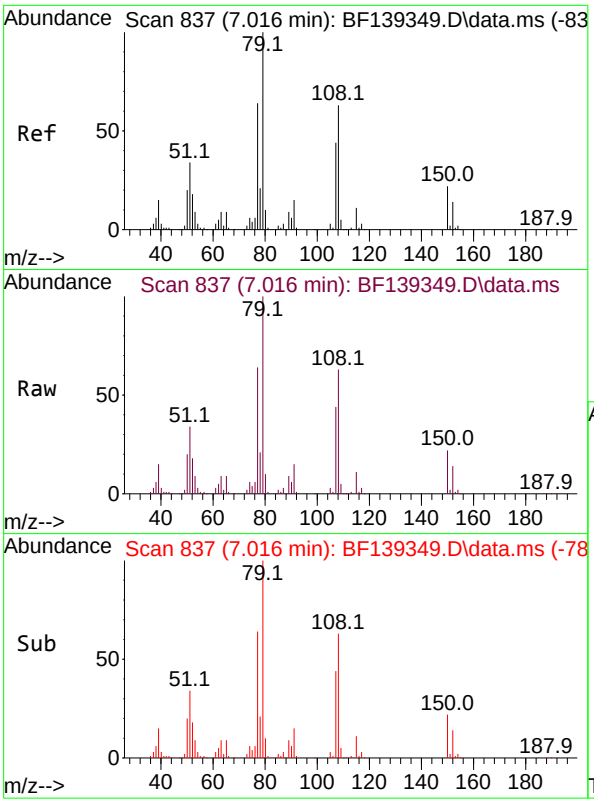


#14
1,2-Dichlorobenzene
Concen: 41.065 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:146 Resp: 141725

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	48.6	38.9	58.3

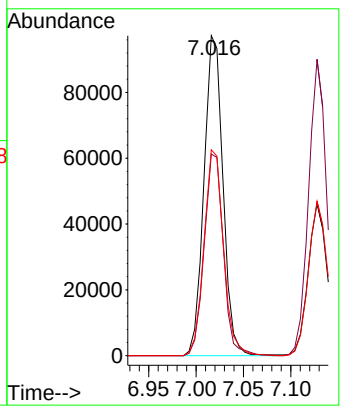




#15
Benzyl Alcohol
Concen: 44.061 ng
RT: 7.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 79 Resp: 13519

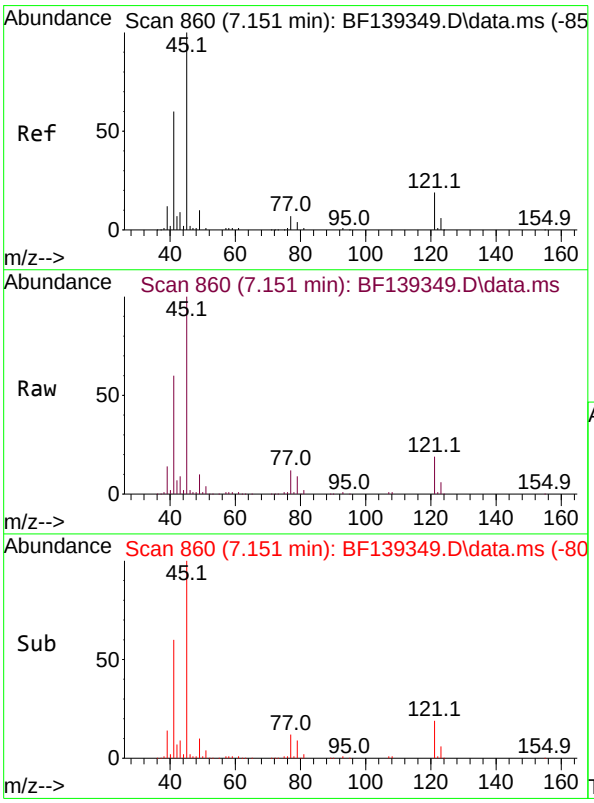
Ion	Ratio	Lower	Upper
79	100		
108	63.0	50.4	75.6
77	64.3	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

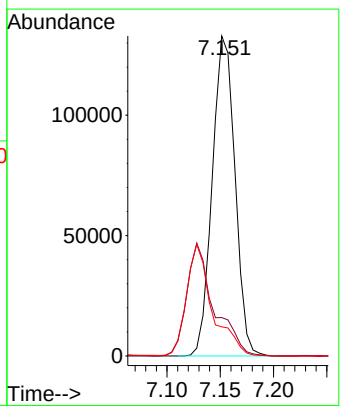
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

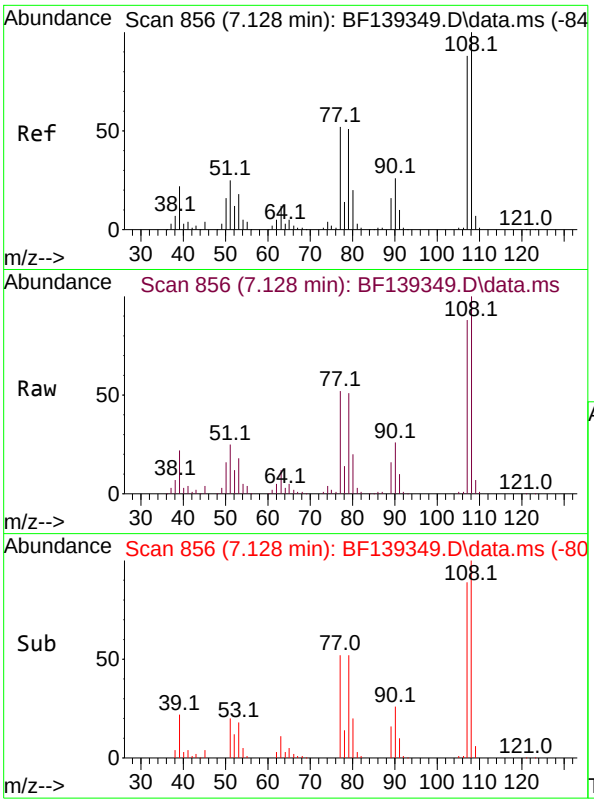


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.548 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 45 Resp: 196996

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.1	0.0	29.1

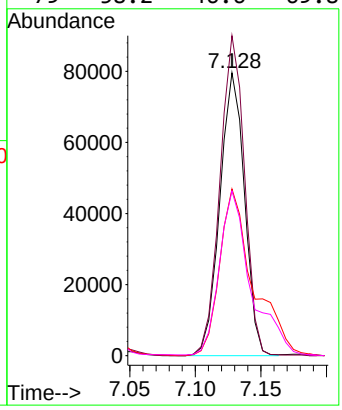




#17
2-Methylphenol
Concen: 38.985 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:107 Resp: 10401

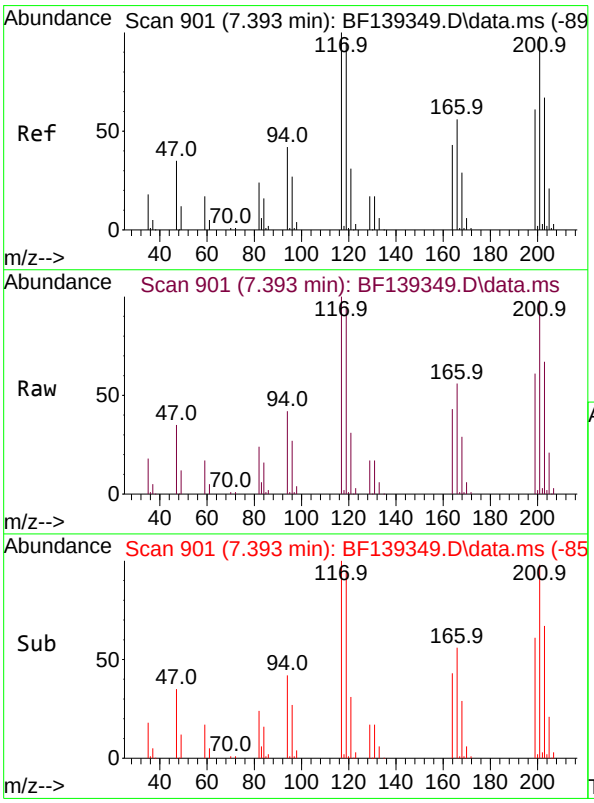
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.5	135.7
77	58.9	47.1	70.7
79	58.2	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

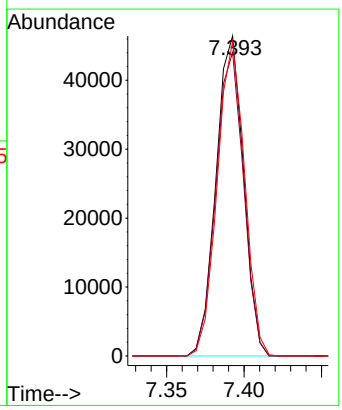
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

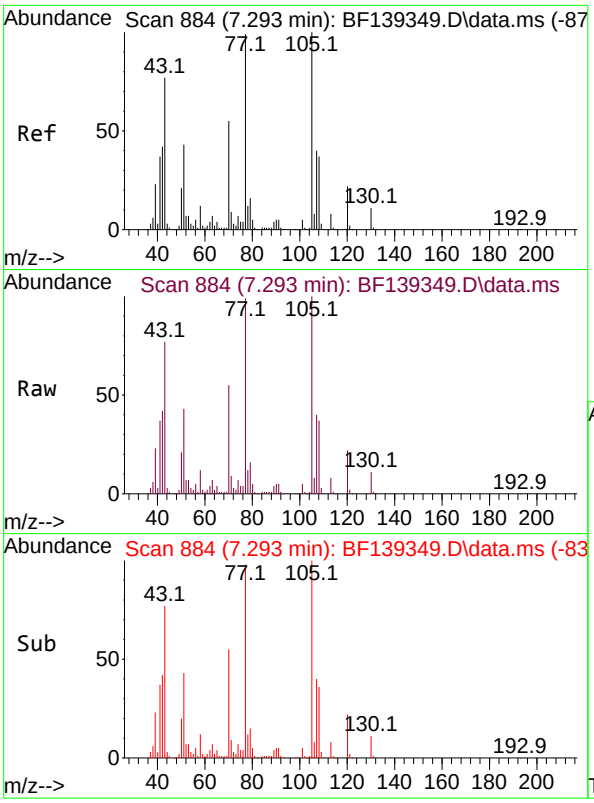


#18
Hexachloroethane
Concen: 43.342 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:117 Resp: 57283

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	98.3	78.6	118.0

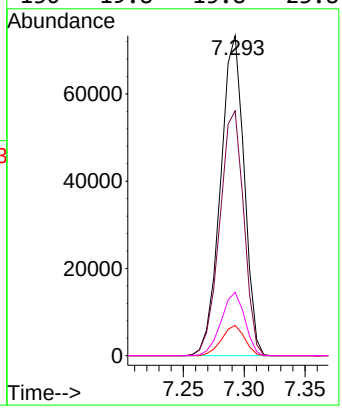




#19
n-Nitroso-di-n-propylamine
Concen: 40.865 ng
RT: 7.293 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

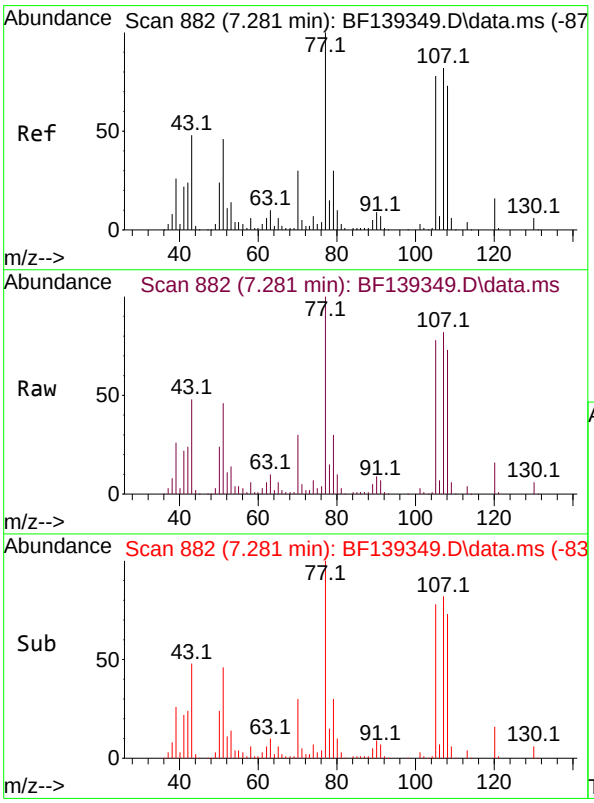
Tgt Ion: 70 Resp: 9902

Ion	Ratio	Lower	Upper
70	100		
42	76.5	61.2	91.8
101	9.4	7.5	11.3
130	19.8	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

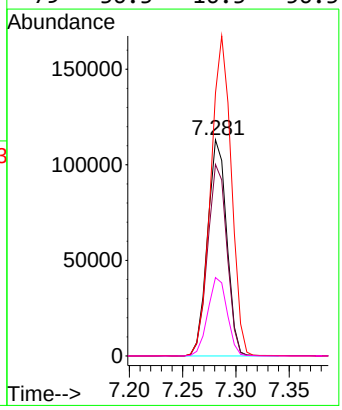
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

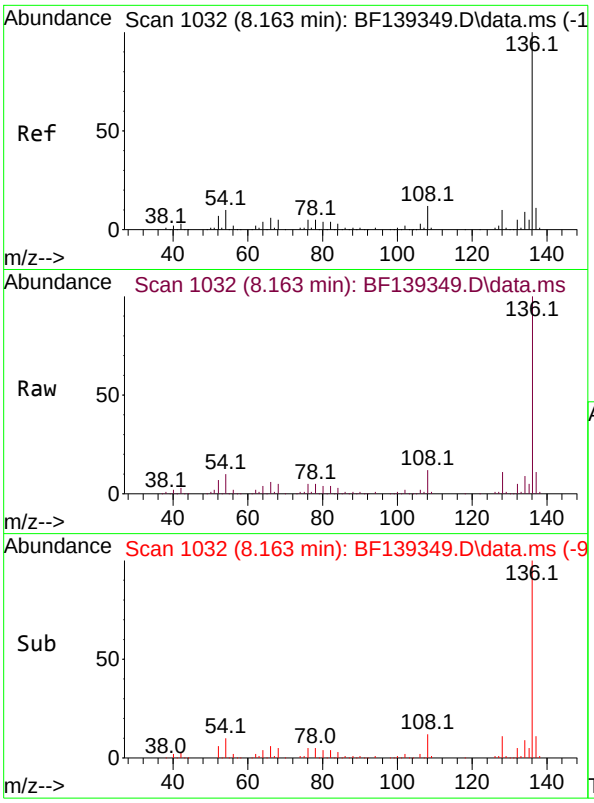


#20
3+4-Methylphenols
Concen: 42.353 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:107 Resp: 142417

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	121.6	101.6	141.6
79	36.3	16.3	56.3

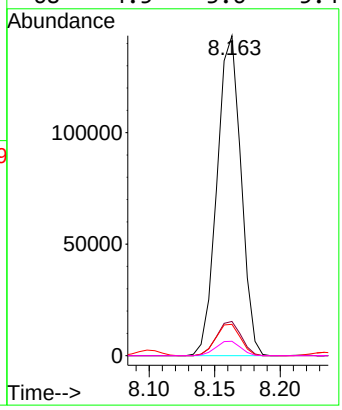




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:136 Resp: 18250

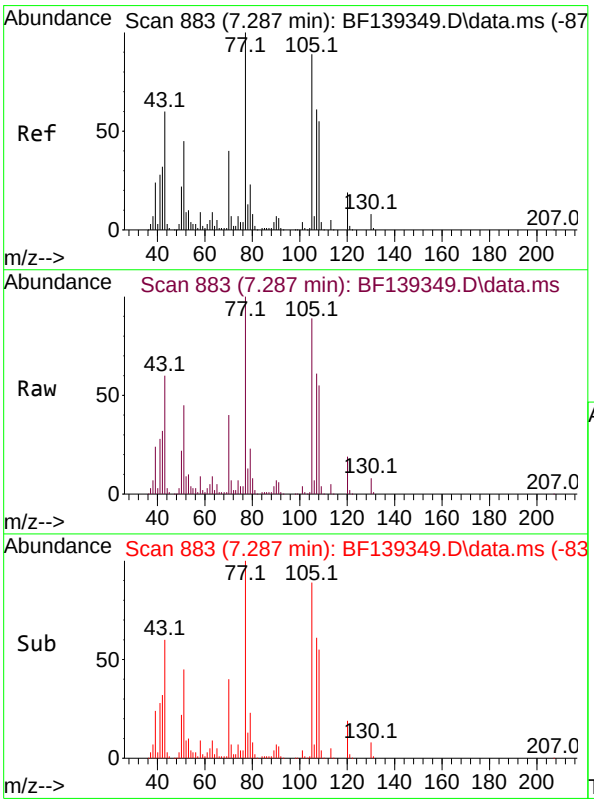
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.8	7.8	11.8
68	4.5	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

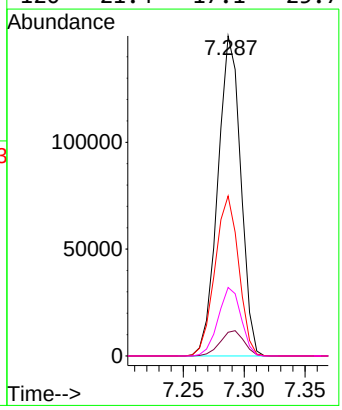
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

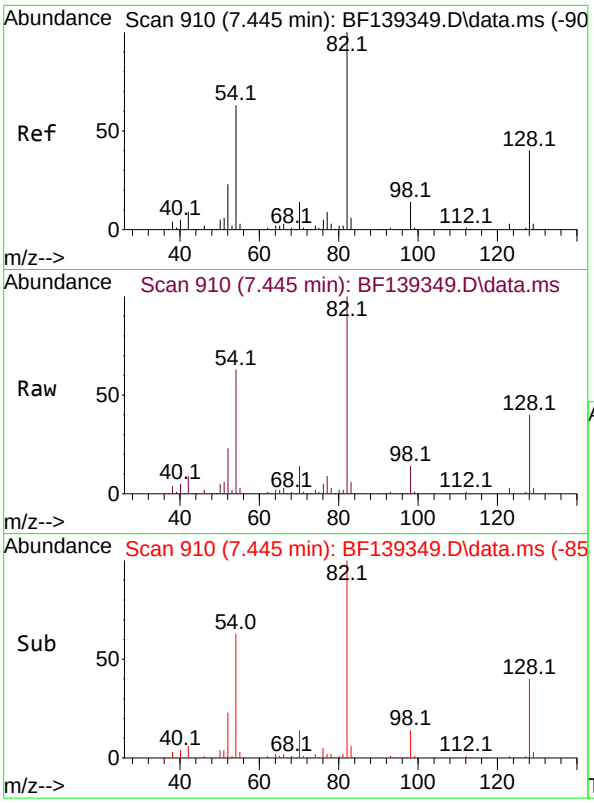


#22
Acetophenone
Concen: 45.212 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:105 Resp: 196581

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	50.0	40.0	60.0
120	21.4	17.1	25.7

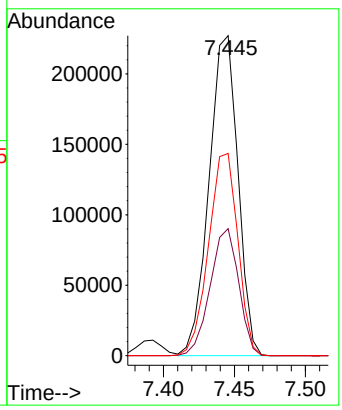




#23
Nitrobenzene-d5
Concen: 91.690 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 82 Resp: 32167

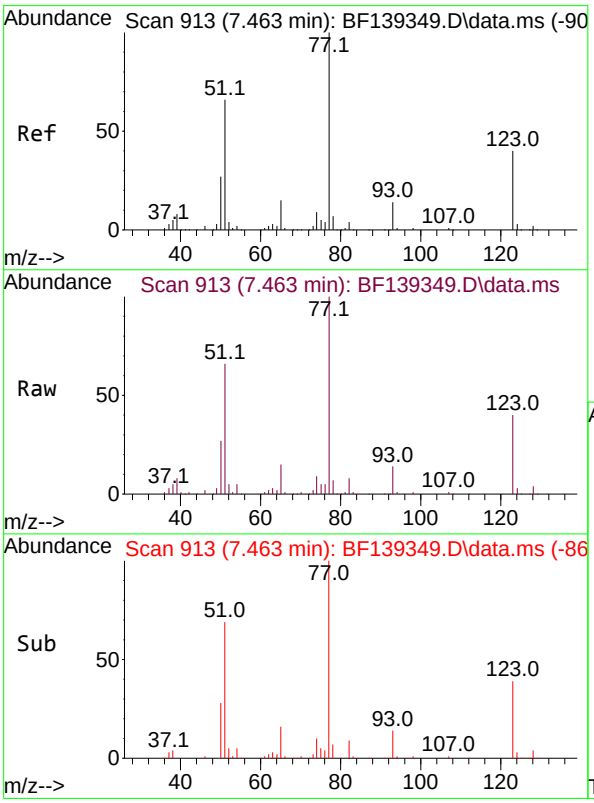
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.6
54	63.2	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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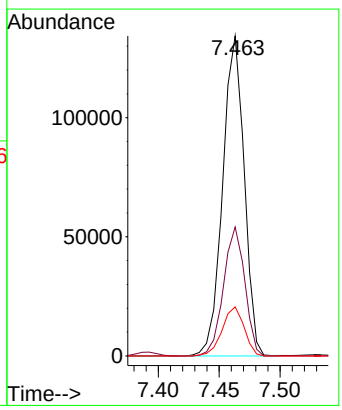
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

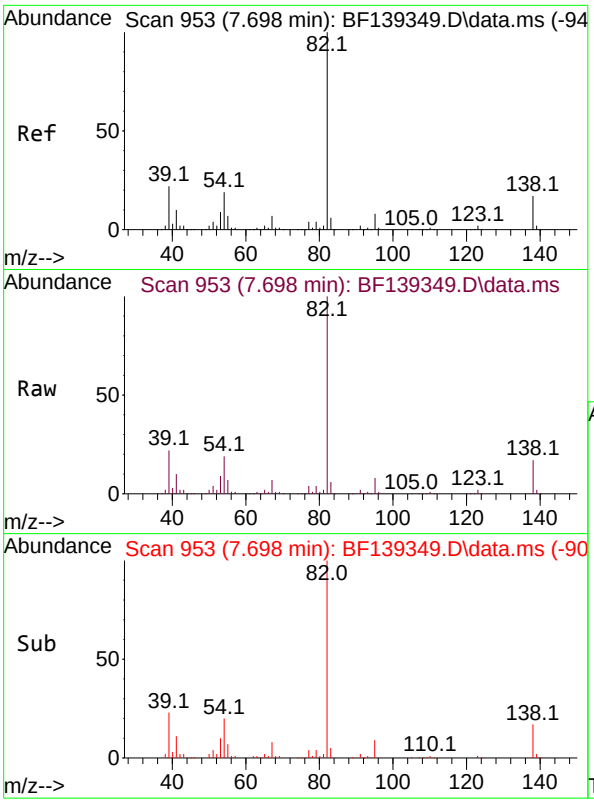


#24
Nitrobenzene
Concen: 44.406 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 77 Resp: 165350

Ion	Ratio	Lower	Upper
77	100		
123	40.3	32.2	48.4
65	15.3	12.2	18.4

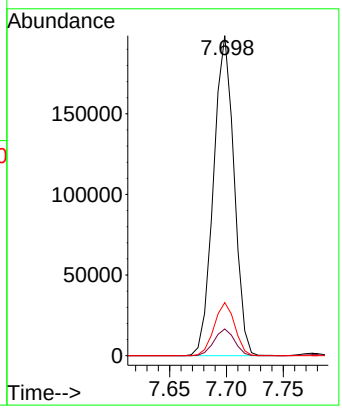




#25
Isophorone
Concen: 41.707 ng
RT: 7.698 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 82 Resp: 25015

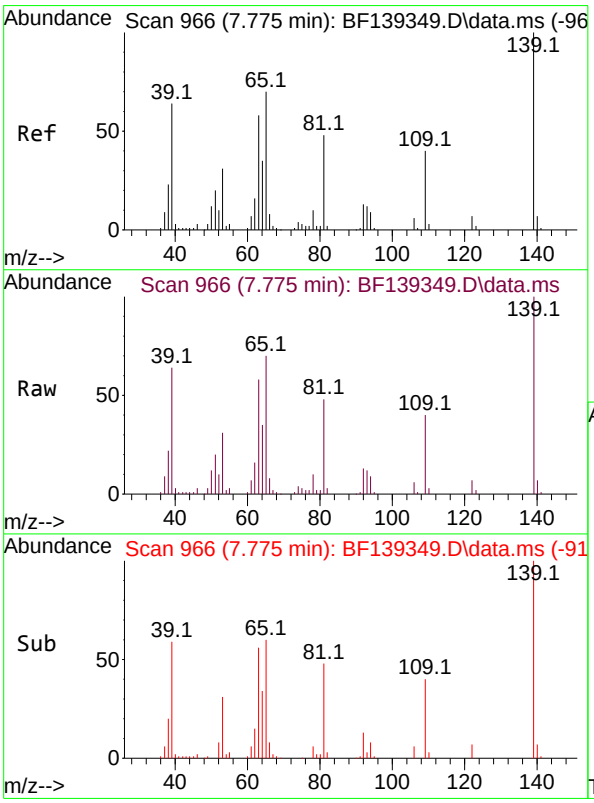
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	16.6	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

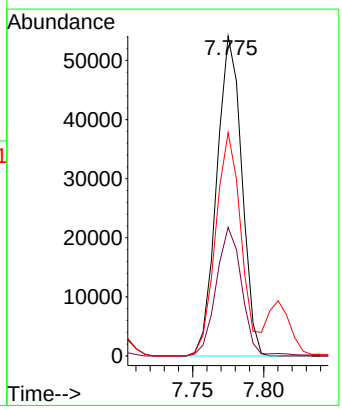
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

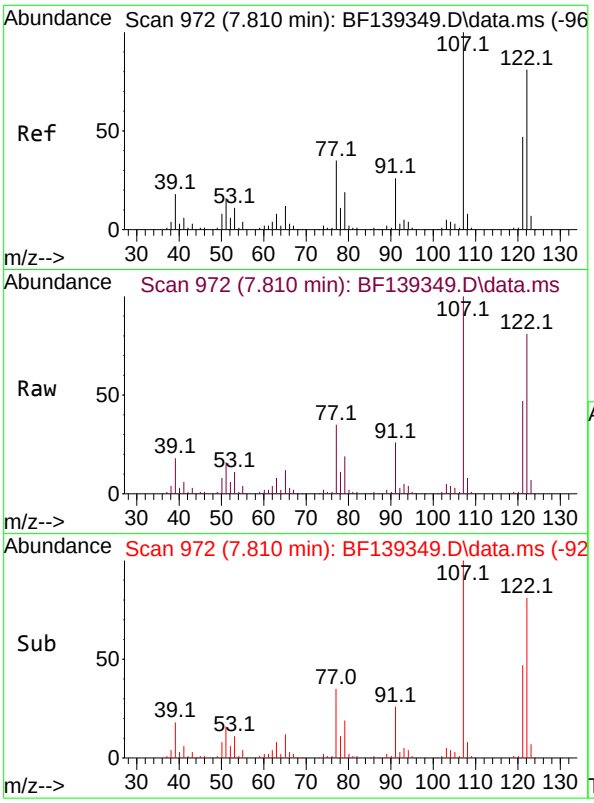


#26
2-Nitrophenol
Concen: 45.366 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 66347

Ion	Ratio	Lower	Upper
139	100		
109	40.2	32.2	48.2
65	69.8	55.8	83.8

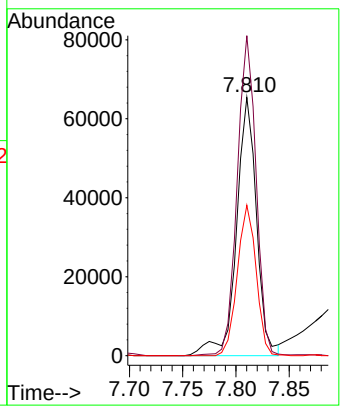




#27
2,4-Dimethylphenol
Concen: 41.208 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:122 Resp: 8595

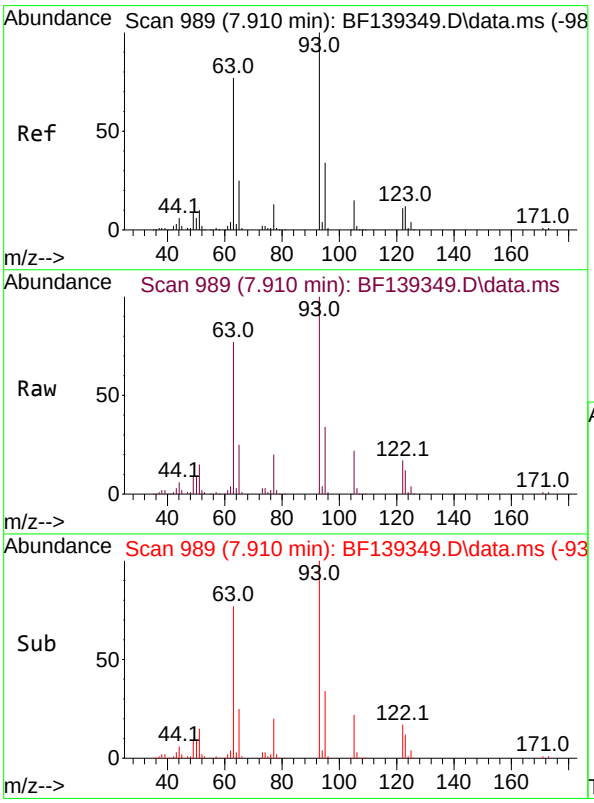
Ion	Ratio	Lower	Upper
122	100		
107	123.9	99.1	148.7
121	58.3	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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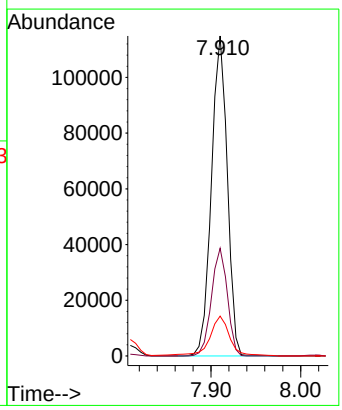
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

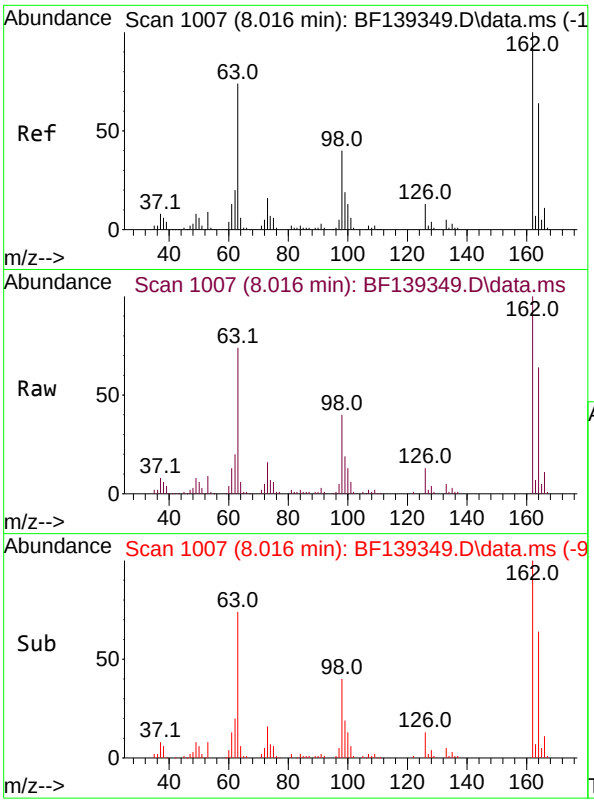


#28
bis(2-Chloroethoxy)methane
Concen: 39.520 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 141226

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.5	10.0	15.0

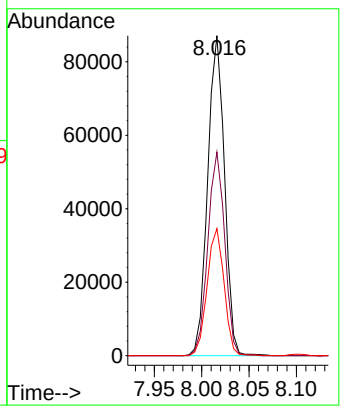




#29
2,4-Dichlorophenol
Concen: 43.097 ng
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:162 Resp: 10762

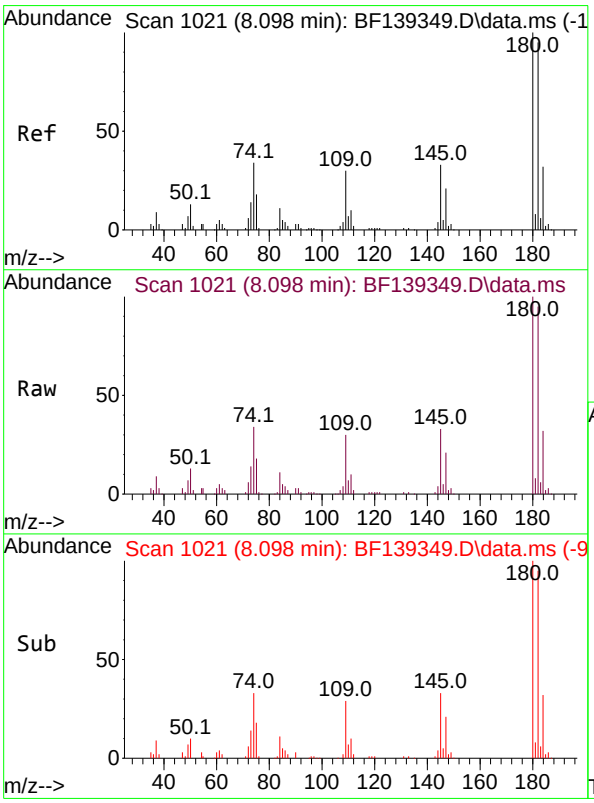
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	39.7	19.7	59.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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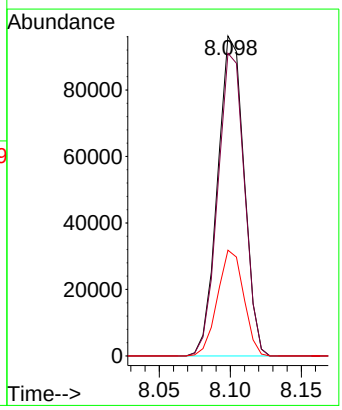
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

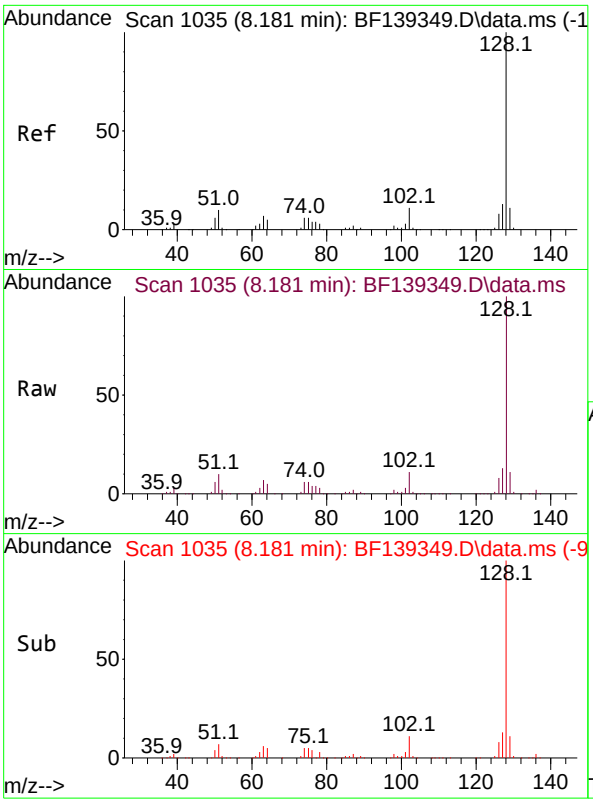


#30
1,2,4-Trichlorobenzene
Concen: 43.628 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:180 Resp: 124438

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	33.1	26.5	39.7

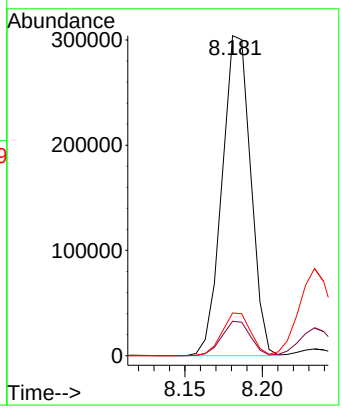




#31
Naphthalene
Concen: 42.255 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:128 Resp: 39054

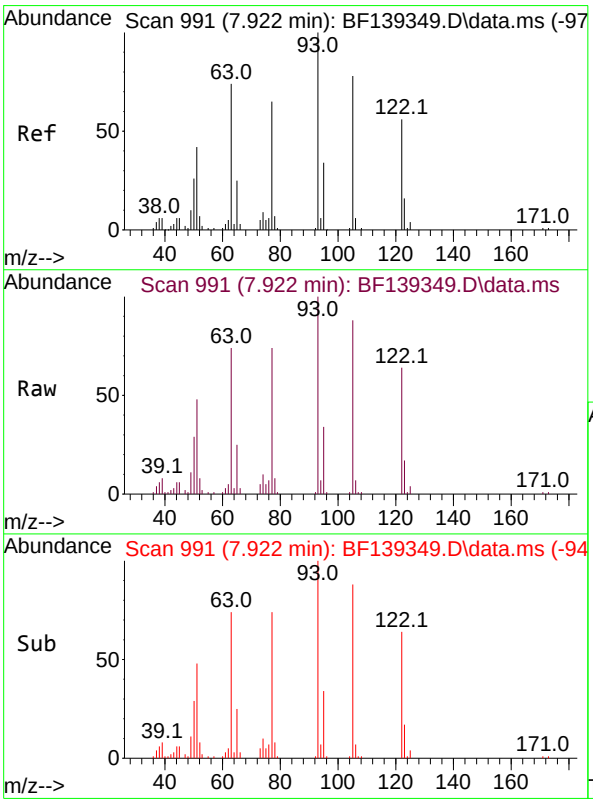
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

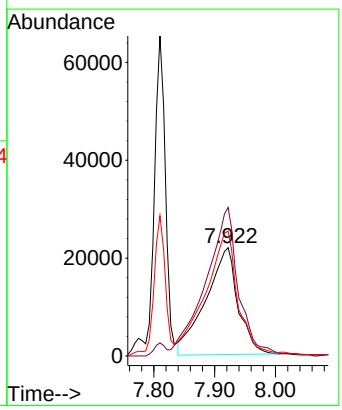
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

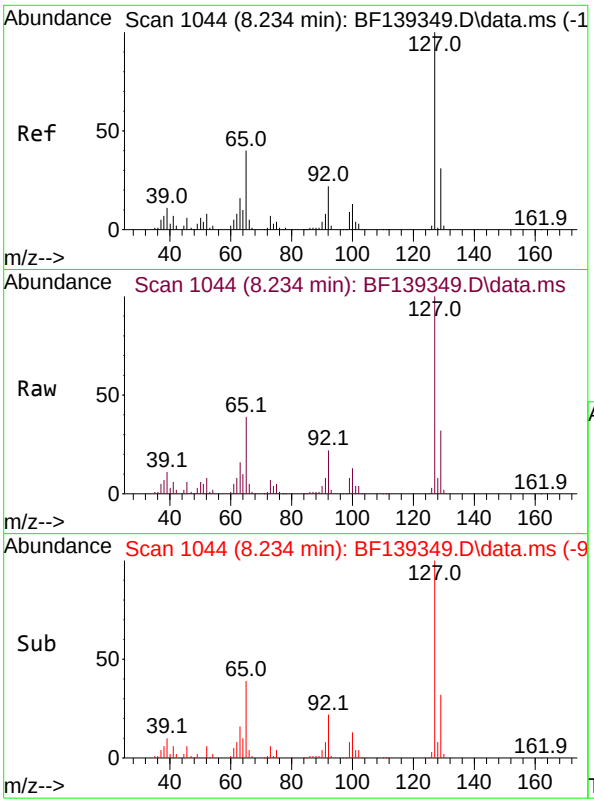


#32
Benzoic acid
Concen: 42.284 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:122 Resp: 80333

Ion	Ratio	Lower	Upper
122	100		
105	137.1	117.1	157.1
77	115.4	95.4	135.4

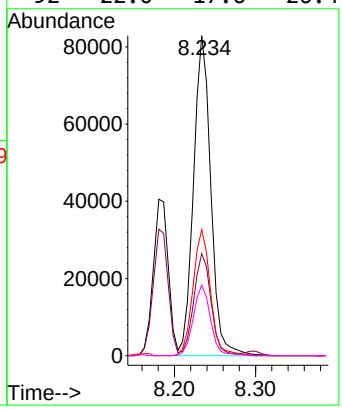




#33
4-Chloroaniline
Concen: 38.476 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:127 Resp: 12313

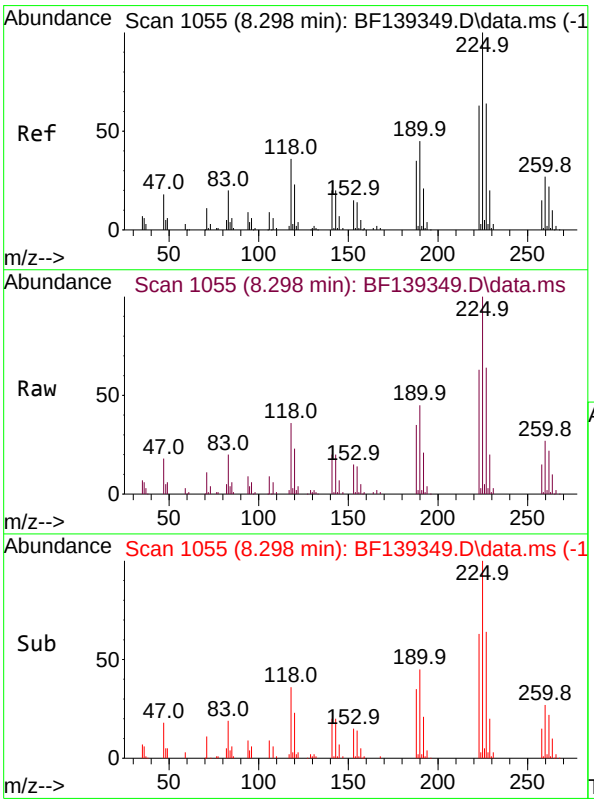
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	39.4	31.5	47.3
92	22.0	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

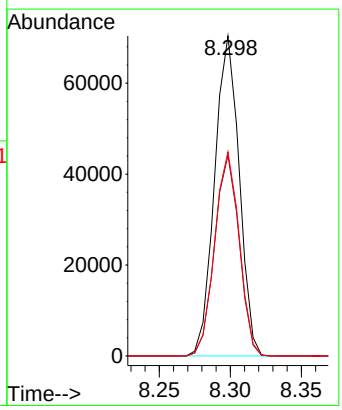
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

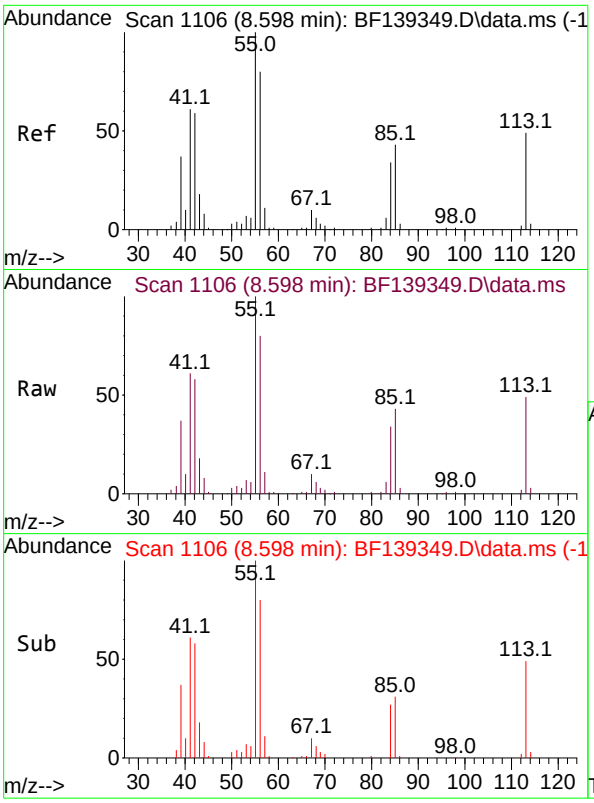


#34
Hexachlorobutadiene
Concen: 46.820 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:225 Resp: 84620

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.8	51.0	76.6

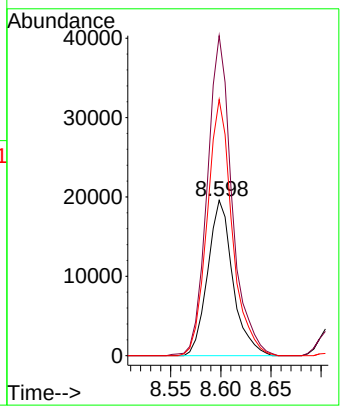




#35
Caprolactam
Concen: 44.115 ng
RT: 8.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:113 Resp: 3410

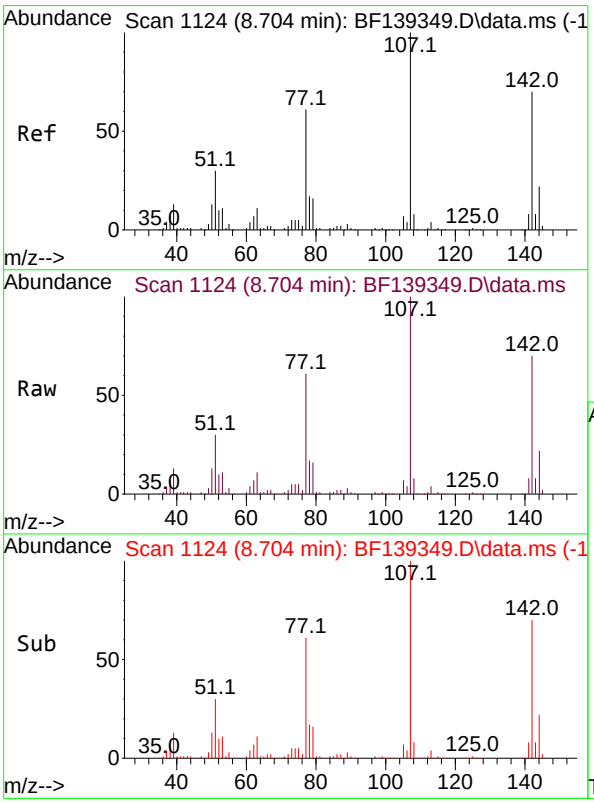
Ion	Ratio	Lower	Upper
113	100		
55	206.1	186.1	226.1
56	164.9	144.9	184.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

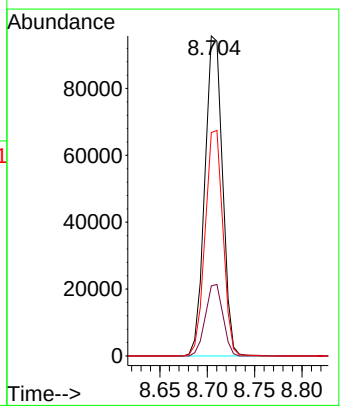
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

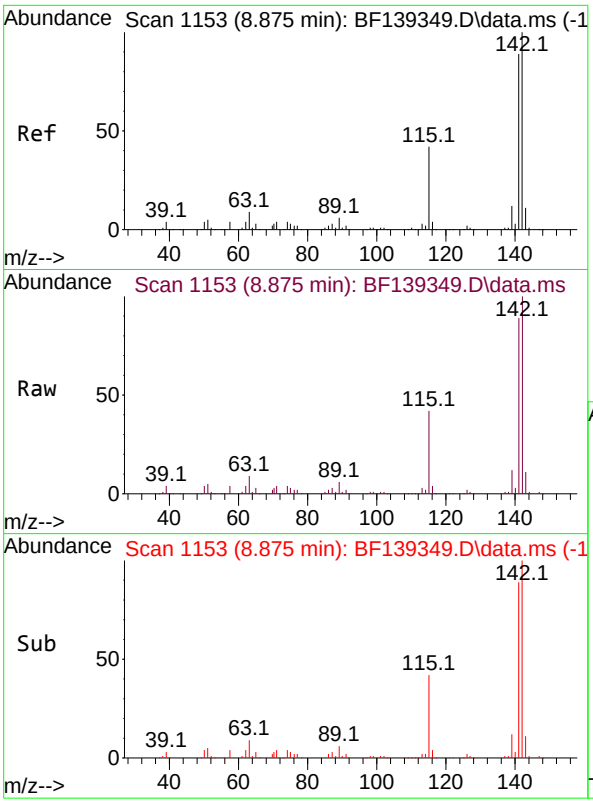


#36
4-Chloro-3-methylphenol
Concen: 45.688 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:107 Resp: 124337

Ion	Ratio	Lower	Upper
107	100		
144	21.9	17.5	26.3
142	69.8	55.8	83.8





#37
2-Methylnaphthalene
Concen: 42.953 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

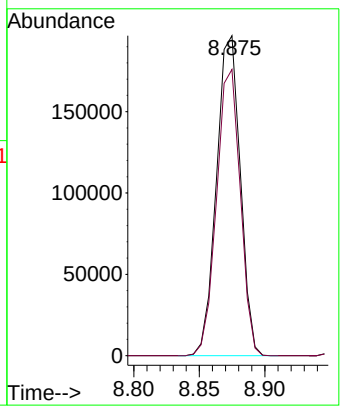
Tgt Ion:142 Resp: 24838

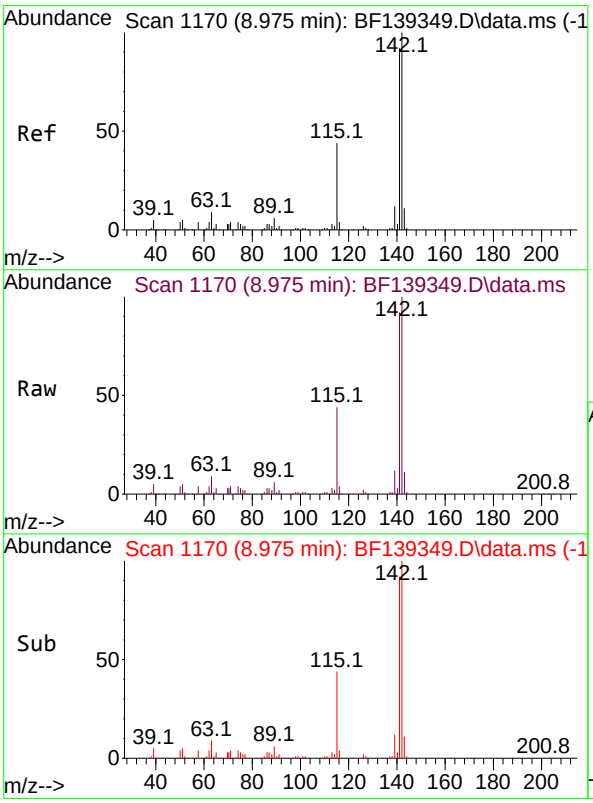
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

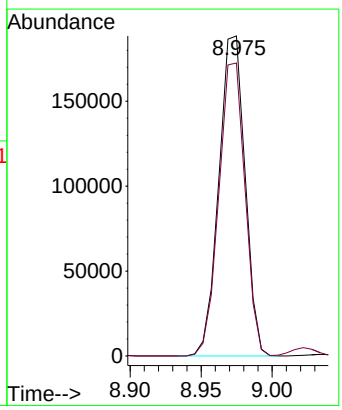


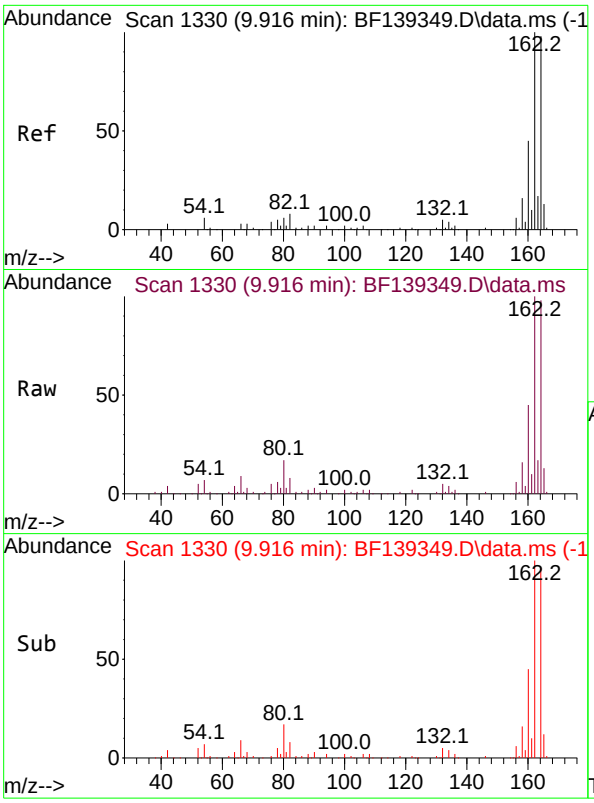


#38
1-Methylnaphthalene
Concen: 42.469 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:142 Resp: 241525

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8

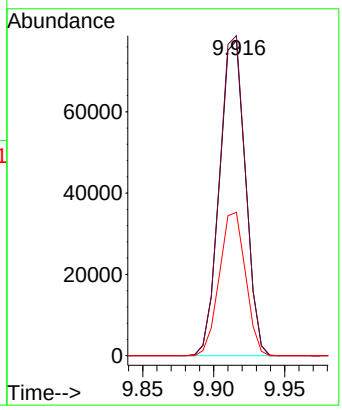




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:164 Resp: 9870

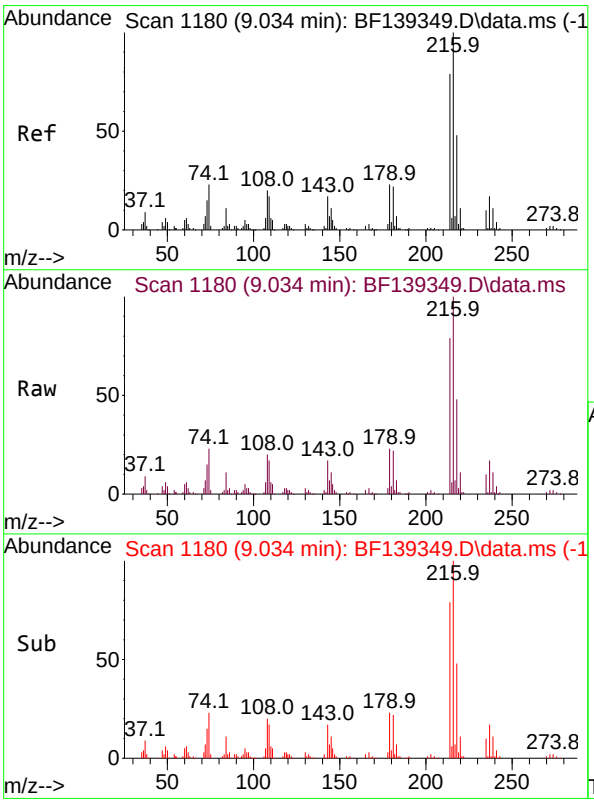
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	45.5	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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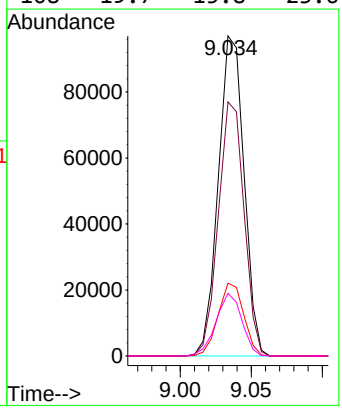
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

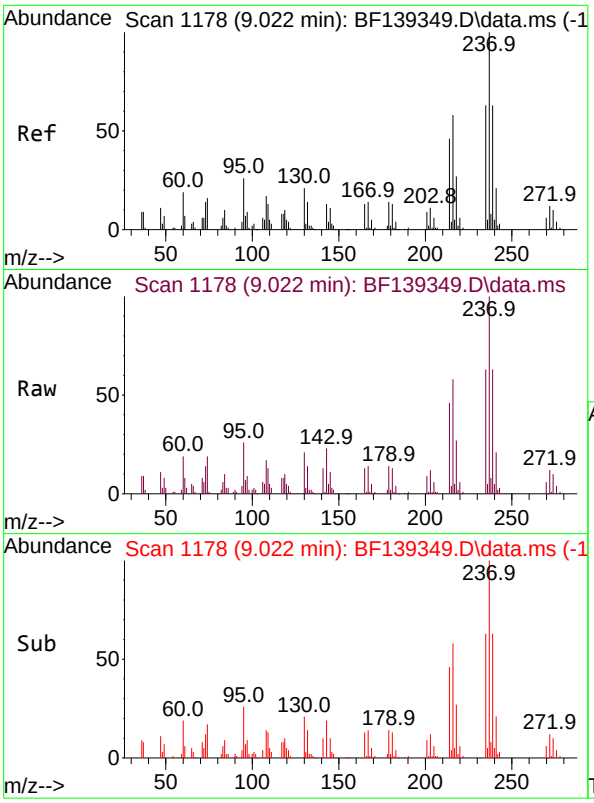


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.724 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:216 Resp: 122103

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.7	18.2	27.2
108	19.7	15.8	23.6

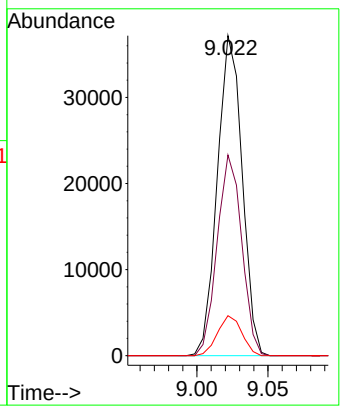




#41
Hexachlorocyclopentadiene
Concen: 50.294 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:237 Resp: 4513

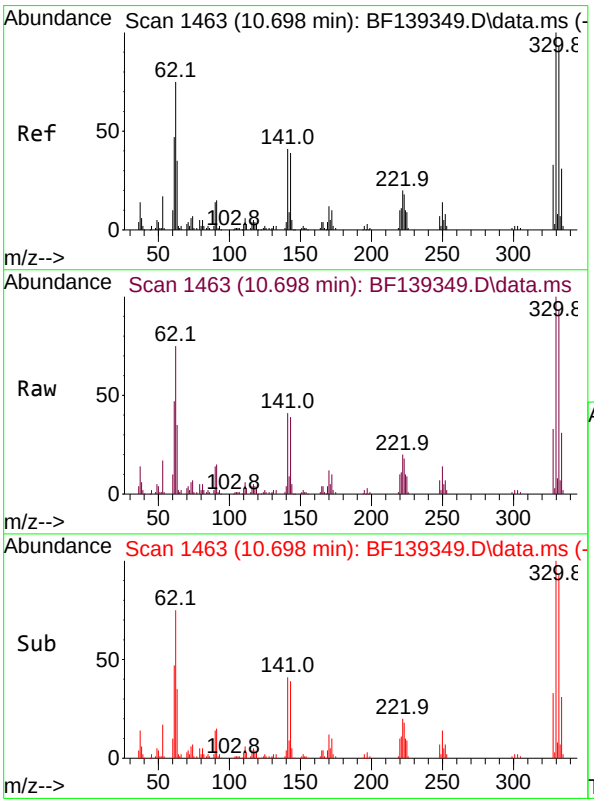
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	12.5	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

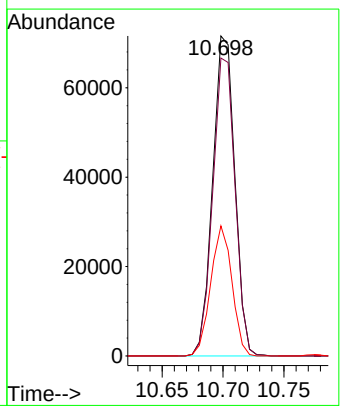
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

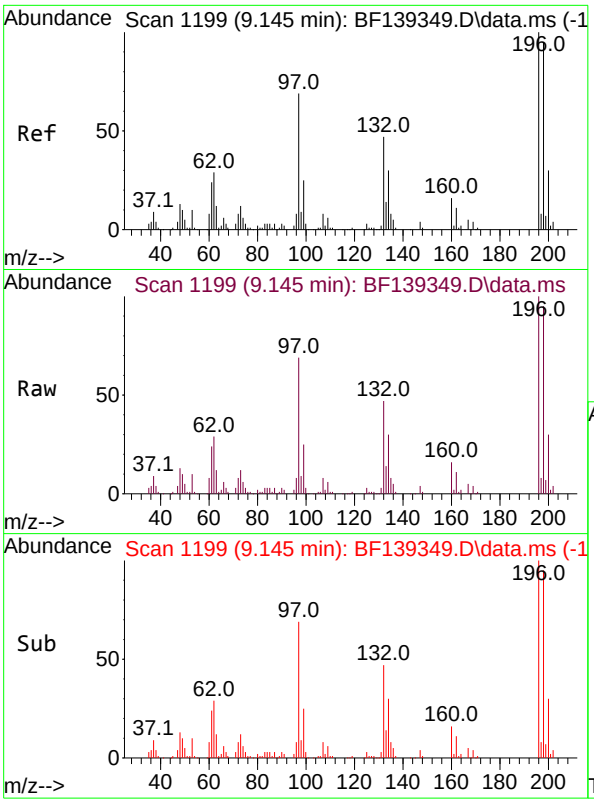


#42
2,4,6-Tribromophenol
Concen: 106.232 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:330 Resp: 90543

Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.2	112.8
141	39.0	31.2	46.8

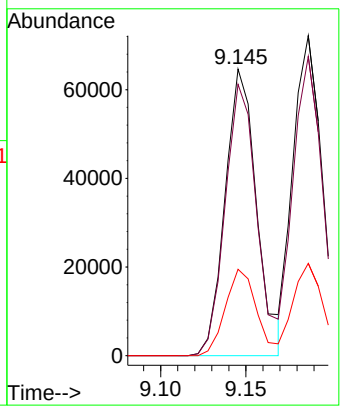




#43
2,4,6-Trichlorophenol
Concen: 45.538 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:196 Resp: 8320

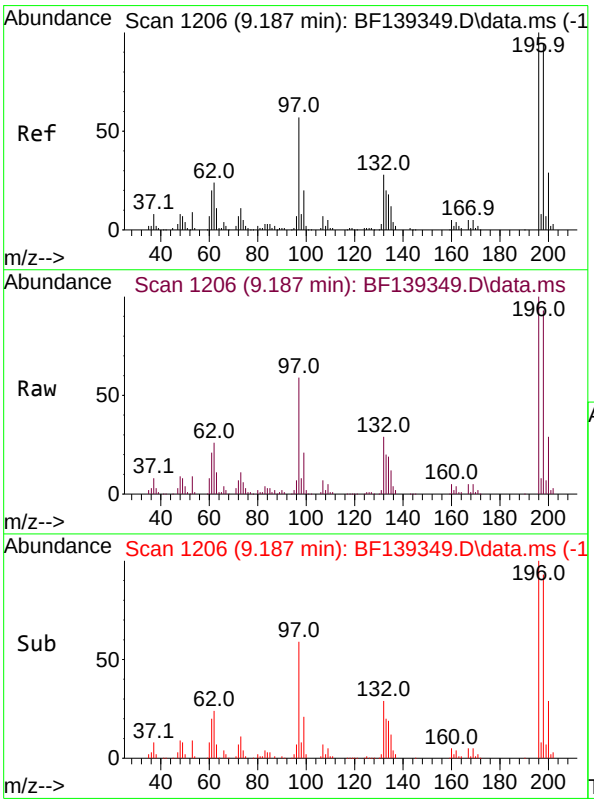
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
200	30.1	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

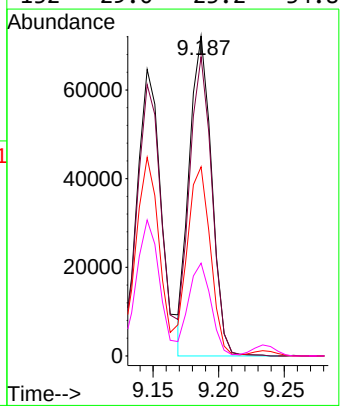
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

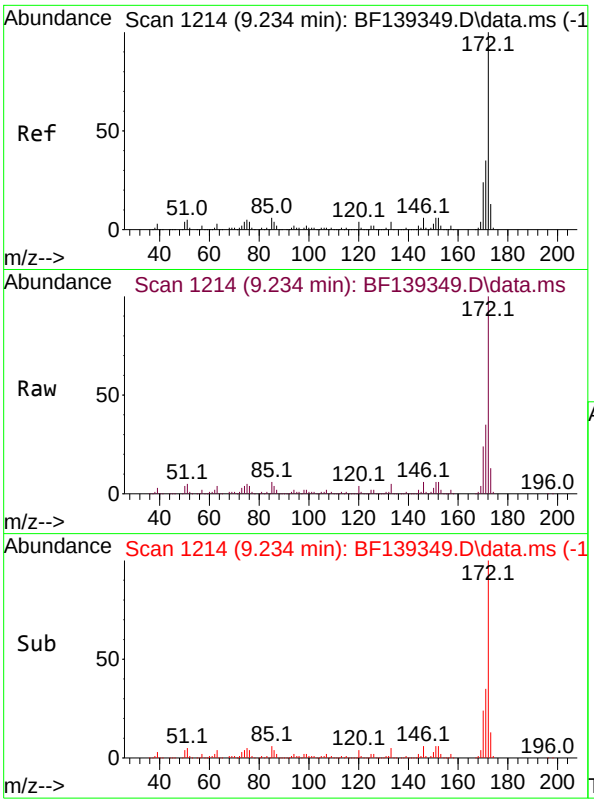


#44
2,4,5-Trichlorophenol
Concen: 44.767 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:196 Resp: 85716

Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.8	112.2
97	59.1	47.3	70.9
132	29.0	23.2	34.8

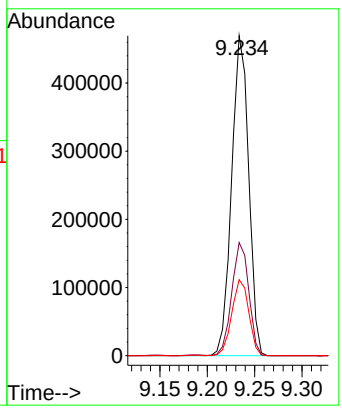




#45
2-Fluorobiphenyl
Concen: 92.034 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:172 Resp: 58847

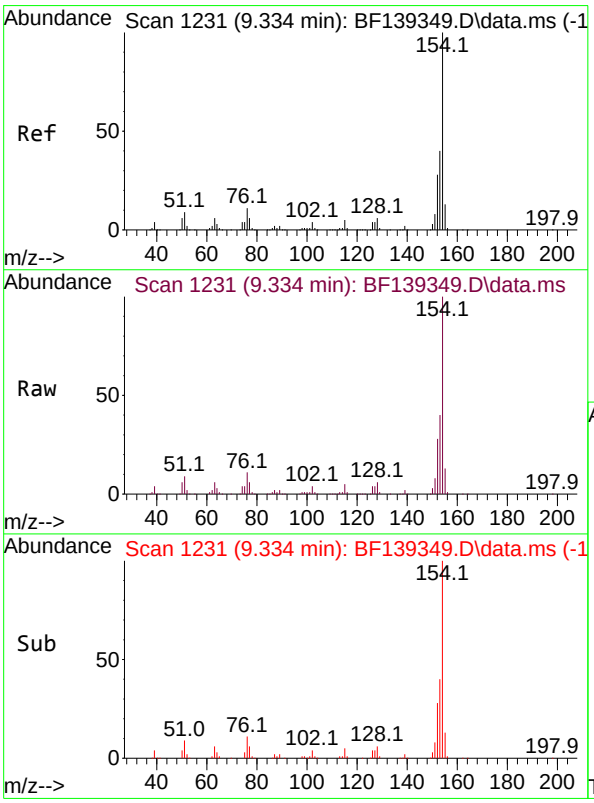
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.8	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

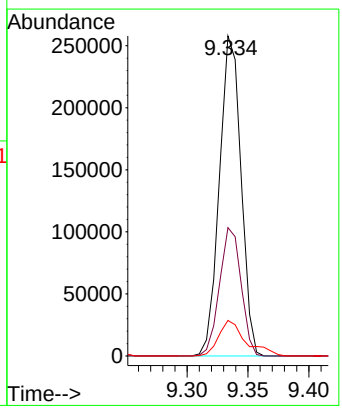
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

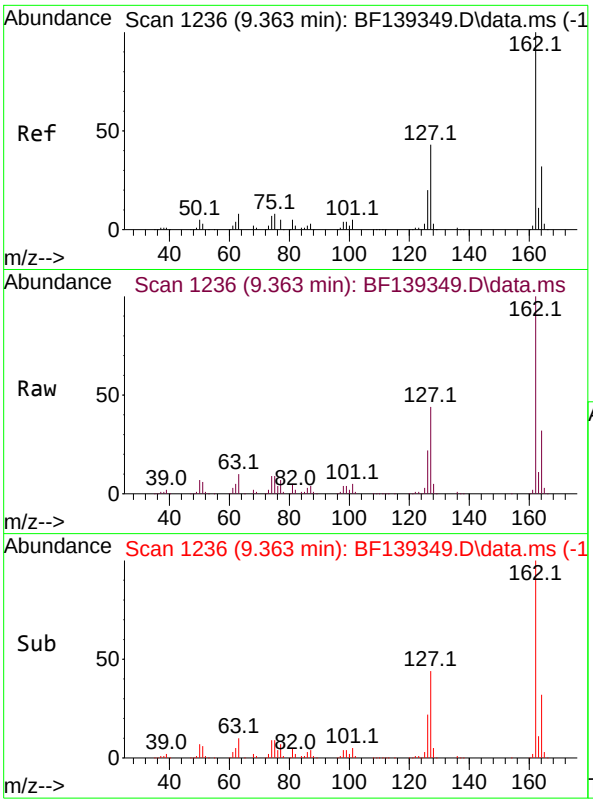


#46
1,1'-Biphenyl
Concen: 43.531 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 318340

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	11.1	0.0	31.1

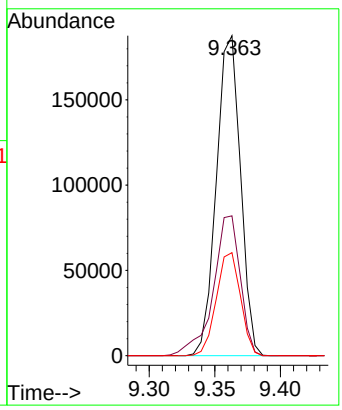




#47
2-Chloronaphthalene
Concen: 43.438 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:162 Resp: 23985

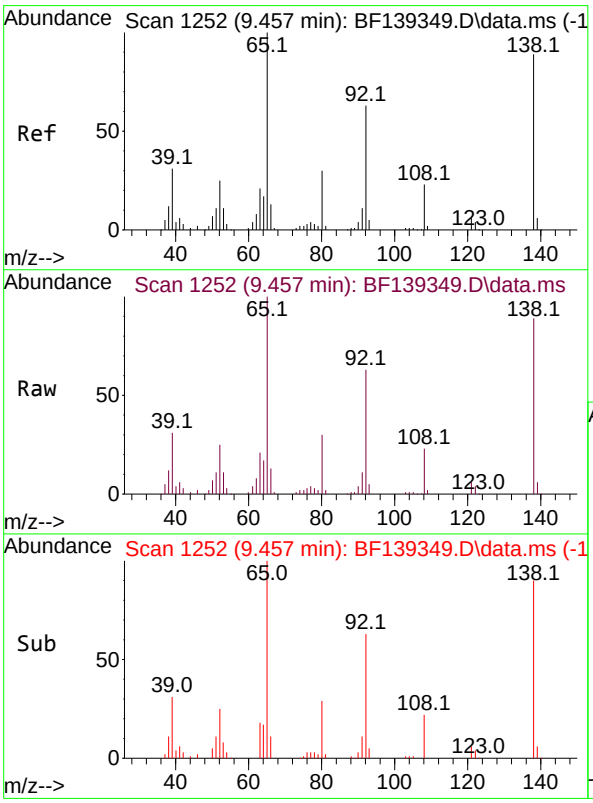
Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.0	52.4
164	32.2	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

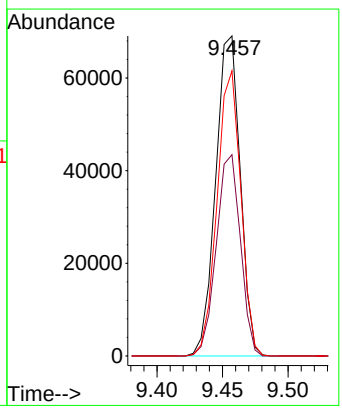
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

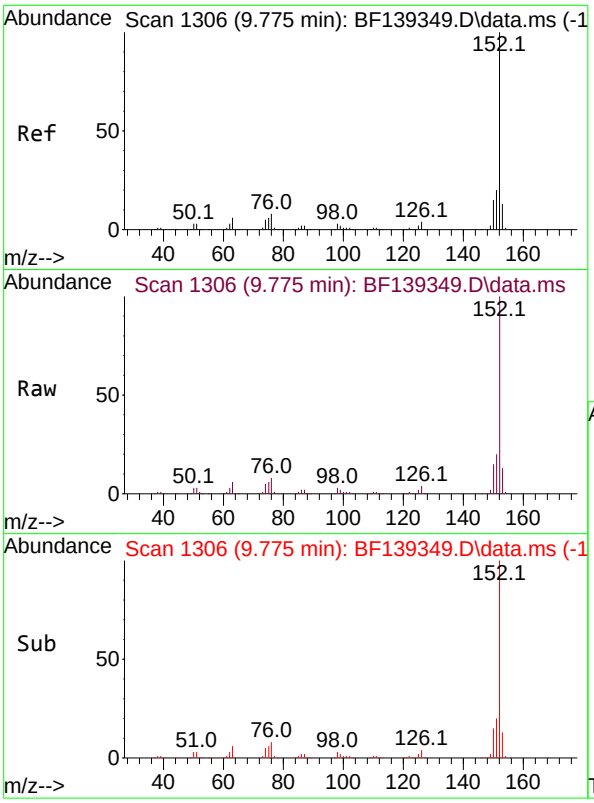


#48
2-Nitroaniline
Concen: 47.281 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 65 Resp: 89926

Ion	Ratio	Lower	Upper
65	100		
92	62.9	50.3	75.5
138	89.1	71.3	106.9

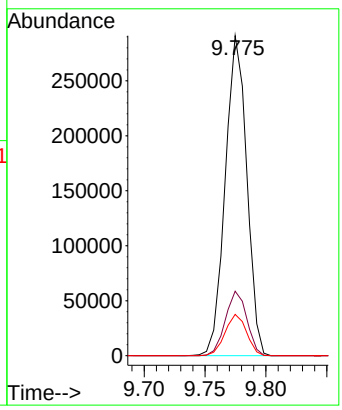




#49
Acenaphthylene
Concen: 43.067 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:152 Resp: 35818

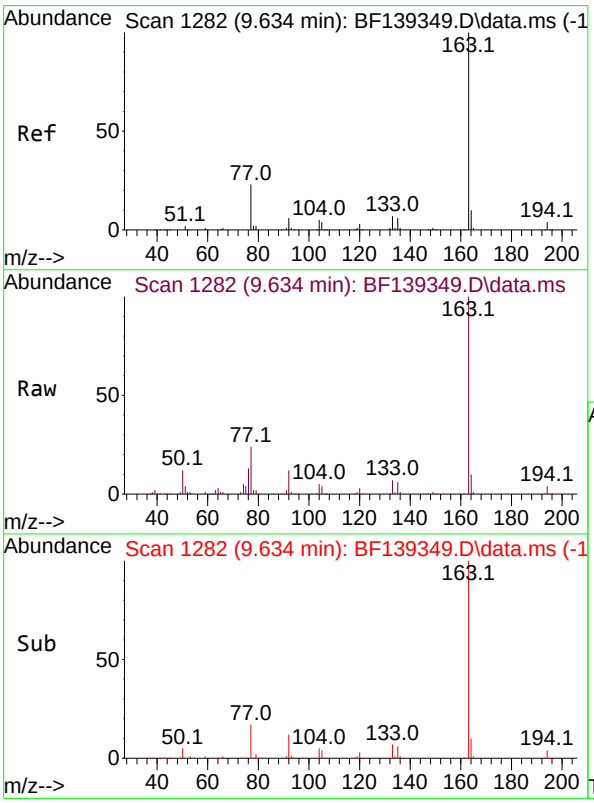
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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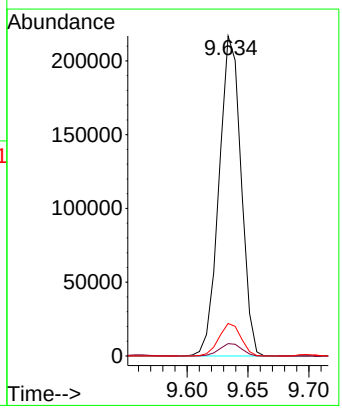
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

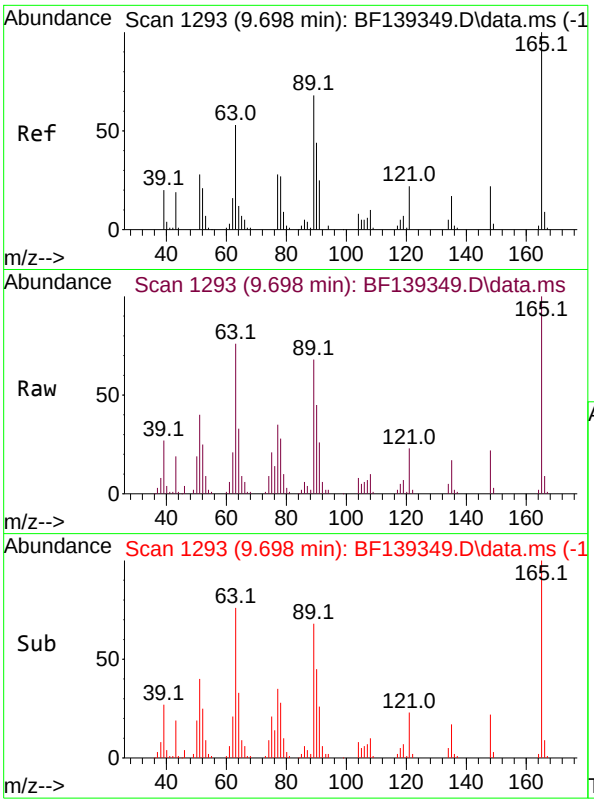


#50
Dimethylphthalate
Concen: 45.599 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:163 Resp: 272789

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.483 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

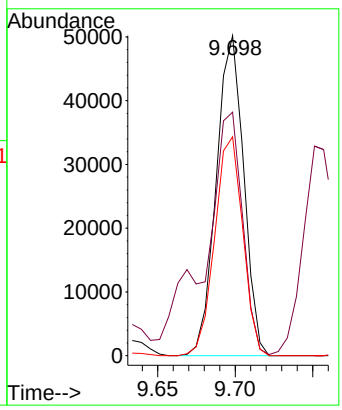
Tgt Ion:165 Resp: 6172

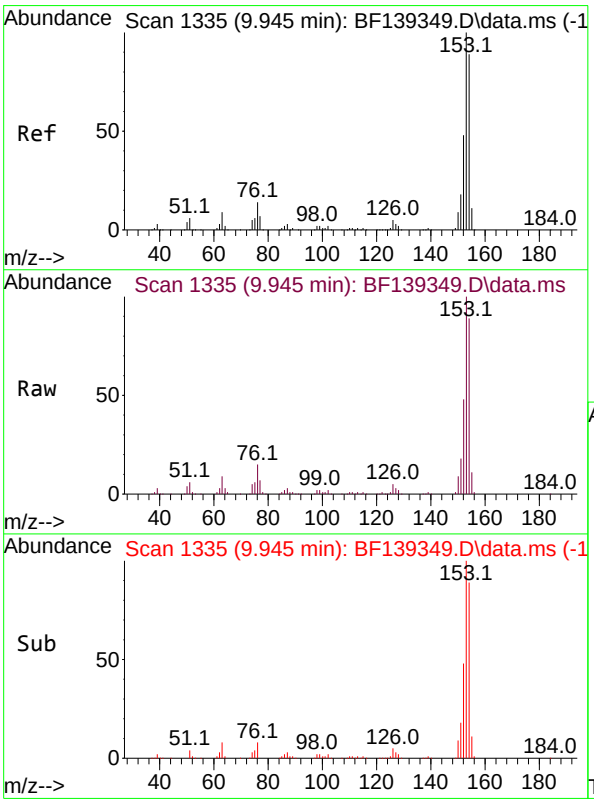
Ion	Ratio	Lower	Upper
165	100		
63	76.1	60.9	91.3
89	68.4	54.7	82.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

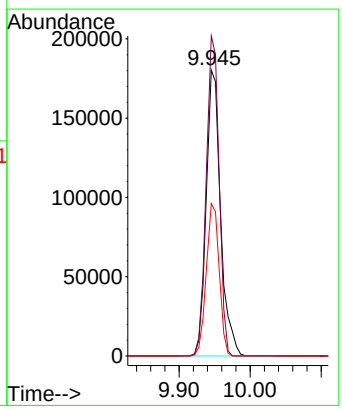


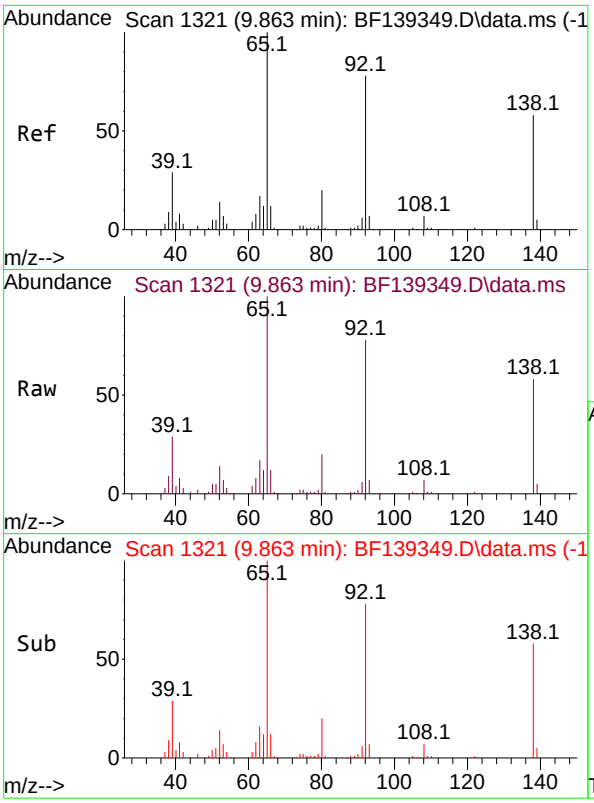


#52
Acenaphthene
Concen: 46.146 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 254549

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.3	42.6	64.0





#53
3-Nitroaniline
Concen: 43.492 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

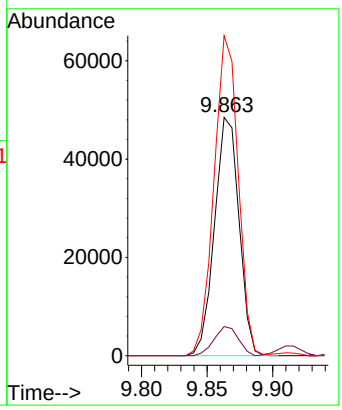
Tgt Ion:138 Resp: 6288

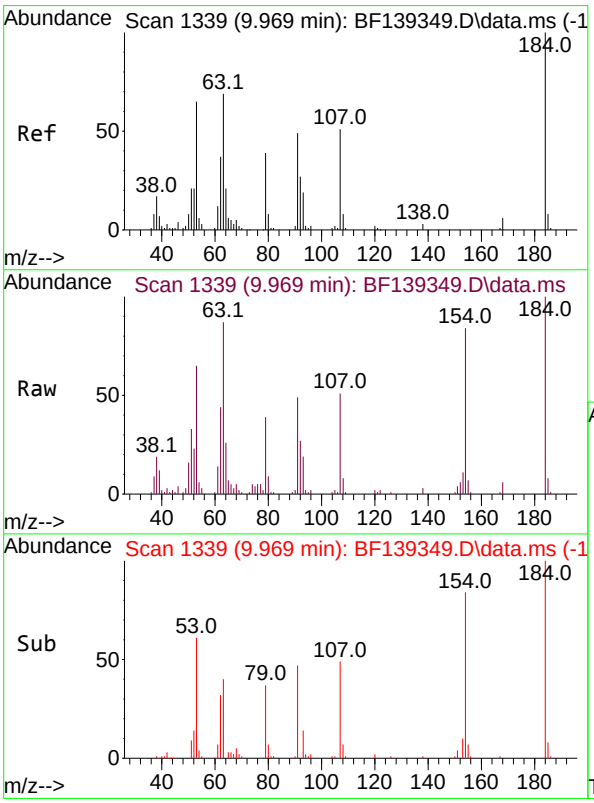
Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.8	14.8
92	134.3	107.4	161.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

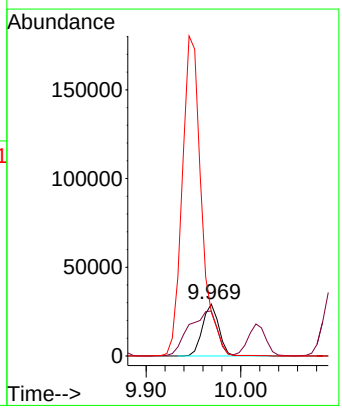


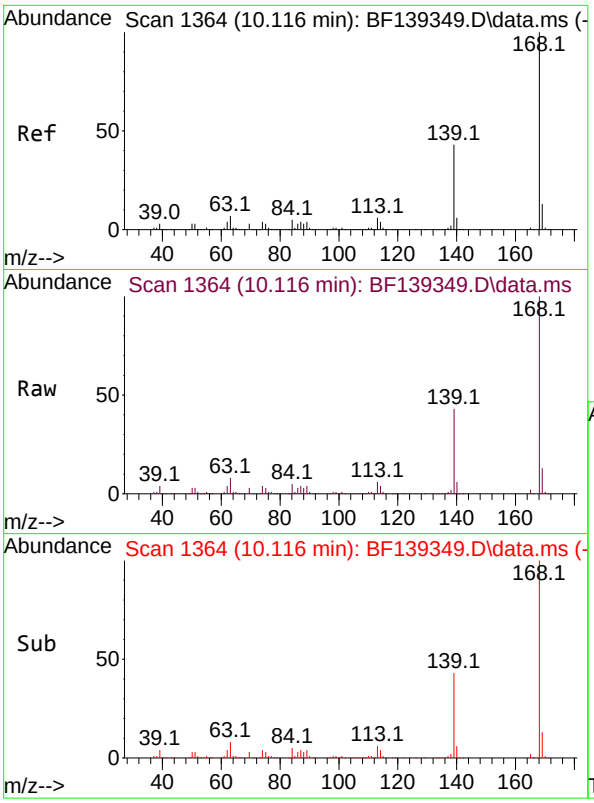


#54
2,4-Dinitrophenol
Concen: 60.625 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:184 Resp: 35233

Ion	Ratio	Lower	Upper
184	100		
63	86.6	69.3	103.9
154	84.4	67.5	101.3

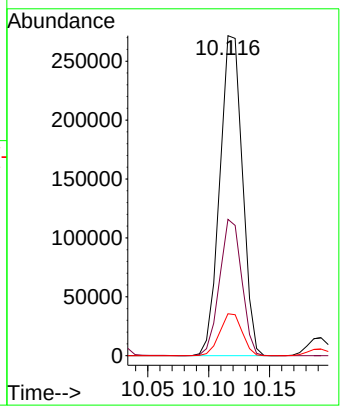




#55
Dibenzofuran
Concen: 44.435 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:168 Resp: 35141

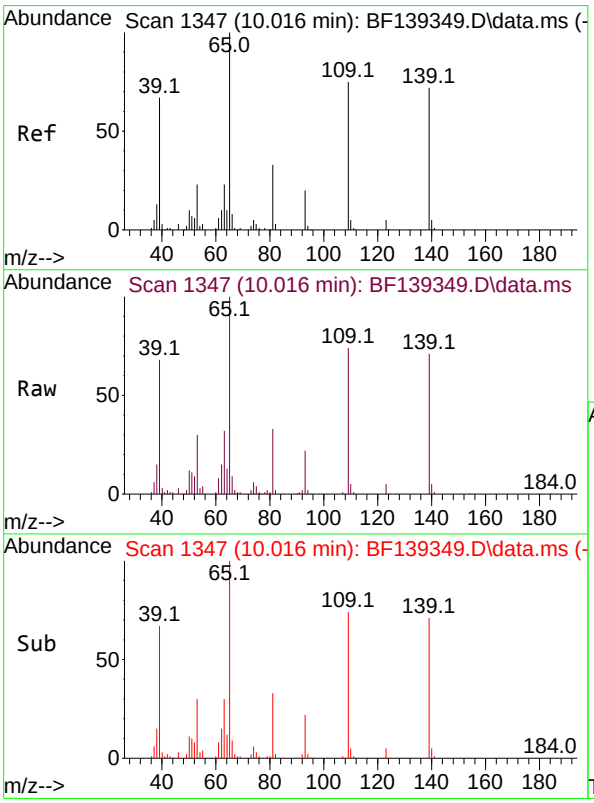
Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.1	51.1
169	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

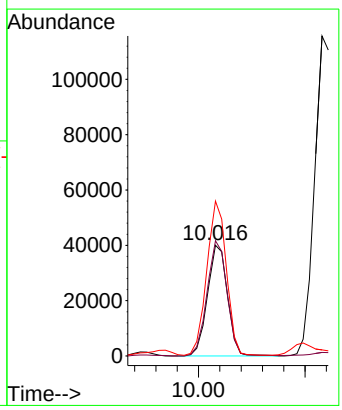
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

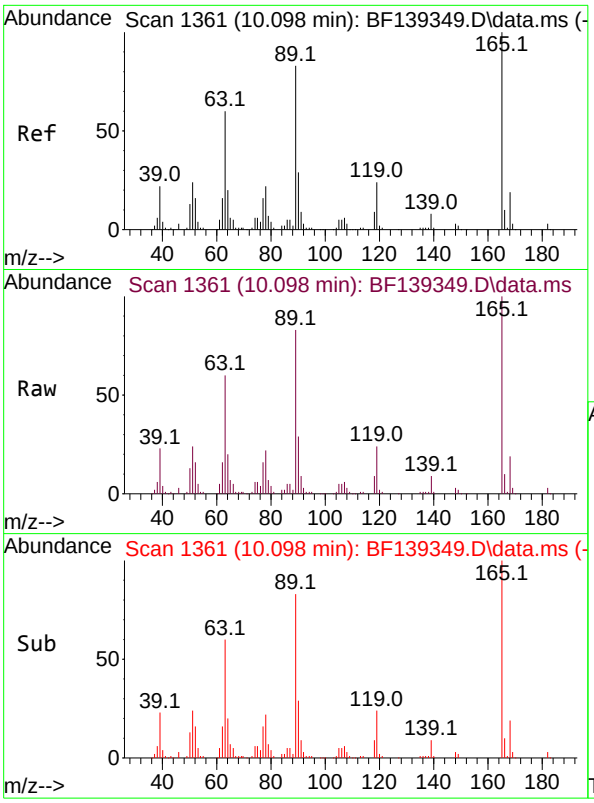


#56
4-Nitrophenol
Concen: 48.904 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 52194

Ion	Ratio	Lower	Upper
139	100		
109	104.1	84.1	124.1
65	140.0	120.0	160.0

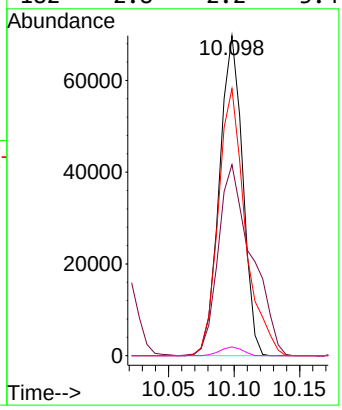




#57
2,4-Dinitrotoluene
Concen: 49.629 ng
RT: 10.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:165 Resp: 8573

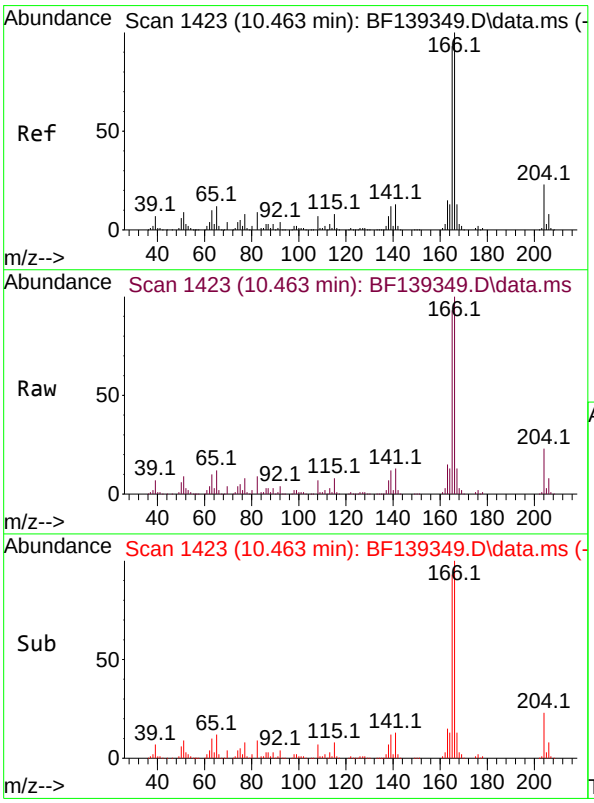
Ion	Ratio	Lower	Upper
165	100		
63	59.7	47.8	71.6
89	83.4	66.7	100.1
182	2.8	2.2	3.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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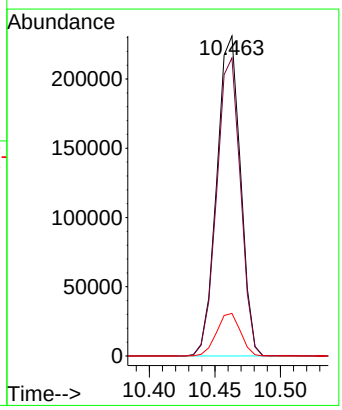
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

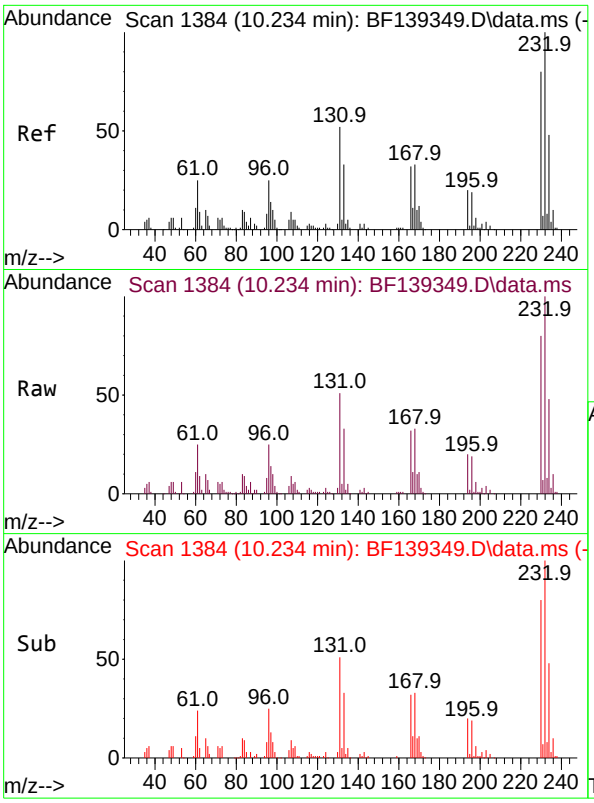


#58
Fluorene
Concen: 47.395 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:166 Resp: 290609

Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.5	111.7
167	13.3	10.6	16.0

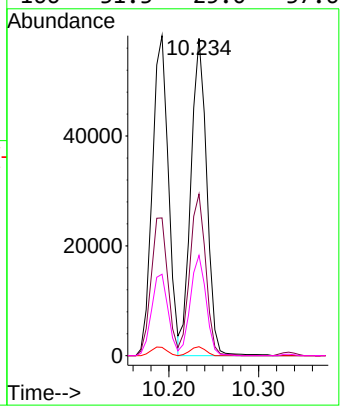




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.051 ng
RT: 10.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:232 Resp: 7091

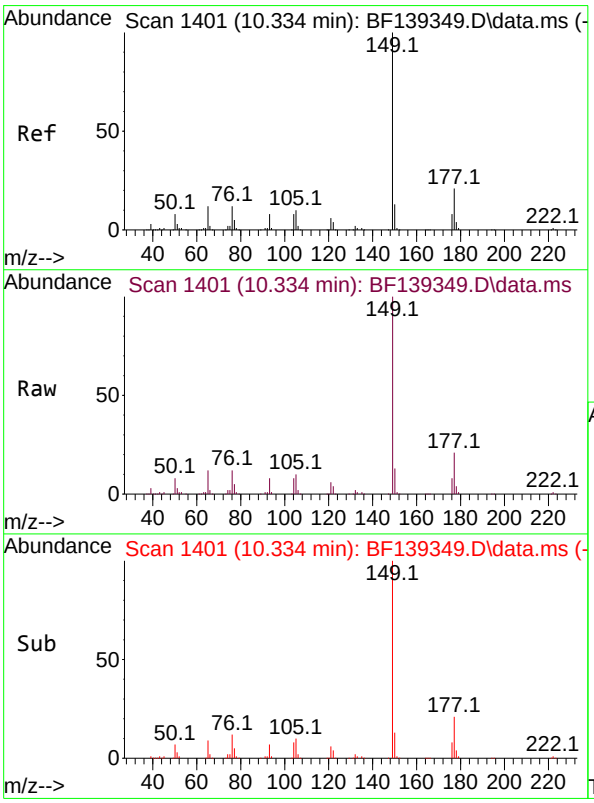
Ion	Ratio	Lower	Upper
232	100		
131	50.9	40.7	61.1
130	2.7	2.2	3.2
166	31.3	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

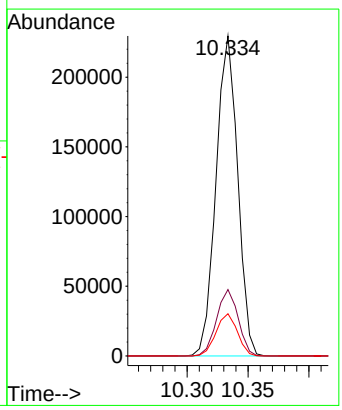
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

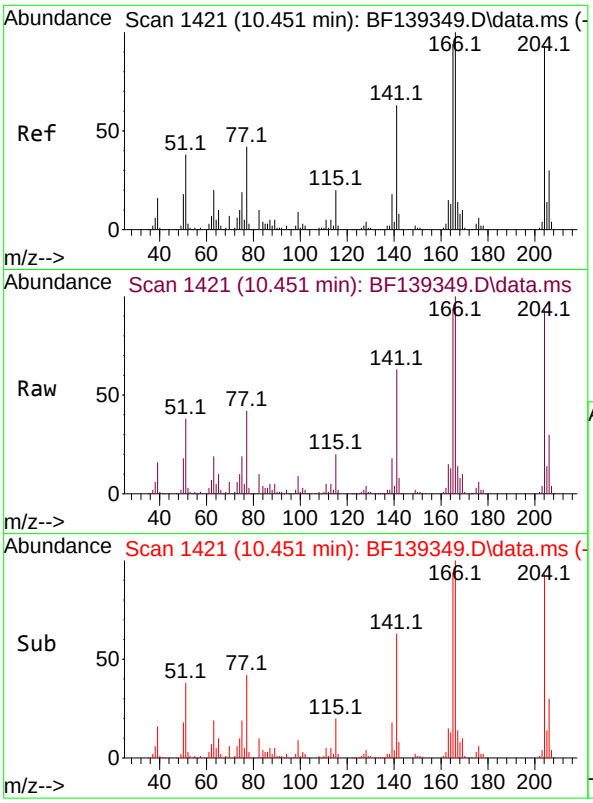


#60
Diethylphthalate
Concen: 48.283 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 284254

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.6	24.8
150	13.2	10.6	15.8





#61
4-Chlorophenyl-phenylether
Concen: 47.037 ng
RT: 10.451 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

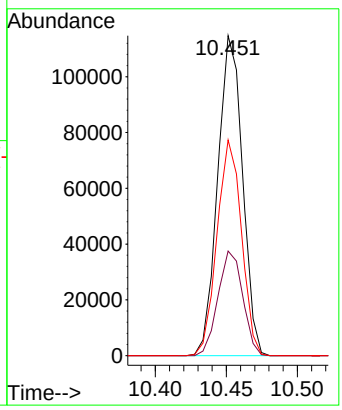
Tgt Ion:204 Resp: 13908

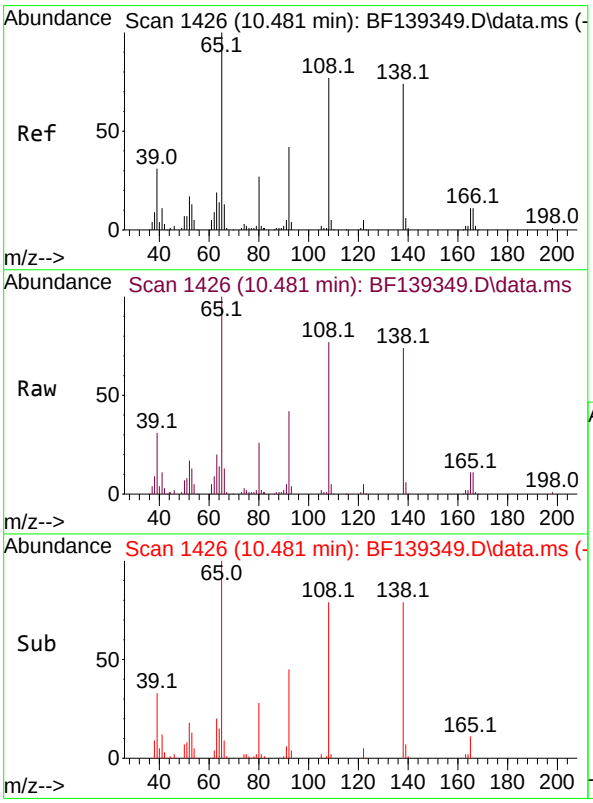
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	67.4	53.9	80.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

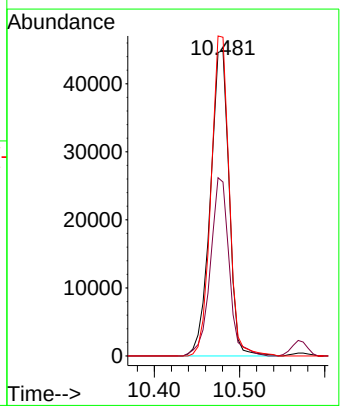


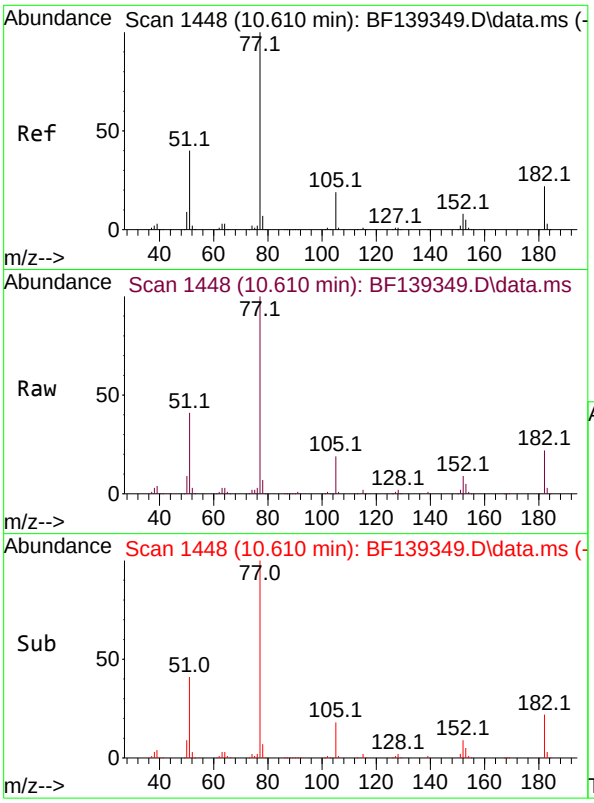


#62
4-Nitroaniline
Concen: 49.885 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:138 Resp: 68663

Ion	Ratio	Lower	Upper
138	100		
92	57.0	37.0	77.0
108	104.4	84.4	124.4

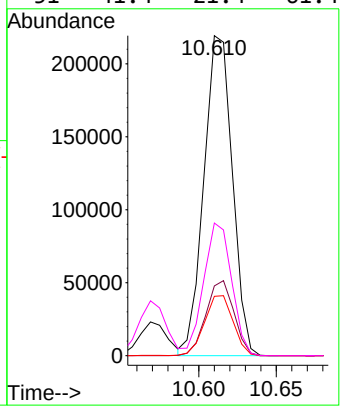




#63
Azobenzene
Concen: 45.262 ng
RT: 10.610 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 77 Resp: 28084

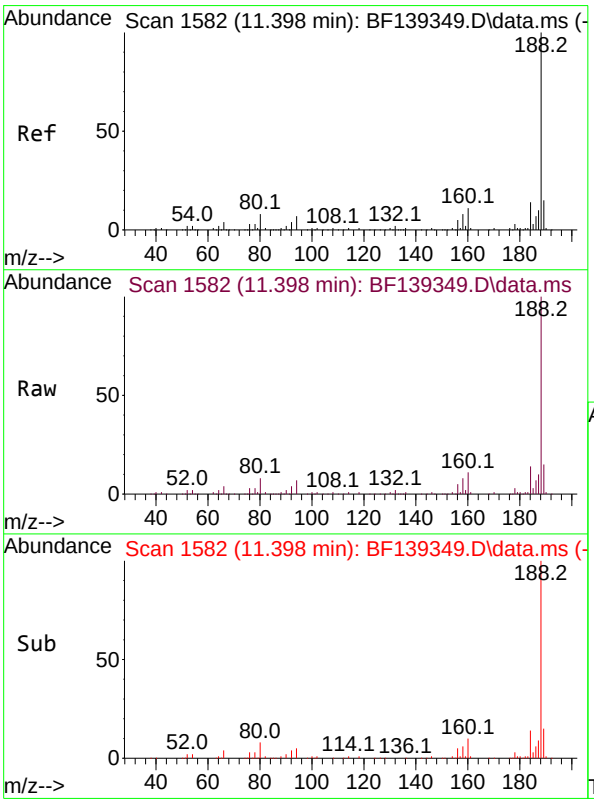
Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.8	41.8
105	18.6	0.0	38.6
51	41.4	21.4	61.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

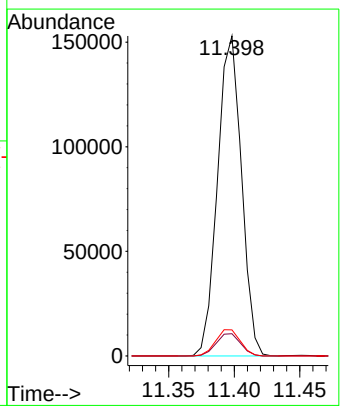
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

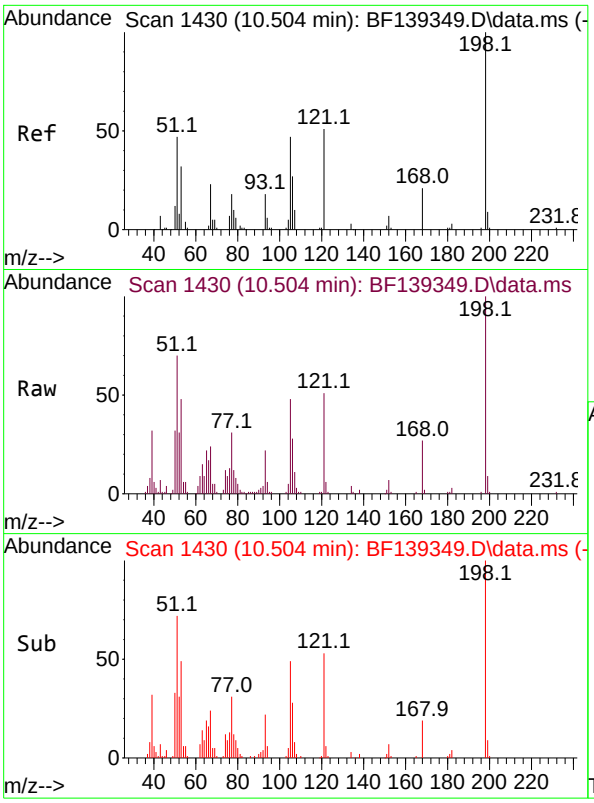


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:188 Resp: 194097

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.2	6.6	9.8

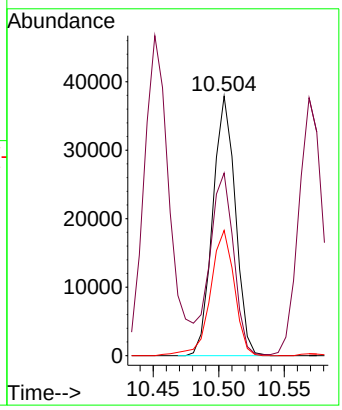




#65
4,6-Dinitro-2-methylphenol
Concen: 50.489 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:198 Resp: 4528

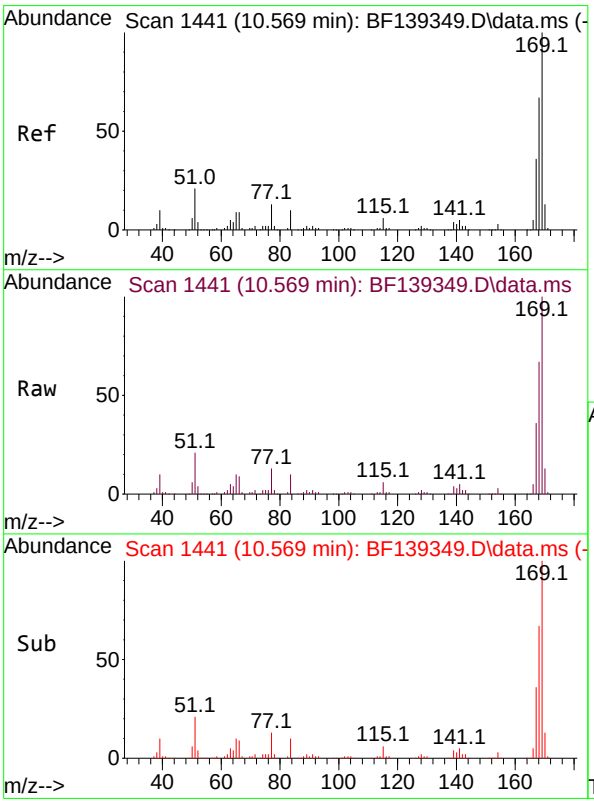
Ion	Ratio	Lower	Upper
198	100		
51	70.4	50.4	90.4
105	48.3	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

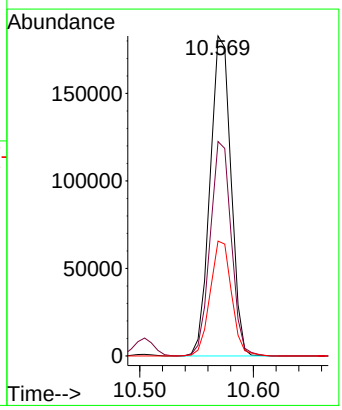
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

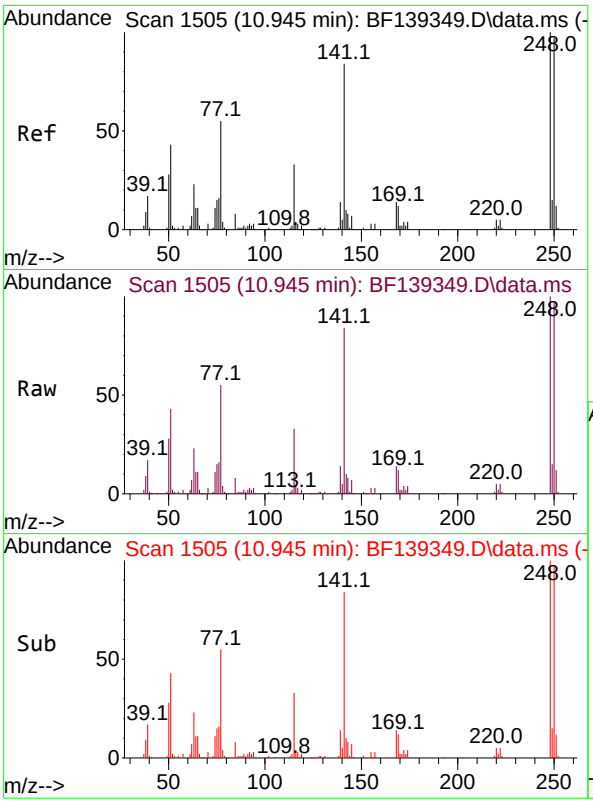


#66
n-Nitrosodiphenylamine
Concen: 41.289 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:169 Resp: 233278

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.6	80.4
167	35.9	28.7	43.1

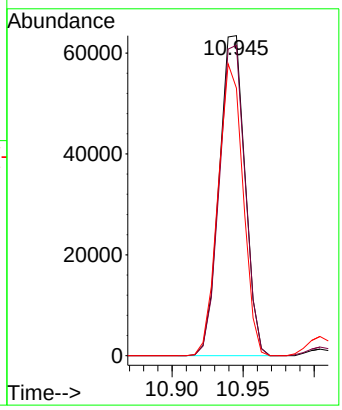




#67
4-Bromophenyl-phenylether
Concen: 42.574 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:248 Resp: 8017

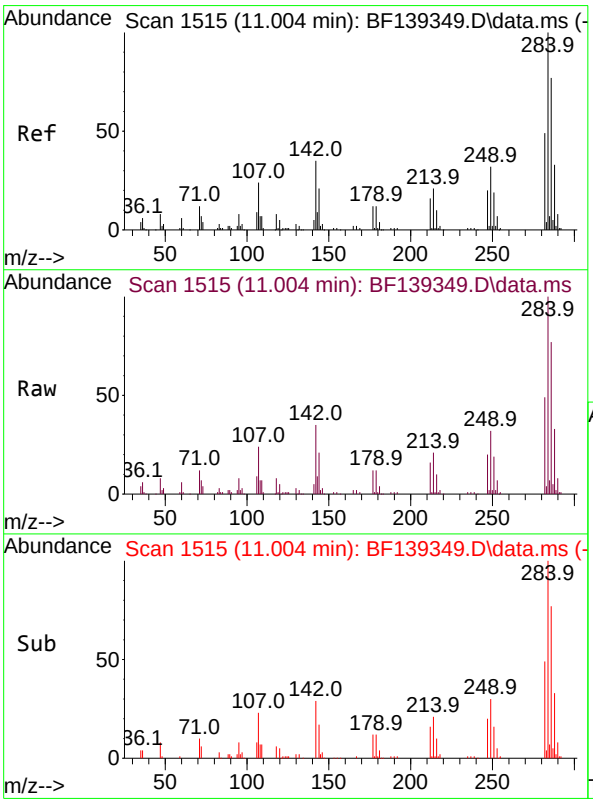
Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.6	116.4
141	83.6	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

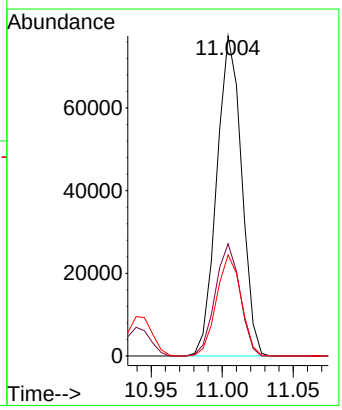
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

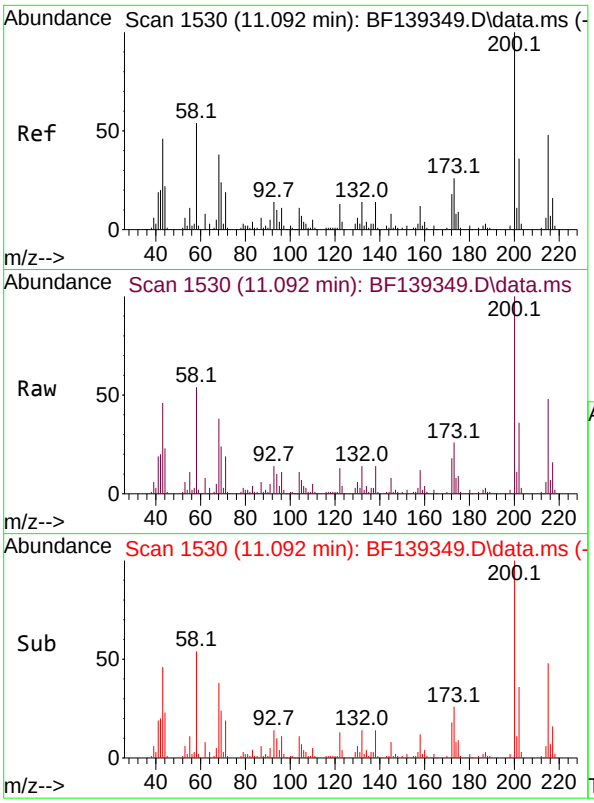


#68
Hexachlorobenzene
Concen: 43.730 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:284 Resp: 94276

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.0	42.0
249	31.6	25.3	37.9

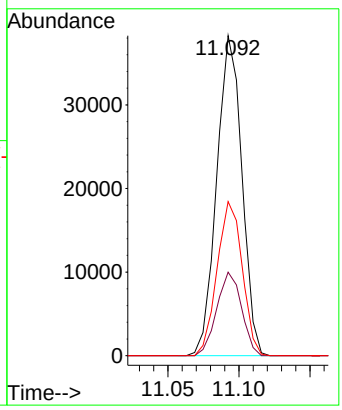




#69
Atrazine
Concen: 36.119 ng
RT: 11.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:200 Resp: 4708

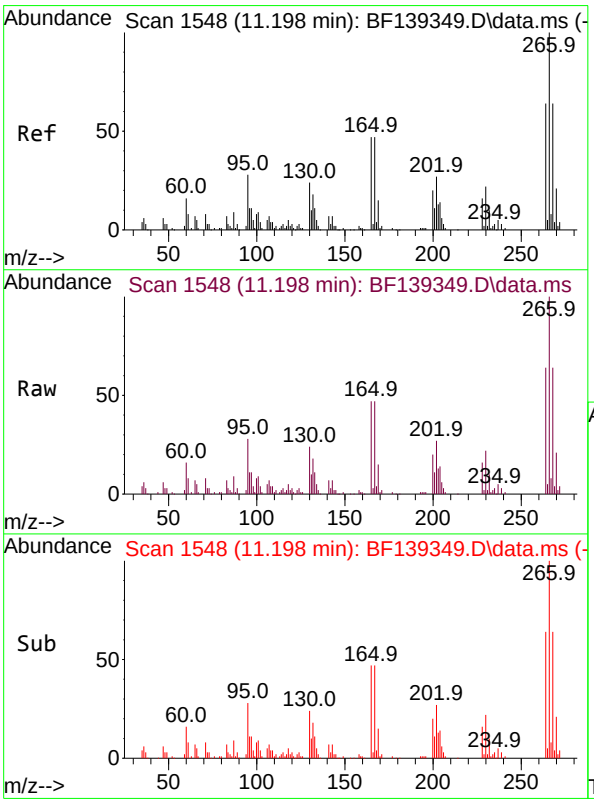
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	48.2	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

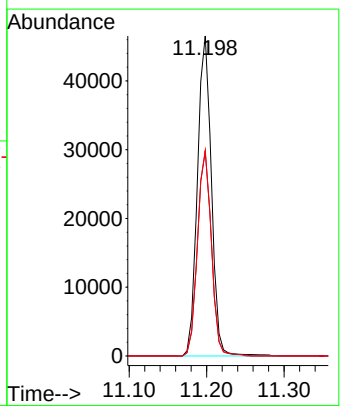
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

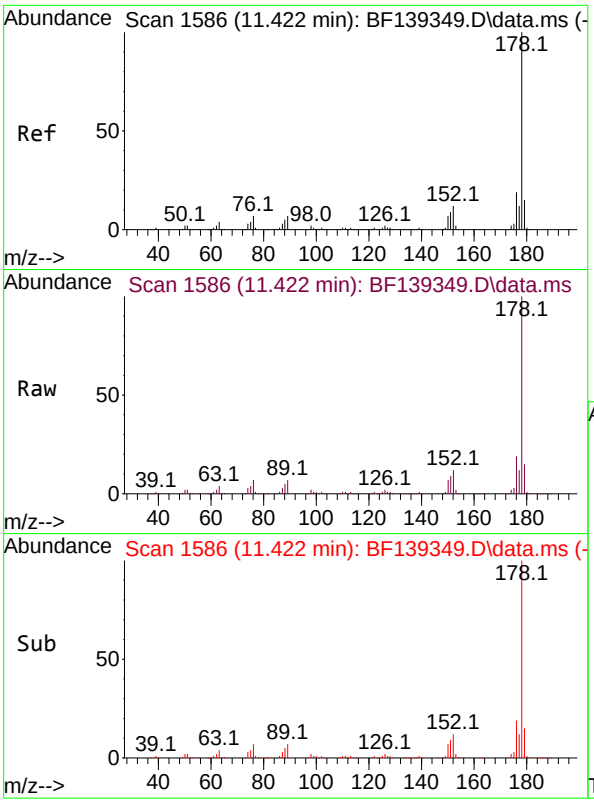


#70
Pentachlorophenol
Concen: 46.813 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:266 Resp: 58297

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.2	51.4	77.0

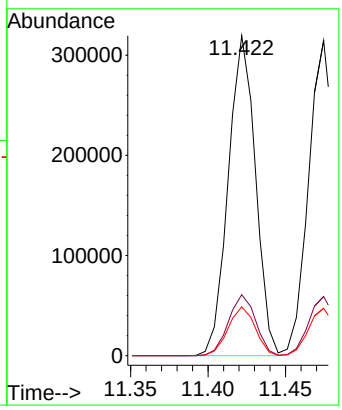




#71
Phenanthrene
Concen: 42.974 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:178 Resp: 38966

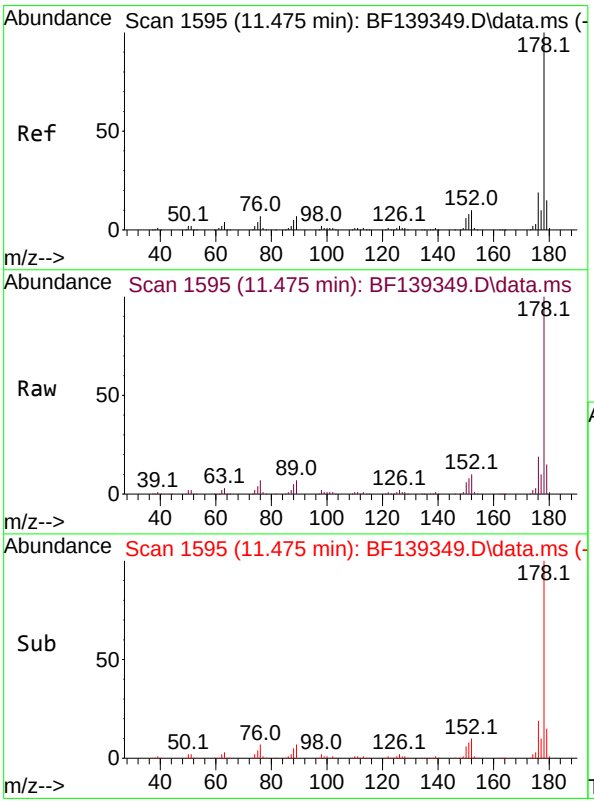
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

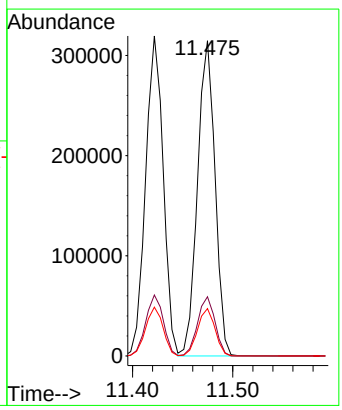
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

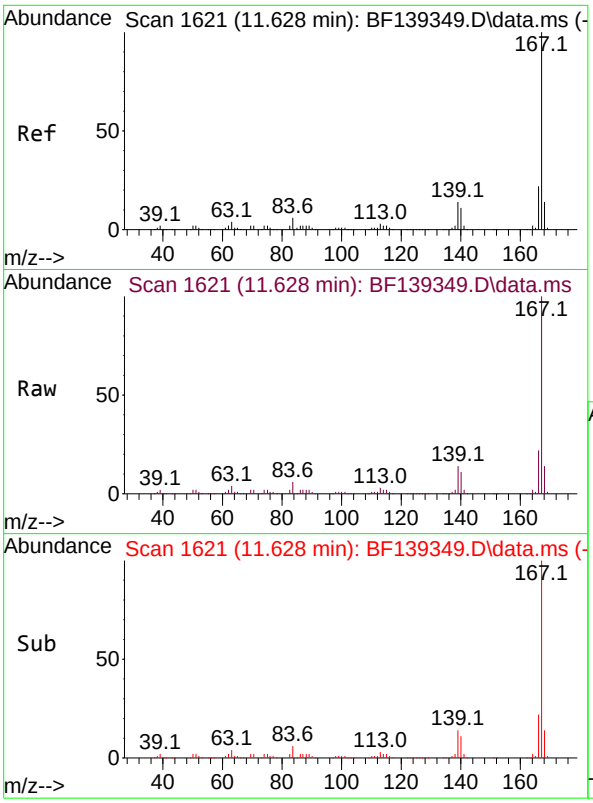


#72
Anthracene
Concen: 43.252 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:178 Resp: 383110

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.0	12.0	18.0

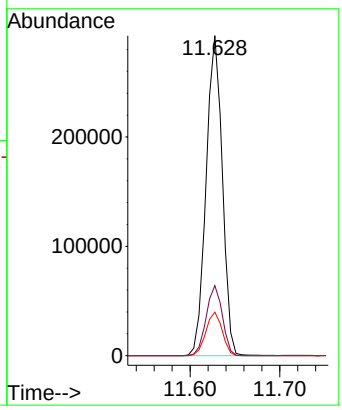




#73
Carbazole
Concen: 44.344 ng
RT: 11.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:167 Resp: 36710

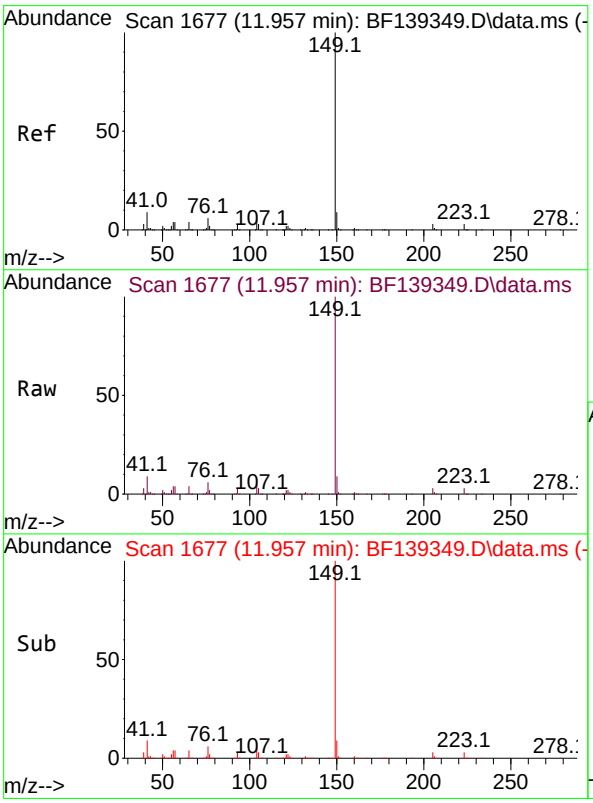
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

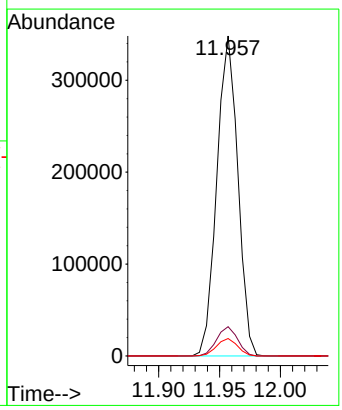
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

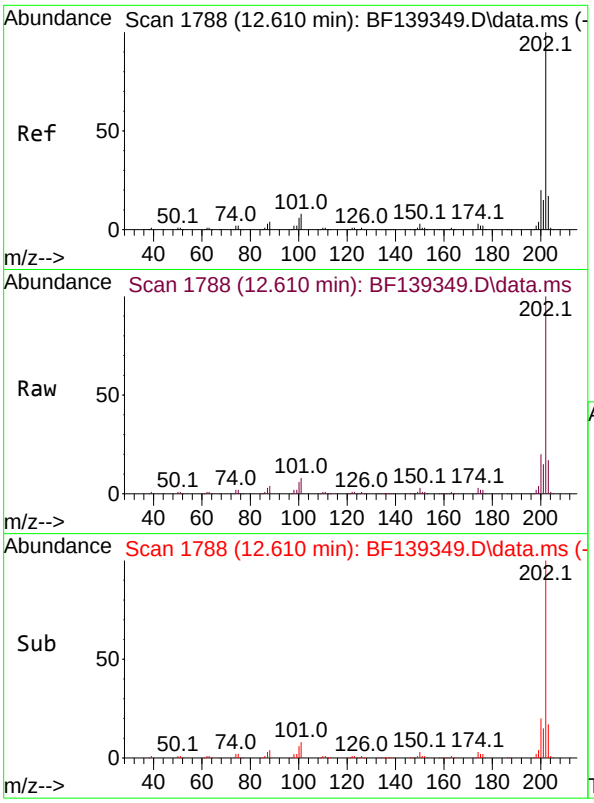


#74
Di-n-butylphthalate
Concen: 49.242 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 417404

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.4	4.3	6.5

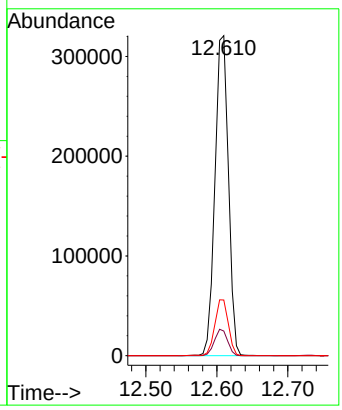




#75
Fluoranthene
Concen: 46.325 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:202 Resp: 42111

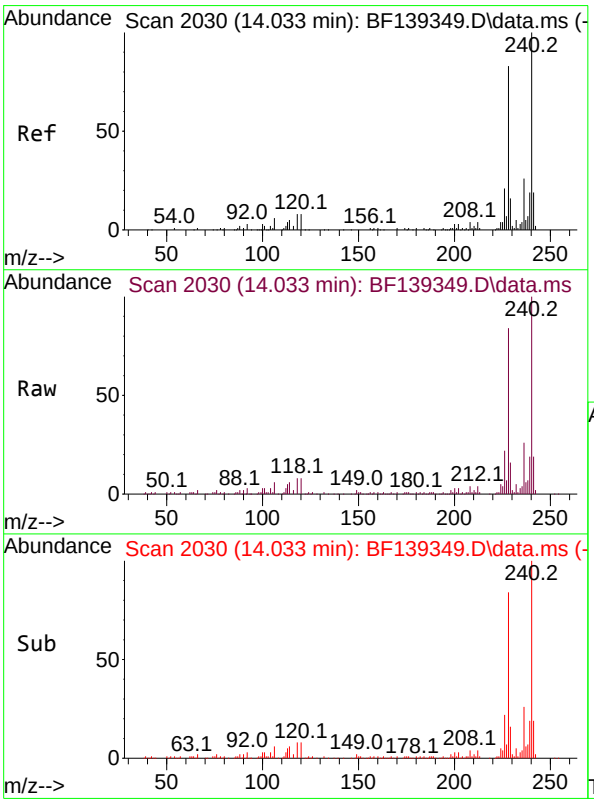
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.7
203	17.4	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

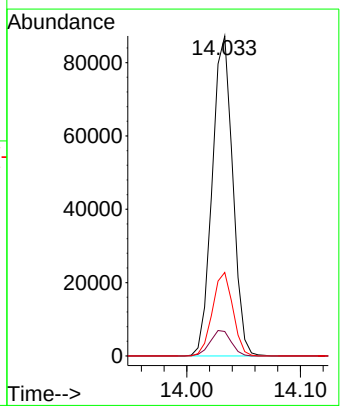
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

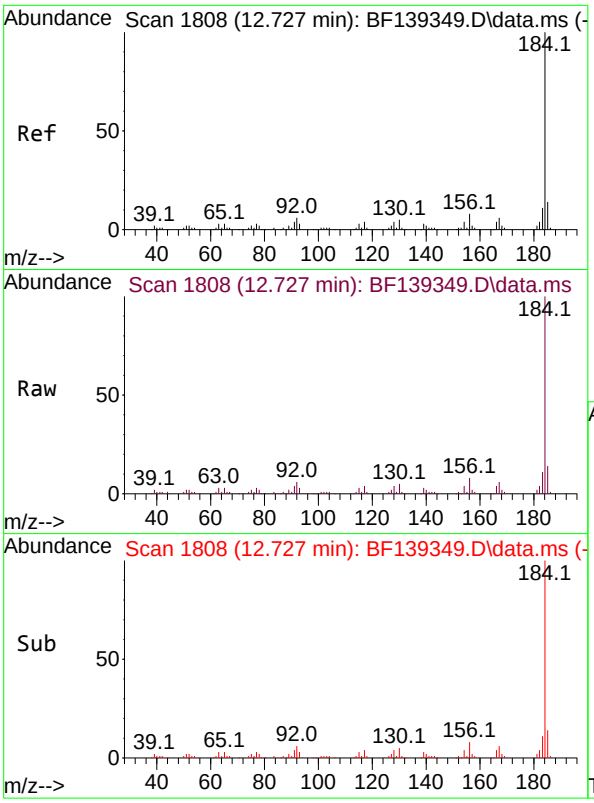


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:240 Resp: 109489

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.2
236	26.1	20.9	31.3

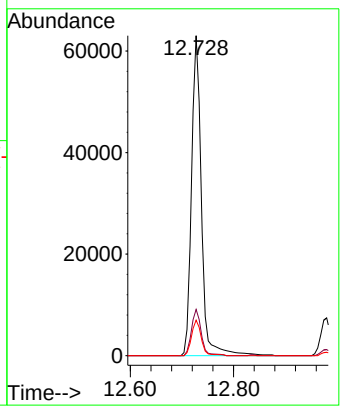




#77
Benzidine
Concen: 38.138 ng
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:184 Resp: 8408

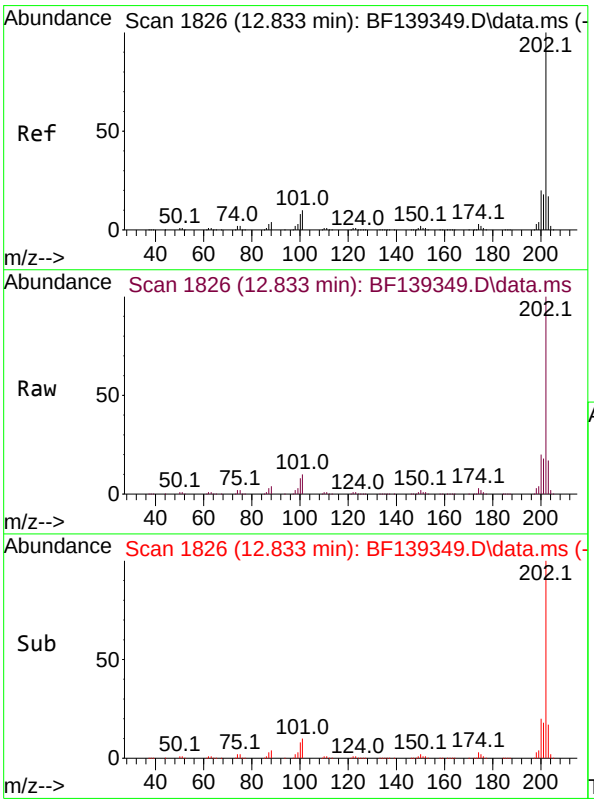
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.1	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

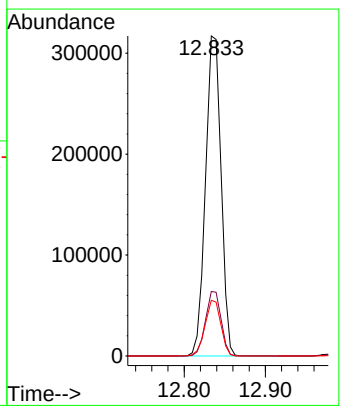
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

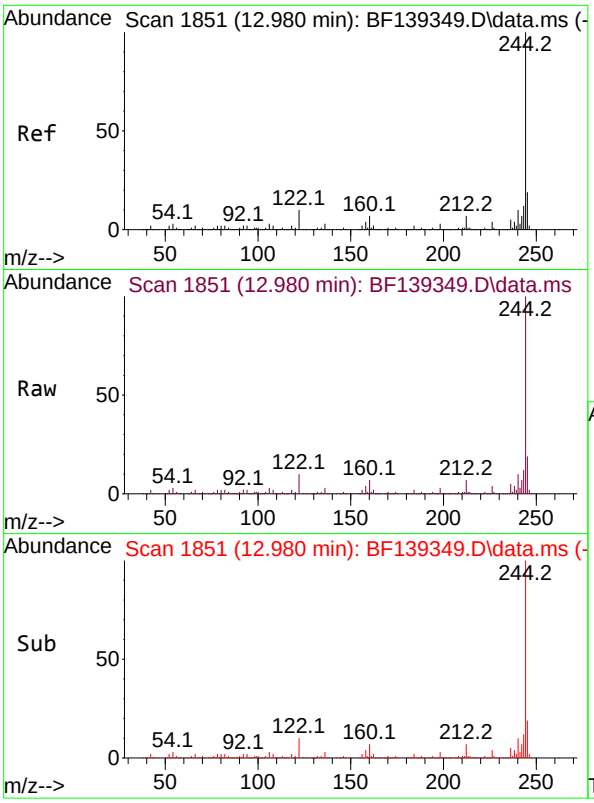


#78
Pyrene
Concen: 39.824 ng
RT: 12.833 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:202 Resp: 421208

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.4	13.9	20.9

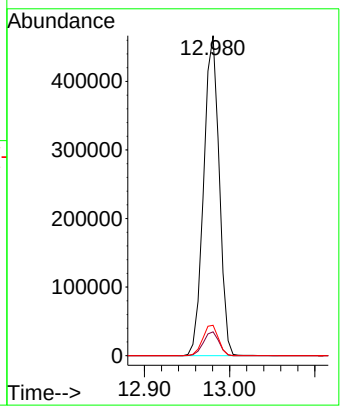




#79
Terphenyl-d14
Concen: 87.121 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:244 Resp: 59079

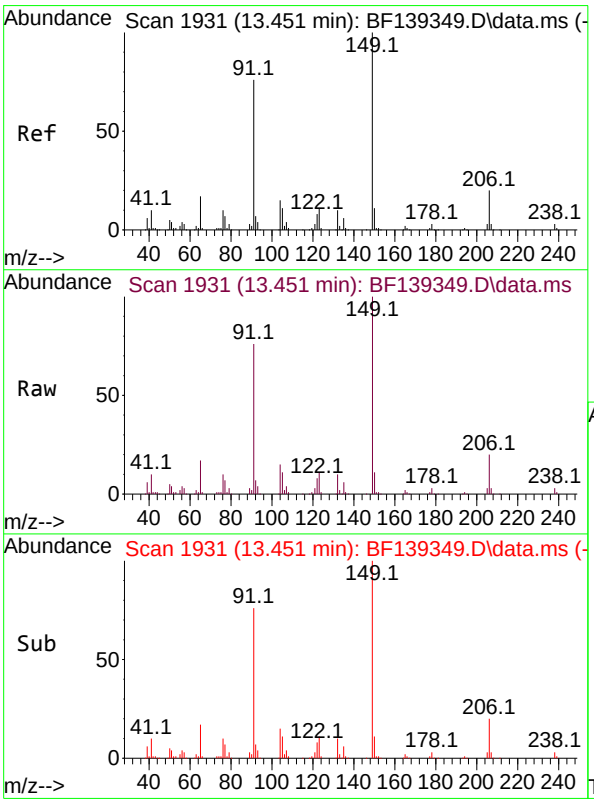
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.5	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

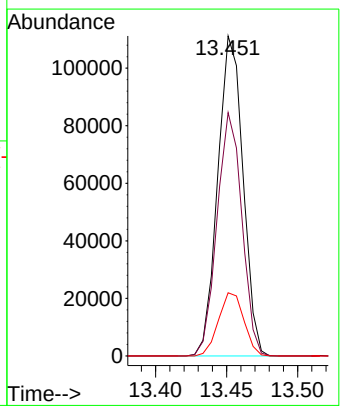
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

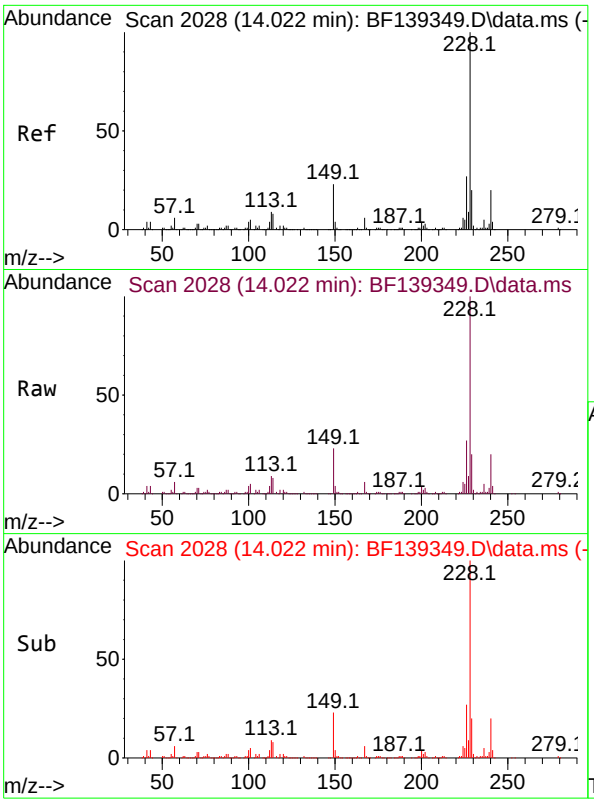


#80
Butylbenzylphthalate
Concen: 55.148 ng
RT: 13.451 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 137311

Ion	Ratio	Lower	Upper
149	100		
91	76.1	60.9	91.3
206	19.8	15.8	23.8

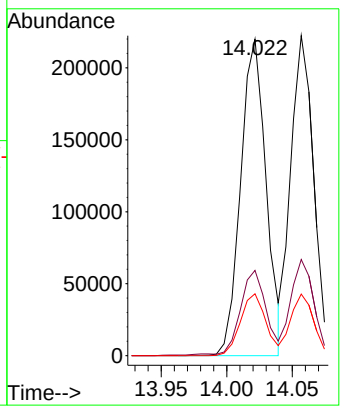




#81
Benzo(a)anthracene
Concen: 42.529 ng
RT: 14.022 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:228 Resp: 29733

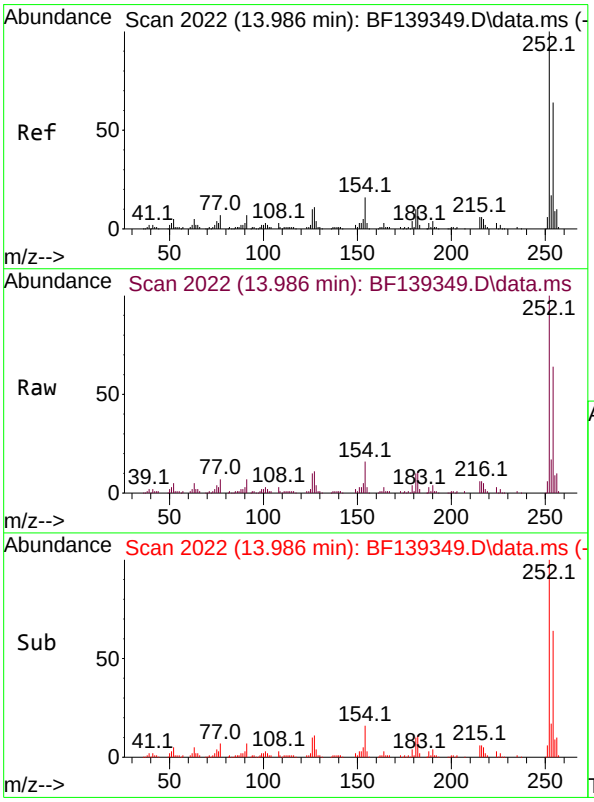
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

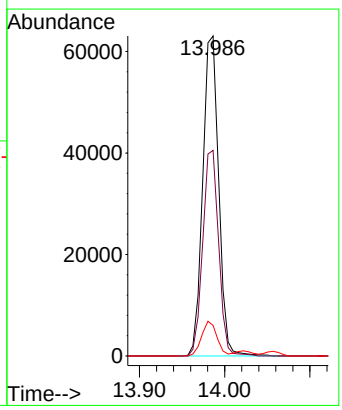
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

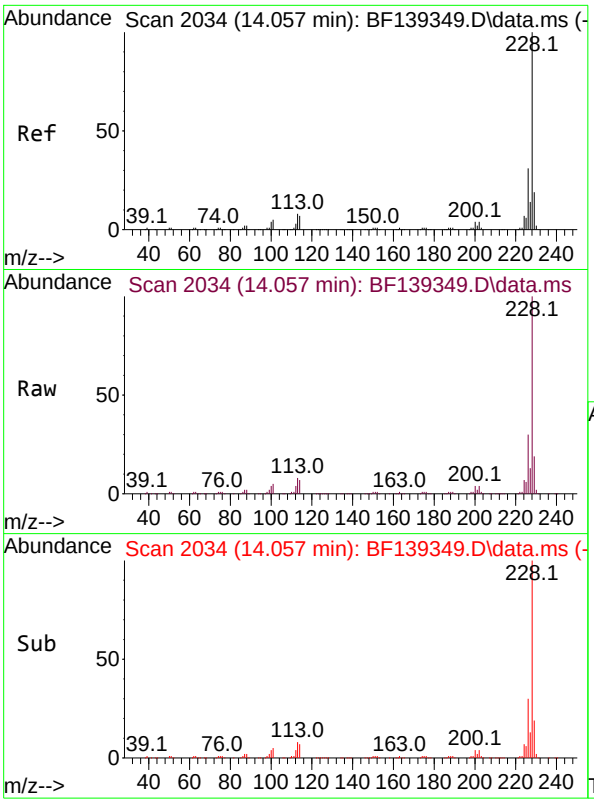


#82
3,3'-Dichlorobenzidine
Concen: 44.120 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 81918

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	9.6	7.7	11.5

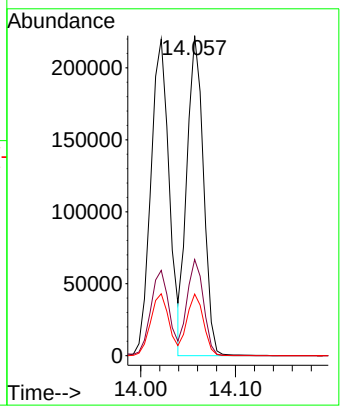




#83
Chrysene
Concen: 41.408 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:228 Resp: 27019

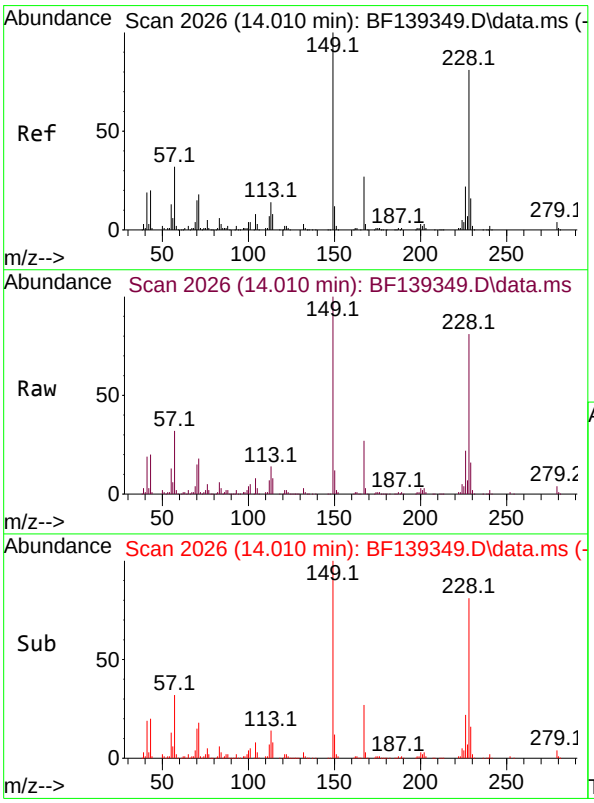
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.2	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

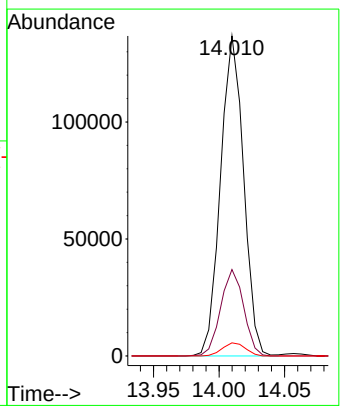
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

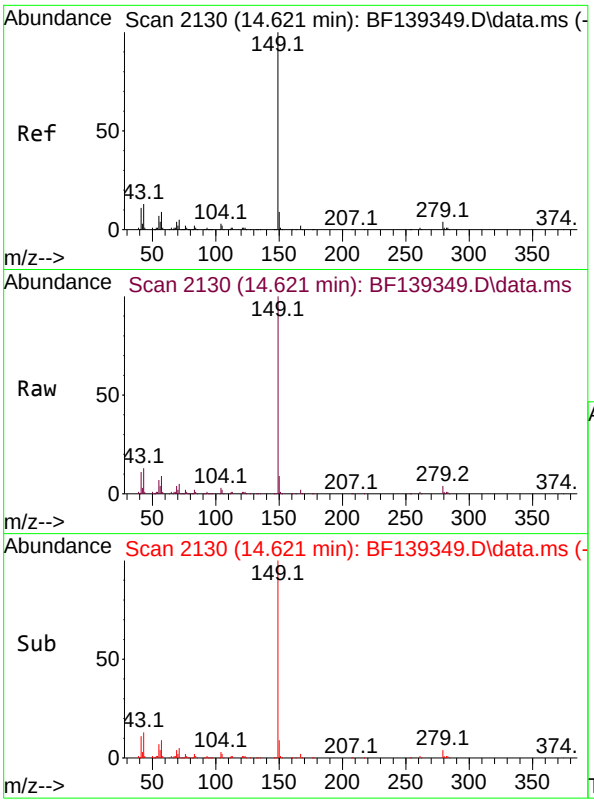


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.267 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 167358

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	4.1	3.3	4.9

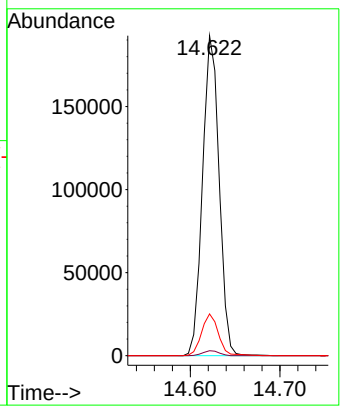




#85
Di-n-octyl phthalate
Concen: 44.204 ng
RT: 14.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 24733

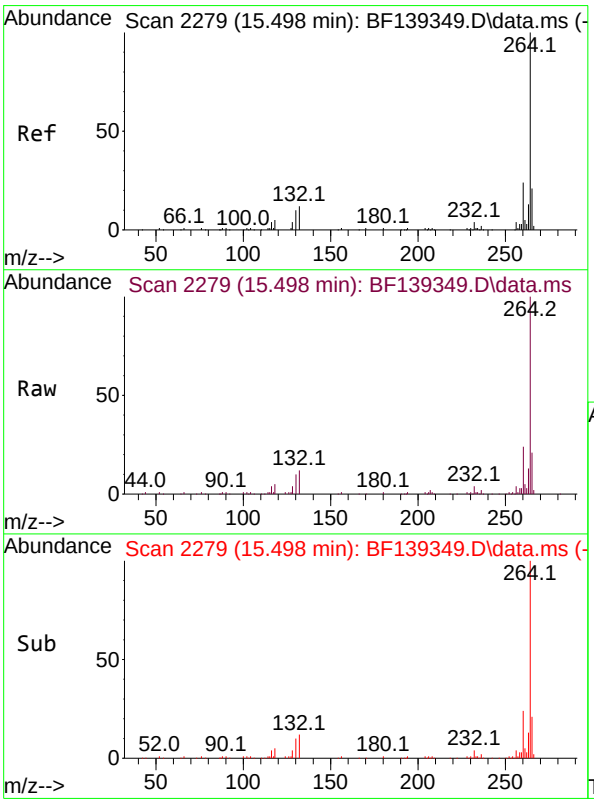
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

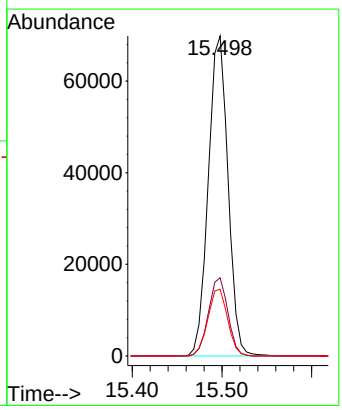
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

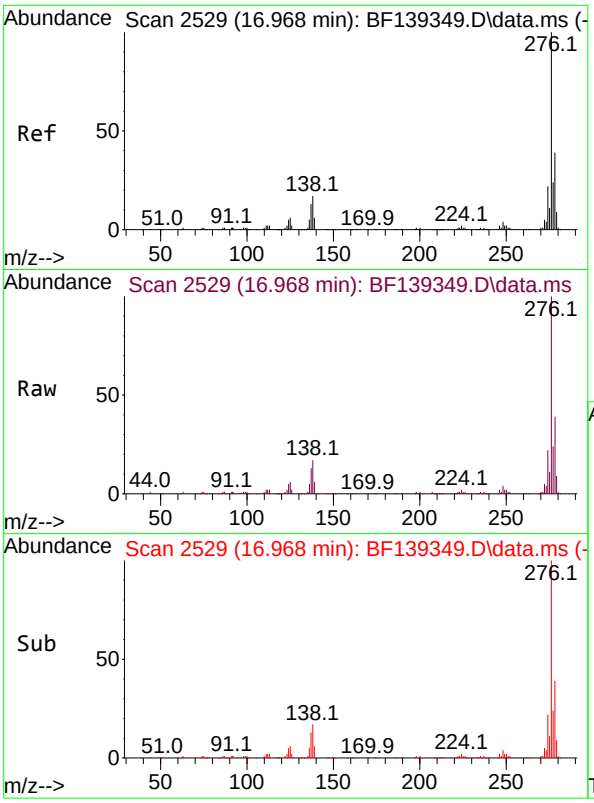


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:264 Resp: 106513

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.8	16.6	25.0

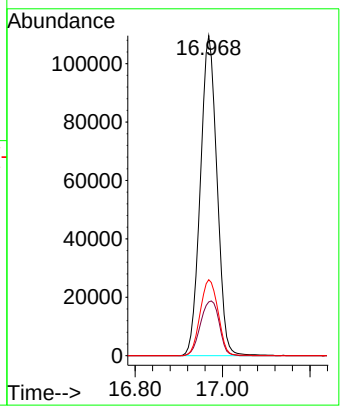




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.643 ng
RT: 16.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:276 Resp: 29040

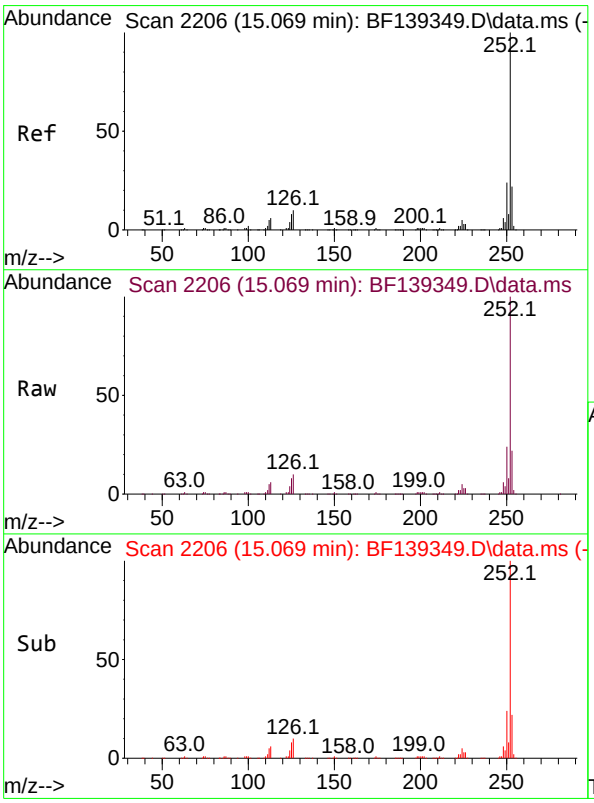
Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.4	23.2
277	25.5	20.4	30.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

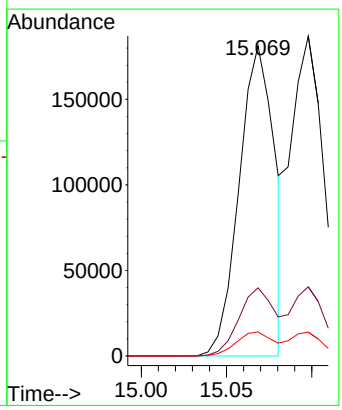
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

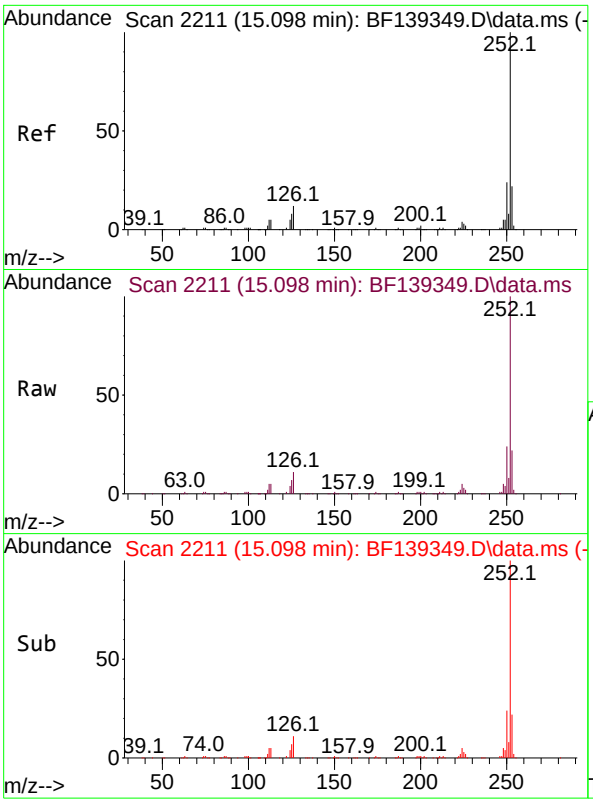


#88
Benzo(b)fluoranthene
Concen: 42.570 ng
RT: 15.069 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 261127

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.2	9.2

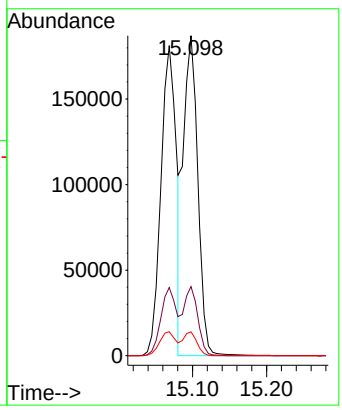




#89
Benzo(k)fluoranthene
Concen: 46.126 ng
RT: 15.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 25369

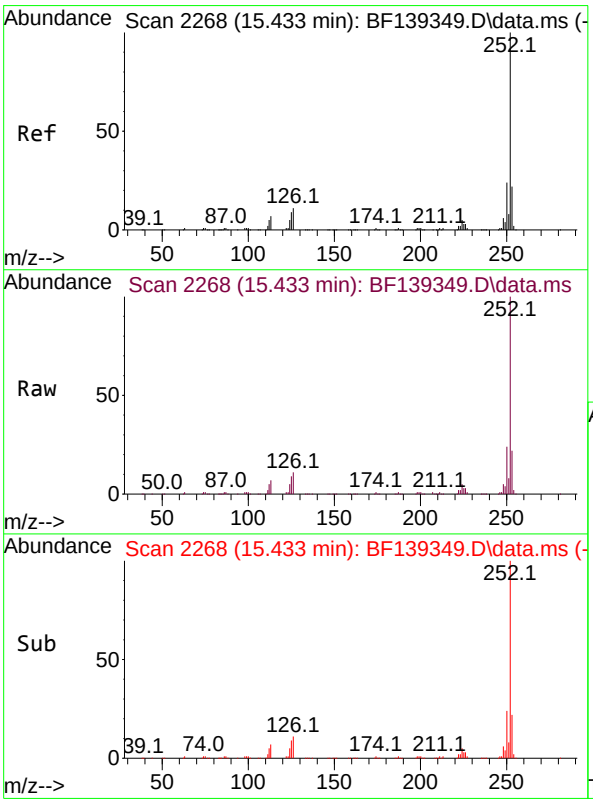
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	7.4	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

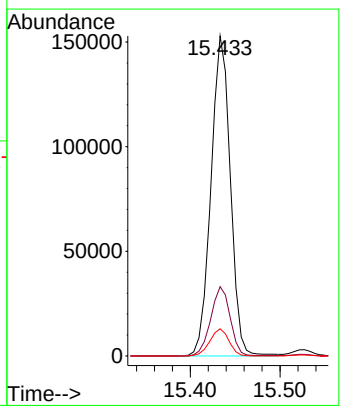
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

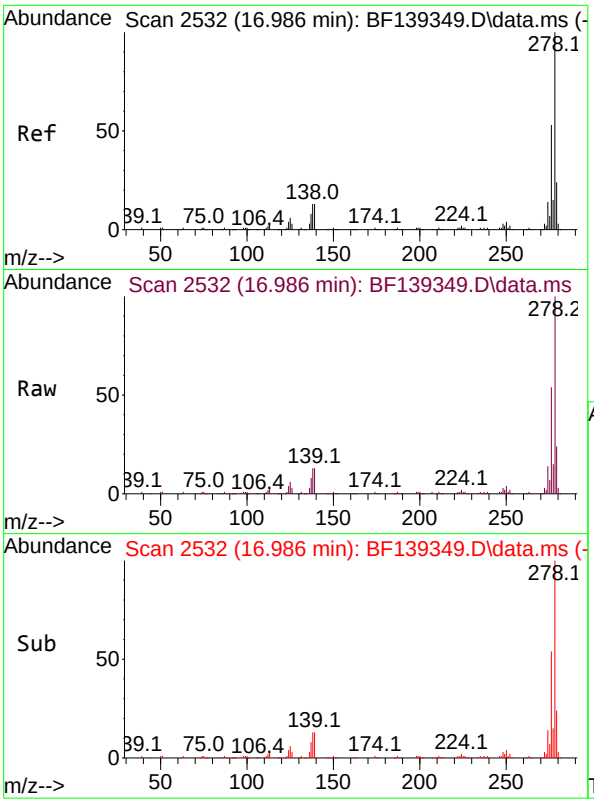


#90
Benzo(a)pyrene
Concen: 44.011 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 229237

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.5	6.8	10.2

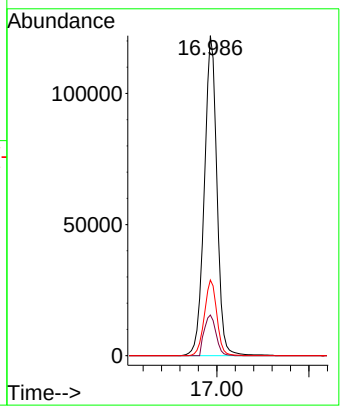




#91
Dibenzo(a,h)anthracene
Concen: 42.639 ng
RT: 16.986 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:278 Resp: 23381

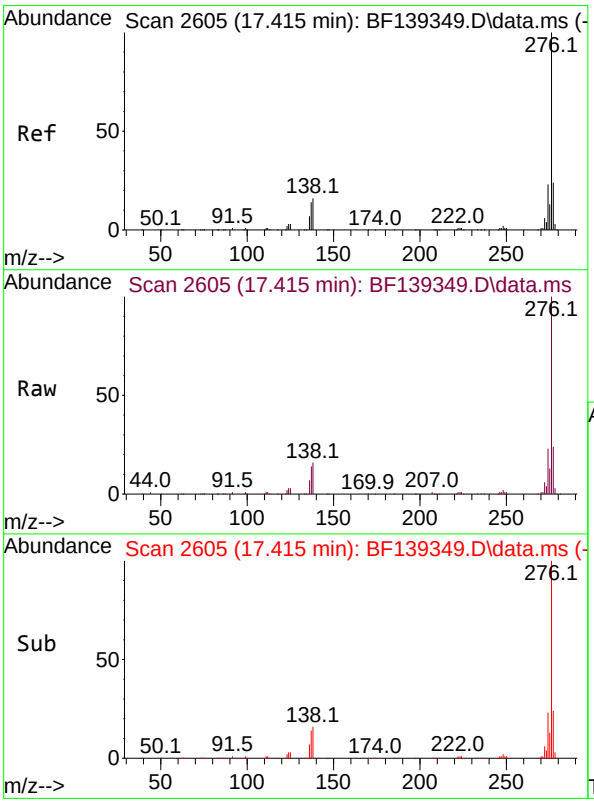
Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	23.6	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

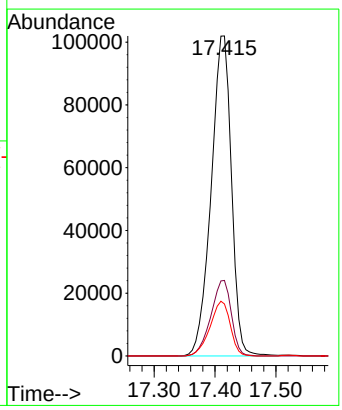
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#92
Benzo(g,h,i)perylene
Concen: 41.642 ng
RT: 17.415 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:276 Resp: 235706

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	16.3	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139350.D
Acq On : 13 Sep 2024 17:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 02:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	218122	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118314	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	224385	20.000	ng	0.00
76) Chrysene-d12	14.033	240	119656	20.000	ng	0.00
86) Perylene-d12	15.498	264	123129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	356372	95.736	ng	0.00
7) Phenol-d6	6.510	99	462024	94.562	ng	0.00
23) Nitrobenzene-d5	7.445	82	445436	96.004	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	120422	95.604	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	803022	95.192	ng	0.00
79) Terphenyl-d14	12.980	244	741072	101.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	67895	45.462	ng	99
3) Pyridine	3.404	79	152055	46.179	ng	99
4) n-Nitrosodimethylamine	3.375	42	137378	48.135	ng	100
6) Aniline	6.581	93	167082m	50.727	ng	
8) 2-Chlorophenol	6.663	128	182644	47.665	ng	97
9) Benzaldehyde	6.428	77	115581	43.191	ng	99
10) Phenol	6.528	94	231412	46.503	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	171147	45.250	ng	98
12) 1,3-Dichlorobenzene	6.822	146	205651	47.192	ng	100
13) 1,4-Dichlorobenzene	6.898	146	209000	47.460	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197506	47.464	ng	100
15) Benzyl Alcohol	7.022	79	185255	47.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	271832	46.635	ng	100
17) 2-Methylphenol	7.133	107	144596	47.496	ng	99
18) Hexachloroethane	7.392	117	80677	48.099	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	138502	47.836	ng	99
20) 3+4-Methylphenols	7.286	107	198277	47.737	ng	95
22) Acetophenone	7.292	105	273758	48.008	ng	97
24) Nitrobenzene	7.469	77	230160	48.198	ng	99
25) Isophorone	7.704	82	352840	48.085	ng	100
26) 2-Nitrophenol	7.781	139	92210	49.564	ng	98
27) 2,4-Dimethylphenol	7.816	122	119187	48.567	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	198334	47.425	ng	99
29) 2,4-Dichlorophenol	8.016	162	148165	47.525	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	172156	47.393	ng	99
31) Naphthalene	8.186	128	546863	48.024	ng	100
32) Benzoic acid	7.939	122	120521	52.273	ng	97
33) 4-Chloroaniline	8.239	127	166581	47.818	ng	99
34) Hexachlorobutadiene	8.298	225	120140	48.681	ng	98
35) Caprolactam	8.610	113	45162	47.092	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	172036	48.284	ng	99
37) 2-Methylnaphthalene	8.875	142	344052	47.601	ng	100
38) 1-Methylnaphthalene	8.975	142	336046	47.357	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	168182	47.964	ng	100
41) Hexachlorocyclopentadiene	9.027	237	61220	50.004	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	109327	47.923	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139350.D
Acq On : 13 Sep 2024 17:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 02:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	118193	49.117	ng		99
46) 1,1'-Biphenyl	9.339	154	437548	48.070	ng		99
47) 2-Chloronaphthalene	9.363	162	330109	48.505	ng		99
48) 2-Nitroaniline	9.457	65	126535	49.987	ng		97
49) Acenaphthylene	9.780	152	497184	48.531	ng		99
50) Dimethylphthalate	9.639	163	370588	47.723	ng		100
51) 2,6-Dinitrotoluene	9.698	165	85910	49.939	ng		96
52) Acenaphthene	9.951	154	345749	48.356	ng		99
53) 3-Nitroaniline	9.869	138	83924	48.815	ng		96
54) 2,4-Dinitrophenol	9.969	184	51497	57.104	ng	#	87
55) Dibenzofuran	10.122	168	473142	47.477	ng		99
56) 4-Nitrophenol	10.022	139	72103	50.685	ng		94
57) 2,4-Dinitrotoluene	10.104	165	114884	49.465	ng		98
58) Fluorene	10.463	166	391850	48.191	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95986	48.219	ng		98
60) Diethylphthalate	10.333	149	387175	48.314	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	189920	48.061	ng		96
62) 4-Nitroaniline	10.486	138	90703	48.340	ng		99
63) Azobenzene	10.616	77	378482	48.019	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	63136	53.312	ng		99
66) n-Nitrosodiphenylamine	10.574	169	313904	47.849	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	107298	48.254	ng		98
68) Hexachlorobenzene	11.010	284	124911	47.865	ng		98
69) Atrazine	11.098	200	79000	50.583	ng		98
70) Pentachlorophenol	11.198	266	77067	49.215	ng		98
71) Phenanthrene	11.421	178	526376	48.623	ng		100
72) Anthracene	11.474	178	511970	48.370	ng		100
73) Carbazole	11.627	167	494354	48.799	ng		100
74) Di-n-butylphthalate	11.957	149	556151	49.283	ng		100
75) Fluoranthene	12.610	202	537080	46.457	ng		99
77) Benzidine	12.727	184	80463	46.936	ng		100
78) Pyrene	12.839	202	530780	51.662	ng		99
80) Butylbenzylphthalate	13.457	149	174982	50.037	ng		96
81) Benzo(a)anthracene	14.021	228	377584	47.639	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	109919	47.356	ng		98
83) Chrysene	14.062	228	354515	48.617	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	217495	48.889	ng		99
85) Di-n-octyl phthalate	14.621	149	330088	50.382	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	388214	53.023	ng		100
88) Benzo(b)fluoranthene	15.068	252	365162	48.087	ng		99
89) Benzo(k)fluoranthene	15.104	252	316496	45.203	ng		99
90) Benzo(a)pyrene	15.439	252	305466	48.503	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	321341	53.114	ng		99
92) Benzo(g,h,i)perylene	17.421	276	317487	53.000	ng		99

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

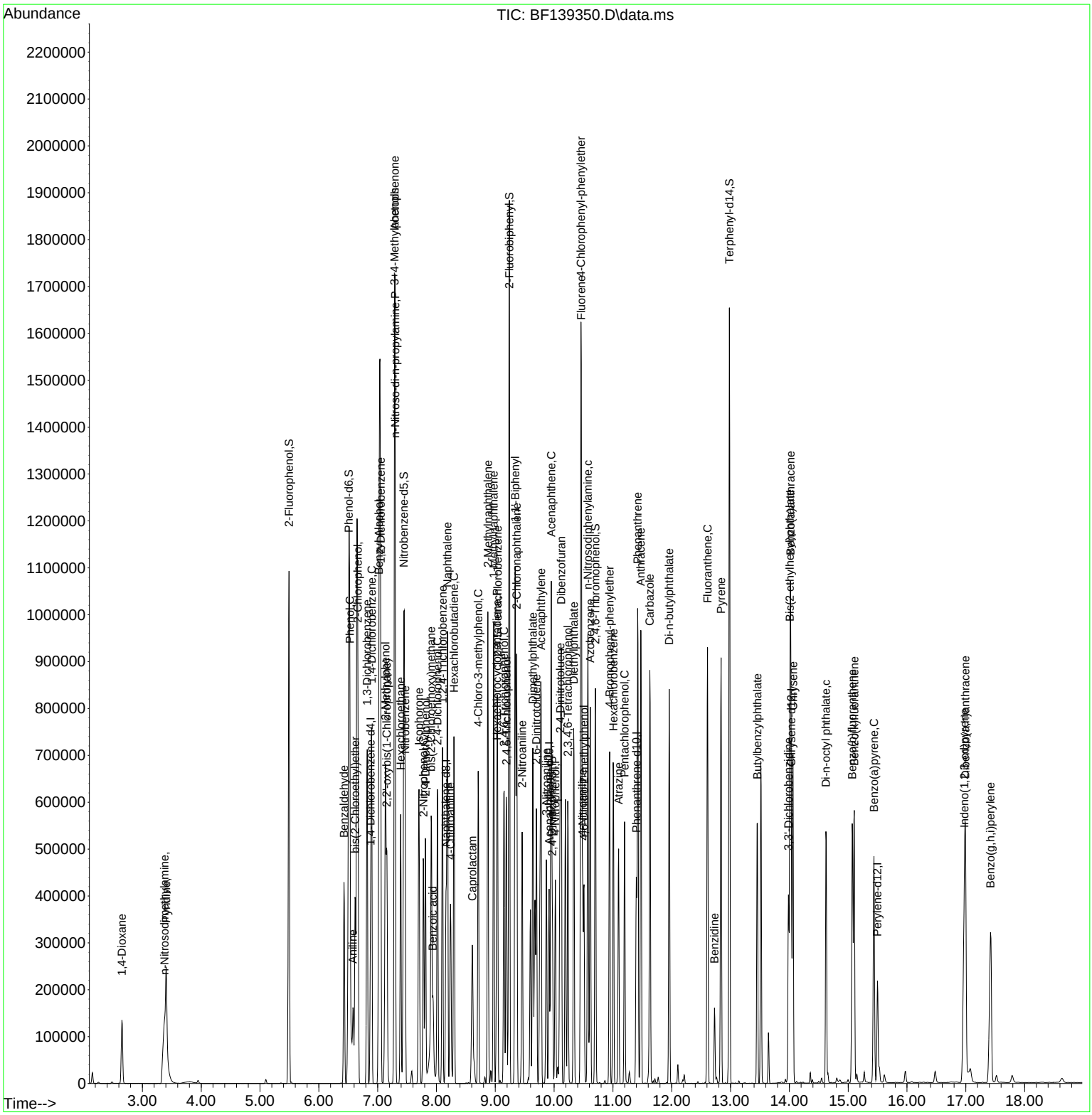
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Data File : BF139350.D
Acq On : 13 Sep 2024 17:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

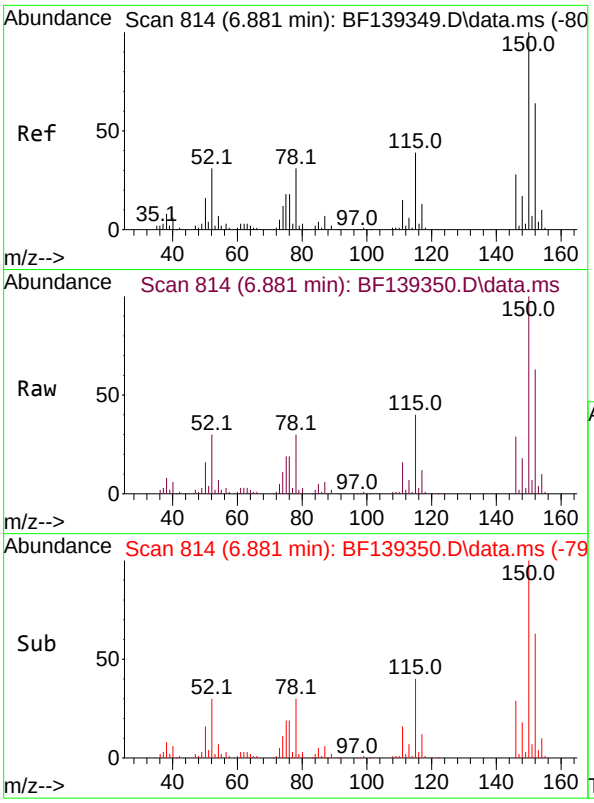
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

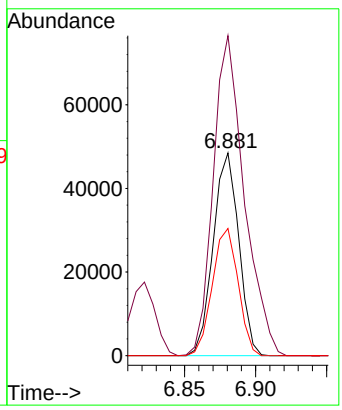




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:152 Resp: 6072

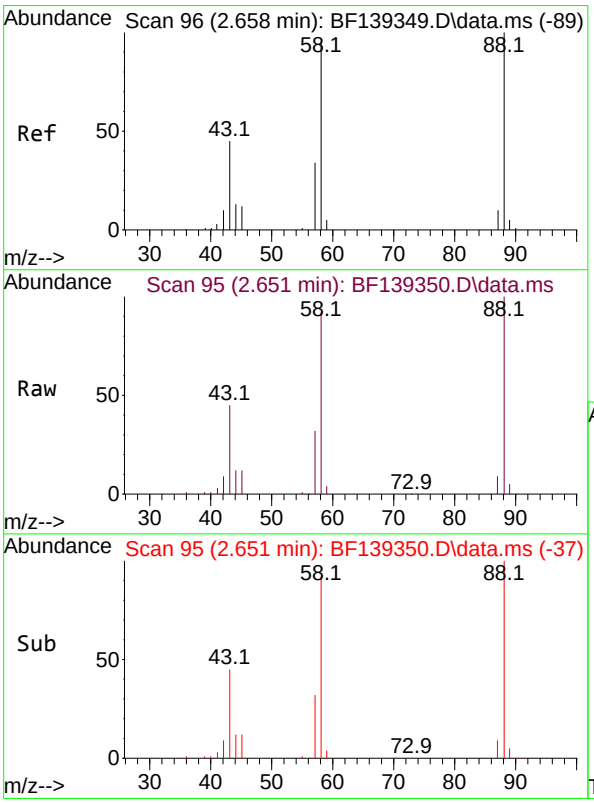
Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	62.8	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

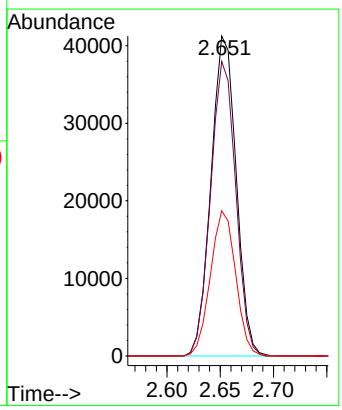
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

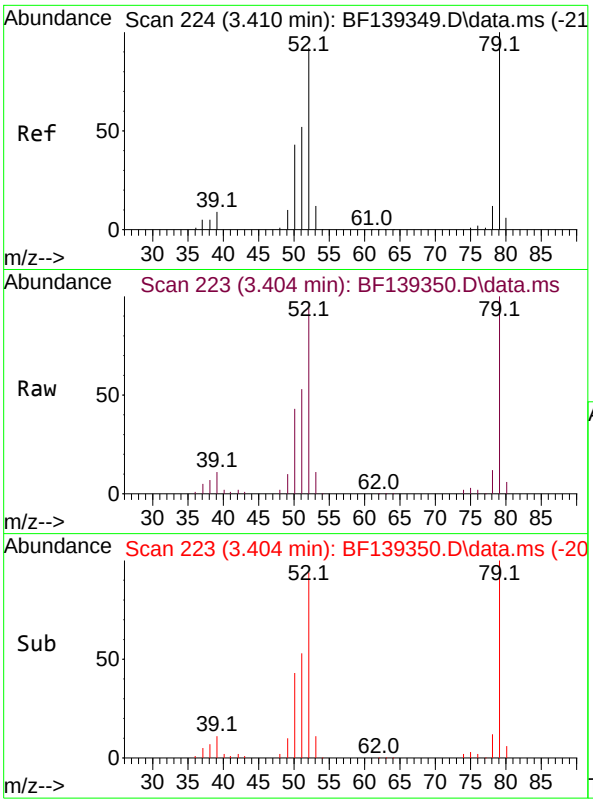


#2
1,4-Dioxane
Concen: 45.462 ng
RT: 2.651 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 88 Resp: 67895

Ion	Ratio	Lower	Upper
88	100		
58	91.6	74.8	112.2
43	45.4	36.4	54.6

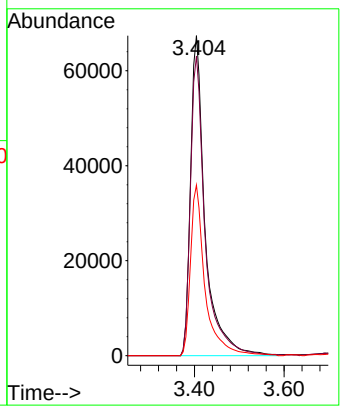




#3
Pyridine
Concen: 46.179 ng
RT: 3.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 79 Resp: 15205

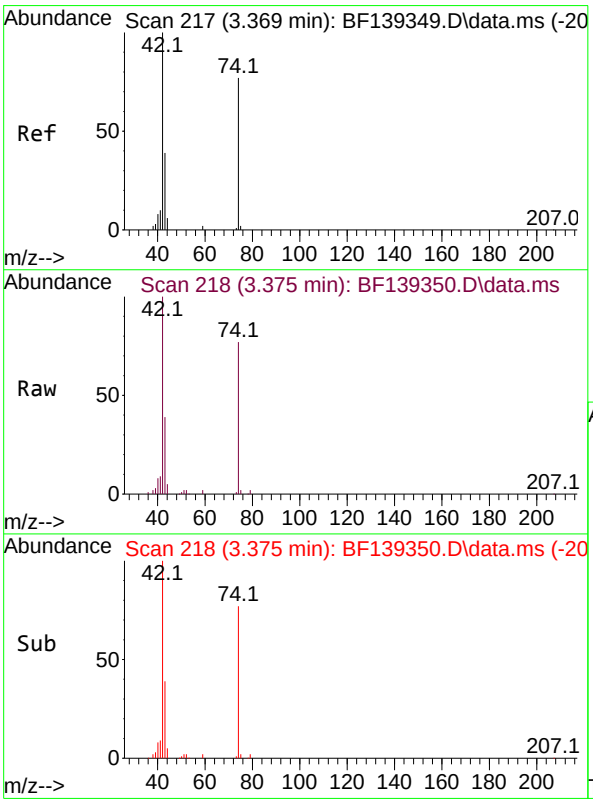
Ion	Ratio	Lower	Upper
79	100		
52	93.7	73.8	110.8
51	53.3	41.8	62.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

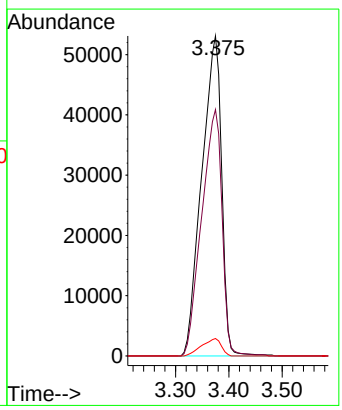
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

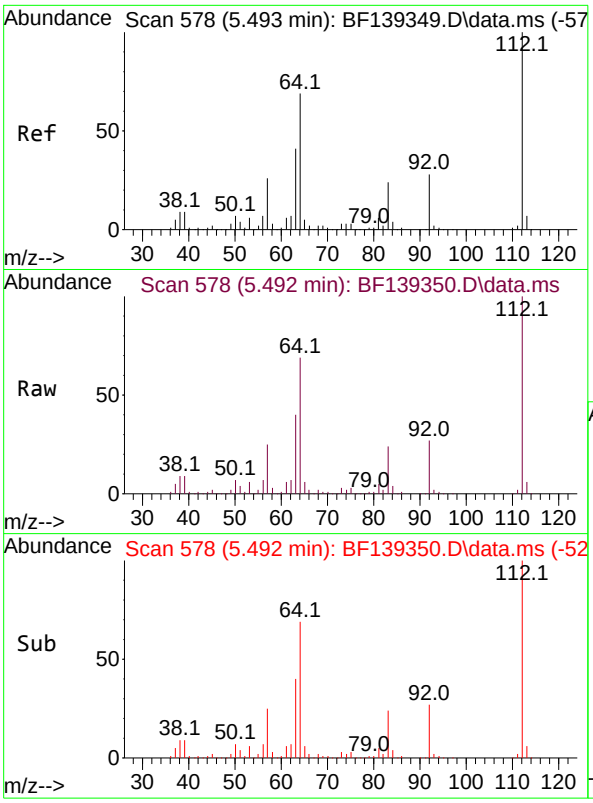


#4
n-Nitrosodimethylamine
Concen: 48.135 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 42 Resp: 137378

Ion	Ratio	Lower	Upper
42	100		
74	77.0	61.8	92.8
44	5.4	4.8	7.2

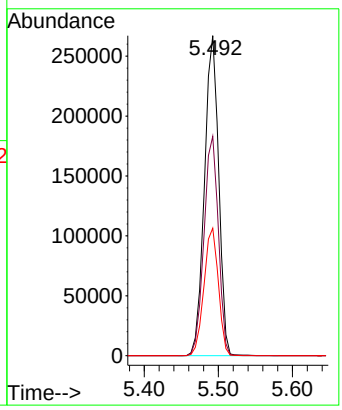




#5
2-Fluorophenol
Concen: 95.736 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:112 Resp: 35637

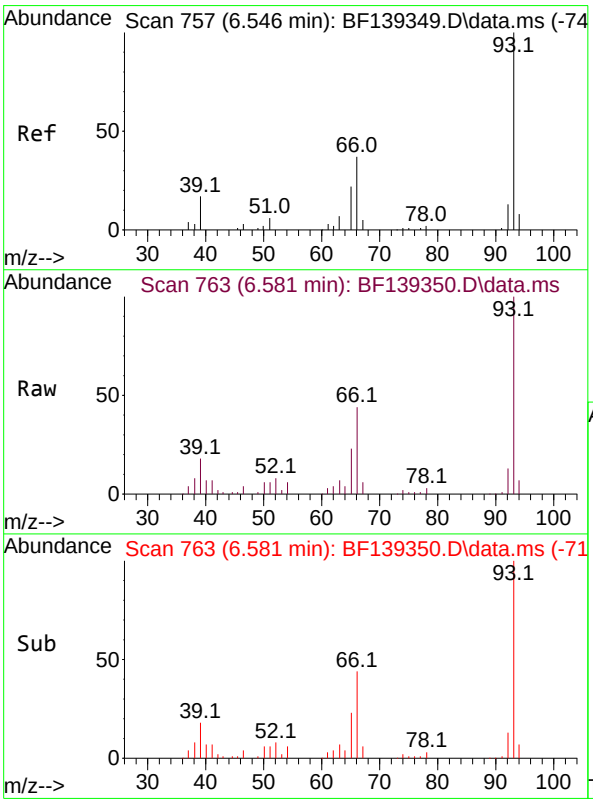
Ion	Ratio	Lower	Upper
112	100		
64	68.6	54.8	82.2
63	39.9	33.0	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

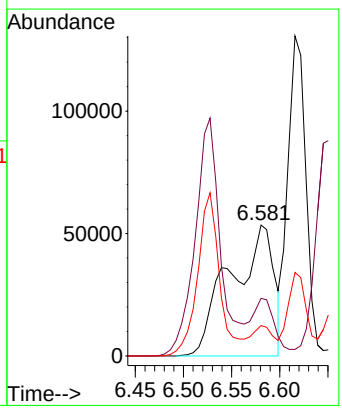
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

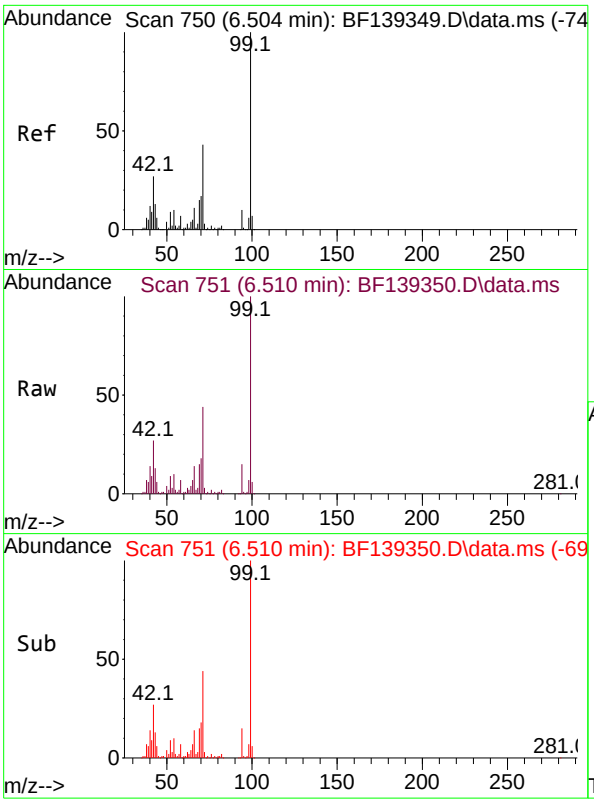


#6
Aniline
Concen: 50.727 ng m
RT: 6.581 min Scan# 763
Delta R.T. 0.011 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 93 Resp: 167082

Ion	Ratio	Lower	Upper
93	100		
66	44.0	35.4	53.0
65	23.2	18.2	27.4

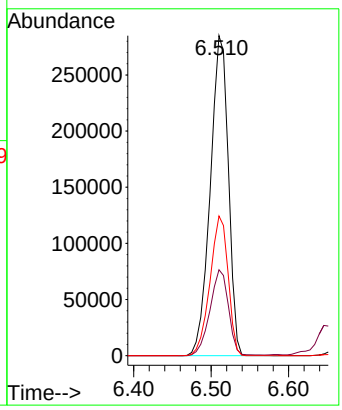




#7
Phenol-d6
Concen: 94.562 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 99 Resp: 46202

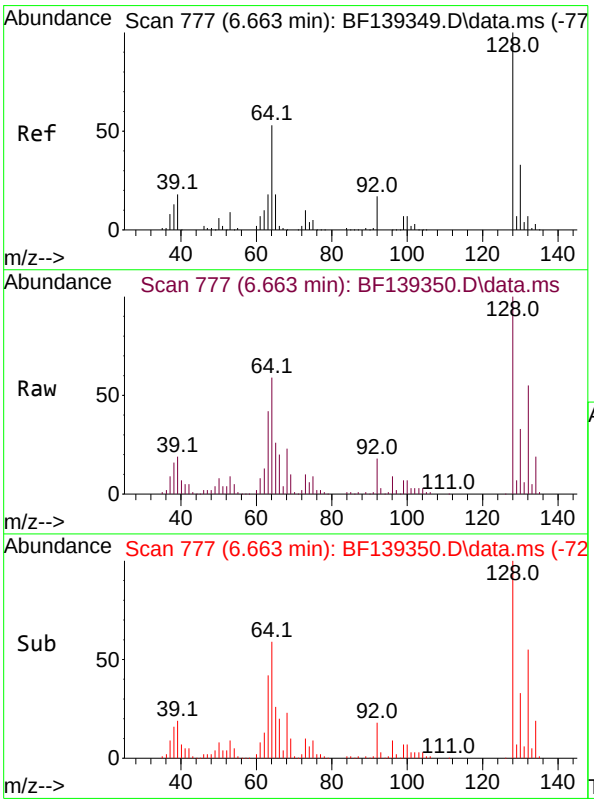
Ion	Ratio	Lower	Upper
99	100		
42	26.9	21.9	32.9
71	43.7	34.6	52.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

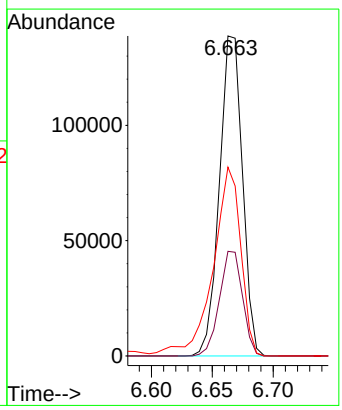
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

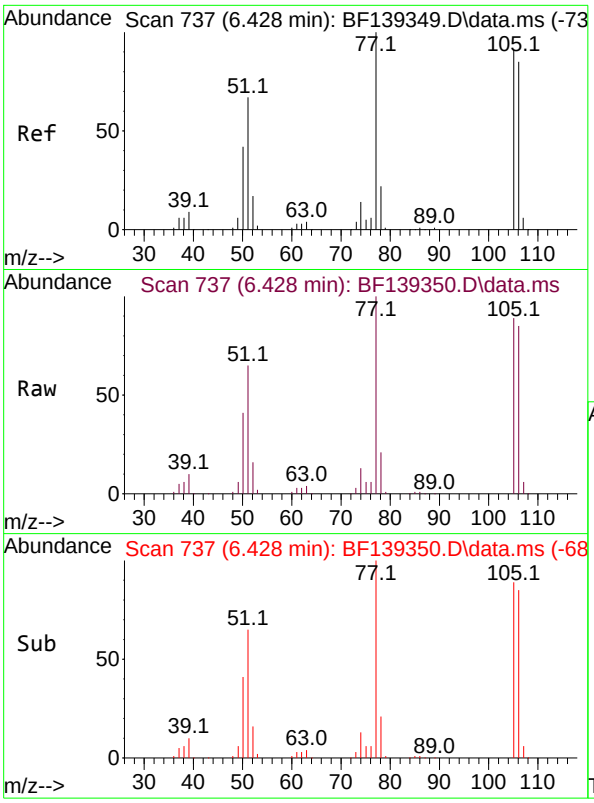


#8
2-Chlorophenol
Concen: 47.665 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:128 Resp: 182644

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	59.0	35.1	75.1

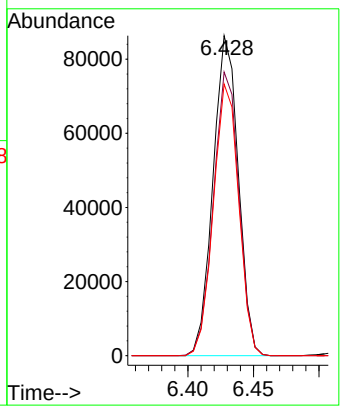




#9
Benzaldehyde
Concen: 43.191 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 77 Resp: 11558

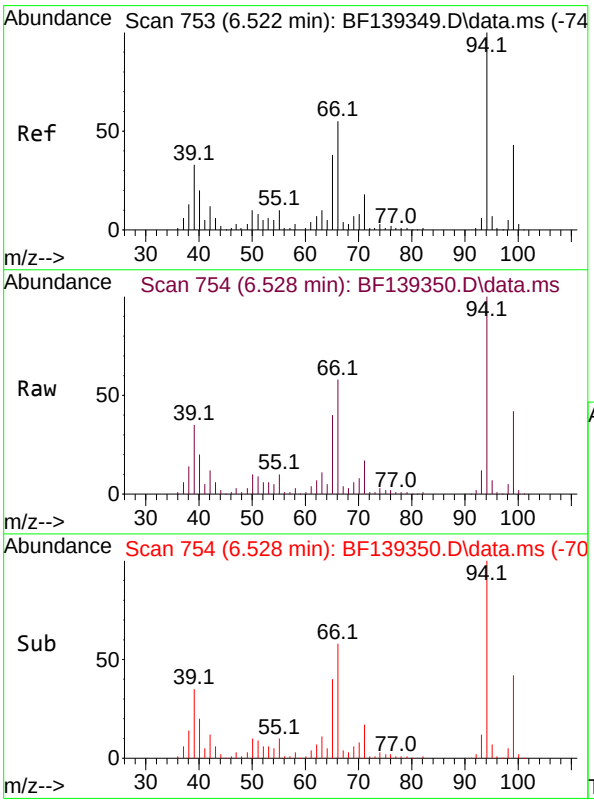
Ion	Ratio	Lower	Upper
77	100		
105	88.7	71.0	111.0
106	84.9	64.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

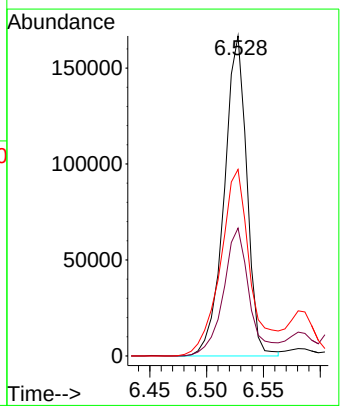
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

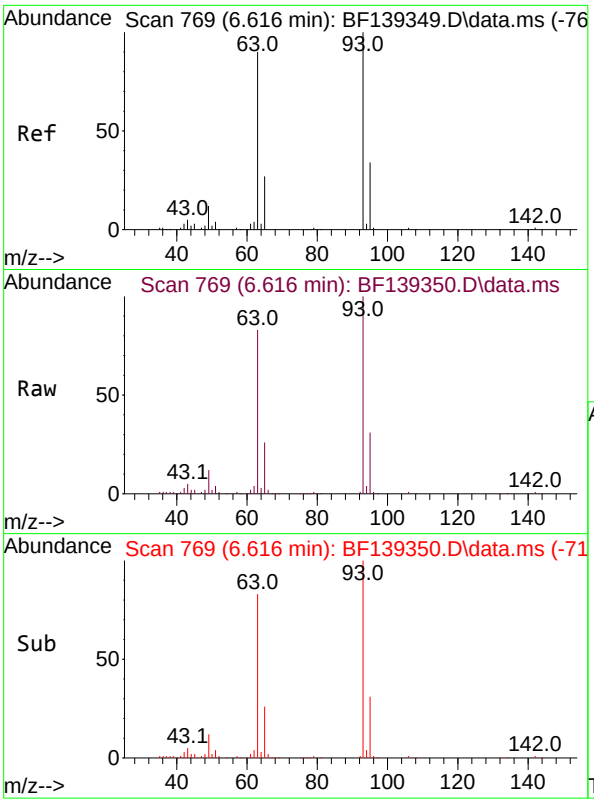


#10
Phenol
Concen: 46.503 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 94 Resp: 231412

Ion	Ratio	Lower	Upper
94	100		
65	40.0	17.6	57.6
66	58.3	35.2	75.2

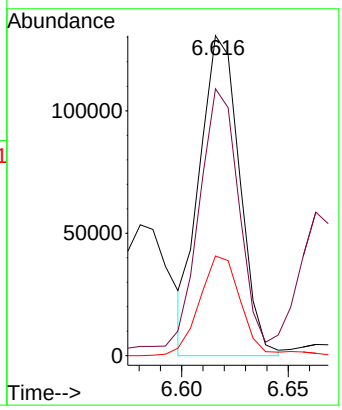




#11
bis(2-Chloroethyl)ether
Concen: 45.250 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 93 Resp: 17114

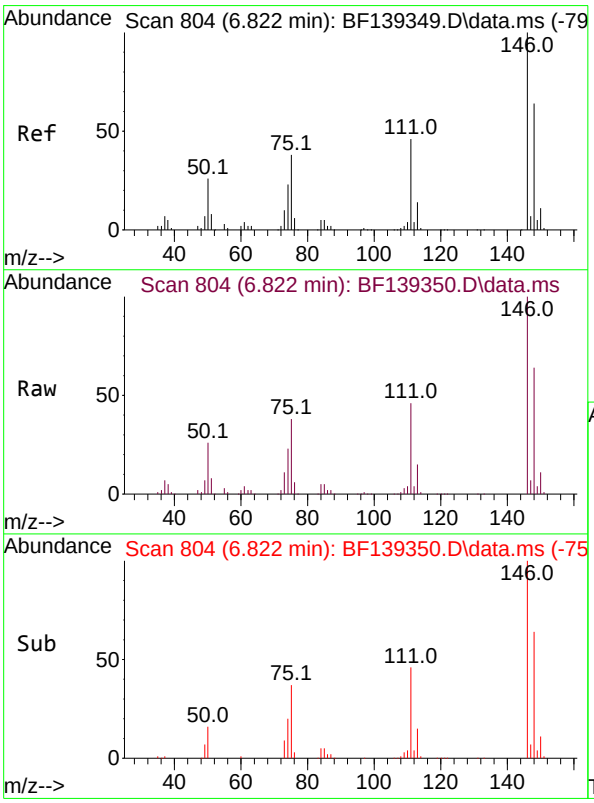
Ion	Ratio	Lower	Upper
93	100		
63	83.4	65.3	105.3
95	31.2	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

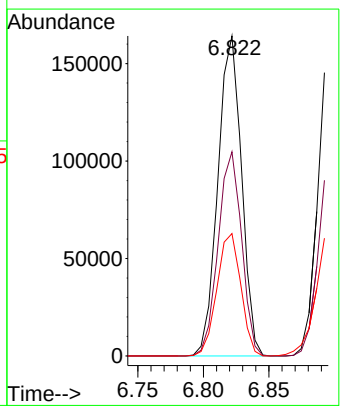
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

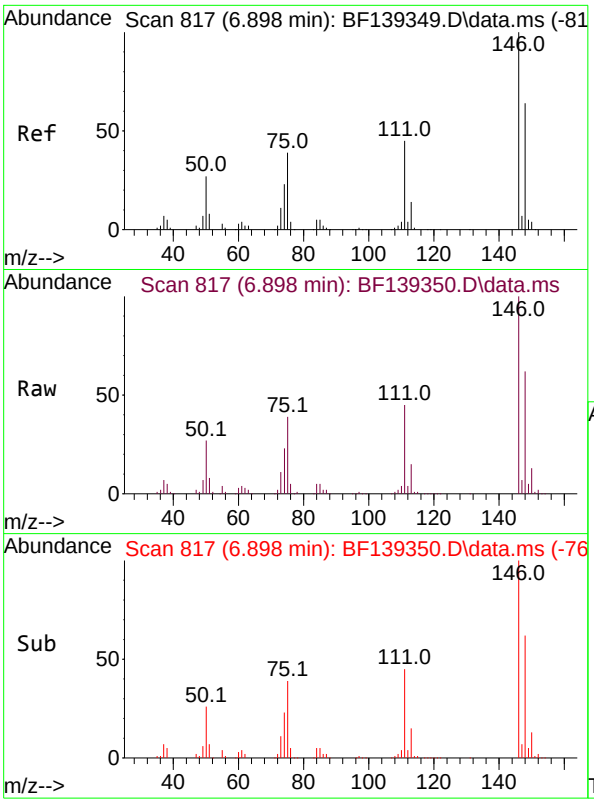


#12
1,3-Dichlorobenzene
Concen: 47.192 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 205651

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
75	38.2	30.6	46.0

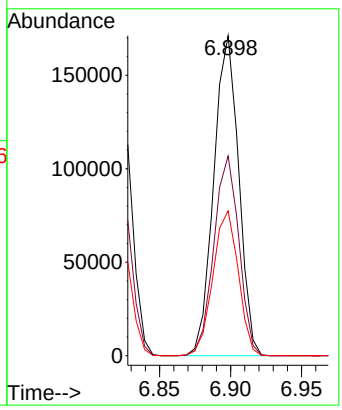




#13
1,4-Dichlorobenzene
Concen: 47.460 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 20900

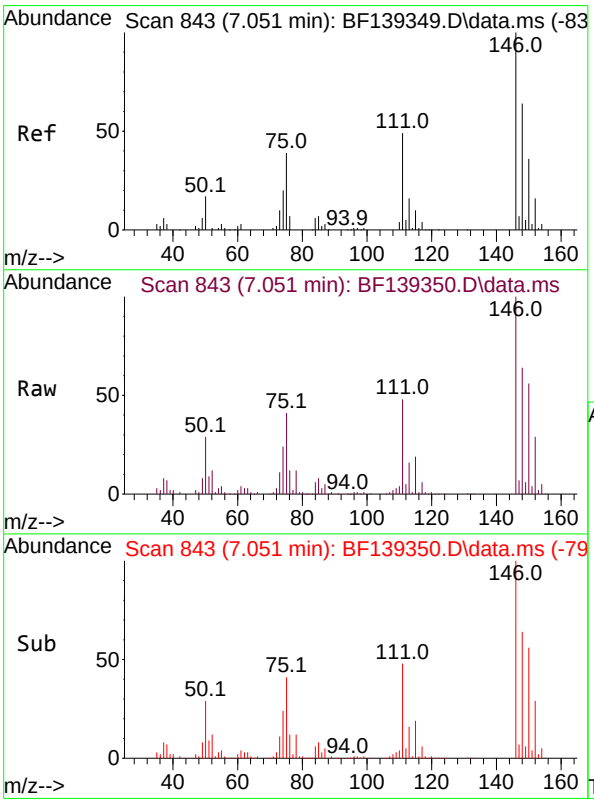
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
111	45.3	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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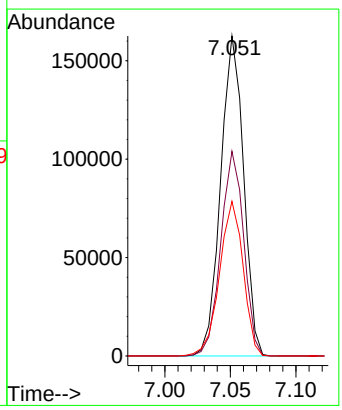
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

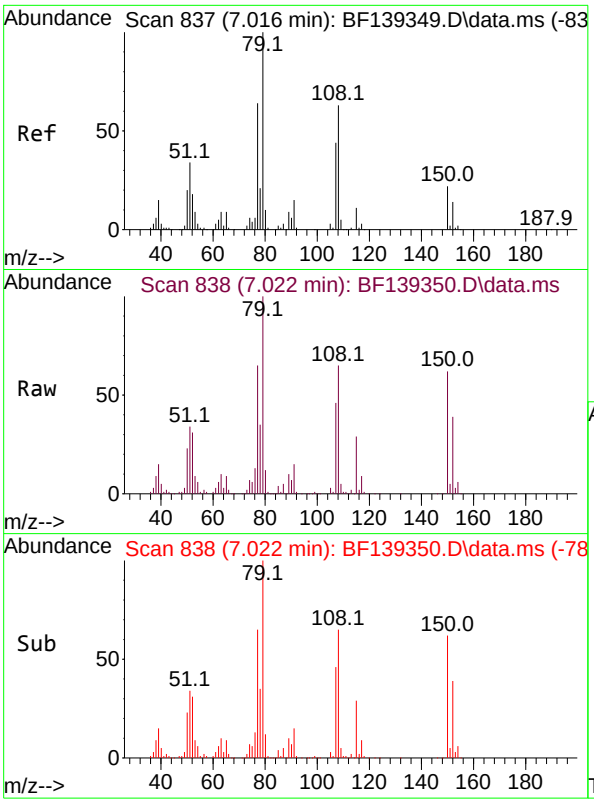


#14
1,2-Dichlorobenzene
Concen: 47.464 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 197506

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
111	48.3	38.9	58.3





#15
Benzyl Alcohol
Concen: 47.524 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

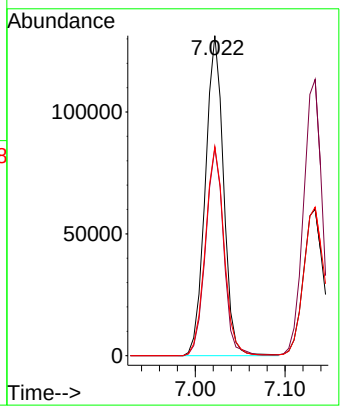
Tgt Ion: 79 Resp: 18525

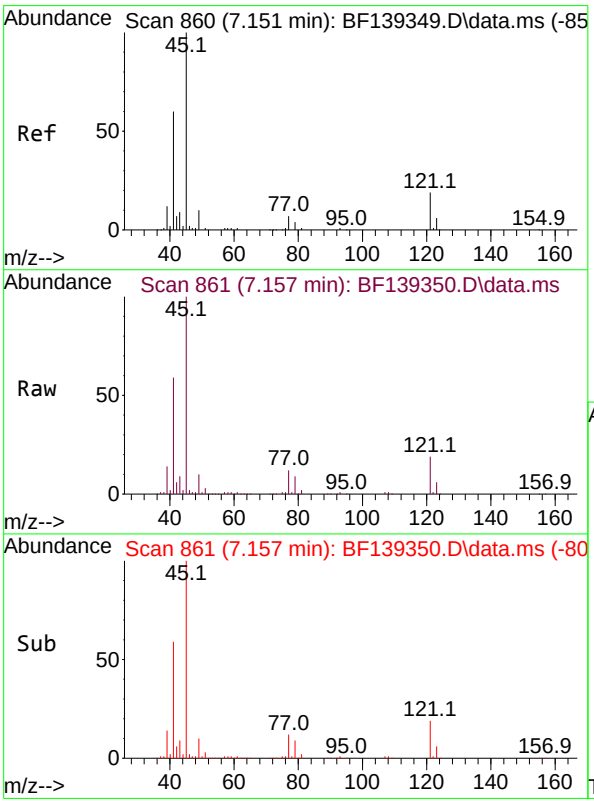
Ion	Ratio	Lower	Upper
79	100		
108	65.0	50.4	75.6
77	65.3	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

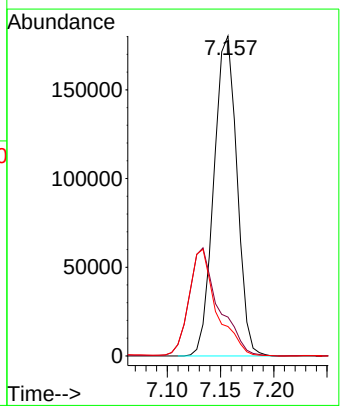


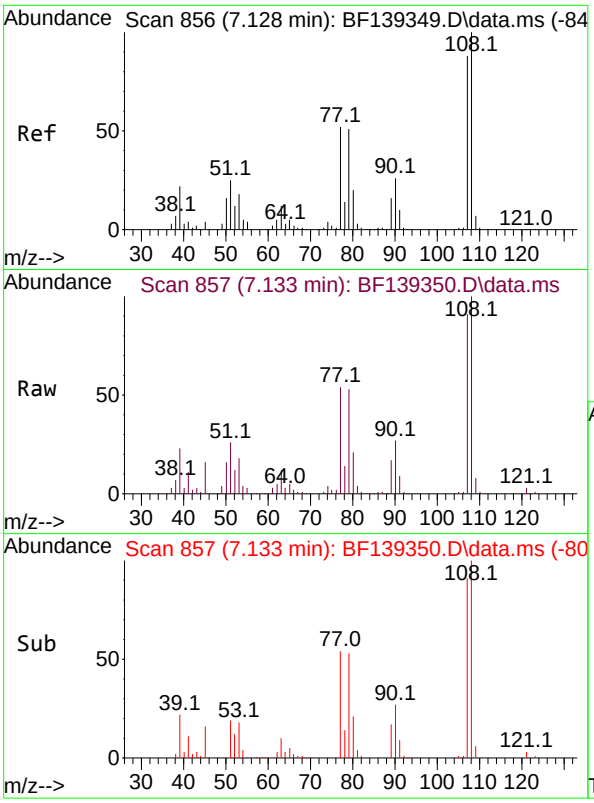


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.635 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 45 Resp: 271832

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.2	0.0	29.1

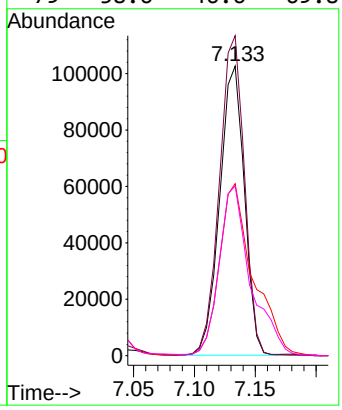




#17
2-Methylphenol
Concen: 47.496 ng
RT: 7.133 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:107 Resp: 14459

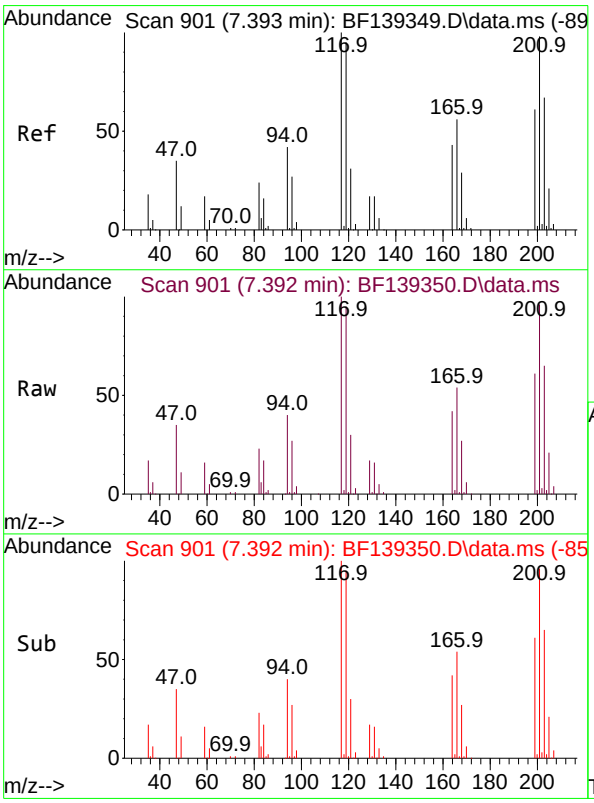
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.5	135.7
77	59.4	47.1	70.7
79	58.6	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

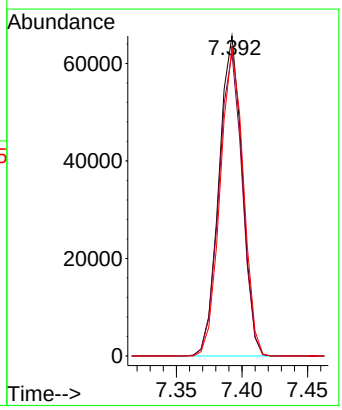
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

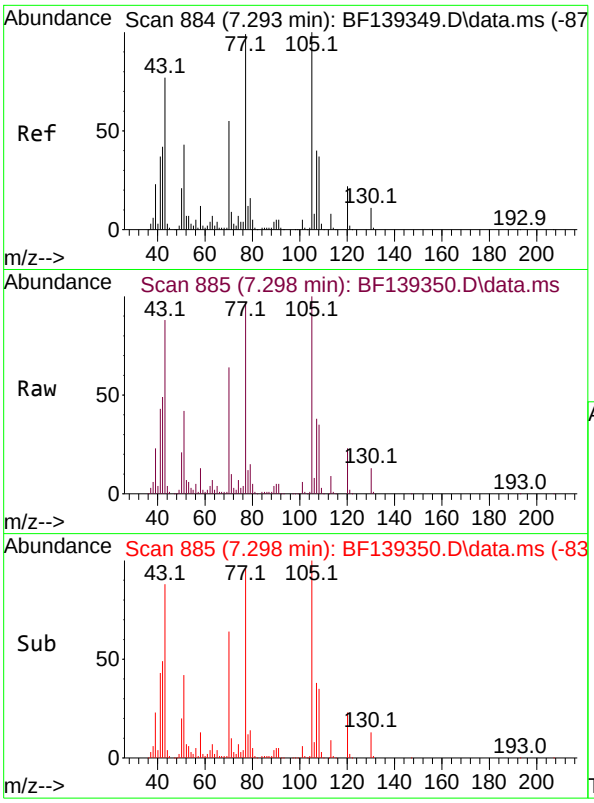


#18
Hexachloroethane
Concen: 48.099 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:117 Resp: 80677

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	96.4	78.6	118.0

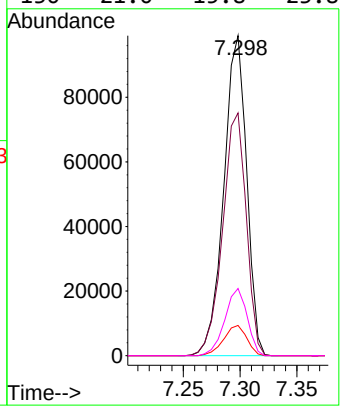




#19
n-Nitroso-di-n-propylamine
Concen: 47.836 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 70 Resp: 13850

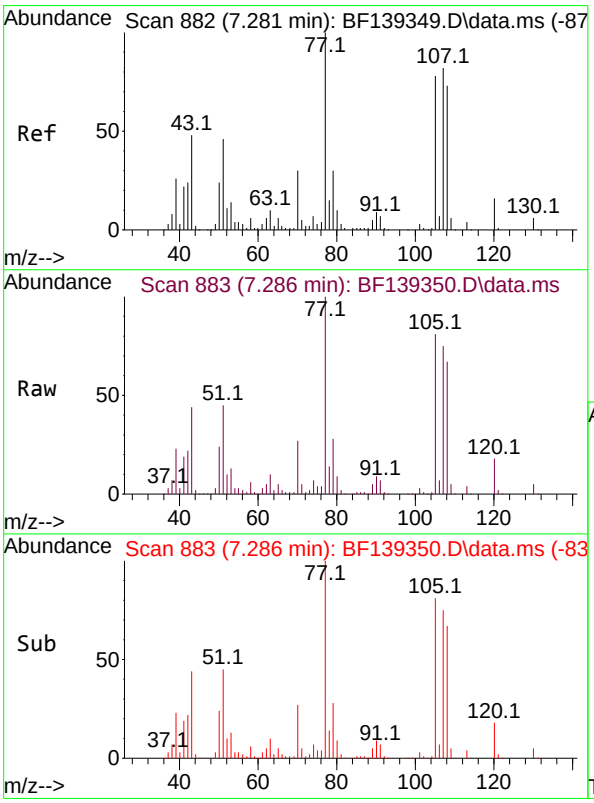
Ion	Ratio	Lower	Upper
70	100		
42	75.8	61.2	91.8
101	9.4	7.5	11.3
130	21.0	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

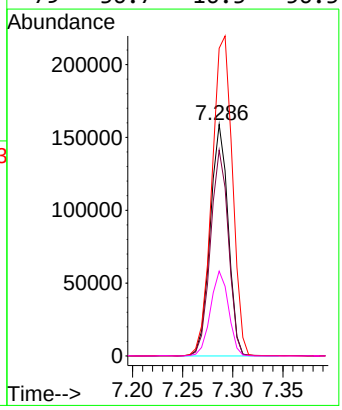
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

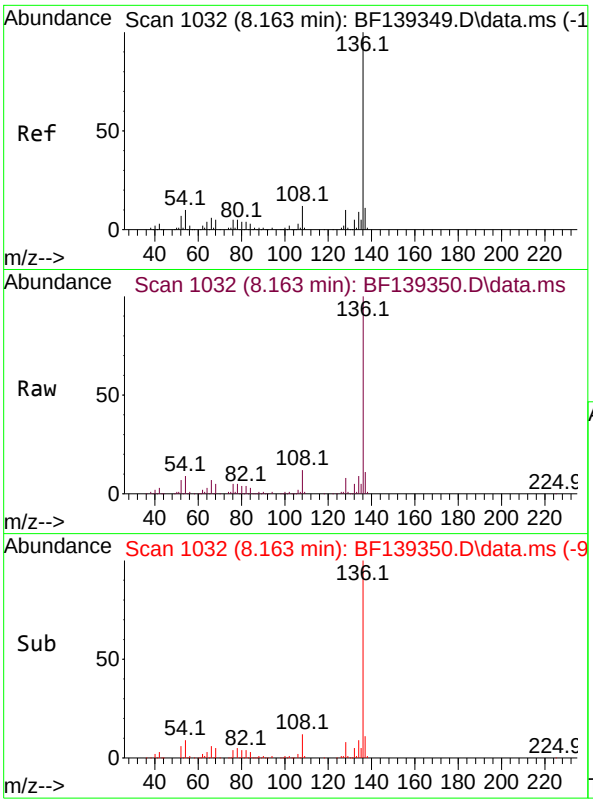


#20
3+4-Methylphenols
Concen: 47.737 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:107 Resp: 198277

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.6	108.6
77	132.9	101.6	141.6
79	36.7	16.3	56.3

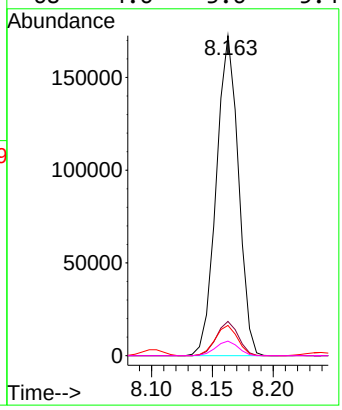




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:136 Resp: 21812

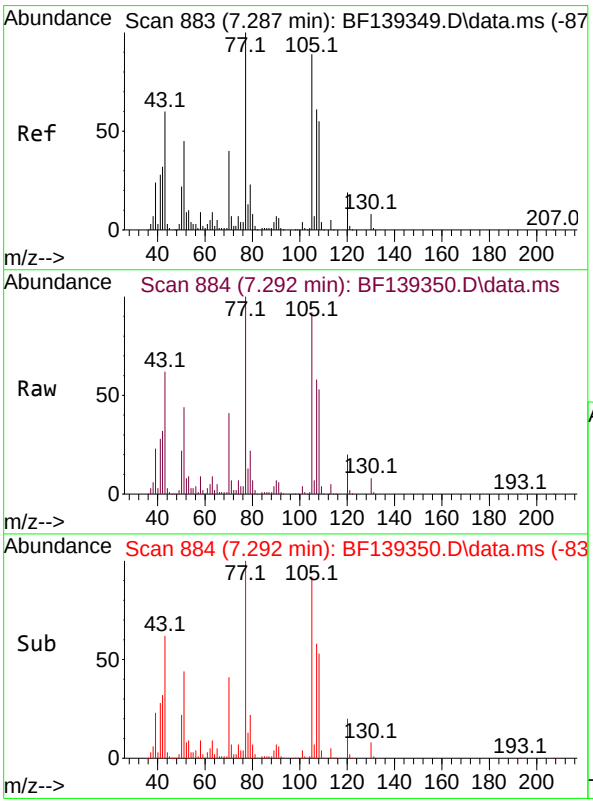
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.4	7.8	11.8
68	4.6	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

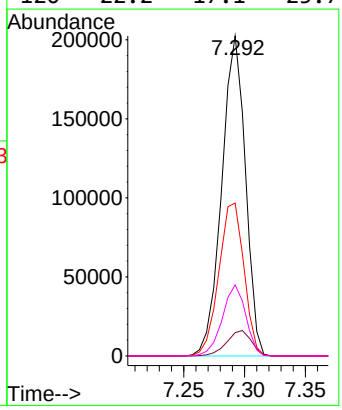
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

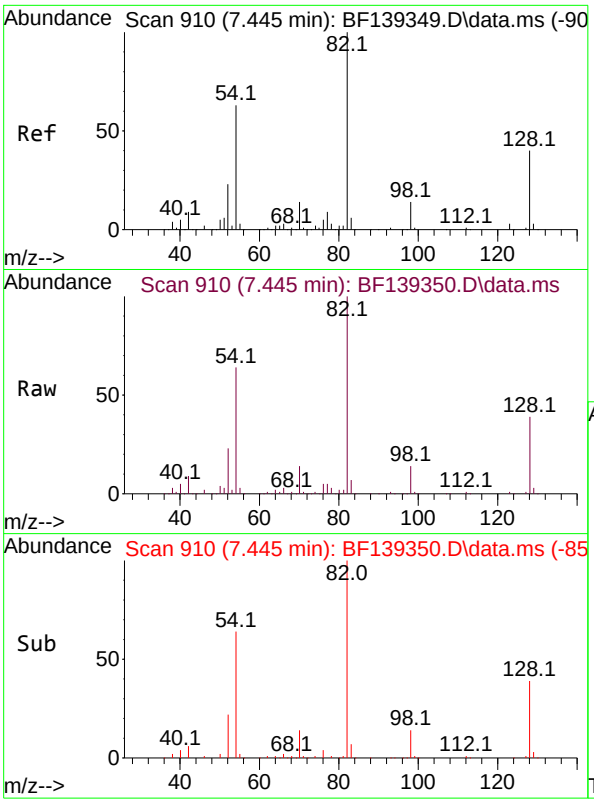


#22
Acetophenone
Concen: 48.008 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:105 Resp: 273758

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.9	8.9
51	47.8	40.0	60.0
120	22.2	17.1	25.7

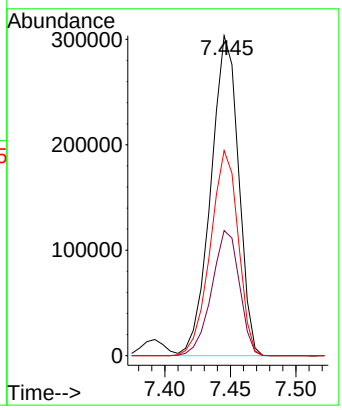




#23
Nitrobenzene-d5
Concen: 96.004 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 82 Resp: 44543

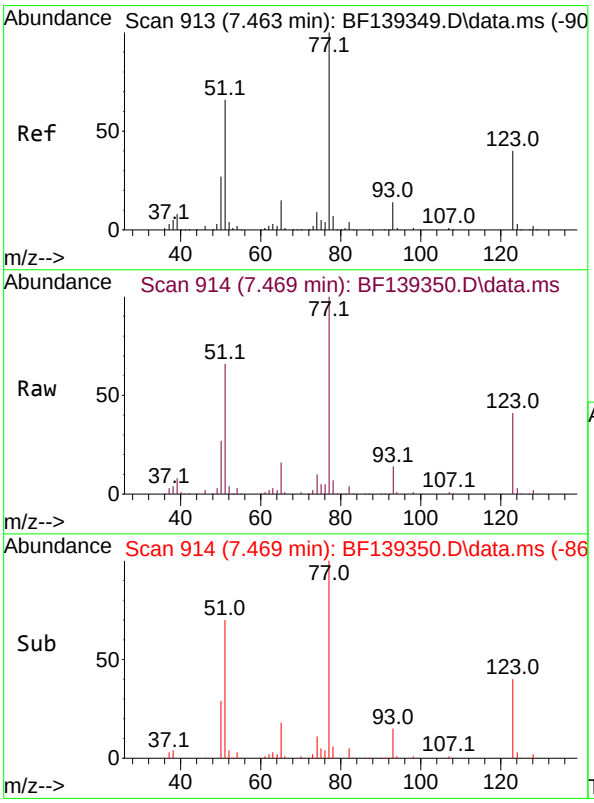
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	64.1	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

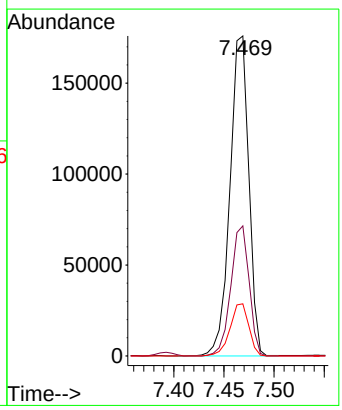
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

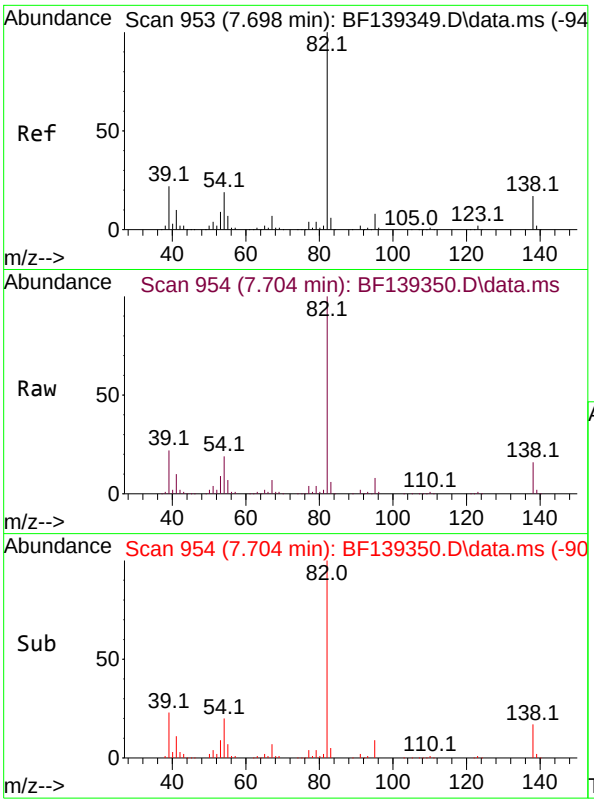


#24
Nitrobenzene
Concen: 48.198 ng
RT: 7.469 min Scan# 914
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 77 Resp: 230160

Ion	Ratio	Lower	Upper
77	100		
123	40.6	32.2	48.4
65	16.3	12.2	18.4

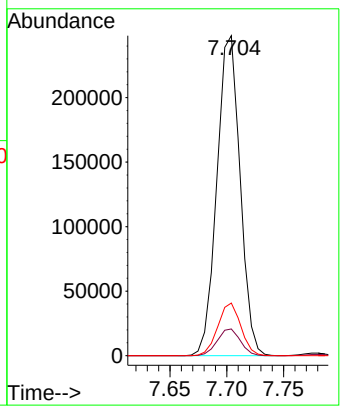




#25
Isophorone
Concen: 48.085 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 82 Resp: 35284

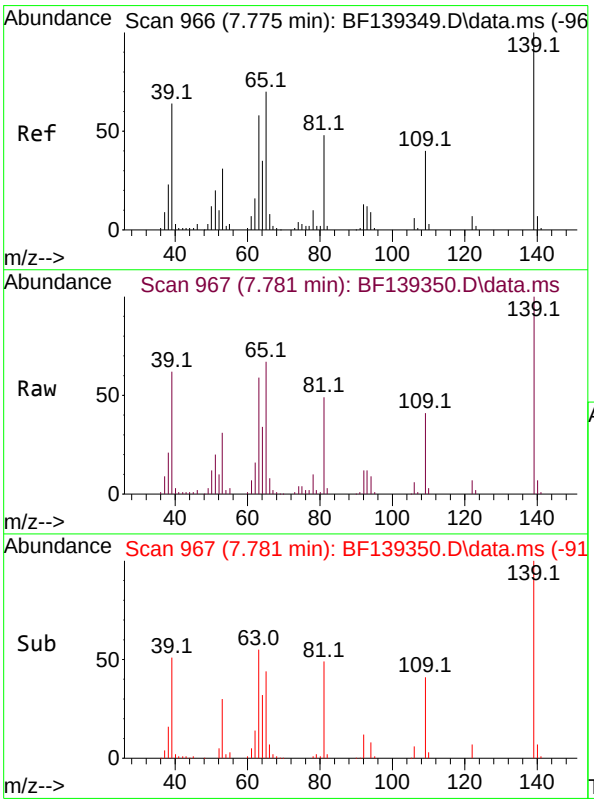
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	16.4	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

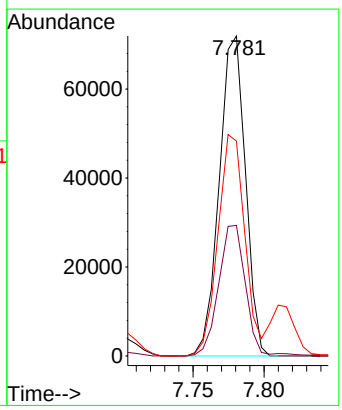
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

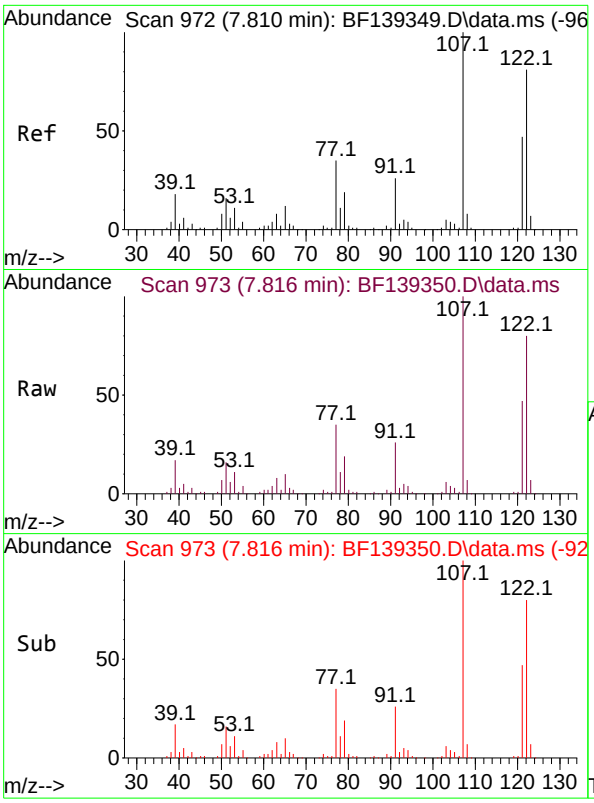


#26
2-Nitrophenol
Concen: 49.564 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:139 Resp: 92210

Ion	Ratio	Lower	Upper
139	100		
109	40.8	32.2	48.2
65	67.2	55.8	83.8

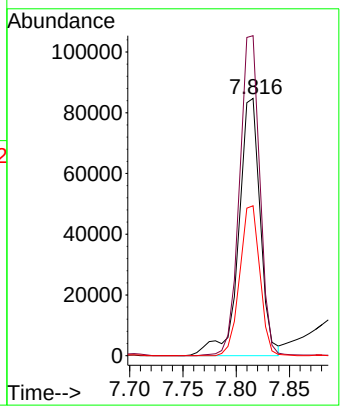




#27
2,4-Dimethylphenol
Concen: 48.567 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:122 Resp: 11918

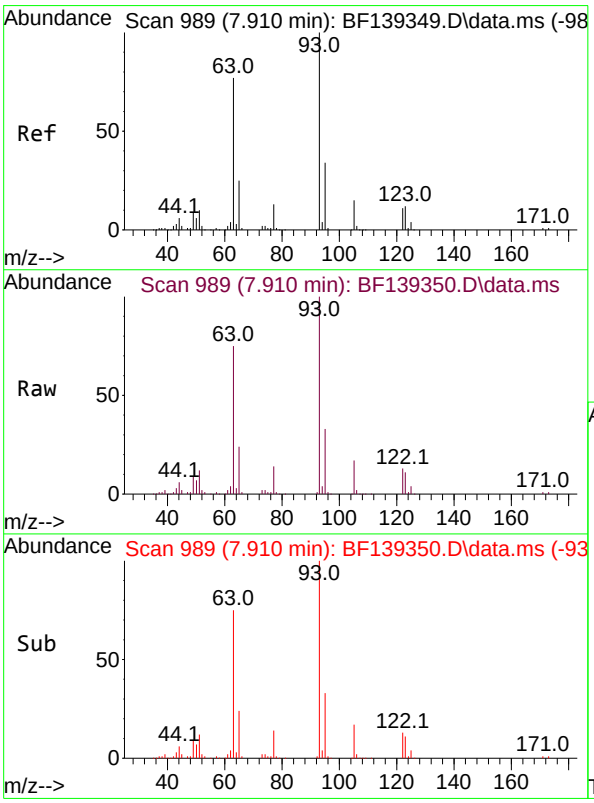
Ion	Ratio	Lower	Upper
122	100		
107	124.4	99.1	148.7
121	58.3	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

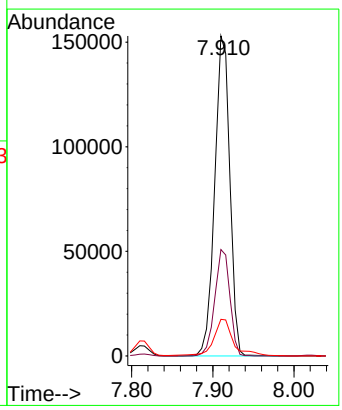
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

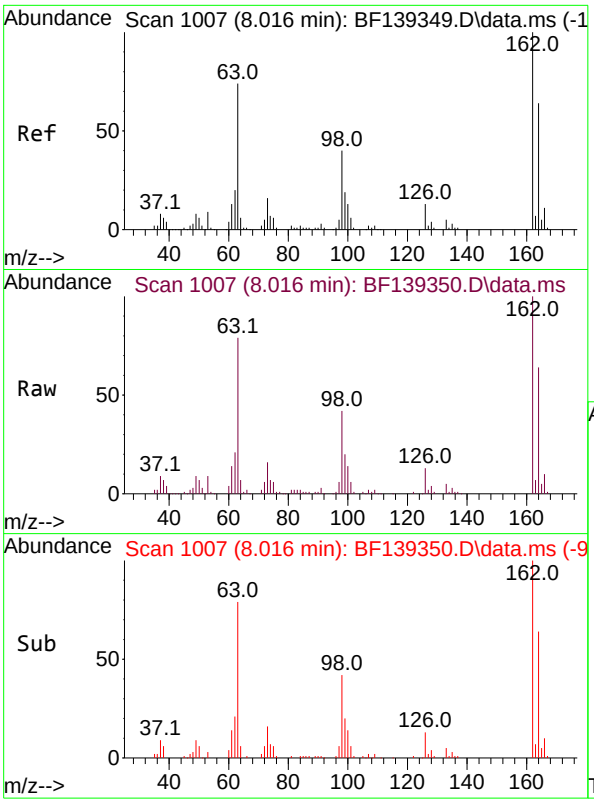


#28
bis(2-Chloroethoxy)methane
Concen: 47.425 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 93 Resp: 198334

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	11.4	10.0	15.0

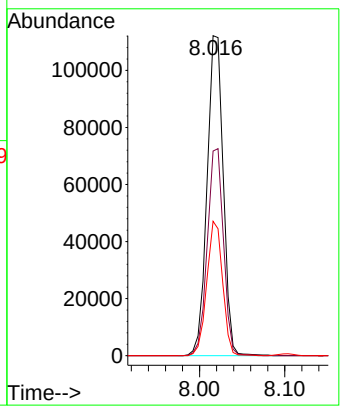




#29
2,4-Dichlorophenol
Concen: 47.525 ng
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:162 Resp: 14816

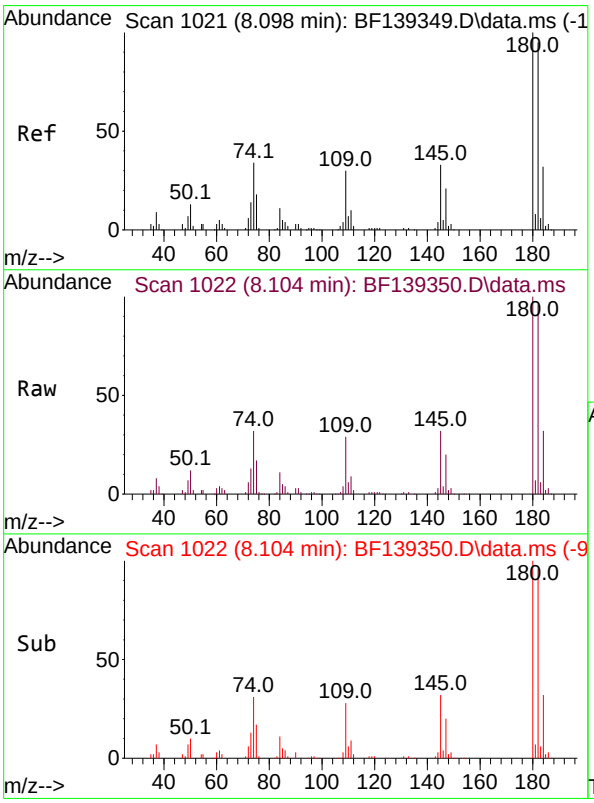
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	42.0	19.7	59.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

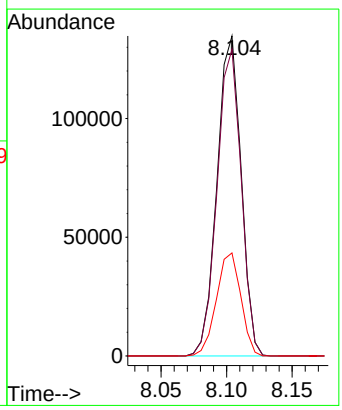
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

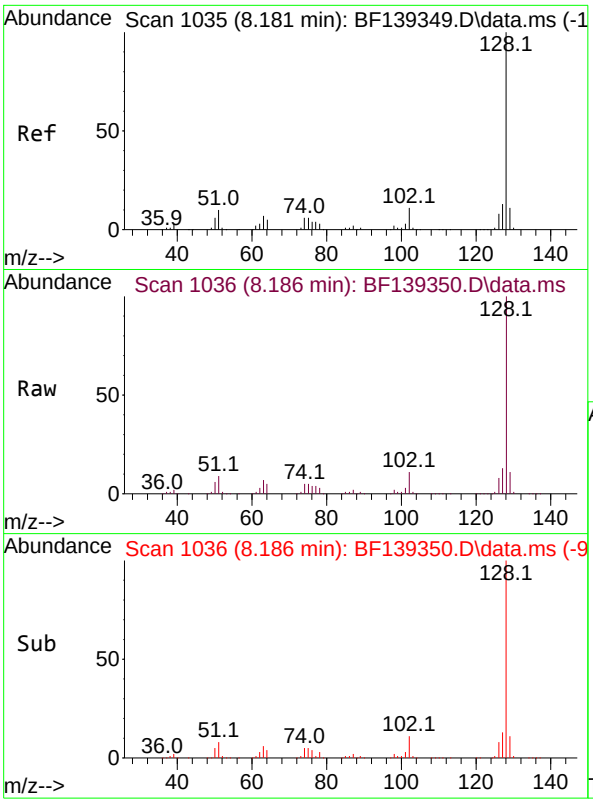


#30
1,2,4-Trichlorobenzene
Concen: 47.393 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:180 Resp: 172156

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
145	32.2	26.5	39.7

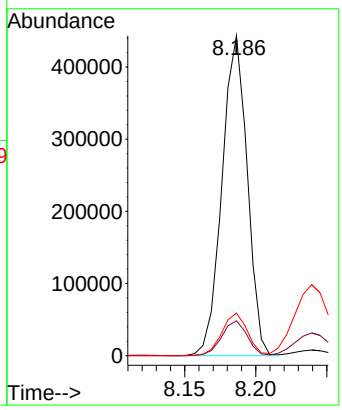




#31
Naphthalene
Concen: 48.024 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:128 Resp: 54686

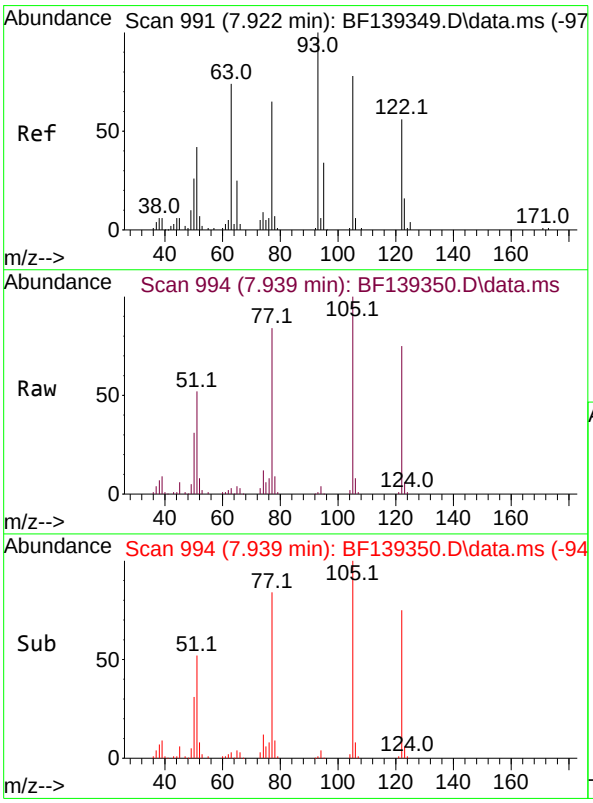
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

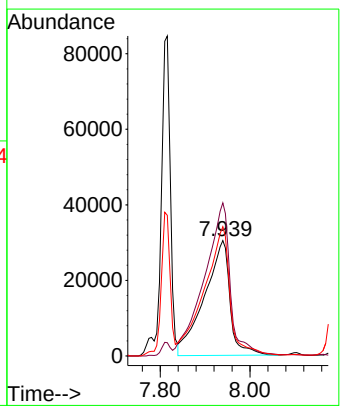
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

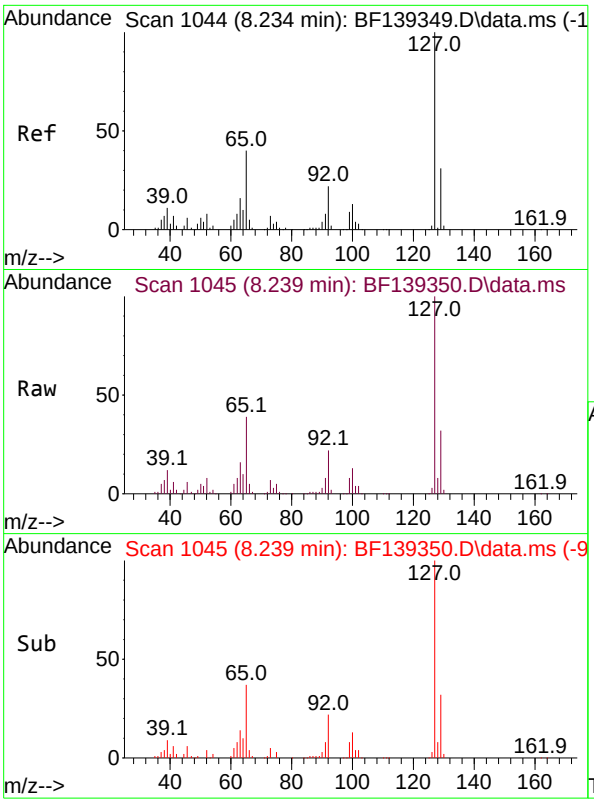


#32
Benzoic acid
Concen: 52.273 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:122 Resp: 120521

Ion	Ratio	Lower	Upper
122	100		
105	132.7	117.1	157.1
77	112.1	95.4	135.4

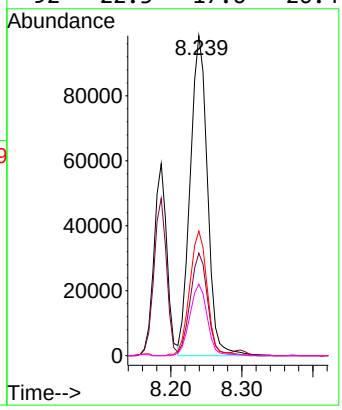




#33
4-Chloroaniline
Concen: 47.818 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:127 Resp: 16658

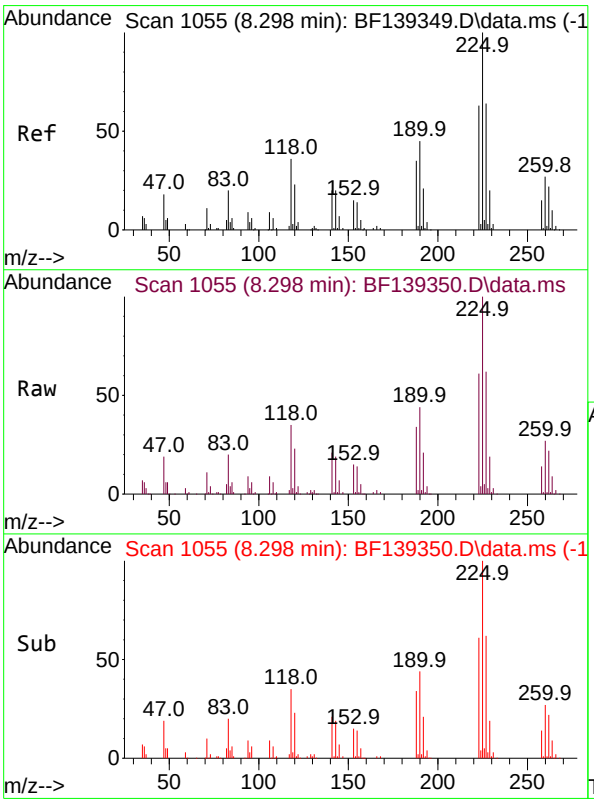
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	38.9	31.5	47.3
92	22.3	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

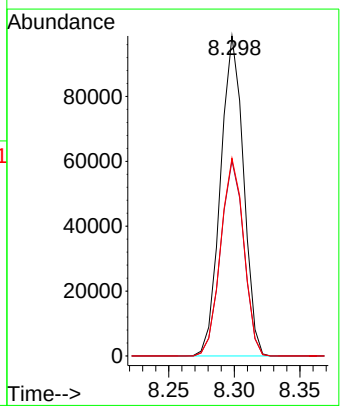
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

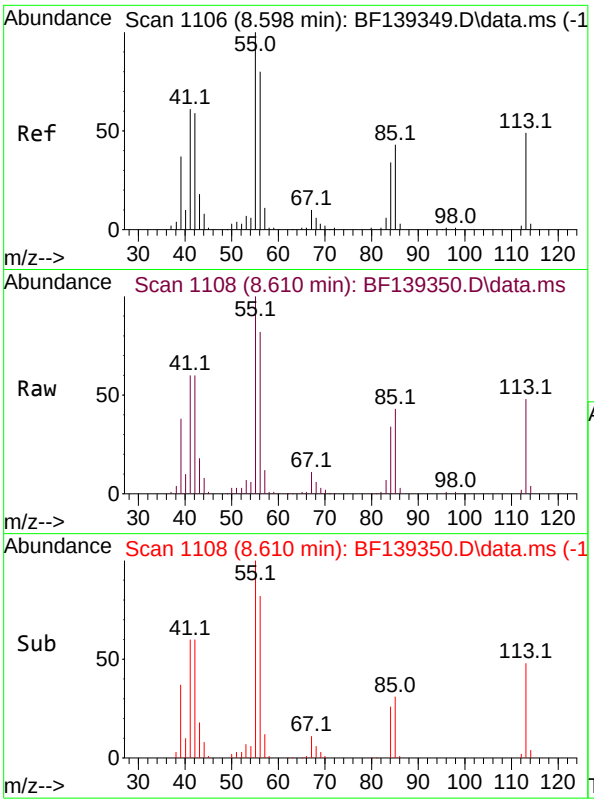


#34
Hexachlorobutadiene
Concen: 48.681 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:225 Resp: 120140

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.1	75.1
227	61.8	51.0	76.6

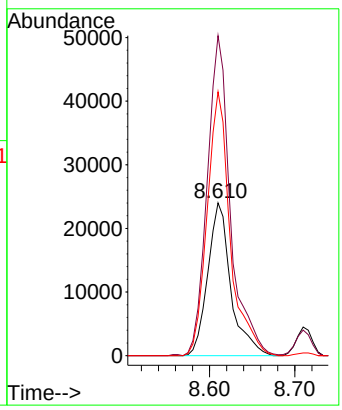




#35
Caprolactam
Concen: 47.092 ng
RT: 8.610 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:113 Resp: 4516

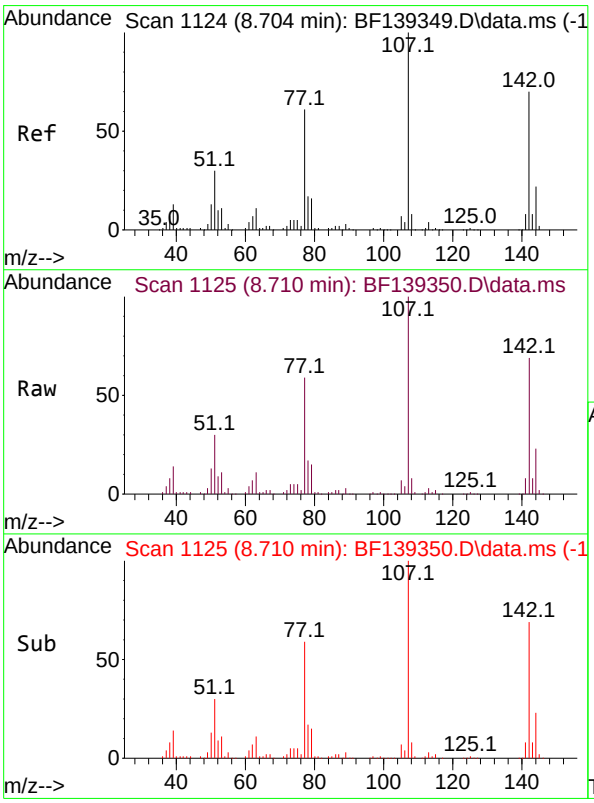
Ion	Ratio	Lower	Upper
113	100		
55	209.4	186.1	226.1
56	172.7	144.9	184.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

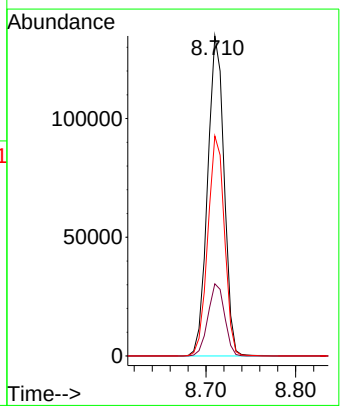
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

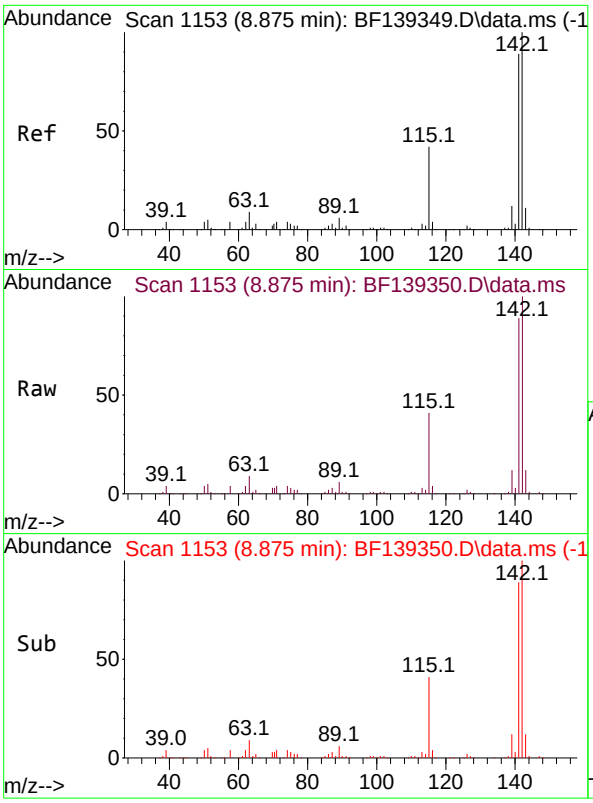


#36
4-Chloro-3-methylphenol
Concen: 48.284 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:107 Resp: 172036

Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.5	26.3
142	68.8	55.8	83.8

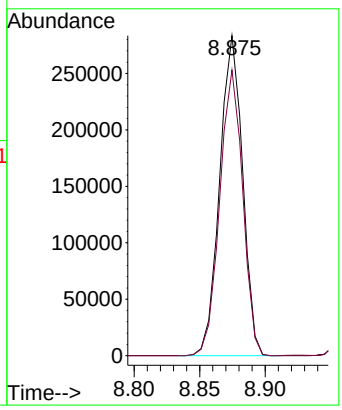




#37
2-Methylnaphthalene
Concen: 47.601 ng
RT: 8.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:142 Resp: 34405

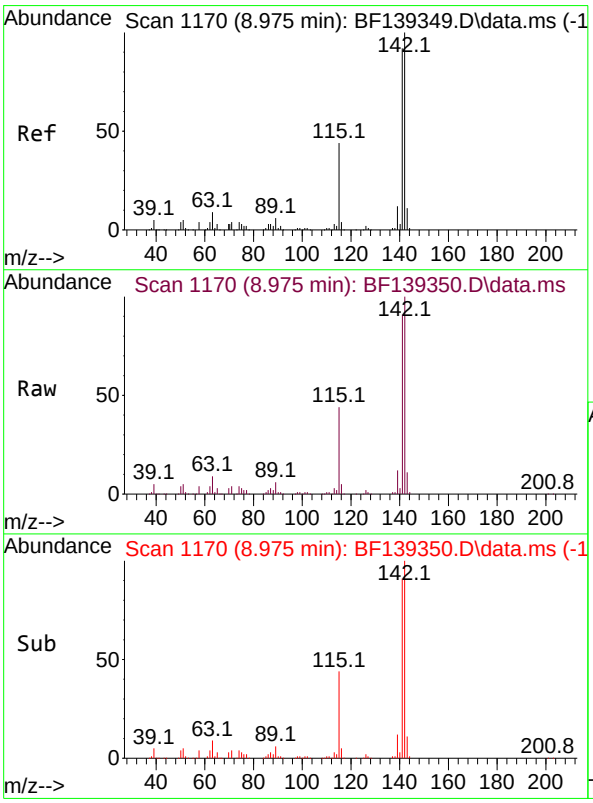
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

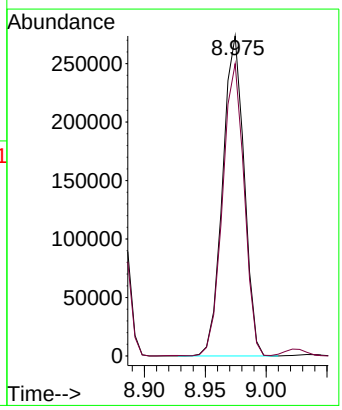
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

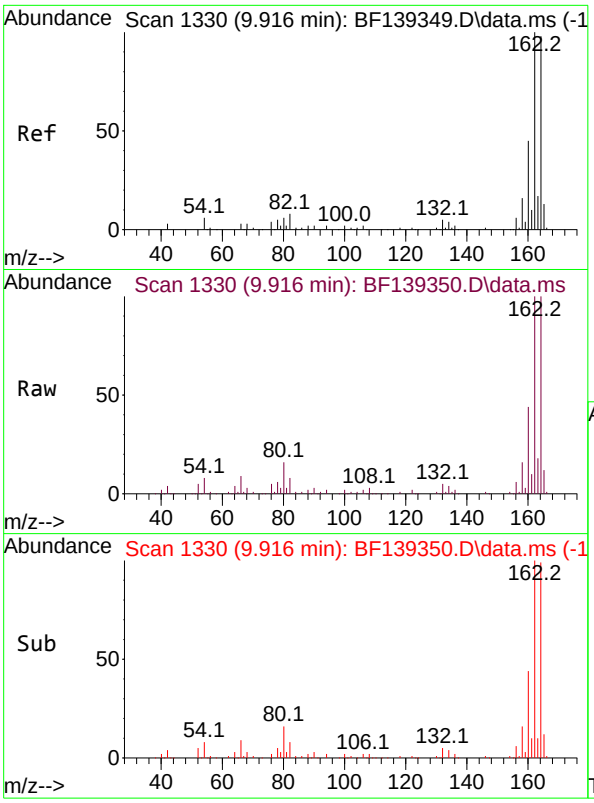


#38
1-Methylnaphthalene
Concen: 47.357 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:142 Resp: 336046

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8

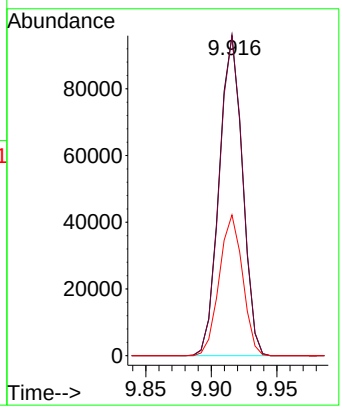




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:164 Resp: 11831

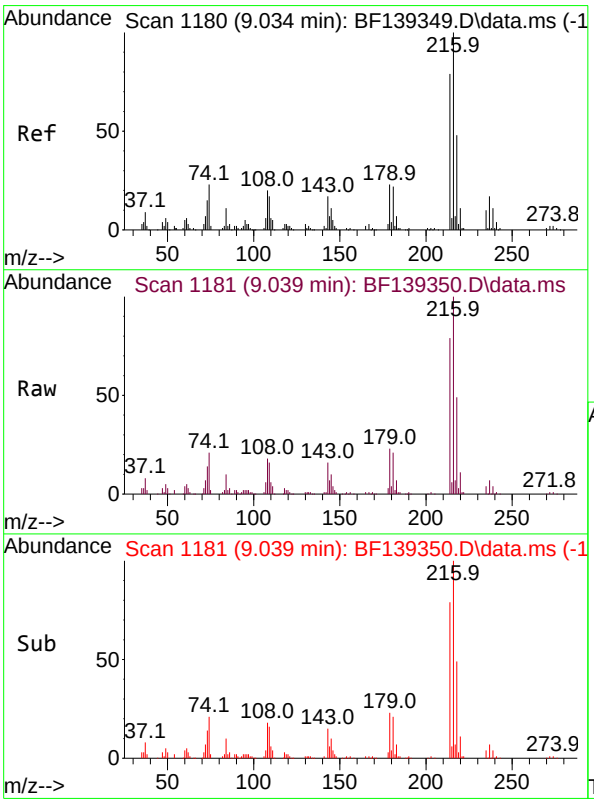
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	44.0	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

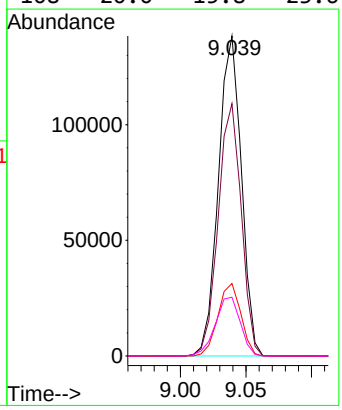
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

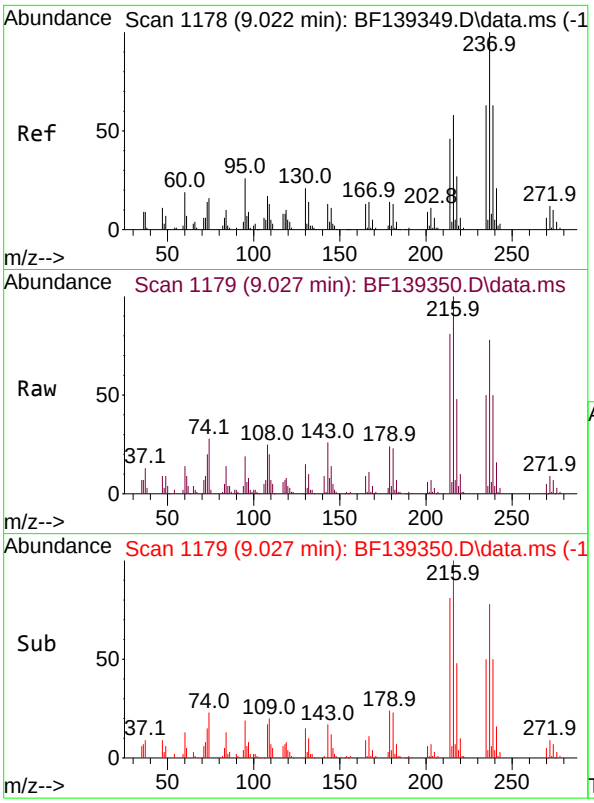


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.964 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:216 Resp: 168182

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.7	18.2	27.2
108	20.0	15.8	23.6

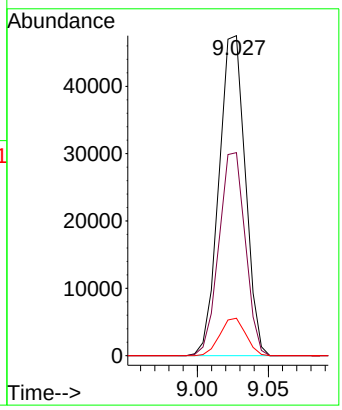




#41
Hexachlorocyclopentadiene
Concen: 50.004 ng
RT: 9.027 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:237 Resp: 6122

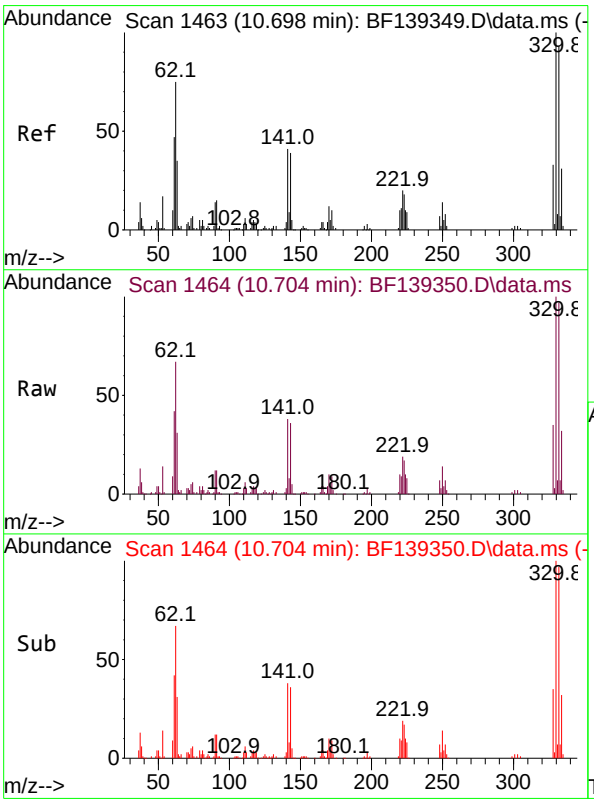
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	11.7	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

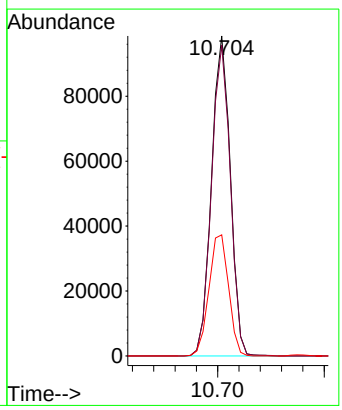
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

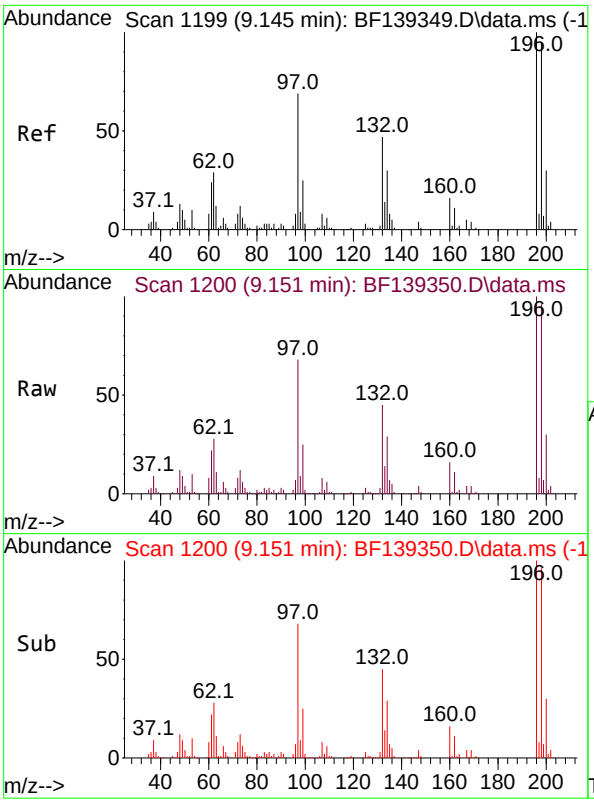


#42
2,4,6-Tribromophenol
Concen: 95.604 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:330 Resp: 120422

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.2	112.8
141	39.7	31.2	46.8

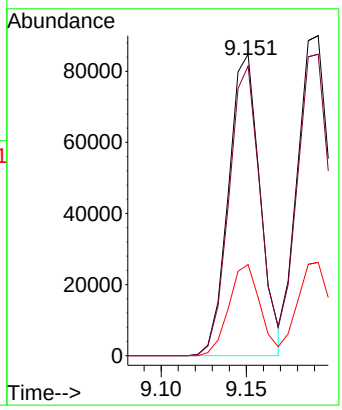




#43
2,4,6-Trichlorophenol
Concen: 47.923 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:196 Resp: 10932

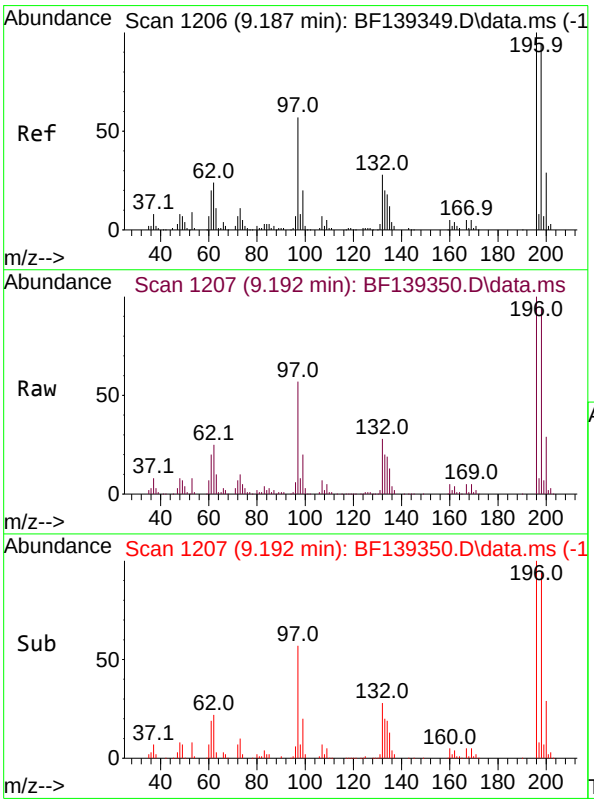
Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.8	113.6
200	30.2	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

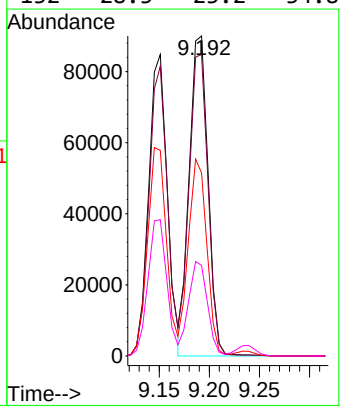
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

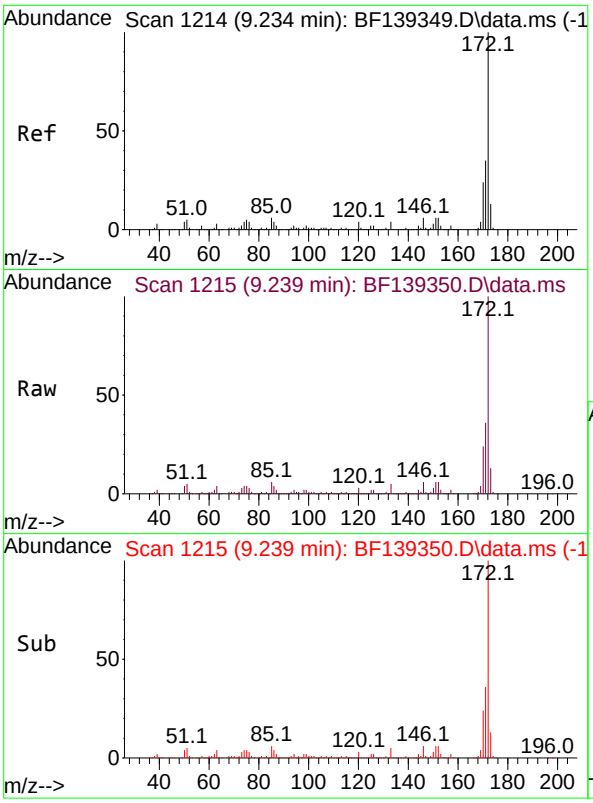


#44
2,4,5-Trichlorophenol
Concen: 49.117 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:196 Resp: 118193

Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.8	112.2
97	57.2	47.3	70.9
132	28.3	23.2	34.8

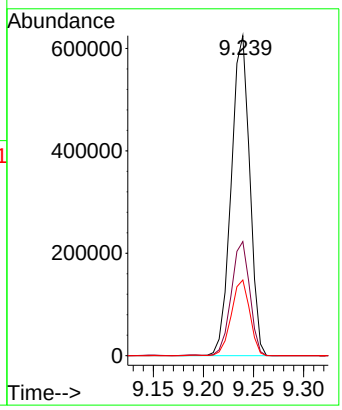




#45
2-Fluorobiphenyl
Concen: 95.192 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:172 Resp: 80302

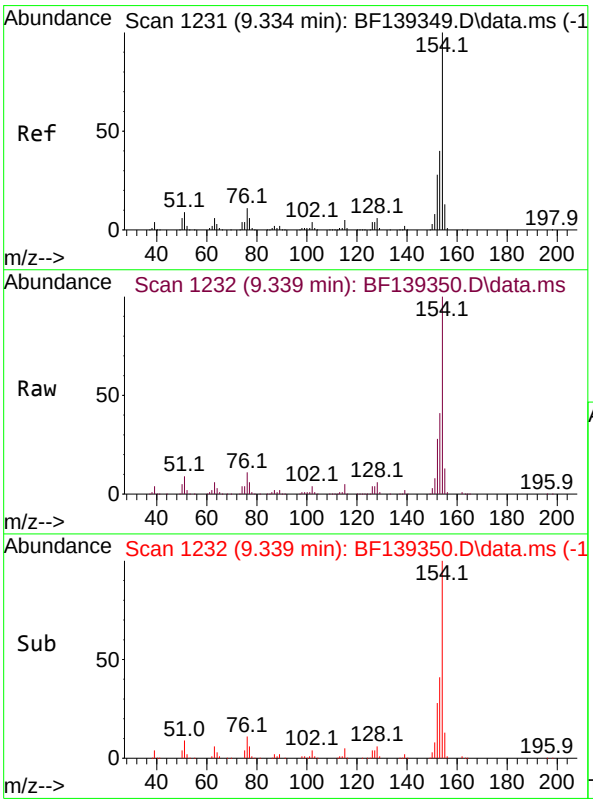
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.7	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

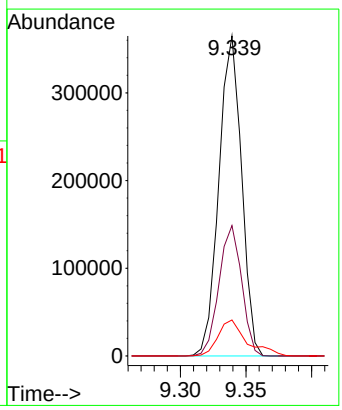
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

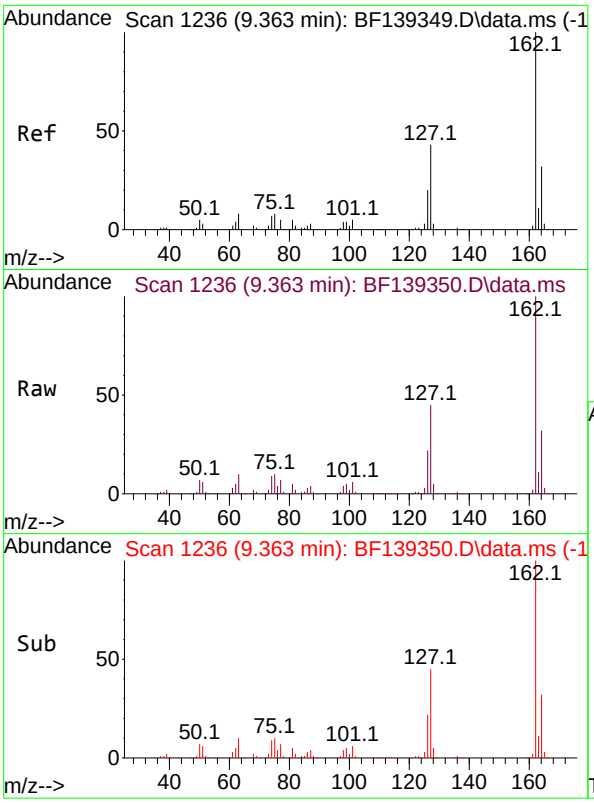


#46
1,1'-Biphenyl
Concen: 48.070 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:154 Resp: 437548

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.1	60.1
76	11.2	0.0	31.1

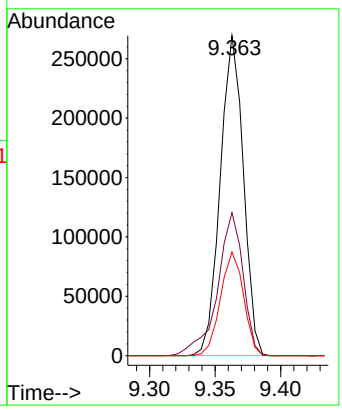




#47
2-Chloronaphthalene
Concen: 48.505 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:162 Resp: 330109

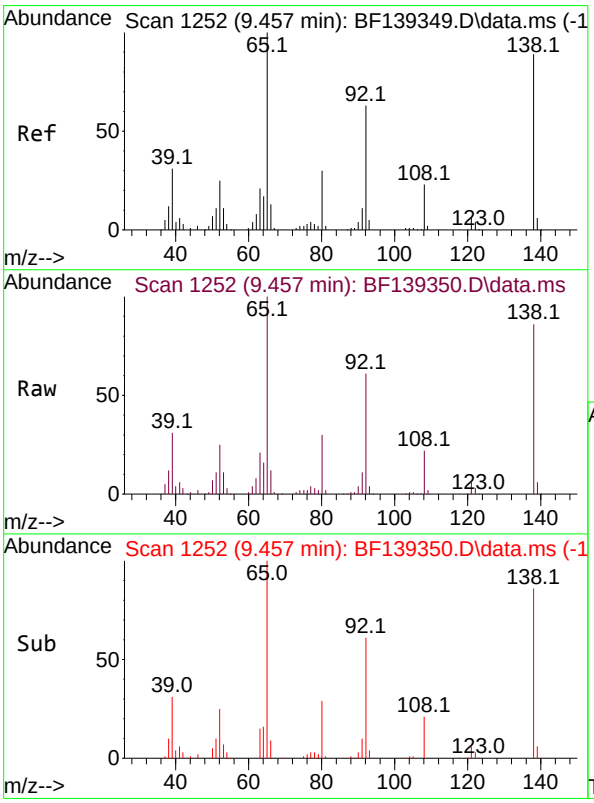
Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.0	52.4
164	32.4	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

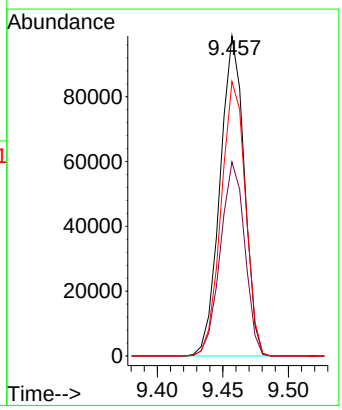
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

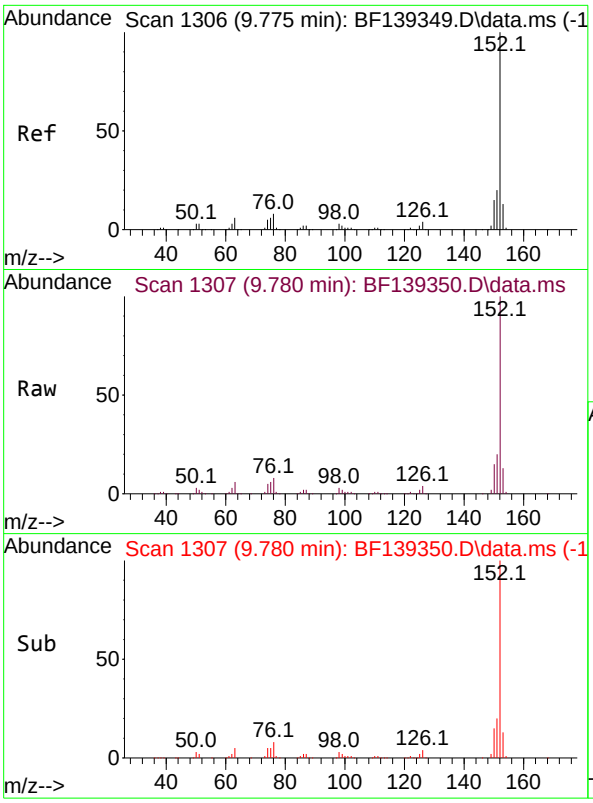


#48
2-Nitroaniline
Concen: 49.987 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 65 Resp: 126535

Ion	Ratio	Lower	Upper
65	100		
92	60.6	50.3	75.5
138	85.7	71.3	106.9

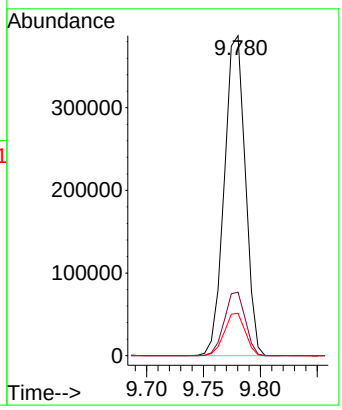




#49
Acenaphthylene
Concen: 48.531 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:152 Resp: 49718

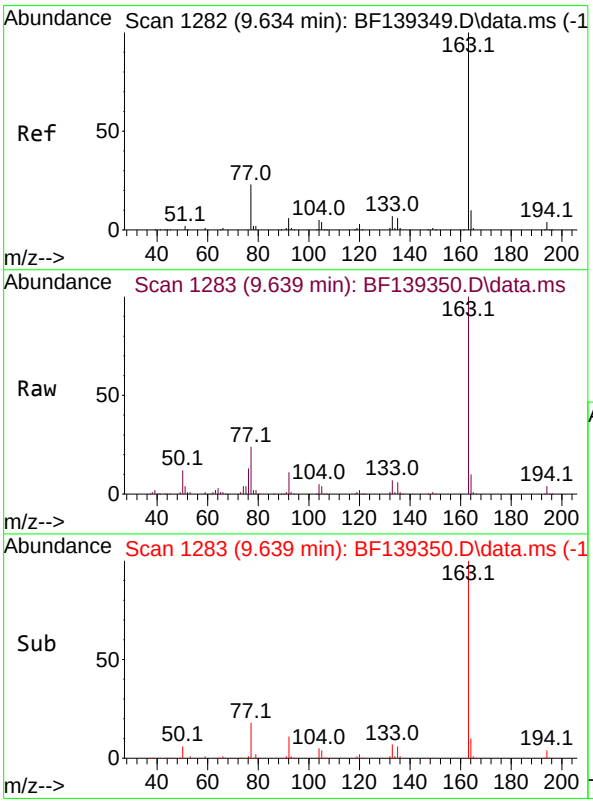
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.2	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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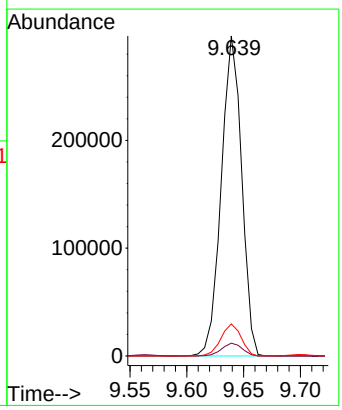
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

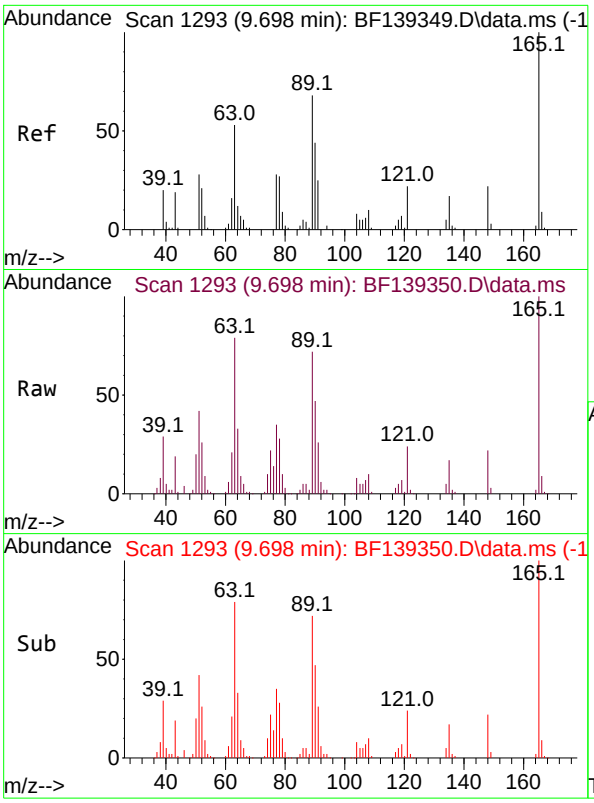


#50
Dimethylphthalate
Concen: 47.723 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:163 Resp: 370588

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 49.939 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

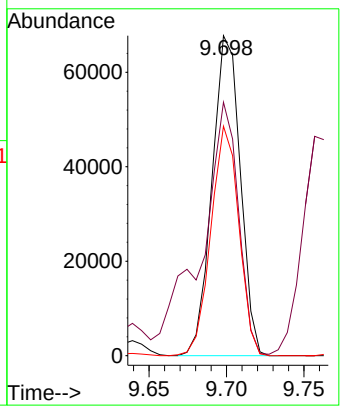
Tgt Ion:165 Resp: 8591

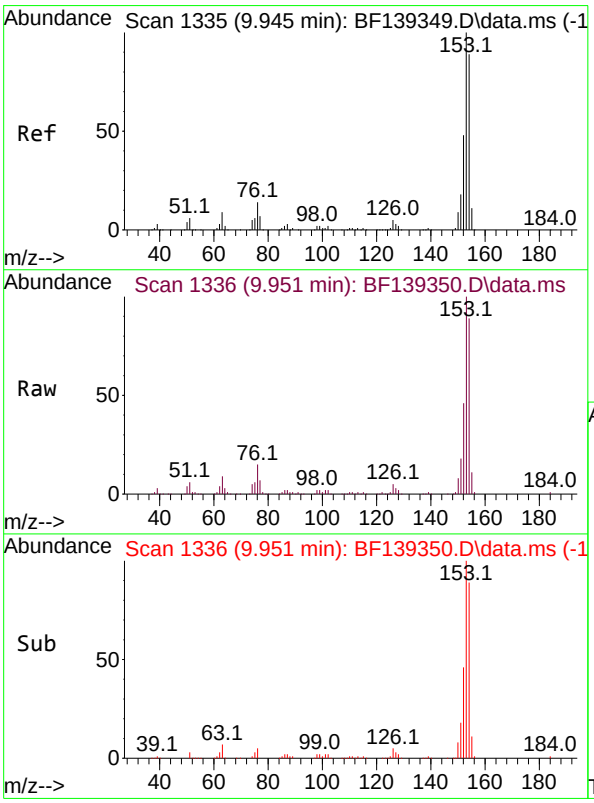
Ion	Ratio	Lower	Upper
165	100		
63	79.2	60.9	91.3
89	71.7	54.7	82.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Supervised By :mohammad ahmed 09/16/2024

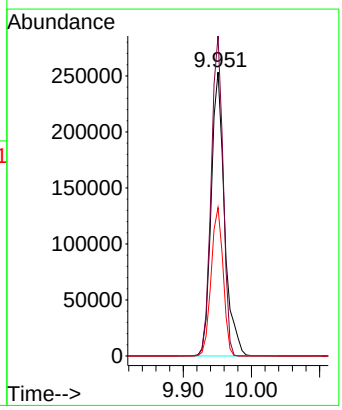


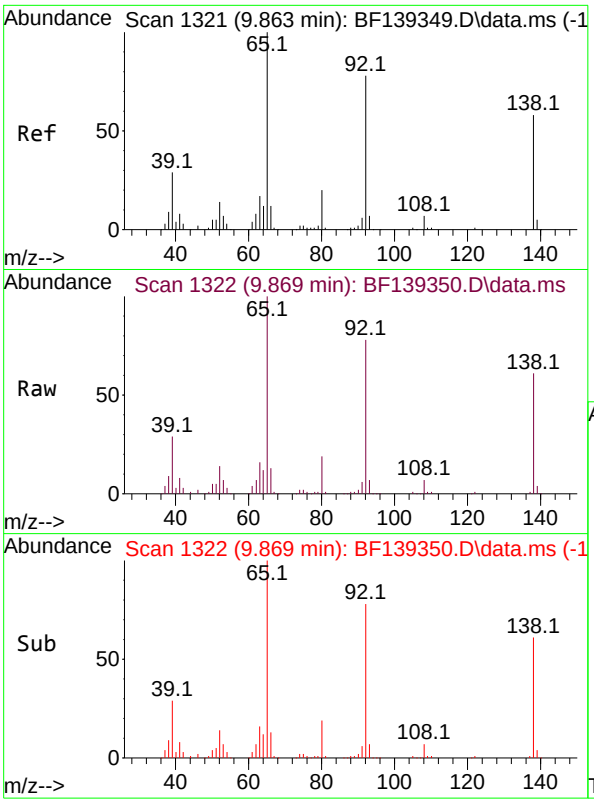


#52
Acenaphthene
Concen: 48.356 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:154 Resp: 345749

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	52.3	42.6	64.0





#53
3-Nitroaniline
Concen: 48.815 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

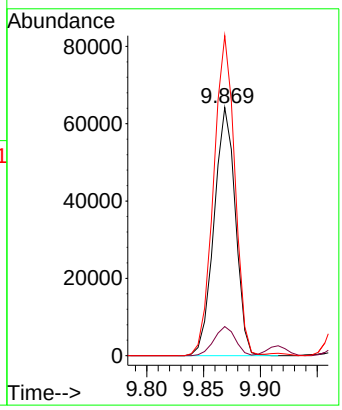
Tgt Ion:138 Resp: 8392

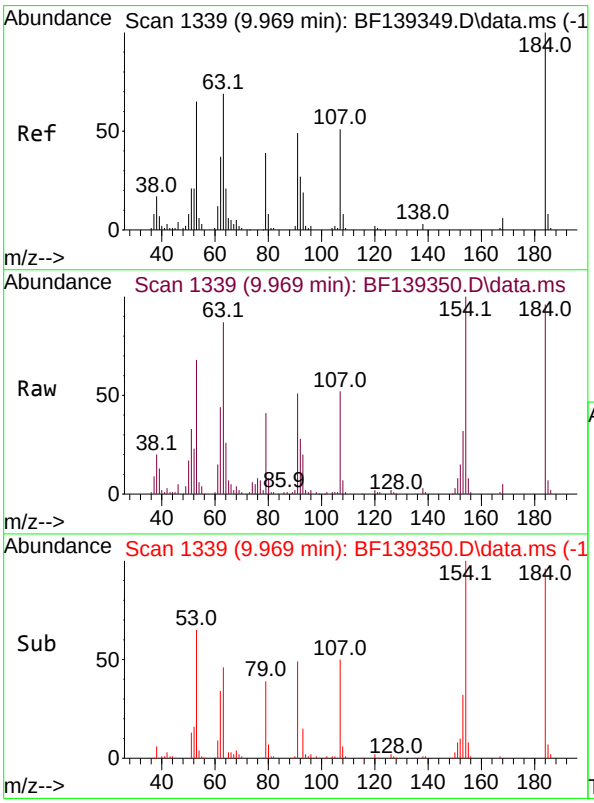
Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.8	14.8
92	128.9	107.4	161.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Supervised By :mohammad ahmed 09/16/2024

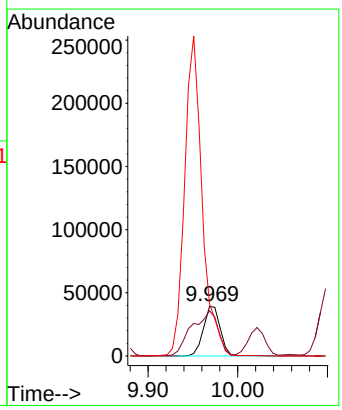


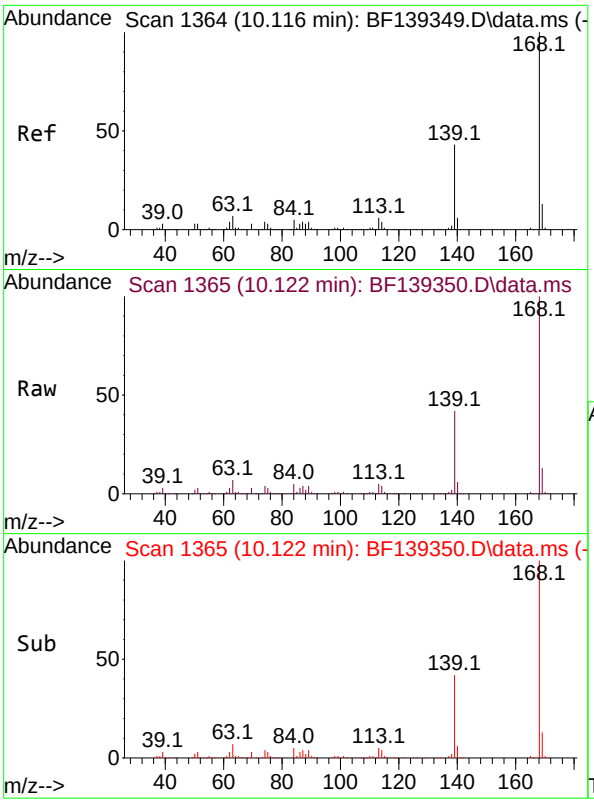


#54
2,4-Dinitrophenol
Concen: 57.104 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:184 Resp: 51497

Ion	Ratio	Lower	Upper
184	100		
63	90.8	69.3	103.9
154	104.7	67.5	101.3#

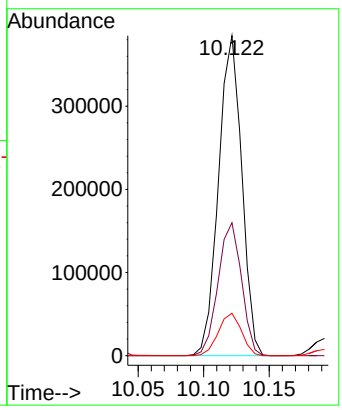




#55
Dibenzofuran
Concen: 47.477 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:168 Resp: 47314

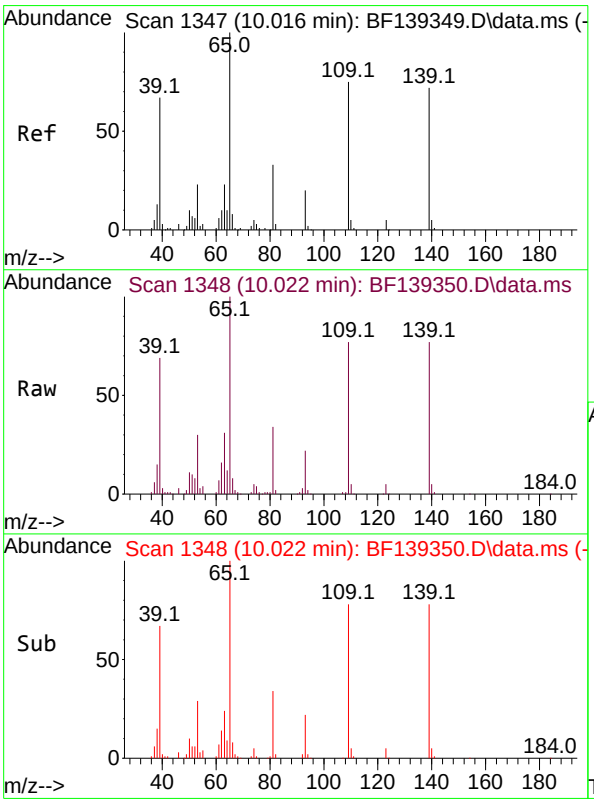
Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.1	51.1
169	13.2	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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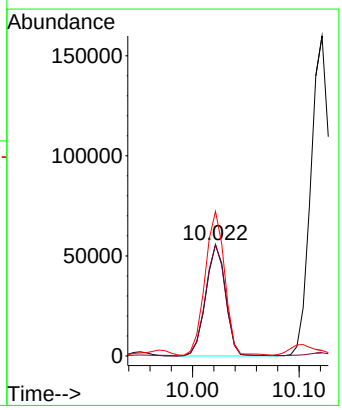
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

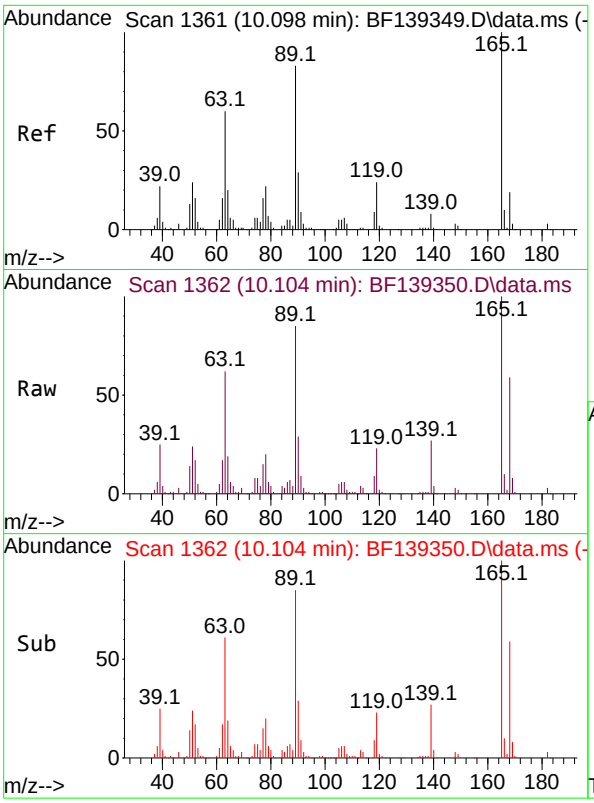


#56
4-Nitrophenol
Concen: 50.685 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:139 Resp: 72103

Ion	Ratio	Lower	Upper
139	100		
109	100.3	84.1	124.1
65	130.1	120.0	160.0

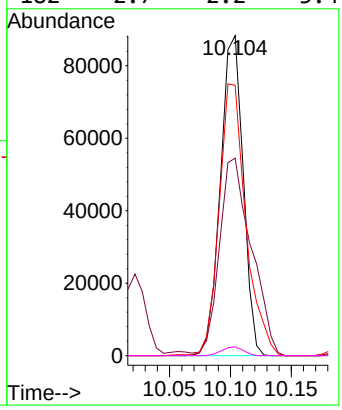




#57
2,4-Dinitrotoluene
Concen: 49.465 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:165 Resp: 11488

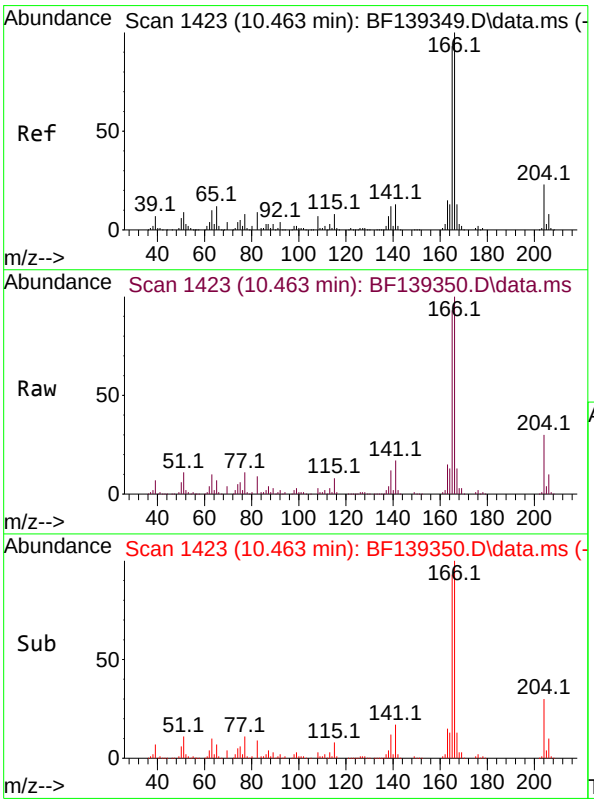
Ion	Ratio	Lower	Upper
165	100		
63	61.8	47.8	71.6
89	84.5	66.7	100.1
182	2.7	2.2	3.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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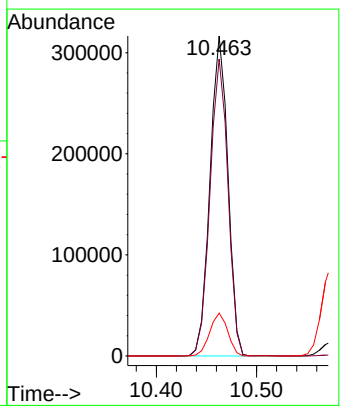
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

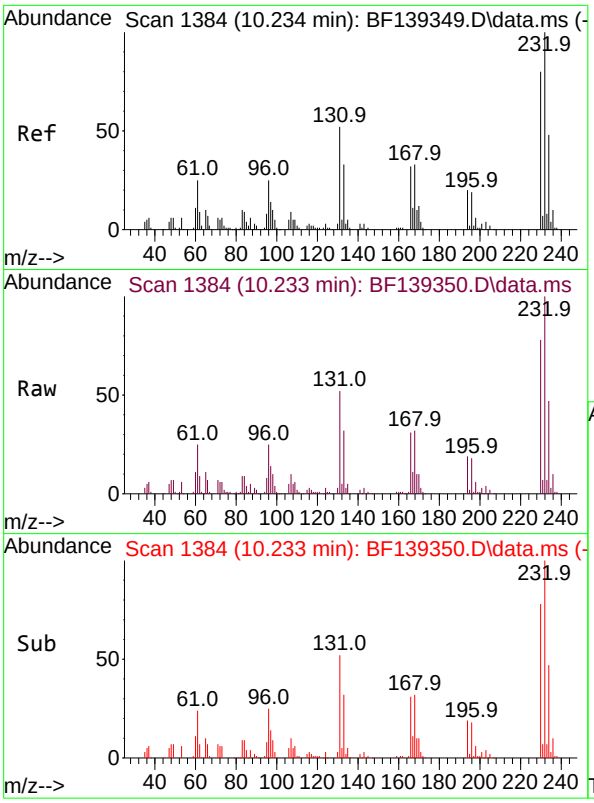


#58
Fluorene
Concen: 48.191 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:166 Resp: 391850

Ion	Ratio	Lower	Upper
166	100		
165	92.8	74.5	111.7
167	13.4	10.6	16.0

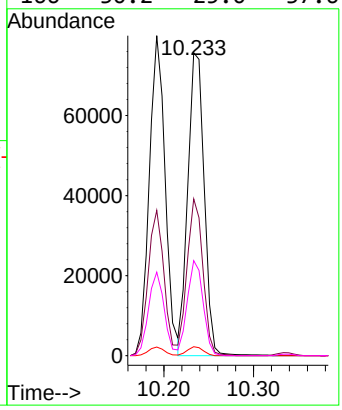




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.219 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:232 Resp: 9598

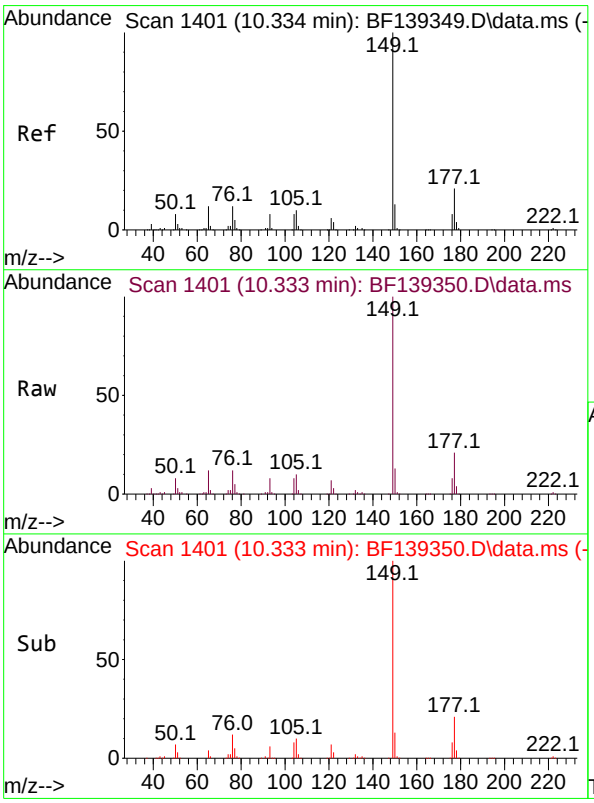
Ion	Ratio	Lower	Upper
232	100		
131	49.7	40.7	61.1
130	2.8	2.2	3.2
166	30.2	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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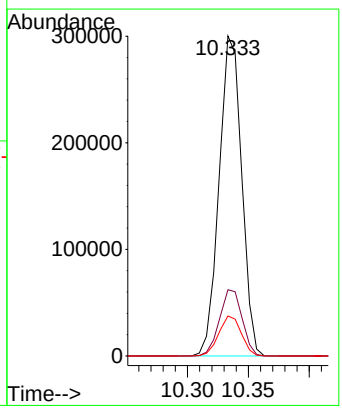
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

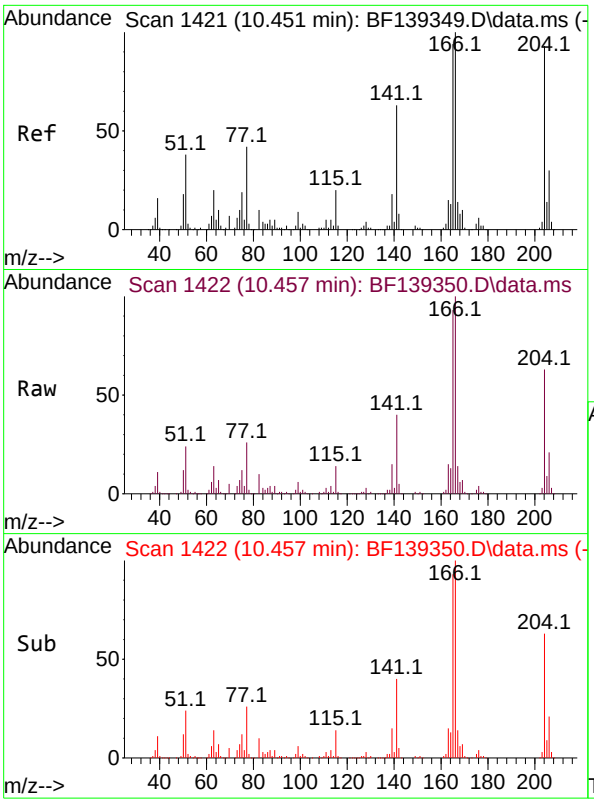


#60
Diethylphthalate
Concen: 48.314 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:149 Resp: 387175

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.6	24.8
150	12.5	10.6	15.8





#61
4-Chlorophenyl-phenylether
Concen: 48.061 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

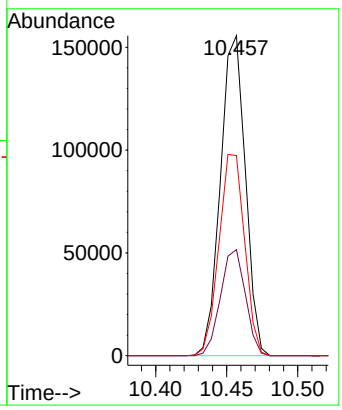
Tgt Ion:204 Resp: 18992

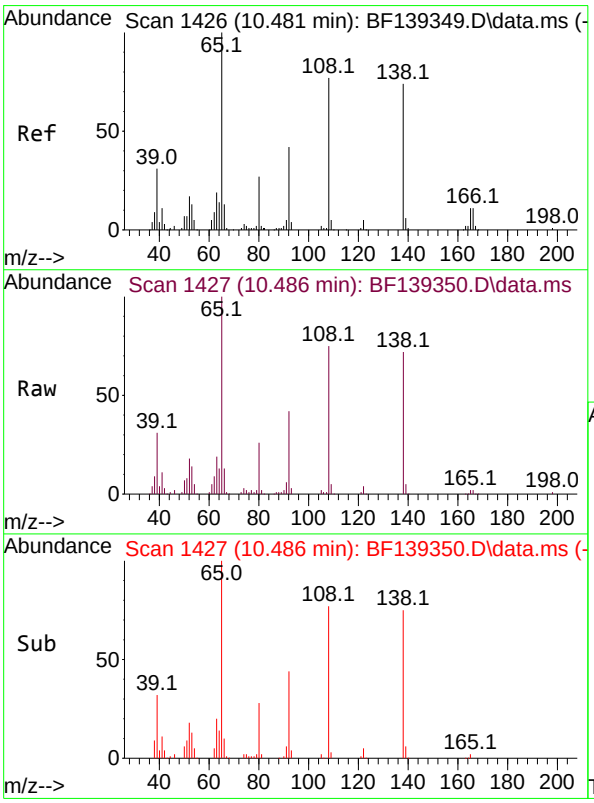
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	62.5	53.9	80.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

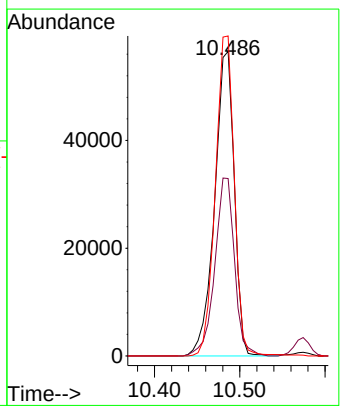


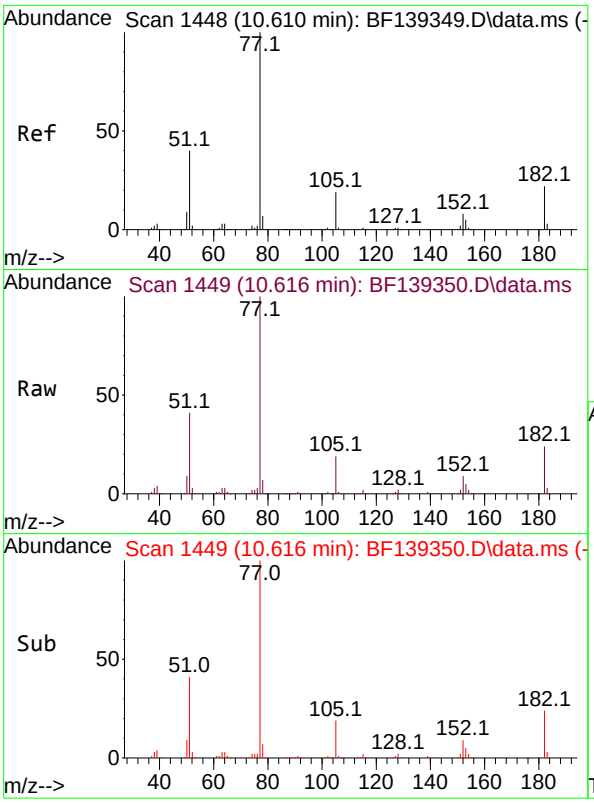


#62
4-Nitroaniline
Concen: 48.340 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:138 Resp: 90703

Ion	Ratio	Lower	Upper
138	100		
92	58.3	37.0	77.0
108	105.0	84.4	124.4

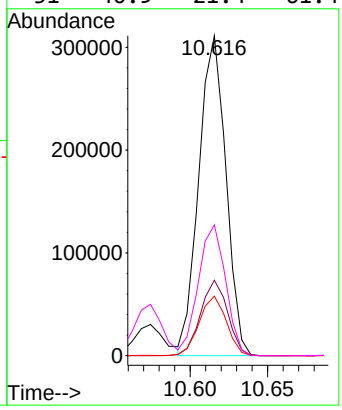




#63
Azobenzene
Concen: 48.019 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 77 Resp: 37848

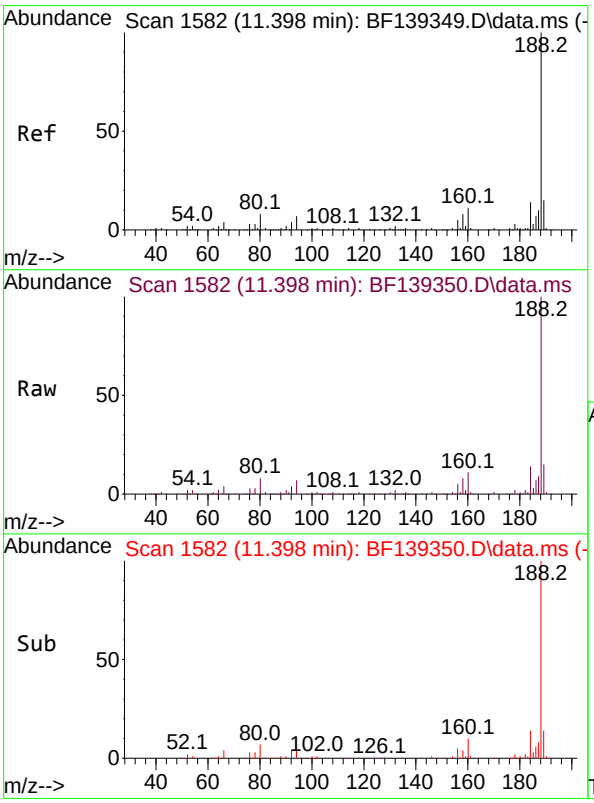
Ion	Ratio	Lower	Upper
77	100		
182	23.6	1.8	41.8
105	18.6	0.0	38.6
51	40.9	21.4	61.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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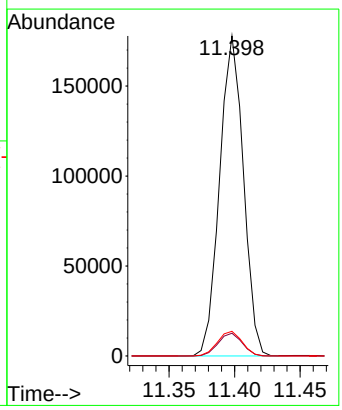
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

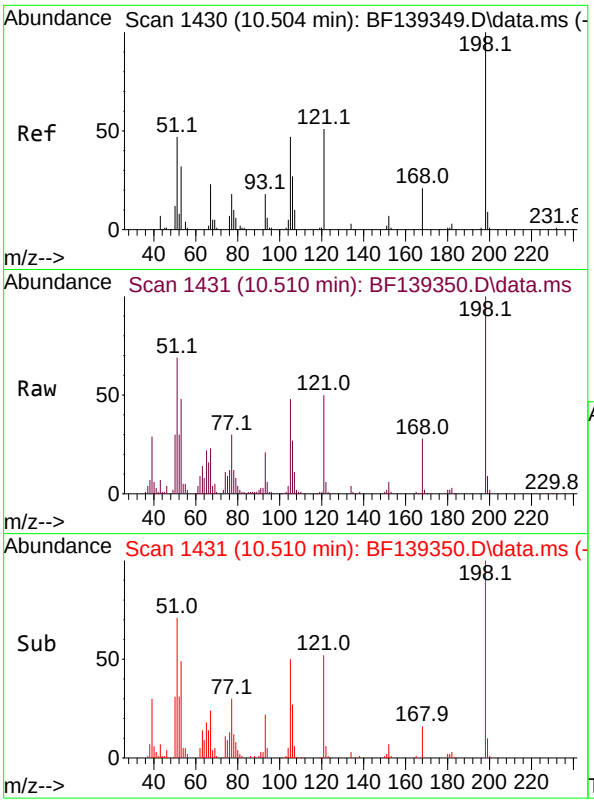


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:188 Resp: 224385

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.7	6.6	9.8

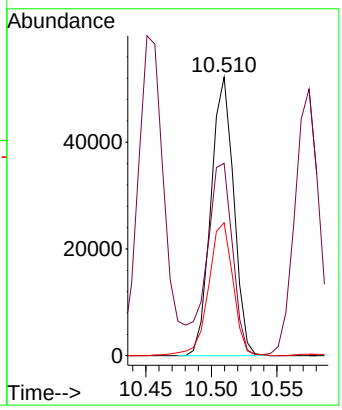




#65
4,6-Dinitro-2-methylphenol
Concen: 53.312 ng
RT: 10.510 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:198 Resp: 6313

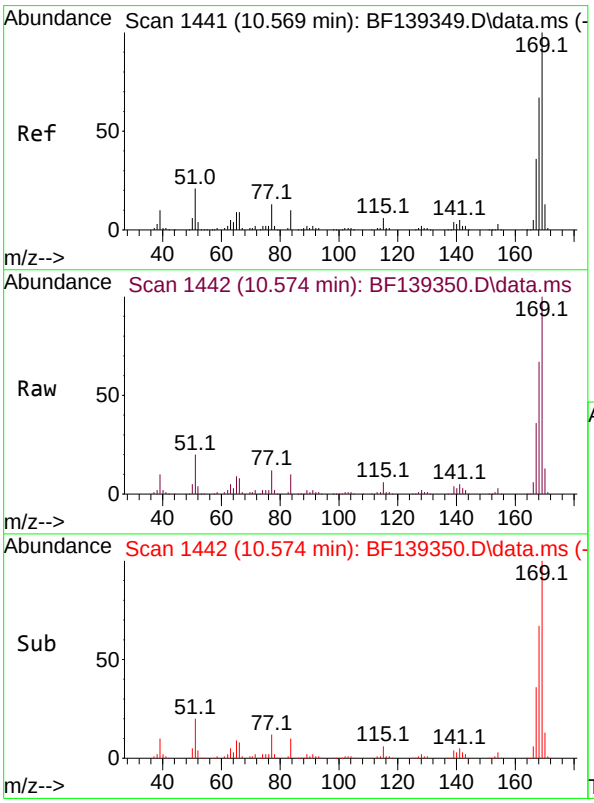
Ion	Ratio	Lower	Upper
198	100		
51	69.1	50.4	90.4
105	47.7	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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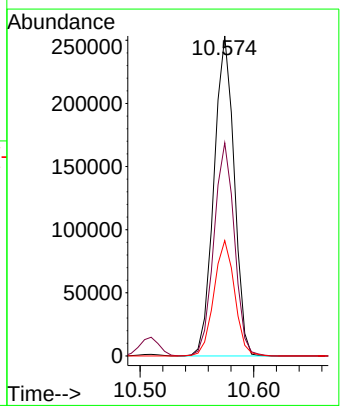
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

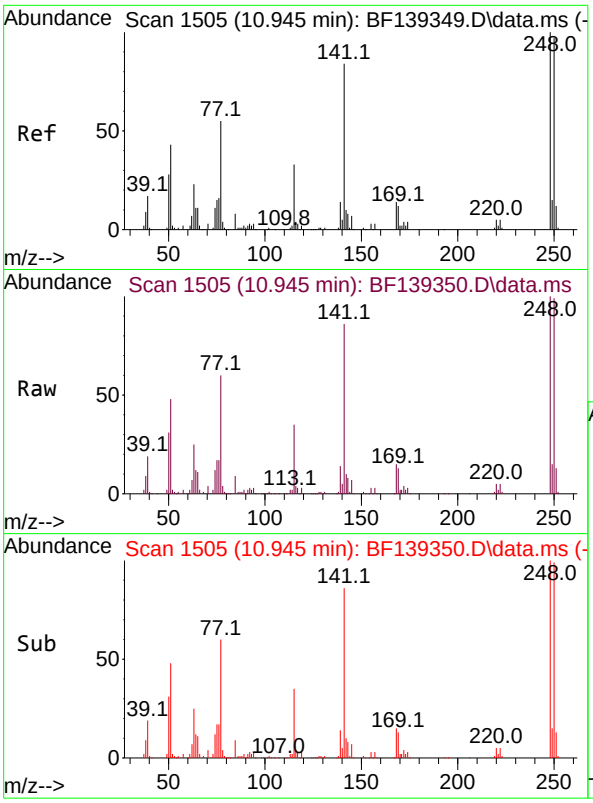


#66
n-Nitrosodiphenylamine
Concen: 47.849 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:169 Resp: 313904

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.6	80.4
167	36.0	28.7	43.1

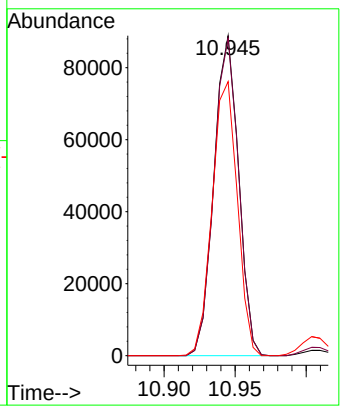




#67
4-Bromophenyl-phenylether
Concen: 48.254 ng
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:248 Resp: 10729

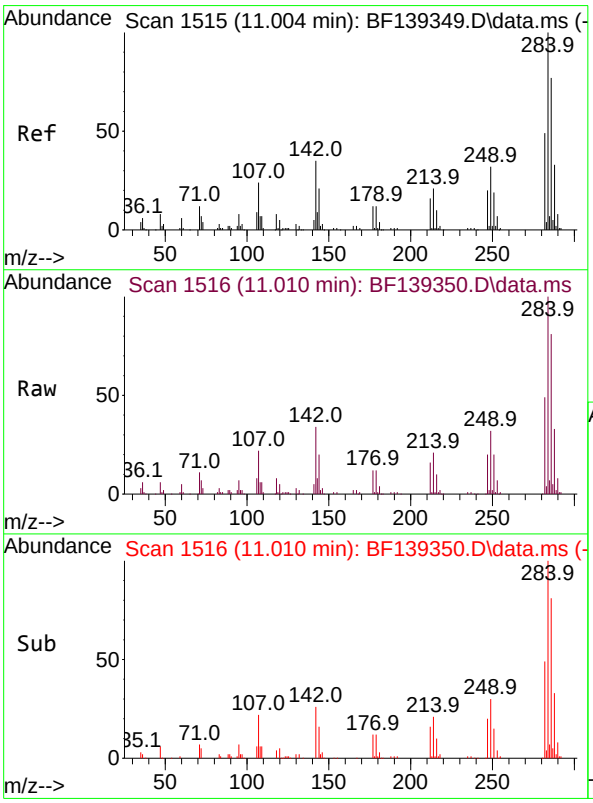
Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.6	116.4
141	85.7	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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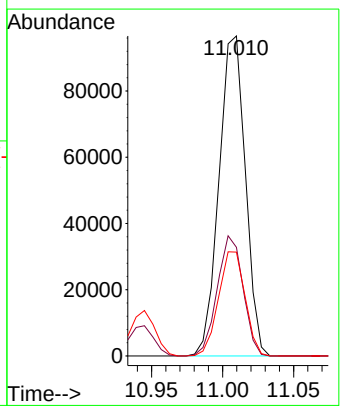
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

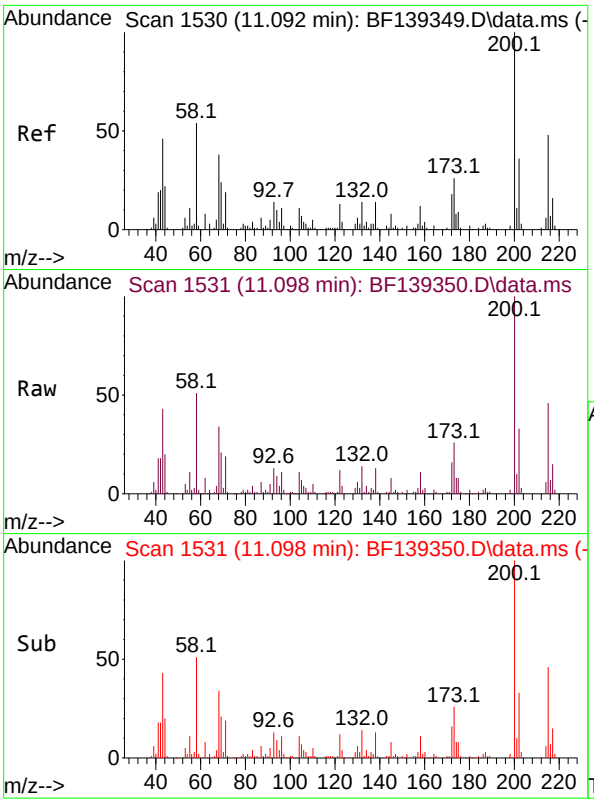


#68
Hexachlorobenzene
Concen: 47.865 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:284 Resp: 124911

Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.0	42.0
249	32.5	25.3	37.9

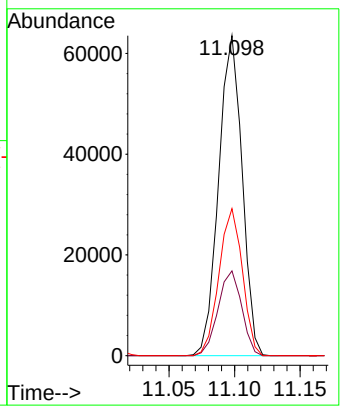




#69
Atrazine
Concen: 50.583 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:200 Resp: 7900

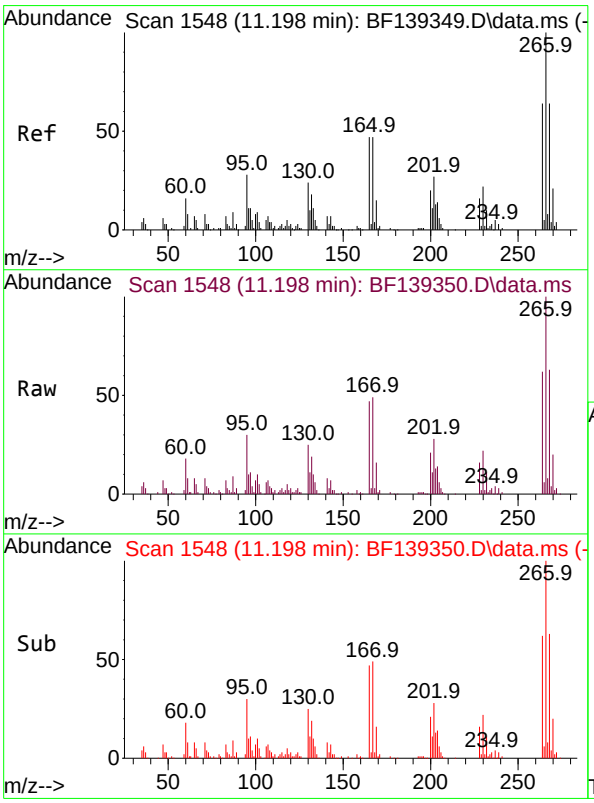
Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.1	46.1
215	45.9	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

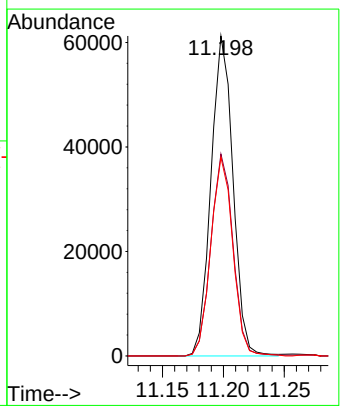
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

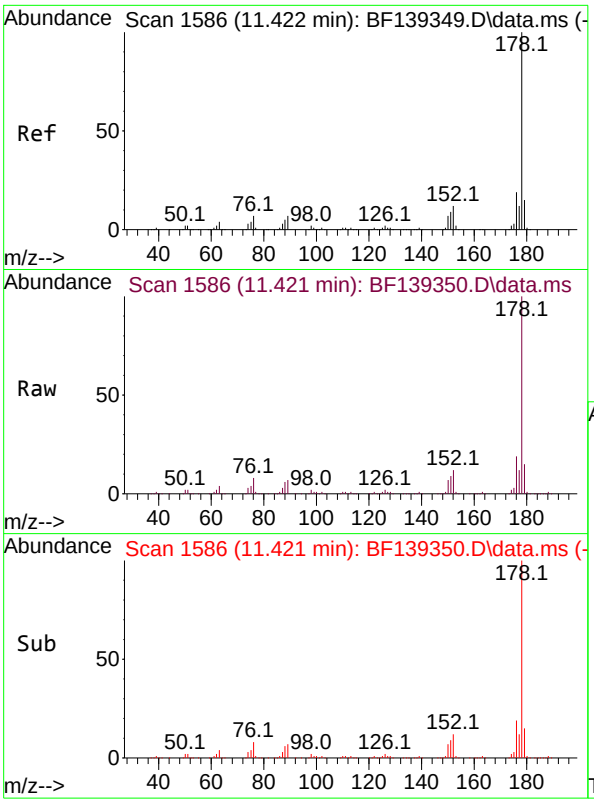


#70
Pentachlorophenol
Concen: 49.215 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:266 Resp: 77067

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.1	51.4	77.0

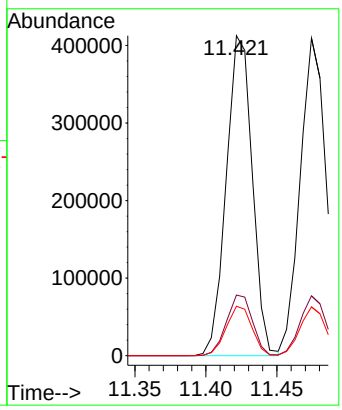




#71
Phenanthrene
Concen: 48.623 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:178 Resp: 52637

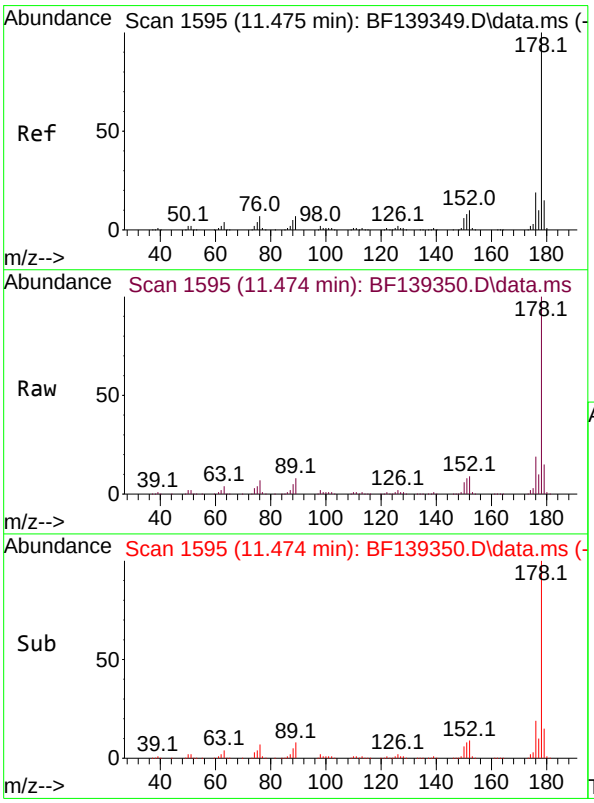
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

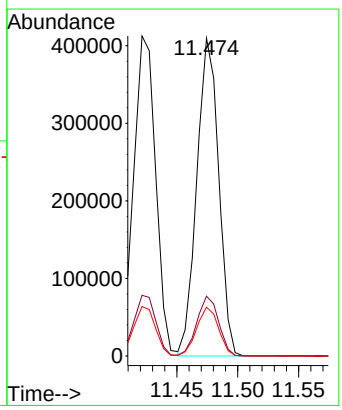
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

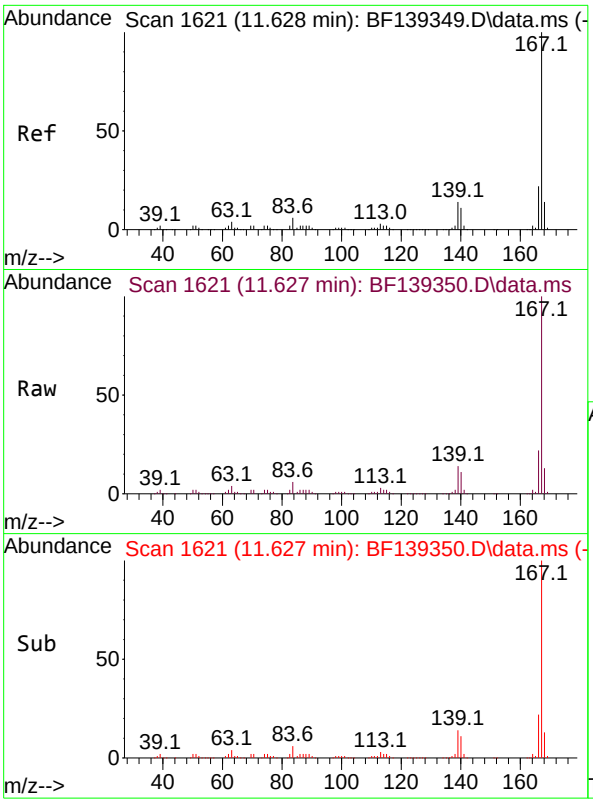


#72
Anthracene
Concen: 48.370 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:178 Resp: 511970

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.0	18.0

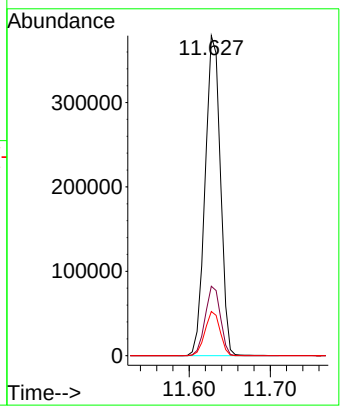




#73
Carbazole
Concen: 48.799 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:167 Resp: 49435

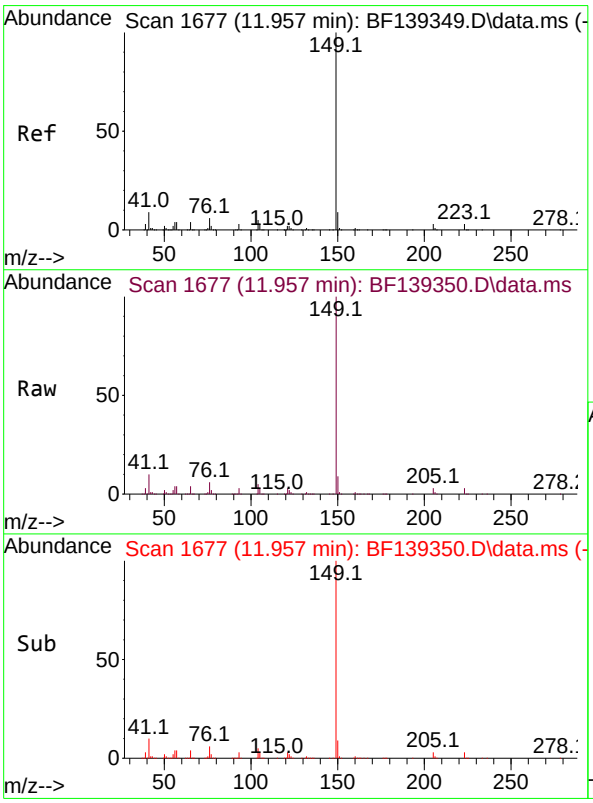
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

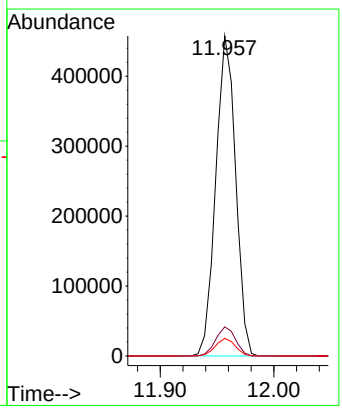
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

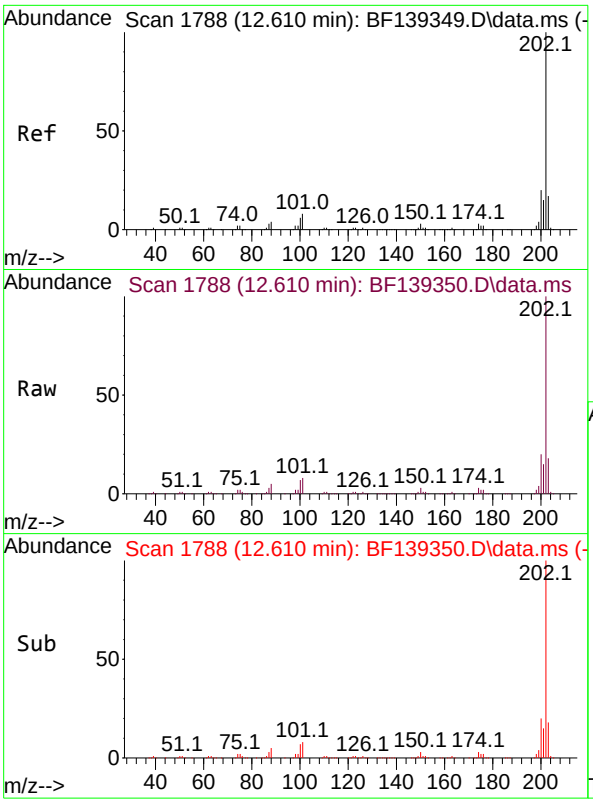


#74
Di-n-butylphthalate
Concen: 49.283 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:149 Resp: 556151

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.5	4.3	6.5

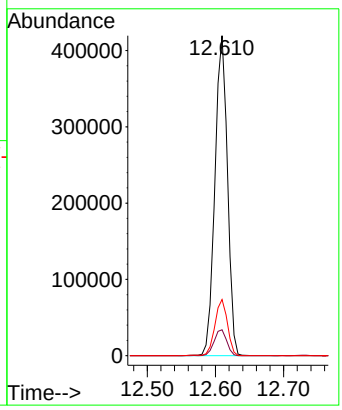




#75
Fluoranthene
Concen: 46.457 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:202 Resp: 53708

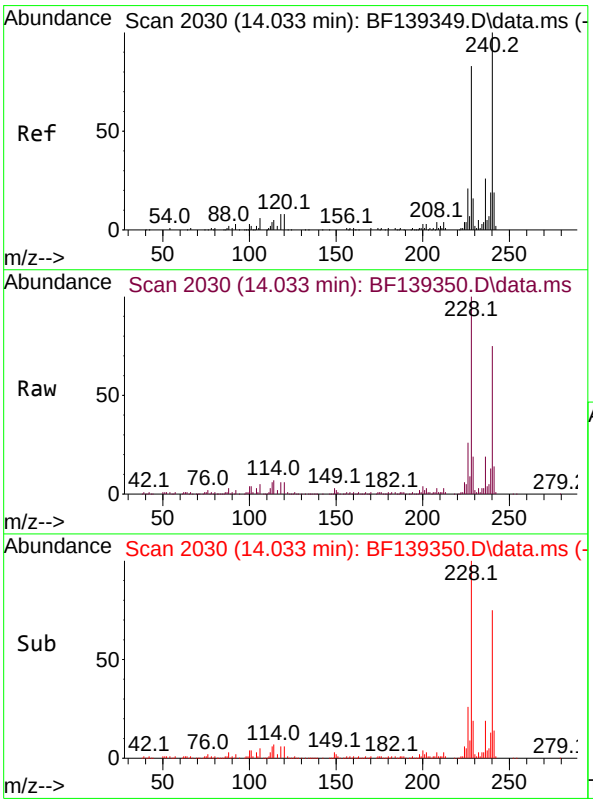
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.7
203	17.5	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

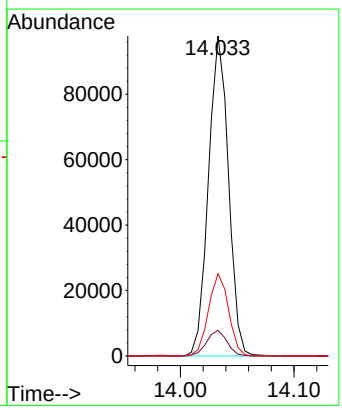
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

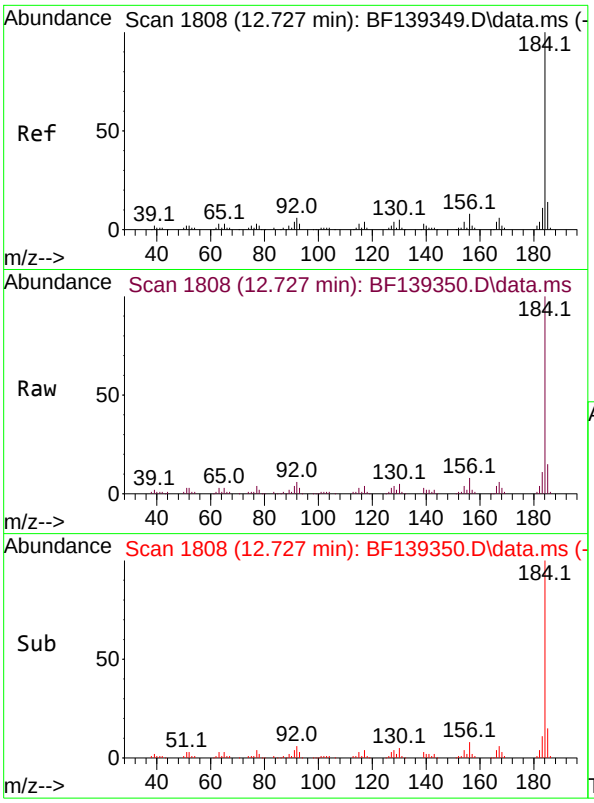


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:240 Resp: 119656

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.2
236	25.7	20.9	31.3

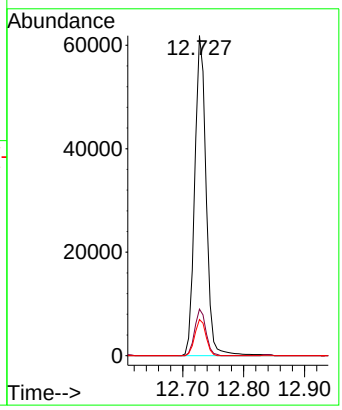




#77
Benzidine
Concen: 46.936 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:184 Resp: 8046

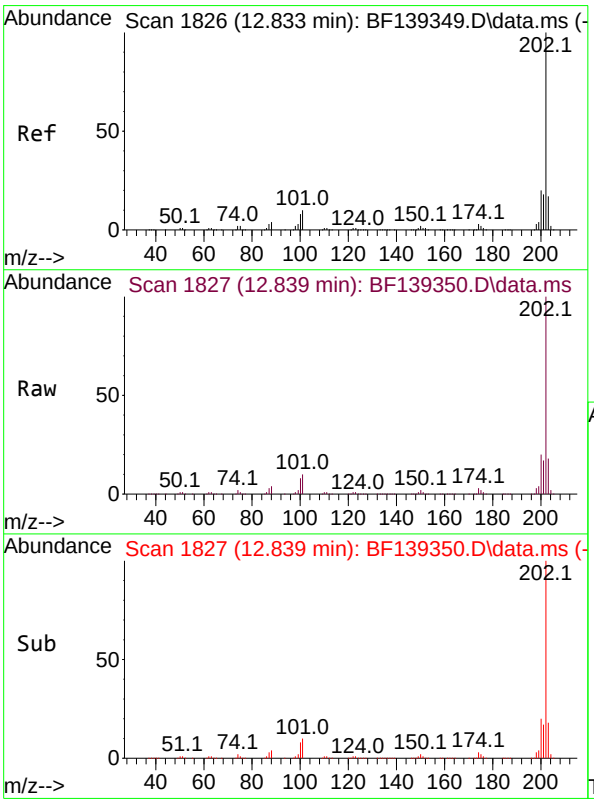
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.3	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

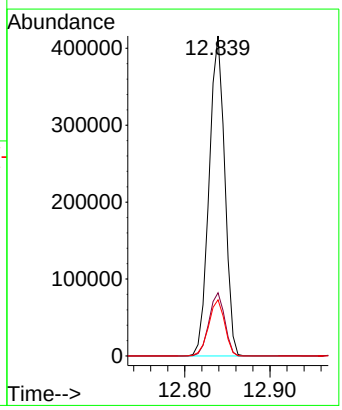
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

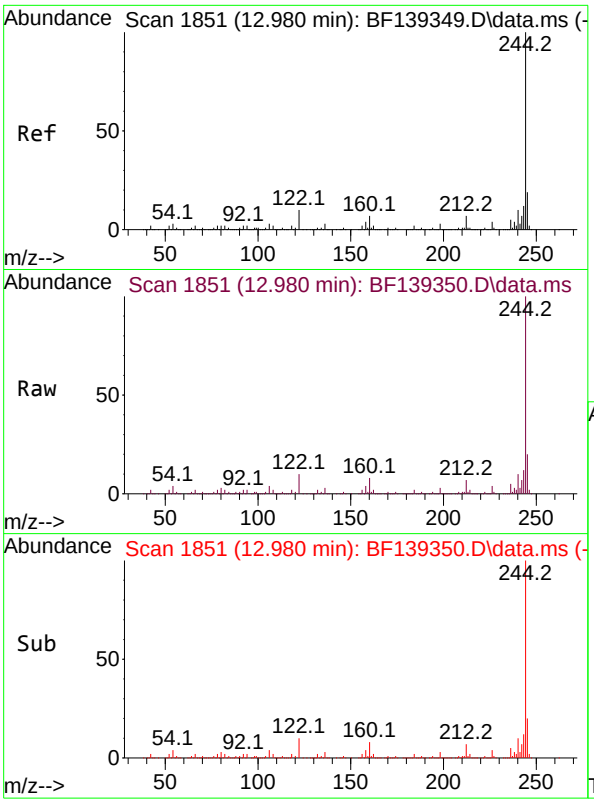


#78
Pyrene
Concen: 51.662 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:202 Resp: 530780

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.5	13.9	20.9

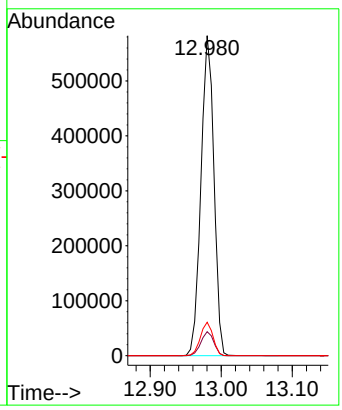




#79
Terphenyl-d14
Concen: 101.657 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:244 Resp: 74107

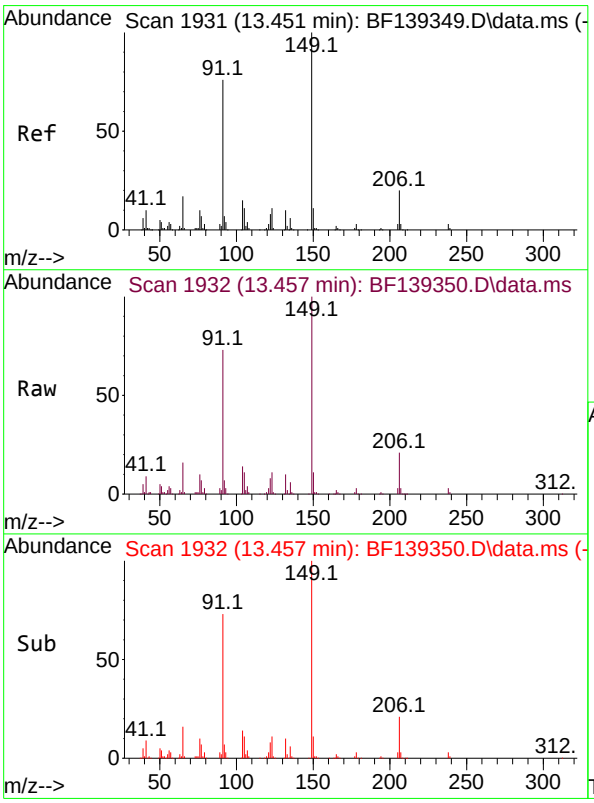
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.4	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

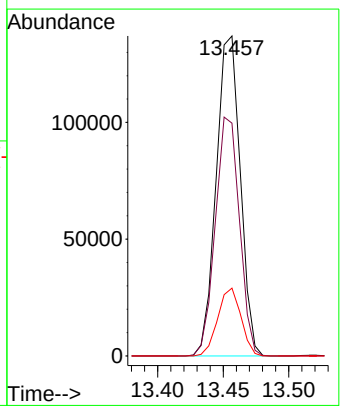
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

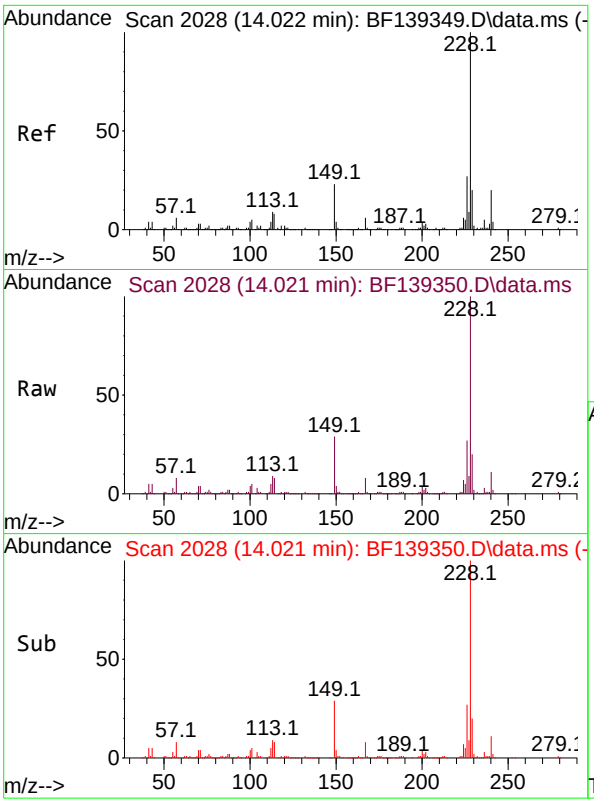


#80
Butylbenzylphthalate
Concen: 50.037 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:149 Resp: 174982

Ion	Ratio	Lower	Upper
149	100		
91	72.8	60.9	91.3
206	21.2	15.8	23.8

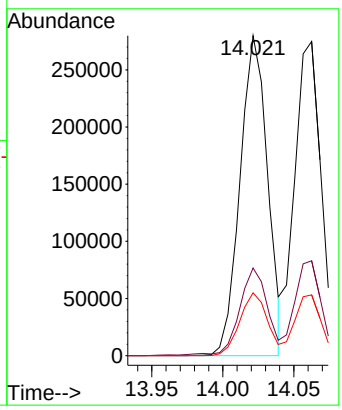




#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:228 Resp: 37758

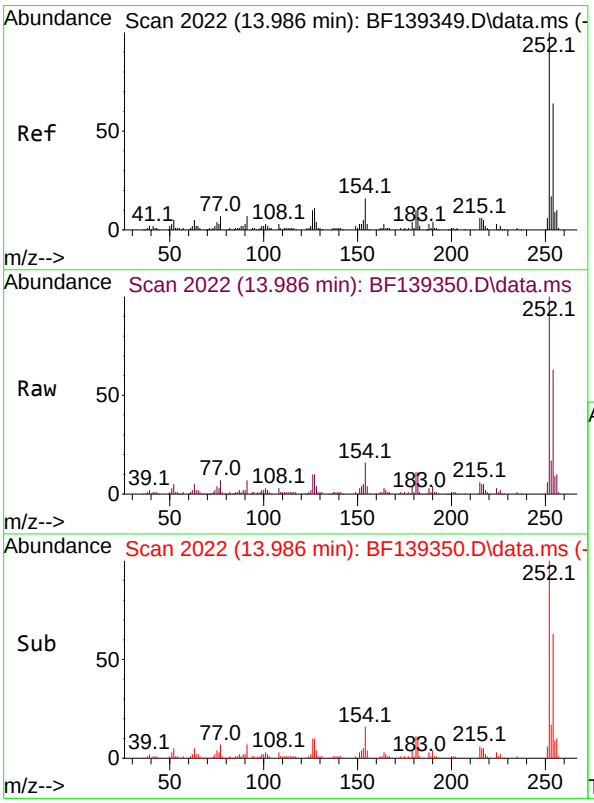
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

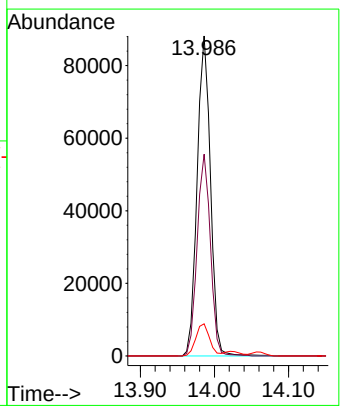
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

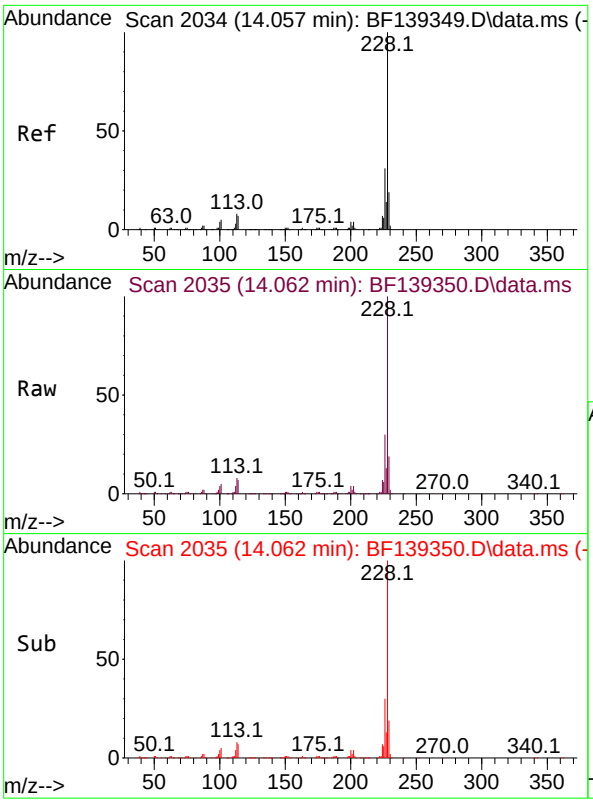


#82
3,3'-Dichlorobenzidine
Concen: 47.356 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:252 Resp: 109919

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.2
126	10.1	7.7	11.5





#83
Chrysene
Concen: 48.617 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

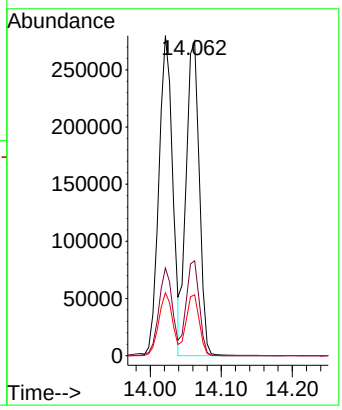
Tgt Ion:228 Resp: 35451

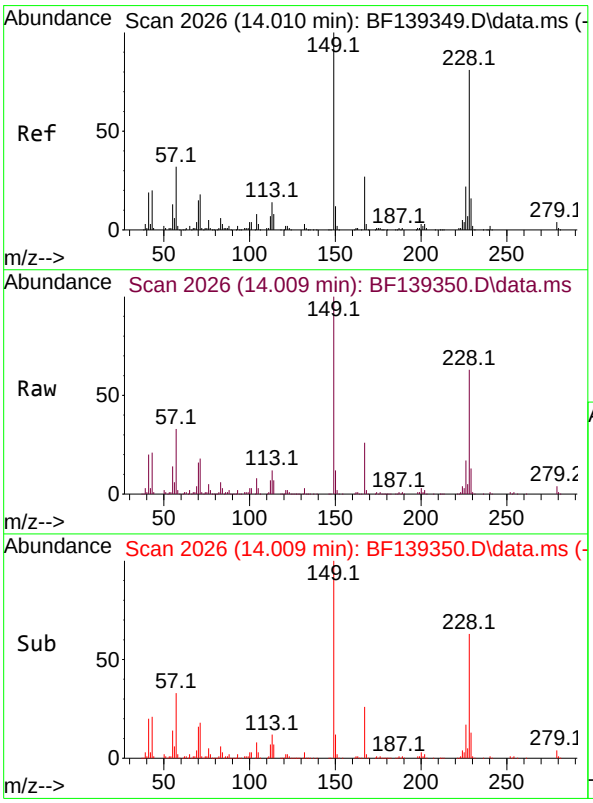
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.3	15.4	23.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

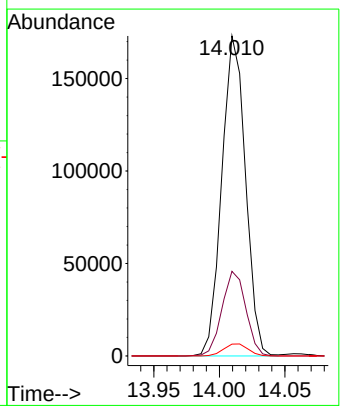


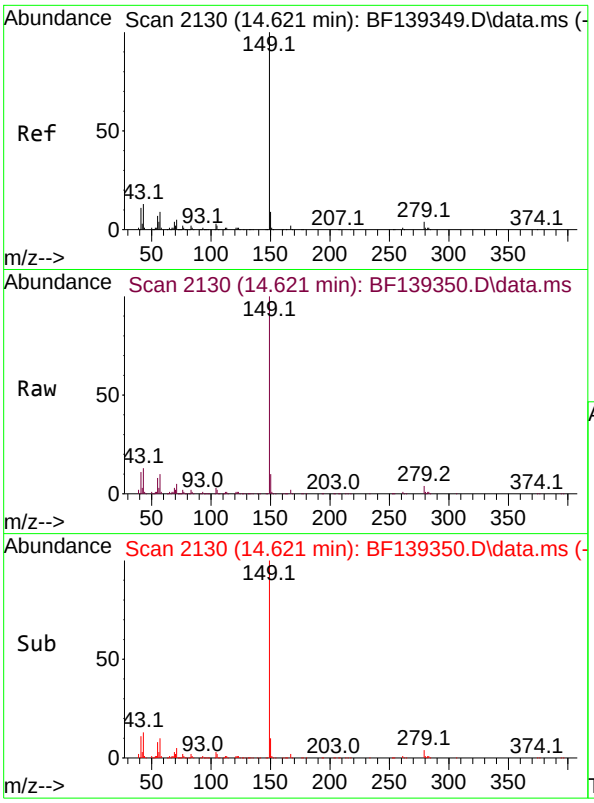


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.889 ng
RT: 14.009 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:149 Resp: 217495

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.6	32.4
279	3.7	3.3	4.9

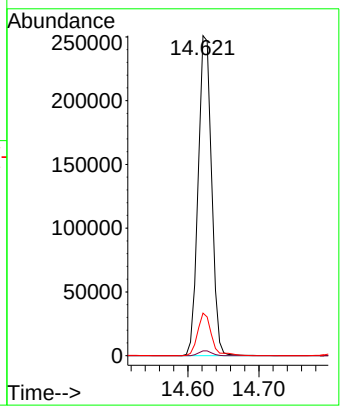




#85
Di-n-octyl phthalate
Concen: 50.382 ng
RT: 14.621 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:149 Resp: 33008

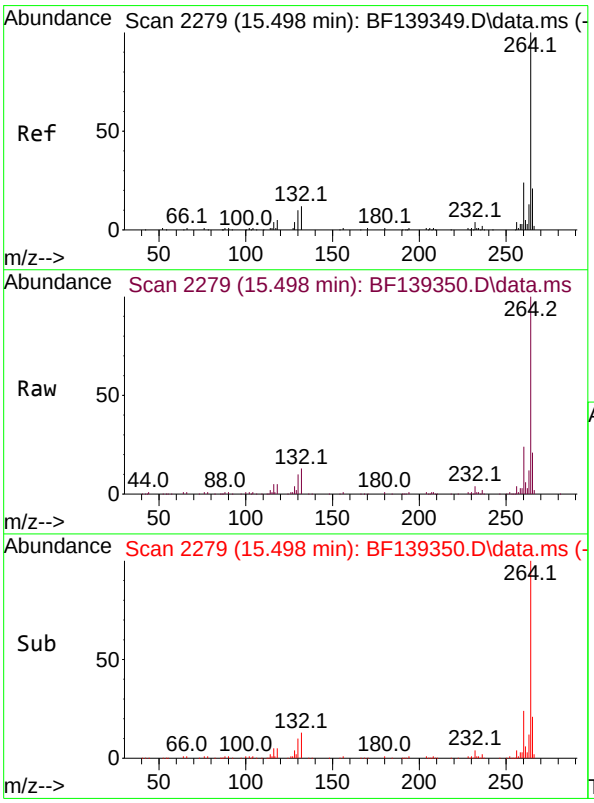
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

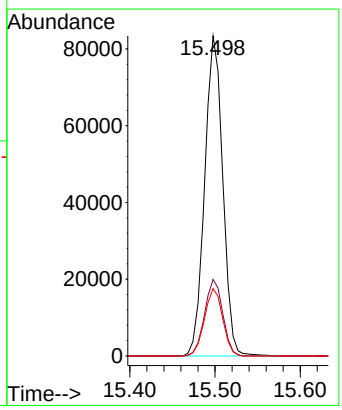
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

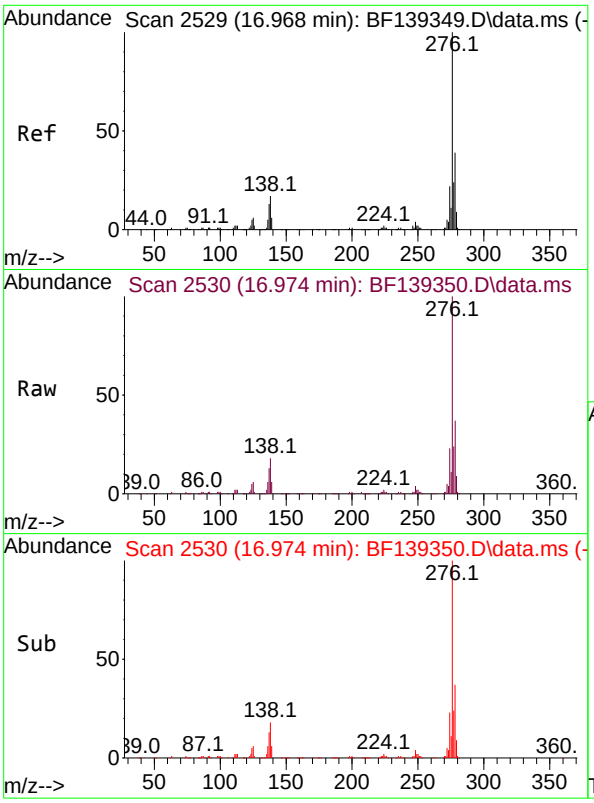


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:264 Resp: 123129

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.0	16.6	25.0

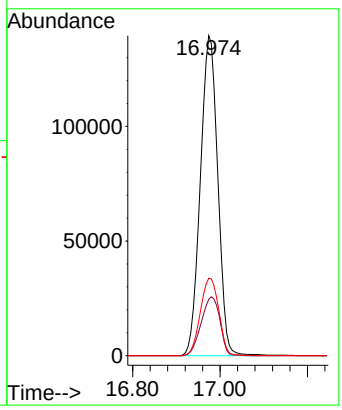




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.023 ng
RT: 16.974 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:276 Resp: 38821

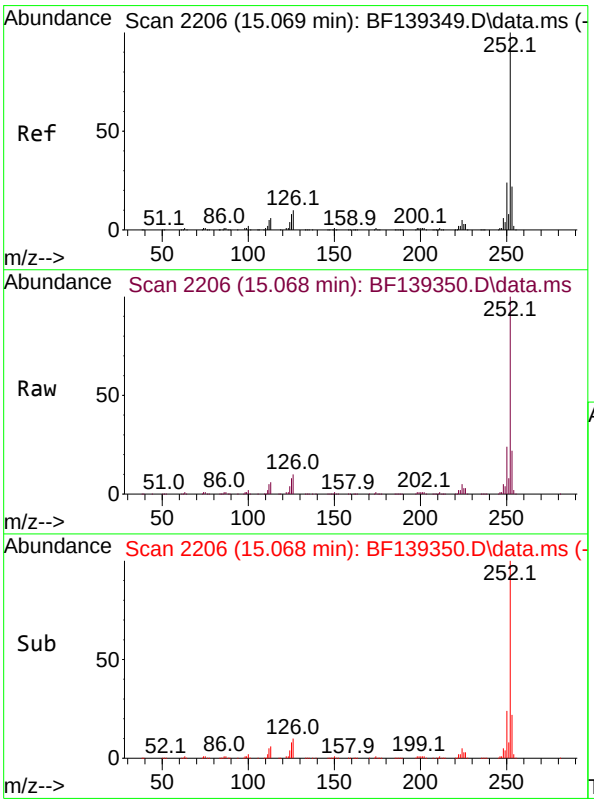
Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.4	23.2
277	25.5	20.4	30.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

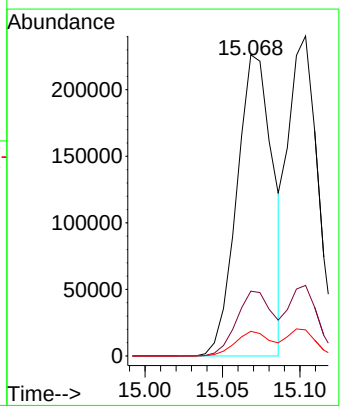
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

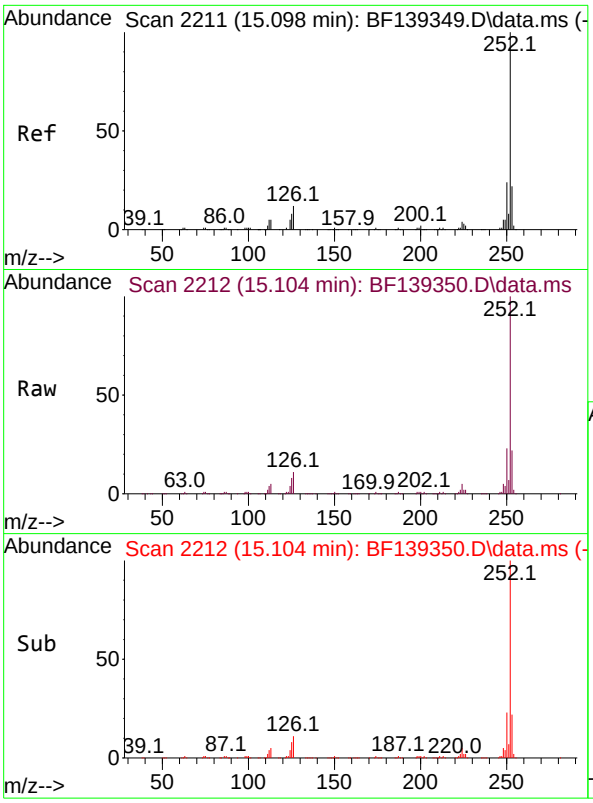


#88
Benzo(b)fluoranthene
Concen: 48.087 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:252 Resp: 365162

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.2	6.2	9.2

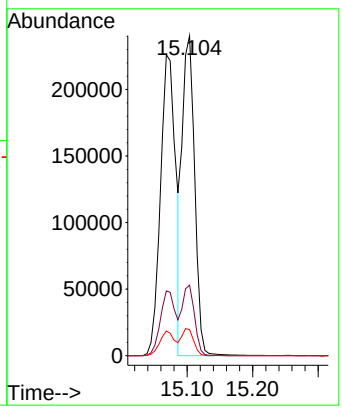




#89
Benzo(k)fluoranthene
Concen: 45.203 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:252 Resp: 31649

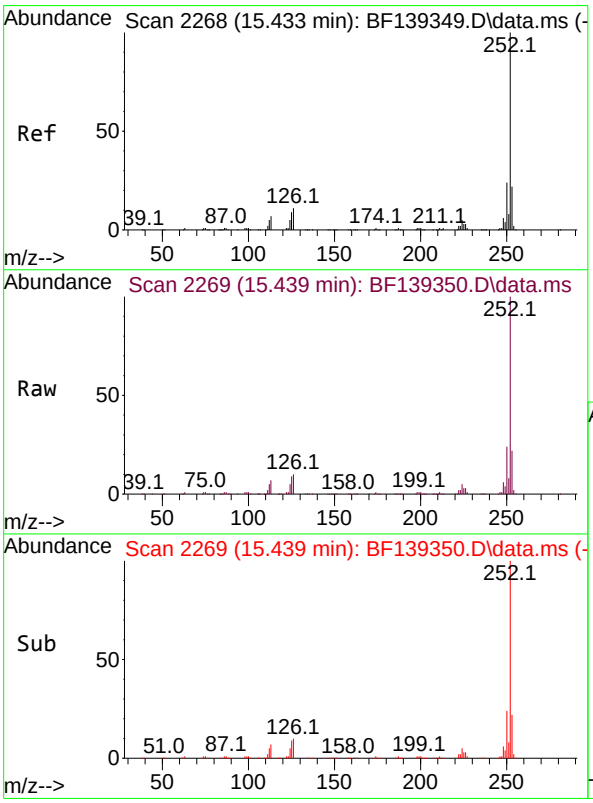
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.1	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

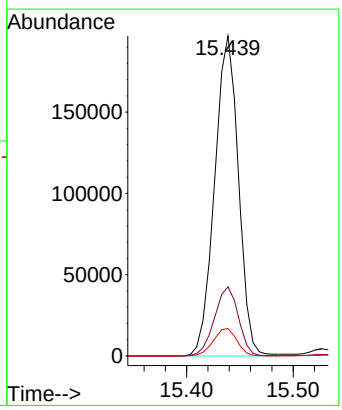
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

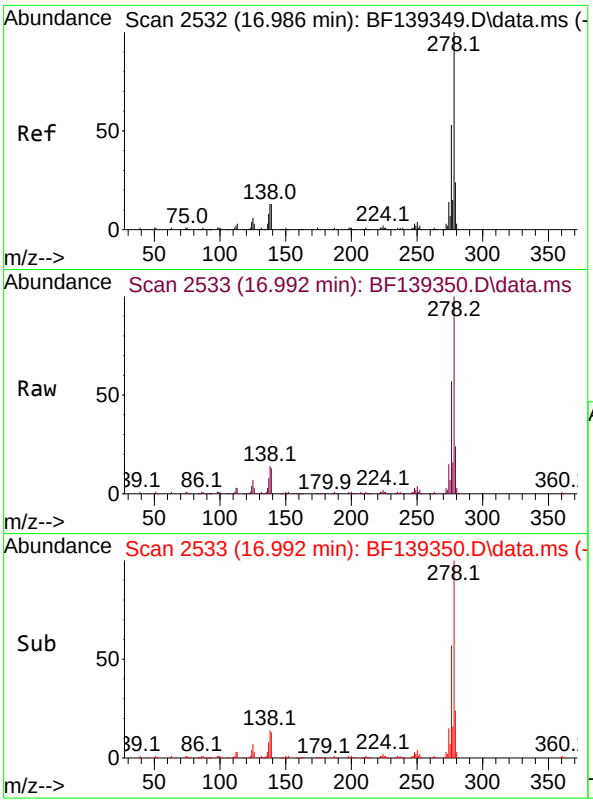


#90
Benzo(a)pyrene
Concen: 48.503 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:252 Resp: 305466

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.6	6.8	10.2

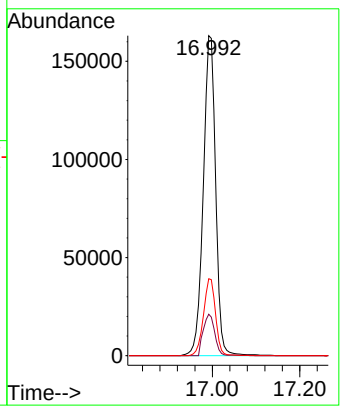




#91
Dibenzo(a,h)anthracene
Concen: 53.114 ng
RT: 16.992 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:278 Resp: 32134

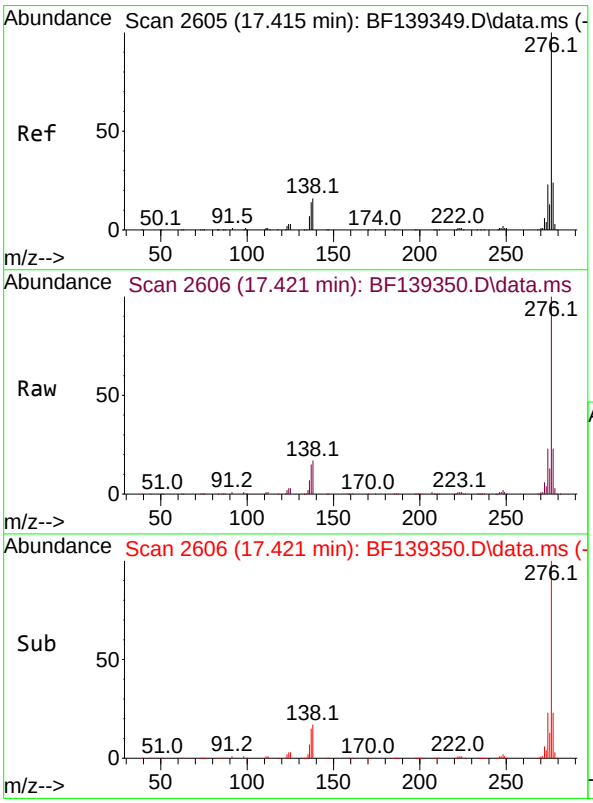
Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.2	15.2
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

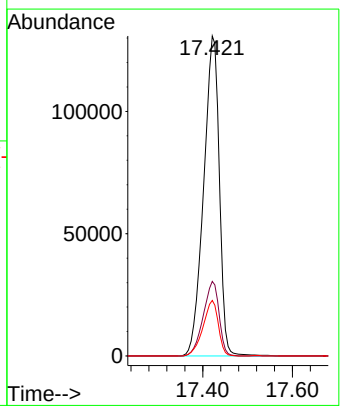
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#92
Benzo(g,h,i)perylene
Concen: 53.000 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:276 Resp: 317487

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	17.4	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139351.D
Acq On : 13 Sep 2024 18:48
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 02:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	55187	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	200716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	112863	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	209240	20.000	ng	0.00
76) Chrysene-d12	14.033	240	110333	20.000	ng	0.00
86) Perylene-d12	15.498	264	118195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	415331	122.773	ng	0.00
7) Phenol-d6	6.516	99	546138	122.996	ng	0.01
23) Nitrobenzene-d5	7.446	82	533058	124.852	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145361	120.977	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	952524	118.368	ng	0.00
79) Terphenyl-d14	12.980	244	848949	126.296	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	76849	56.622	ng	99
3) Pyridine	3.410	79	184729	61.733	ng	99
4) n-Nitrosodimethylamine	3.387	42	161188	62.147	ng	98
6) Aniline	6.587	93	202424m	67.626	ng	
8) 2-Chlorophenol	6.669	128	214769	61.675	ng	99
9) Benzaldehyde	6.428	77	132592	54.521	ng	99
10) Phenol	6.528	94	276269	61.089	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	200653	58.376	ng	98
12) 1,3-Dichlorobenzene	6.822	146	239082	60.370	ng	99
13) 1,4-Dichlorobenzene	6.898	146	244302	61.044	ng	100
14) 1,2-Dichlorobenzene	7.051	146	232776	61.555	ng	99
15) Benzyl Alcohol	7.022	79	221254	62.456	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	320455	60.494	ng	100
17) 2-Methylphenol	7.134	107	169242	61.171	ng	99
18) Hexachloroethane	7.393	117	93527	61.356	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	163864	62.276	ng	100
20) 3+4-Methylphenols	7.287	107	235065	62.275	ng	97
22) Acetophenone	7.293	105	324964	61.930	ng	99
24) Nitrobenzene	7.469	77	269729	61.382	ng	98
25) Isophorone	7.704	82	414323	61.360	ng	99
26) 2-Nitrophenol	7.781	139	110946	64.806	ng	97
27) 2,4-Dimethylphenol	7.816	122	141588	62.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	235849	61.287	ng	98
29) 2,4-Dichlorophenol	8.022	162	177157	61.752	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	202649	60.625	ng	98
31) Naphthalene	8.187	128	647769	61.819	ng	100
32) Benzoic acid	7.951	122	141779m	66.826	ng	
33) 4-Chloroaniline	8.240	127	200192	62.450	ng	99
34) Hexachlorobutadiene	8.298	225	136795	60.236	ng	99
35) Caprolactam	8.616	113	53730	60.885	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	202047	61.625	ng	99
37) 2-Methylnaphthalene	8.875	142	406699	61.148	ng	99
38) 1-Methylnaphthalene	8.975	142	397859	60.930	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	202263	60.469	ng	99
41) Hexachlorocyclopentadiene	9.028	237	70369	60.253	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	130460	59.949	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139351.D
Acq On : 13 Sep 2024 18:48
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 02:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	139041	60.571	ng	98
46) 1,1'-Biphenyl	9.339	154	511379	58.895	ng	98
47) 2-Chloronaphthalene	9.363	162	391037	60.232	ng	99
48) 2-Nitroaniline	9.457	65	149834	62.050	ng	96
49) Acenaphthylene	9.781	152	581764	59.530	ng	100
50) Dimethylphthalate	9.639	163	444695	60.032	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100225	61.074	ng	98
52) Acenaphthene	9.951	154	411189	60.286	ng	100
53) 3-Nitroaniline	9.869	138	101406	61.832	ng	97
54) 2,4-Dinitrophenol	9.975	184	61109	71.035	ng	96
55) Dibenzofuran	10.122	168	570033	59.962	ng	98
56) 4-Nitrophenol	10.022	139	81369	59.961	ng	100
57) 2,4-Dinitrotoluene	10.104	165	137354	61.996	ng	98
58) Fluorene	10.463	166	460625	59.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	113758	59.907	ng	99
60) Diethylphthalate	10.339	149	455793	59.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225124	59.721	ng	98
62) 4-Nitroaniline	10.486	138	106344	59.413	ng	97
63) Azobenzene	10.616	77	444825	59.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	74857	67.785	ng	98
66) n-Nitrosodiphenylamine	10.575	169	372758	60.933	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	129218	62.319	ng	99
68) Hexachlorobenzene	11.010	284	148250	60.920	ng	99
69) Atrazine	11.098	200	71742	49.261	ng	97
70) Pentachlorophenol	11.198	266	93555	64.069	ng	98
71) Phenanthrene	11.428	178	608434	60.271	ng	100
72) Anthracene	11.475	178	600764	60.867	ng	99
73) Carbazole	11.628	167	555046	58.756	ng	100
74) Di-n-butylphthalate	11.957	149	643092	61.112	ng	99
75) Fluoranthene	12.610	202	602672	55.904	ng	99
77) Benzidine	12.727	184	132597	83.882	ng	100
78) Pyrene	12.839	202	589589	62.235	ng	99
80) Butylbenzylphthalate	13.457	149	198939	61.694	ng	97
81) Benzo(a)anthracene	14.022	228	434291	59.423	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	135151	63.146	ng	98
83) Chrysene	14.063	228	411164	61.151	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	251863	61.398	ng	99
85) Di-n-octyl phthalate	14.627	149	398431	65.952	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	465613	66.249	ng	99
88) Benzo(b)fluoranthene	15.074	252	431051	59.133	ng	100
89) Benzo(k)fluoranthene	15.104	252	398460	59.285	ng	99
90) Benzo(a)pyrene	15.439	252	374337	61.920	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	393346	67.730	ng	99
92) Benzo(g,h,i)perylene	17.427	276	377847	65.709	ng	99

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

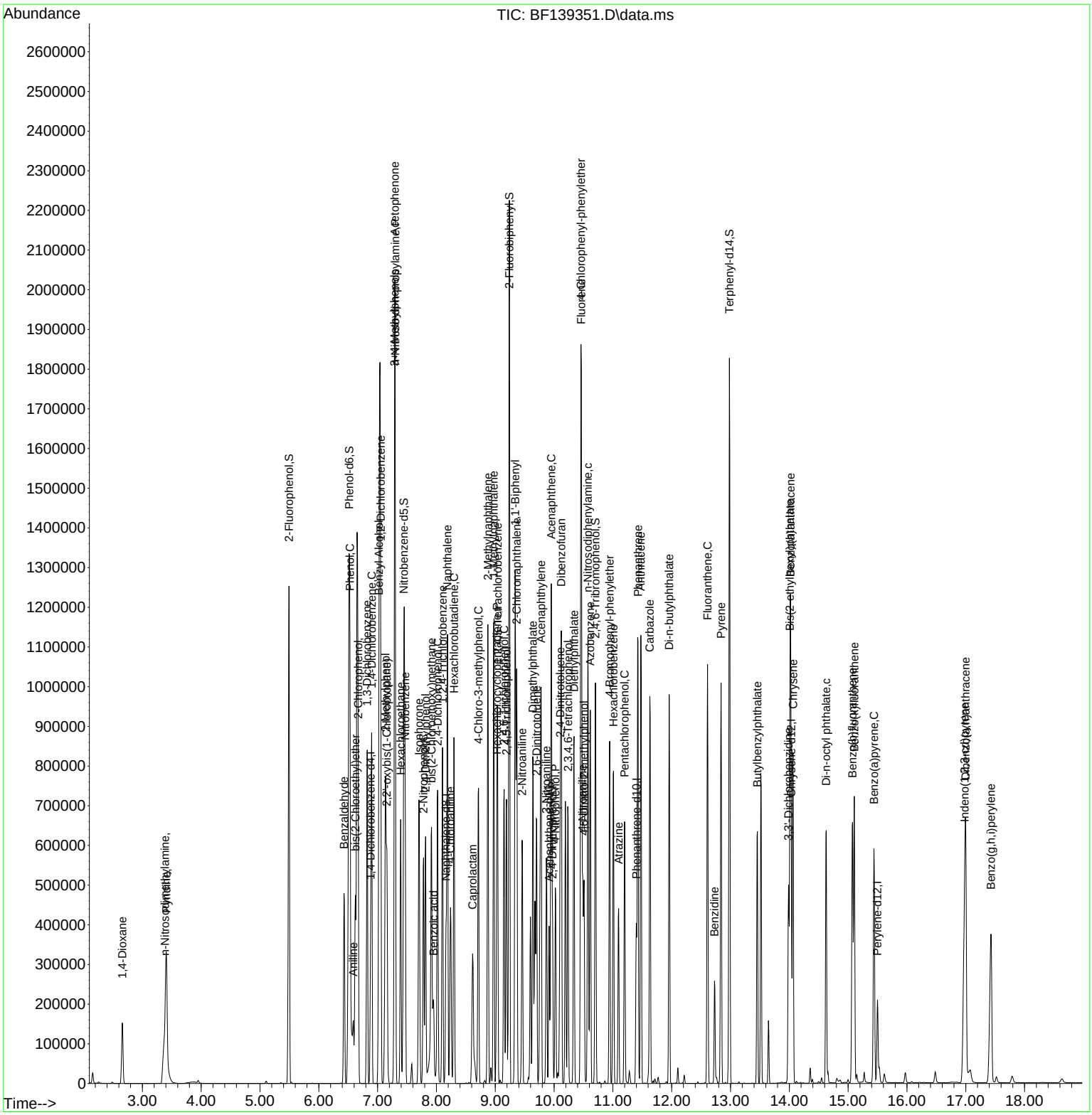
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139351.D
Acq On : 13 Sep 2024 18:48
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

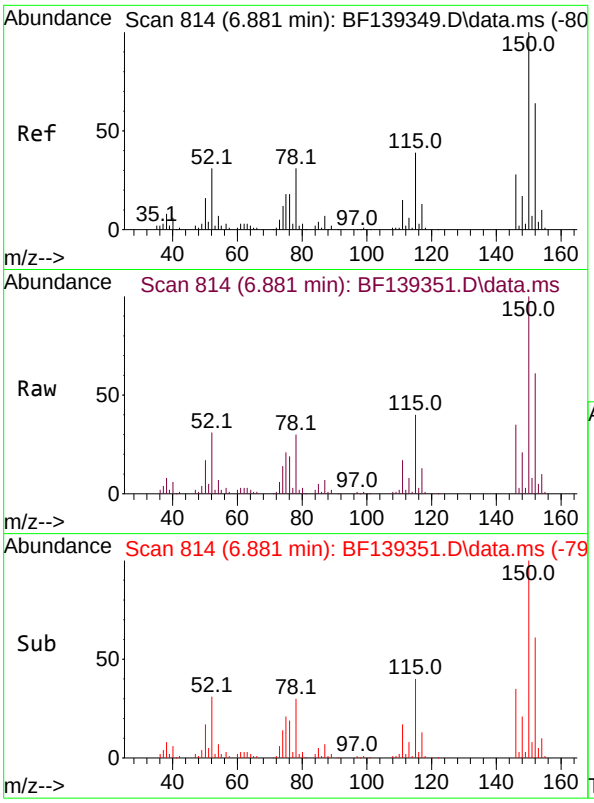
Quant Time: Sep 14 02:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

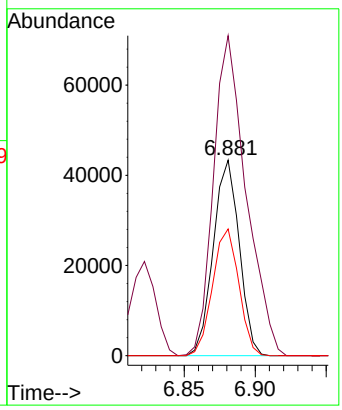




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:152 Resp: 5518

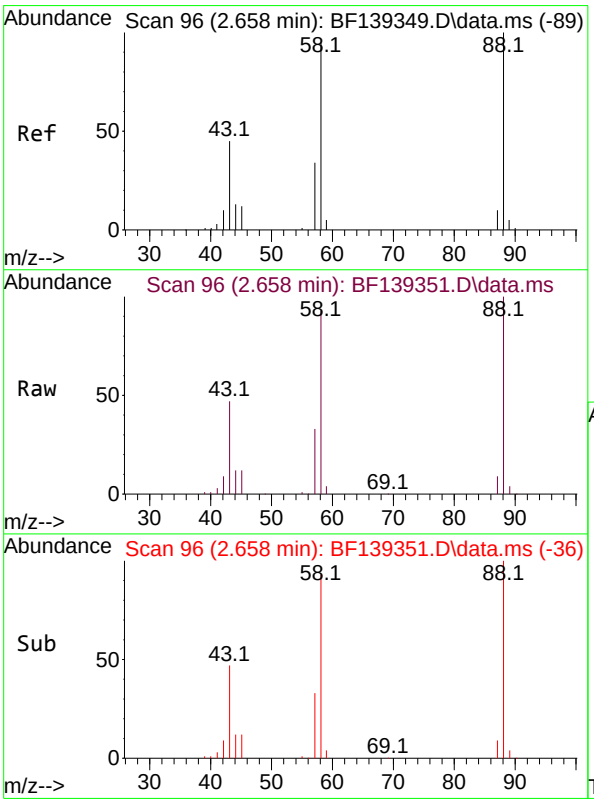
Ion	Ratio	Lower	Upper
152	100		
150	163.7	124.1	186.1
115	64.9	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

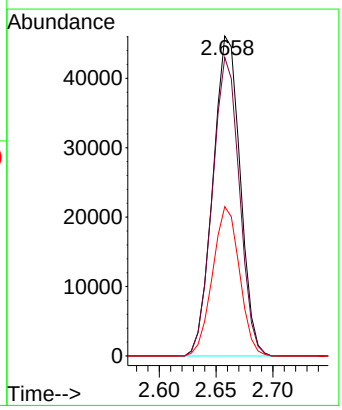
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

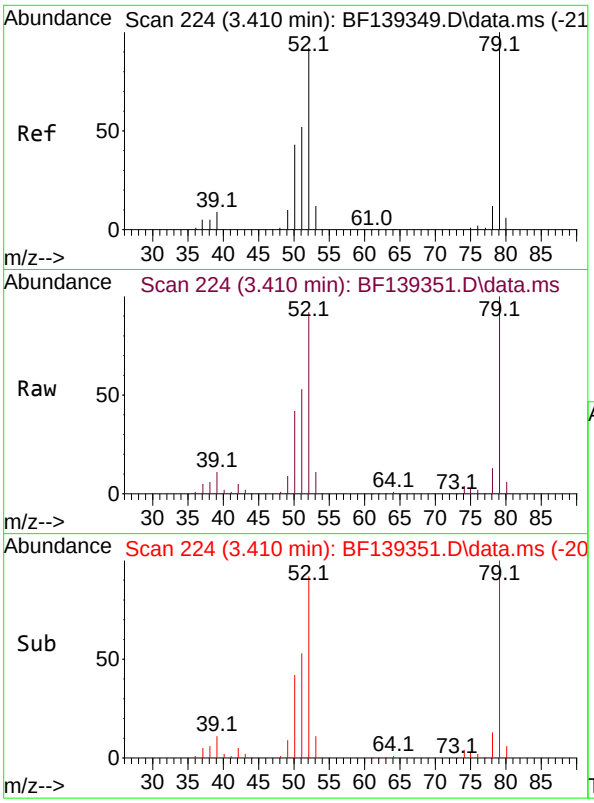


#2
1,4-Dioxane
Concen: 56.622 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 88 Resp: 76849

Ion	Ratio	Lower	Upper
88	100		
58	92.3	74.8	112.2
43	46.2	36.4	54.6

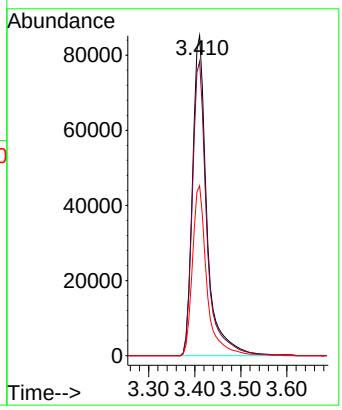




#3
Pyridine
Concen: 61.733 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 79 Resp: 18472

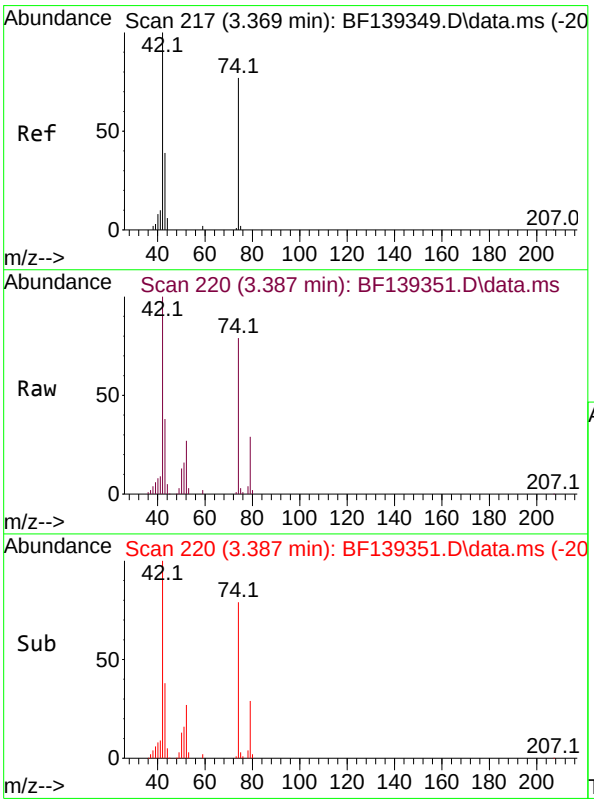
Ion	Ratio	Lower	Upper
79	100		
52	91.9	73.8	110.8
51	53.1	41.8	62.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

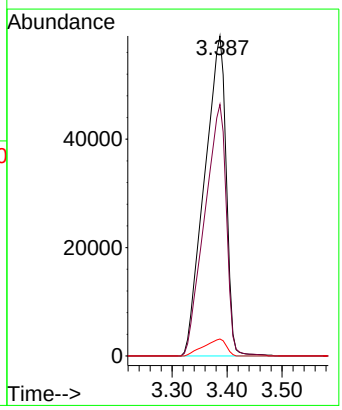
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

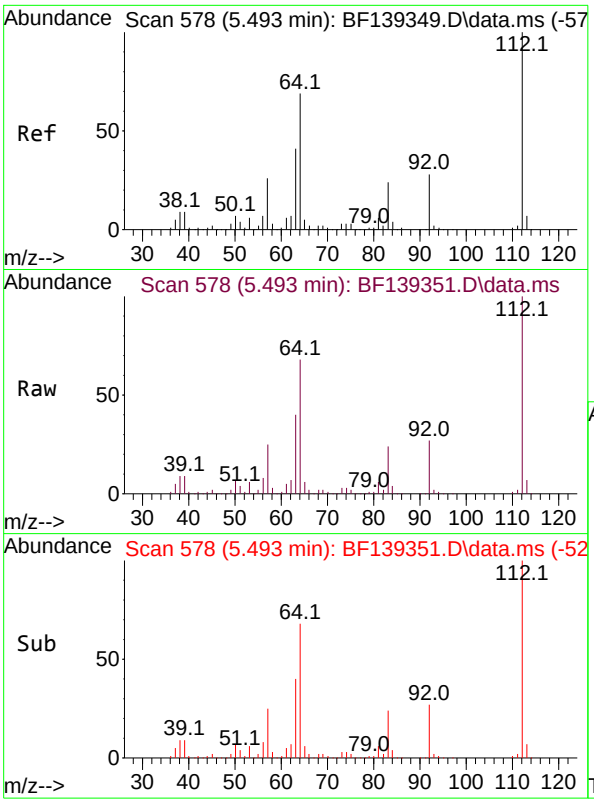


#4
n-Nitrosodimethylamine
Concen: 62.147 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 42 Resp: 161188

Ion	Ratio	Lower	Upper
42	100		
74	78.6	61.8	92.8
44	5.3	4.8	7.2





#5
2-Fluorophenol
Concen: 122.773 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

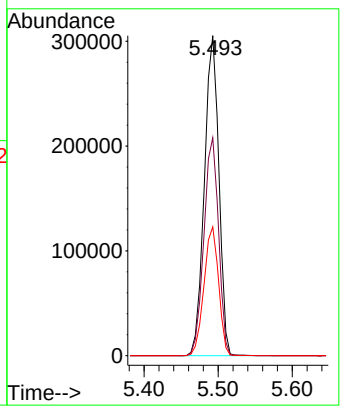
Tgt Ion:112 Resp: 41533

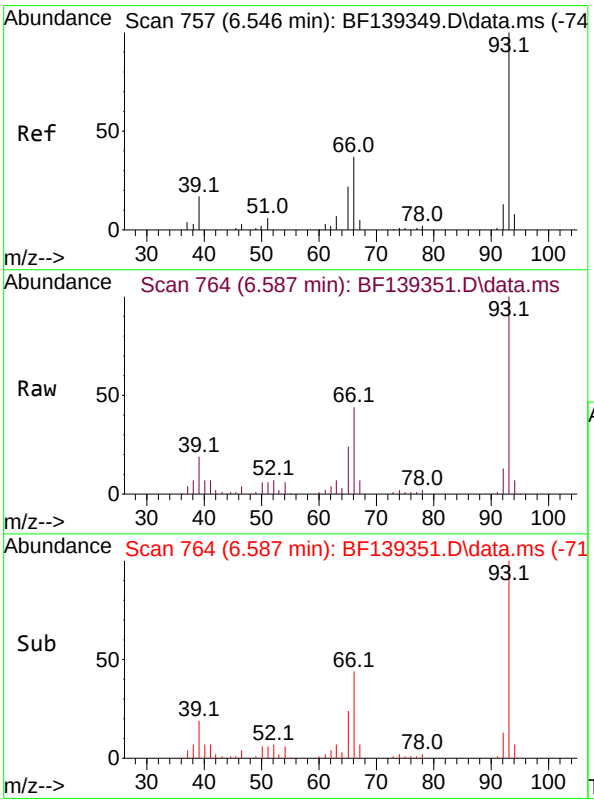
Ion	Ratio	Lower	Upper
112	100		
64	68.1	54.8	82.2
63	40.3	33.0	49.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

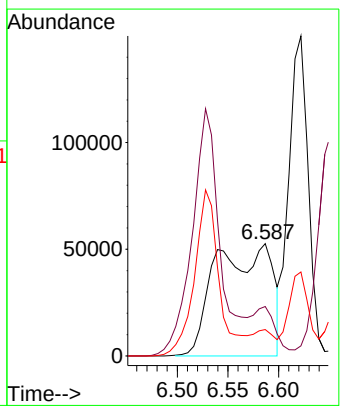


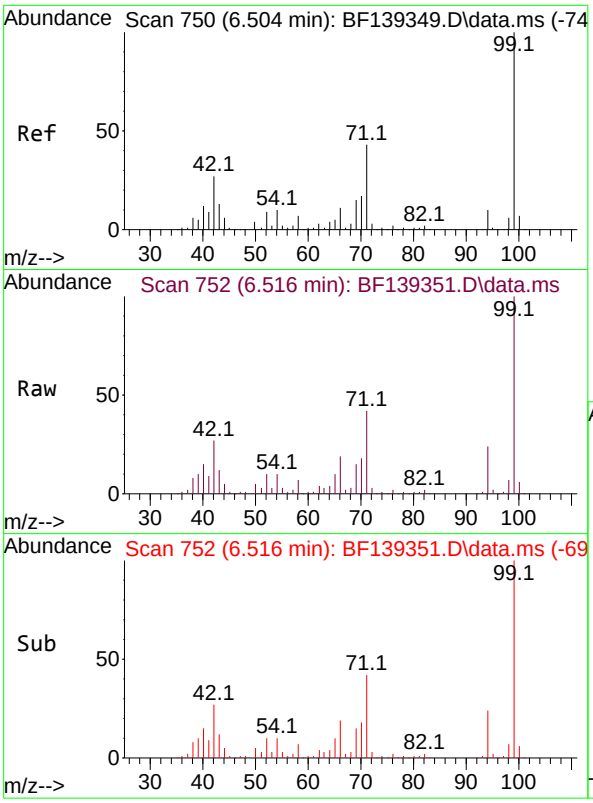


#6
Aniline
Concen: 67.626 ng m
RT: 6.587 min Scan# 764
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 93 Resp: 202424

Ion	Ratio	Lower	Upper
93	100		
66	44.0	35.4	53.0
65	23.5	18.2	27.4

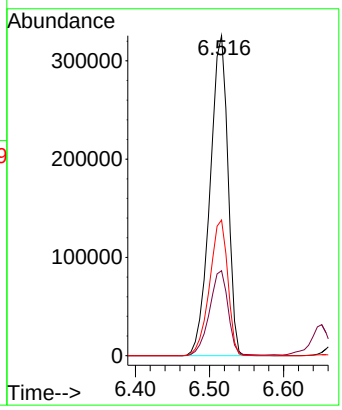




#7
Phenol-d6
Concen: 122.996 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 99 Resp: 54613

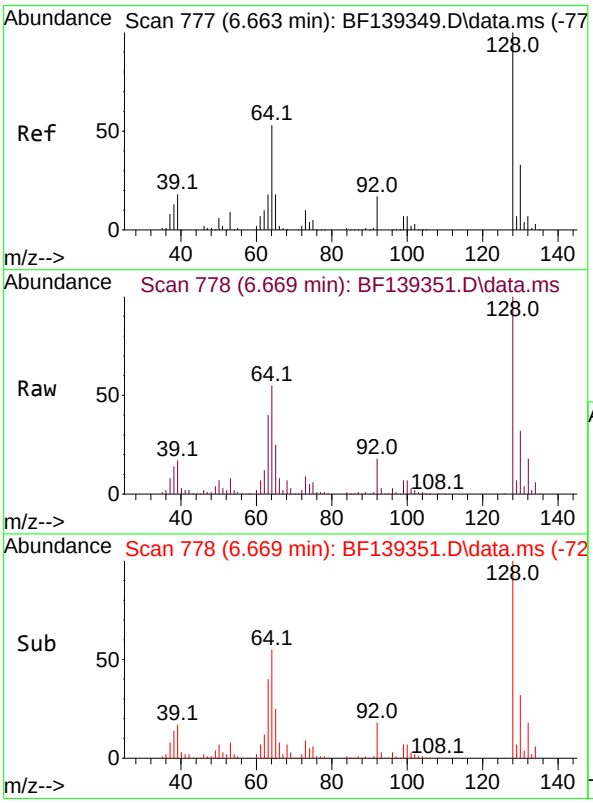
Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.9	32.9
71	42.4	34.6	52.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

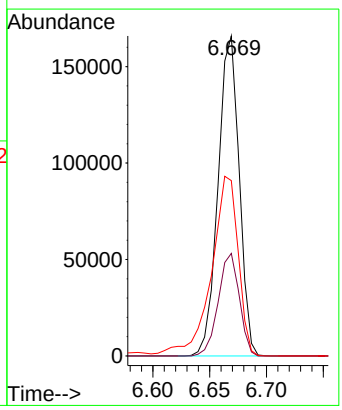
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

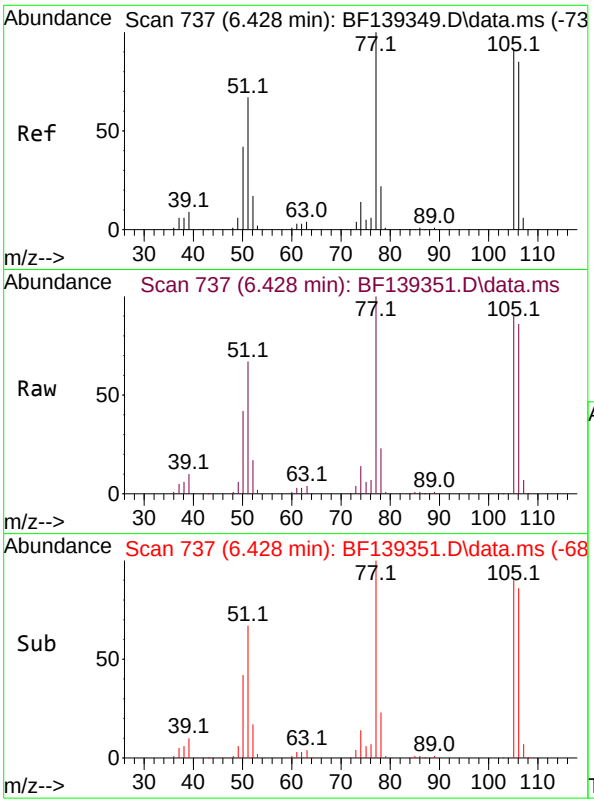


#8
2-Chlorophenol
Concen: 61.675 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:128 Resp: 214769

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	54.8	35.1	75.1

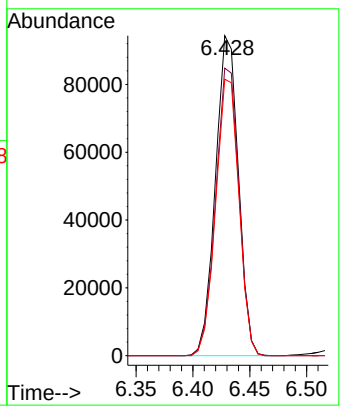




#9
Benzaldehyde
Concen: 54.521 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 77 Resp: 13259

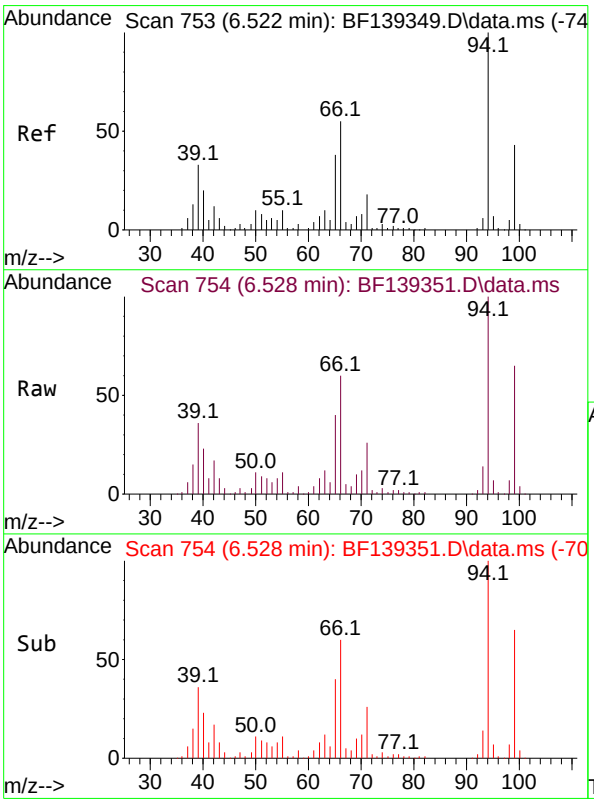
Ion	Ratio	Lower	Upper
77	100		
105	89.8	71.0	111.0
106	86.4	64.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

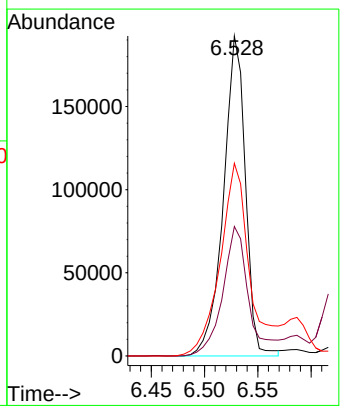
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

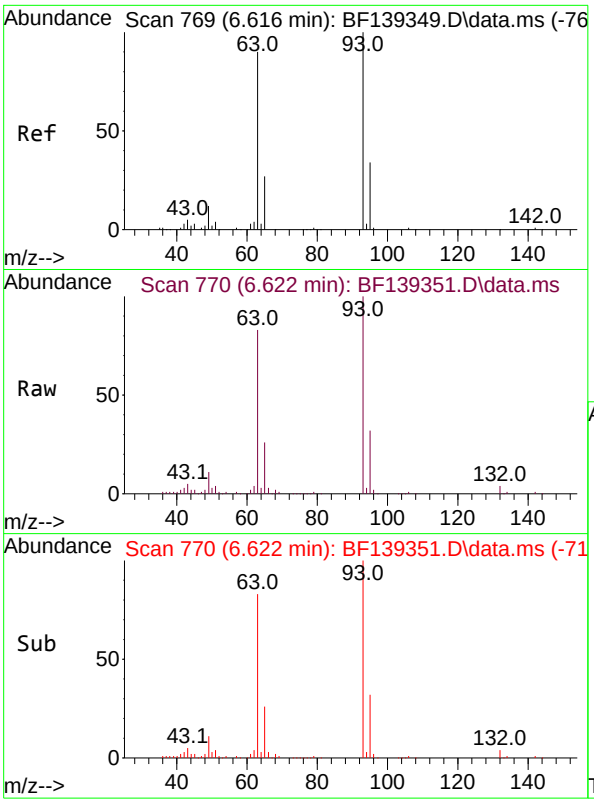


#10
Phenol
Concen: 61.089 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 94 Resp: 276269

Ion	Ratio	Lower	Upper
94	100		
65	40.5	17.6	57.6
66	60.2	35.2	75.2

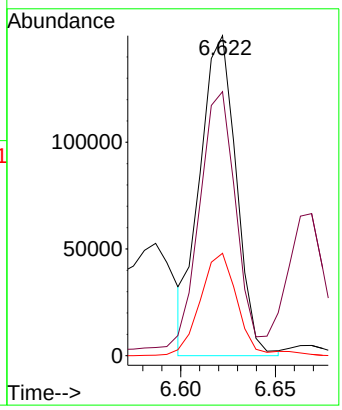




#11
bis(2-Chloroethyl)ether
Concen: 58.376 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 93 Resp: 20065

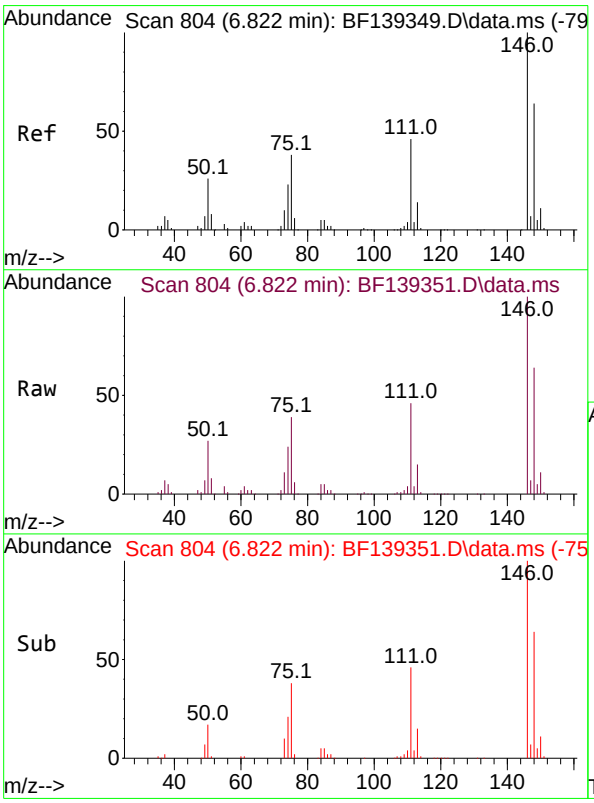
Ion	Ratio	Lower	Upper
93	100		
63	82.5	65.3	105.3
95	32.0	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

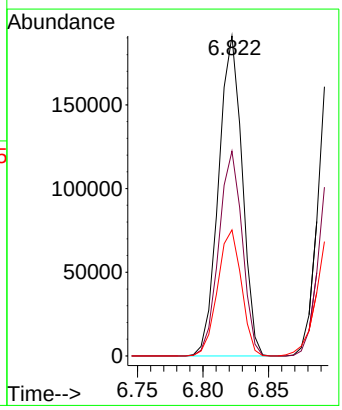
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

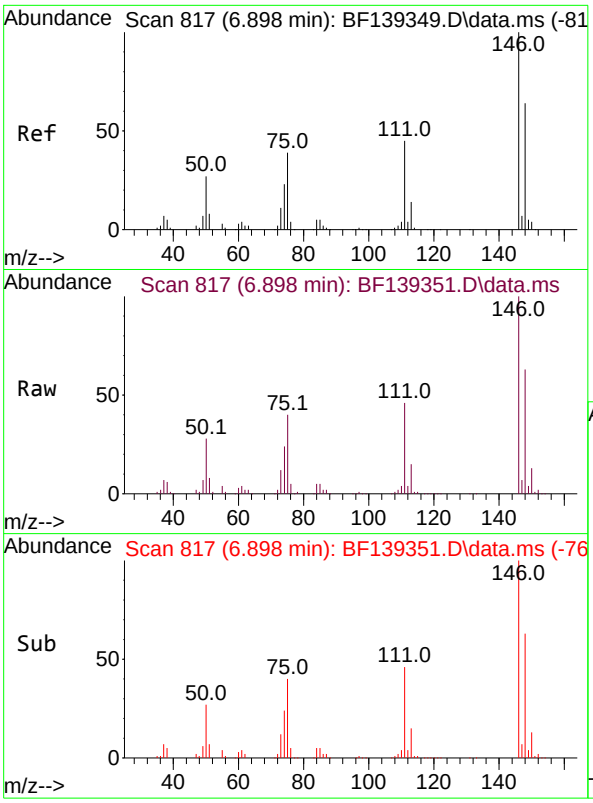


#12
1,3-Dichlorobenzene
Concen: 60.370 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:146 Resp: 239082

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	39.4	30.6	46.0

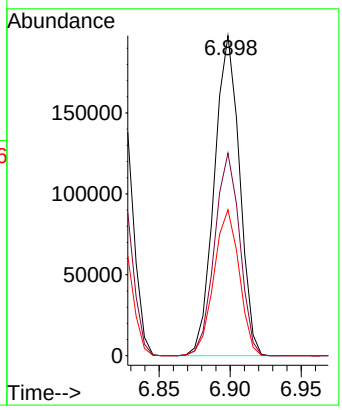




#13
1,4-Dichlorobenzene
Concen: 61.044 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:146 Resp: 24430

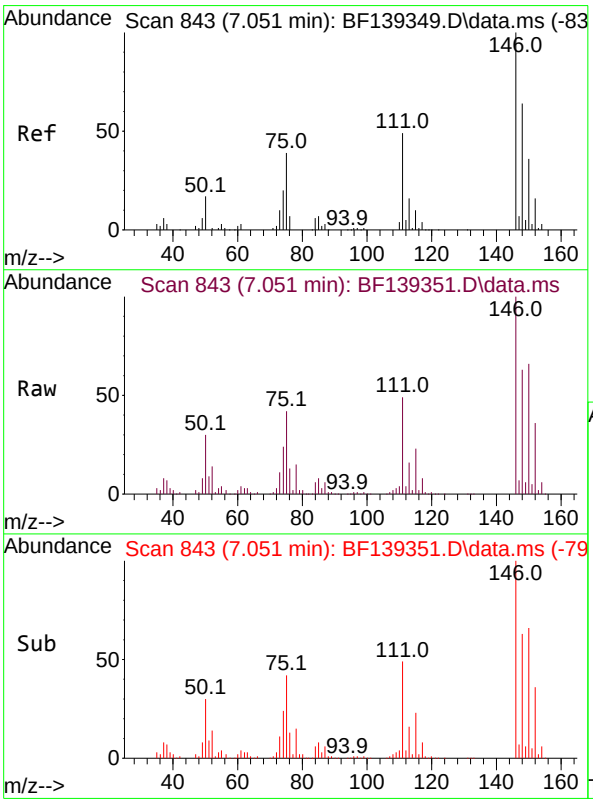
Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.9	76.3
111	45.6	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

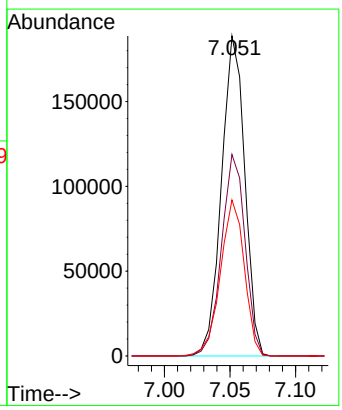
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

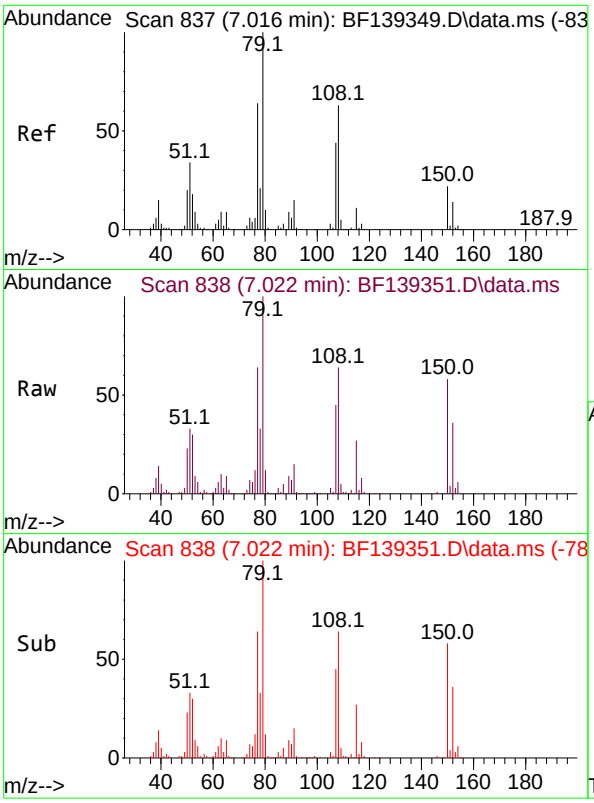


#14
1,2-Dichlorobenzene
Concen: 61.555 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:146 Resp: 232776

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
111	48.7	38.9	58.3

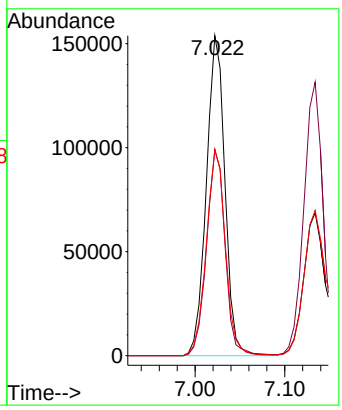




#15
Benzyl Alcohol
Concen: 62.456 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 79 Resp: 22125

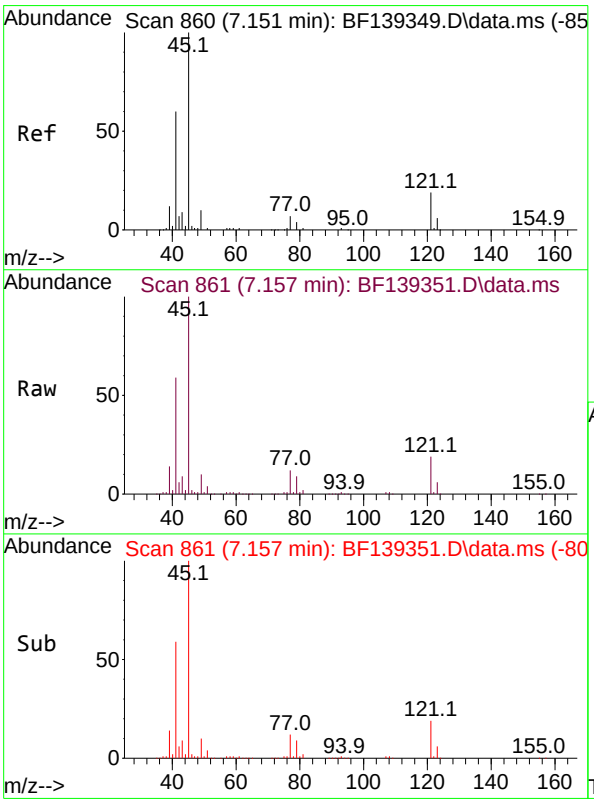
Ion	Ratio	Lower	Upper
79	100		
108	64.5	50.4	75.6
77	64.3	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

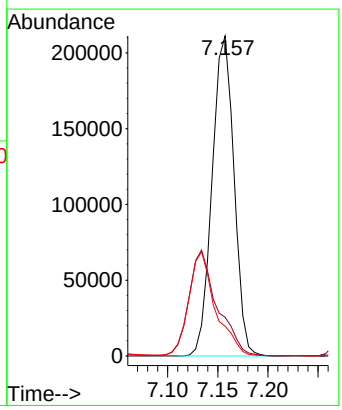
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

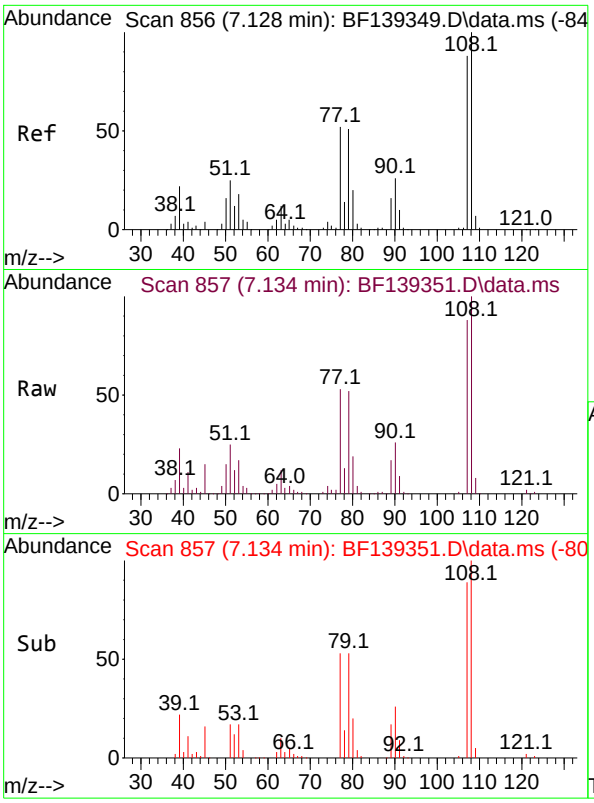


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.494 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 45 Resp: 320455

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.3	0.0	29.1

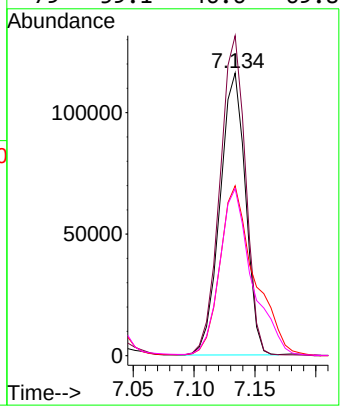




#17
2-Methylphenol
Concen: 61.171 ng
RT: 7.134 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 16924

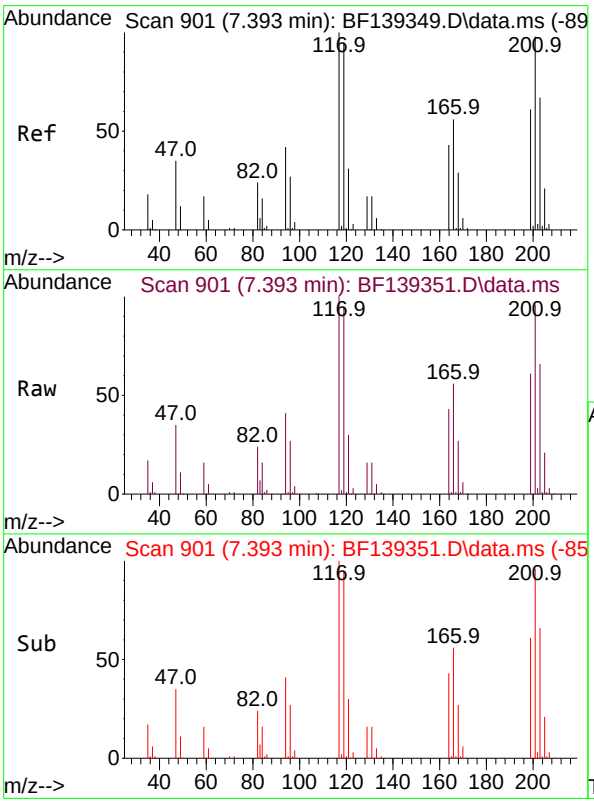
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.5	135.7
77	60.1	47.1	70.7
79	59.1	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

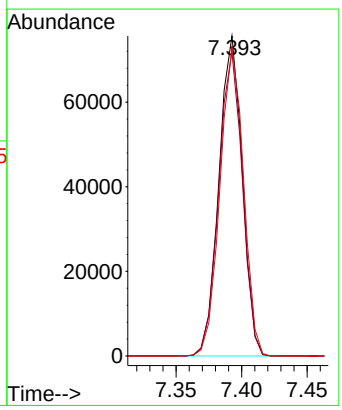
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

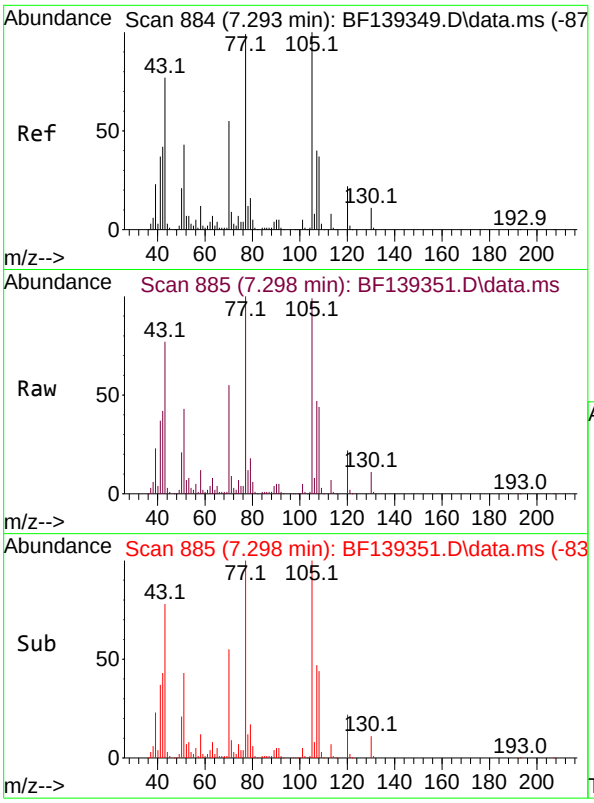


#18
Hexachloroethane
Concen: 61.356 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:117 Resp: 93527

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.8
201	96.4	78.6	118.0

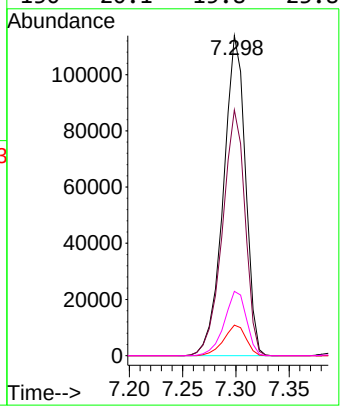




#19
n-Nitroso-di-n-propylamine
Concen: 62.276 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 70 Resp: 16386

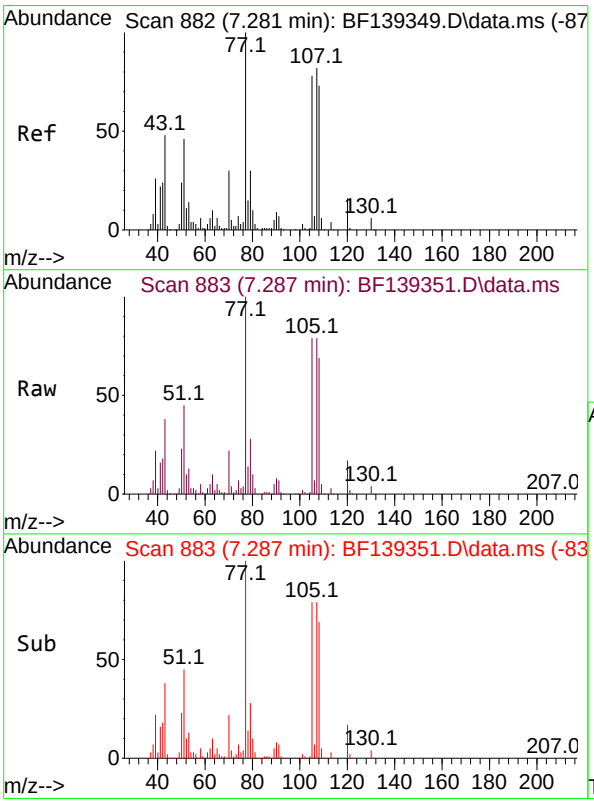
Ion	Ratio	Lower	Upper
70	100		
42	76.8	61.2	91.8
101	9.5	7.5	11.3
130	20.1	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

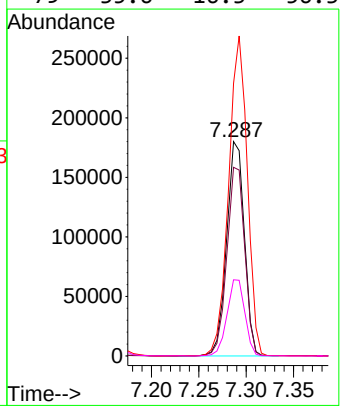
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

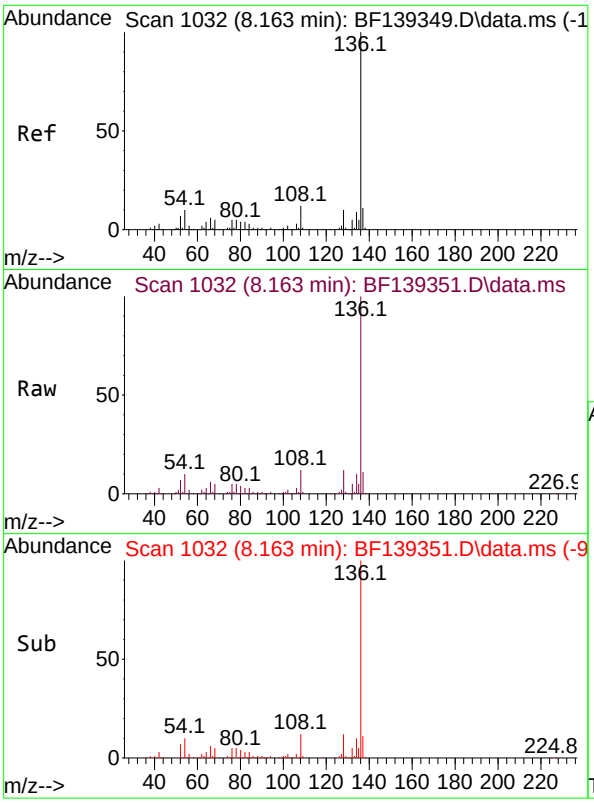


#20
3+4-Methylphenols
Concen: 62.275 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 235065

Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.6	108.6
77	127.2	101.6	141.6
79	35.6	16.3	56.3

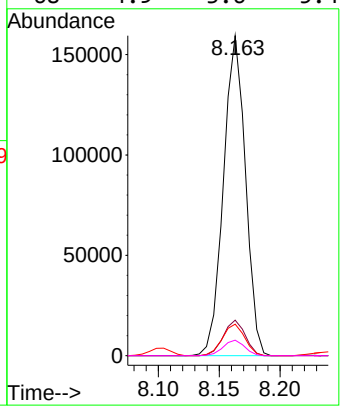




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:136 Resp: 20071

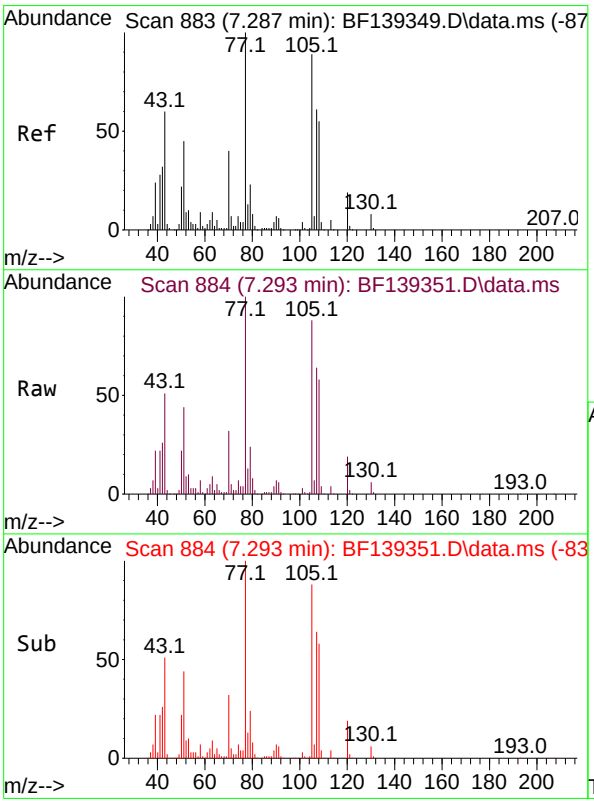
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.8	7.8	11.8
68	4.9	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

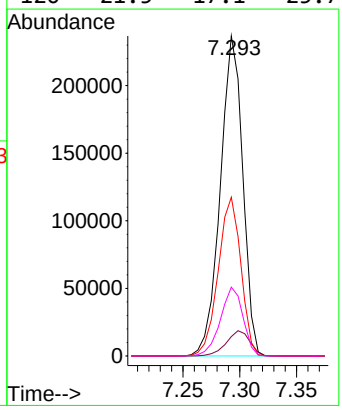
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

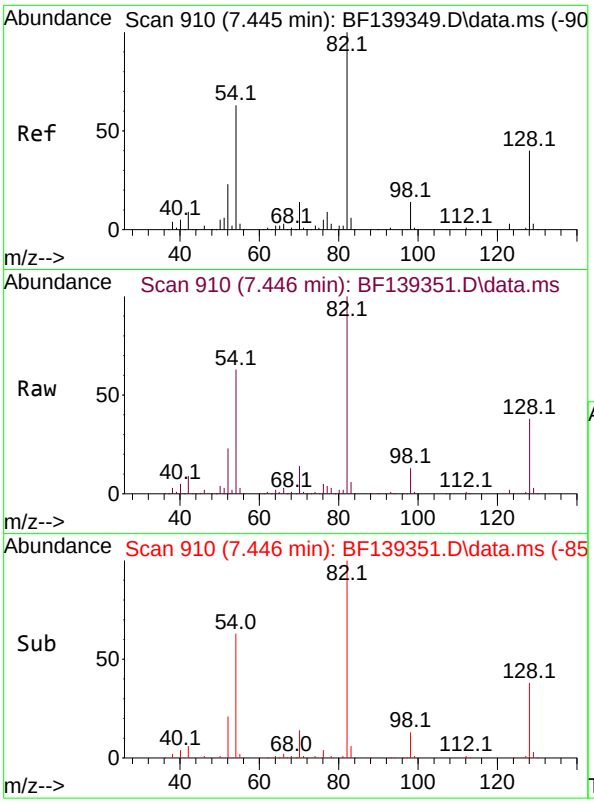


#22
Acetophenone
Concen: 61.930 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:105 Resp: 324964

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.9	8.9
51	49.6	40.0	60.0
120	21.5	17.1	25.7

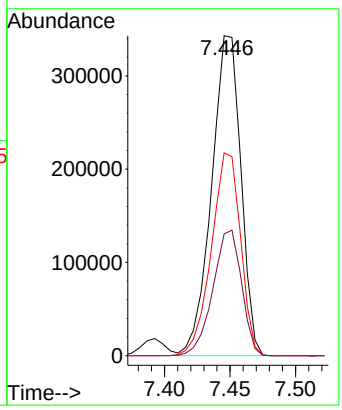




#23
Nitrobenzene-d5
Concen: 124.852 ng
RT: 7.446 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 82 Resp: 53305

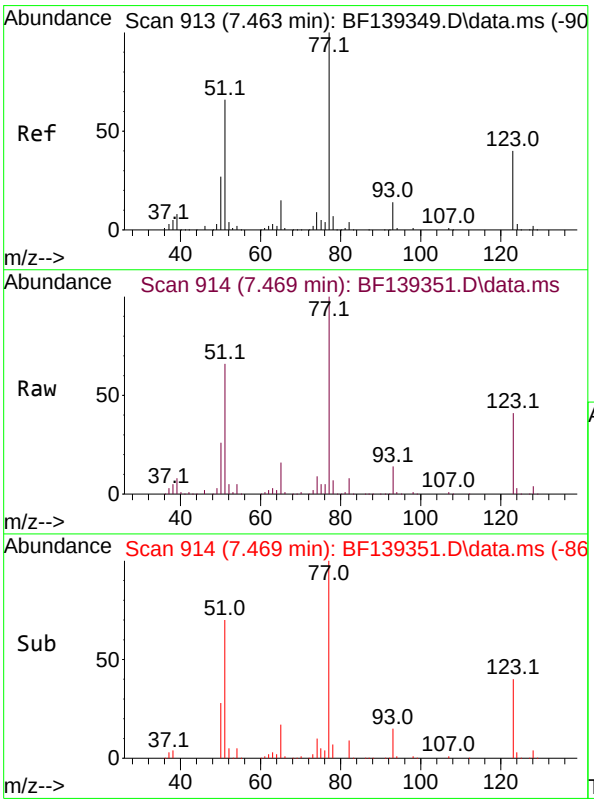
Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.8	47.6
54	63.3	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

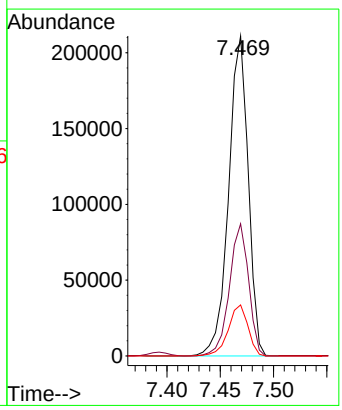
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

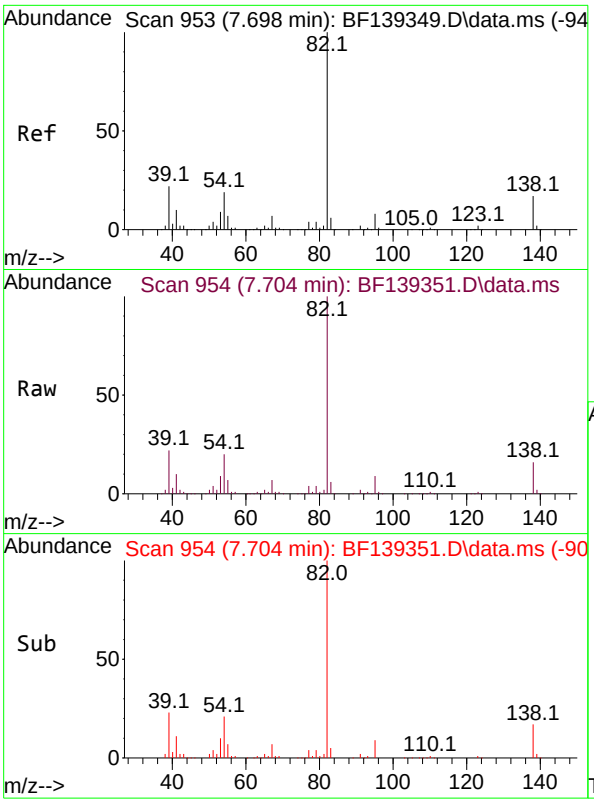


#24
Nitrobenzene
Concen: 61.382 ng
RT: 7.469 min Scan# 914
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 77 Resp: 269729

Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.2	48.4
65	15.9	12.2	18.4

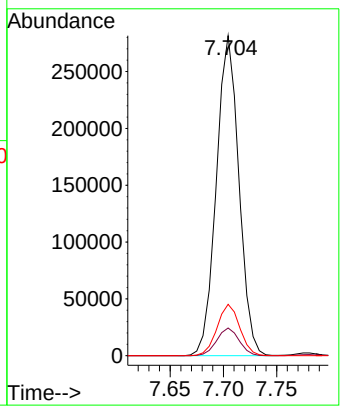




#25
Isophorone
Concen: 61.360 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 82 Resp: 41432

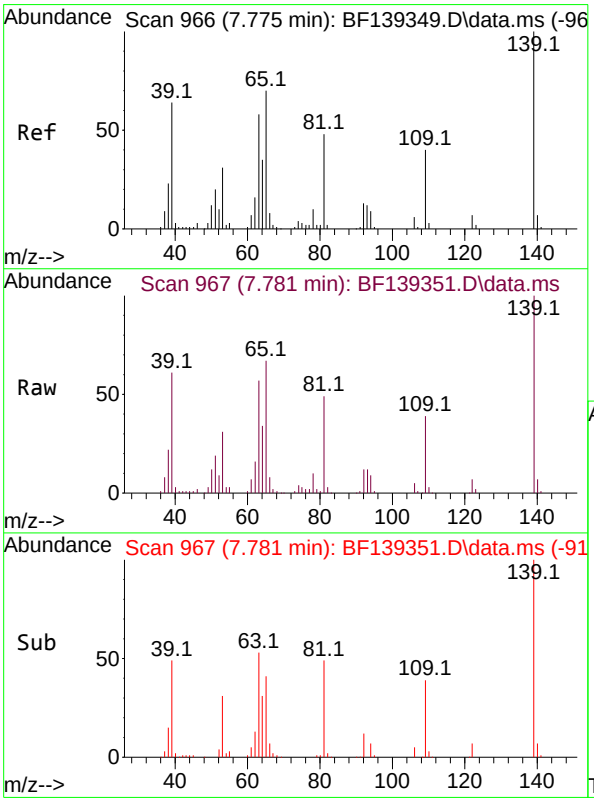
Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.7	10.1
138	16.1	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

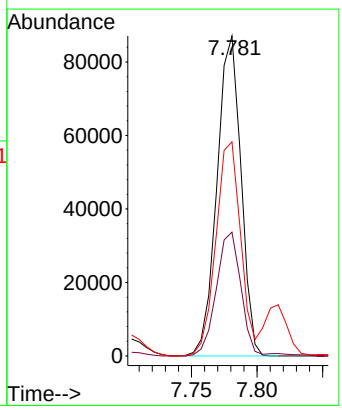
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

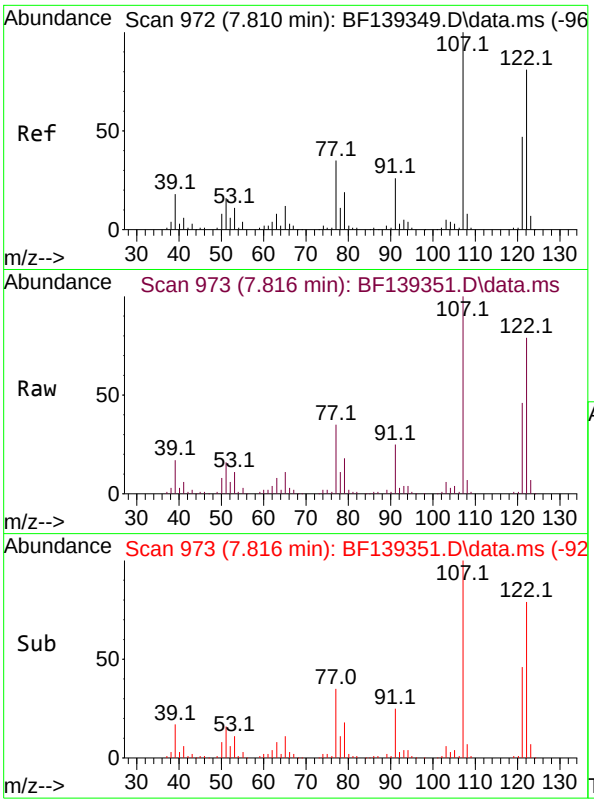


#26
2-Nitrophenol
Concen: 64.806 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:139 Resp: 110946

Ion	Ratio	Lower	Upper
139	100		
109	38.7	32.2	48.2
65	66.9	55.8	83.8

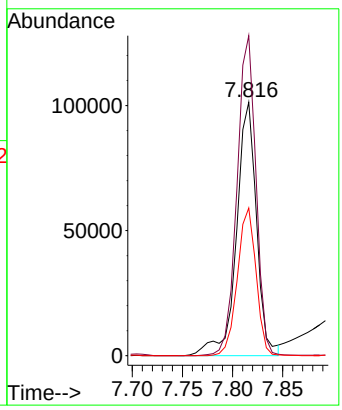




#27
2,4-Dimethylphenol
Concen: 62.698 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:122 Resp: 14158

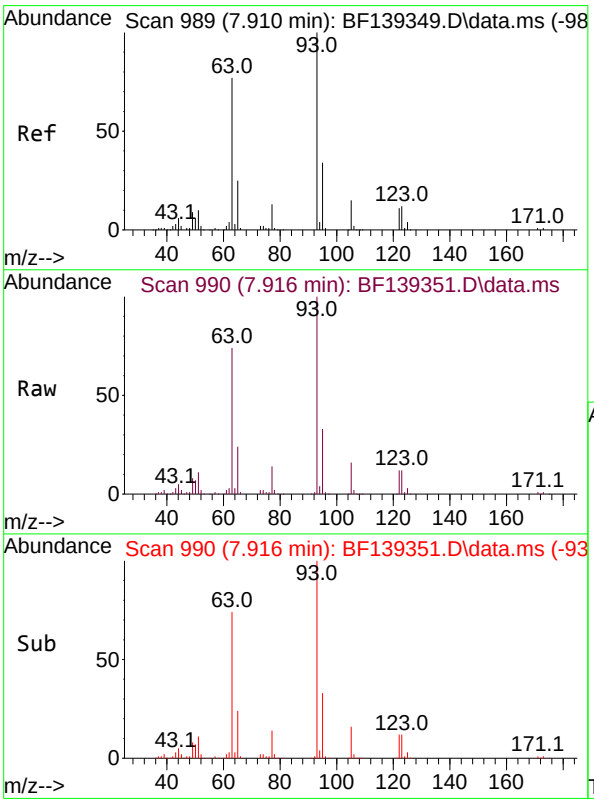
Ion	Ratio	Lower	Upper
122	100		
107	126.3	99.1	148.7
121	58.3	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

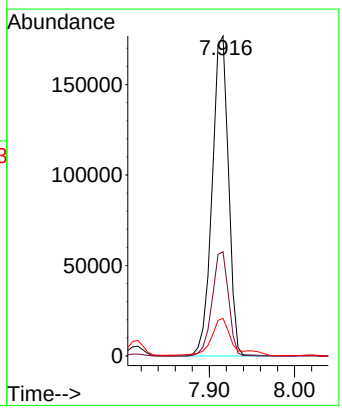
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

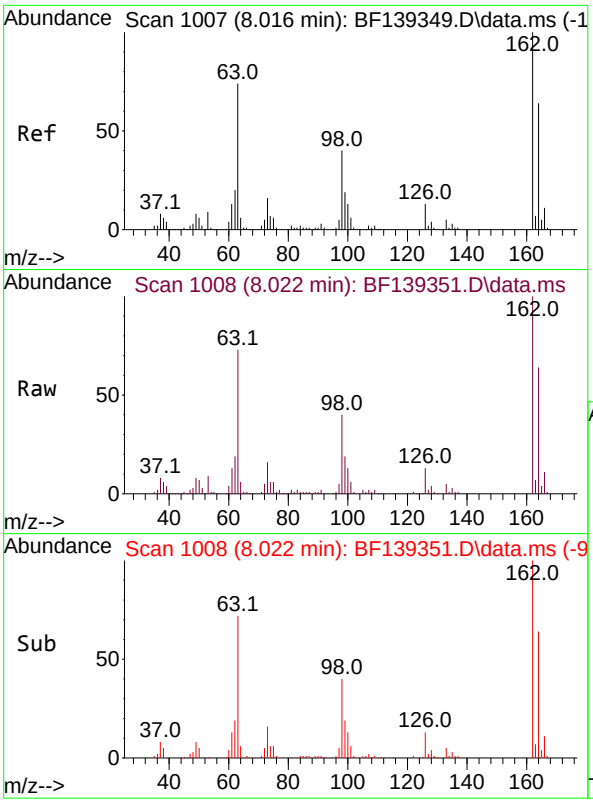


#28
bis(2-Chloroethoxy)methane
Concen: 61.287 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 93 Resp: 235849

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.9	40.3
123	11.7	10.0	15.0

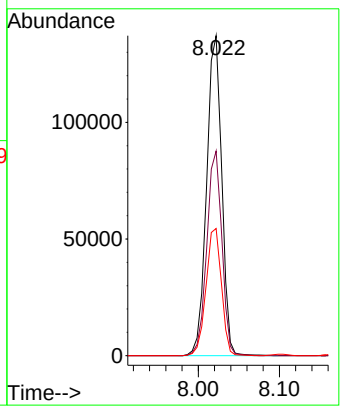




#29
2,4-Dichlorophenol
Concen: 61.752 ng
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:162 Resp: 17715

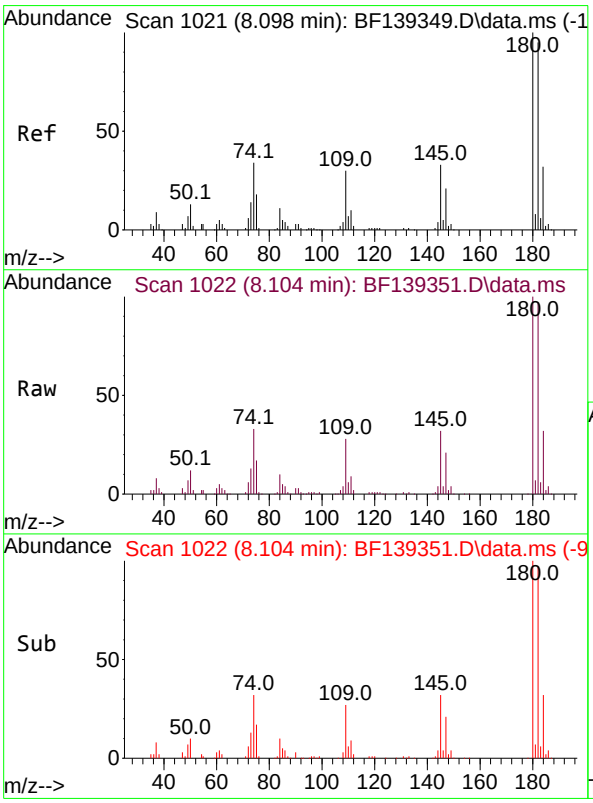
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	39.7	19.7	59.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

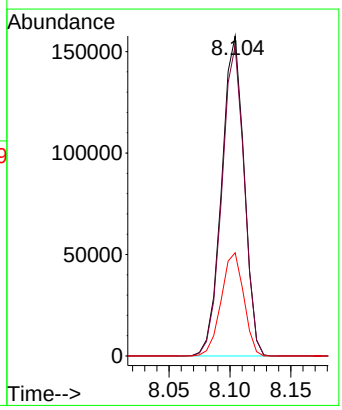
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

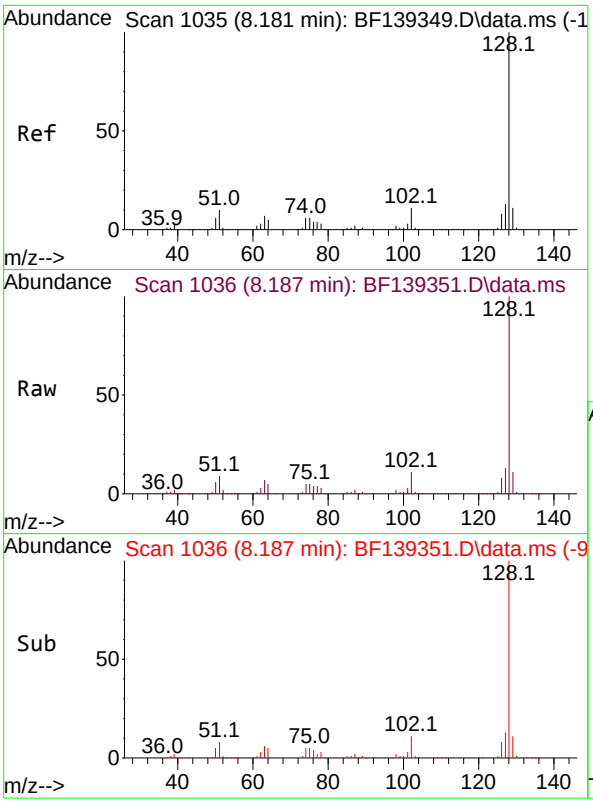


#30
1,2,4-Trichlorobenzene
Concen: 60.625 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:180 Resp: 202649

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.7	113.5
145	32.2	26.5	39.7

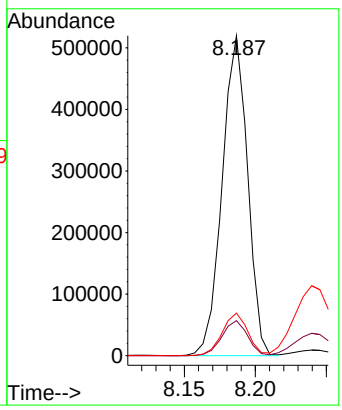




#31
Naphthalene
Concen: 61.819 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:128 Resp: 64776

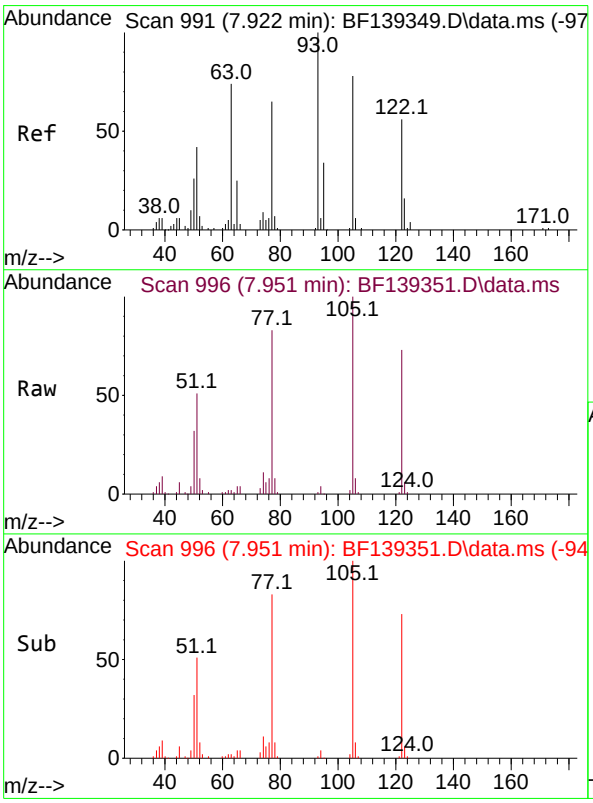
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

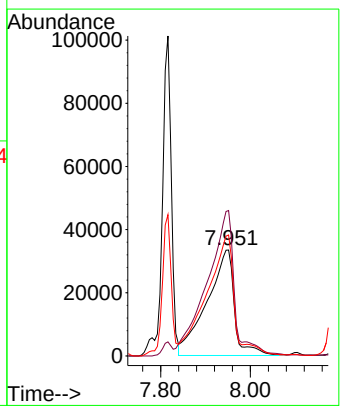
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

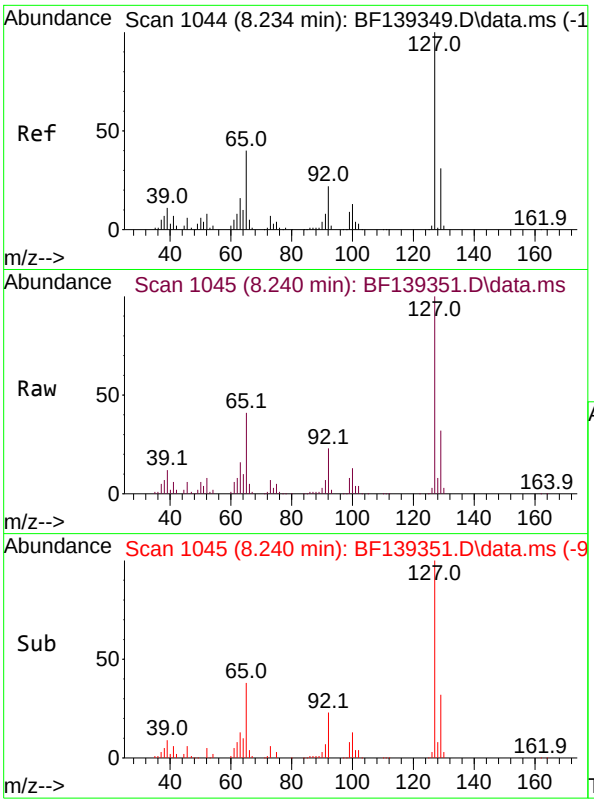


#32
Benzoic acid
Concen: 66.826 ng m
RT: 7.951 min Scan# 996
Delta R.T. 0.029 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:122 Resp: 141779

Ion	Ratio	Lower	Upper
122	100		
105	137.4	117.1	157.1
77	114.1	95.4	135.4

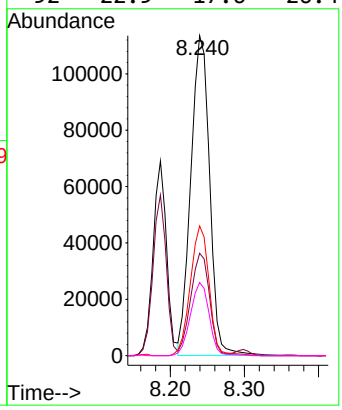




#33
4-Chloroaniline
Concen: 62.450 ng
RT: 8.240 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:127 Resp: 20019

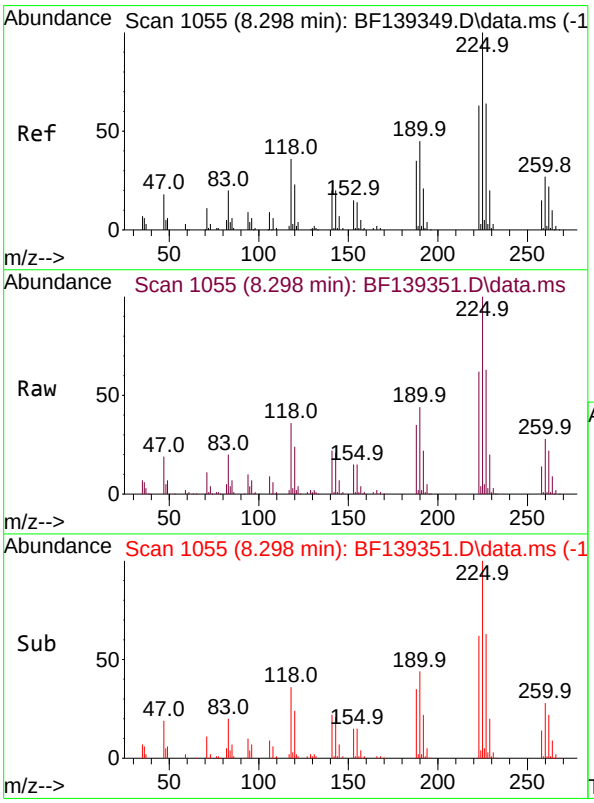
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	40.5	31.5	47.3
92	22.9	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

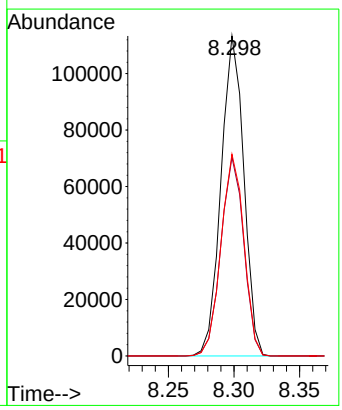
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

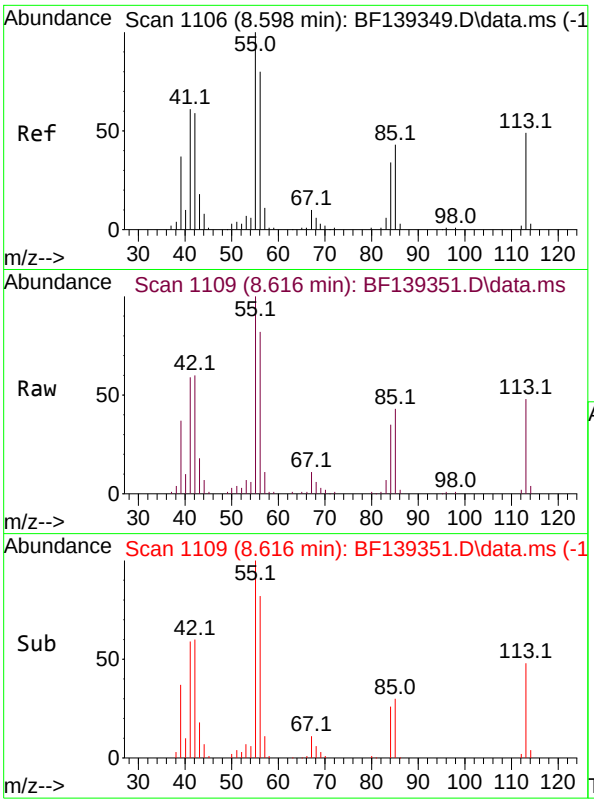


#34
Hexachlorobutadiene
Concen: 60.236 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:225 Resp: 136795

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	63.0	51.0	76.6

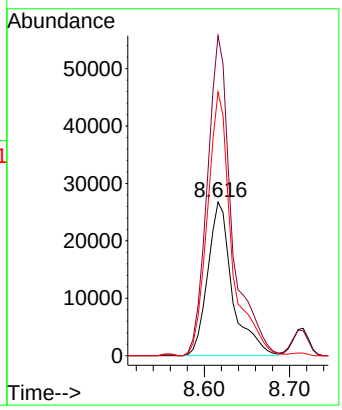




#35
Caprolactam
Concen: 60.885 ng
RT: 8.616 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:113 Resp: 5373

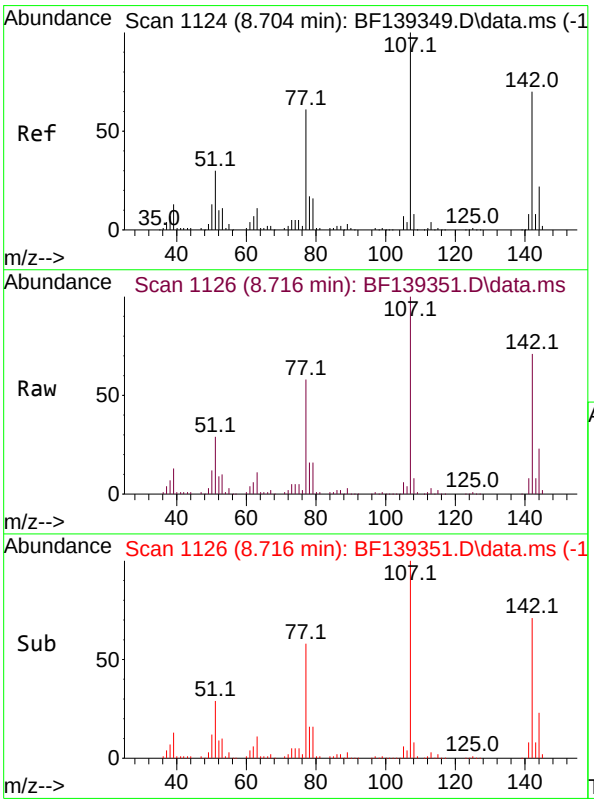
Ion	Ratio	Lower	Upper
113	100		
55	208.2	186.1	226.1
56	171.4	144.9	184.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

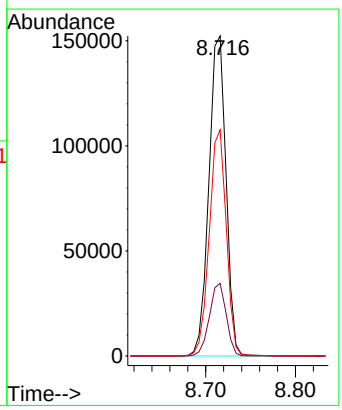
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

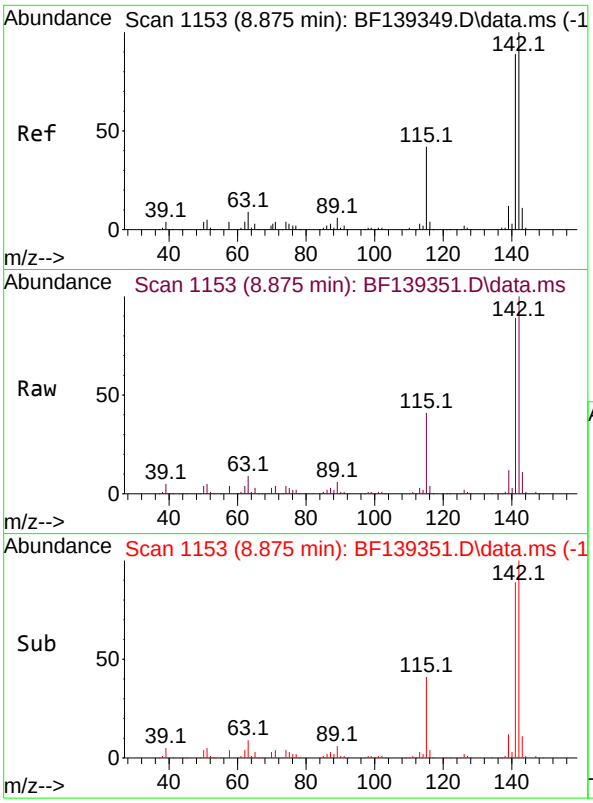


#36
4-Chloro-3-methylphenol
Concen: 61.625 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 202047

Ion	Ratio	Lower	Upper
107	100		
144	22.7	17.5	26.3
142	70.7	55.8	83.8

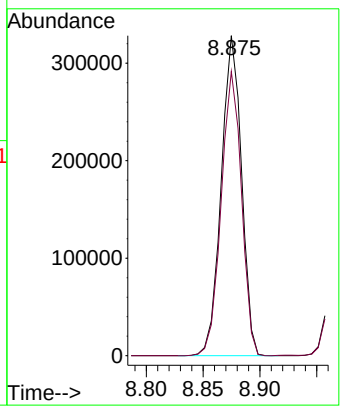




#37
2-Methylnaphthalene
Concen: 61.148 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:142 Resp: 40669

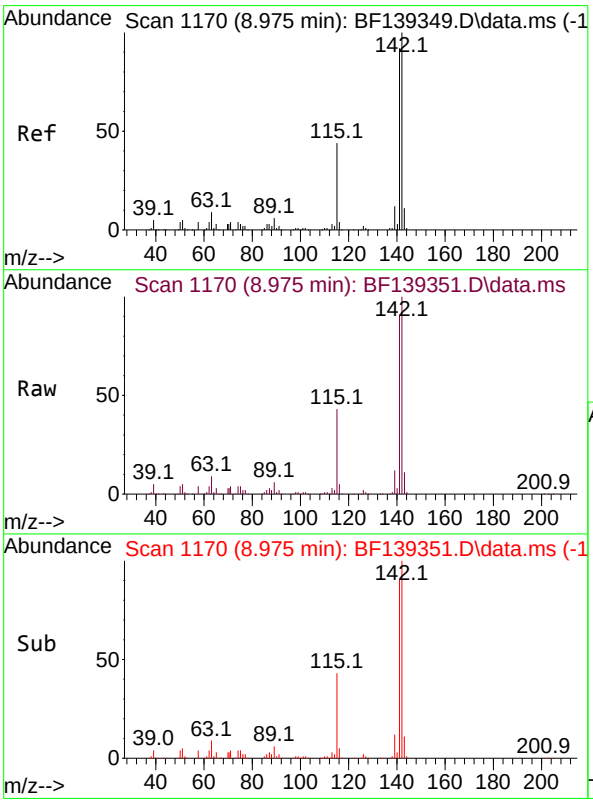
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

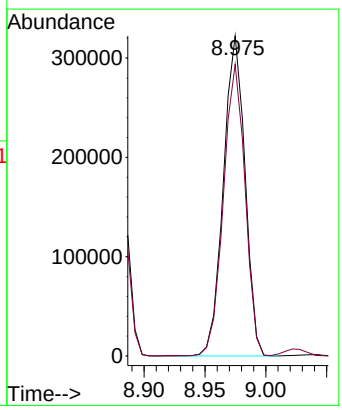
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

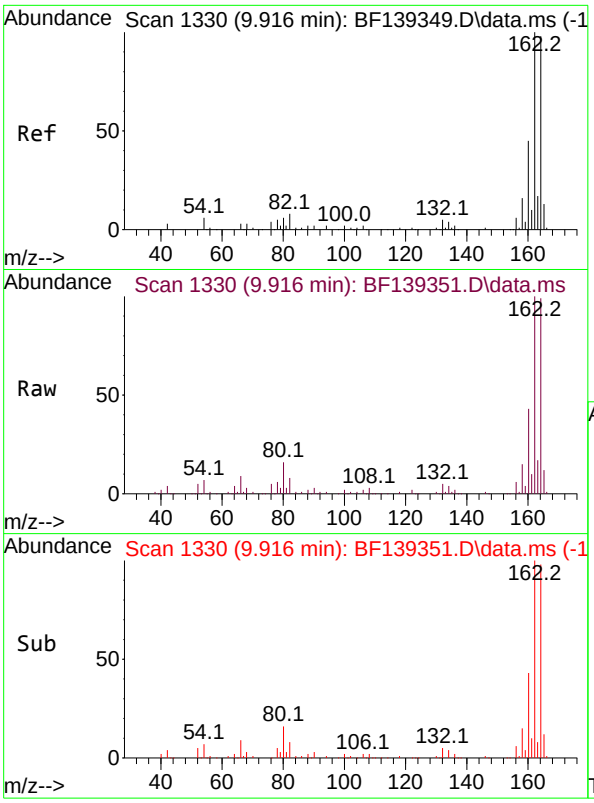


#38
1-Methylnaphthalene
Concen: 60.930 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:142 Resp: 397859

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8

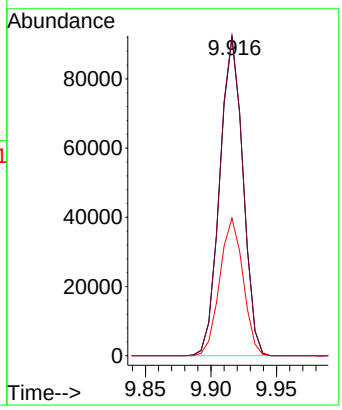




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:164 Resp: 11286

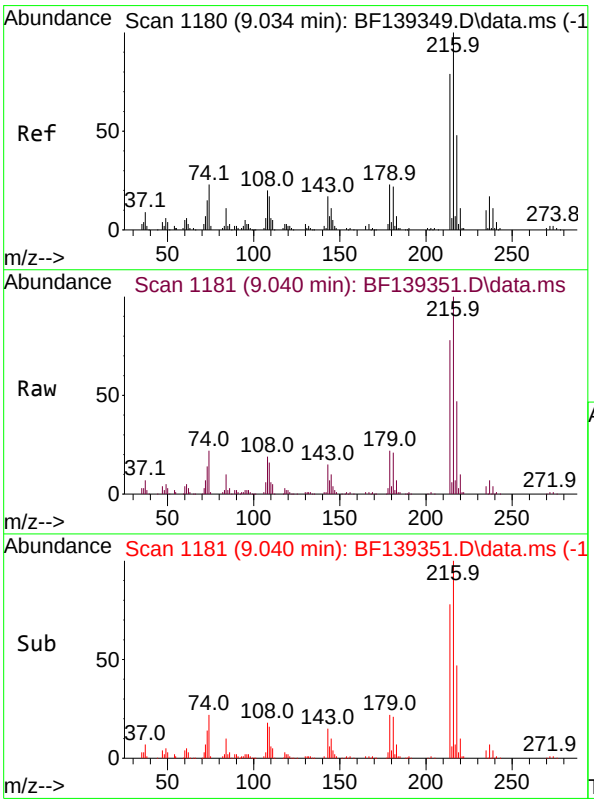
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.3	121.9
160	43.3	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

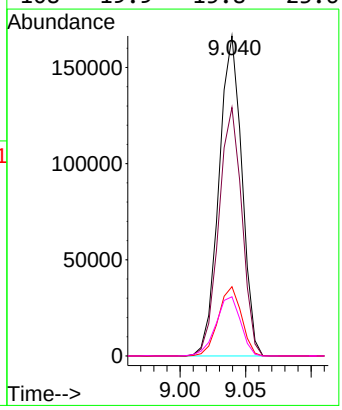
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

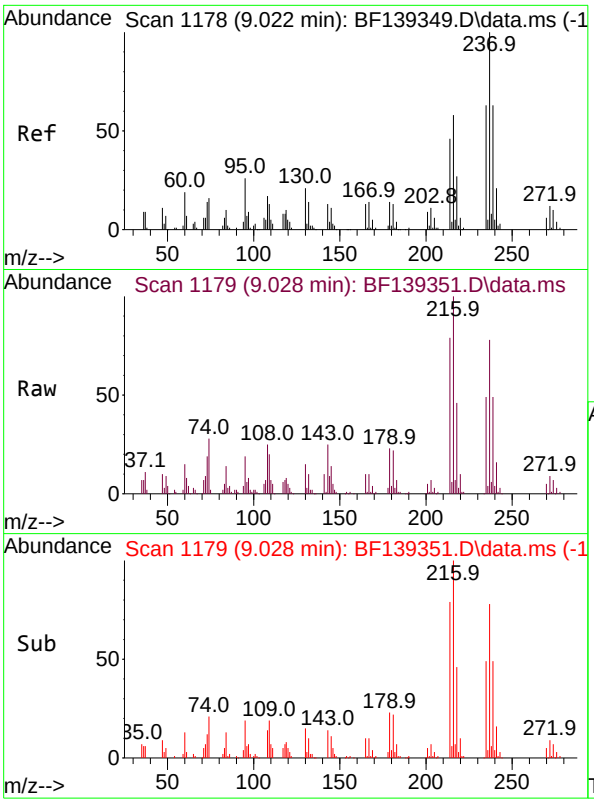


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.469 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:216 Resp: 202263

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.9	18.2	27.2
108	19.9	15.8	23.6

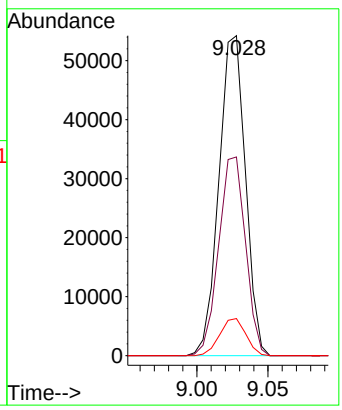




#41
Hexachlorocyclopentadiene
Concen: 60.253 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:237 Resp: 7036

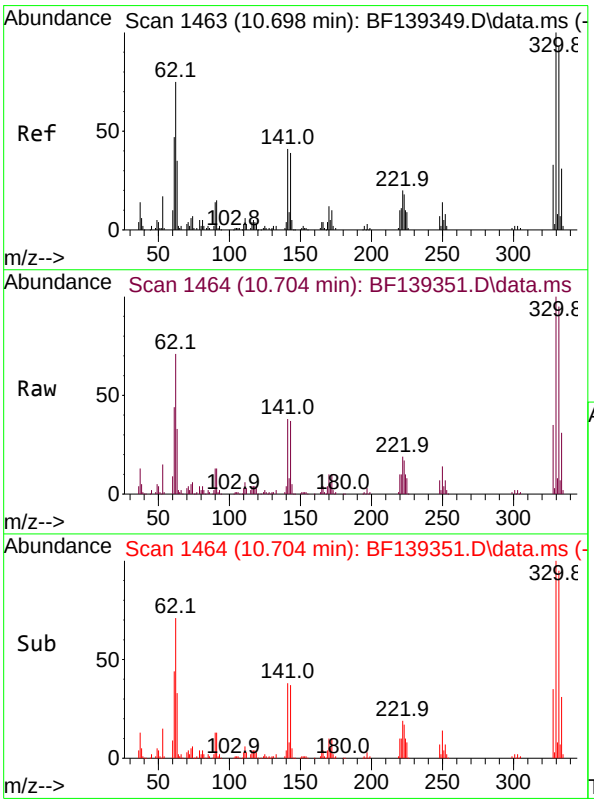
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.7	82.7
272	11.6	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

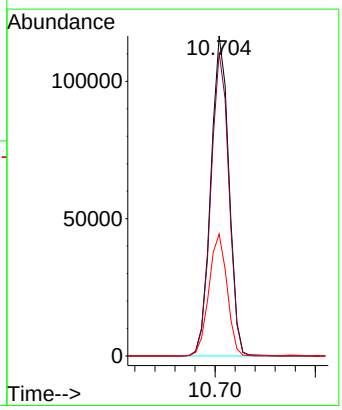
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

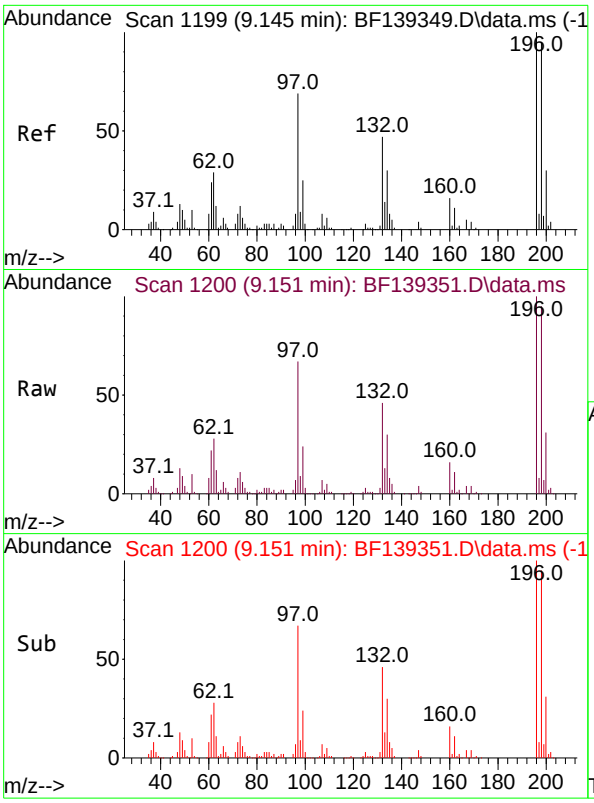


#42
2,4,6-Tribromophenol
Concen: 120.977 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:330 Resp: 145361

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.2	112.8
141	38.4	31.2	46.8

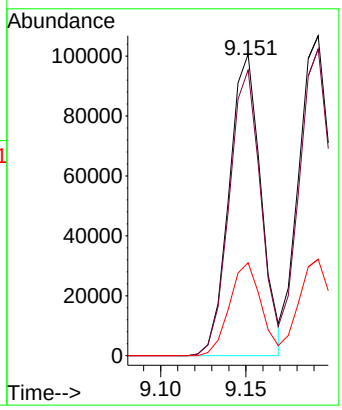




#43
2,4,6-Trichlorophenol
Concen: 59.949 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:196 Resp: 13046

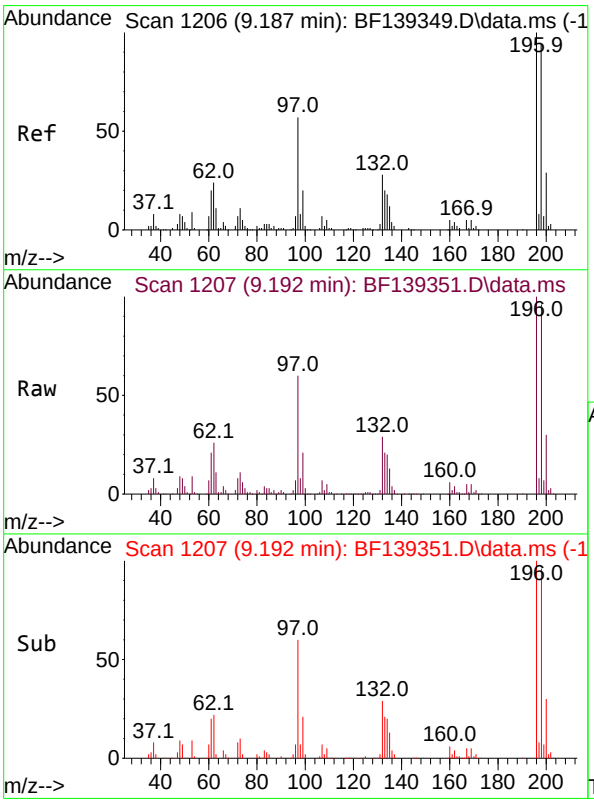
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
200	30.8	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

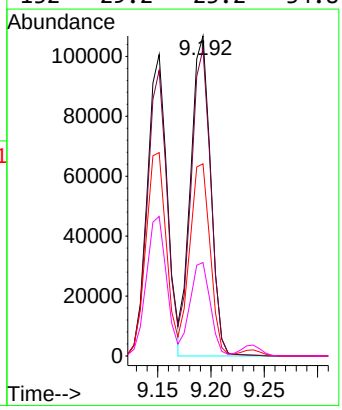
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

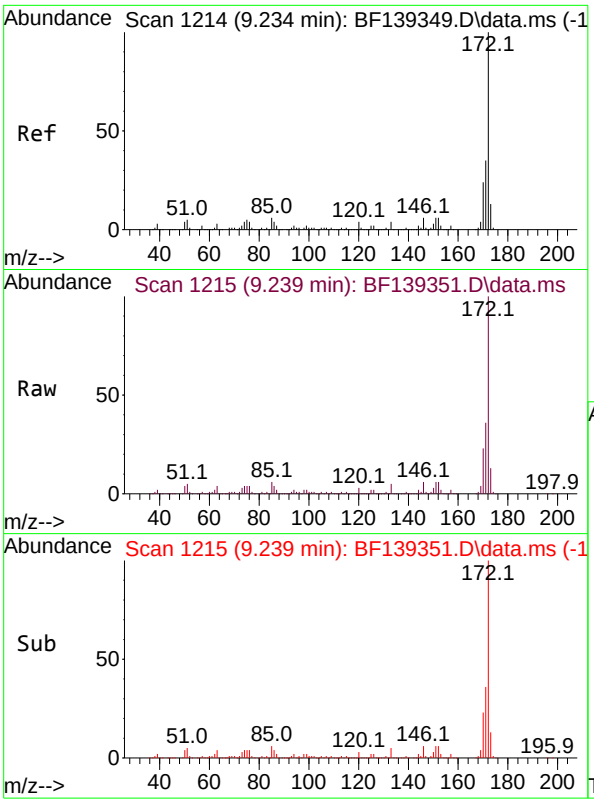


#44
2,4,5-Trichlorophenol
Concen: 60.571 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:196 Resp: 139041

Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.8	112.2
97	60.0	47.3	70.9
132	29.2	23.2	34.8

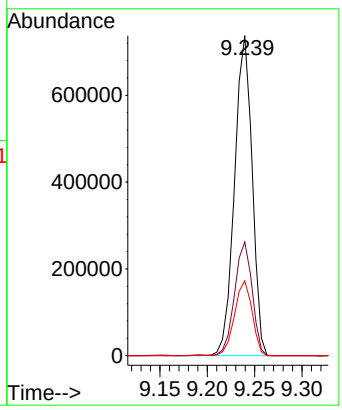




#45
2-Fluorobiphenyl
Concen: 118.368 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:172 Resp: 95252

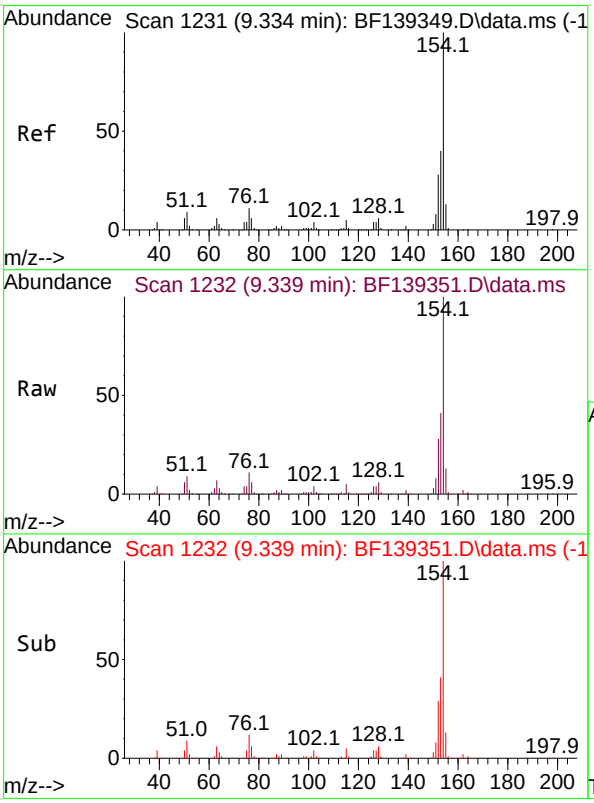
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.4	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

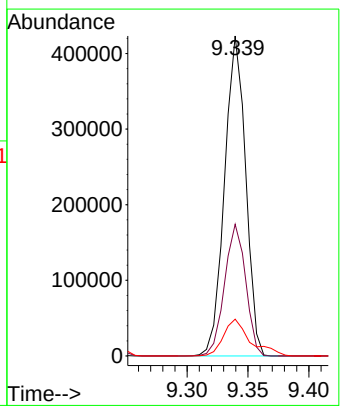
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

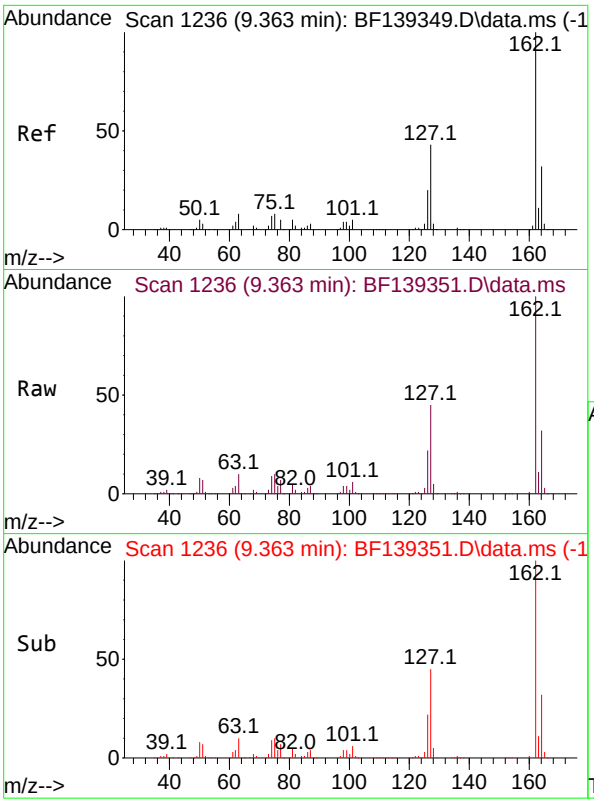


#46
1,1'-Biphenyl
Concen: 58.895 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:154 Resp: 511379

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.1	60.1
76	11.5	0.0	31.1

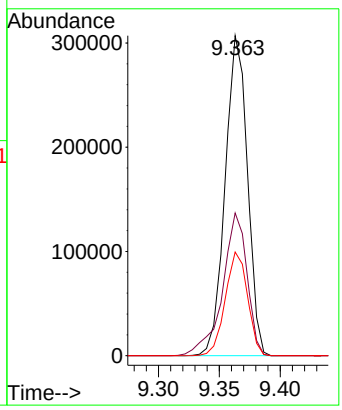




#47
2-Chloronaphthalene
Concen: 60.232 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:162 Resp: 39103

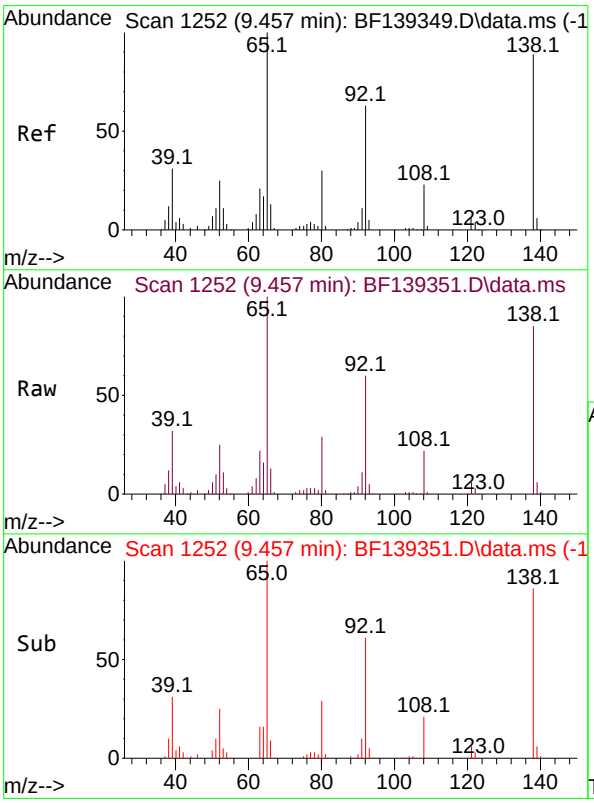
Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.0	52.4
164	32.4	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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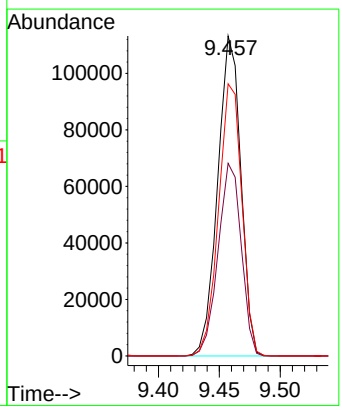
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

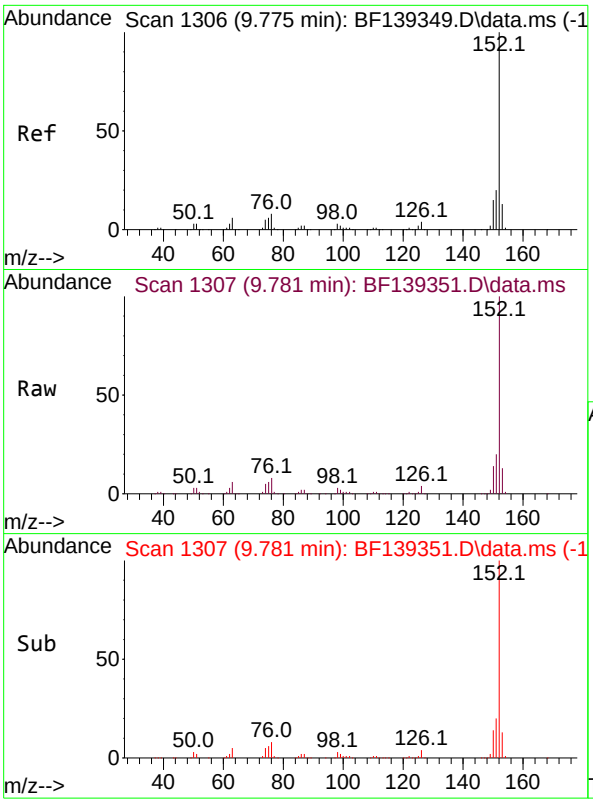


#48
2-Nitroaniline
Concen: 62.050 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 65 Resp: 149834

Ion	Ratio	Lower	Upper
65	100		
92	60.2	50.3	75.5
138	85.1	71.3	106.9

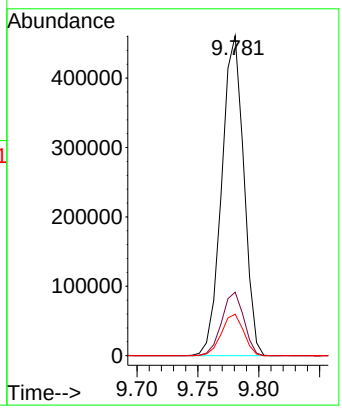




#49
Acenaphthylene
Concen: 59.530 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:152 Resp: 58176

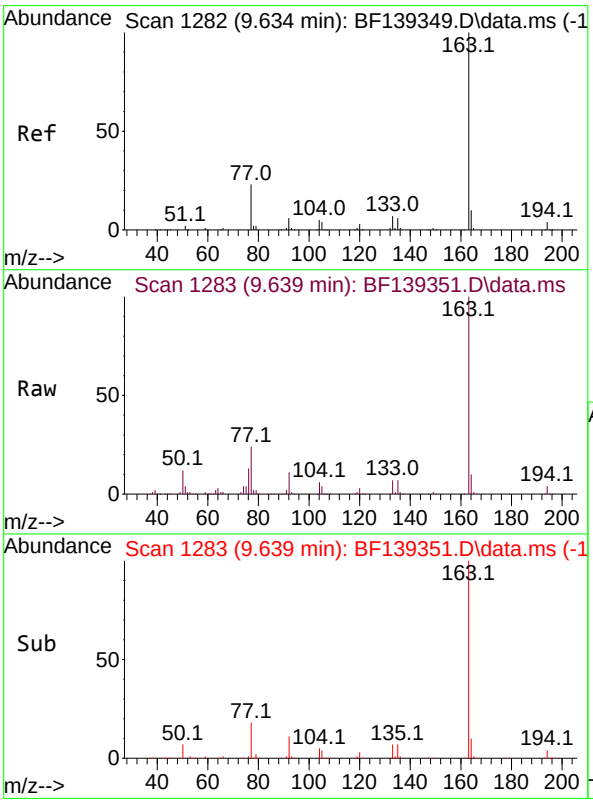
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

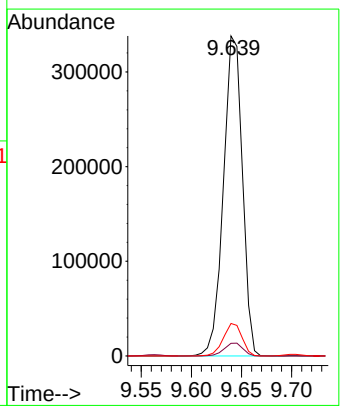
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

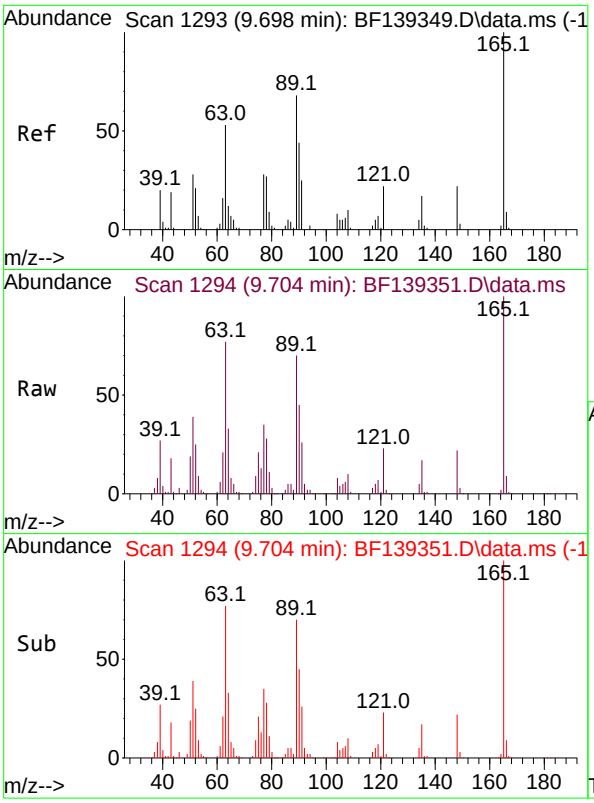


#50
Dimethylphthalate
Concen: 60.032 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:163 Resp: 444695

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 61.074 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

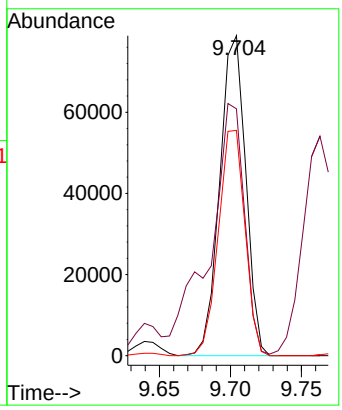
Tgt Ion:165 Resp: 10022

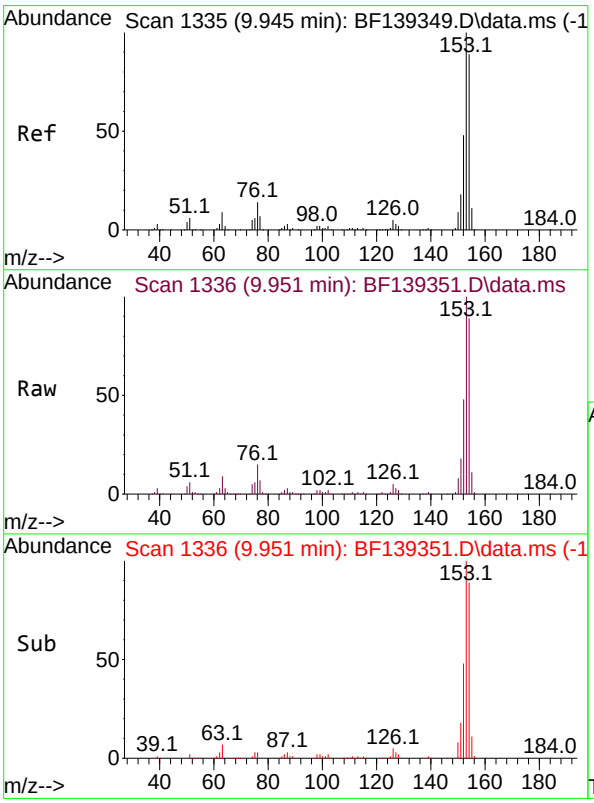
Ion	Ratio	Lower	Upper
165	100		
63	77.2	60.9	91.3
89	70.4	54.7	82.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

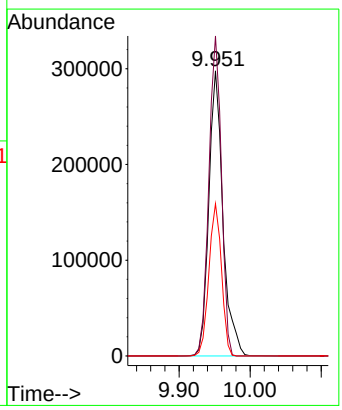


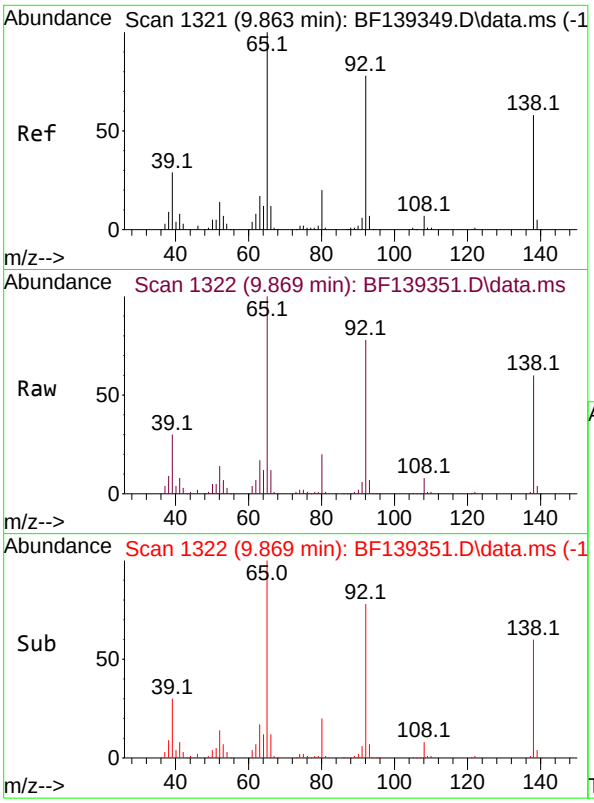


#52
Acenaphthene
Concen: 60.286 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:154 Resp: 411189

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.5	134.3
152	53.4	42.6	64.0

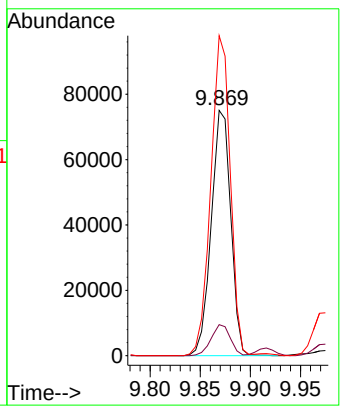




#53
3-Nitroaniline
Concen: 61.832 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:138 Resp: 10140

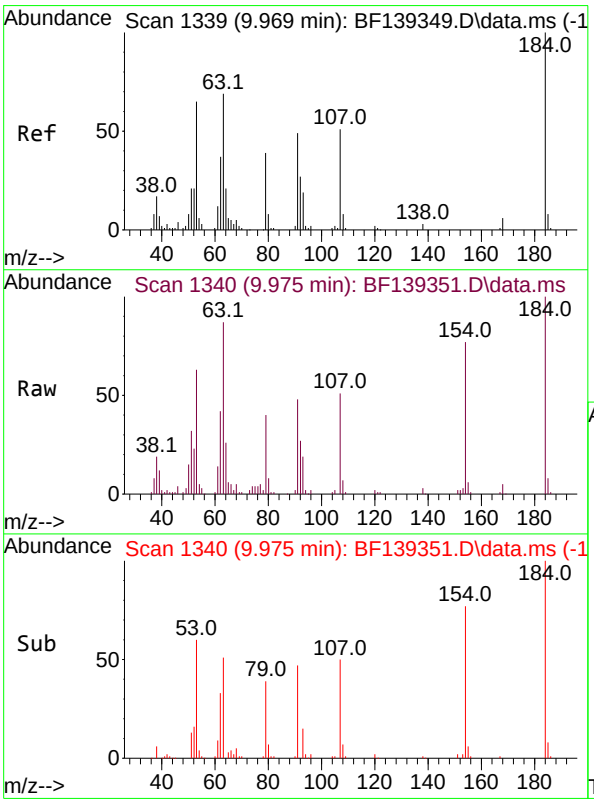
Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.8	14.8
92	130.4	107.4	161.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

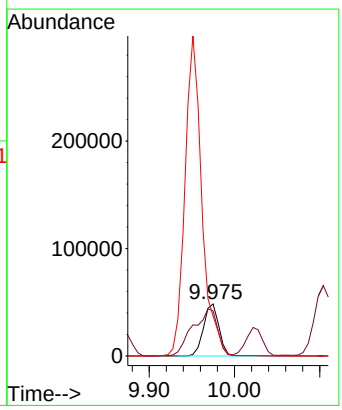
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

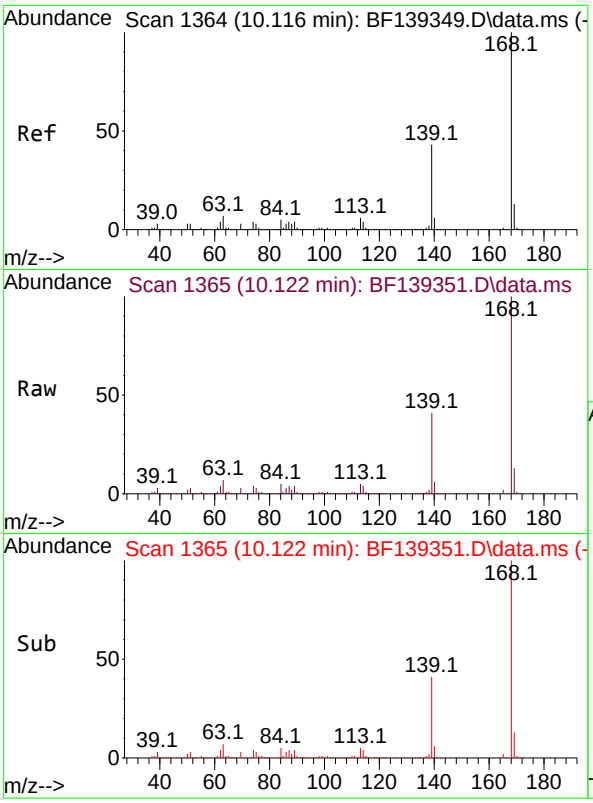


#54
2,4-Dinitrophenol
Concen: 71.035 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:184 Resp: 61109

Ion	Ratio	Lower	Upper
184	100		
63	86.8	69.3	103.9
154	77.1	67.5	101.3

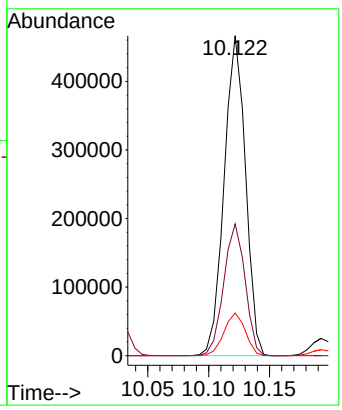




#55
Dibenzofuran
Concen: 59.962 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:168 Resp: 57003

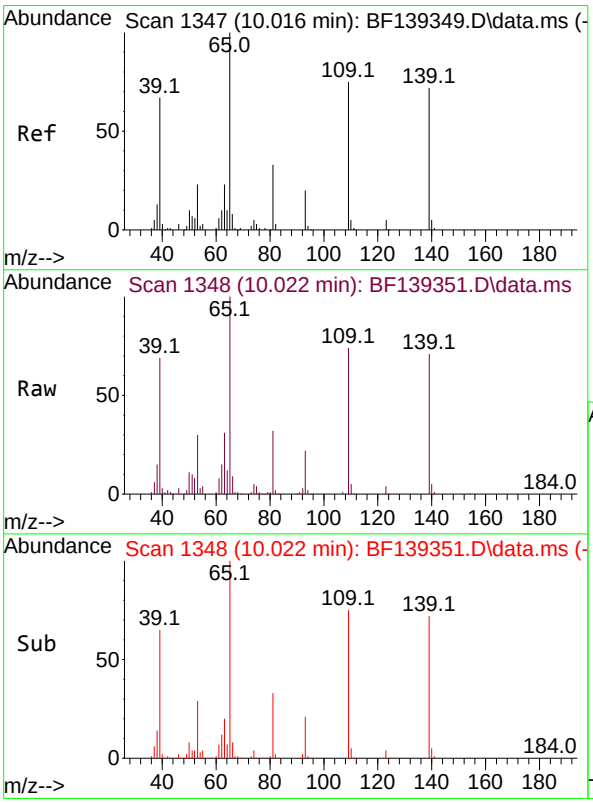
Ion	Ratio	Lower	Upper
168	100		
139	41.2	34.1	51.1
169	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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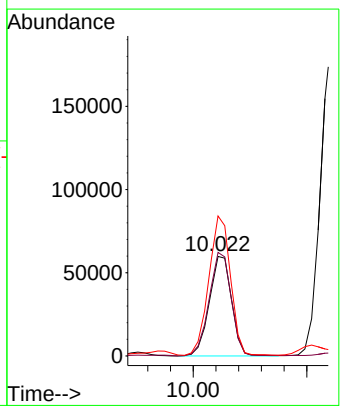
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

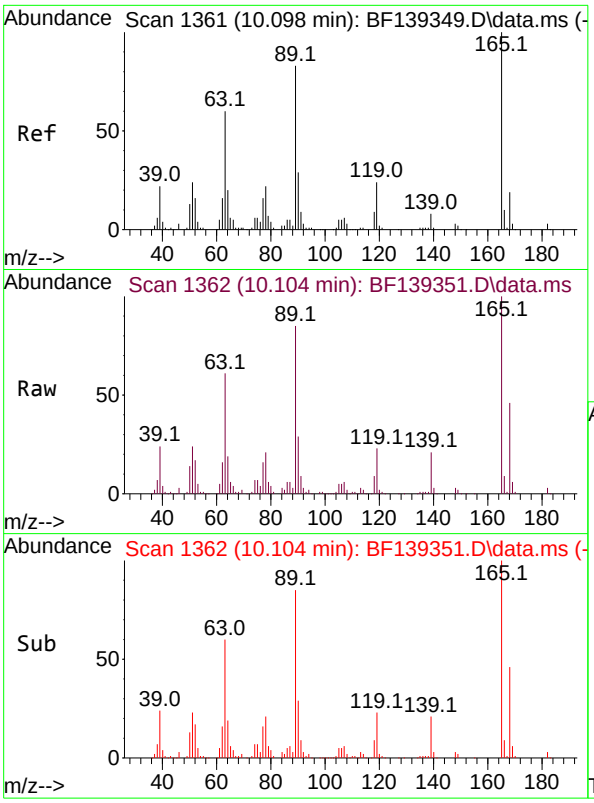


#56
4-Nitrophenol
Concen: 59.961 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:139 Resp: 81369

Ion	Ratio	Lower	Upper
139	100		
109	103.9	84.1	124.1
65	140.6	120.0	160.0

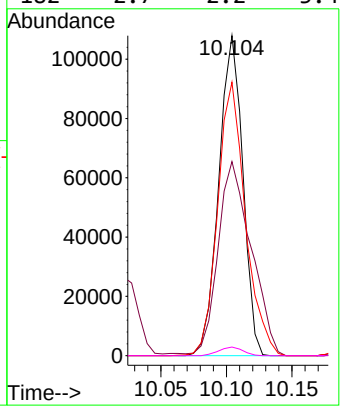




#57
2,4-Dinitrotoluene
Concen: 61.996 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:165 Resp: 13735

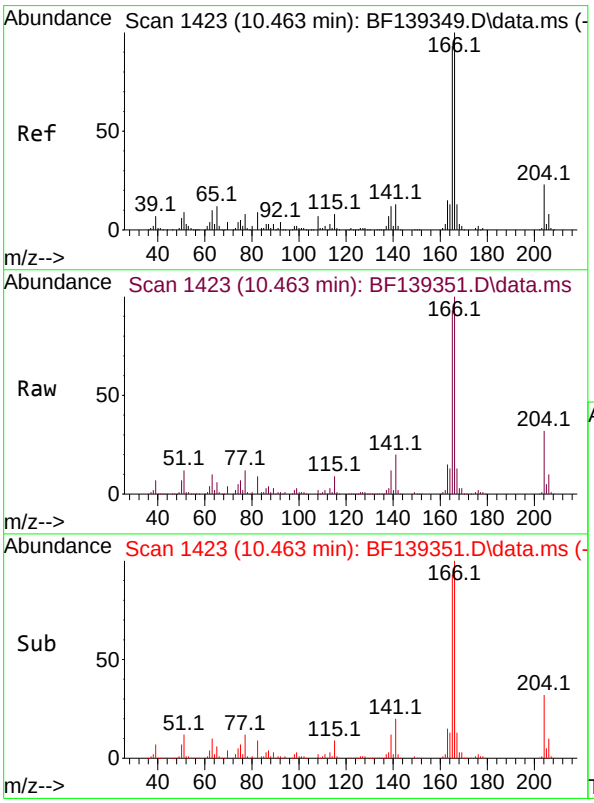
Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.8	71.6
89	85.5	66.7	100.1
182	2.7	2.2	3.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

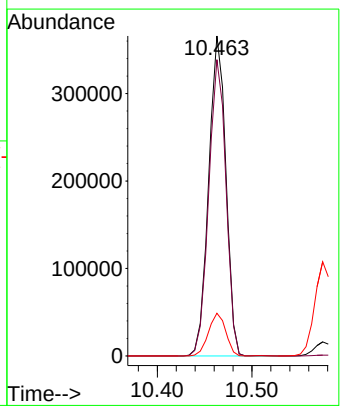
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

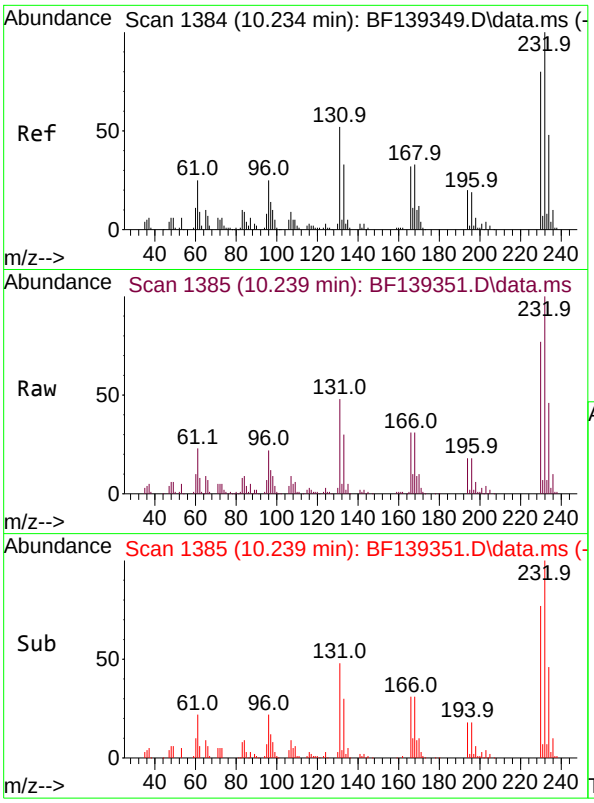


#58
Fluorene
Concen: 59.385 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:166 Resp: 460625

Ion	Ratio	Lower	Upper
166	100		
165	92.6	74.5	111.7
167	13.4	10.6	16.0

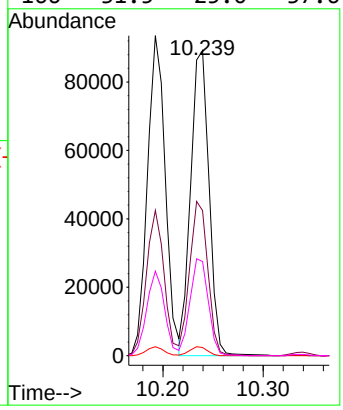




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.907 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:232 Resp: 11375

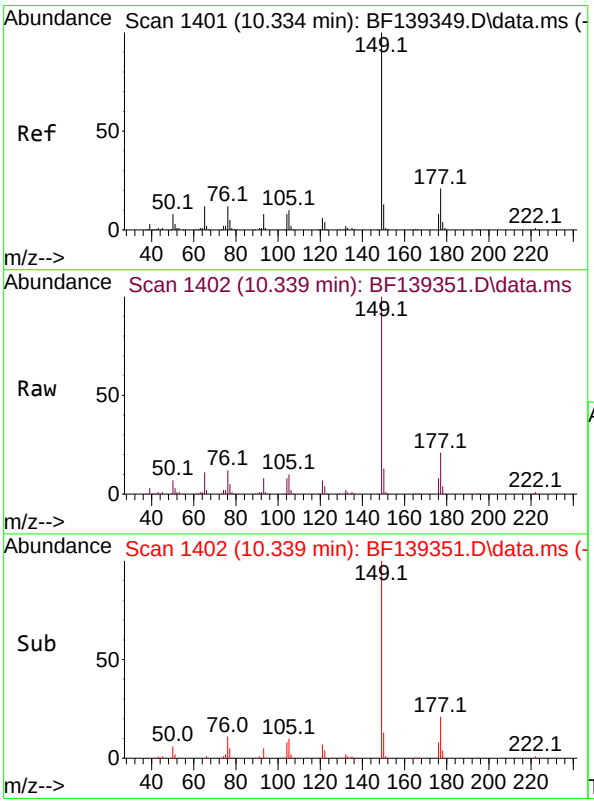
Ion	Ratio	Lower	Upper
232	100		
131	49.8	40.7	61.1
130	2.8	2.2	3.2
166	31.5	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

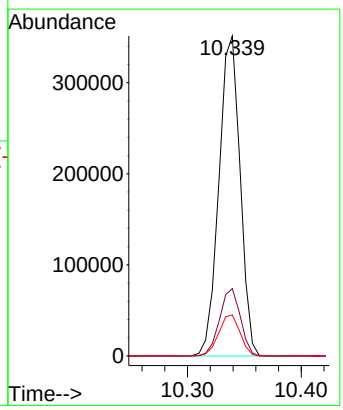
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

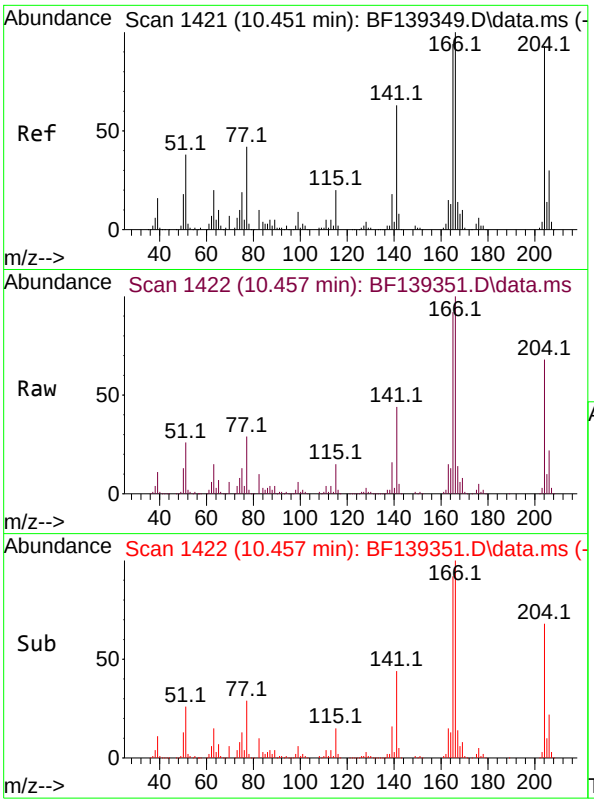


#60
Diethylphthalate
Concen: 59.624 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 455793

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	24.8
150	12.8	10.6	15.8

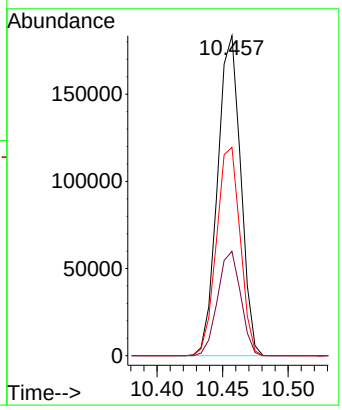




#61
4-Chlorophenyl-phenylether
Concen: 59.721 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:204 Resp: 22512

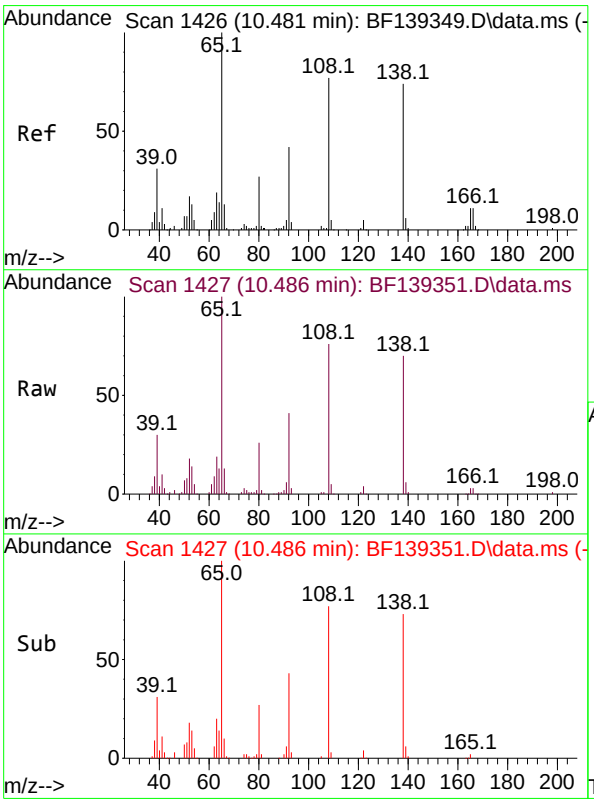
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	65.1	53.9	80.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

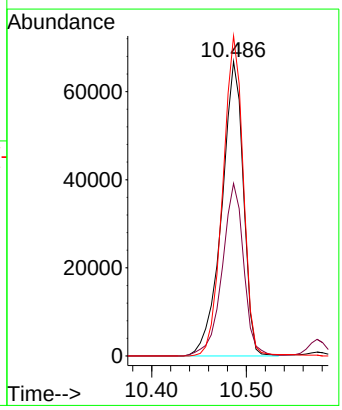
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

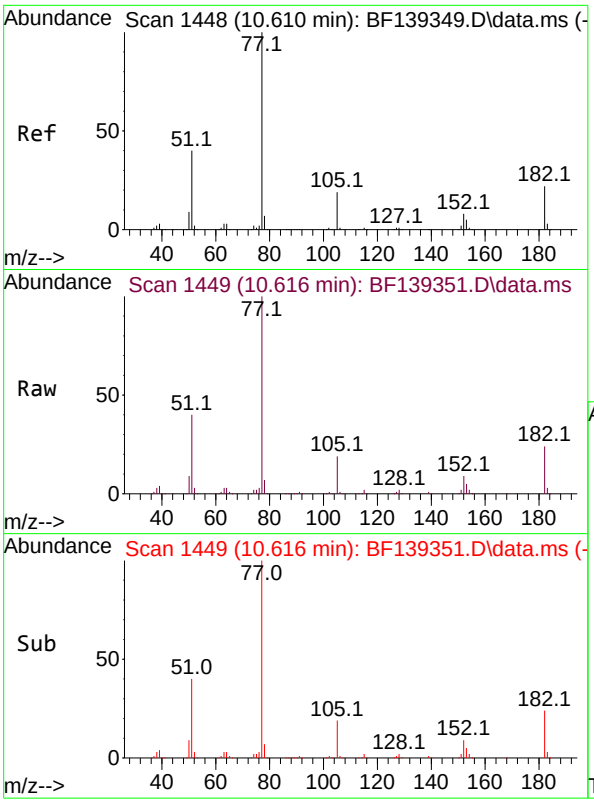


#62
4-Nitroaniline
Concen: 59.413 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:138 Resp: 106344

Ion	Ratio	Lower	Upper
138	100		
92	58.6	37.0	77.0
108	108.7	84.4	124.4

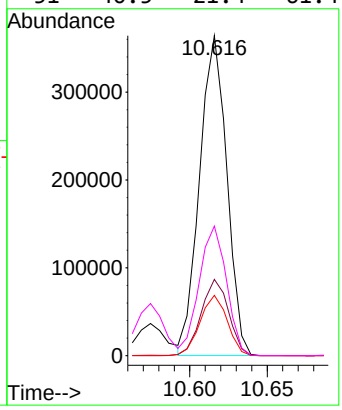




#63
Azobenzene
Concen: 59.162 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 77 Resp: 44482

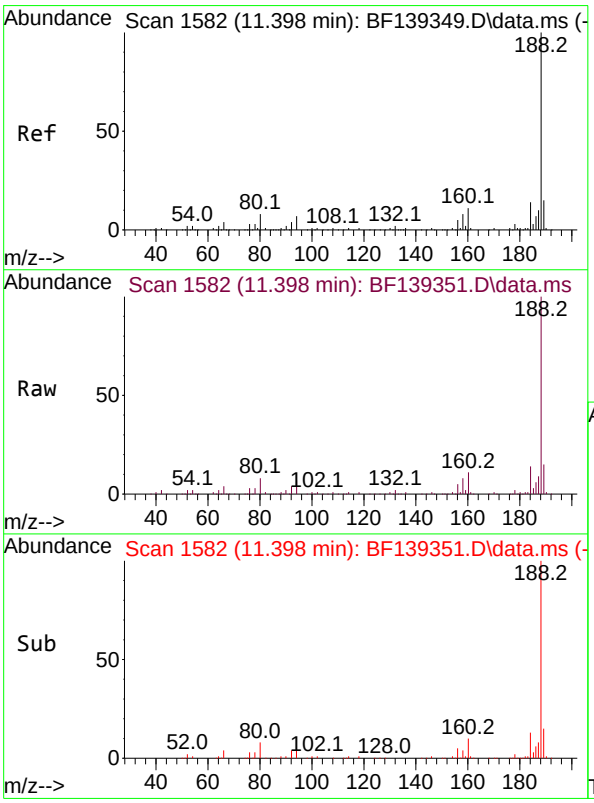
Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.8	41.8
105	18.8	0.0	38.6
51	40.5	21.4	61.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

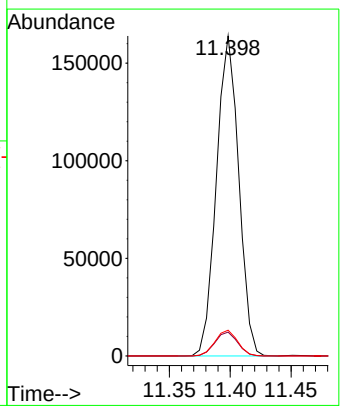
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

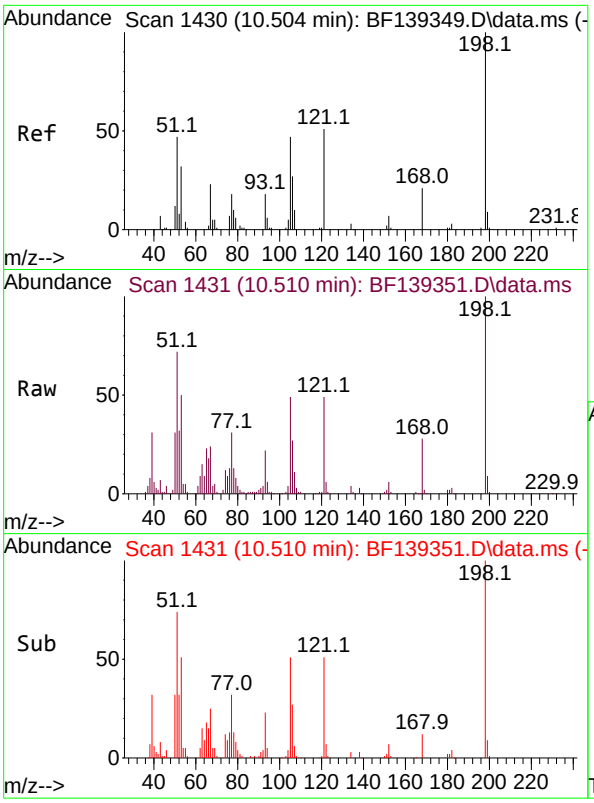


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:188 Resp: 209240

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.1	6.6	9.8

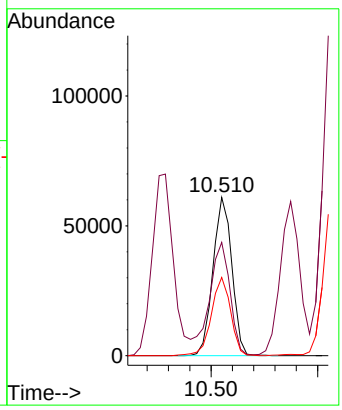




#65
4,6-Dinitro-2-methylphenol
Concen: 67.785 ng
RT: 10.510 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:198 Resp: 7485

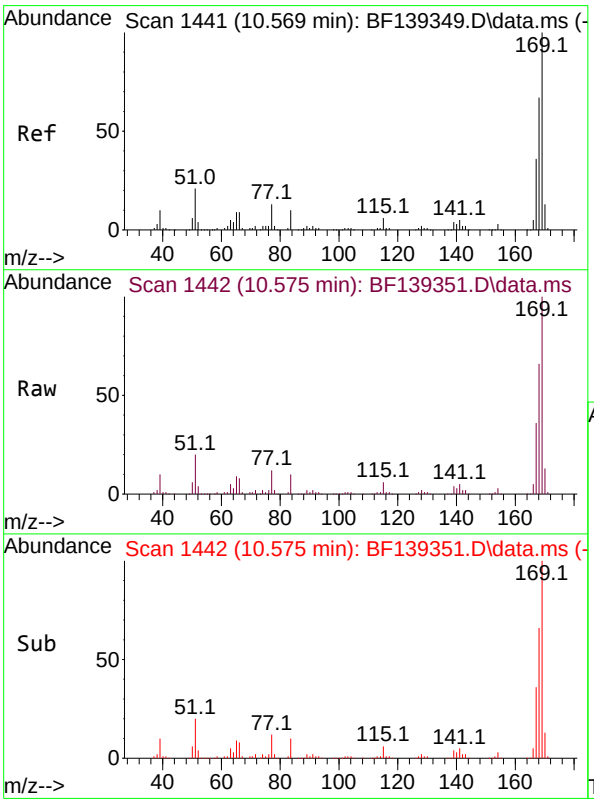
Ion	Ratio	Lower	Upper
198	100		
51	71.6	50.4	90.4
105	49.4	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

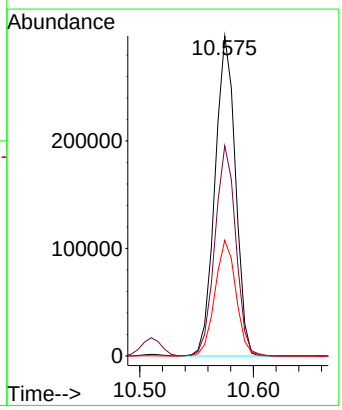
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

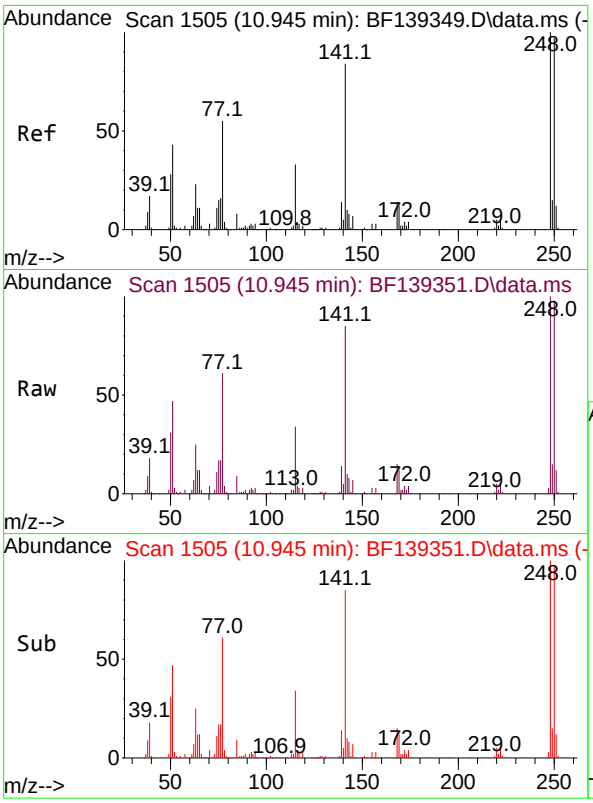


#66
n-Nitrosodiphenylamine
Concen: 60.933 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:169 Resp: 372758

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.6	80.4
167	36.2	28.7	43.1

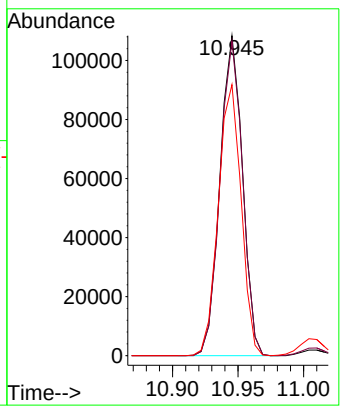




#67
4-Bromophenyl-phenylether
Concen: 62.319 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:248 Resp: 12921

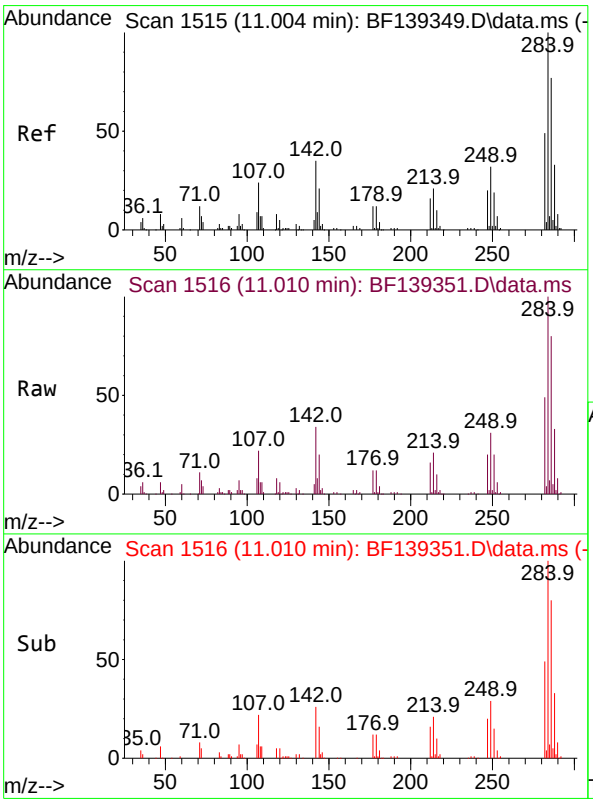
Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.6	116.4
141	84.7	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

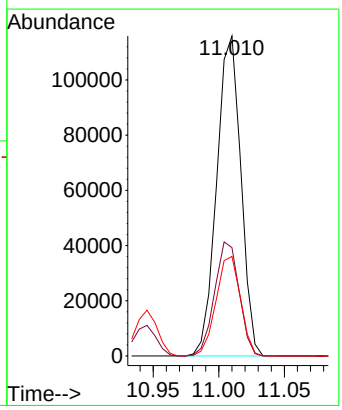
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

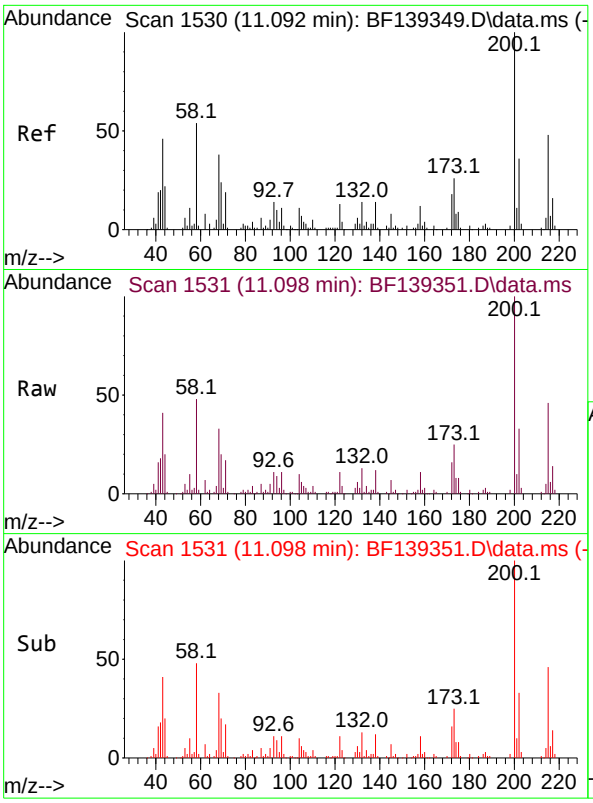


#68
Hexachlorobenzene
Concen: 60.920 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:284 Resp: 148250

Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.0	42.0
249	31.1	25.3	37.9

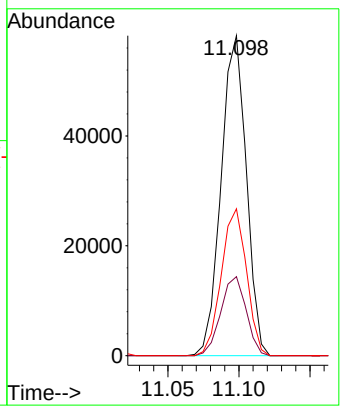




#69
Atrazine
Concen: 49.261 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:200 Resp: 7174

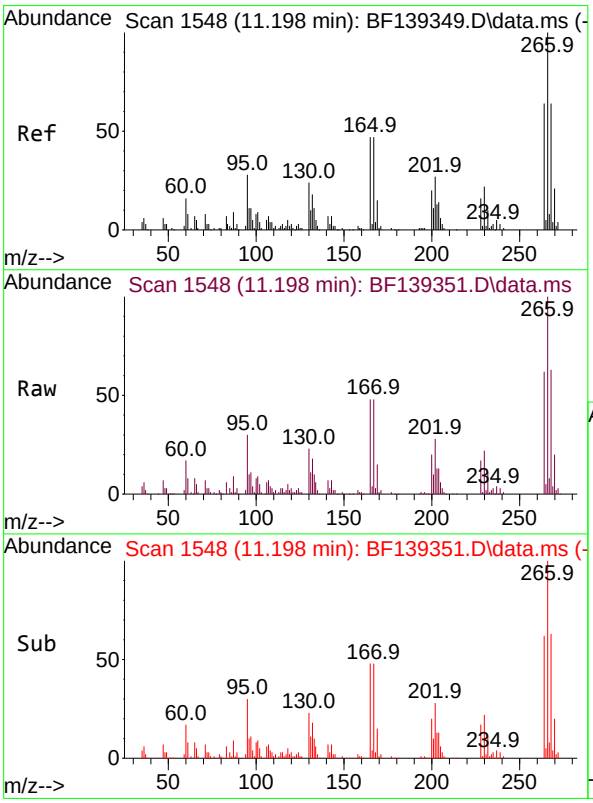
Ion	Ratio	Lower	Upper
200	100		
173	24.7	6.1	46.1
215	45.9	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

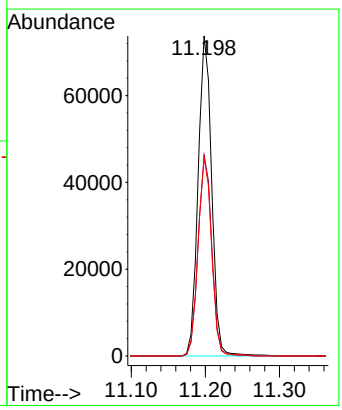
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

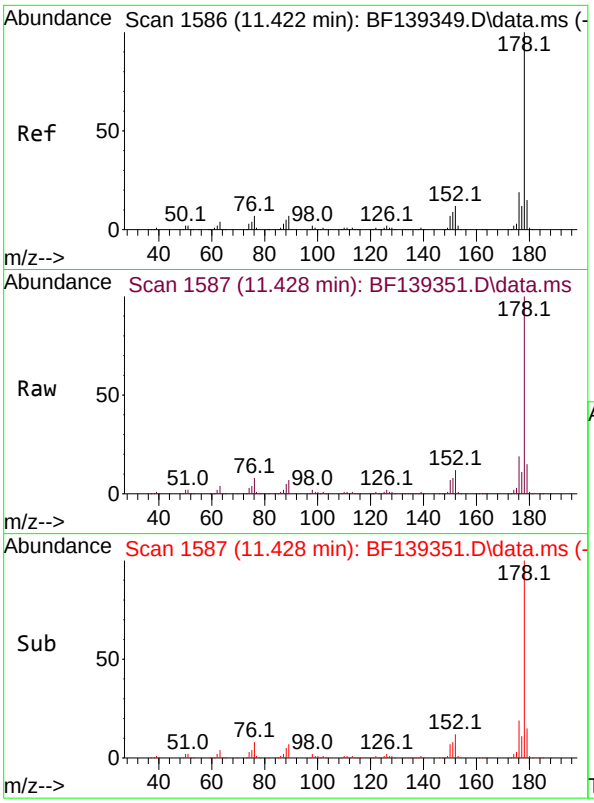


#70
Pentachlorophenol
Concen: 64.069 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:266 Resp: 93555

Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.9	51.4	77.0

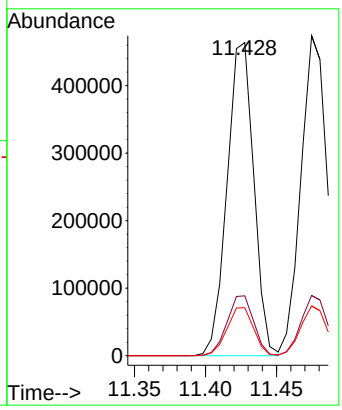




#71
Phenanthrene
Concen: 60.271 ng
RT: 11.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:178 Resp: 60843

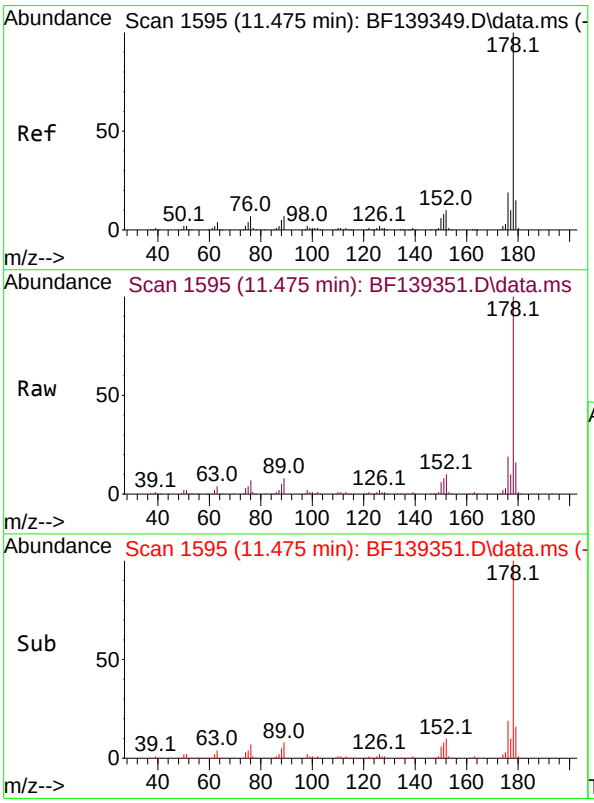
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

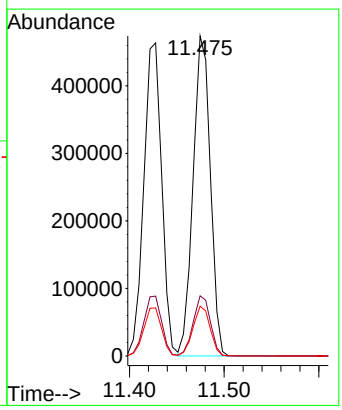
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

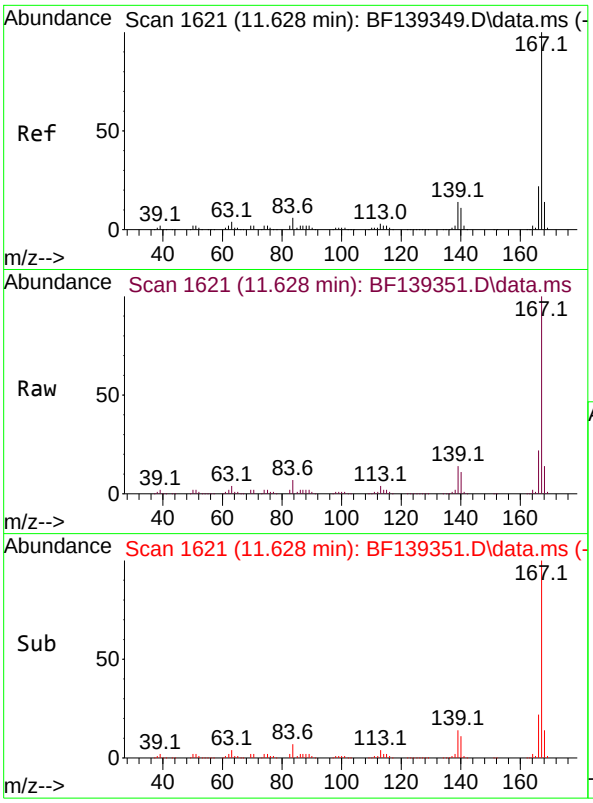


#72
Anthracene
Concen: 60.867 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:178 Resp: 600764

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.0	18.0

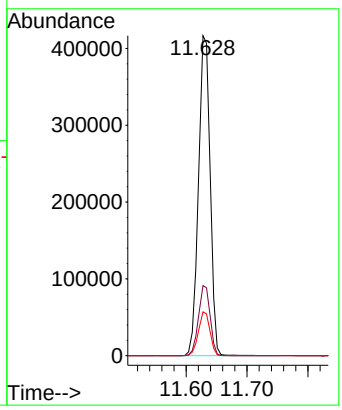




#73
Carbazole
Concen: 58.756 ng
RT: 11.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:167 Resp: 55504

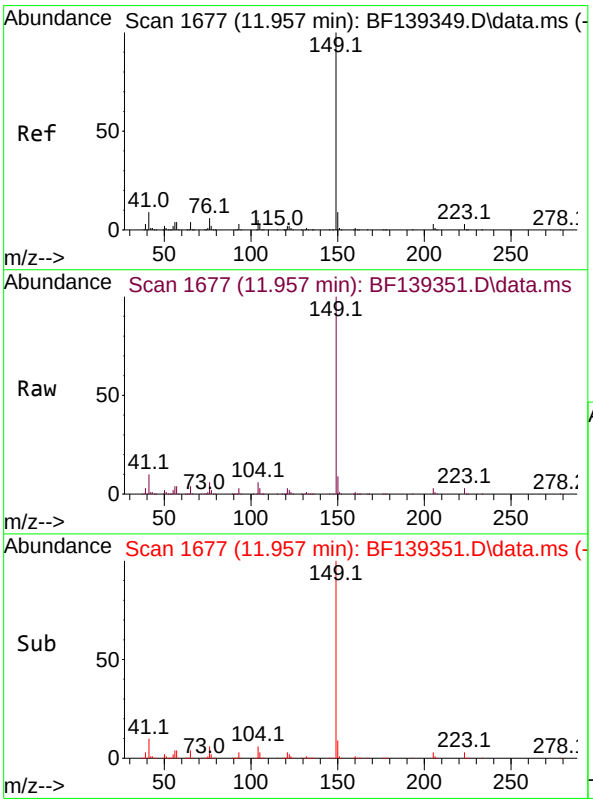
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

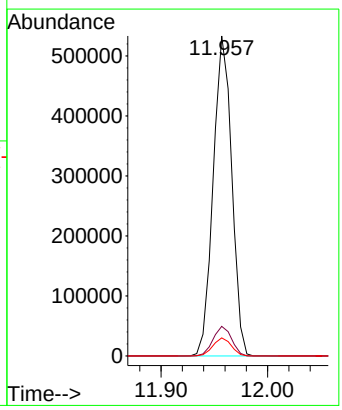
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

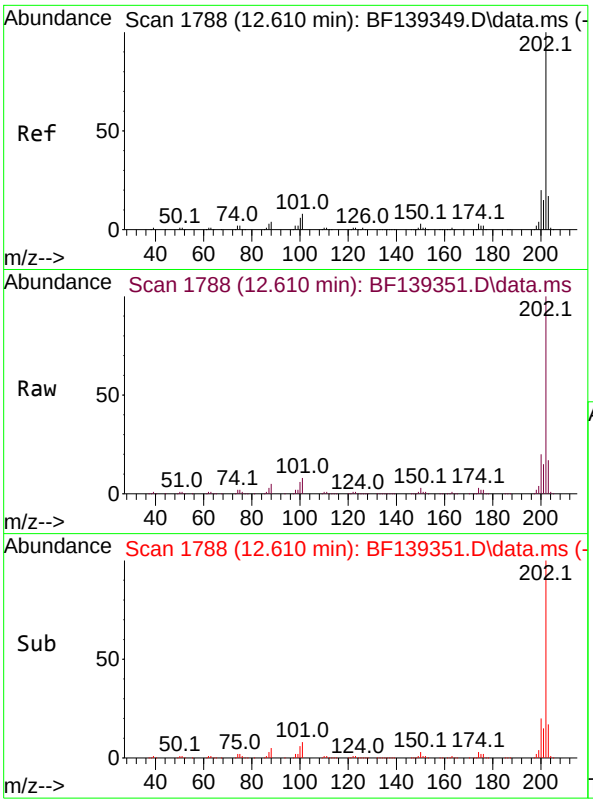


#74
Di-n-butylphthalate
Concen: 61.112 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 643092

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.6	4.3	6.5

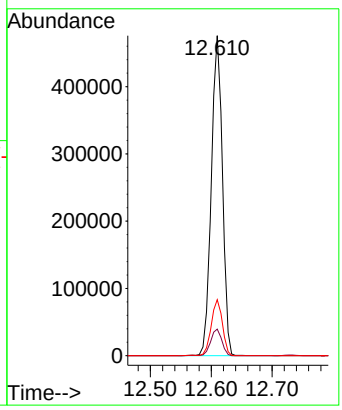




#75
Fluoranthene
Concen: 55.904 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:202 Resp: 60267

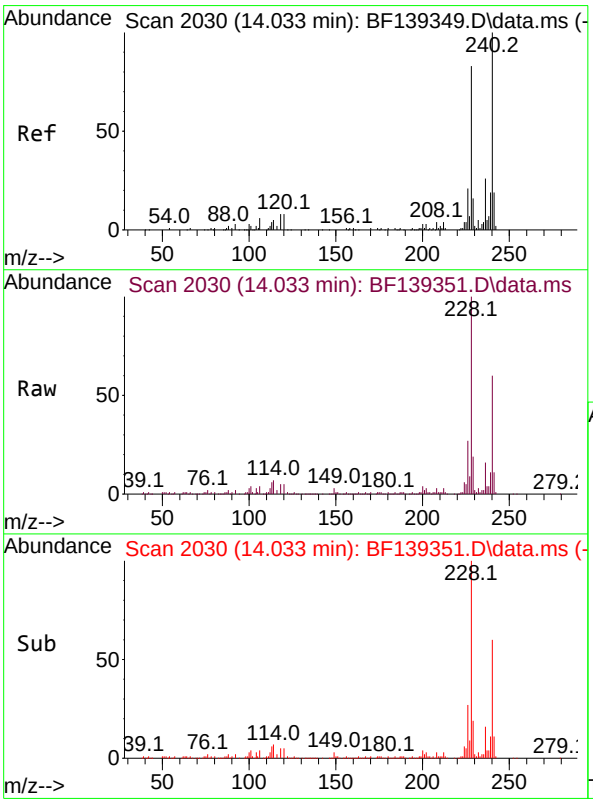
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	27.7
203	17.5	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

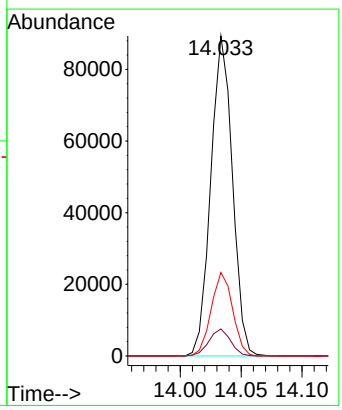
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

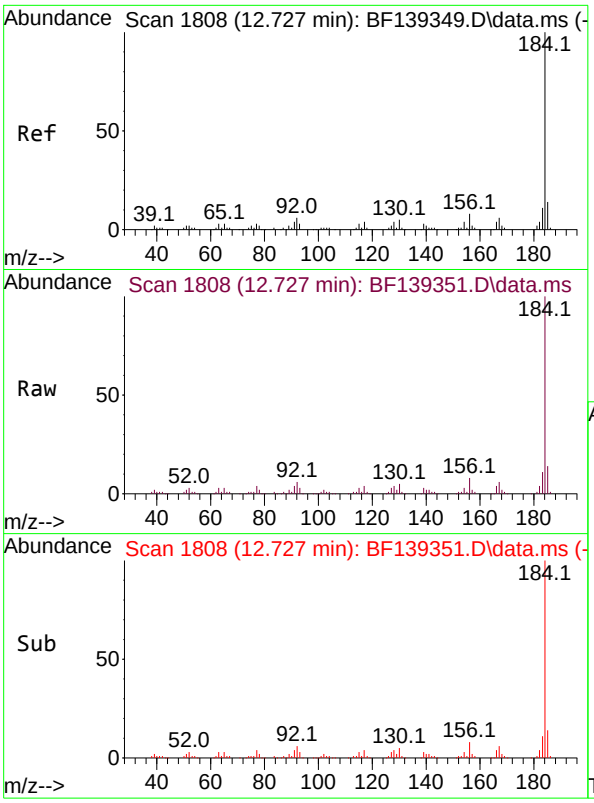


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:240 Resp: 110333

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.2	9.2
236	26.1	20.9	31.3

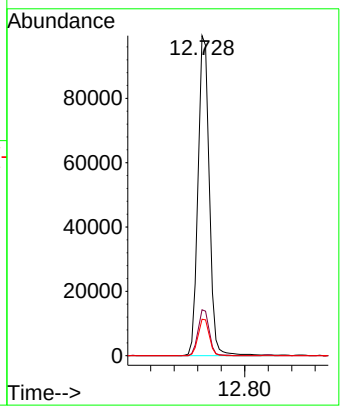




#77
Benzidine
Concen: 83.882 ng
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:184 Resp: 13259

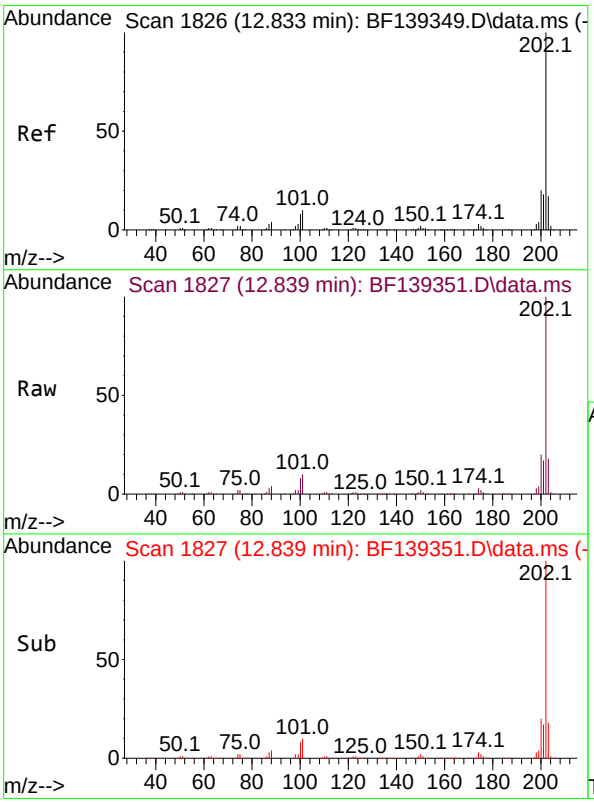
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.4	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

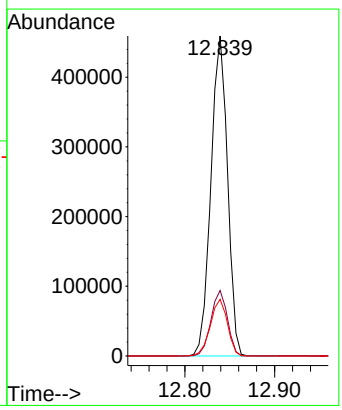
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

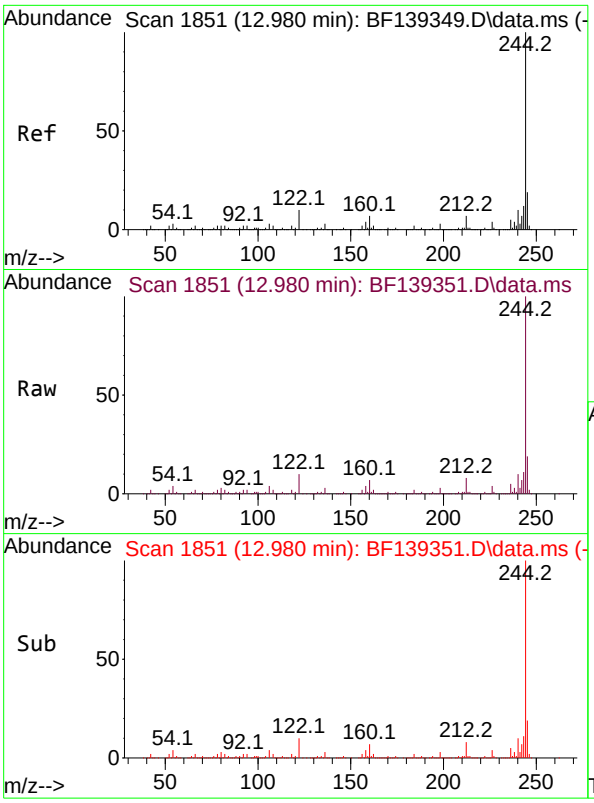


#78
Pyrene
Concen: 62.235 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:202 Resp: 589589

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.7	13.9	20.9

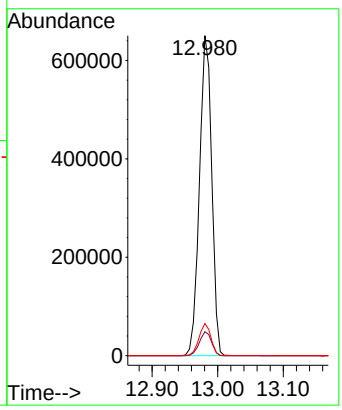




#79
Terphenyl-d14
Concen: 126.296 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:244 Resp: 84894

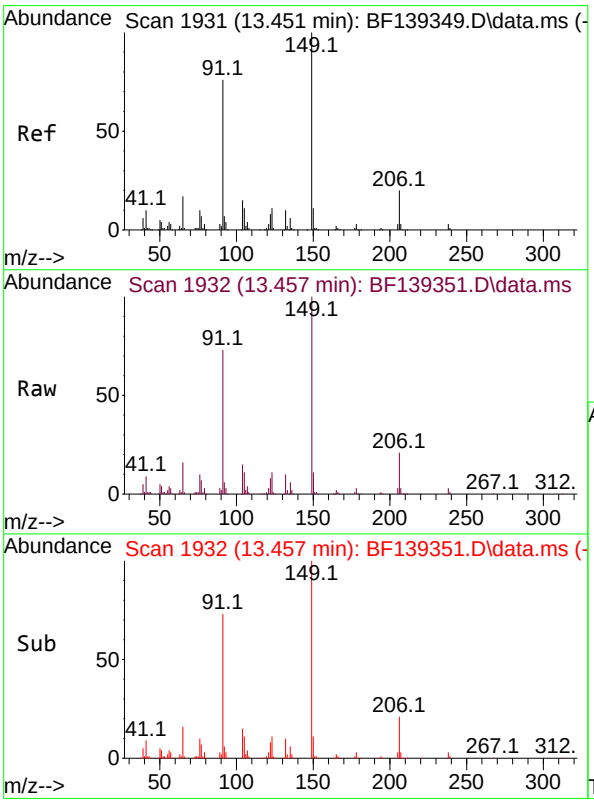
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.0	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

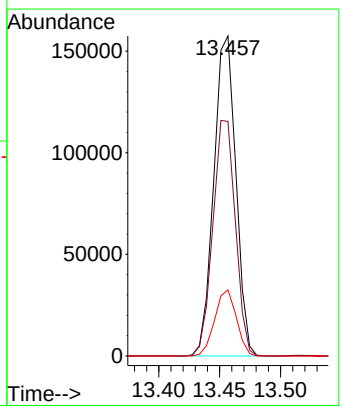
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

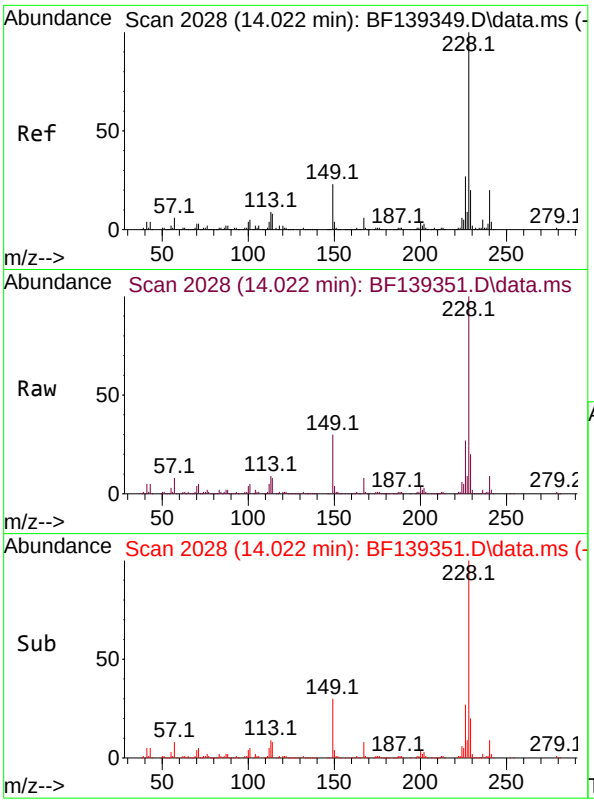


#80
Butylbenzylphthalate
Concen: 61.694 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 198939

Ion	Ratio	Lower	Upper
149	100		
91	73.3	60.9	91.3
206	20.7	15.8	23.8

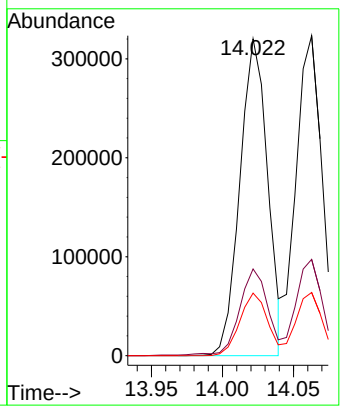




#81
Benzo(a)anthracene
Concen: 59.423 ng
RT: 14.022 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:228 Resp: 43429

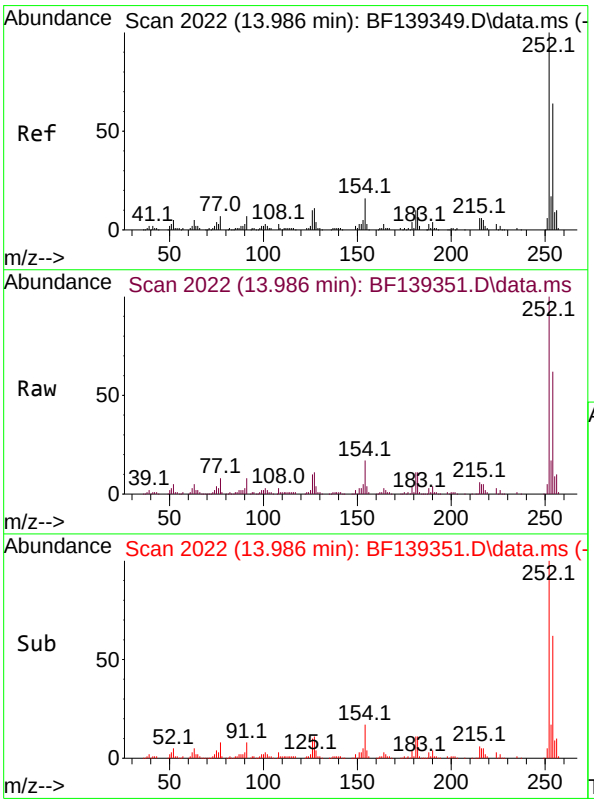
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.7	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

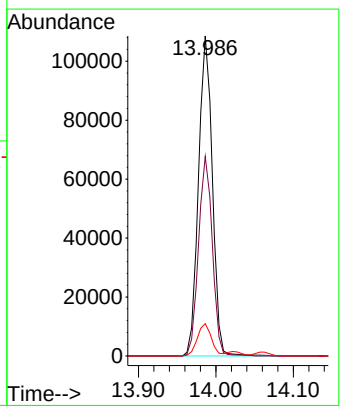
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

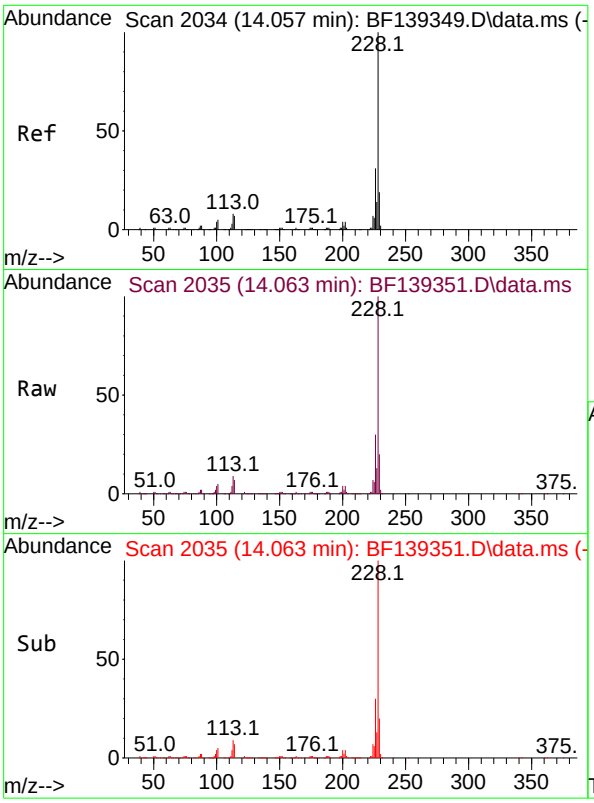


#82
3,3'-Dichlorobenzidine
Concen: 63.146 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:252 Resp: 135151

Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.4	77.2
126	10.1	7.7	11.5





#83
Chrysene
Concen: 61.151 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

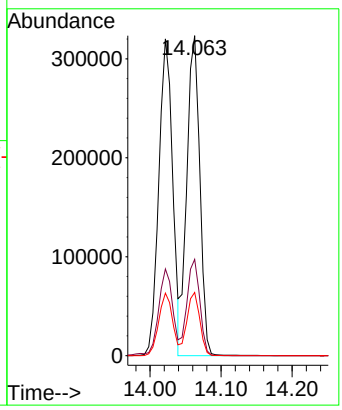
Tgt Ion:228 Resp: 41116

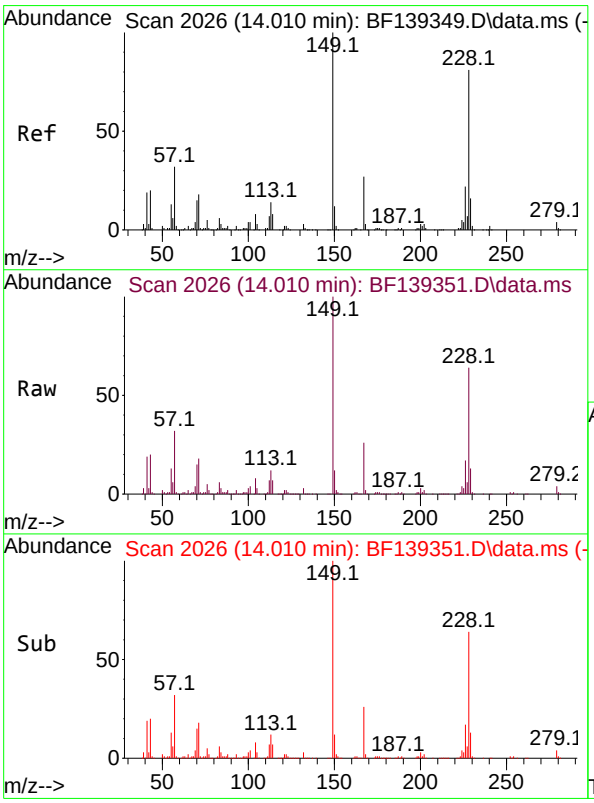
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.4	23.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

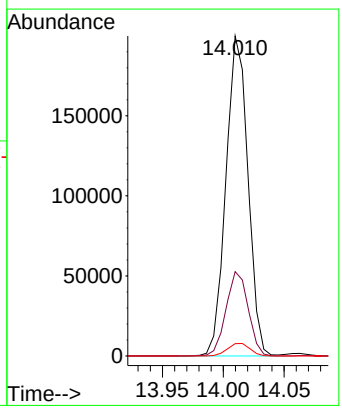


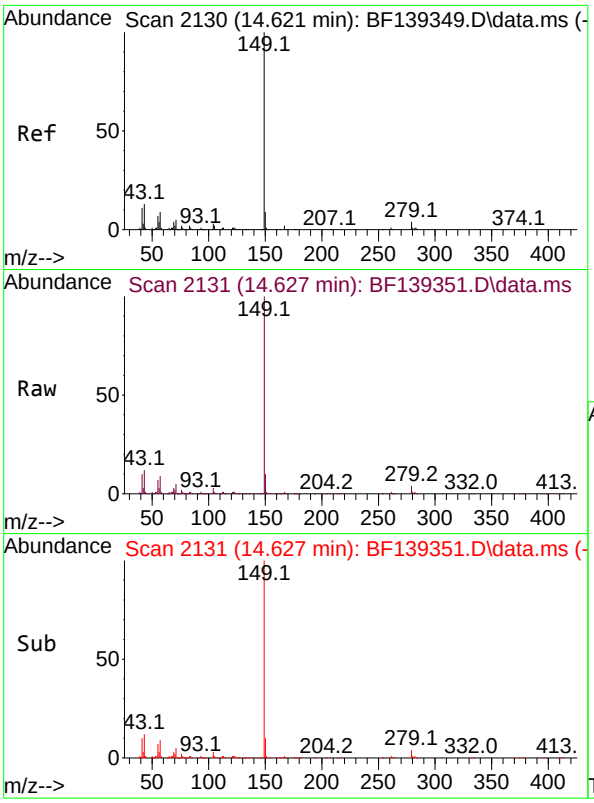


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.398 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 251863

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.6	32.4
279	3.9	3.3	4.9

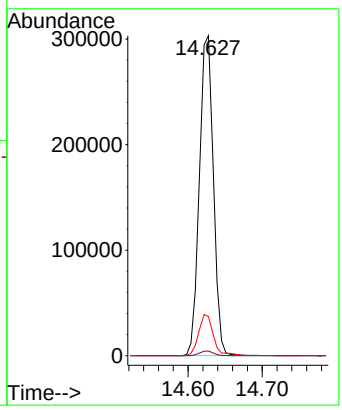




#85
Di-n-octyl phthalate
Concen: 65.952 ng
RT: 14.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 39843

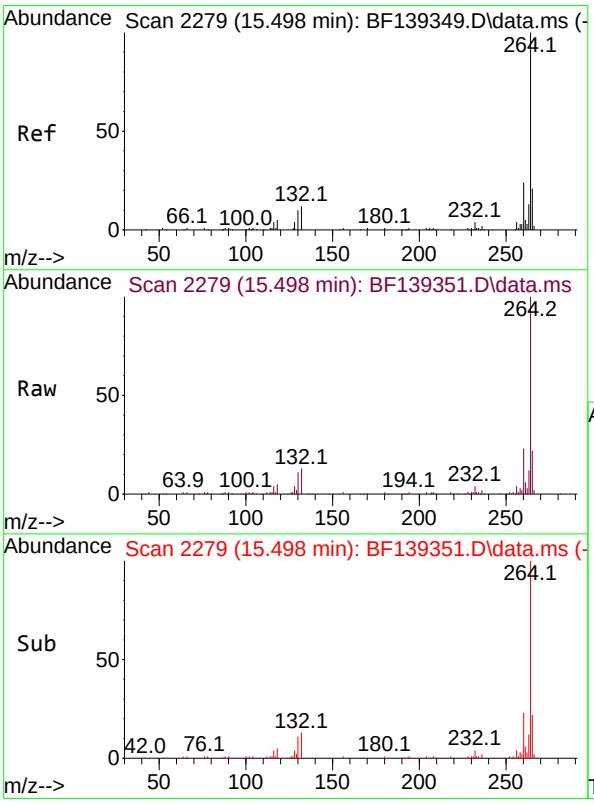
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

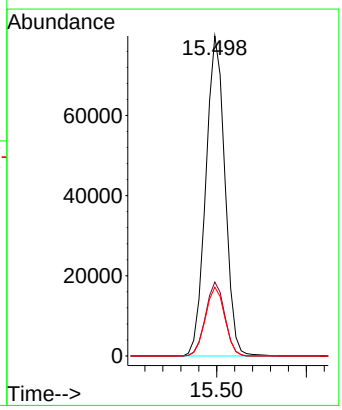
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

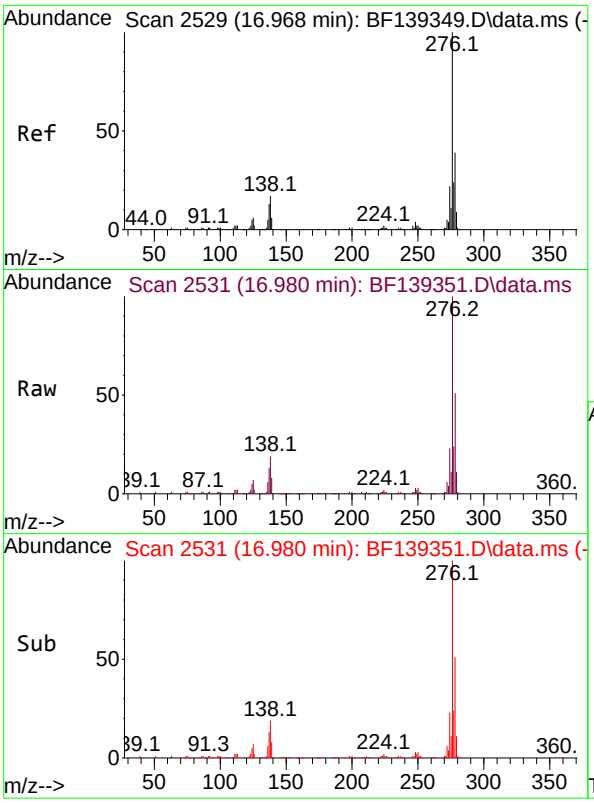


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:264 Resp: 118195

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.5	16.6	25.0

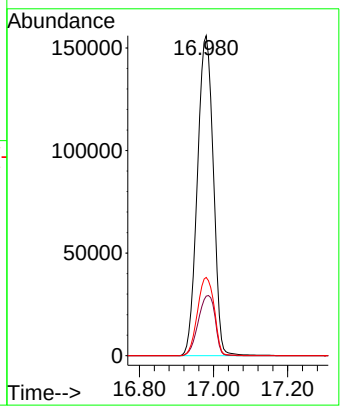




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.249 ng
RT: 16.980 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:276 Resp: 46561

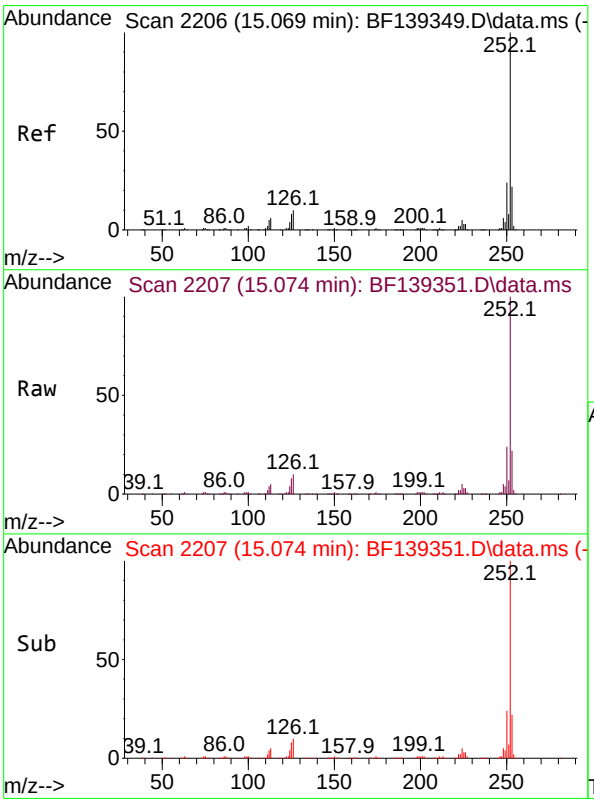
Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.4	23.2
277	25.6	20.4	30.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

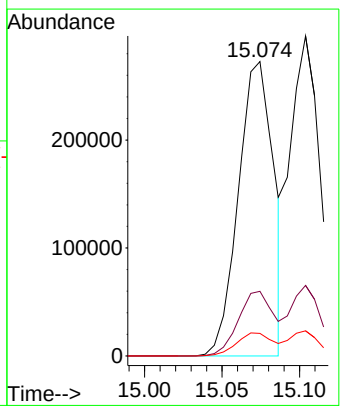
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

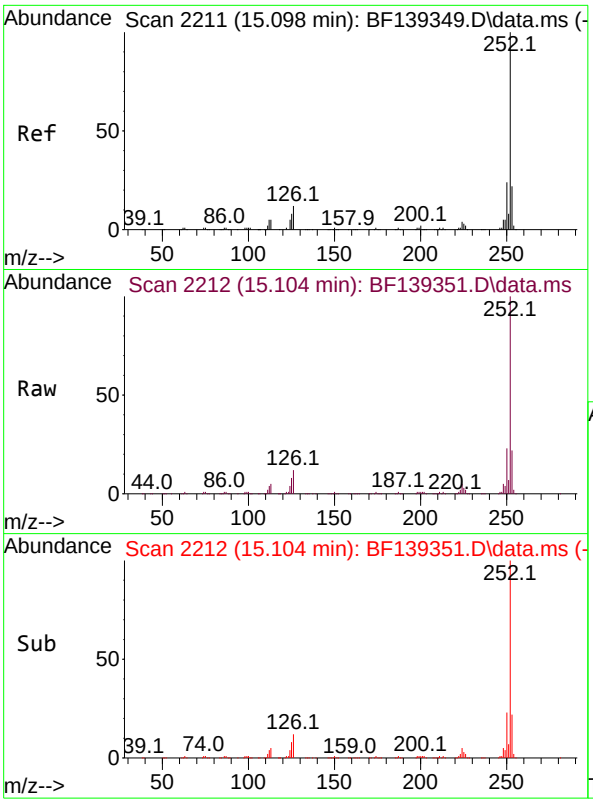


#88
Benzo(b)fluoranthene
Concen: 59.133 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:252 Resp: 431051

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	7.7	6.2	9.2

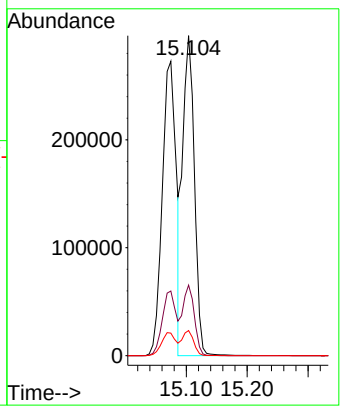




#89
Benzo(k)fluoranthene
Concen: 59.285 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:252 Resp: 39846

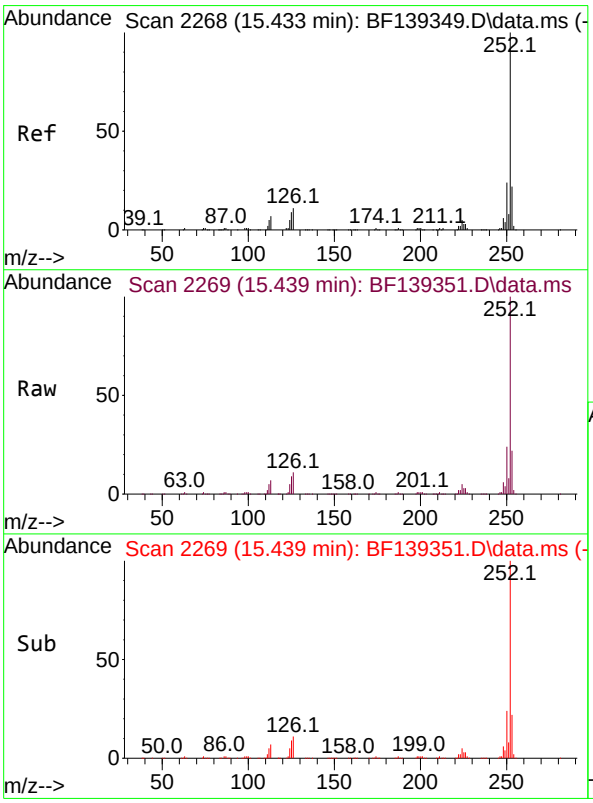
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	7.9	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

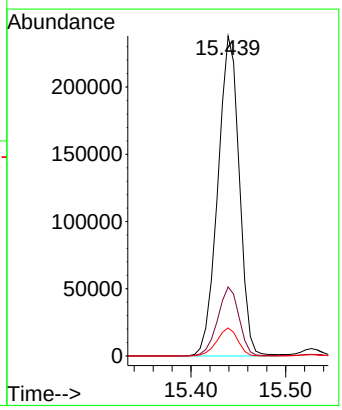
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

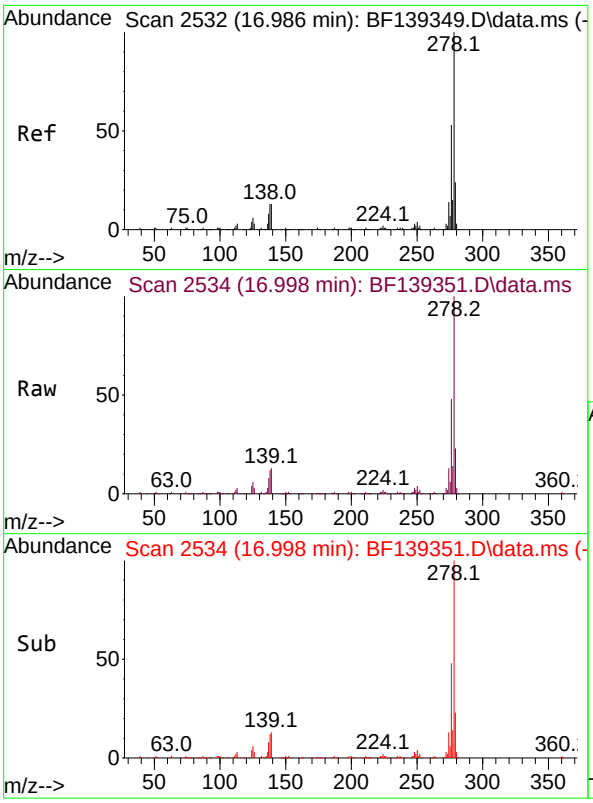


#90
Benzo(a)pyrene
Concen: 61.920 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:252 Resp: 374337

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.7	6.8	10.2

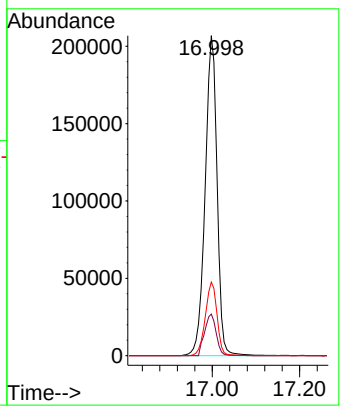




#91
Dibenzo(a,h)anthracene
Concen: 67.730 ng
RT: 16.998 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:278 Resp: 39334

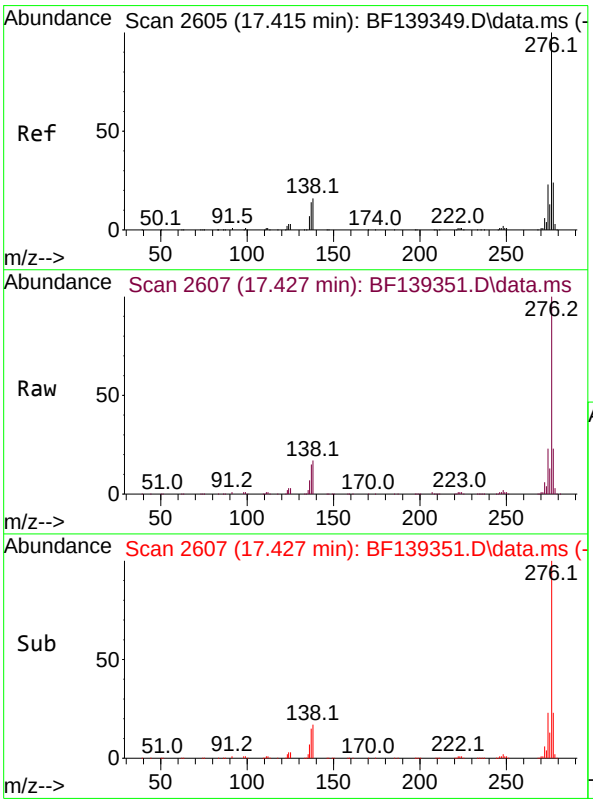
Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.2	15.2
279	23.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

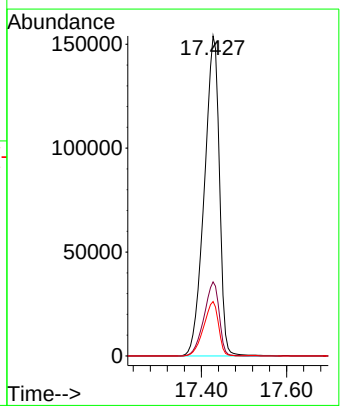
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#92
Benzo(g,h,i)perylene
Concen: 65.709 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:276 Resp: 377847

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	17.0	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139352.D
Acq On : 13 Sep 2024 19:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 02:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	66119	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	232989	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	126997	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	229453	20.000	ng		0.00
76) Chrysene-d12	14.039	240	124546	20.000	ng		0.00
86) Perylene-d12	15.504	264	139312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	633503	156.303	ng		0.00
7) Phenol-d6	6.522	99	822389	154.588	ng		0.02
23) Nitrobenzene-d5	7.457	82	798383	161.094	ng		0.01
42) 2,4,6-Tribromophenol	10.710	330	213033	157.565	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	1406634	155.345	ng		0.00
79) Terphenyl-d14	12.986	244	1145648	150.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	121659	74.817	ng		98
3) Pyridine	3.416	79	267063	74.491	ng		100
4) n-Nitrosodimethylamine	3.404	42	243418	78.334	ng		98
8) 2-Chlorophenol	6.675	128	325178	77.941	ng		99
10) Phenol	6.539	94	411917	76.024	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	451406m	109.614	ng		
12) 1,3-Dichlorobenzene	6.822	146	362380	76.374	ng		99
13) 1,4-Dichlorobenzene	6.898	146	370525	77.276	ng		99
14) 1,2-Dichlorobenzene	7.057	146	348175	76.848	ng		100
15) Benzyl Alcohol	7.028	79	326000	76.809	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	474109	74.703	ng		90
17) 2-Methylphenol	7.139	107	259635	78.327	ng		98
18) Hexachloroethane	7.392	117	141097	77.259	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	248365	78.784	ng		99
20) 3+4-Methylphenols	7.298	107	351953	77.825	ng		93
22) Acetophenone	7.298	105	479979	78.801	ng	#	98
24) Nitrobenzene	7.475	77	401035	78.622	ng		99
25) Isophorone	7.710	82	617892	78.833	ng		100
26) 2-Nitrophenol	7.781	139	168044	84.561	ng		100
27) 2,4-Dimethylphenol	7.822	122	206020	78.593	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	355128	79.499	ng		98
29) 2,4-Dichlorophenol	8.028	162	264087	79.303	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	303204	78.143	ng		99
31) Naphthalene	8.186	128	963320	79.198	ng		99
32) Benzoic acid	7.981	122	215219m	87.390	ng		
33) 4-Chloroaniline	8.257	127	272843	73.324	ng		100
34) Hexachlorobutadiene	8.298	225	202793	76.928	ng		100
35) Caprolactam	8.639	113	81832	79.884	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	305192	80.190	ng		99
37) 2-Methylnaphthalene	8.880	142	606883	78.607	ng		100
38) 1-Methylnaphthalene	8.975	142	599493	79.092	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	298724	79.368	ng		99
41) Hexachlorocyclopentadiene	9.027	237	95184	72.430	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	195054	79.656	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	208100	80.566	ng		98
46) 1,1'-Biphenyl	9.345	154	766437	78.446	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139352.D
Acq On : 13 Sep 2024 19:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.369	162	582318	79.713	ng	99
48) 2-Nitroaniline	9.463	65	223259	82.167	ng	97
49) Acenaphthylene	9.780	152	868138	78.947	ng	100
50) Dimethylphthalate	9.651	163	652879	78.326	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150724	81.625	ng	99
52) Acenaphthene	9.957	154	617018	80.396	ng	100
53) 3-Nitroaniline	9.880	138	135147	73.235	ng	95
54) 2,4-Dinitrophenol	9.980	184	92861	95.931	ng	94
55) Dibenzofuran	10.127	168	830718	77.658	ng	98
56) 4-Nitrophenol	10.033	139	120683	79.034	ng	92
57) 2,4-Dinitrotoluene	10.110	165	202984	81.422	ng	94
58) Fluorene	10.469	166	683097	78.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167088	78.199	ng	99
60) Diethylphthalate	10.345	149	676646	78.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	337209	79.499	ng	98
62) 4-Nitroaniline	10.498	138	146728	72.852	ng	99
63) Azobenzene	10.622	77	664983	78.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109579	90.485	ng	96
66) n-Nitrosodiphenylamine	10.580	169	551600	82.225	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	189144	83.184	ng	99
68) Hexachlorobenzene	11.010	284	217457	81.487	ng	98
69) Atrazine	11.104	200	105161	65.847	ng	97
70) Pentachlorophenol	11.204	266	132585	82.799	ng	99
71) Phenanthrene	11.427	178	865088	78.146	ng	99
72) Anthracene	11.480	178	846379	78.198	ng	100
73) Carbazole	11.633	167	762939	73.649	ng	99
74) Di-n-butylphthalate	11.963	149	890092	77.132	ng	100
75) Fluoranthene	12.610	202	809435	68.469	ng	98
77) Benzidine	12.733	184	166381	93.243	ng	99
78) Pyrene	12.839	202	820624	76.737	ng	99
80) Butylbenzylphthalate	13.457	149	287851	79.080	ng	98
81) Benzo(a)anthracene	14.027	228	656134	79.532	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197966	81.940	ng	99
83) Chrysene	14.062	228	600714	79.146	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	367918	79.454	ng	100
85) Di-n-octyl phthalate	14.627	149	612797	89.860	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	691200	83.439	ng	99
88) Benzo(b)fluoranthene	15.080	252	670084	77.990	ng	100
89) Benzo(k)fluoranthene	15.109	252	601230	75.894	ng	99
90) Benzo(a)pyrene	15.445	252	567157	79.594	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	578214	84.470	ng	100
92) Benzo(g,h,i)perylene	17.439	276	547299	80.751	ng	99

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

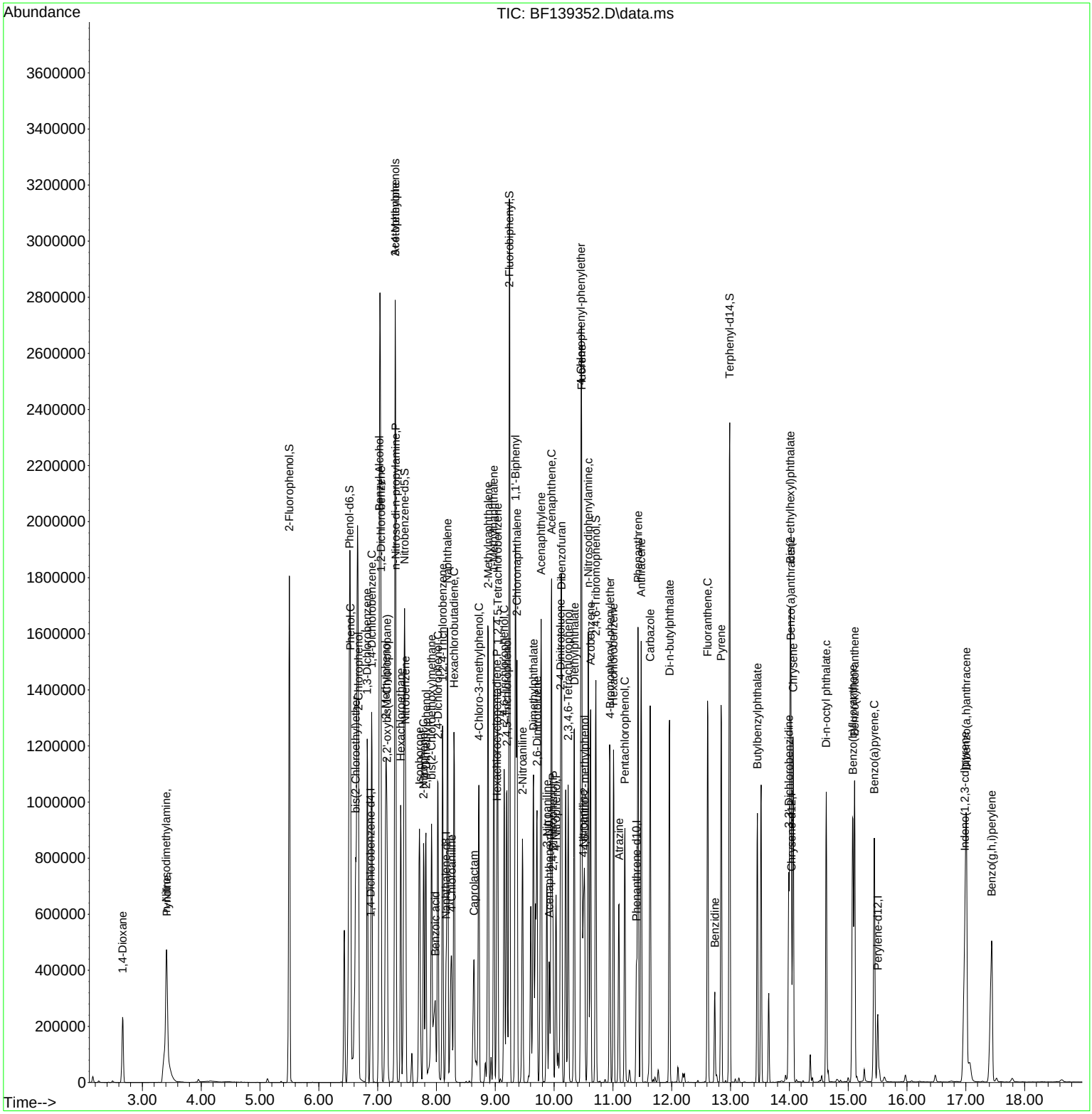
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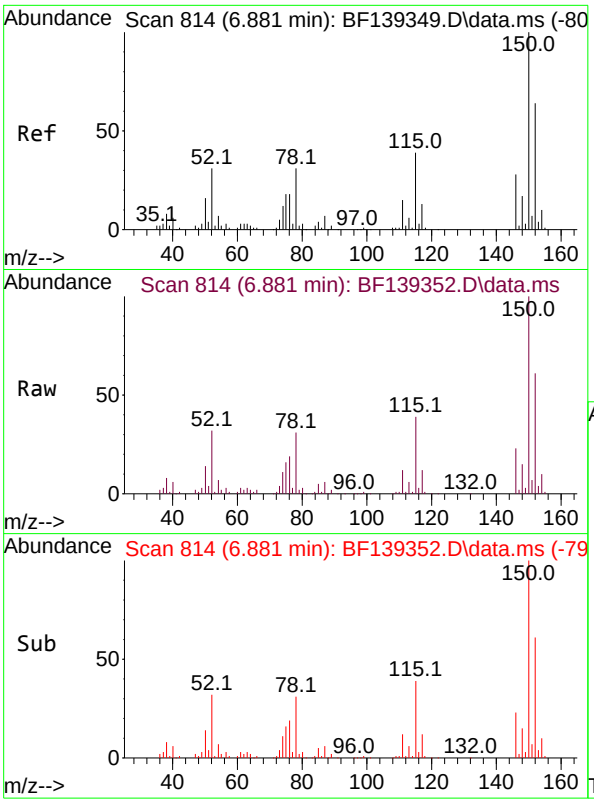
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139352.D
Acq On : 13 Sep 2024 19:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 02:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

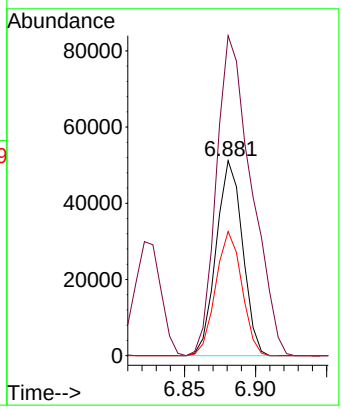




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:152 Resp: 6611

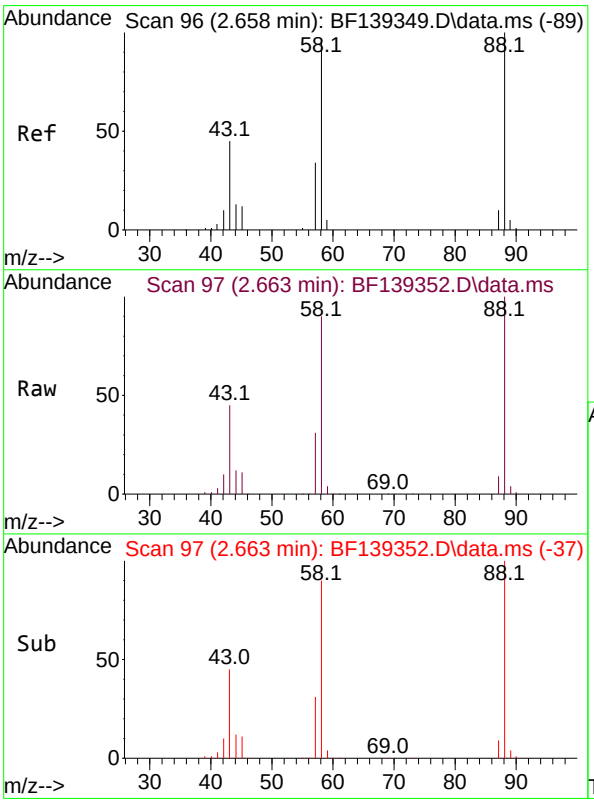
Ion	Ratio	Lower	Upper
152	100		
150	164.1	124.1	186.1
115	63.7	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

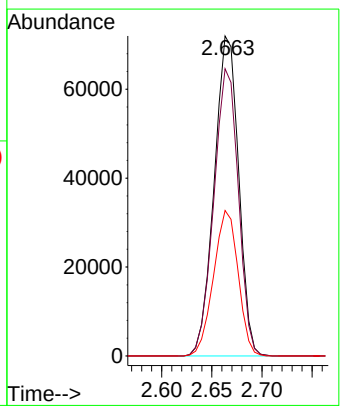
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

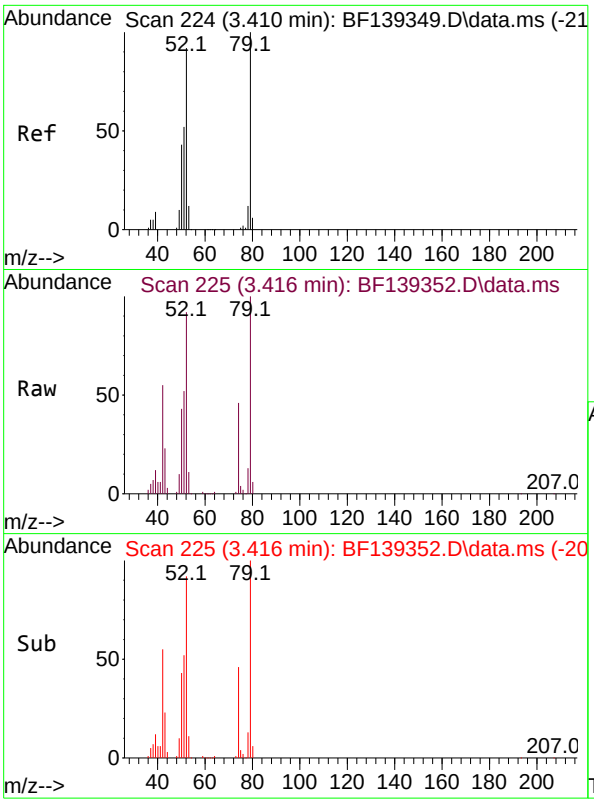


#2
1,4-Dioxane
Concen: 74.817 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 88 Resp: 121659

Ion	Ratio	Lower	Upper
88	100		
58	90.2	74.8	112.2
43	45.8	36.4	54.6





#3
Pyridine
Concen: 74.491 ng
RT: 3.416 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

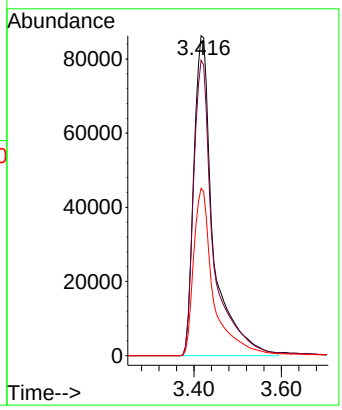
Tgt Ion: 79 Resp: 26706

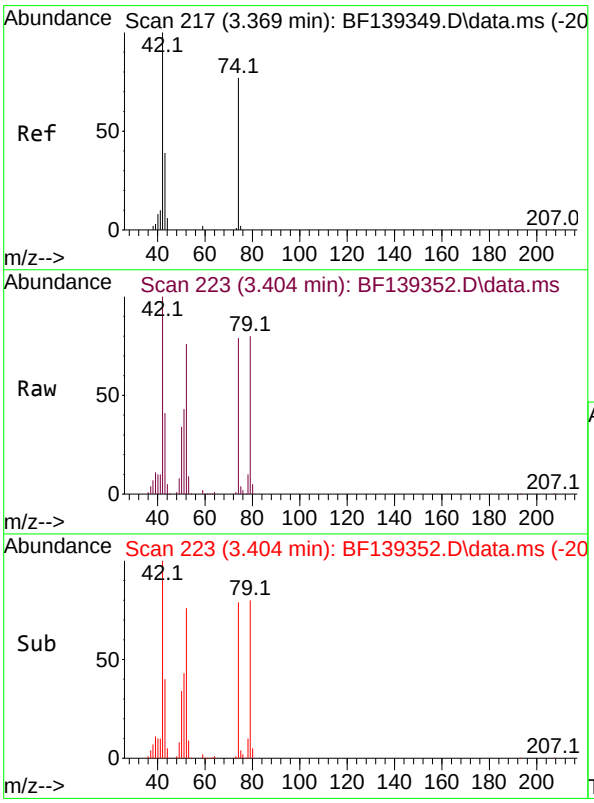
Ion	Ratio	Lower	Upper
79	100		
52	92.2	73.8	110.8
51	52.3	41.8	62.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

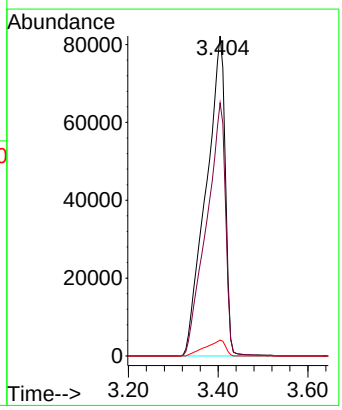


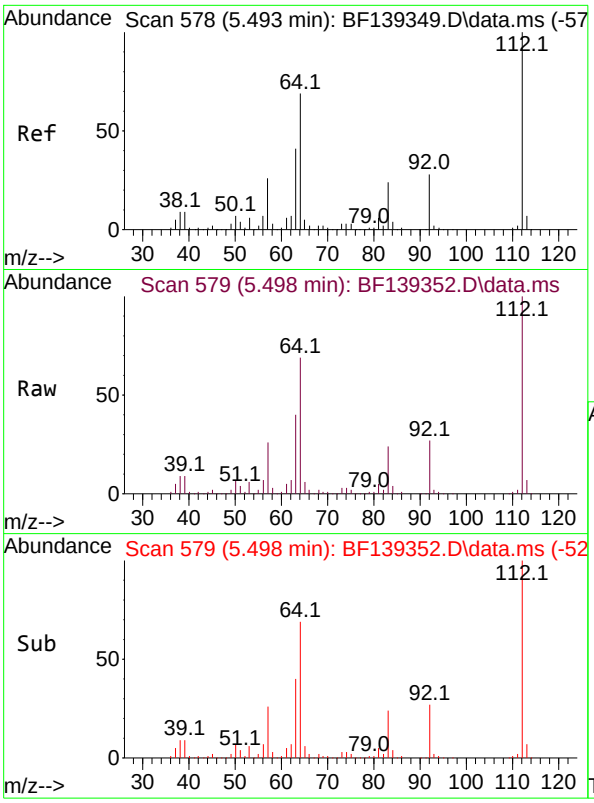


#4
n-Nitrosodimethylamine
Concen: 78.334 ng
RT: 3.404 min Scan# 223
Delta R.T. 0.035 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 42 Resp: 243418

Ion	Ratio	Lower	Upper
42	100		
74	79.1	61.8	92.8
44	5.0	4.8	7.2

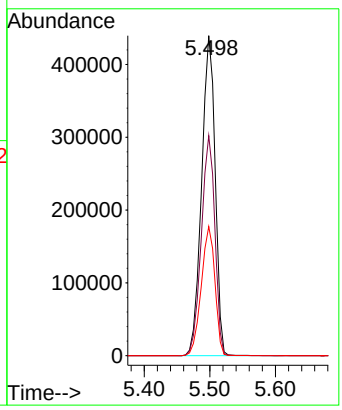




#5
2-Fluorophenol
Concen: 156.303 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:112 Resp: 63350

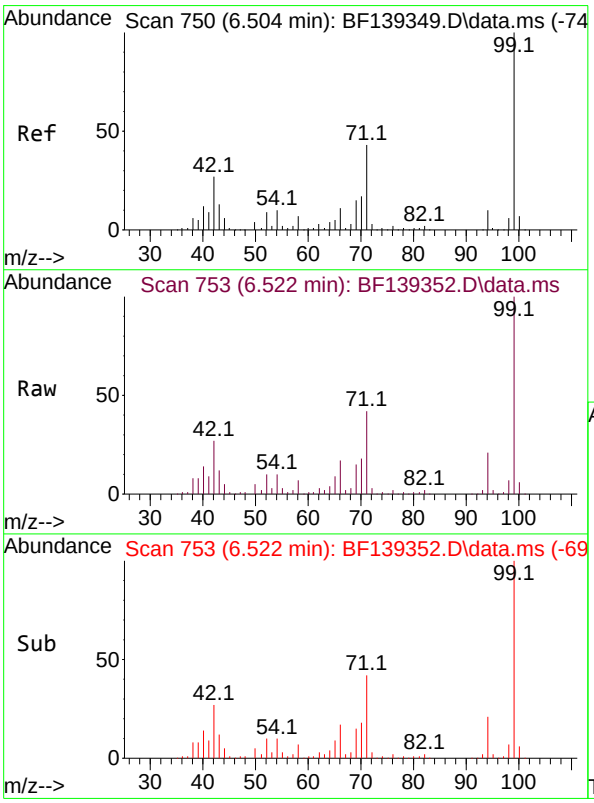
Ion	Ratio	Lower	Upper
112	100		
64	68.7	54.8	82.2
63	40.4	33.0	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

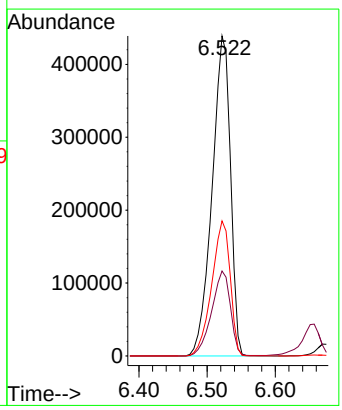
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

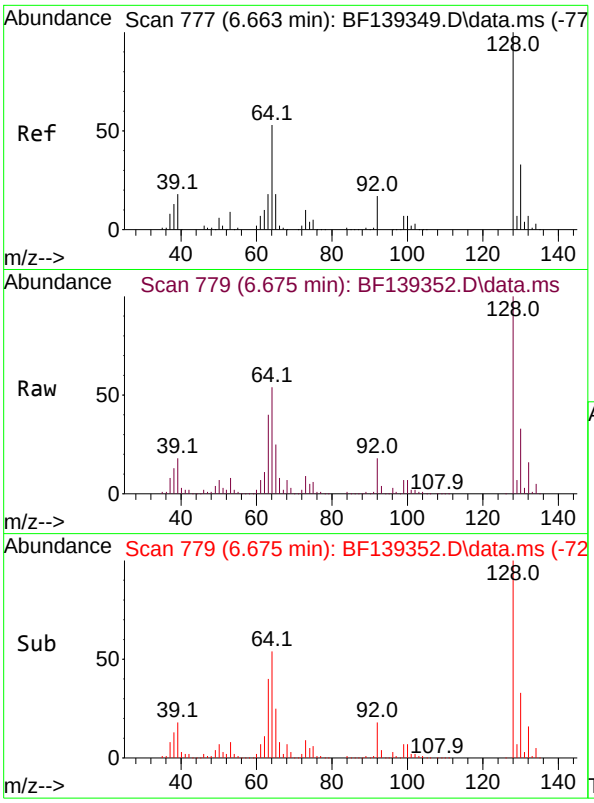


#7
Phenol-d6
Concen: 154.588 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 99 Resp: 822389

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.9	32.9
71	42.2	34.6	52.0

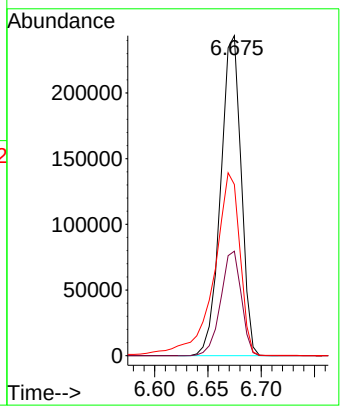




#8
2-Chlorophenol
Concen: 77.941 ng
RT: 6.675 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:128 Resp: 32517

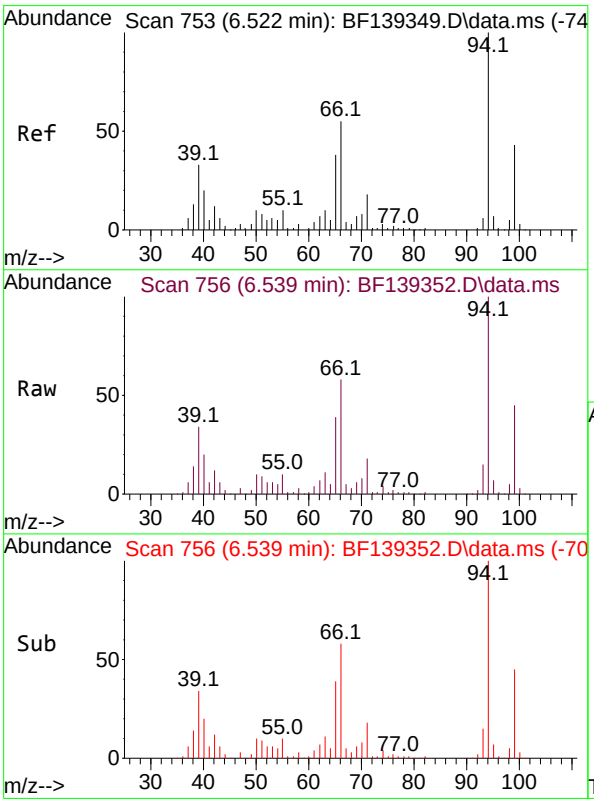
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	53.5	35.1	75.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

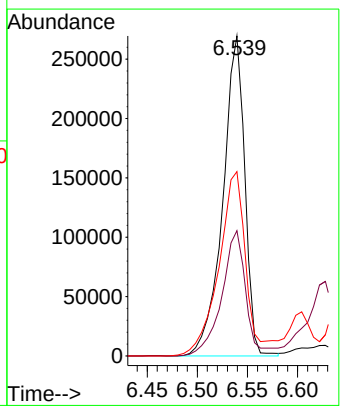
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

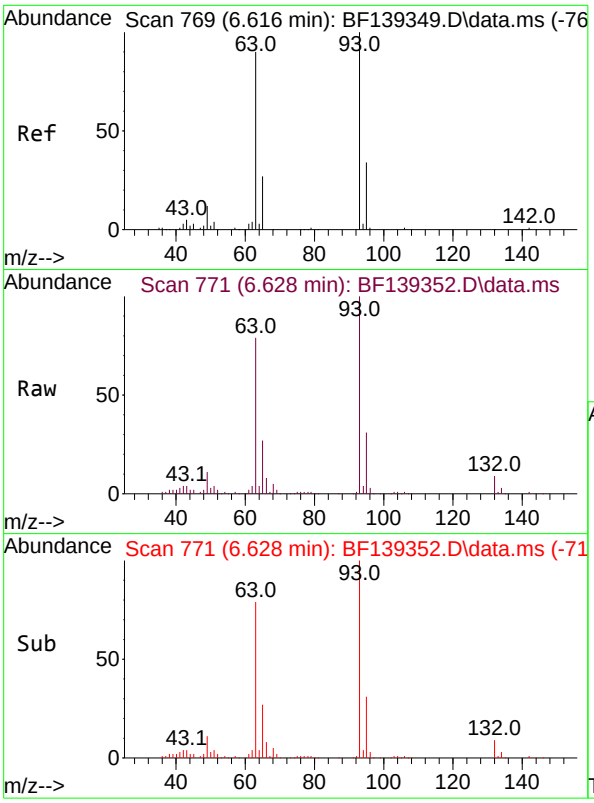


#10
Phenol
Concen: 76.024 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 94 Resp: 411917

Ion	Ratio	Lower	Upper
94	100		
65	39.1	17.6	57.6
66	57.6	35.2	75.2

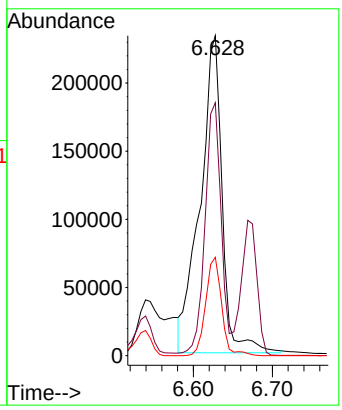




#11
bis(2-Chloroethyl)ether
Concen: 109.614 ng m
RT: 6.628 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 93 Resp: 45140

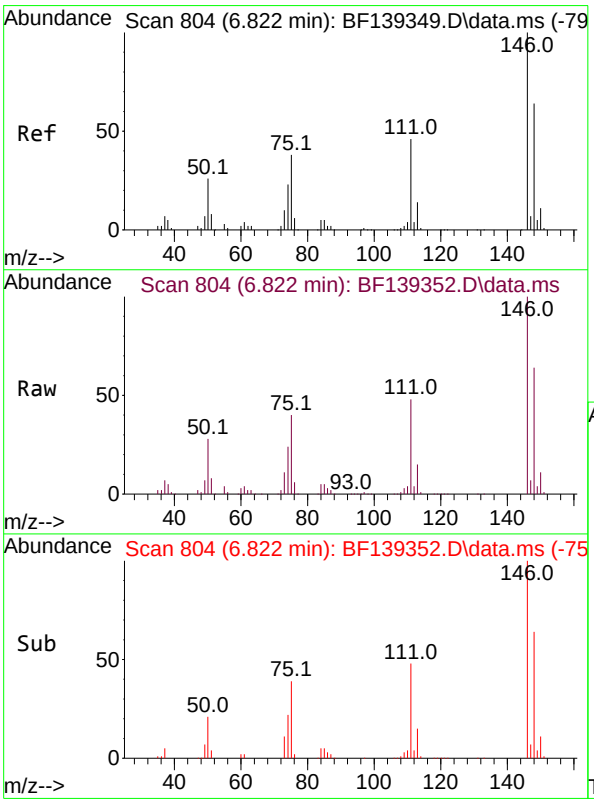
Ion	Ratio	Lower	Upper
93	100		
63	79.1	65.3	105.3
95	30.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

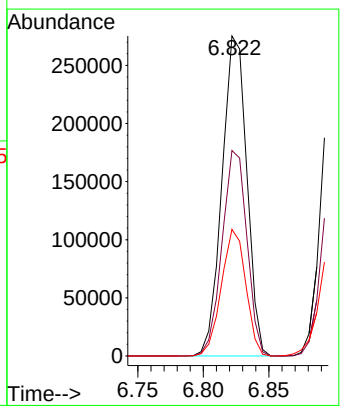
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

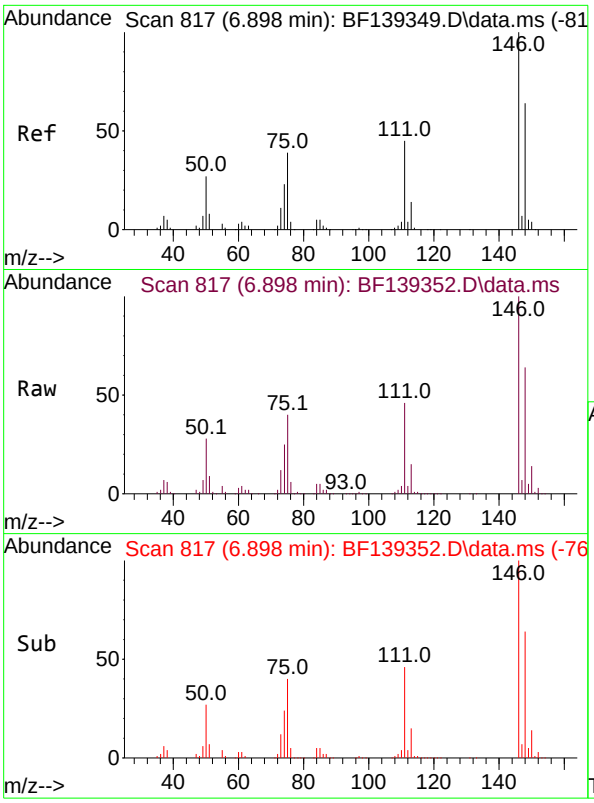


#12
1,3-Dichlorobenzene
Concen: 76.374 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:146 Resp: 362380

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	39.6	30.6	46.0

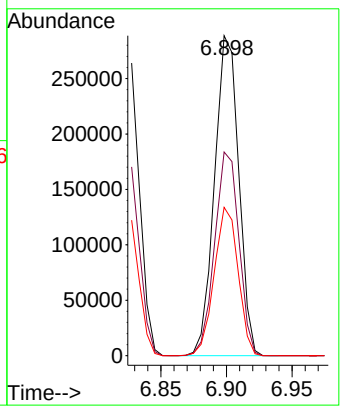




#13
1,4-Dichlorobenzene
Concen: 77.276 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:146 Resp: 37052

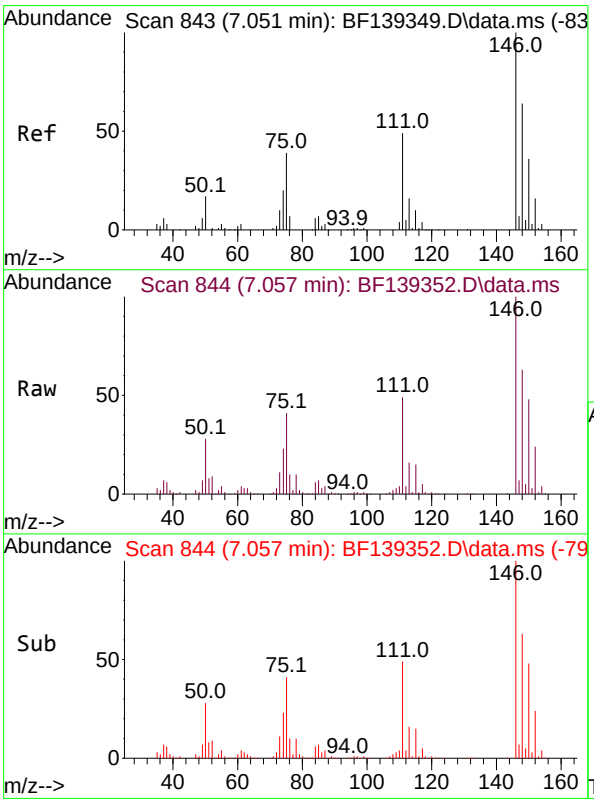
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	46.4	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

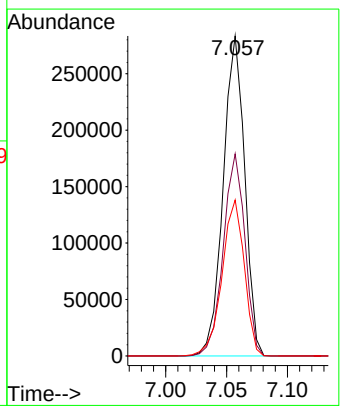
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

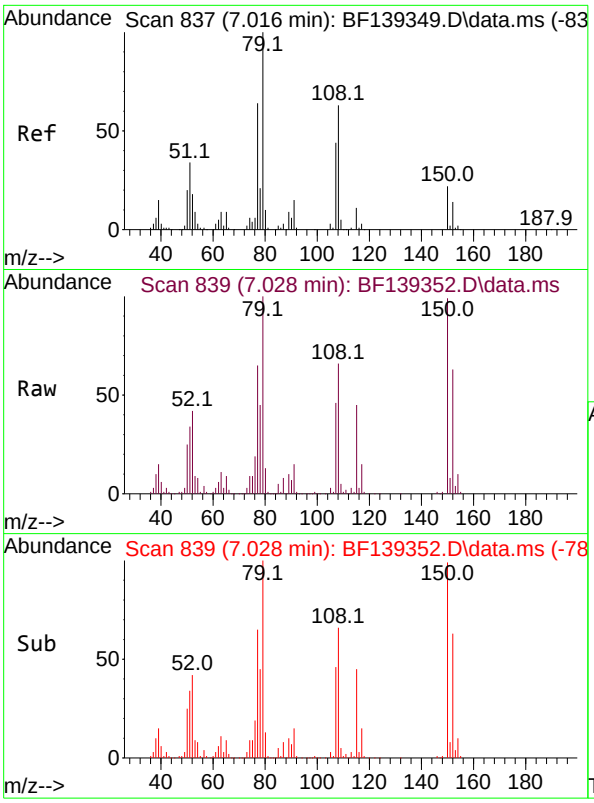


#14
1,2-Dichlorobenzene
Concen: 76.848 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:146 Resp: 348175

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
111	48.7	38.9	58.3

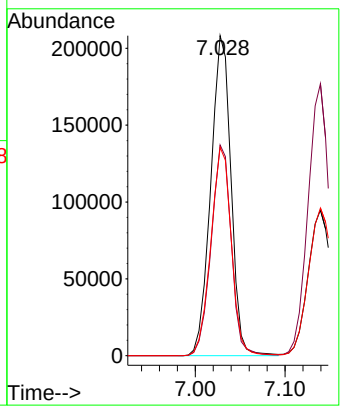




#15
Benzyl Alcohol
Concen: 76.809 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 79 Resp: 32600

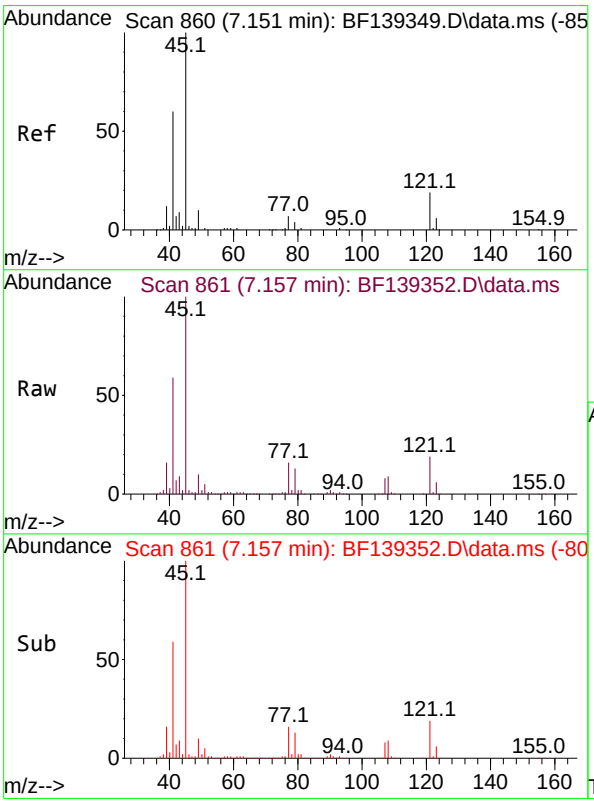
Ion	Ratio	Lower	Upper
79	100		
108	65.8	50.4	75.6
77	65.1	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

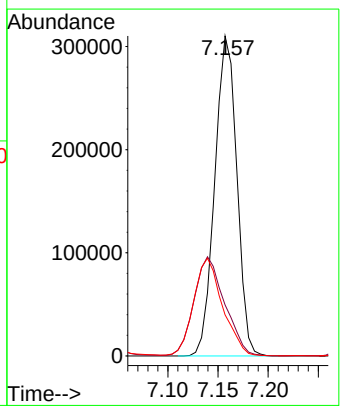
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

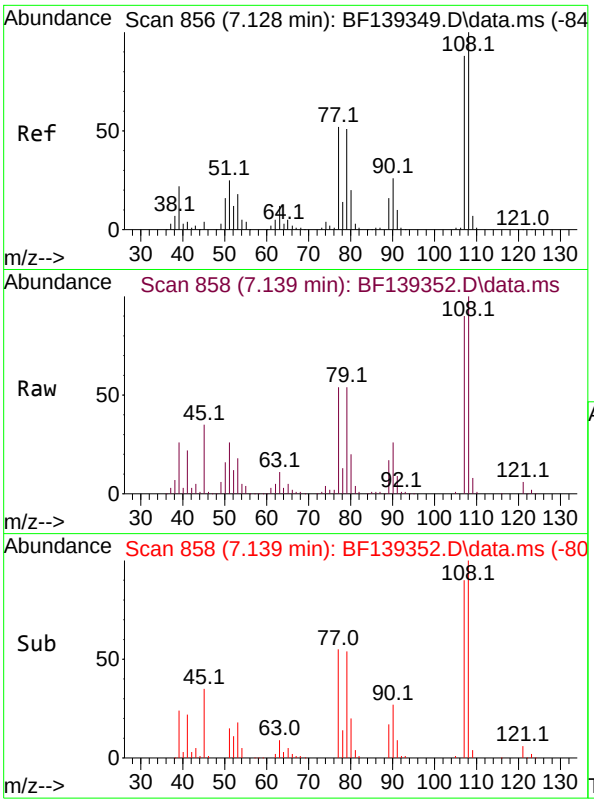


#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.703 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 45 Resp: 474109

Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	32.0
79	12.9	0.0	29.1

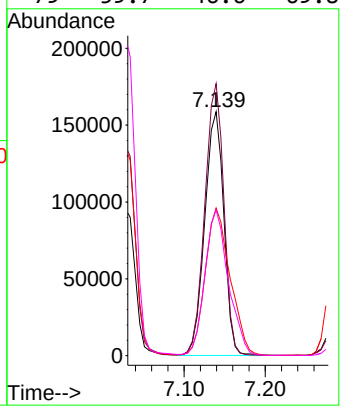




#17
2-Methylphenol
Concen: 78.327 ng
RT: 7.139 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:107 Resp: 25963

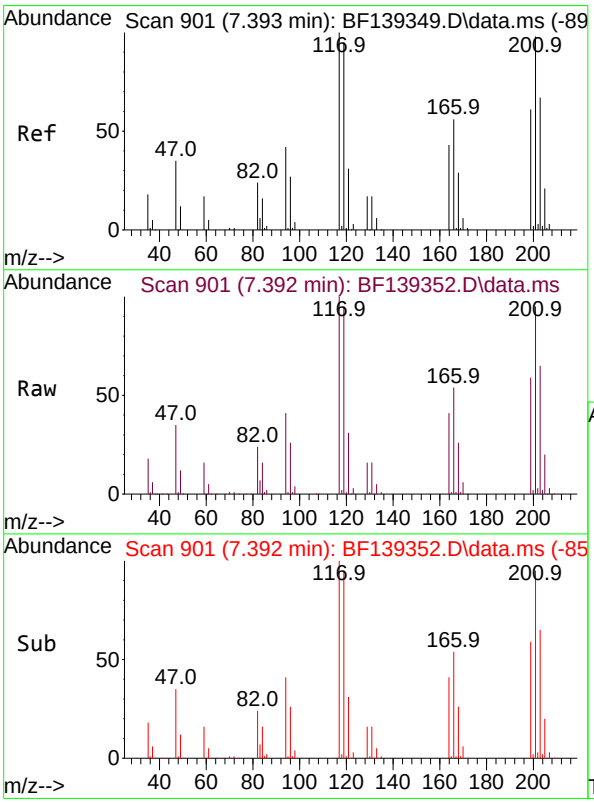
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.5	135.7
77	60.6	47.1	70.7
79	59.7	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

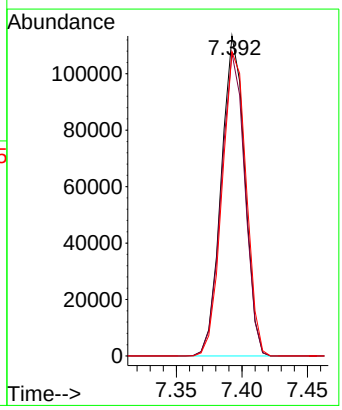
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

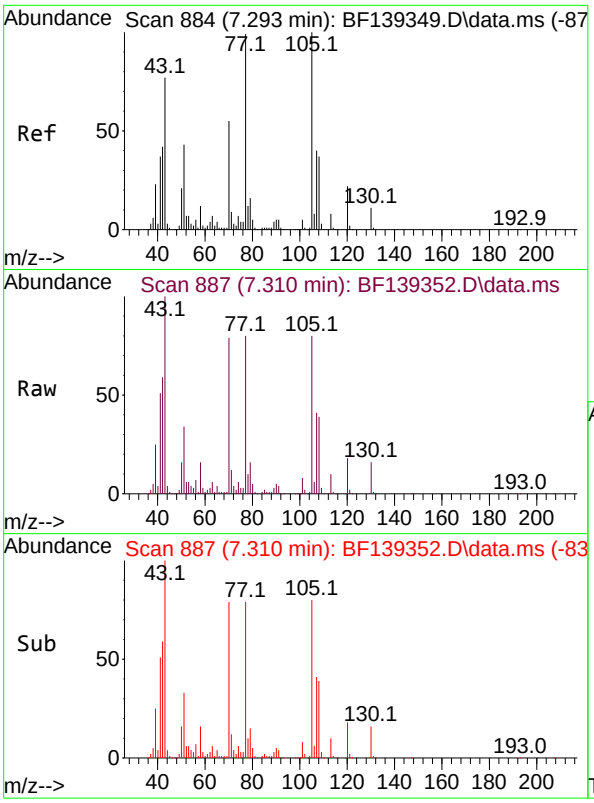


#18
Hexachloroethane
Concen: 77.259 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:117 Resp: 141097

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	95.1	78.6	118.0

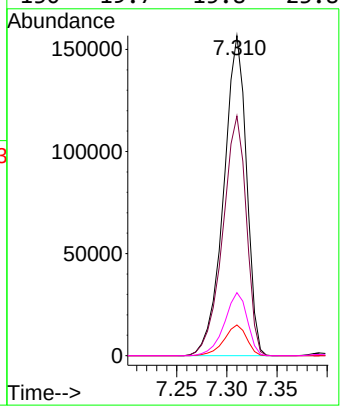




#19
n-Nitroso-di-n-propylamine
Concen: 78.784 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 70 Resp: 24836

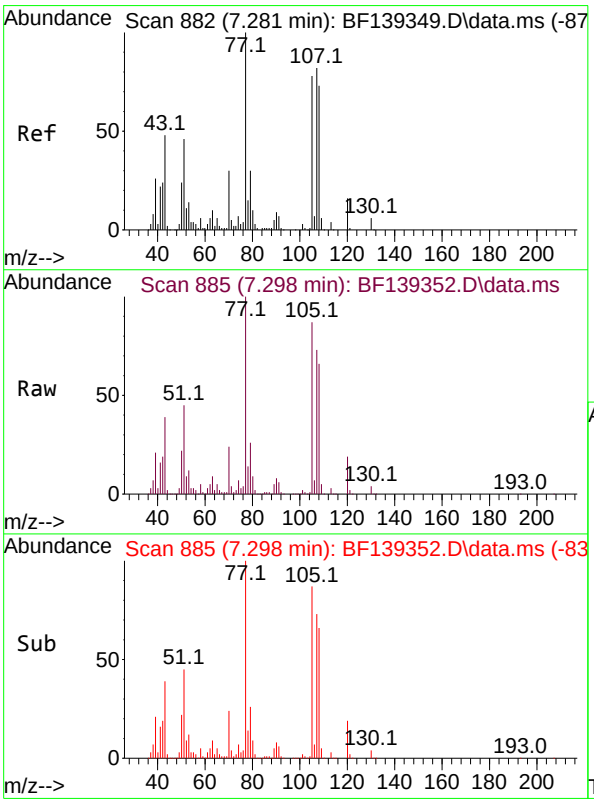
Ion	Ratio	Lower	Upper
70	100		
42	74.9	61.2	91.8
101	9.6	7.5	11.3
130	19.7	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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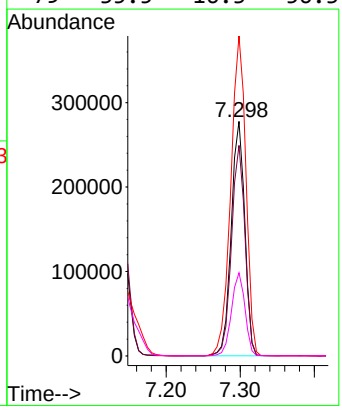
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

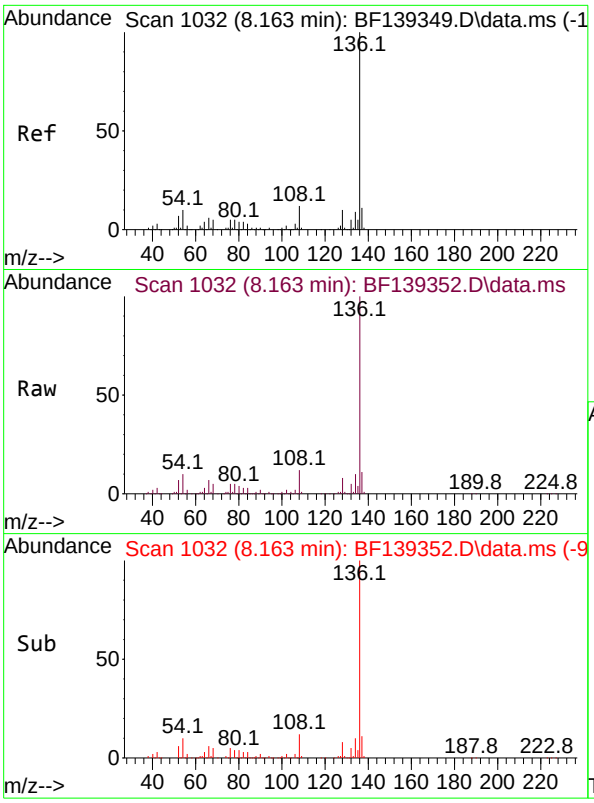


#20
3+4-Methylphenols
Concen: 77.825 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:107 Resp: 351953

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.6	108.6
77	136.5	101.6	141.6
79	35.5	16.3	56.3

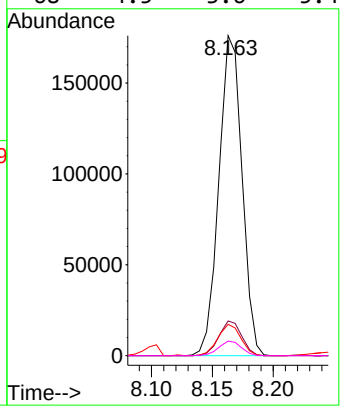




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:136 Resp: 23298

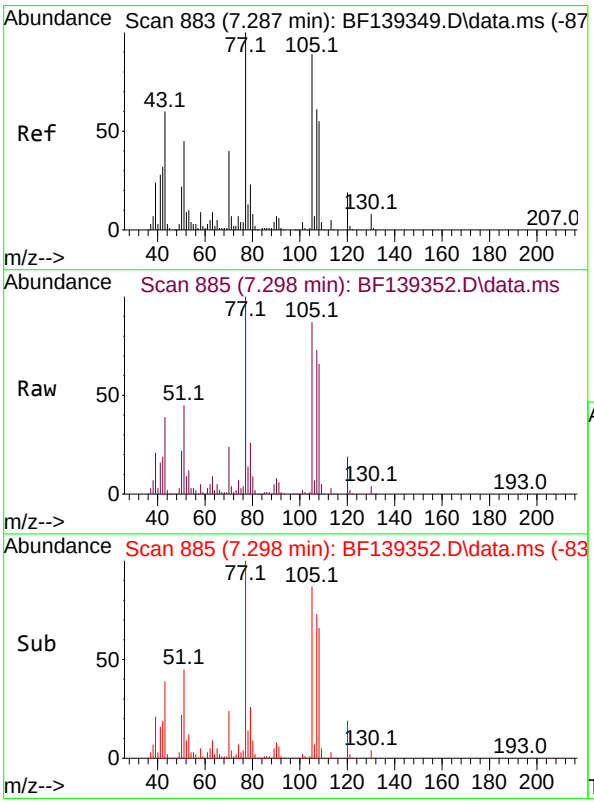
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	7.8	11.8
68	4.5	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

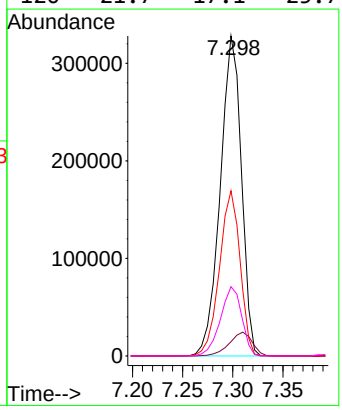
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

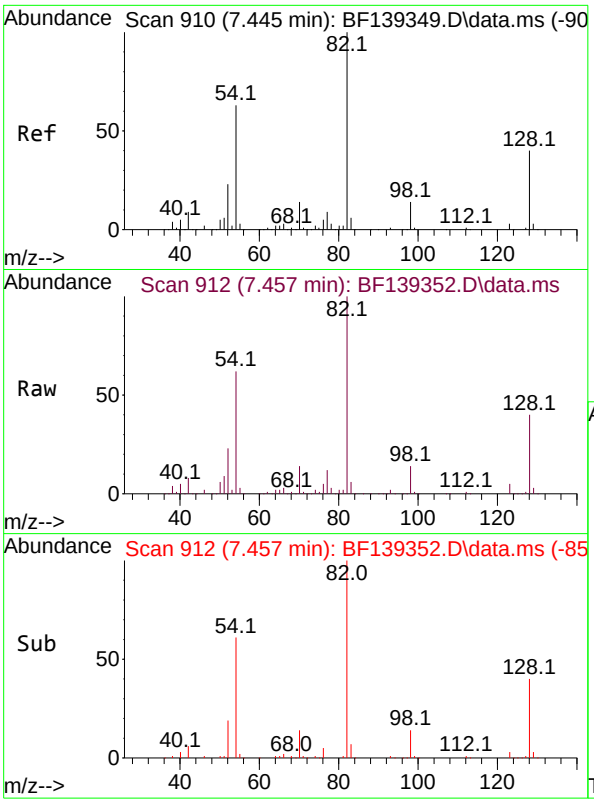


#22
Acetophenone
Concen: 78.801 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:105 Resp: 479979

Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.9	8.9#
51	51.6	40.0	60.0
120	21.7	17.1	25.7

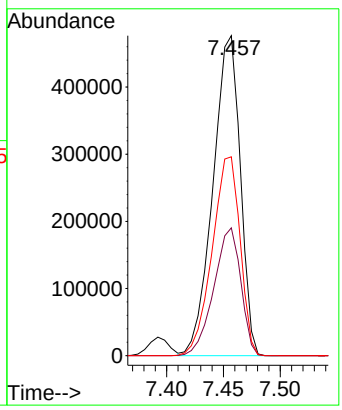




#23
Nitrobenzene-d5
Concen: 161.094 ng
RT: 7.457 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 82 Resp: 79838

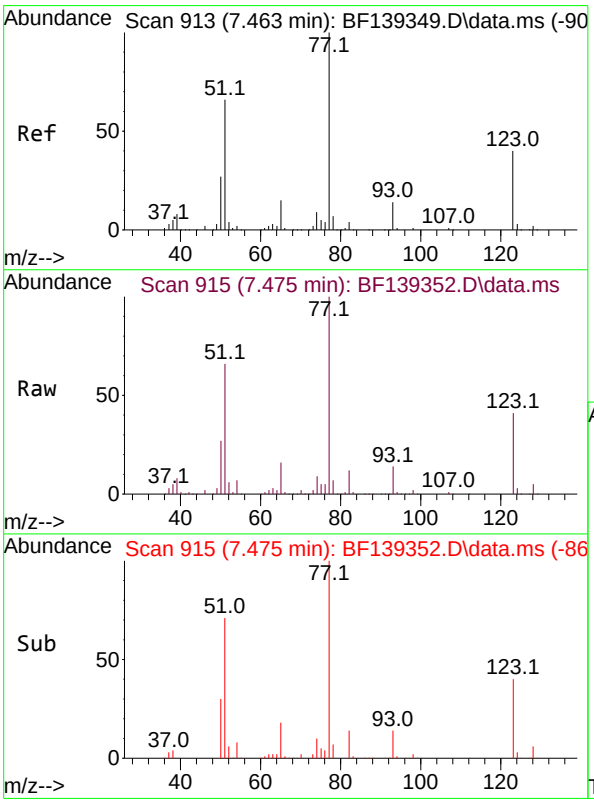
Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.8	47.6
54	62.1	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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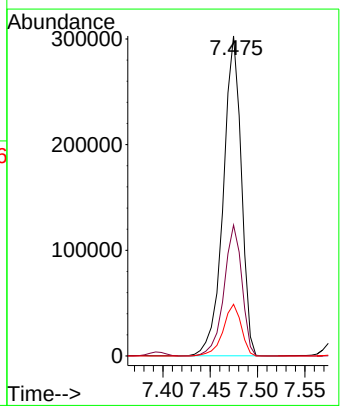
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

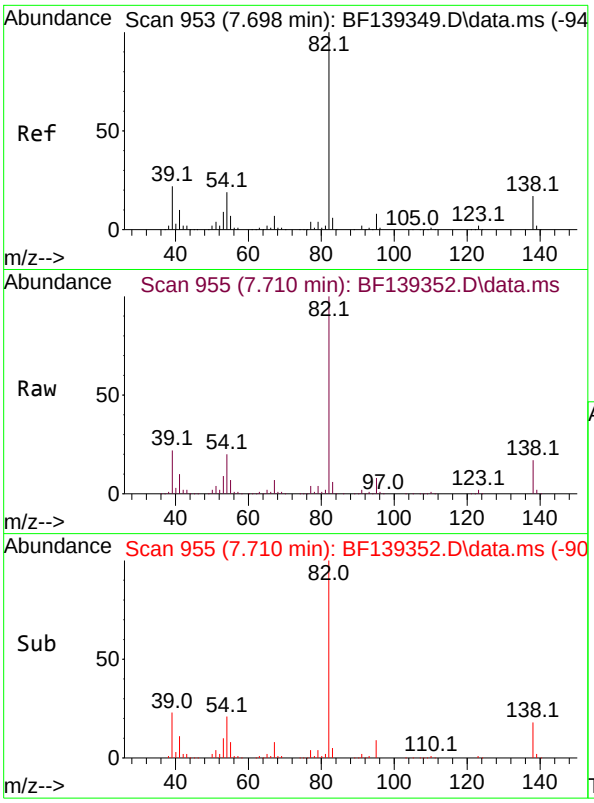


#24
Nitrobenzene
Concen: 78.622 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 77 Resp: 401035

Ion	Ratio	Lower	Upper
77	100		
123	40.9	32.2	48.4
65	16.1	12.2	18.4

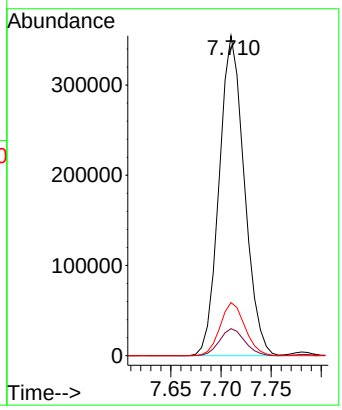




#25
Isophorone
Concen: 78.833 ng
RT: 7.710 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 82 Resp: 61789

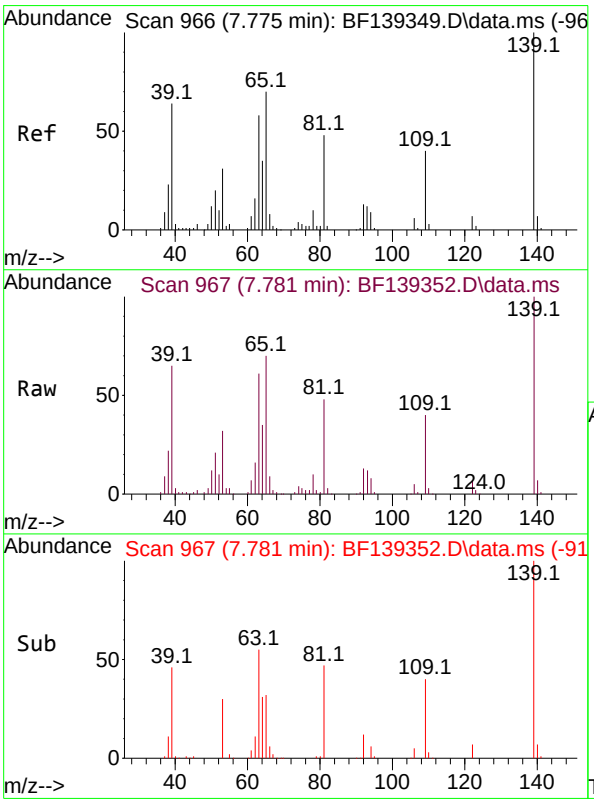
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	16.6	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

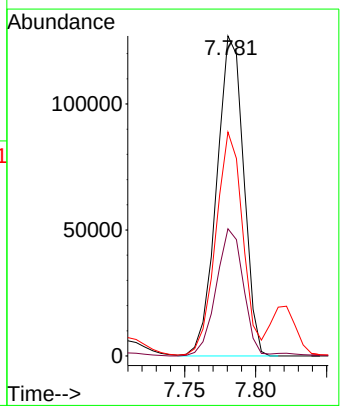
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

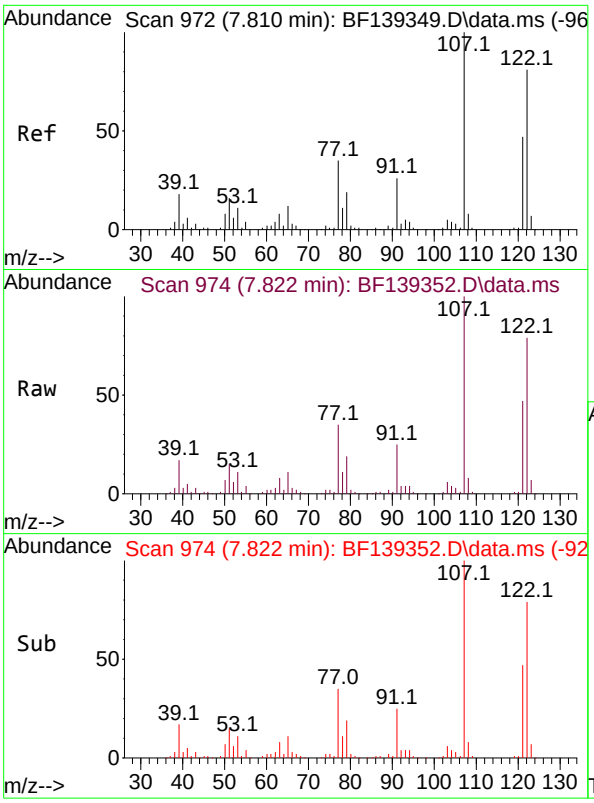


#26
2-Nitrophenol
Concen: 84.561 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:139 Resp: 168044

Ion	Ratio	Lower	Upper
139	100		
109	39.8	32.2	48.2
65	70.0	55.8	83.8

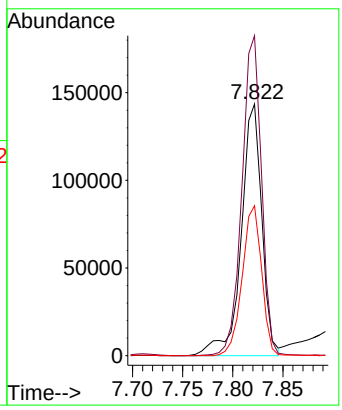




#27
2,4-Dimethylphenol
Concen: 78.593 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:122 Resp: 20602

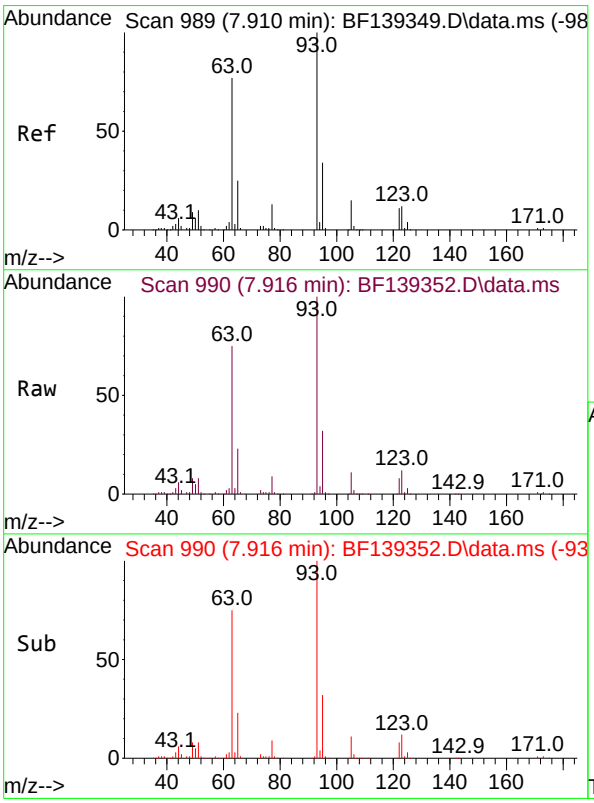
Ion	Ratio	Lower	Upper
122	100		
107	127.2	99.1	148.7
121	59.6	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

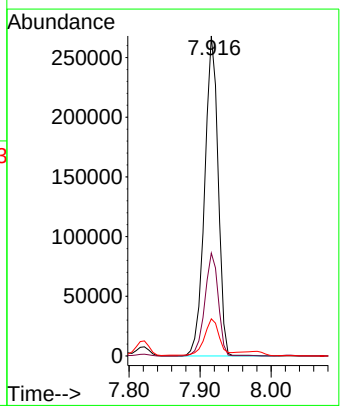
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

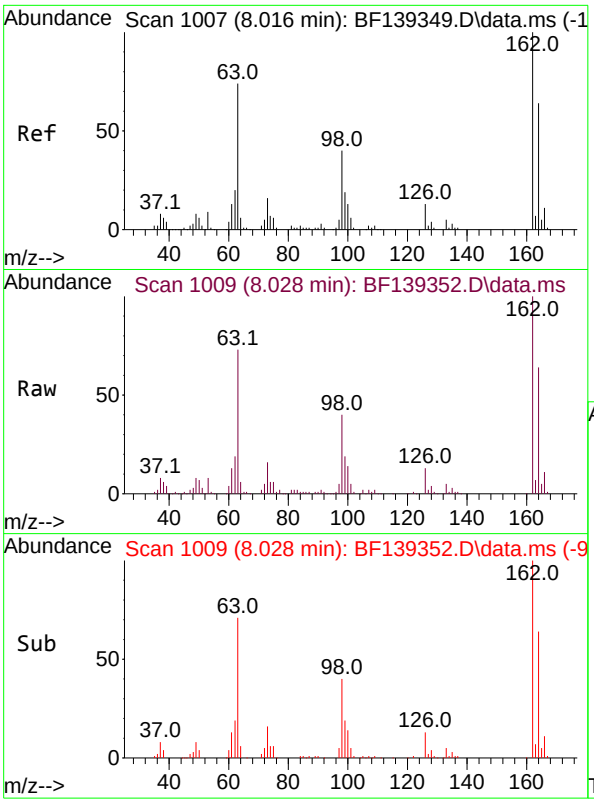


#28
bis(2-Chloroethoxy)methane
Concen: 79.499 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 93 Resp: 355128

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.9	40.3
123	11.6	10.0	15.0

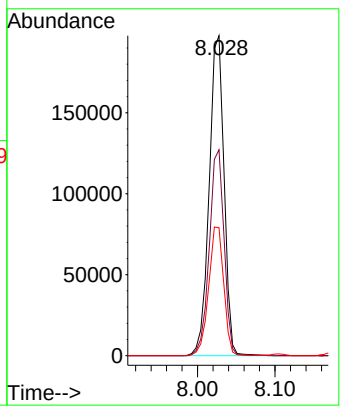




#29
2,4-Dichlorophenol
Concen: 79.303 ng
RT: 8.028 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:162 Resp: 26408

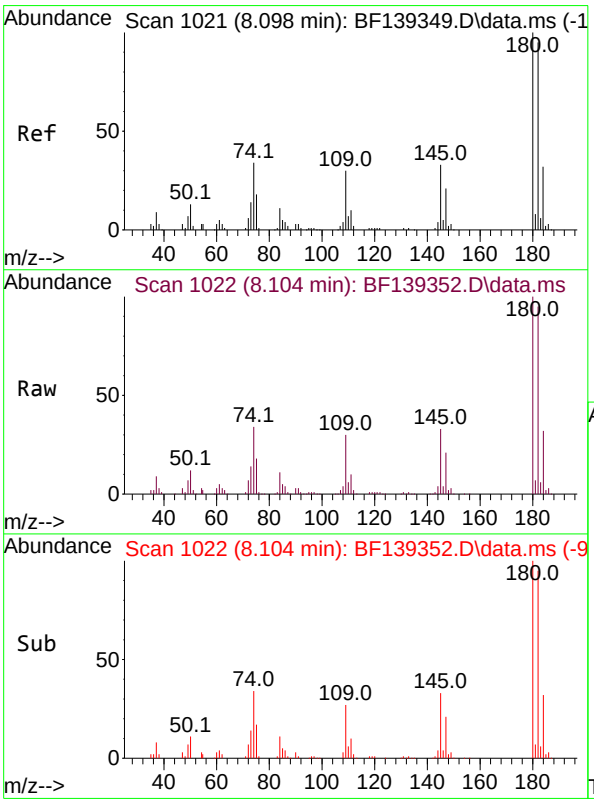
Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	40.0	19.7	59.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

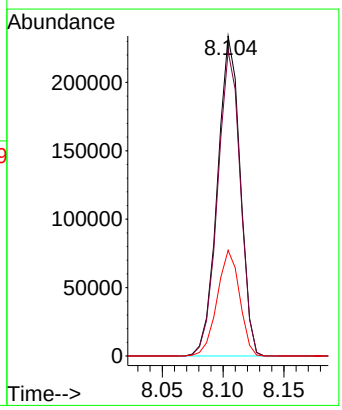
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

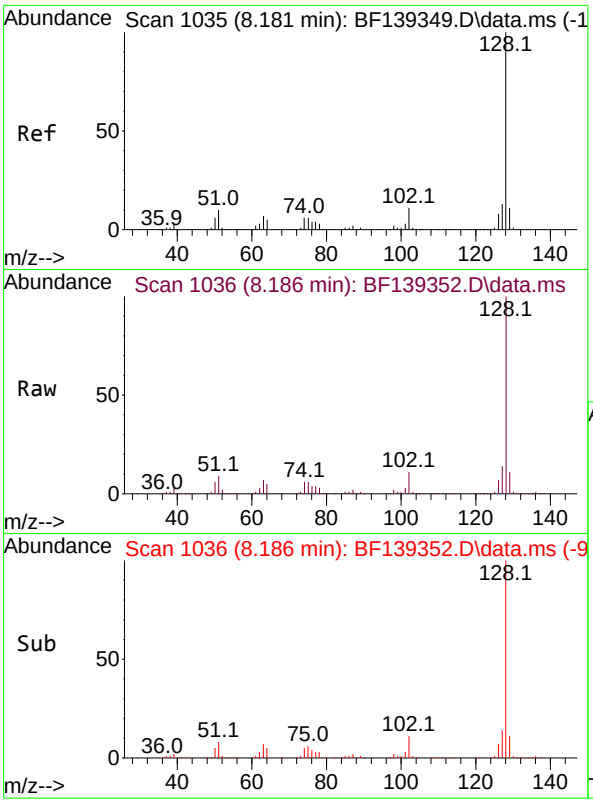


#30
1,2,4-Trichlorobenzene
Concen: 78.143 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:180 Resp: 303204

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	33.0	26.5	39.7

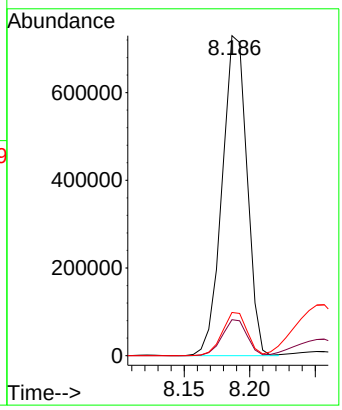




#31
Naphthalene
Concen: 79.198 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:128 Resp: 96332

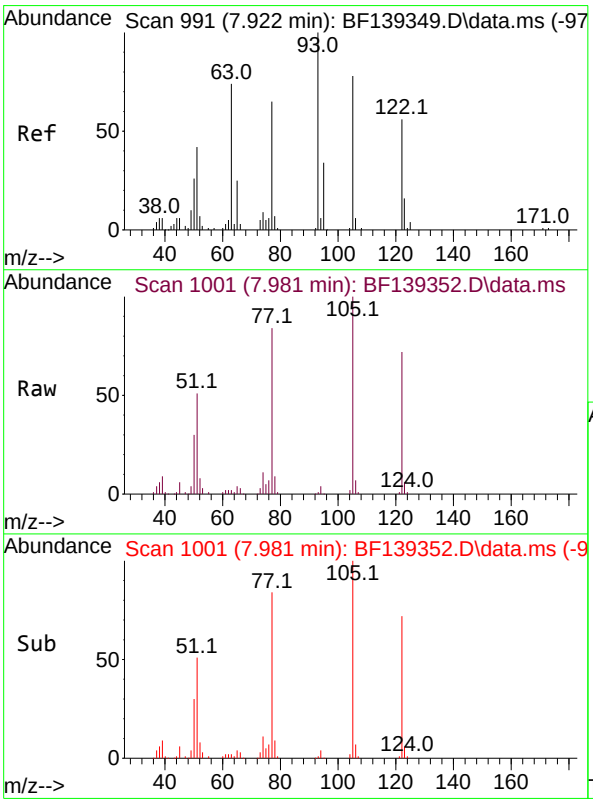
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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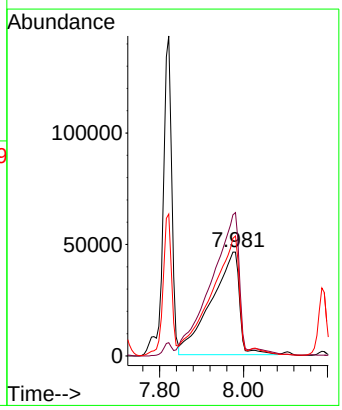
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

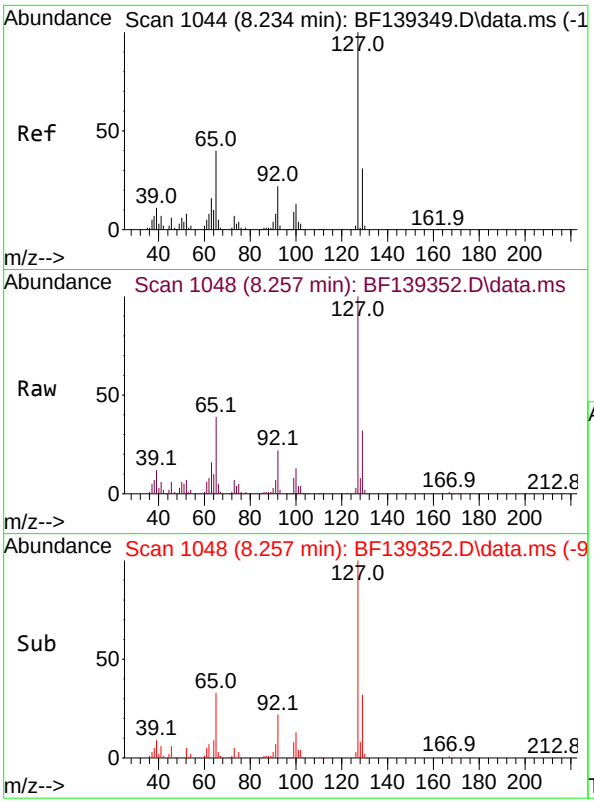


#32
Benzoic acid
Concen: 87.390 ng m
RT: 7.981 min Scan# 1001
Delta R.T. 0.059 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:122 Resp: 215219

Ion	Ratio	Lower	Upper
122	100		
105	138.0	117.1	157.1
77	115.5	95.4	135.4

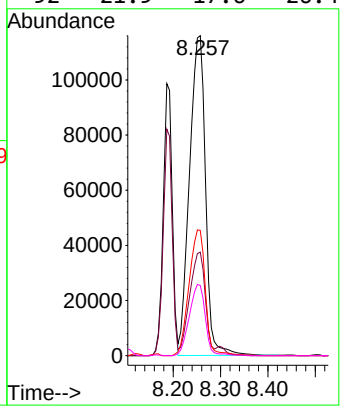




#33
4-Chloroaniline
Concen: 73.324 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:127 Resp: 27284

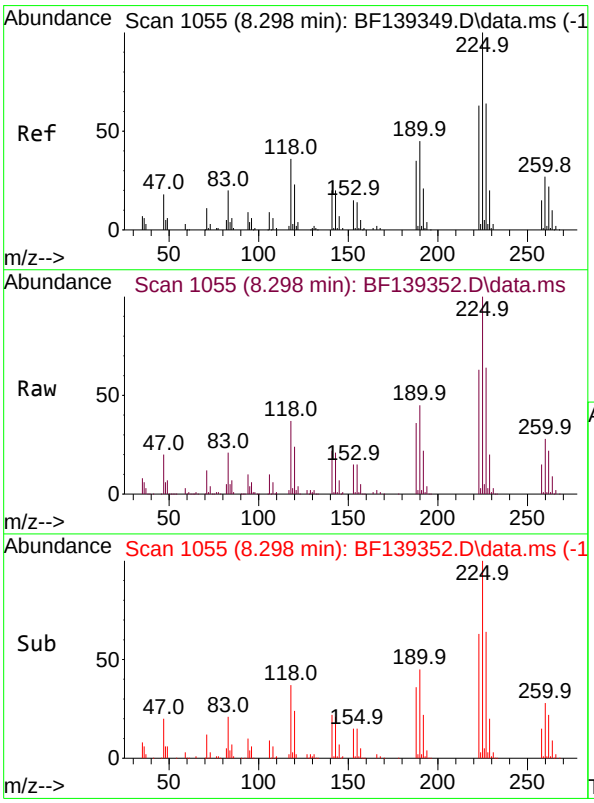
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	39.2	31.5	47.3
92	21.9	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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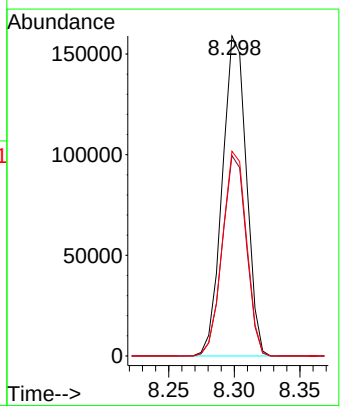
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

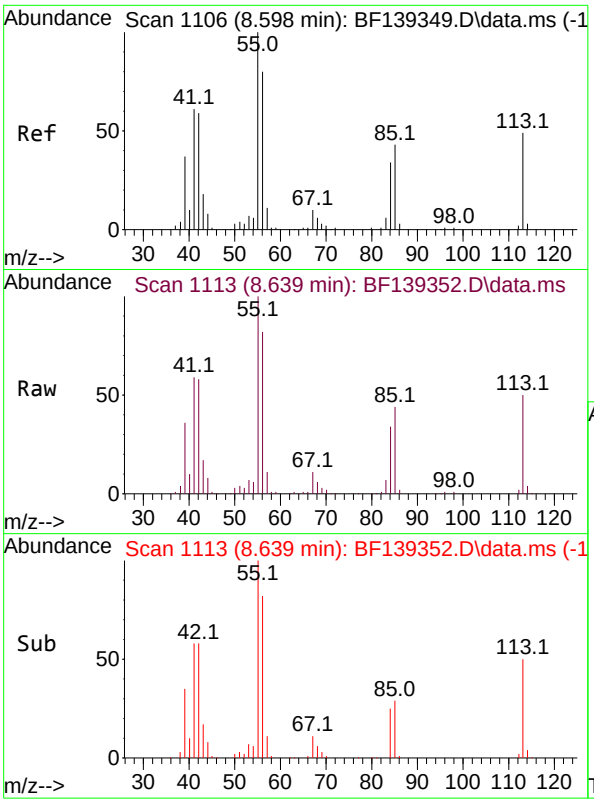


#34
Hexachlorobutadiene
Concen: 76.928 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:225 Resp: 202793

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.9	51.0	76.6

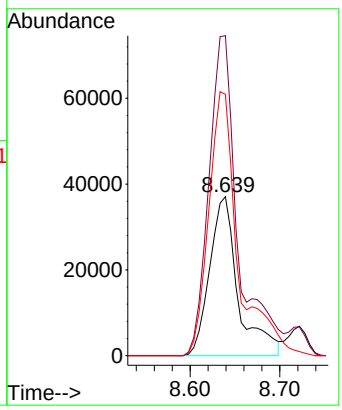




#35
Caprolactam
Concen: 79.884 ng
RT: 8.639 min Scan# 1
Delta R.T. 0.041 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:113 Resp: 8183

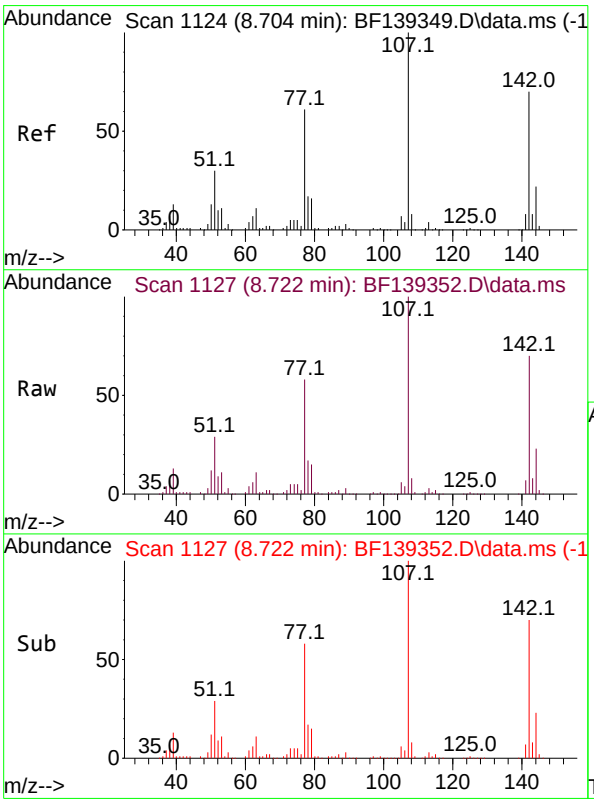
Ion	Ratio	Lower	Upper
113	100		
55	201.1	186.1	226.1
56	164.3	144.9	184.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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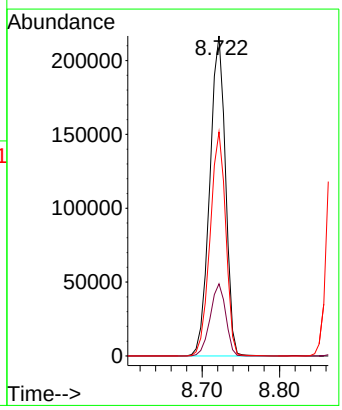
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

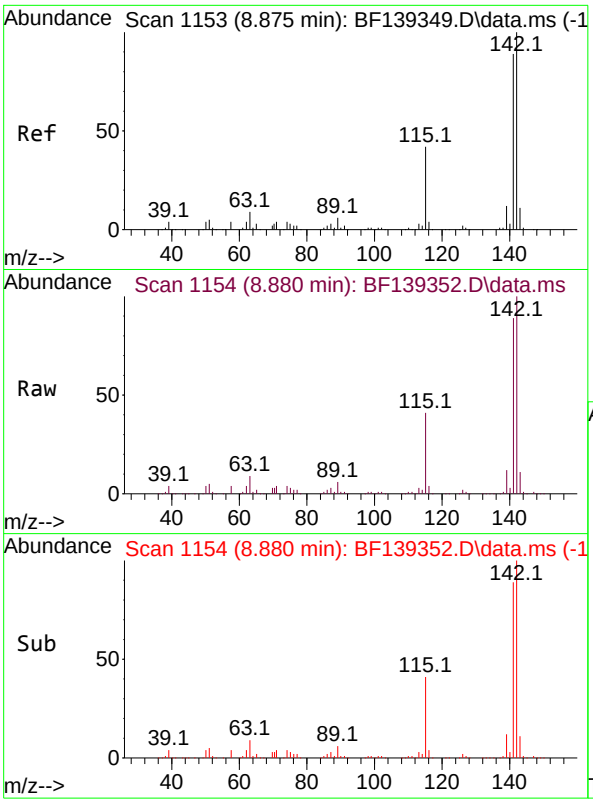


#36
4-Chloro-3-methylphenol
Concen: 80.190 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:107 Resp: 305192

Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.5	26.3
142	70.0	55.8	83.8

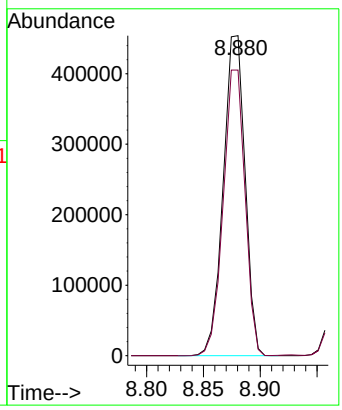




#37
2-Methylnaphthalene
Concen: 78.607 ng
RT: 8.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:142 Resp: 60688

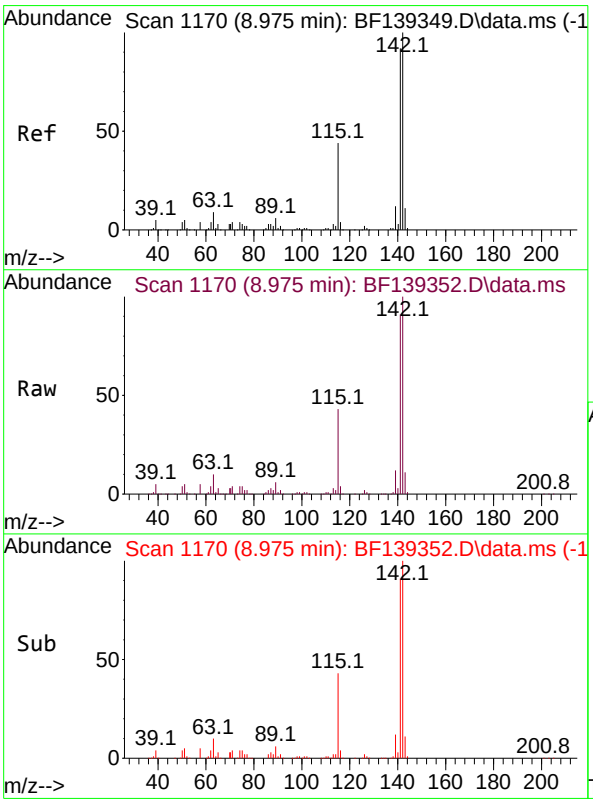
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

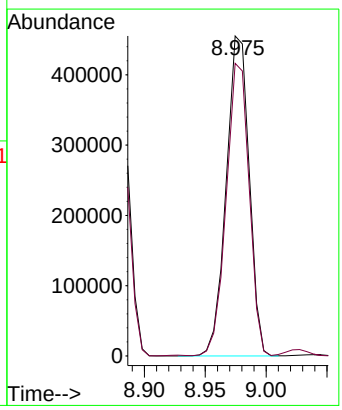
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

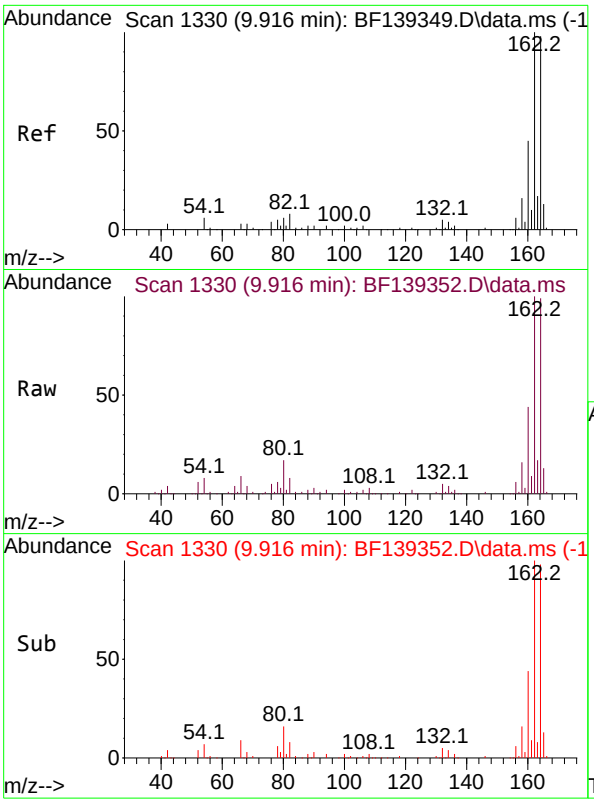


#38
1-Methylnaphthalene
Concen: 79.092 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:142 Resp: 599493

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8

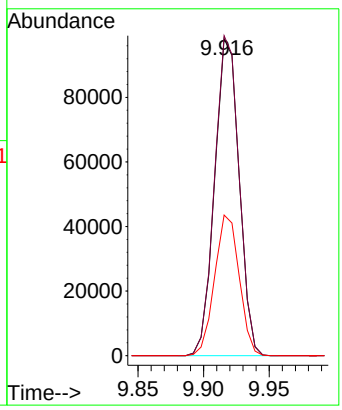




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:164 Resp: 12699

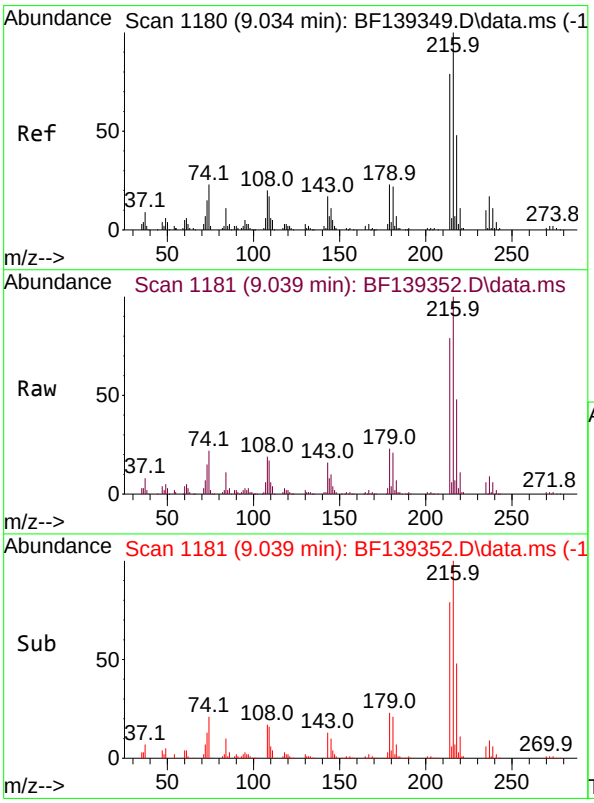
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	44.4	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

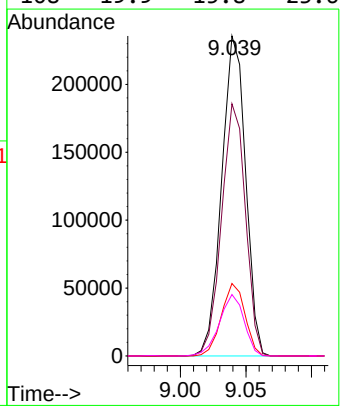
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

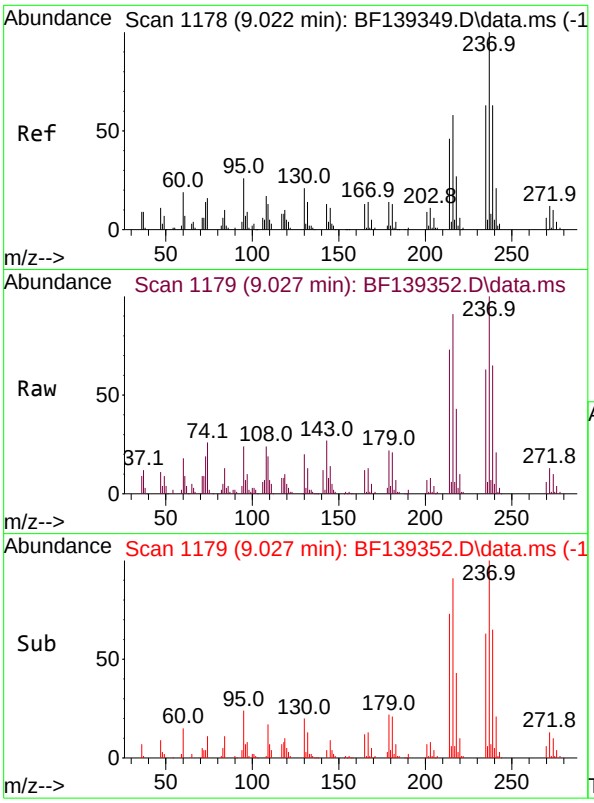


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.368 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:216 Resp: 298724

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	22.4	18.2	27.2
108	19.9	15.8	23.6

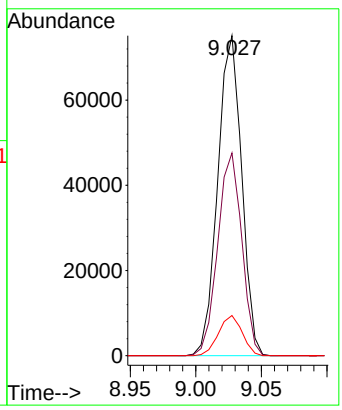




#41
Hexachlorocyclopentadiene
Concen: 72.430 ng
RT: 9.027 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:237 Resp: 9518

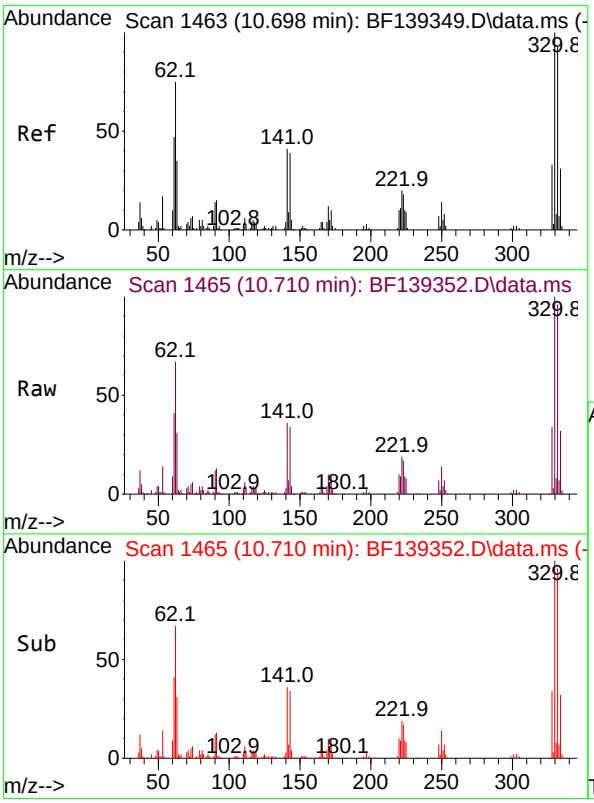
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.7	82.7
272	12.5	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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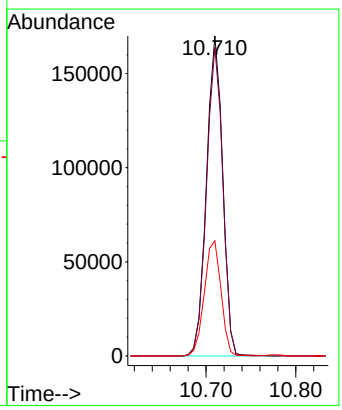
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

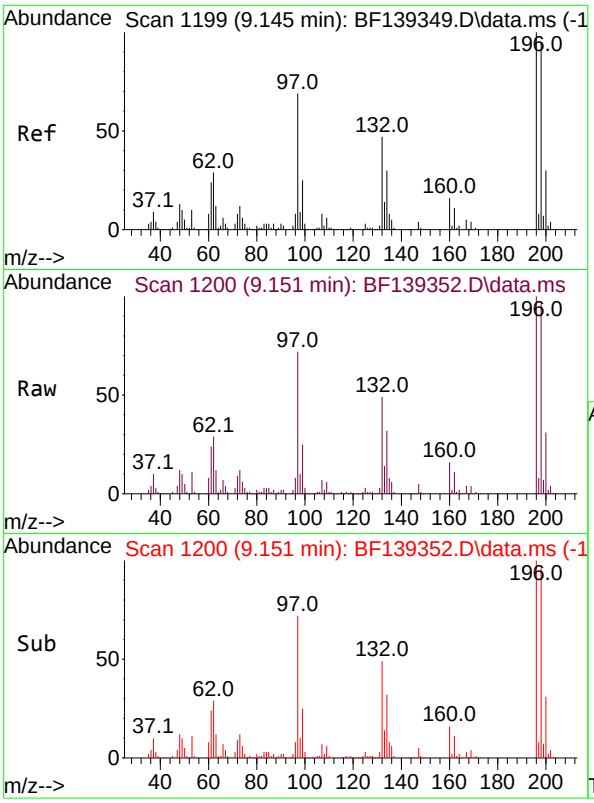


#42
2,4,6-Tribromophenol
Concen: 157.565 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:330 Resp: 213033

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.2	112.8
141	37.1	31.2	46.8

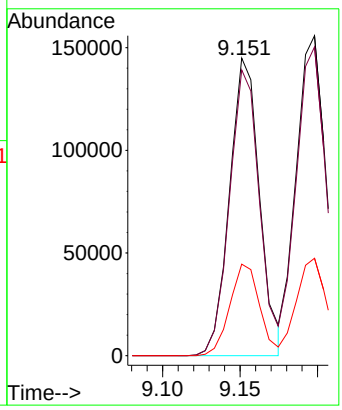




#43
2,4,6-Trichlorophenol
Concen: 79.656 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:196 Resp: 19505

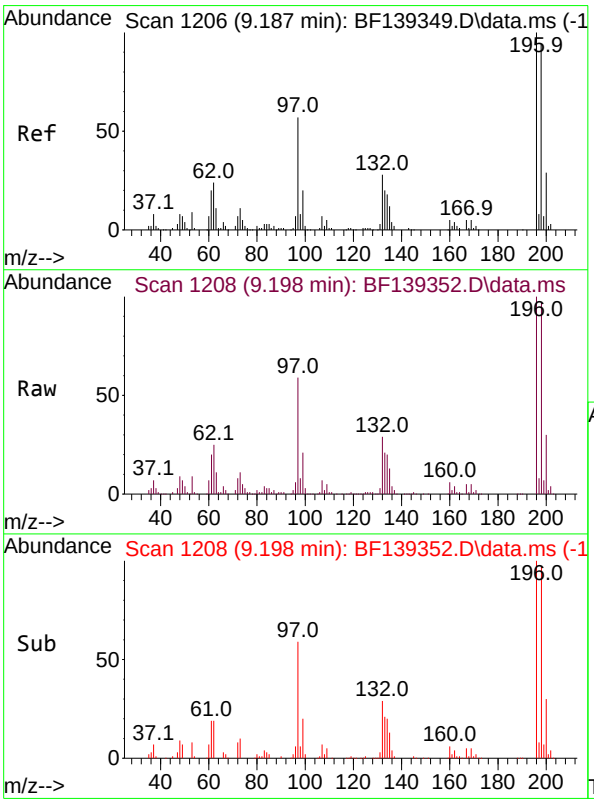
Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.8	113.6
200	30.8	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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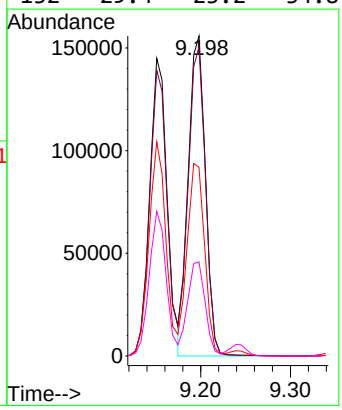
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

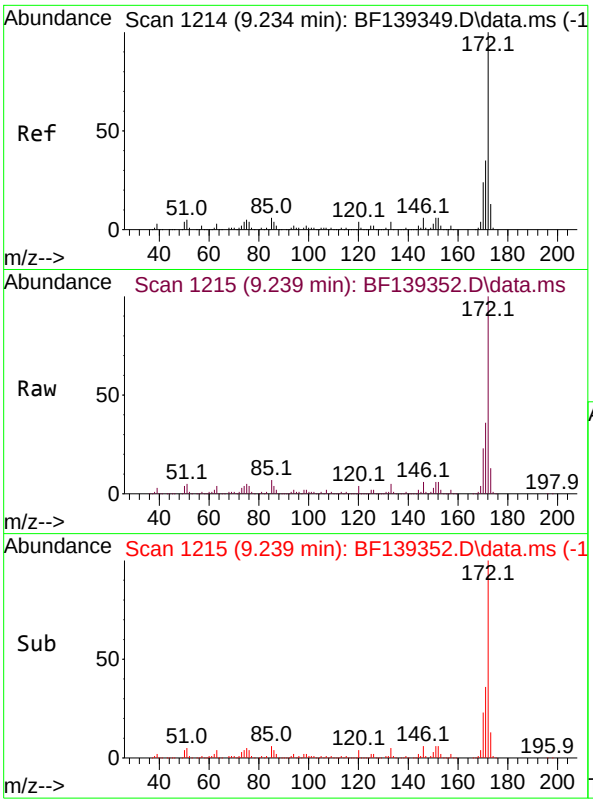


#44
2,4,5-Trichlorophenol
Concen: 80.566 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:196 Resp: 208100

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.8	112.2
97	59.0	47.3	70.9
132	29.4	23.2	34.8

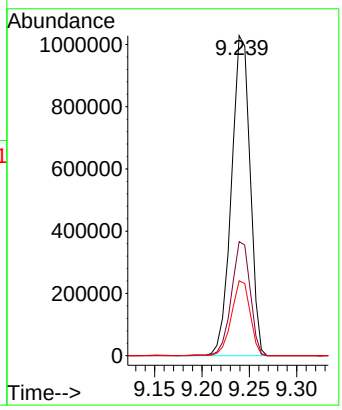




#45
2-Fluorobiphenyl
Concen: 155.345 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:172 Resp: 140663

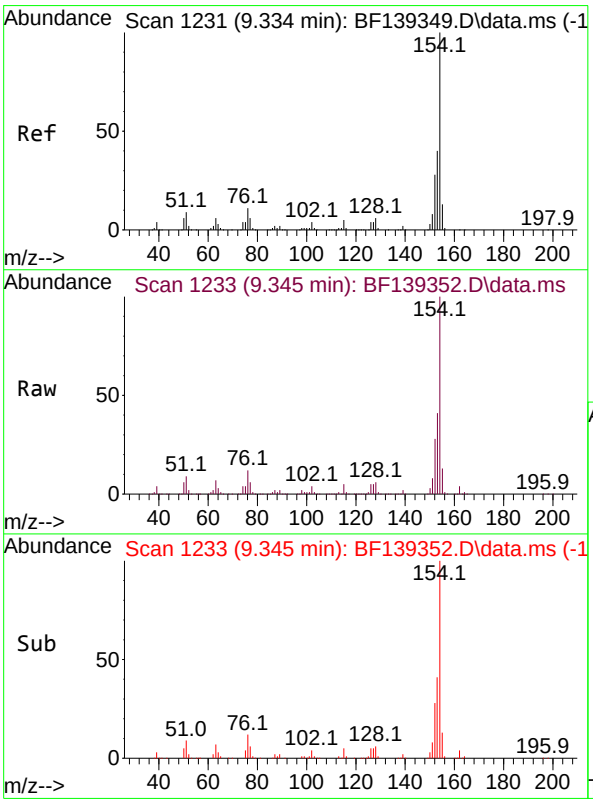
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.4	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

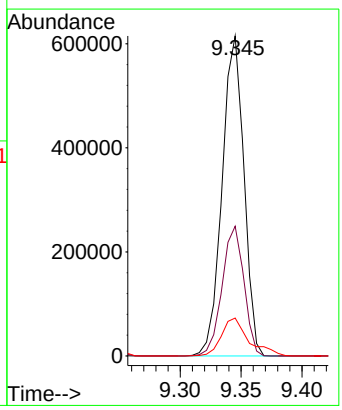
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

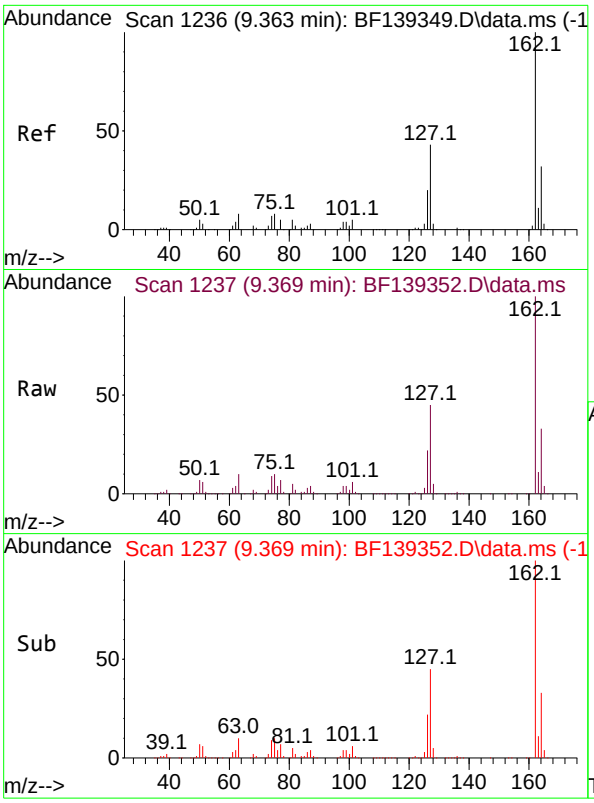


#46
1,1'-Biphenyl
Concen: 78.446 ng
RT: 9.345 min Scan# 1233
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:154 Resp: 766437

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.1	60.1
76	11.9	0.0	31.1

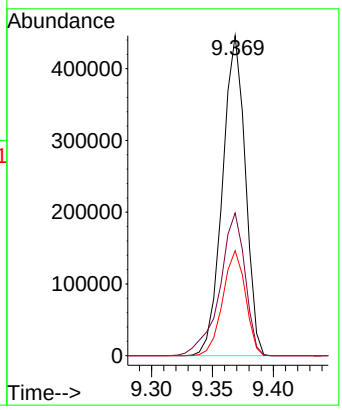




#47
2-Chloronaphthalene
Concen: 79.713 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:162 Resp: 582318

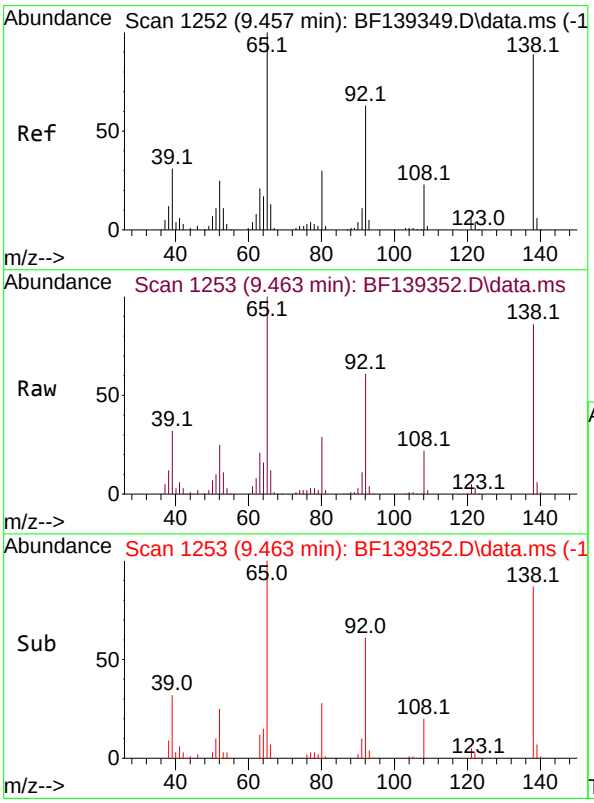
Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.0	52.4
164	32.8	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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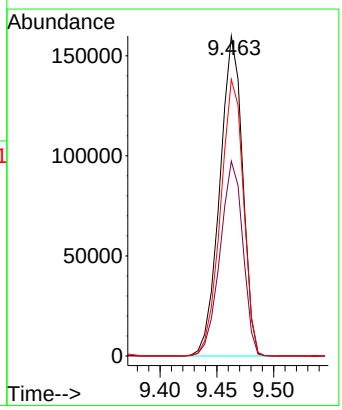
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

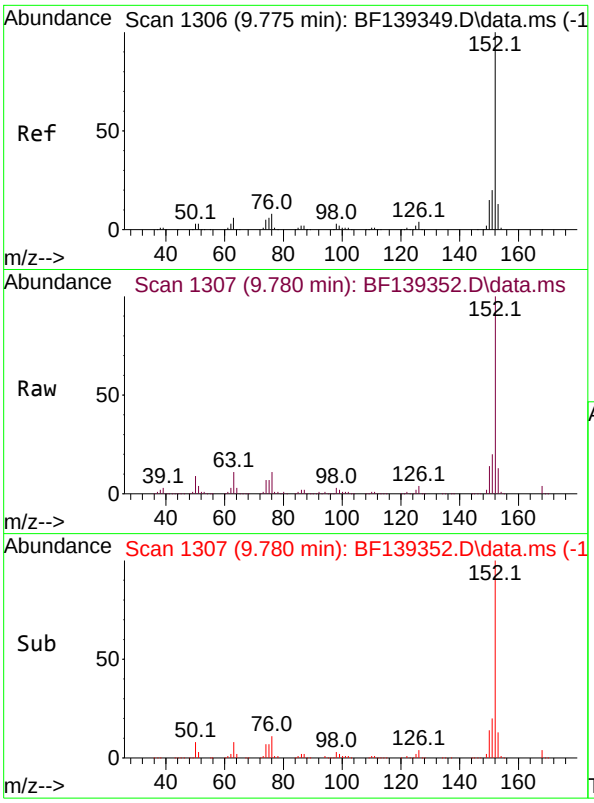


#48
2-Nitroaniline
Concen: 82.167 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 65 Resp: 223259

Ion	Ratio	Lower	Upper
65	100		
92	60.8	50.3	75.5
138	86.4	71.3	106.9

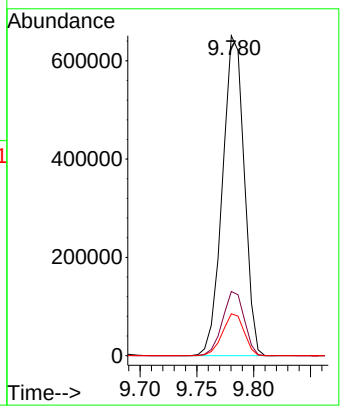




#49
Acenaphthylene
Concen: 78.947 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:152 Resp: 86813

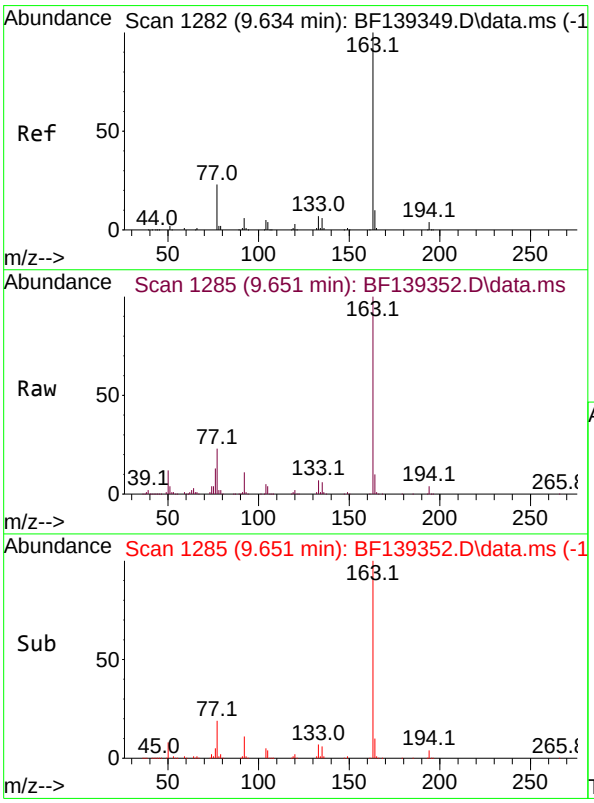
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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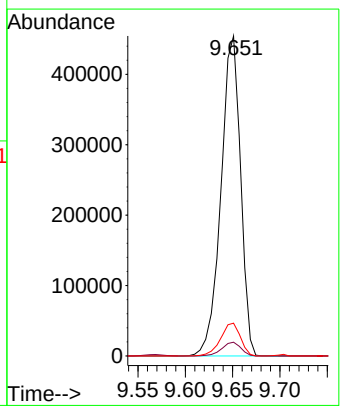
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

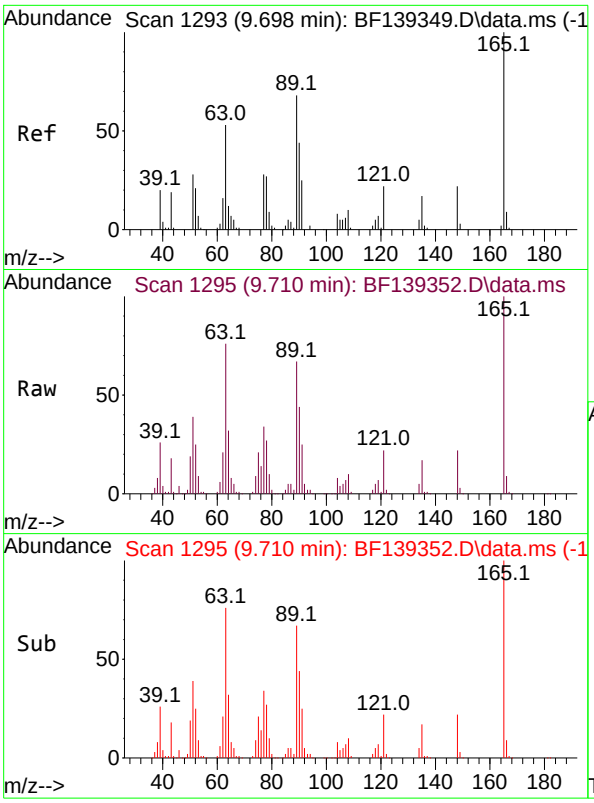


#50
Dimethylphthalate
Concen: 78.326 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:163 Resp: 652879

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 81.625 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

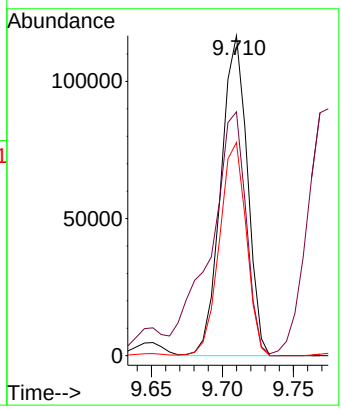
Tgt Ion:165 Resp: 15072

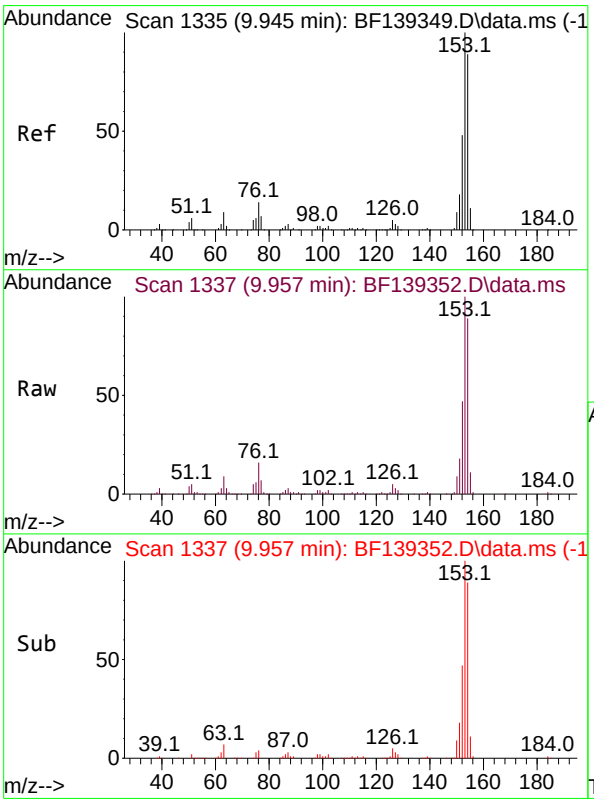
Ion	Ratio	Lower	Upper
165	100		
63	76.2	60.9	91.3
89	66.6	54.7	82.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

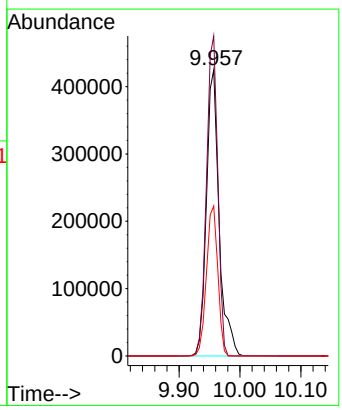


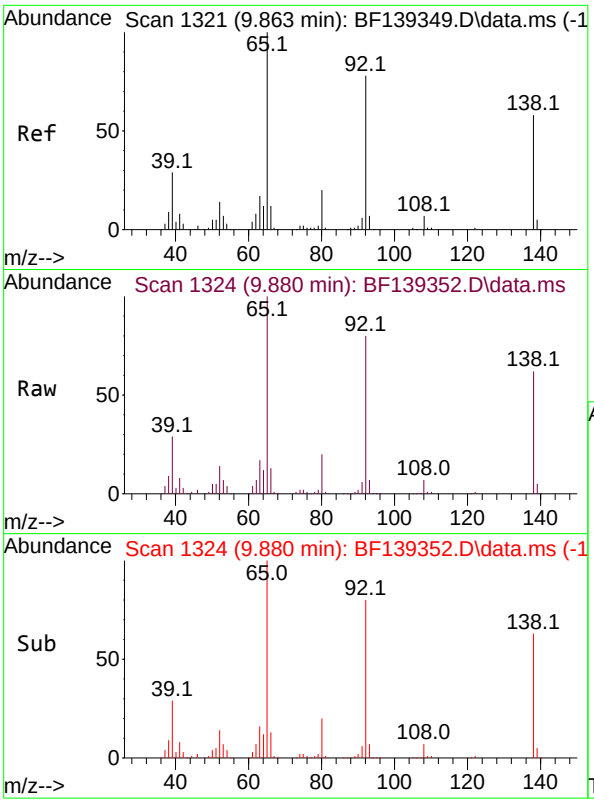


#52
Acenaphthene
Concen: 80.396 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:154 Resp: 617018

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.5	134.3
152	52.4	42.6	64.0





#53
3-Nitroaniline
Concen: 73.235 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

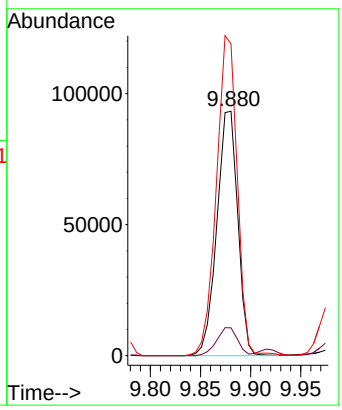
Tgt Ion:138 Resp: 13514

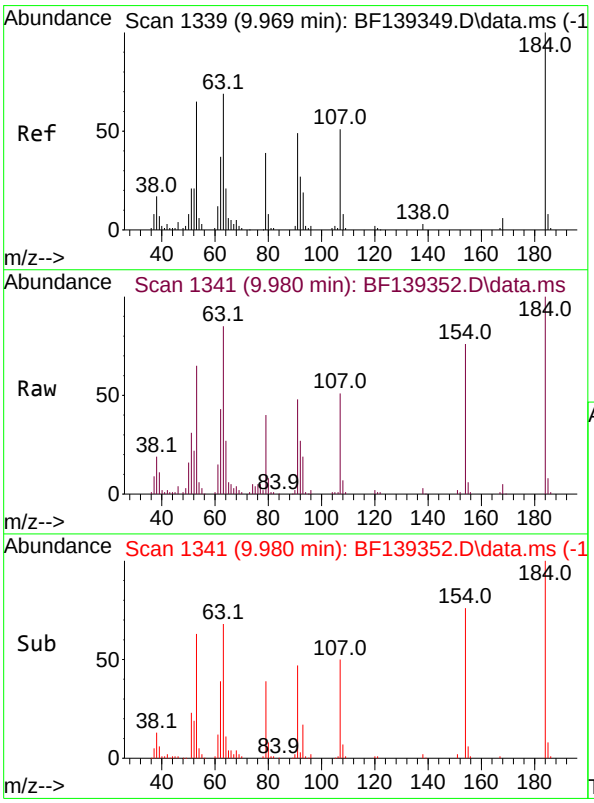
Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.8	14.8
92	127.6	107.4	161.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

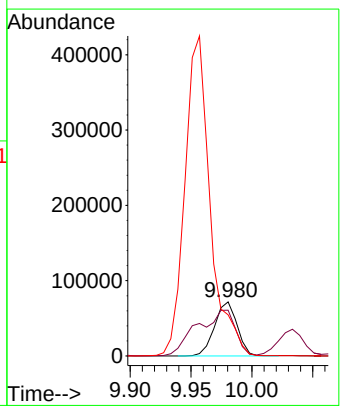


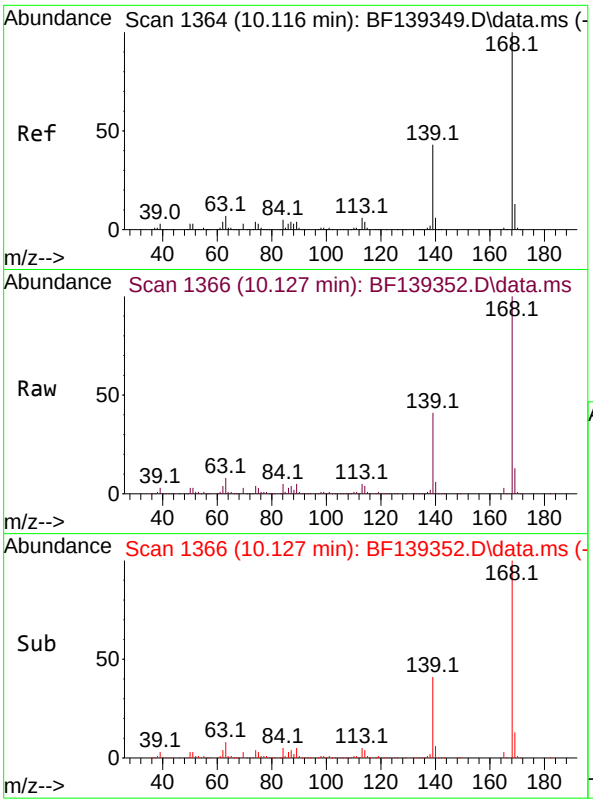


#54
2,4-Dinitrophenol
Concen: 95.931 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:184 Resp: 92861

Ion	Ratio	Lower	Upper
184	100		
63	84.7	69.3	103.9
154	76.1	67.5	101.3

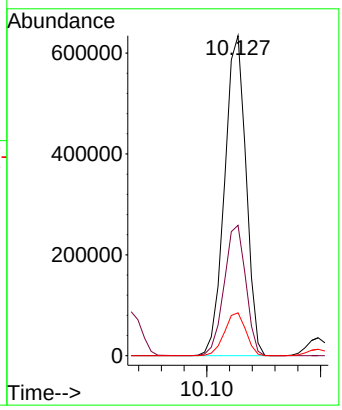




#55
Dibenzofuran
Concen: 77.658 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:168 Resp: 83071

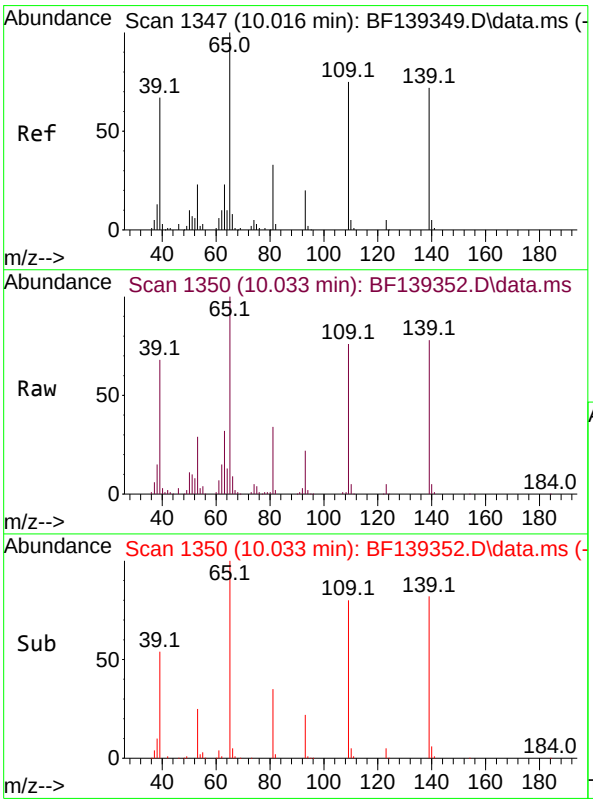
Ion	Ratio	Lower	Upper
168	100		
139	40.7	34.1	51.1
169	13.4	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

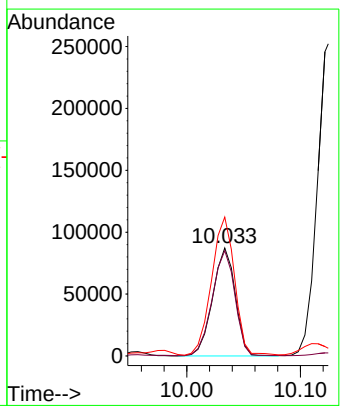
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

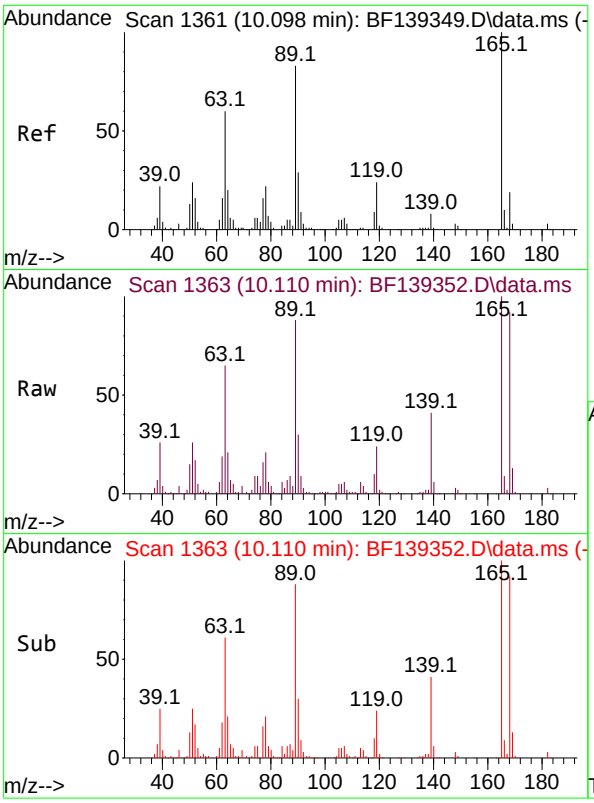


#56
4-Nitrophenol
Concen: 79.034 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:139 Resp: 120683

Ion	Ratio	Lower	Upper
139	100		
109	97.6	84.1	124.1
65	128.6	120.0	160.0

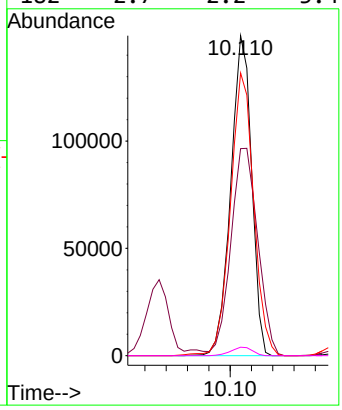




#57
2,4-Dinitrotoluene
Concen: 81.422 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:165 Resp: 20298

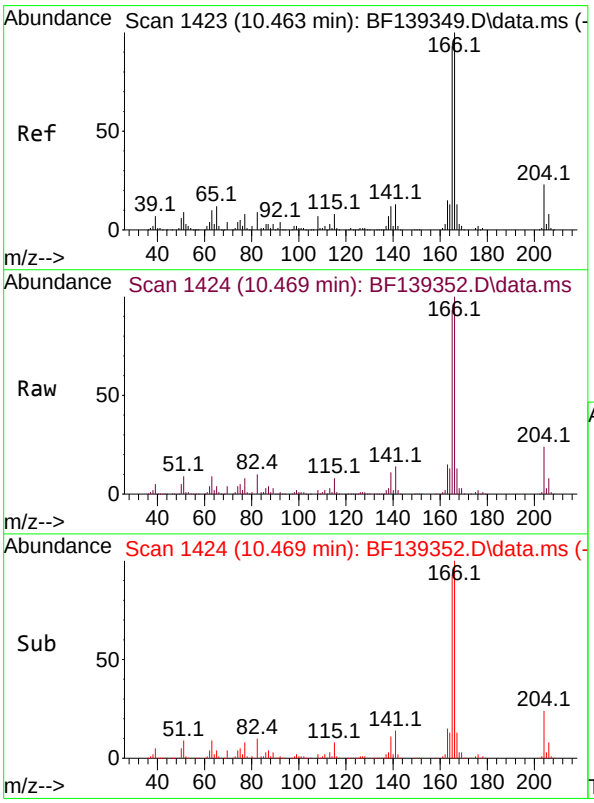
Ion	Ratio	Lower	Upper
165	100		
63	64.7	47.8	71.6
89	88.4	66.7	100.1
182	2.7	2.2	3.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

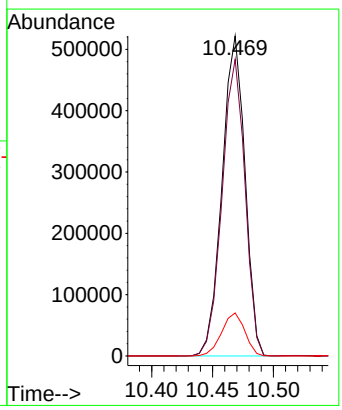
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

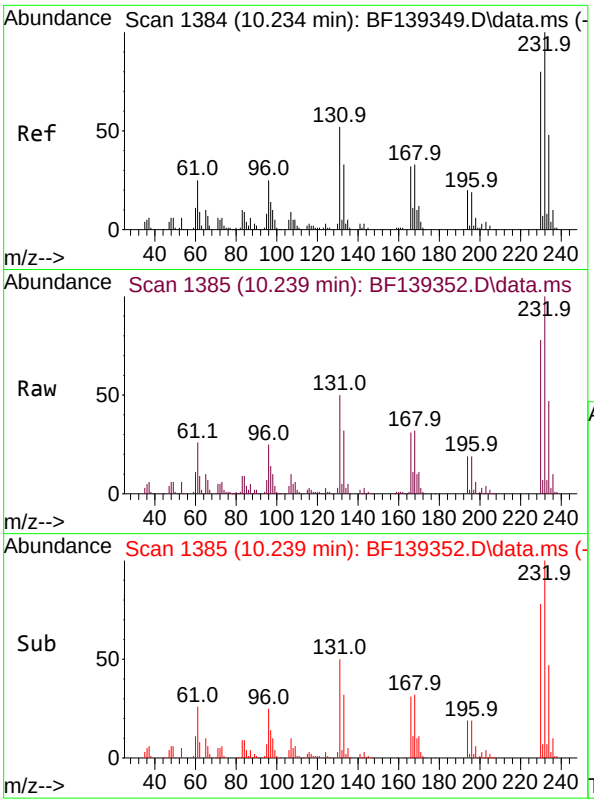


#58
Fluorene
Concen: 78.266 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:166 Resp: 683097

Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.5	111.7
167	13.5	10.6	16.0

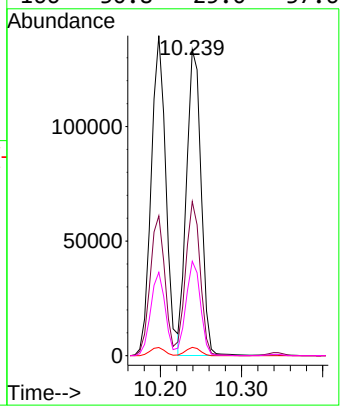




#59
2,3,4,6-Tetrachlorophenol
Concen: 78.199 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:232 Resp: 16708

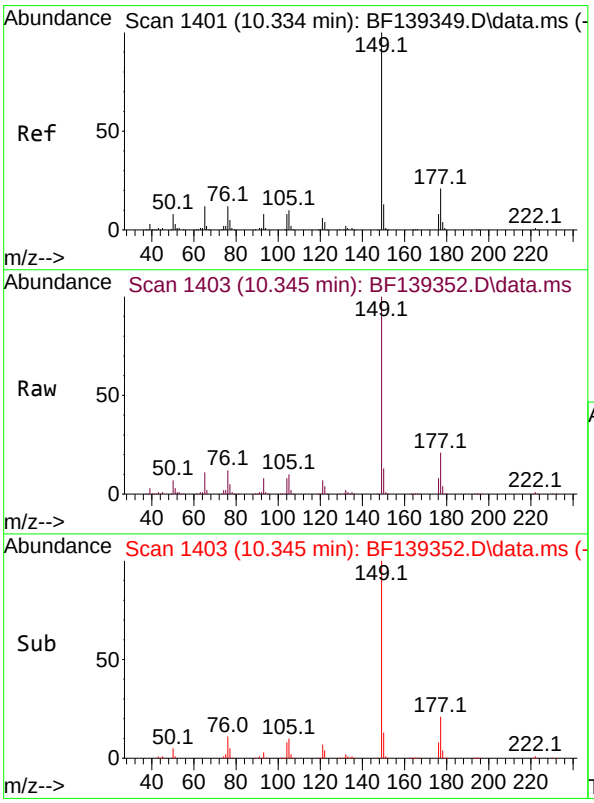
Ion	Ratio	Lower	Upper
232	100		
131	50.4	40.7	61.1
130	2.7	2.2	3.2
166	30.8	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

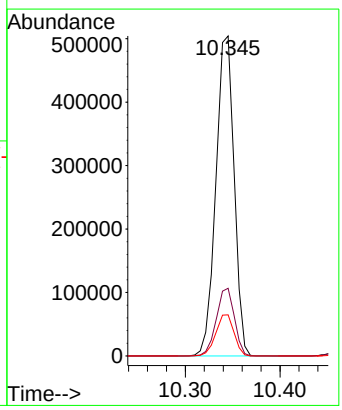
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

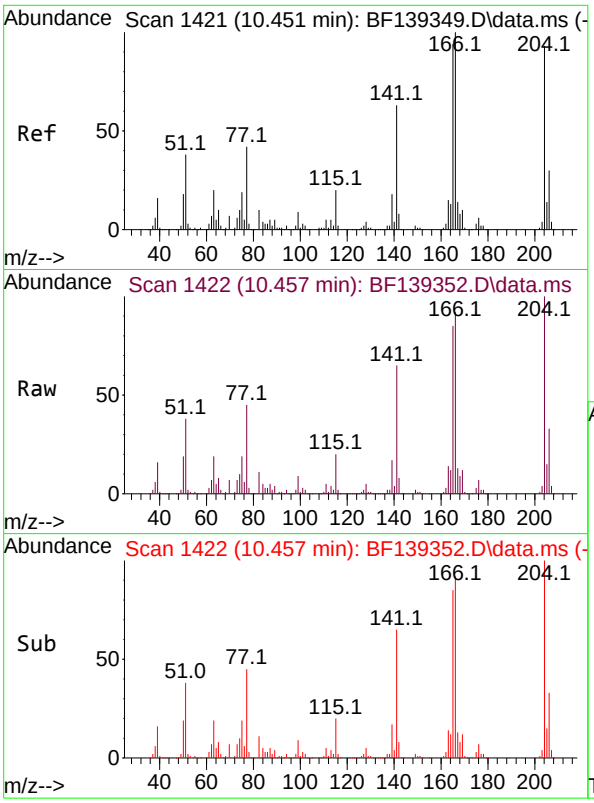


#60
Diethylphthalate
Concen: 78.664 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 676646

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	24.8
150	12.9	10.6	15.8

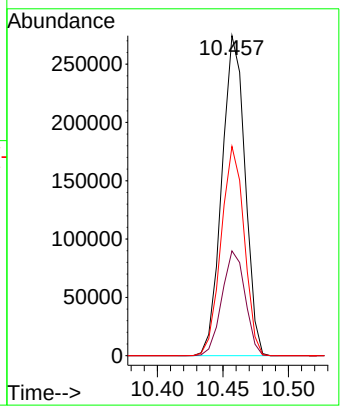




#61
4-Chlorophenyl-phenylether
Concen: 79.499 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:204 Resp: 33720

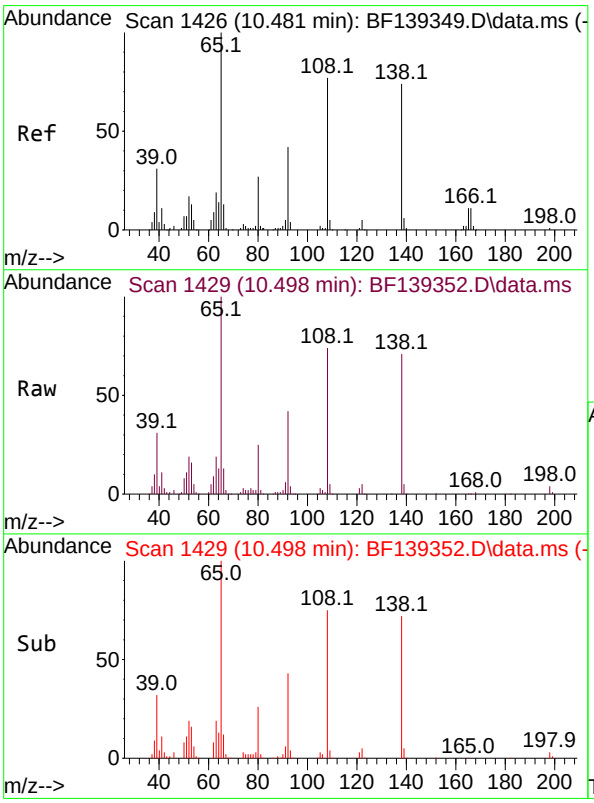
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	65.4	53.9	80.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

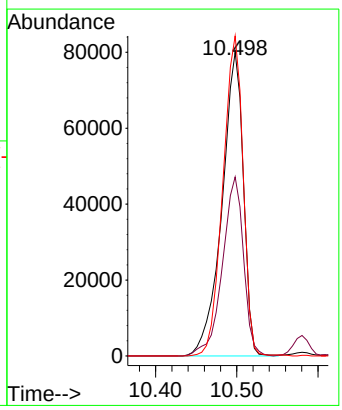
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

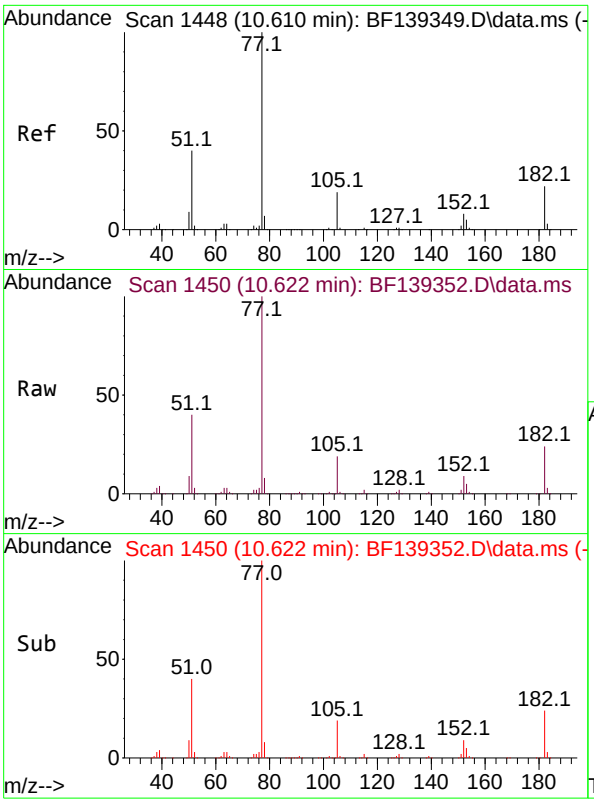


#62
4-Nitroaniline
Concen: 72.852 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:138 Resp: 146728

Ion	Ratio	Lower	Upper
138	100		
92	58.9	37.0	77.0
108	105.3	84.4	124.4

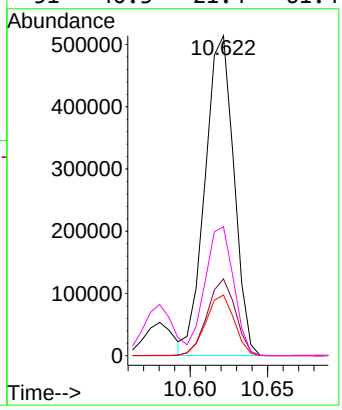




#63
Azobenzene
Concen: 78.600 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 77 Resp: 66498

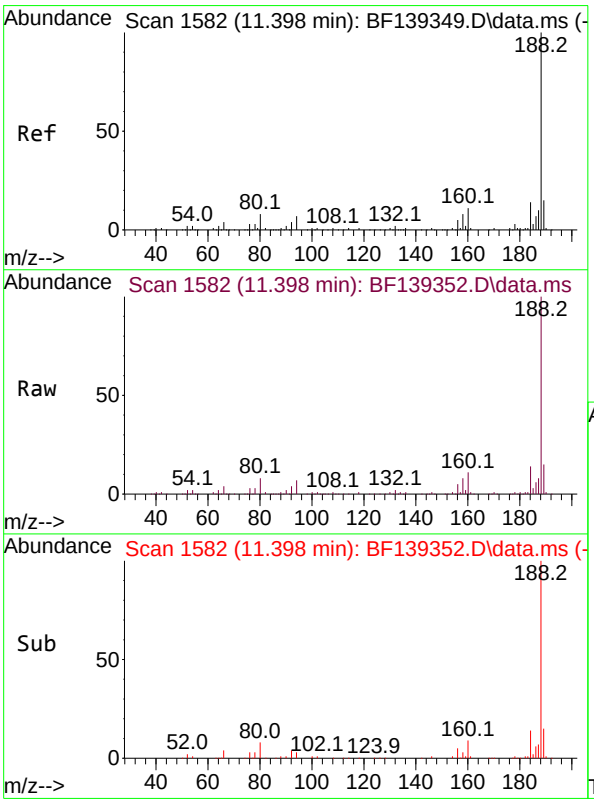
Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.8	41.8
105	18.9	0.0	38.6
51	40.3	21.4	61.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

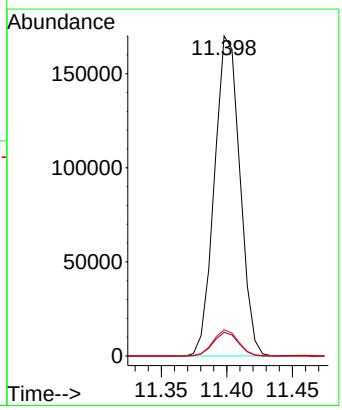
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

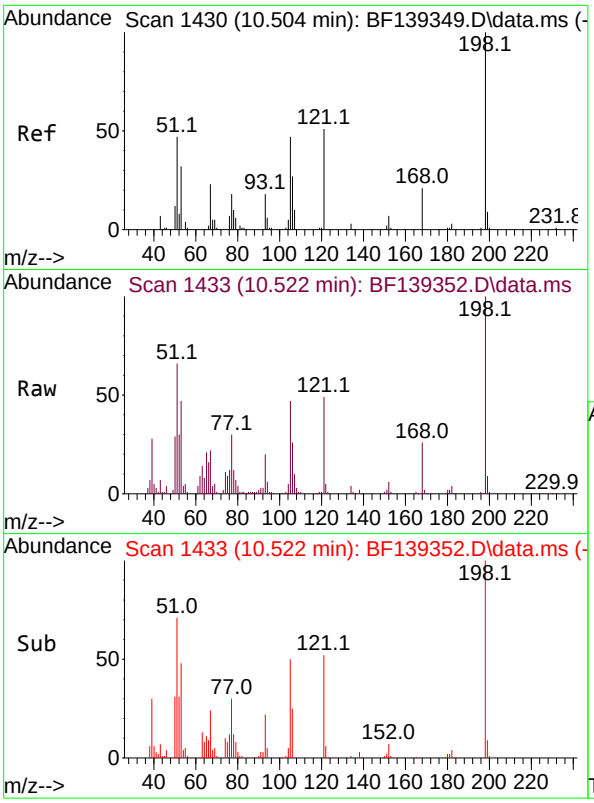


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:188 Resp: 229453

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.2	6.6	9.8

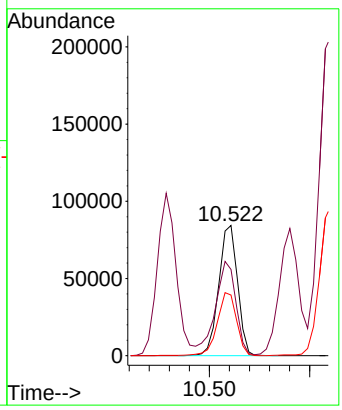




#65
4,6-Dinitro-2-methylphenol
Concen: 90.485 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:198 Resp: 10957

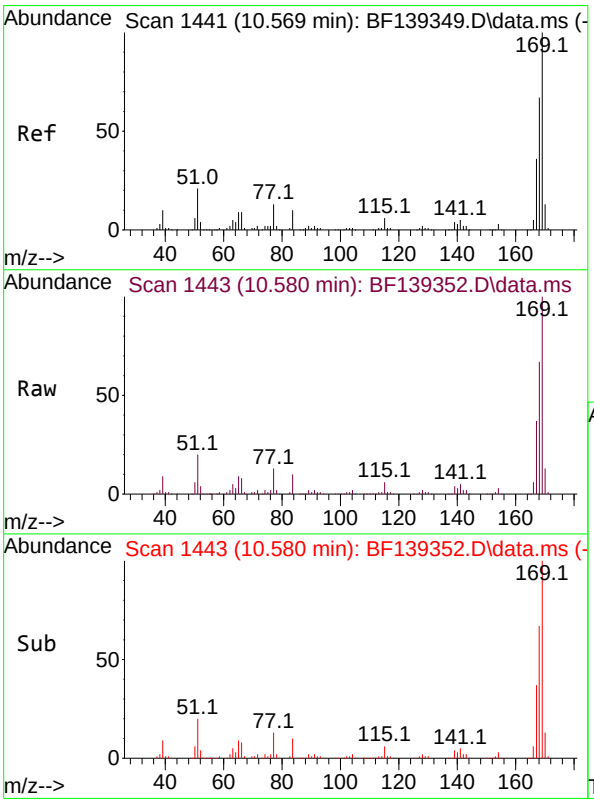
Ion	Ratio	Lower	Upper
198	100		
51	66.2	50.4	90.4
105	46.6	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

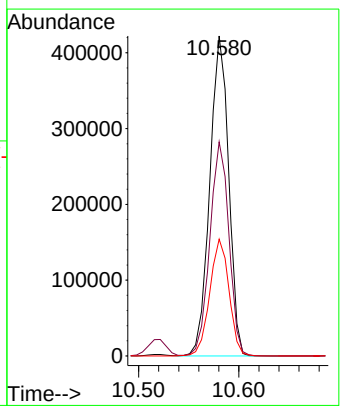
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

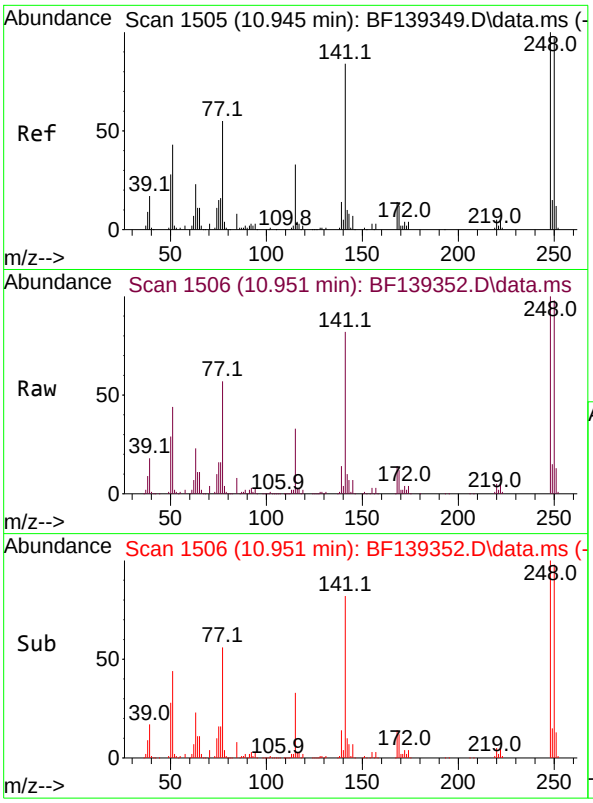


#66
n-Nitrosodiphenylamine
Concen: 82.225 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:169 Resp: 551600

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.6	80.4
167	36.5	28.7	43.1

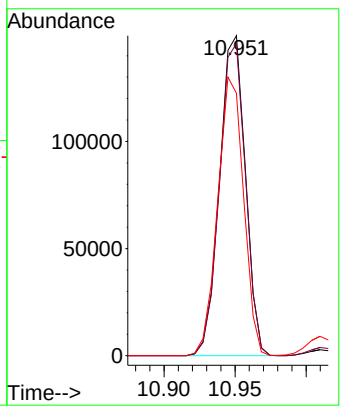




#67
4-Bromophenyl-phenylether
Concen: 83.184 ng
RT: 10.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:248 Resp: 18914

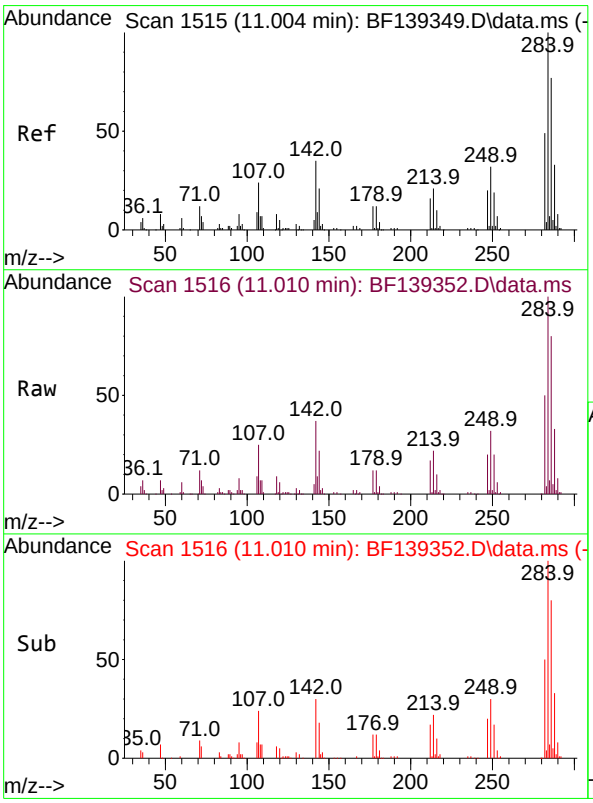
Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.6	116.4
141	82.0	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

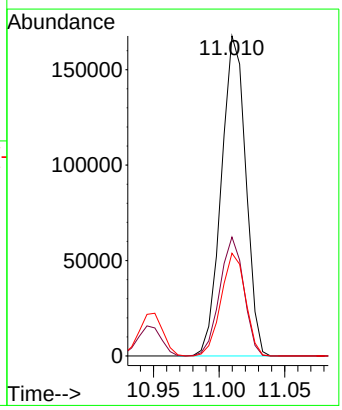
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

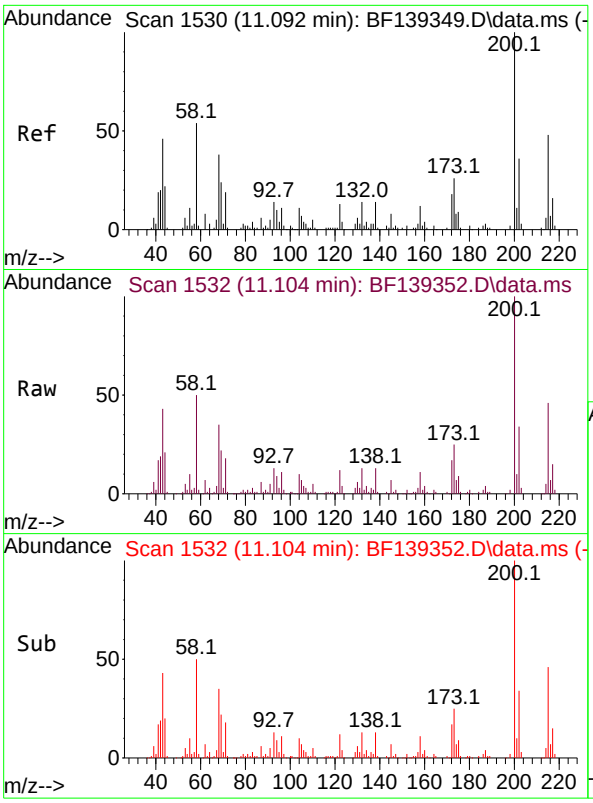


#68
Hexachlorobenzene
Concen: 81.487 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:284 Resp: 217457

Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.0	42.0
249	32.1	25.3	37.9

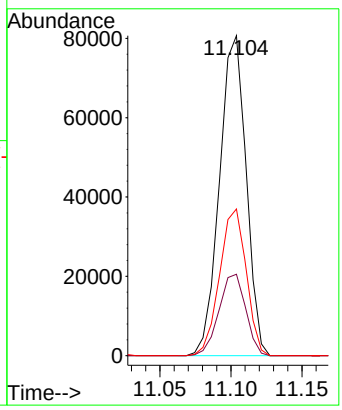




#69
Atrazine
Concen: 65.847 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:200 Resp: 10516

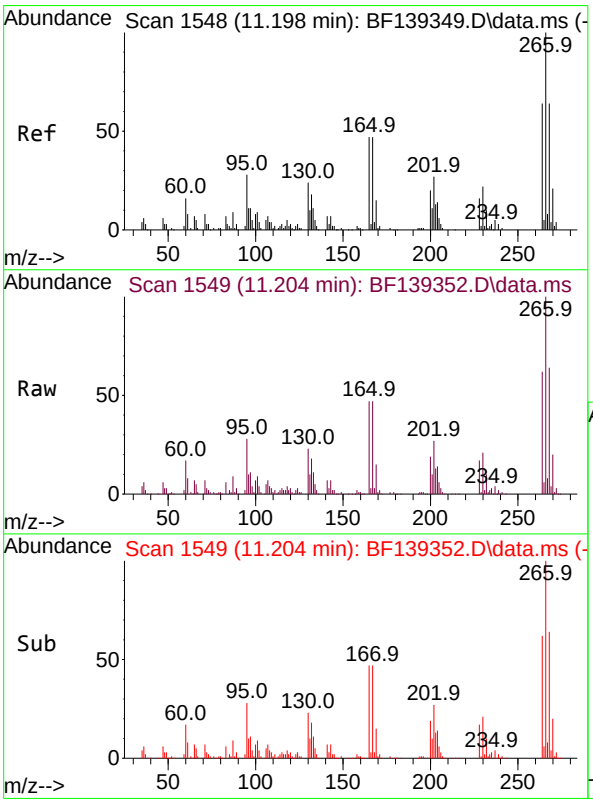
Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.1	46.1
215	45.9	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

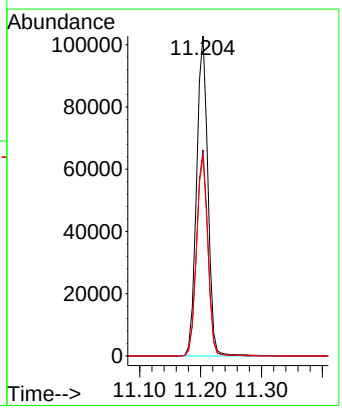
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

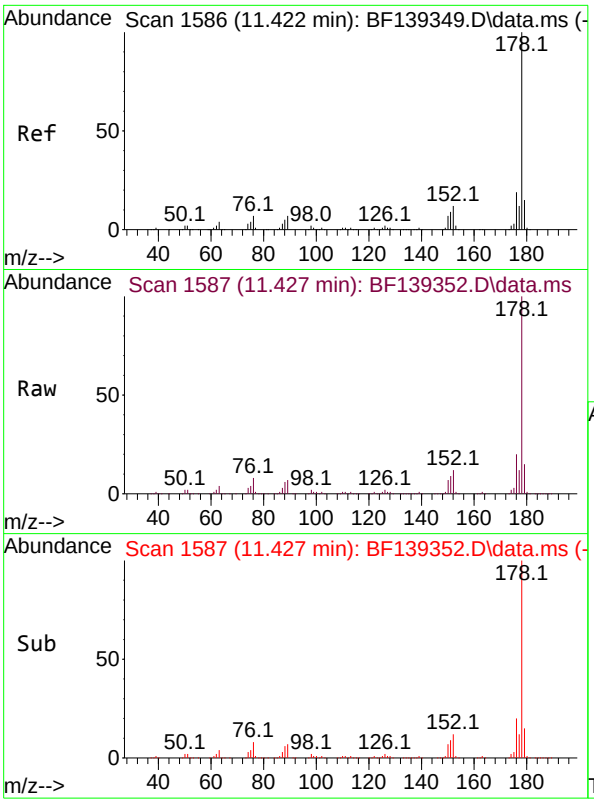


#70
Pentachlorophenol
Concen: 82.799 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:266 Resp: 132585

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	62.4	51.4	77.0

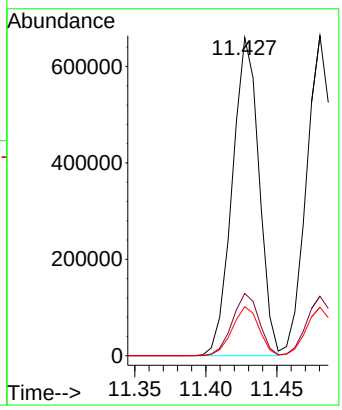




#71
Phenanthrene
Concen: 78.146 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:178 Resp: 86508

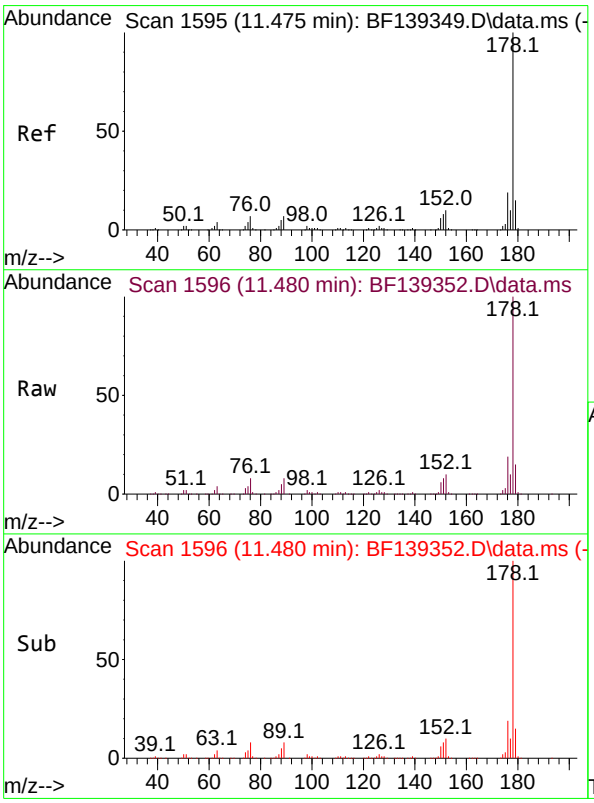
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.4	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

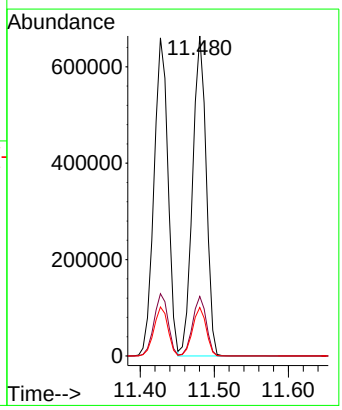
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

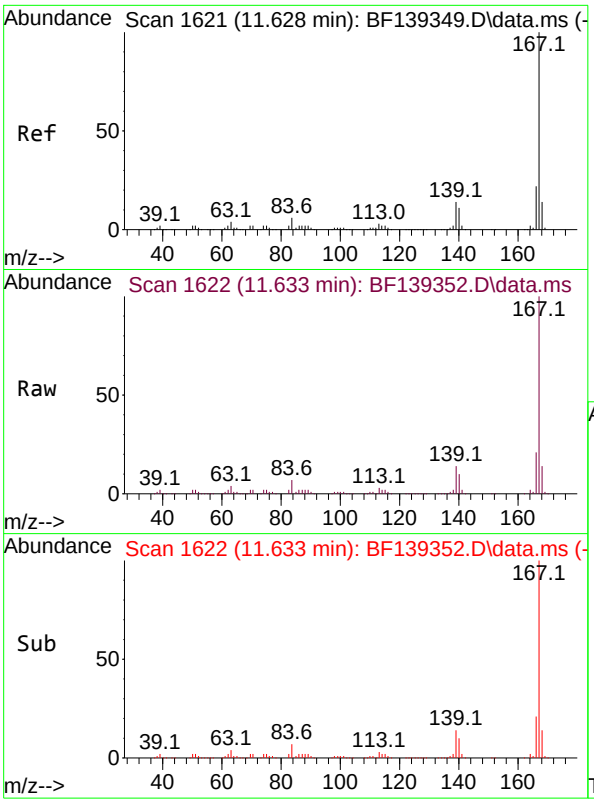


#72
Anthracene
Concen: 78.198 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:178 Resp: 846379

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.0	18.0

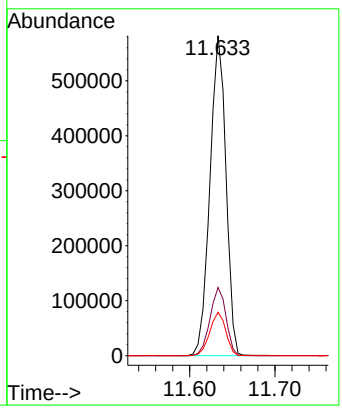




#73
Carbazole
Concen: 73.649 ng
RT: 11.633 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:167 Resp: 76293

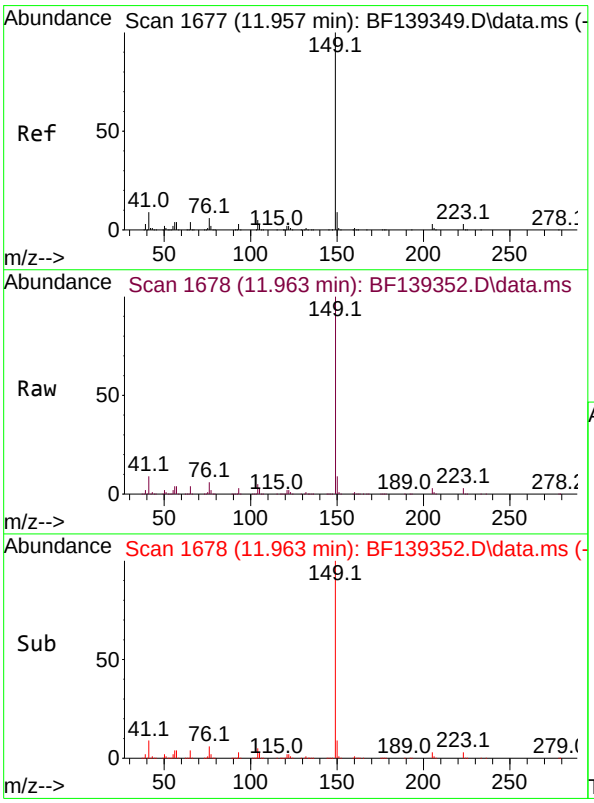
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

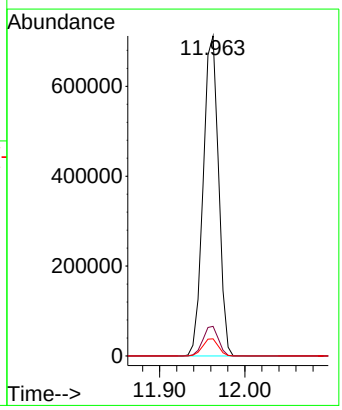
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

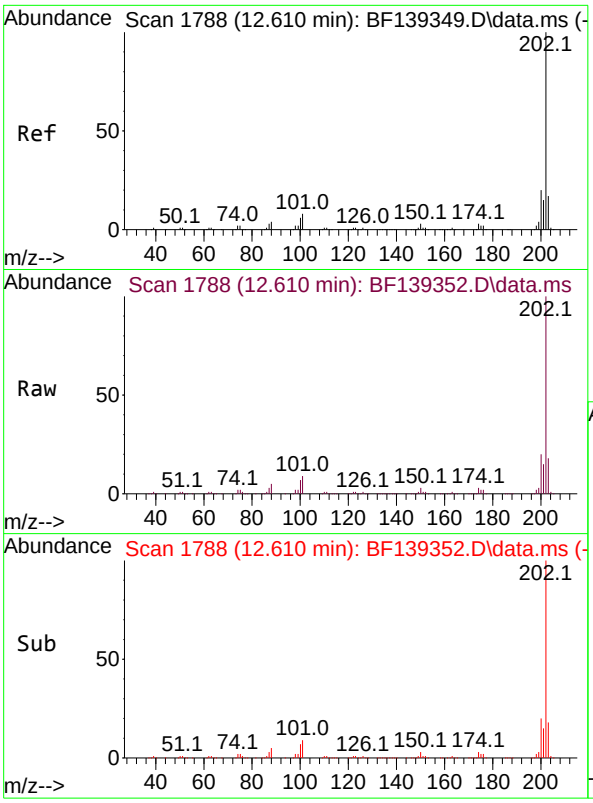


#74
Di-n-butylphthalate
Concen: 77.132 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 890092

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.4	4.3	6.5

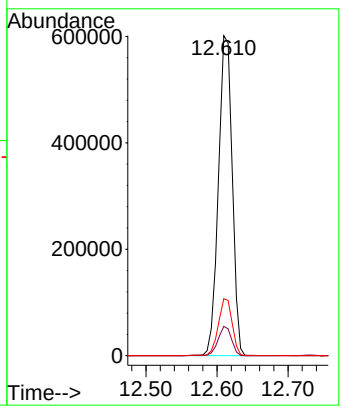




#75
Fluoranthene
Concen: 68.469 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:202 Resp: 80943

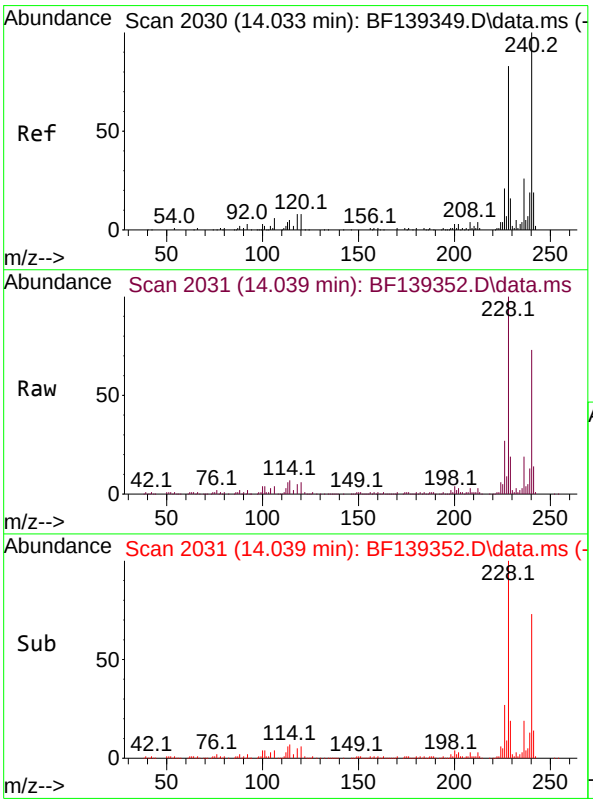
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	27.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

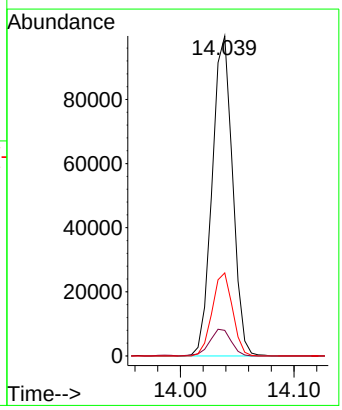
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

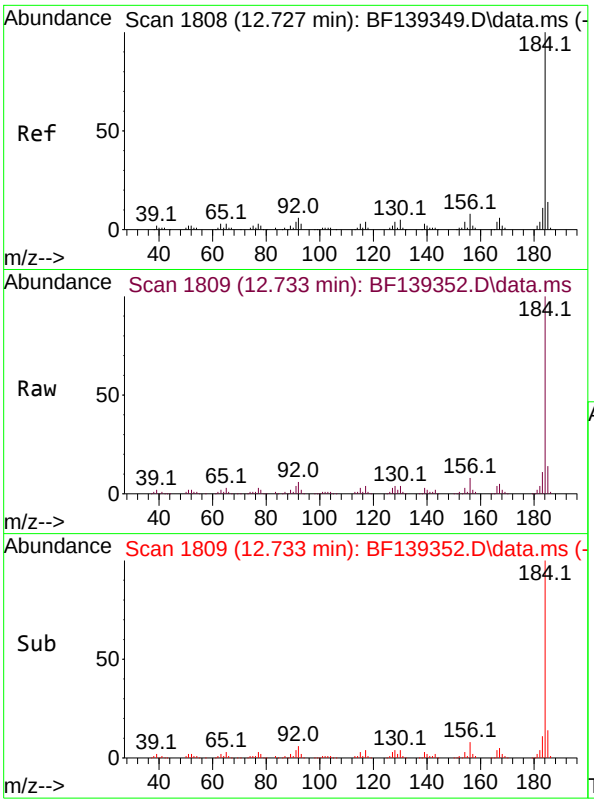


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:240 Resp: 124546

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.2
236	26.0	20.9	31.3

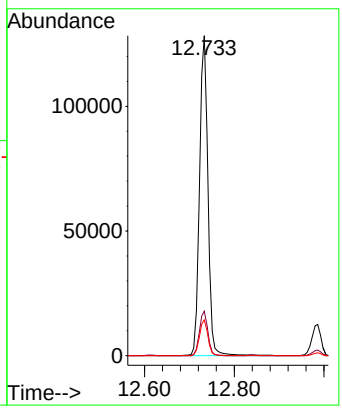




#77
Benzidine
Concen: 93.243 ng
RT: 12.733 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:184 Resp: 16638

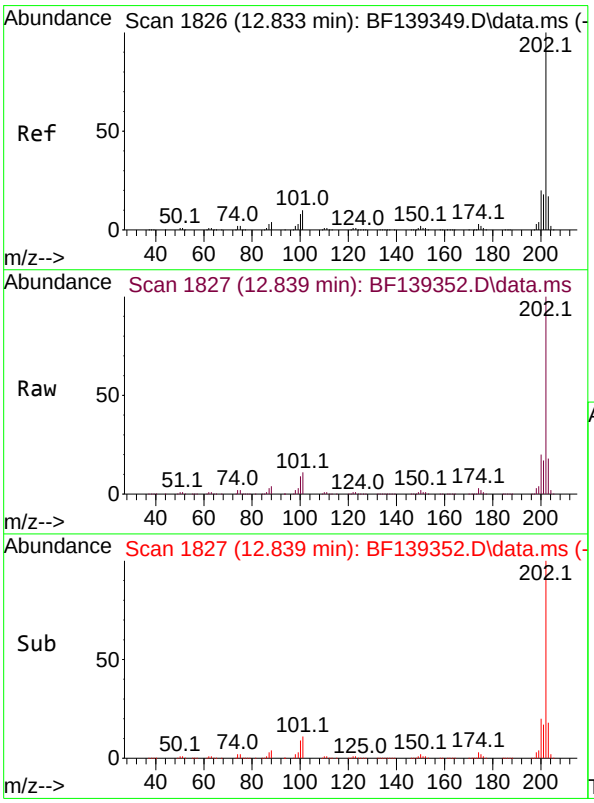
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.2	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

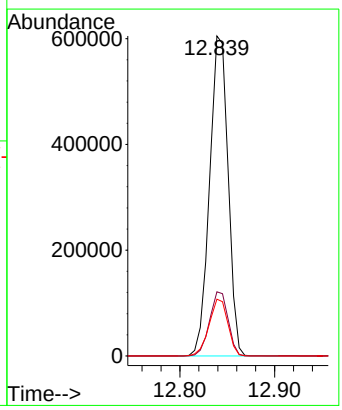
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

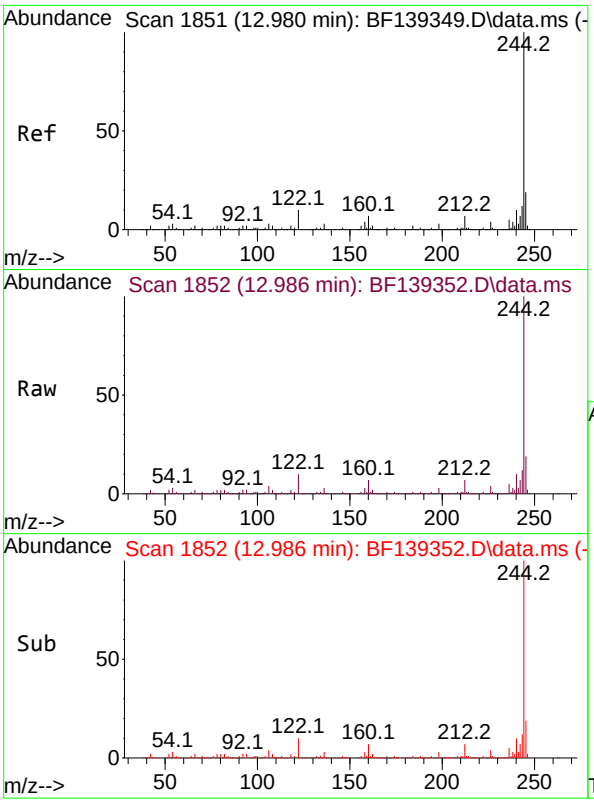


#78
Pyrene
Concen: 76.737 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:202 Resp: 820624

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	17.8	13.9	20.9

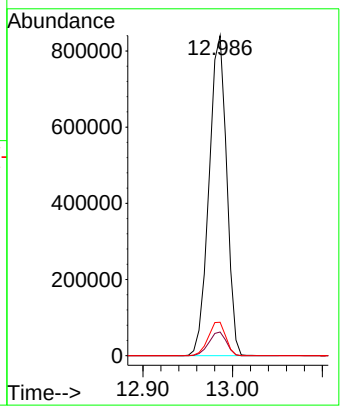




#79
Terphenyl-d14
Concen: 150.985 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:244 Resp: 114564

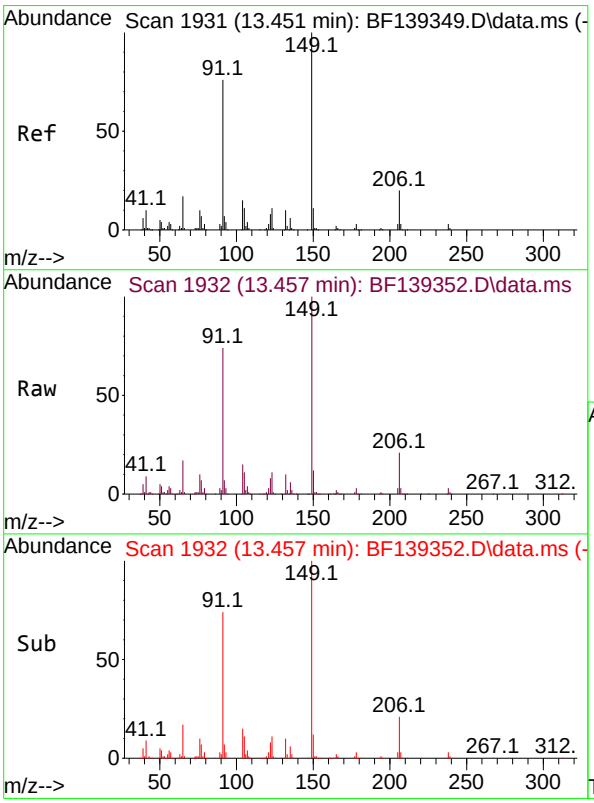
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.4	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

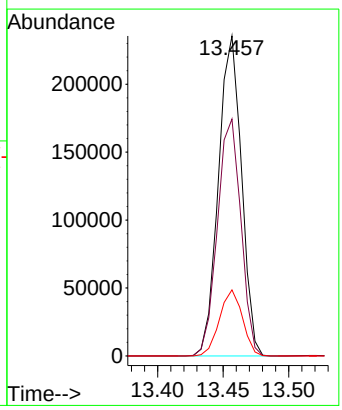
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

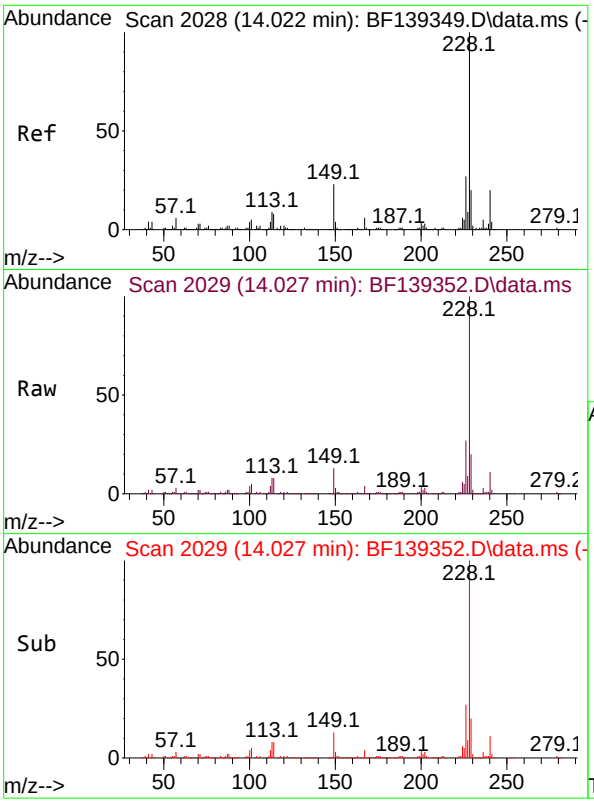


#80
Butylbenzylphthalate
Concen: 79.080 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 287851

Ion	Ratio	Lower	Upper
149	100		
91	74.1	60.9	91.3
206	20.7	15.8	23.8

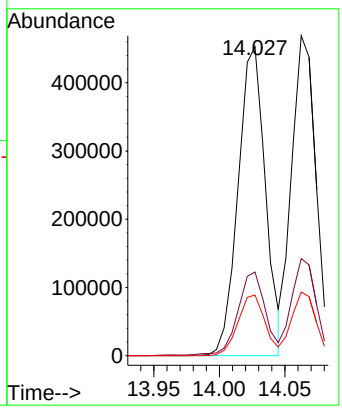




#81
Benzo(a)anthracene
Concen: 79.532 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:228 Resp: 65613

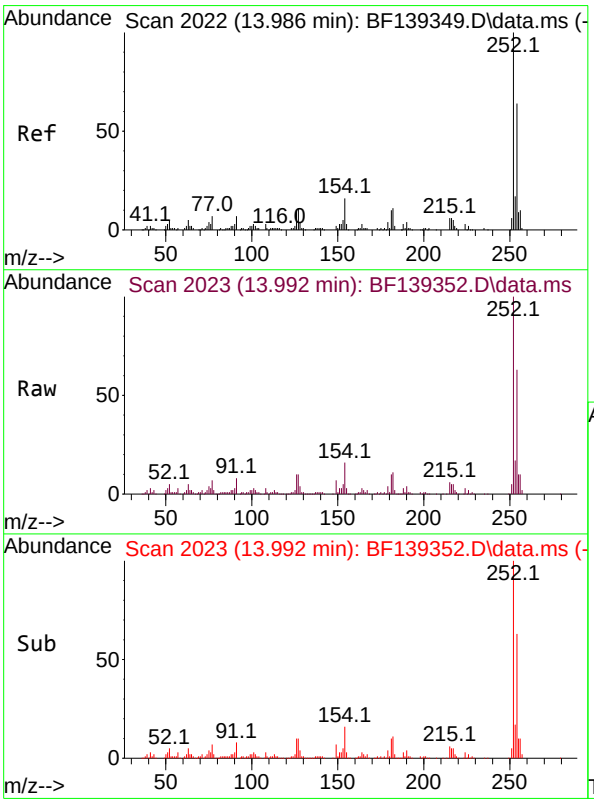
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

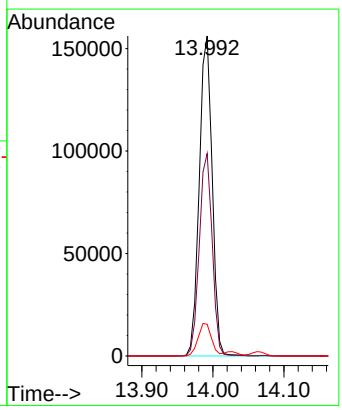
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

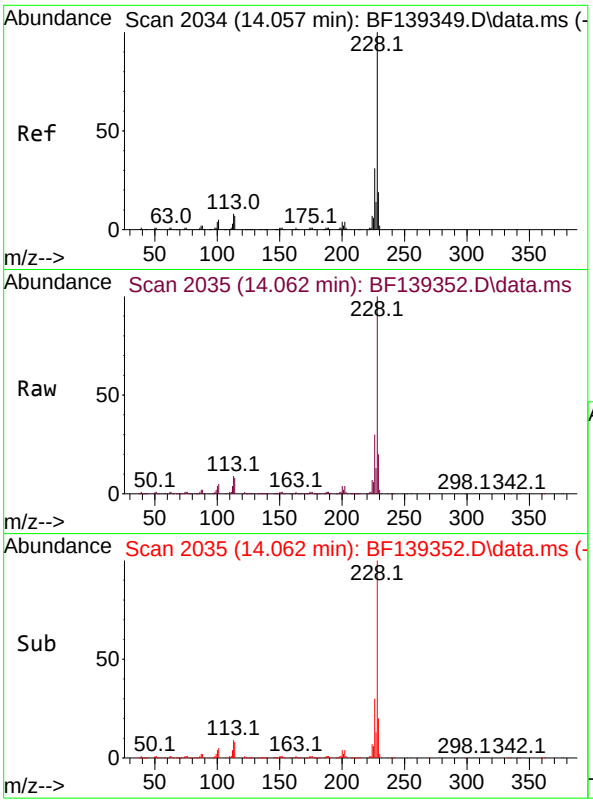


#82
3,3'-Dichlorobenzidine
Concen: 81.940 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:252 Resp: 197966

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.2
126	9.9	7.7	11.5

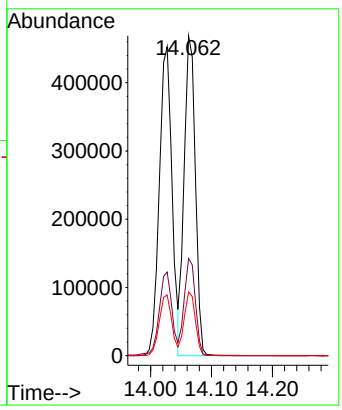




#83
Chrysene
Concen: 79.146 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:228 Resp: 60071

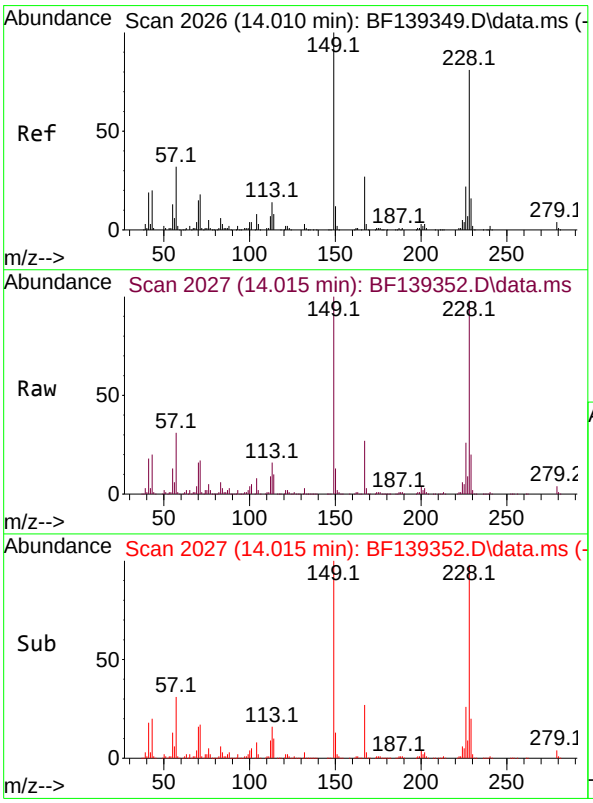
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.9	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

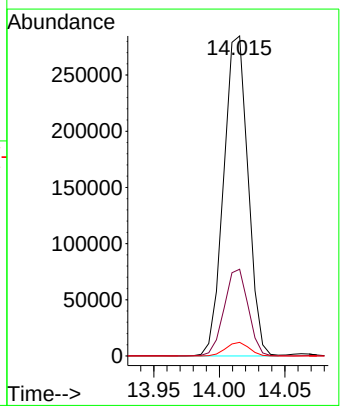
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

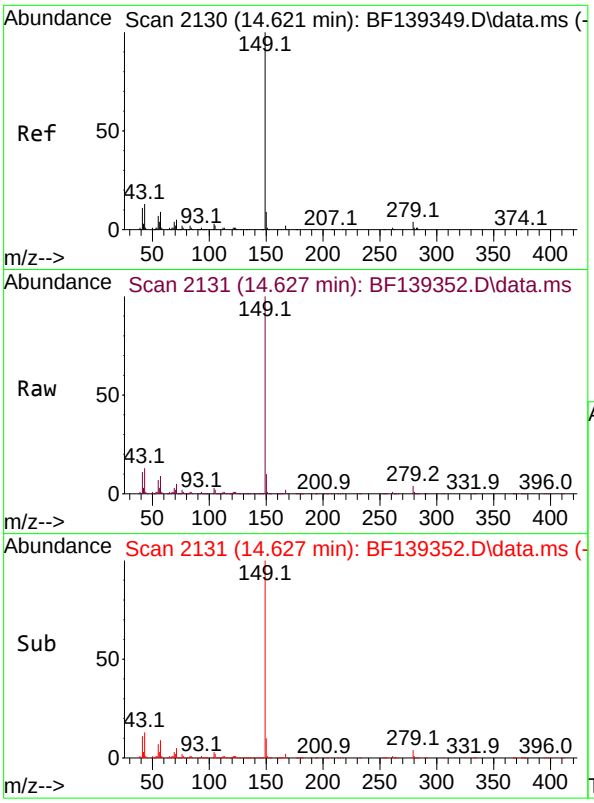


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.454 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 367918

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.2	3.3	4.9

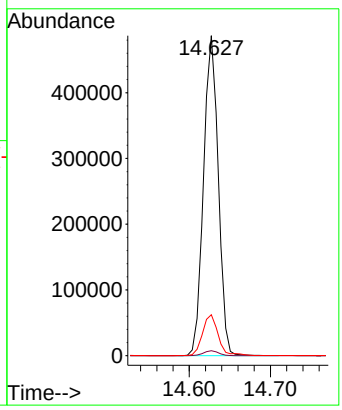




#85
Di-n-octyl phthalate
Concen: 89.860 ng
RT: 14.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 61279

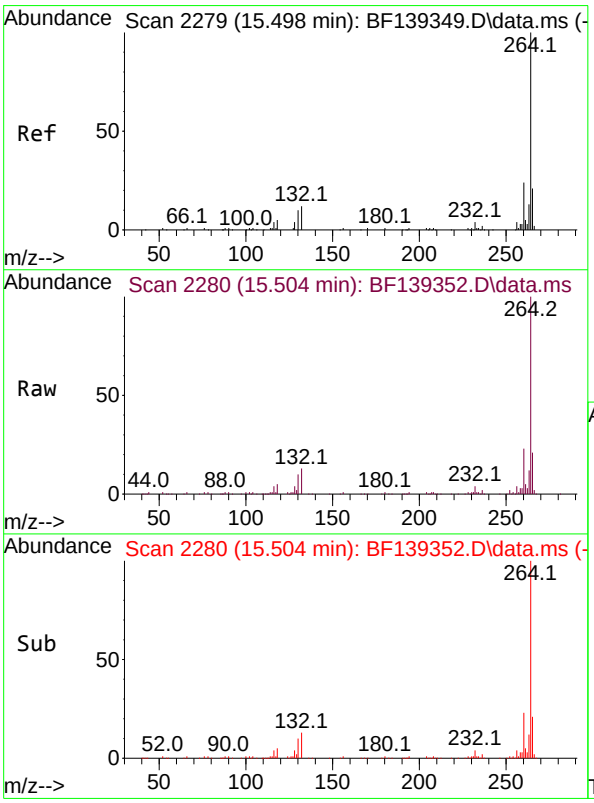
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.8	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

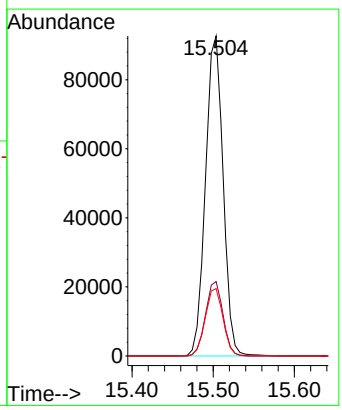
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

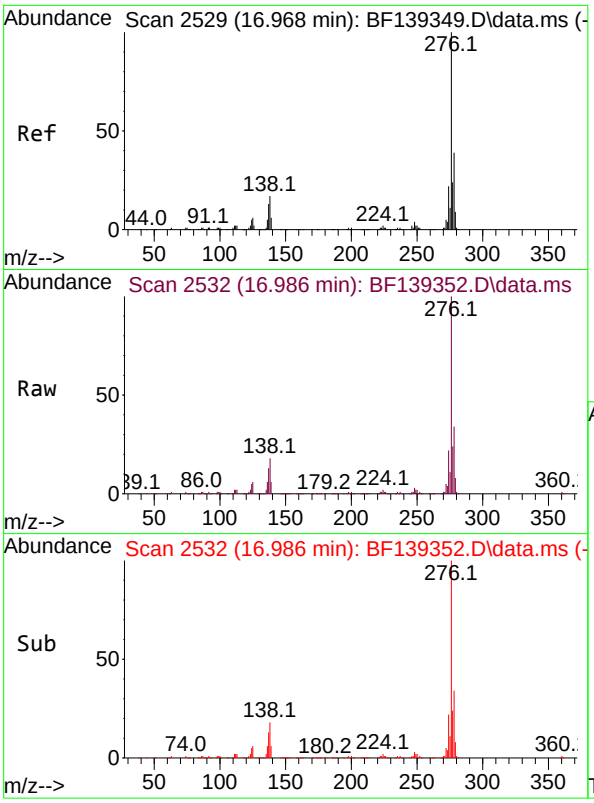


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:264 Resp: 139312

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	16.6	25.0

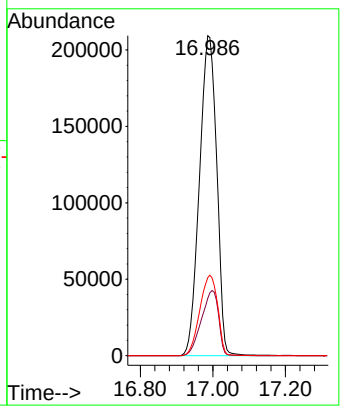




#87
Indeno(1,2,3-cd)pyrene
Concen: 83.439 ng
RT: 16.986 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:276 Resp: 69120

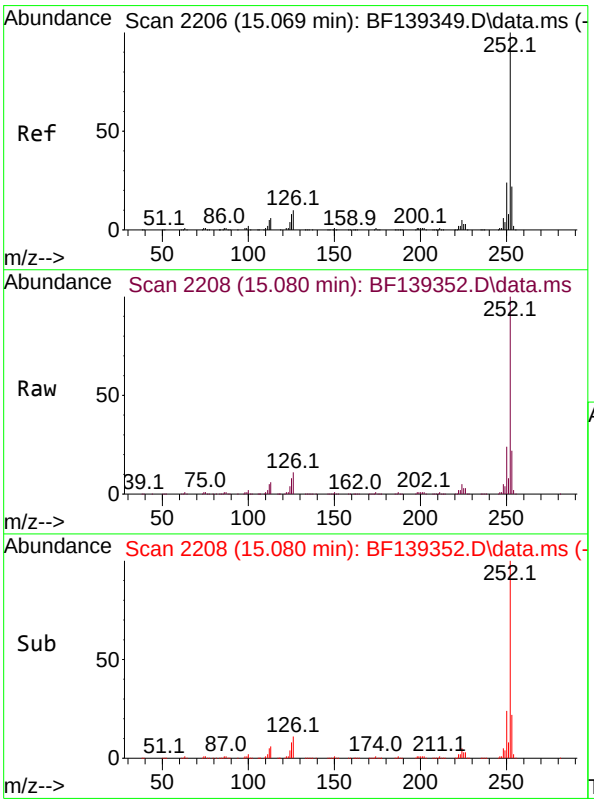
Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.4	23.2
277	26.0	20.4	30.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

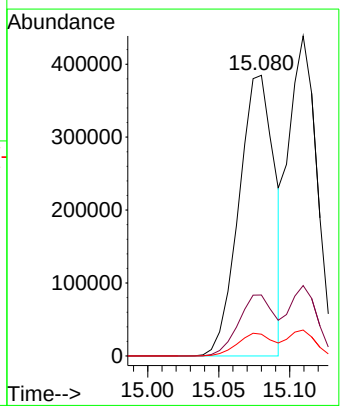
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

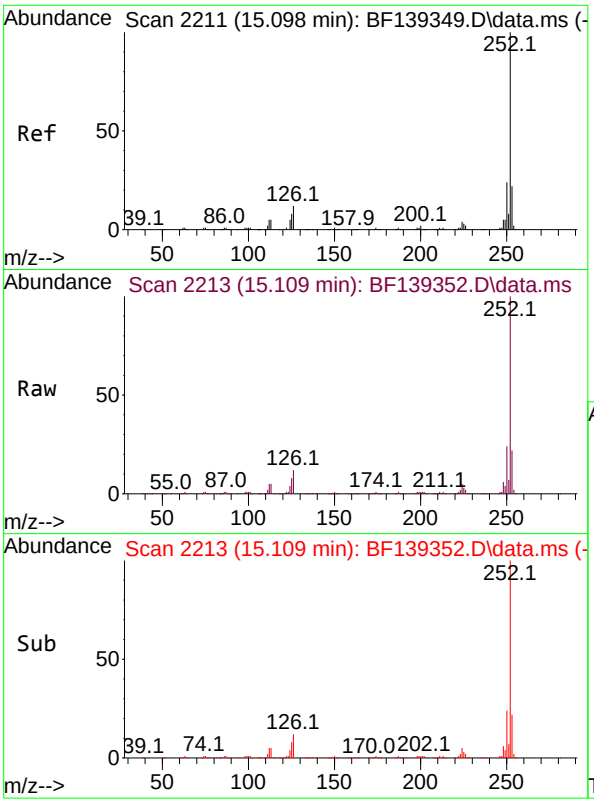


#88
Benzo(b)fluoranthene
Concen: 77.990 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:252 Resp: 670084

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.7	6.2	9.2

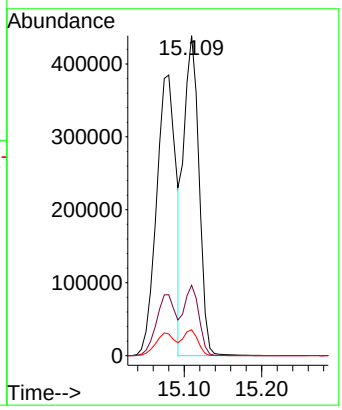




#89
Benzo(k)fluoranthene
Concen: 75.894 ng
RT: 15.109 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:252 Resp: 60123

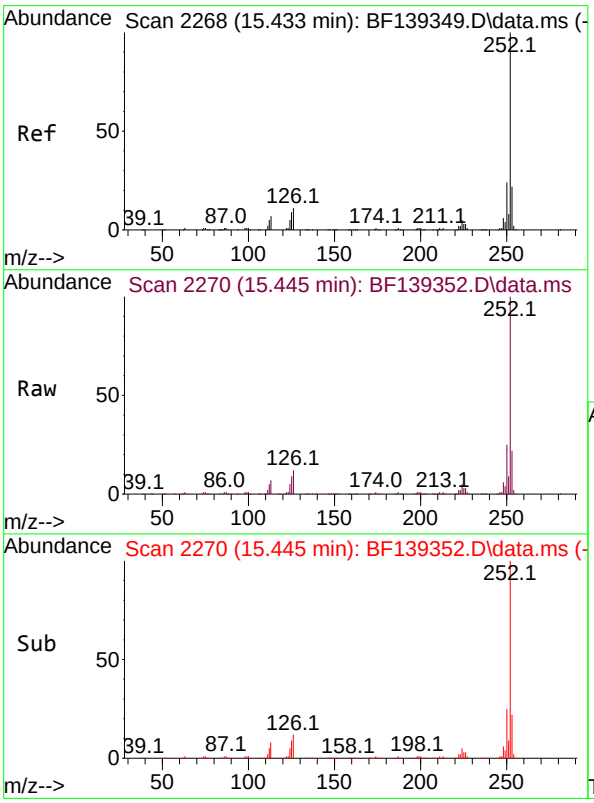
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	8.1	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

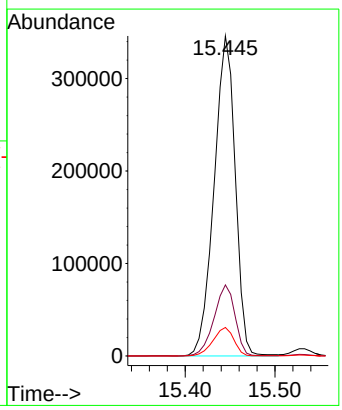
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

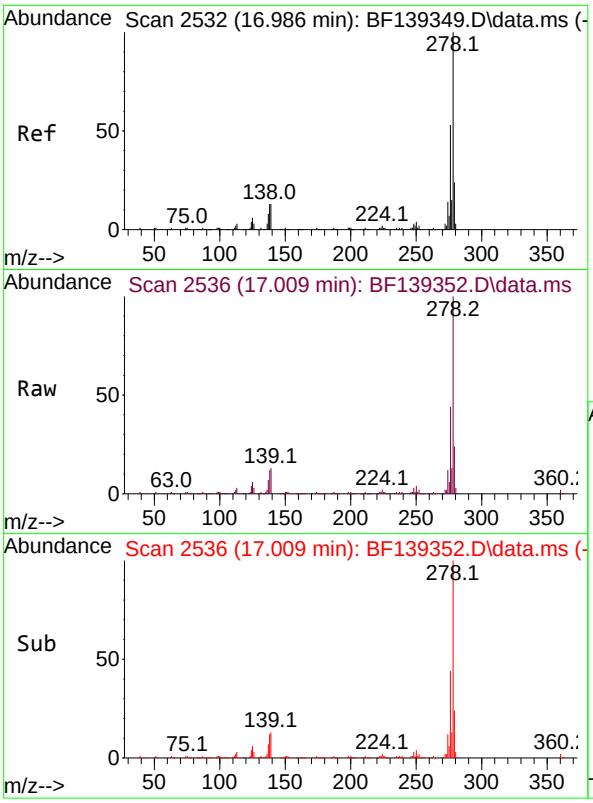


#90
Benzo(a)pyrene
Concen: 79.594 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:252 Resp: 567157

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.9	6.8	10.2

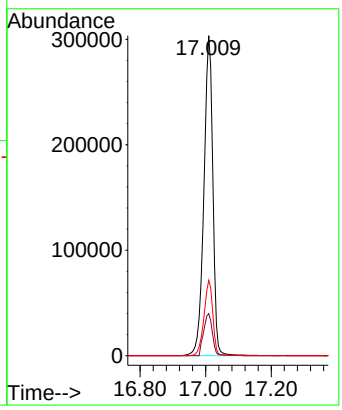




#91
Dibenzo(a,h)anthracene
Concen: 84.470 ng
RT: 17.009 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:278 Resp: 57821

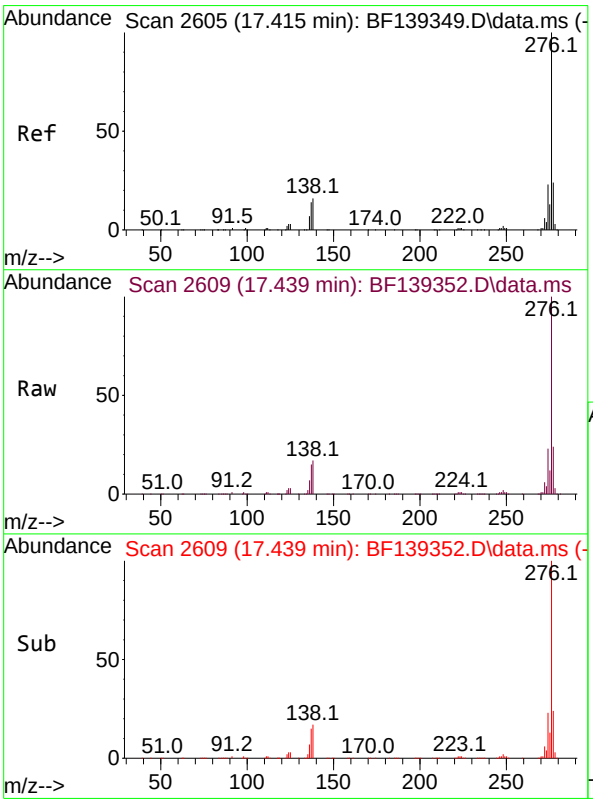
Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.2
279	23.5	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

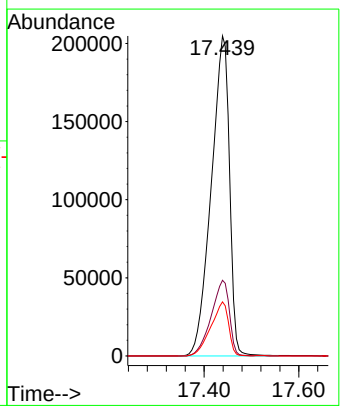
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#92
Benzo(g,h,i)perylene
Concen: 80.751 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:276 Resp: 547299

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	16.9	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	62446	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	224439	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	123398	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232644	20.000	ng		0.00
76) Chrysene-d12	14.033	240	126339	20.000	ng		0.00
86) Perylene-d12	15.498	264	129089	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	308029	80.470	ng		0.00
7) Phenol-d6	6.510	99	407735	81.152	ng		0.00
23) Nitrobenzene-d5	7.445	82	402094	84.223	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	109581	83.413	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	722819	82.154	ng		0.00
79) Terphenyl-d14	12.980	244	677284	87.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	60123	39.149	ng		99
3) Pyridine	3.404	79	145860	43.077	ng		97
4) n-Nitrosodimethylamine	3.369	42	119146	40.597	ng		99
6) Aniline	6.545	93	169079	44.592	ng		98
8) 2-Chlorophenol	6.663	128	162520	41.245	ng		98
9) Benzaldehyde	6.428	77	123057	42.392	ng		99
10) Phenol	6.522	94	212792	41.583	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	146864	37.760	ng		98
12) 1,3-Dichlorobenzene	6.822	146	180304	40.235	ng		100
13) 1,4-Dichlorobenzene	6.898	146	182375	40.273	ng		100
14) 1,2-Dichlorobenzene	7.051	146	175523	41.020	ng		99
15) Benzyl Alcohol	7.022	79	165457	41.276	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	247051	41.216	ng		99
17) 2-Methylphenol	7.128	107	126426	40.384	ng		100
18) Hexachloroethane	7.392	117	71112	41.228	ng		100
19) n-Nitroso-di-n-propyla...	7.292	70	123157	41.364	ng		98
20) 3+4-Methylphenols	7.286	107	174364	40.824	ng	#	89
22) Acetophenone	7.292	105	241549	41.167	ng		96
24) Nitrobenzene	7.463	77	204895	41.700	ng		98
25) Isophorone	7.698	82	312264	41.358	ng		99
26) 2-Nitrophenol	7.775	139	83362	43.547	ng		99
27) 2,4-Dimethylphenol	7.810	122	105918	41.945	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	180121	41.858	ng		97
29) 2,4-Dichlorophenol	8.016	162	135162	42.134	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	154576	41.355	ng		99
31) Naphthalene	8.186	128	485689	41.452	ng		100
32) Benzoic acid	7.934	122	104770	44.336	ng		97
33) 4-Chloroaniline	8.233	127	156112	43.552	ng		100
34) Hexachlorobutadiene	8.298	225	105249	41.447	ng		99
35) Caprolactam	8.604	113	40829	41.375	ng		100
36) 4-Chloro-3-methylphenol	8.710	107	152639	41.634	ng		99
37) 2-Methylnaphthalene	8.875	142	302423	40.664	ng		100
38) 1-Methylnaphthalene	8.975	142	300045	41.093	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	152023	41.569	ng		99
41) Hexachlorocyclopentadiene	9.022	237	52287	40.948	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	99943	42.005	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

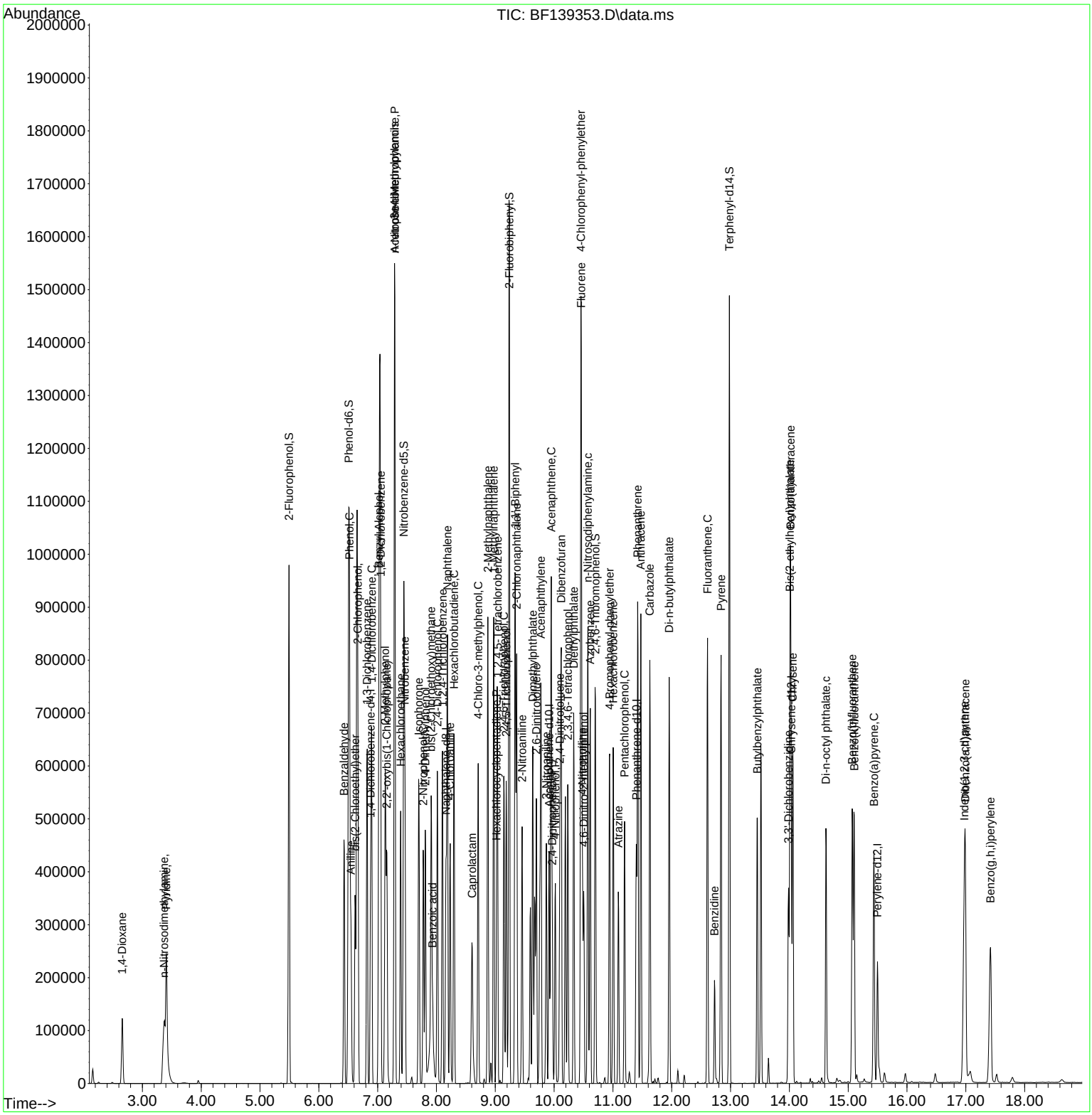
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	106352	42.375	ng	98
46) 1,1'-Biphenyl	9.339	154	389495	41.028	ng	100
47) 2-Chloronaphthalene	9.363	162	293969	41.415	ng	99
48) 2-Nitroaniline	9.457	65	112704	42.689	ng	97
49) Acenaphthylene	9.775	152	438775	41.065	ng	100
50) Dimethylphthalate	9.639	163	331392	40.917	ng	100
51) 2,6-Dinitrotoluene	9.698	165	77298	43.082	ng	99
52) Acenaphthene	9.951	154	310457	41.632	ng	99
53) 3-Nitroaniline	9.869	138	78213	43.619	ng	95
54) 2,4-Dinitrophenol	9.969	184	41262	41.271	ng	90
55) Dibenzofuran	10.122	168	428132	41.190	ng	98
56) 4-Nitrophenol	10.022	139	61840	41.679	ng	93
57) 2,4-Dinitrotoluene	10.098	165	105229	43.441	ng	99
58) Fluorene	10.463	166	352269	41.538	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	85035	40.958	ng	98
60) Diethylphthalate	10.333	149	346481	41.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169915	41.227	ng	96
62) 4-Nitroaniline	10.480	138	80817	41.297	ng	98
63) Azobenzene	10.616	77	341882	41.589	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	53225	43.348	ng	98
66) n-Nitrosodiphenylamine	10.575	169	285103	41.916	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	96974	42.063	ng	100
68) Hexachlorobenzene	11.004	284	112658	41.637	ng	96
69) Atrazine	11.092	200	56838	35.101	ng	98
70) Pentachlorophenol	11.198	266	69995	43.112	ng	97
71) Phenanthrene	11.422	178	466219	41.537	ng	100
72) Anthracene	11.474	178	454834	41.446	ng	99
73) Carbazole	11.627	167	432323	41.161	ng	100
74) Di-n-butylphthalate	11.957	149	506151	43.260	ng	100
75) Fluoranthene	12.610	202	478394	39.911	ng	99
77) Benzidine	12.727	184	99376	54.902	ng	99
78) Pyrene	12.839	202	471161	43.433	ng	100
80) Butylbenzylphthalate	13.457	149	159953	43.319	ng	97
81) Benzo(a)anthracene	14.021	228	342764	40.958	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	100295	40.924	ng	98
83) Chrysene	14.057	228	320335	41.606	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	201075	42.807	ng	98
85) Di-n-octyl phthalate	14.621	149	295691	42.744	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	327960	42.725	ng	99
88) Benzo(b)fluoranthene	15.068	252	331607	41.652	ng	100
89) Benzo(k)fluoranthene	15.104	252	281522	38.351	ng	99
90) Benzo(a)pyrene	15.439	252	275944	41.792	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	271229	42.761	ng	99
92) Benzo(g,h,i)perylene	17.421	276	259119	41.259	ng	99

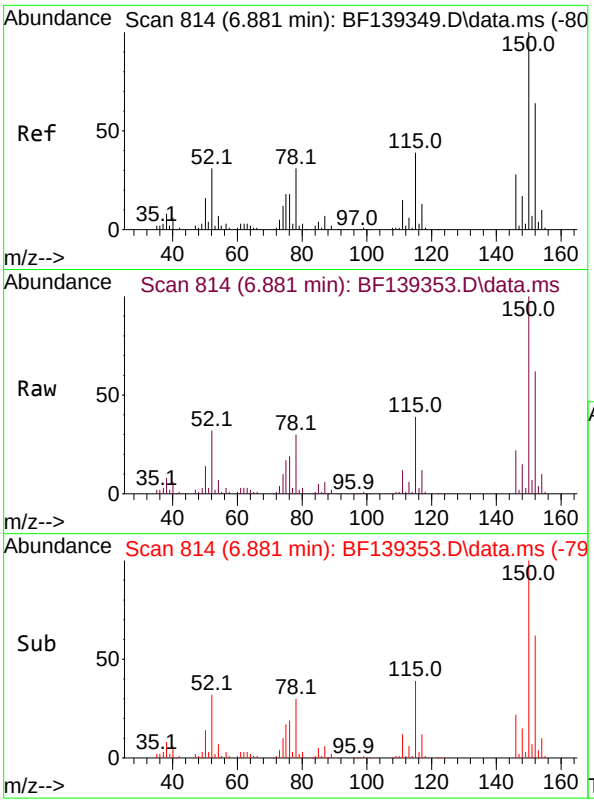
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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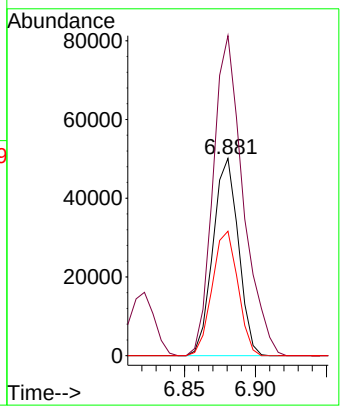


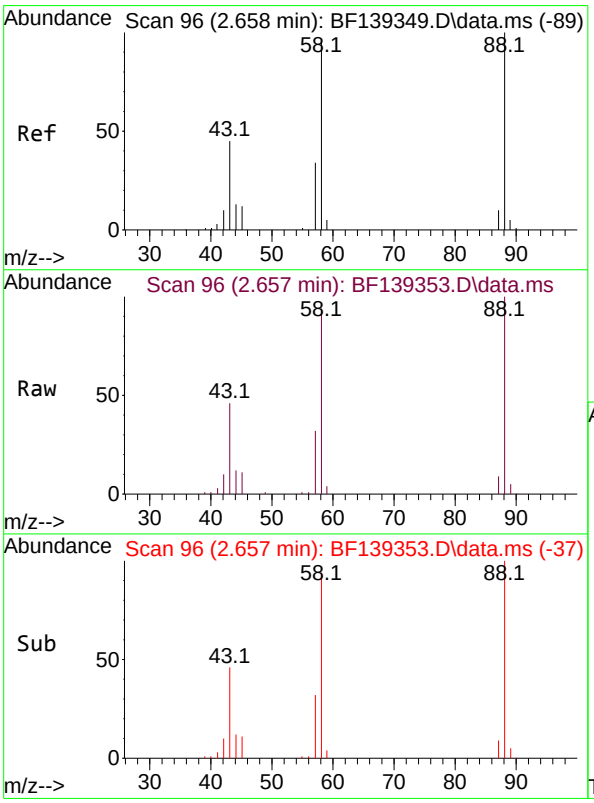
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:152 Resp: 62446

Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.1	186.1
115	63.1	48.1	72.1

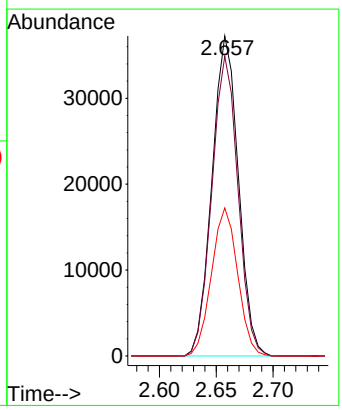


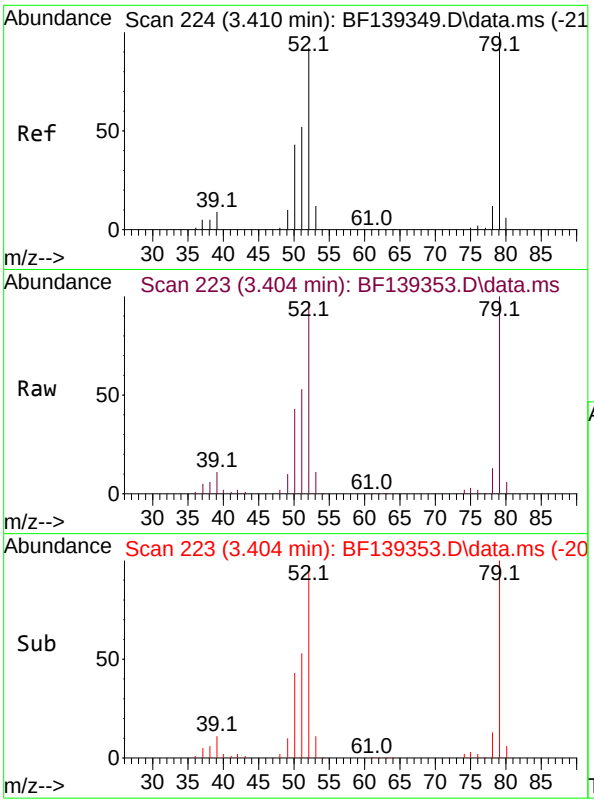


#2
1,4-Dioxane
Concen: 39.149 ng
RT: 2.657 min Scan# 96
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 88 Resp: 60123

Ion	Ratio	Lower	Upper
88	100		
58	92.7	74.8	112.2
43	45.9	36.4	54.6



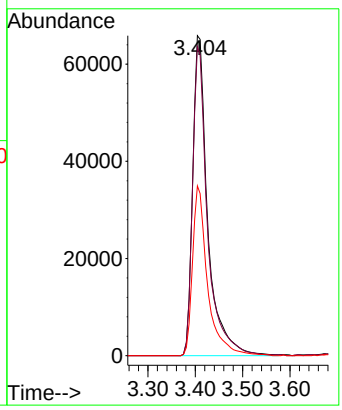


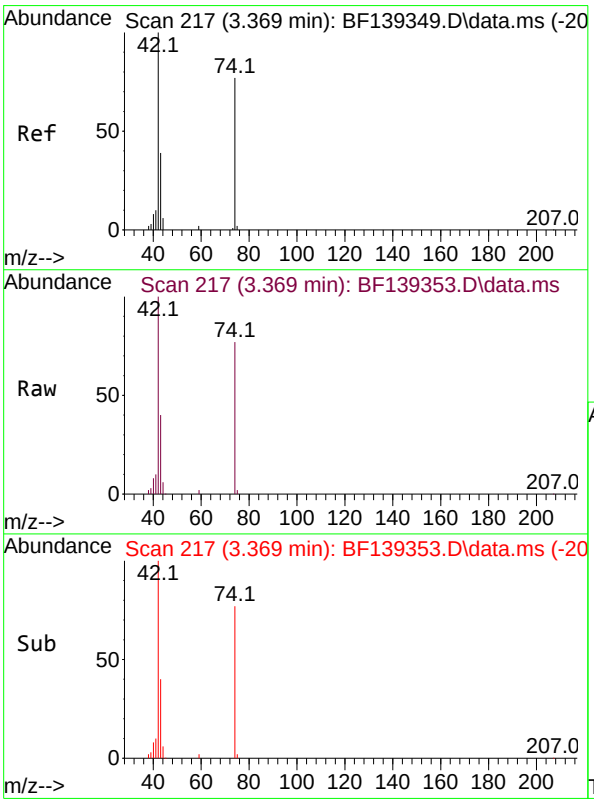
#3
Pyridine
Concen: 43.077 ng
RT: 3.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 79 Resp: 145860

Ion	Ratio	Lower	Upper
79	100		
52	96.6	73.8	110.8
51	53.1	41.8	62.6

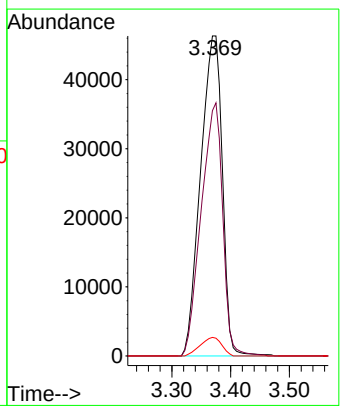


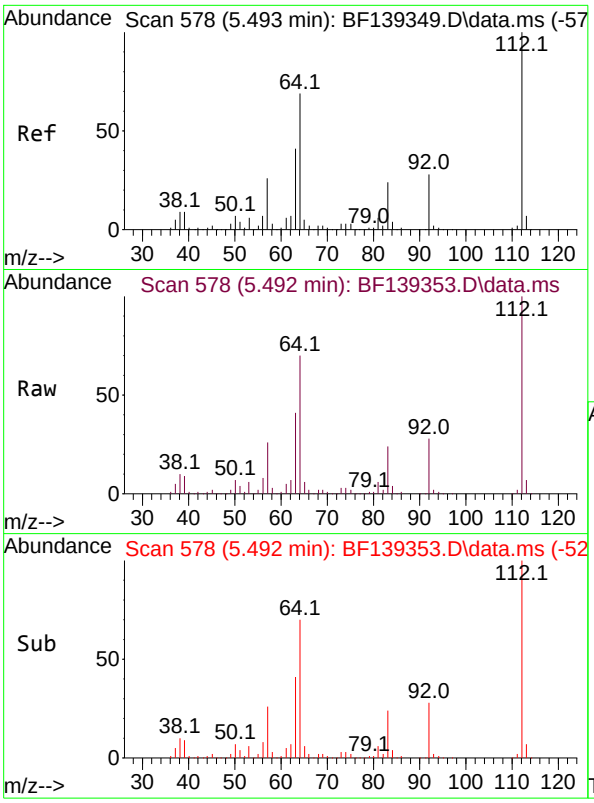


#4
n-Nitrosodimethylamine
Concen: 40.597 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 42 Resp: 119146

Ion	Ratio	Lower	Upper
42	100		
74	76.7	61.8	92.8
44	5.8	4.8	7.2



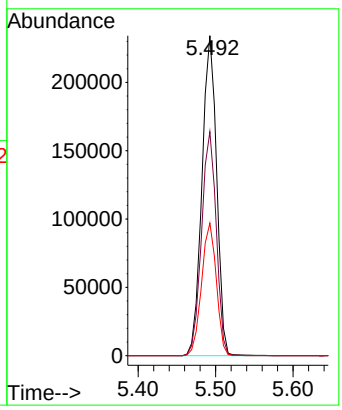


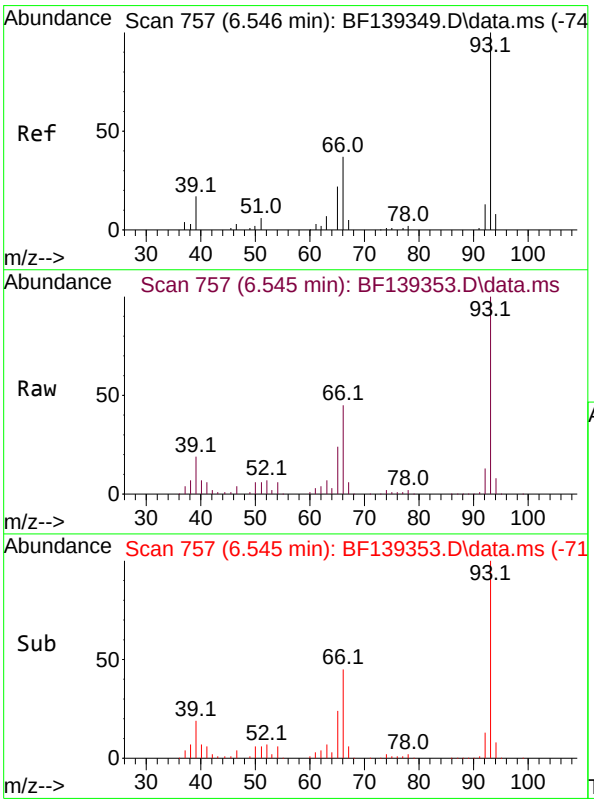
#5
2-Fluorophenol
Concen: 80.470 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.001 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:112 Resp: 308029

Ion	Ratio	Lower	Upper
112	100		
64	70.0	54.8	82.2
63	41.5	33.0	49.4

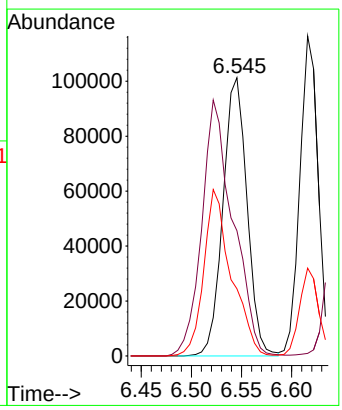


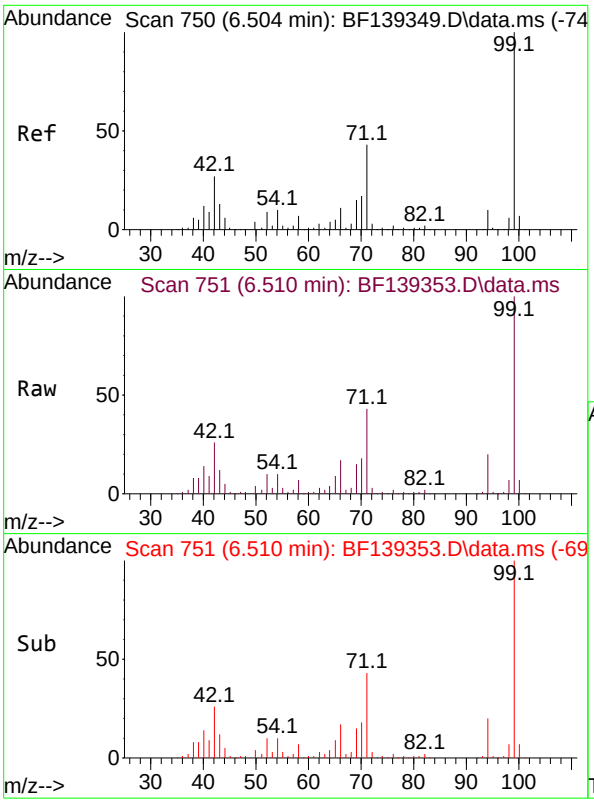


#6
Aniline
Concen: 44.592 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 93 Resp: 169079

Ion	Ratio	Lower	Upper
93	100		
66	45.0	35.4	53.0
65	24.2	18.2	27.4



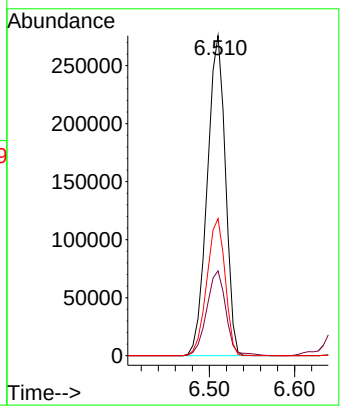


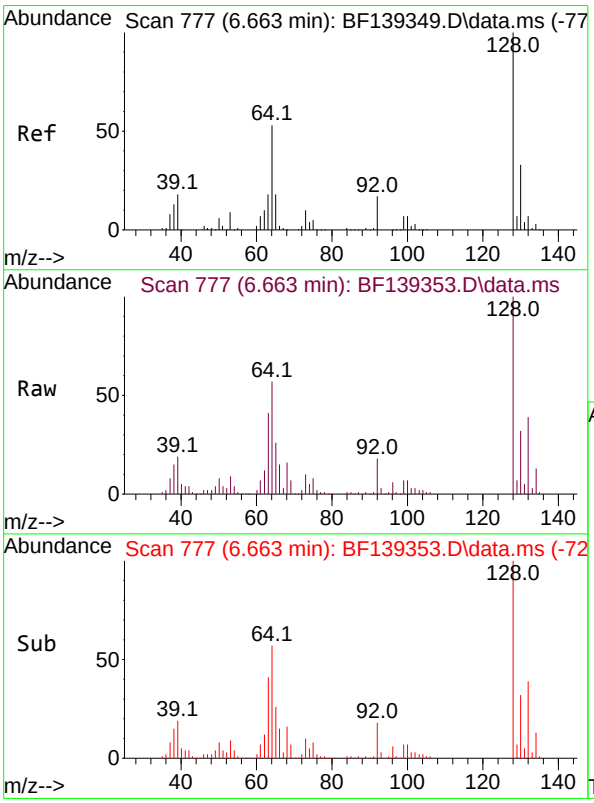
#7
Phenol-d6
Concen: 81.152 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 99 Resp: 407735

Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.9	32.9
71	42.9	34.6	52.0

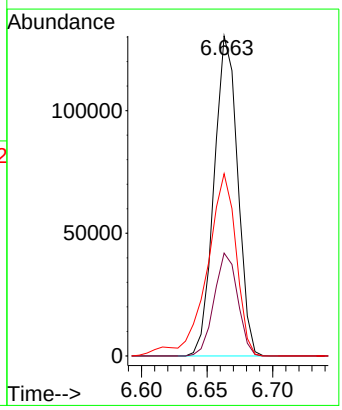


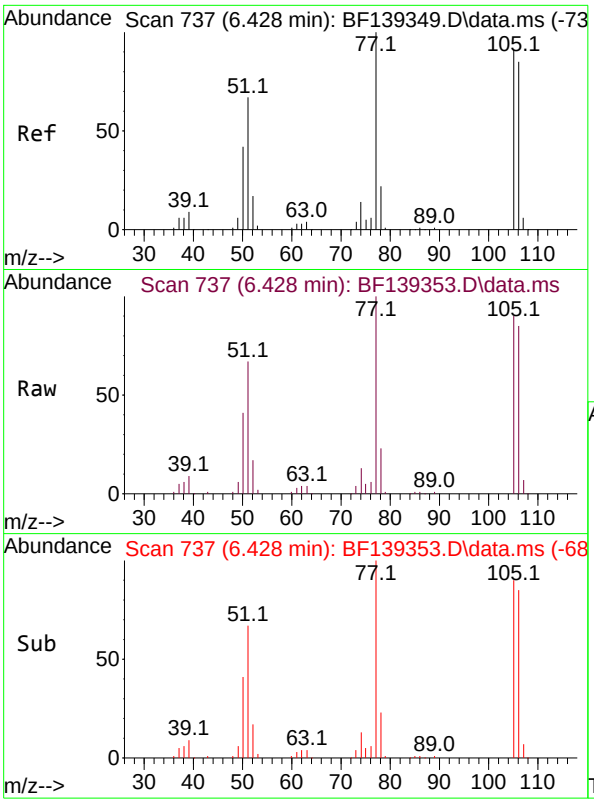


#8
2-Chlorophenol
Concen: 41.245 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:128 Resp: 162520

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.8	52.8
64	56.9	35.1	75.1



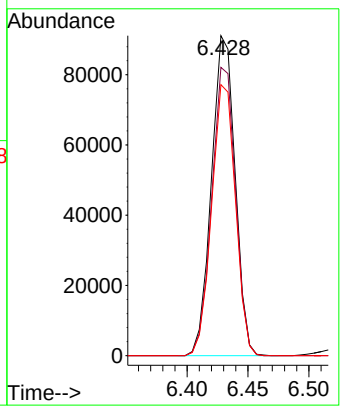


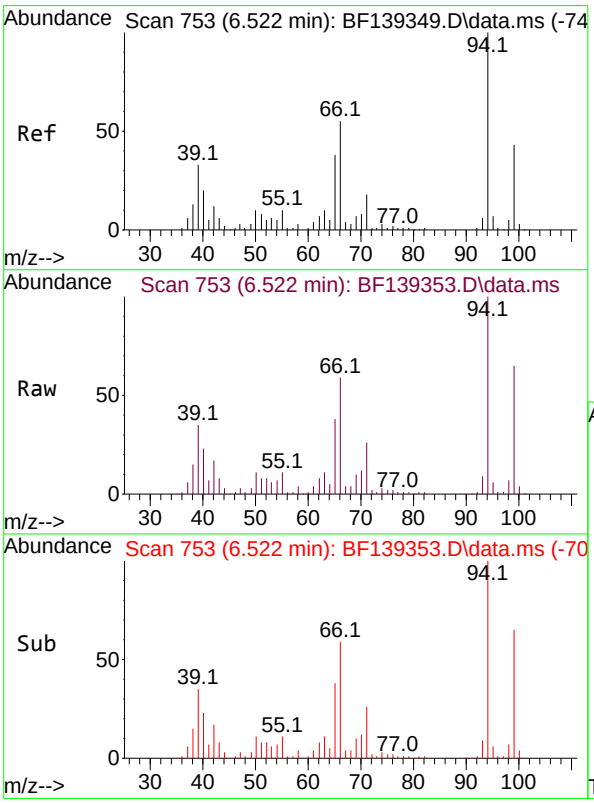
#9
Benzaldehyde
Concen: 42.392 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 77 Resp: 123057

Ion	Ratio	Lower	Upper
77	100		
105	90.1	71.0	111.0
106	84.7	64.9	104.9

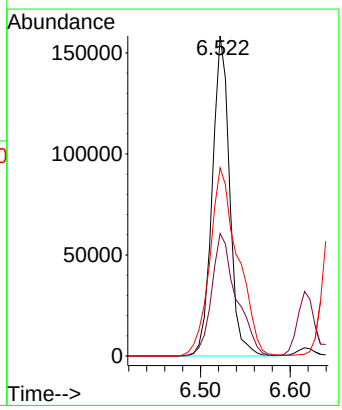


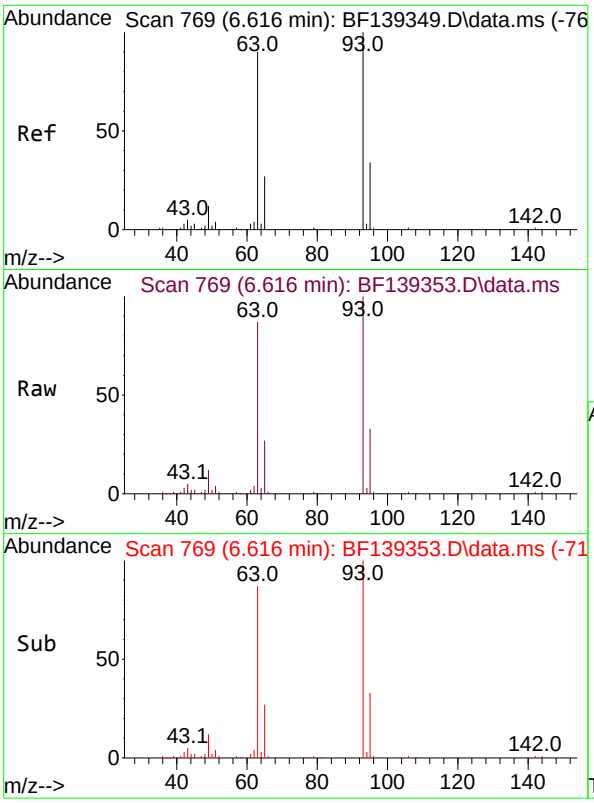


#10
Phenol
Concen: 41.583 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 94 Resp: 212792

Ion	Ratio	Lower	Upper
94	100		
65	38.3	17.6	57.6
66	58.8	35.2	75.2



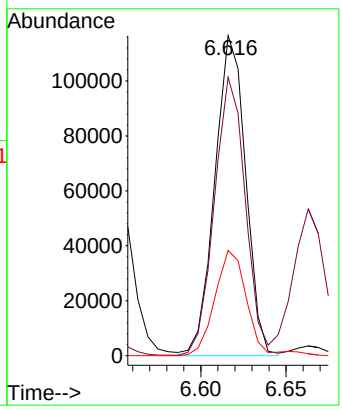


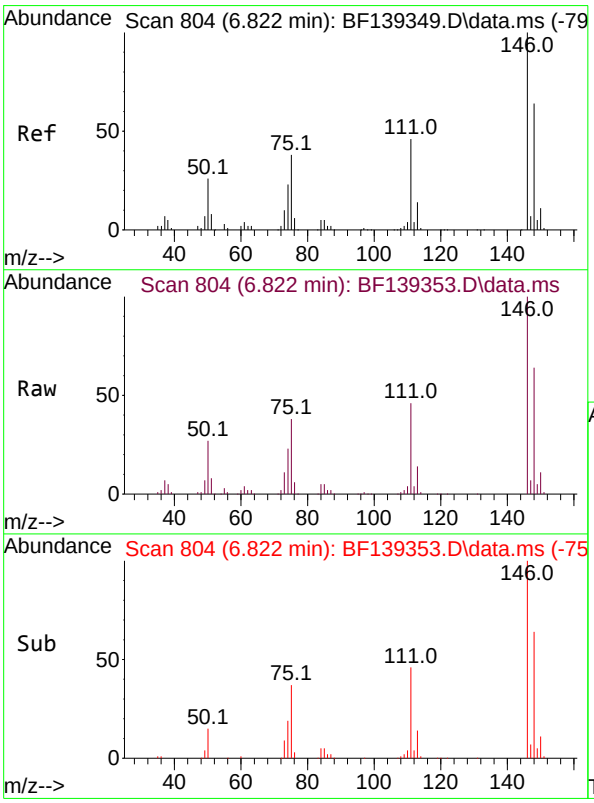
#11
bis(2-Chloroethyl)ether
Concen: 37.760 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 93 Resp: 146864

Ion	Ratio	Lower	Upper
93	100		
63	86.9	65.3	105.3
95	32.9	12.4	52.4

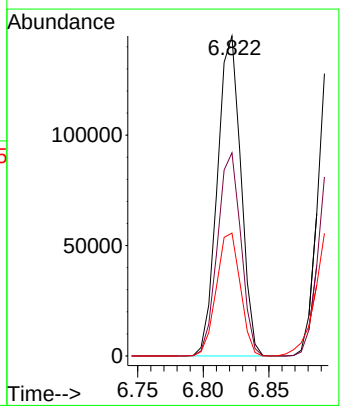


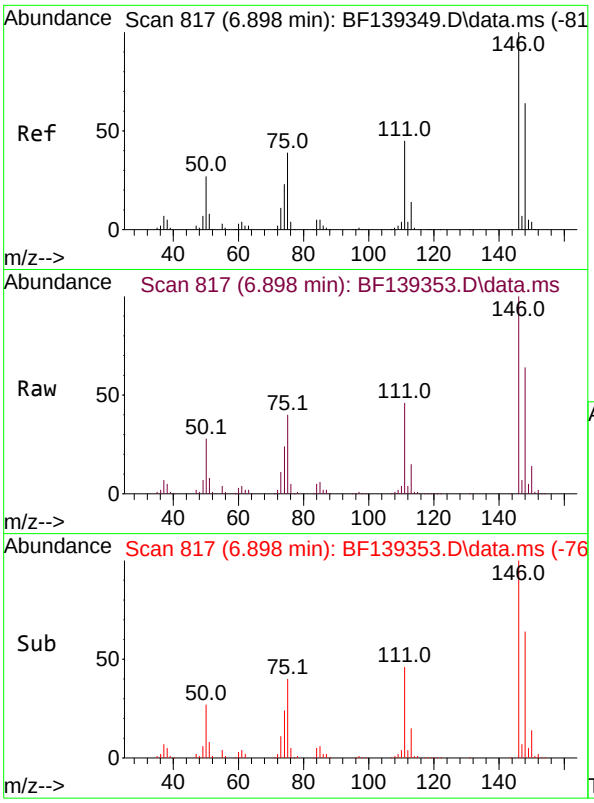


#12
1,3-Dichlorobenzene
Concen: 40.235 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:146 Resp: 180304

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	38.4	30.6	46.0



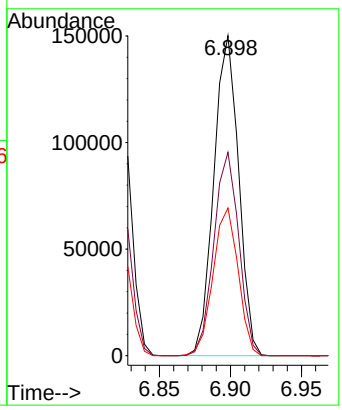


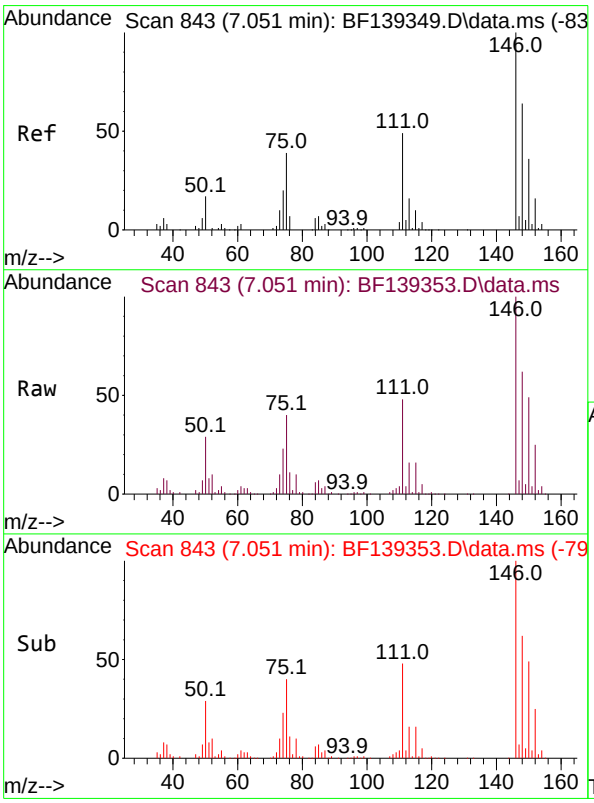
#13
1,4-Dichlorobenzene
Concen: 40.273 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:146 Resp: 182375

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	46.1	36.3	54.5

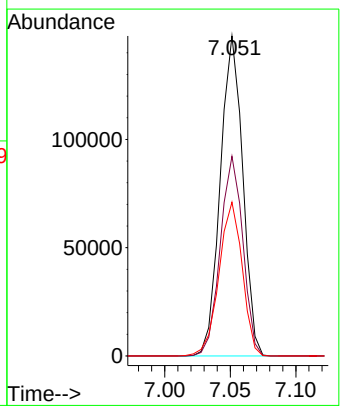


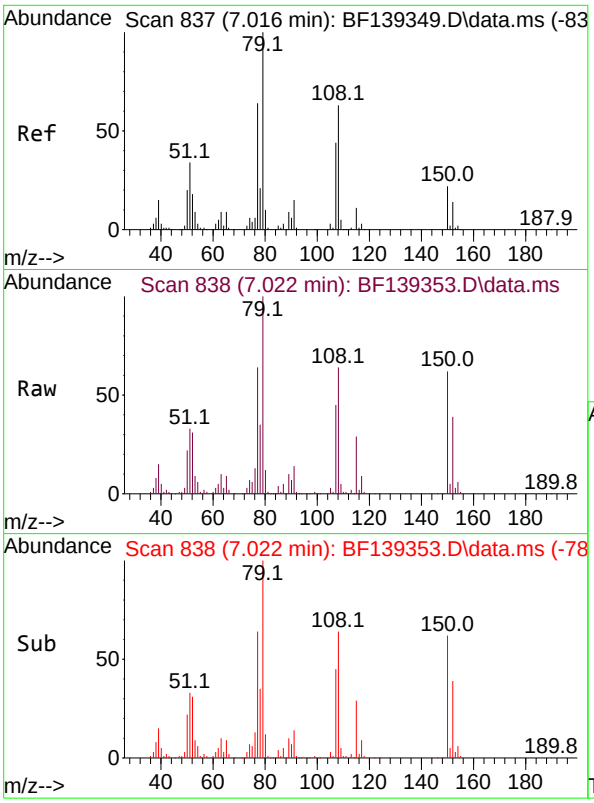


#14
1,2-Dichlorobenzene
Concen: 41.020 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:146 Resp: 175523

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
111	48.1	38.9	58.3



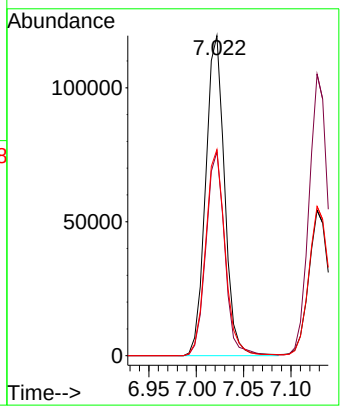


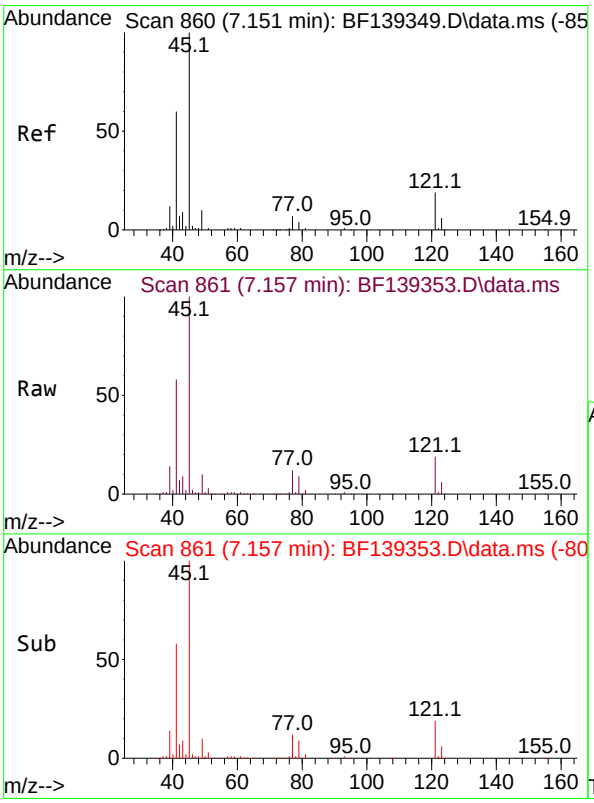
#15
Benzyl Alcohol
Concen: 41.276 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 79 Resp: 165457

Ion	Ratio	Lower	Upper
79	100		
108	63.8	50.4	75.6
77	64.4	51.4	77.2

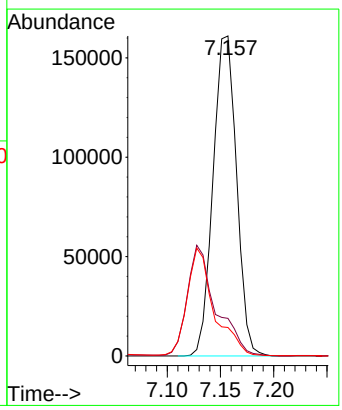


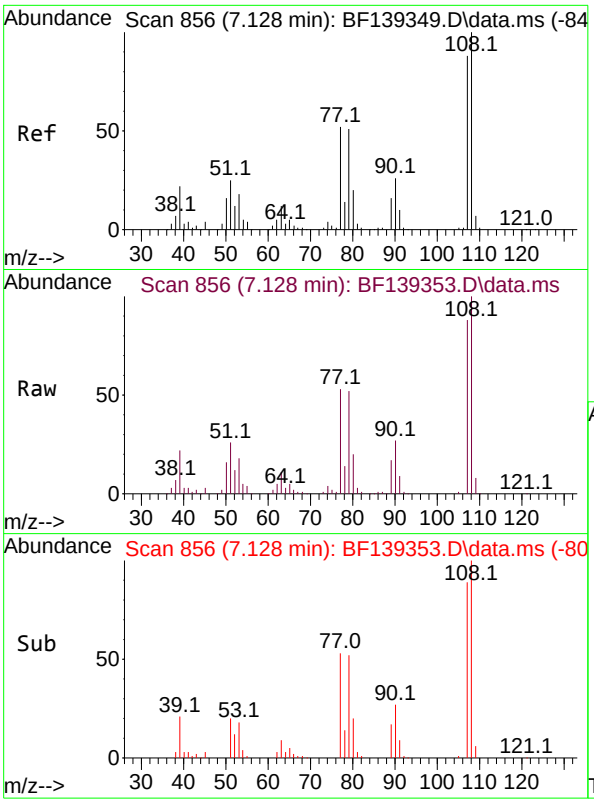


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.216 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 45 Resp: 247051

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.0
79	8.9	0.0	29.1



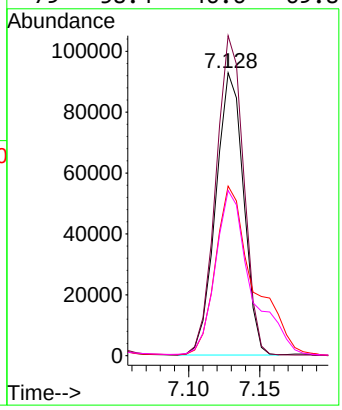


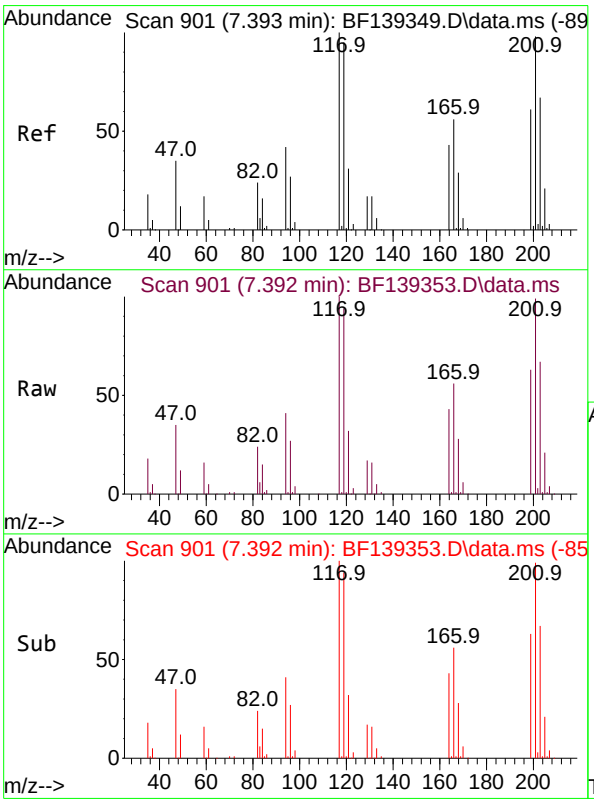
#17
2-Methylphenol
Concen: 40.384 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:107 Resp: 126426

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.5	135.7
77	59.9	47.1	70.7
79	58.4	46.6	69.8

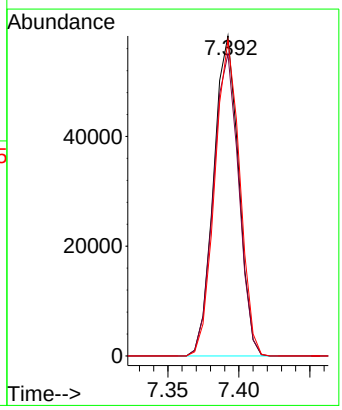


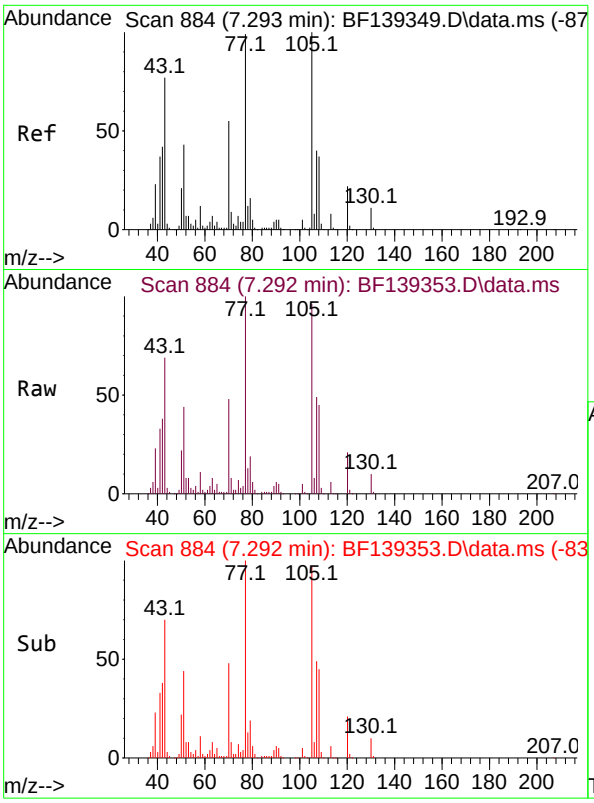


#18
Hexachloroethane
Concen: 41.228 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:117 Resp: 71112

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	98.6	78.6	118.0



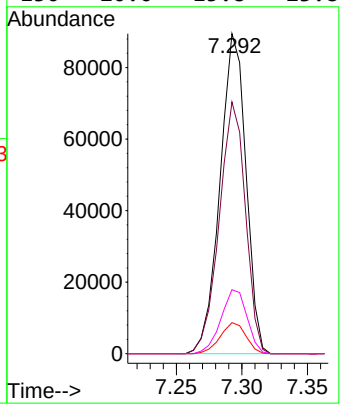


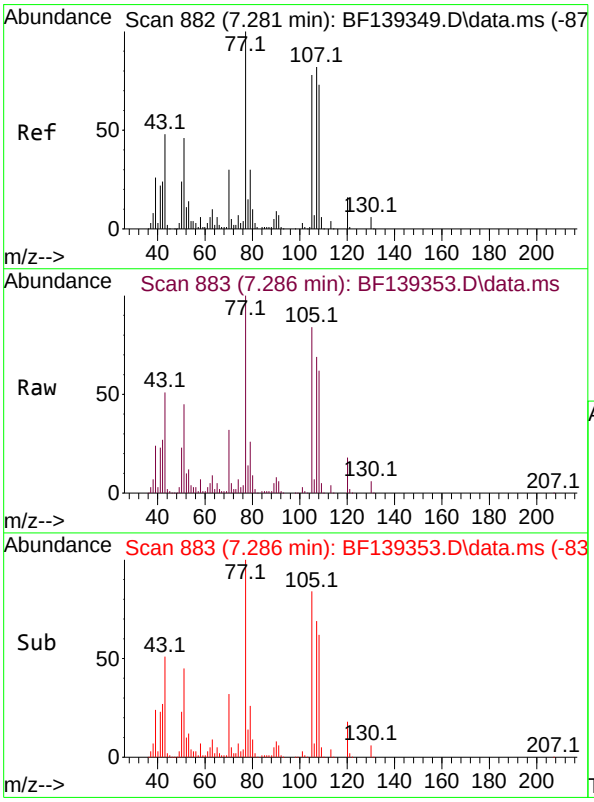
#19
n-Nitroso-di-n-propylamine
Concen: 41.364 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 70 Resp: 123157

Ion	Ratio	Lower	Upper
70	100		
42	78.7	61.2	91.8
101	9.7	7.5	11.3
130	20.0	15.8	23.8

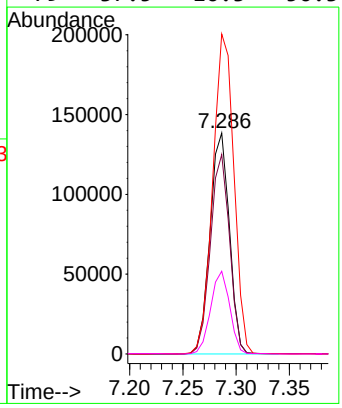


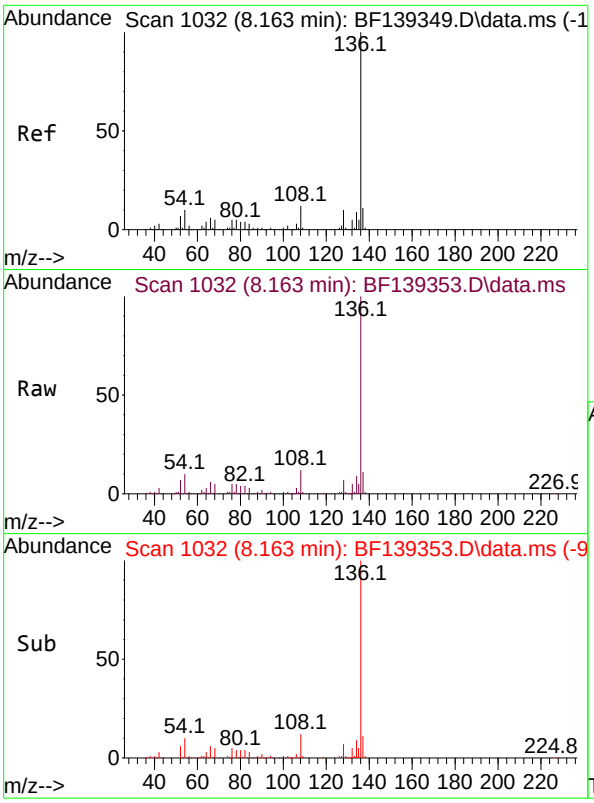


#20
3+4-Methylphenols
Concen: 40.824 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:107 Resp: 174364

Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.6	108.6
77	144.8	101.6	141.6#
79	37.5	16.3	56.3



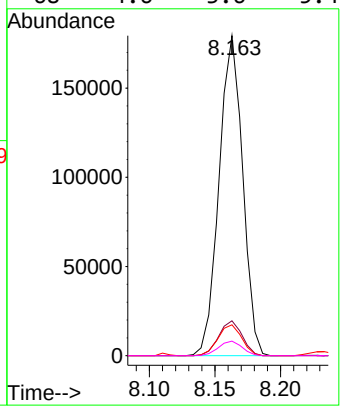


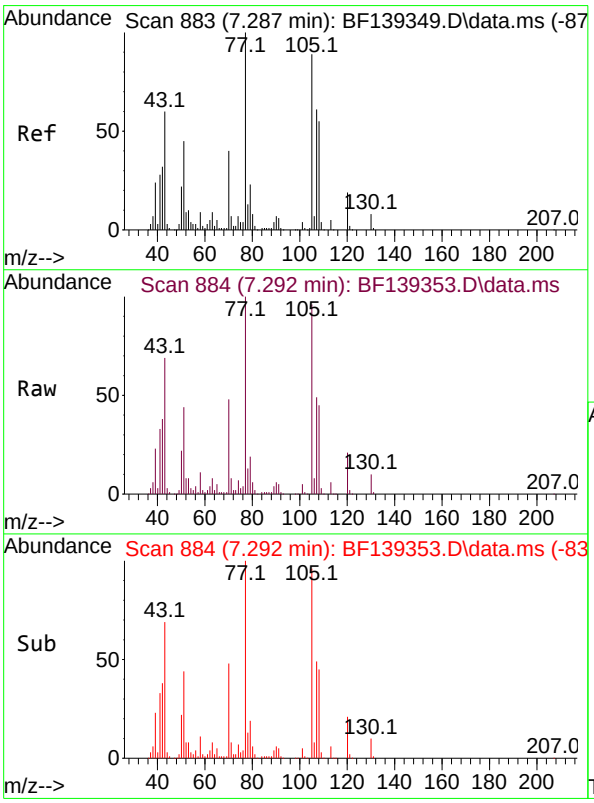
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:136 Resp: 224439

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	7.8	11.8
68	4.6	3.6	5.4

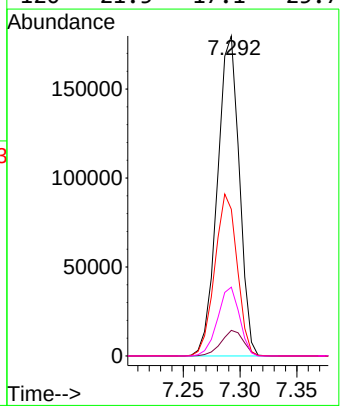


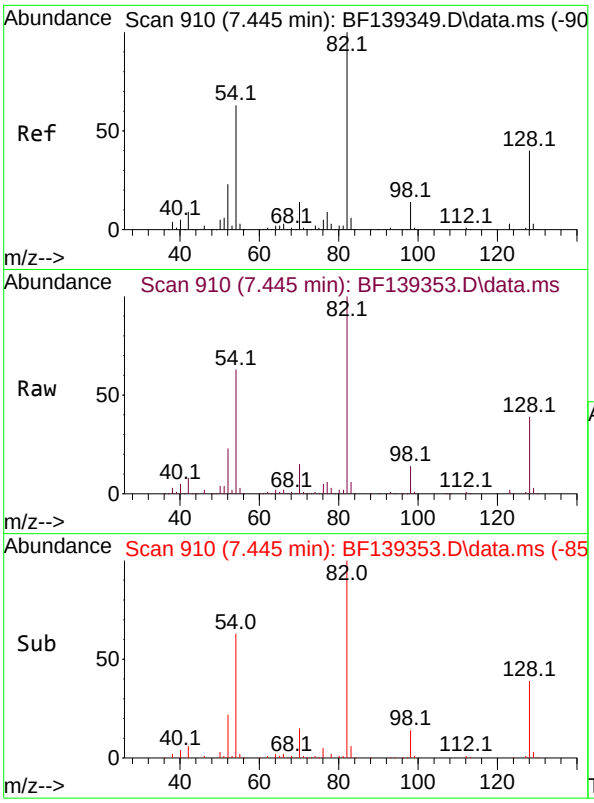


#22
Acetophenone
Concen: 41.167 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:105 Resp: 241549

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	45.8	40.0	60.0
120	21.5	17.1	25.7



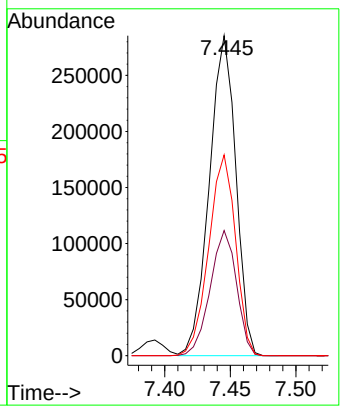


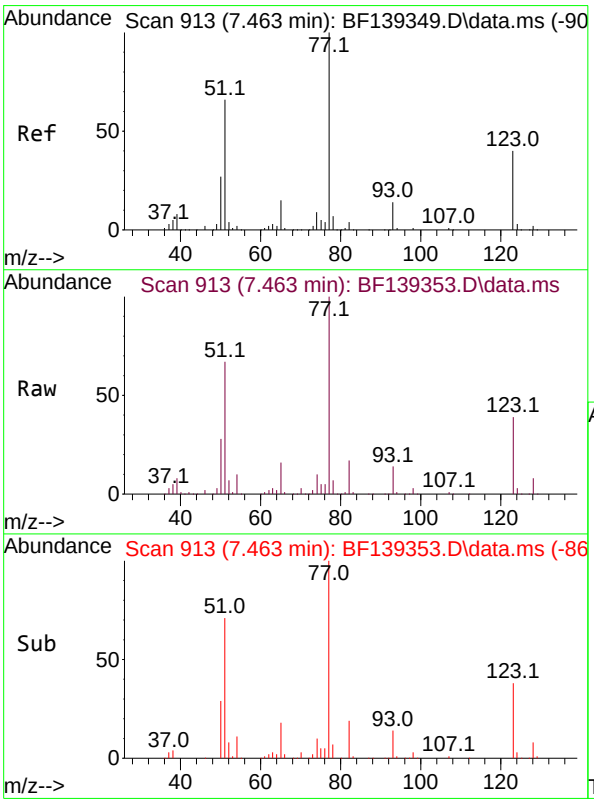
#23
Nitrobenzene-d5
Concen: 84.223 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 82 Resp: 402094

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	62.8	50.6	75.8

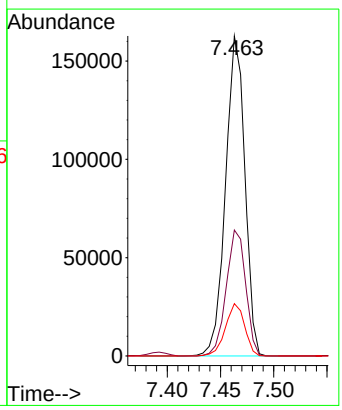


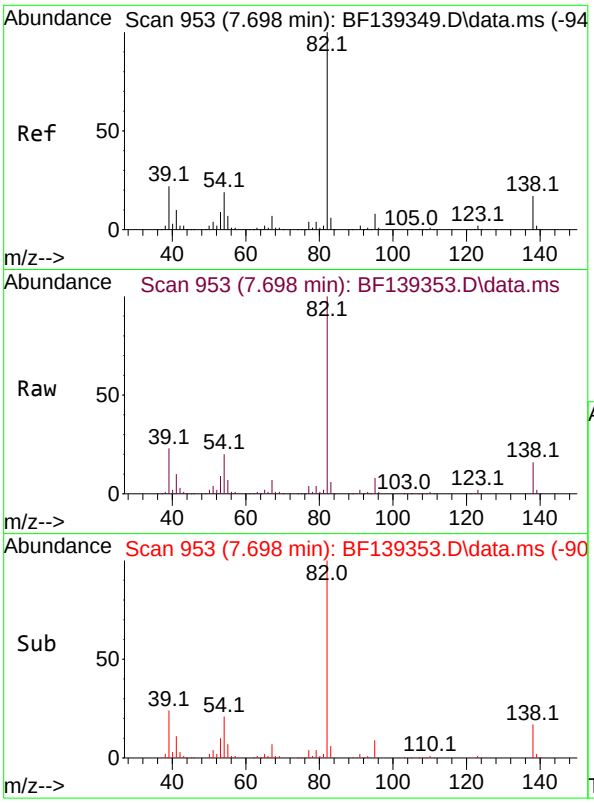


#24
Nitrobenzene
Concen: 41.700 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 77 Resp: 204895

Ion	Ratio	Lower	Upper
77	100		
123	39.4	32.2	48.4
65	16.4	12.2	18.4



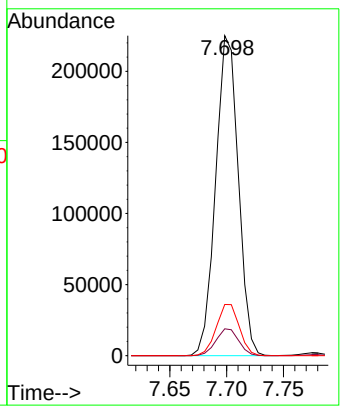


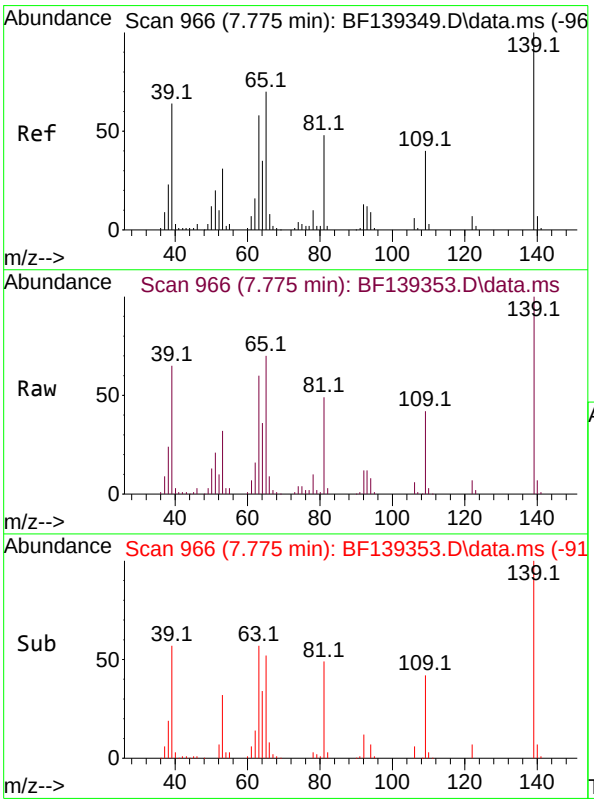
#25
Isophorone
Concen: 41.358 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 82 Resp: 312264

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	16.0	13.3	19.9

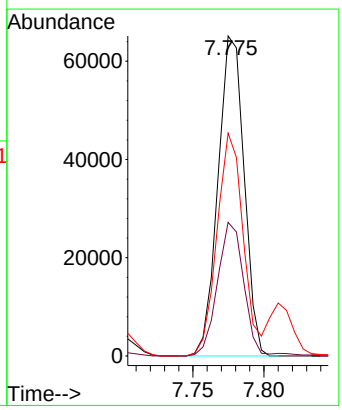


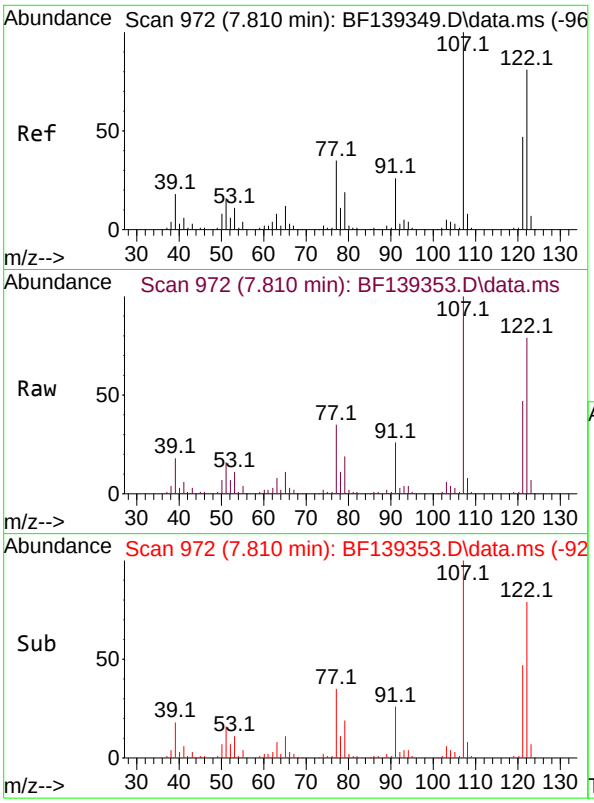


#26
2-Nitrophenol
Concen: 43.547 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:139 Resp: 83362

Ion	Ratio	Lower	Upper
139	100		
109	41.8	32.2	48.2
65	69.7	55.8	83.8



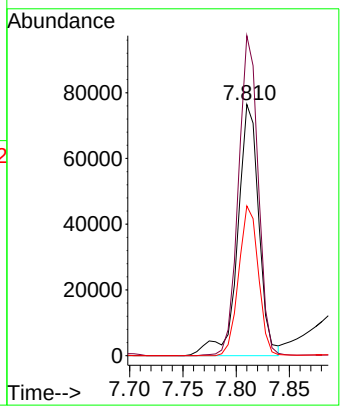


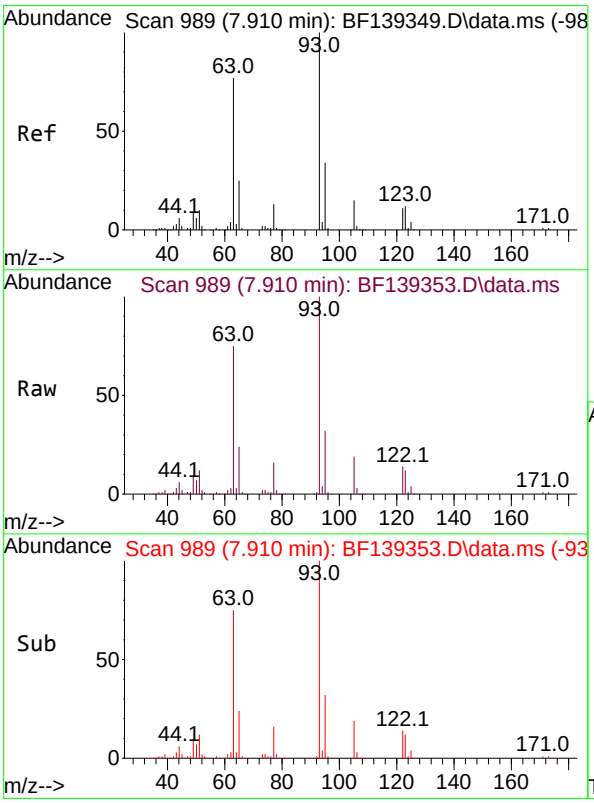
#27
2,4-Dimethylphenol
Concen: 41.945 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:122 Resp: 105918

Ion	Ratio	Lower	Upper
122	100		
107	127.4	99.1	148.7
121	59.6	46.6	70.0

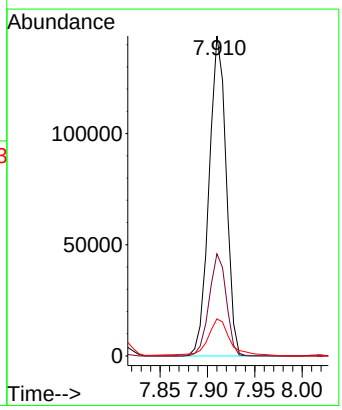


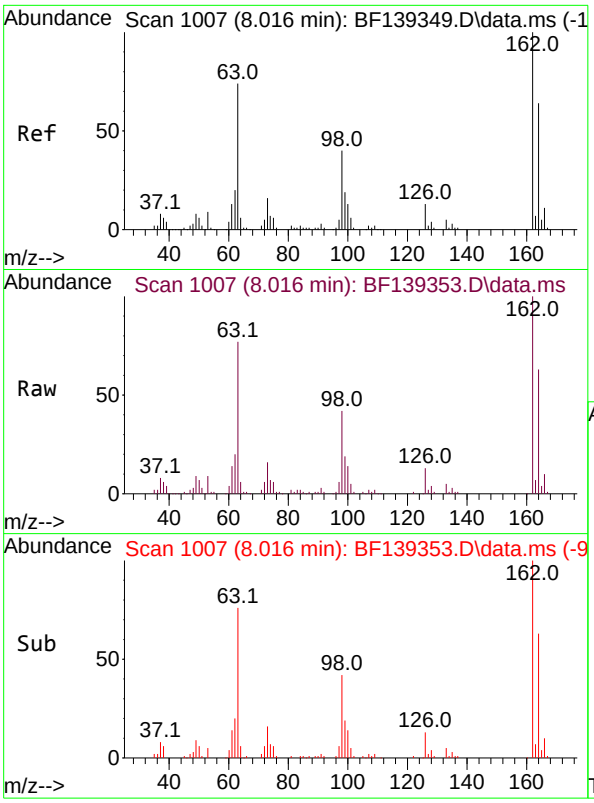


#28
bis(2-Chloroethoxy)methane
Concen: 41.858 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 93 Resp: 180121

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.9	40.3
123	11.6	10.0	15.0



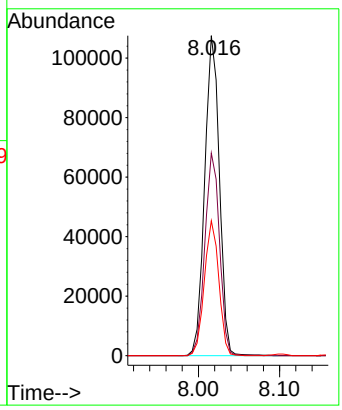


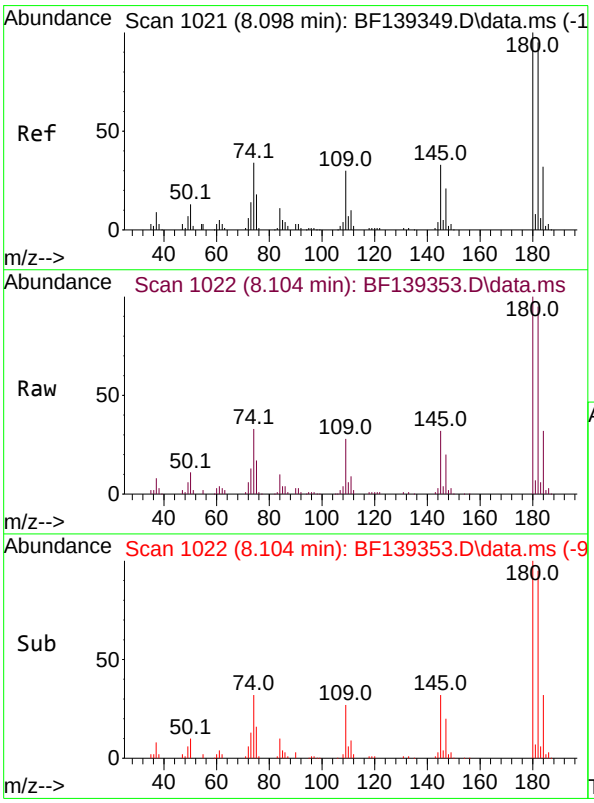
#29
2,4-Dichlorophenol
Concen: 42.134 ng
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:162 Resp: 135162

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	42.2	19.7	59.7

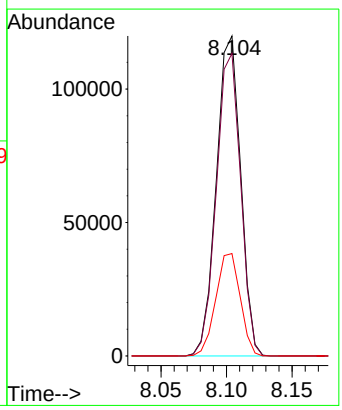


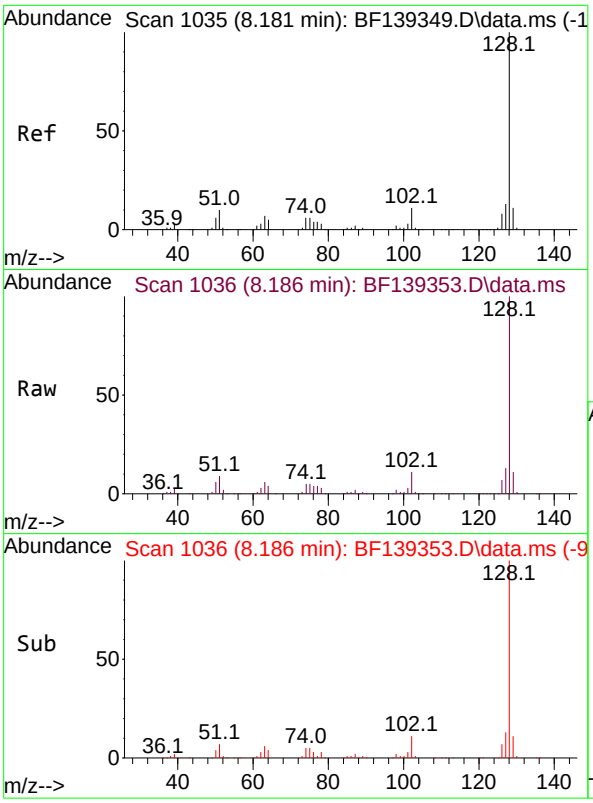


#30
1,2,4-Trichlorobenzene
Concen: 41.355 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:180 Resp: 154576

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.7	113.5
145	32.0	26.5	39.7



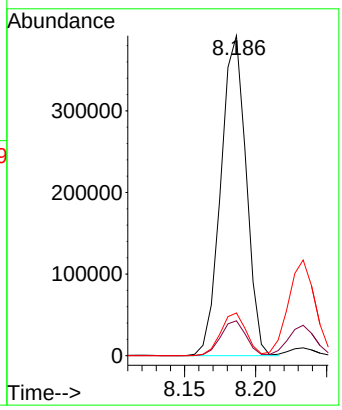


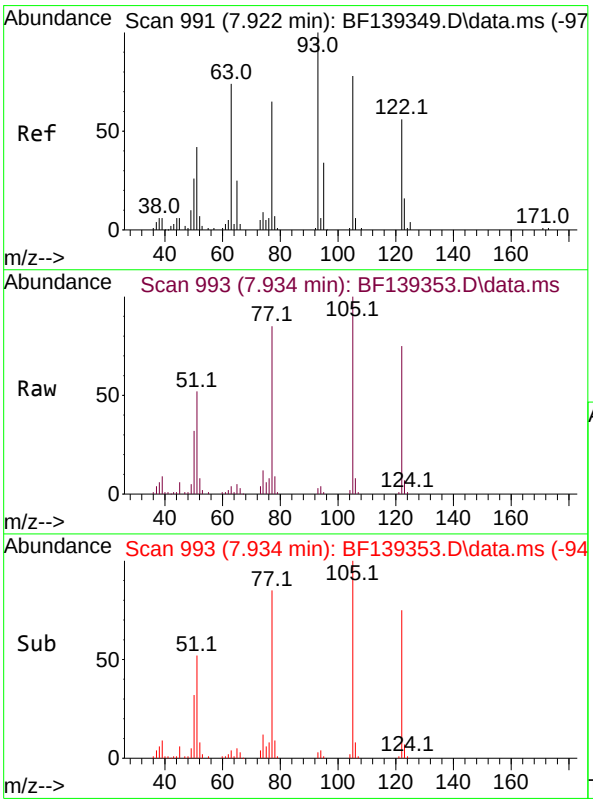
#31
Naphthalene
Concen: 41.452 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:128 Resp: 485689

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.6	16.0

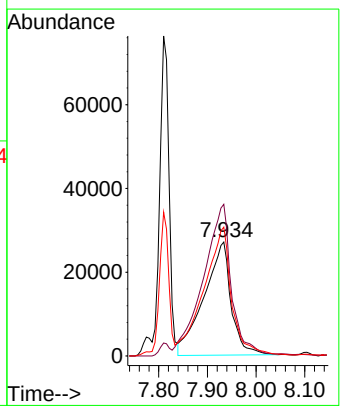


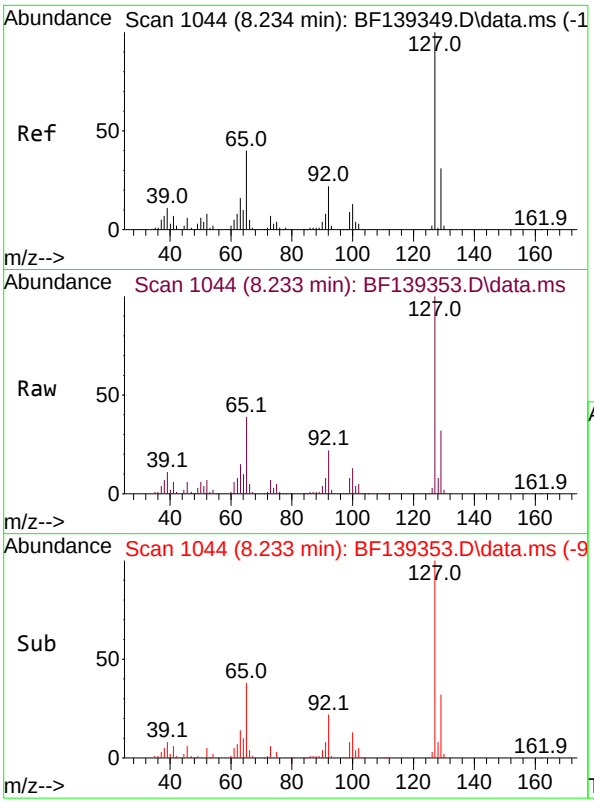


#32
Benzoic acid
Concen: 44.336 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:122 Resp: 104770

Ion	Ratio	Lower	Upper
122	100		
105	133.1	117.1	157.1
77	113.1	95.4	135.4



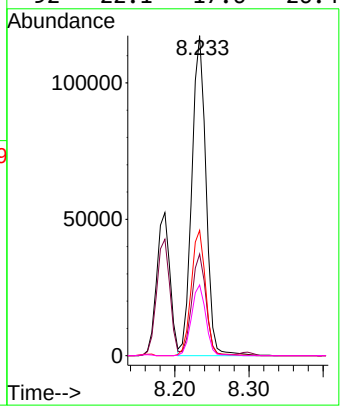


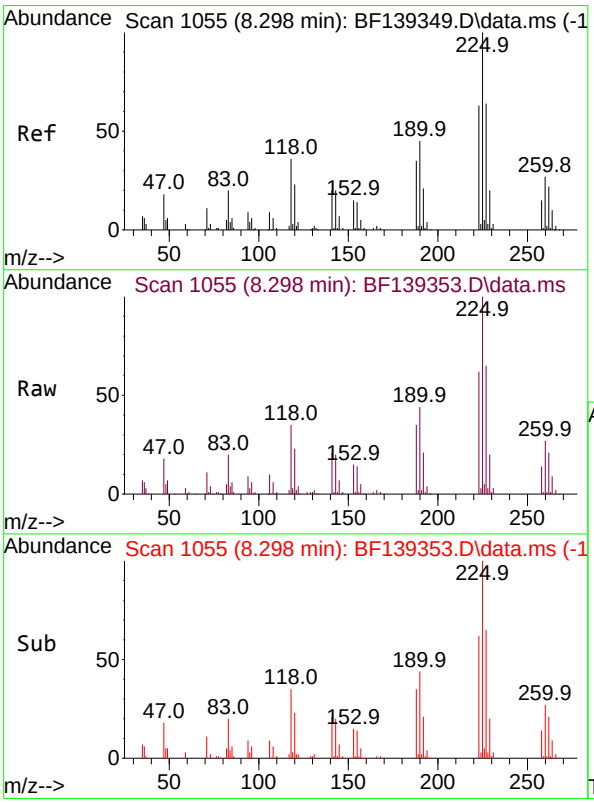
#33
4-Chloroaniline
Concen: 43.552 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:127 Resp: 156112

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	39.1	31.5	47.3
92	22.1	17.6	26.4

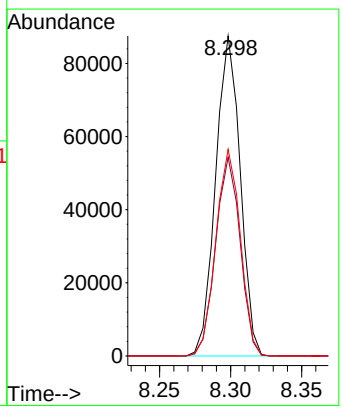


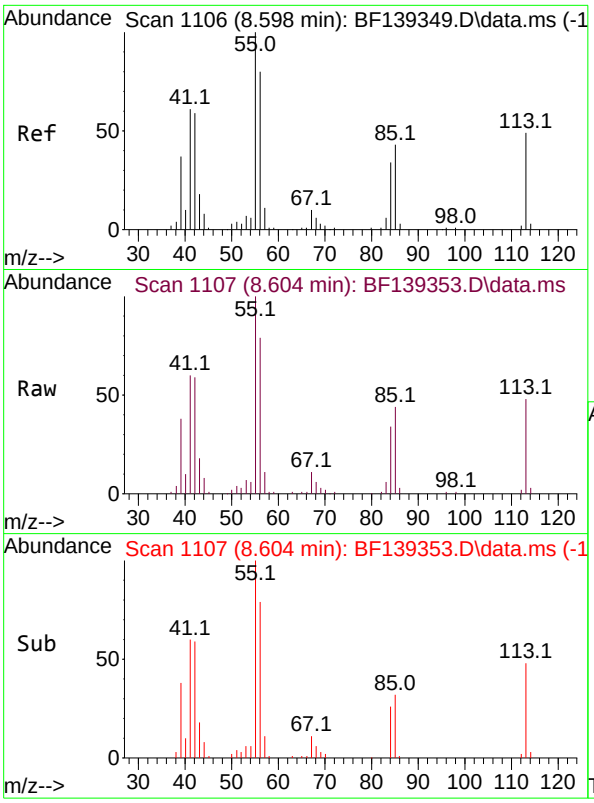


#34
Hexachlorobutadiene
Concen: 41.447 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:225 Resp: 105249

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	64.5	51.0	76.6



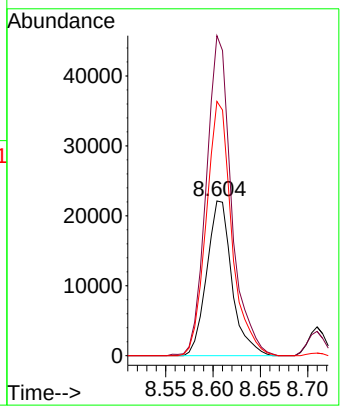


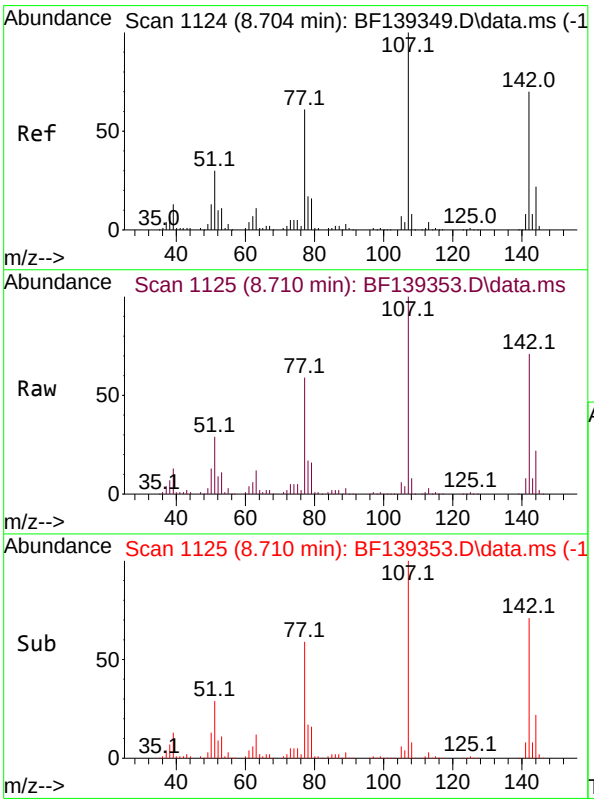
#35
Caprolactam
Concen: 41.375 ng
RT: 8.604 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:113 Resp: 40829

Ion	Ratio	Lower	Upper
113	100		
55	206.9	186.1	226.1
56	164.4	144.9	184.9

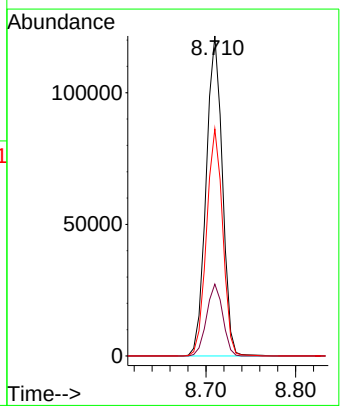


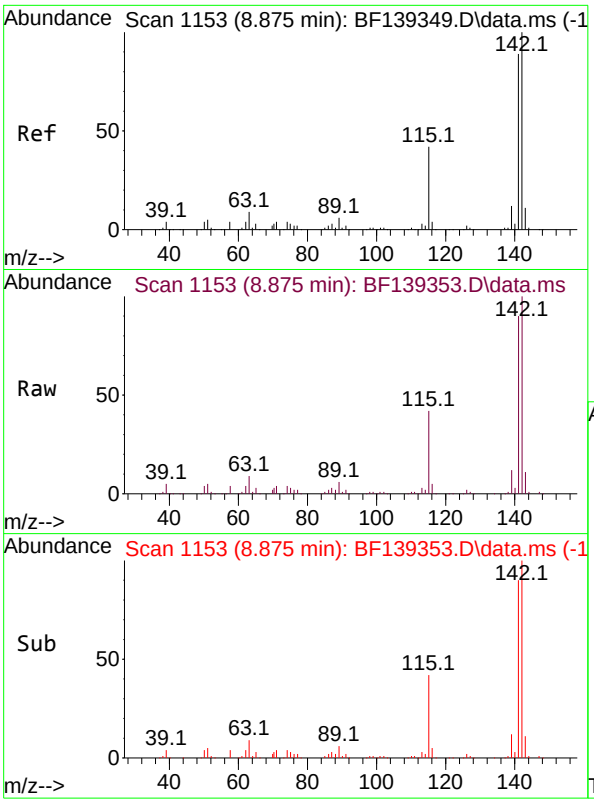


#36
4-Chloro-3-methylphenol
Concen: 41.634 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:107 Resp: 152639

Ion	Ratio	Lower	Upper
107	100		
144	22.5	17.5	26.3
142	70.9	55.8	83.8



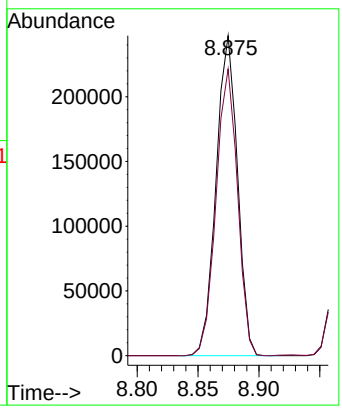


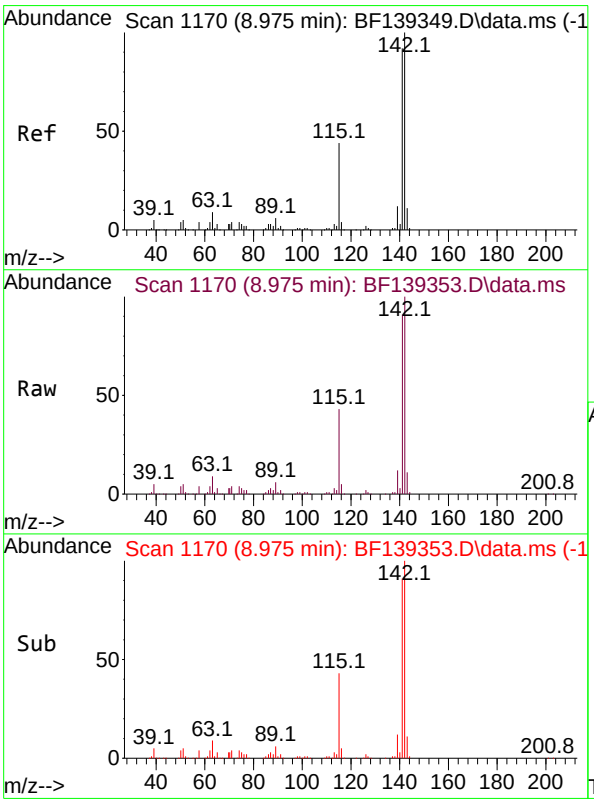
#37
2-Methylnaphthalene
Concen: 40.664 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:142 Resp: 302423

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4

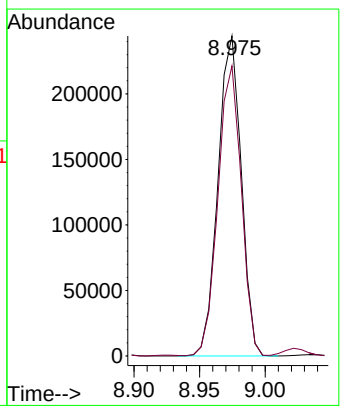


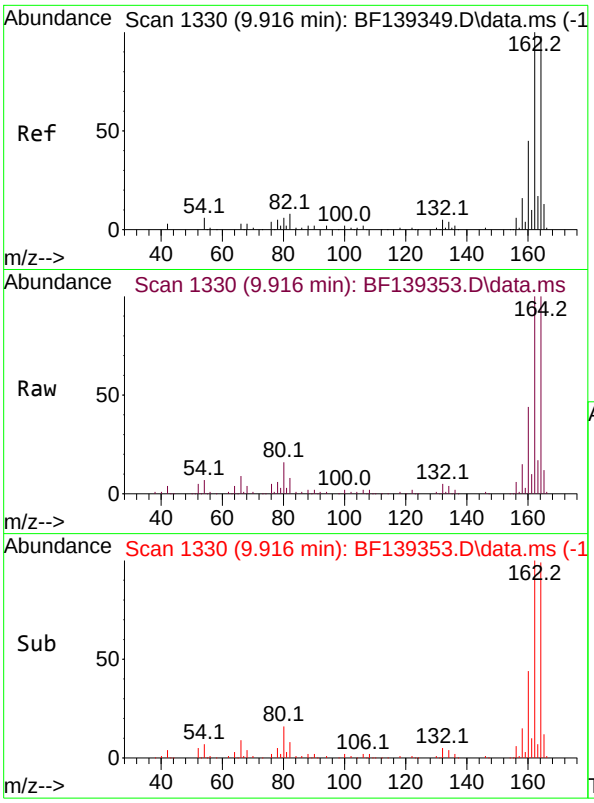


#38
1-Methylnaphthalene
Concen: 41.093 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:142 Resp: 300045

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.2	109.8



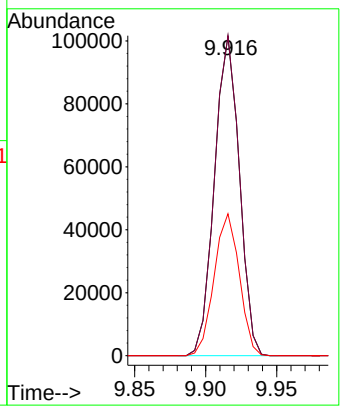


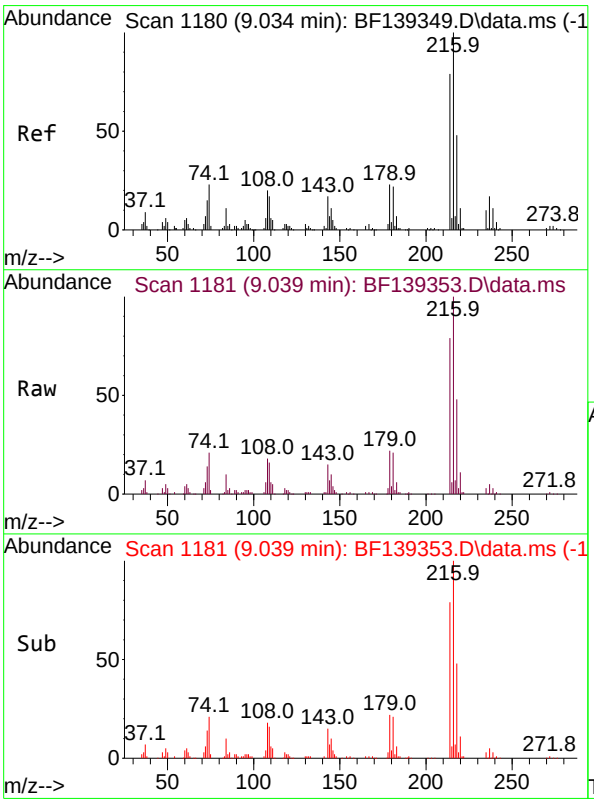
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:164 Resp: 123398

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	44.5	36.4	54.6

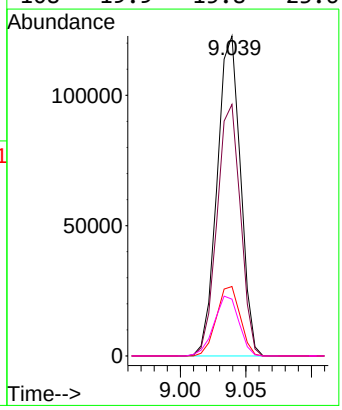


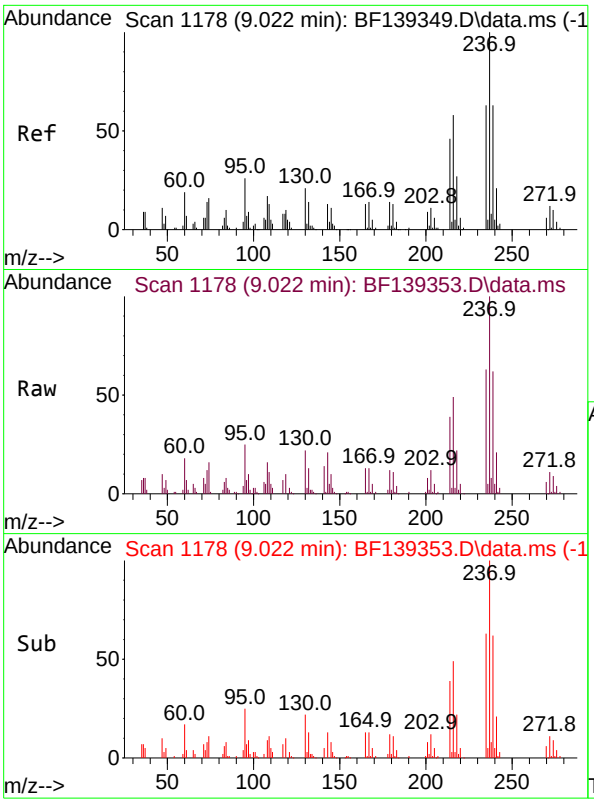


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.569 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:216 Resp: 152023

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.1	18.2	27.2
108	19.9	15.8	23.6



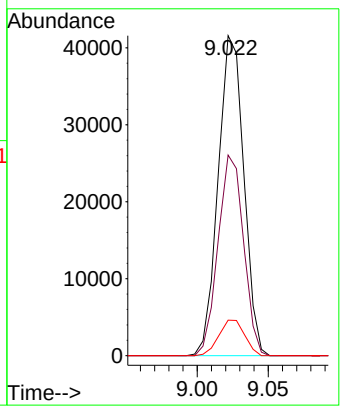


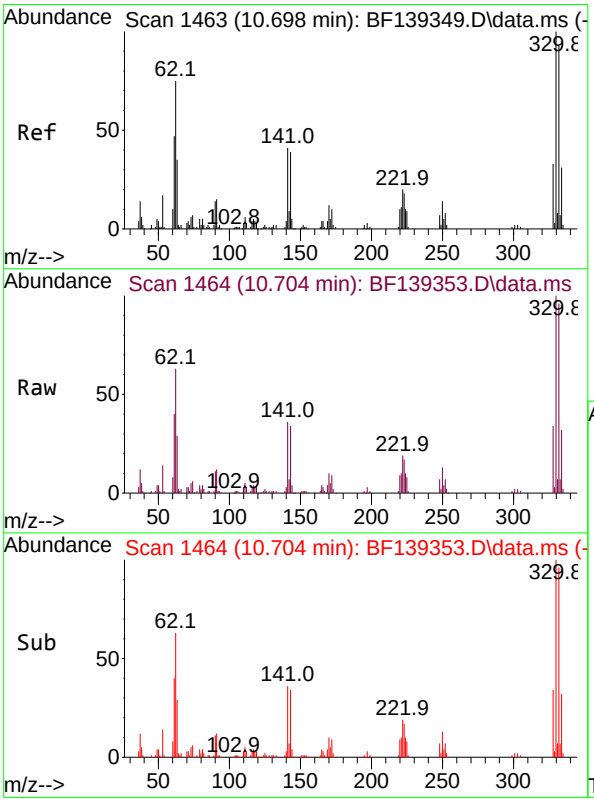
#41
Hexachlorocyclopentadiene
Concen: 40.948 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:237 Resp: 52287

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	11.1	0.0	32.5

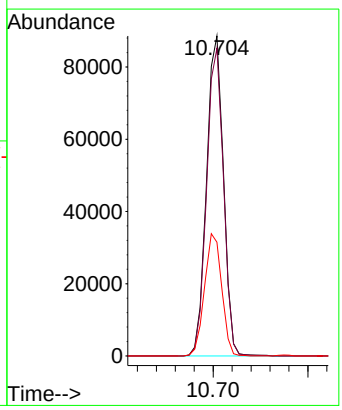


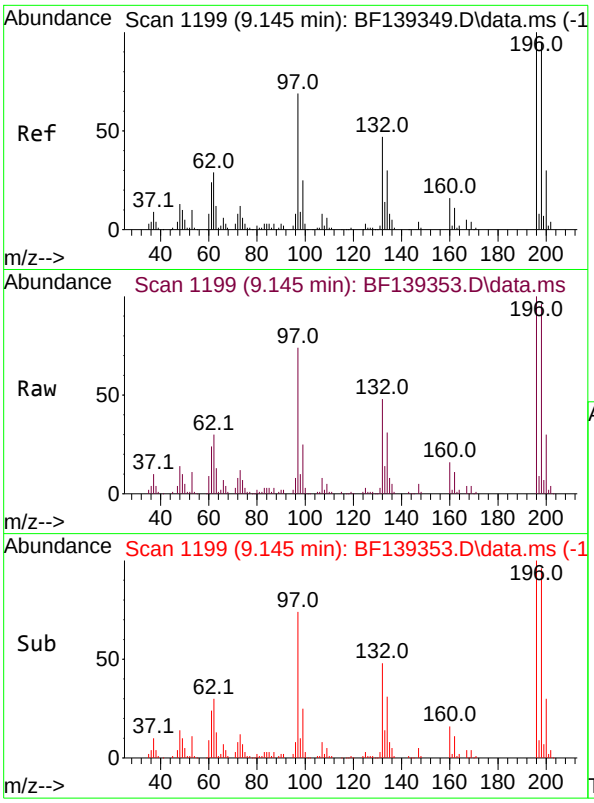


#42
2,4,6-Tribromophenol
Concen: 83.413 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:330 Resp: 109581

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.2	112.8
141	38.9	31.2	46.8



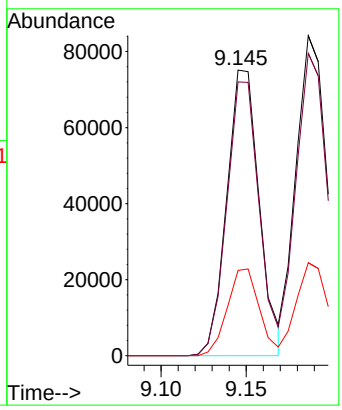


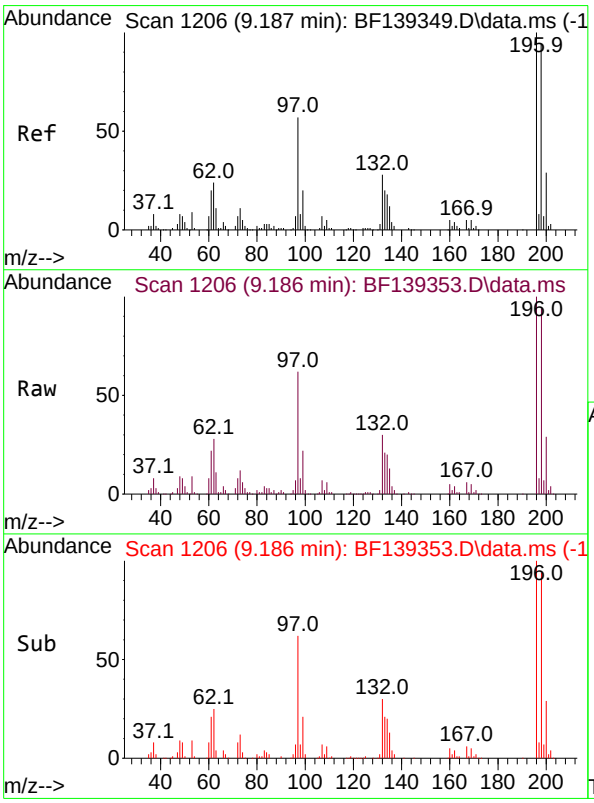
#43
2,4,6-Trichlorophenol
Concen: 42.005 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:196 Resp: 99943

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.8	113.6
200	29.9	24.1	36.1

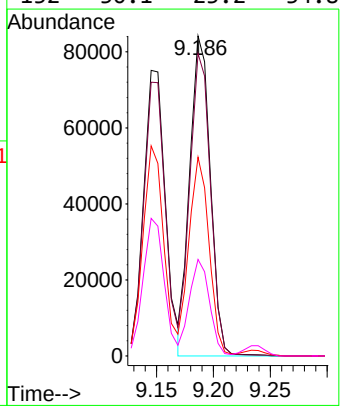


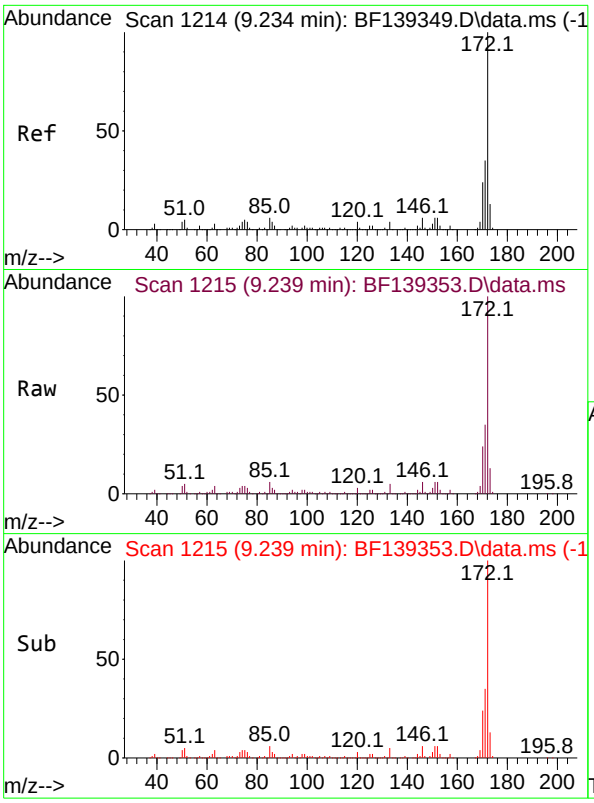


#44
2,4,5-Trichlorophenol
Concen: 42.375 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:196 Resp: 106352

Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.8	112.2
97	62.1	47.3	70.9
132	30.1	23.2	34.8



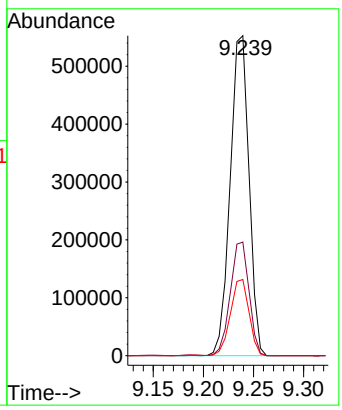


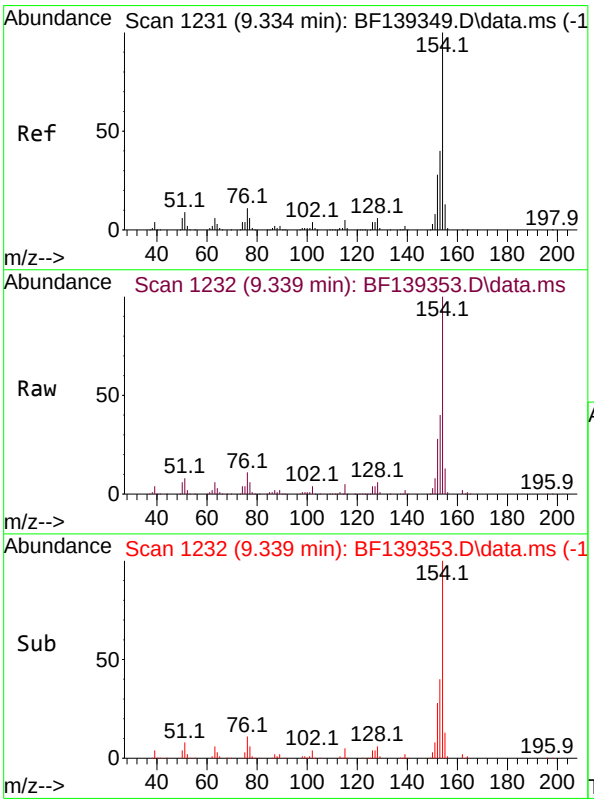
#45
2-Fluorobiphenyl
Concen: 82.154 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:172 Resp: 722819

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.8	19.0	28.6

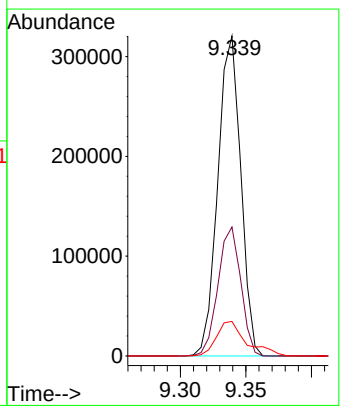


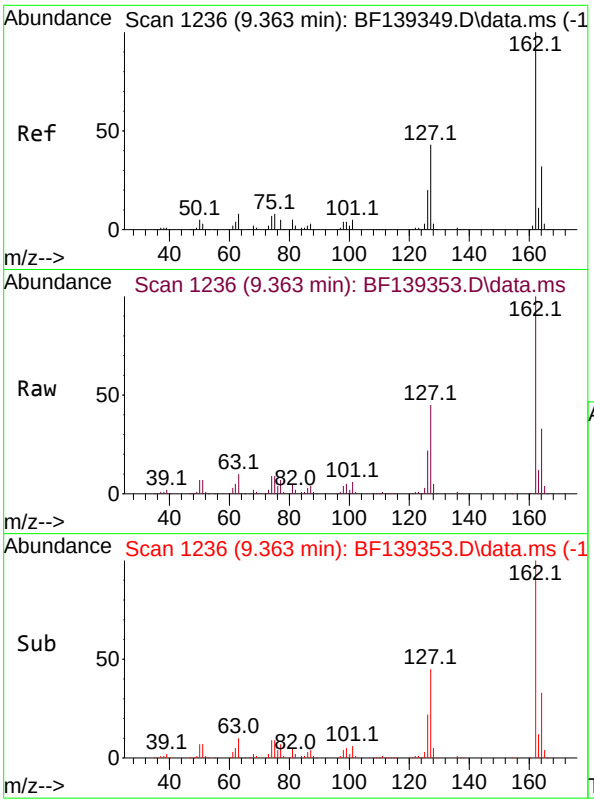


#46
1,1'-Biphenyl
Concen: 41.028 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:154 Resp: 389495

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.1	60.1
76	10.8	0.0	31.1



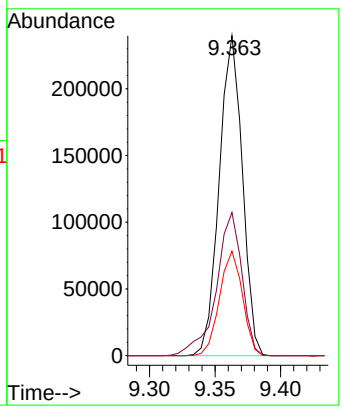


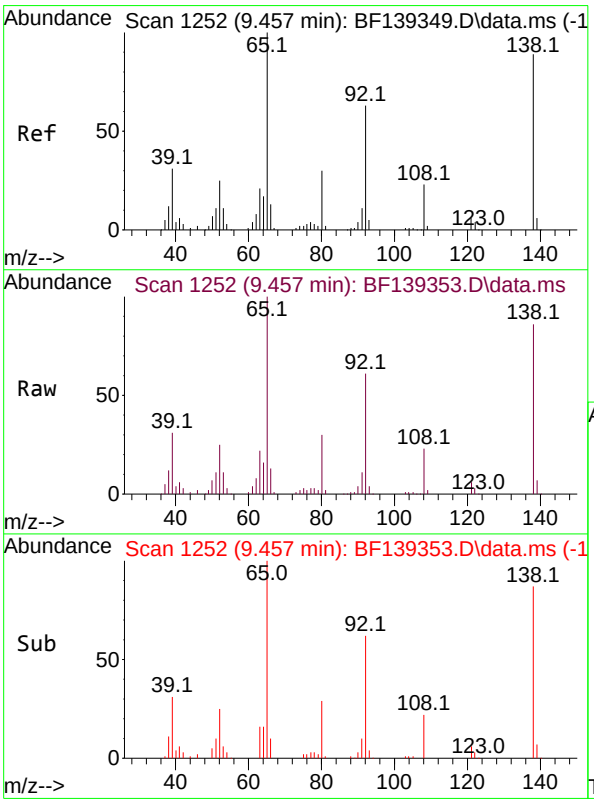
#47
2-Chloronaphthalene
Concen: 41.415 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:162 Resp: 293969

Ion	Ratio	Lower	Upper
162	100		
127	44.8	35.0	52.4
164	32.6	25.8	38.6

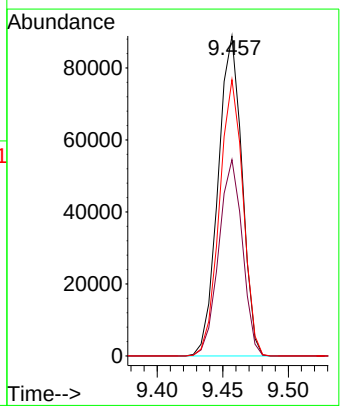


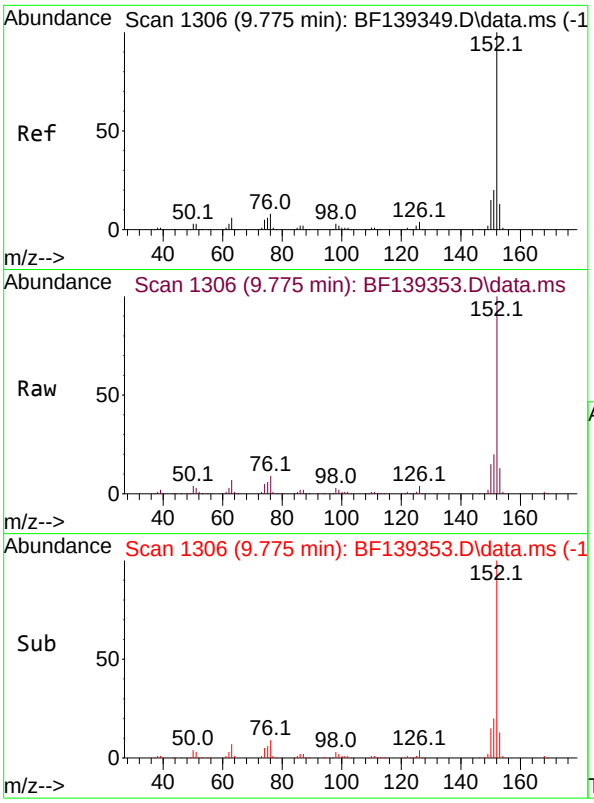


#48
2-Nitroaniline
Concen: 42.689 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 65 Resp: 112704

Ion	Ratio	Lower	Upper
65	100		
92	61.4	50.3	75.5
138	86.4	71.3	106.9



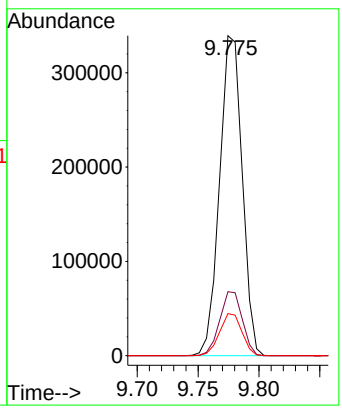


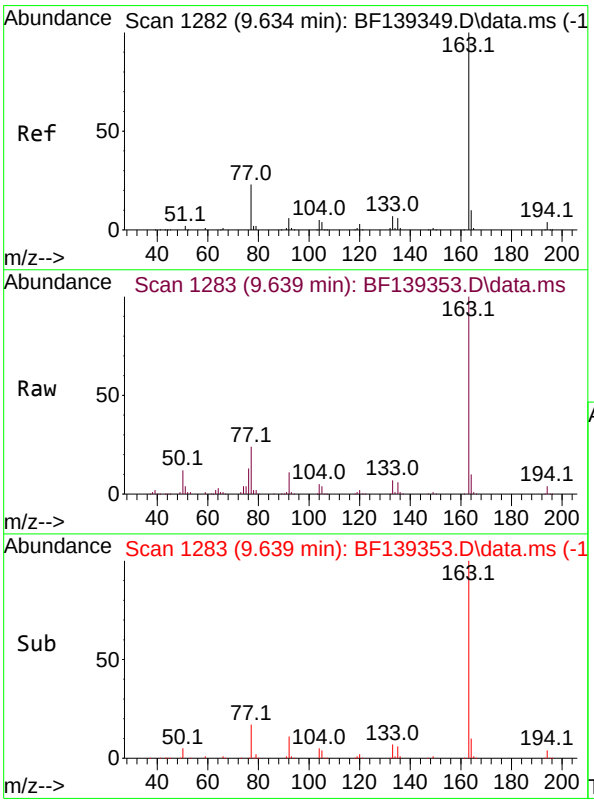
#49
Acenaphthylene
Concen: 41.065 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:152 Resp: 438775

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.2	10.3	15.5

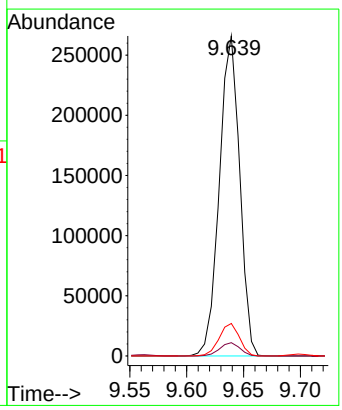


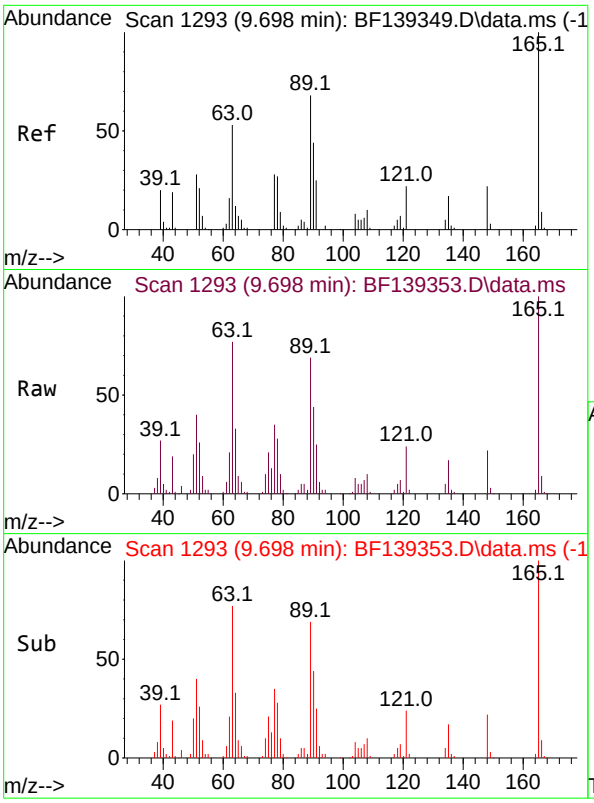


#50
Dimethylphthalate
Concen: 40.917 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:163 Resp: 331392

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	8.2	12.2



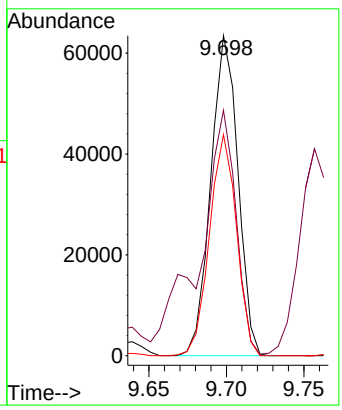


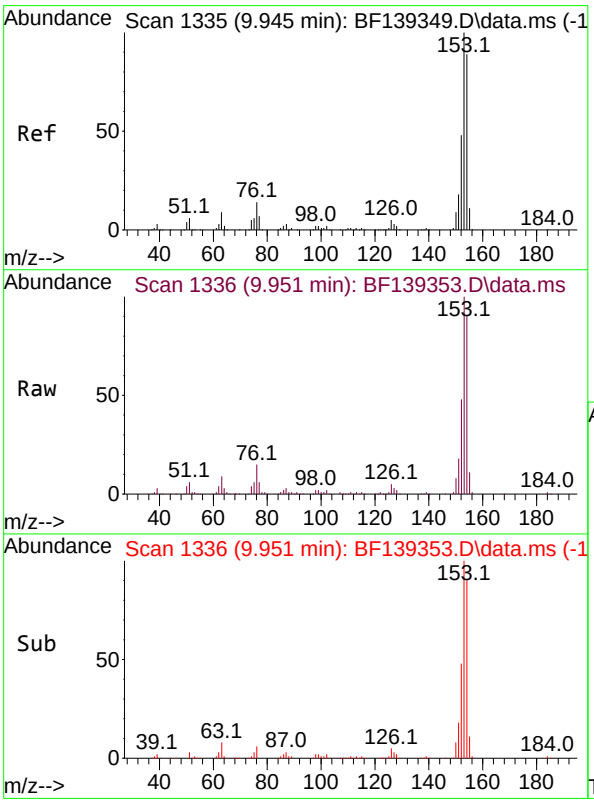
#51
2,6-Dinitrotoluene
Concen: 43.082 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:165 Resp: 77298

Ion	Ratio	Lower	Upper
165	100		
63	76.7	60.9	91.3
89	69.1	54.7	82.1

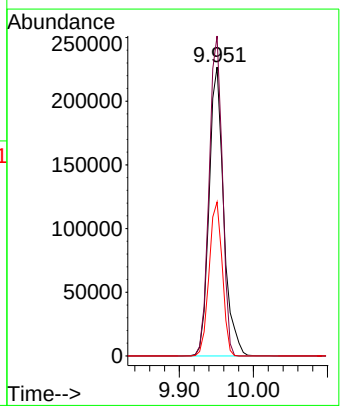


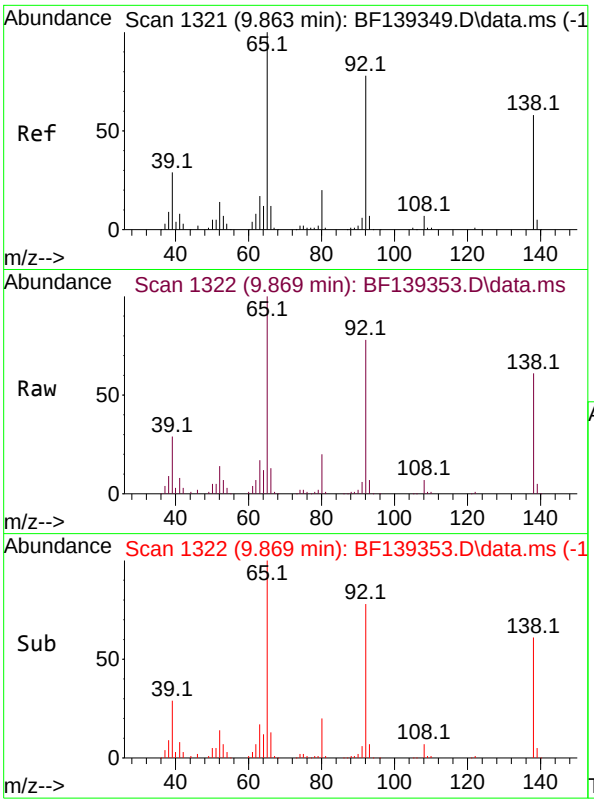


#52
Acenaphthene
Concen: 41.632 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:154 Resp: 310457

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.5	134.3
152	53.3	42.6	64.0



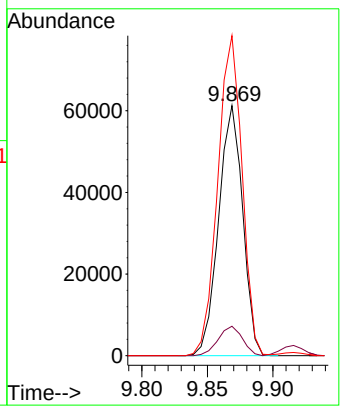


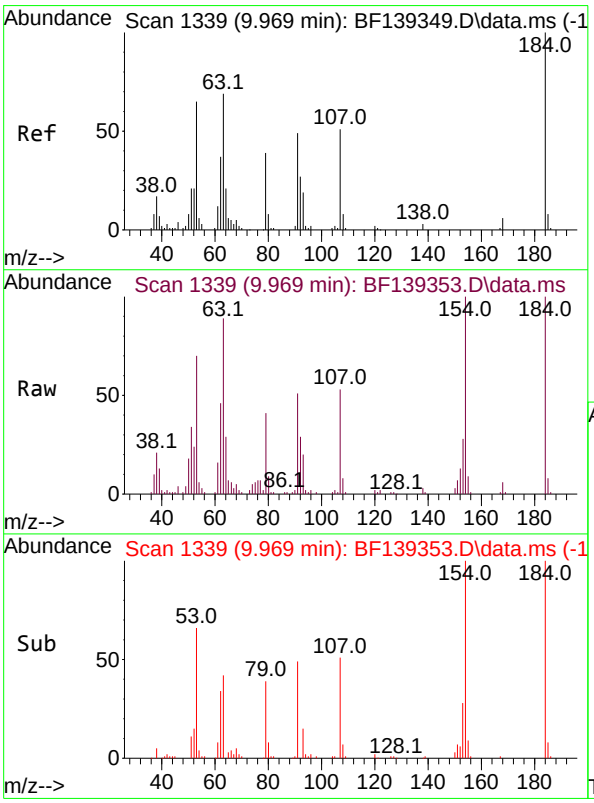
#53
3-Nitroaniline
Concen: 43.619 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:138 Resp: 78213

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.8	14.8
92	128.0	107.4	161.2

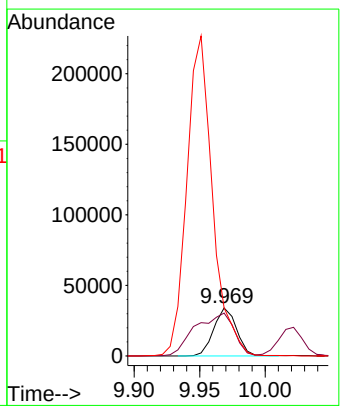


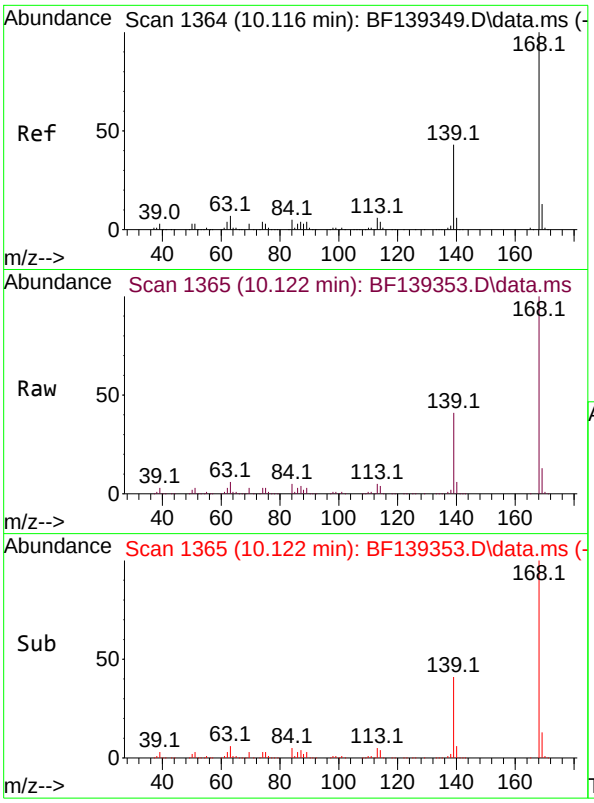


#54
2,4-Dinitrophenol
Concen: 41.271 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:184 Resp: 41262

Ion	Ratio	Lower	Upper
184	100		
63	89.1	69.3	103.9
154	99.8	67.5	101.3



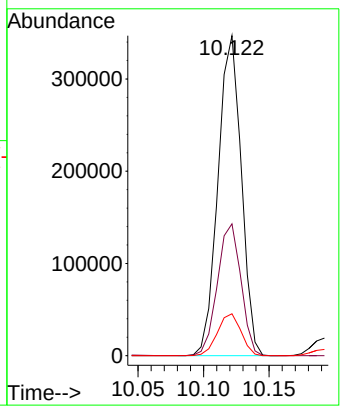


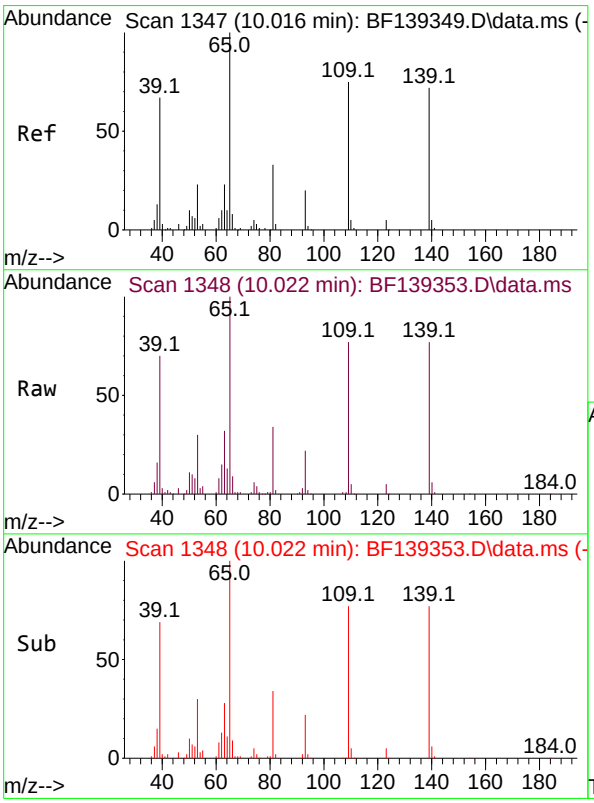
#55
Dibenzofuran
Concen: 41.190 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:168 Resp: 428132

Ion	Ratio	Lower	Upper
168	100		
139	41.2	34.1	51.1
169	13.1	10.5	15.7

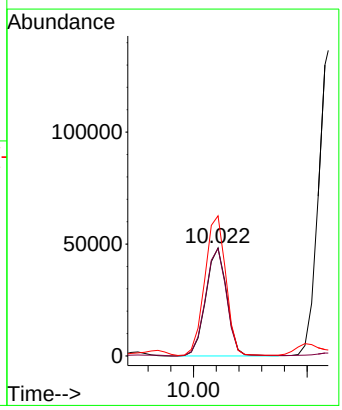


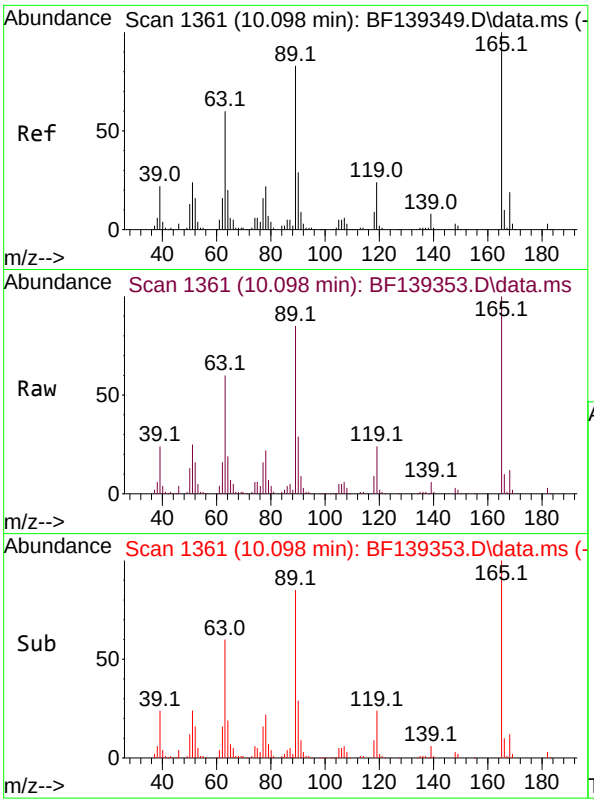


#56
4-Nitrophenol
Concen: 41.679 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:139 Resp: 61840

Ion	Ratio	Lower	Upper
139	100		
109	99.6	84.1	124.1
65	129.8	120.0	160.0



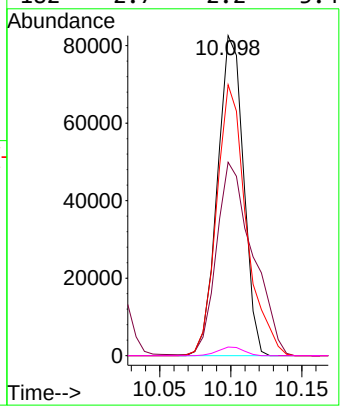


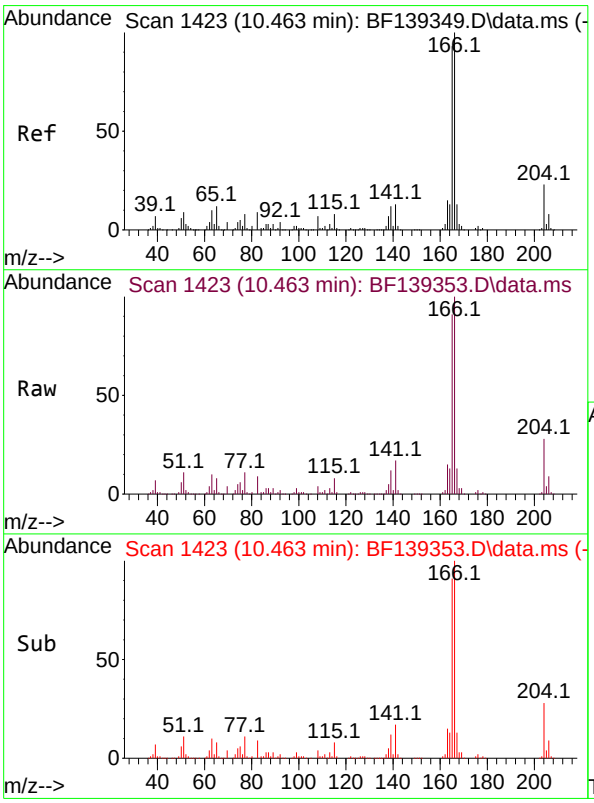
#57
2,4-Dinitrotoluene
Concen: 43.441 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:165 Resp: 105229

Ion	Ratio	Lower	Upper
165	100		
63	60.5	47.8	71.6
89	84.7	66.7	100.1
182	2.7	2.2	3.4

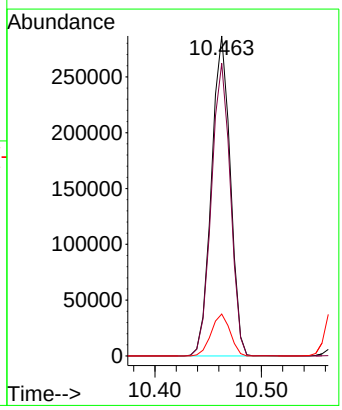


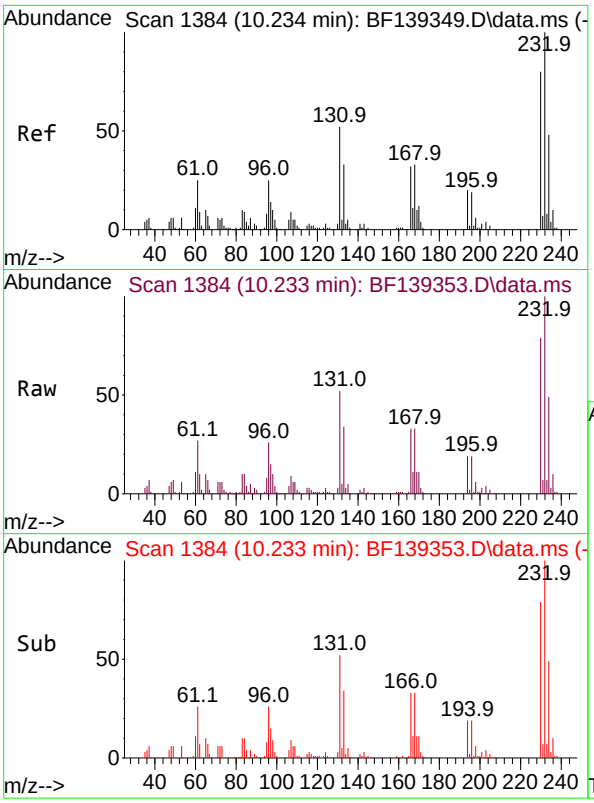


#58
Fluorene
Concen: 41.538 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:166 Resp: 352269

Ion	Ratio	Lower	Upper
166	100		
165	91.4	74.5	111.7
167	13.1	10.6	16.0



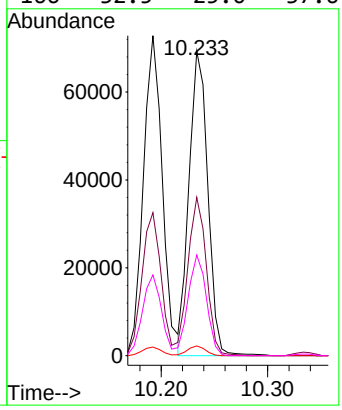


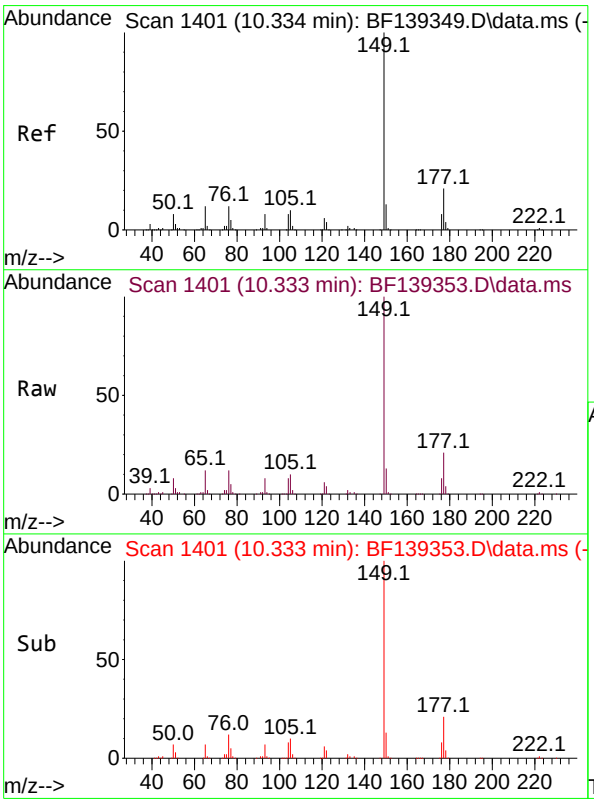
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.958 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:232 Resp: 85035

Ion	Ratio	Lower	Upper
232	100		
131	51.6	40.7	61.1
130	3.1	2.2	3.2
166	32.5	25.0	37.6

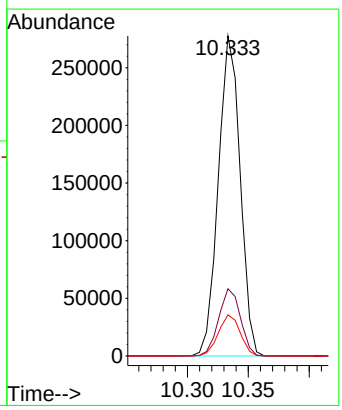


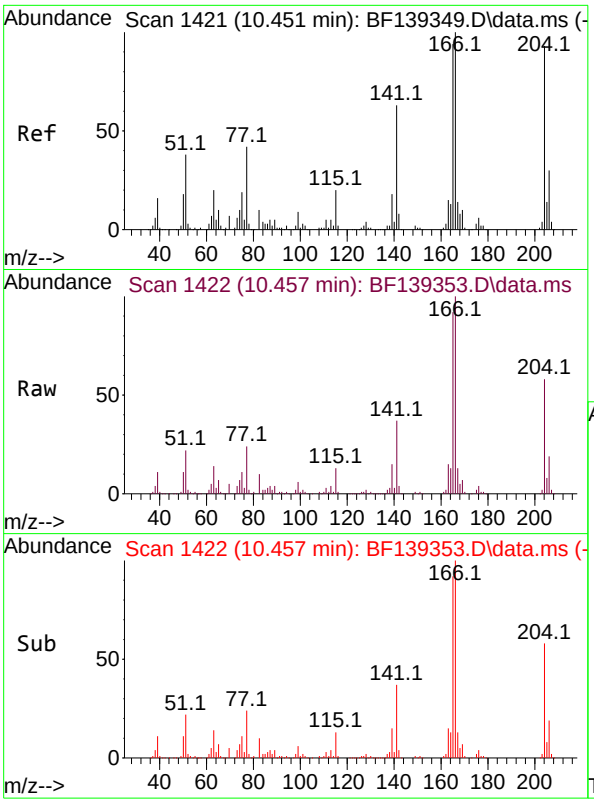


#60
Diethylphthalate
Concen: 41.455 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 346481

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	24.8
150	12.9	10.6	15.8



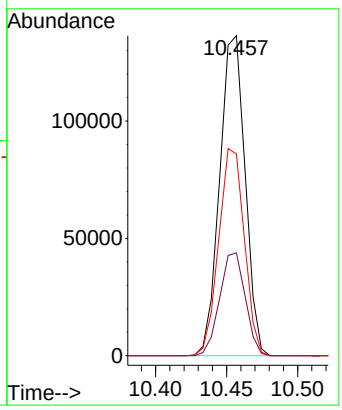


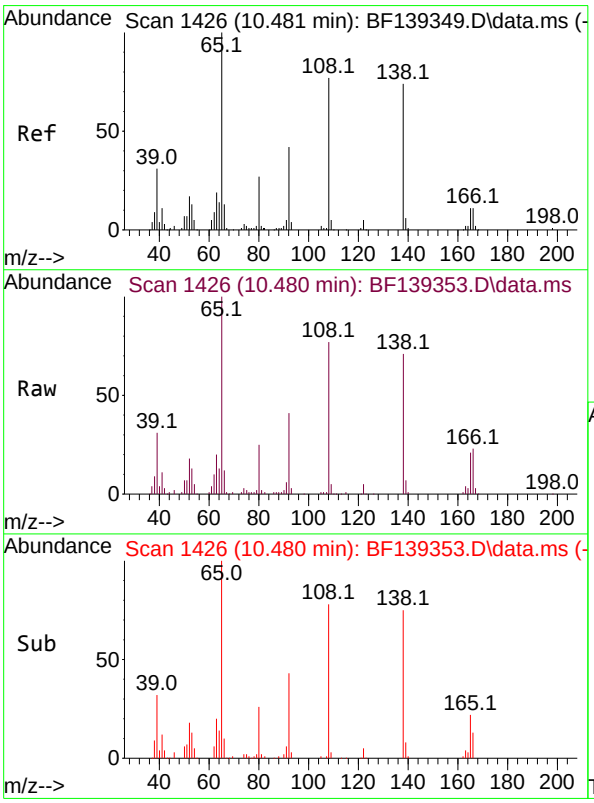
#61
4-Chlorophenyl-phenylether
Concen: 41.227 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:204 Resp: 169915

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	63.1	53.9	80.9

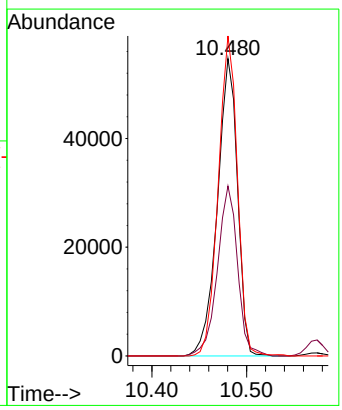


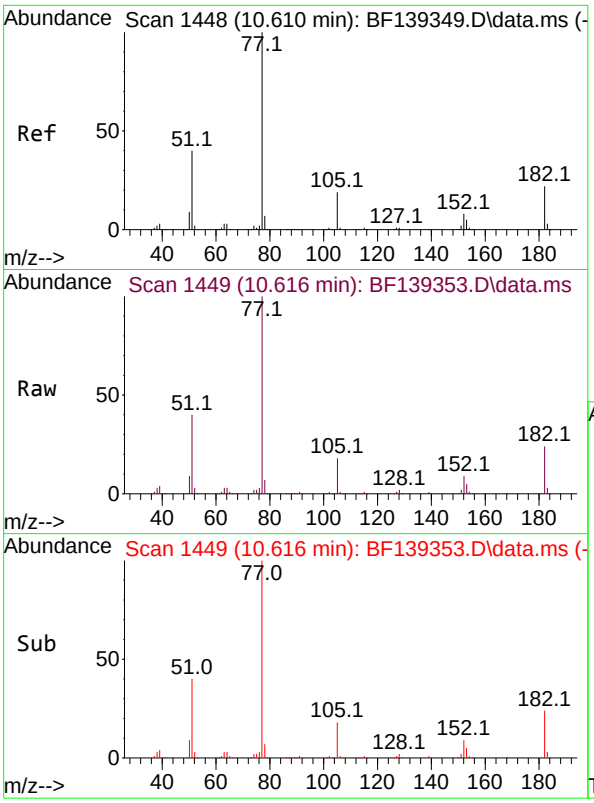


#62
4-Nitroaniline
Concen: 41.297 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:138 Resp: 80817

Ion	Ratio	Lower	Upper
138	100		
92	57.1	37.0	77.0
108	107.6	84.4	124.4



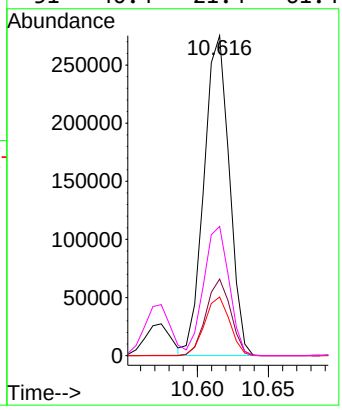


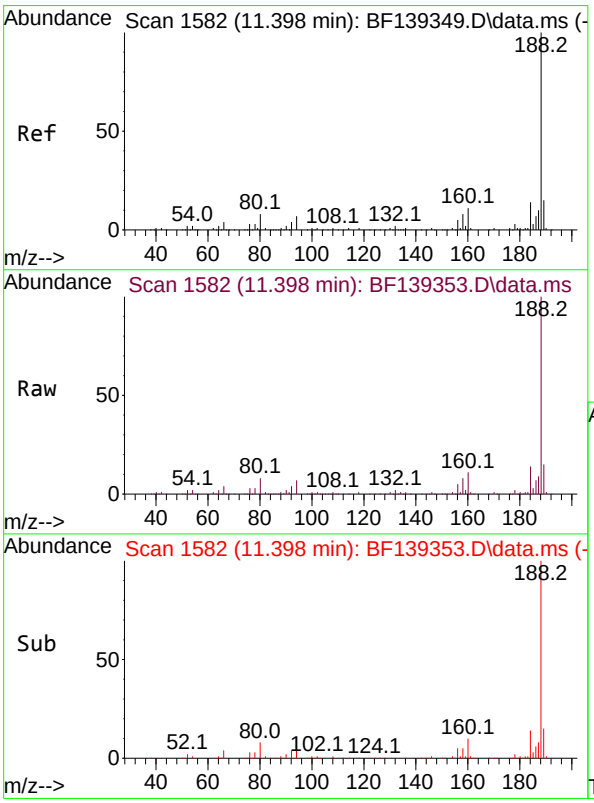
#63
Azobenzene
Concen: 41.589 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion: 77 Resp: 341882

Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.8	41.8
105	18.4	0.0	38.6
51	40.4	21.4	61.4

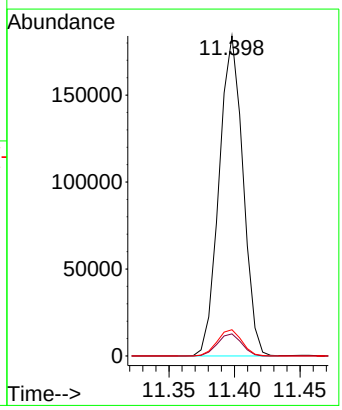


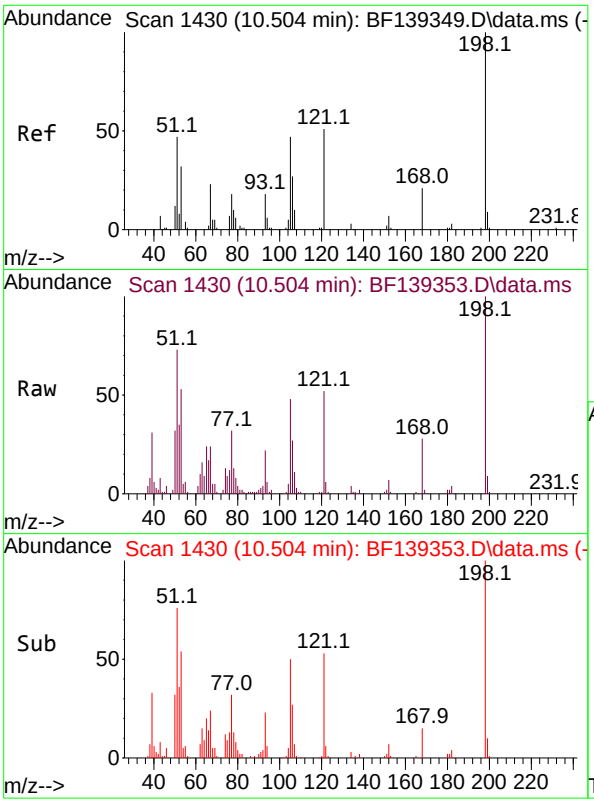


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:188 Resp: 232644

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.2	6.6	9.8



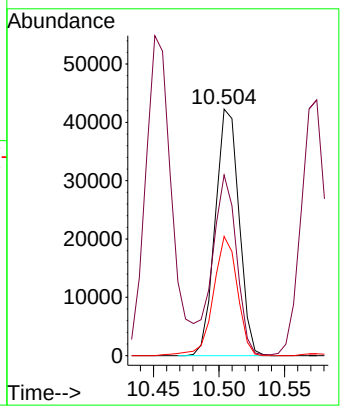


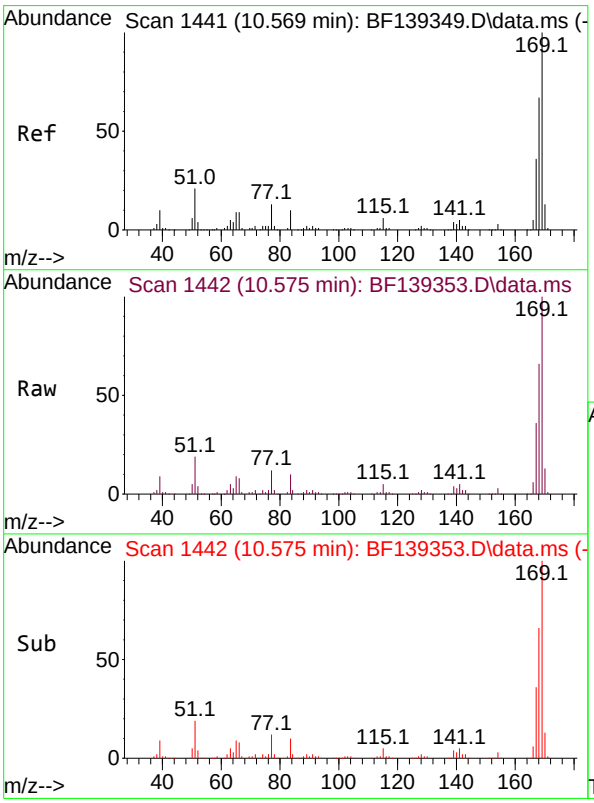
#65
4,6-Dinitro-2-methylphenol
Concen: 43.348 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:198 Resp: 53225

Ion	Ratio	Lower	Upper
198	100		
51	73.3	50.4	90.4
105	48.3	28.3	68.3

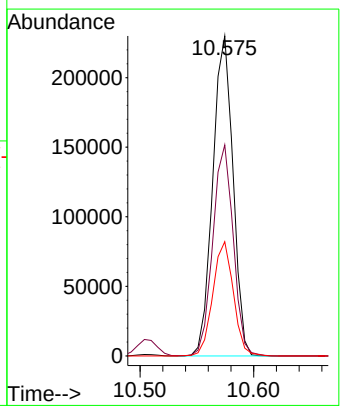


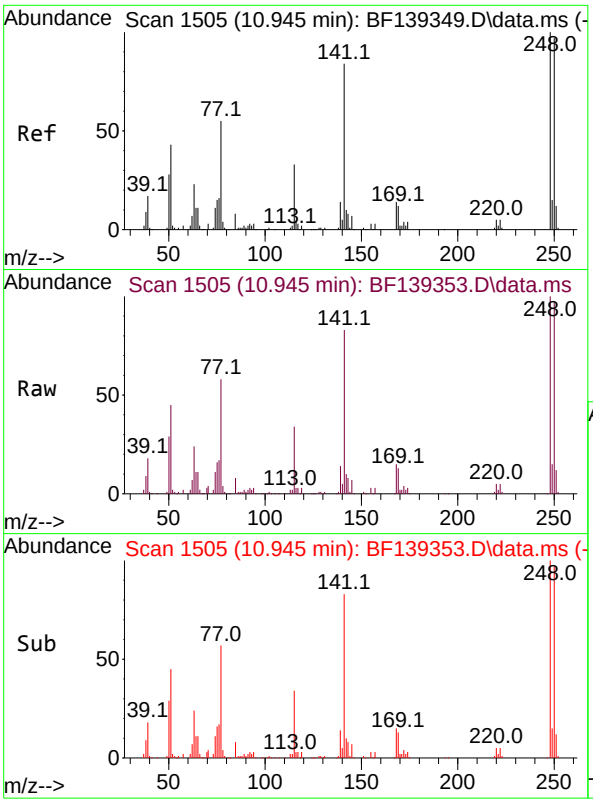


#66
n-Nitrosodiphenylamine
Concen: 41.916 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:169 Resp: 285103

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.6	80.4
167	35.7	28.7	43.1



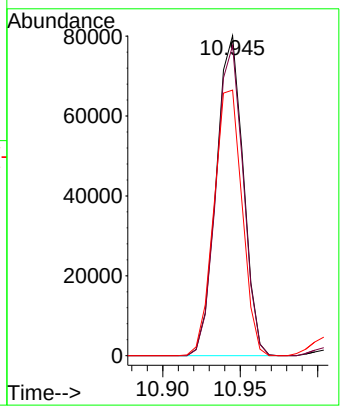


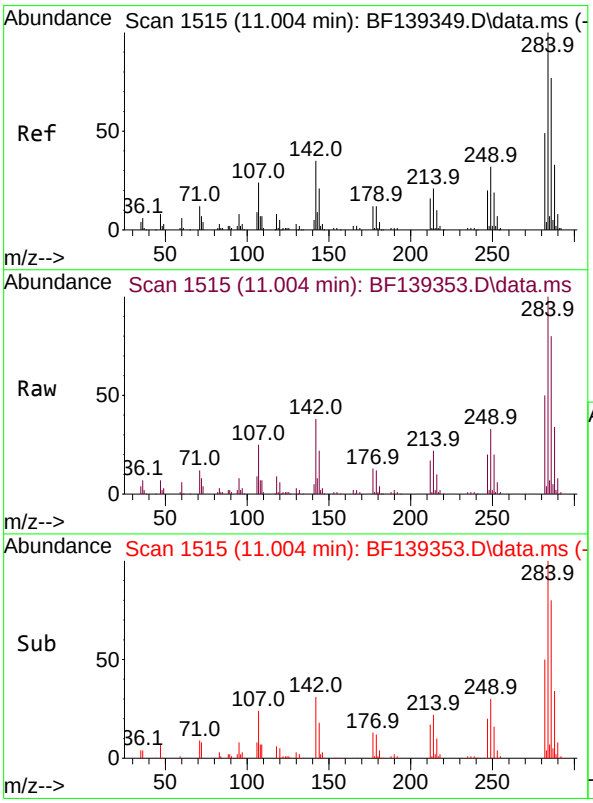
#67
4-Bromophenyl-phenylether
Concen: 42.063 ng
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:248 Resp: 96974

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.6	116.4
141	83.0	66.9	100.3

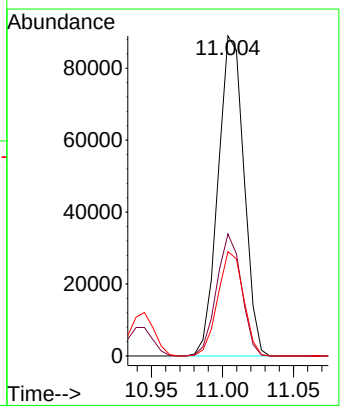


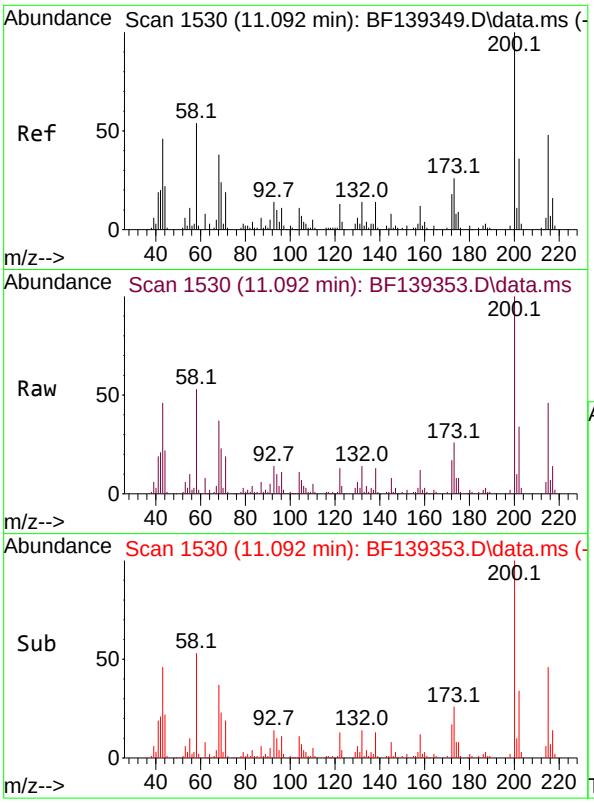


#68
Hexachlorobenzene
Concen: 41.637 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:284 Resp: 112658

Ion	Ratio	Lower	Upper
284	100		
142	38.1	28.0	42.0
249	32.6	25.3	37.9



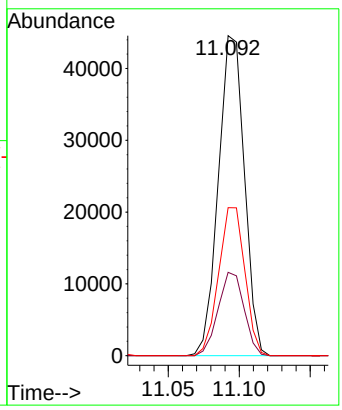


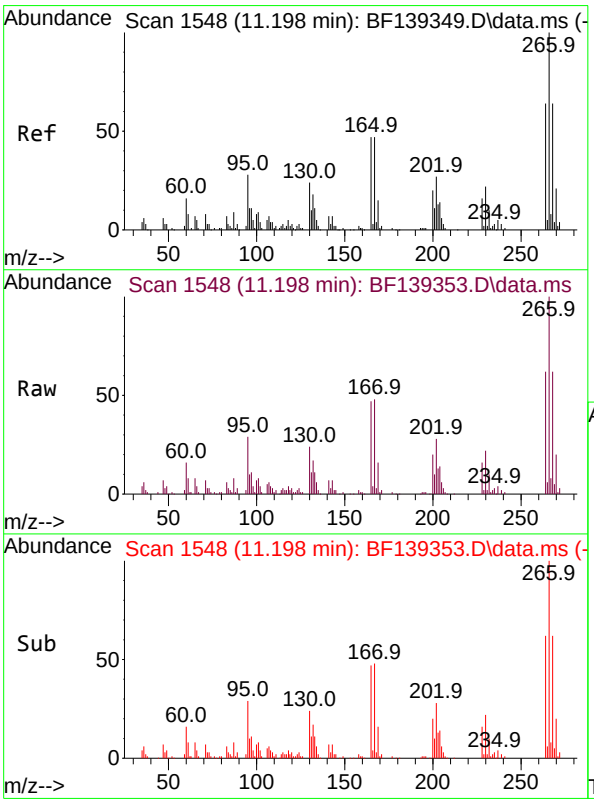
#69
Atrazine
Concen: 35.101 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:200 Resp: 56838

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.1	46.1
215	46.3	28.2	68.2

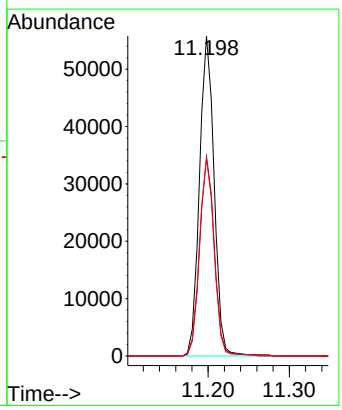


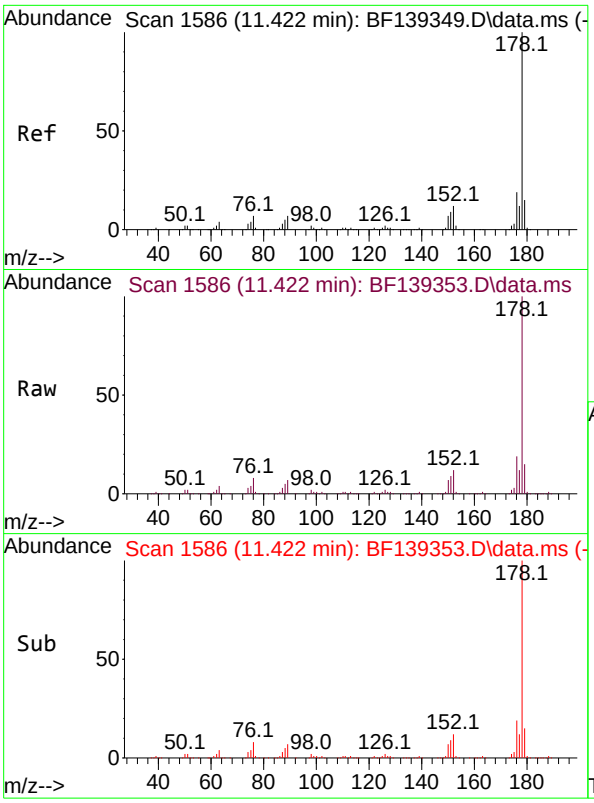


#70
Pentachlorophenol
Concen: 43.112 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:266 Resp: 69995

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.8	51.4	77.0



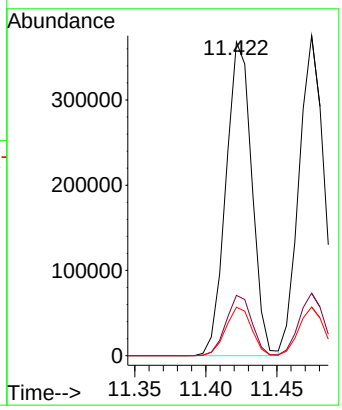


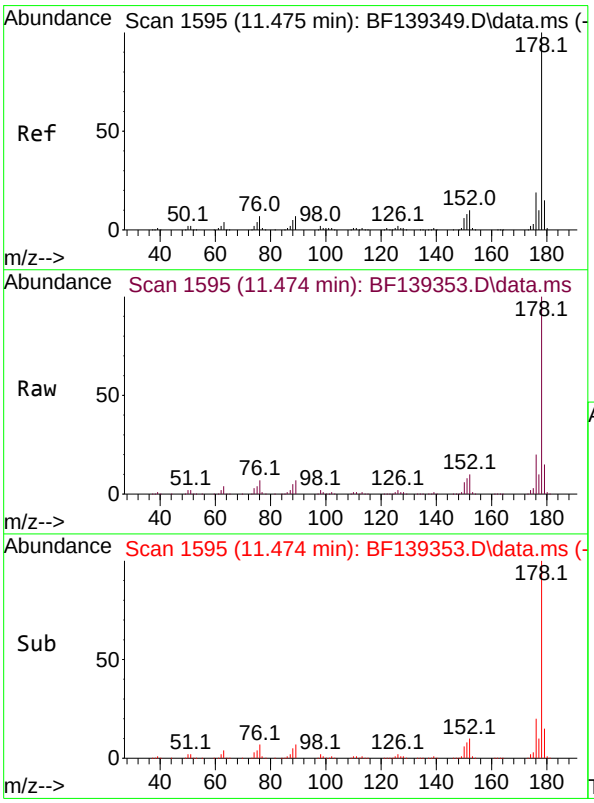
#71
Phenanthrene
Concen: 41.537 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:178 Resp: 466219

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.5	12.2	18.4

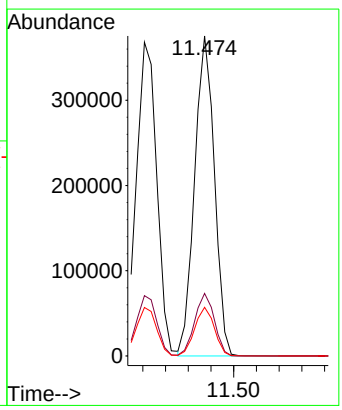


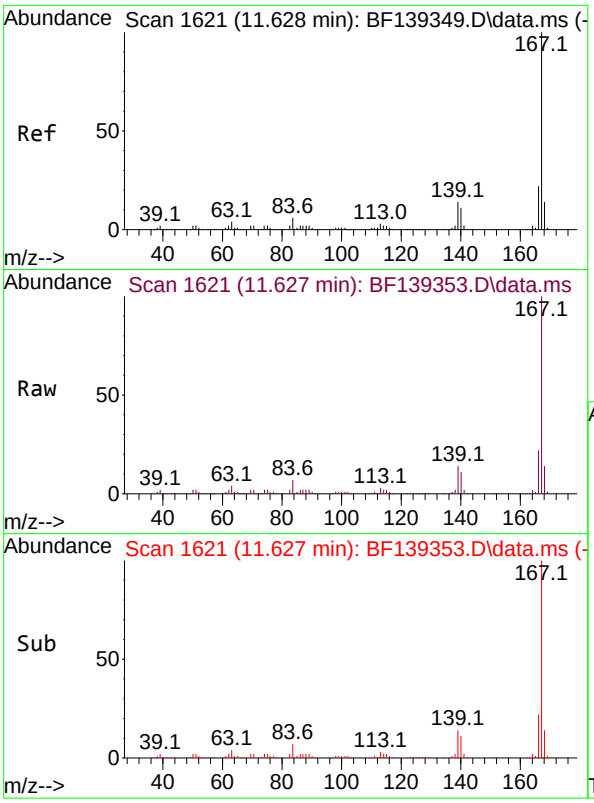


#72
Anthracene
Concen: 41.446 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:178 Resp: 454834

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	15.2	12.0	18.0



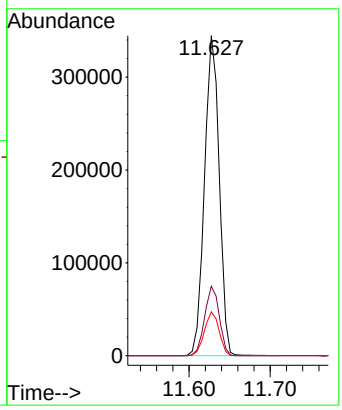


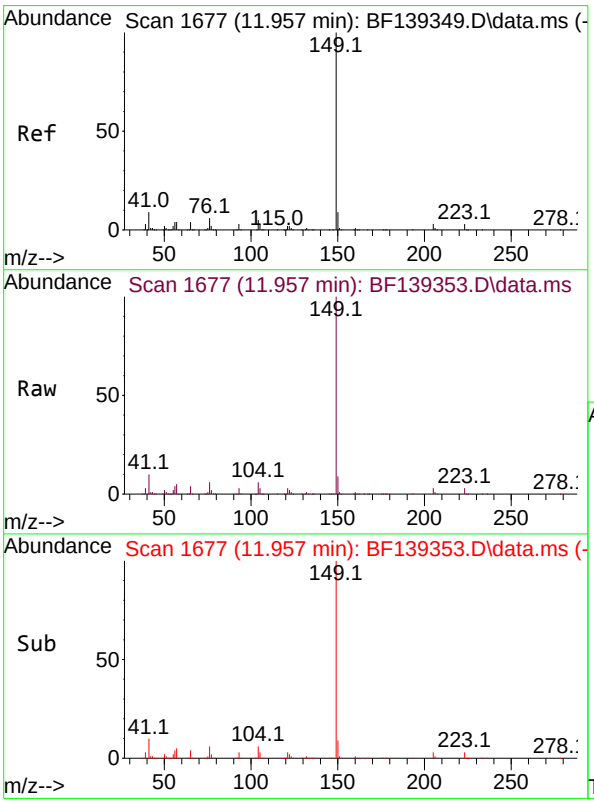
#73
Carbazole
Concen: 41.161 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:167 Resp: 432323

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.7	10.9	16.3

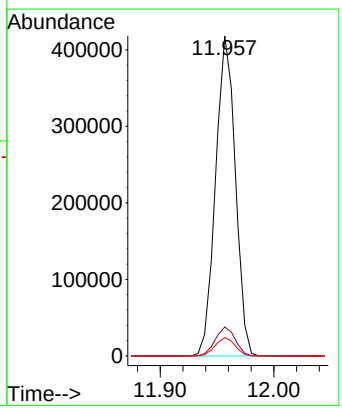


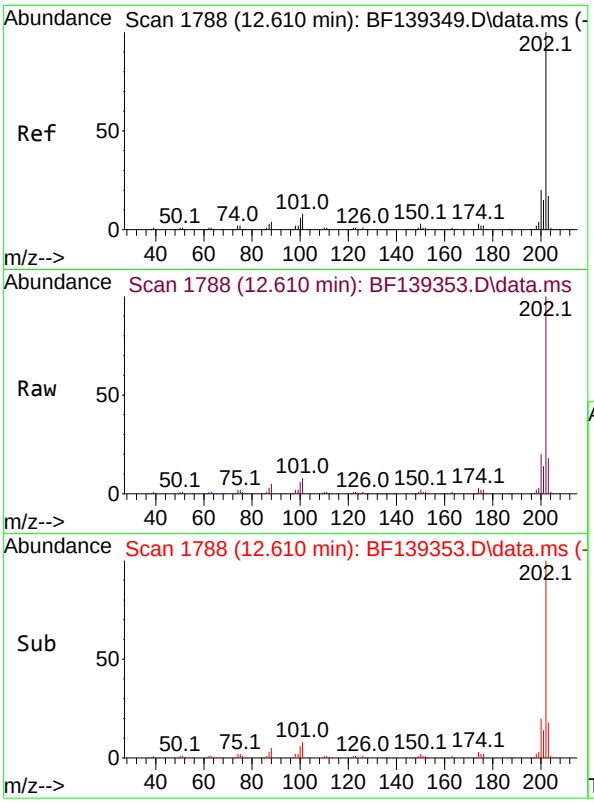


#74
Di-n-butylphthalate
Concen: 43.260 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 506151

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.8	4.3	6.5



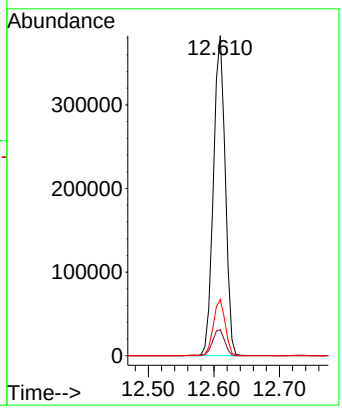


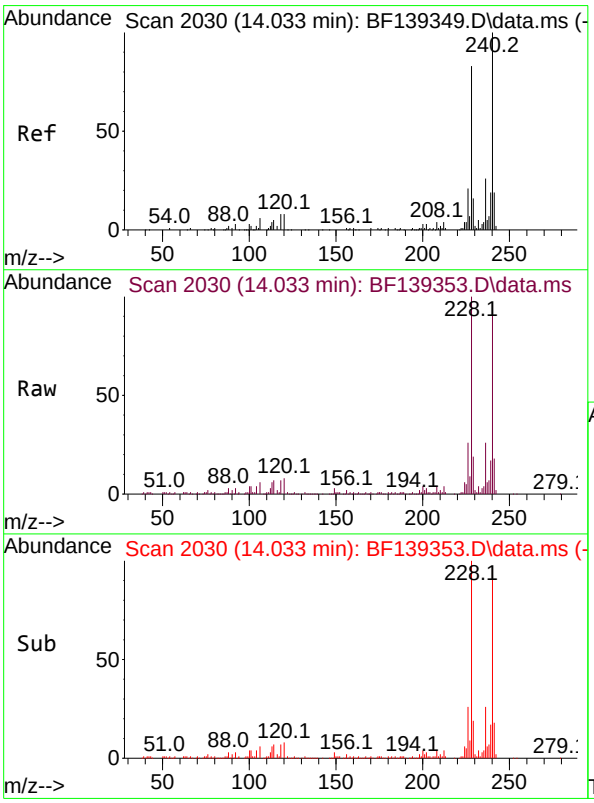
#75
Fluoranthene
Concen: 39.911 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:202 Resp: 478394

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.7
203	17.6	0.0	37.4

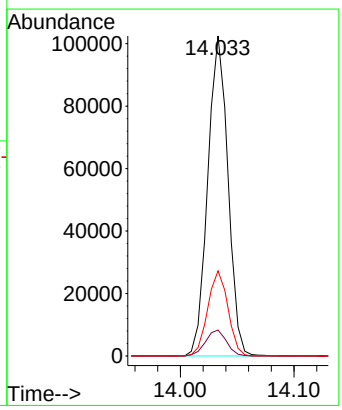


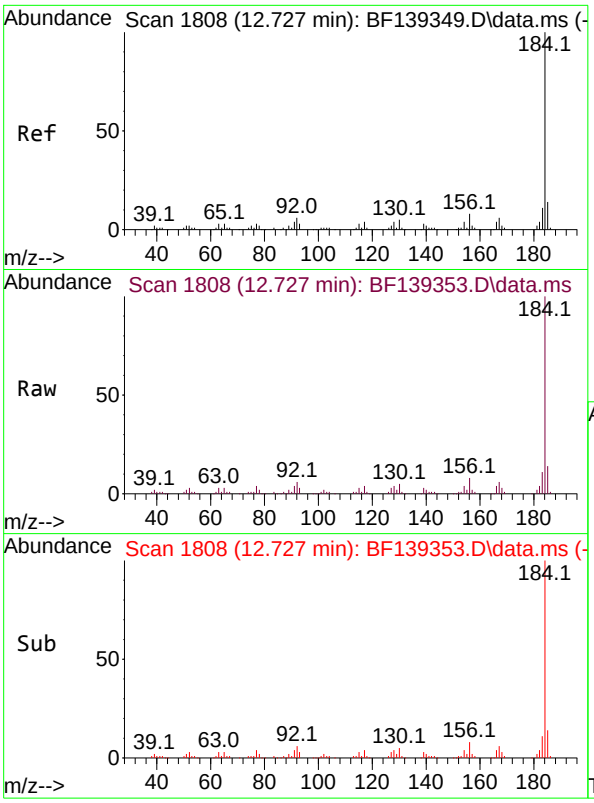


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:240 Resp: 126339

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.2
236	26.6	20.9	31.3



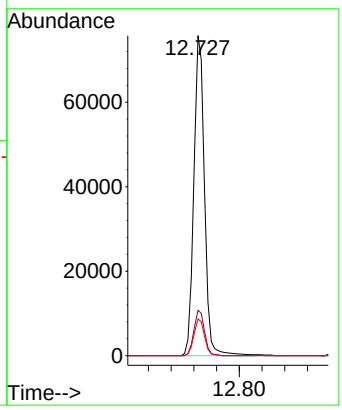


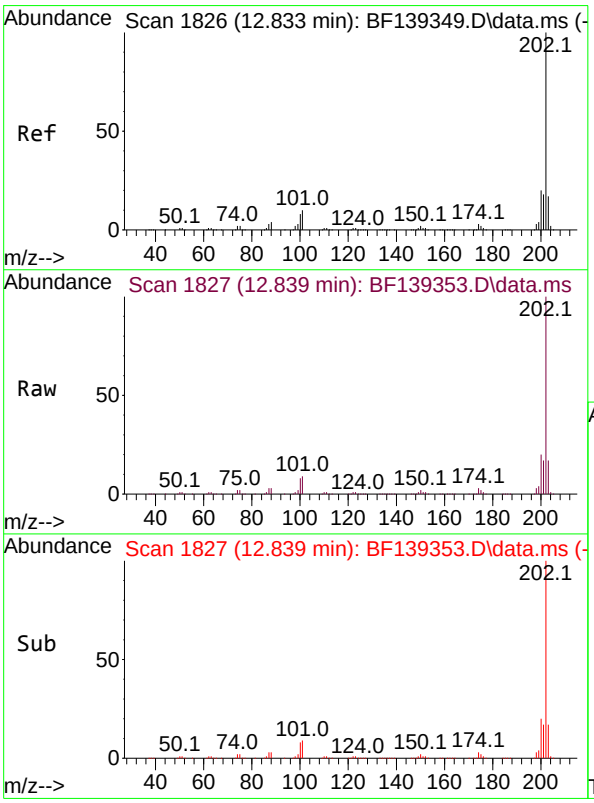
#77
Benzidine
Concen: 54.902 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:184 Resp: 99376

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.5	8.9	13.3

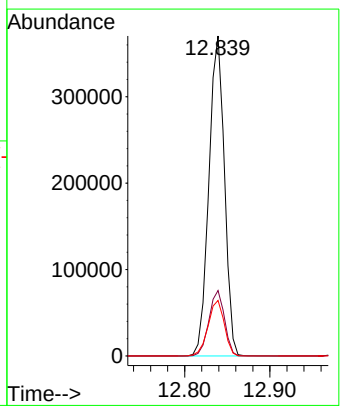


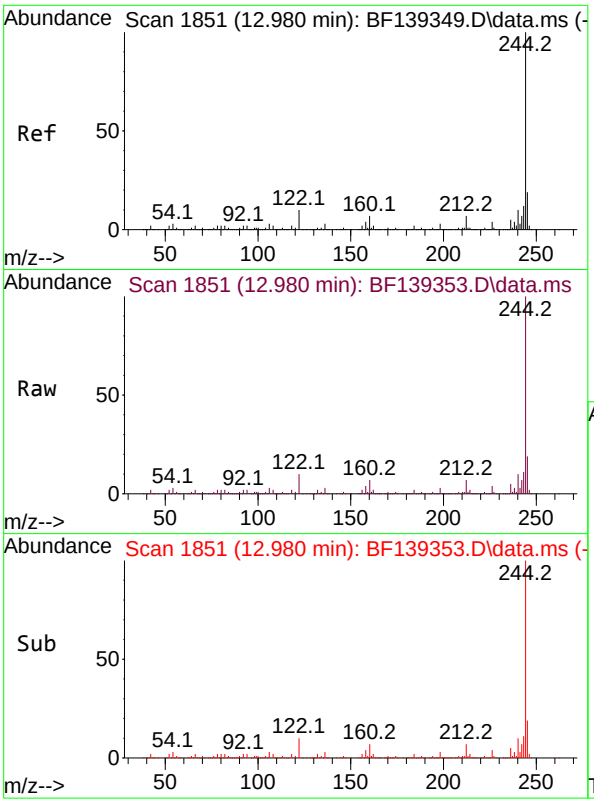


#78
Pyrene
Concen: 43.433 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:202 Resp: 471161

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.4	13.9	20.9



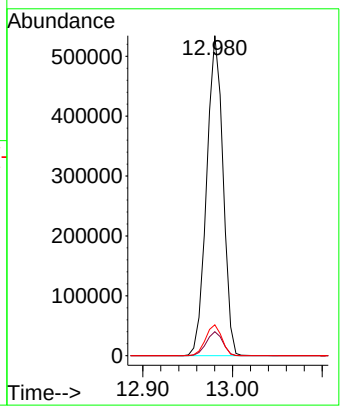


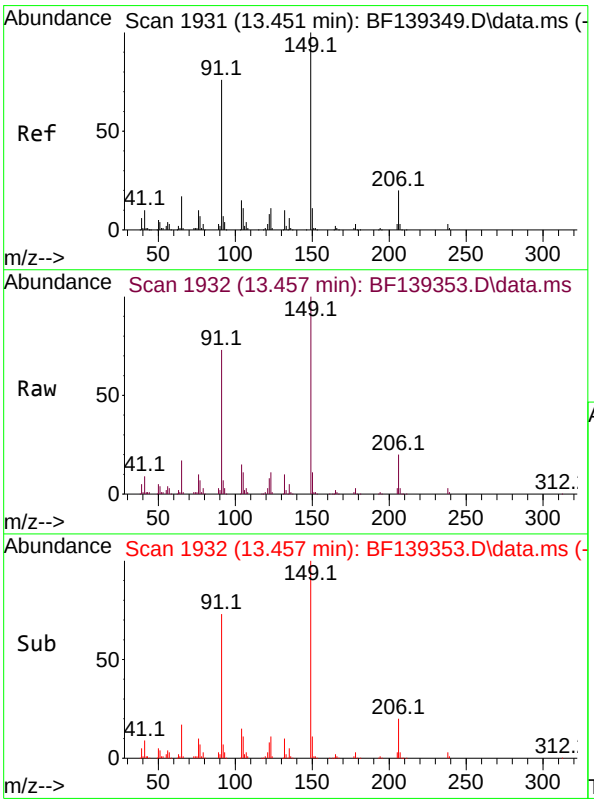
#79
Terphenyl-d14
Concen: 87.992 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:244 Resp: 677284

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.6	7.6	11.4

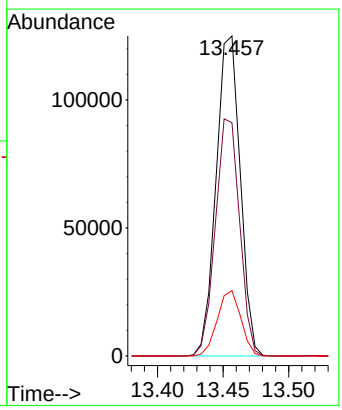


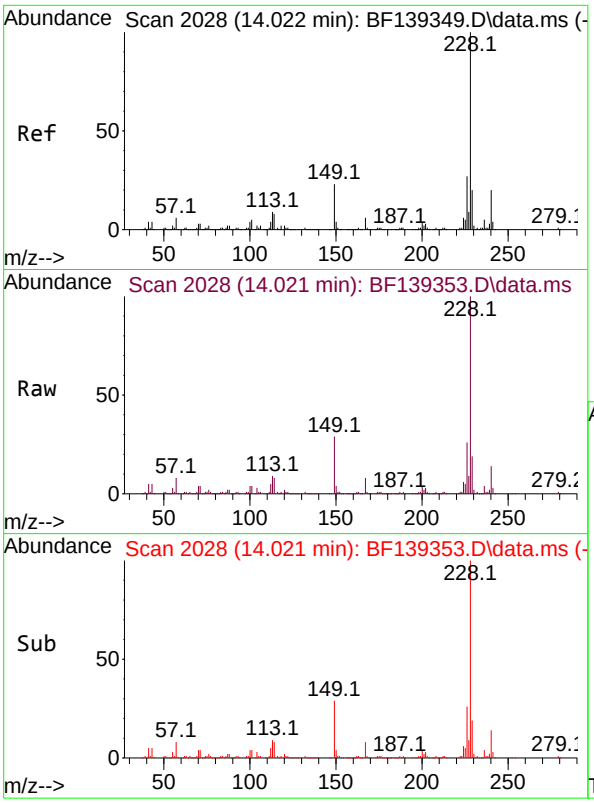


#80
Butylbenzylphthalate
Concen: 43.319 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 159953

Ion	Ratio	Lower	Upper
149	100		
91	72.9	60.9	91.3
206	20.4	15.8	23.8



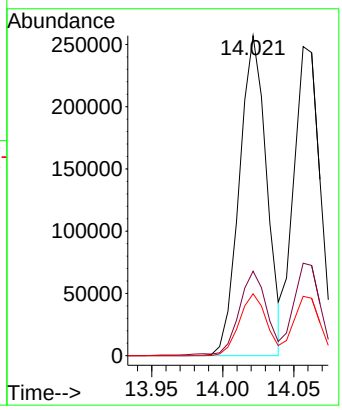


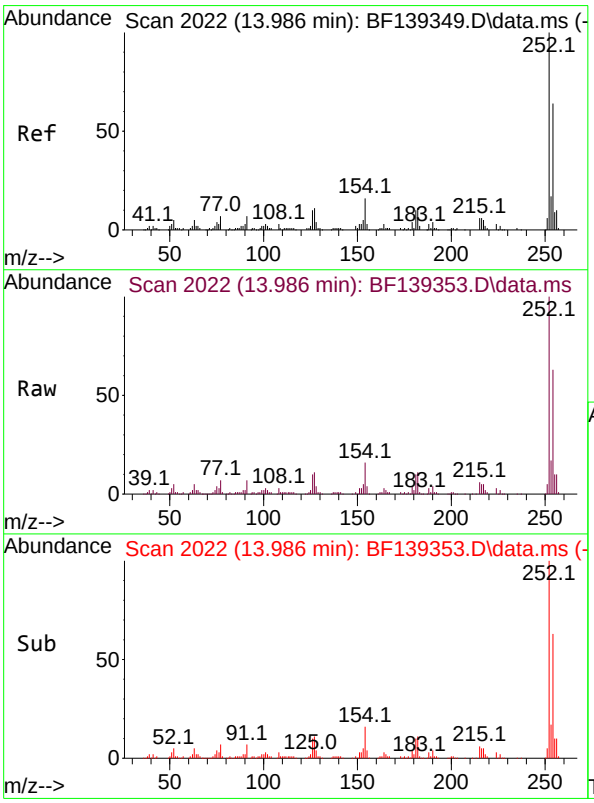
#81
Benzo(a)anthracene
Concen: 40.958 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:228 Resp: 342764

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.6	32.4
229	19.4	15.7	23.5

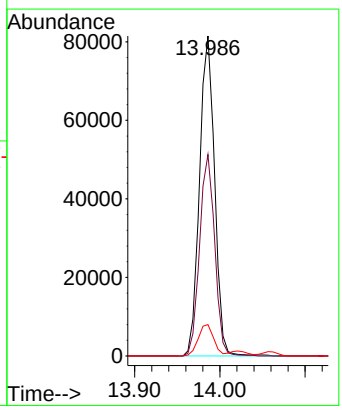


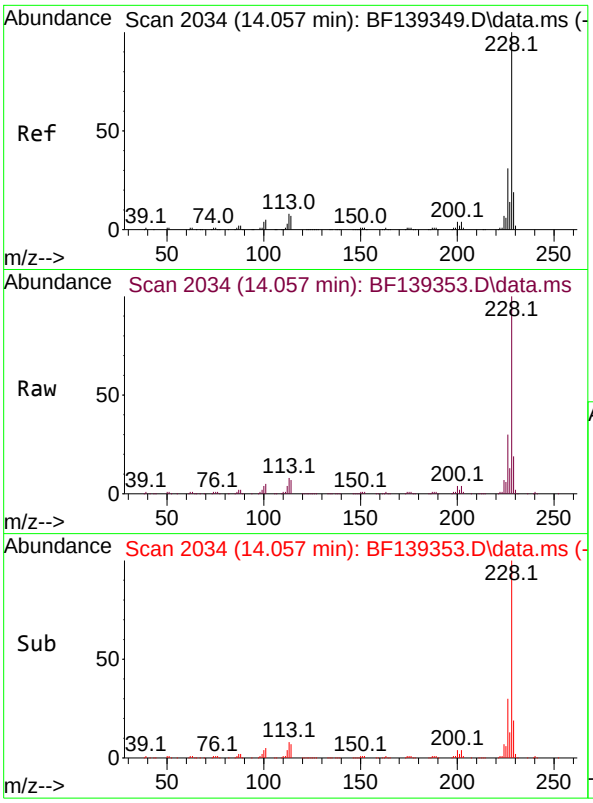


#82
3,3'-Dichlorobenzidine
Concen: 40.924 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:252 Resp: 100295

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	9.8	7.7	11.5



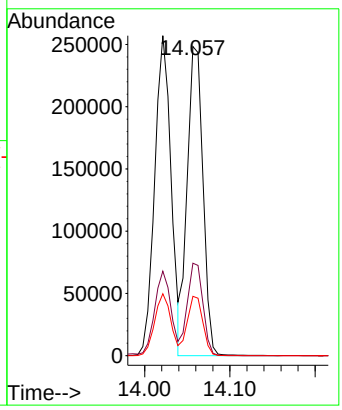


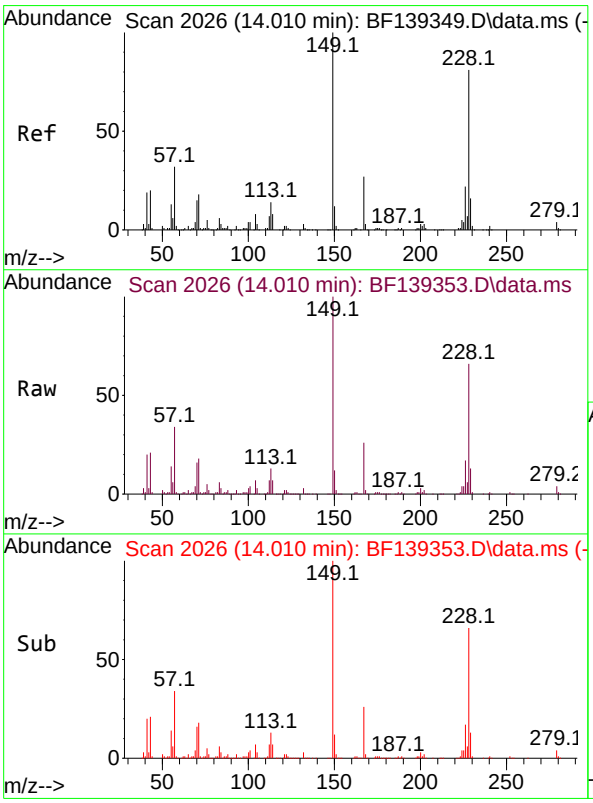
#83
Chrysene
Concen: 41.606 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:228 Resp: 320335

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.2	15.4	23.0

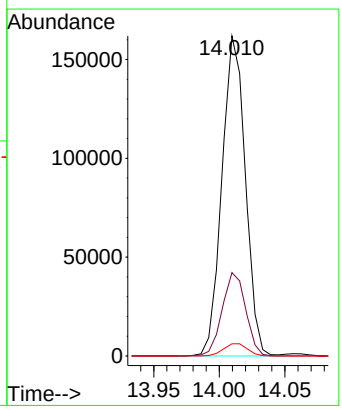


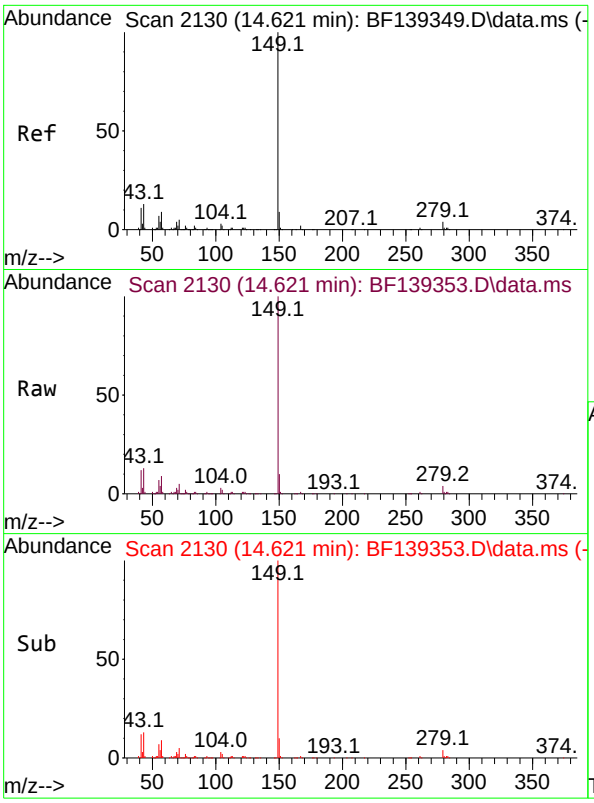


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.807 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 201075

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.6	32.4
279	3.8	3.3	4.9



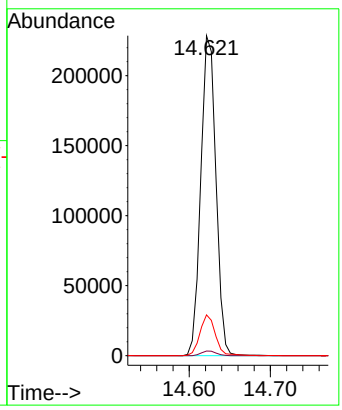


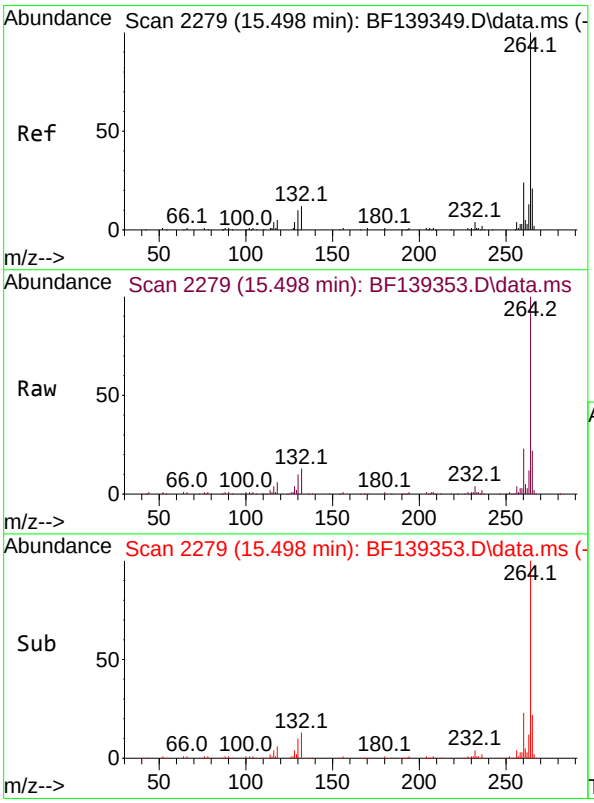
#85
Di-n-octyl phthalate
Concen: 42.744 ng
RT: 14.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:149 Resp: 295691

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.1	10.6	16.0

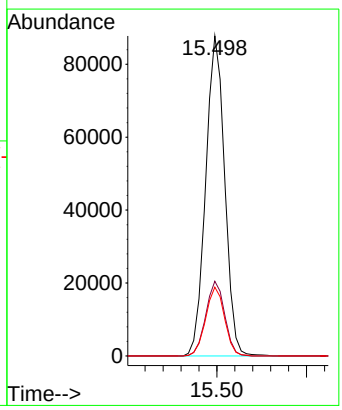


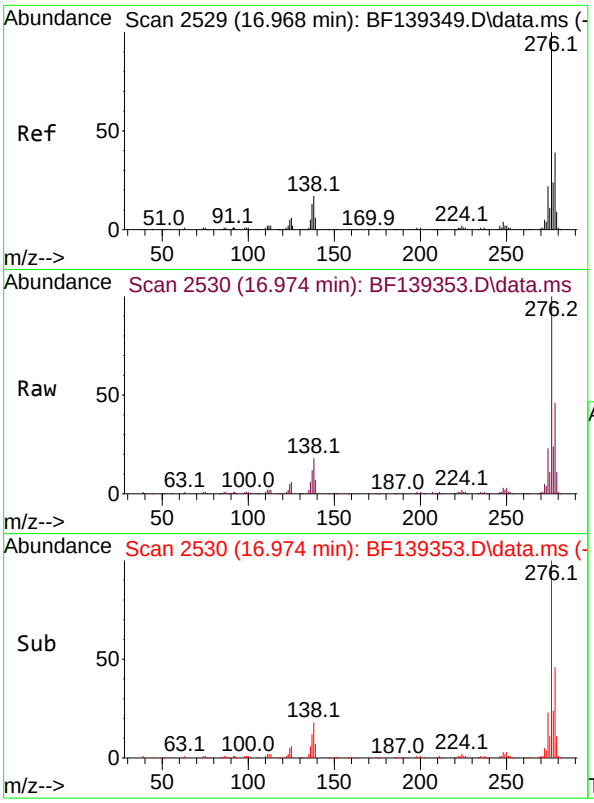


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:264 Resp: 129089

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.5	16.6	25.0



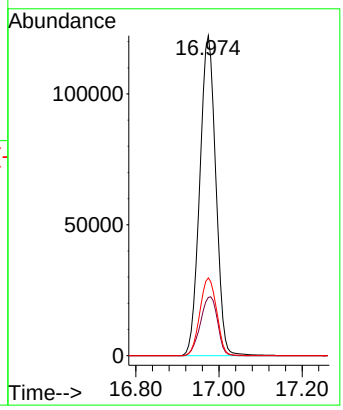


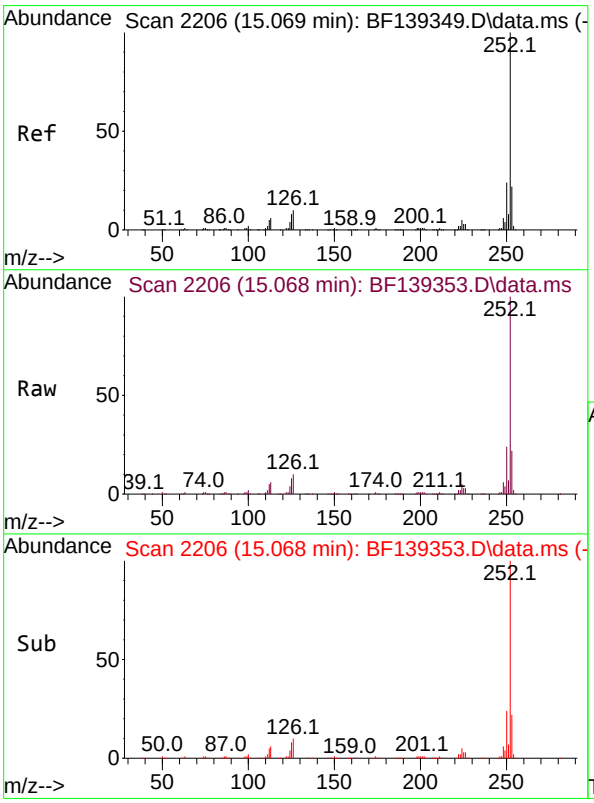
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.725 ng
RT: 16.974 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:276 Resp: 327960

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.4	23.2
277	25.3	20.4	30.6

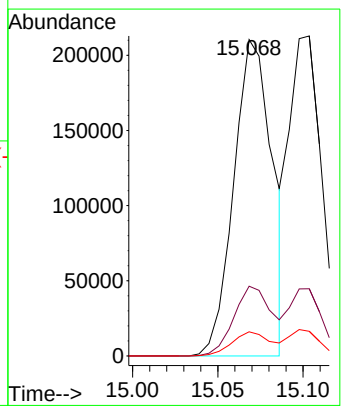


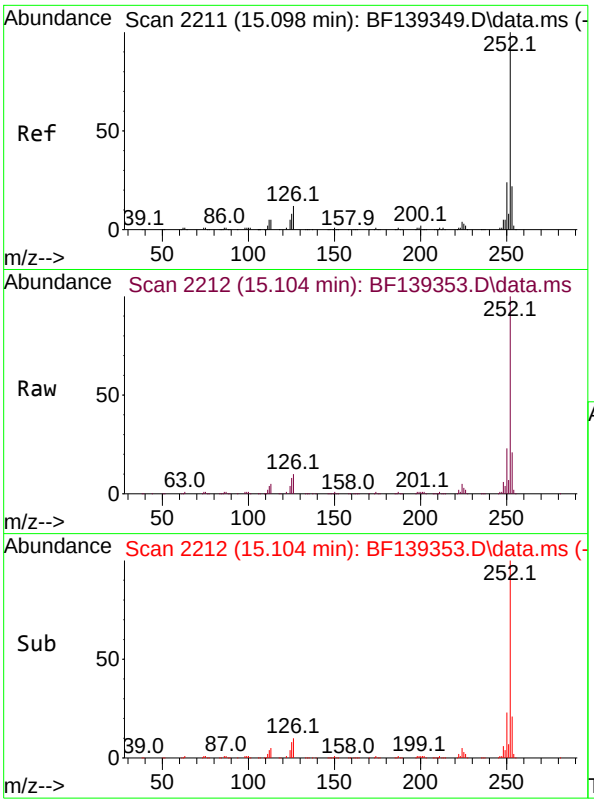


#88
Benzo(b)fluoranthene
Concen: 41.652 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:252 Resp: 331607

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.2	9.2



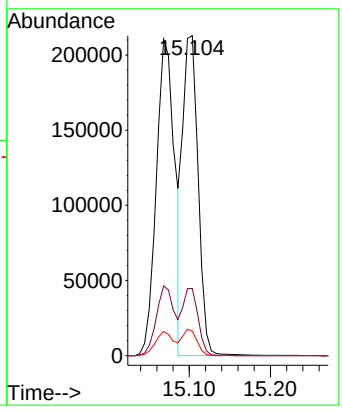


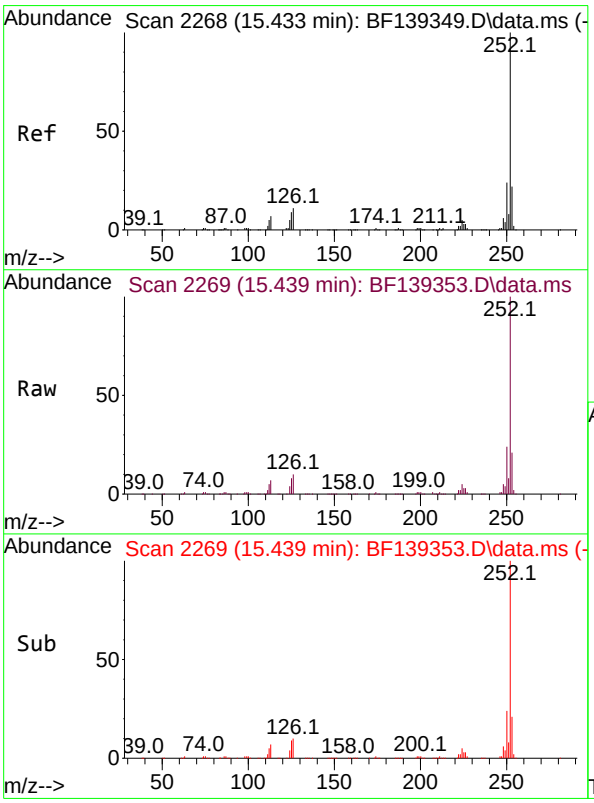
#89
Benzo(k)fluoranthene
Concen: 38.351 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:252 Resp: 281522

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.3	25.9
125	7.7	5.9	8.9

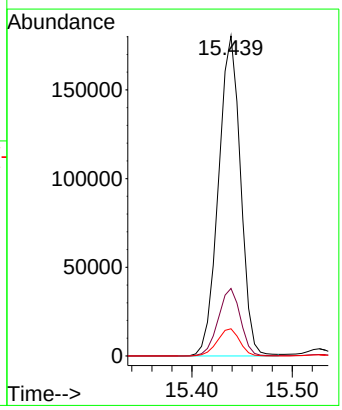


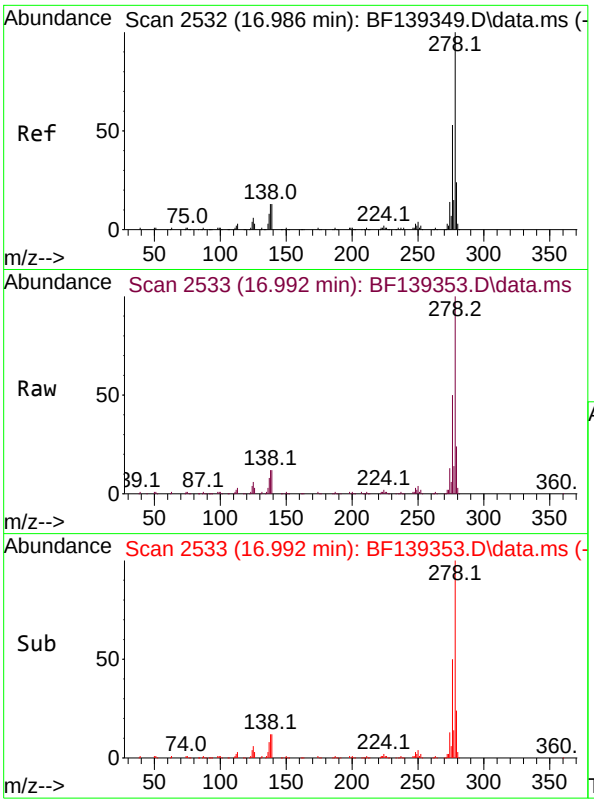


#90
Benzo(a)pyrene
Concen: 41.792 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:252 Resp: 275944

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	8.5	6.8	10.2



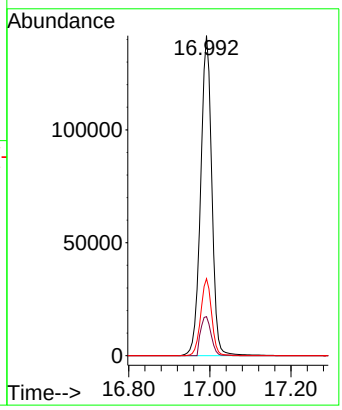


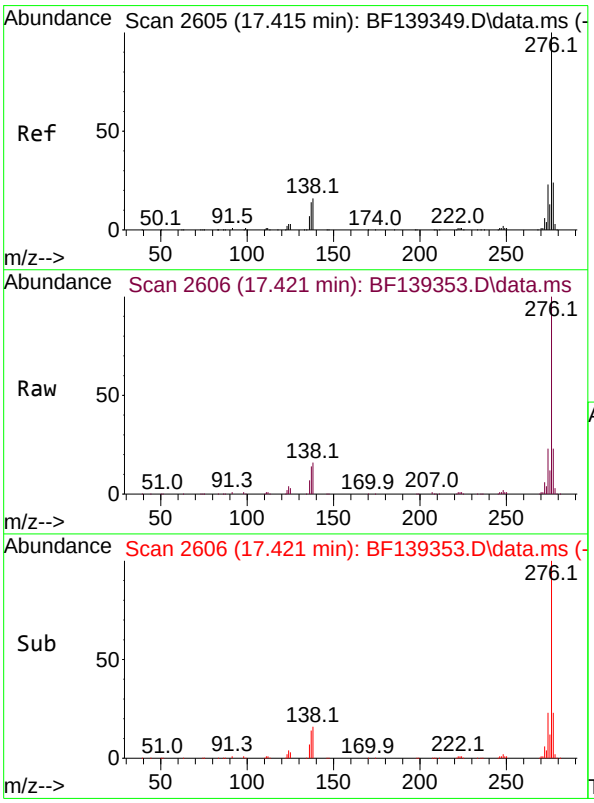
#91
Dibenzo(a,h)anthracene
Concen: 42.761 ng
RT: 16.992 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:278 Resp: 271229

Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.2	15.2
279	24.0	18.9	28.3

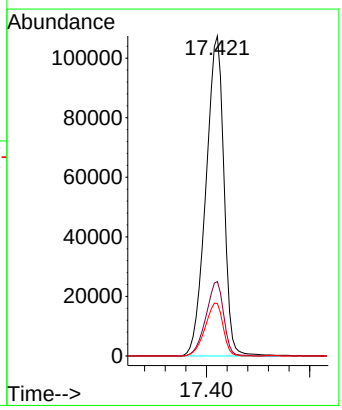




#92
Benzo(g,h,i)perylene
Concen: 41.259 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:276 Resp: 259119

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	16.4	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
2		1,4-Dioxane	0.492	0.481	2.2	115	0.00
3		Pyridine	1.084	1.168	-7.7	126	0.00
4		n-Nitrosodimethylamine	0.940	0.954	-1.5	120	0.00
5	S	2-Fluorophenol	1.226	1.233	-0.6	120	0.00
6		Aniline	1.214	1.354	-11.5	134	-0.02
7	S	Phenol-d6	1.609	1.632	-1.4	121	0.00
8		2-Chlorophenol	1.262	1.301	-3.1	124	0.00
9		Benzaldehyde	0.930	0.985	-5.9	140	0.00
10	C	Phenol	1.639	1.704	-4.0	125	0.00
11		bis(2-Chloroethyl)ether	1.246	1.176	5.6	123	0.00
12		1,3-Dichlorobenzene	1.435	1.444	-0.6	121	0.00
13	C	1,4-Dichlorobenzene	1.450	1.460	-0.7	121	0.00
14		1,2-Dichlorobenzene	1.370	1.405	-2.6	124	0.00
15		Benzyl Alcohol	1.284	1.325	-3.2	122	0.00
16		2,2'-oxybis(1-Chloropropane	1.920	1.978	-3.0	125	0.00
17		2-Methylphenol	1.003	1.012	-0.9	122	0.00
18		Hexachloroethane	0.552	0.569	-3.1	124	0.00
19	P	n-Nitroso-di-n-propylamine	0.954	0.986	-3.4	124	0.00
20		3+4-Methylphenols	1.368	1.396	-2.0	122	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22		Acetophenone	0.523	0.538	-2.9	123	0.00
23	S	Nitrobenzene-d5	0.425	0.448	-5.4	125	0.00
24		Nitrobenzene	0.438	0.456	-4.1	124	0.00
25		Isophorone	0.673	0.696	-3.4	125	0.00
26	C	2-Nitrophenol	0.171	0.186	-8.8	126	0.00
27		2,4-Dimethylphenol	0.225	0.236	-4.9	123	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.401	-4.7	128	0.00
29	C	2,4-Dichlorophenol	0.286	0.301	-5.2	126	0.00
30		1,2,4-Trichlorobenzene	0.333	0.344	-3.3	124	0.00
31		Naphthalene	1.044	1.082	-3.6	124	0.00
32		Benzoic acid	0.211	0.233	-10.4	130	0.01
33		4-Chloroaniline	0.319	0.348	-9.1	127	0.00
34	C	Hexachlorobutadiene	0.226	0.234	-3.5	124	0.00
35		Caprolactam	0.088	0.091	-3.4	120	0.00
36	C	4-Chloro-3-methylphenol	0.327	0.340	-4.0	123	0.00
37		2-Methylnaphthalene	0.663	0.674	-1.7	122	0.00
38		1-Methylnaphthalene	0.651	0.668	-2.6	124	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	125	0.00
40		1,2,4,5-Tetrachlorobenzene	0.593	0.616	-3.9	125	0.00
41	P	Hexachlorocyclopentadiene	0.207	0.212	-2.4	116	0.00
42	S	2,4,6-Tribromophenol	0.213	0.222	-4.2	121	0.00
43	C	2,4,6-Trichlorophenol	0.386	0.405	-4.9	120	0.00
44		2,4,5-Trichlorophenol	0.407	0.431	-5.9	124	0.00
45	S	2-Fluorobiphenyl	1.426	1.464	-2.7	123	0.00
46		1,1'-Biphenyl	1.539	1.578	-2.5	122	0.00
47		2-Chloronaphthalene	1.150	1.191	-3.6	123	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.428	0.457	-6.8	125	0.00
49		Acenaphthylene	1.732	1.778	-2.7	123	0.00
50		Dimethylphthalate	1.313	1.343	-2.3	121	0.00
51		2,6-Dinitrotoluene	0.291	0.313	-7.6	125	0.00
52	C	Acenaphthene	1.209	1.258	-4.1	122	0.00
53		3-Nitroaniline	0.291	0.317	-8.9	124	0.00
54	P	2,4-Dinitrophenol	0.162	0.167	-3.1	117	0.00
55		Dibenzofuran	1.685	1.735	-3.0	122	0.00
56	P	4-Nitrophenol	0.240	0.251	-4.6	118	0.00
57		2,4-Dinitrotoluene	0.393	0.426	-8.4	123	0.00
58		Fluorene	1.375	1.427	-3.8	121	0.00
59		2,3,4,6-Tetrachlorophenol	0.336	0.345	-2.7	120	0.00
60		Diethylphthalate	1.355	1.404	-3.6	122	0.00
61		4-Chlorophenyl-phenylether	0.668	0.688	-3.0	122	0.00
62		4-Nitroaniline	0.317	0.327	-3.2	118	0.00
63		Azobenzene	1.332	1.385	-4.0	122	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	120	0.00
65		4,6-Dinitro-2-methylphenol	0.106	0.114	-7.5	118	0.00
66	c	n-Nitrosodiphenylamine	0.585	0.613	-4.8	122	0.00
67		4-Bromophenyl-phenylether	0.198	0.208	-5.1	121	0.00
68		Hexachlorobenzene	0.233	0.242	-3.9	119	0.00
69		Atrazine	0.139	0.122	12.2	121	0.00
70	C	Pentachlorophenol	0.140	0.150	-7.1	120	0.00
71		Phenanthrene	0.965	1.002	-3.8	120	0.00
72		Anthracene	0.943	0.978	-3.7	119	0.00
73		Carbazole	0.903	0.929	-2.9	118	0.00
74		Di-n-butylphthalate	1.006	1.088	-8.2	121	0.00
75	C	Fluoranthene	1.030	1.028	0.2	114	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.287	0.393	-36.9#	118	0.00
78		Pyrene	1.717	1.865	-8.6	112	0.00
79	S	Terphenyl-d14	1.218	1.340	-10.0	115	0.00
80		Butylbenzylphthalate	0.585	0.633	-8.2	116	0.00
81		Benzo(a)anthracene	1.325	1.357	-2.4	115	0.00
82		3,3'-Dichlorobenzidine	0.388	0.397	-2.3	122	0.00
83		Chrysene	1.219	1.268	-4.0	119	0.00
84		Bis(2-ethylhexyl)phthalate	0.744	0.796	-7.0	120	0.00
85	c	Di-n-octyl phthalate	1.095	1.170	-6.8	120	0.00
86	I	Perylene-d12	1.000	1.000	0.0	121	0.00
87		Indeno(1,2,3-cd)pyrene	1.189	1.270	-6.8	113	0.00
88		Benzo(b)fluoranthene	1.233	1.284	-4.1	127	0.00
89		Benzo(k)fluoranthene	1.137	1.090	4.1	111	0.00
90	C	Benzo(a)pyrene	1.023	1.069	-4.5	120	0.00
91		Dibenzo(a,h)anthracene	0.983	1.051	-6.9	116	0.00
92		Benzo(g,h,i)perylene	0.973	1.004	-3.2	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	118	0.00
2		1,4-Dioxane	40.000	39.149	2.1	115	0.00
3		Pyridine	40.000	43.077	-7.7	126	0.00
4		n-Nitrosodimethylamine	40.000	40.597	-1.5	120	0.00
5	S	2-Fluorophenol	80.000	80.470	-0.6	120	0.00
6		Aniline	40.000	44.592	-11.5	134	-0.02
7	S	Phenol-d6	80.000	81.152	-1.4	121	0.00
8		2-Chlorophenol	40.000	41.245	-3.1	124	0.00
9		Benzaldehyde	40.000	42.392	-6.0	140	0.00
10	C	Phenol	40.000	41.583	-4.0	125	0.00
11		bis(2-Chloroethyl)ether	40.000	37.760	5.6	123	0.00
12		1,3-Dichlorobenzene	40.000	40.235	-0.6	121	0.00
13	C	1,4-Dichlorobenzene	40.000	40.273	-0.7	121	0.00
14		1,2-Dichlorobenzene	40.000	41.020	-2.6	124	0.00
15		Benzyl Alcohol	40.000	41.276	-3.2	122	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.216	-3.0	125	0.00
17		2-Methylphenol	40.000	40.384	-1.0	122	0.00
18		Hexachloroethane	40.000	41.228	-3.1	124	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.364	-3.4	124	0.00
20		3+4-Methylphenols	40.000	40.824	-2.1	122	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22		Acetophenone	40.000	41.167	-2.9	123	0.00
23	S	Nitrobenzene-d5	80.000	84.223	-5.3	125	0.00
24		Nitrobenzene	40.000	41.700	-4.3	124	0.00
25		Isophorone	40.000	41.358	-3.4	125	0.00
26	C	2-Nitrophenol	40.000	43.547	-8.9	126	0.00
27		2,4-Dimethylphenol	40.000	41.945	-4.9	123	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.858	-4.6	128	0.00
29	C	2,4-Dichlorophenol	40.000	42.134	-5.3	126	0.00
30		1,2,4-Trichlorobenzene	40.000	41.355	-3.4	124	0.00
31		Naphthalene	40.000	41.452	-3.6	124	0.00
32		Benzoic acid	40.000	44.336	-10.8	130	0.01
33		4-Chloroaniline	40.000	43.552	-8.9	127	0.00
34	C	Hexachlorobutadiene	40.000	41.447	-3.6	124	0.00
35		Caprolactam	40.000	41.375	-3.4	120	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.634	-4.1	123	0.00
37		2-Methylnaphthalene	40.000	40.664	-1.7	122	0.00
38		1-Methylnaphthalene	40.000	41.093	-2.7	124	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	125	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.569	-3.9	125	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.948	-2.4	116	0.00
42	S	2,4,6-Tribromophenol	80.000	83.413	-4.3	121	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.005	-5.0	120	0.00
44		2,4,5-Trichlorophenol	40.000	42.375	-5.9	124	0.00
45	S	2-Fluorobiphenyl	80.000	82.154	-2.7	123	0.00
46		1,1'-Biphenyl	40.000	41.028	-2.6	122	0.00
47		2-Chloronaphthalene	40.000	41.415	-3.5	123	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.689	-6.7	125	0.00
49		Acenaphthylene	40.000	41.065	-2.7	123	0.00
50		Dimethylphthalate	40.000	40.917	-2.3	121	0.00
51		2,6-Dinitrotoluene	40.000	43.082	-7.7	125	0.00
52	C	Acenaphthene	40.000	41.632	-4.1	122	0.00
53		3-Nitroaniline	40.000	43.619	-9.0	124	0.00
54	P	2,4-Dinitrophenol	40.000	41.271	-3.2	117	0.00
55		Dibenzofuran	40.000	41.190	-3.0	122	0.00
56	P	4-Nitrophenol	40.000	41.679	-4.2	118	0.00
57		2,4-Dinitrotoluene	40.000	43.441	-8.6	123	0.00
58		Fluorene	40.000	41.538	-3.8	121	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.958	-2.4	120	0.00
60		Diethylphthalate	40.000	41.455	-3.6	122	0.00
61		4-Chlorophenyl-phenylether	40.000	41.227	-3.1	122	0.00
62		4-Nitroaniline	40.000	41.297	-3.2	118	0.00
63		Azobenzene	40.000	41.589	-4.0	122	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	120	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.348	-8.4	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.916	-4.8	122	0.00
67		4-Bromophenyl-phenylether	40.000	42.063	-5.2	121	0.00
68		Hexachlorobenzene	40.000	41.637	-4.1	119	0.00
69		Atrazine	40.000	35.101	12.2	121	0.00
70	C	Pentachlorophenol	40.000	43.112	-7.8	120	0.00
71		Phenanthrene	40.000	41.537	-3.8	120	0.00
72		Anthracene	40.000	41.446	-3.6	119	0.00
73		Carbazole	40.000	41.161	-2.9	118	0.00
74		Di-n-butylphthalate	40.000	43.260	-8.1	121	0.00
75	C	Fluoranthene	40.000	39.911	0.2	114	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	54.902	-37.3#	118	0.00
78		Pyrene	40.000	43.433	-8.6	112	0.00
79	S	Terphenyl-d14	80.000	87.992	-10.0	115	0.00
80		Butylbenzylphthalate	40.000	43.319	-8.3	116	0.00
81		Benzo(a)anthracene	40.000	40.958	-2.4	115	0.00
82		3,3'-Dichlorobenzidine	40.000	40.924	-2.3	122	0.00
83		Chrysene	40.000	41.606	-4.0	119	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	42.807	-7.0	120	0.00
85	c	Di-n-octyl phthalate	40.000	42.744	-6.9	120	0.00
86	I	Perylene-d12	20.000	20.000	0.0	121	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.725	-6.8	113	0.00
88		Benzo(b)fluoranthene	40.000	41.652	-4.1	127	0.00
89		Benzo(k)fluoranthene	40.000	38.351	4.1	111	0.00
90	C	Benzo(a)pyrene	40.000	41.792	-4.5	120	0.00
91		Dibenzo(a,h)anthracene	40.000	42.761	-6.9	116	0.00
92		Benzo(g,h,i)perylene	40.000	41.259	-3.1	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM091424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sun Sep 15 08:56:37 2024
Response Via : Initial Calibration

Calibration Files
2.5 =BM047520.D 5 =BM047521.D 10 =BM047522.D 20 =BM047523.D 40 =BM047524.D 50 =BM047525.D 60 =BM047526.D 80 =BM0475
27.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.601	0.559	0.552	0.520	0.506	0.525	0.503	0.538	6.51
3)		Pyridine		1.680	1.592	1.594	1.587	1.559	1.610	1.588	1.601	2.36
4)		n-Nitrosodimet...		0.724	0.730	0.742	0.730	0.717	0.736	0.706	0.727	1.65
5)	S	2-Fluorophenol		1.216	1.208	1.228	1.244	1.245	1.331	1.321	1.256	3.96
6)		Aniline		1.542	1.529	1.565	1.586	1.563	1.605	1.588	1.568	1.71
7)	S	Phenol-d6		1.632	1.623	1.717	1.795	1.809	1.900	1.905	1.769	6.56
8)		2-Chlorophenol		1.338	1.321	1.380	1.395	1.375	1.446	1.438	1.385	3.37
9)		Benzaldehyde		0.923	0.986	0.993	0.837	0.771	0.737	0.642	0.841	15.80
10)	C	Phenol		1.676	1.679	1.747	1.781	1.786	1.870	1.860	1.771	4.37
11)		bis(2-Chloroet...		1.451	1.413	1.426	1.418	1.397	1.436	1.414	1.422	1.23
12)		1,3-Dichlorobe...		1.586	1.512	1.497	1.503	1.467	1.539	1.506	1.516	2.48
13)	C	1,4-Dichlorobe...		1.593	1.535	1.529	1.527	1.507	1.570	1.545	1.544	1.89
14)		1,2-Dichlorobe...		1.545	1.492	1.503	1.507	1.489	1.558	1.541	1.519	1.84
15)		Benzyl Alcohol		1.094	1.097	1.191	1.232	1.230	1.271	1.272	1.198	6.29
16)		2,2'-oxybis(1-...		2.103	2.031	2.065	2.009	1.949	1.957	1.888	2.000	3.71
17)		2-Methylphenol		1.041	1.073	1.128	1.161	1.154	1.186	1.177	1.132	4.85
18)		Hexachloroethane		0.639	0.606	0.627	0.615	0.603	0.622	0.605	0.617	2.16
19)	P	n-Nitroso-di-n...	1.067	1.144	1.154	1.230	1.244	1.233	1.238	1.232	1.193	5.38
20)		3+4-Methylphenols		1.441	1.493	1.591	1.613	1.602	1.652	1.660	1.579	5.19
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.521	0.509	0.519	0.527	0.524	0.548	0.532	0.526	2.30
23)	S	Nitrobenzene-d5		0.387	0.384	0.400	0.406	0.400	0.417	0.403	0.400	2.80
24)		Nitrobenzene		0.409	0.406	0.417	0.413	0.407	0.420	0.402	0.411	1.55
25)		Isophorone		0.671	0.679	0.705	0.711	0.710	0.724	0.716	0.703	2.80
26)	C	2-Nitrophenol		0.105	0.116	0.134	0.147	0.152	0.162	0.164	0.140	16.21
27)		2,4-Dimethylph...		0.208	0.202	0.211	0.210	0.213	0.222	0.220	0.212	3.19
28)		bis(2-Chloroet...		0.448	0.436	0.441	0.441	0.436	0.447	0.440	0.441	1.10
29)	C	2,4-Dichloroph...		0.236	0.243	0.266	0.275	0.280	0.292	0.295	0.269	8.49
30)		1,2,4-Trichlor...		0.313	0.296	0.300	0.302	0.305	0.324	0.320	0.309	3.44
31)		Naphthalene		1.083	1.042	1.056	1.077	1.079	1.122	1.104	1.080	2.49
32)		Benzoic acid			0.125	0.156	0.192	0.207	0.214	0.227	0.187	20.87
33)		4-Chloroaniline		0.382	0.373	0.389	0.393	0.393	0.400	0.403	0.391	2.64
34)	C	Hexachlorobuta...		0.173	0.166	0.167	0.169	0.169	0.178	0.174	0.171	2.68
35)		Caprolactam		0.073	0.079	0.090	0.093	0.093	0.094	0.099	0.089	10.57
36)	C	4-Chloro-3-met...		0.269	0.284	0.305	0.318	0.319	0.329	0.337	0.309	7.99
37)		2-Methylnaphth...		0.683	0.672	0.693	0.726	0.727	0.761	0.770	0.719	5.30
38)		1-Methylnaphth...		0.679	0.670	0.694	0.716	0.728	0.755	0.759	0.714	4.93

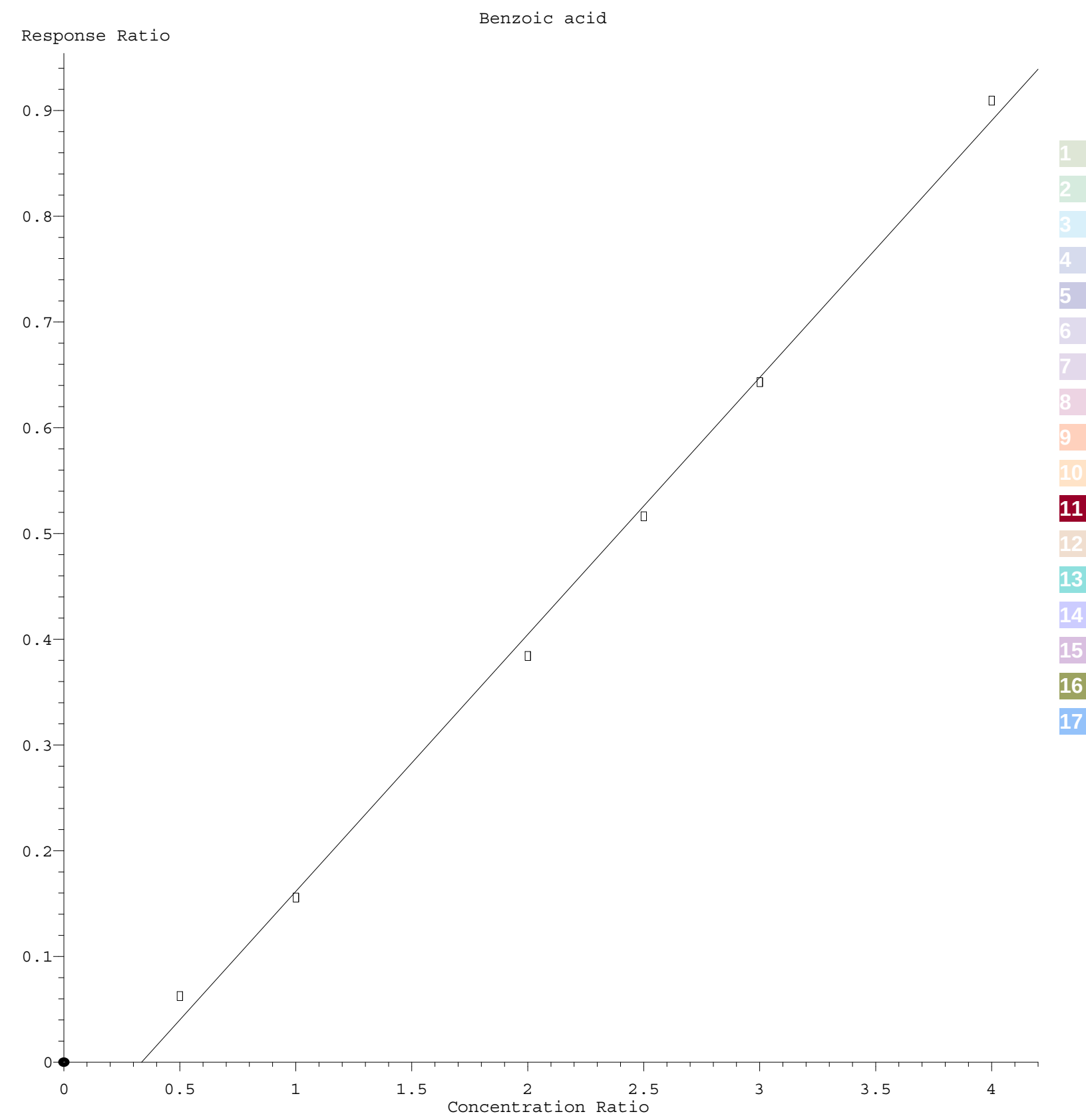
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM091424.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.505	0.491	0.514	0.547	0.554	0.591	0.586	0.541	7.25
41)	P	Hexachlorocycl...	0.168	0.163	0.168	0.183	0.182	0.194	0.181	0.177	6.22
42)	S	2,4,6-Tribromo...	0.149	0.159	0.177	0.202	0.211	0.218	0.236	0.193	16.72
43)	C	2,4,6-Trichlor...	0.279	0.301	0.325	0.350	0.358	0.380	0.380	0.339	11.47
44)		2,4,5-Trichlor...	0.324	0.345	0.367	0.395	0.403	0.420	0.427	0.383	10.18
45)	S	2-Fluorobiphenyl	1.331	1.295	1.385	1.515	1.523	1.608	1.506	1.452	7.96
46)		1,1'-Biphenyl	1.498	1.446	1.490	1.571	1.584	1.672	1.631	1.556	5.24
47)		2-Chloronaphth...	1.157	1.137	1.169	1.218	1.234	1.291	1.252	1.208	4.64
48)		2-Nitroaniline	0.282	0.314	0.355	0.376	0.380	0.391	0.387	0.355	11.72
49)		Acenaphthylene	1.607	1.598	1.682	1.788	1.792	1.872	1.868	1.744	6.62
50)		Dimethylphthalate	1.316	1.308	1.336	1.372	1.376	1.403	1.431	1.363	3.34
51)		2,6-Dinitrotol...	0.241	0.267	0.285	0.297	0.300	0.308	0.317	0.288	9.07
52)	C	Acenaphthene	1.108	1.111	1.162	1.247	1.267	1.322	1.335	1.222	7.77
53)		3-Nitroaniline	0.263	0.284	0.316	0.336	0.339	0.344	0.356	0.320	10.72
54)	P	2,4-Dinitrophenol		0.079	0.103	0.128	0.135	0.143	0.162	0.125	23.80
55)		Dibenzofuran	1.659	1.609	1.655	1.734	1.743	1.808	1.810	1.717	4.55
56)	P	4-Nitrophenol	0.195	0.231	0.263	0.282	0.284	0.286	0.301	0.263	14.17
57)		2,4-Dinitrotol...	0.302	0.338	0.378	0.408	0.409	0.413	0.440	0.384	12.64
58)		Fluorene	1.350	1.378	1.506	1.630	1.642	1.669	1.645	1.546	8.74
59)		2,3,4,6-Tetrac...	0.259	0.271	0.284	0.306	0.313	0.322	0.335	0.299	9.36
60)		Diethylphthalate	1.358	1.374	1.435	1.482	1.473	1.485	1.548	1.451	4.60
61)		4-Chlorophenyl...	0.616	0.625	0.683	0.744	0.745	0.768	0.766	0.707	9.24
62)		4-Nitroaniline	0.276	0.315	0.377	0.420	0.417	0.408	0.419	0.376	15.46
63)		Azobenzene	1.526	1.559	1.620	1.654	1.619	1.608	1.596	1.597	2.66
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.061	0.077	0.091	0.097	0.106	0.112	0.091	20.89
66)	c	n-Nitrosodiphe...	0.558	0.546	0.590	0.632	0.633	0.677	0.646	0.612	7.92
67)		4-Bromophenyl-...	0.176	0.170	0.183	0.197	0.201	0.218	0.215	0.194	9.65
68)		Hexachlorobenzene	0.210	0.196	0.206	0.222	0.224	0.243	0.239	0.220	7.80
69)		Atrazine	0.149	0.155	0.169	0.178	0.174	0.179	0.180	0.169	7.50
70)	C	Pentachlorophenol	0.090	0.101	0.121	0.136	0.140	0.150	0.157	0.128	19.62
71)		Phenanthrene	1.037	0.999	1.054	1.134	1.131	1.197	1.163	1.102	6.60
72)		Anthracene	0.948	0.939	1.021	1.104	1.102	1.169	1.130	1.059	8.55
73)		Carbazole	0.942	0.946	1.015	1.090	1.085	1.126	1.142	1.049	7.87
74)		Di-n-butylphth...	1.064	1.097	1.238	1.340	1.349	1.352	1.351	1.256	10.09
75)	C	Fluoranthene	1.036	1.044	1.149	1.281	1.276	1.283	1.347	1.203	10.45
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.303	0.320	0.312	0.253	0.265	0.236		0.282	12.38
78)		Pyrene	1.327	1.317	1.353	1.494	1.564	1.672	1.486	1.459	9.15
79)	S	Terphenyl-d14	0.989	1.037	1.142	1.256	1.239	1.262	0.888	1.116	13.24
80)		Butylbenzylpht...	0.433	0.474	0.540	0.588	0.604	0.627	0.665	0.562	14.93
81)		Benzo(a)anthra...	1.245	1.220	1.286	1.333	1.325	1.374	1.343	1.304	4.28
82)		3,3'-Dichlorob...	0.297	0.326	0.358	0.362	0.356	0.360	0.369	0.347	7.47
83)		Chrysene	1.196	1.178	1.201	1.254	1.250	1.293	1.260	1.233	3.38
84)		Bis(2-ethylhex...	0.663	0.761	0.854	0.928	0.947	0.969	1.035	0.880	14.73
85)	c	Di-n-octyl pht...	0.873	1.043	1.243	1.301	1.309	1.392	1.550	1.244	18.01

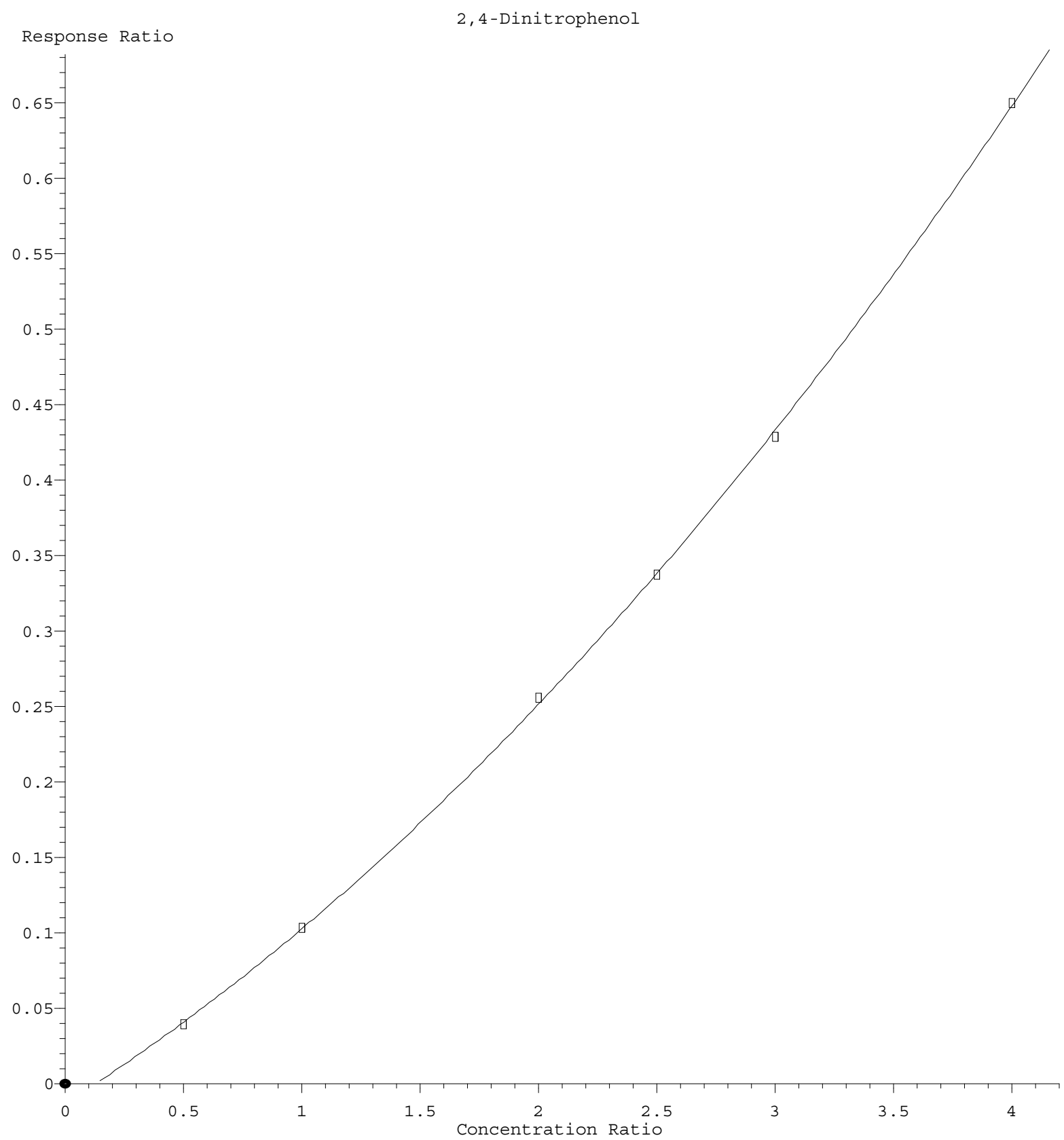
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM091424.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.079	1.075	1.152	1.184	1.238	1.417	1.233	1.197	9.79
88)		Benzo(b)fluora...	1.120	1.142	1.236	1.340	1.381	1.407	1.432	1.294	9.89
89)		Benzo(k)fluora...	1.113	1.131	1.212	1.364	1.351	1.383	1.424	1.282	9.97
90)	C	Benzo(a)pyrene	0.906	0.941	1.018	1.098	1.114	1.177	1.171	1.061	10.20
91)		Dibenzo(a,h)an...	0.894	0.894	0.964	0.994	1.047	1.198	1.058	1.007	10.58
92)		Benzo(g,h,i)pe...	0.917	0.883	0.940	0.968	1.018	1.171	0.988	0.984	9.57

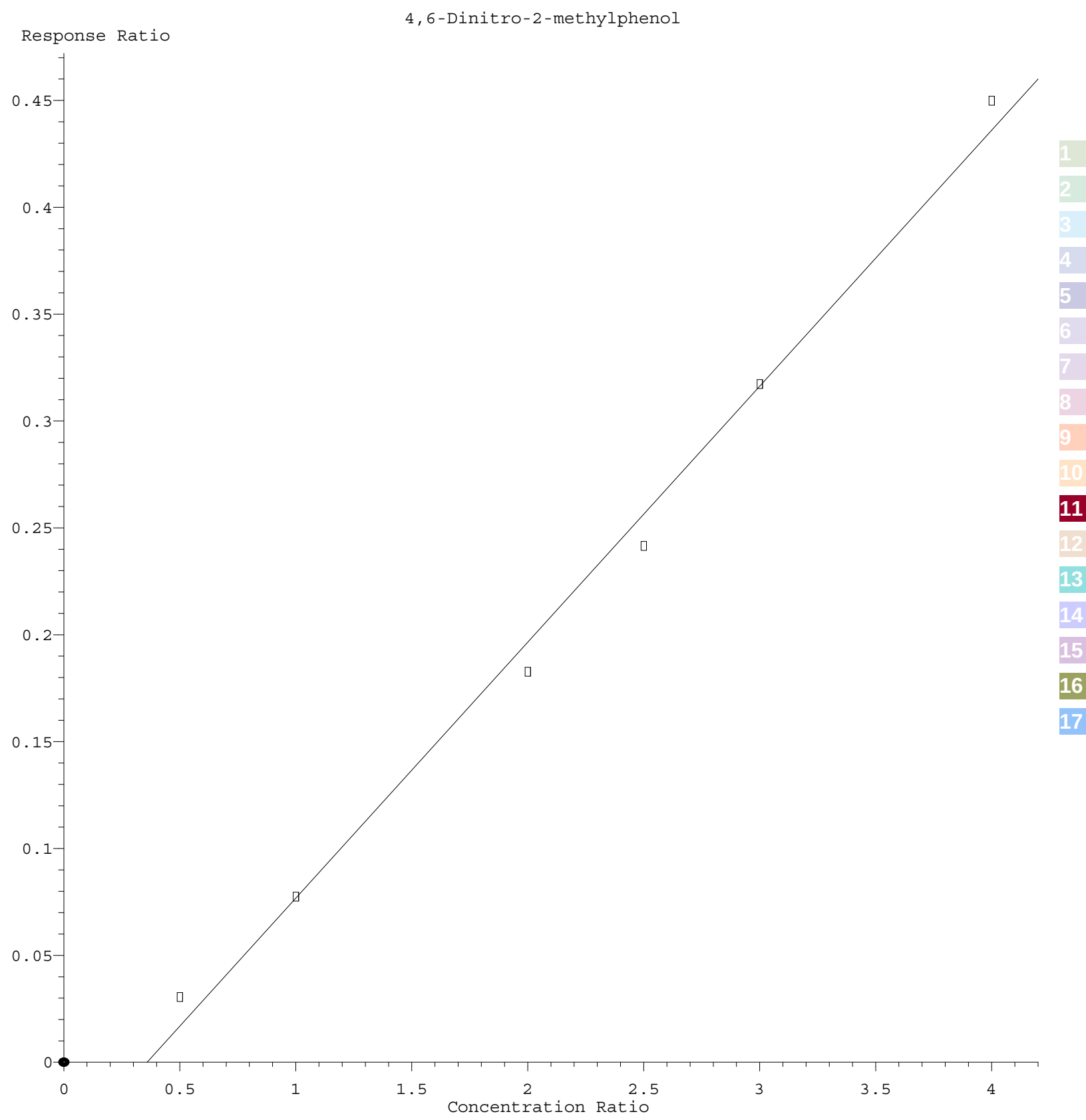
(#) = Out of Range



Response = 2.430e-001 * Amt - 8.140e-002
Coef of Det (r^2) = 0.997113 Curve Fit: Linear
Method: \\chemsrv\HPCHEM1\BNA M\Methods\8270-BM091424.M
Calibration Table Last Updated: Sun Sep 15 08:56:37 2024



R = 1.652e-002 A*A + 9.915e-002 A - 1.295e-002
Coef of Det (r^2) = 0.999816 Curve Fit: Quadratic
Method: \\chromsrv\HPCHEM1\BNA M\Methods\8270-BM091424.M
Calibration Table Last Updated: Sun Sep 15 08:56:37 2024



Response = 1.198e-001 * Amt - 4.295e-002
Coef of Det (r^2) = 0.993448 Curve Fit: Linear
Method: \\chemsrv\HPCHEM1\BNA M\Methods\8270-BM091424.M
Calibration Table Last Updated: Sun Sep 15 08:56:37 2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047520.D
Acq On : 14 Sep 2024 11:57
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 15 08:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:15:39 2024
Response via : Initial Calibration

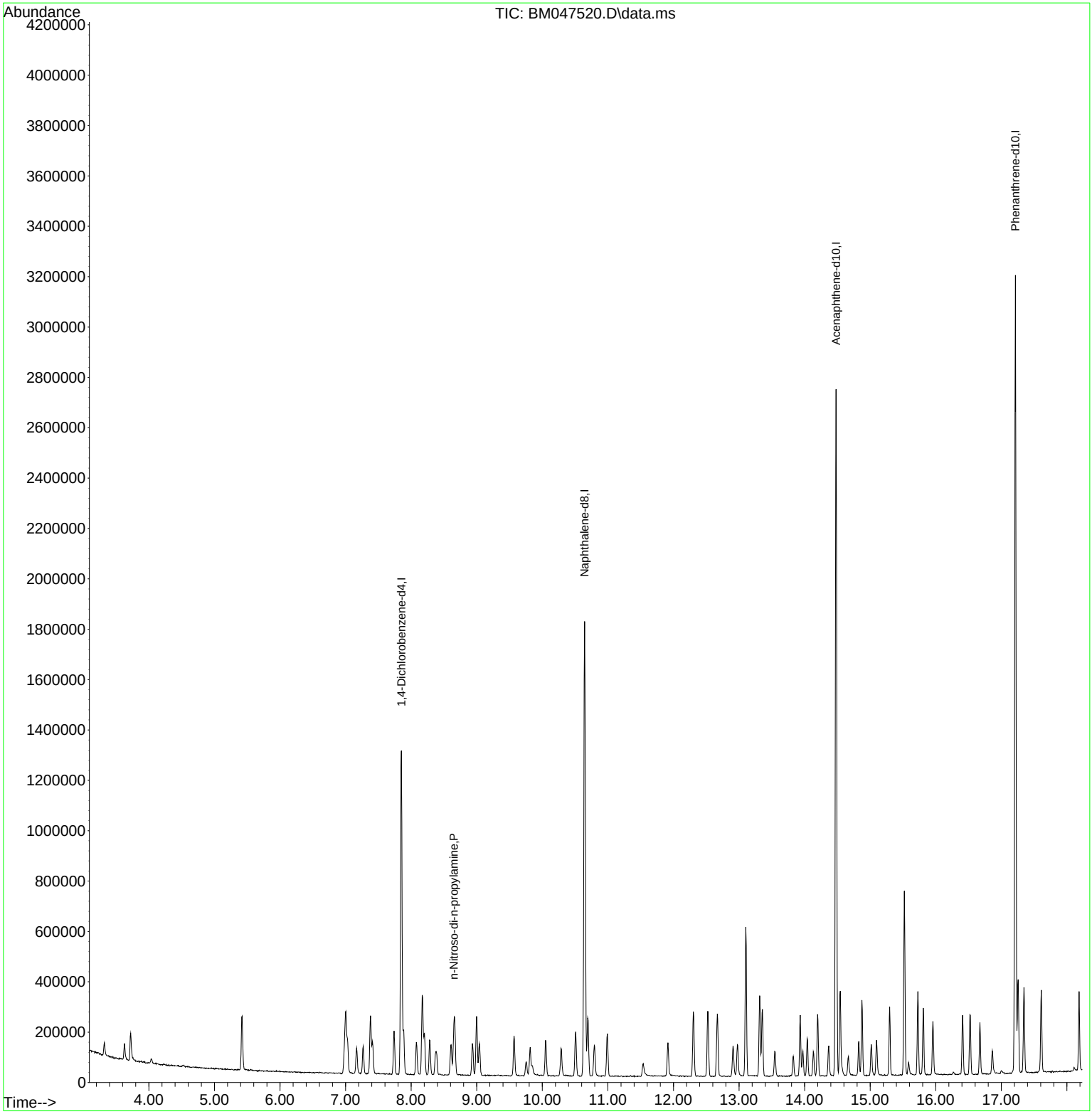
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	331818	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1431277	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	860230	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1698459	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1448703	20.000	ng	0.00
86) Perylene-d12	24.468	264	1514067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.651	70	44249	2.927	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047520.D
Acq On : 14 Sep 2024 11:57
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

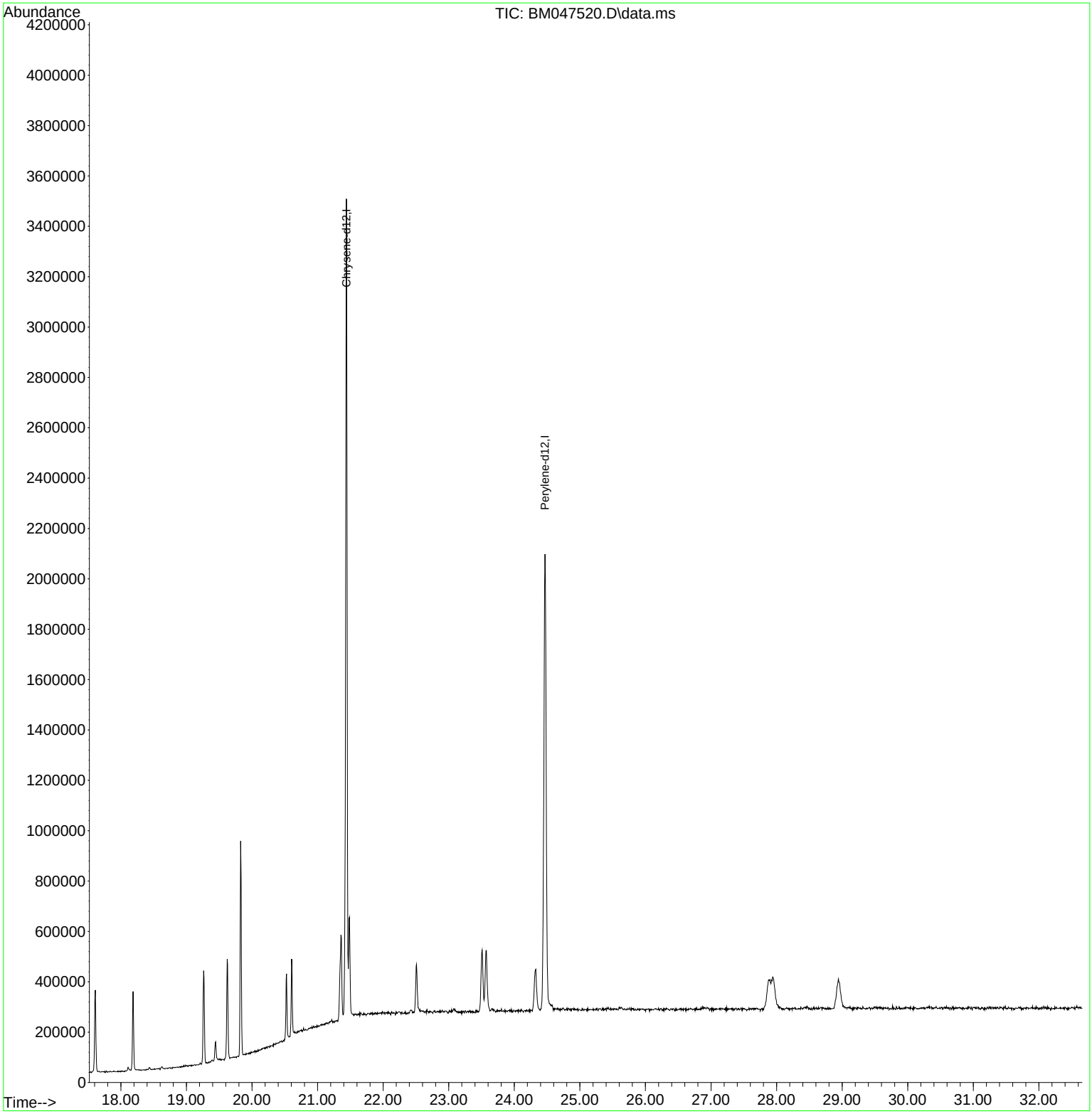
Quant Time: Sep 15 08:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:15:39 2024
Response via : Initial Calibration

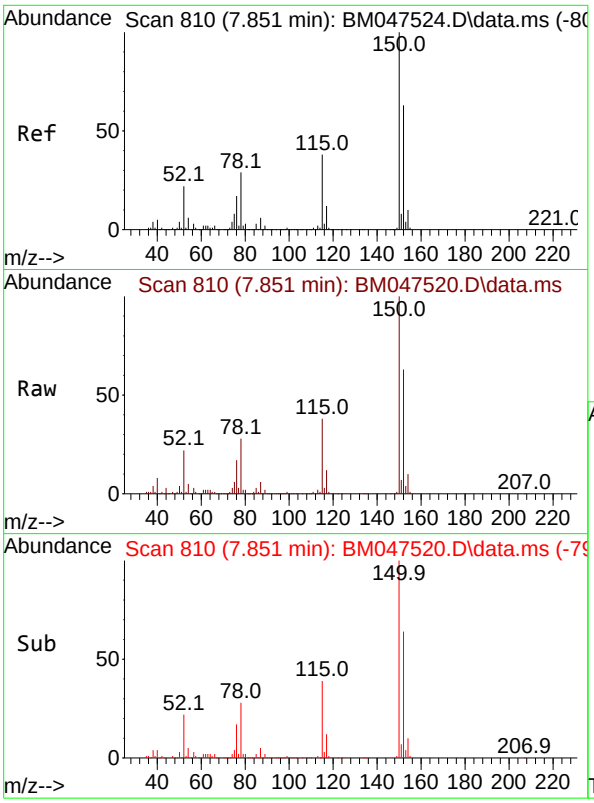


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047520.D
Acq On : 14 Sep 2024 11:57
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 15 08:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:15:39 2024
Response via : Initial Calibration



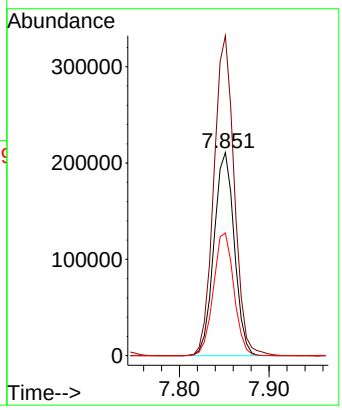


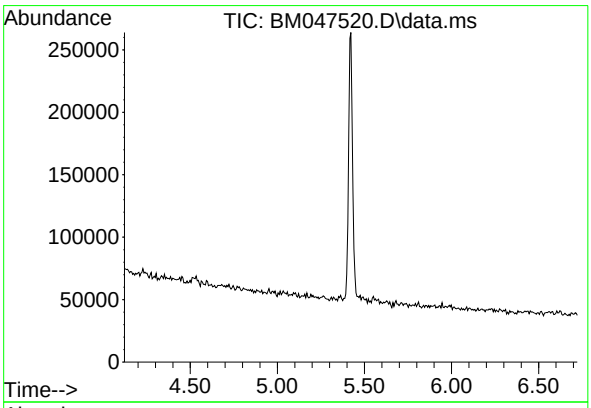
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 331818

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.8	190.2
115	60.4	47.8	71.8



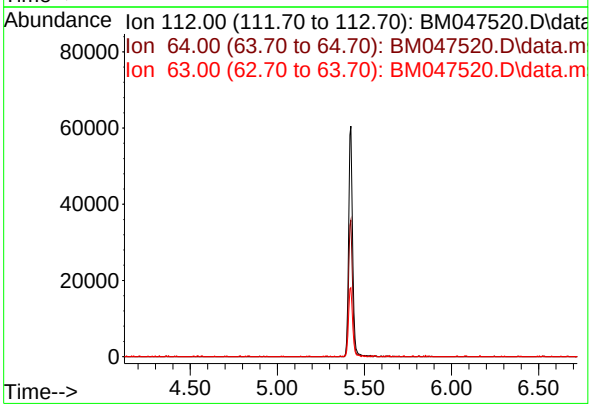


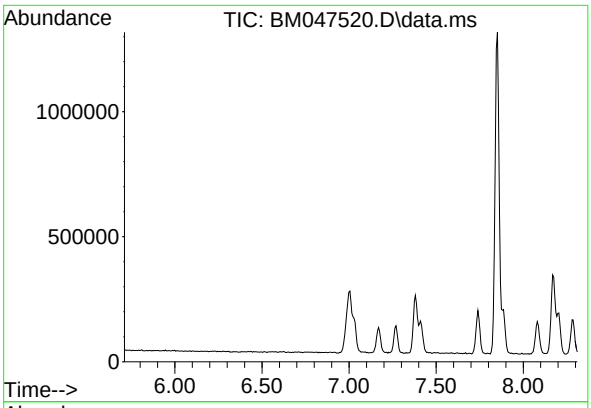
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.42 min

Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.3
63	32.5





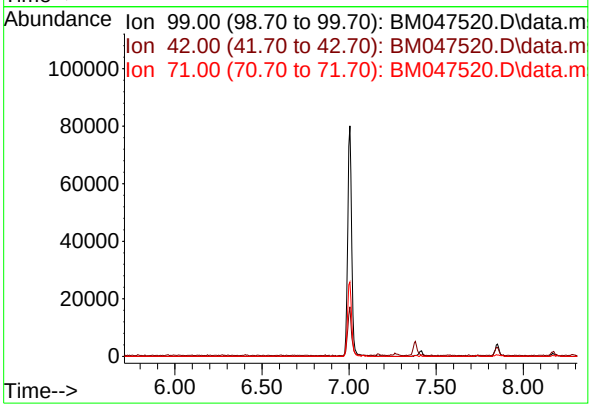
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.01 min

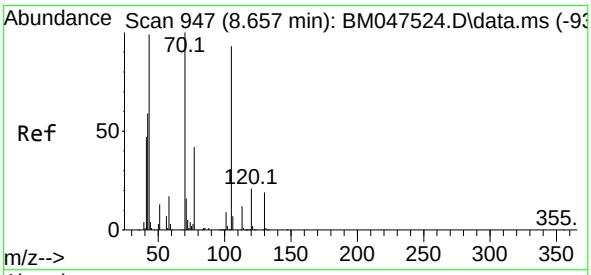
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	19.8
71	34.5

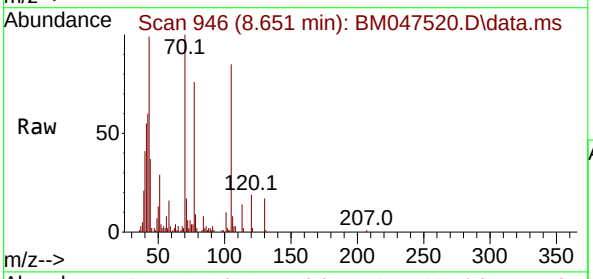


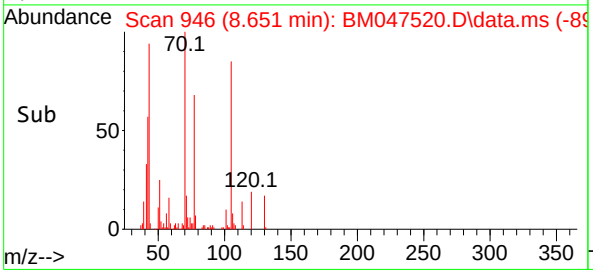


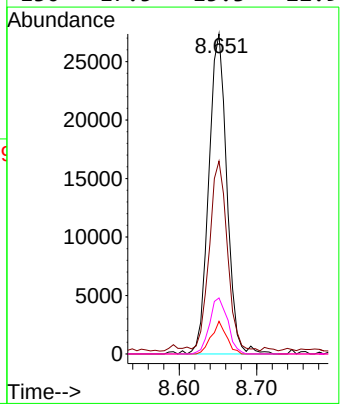
#19
n-Nitroso-di-n-propylamine
Concen: 2.927 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

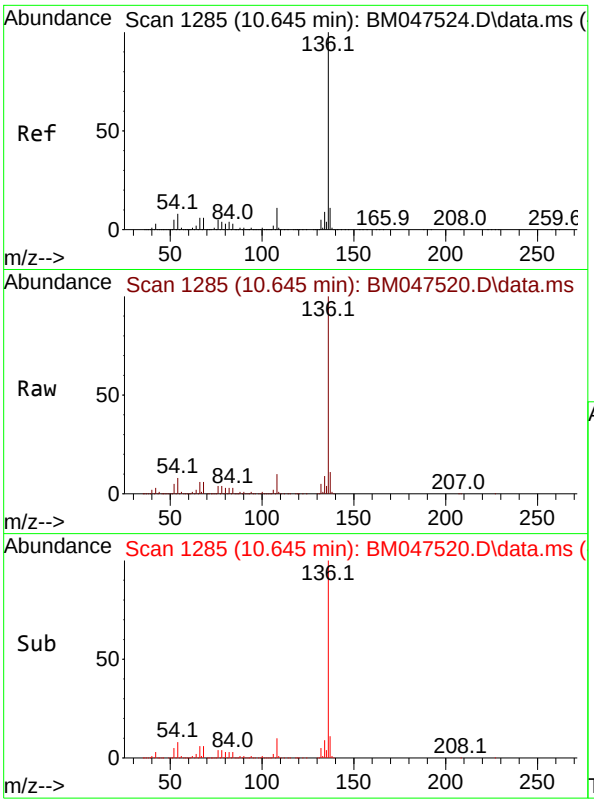
Tgt Ion: 70 Resp: 44249

Ion	Ratio	Lower	Upper
70	100		
42	60.3	48.2	72.2
101	10.2	7.0	10.4
130	17.5	15.3	22.9







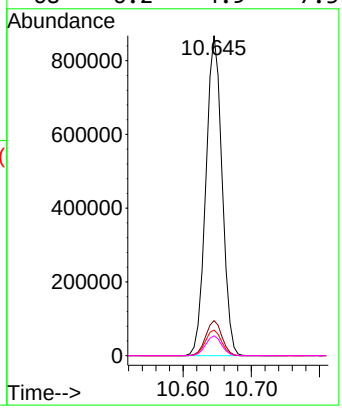


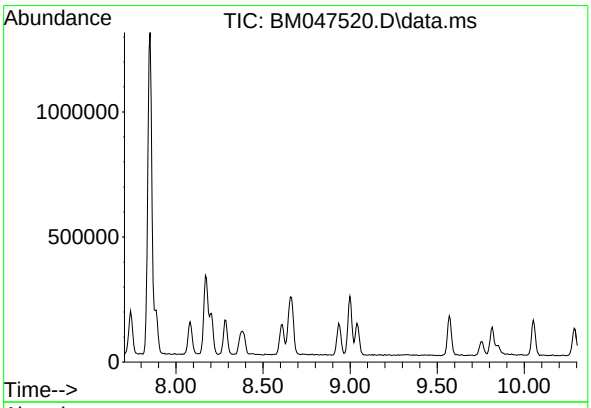
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1431277

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.0	6.6	9.8
68	6.2	4.9	7.3



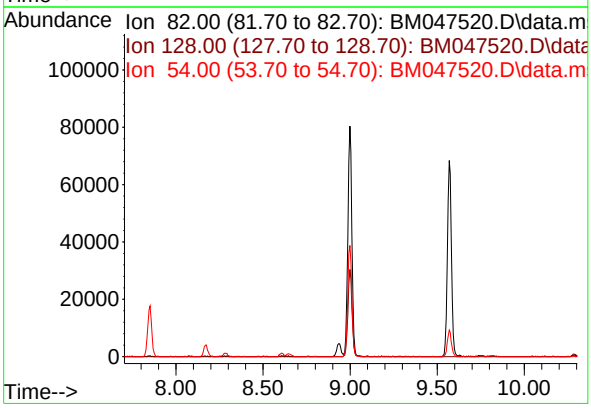


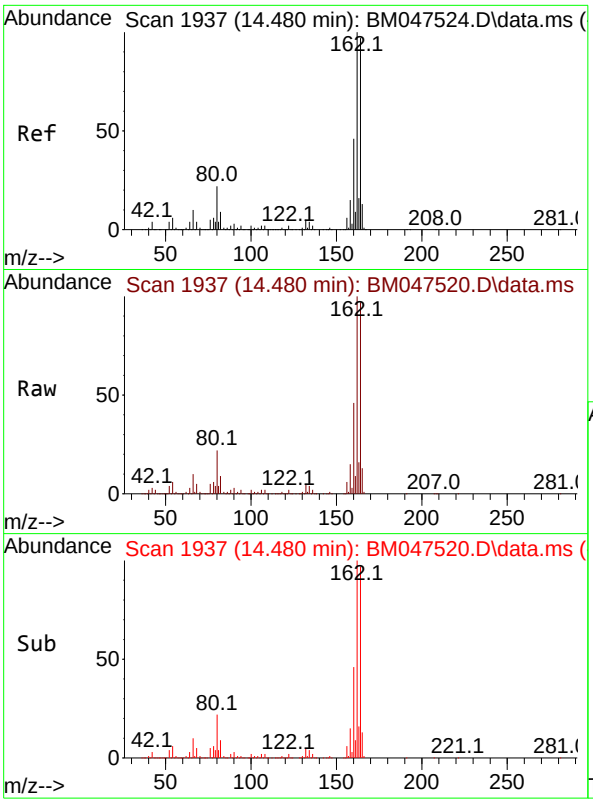
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.00 min

Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.2
54	49.1



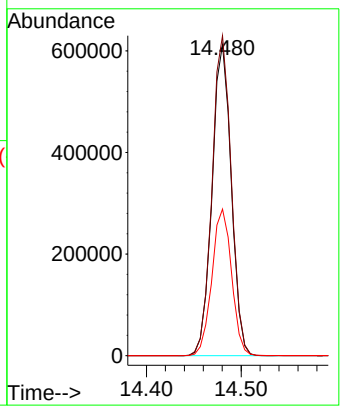


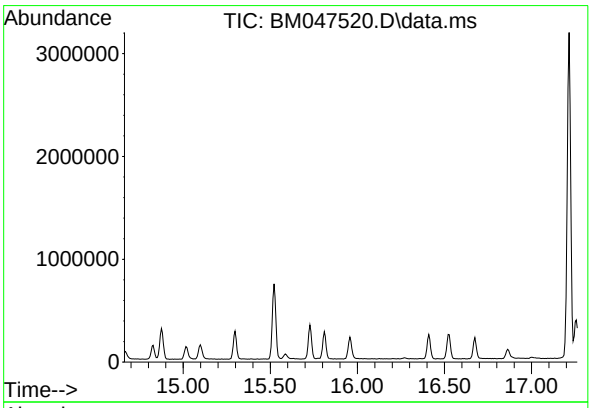
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 860230

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	47.1	38.2	57.2



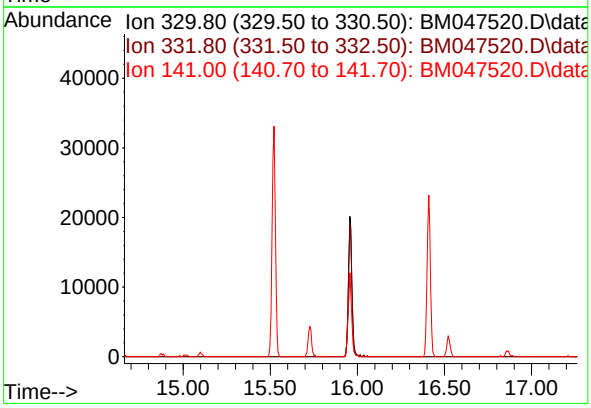


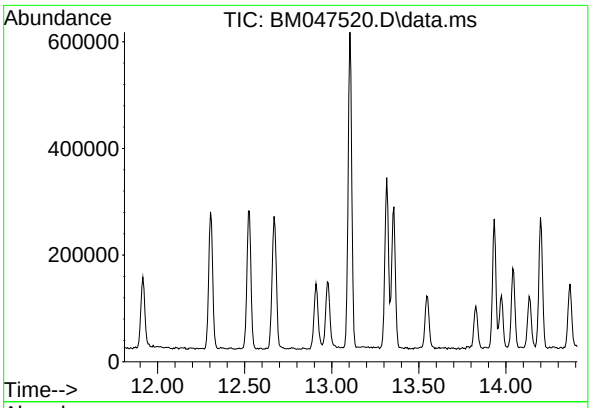
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.96 min

Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	52.7





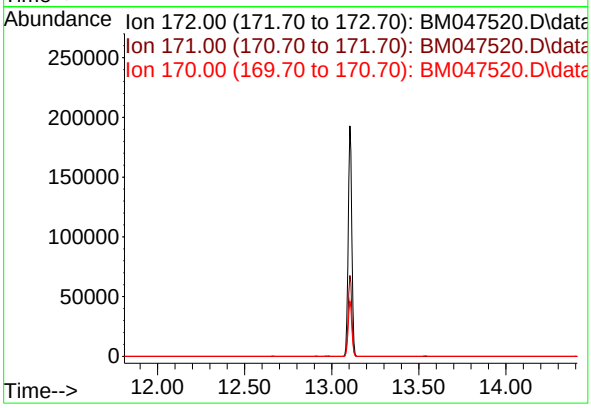
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.11 min

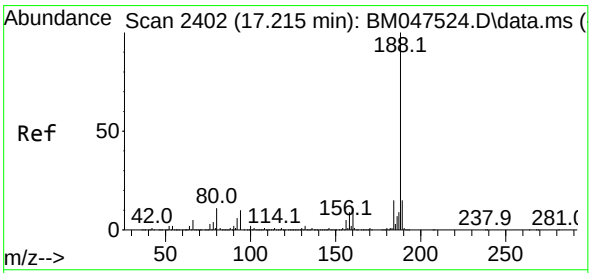
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

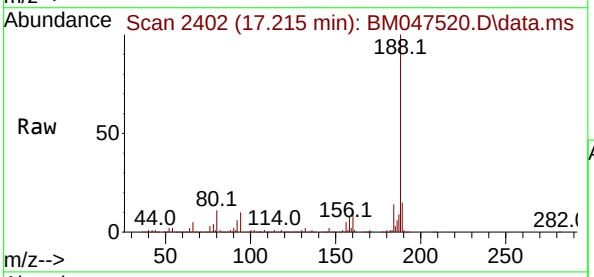
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

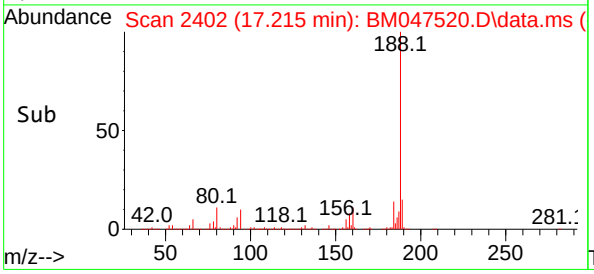
Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.2
170	24.2





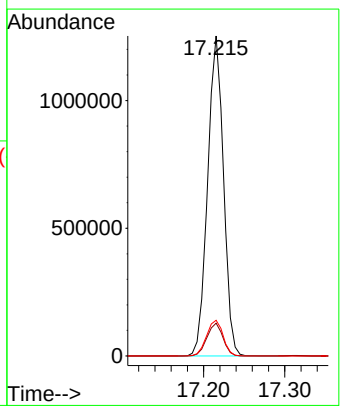


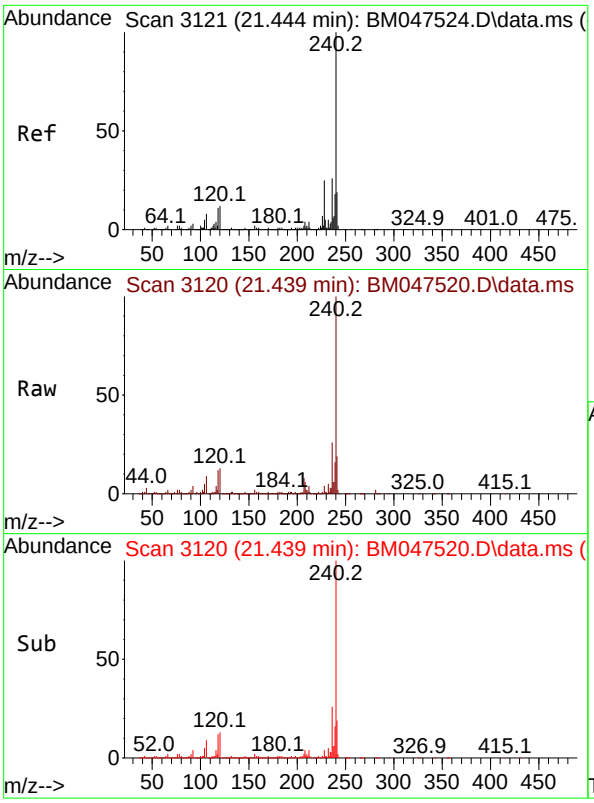


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Tgt Ion:188 Resp: 1698459

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	11.1	9.1	13.7



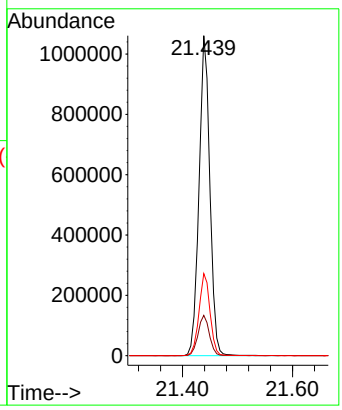


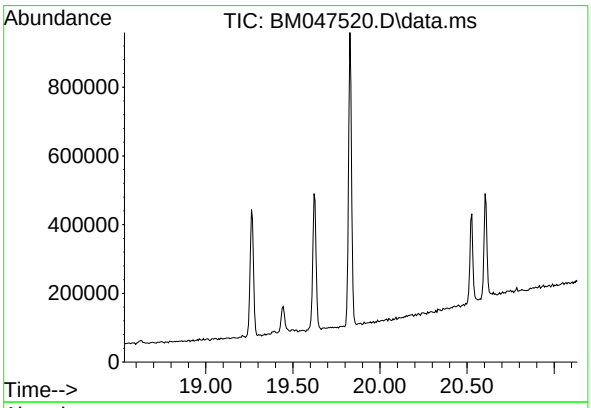
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1448703

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.6	14.4
236	25.7	20.9	31.3



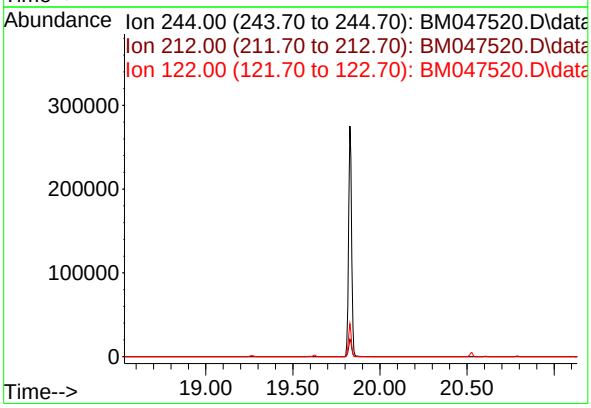


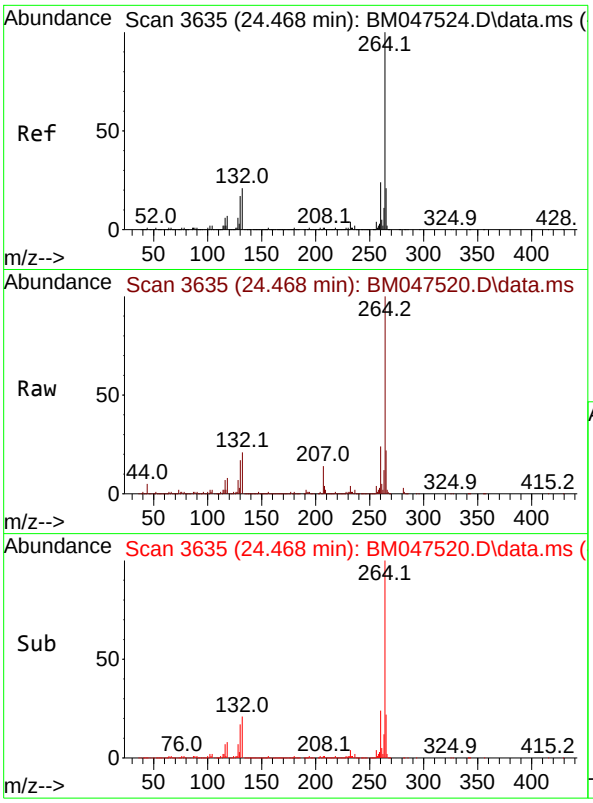
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.83 min

Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.7
122	12.0



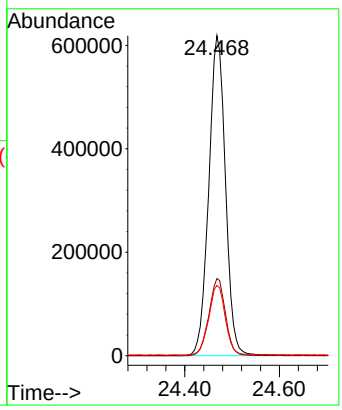


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047520.D
Acq: 14 Sep 2024 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1514067

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.9	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047521.D
Acq On : 14 Sep 2024 12:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 08:44:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	321996	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1379603	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	831511	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1584025	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1296933	20.000	ng		0.00
86) Perylene-d12	24.468	264	1269114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	195707	9.677	ng		0.00
7) Phenol-d6	7.004	99	262753	9.226	ng		0.00
23) Nitrobenzene-d5	8.998	82	266891	9.682	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	61801	7.689	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	553330	9.167	ng		0.00
79) Terphenyl-d14	19.827	244	641133	8.858	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	48363	5.583	ng		99
3) Pyridine	3.722	79	135214	5.246	ng		98
4) n-Nitrosodimethylamine	3.628	42	58259	4.980	ng	#	94
6) Aniline	7.169	93	124093	4.915	ng		95
8) 2-Chlorophenol	7.410	128	107673	4.830	ng		100
9) Benzaldehyde	6.981	77	74318m	5.488	ng		
10) Phenol	7.028	94	134938	4.732	ng		99
11) bis(2-Chloroethyl)ether	7.269	93	116791	5.101	ng		97
12) 1,3-Dichlorobenzene	7.739	146	127671	5.232	ng		99
13) 1,4-Dichlorobenzene	7.887	146	128270	5.161	ng		99
14) 1,2-Dichlorobenzene	8.204	146	124358	5.084	ng		99
15) Benzyl Alcohol	8.081	79	88090	4.566	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.381	45	169328	5.258	ng		99
17) 2-Methylphenol	8.286	107	83775	4.599	ng		98
18) Hexachloroethane	8.934	117	51435	5.180	ng		97
19) n-Nitroso-di-n-propyla...	8.651	70	92114	4.797	ng		98
20) 3+4-Methylphenols	8.610	107	115966	4.562	ng		97
22) Acetophenone	8.663	105	179648	4.953	ng	#	98
24) Nitrobenzene	9.039	77	141172	4.984	ng		98
25) Isophorone	9.569	82	231598	4.779	ng		99
26) 2-Nitrophenol	9.757	139	36202	3.750	ng		96
27) 2,4-Dimethylphenol	9.816	122	71581	4.892	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	154543	5.077	ng		99
29) 2,4-Dichlorophenol	10.286	162	81375	4.377	ng		98
30) 1,2,4-Trichlorobenzene	10.510	180	108051	5.074	ng		97
31) Naphthalene	10.692	128	373399	5.011	ng		100
33) 4-Chloroaniline	10.798	127	131738	4.890	ng		98
34) Hexachlorobutadiene	10.992	225	59813	5.071	ng		96
35) Caprolactam	11.539	113	25064	4.093	ng		97
36) 4-Chloro-3-methylphenol	11.916	107	92624	4.348	ng		98
37) 2-Methylnaphthalene	12.304	142	235563	4.750	ng		95
38) 1-Methylnaphthalene	12.527	142	234130	4.751	ng		99
40) 1,2,4,5-Tetrachloroben...	12.674	216	104928	4.663	ng		100
41) Hexachlorocyclopentadiene	12.663	237	34913	4.746	ng		96
43) 2,4,6-Trichlorophenol	12.910	196	58063	4.119	ng		94
44) 2,4,5-Trichlorophenol	12.980	196	67320	4.228	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047521.D
Acq On : 14 Sep 2024 12:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:44:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.316	154	311366	4.813	ng		99
47)	2-Chloronaphthalene	13.357	162	240529	4.788	ng		99
48)	2-Nitroaniline	13.545	65	58576	3.970	ng		94
49)	Acenaphthylene	14.198	152	333972	4.607	ng		100
50)	Dimethylphthalate	13.933	163	273466	4.825	ng		100
51)	2,6-Dinitrotoluene	14.045	165	50163	4.193	ng		95
52)	Acenaphthene	14.545	154	230339	4.535	ng		98
53)	3-Nitroaniline	14.368	138	54733	4.116	ng		95
55)	Dibenzofuran	14.874	168	344857	4.832	ng		99
56)	4-Nitrophenol	14.668	139	40611	3.711	ng		95
57)	2,4-Dinitrotoluene	14.827	165	62726	3.931	ng		99
58)	Fluorene	15.521	166	280576	4.366	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.098	232	53816	4.335	ng		99
60)	Diethylphthalate	15.298	149	282348	4.681	ng		100
61)	4-Chlorophenyl-phenyle...	15.521	204	128033	4.357	ng		97
62)	4-Nitroaniline	15.521	138	57319	3.667	ng		93
63)	Azobenzene	15.810	77	317260	4.777	ng		98
66)	n-Nitrosodiphenylamine	15.727	169	220922	4.559	ng		98
67)	4-Bromophenyl-phenylether	16.409	248	69853	4.538	ng		96
68)	Hexachlorobenzene	16.527	284	83017	4.761	ng		98
69)	Atrazine	16.674	200	58829	4.392	ng		97
70)	Pentachlorophenol	16.862	266	35549	3.517	ng		96
71)	Phenanthrene	17.256	178	410689	4.705	ng		99
72)	Anthracene	17.345	178	375320	4.475	ng		99
73)	Carbazole	17.609	167	373067	4.488	ng		99
74)	Di-n-butylphthalate	18.186	149	421371	4.237	ng		99
75)	Fluoranthene	19.262	202	410366	4.309	ng		98
77)	Benzidine	19.445	184	98351	5.384	ng		99
78)	Pyrene	19.621	202	430172	4.547	ng		99
80)	Butylbenzylphthalate	20.521	149	140365	3.854	ng		96
81)	Benzo(a)anthracene	21.421	228	403637	4.775	ng		98
82)	3,3'-Dichlorobenzidine	21.339	252	96171	4.277	ng	#	99
83)	Chrysene	21.480	228	387917	4.851	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.356	149	214900	3.767	ng	#	97
85)	Di-n-octyl phthalate	22.503	149	282914	3.506	ng		97
87)	Indeno(1,2,3-cd)pyrene	27.879	276	342325	4.507	ng	#	89
88)	Benzo(b)fluoranthene	23.509	252	355488	4.329	ng		98
89)	Benzo(k)fluoranthene	23.568	252	353260	4.341	ng		98
90)	Benzo(a)pyrene	24.321	252	287300	4.269	ng		97
91)	Dibenzo(a,h)anthracene	27.938	278	283784	4.441	ng		99
92)	Benzo(g,h,i)perylene	28.938	276	290923	4.661	ng		98

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

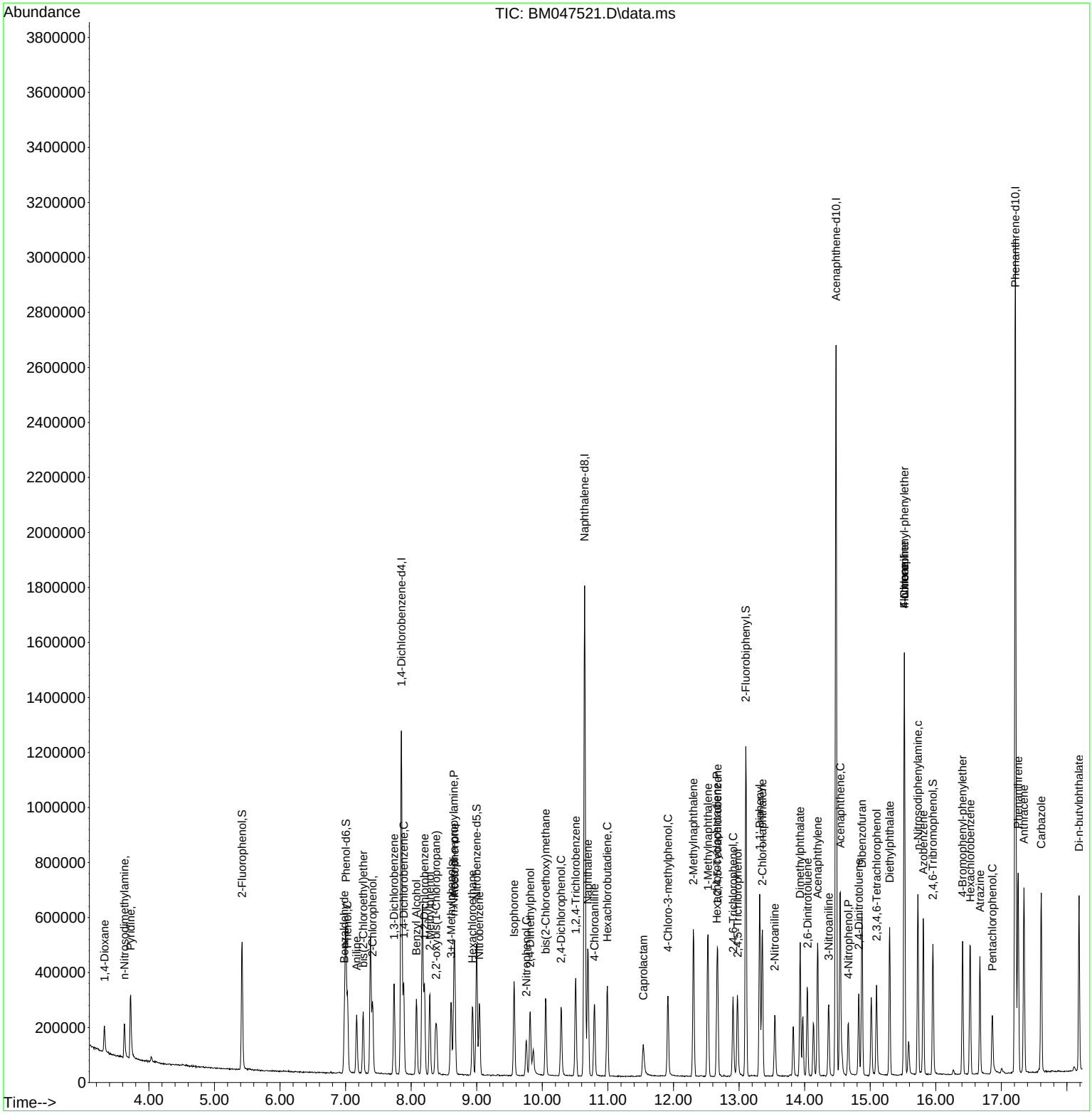
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047521.D
Acq On : 14 Sep 2024 12:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 08:44:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



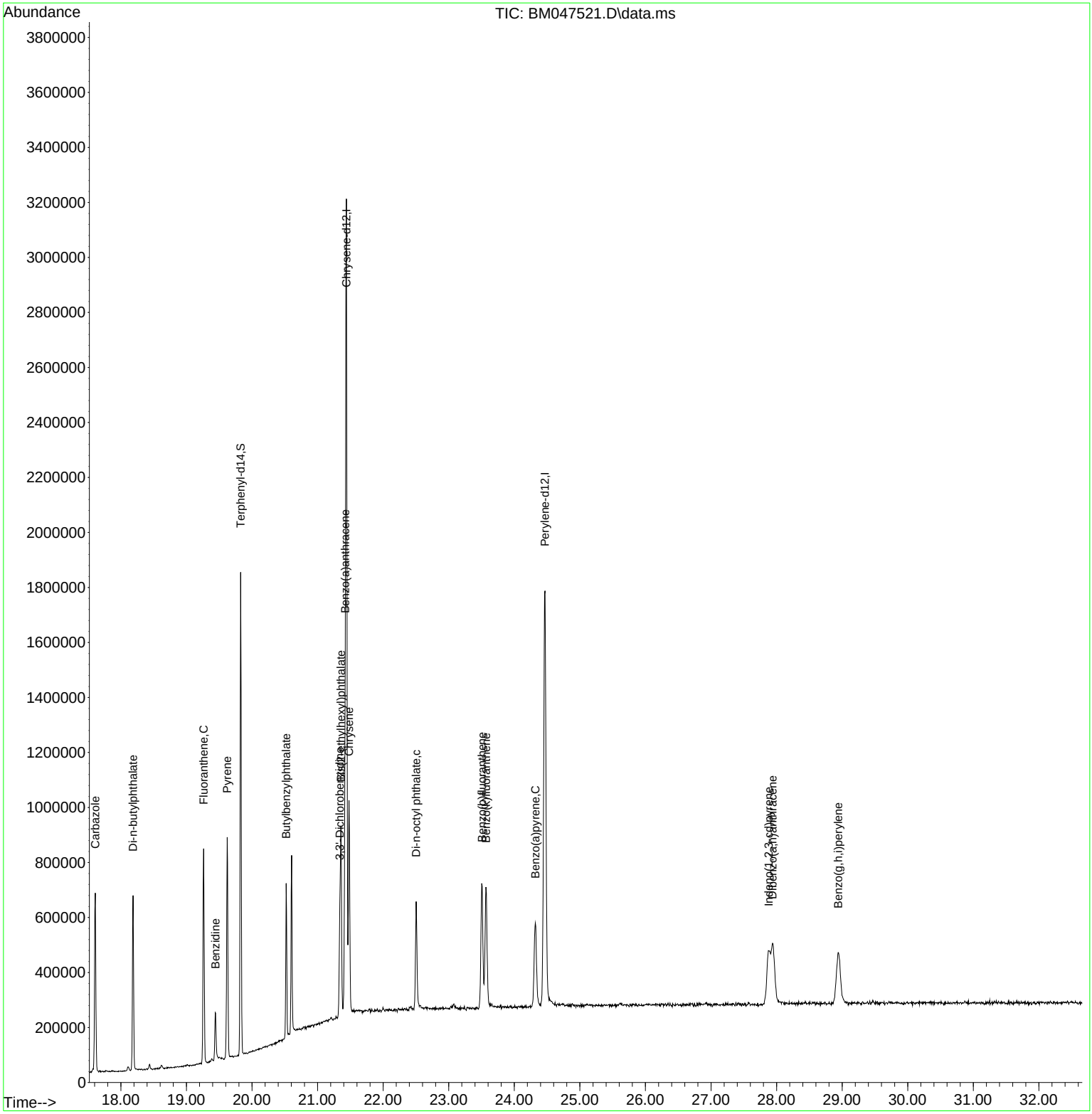
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047521.D
Acq On : 14 Sep 2024 12:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

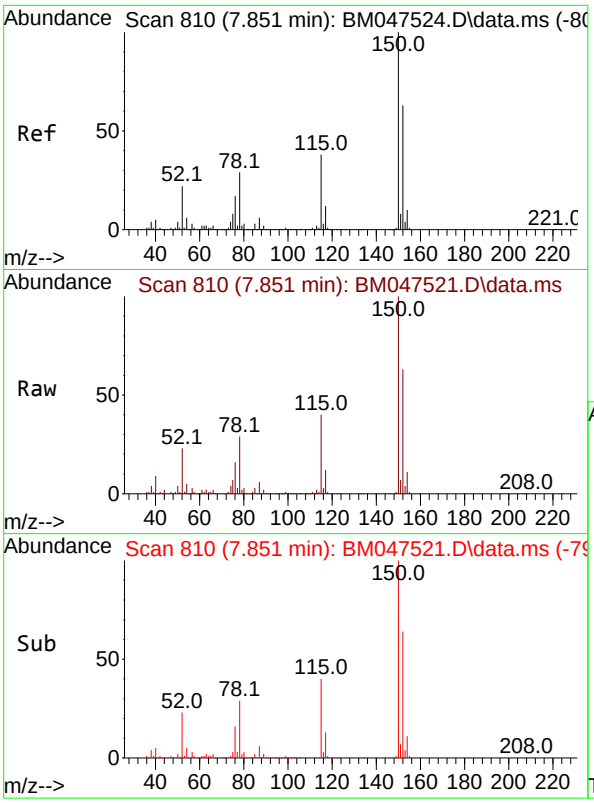
Quant Time: Sep 15 08:44:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

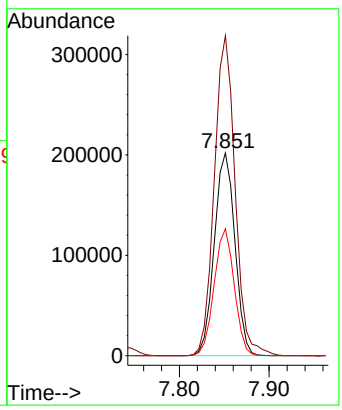




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:152 Resp: 32199

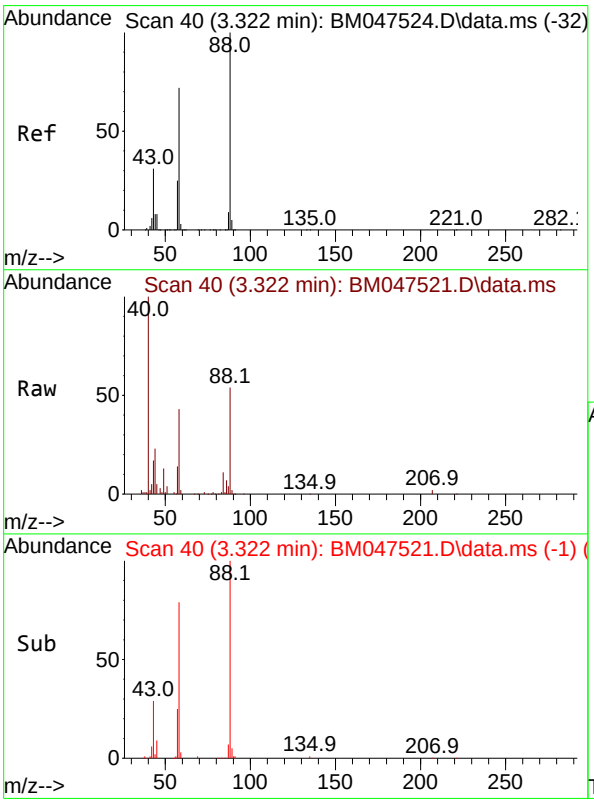
Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.8	190.2
115	62.5	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

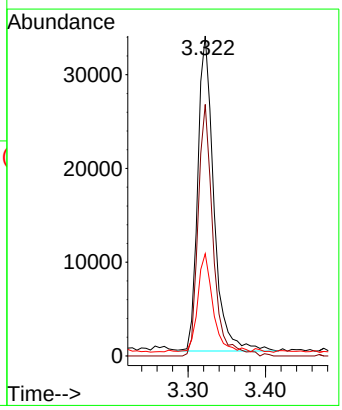
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

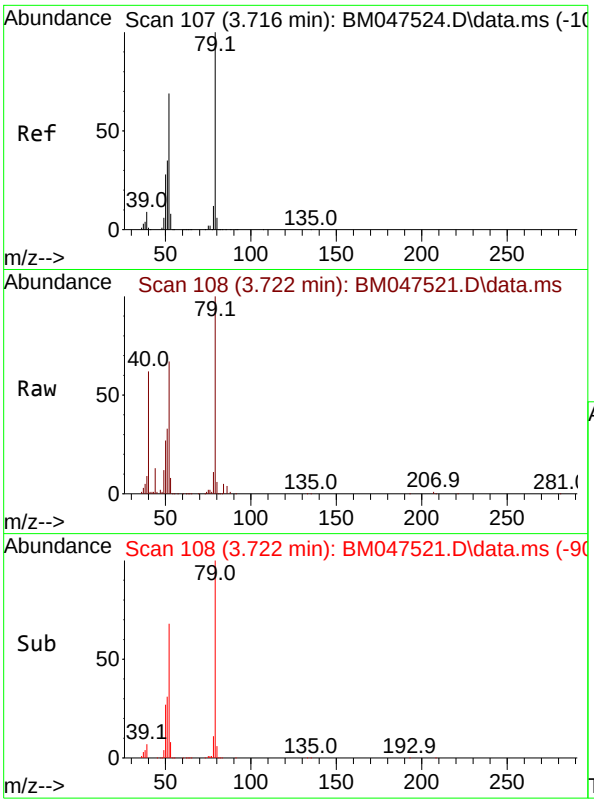


#2
1,4-Dioxane
Concen: 5.583 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 88 Resp: 48363

Ion	Ratio	Lower	Upper
88	100		
58	74.2	59.0	88.6
43	29.3	25.0	37.4

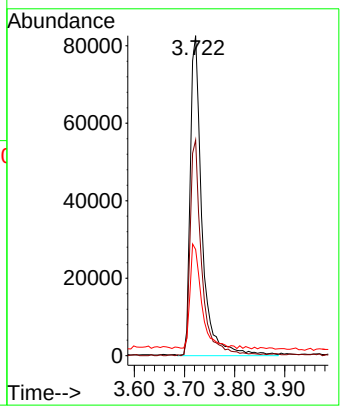




#3
Pyridine
Concen: 5.246 ng
RT: 3.722 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 79 Resp: 13521

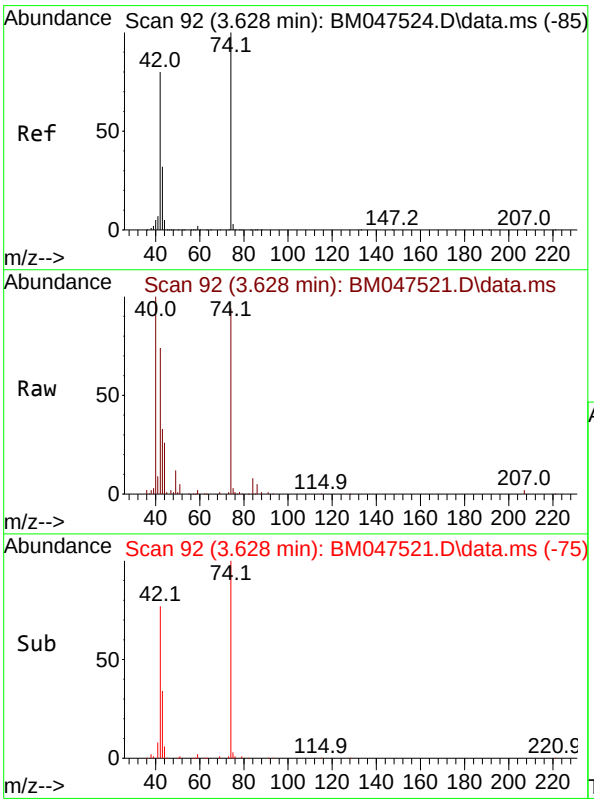
Ion	Ratio	Lower	Upper
79	100		
52	67.4	55.4	83.0
51	33.2	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

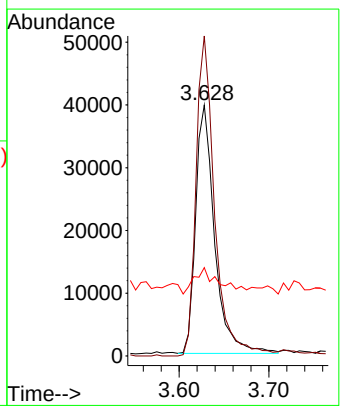
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

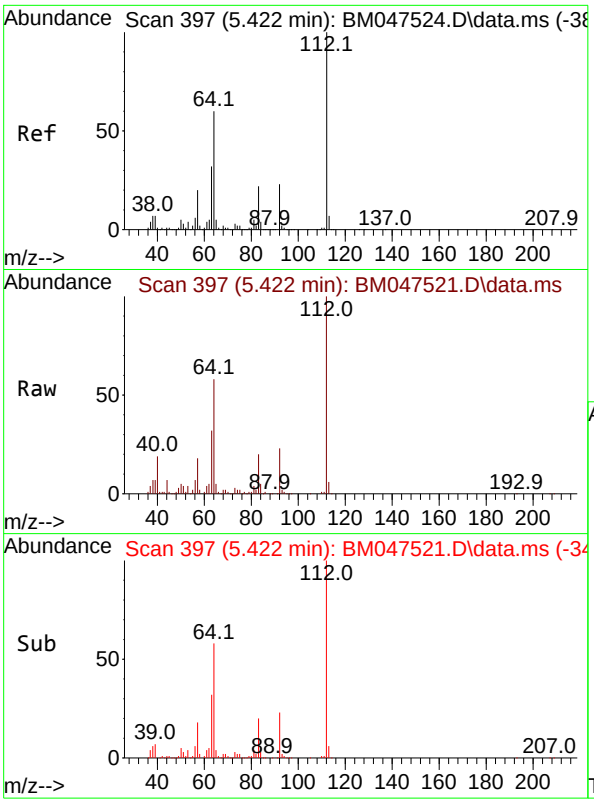


#4
n-Nitrosodimethylamine
Concen: 4.980 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 42 Resp: 58259

Ion	Ratio	Lower	Upper
42	100		
74	127.5	100.5	150.7
44	35.2	6.9	10.3#

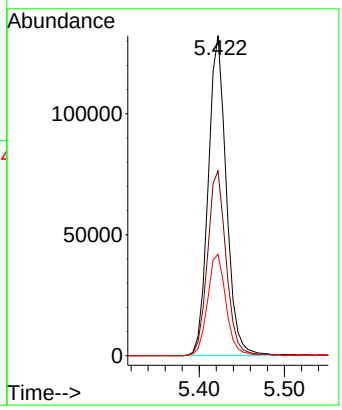




#5
2-Fluorophenol
Concen: 9.677 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:112 Resp: 19570

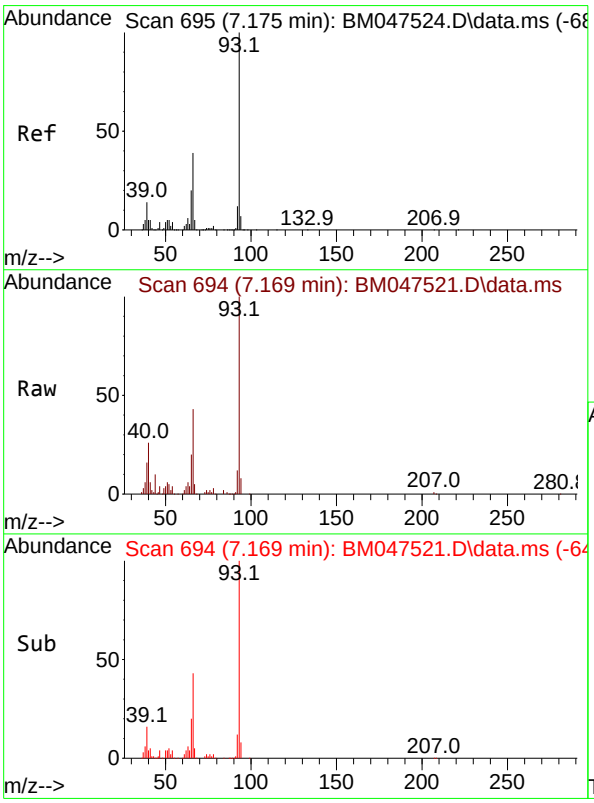
Ion	Ratio	Lower	Upper
112	100		
64	57.7	48.2	72.4
63	31.7	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

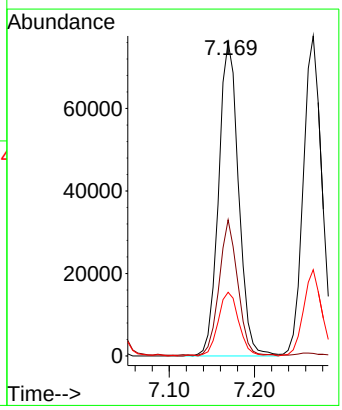
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

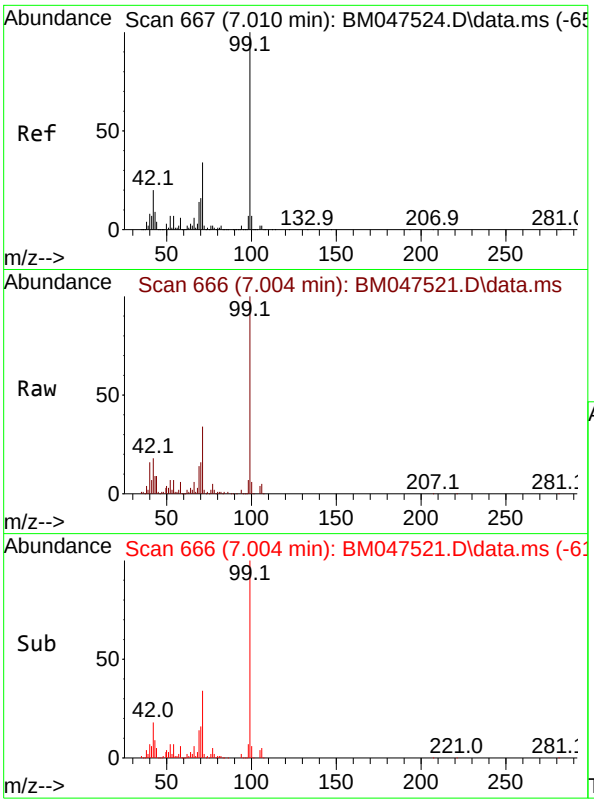


#6
Aniline
Concen: 4.915 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 93 Resp: 124093

Ion	Ratio	Lower	Upper
93	100		
66	43.4	31.4	47.0
65	20.3	16.3	24.5

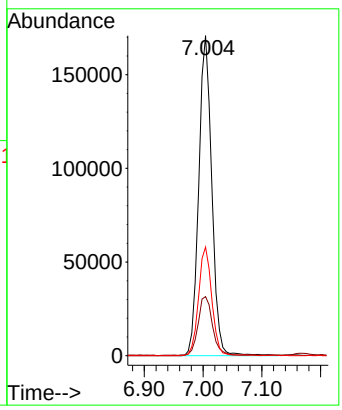




#7
Phenol-d6
Concen: 9.226 ng
RT: 7.004 min Scan# 6(
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 99 Resp: 26275

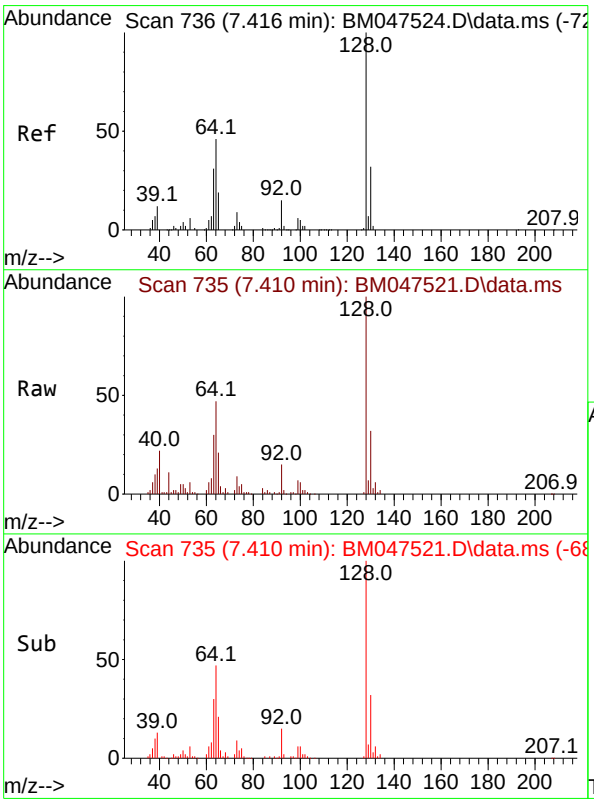
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.8
71	34.0	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

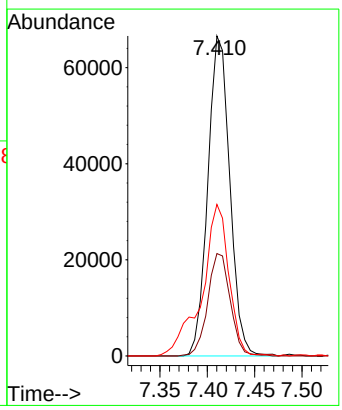
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

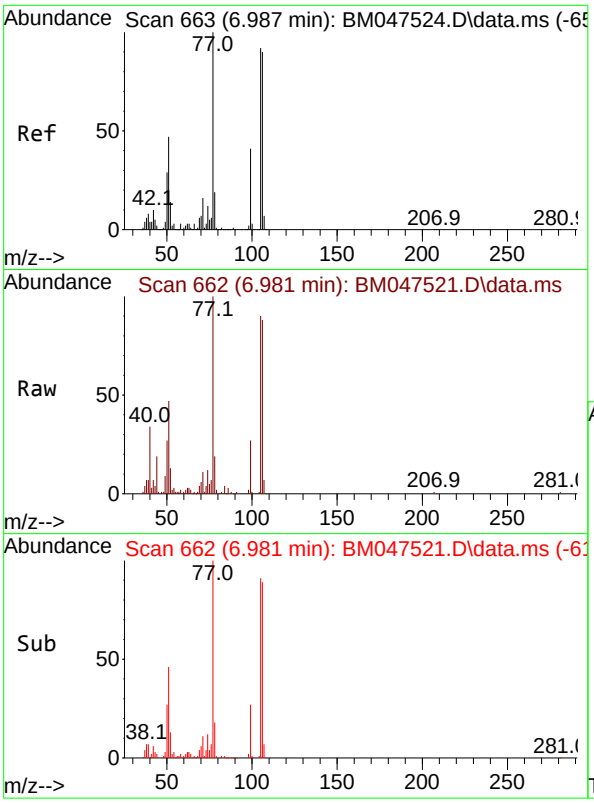


#8
2-Chlorophenol
Concen: 4.830 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:128 Resp: 107673

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.8	51.8
64	47.4	27.6	67.6

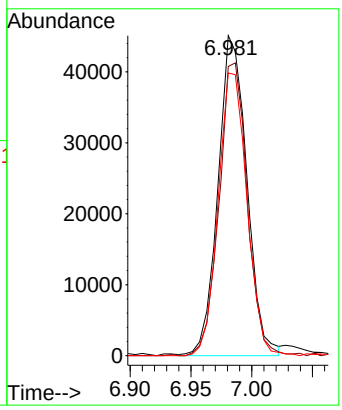




#9
Benzaldehyde
Concen: 5.488 ng m
RT: 6.981 min Scan# 6(
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 77 Resp: 7431

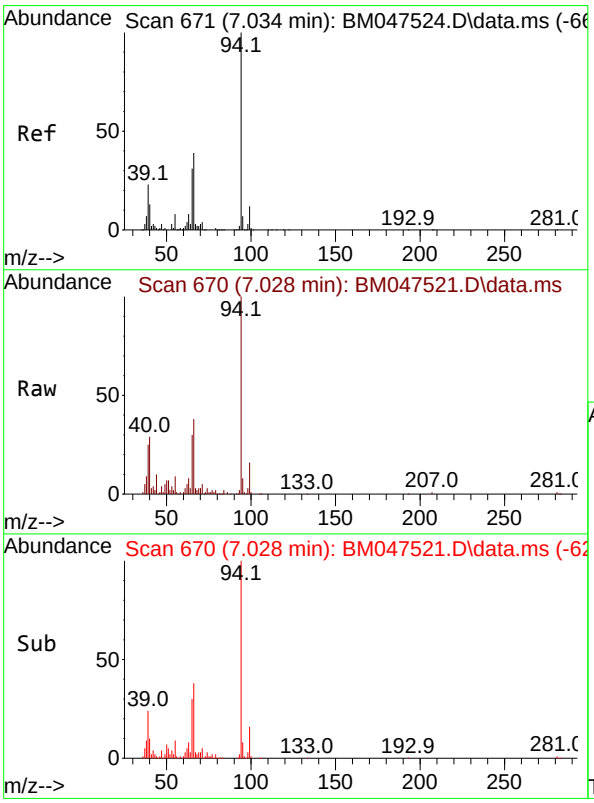
Ion	Ratio	Lower	Upper
77	100		
105	90.4	71.8	111.8
106	88.4	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

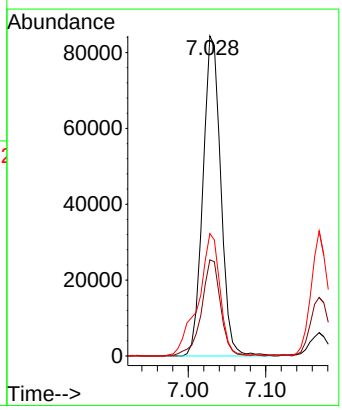
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

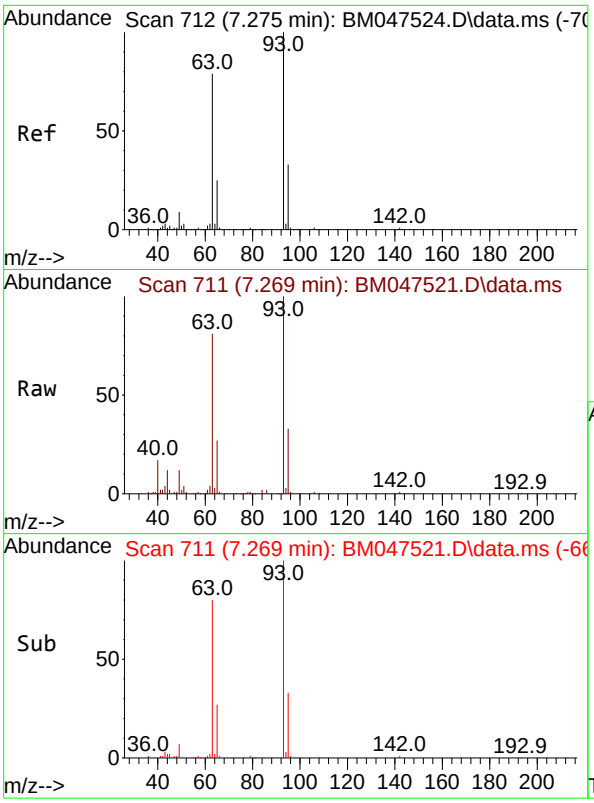


#10
Phenol
Concen: 4.732 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 94 Resp: 134938

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.8	50.8
66	38.3	19.2	59.2

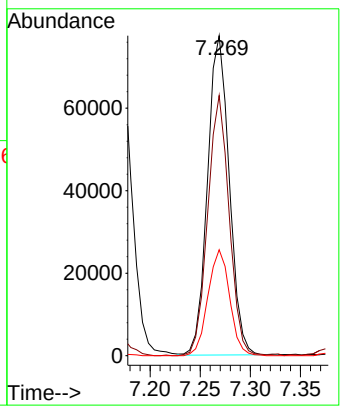




#11
bis(2-Chloroethyl)ether
Concen: 5.101 ng
RT: 7.269 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 93 Resp: 11679

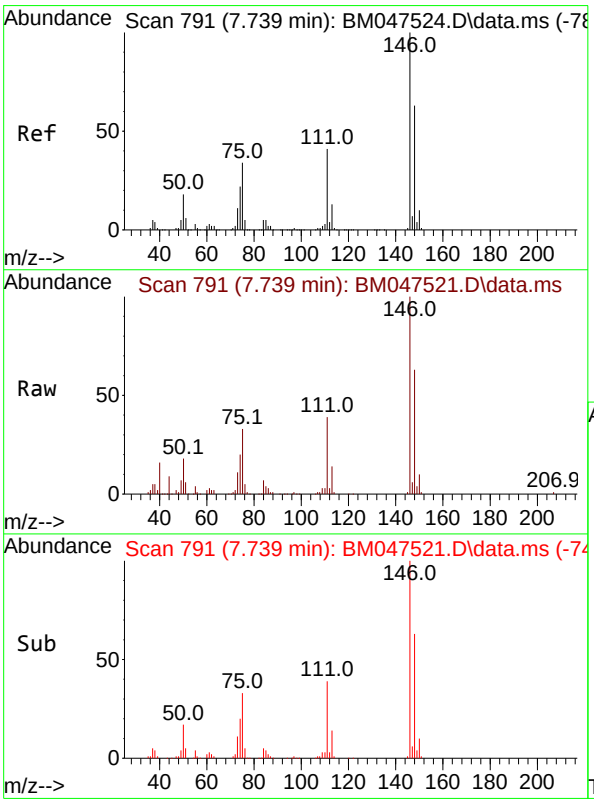
Ion	Ratio	Lower	Upper
93	100		
63	81.3	58.2	98.2
95	33.1	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

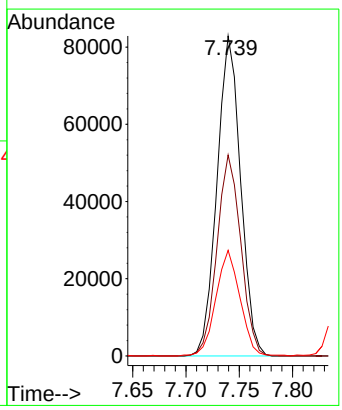
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

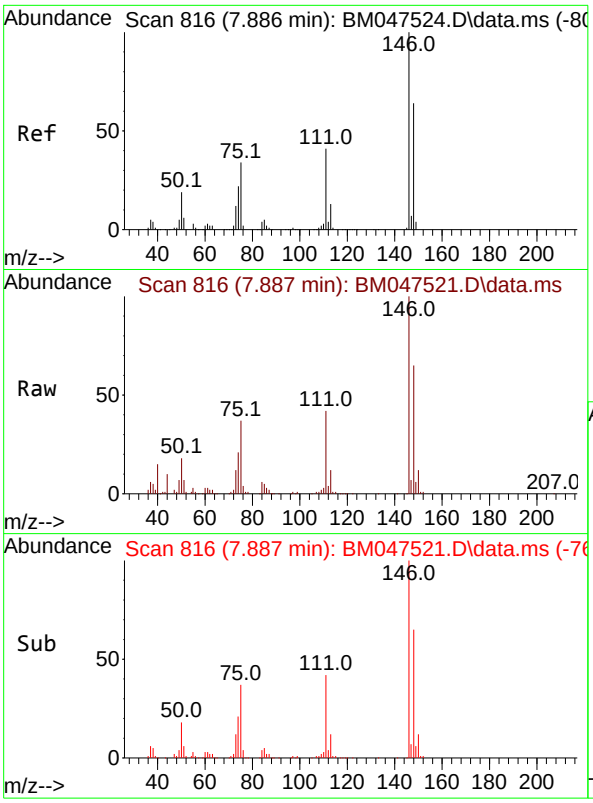


#12
1,3-Dichlorobenzene
Concen: 5.232 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:146 Resp: 127671

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	33.0	27.4	41.0

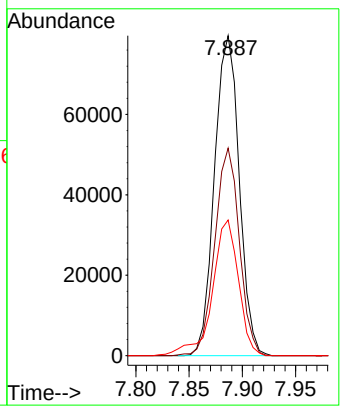




#13
1,4-Dichlorobenzene
Concen: 5.161 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:146 Resp: 12827(

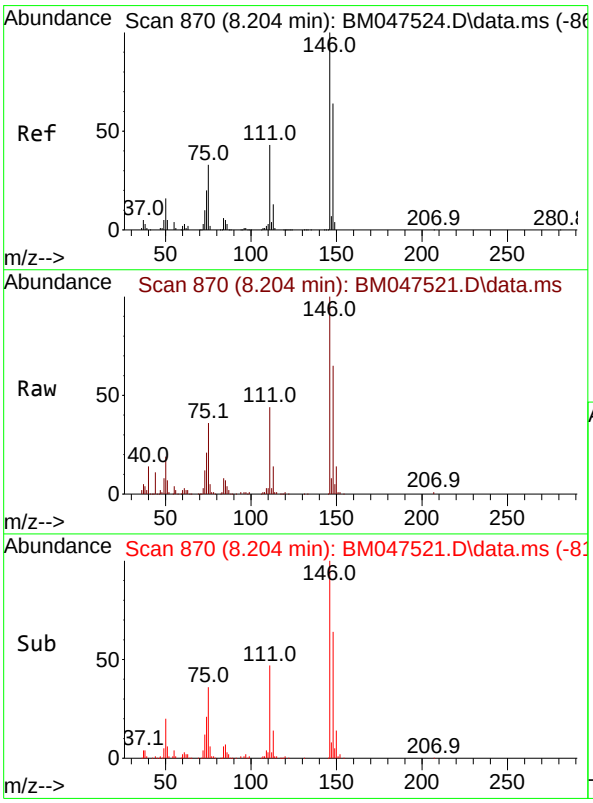
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	42.4	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

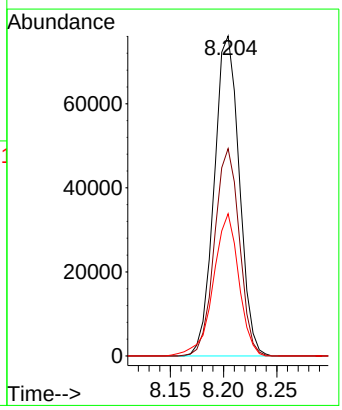
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

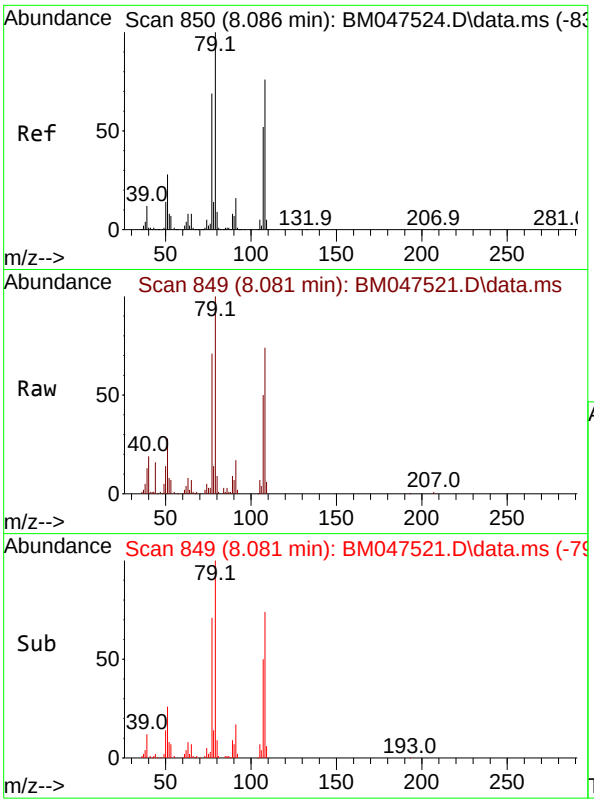


#14
1,2-Dichlorobenzene
Concen: 5.084 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:146 Resp: 124358

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	44.5	34.7	52.1

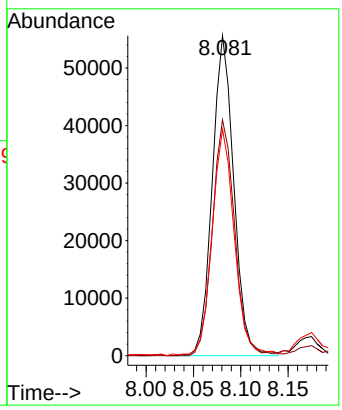




#15
Benzyl Alcohol
Concen: 4.566 ng
RT: 8.081 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 79 Resp: 8809(

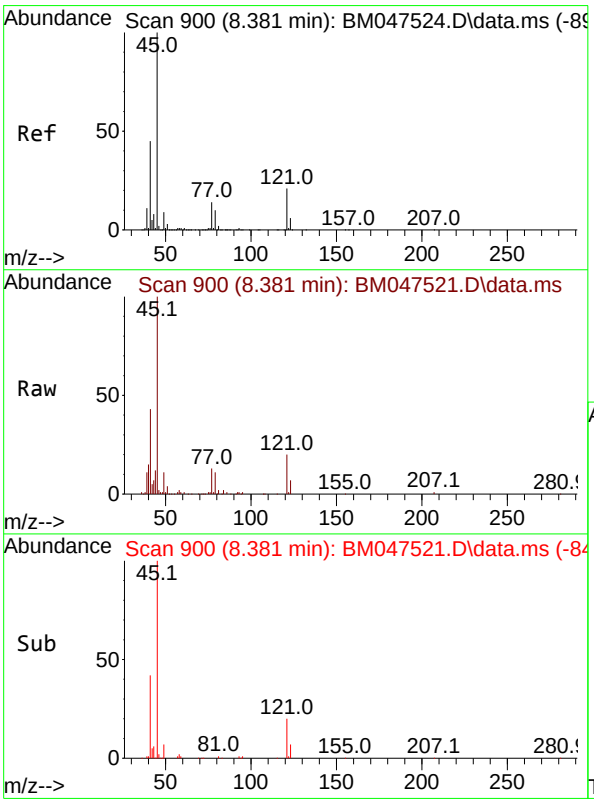
Ion	Ratio	Lower	Upper
79	100		
108	73.7	60.6	91.0
77	70.7	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

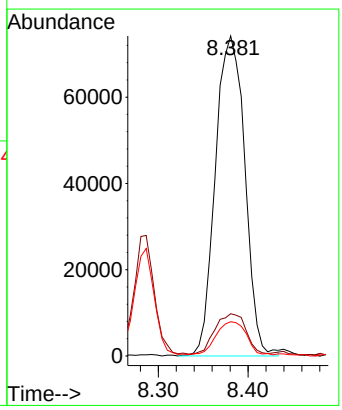
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

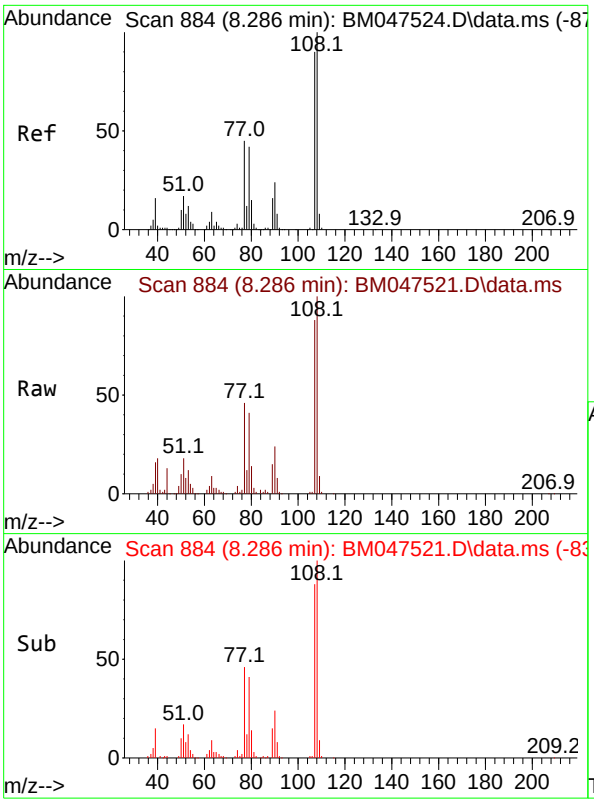


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.258 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 45 Resp: 169328

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.7
79	10.7	0.0	30.3

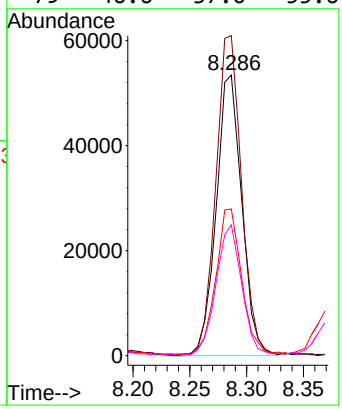




#17
2-Methylphenol
Concen: 4.599 ng
RT: 8.286 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:107 Resp: 8377

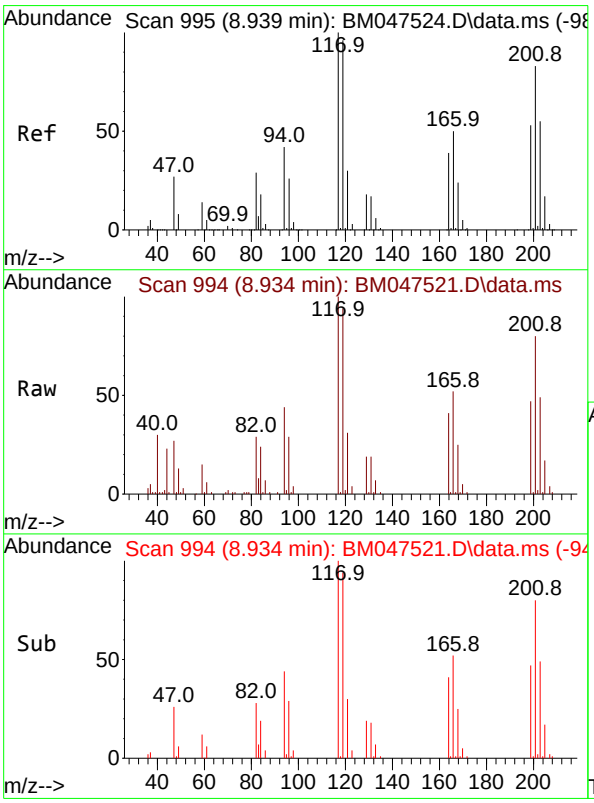
Ion	Ratio	Lower	Upper
107	100		
108	114.0	88.9	133.3
77	52.3	39.8	59.8
79	46.6	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

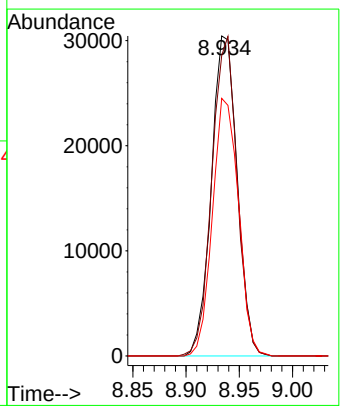
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

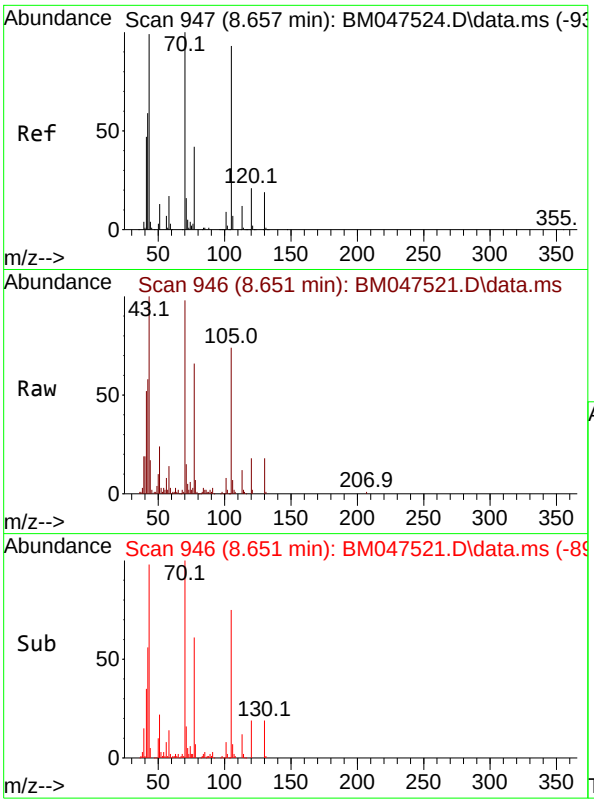


#18
Hexachloroethane
Concen: 5.180 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:117 Resp: 51435

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.0	115.4
201	80.5	66.8	100.2

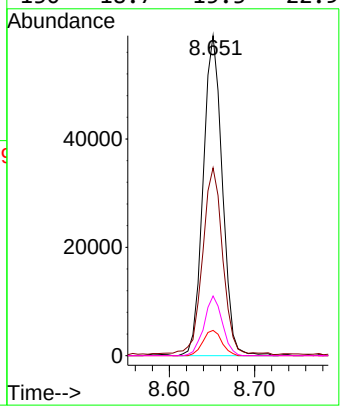




#19
n-Nitroso-di-n-propylamine
Concen: 4.797 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 70 Resp: 9211

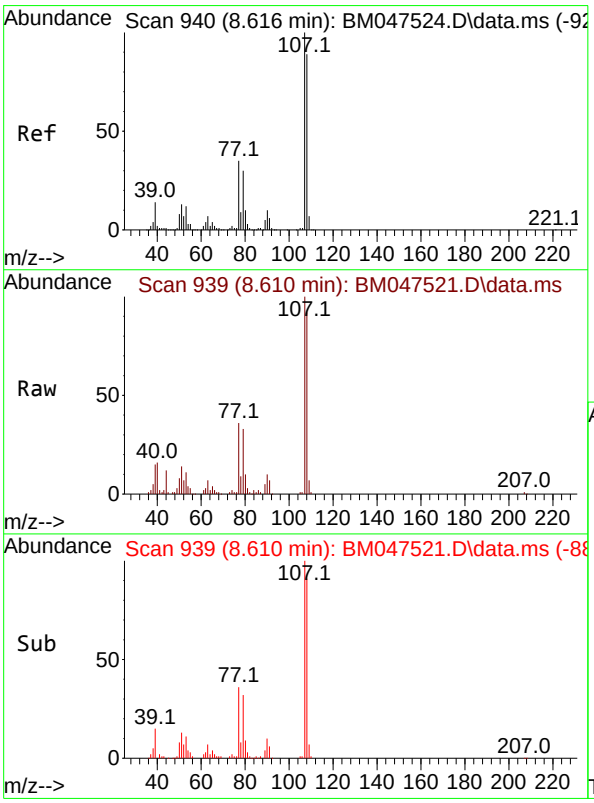
Ion	Ratio	Lower	Upper
70	100		
42	58.7	48.2	72.2
101	7.9	7.0	10.4
130	18.7	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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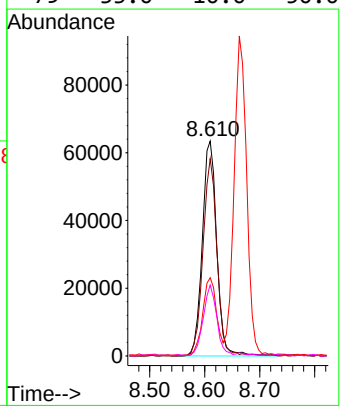
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

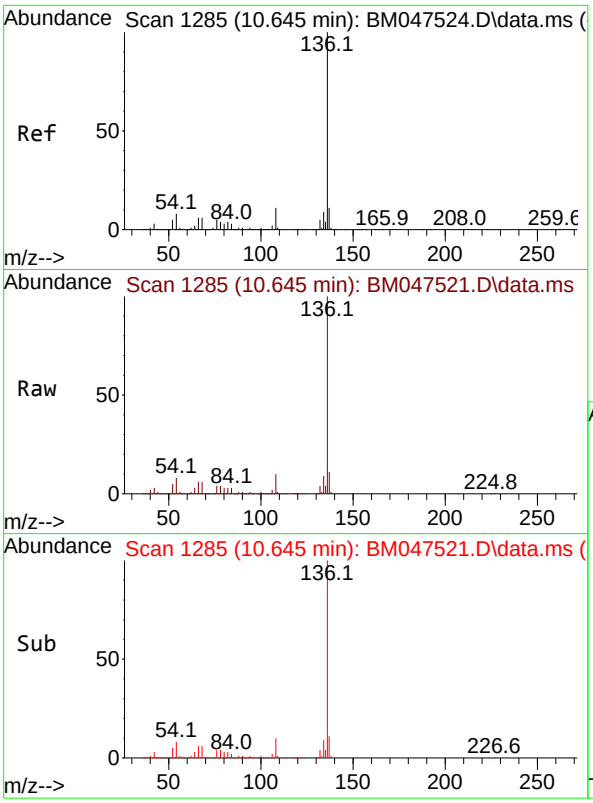


#20
3+4-Methylphenols
Concen: 4.562 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:107 Resp: 115966

Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.9	108.9
77	36.4	15.5	55.5
79	33.0	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

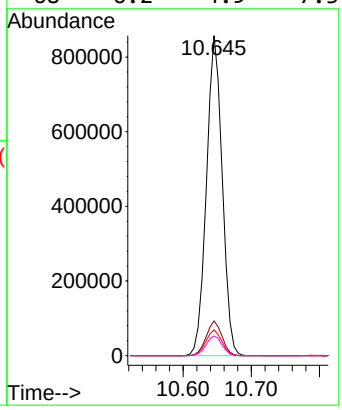
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

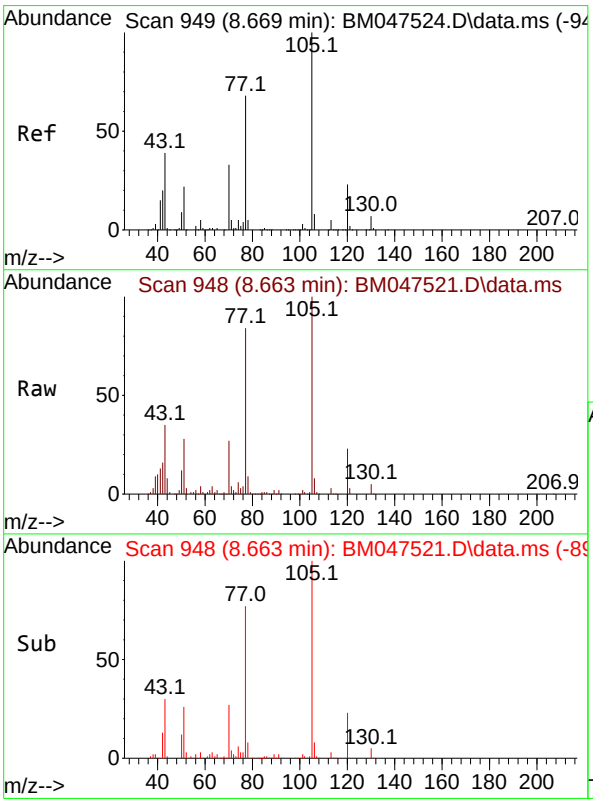
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Tgt Ion:136 Resp: 137960

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.1	6.6	9.8
68	6.2	4.9	7.3

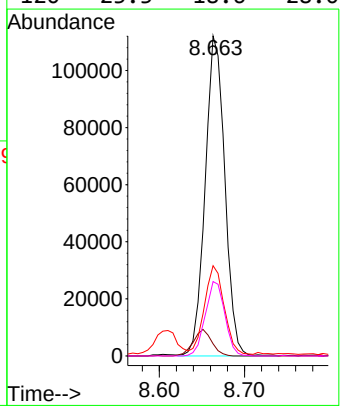


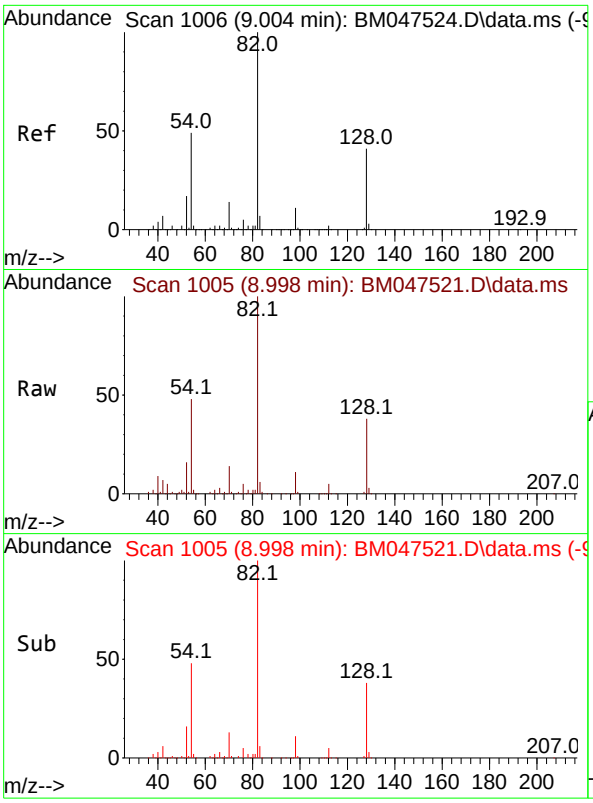


#22
Acetophenone
Concen: 4.953 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:105 Resp: 179648

Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.3	6.5#
51	28.2	21.5	32.3
120	23.3	18.6	28.0





#23
Nitrobenzene-d5
Concen: 9.682 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

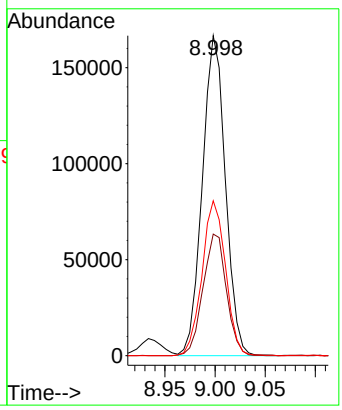
Tgt Ion: 82 Resp: 26689

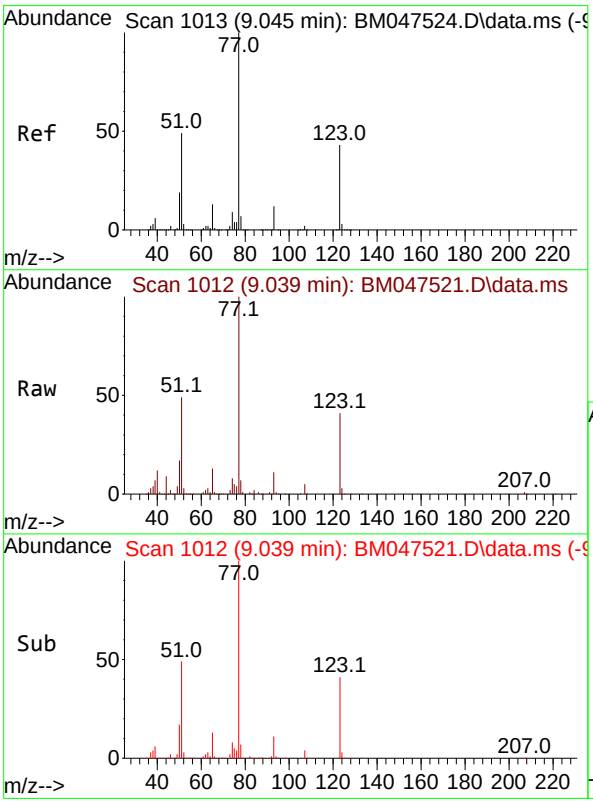
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.0	49.4
54	48.4	39.3	58.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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Supervised By :mohammad ahmed 09/17/2024

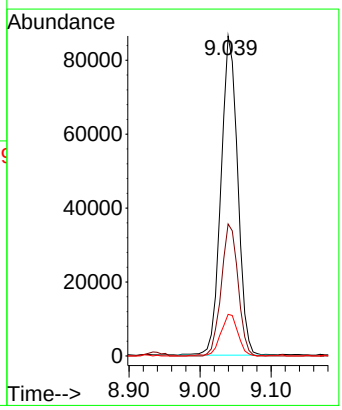


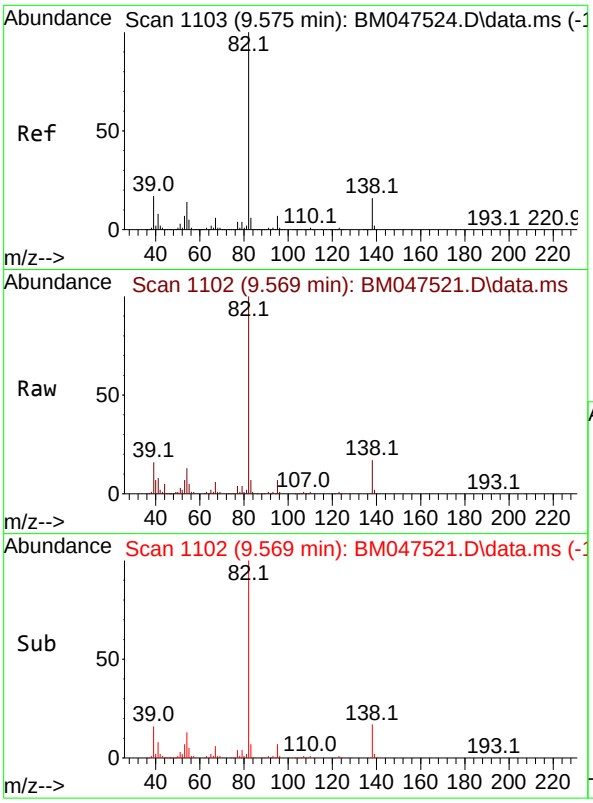


#24
Nitrobenzene
Concen: 4.984 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 77 Resp: 141172

Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.5	51.7
65	13.0	10.7	16.1





#25
Isophorone
Concen: 4.779 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

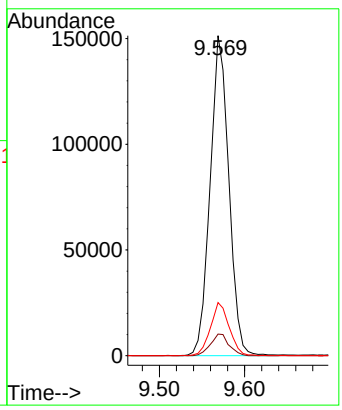
Tgt Ion: 82 Resp: 23159

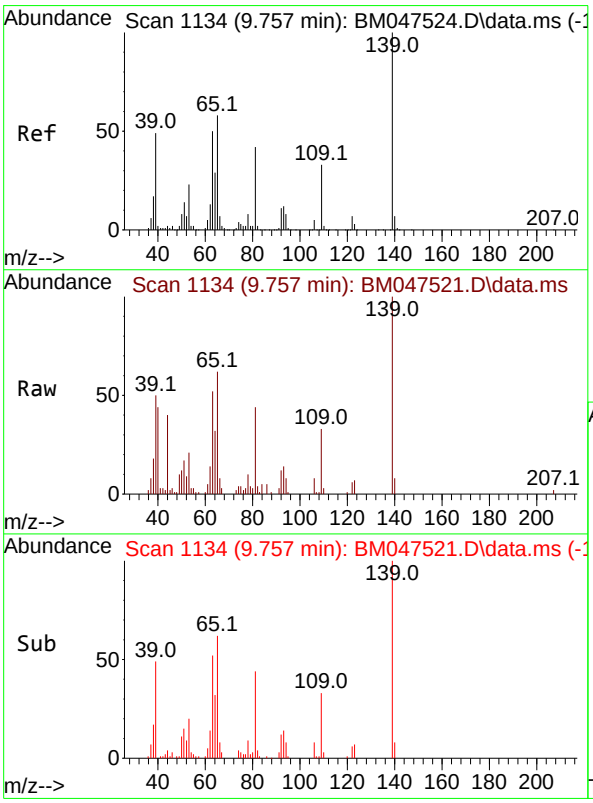
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	16.6	12.9	19.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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Reviewed By :Yogesh Patel 09/16/2024
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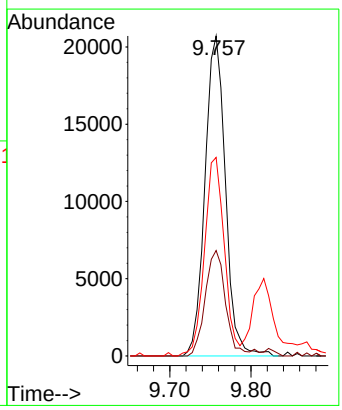


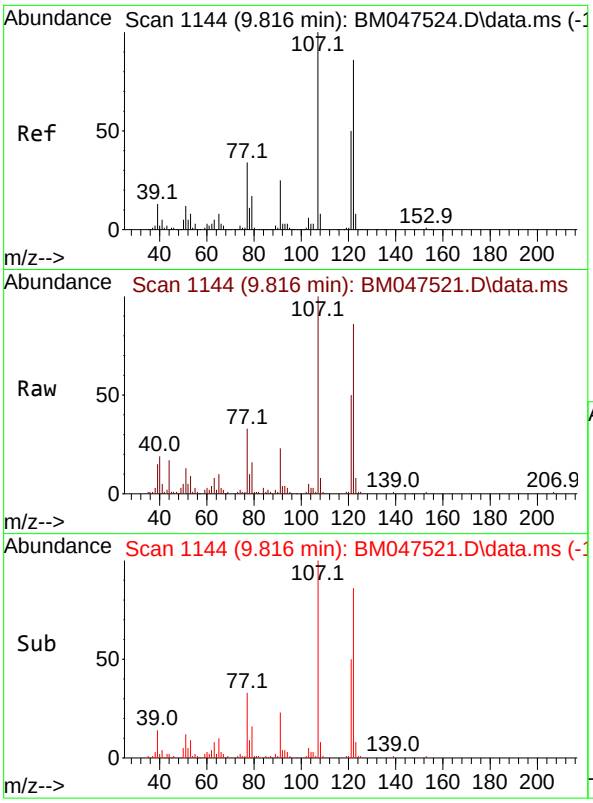


#26
2-Nitrophenol
Concen: 3.750 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:139 Resp: 36202

Ion	Ratio	Lower	Upper
139	100		
109	32.9	26.0	39.0
65	62.1	46.2	69.4

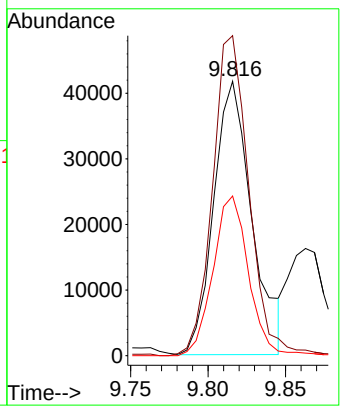




#27
2,4-Dimethylphenol
Concen: 4.892 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:122 Resp: 7158

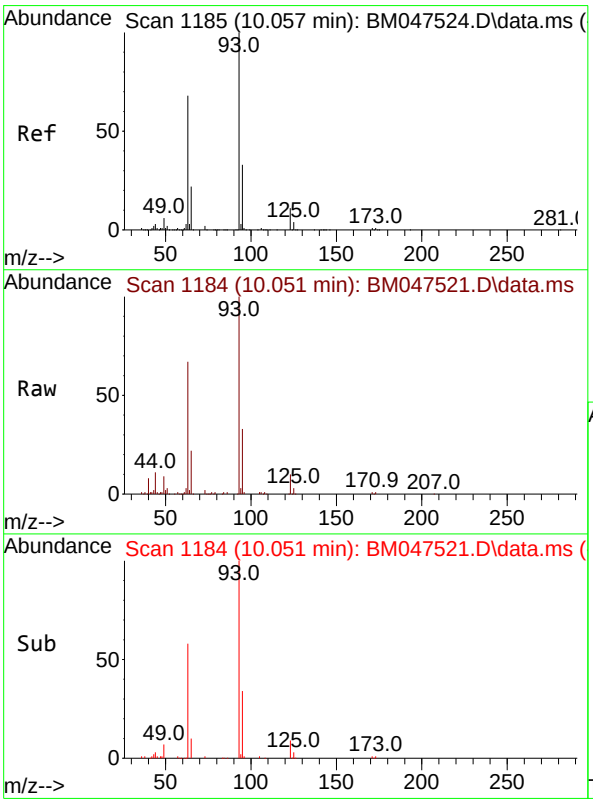
Ion	Ratio	Lower	Upper
122	100		
107	116.6	92.4	138.6
121	58.2	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

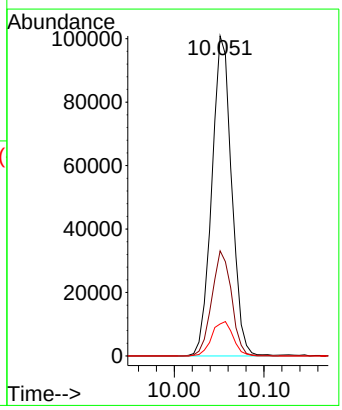
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

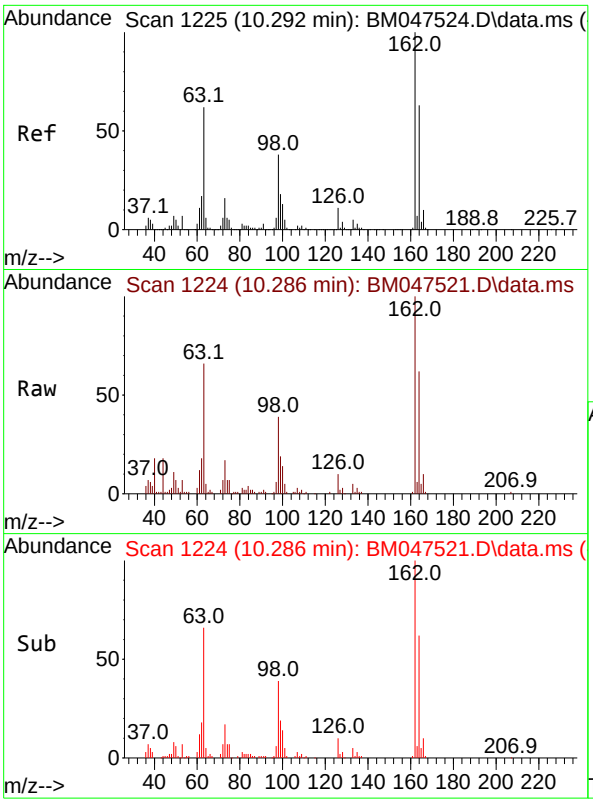


#28
bis(2-Chloroethoxy)methane
Concen: 5.077 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 93 Resp: 154543

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	10.0	9.2	13.8

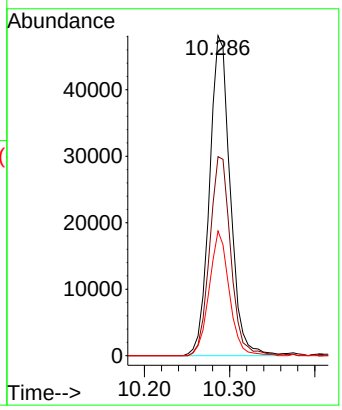




#29
2,4-Dichlorophenol
Concen: 4.377 ng
RT: 10.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:162 Resp: 8137

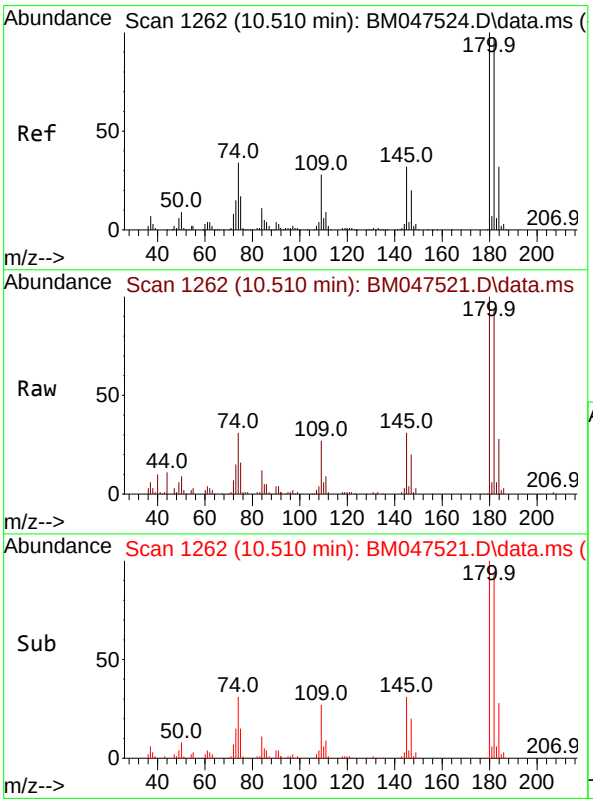
Ion	Ratio	Lower	Upper
162	100		
164	62.2	43.5	83.5
98	39.0	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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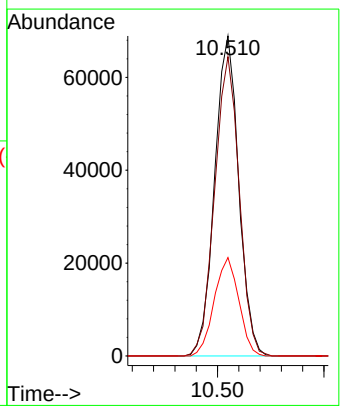
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

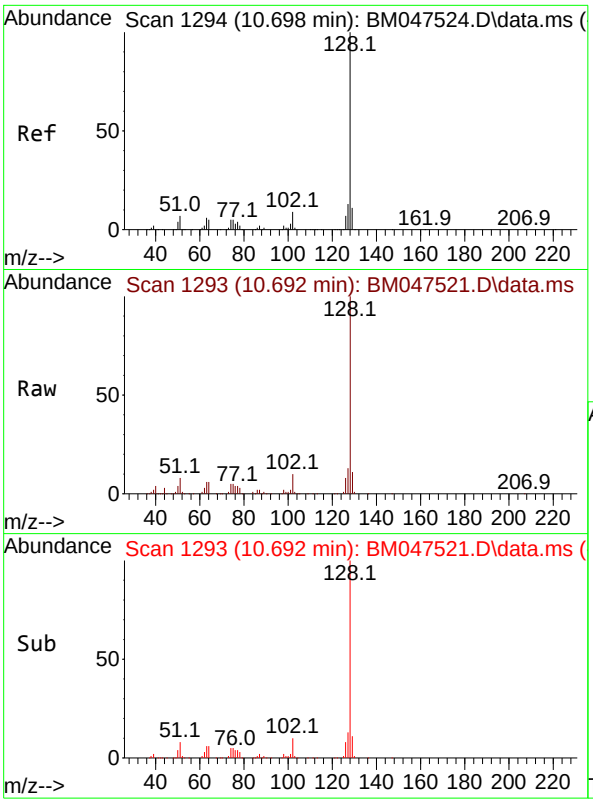


#30
1,2,4-Trichlorobenzene
Concen: 5.074 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:180 Resp: 108051

Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.6	116.4
145	30.7	25.4	38.0

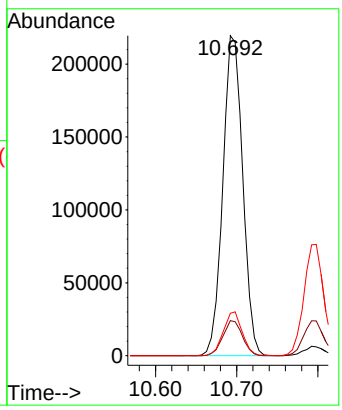




#31
Naphthalene
Concen: 5.011 ng
RT: 10.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:128 Resp: 373399

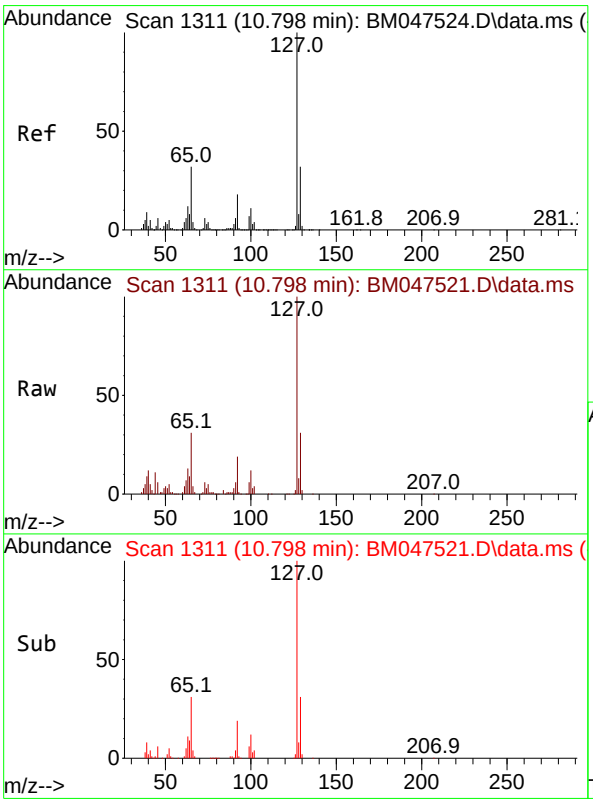
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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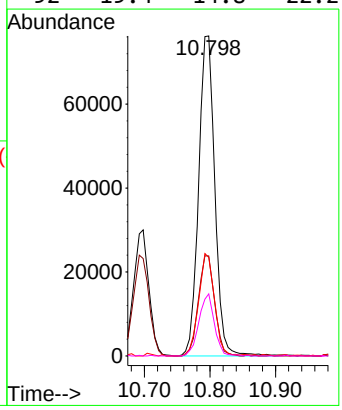
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

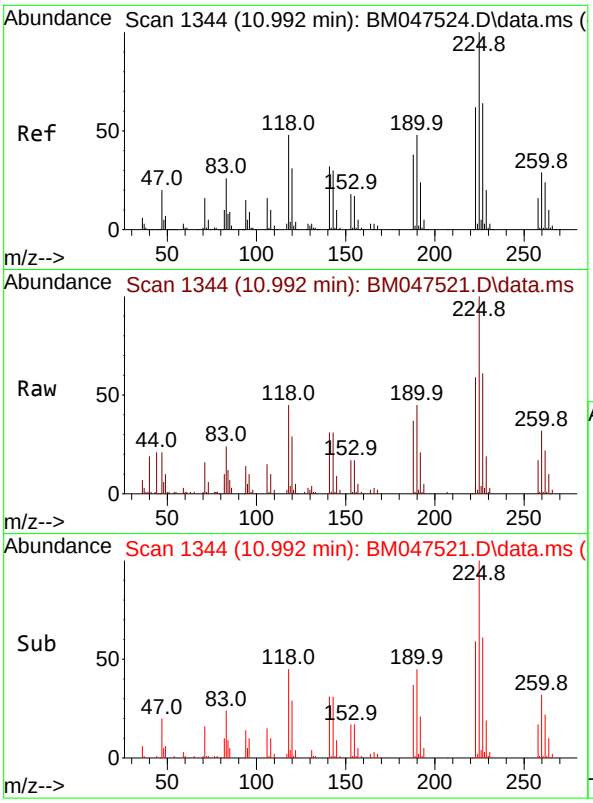


#33
4-Chloroaniline
Concen: 4.890 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:127 Resp: 131738

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.4	38.0
65	30.8	25.5	38.3
92	19.4	14.8	22.2

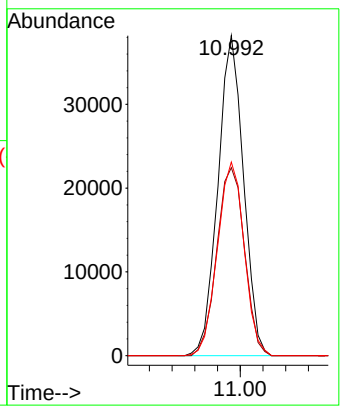




#34
Hexachlorobutadiene
Concen: 5.071 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:225 Resp: 5981

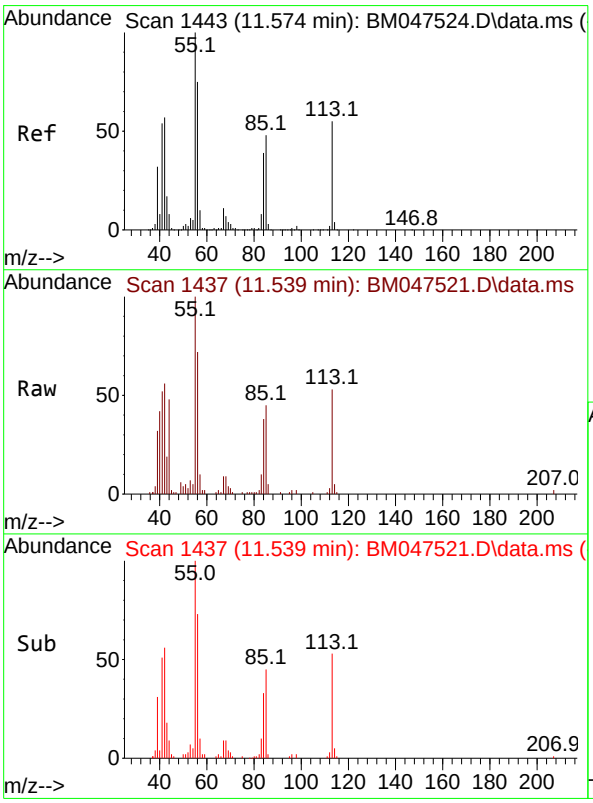
Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.8	74.6
227	60.5	51.0	76.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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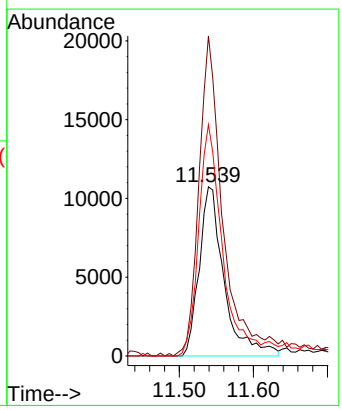
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

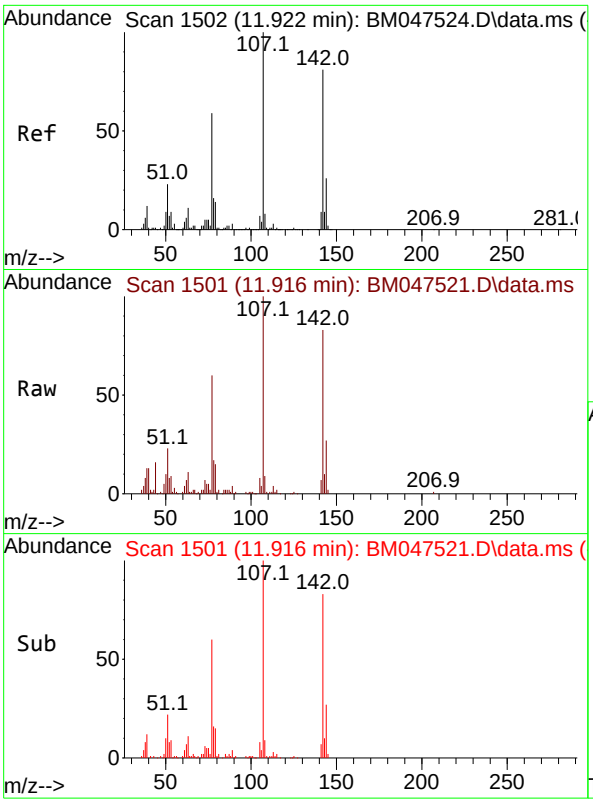


#35
Caprolactam
Concen: 4.093 ng
RT: 11.539 min Scan# 1437
Delta R.T. -0.035 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:113 Resp: 25064

Ion	Ratio	Lower	Upper
113	100		
55	189.2	162.5	202.5
56	136.8	116.5	156.5

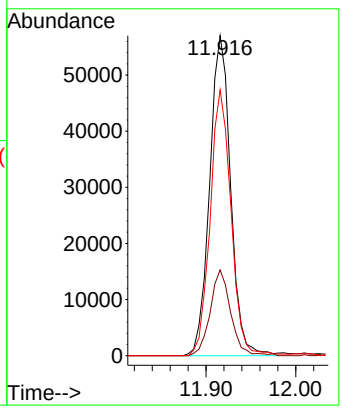




#36
4-Chloro-3-methylphenol
Concen: 4.348 ng
RT: 11.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:107 Resp: 9262

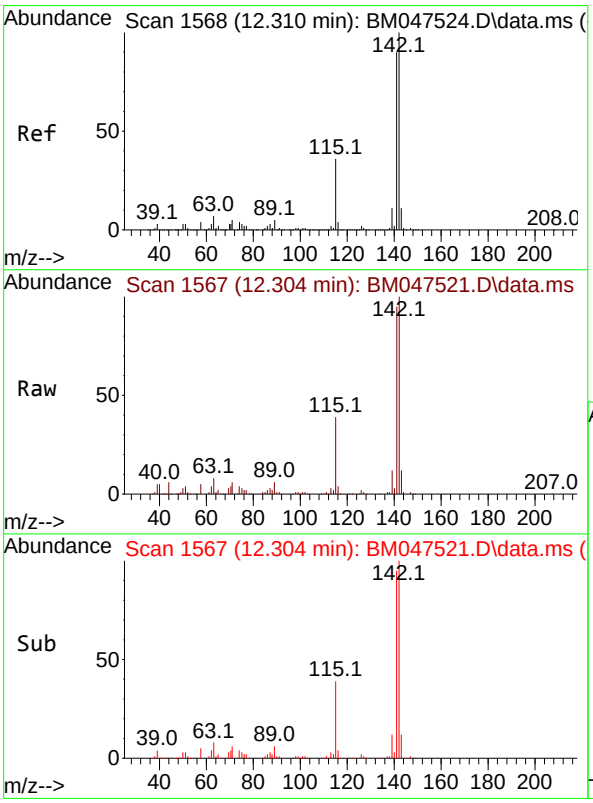
Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	83.0	65.0	97.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

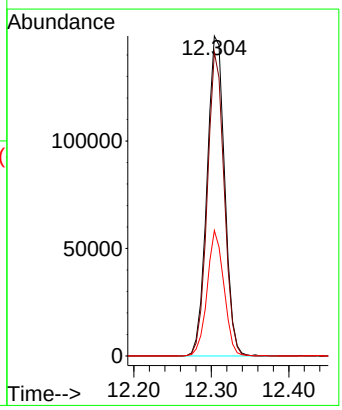
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

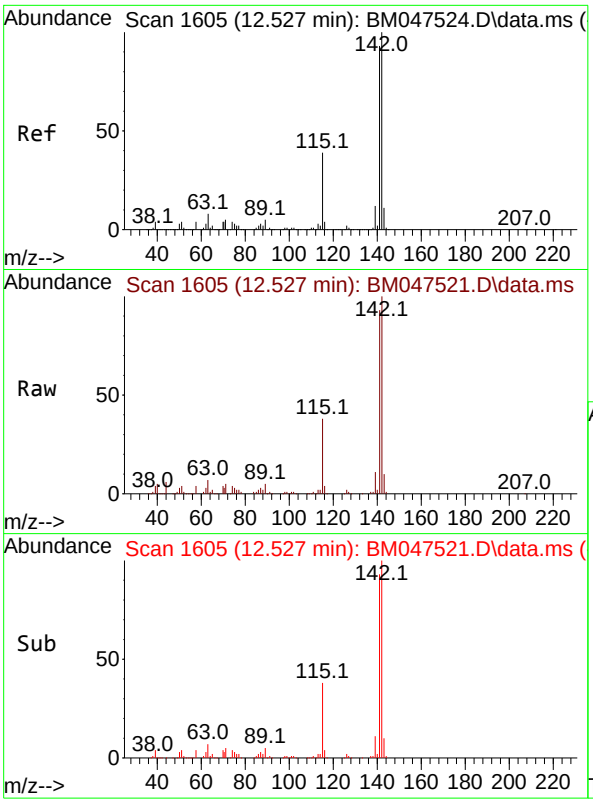


#37
2-Methylnaphthalene
Concen: 4.750 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:142 Resp: 235563

Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.2	108.4
115	39.2	29.1	43.7

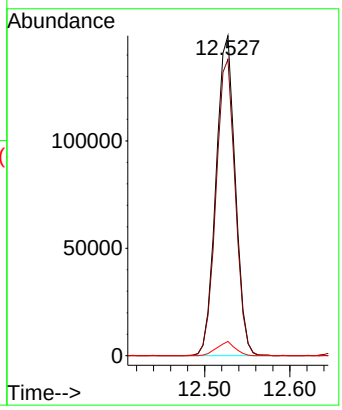




#38
1-Methylnaphthalene
Concen: 4.751 ng
RT: 12.527 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:142 Resp: 23413

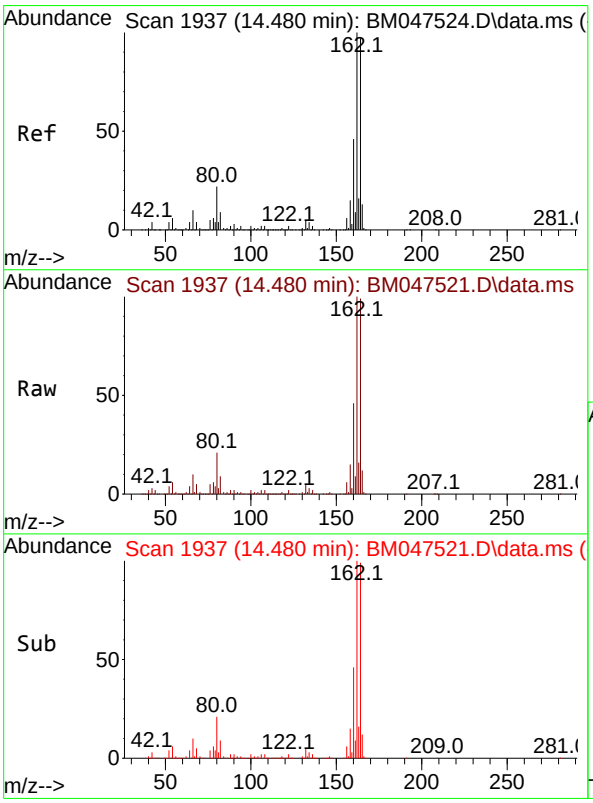
Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.5	3.2	4.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

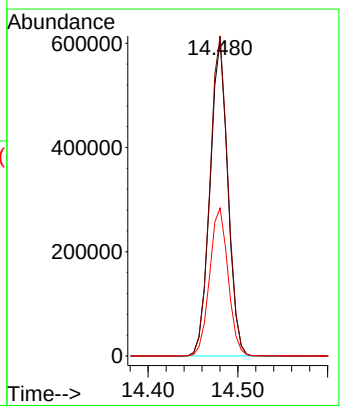
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

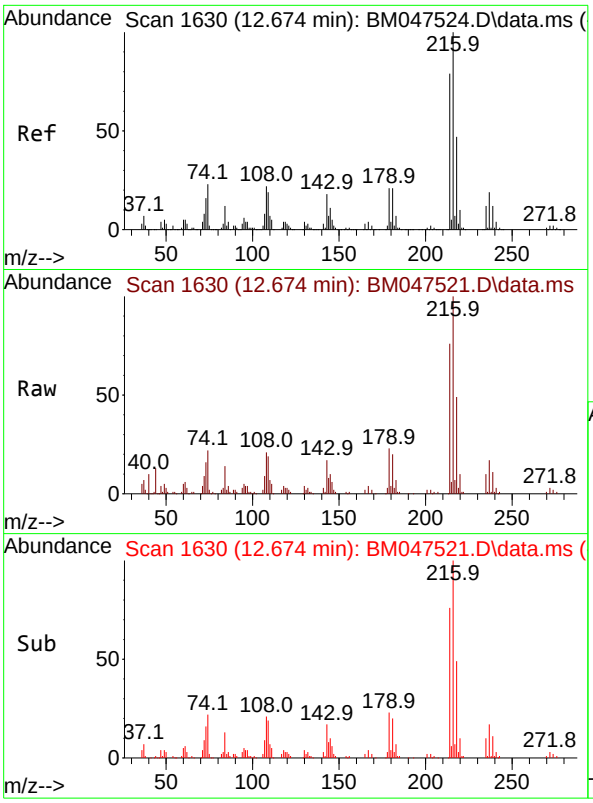


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:164 Resp: 831511

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	46.9	38.2	57.2

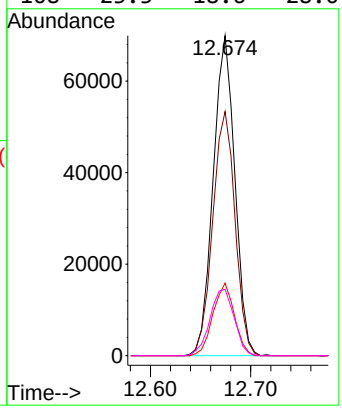




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.663 ng
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:216 Resp: 10492

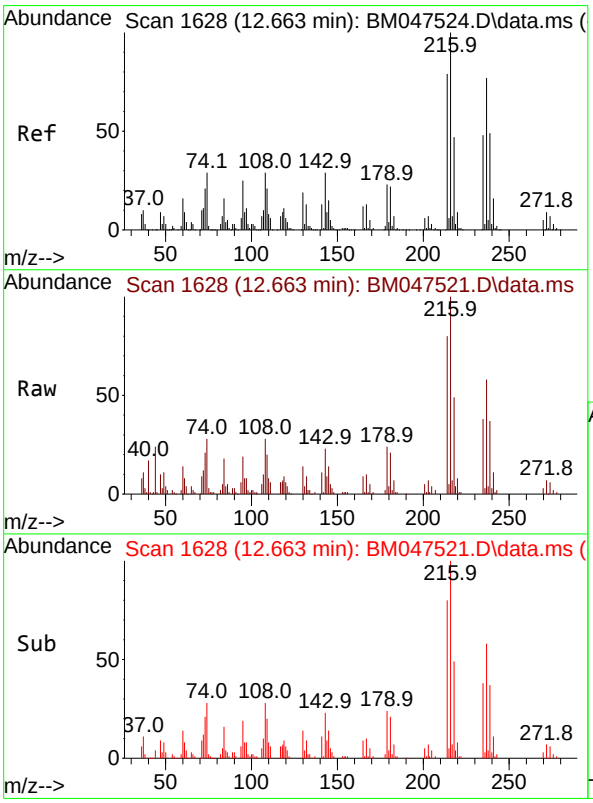
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	22.4	17.5	26.3
108	23.3	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

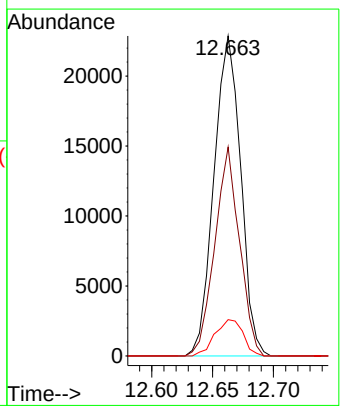
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

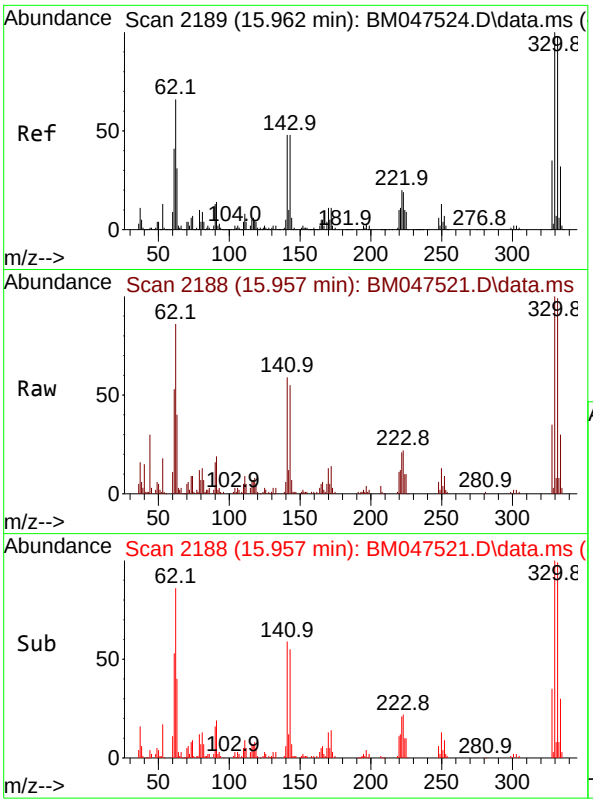


#41
Hexachlorocyclopentadiene
Concen: 4.746 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:237 Resp: 34913

Ion	Ratio	Lower	Upper
237	100		
235	65.3	42.0	82.0
272	11.3	0.0	31.5

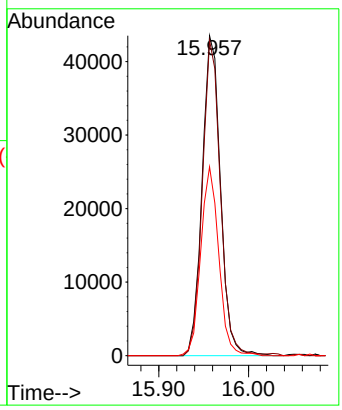




#42
2,4,6-Tribromophenol
Concen: 7.689 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:330 Resp: 6180

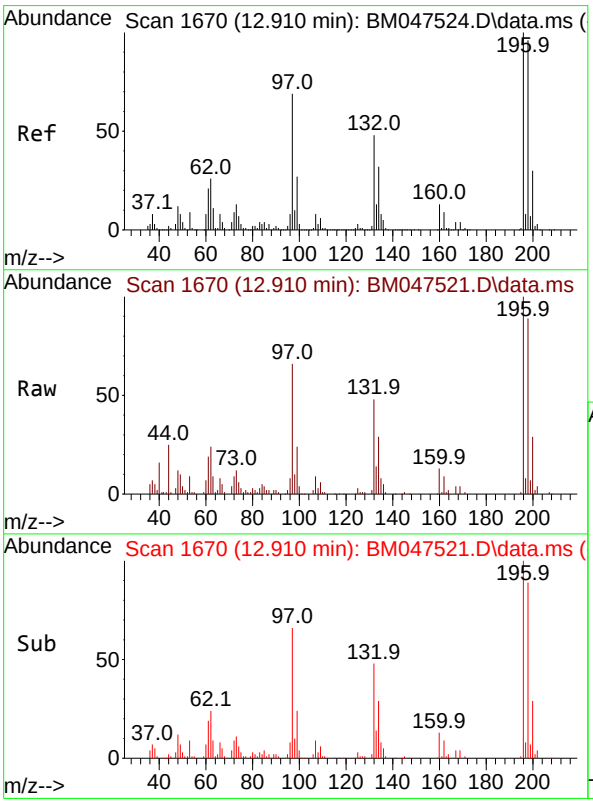
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	57.9	42.2	63.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

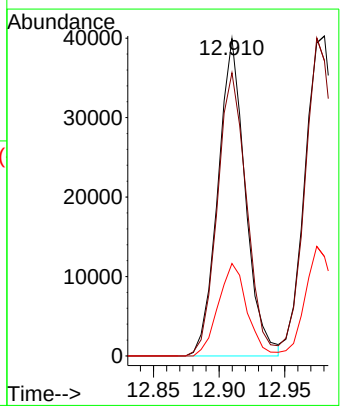
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

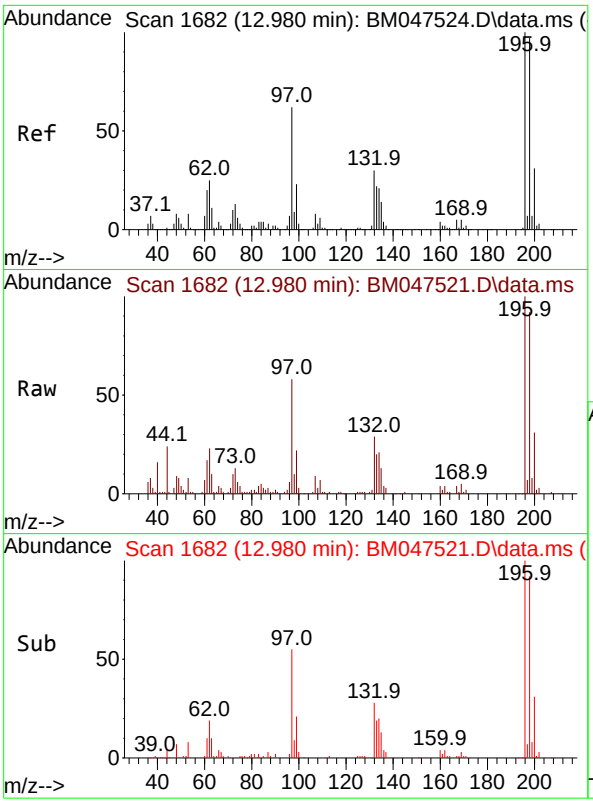


#43
2,4,6-Trichlorophenol
Concen: 4.119 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:196 Resp: 58063

Ion	Ratio	Lower	Upper
196	100		
198	89.2	76.9	115.3
200	29.1	24.3	36.5

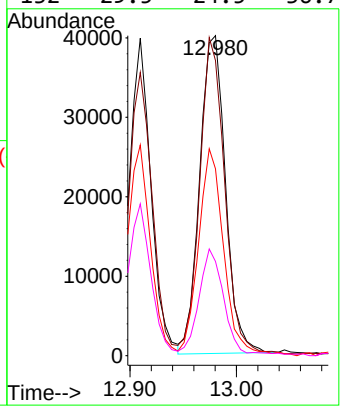




#44
2,4,5-Trichlorophenol
Concen: 4.228 ng
RT: 12.980 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:196 Resp: 6732(

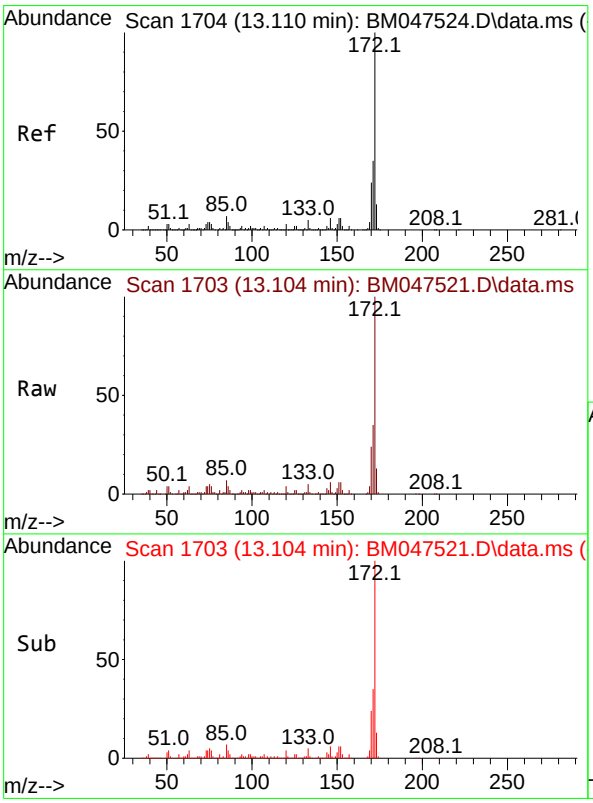
Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.4	116.2
97	58.4	49.8	74.8
132	29.5	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

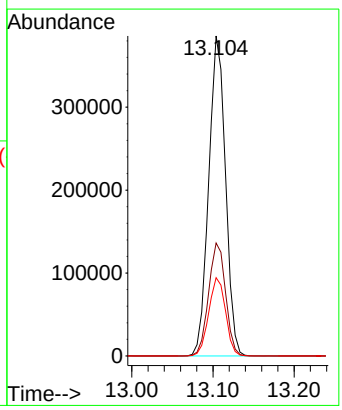
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

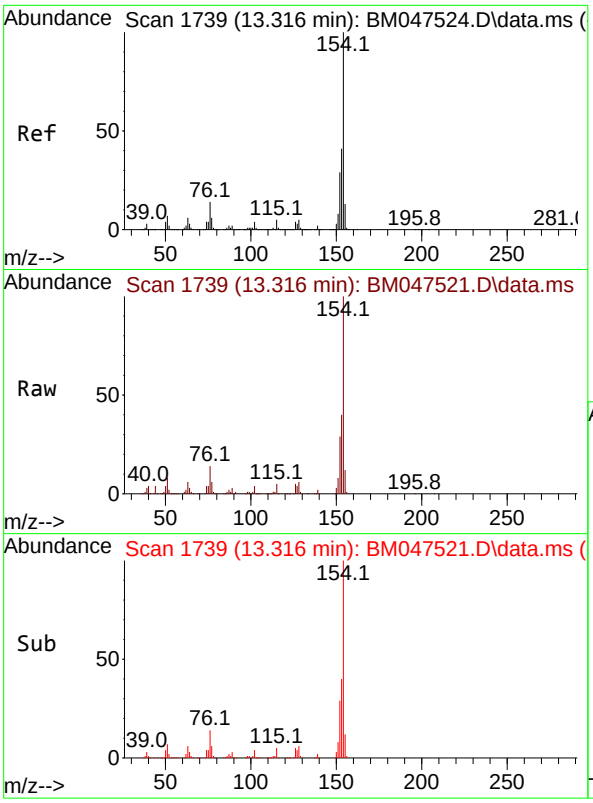


#45
2-Fluorobiphenyl
Concen: 9.167 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:172 Resp: 553330

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	24.5	19.4	29.0

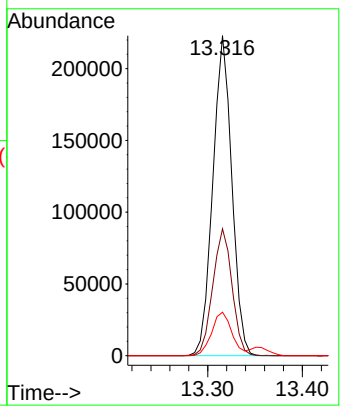




#46
1,1'-Biphenyl
Concen: 4.813 ng
RT: 13.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:154 Resp: 31136

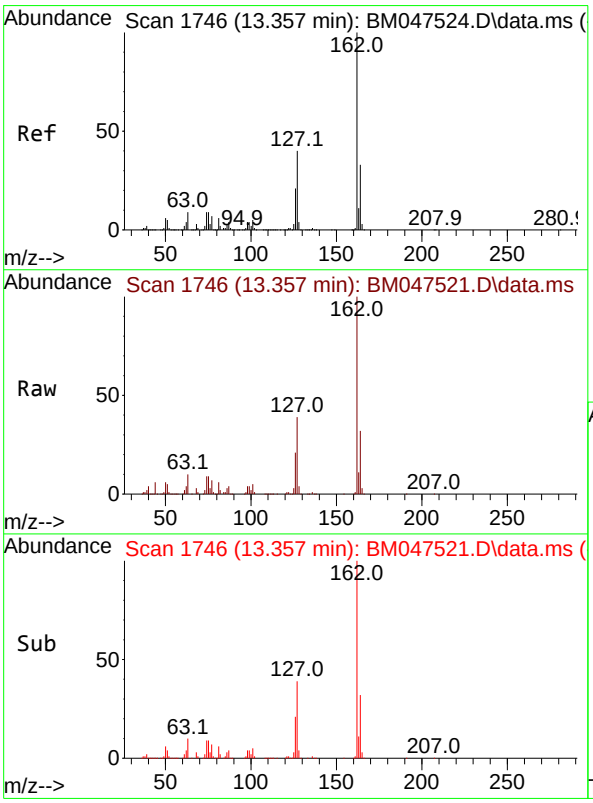
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.6	60.6
76	13.6	0.0	33.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

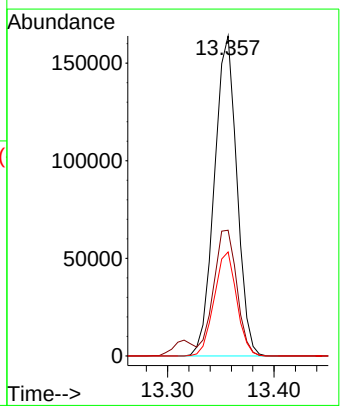
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

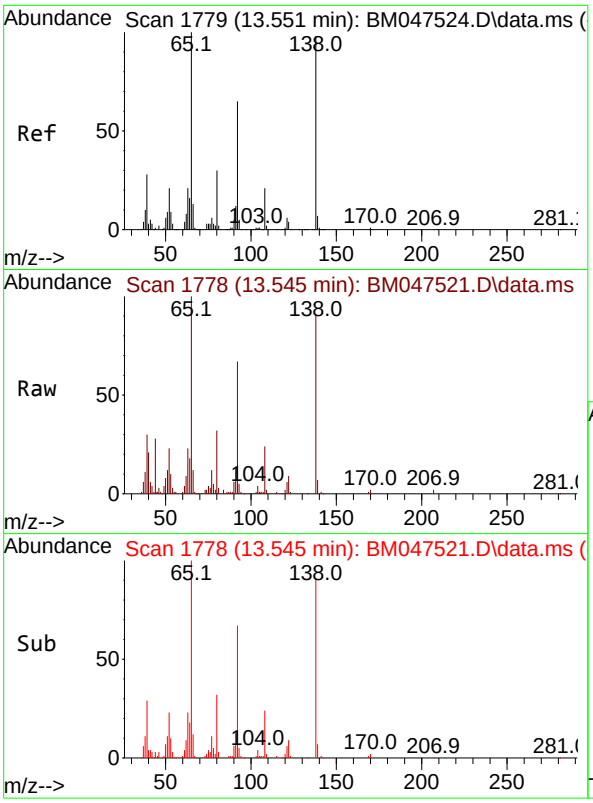


#47
2-Chloronaphthalene
Concen: 4.788 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:162 Resp: 240529

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	32.5	26.3	39.5

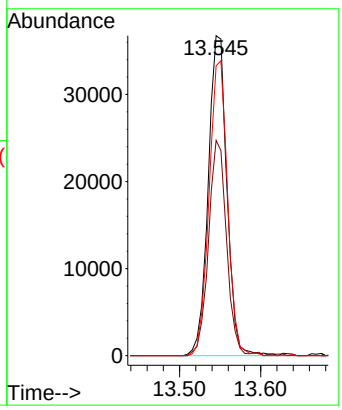




#48
2-Nitroaniline
Concen: 3.970 ng
RT: 13.545 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 65 Resp: 5857

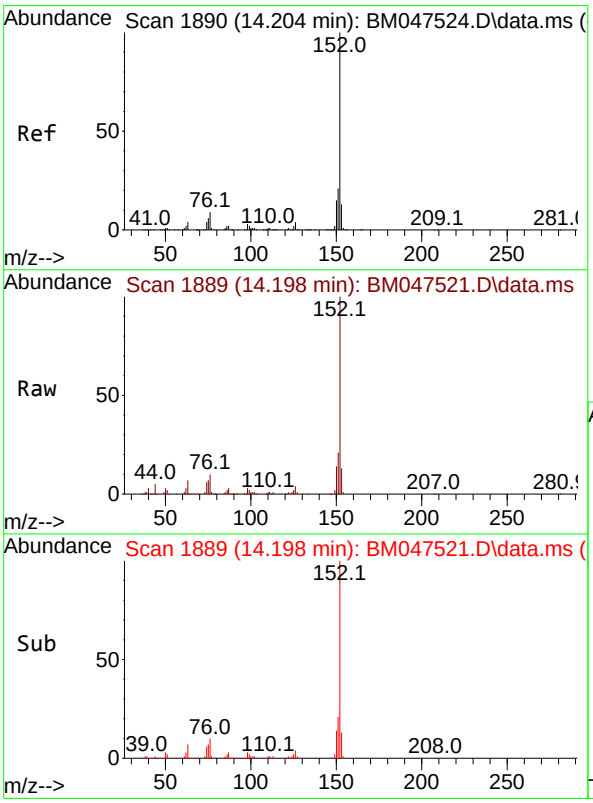
Ion	Ratio	Lower	Upper
65	100		
92	67.2	51.9	77.9
138	90.6	78.5	117.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

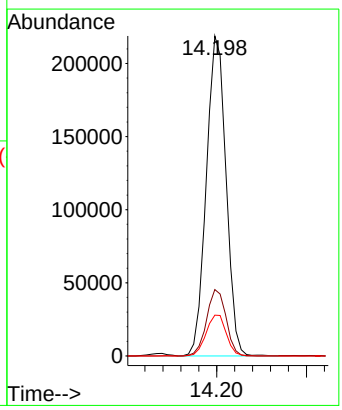
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

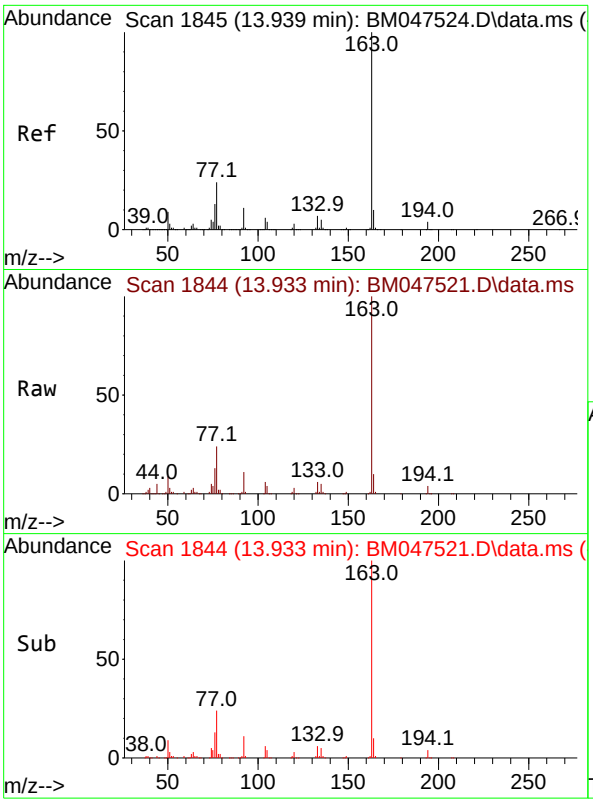


#49
Acenaphthylene
Concen: 4.607 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:152 Resp: 333972

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	12.8	10.4	15.6

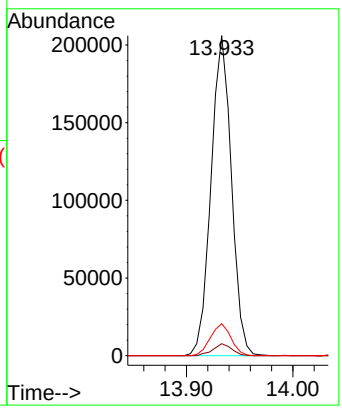




#50
Dimethylphthalate
Concen: 4.825 ng
RT: 13.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:163 Resp: 27346

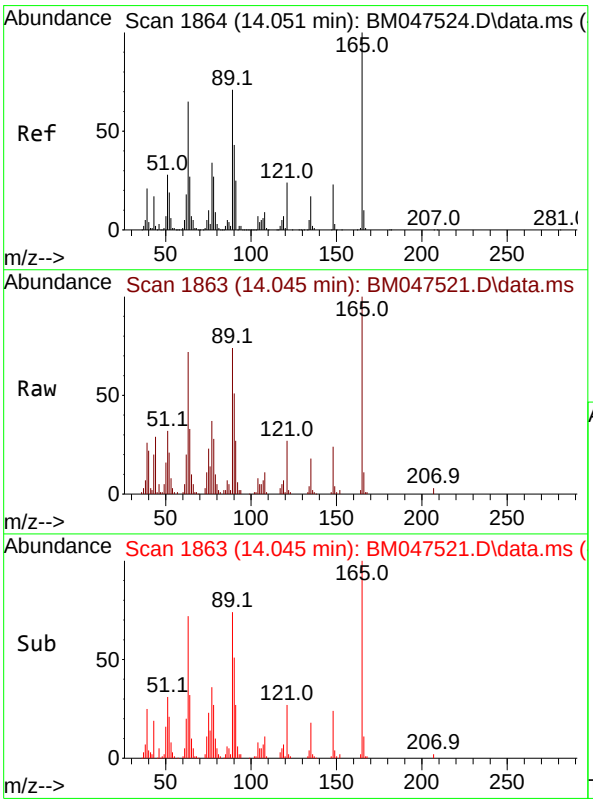
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.0	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

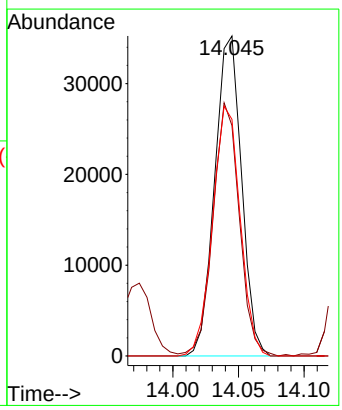
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

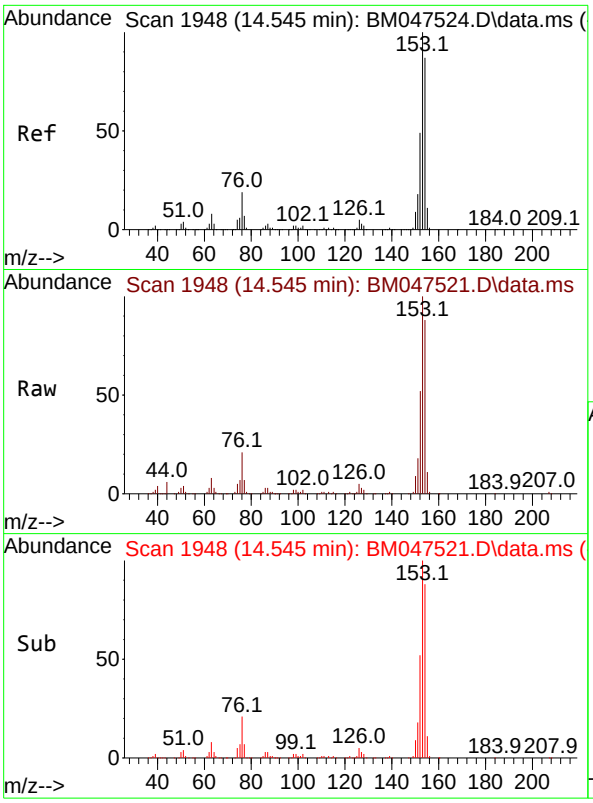


#51
2,6-Dinitrotoluene
Concen: 4.193 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:165 Resp: 50163

Ion	Ratio	Lower	Upper
165	100		
63	72.0	54.2	81.2
89	74.0	56.4	84.6

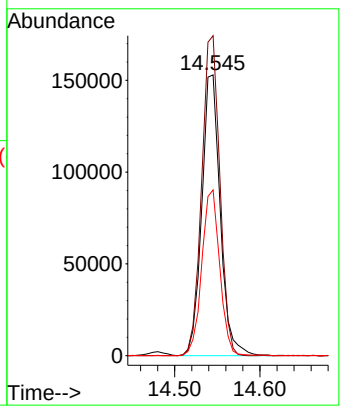




#52
Acenaphthene
Concen: 4.535 ng
RT: 14.545 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:154 Resp: 23033

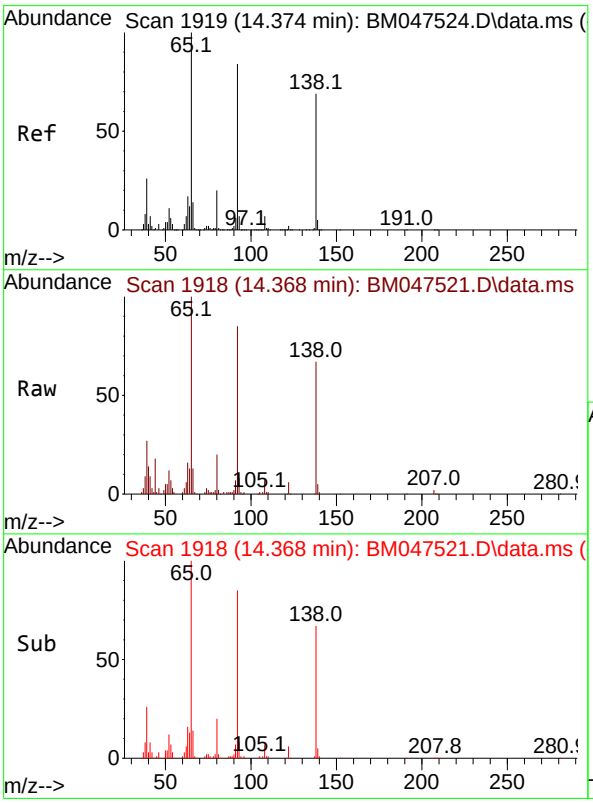
Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.2	138.2
152	59.0	45.4	68.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

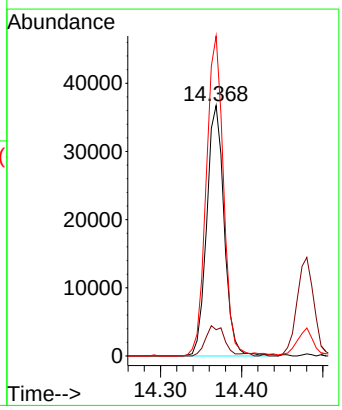
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

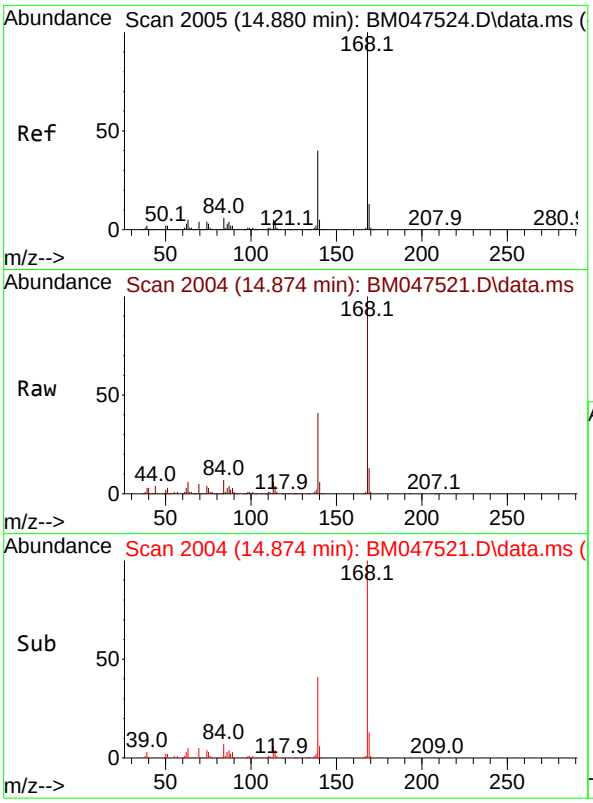


#53
3-Nitroaniline
Concen: 4.116 ng
RT: 14.368 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:138 Resp: 54733

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	127.8	97.4	146.0

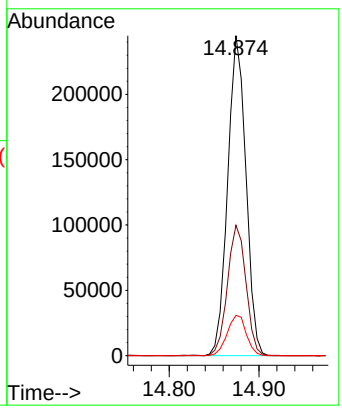




#55
Dibenzofuran
Concen: 4.832 ng
RT: 14.874 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:168 Resp: 34485

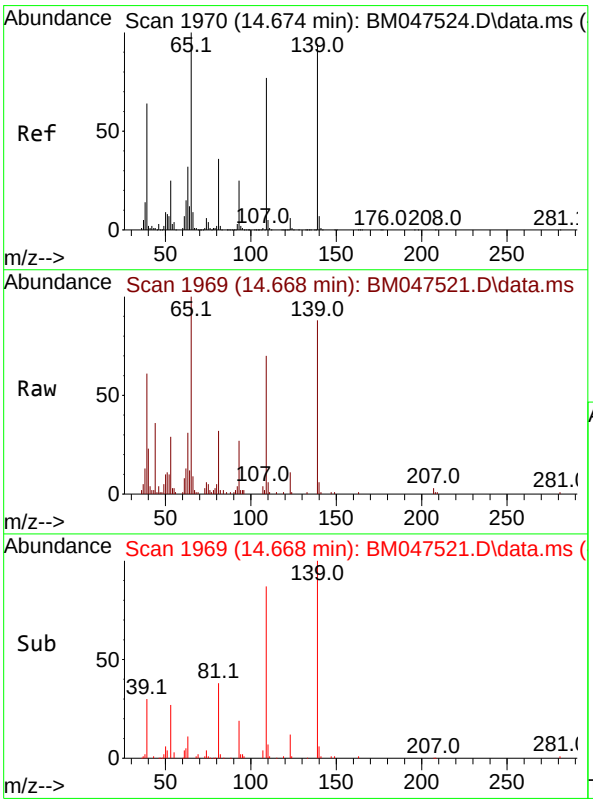
Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.9	47.9
169	12.6	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

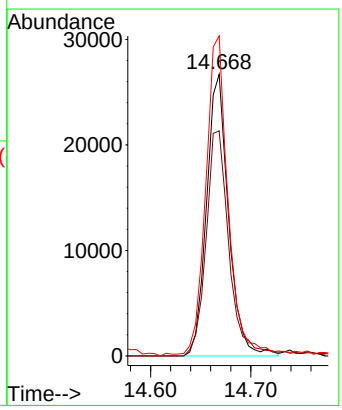
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

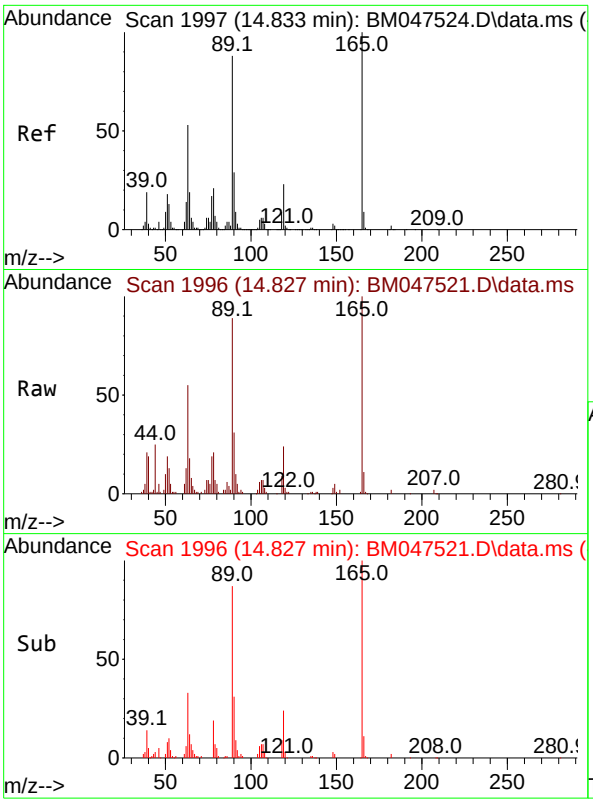


#56
4-Nitrophenol
Concen: 3.711 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:139 Resp: 40611

Ion	Ratio	Lower	Upper
139	100		
109	79.9	62.0	102.0
65	113.6	87.0	127.0

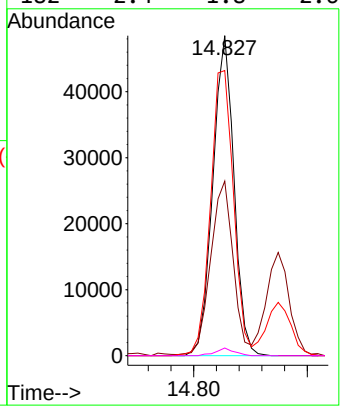




#57
2,4-Dinitrotoluene
Concen: 3.931 ng
RT: 14.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:165 Resp: 6272

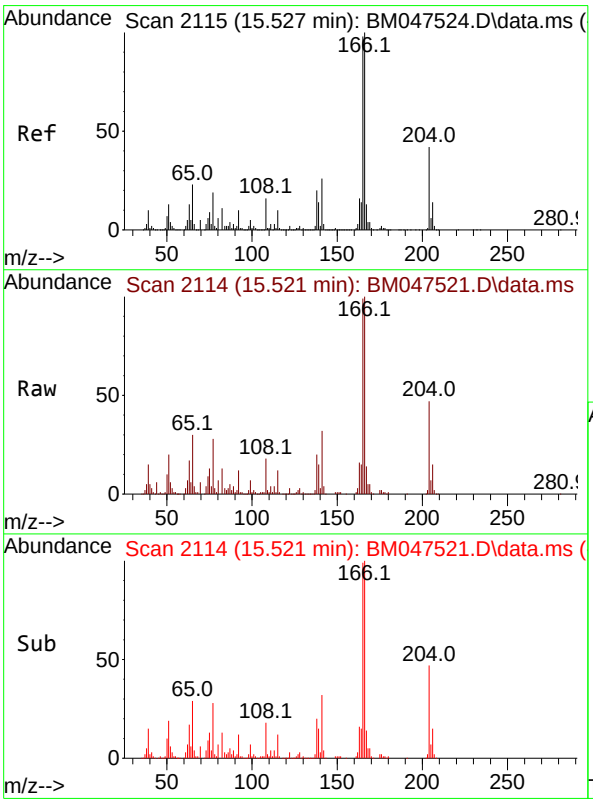
Ion	Ratio	Lower	Upper
165	100		
63	54.5	42.4	63.6
89	89.1	70.5	105.7
182	2.4	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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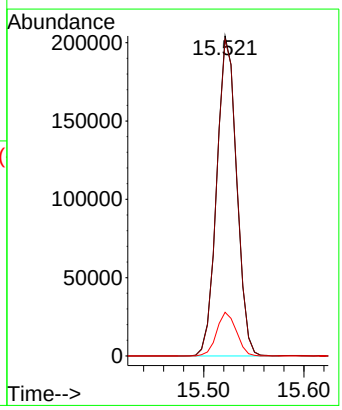
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

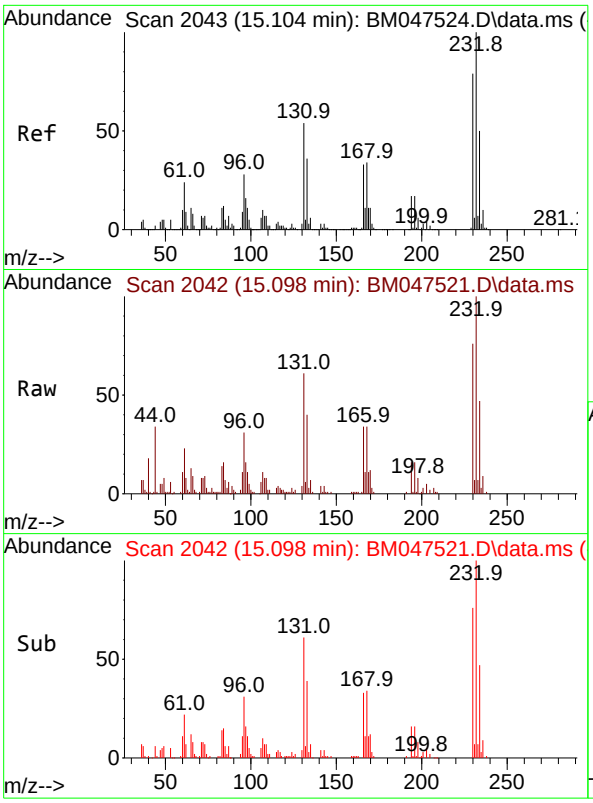


#58
Fluorene
Concen: 4.366 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:166 Resp: 280576

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.6	10.7	16.1

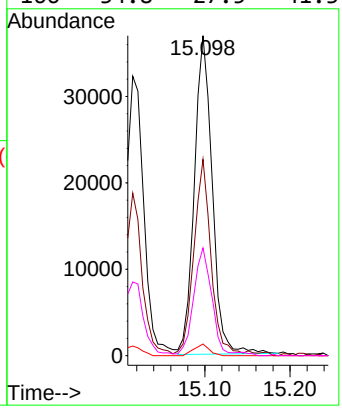




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.335 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:232 Resp: 5381

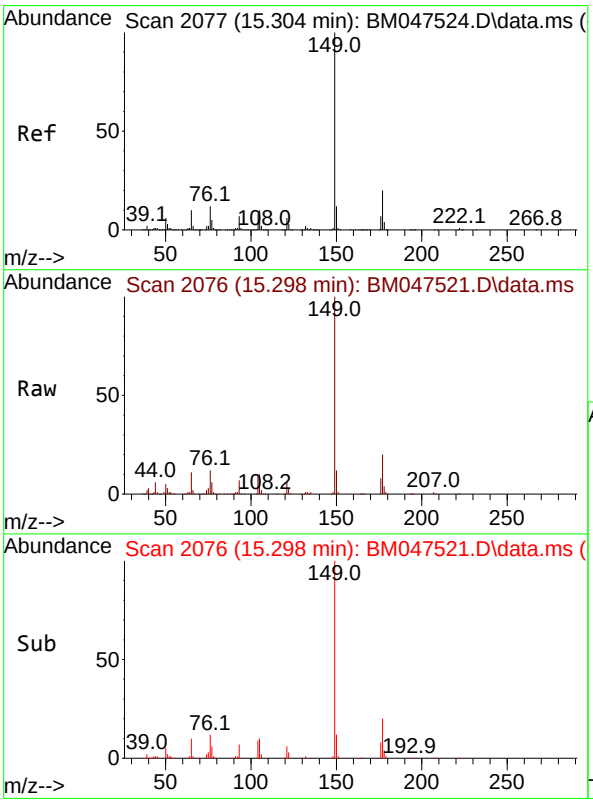
Ion	Ratio	Lower	Upper
232	100		
131	57.3	47.0	70.4
130	3.1	2.6	3.8
166	34.8	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

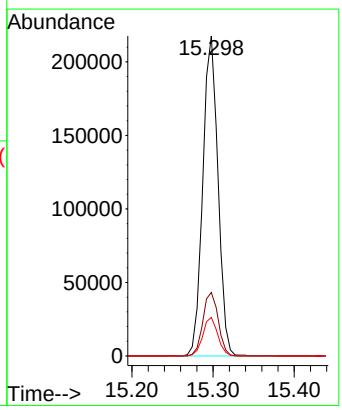
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

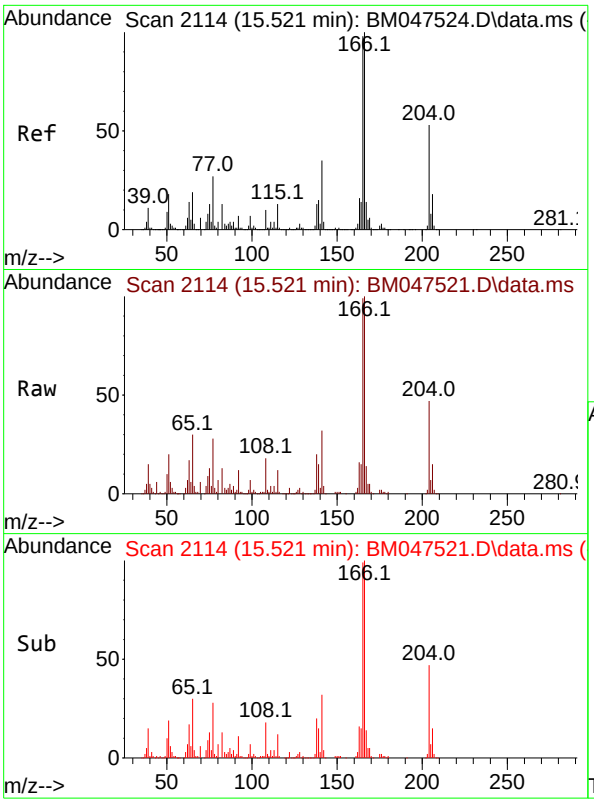


#60
Diethylphthalate
Concen: 4.681 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:149 Resp: 282348

Ion	Ratio	Lower	Upper
149	100		
177	19.9	15.8	23.8
150	12.1	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 4.357 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

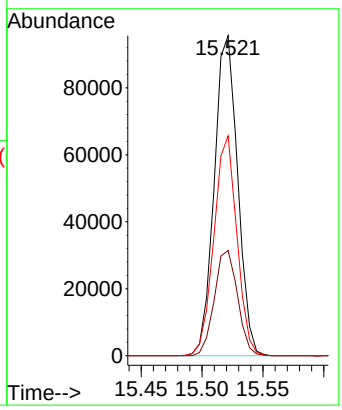
Tgt Ion:204 Resp: 12803

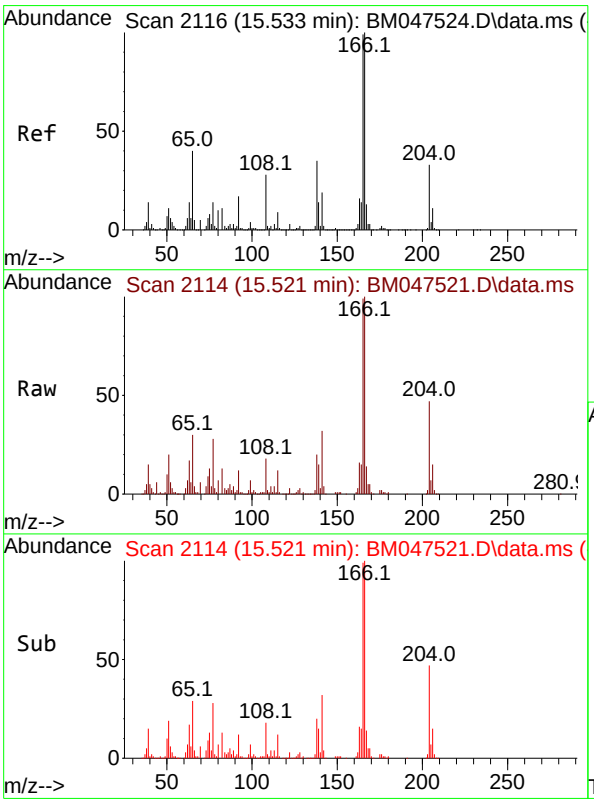
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	68.7	52.1	78.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

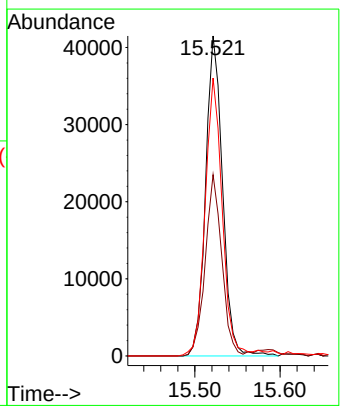


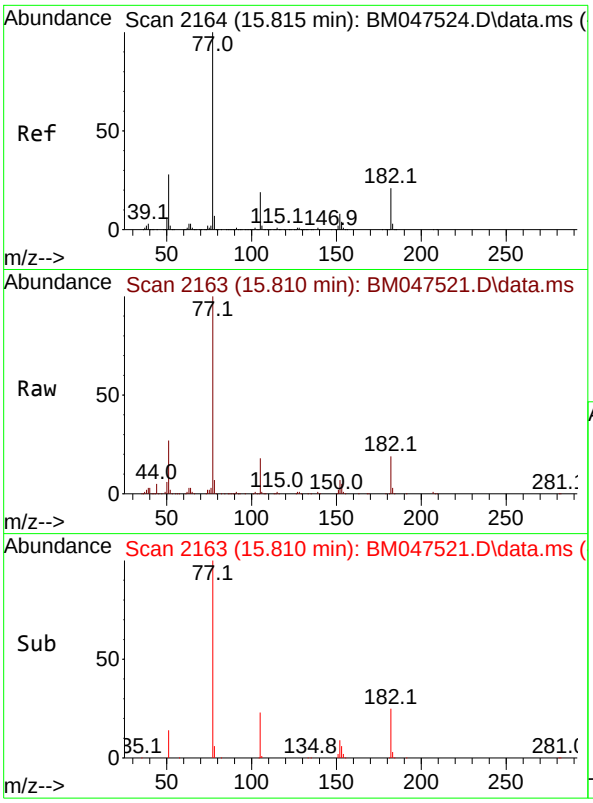


#62
4-Nitroaniline
Concen: 3.667 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:138 Resp: 57319

Ion	Ratio	Lower	Upper
138	100		
92	56.6	30.0	70.0
108	86.9	61.7	101.7

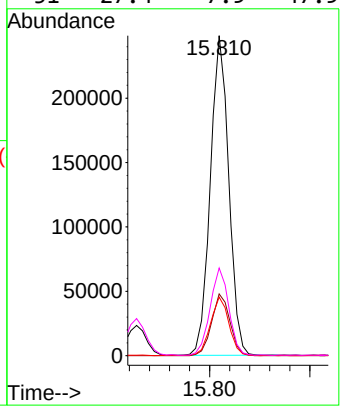




#63
Azobenzene
Concen: 4.777 ng
RT: 15.810 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion: 77 Resp: 31726

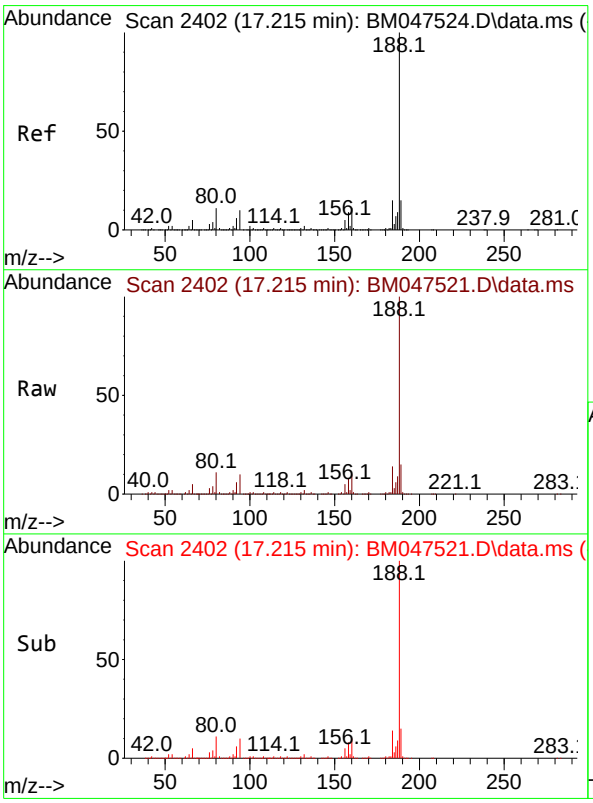
Ion	Ratio	Lower	Upper
77	100		
182	19.3	1.2	41.2
105	18.3	0.0	39.4
51	27.4	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

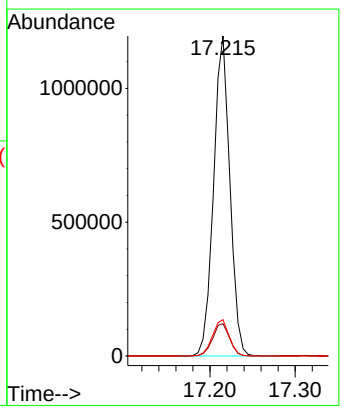
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

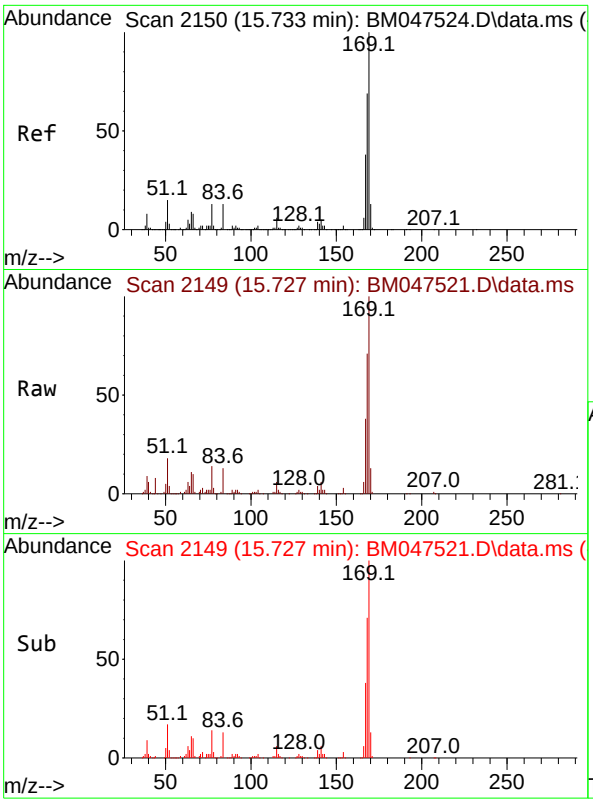


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:188 Resp: 1584025

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	11.3	9.1	13.7

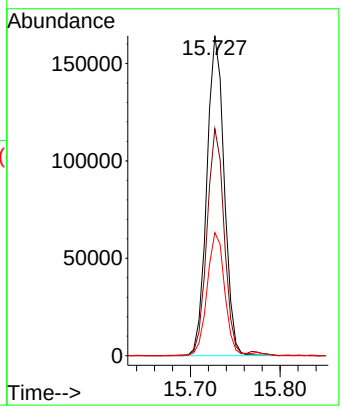




#66
n-Nitrosodiphenylamine
Concen: 4.559 ng
RT: 15.727 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:169 Resp: 22092

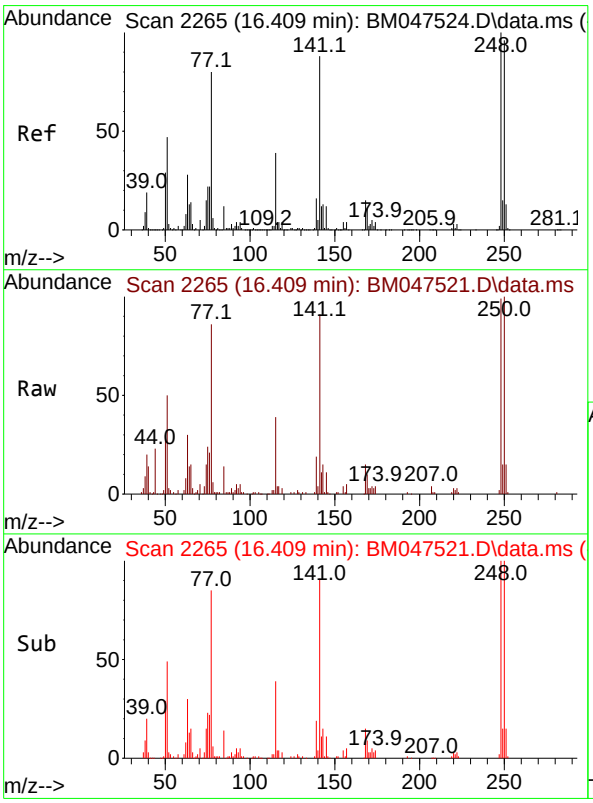
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.3	82.9
167	38.4	30.5	45.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

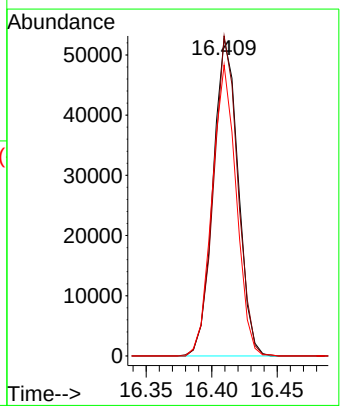
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

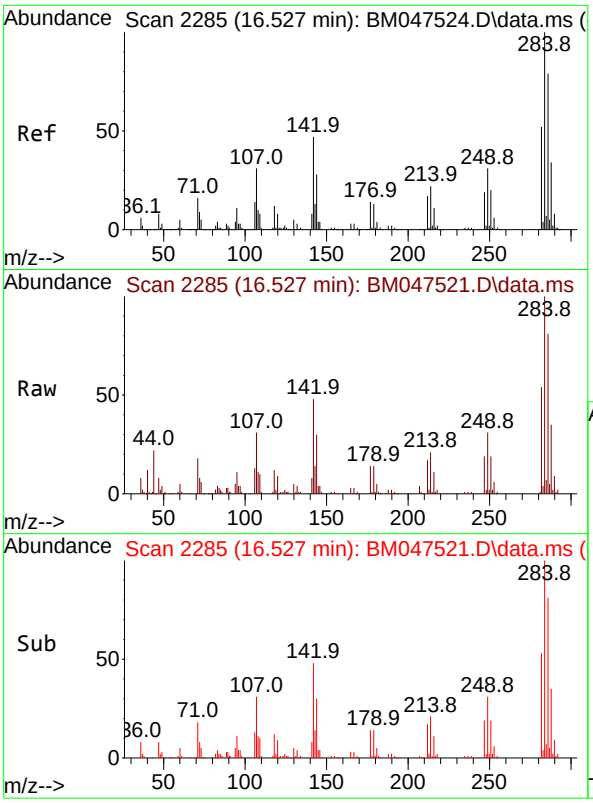


#67
4-Bromophenyl-phenylether
Concen: 4.538 ng
RT: 16.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:248 Resp: 69853

Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.9	115.3
141	91.6	70.8	106.2

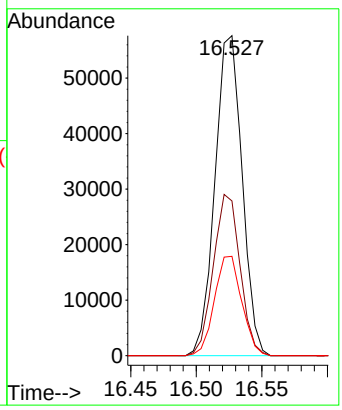




#68
Hexachlorobenzene
Concen: 4.761 ng
RT: 16.527 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:284 Resp: 8301

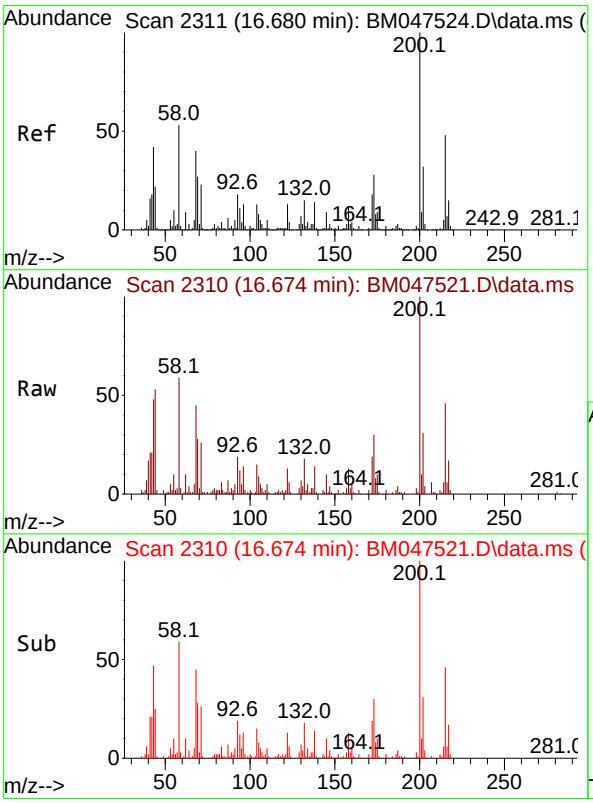
Ion	Ratio	Lower	Upper
284	100		
142	48.3	37.3	55.9
249	31.1	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

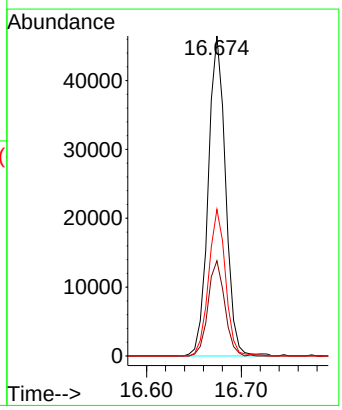
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

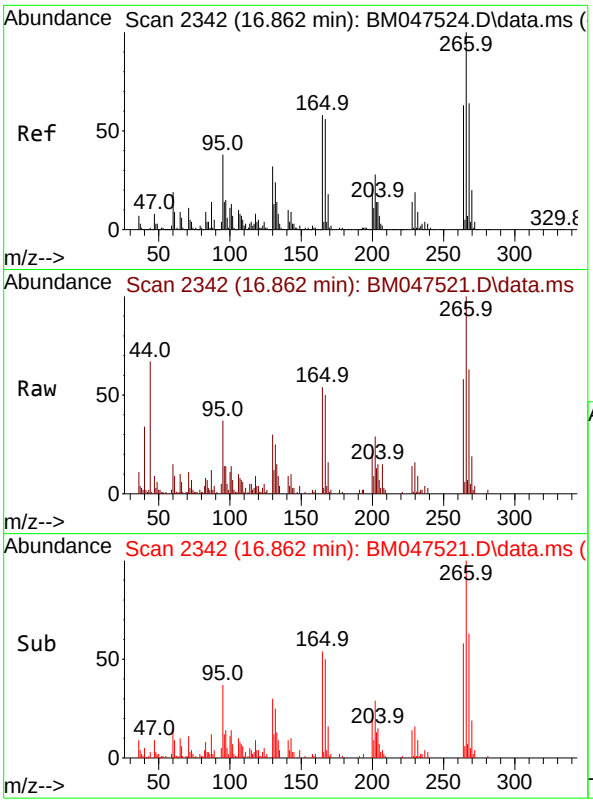


#69
Atrazine
Concen: 4.392 ng
RT: 16.674 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:200 Resp: 58829

Ion	Ratio	Lower	Upper
200	100		
173	29.8	7.7	47.7
215	45.8	27.9	67.9

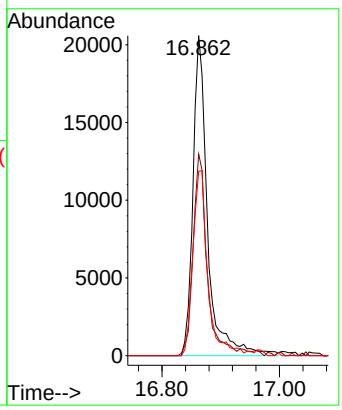




#70
Pentachlorophenol
Concen: 3.517 ng
RT: 16.862 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:266 Resp: 3554

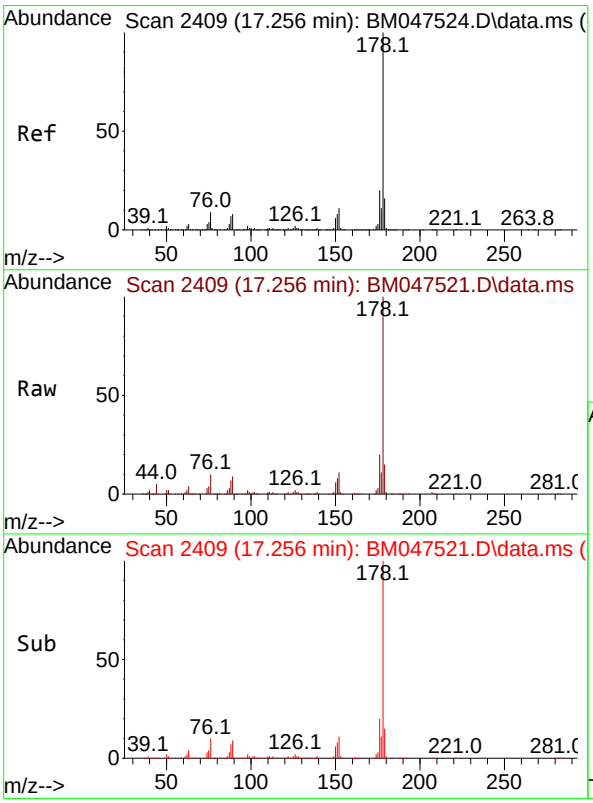
Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.4
264	57.6	50.4	75.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

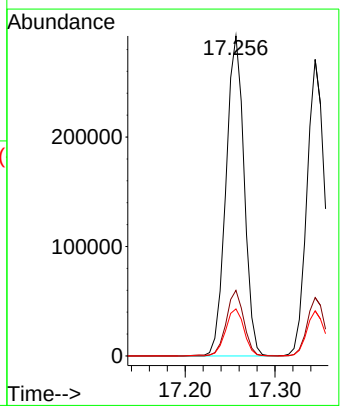
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

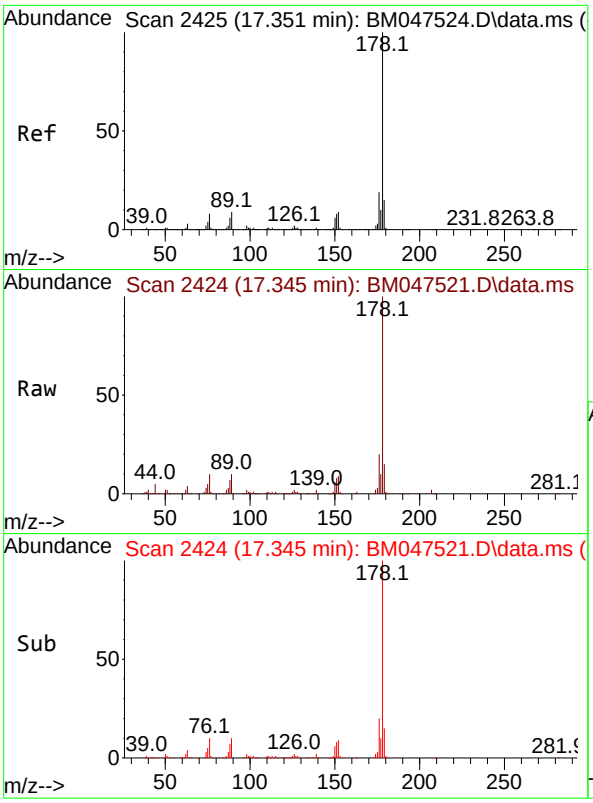


#71
Phenanthrene
Concen: 4.705 ng
RT: 17.256 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:178 Resp: 410689

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	14.7	12.4	18.6

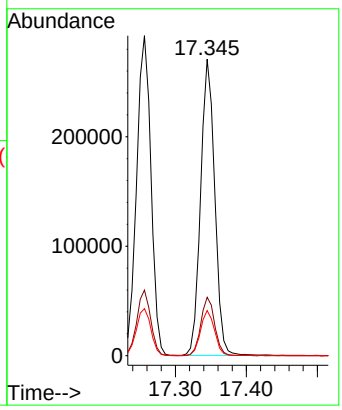




#72
Anthracene
Concen: 4.475 ng
RT: 17.345 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:178 Resp: 37532

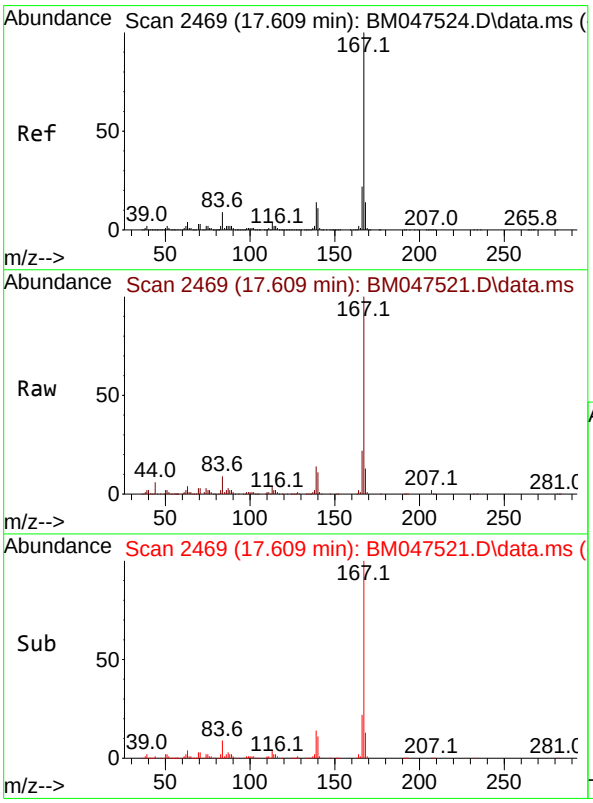
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.2	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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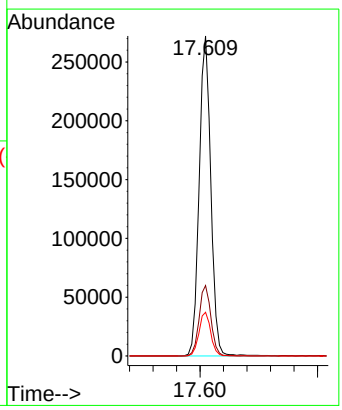
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

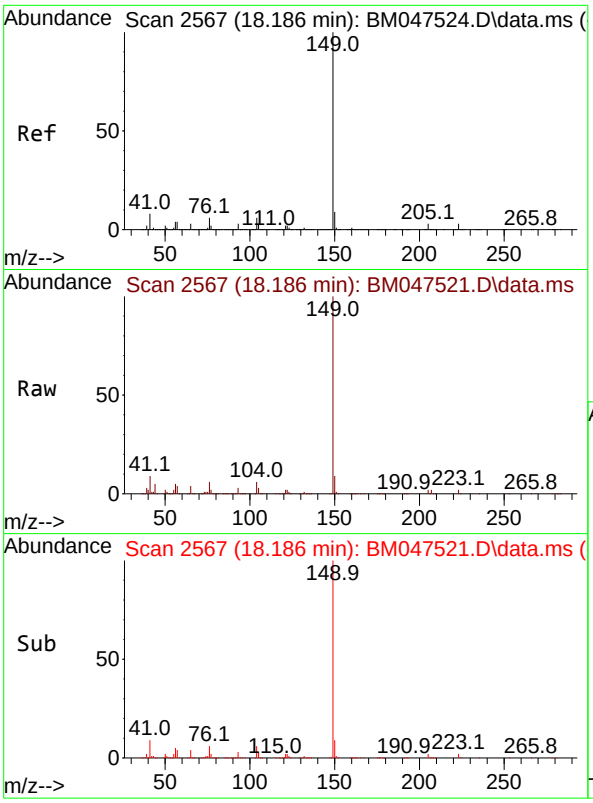


#73
Carbazole
Concen: 4.488 ng
RT: 17.609 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:167 Resp: 373067

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.6	11.0	16.6

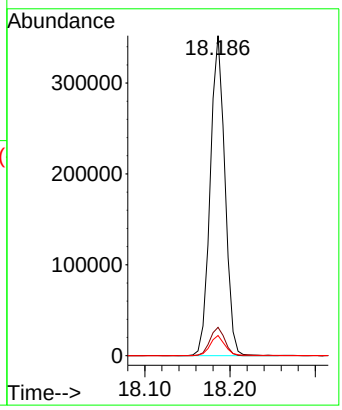




#74
Di-n-butylphthalate
Concen: 4.237 ng
RT: 18.186 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:149 Resp: 42137

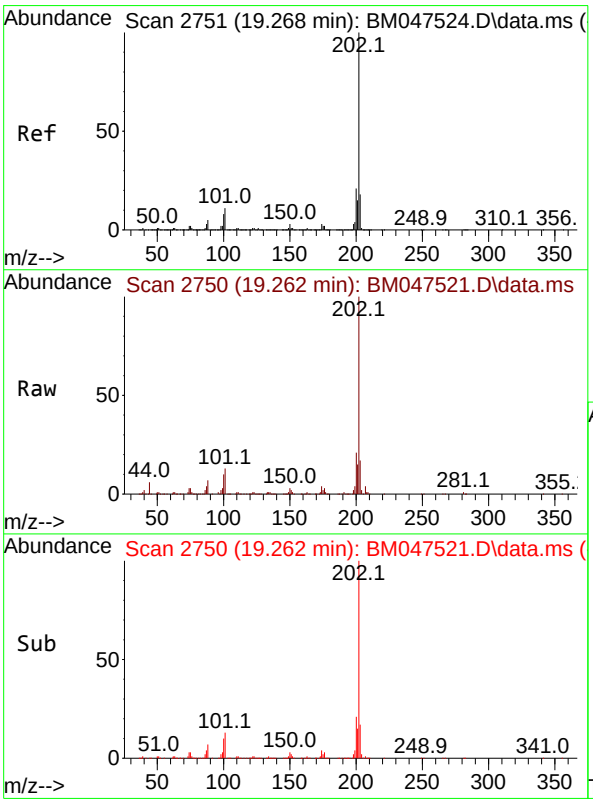
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	6.3	4.6	6.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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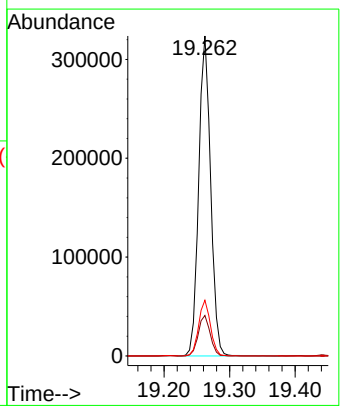
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

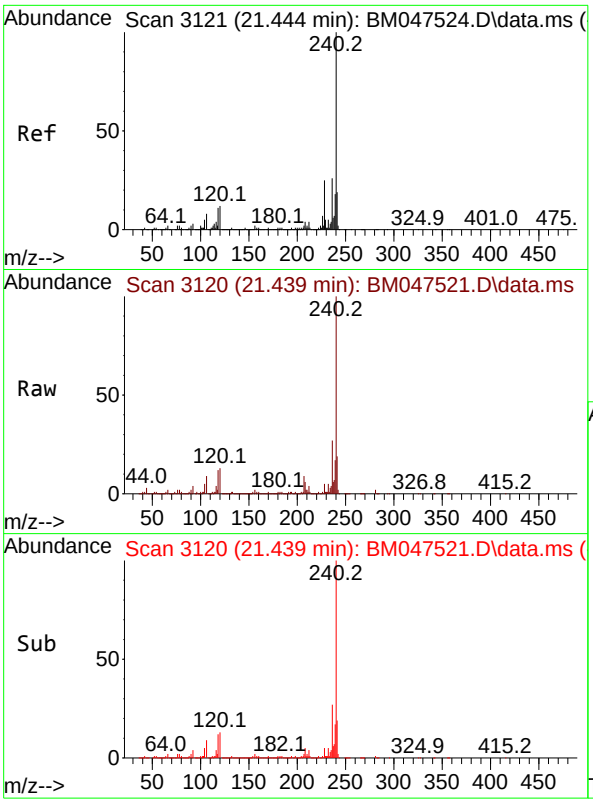


#75
Fluoranthene
Concen: 4.309 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:202 Resp: 410366

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.8
203	17.4	0.0	37.7

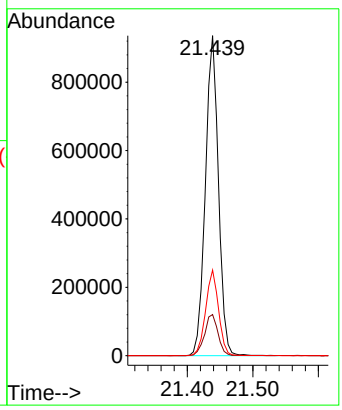




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:240 Resp: 129693

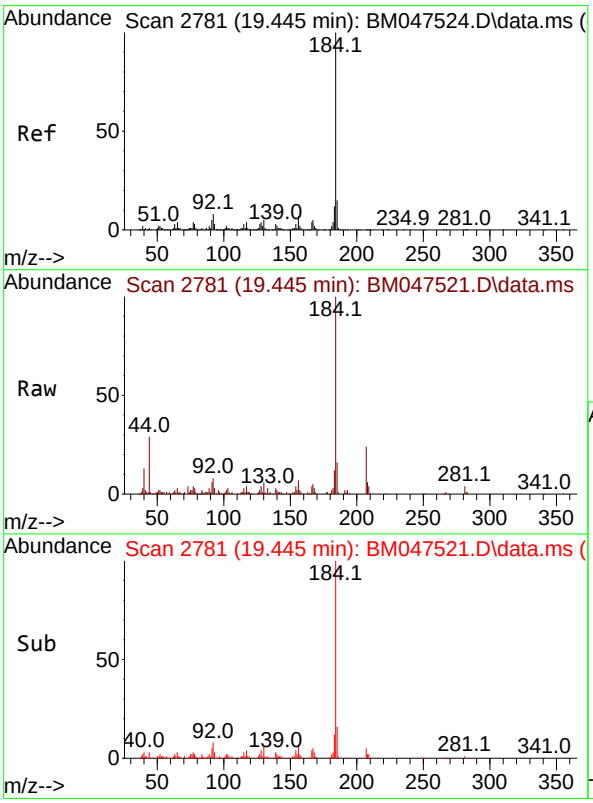
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.6	14.4
236	26.7	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

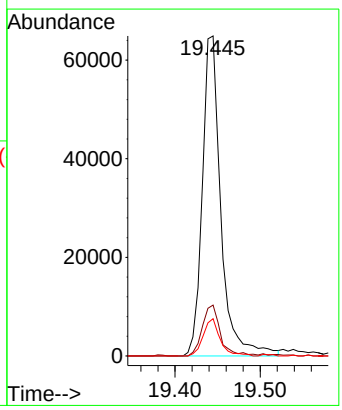
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

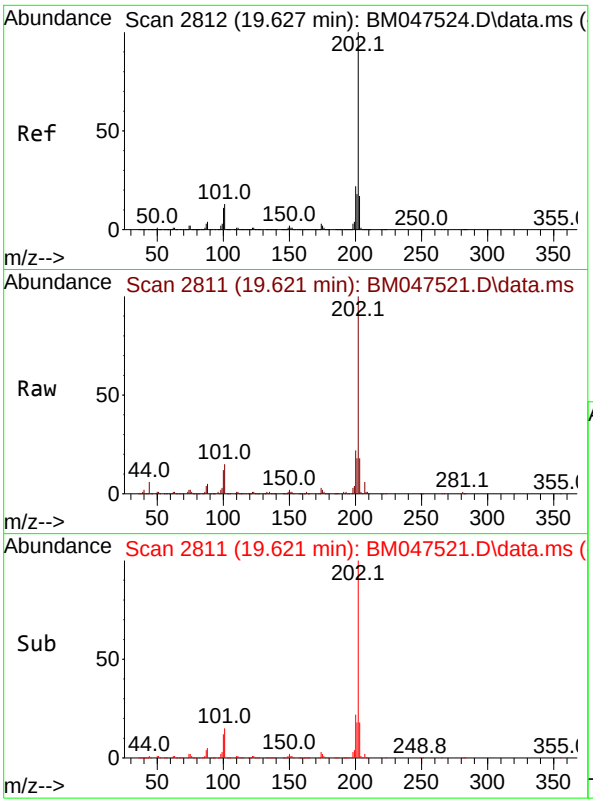


#77
Benzidine
Concen: 5.384 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:184 Resp: 98351

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	11.7	9.6	14.4

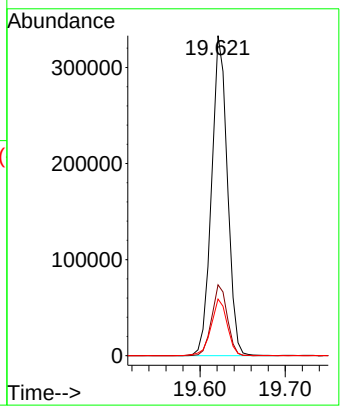




#78
Pyrene
Concen: 4.547 ng
RT: 19.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:202 Resp: 43017

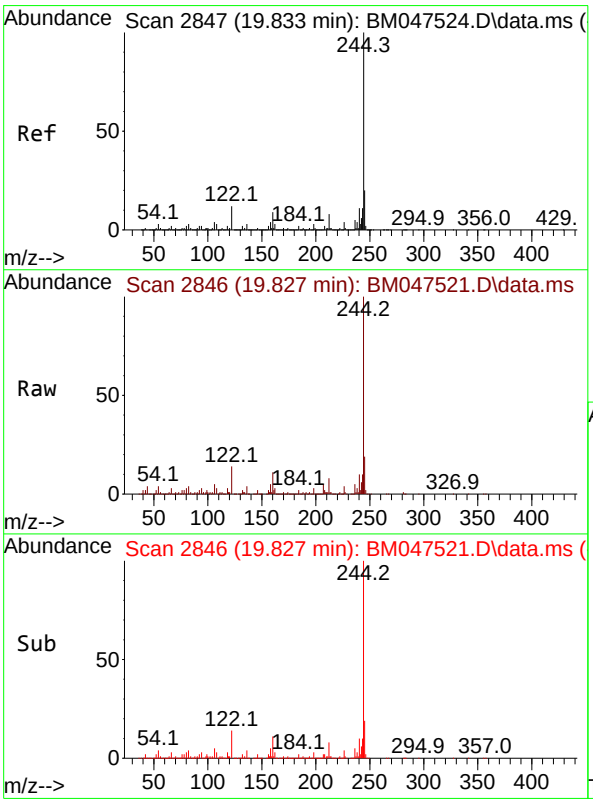
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	17.7	14.0	21.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

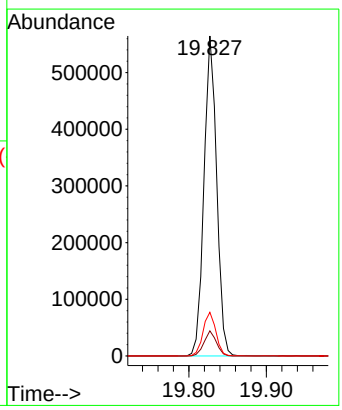
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

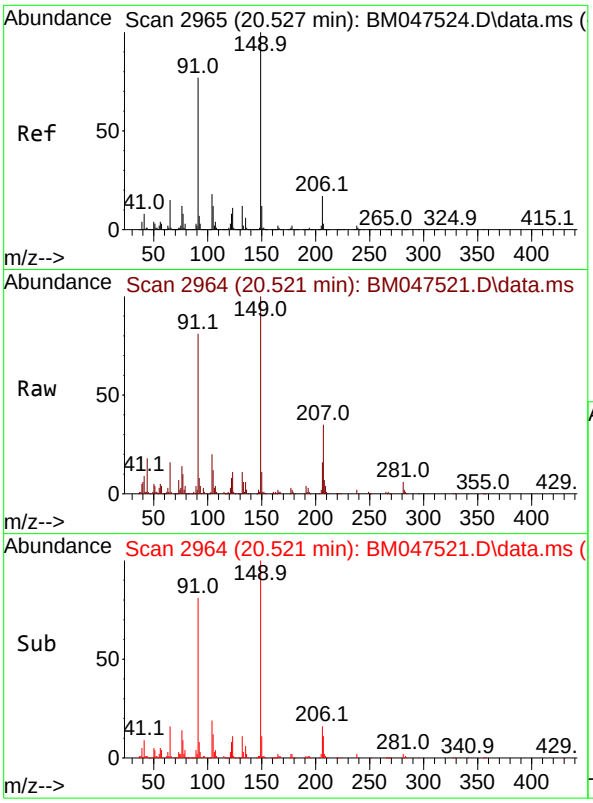


#79
Terphenyl-d14
Concen: 8.858 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:244 Resp: 641133

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.7	9.6	14.4

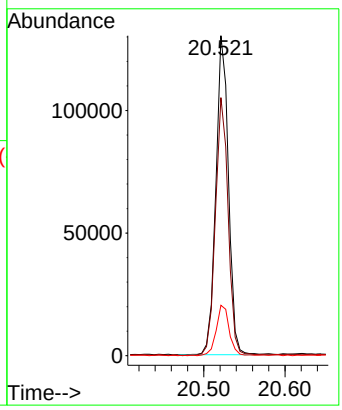




#80
Butylbenzylphthalate
Concen: 3.854 ng
RT: 20.521 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:149 Resp: 14036

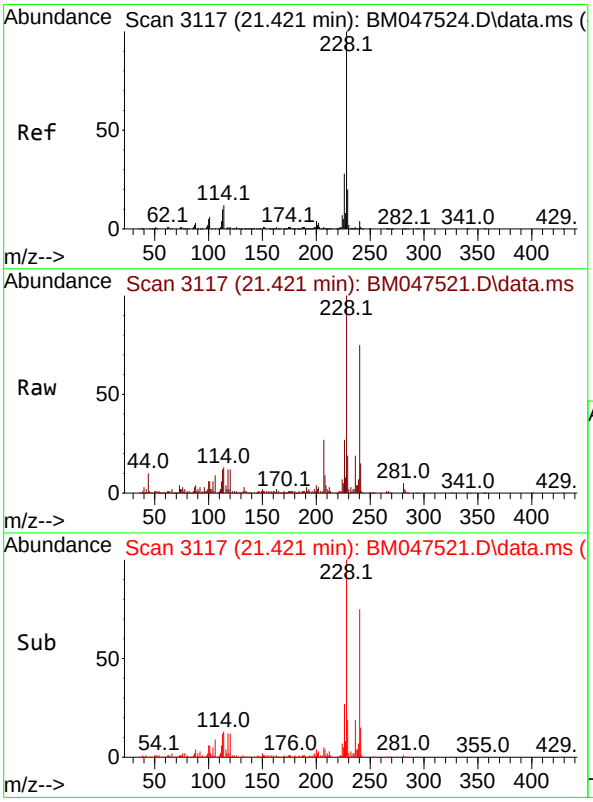
Ion	Ratio	Lower	Upper
149	100		
91	80.6	62.0	93.0
206	15.8	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

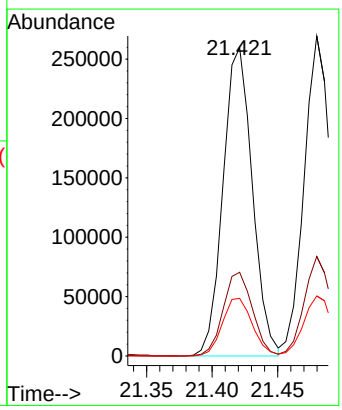
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

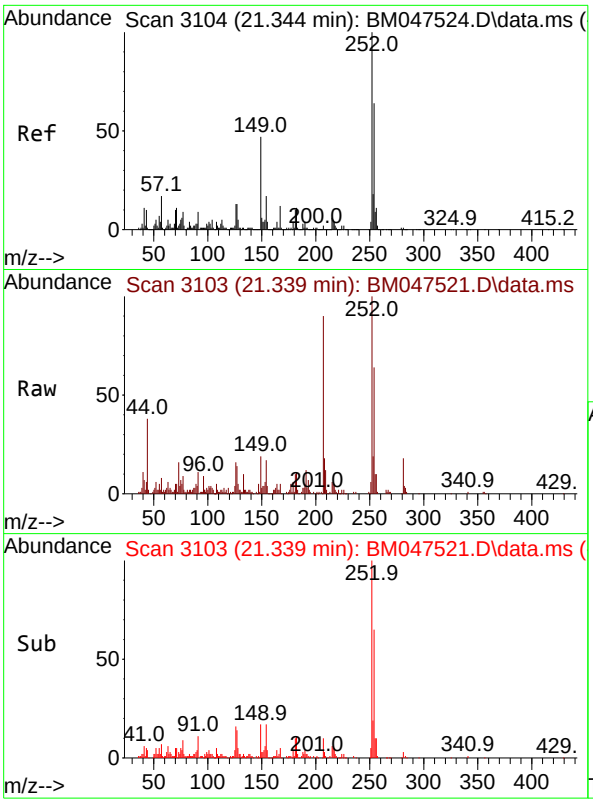


#81
Benzo(a)anthracene
Concen: 4.775 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:228 Resp: 403637

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	18.7	16.0	24.0

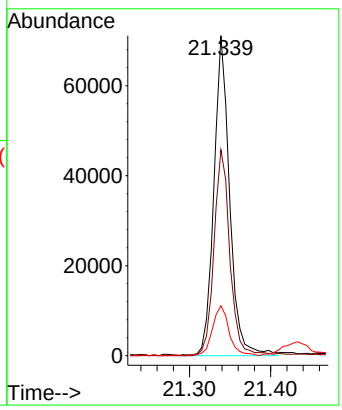




#82
3,3'-Dichlorobenzidine
Concen: 4.277 ng
RT: 21.339 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:252 Resp: 9617

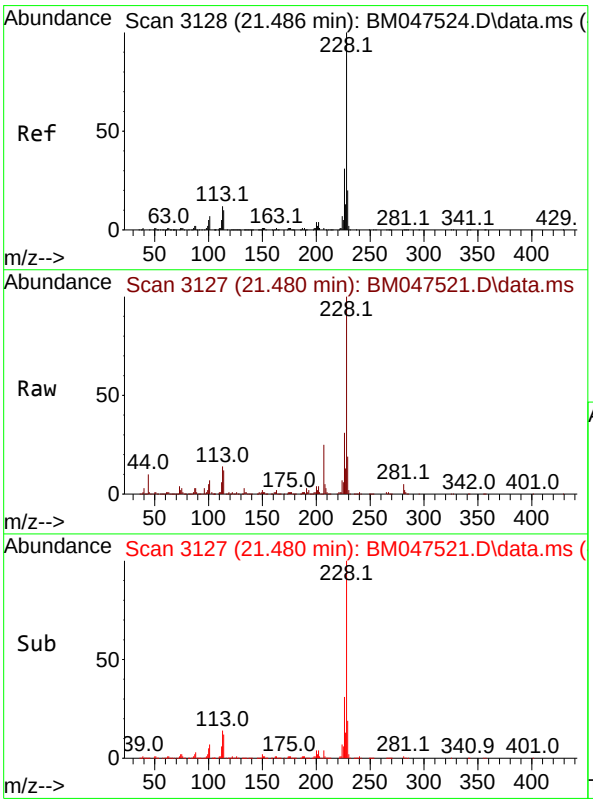
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	15.6	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

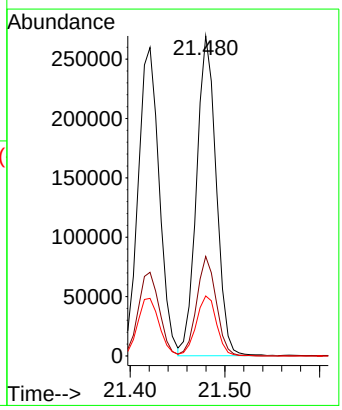
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

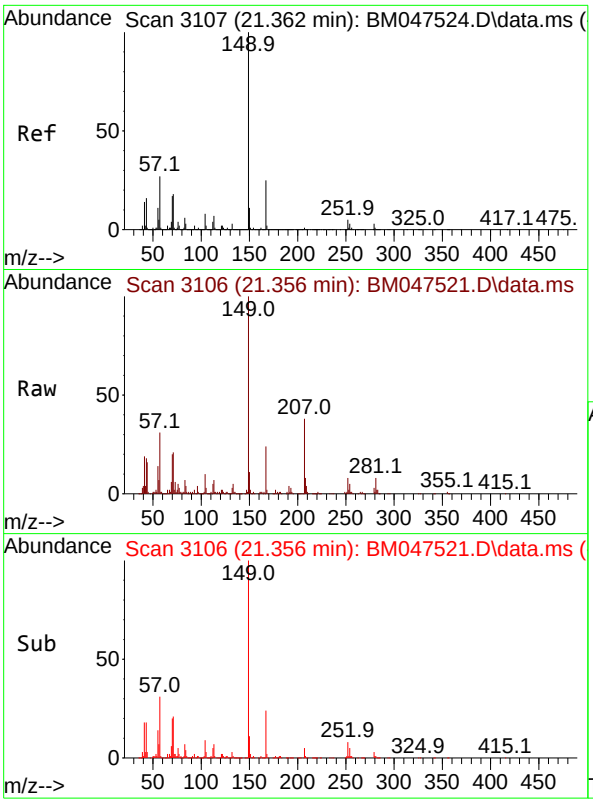


#83
Chrysene
Concen: 4.851 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:228 Resp: 387917

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	18.8	15.9	23.9

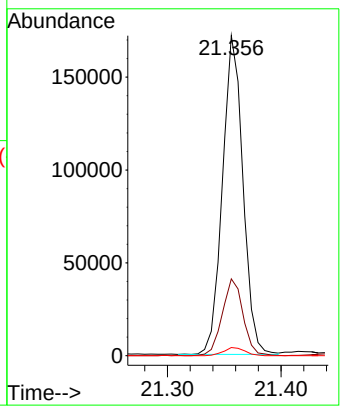




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.767 ng
RT: 21.356 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:149 Resp: 21490

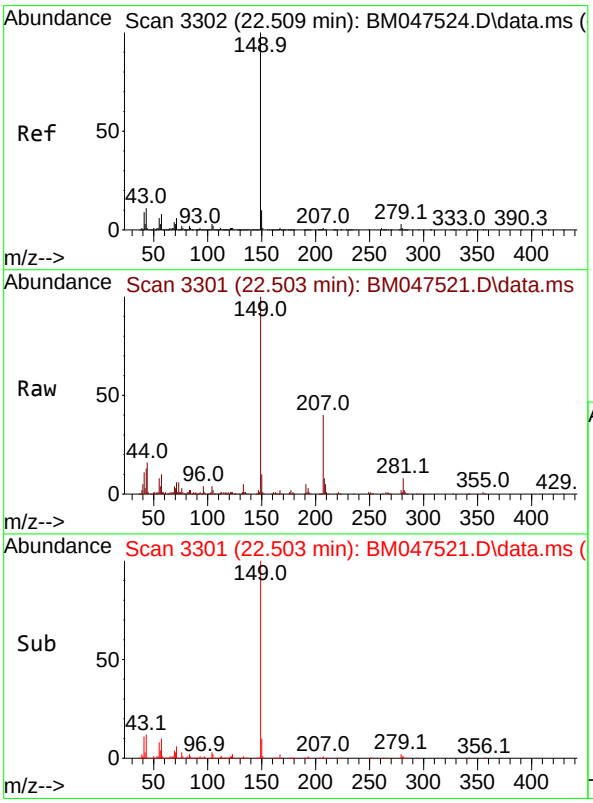
Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.2	30.4
279	2.5	2.6	4.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

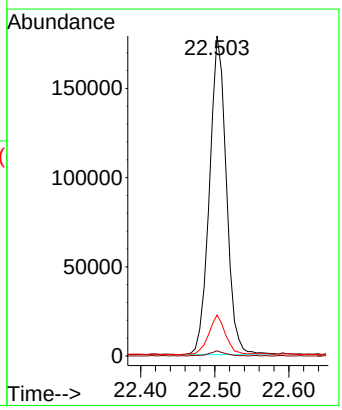
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

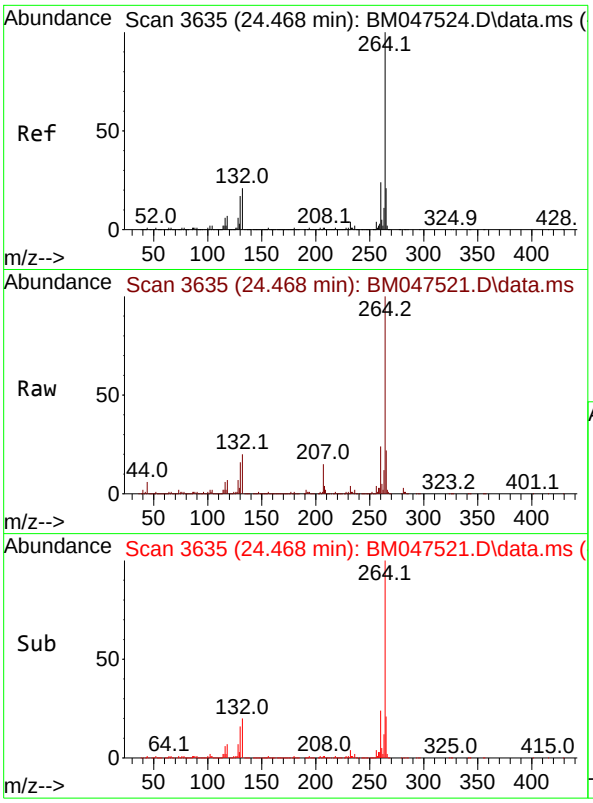


#85
Di-n-octyl phthalate
Concen: 3.506 ng
RT: 22.503 min Scan# 3301
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:149 Resp: 282914

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.3	8.9	13.3

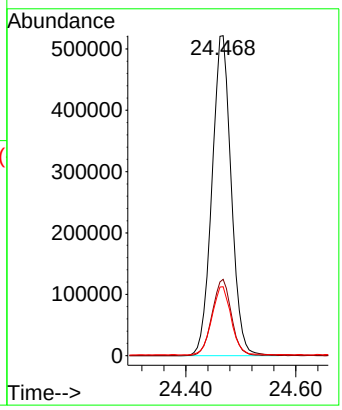




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:264 Resp: 126911

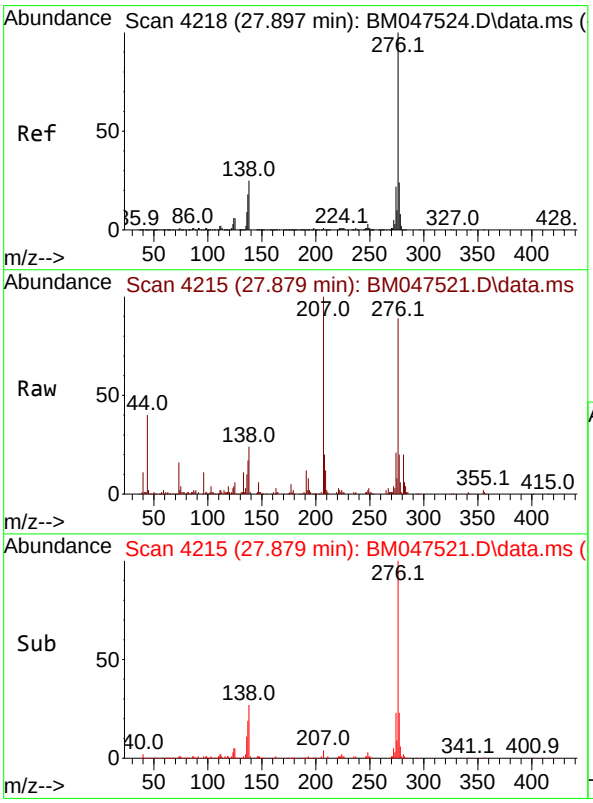
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

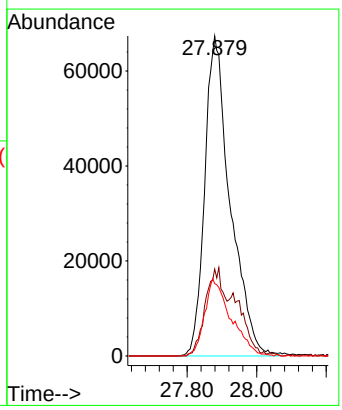
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

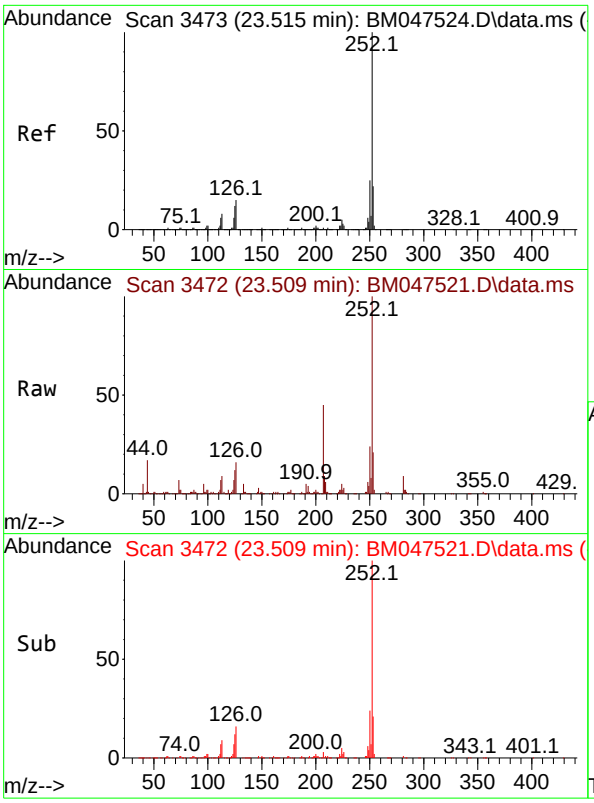


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.507 ng
RT: 27.879 min Scan# 4215
Delta R.T. -0.018 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:276 Resp: 342325

Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.0	37.6#
277	24.9	20.1	30.1

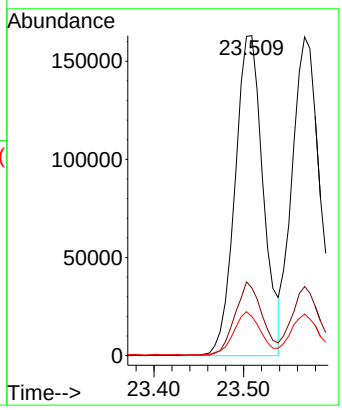




#88
Benzo(b)fluoranthene
Concen: 4.329 ng
RT: 23.509 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:252 Resp: 35548

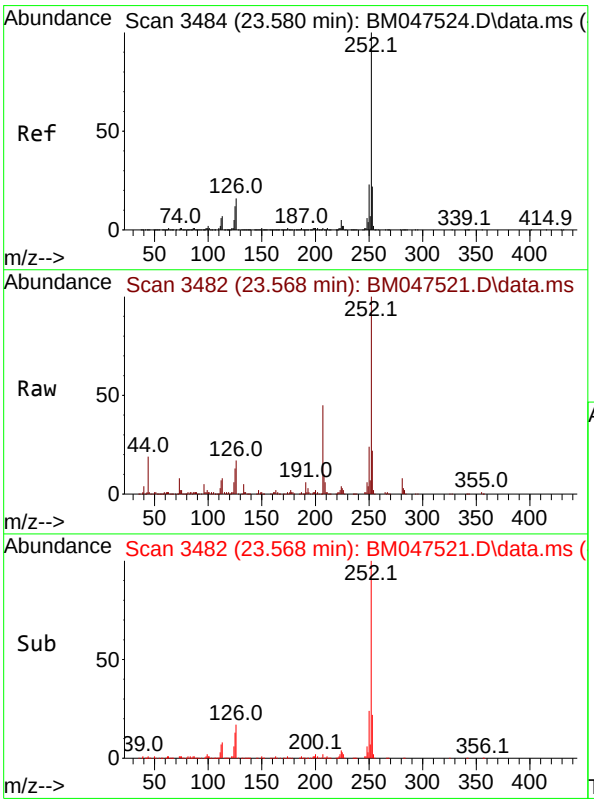
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	12.3	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

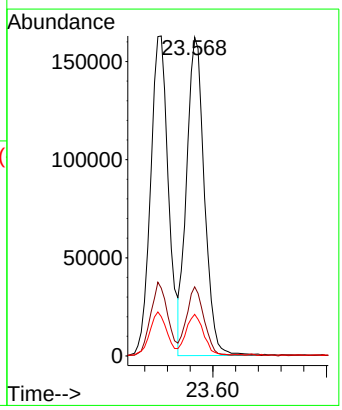
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

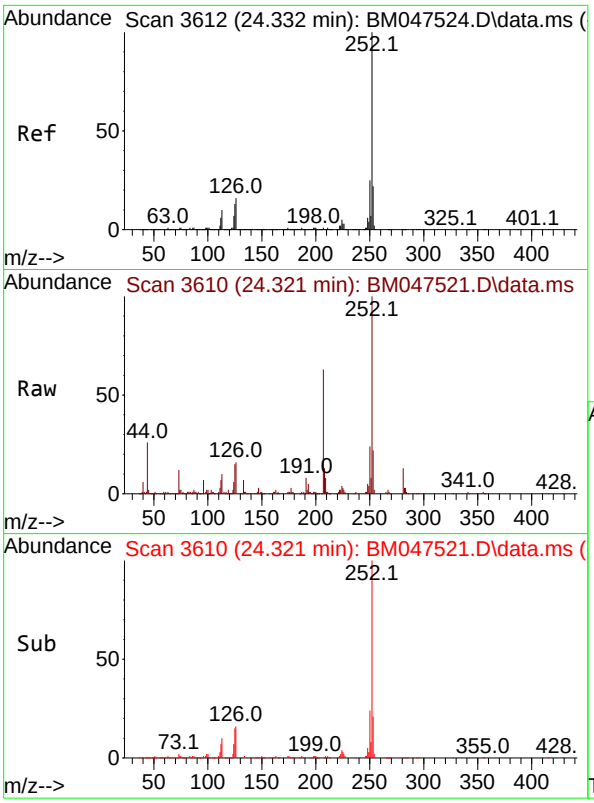


#89
Benzo(k)fluoranthene
Concen: 4.341 ng
RT: 23.568 min Scan# 3482
Delta R.T. -0.012 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:252 Resp: 353260

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	13.1	9.5	14.3

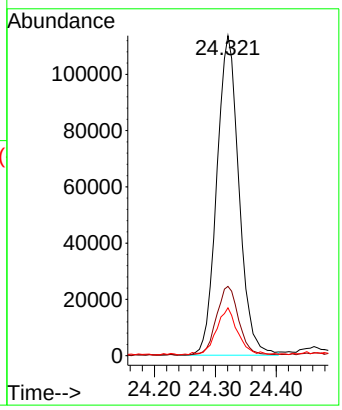




#90
Benzo(a)pyrene
Concen: 4.269 ng
RT: 24.321 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:252 Resp: 28730

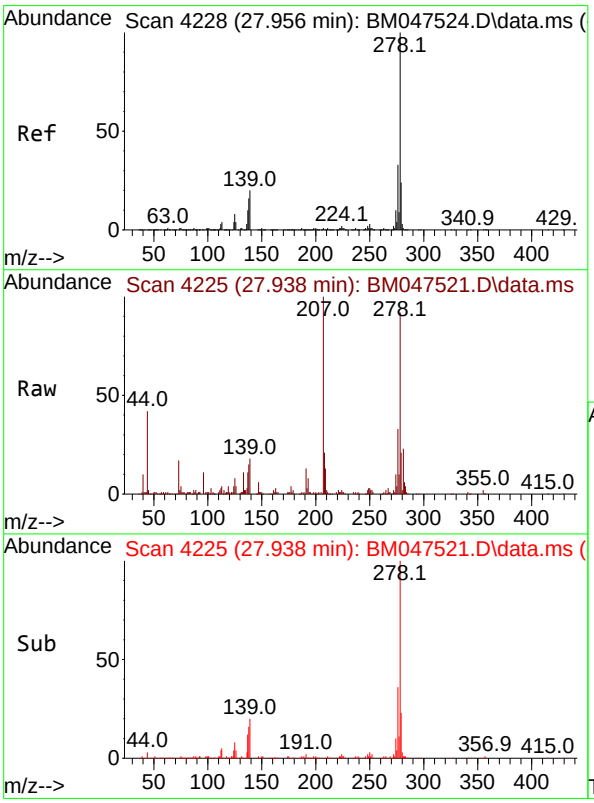
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	15.0	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

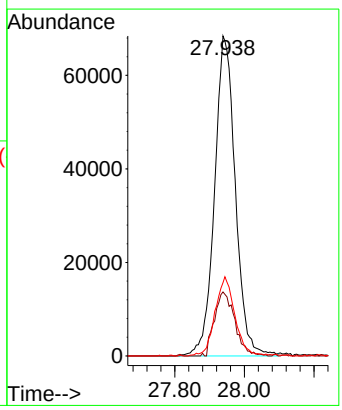
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

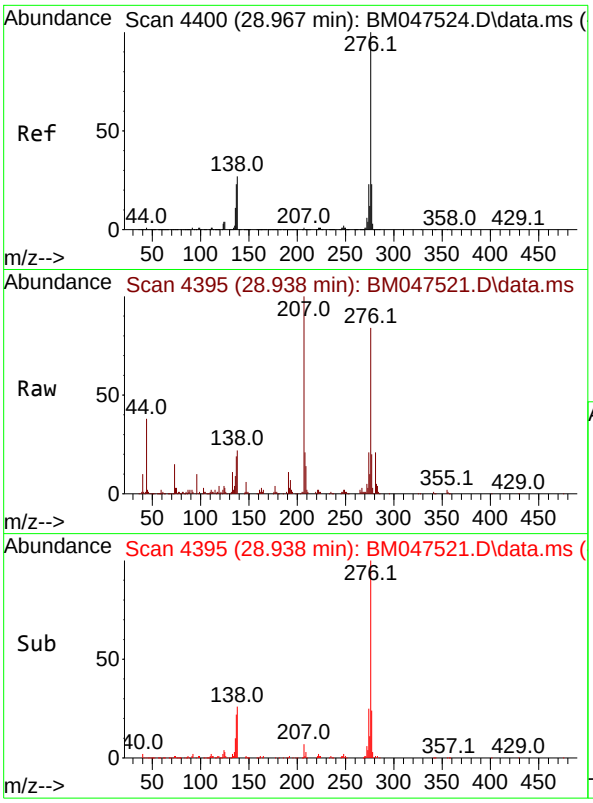


#91
Dibenzo(a,h)anthracene
Concen: 4.441 ng
RT: 27.938 min Scan# 4225
Delta R.T. -0.018 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:278 Resp: 283784

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	22.9	19.3	28.9

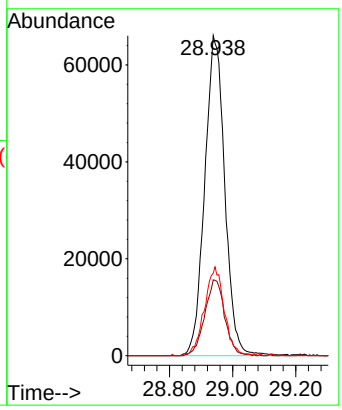




#92
Benzo(g,h,i)perylene
Concen: 4.661 ng
RT: 28.938 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM047521.D
Acq: 14 Sep 2024 12:36

Tgt Ion:276 Resp: 29092

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.8	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047522.D
Acq On : 14 Sep 2024 13:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 08:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	315787	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1384605	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	841449	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1630578	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1372489	20.000	ng	0.00
86) Perylene-d12	24.468	264	1311119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	381501	19.236	ng	0.00
7) Phenol-d6	7.004	99	512647	18.354	ng	0.00
23) Nitrobenzene-d5	8.998	82	532043	19.231	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	134095	16.487	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1089419	17.835	ng	0.00
79) Terphenyl-d14	19.827	244	1423577	18.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	88309	10.396	ng	97
3) Pyridine	3.716	79	251409	9.945	ng	98
4) n-Nitrosodimethylamine	3.628	42	115291	10.049	ng	# 96
6) Aniline	7.169	93	241475	9.752	ng	99
8) 2-Chlorophenol	7.410	128	208605	9.541	ng	97
9) Benzaldehyde	6.987	77	155621m	11.718	ng	
10) Phenol	7.034	94	265092	9.479	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	223062	9.935	ng	99
12) 1,3-Dichlorobenzene	7.740	146	238748	9.976	ng	99
13) 1,4-Dichlorobenzene	7.887	146	242297	9.940	ng	98
14) 1,2-Dichlorobenzene	8.204	146	235510	9.818	ng	99
15) Benzyl Alcohol	8.081	79	173167	9.153	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.381	45	320677	10.153	ng	98
17) 2-Methylphenol	8.287	107	169473	9.486	ng	97
18) Hexachloroethane	8.934	117	95755	9.834	ng	99
19) n-Nitroso-di-n-propyla...	8.651	70	182215	9.676	ng	99
20) 3+4-Methylphenols	8.610	107	235709	9.455	ng	99
22) Acetophenone	8.663	105	352718	9.690	ng	98
24) Nitrobenzene	9.039	77	281172	9.890	ng	97
25) Isophorone	9.575	82	470185	9.667	ng	99
26) 2-Nitrophenol	9.757	139	80470	8.306	ng	97
27) 2,4-Dimethylphenol	9.816	122	140049	9.537	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	301673	9.874	ng	97
29) 2,4-Dichlorophenol	10.286	162	168270	9.019	ng	95
30) 1,2,4-Trichlorobenzene	10.510	180	204663	9.576	ng	99
31) Naphthalene	10.698	128	721252	9.645	ng	100
32) Benzoic acid	9.881	122	86588m	11.758	ng	
33) 4-Chloroaniline	10.798	127	258393	9.557	ng	98
34) Hexachlorobutadiene	10.992	225	114671	9.687	ng	97
35) Caprolactam	11.545	113	54845m	8.924	ng	
36) 4-Chloro-3-methylphenol	11.916	107	196835	9.206	ng	100
37) 2-Methylnaphthalene	12.304	142	465005	9.343	ng	99
38) 1-Methylnaphthalene	12.527	142	464087	9.383	ng	100
40) 1,2,4,5-Tetrachloroben...	12.675	216	206736	9.080	ng	99
41) Hexachlorocyclopentadiene	12.663	237	68457	9.197	ng	98
43) 2,4,6-Trichlorophenol	12.910	196	126475	8.866	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047522.D
Acq On : 14 Sep 2024 13:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	145073	9.004	ng		98
46) 1,1'-Biphenyl	13.316	154	608567	9.295	ng		97
47) 2-Chloronaphthalene	13.357	162	478244	9.408	ng		98
48) 2-Nitroaniline	13.551	65	132239	8.856	ng		96
49) Acenaphthylene	14.198	152	672163	9.163	ng		100
50) Dimethylphthalate	13.933	163	550414	9.597	ng		99
51) 2,6-Dinitrotoluene	14.045	165	112135	9.262	ng		99
52) Acenaphthene	14.545	154	467519	9.096	ng		99
53) 3-Nitroaniline	14.369	138	119611	8.888	ng		97
54) 2,4-Dinitrophenol	14.574	184	33163	9.768	ng		93
55) Dibenzofuran	14.874	168	677086	9.374	ng		98
56) 4-Nitrophenol	14.669	139	97384	8.794	ng		98
57) 2,4-Dinitrotoluene	14.827	165	142048	8.797	ng		96
58) Fluorene	15.521	166	579655	8.914	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	113929	9.069	ng		97
60) Diethylphthalate	15.298	149	578136	9.472	ng		100
61) 4-Chlorophenyl-phenyle...	15.521	204	263120	8.849	ng		97
62) 4-Nitroaniline	15.527	138	132564	8.380	ng		98
63) Azobenzene	15.810	77	655893	9.759	ng		97
65) 4,6-Dinitro-2-methylph...	15.592	198	49684	12.260	ng		97
66) n-Nitrosodiphenylamine	15.727	169	445180	8.925	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	138443	8.738	ng		97
68) Hexachlorobenzene	16.527	284	160144	8.922	ng		99
69) Atrazine	16.674	200	126086	9.145	ng		97
70) Pentachlorophenol	16.862	266	82092	7.890	ng		96
71) Phenanthrene	17.257	178	814486	9.064	ng		99
72) Anthracene	17.345	178	765298	8.864	ng		99
73) Carbazole	17.609	167	770982	9.011	ng		99
74) Di-n-butylphthalate	18.186	149	894326	8.736	ng		100
75) Fluoranthene	19.262	202	851416	8.684	ng		98
77) Benzidine	19.445	184	219784	11.370	ng		99
78) Pyrene	19.621	202	903792	9.028	ng		99
80) Butylbenzylphthalate	20.521	149	325275	8.440	ng		95
81) Benzo(a)anthracene	21.421	228	837076	9.357	ng		100
82) 3,3'-Dichlorobenzidine	21.339	252	223939	9.410	ng		97
83) Chrysene	21.480	228	808300	9.553	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	522491	8.654	ng	#	98
85) Di-n-octyl phthalate	22.503	149	715606	8.380	ng		98
87) Indeno(1,2,3-cd)pyrene	27.879	276	704555	8.979	ng		99
88) Benzo(b)fluoranthene	23.509	252	748473	8.823	ng		99
89) Benzo(k)fluoranthene	23.568	252	741238	8.816	ng		98
90) Benzo(a)pyrene	24.321	252	616575	8.868	ng		98
91) Dibenzo(a,h)anthracene	27.944	278	585954	8.876	ng		100
92) Benzo(g,h,i)perylene	28.950	276	578576	8.972	ng		98

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

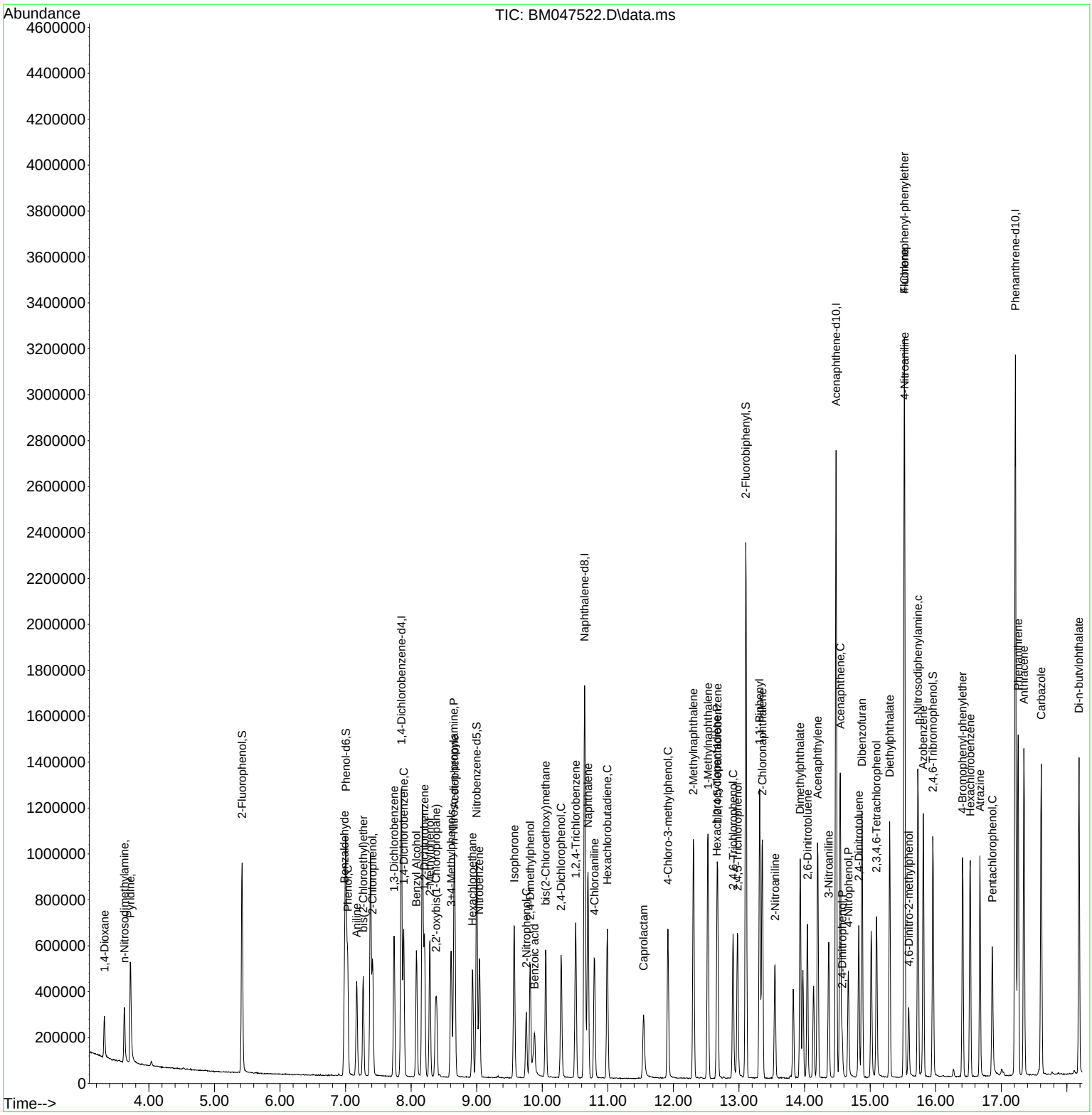
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Data File : BM047522.D
Acq On : 14 Sep 2024 13:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 08:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



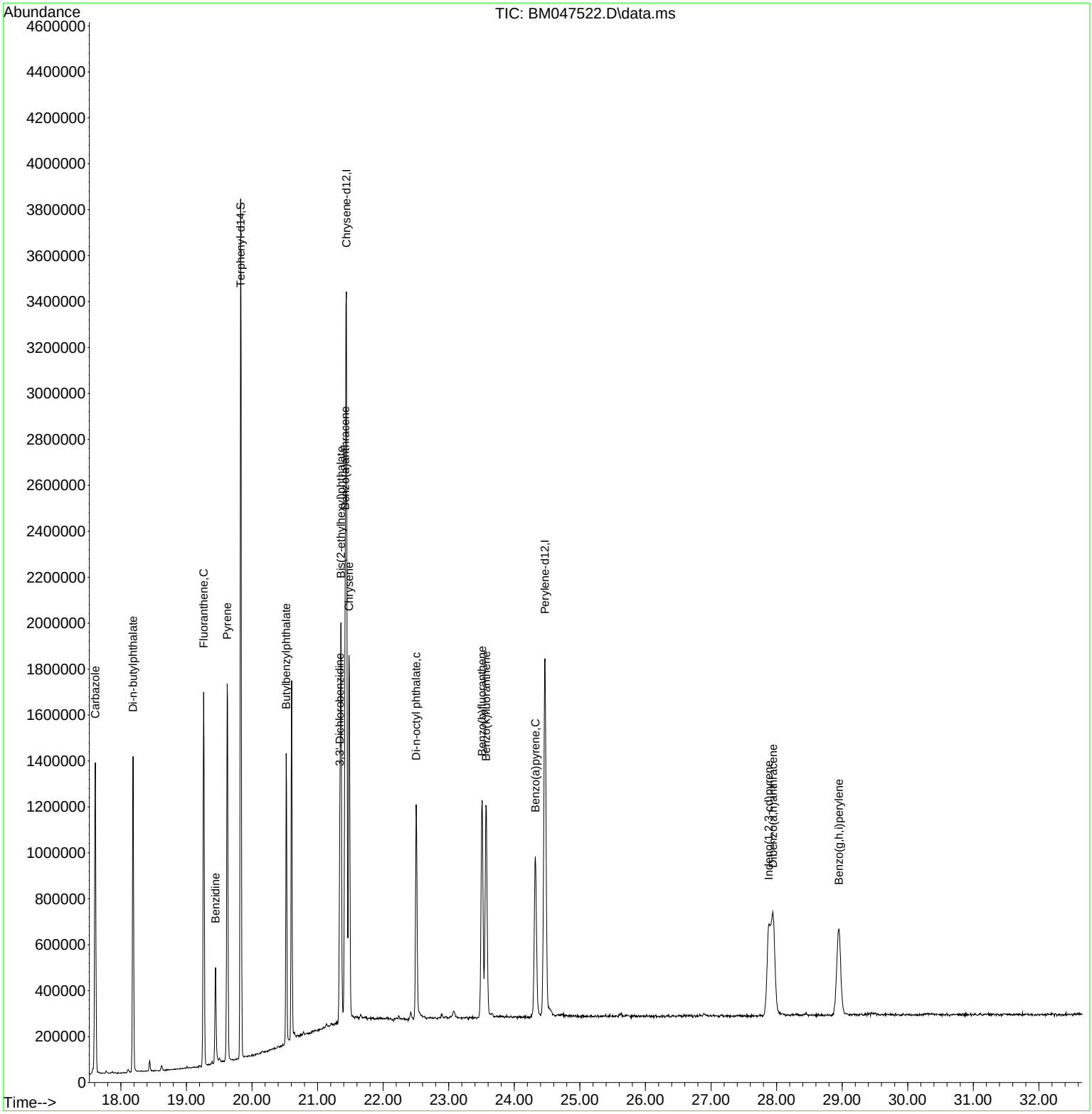
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Acq On : 14 Sep 2024 13:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

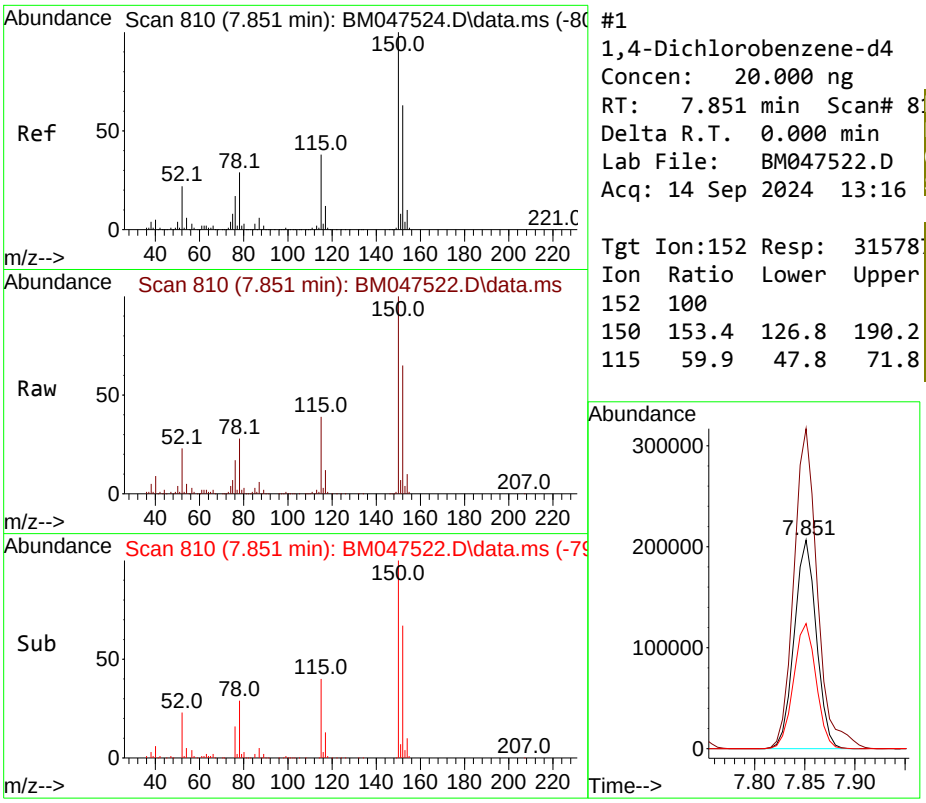
Quant Time: Sep 15 08:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

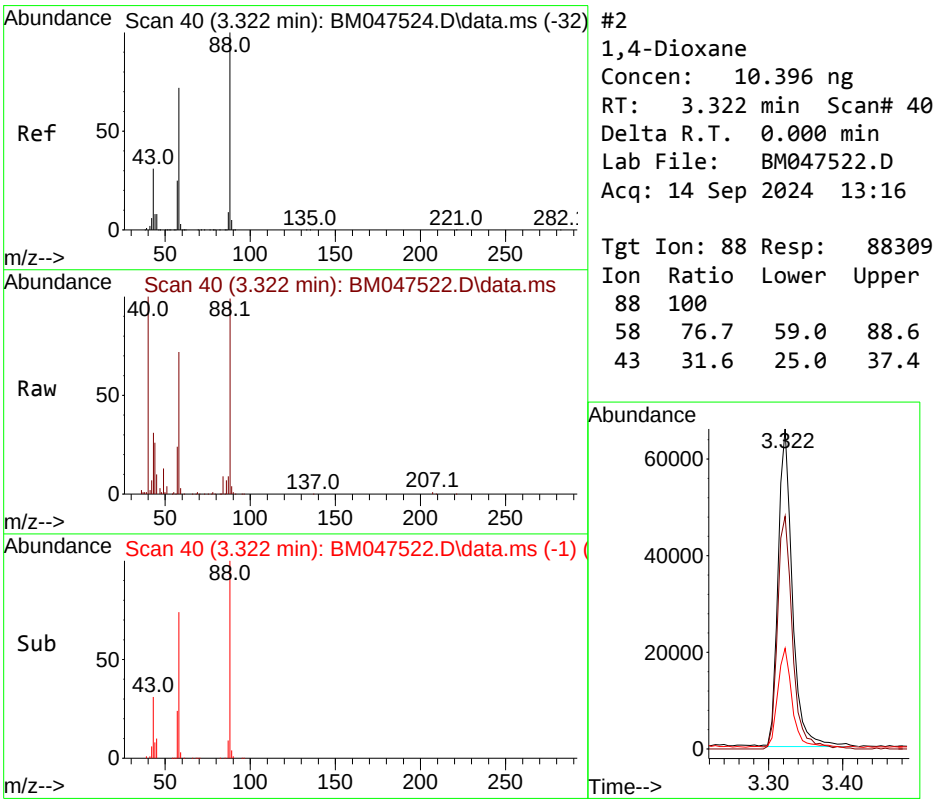
Tgt Ion:152 Resp: 31578

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.8	190.2
115	59.9	47.8	71.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

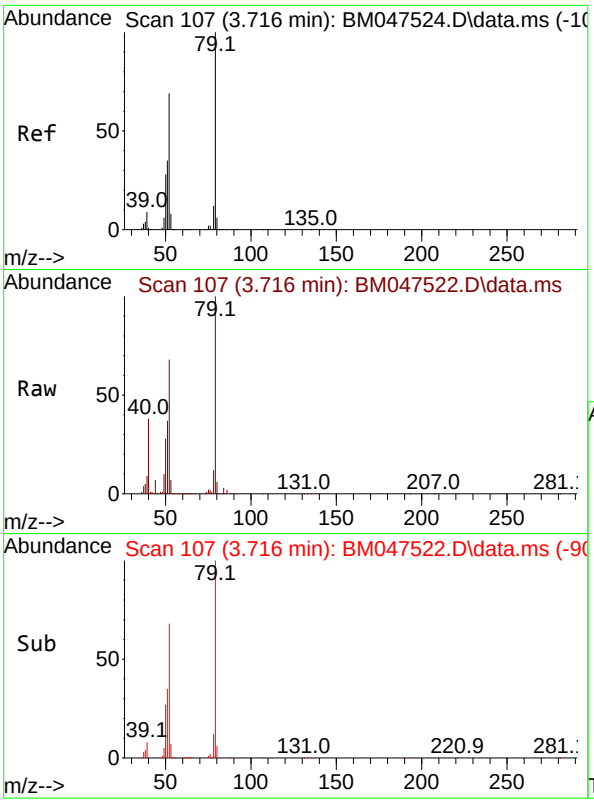
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#2
1,4-Dioxane
Concen: 10.396 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 88 Resp: 88309

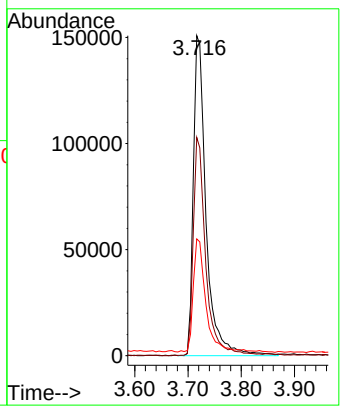
Ion	Ratio	Lower	Upper
88	100		
58	76.7	59.0	88.6
43	31.6	25.0	37.4



#3
Pyridine
Concen: 9.945 ng
RT: 3.716 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 79 Resp: 25140

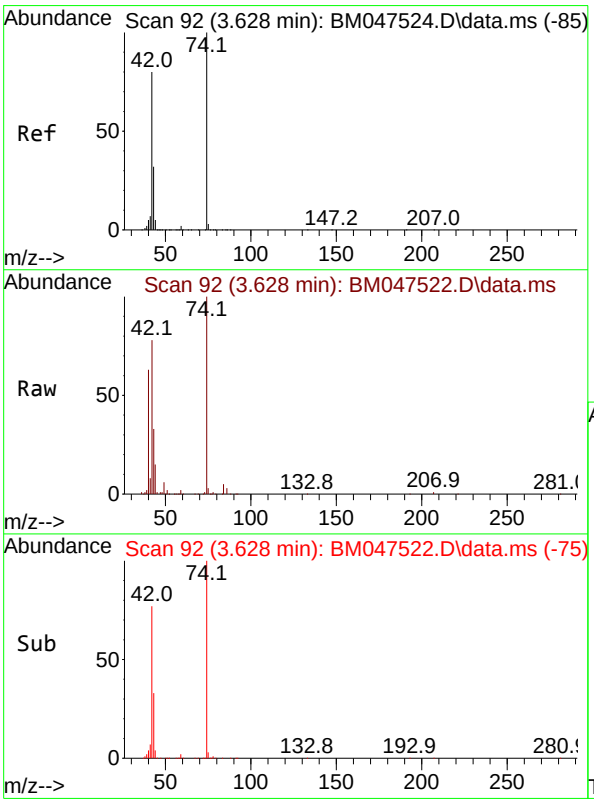
Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.4	83.0
51	36.5	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

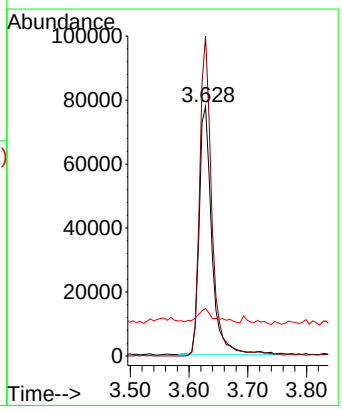
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

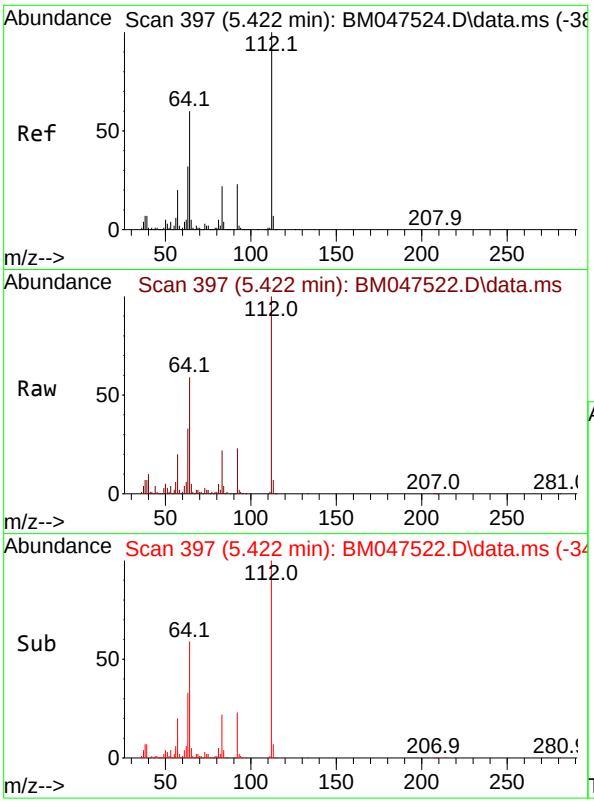


#4
n-Nitrosodimethylamine
Concen: 10.049 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 42 Resp: 115291

Ion	Ratio	Lower	Upper
42	100		
74	128.3	100.5	150.7
44	19.0	6.9	10.3#

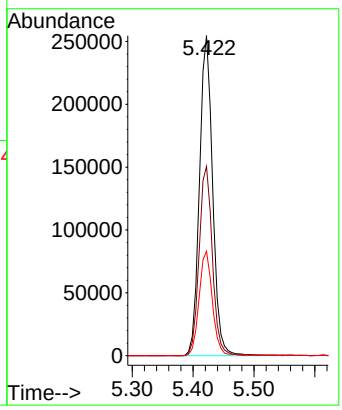




#5
2-Fluorophenol
Concen: 19.236 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:112 Resp: 38150

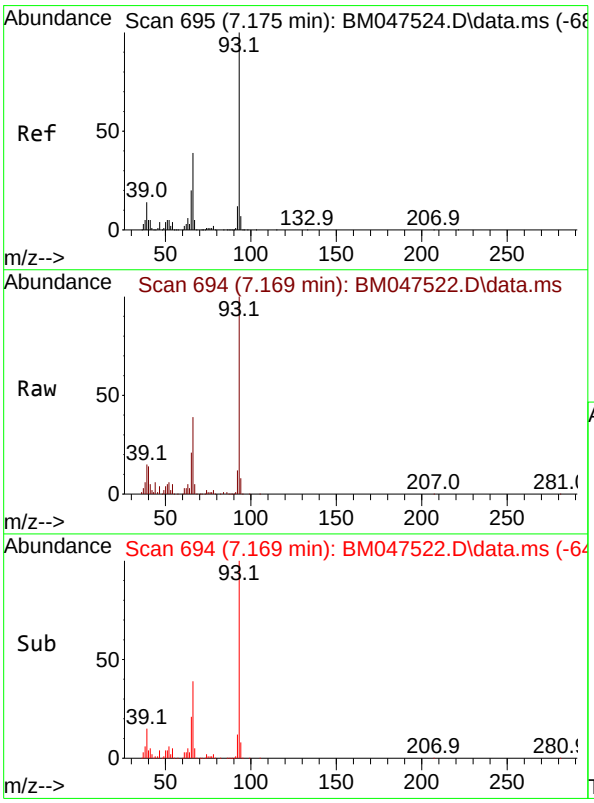
Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.2	72.4
63	32.6	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

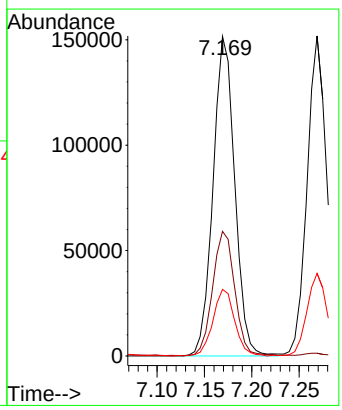
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

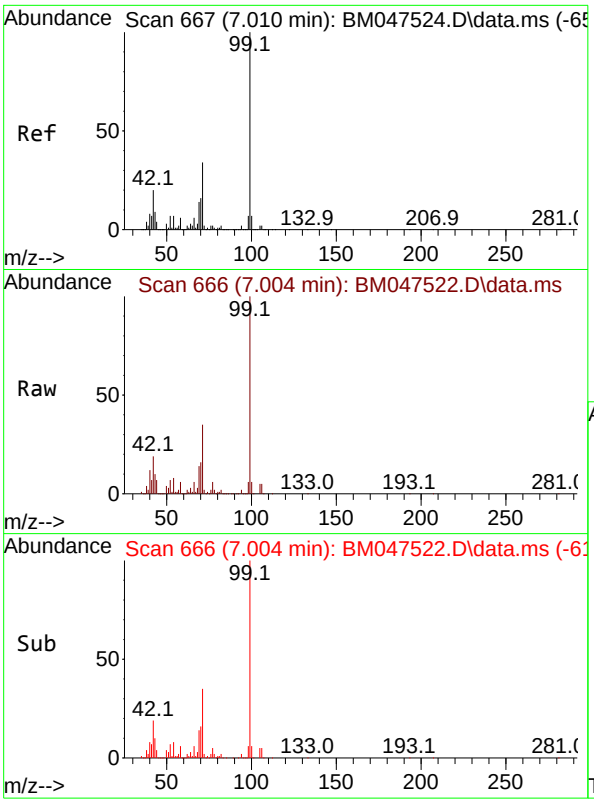


#6
Aniline
Concen: 9.752 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 93 Resp: 241475

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.4	47.0
65	20.8	16.3	24.5





#7
Phenol-d6
Concen: 18.354 ng
RT: 7.004 min Scan# 6(
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

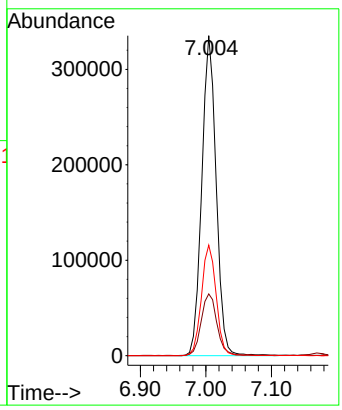
Tgt Ion: 99 Resp: 51264

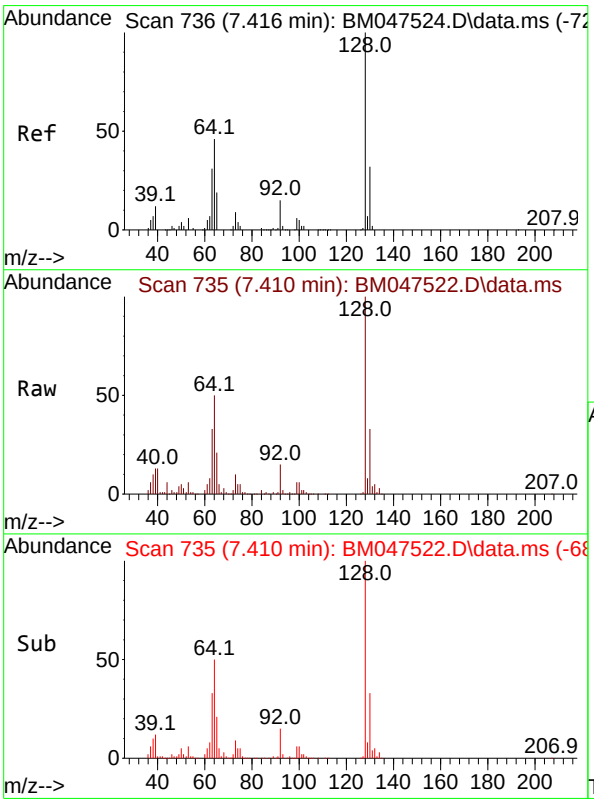
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.8
71	34.5	27.6	41.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

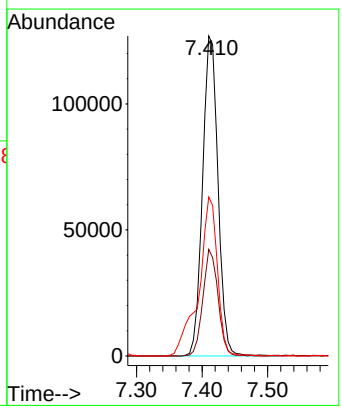


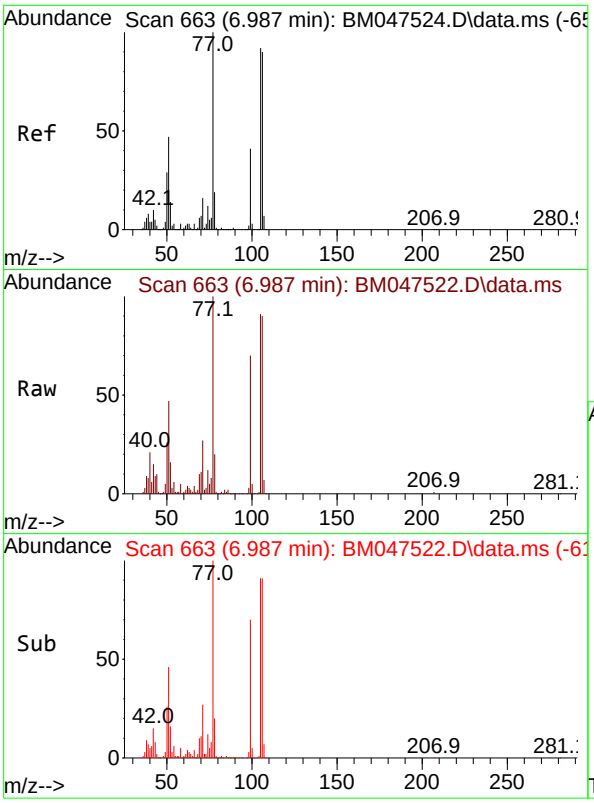


#8
2-Chlorophenol
Concen: 9.541 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:128 Resp: 208605

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.8	51.8
64	49.7	27.6	67.6

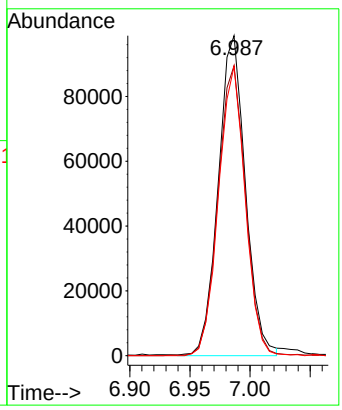




#9
Benzaldehyde
Concen: 11.718 ng m
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 77 Resp: 15562

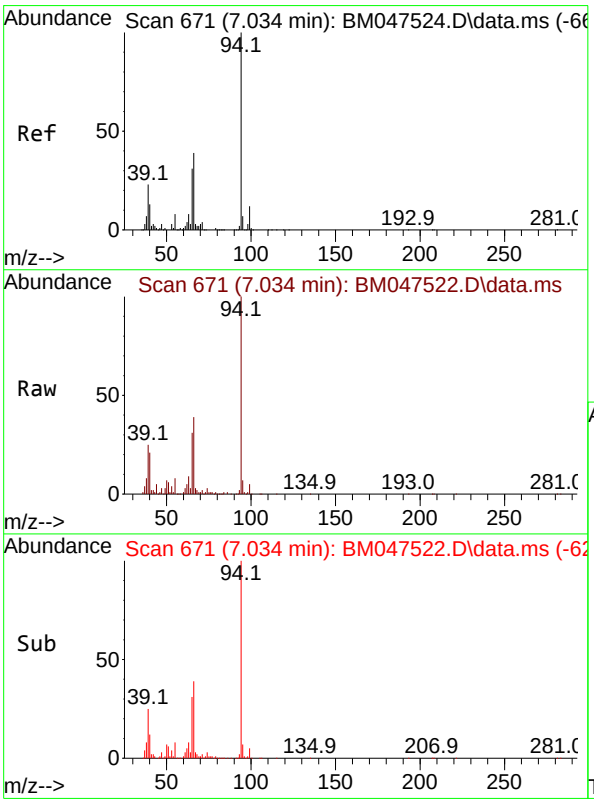
Ion	Ratio	Lower	Upper
77	100		
105	90.6	71.8	111.8
106	90.4	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

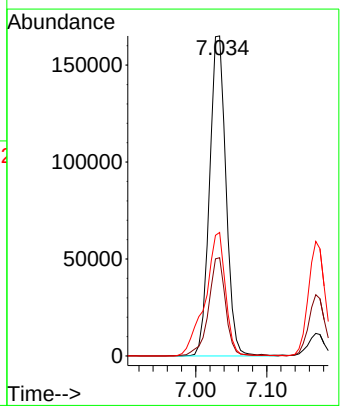
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

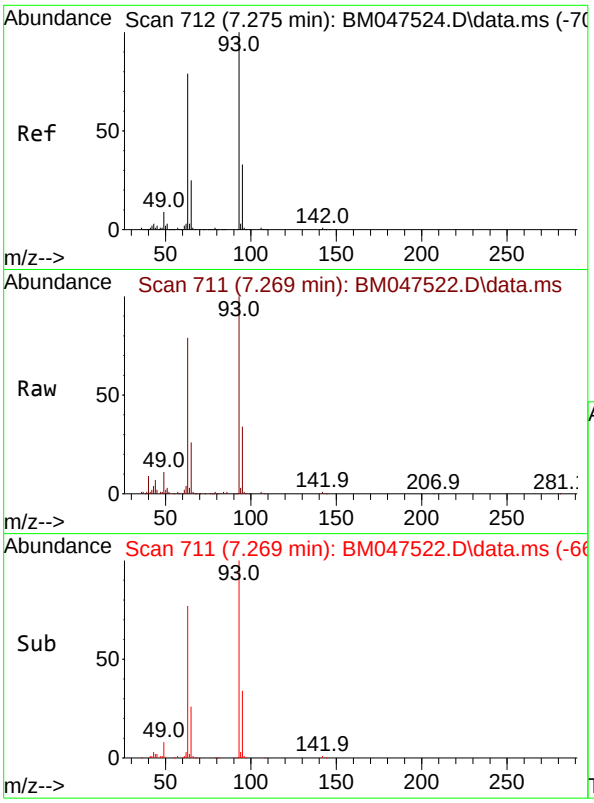


#10
Phenol
Concen: 9.479 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 94 Resp: 265092

Ion	Ratio	Lower	Upper
94	100		
65	30.7	10.8	50.8
66	38.6	19.2	59.2





#11
bis(2-Chloroethyl)ether
Concen: 9.935 ng
RT: 7.269 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

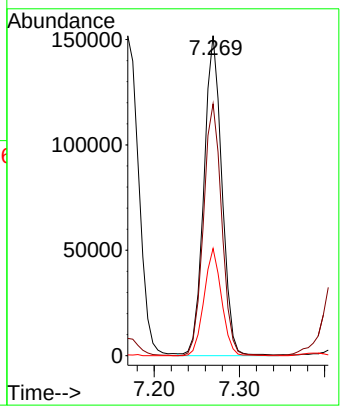
Tgt Ion: 93 Resp: 22306

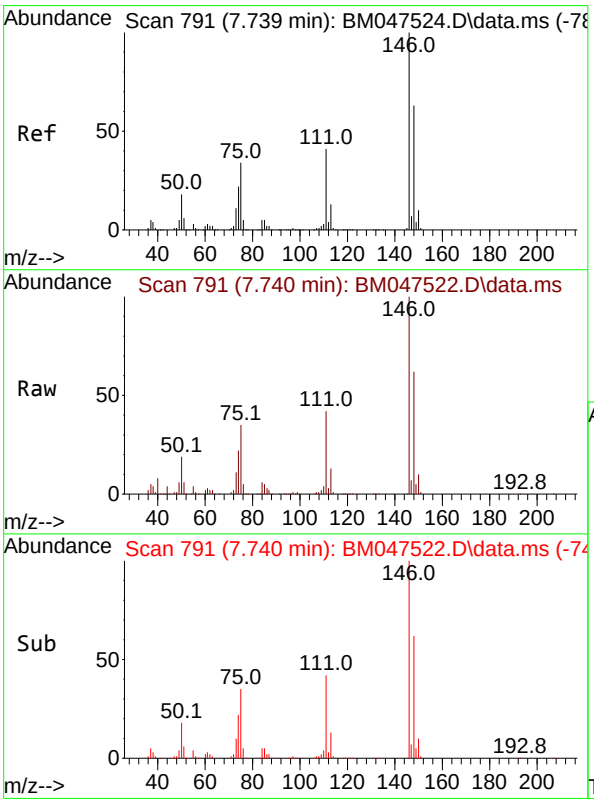
Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.2	98.2
95	33.5	12.8	52.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

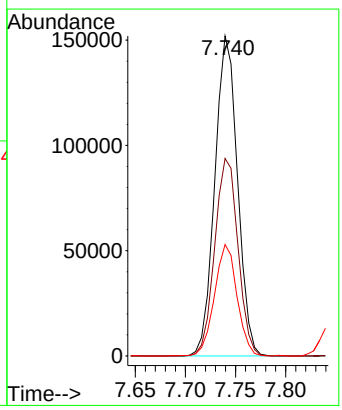


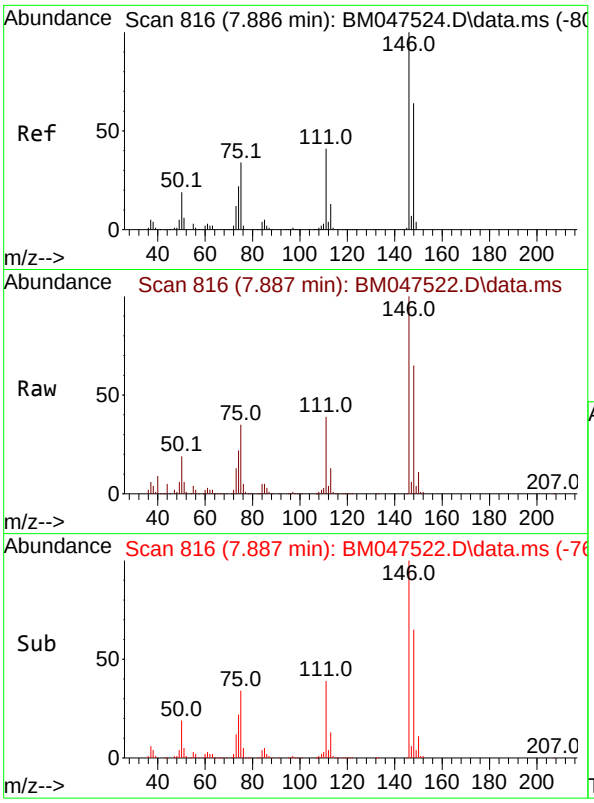


#12
1,3-Dichlorobenzene
Concen: 9.976 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:146 Resp: 238748

Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.2	75.4
75	34.8	27.4	41.0

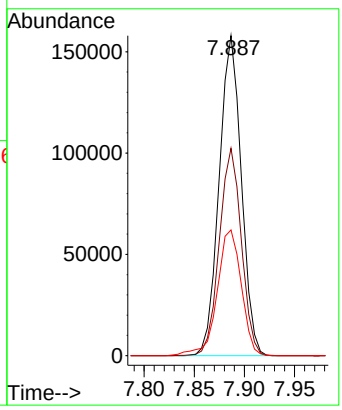




#13
1,4-Dichlorobenzene
Concen: 9.940 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:146 Resp: 24229

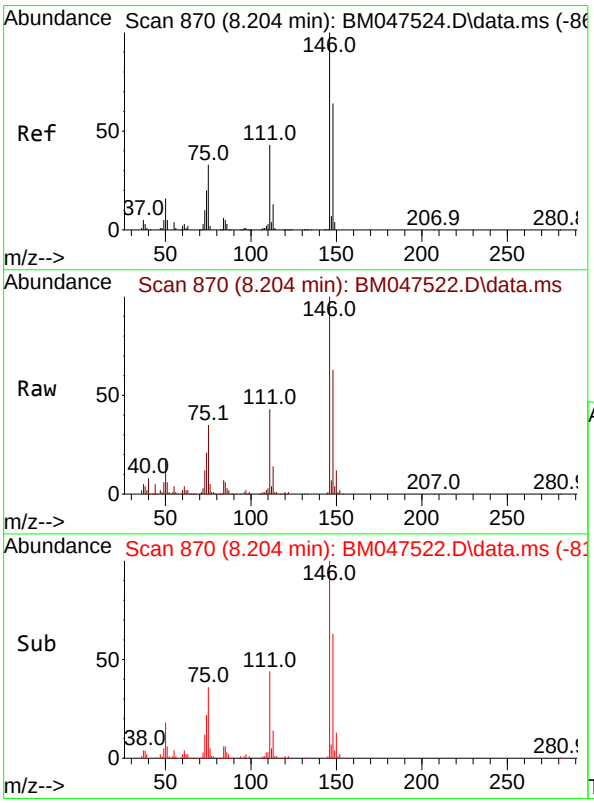
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	39.3	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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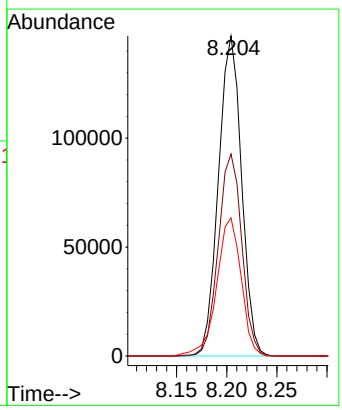
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

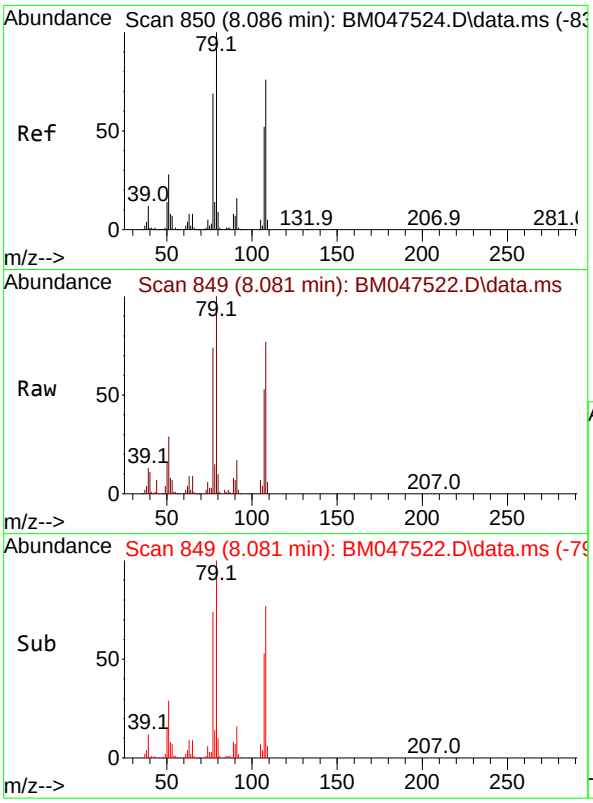


#14
1,2-Dichlorobenzene
Concen: 9.818 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:146 Resp: 235510

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	43.2	34.7	52.1

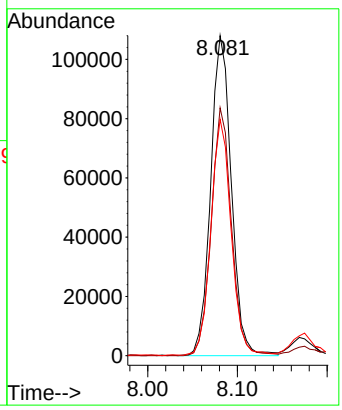




#15
Benzyl Alcohol
Concen: 9.153 ng
RT: 8.081 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 79 Resp: 17316

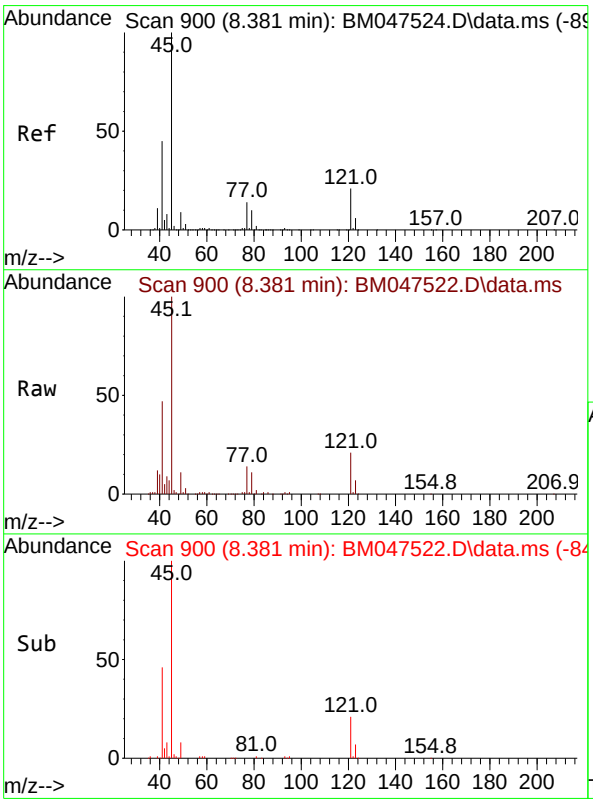
Ion	Ratio	Lower	Upper
79	100		
108	77.5	60.6	91.0
77	73.8	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

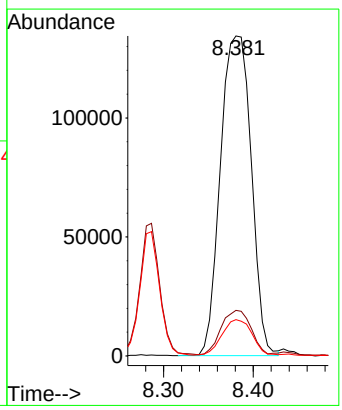
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

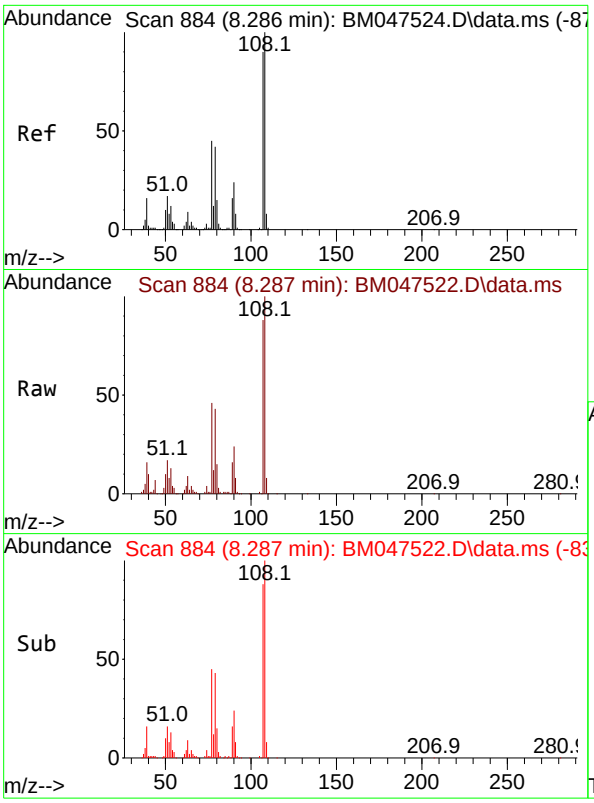


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.153 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 45 Resp: 320677

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.7
79	11.4	0.0	30.3

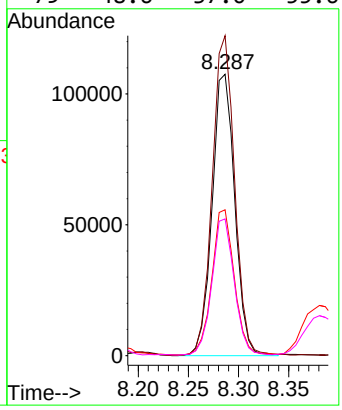




#17
2-Methylphenol
Concen: 9.486 ng
RT: 8.287 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:107 Resp: 16947

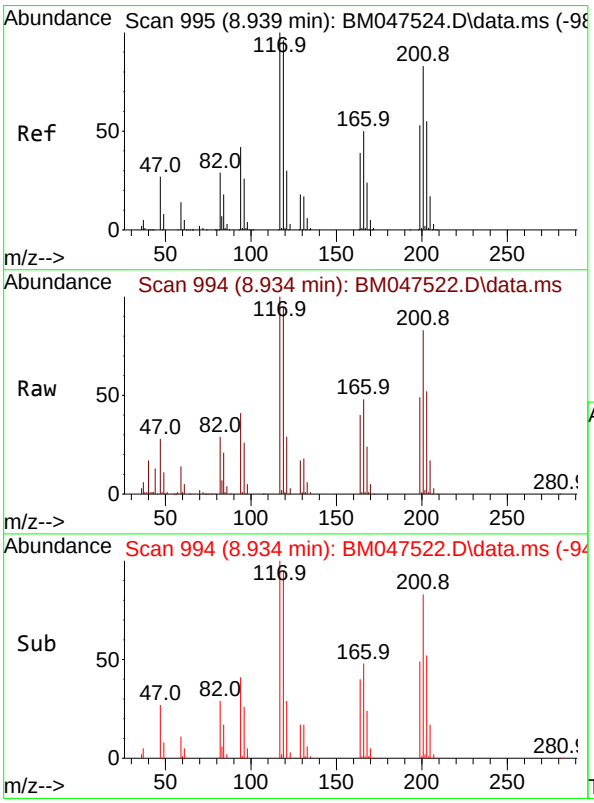
Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.9	133.3
77	51.9	39.8	59.8
79	48.6	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

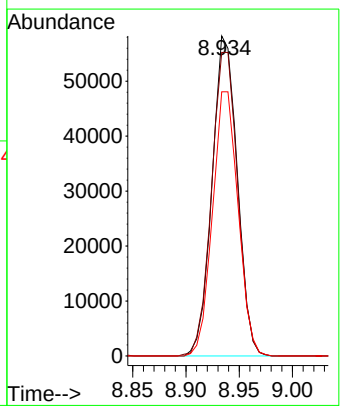
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

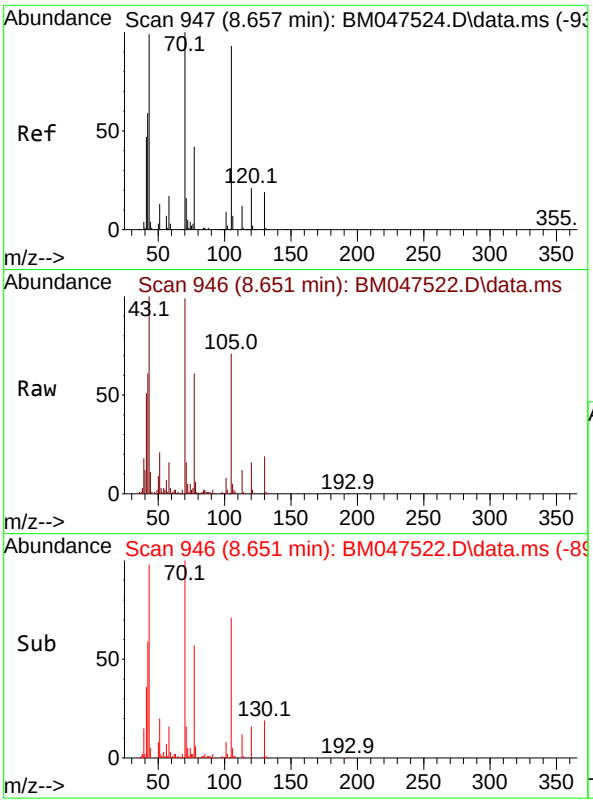


#18
Hexachloroethane
Concen: 9.834 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:117 Resp: 95755

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.4
201	82.6	66.8	100.2

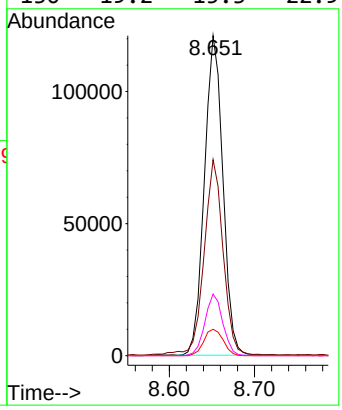




#19
n-Nitroso-di-n-propylamine
Concen: 9.676 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 70 Resp: 18221

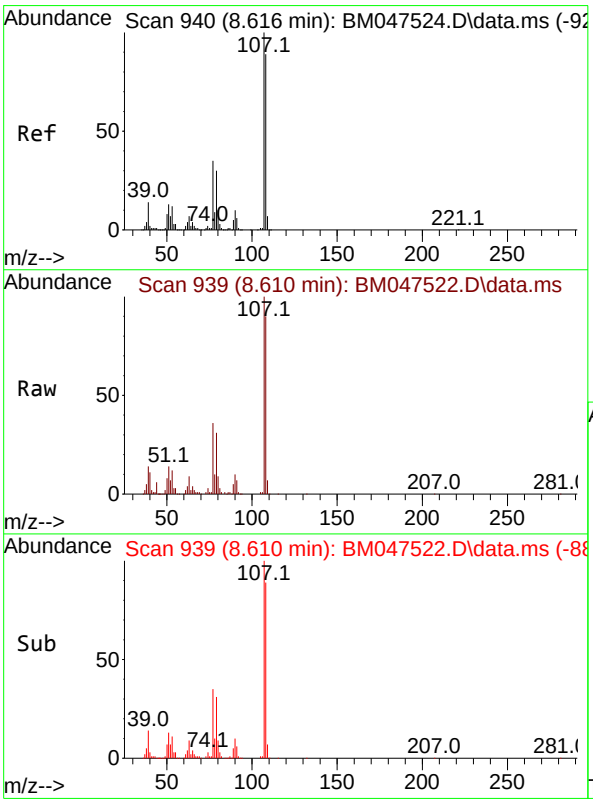
Ion	Ratio	Lower	Upper
70	100		
42	61.2	48.2	72.2
101	8.2	7.0	10.4
130	19.2	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

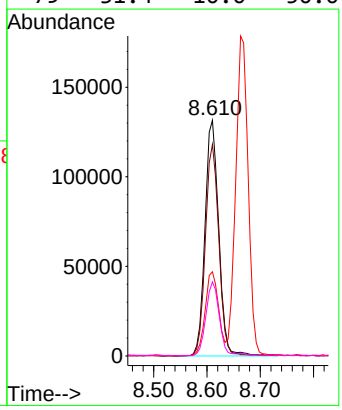
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

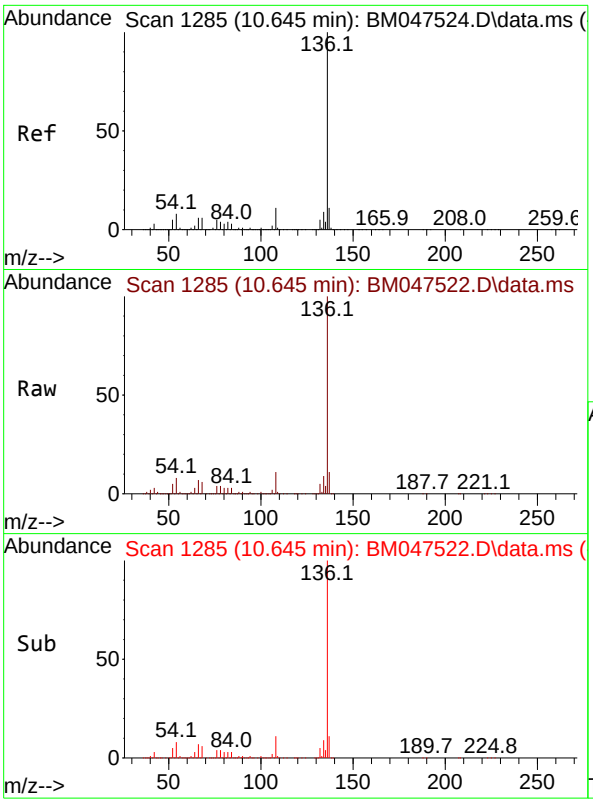


#20
3+4-Methylphenols
Concen: 9.455 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:107 Resp: 235709

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.9	108.9
77	35.7	15.5	55.5
79	31.4	10.0	50.0

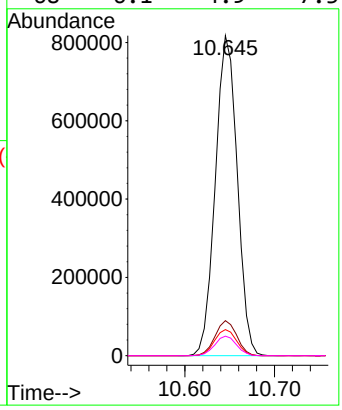




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:136 Resp: 138460

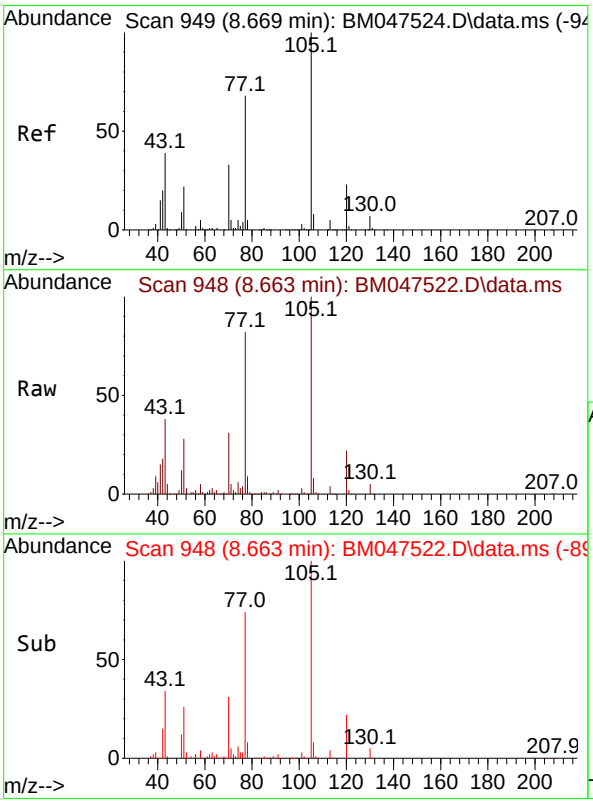
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.2	6.6	9.8
68	6.1	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

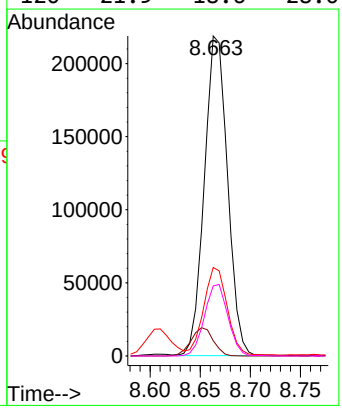
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

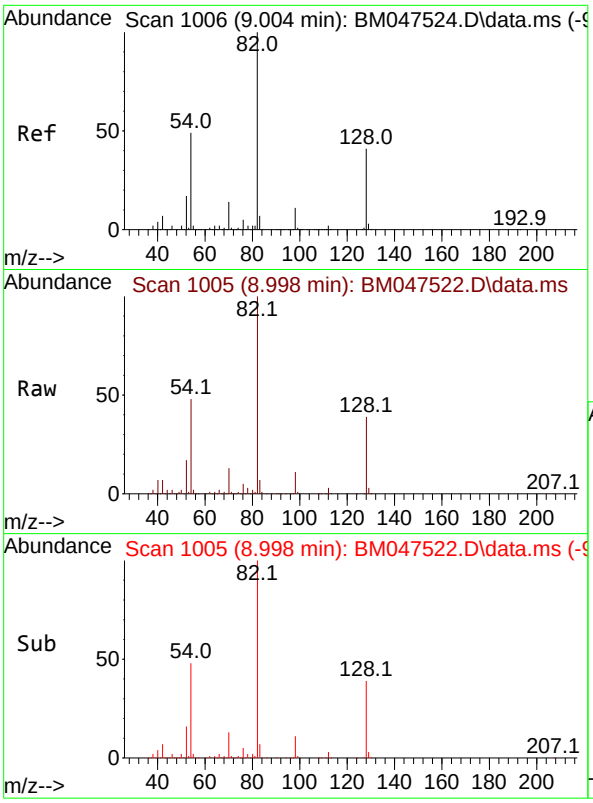


#22
Acetophenone
Concen: 9.690 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:105 Resp: 352718

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.3	6.5
51	27.6	21.5	32.3
120	21.9	18.6	28.0

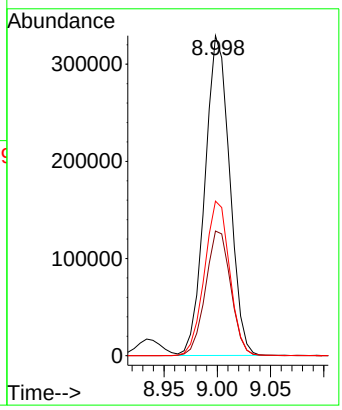




#23
Nitrobenzene-d5
Concen: 19.231 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 82 Resp: 53204

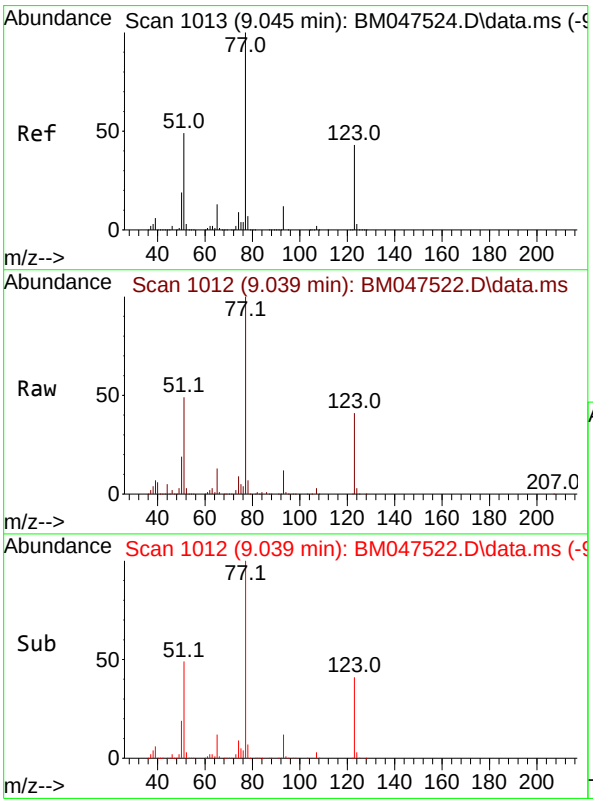
Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.4
54	48.3	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

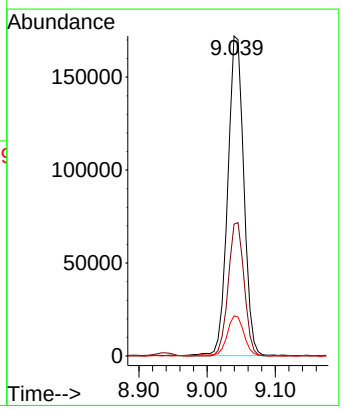
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

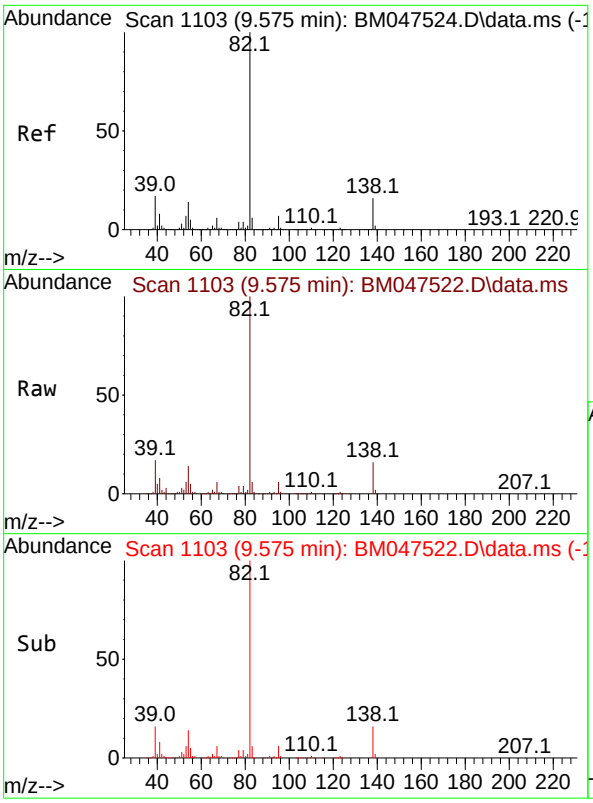


#24
Nitrobenzene
Concen: 9.890 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 77 Resp: 281172

Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.5	51.7
65	12.6	10.7	16.1

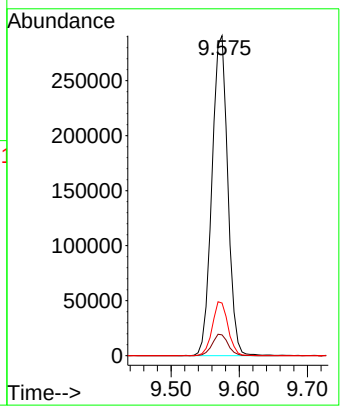




#25
Isophorone
Concen: 9.667 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 82 Resp: 47018

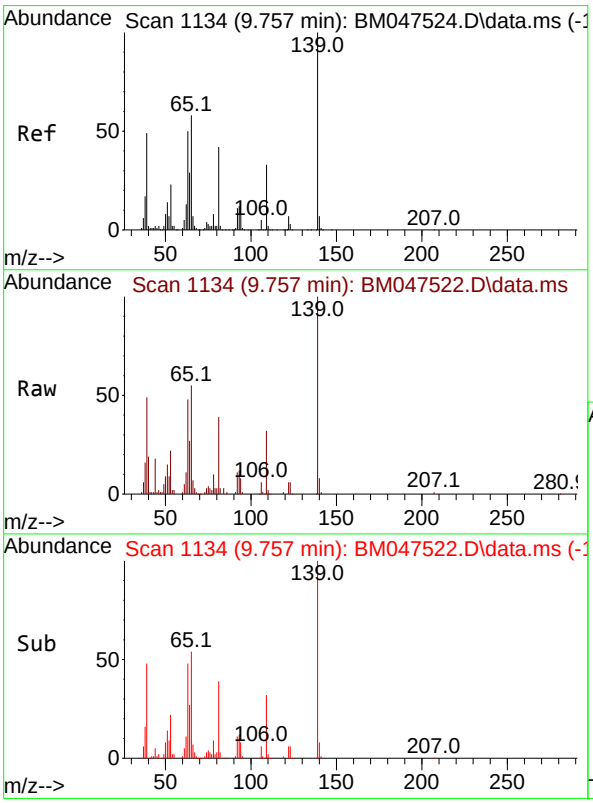
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	16.5	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

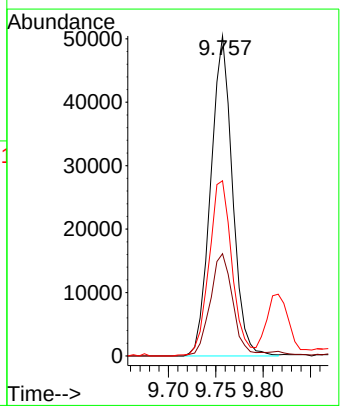
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

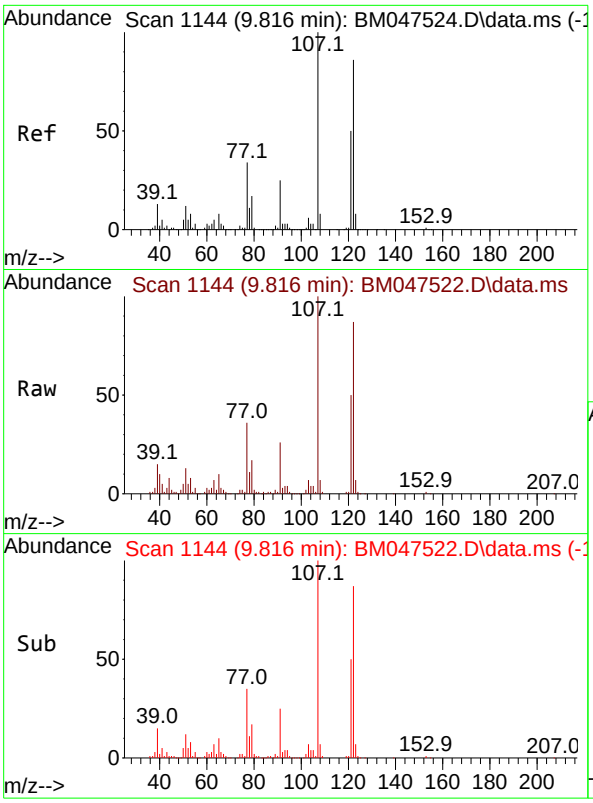


#26
2-Nitrophenol
Concen: 8.306 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:139 Resp: 80470

Ion	Ratio	Lower	Upper
139	100		
109	32.0	26.0	39.0
65	54.8	46.2	69.4

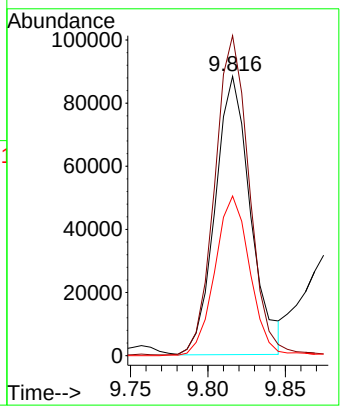




#27
2,4-Dimethylphenol
Concen: 9.537 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:122 Resp: 14004

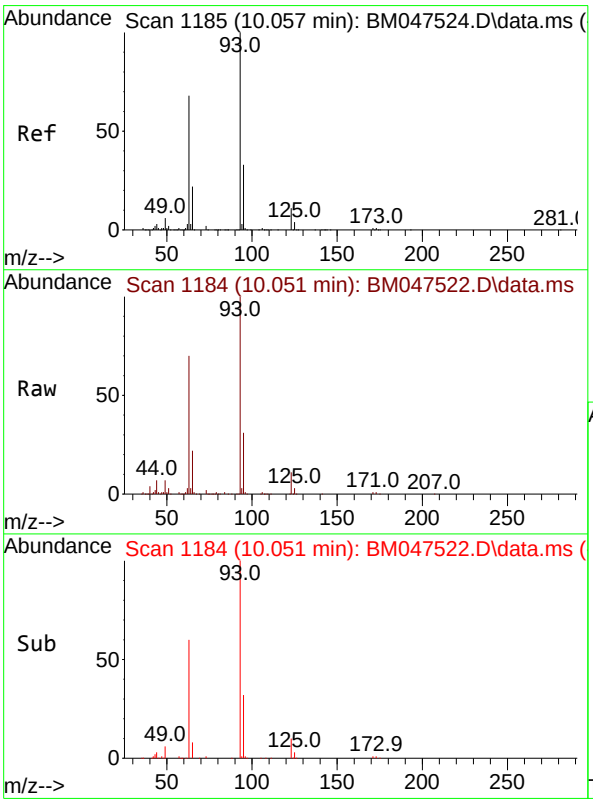
Ion	Ratio	Lower	Upper
122	100		
107	114.5	92.4	138.6
121	57.1	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

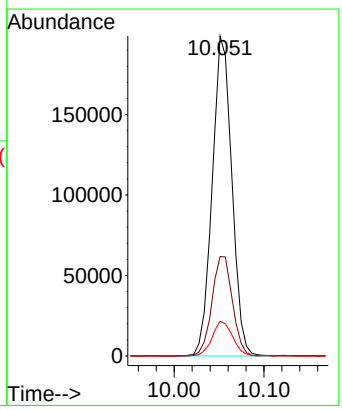
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

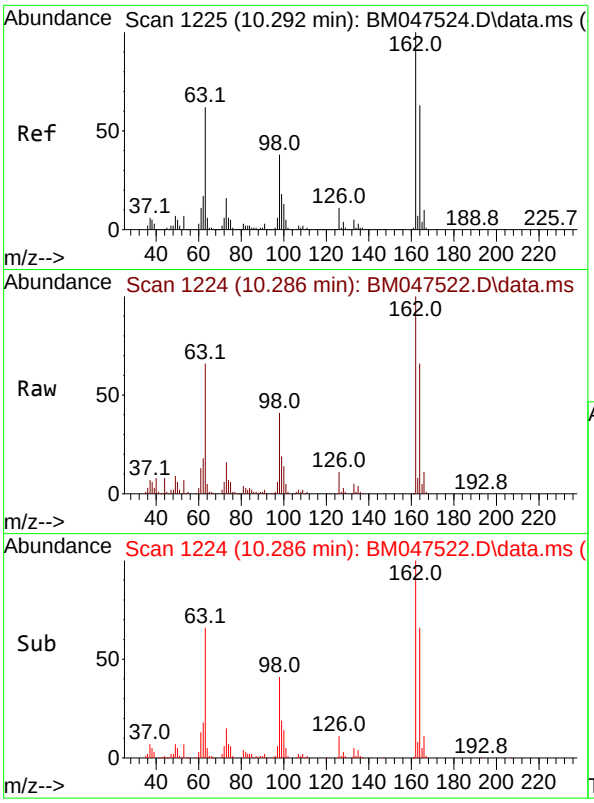


#28
bis(2-Chloroethoxy)methane
Concen: 9.874 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 93 Resp: 301673

Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.2
123	10.9	9.2	13.8

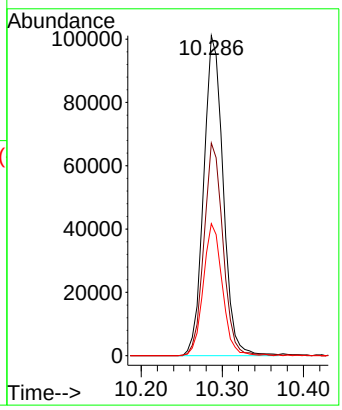




#29
2,4-Dichlorophenol
Concen: 9.019 ng
RT: 10.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:162 Resp: 16827

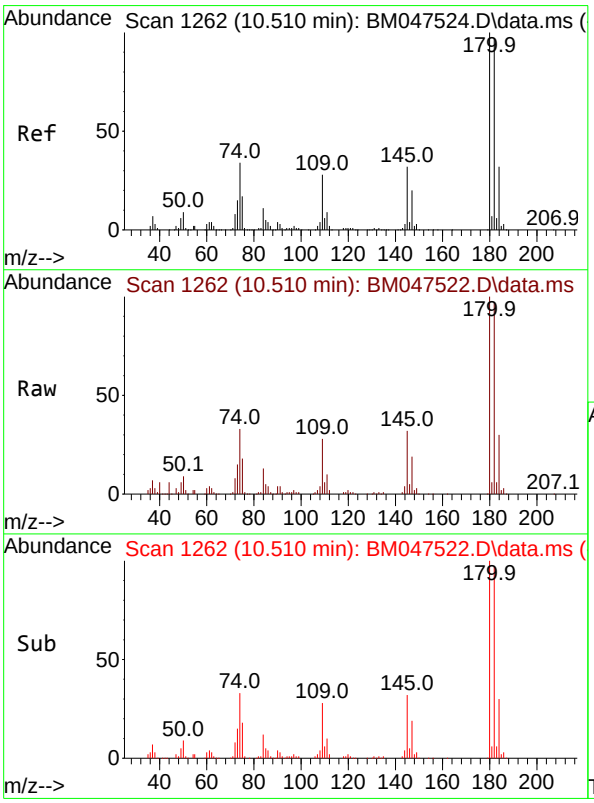
Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.5	83.5
98	41.3	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

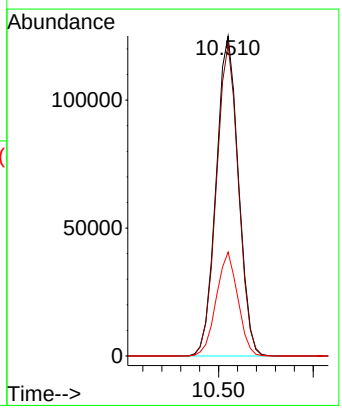
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

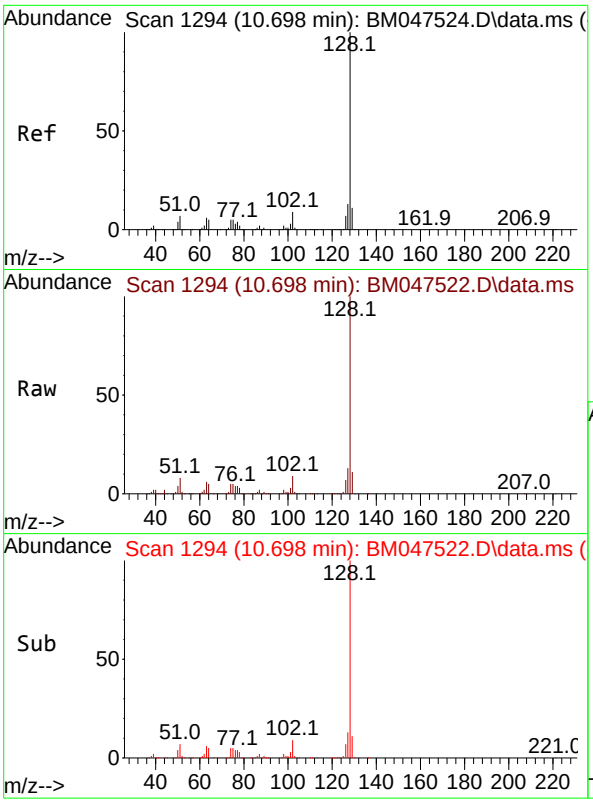


#30
1,2,4-Trichlorobenzene
Concen: 9.576 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:180 Resp: 204663

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.6	116.4
145	32.5	25.4	38.0

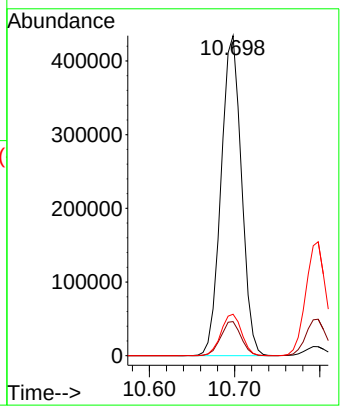




#31
Naphthalene
Concen: 9.645 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:128 Resp: 72125

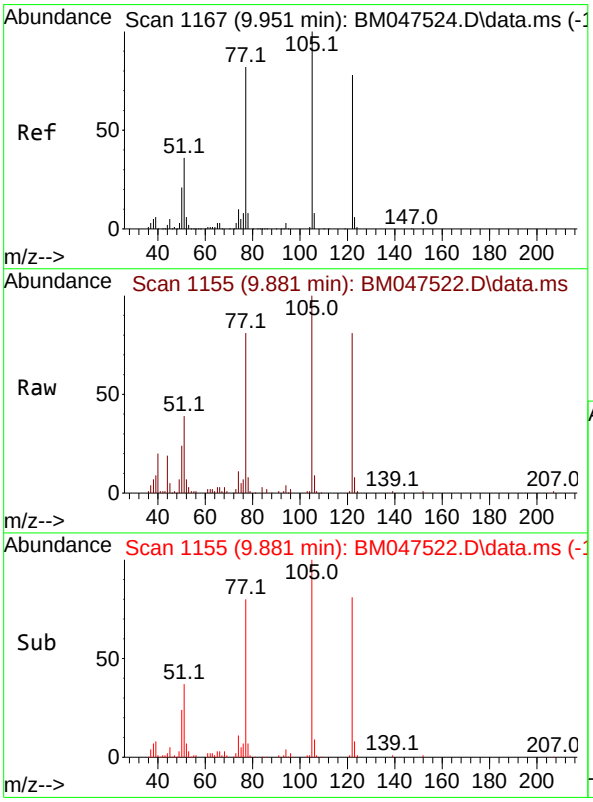
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

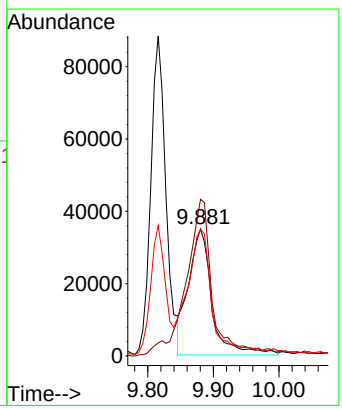
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

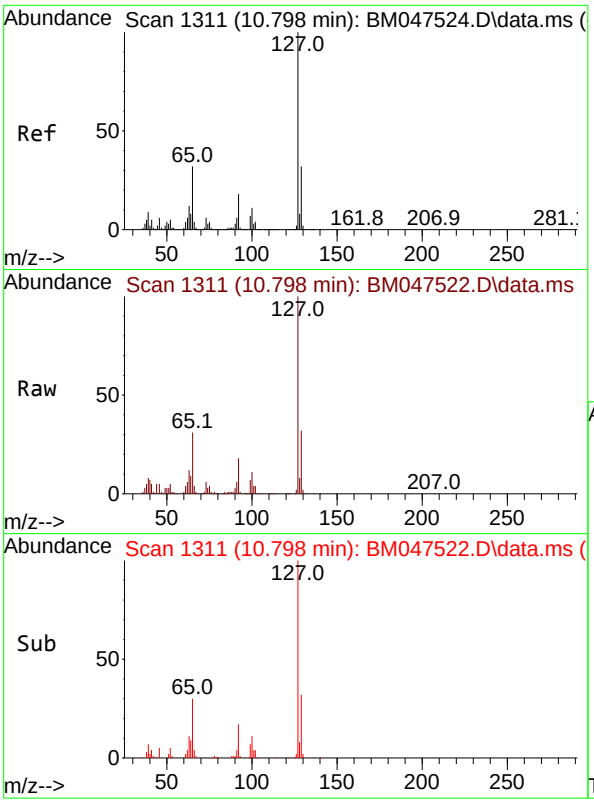


#32
Benzoic acid
Concen: 11.758 ng m
RT: 9.881 min Scan# 1155
Delta R.T. -0.070 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:122 Resp: 86588

Ion	Ratio	Lower	Upper
122	100		
105	123.2	104.7	144.7
77	99.7	83.4	123.4

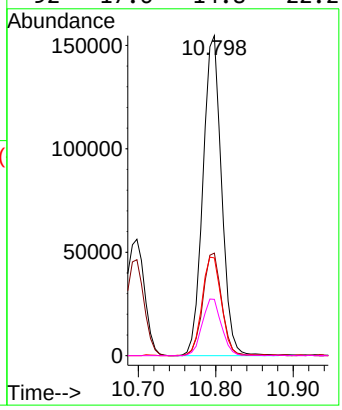




#33
4-Chloroaniline
Concen: 9.557 ng
RT: 10.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:127 Resp: 25839

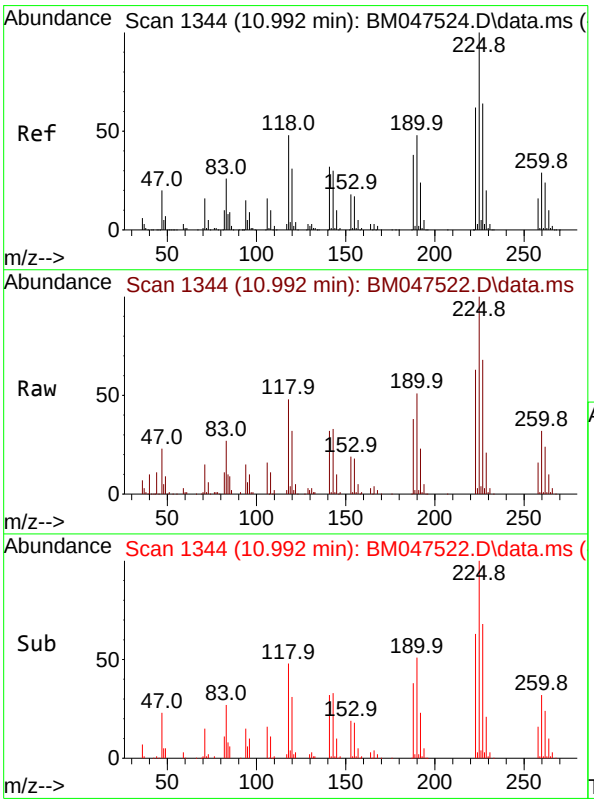
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	30.6	25.5	38.3
92	17.6	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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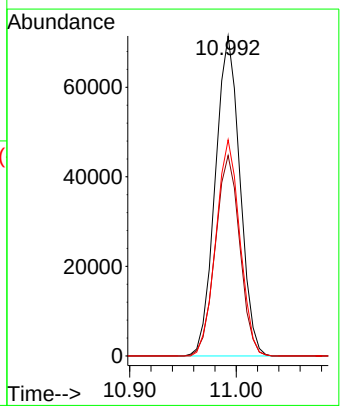
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

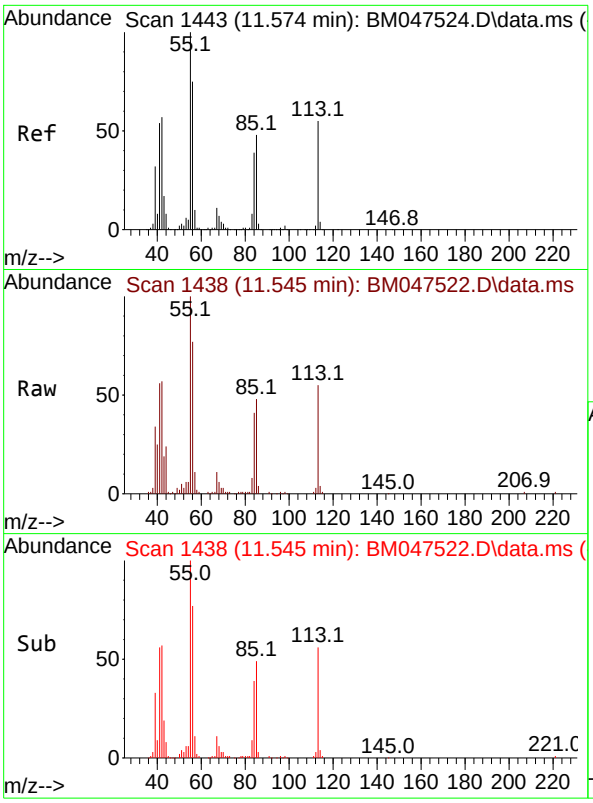


#34
Hexachlorobutadiene
Concen: 9.687 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:225 Resp: 114671

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	67.5	51.0	76.4

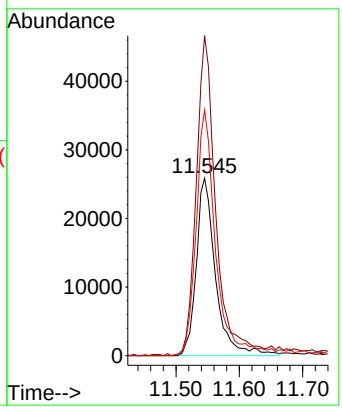




#35
Caprolactam
Concen: 8.924 ng m
RT: 11.545 min Scan# 14
Delta R.T. -0.029 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:113 Resp: 5484

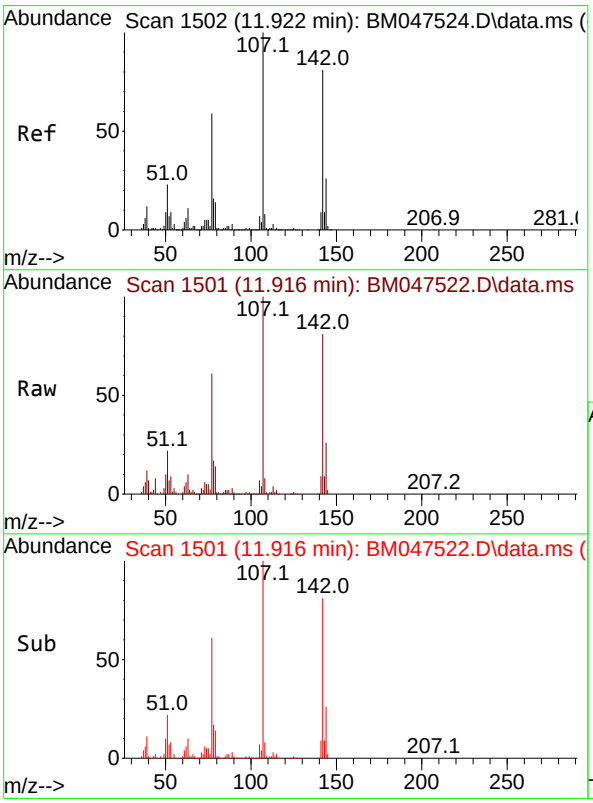
Ion	Ratio	Lower	Upper
113	100		
55	180.4	162.5	202.5
56	138.6	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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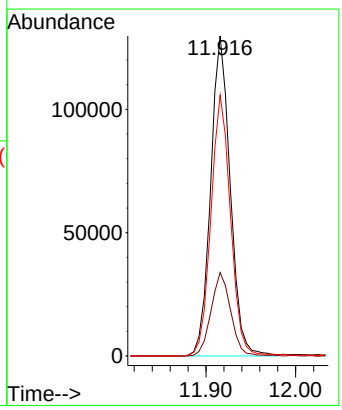
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

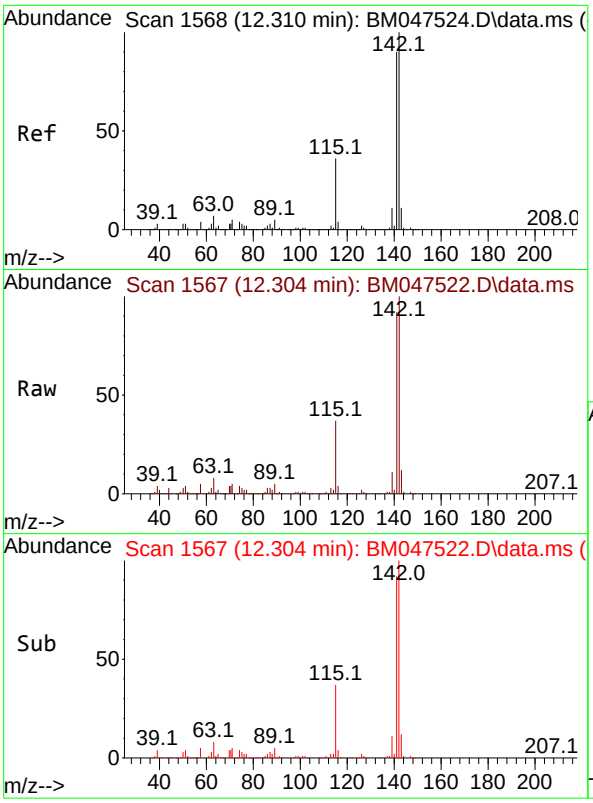


#36
4-Chloro-3-methylphenol
Concen: 9.206 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:107 Resp: 196835

Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	81.4	65.0	97.4

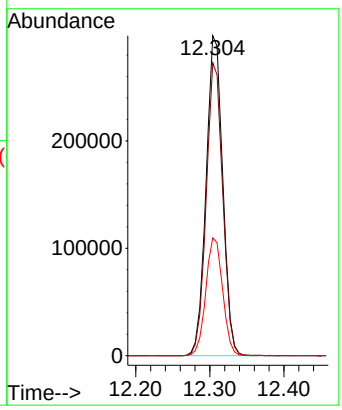




#37
2-Methylnaphthalene
Concen: 9.343 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:142 Resp: 46500

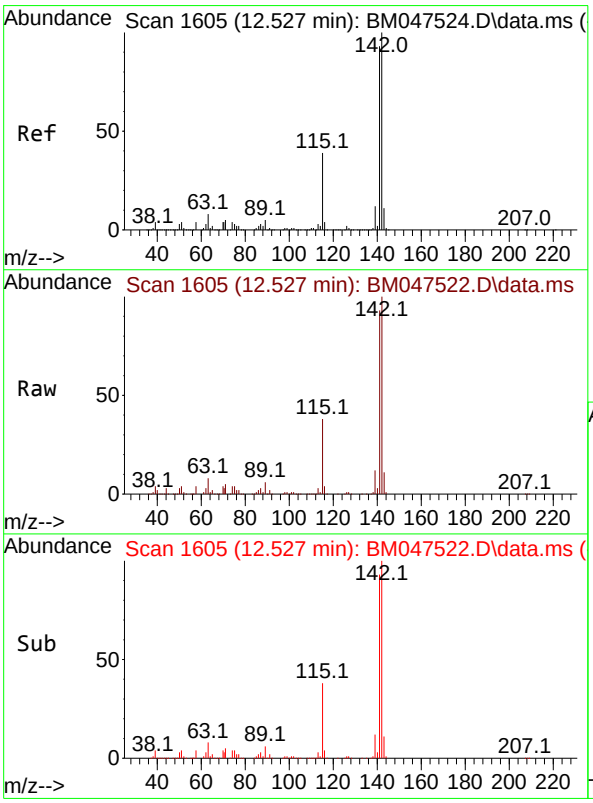
Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.4
115	36.8	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

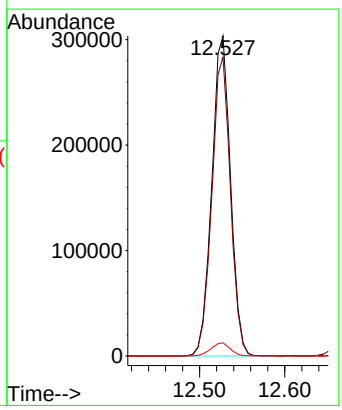
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

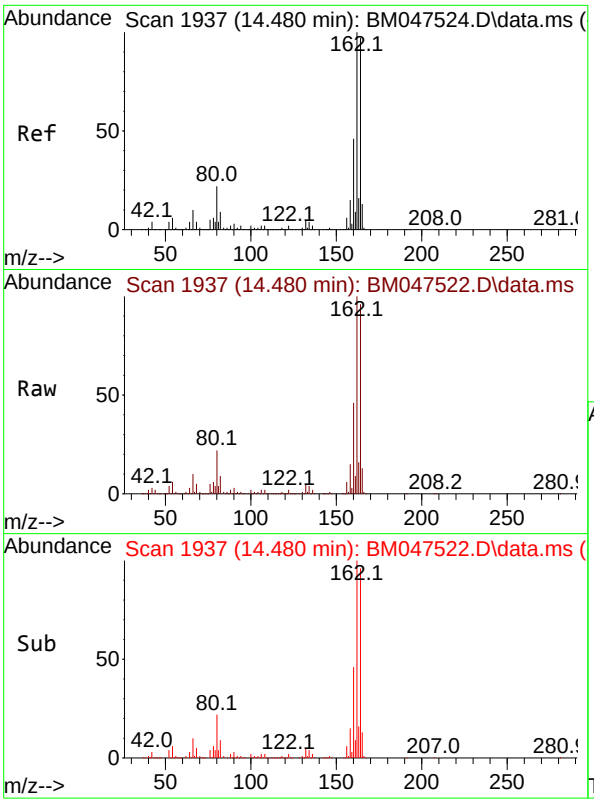


#38
1-Methylnaphthalene
Concen: 9.383 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:142 Resp: 464087

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	4.1	3.2	4.8

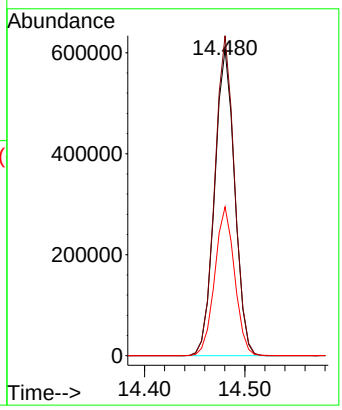




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:164 Resp: 84144

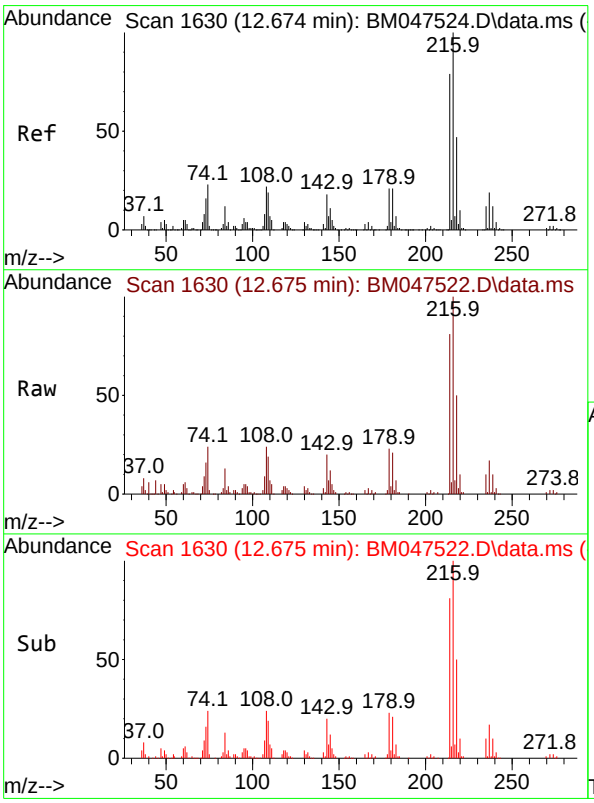
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.2
160	48.5	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

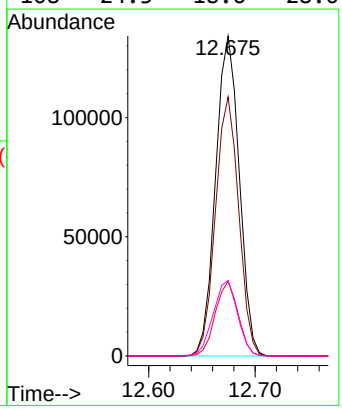
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

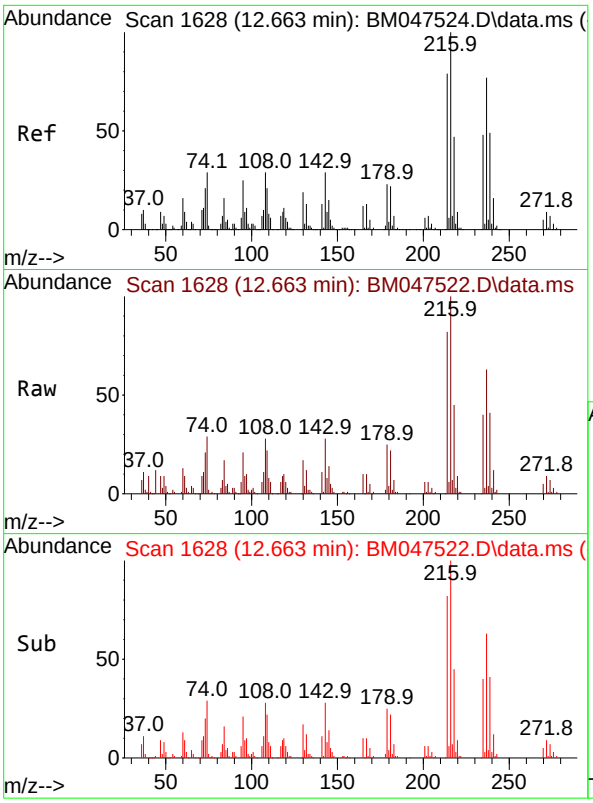


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.080 ng
RT: 12.675 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:216 Resp: 206736

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	22.5	17.5	26.3
108	24.3	18.6	28.0

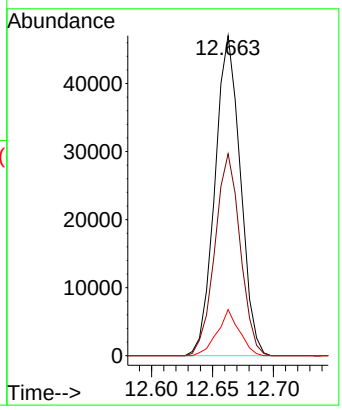




#41
Hexachlorocyclopentadiene
Concen: 9.197 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:237 Resp: 6845

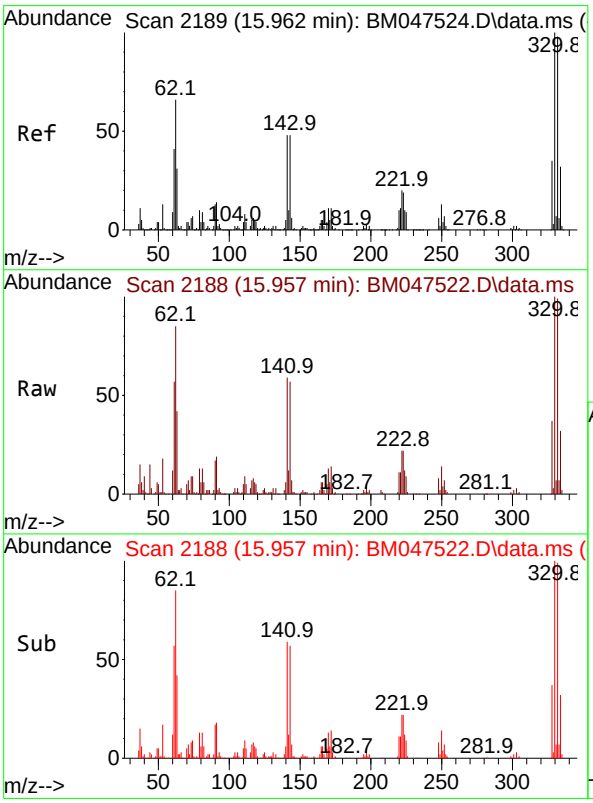
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	14.4	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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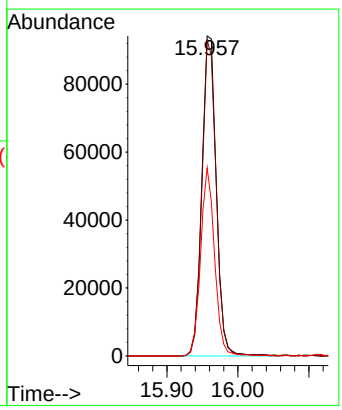
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

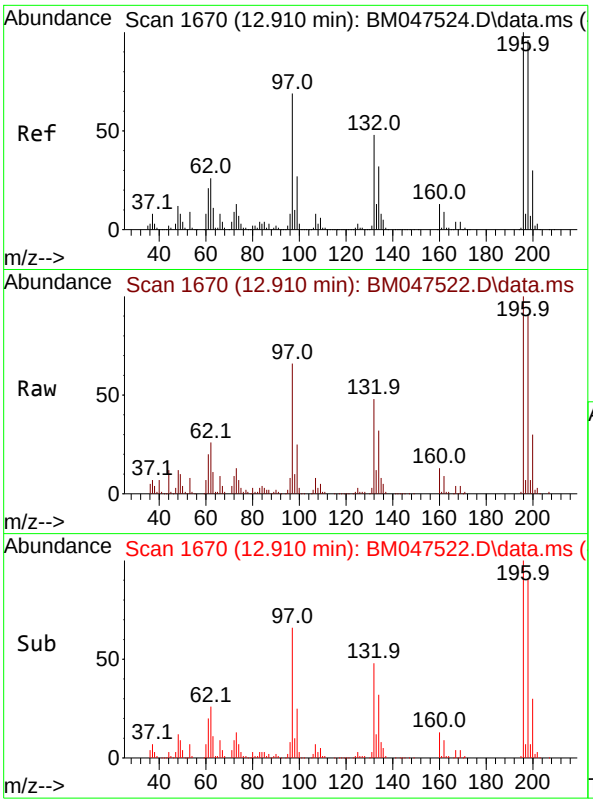


#42
2,4,6-Tribromophenol
Concen: 16.487 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:330 Resp: 134095

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	56.6	42.2	63.2

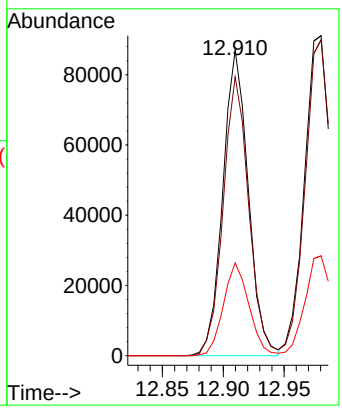




#43
2,4,6-Trichlorophenol
Concen: 8.866 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:196 Resp: 12647

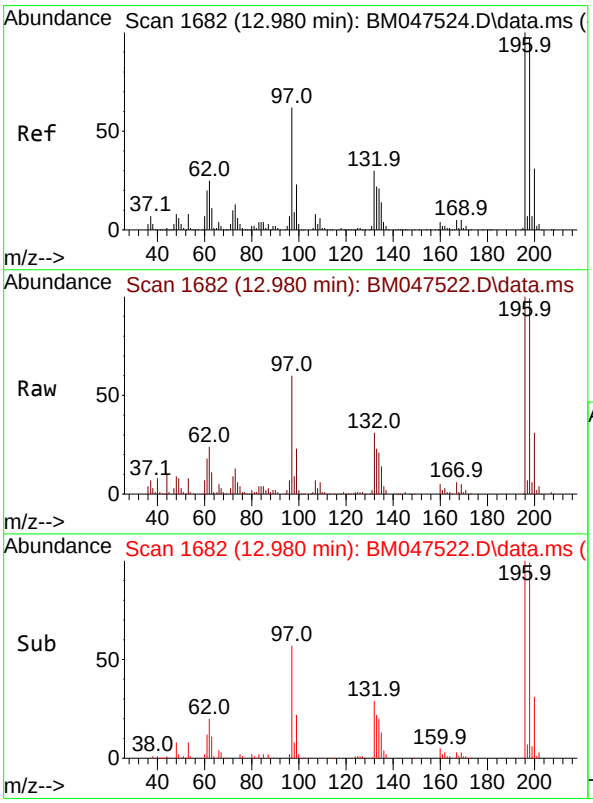
Ion	Ratio	Lower	Upper
196	100		
198	91.3	76.9	115.3
200	30.4	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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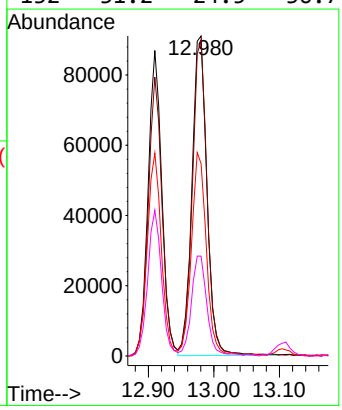
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

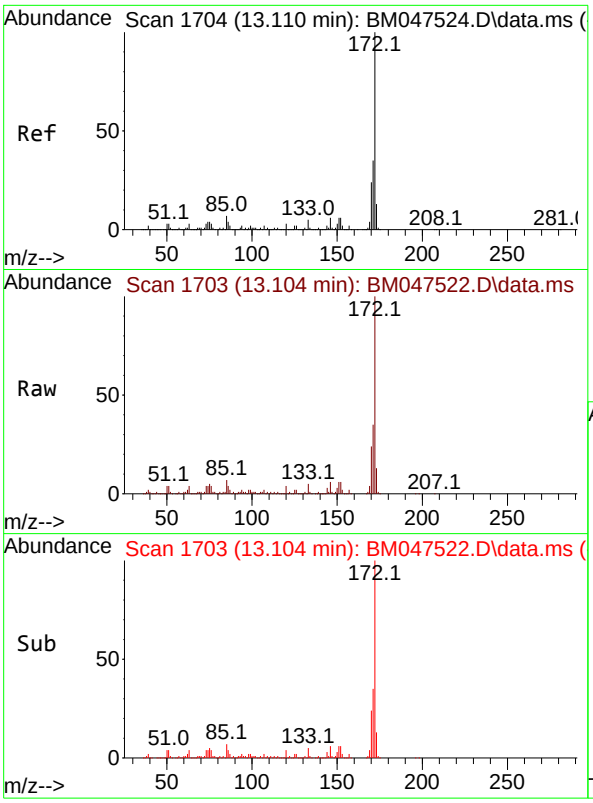


#44
2,4,5-Trichlorophenol
Concen: 9.004 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:196 Resp: 145073

Ion	Ratio	Lower	Upper
196	100		
198	98.7	77.4	116.2
97	60.1	49.8	74.8
132	31.2	24.5	36.7

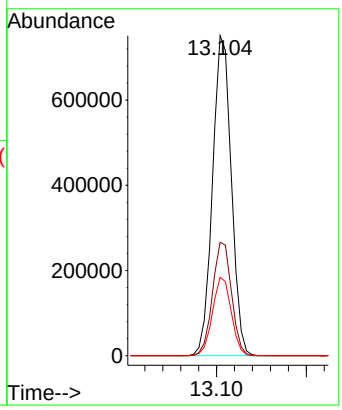




#45
2-Fluorobiphenyl
Concen: 17.835 ng
RT: 13.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:172 Resp: 108941

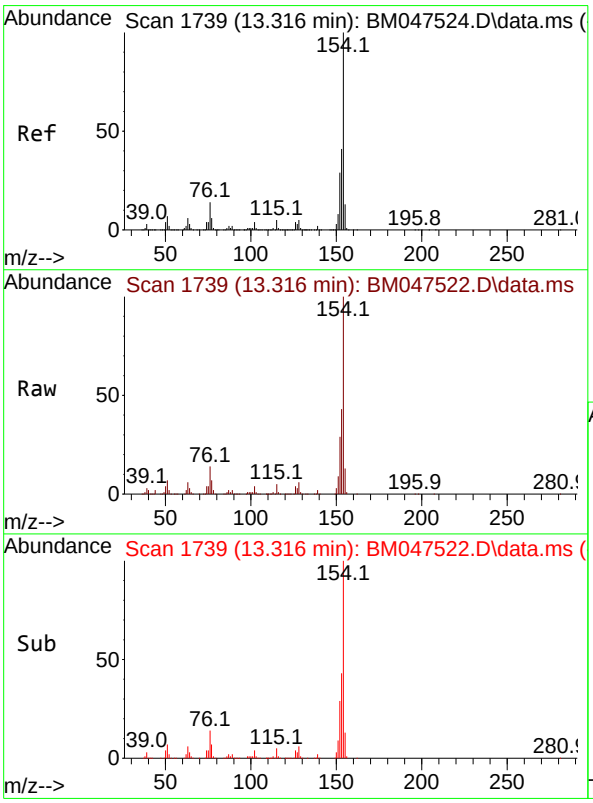
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.5	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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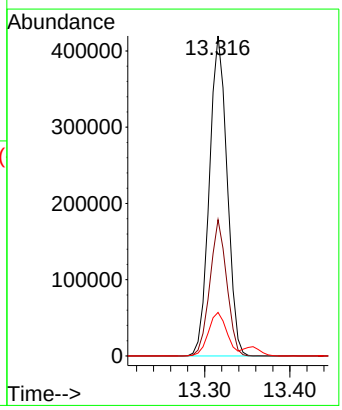
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

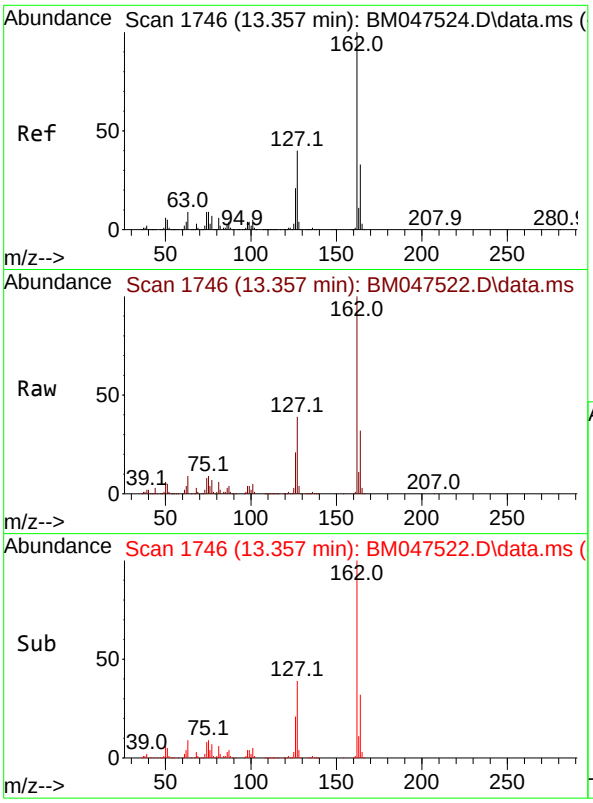


#46
1,1'-Biphenyl
Concen: 9.295 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:154 Resp: 608567

Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.6	60.6
76	13.6	0.0	33.9

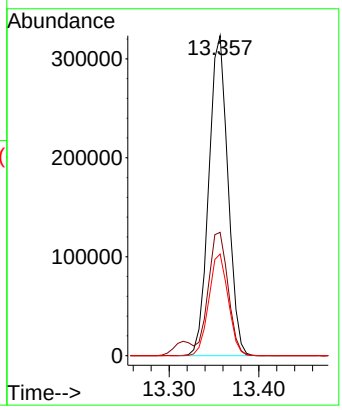




#47
2-Chloronaphthalene
Concen: 9.408 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:162 Resp: 47824

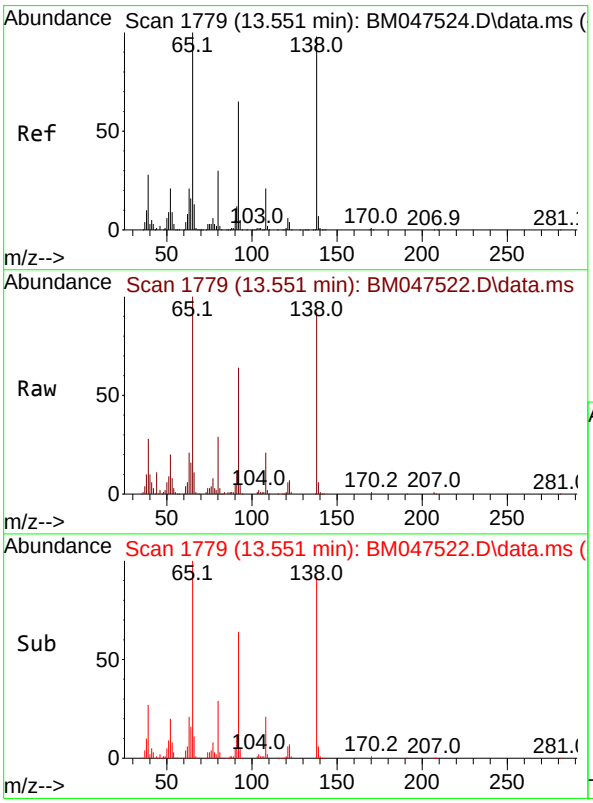
Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.2	48.4
164	31.7	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

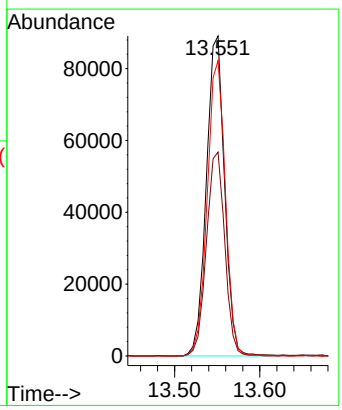
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

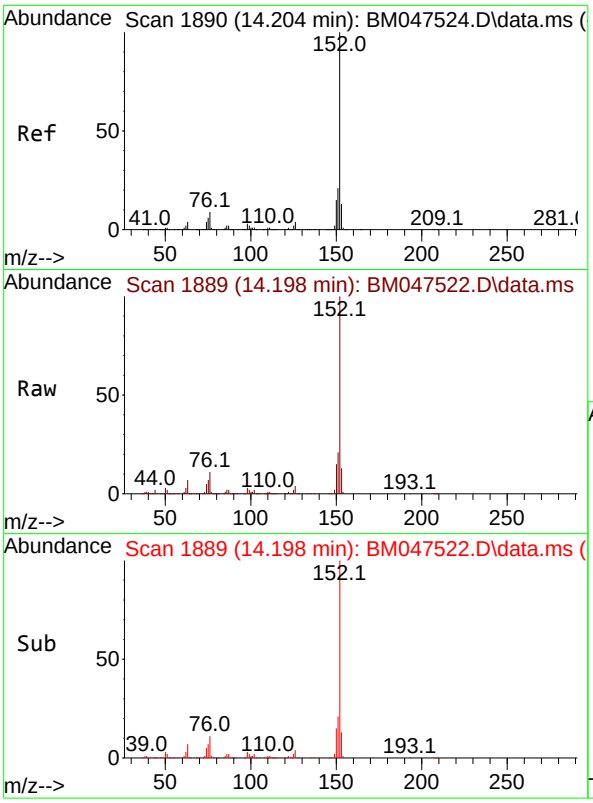


#48
2-Nitroaniline
Concen: 8.856 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 65 Resp: 132239

Ion	Ratio	Lower	Upper
65	100		
92	63.7	51.9	77.9
138	92.3	78.5	117.7

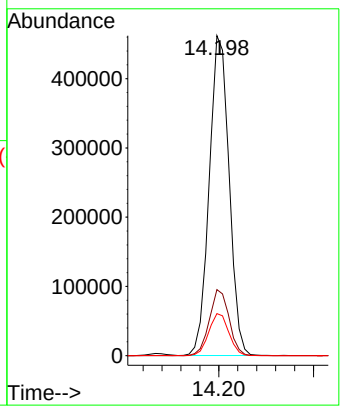




#49
Acenaphthylene
Concen: 9.163 ng
RT: 14.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:152 Resp: 67216

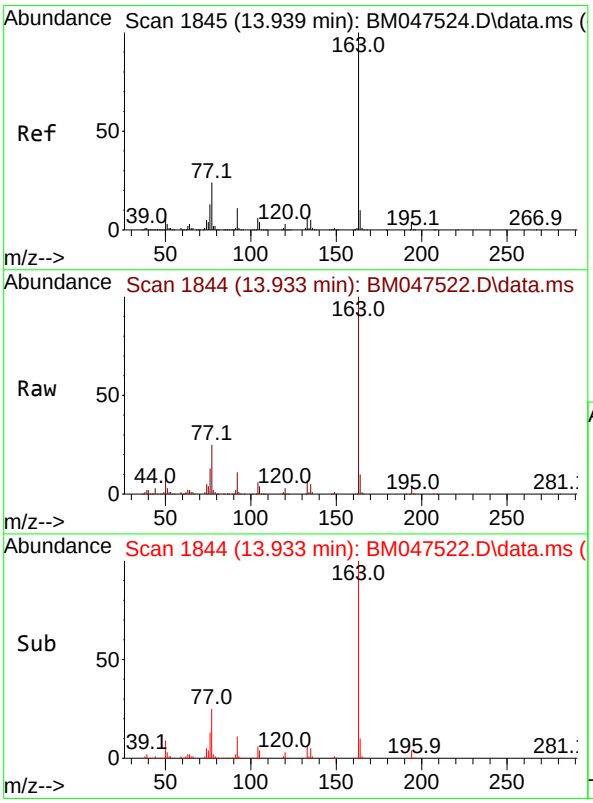
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7
153	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

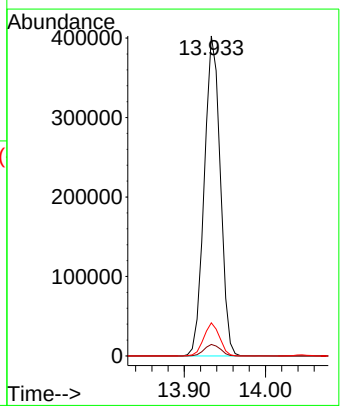
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

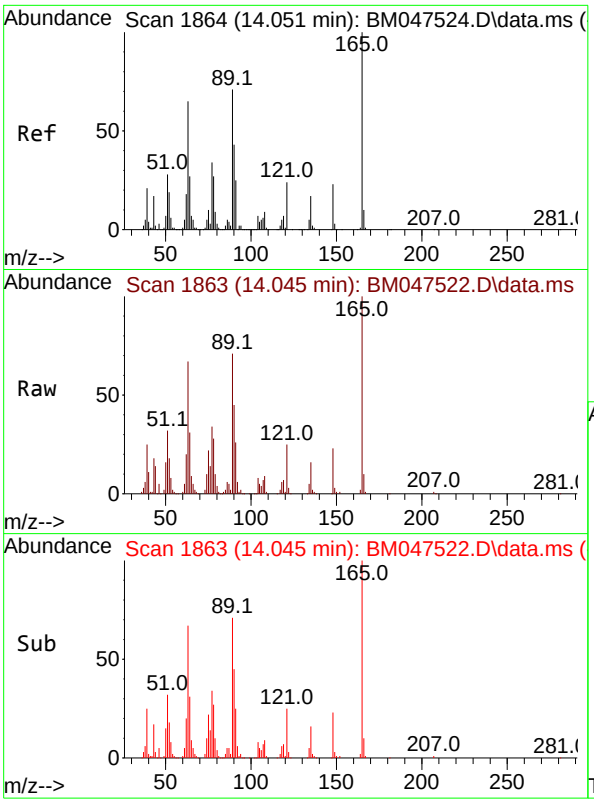


#50
Dimethylphthalate
Concen: 9.597 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:163 Resp: 550414

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.3	7.9	11.9

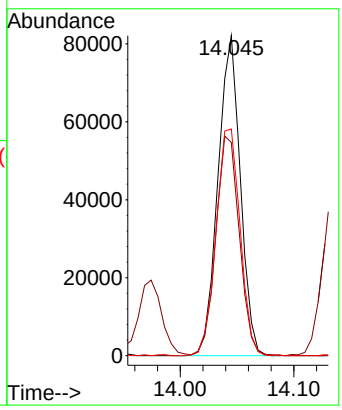




#51
2,6-Dinitrotoluene
Concen: 9.262 ng
RT: 14.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:165 Resp: 11213

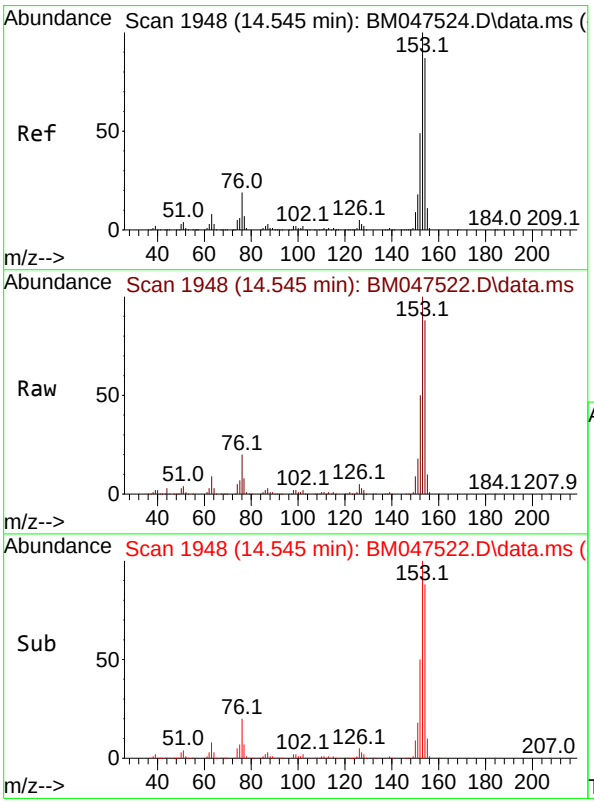
Ion	Ratio	Lower	Upper
165	100		
63	66.7	54.2	81.2
89	70.8	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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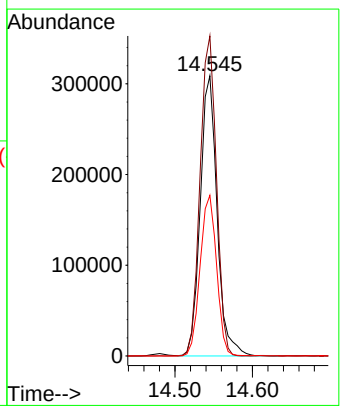
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

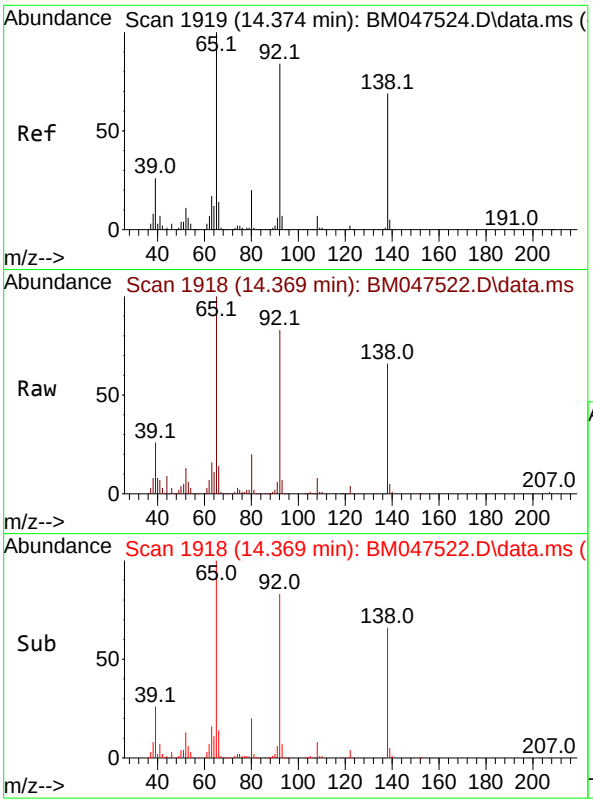


#52
Acenaphthene
Concen: 9.096 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:154 Resp: 467519

Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.2	138.2
152	57.4	45.4	68.0





#53
3-Nitroaniline
Concen: 8.888 ng
RT: 14.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

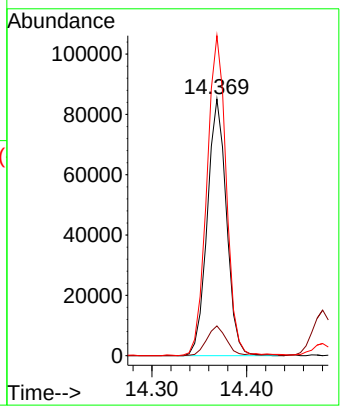
Tgt Ion:138 Resp: 11961

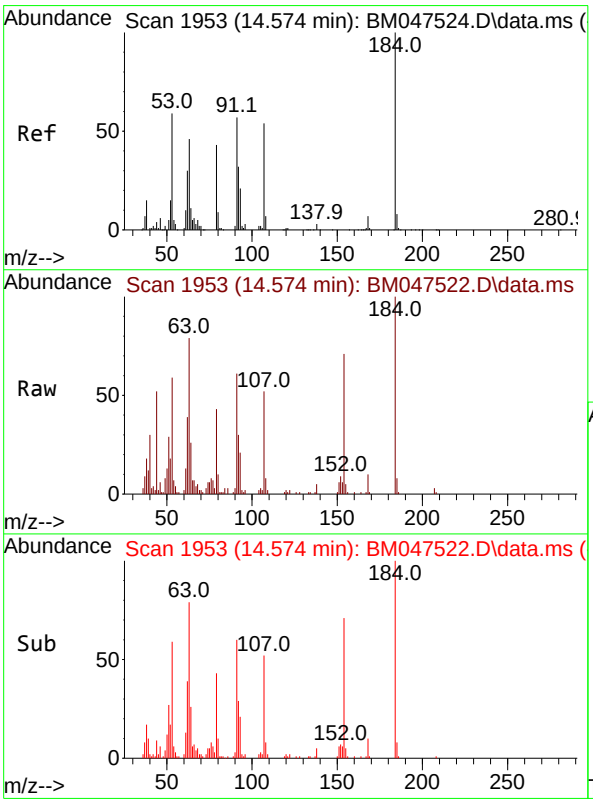
Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.0	12.0
92	124.7	97.4	146.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

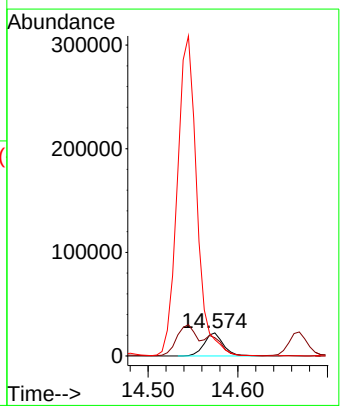


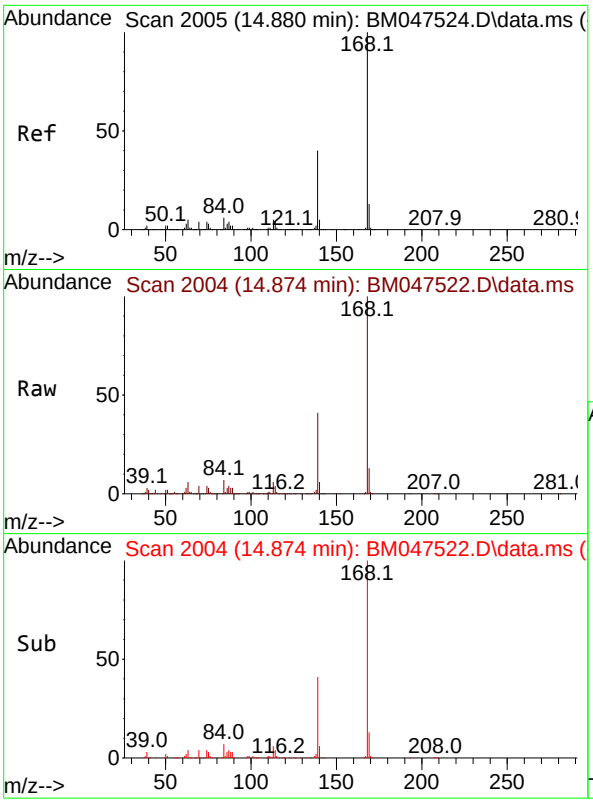


#54
2,4-Dinitrophenol
Concen: 9.768 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:184 Resp: 33163

Ion	Ratio	Lower	Upper
184	100		
63	79.2	69.4	104.0
154	70.7	60.4	90.6

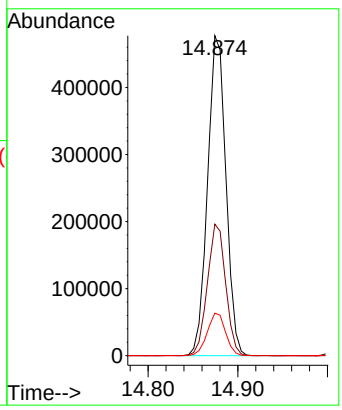




#55
Dibenzofuran
Concen: 9.374 ng
RT: 14.874 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:168 Resp: 67708

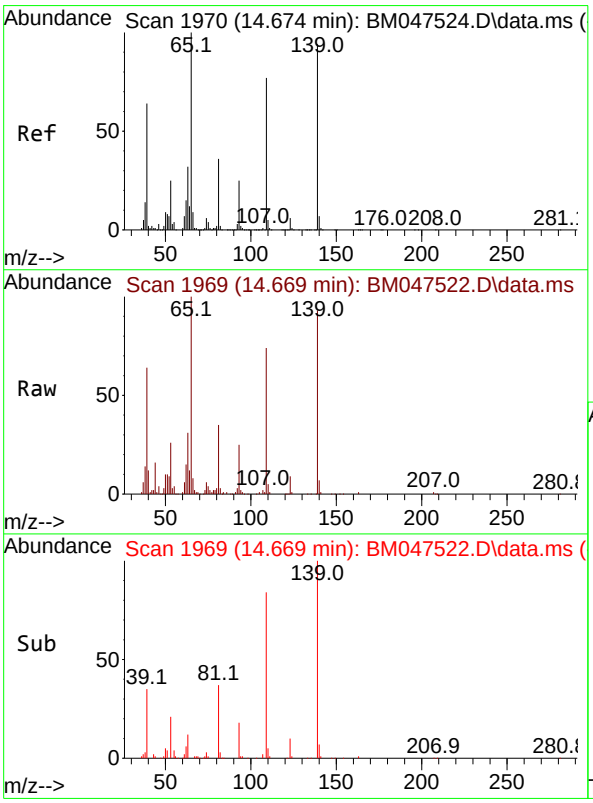
Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.9	47.9
169	13.3	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

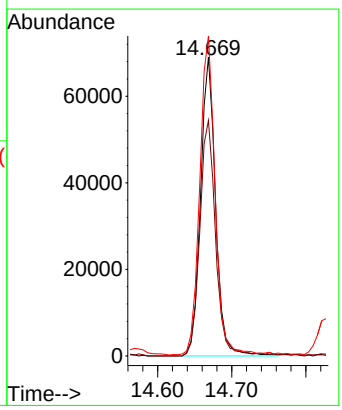
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

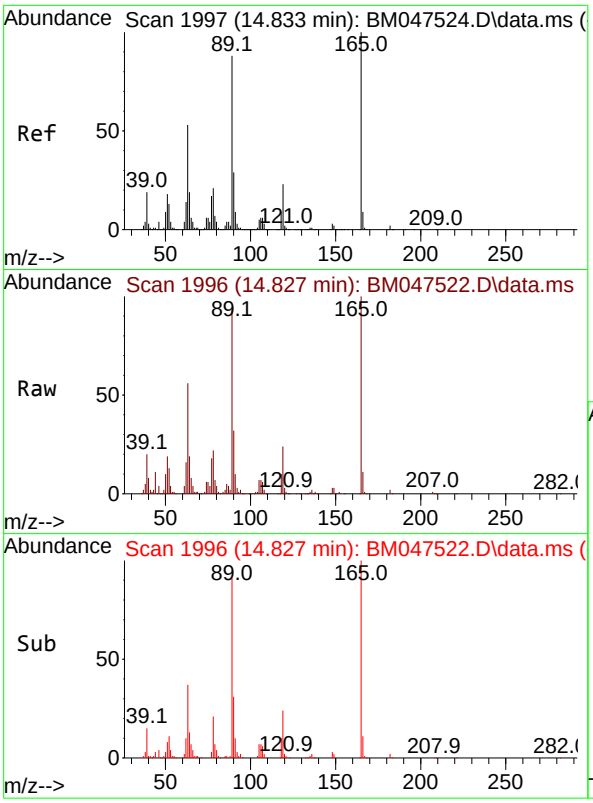


#56
4-Nitrophenol
Concen: 8.794 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:139 Resp: 97384

Ion	Ratio	Lower	Upper
139	100		
109	78.8	62.0	102.0
65	107.1	87.0	127.0

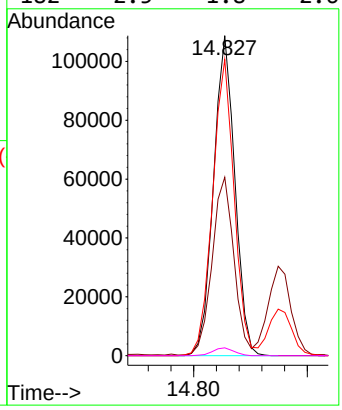




#57
2,4-Dinitrotoluene
Concen: 8.797 ng
RT: 14.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:165 Resp: 14204

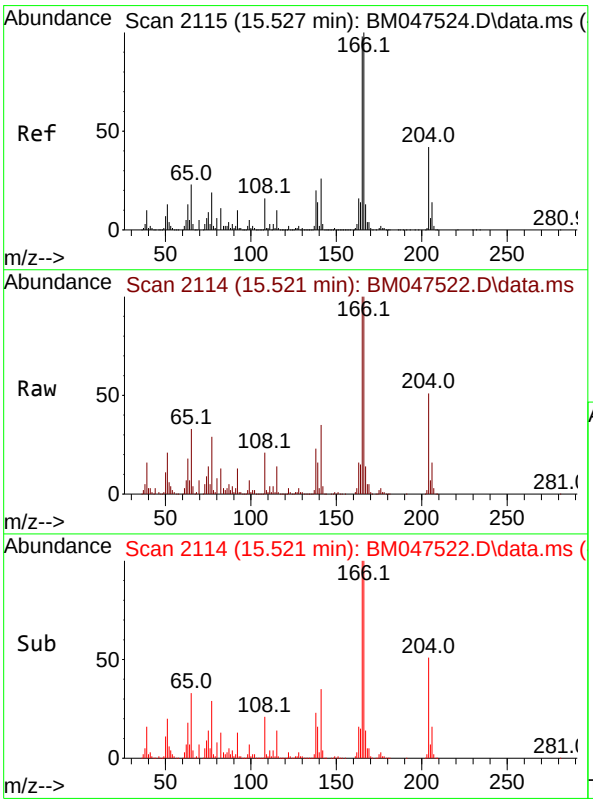
Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.4	63.6
89	92.6	70.5	105.7
182	2.5	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

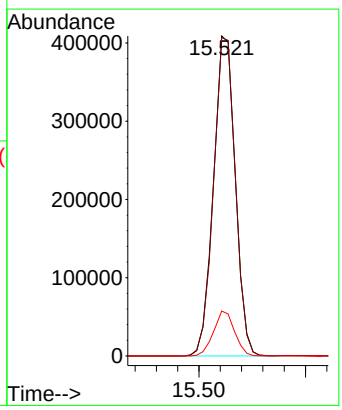
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

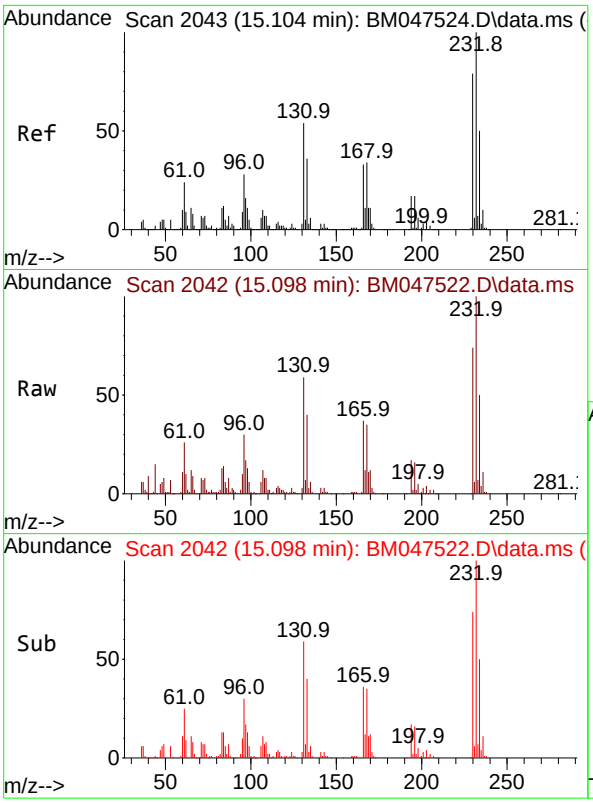


#58
Fluorene
Concen: 8.914 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:166 Resp: 579655

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	14.1	10.7	16.1

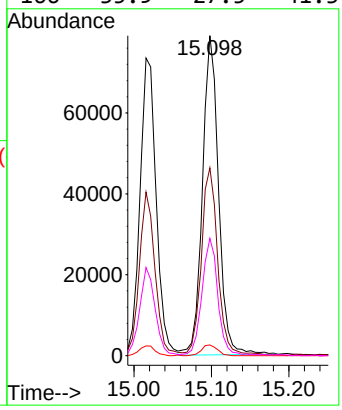




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.069 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:232 Resp: 11392

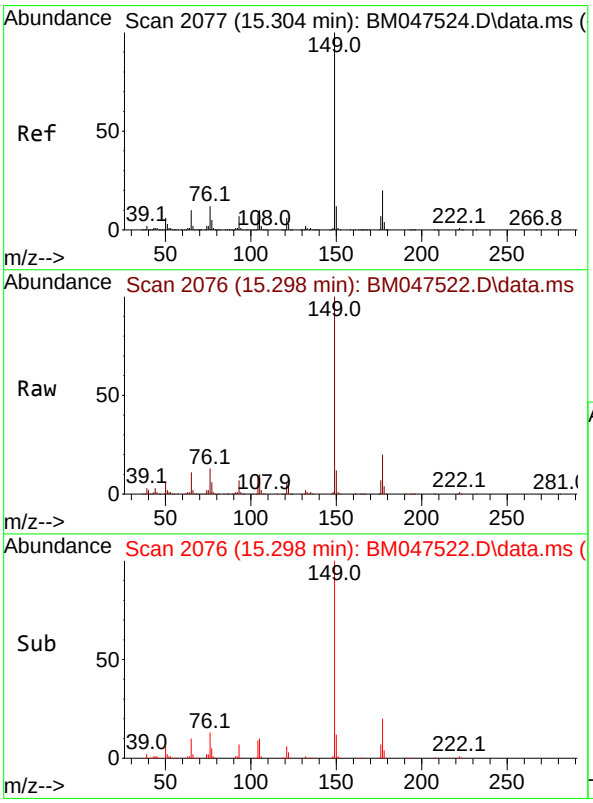
Ion	Ratio	Lower	Upper
232	100		
131	60.7	47.0	70.4
130	3.3	2.6	3.8
166	35.9	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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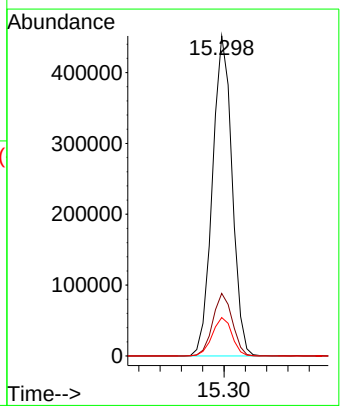
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

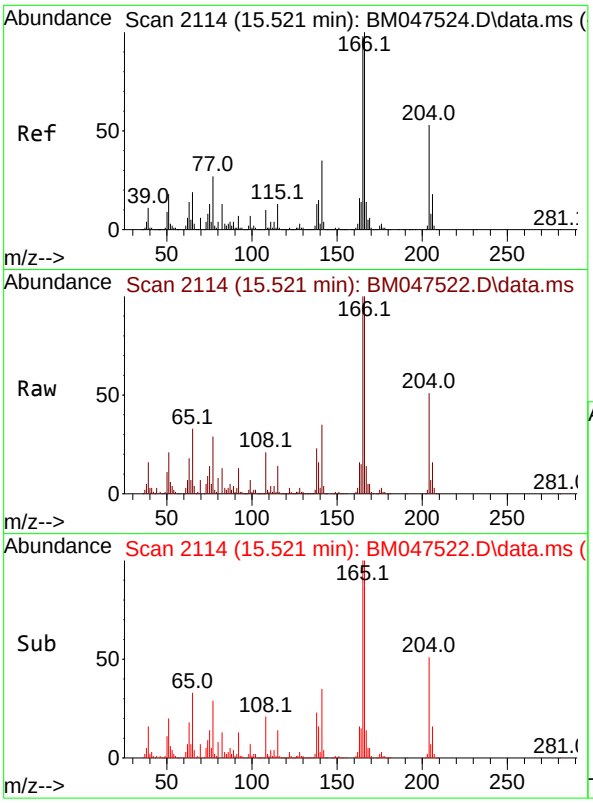


#60
Diethylphthalate
Concen: 9.472 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:149 Resp: 578136

Ion	Ratio	Lower	Upper
149	100		
177	19.5	15.8	23.8
150	12.0	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 8.849 ng
RT: 15.521 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

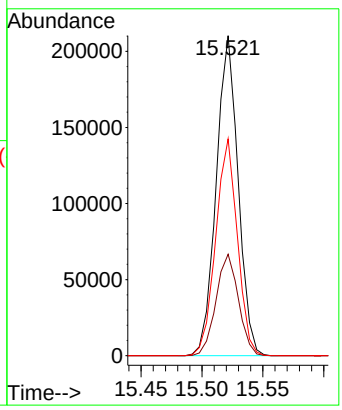
Tgt Ion:204 Resp: 26312

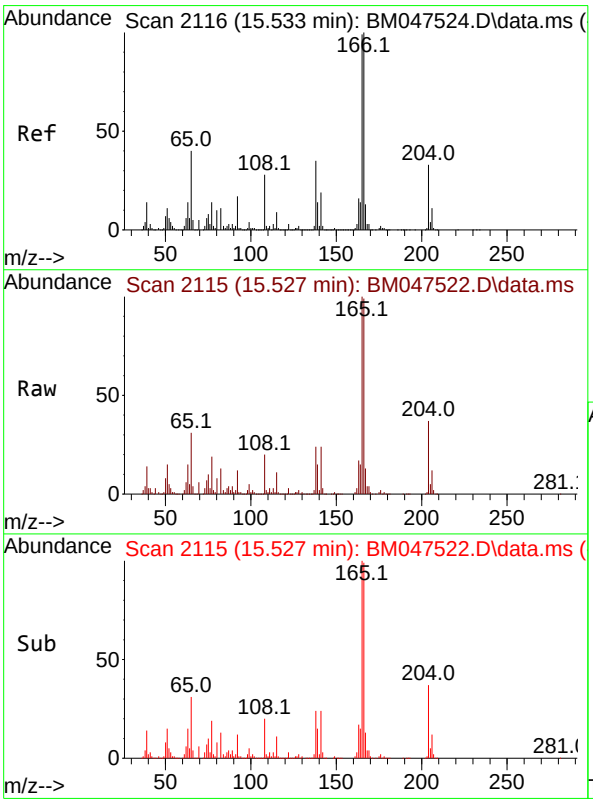
Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.5	39.7
141	67.8	52.1	78.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

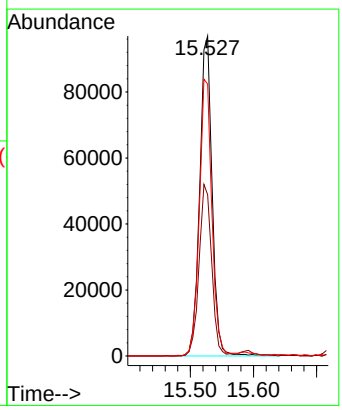


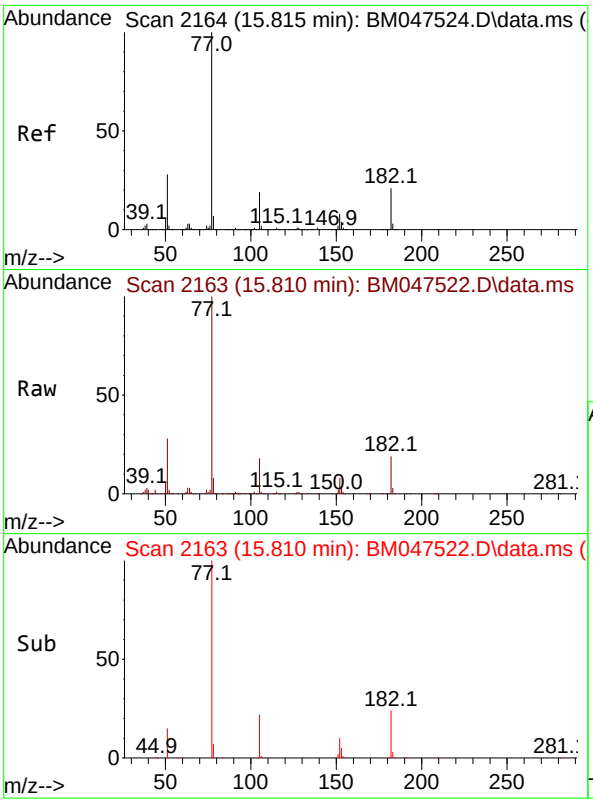


#62
4-Nitroaniline
Concen: 8.380 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:138 Resp: 132564

Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.0	70.0
108	85.0	61.7	101.7

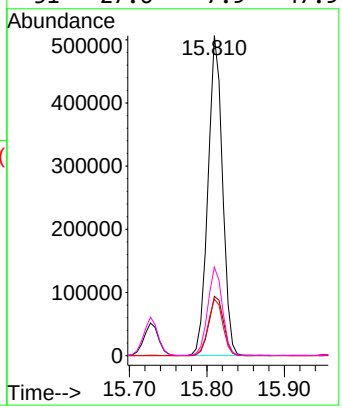




#63
Azobenzene
Concen: 9.759 ng
RT: 15.810 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 77 Resp: 65589

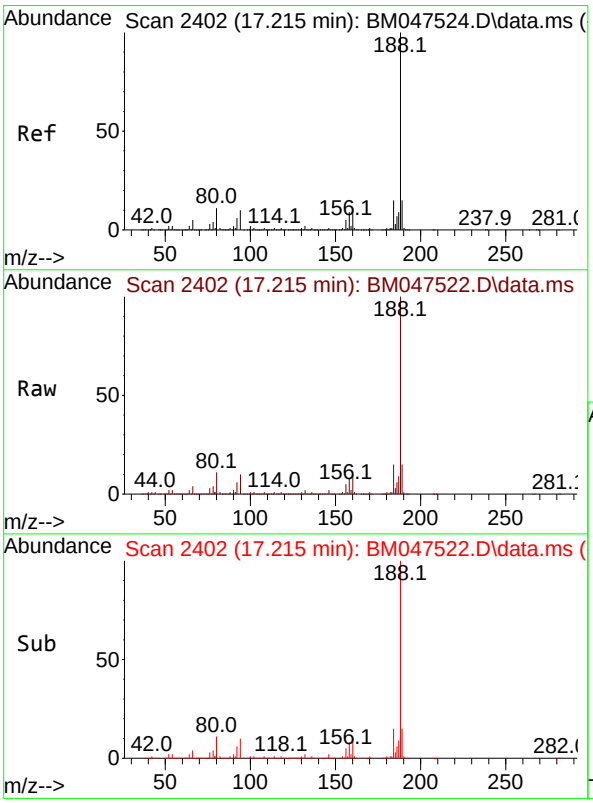
Ion	Ratio	Lower	Upper
77	100		
182	18.5	1.2	41.2
105	17.6	0.0	39.4
51	27.6	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

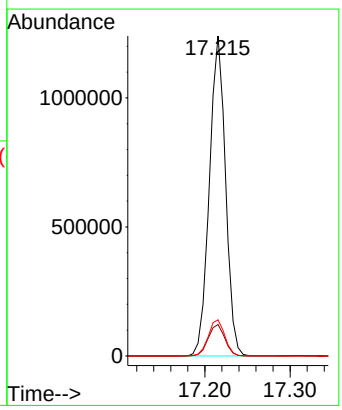
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

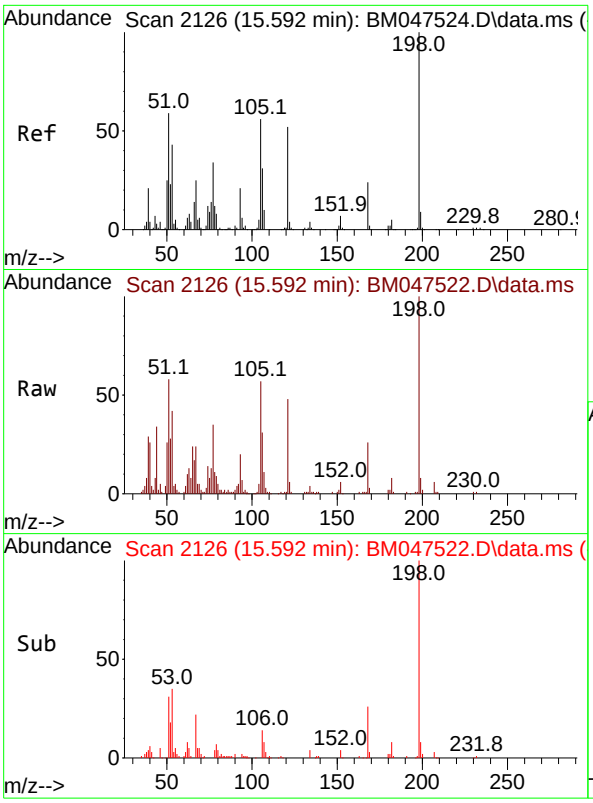


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:188 Resp: 1630578

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	11.3	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 12.260 ng
RT: 15.592 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

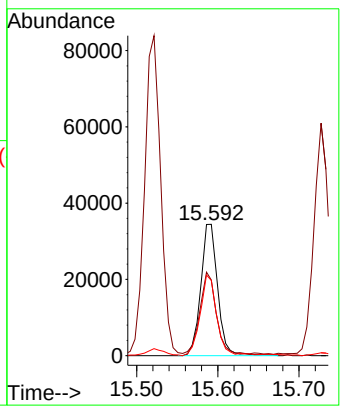
Tgt Ion:198 Resp: 4968

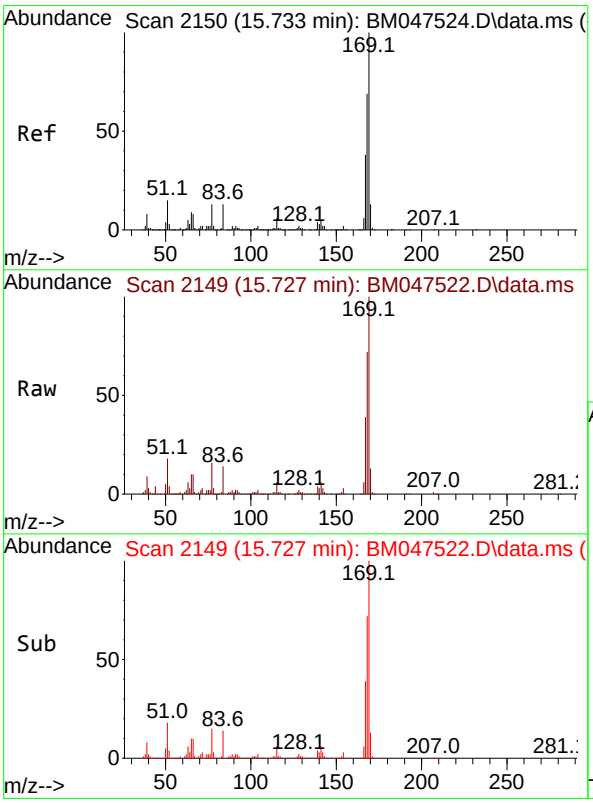
Ion	Ratio	Lower	Upper
198	100		
51	57.7	41.5	81.5
105	57.2	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

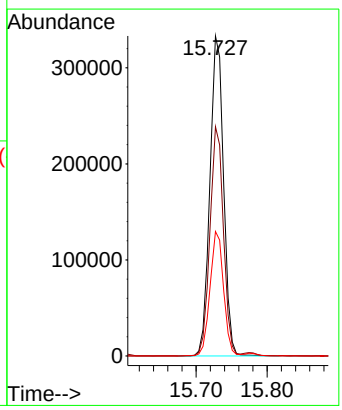


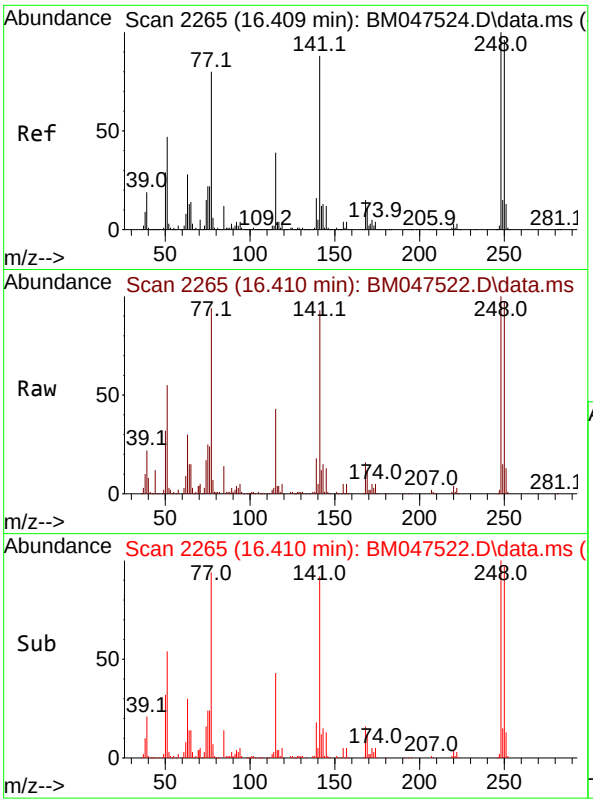


#66
n-Nitrosodiphenylamine
Concen: 8.925 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:169 Resp: 445180

Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.3	82.9
167	38.9	30.5	45.7





#67
4-Bromophenyl-phenylether
Concen: 8.738 ng
RT: 16.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

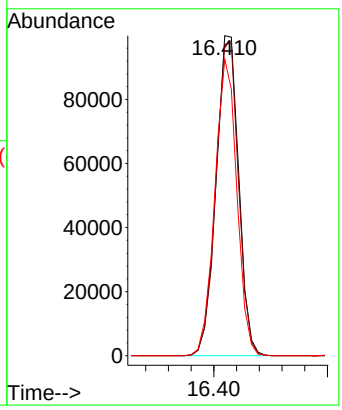
Tgt Ion:248 Resp: 13844

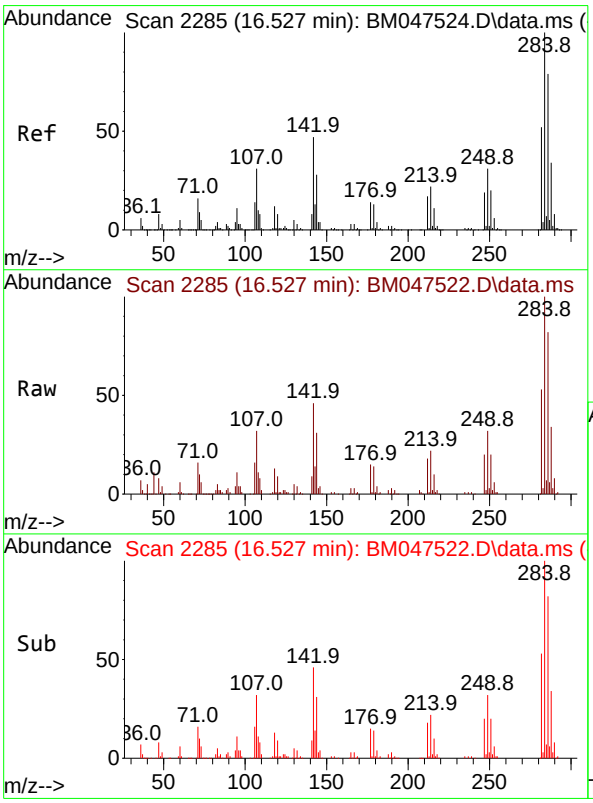
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	92.6	70.8	106.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

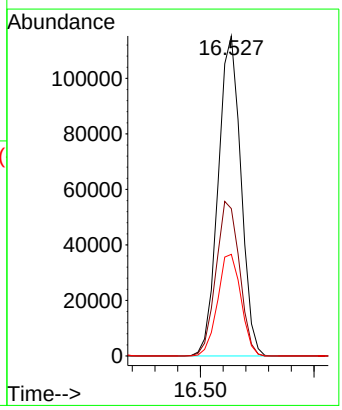


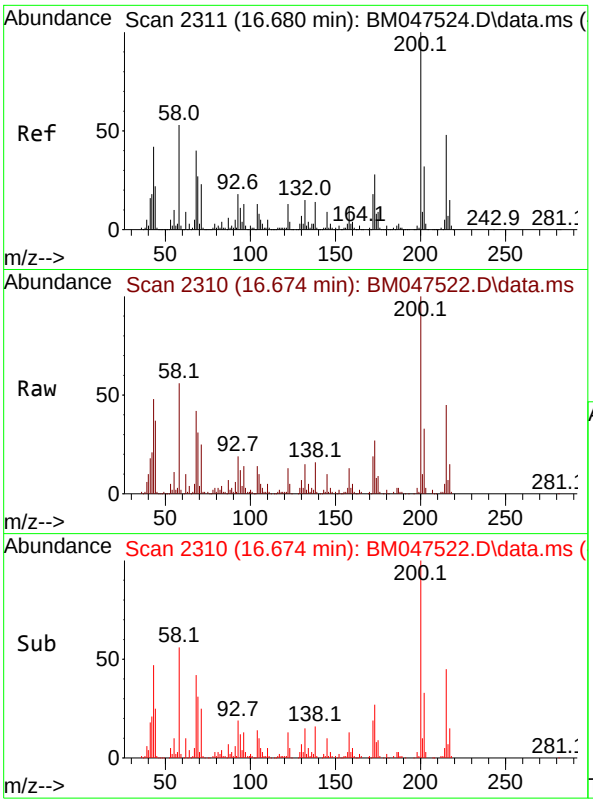


#68
Hexachlorobenzene
Concen: 8.922 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:284 Resp: 160144

Ion	Ratio	Lower	Upper
284	100		
142	46.1	37.3	55.9
249	31.7	24.5	36.7

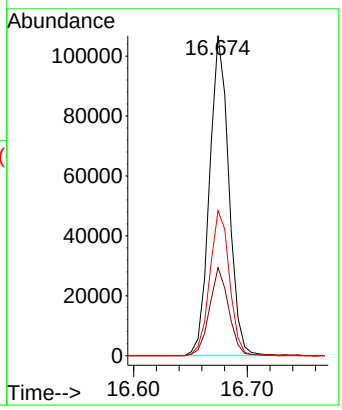




#69
Atrazine
Concen: 9.145 ng
RT: 16.674 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:200 Resp: 12608

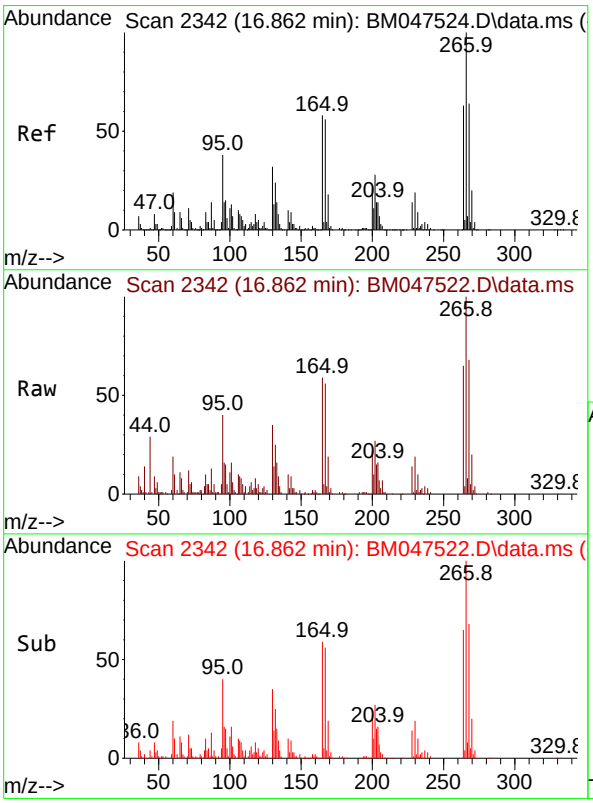
Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.7	47.7
215	45.3	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

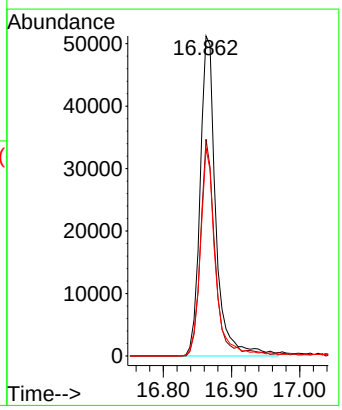
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

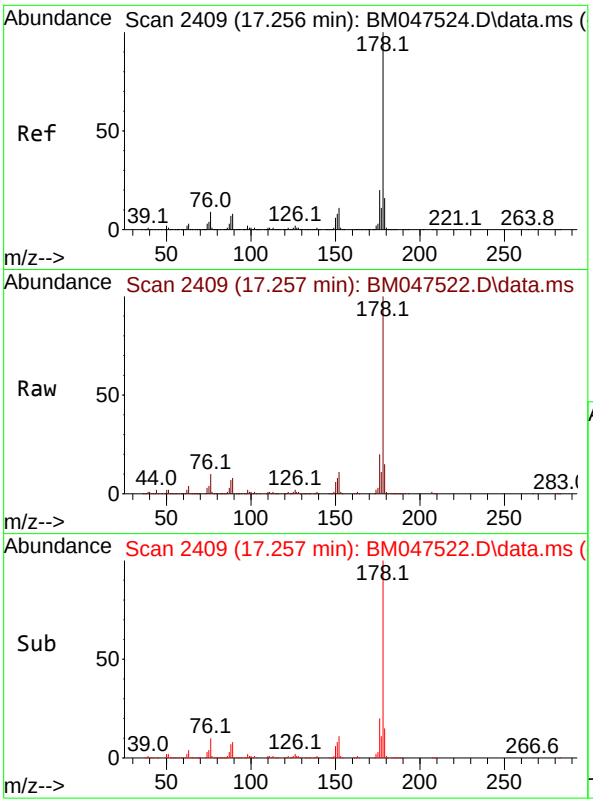


#70
Pentachlorophenol
Concen: 7.890 ng
RT: 16.862 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:266 Resp: 82092

Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.0	76.4
264	64.9	50.4	75.6

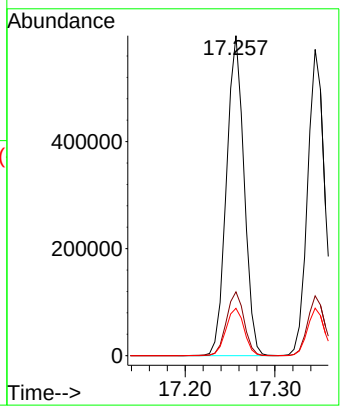




#71
Phenanthrene
Concen: 9.064 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:178 Resp: 81448(

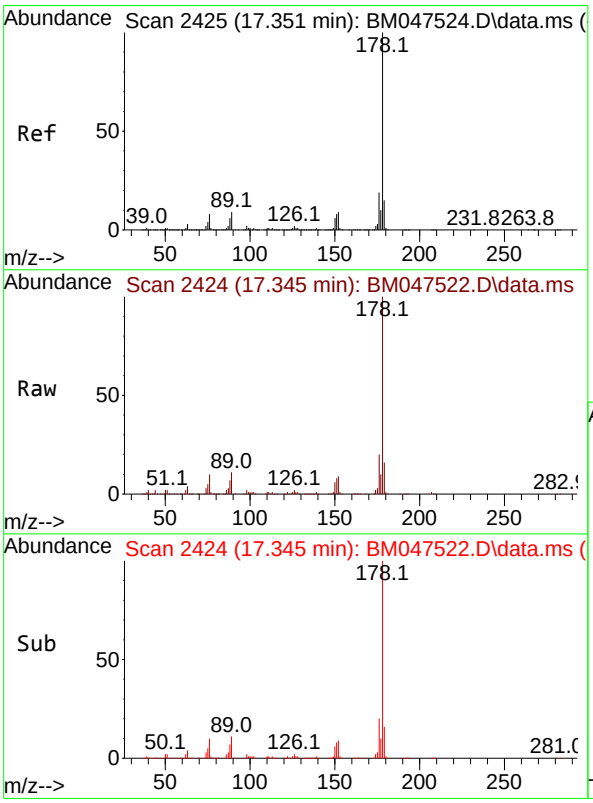
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	14.8	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

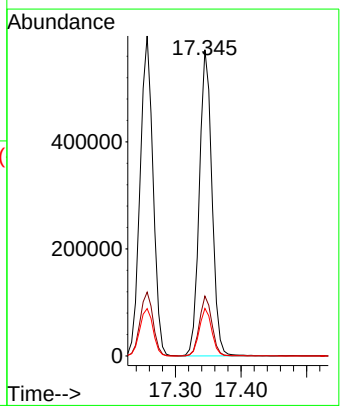
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

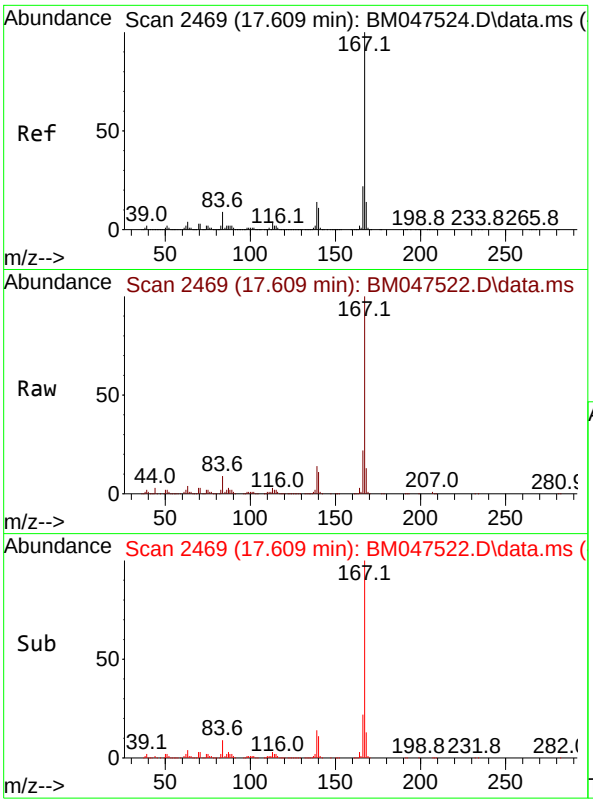


#72
Anthracene
Concen: 8.864 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:178 Resp: 765298

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.5	12.3	18.5

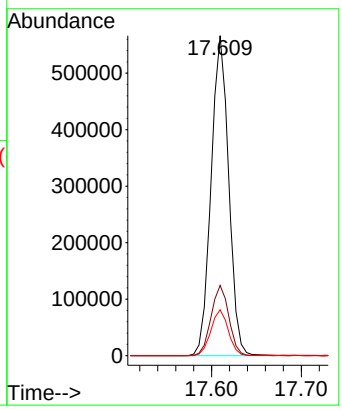




#73
Carbazole
Concen: 9.011 ng
RT: 17.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:167 Resp: 77098

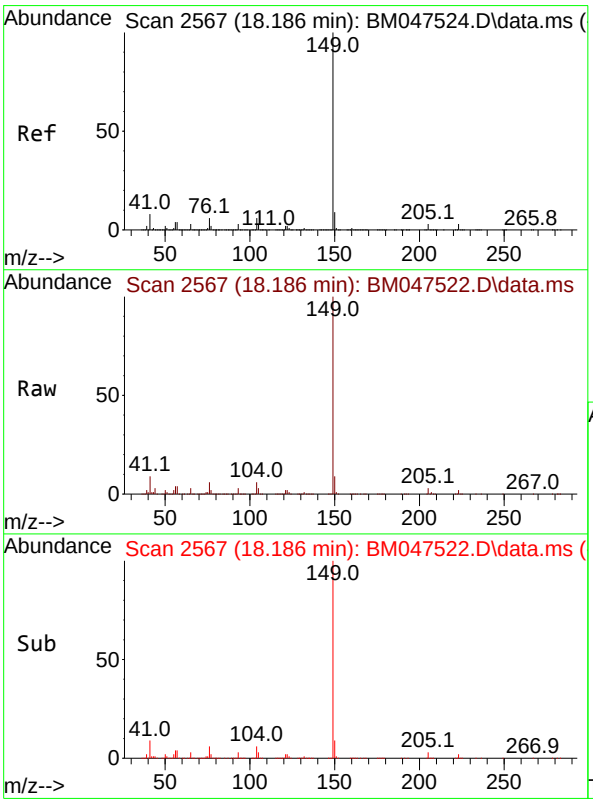
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	14.3	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

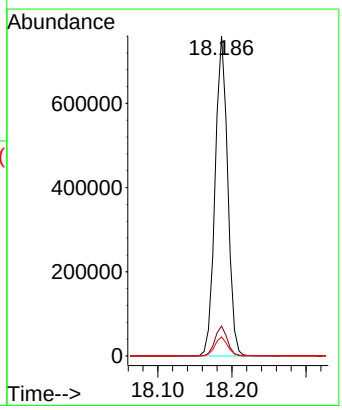
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

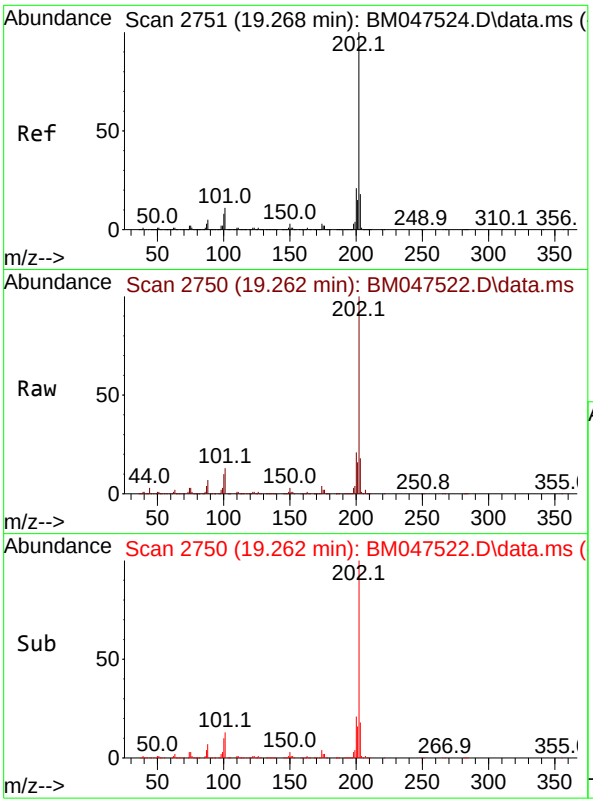


#74
Di-n-butylphthalate
Concen: 8.736 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:149 Resp: 894326

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.0	4.6	6.8

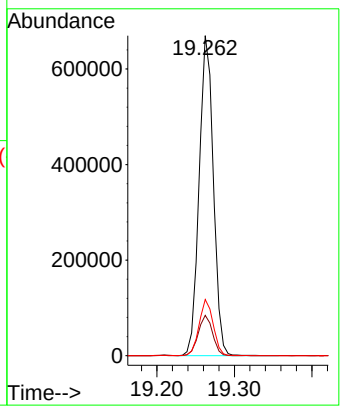




#75
Fluoranthene
Concen: 8.684 ng
RT: 19.262 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:202 Resp: 85141

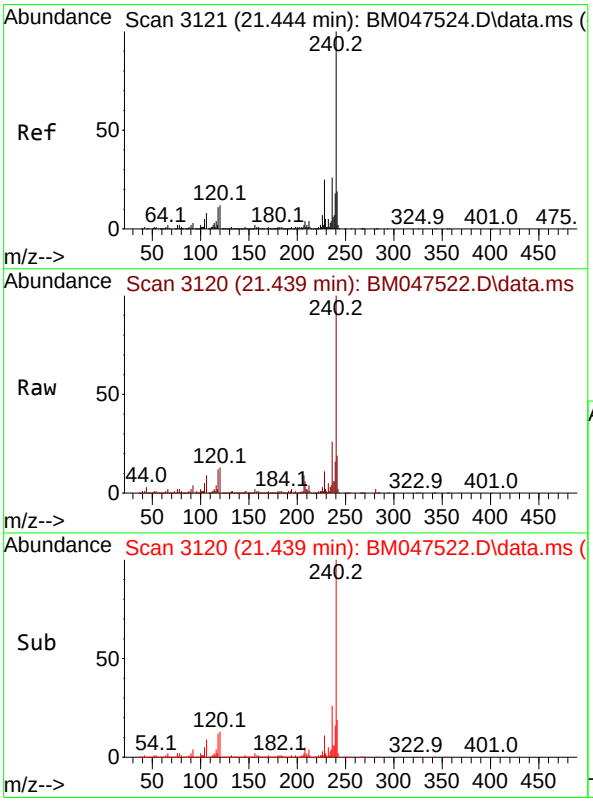
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.8
203	17.6	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

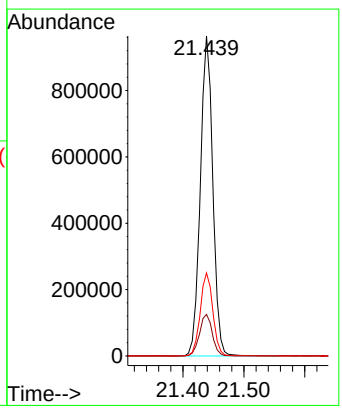
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

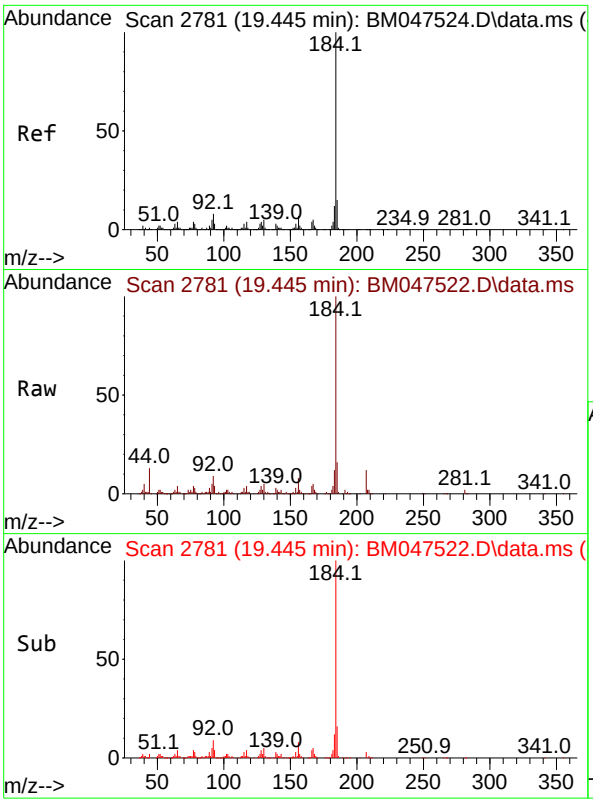


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:240 Resp: 1372489

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.6	14.4
236	26.0	20.9	31.3

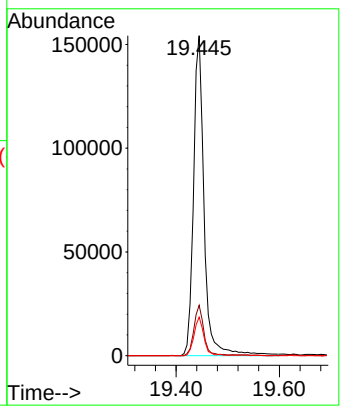




#77
Benzidine
Concen: 11.370 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:184 Resp: 21978

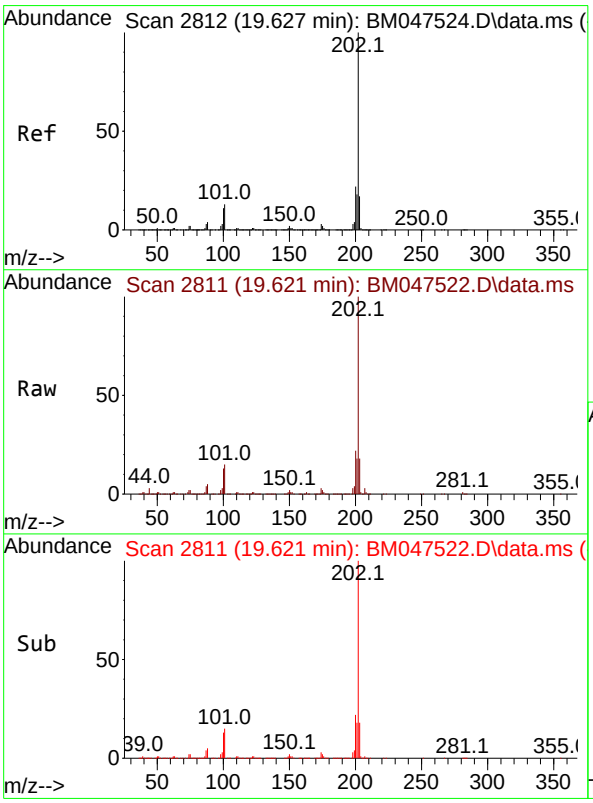
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	12.1	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

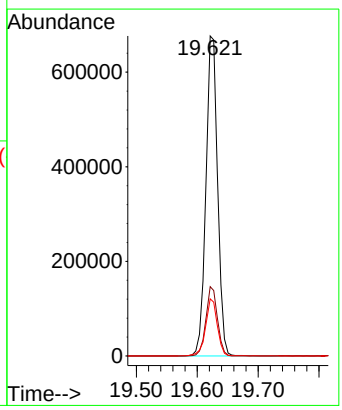
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

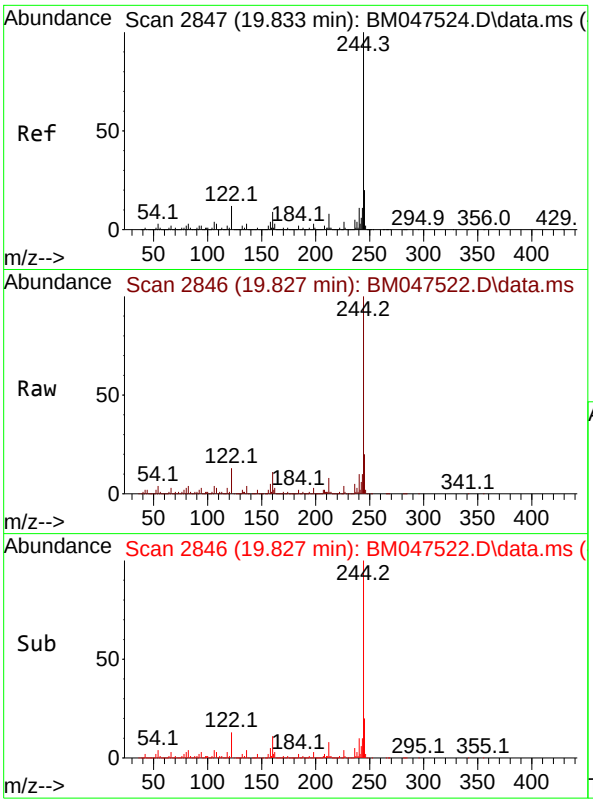


#78
Pyrene
Concen: 9.028 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:202 Resp: 903792

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.8	14.0	21.0

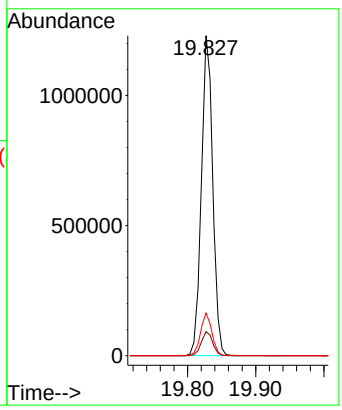




#79
Terphenyl-d14
Concen: 18.586 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:244 Resp: 142357

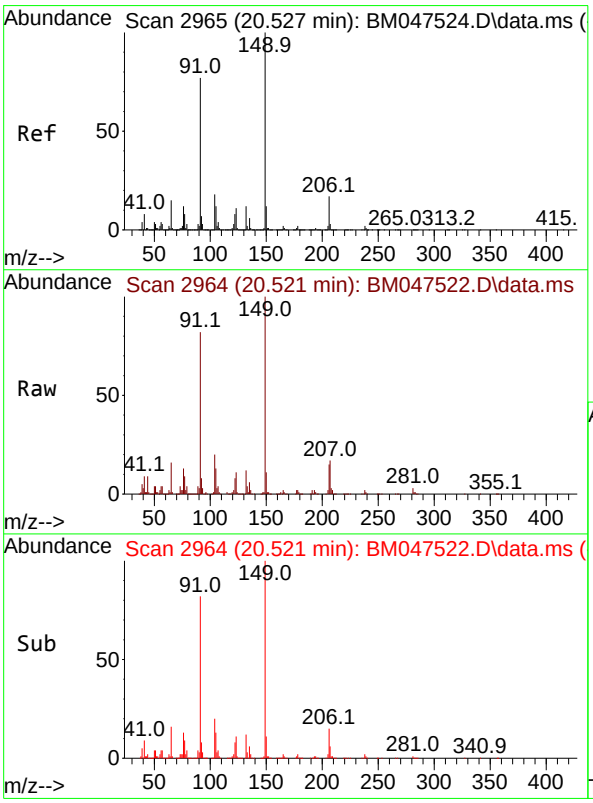
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.3	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

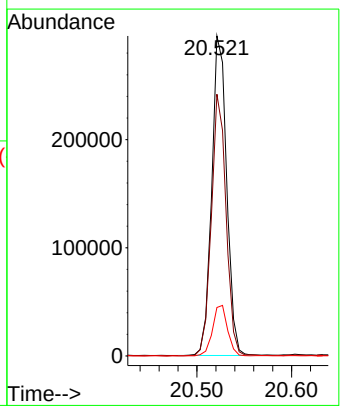
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

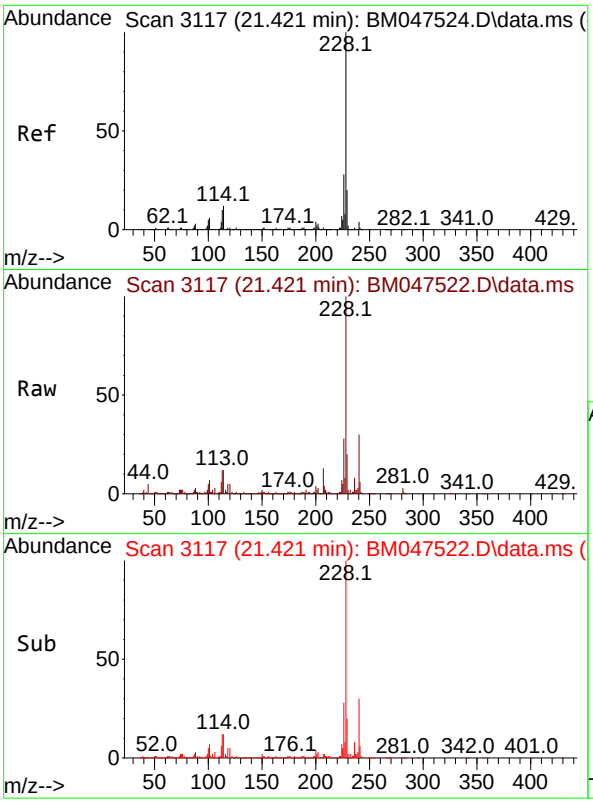


#80
Butylbenzylphthalate
Concen: 8.440 ng
RT: 20.521 min Scan# 2964
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:149 Resp: 325275

Ion	Ratio	Lower	Upper
149	100		
91	81.8	62.0	93.0
206	15.2	13.8	20.8

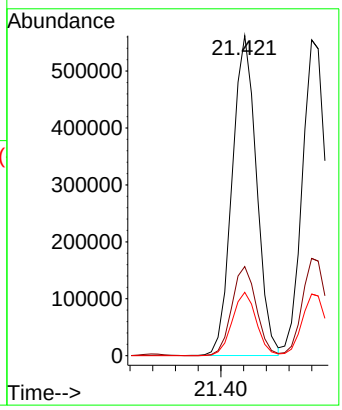




#81
Benzo(a)anthracene
Concen: 9.357 ng
RT: 21.421 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:228 Resp: 83707

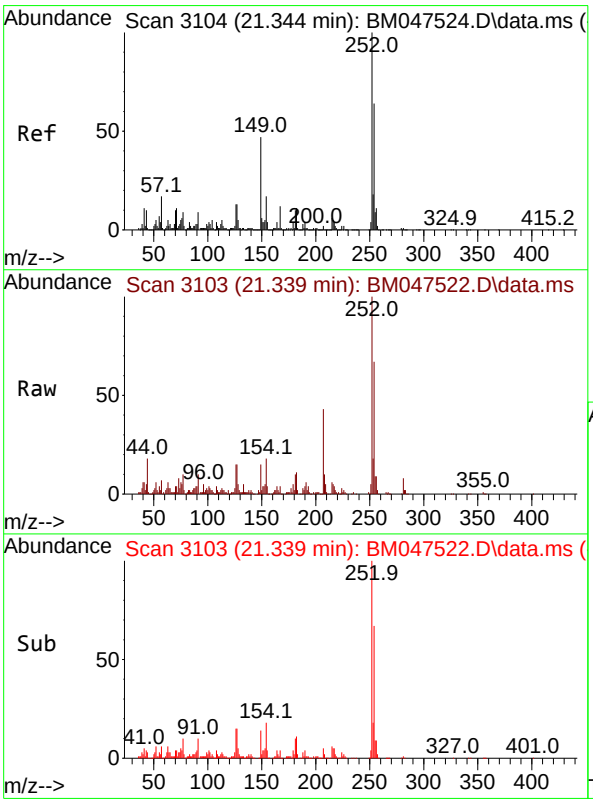
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.8	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

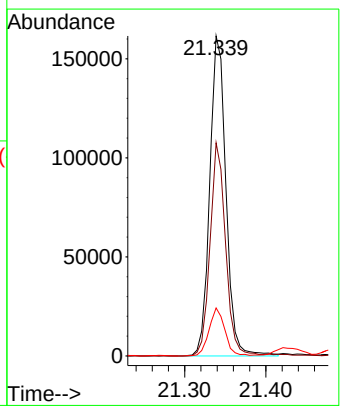
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

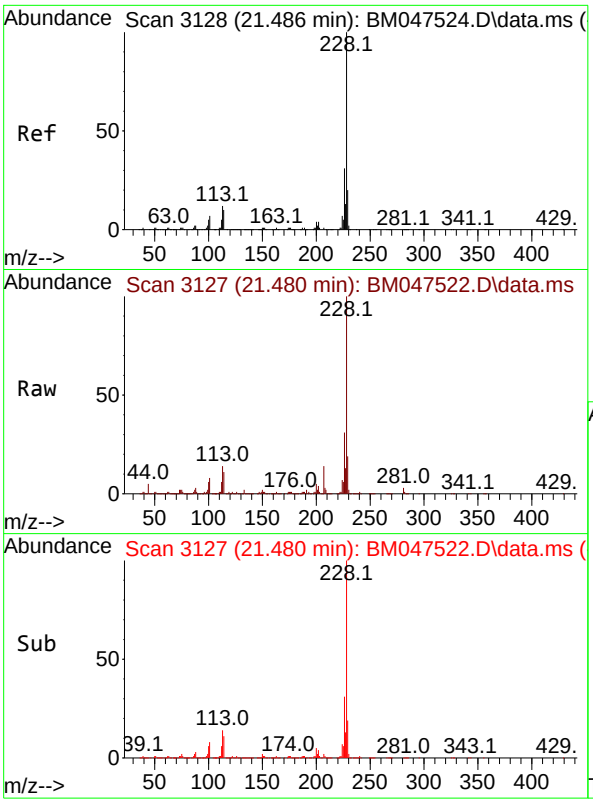


#82
3,3'-Dichlorobenzidine
Concen: 9.410 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:252 Resp: 223939

Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.5	77.3
126	15.0	10.3	15.5

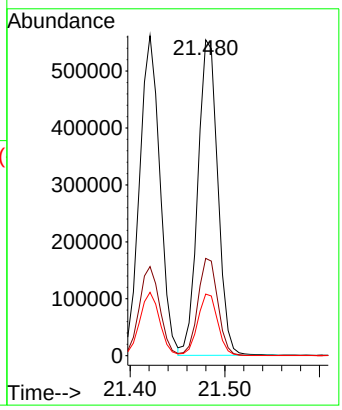




#83
Chrysene
Concen: 9.553 ng
RT: 21.480 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:228 Resp: 80830

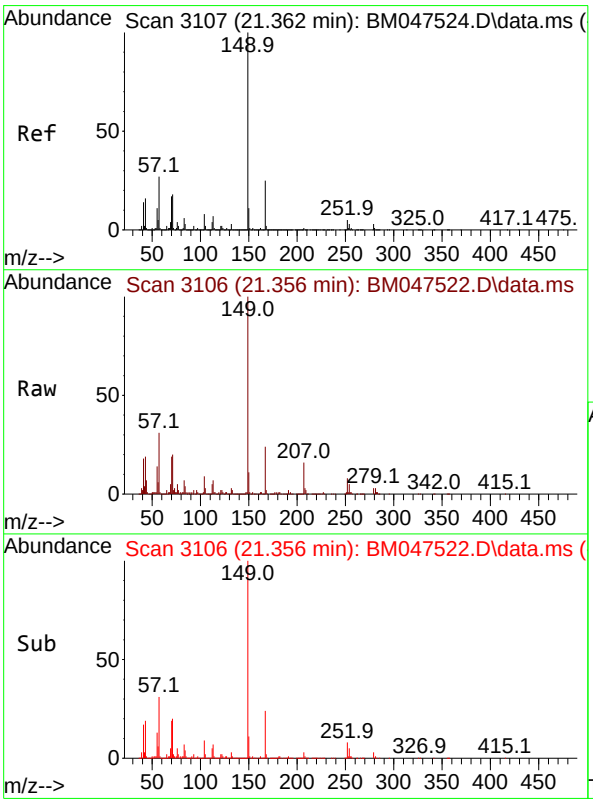
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

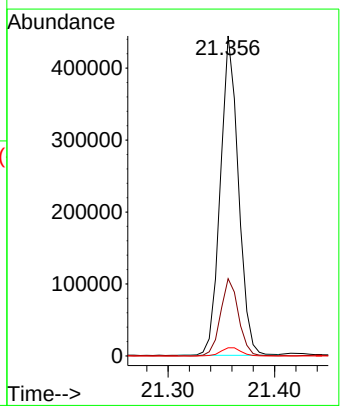
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

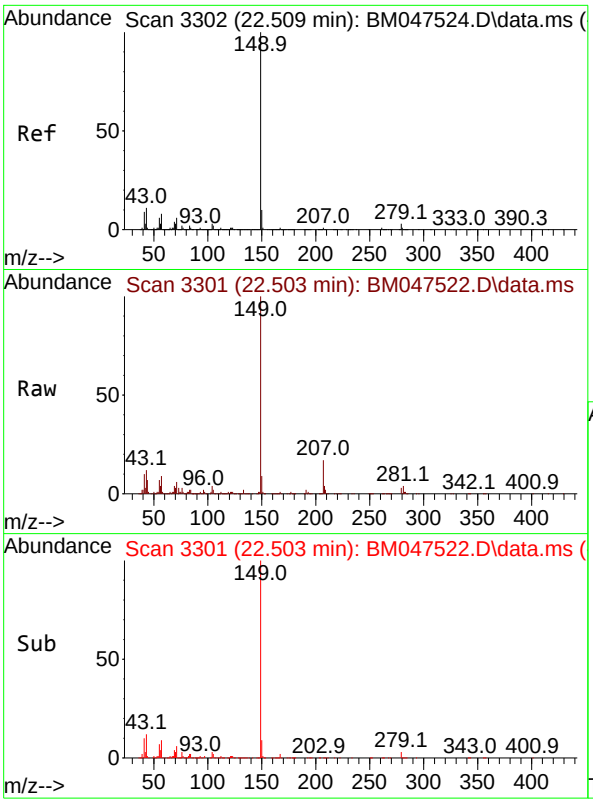


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.654 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:149 Resp: 522491

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.2	30.4
279	2.6	2.6	4.0#

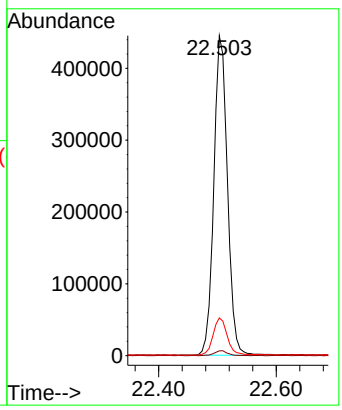




#85
Di-n-octyl phthalate
Concen: 8.380 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:149 Resp: 71560

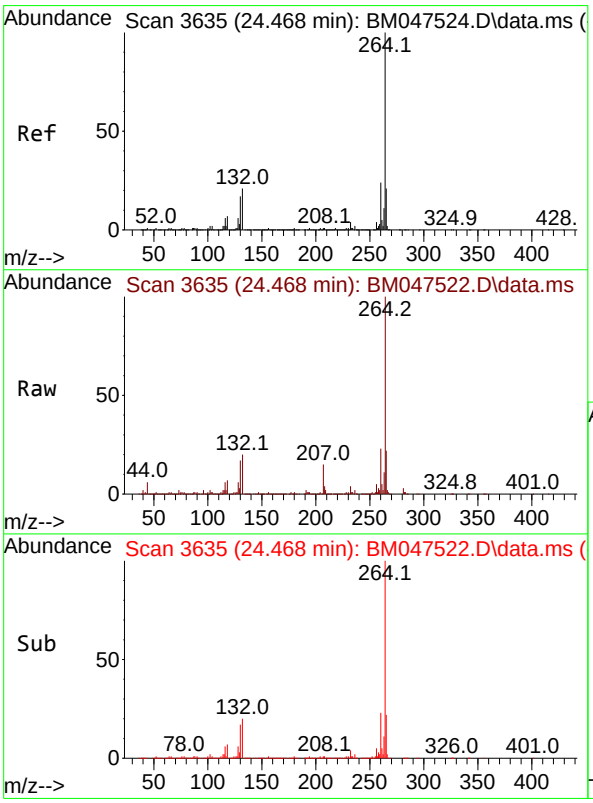
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.1	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

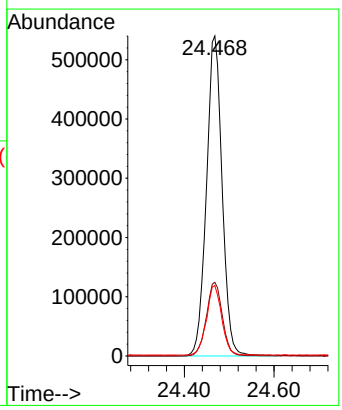
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

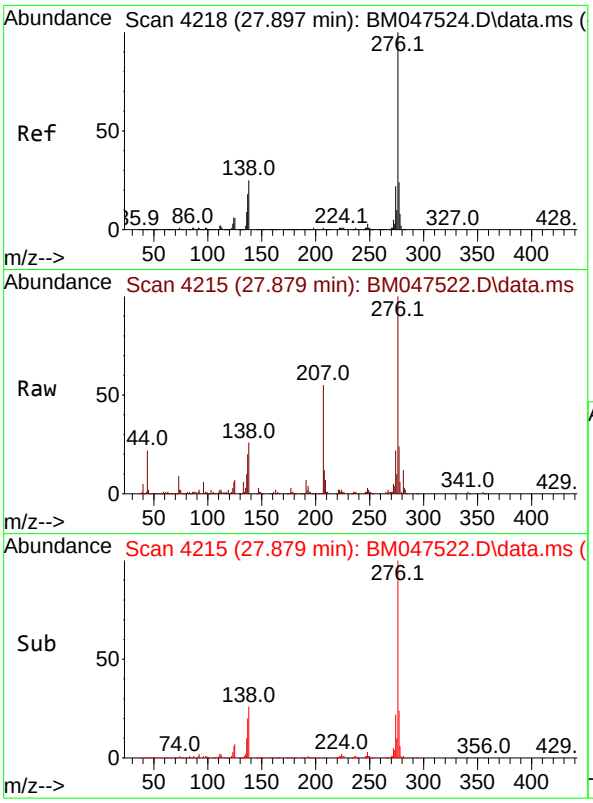


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:264 Resp: 1311119

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.0	17.4	26.2

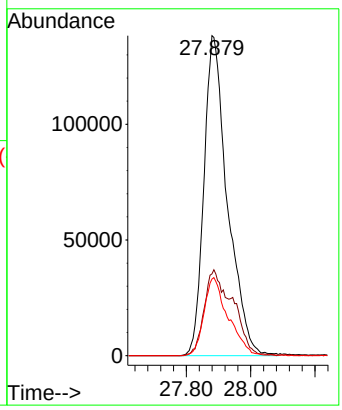




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.979 ng
RT: 27.879 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:276 Resp: 70455

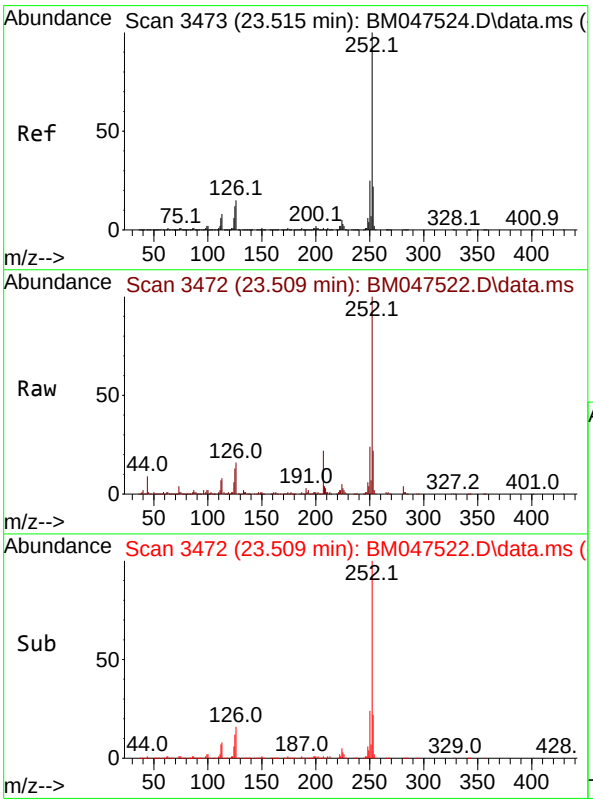
Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.0	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

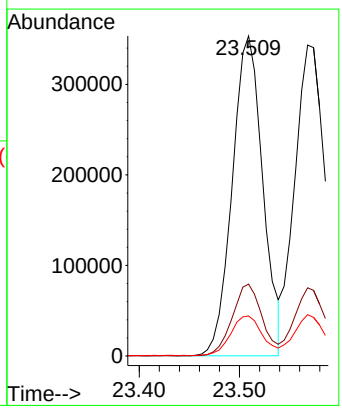
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

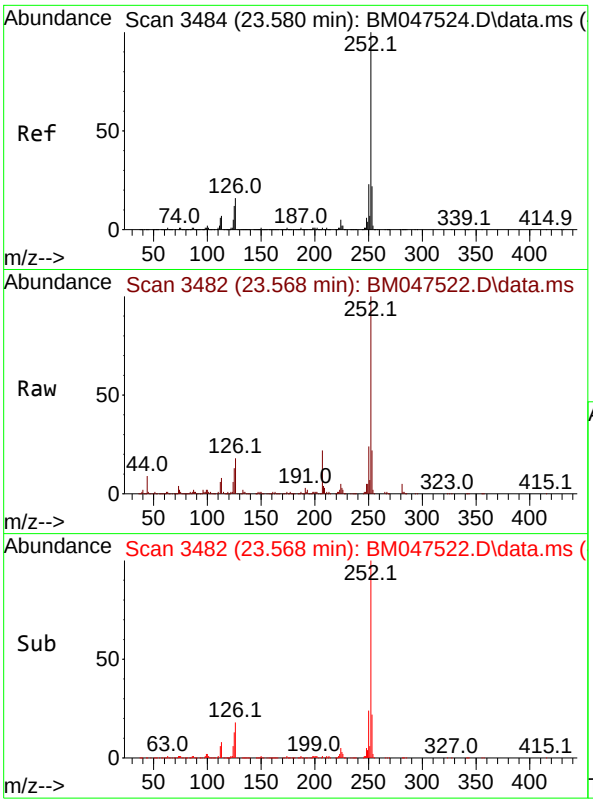


#88
Benzo(b)fluoranthene
Concen: 8.823 ng
RT: 23.509 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:252 Resp: 748473

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.5	9.5	14.3

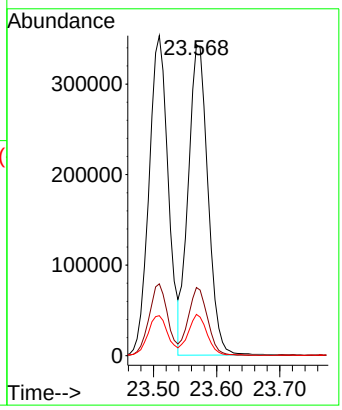




#89
Benzo(k)fluoranthene
Concen: 8.816 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:252 Resp: 74123

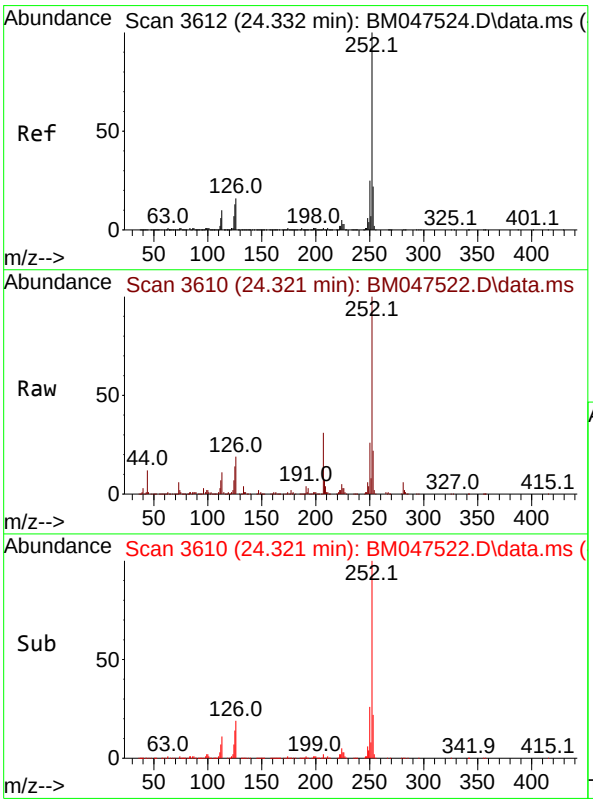
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.3	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

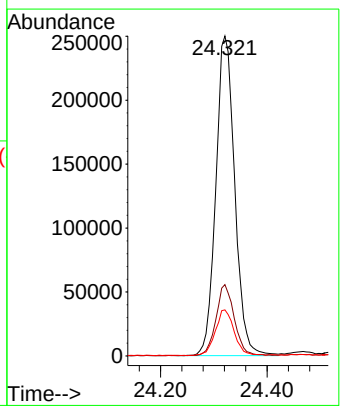
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

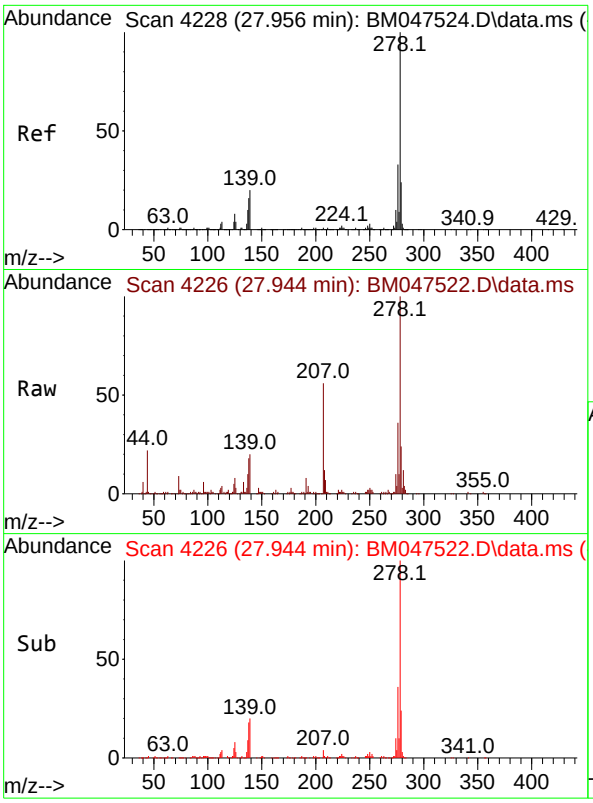


#90
Benzo(a)pyrene
Concen: 8.868 ng
RT: 24.321 min Scan# 3610
Delta R.T. -0.012 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:252 Resp: 616575

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	14.4	10.2	15.4

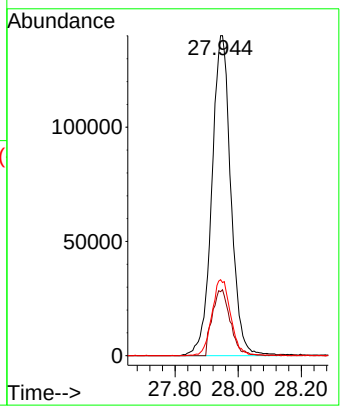




#91
Dibenzo(a,h)anthracene
Concen: 8.876 ng
RT: 27.944 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:278 Resp: 58595

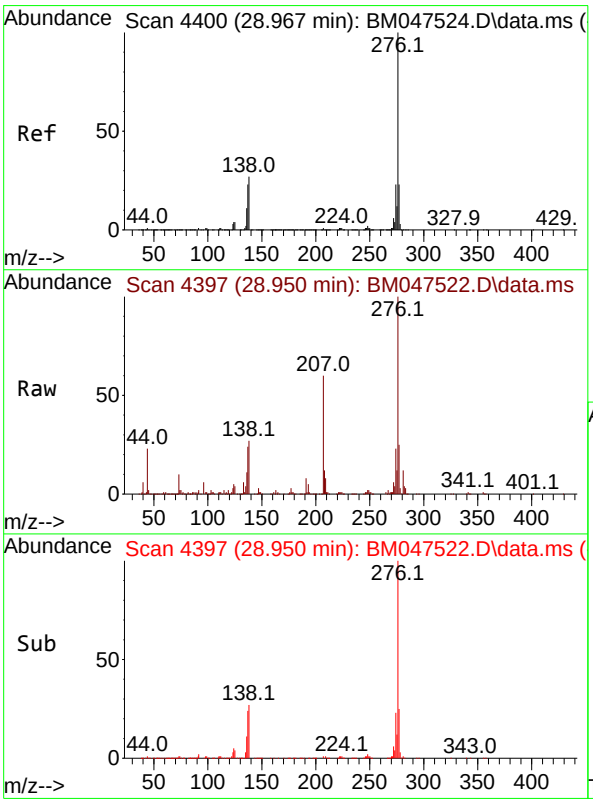
Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	23.8	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

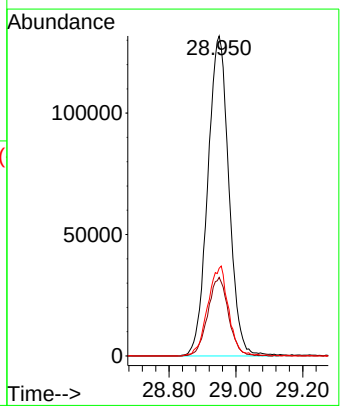
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92
Benzo(g,h,i)perylene
Concen: 8.972 ng
RT: 28.950 min Scan# 4397
Delta R.T. -0.018 min
Lab File: BM047522.D
Acq: 14 Sep 2024 13:16

Tgt Ion:276 Resp: 578576

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	27.4	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047523.D
Acq On : 14 Sep 2024 13:55
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Sep 15 08:47:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	342855	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	1526527	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	923702	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1751897	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1587065	20.000	ng		0.00
86) Perylene-d12	24.468	264	1465788	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	842282	39.116	ng		0.00
7) Phenol-d6	7.005	99	1177575	38.832	ng		0.00
23) Nitrobenzene-d5	8.999	82	1222672	40.084	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	327422	36.672	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2559019	38.163	ng		0.00
79) Terphenyl-d14	19.833	244	3625135	40.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	189333	20.528	ng		99
3) Pyridine	3.717	79	546657	19.917	ng		98
4) n-Nitrosodimethylamine	3.623	42	254521	20.433	ng	#	97
6) Aniline	7.169	93	536515	19.956	ng		99
8) 2-Chlorophenol	7.416	128	473252	19.936	ng		99
9) Benzaldehyde	6.987	77	340293	23.600	ng		97
10) Phenol	7.034	94	598992	19.727	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	488762	20.050	ng		99
12) 1,3-Dichlorobenzene	7.740	146	513128	19.749	ng		97
13) 1,4-Dichlorobenzene	7.887	146	524273	19.811	ng		99
14) 1,2-Dichlorobenzene	8.205	146	515238	19.783	ng		99
15) Benzyl Alcohol	8.081	79	408249	19.875	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	707847	20.643	ng		99
17) 2-Methylphenol	8.287	107	386855	19.944	ng		99
18) Hexachloroethane	8.934	117	214917	20.329	ng		97
19) n-Nitroso-di-n-propyla...	8.652	70	421768	20.628	ng		99
20) 3+4-Methylphenols	8.610	107	545591	20.158	ng		99
22) Acetophenone	8.669	105	792471	19.746	ng	#	99
24) Nitrobenzene	9.046	77	636650	20.312	ng		99
25) Isophorone	9.575	82	1076607	20.077	ng		99
26) 2-Nitrophenol	9.757	139	203827	19.084	ng		97
27) 2,4-Dimethylphenol	9.816	122	322430	19.915	ng		98
28) bis(2-Chloroethoxy)met...	10.052	93	673940	20.008	ng		98
29) 2,4-Dichlorophenol	10.287	162	405385	19.708	ng		98
30) 1,2,4-Trichlorobenzene	10.510	180	458554	19.461	ng		98
31) Naphthalene	10.699	128	1612176	19.555	ng		100
32) Benzoic acid	9.916	122	237561	19.433	ng		94
33) 4-Chloroaniline	10.799	127	593631	19.915	ng		98
34) Hexachlorobutadiene	10.993	225	254856	19.528	ng		99
35) Caprolactam	11.557	113	137114	20.236	ng		98
36) 4-Chloro-3-methylphenol	11.916	107	465828	19.761	ng		100
37) 2-Methylnaphthalene	12.304	142	1058175	19.285	ng		99
38) 1-Methylnaphthalene	12.528	142	1059589	19.431	ng		98
40) 1,2,4,5-Tetrachloroben...	12.675	216	474619	18.989	ng		99
41) Hexachlorocyclopentadiene	12.663	237	155288	19.005	ng		96
43) 2,4,6-Trichlorophenol	12.910	196	300506	19.191	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047523.D
Acq On : 14 Sep 2024 13:55
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Sep 15 08:47:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

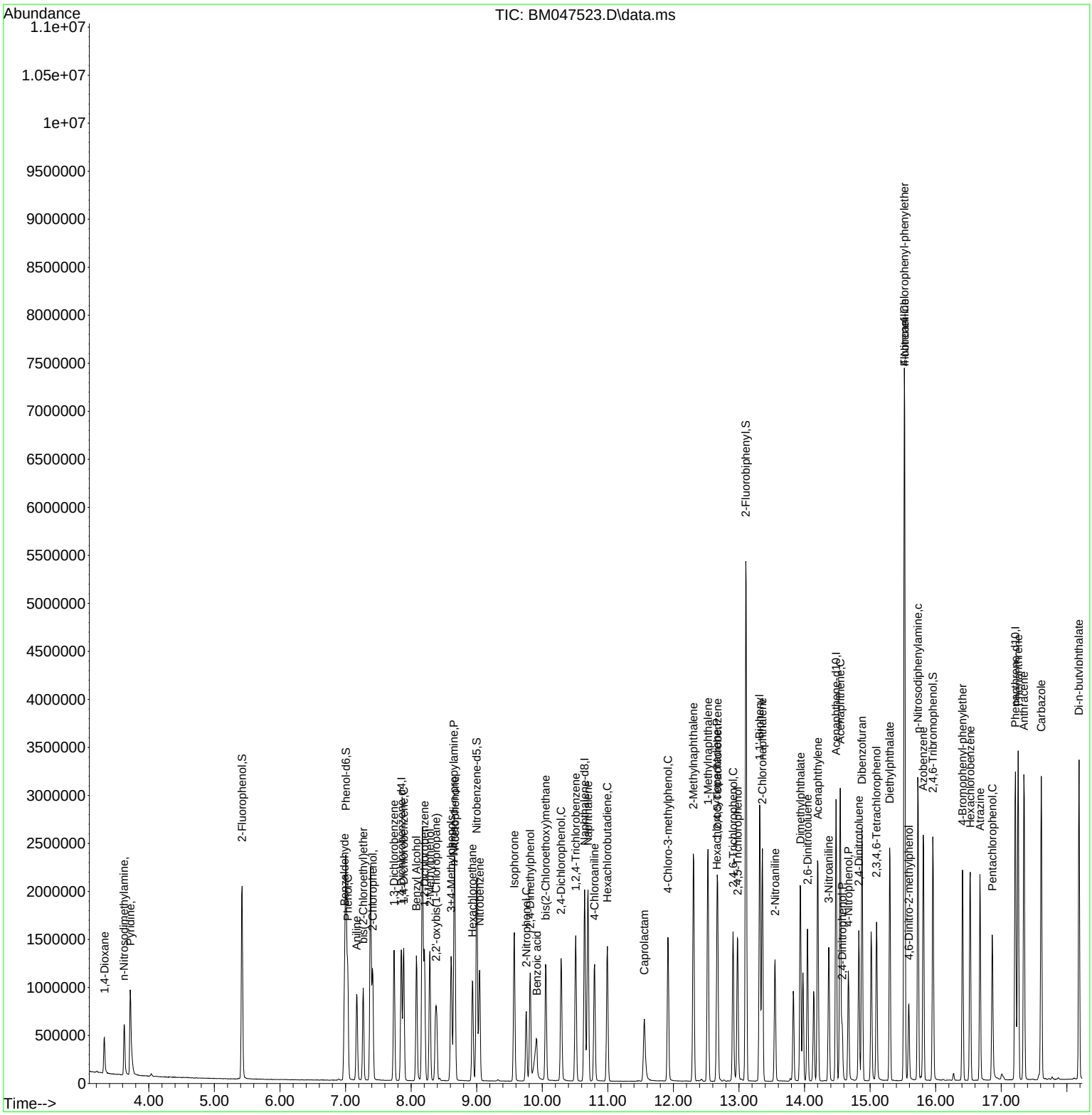
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	338597	19.144	ng	99
46) 1,1'-Biphenyl	13.316	154	1376433	19.152	ng	100
47) 2-Chloronaphthalene	13.357	162	1079485	19.344	ng	99
48) 2-Nitroaniline	13.551	65	327621	19.988	ng	98
49) Acenaphthylene	14.204	152	1553646	19.293	ng	99
50) Dimethylphthalate	13.940	163	1234071	19.601	ng	100
51) 2,6-Dinitrotoluene	14.045	165	263492	19.825	ng	97
52) Acenaphthene	14.545	154	1073800	19.031	ng	99
53) 3-Nitroaniline	14.369	138	291462	19.730	ng	99
54) 2,4-Dinitrophenol	14.575	184	95439	20.092	ng	99
55) Dibenzofuran	14.875	168	1528665	19.279	ng	98
56) 4-Nitrophenol	14.669	139	242863	19.979	ng	98
57) 2,4-Dinitrotoluene	14.828	165	348812	19.678	ng	96
58) Fluorene	15.528	166	1391341	19.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	262673	19.048	ng	98
60) Diethylphthalate	15.298	149	1325288	19.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	630563	19.318	ng	98
62) 4-Nitroaniline	15.528	138	348254	20.055	ng	96
63) Azobenzene	15.810	77	1496804	20.288	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	135667	20.104	ng	93
66) n-Nitrosodiphenylamine	15.728	169	1033465	19.283	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	320141	18.807	ng	98
68) Hexachlorobenzene	16.528	284	361746	18.759	ng	99
69) Atrazine	16.675	200	295545	19.952	ng	99
70) Pentachlorophenol	16.863	266	211585	18.928	ng	98
71) Phenanthrene	17.257	178	1846292	19.123	ng	100
72) Anthracene	17.345	178	1789228	19.289	ng	99
73) Carbazole	17.610	167	1778076	19.343	ng	100
74) Di-n-butylphthalate	18.186	149	2168251	19.713	ng	99
75) Fluoranthene	19.263	202	2012958	19.109	ng	97
77) Benzidine	19.445	184	495797	22.182	ng	99
78) Pyrene	19.627	202	2147890	18.554	ng	99
80) Butylbenzylphthalate	20.527	149	856878	19.228	ng	100
81) Benzo(a)anthracene	21.421	228	2040458	19.725	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	568618	20.664	ng	100
83) Chrysene	21.486	228	1905289	19.472	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	1355453	19.416	ng	99
85) Di-n-octyl phthalate	22.510	149	1973400	19.984	ng	99
87) Indeno(1,2,3-cd)pyrene	27.892	276	1688895	19.253	ng	100
88) Benzo(b)fluoranthene	23.509	252	1811874	19.105	ng	99
89) Benzo(k)fluoranthene	23.574	252	1775972	18.895	ng	98
90) Benzo(a)pyrene	24.327	252	1492255	19.198	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	1413538	19.153	ng	99
92) Benzo(g,h,i)perylene	28.956	276	1378333	19.119	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047523.D
Acq On : 14 Sep 2024 13:55
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

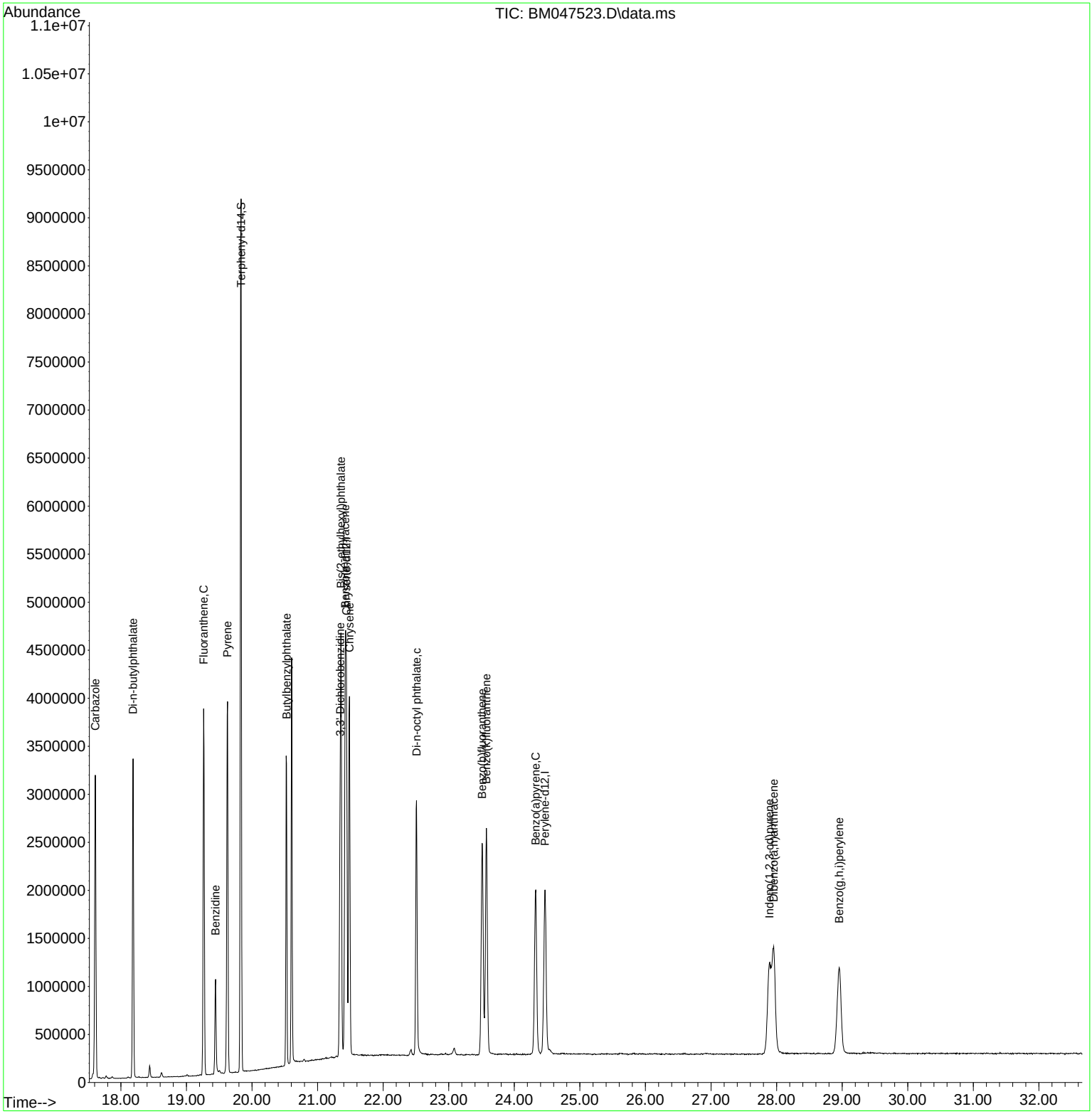
Quant Time: Sep 15 08:47:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

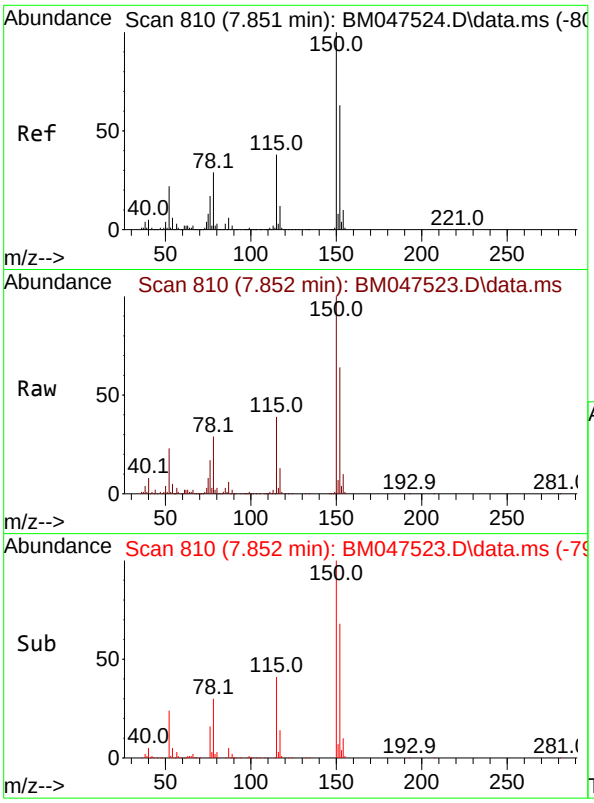


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047523.D
Acq On : 14 Sep 2024 13:55
Operator : RC/JU
Sample : SSTDICC020
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Sep 15 08:47:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration



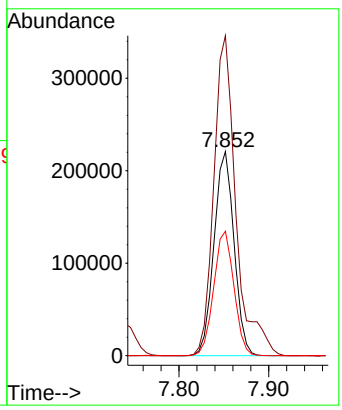


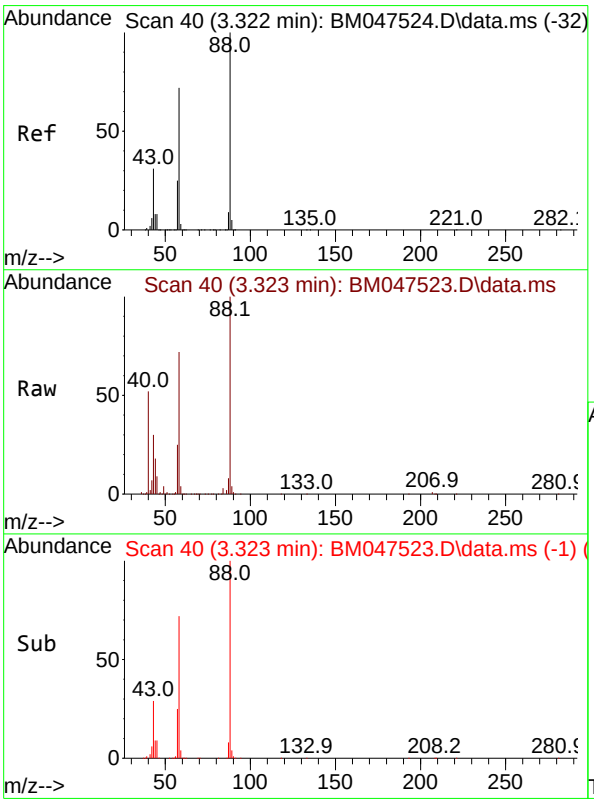
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 342855

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.8	190.2
115	61.0	47.8	71.8

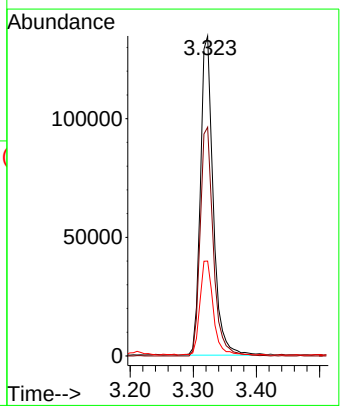


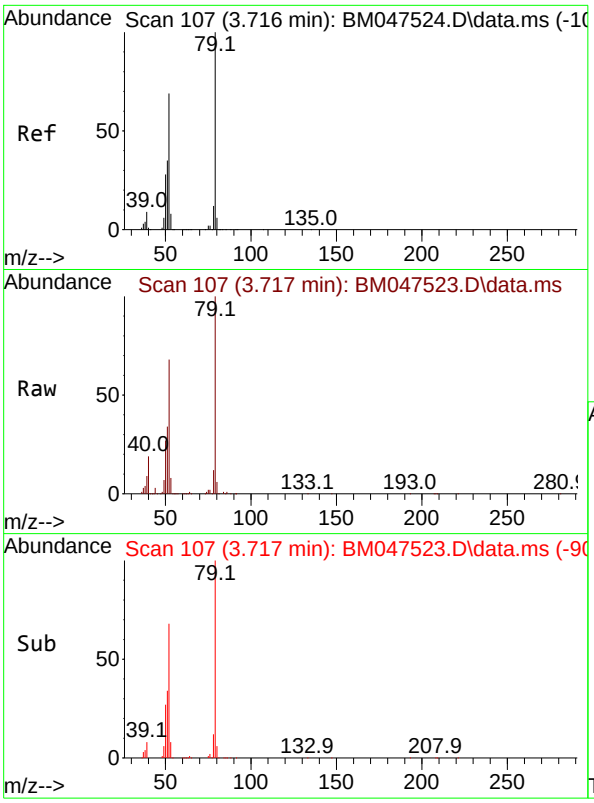


#2
1,4-Dioxane
Concen: 20.528 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 88 Resp: 189333

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.0	88.6
43	30.7	25.0	37.4



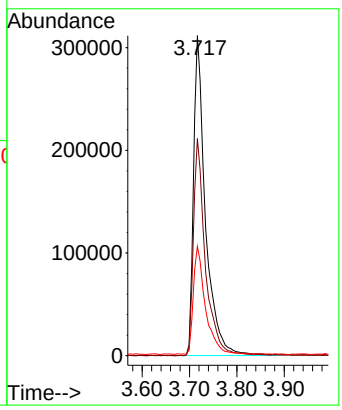


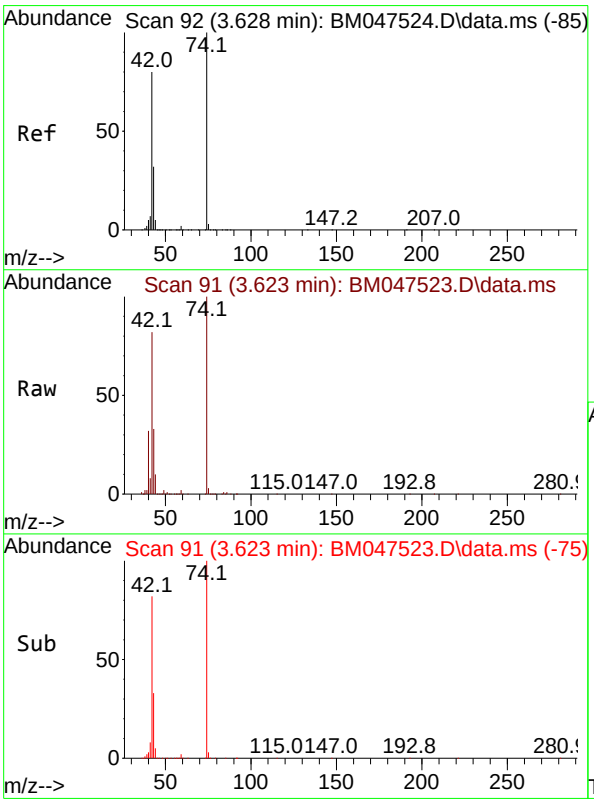
#3
Pyridine
Concen: 19.917 ng
RT: 3.717 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 546657

Ion	Ratio	Lower	Upper
79	100		
52	67.8	55.4	83.0
51	34.2	27.9	41.9

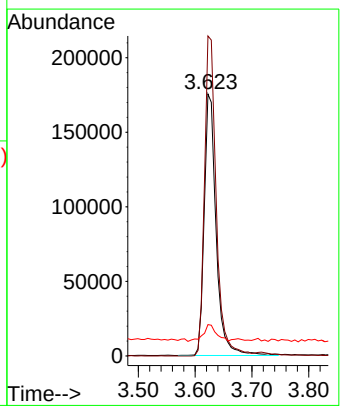


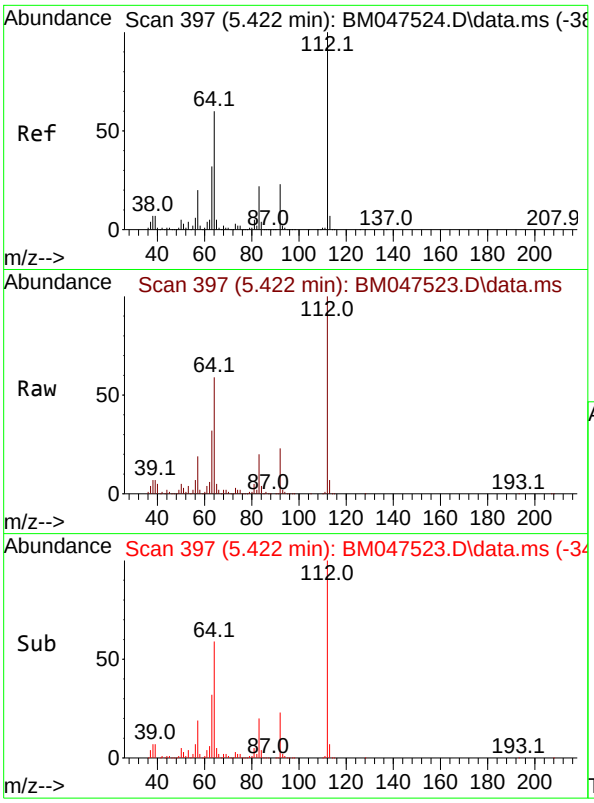


#4
n-Nitrosodimethylamine
Concen: 20.433 ng
RT: 3.623 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 42 Resp: 254521

Ion	Ratio	Lower	Upper
42	100		
74	122.2	100.5	150.7
44	12.0	6.9	10.3#



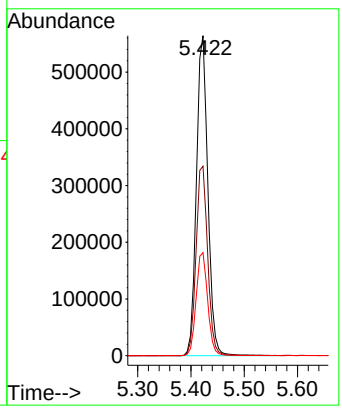


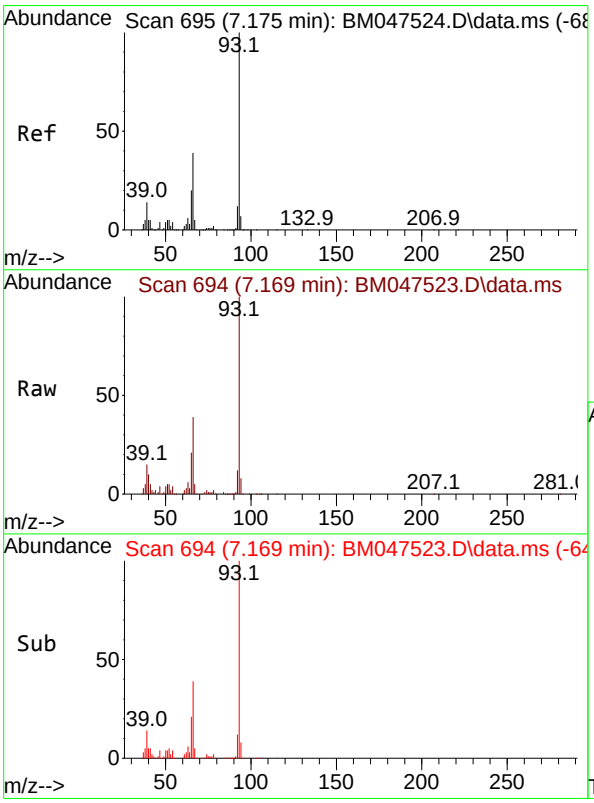
#5
2-Fluorophenol
Concen: 39.116 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 842282

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.2	72.4
63	32.2	26.0	39.0

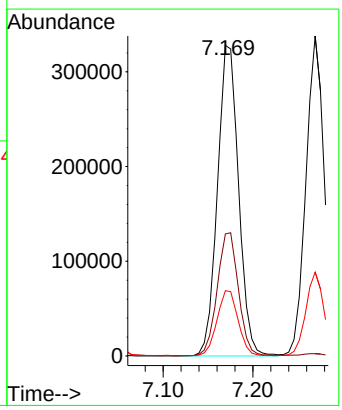


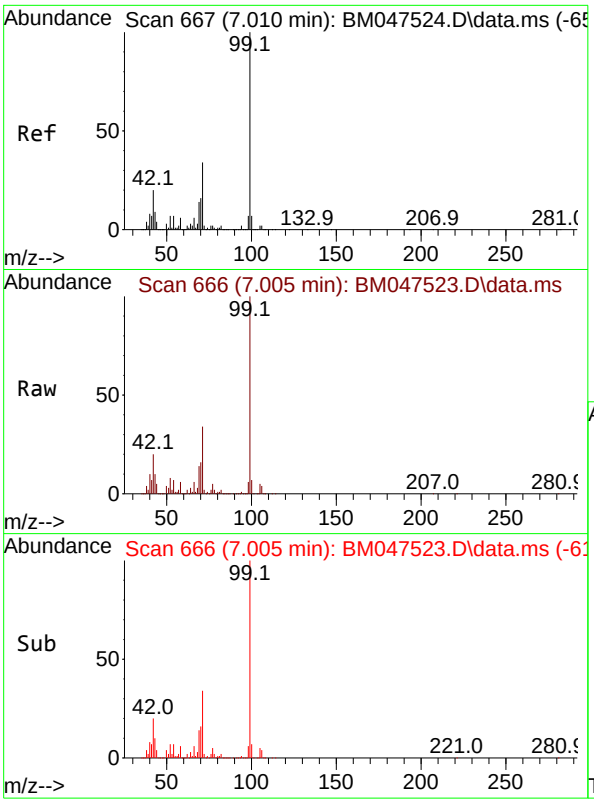


#6
Aniline
Concen: 19.956 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 93 Resp: 536515

Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.4	47.0
65	21.0	16.3	24.5



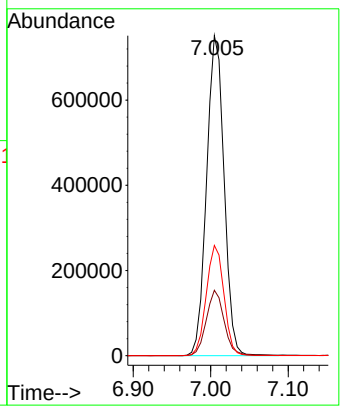


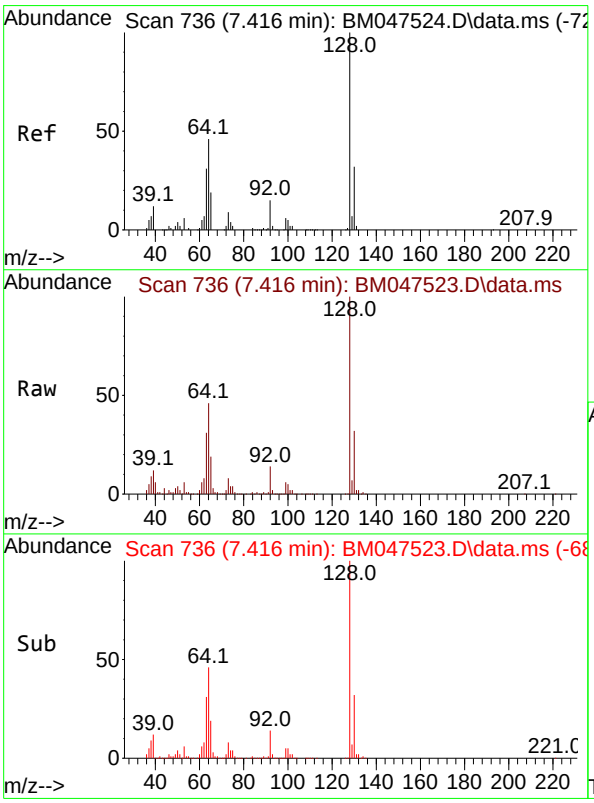
#7
Phenol-d6
Concen: 38.832 ng
RT: 7.005 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1177575

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.8	23.8
71	34.4	27.6	41.4

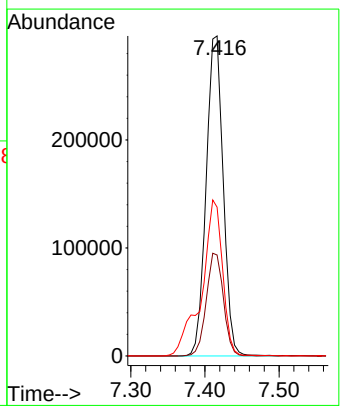


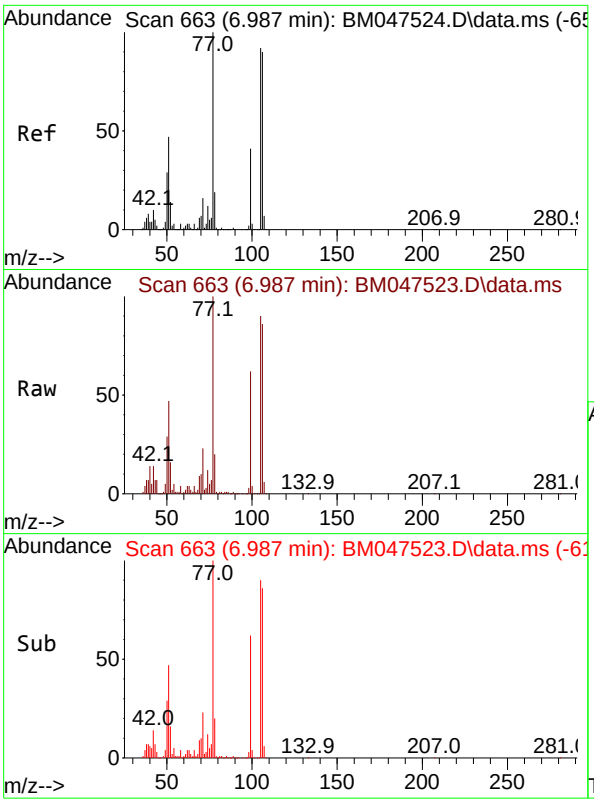


#8
2-Chlorophenol
Concen: 19.936 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:128 Resp: 473252

Ion	Ratio	Lower	Upper
128	100		
130	31.5	11.8	51.8
64	46.5	27.6	67.6



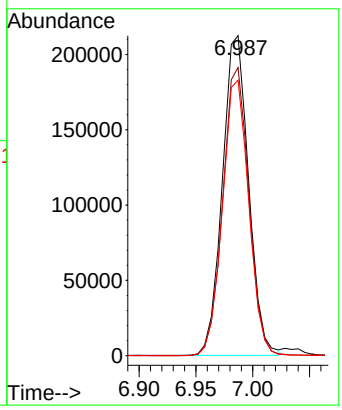


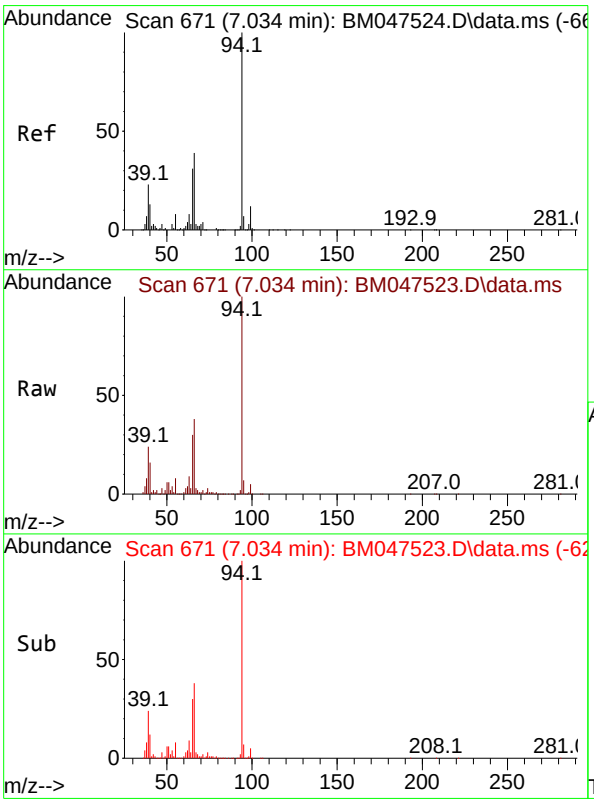
#9
Benzaldehyde
Concen: 23.600 ng
RT: 6.987 min Scan# 6(
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 340293

Ion	Ratio	Lower	Upper
77	100		
105	90.0	71.8	111.8
106	86.1	69.7	109.7

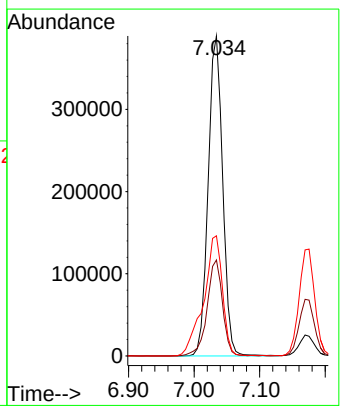


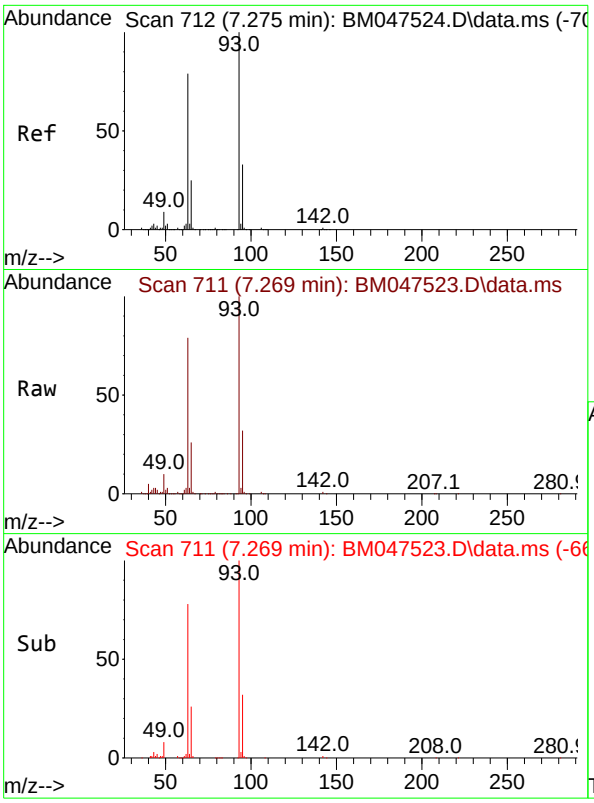


#10
Phenol
Concen: 19.727 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 94 Resp: 598992

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.8	50.8
66	37.6	19.2	59.2



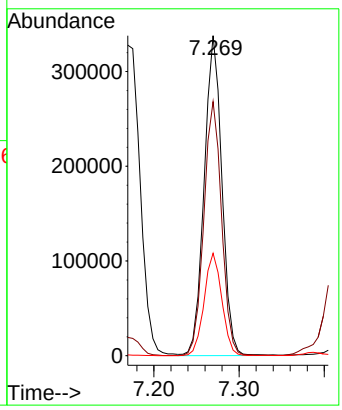


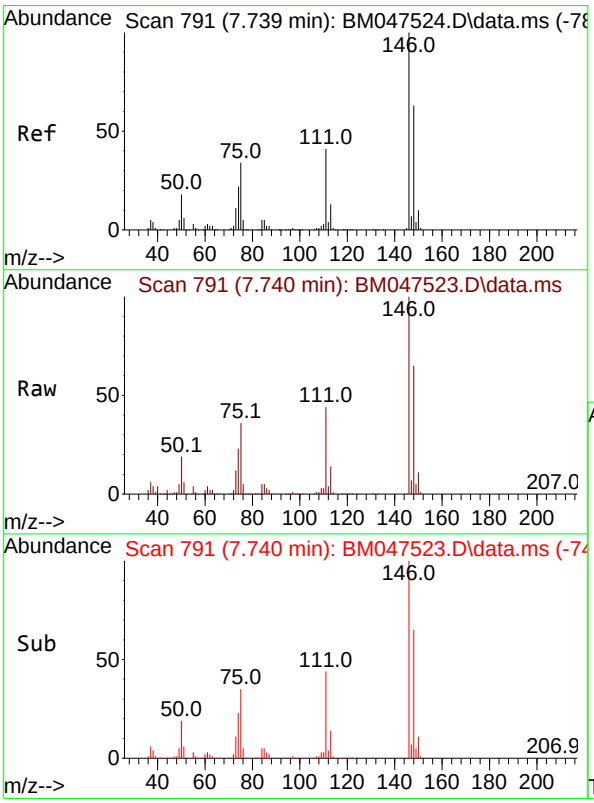
#11
bis(2-Chloroethyl)ether
Concen: 20.050 ng
RT: 7.269 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 488762

Ion	Ratio	Lower	Upper
93	100		
63	79.4	58.2	98.2
95	32.0	12.8	52.8

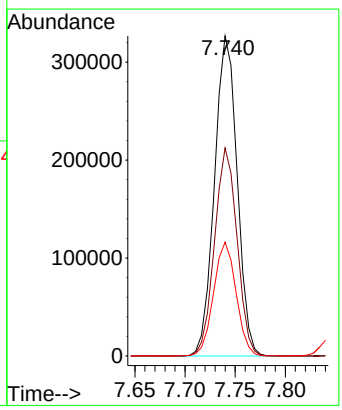


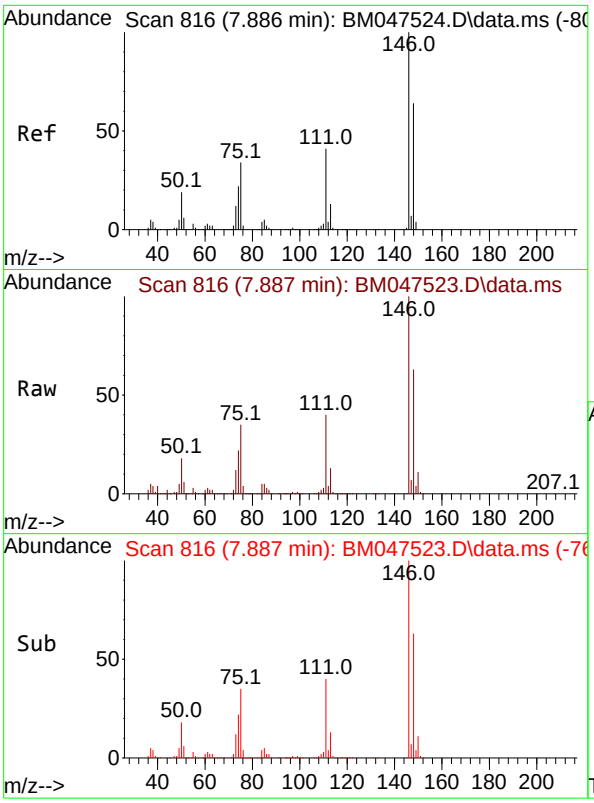


#12
1,3-Dichlorobenzene
Concen: 19.749 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:146 Resp: 513128

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.2	75.4
75	35.5	27.4	41.0



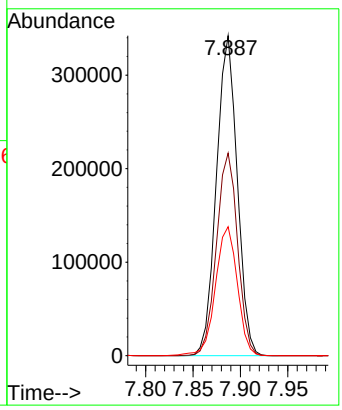


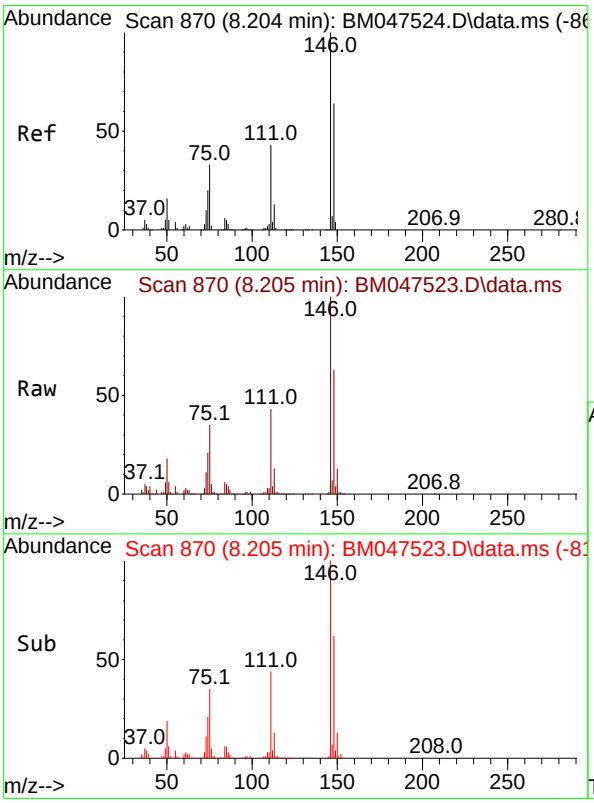
#13
1,4-Dichlorobenzene
Concen: 19.811 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 524273

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	40.3	32.9	49.3

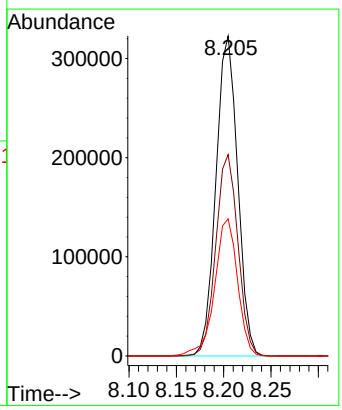


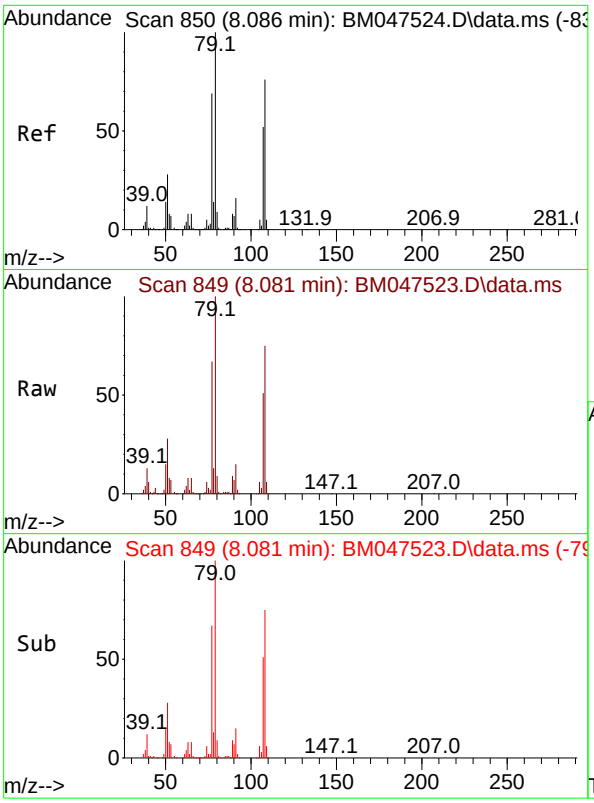


#14
1,2-Dichlorobenzene
Concen: 19.783 ng
RT: 8.205 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:146 Resp: 515238

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	42.9	34.7	52.1



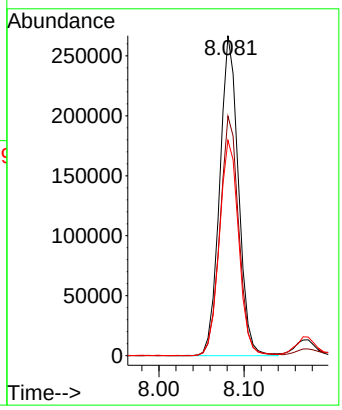


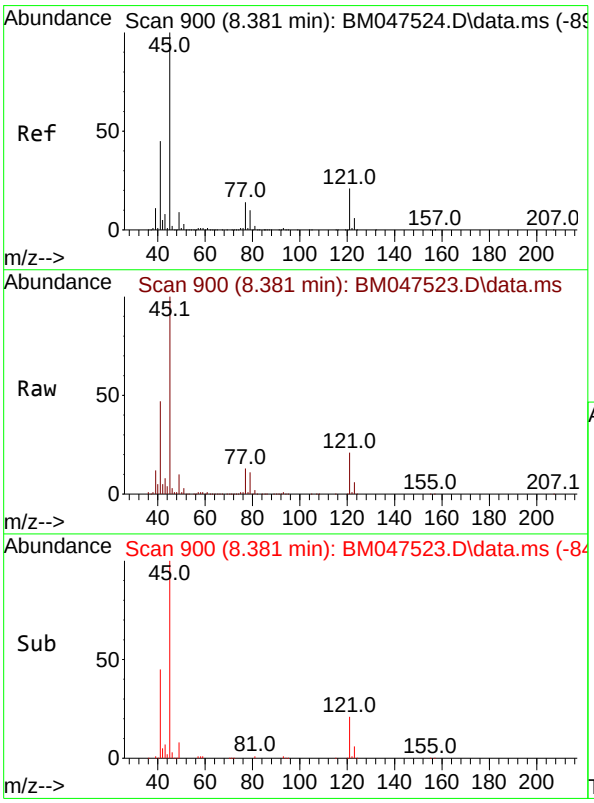
#15
Benzyl Alcohol
Concen: 19.875 ng
RT: 8.081 min Scan# 84
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 408249

Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.6	91.0
77	67.3	55.0	82.4

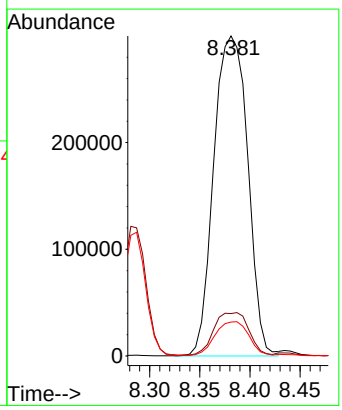


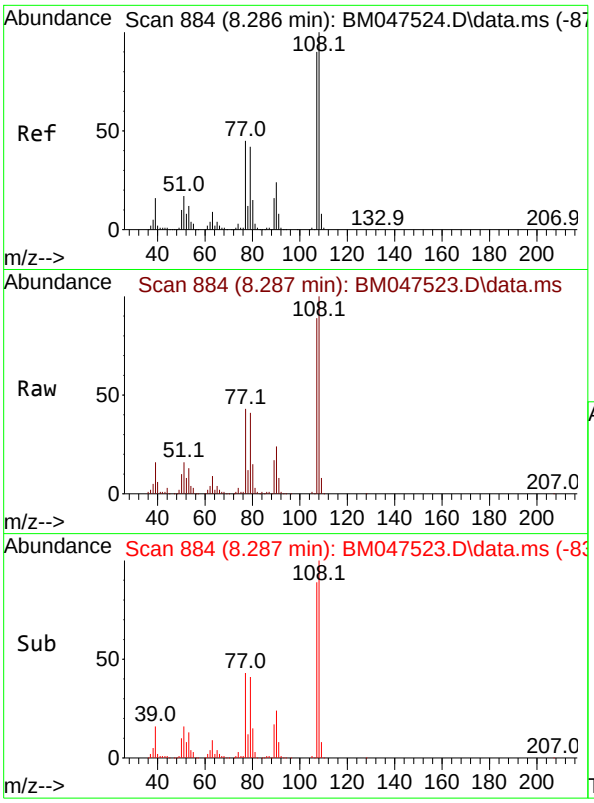


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.643 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 45 Resp: 707847

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.7
79	10.6	0.0	30.3



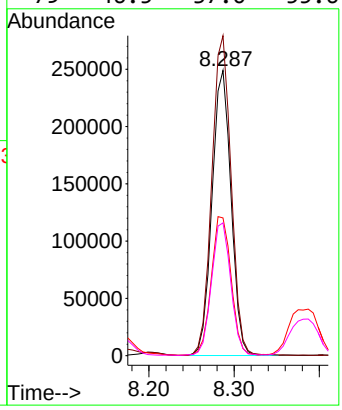


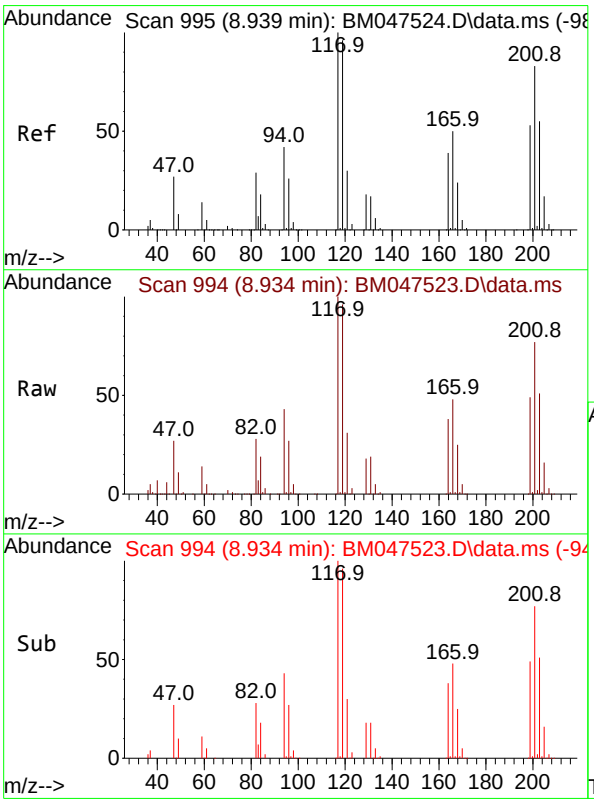
#17
2-Methylphenol
Concen: 19.944 ng
RT: 8.287 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 386855

Ion	Ratio	Lower	Upper
107	100		
108	112.2	88.9	133.3
77	48.3	39.8	59.8
79	46.5	37.0	55.6

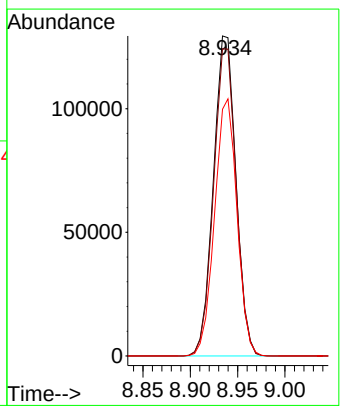


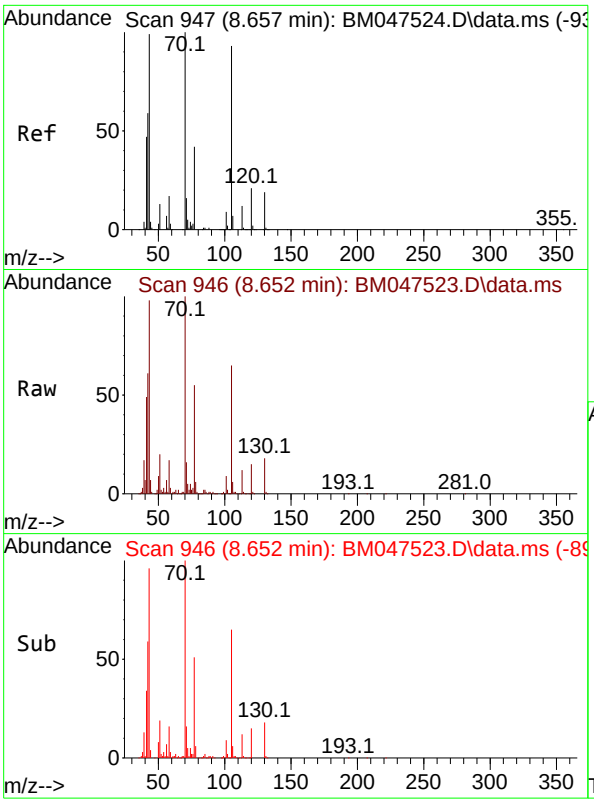


#18
Hexachloroethane
Concen: 20.329 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:117 Resp: 214917

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	77.1	66.8	100.2



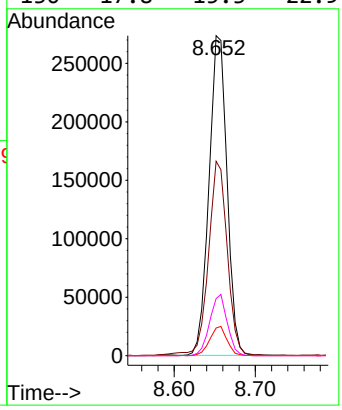


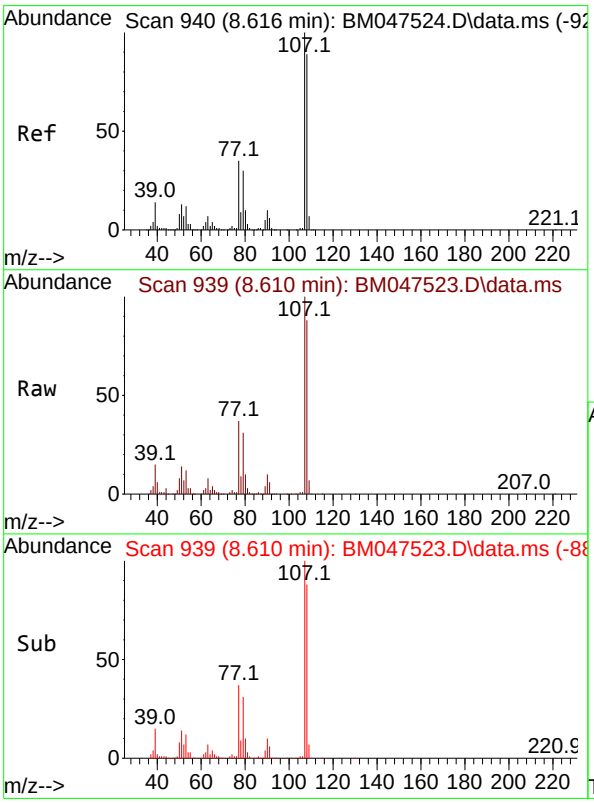
#19
n-Nitroso-di-n-propylamine
Concen: 20.628 ng
RT: 8.652 min Scan# 94
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 421768

Ion	Ratio	Lower	Upper
70	100		
42	60.7	48.2	72.2
101	8.7	7.0	10.4
130	17.8	15.3	22.9

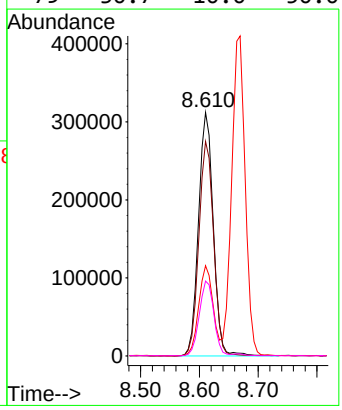


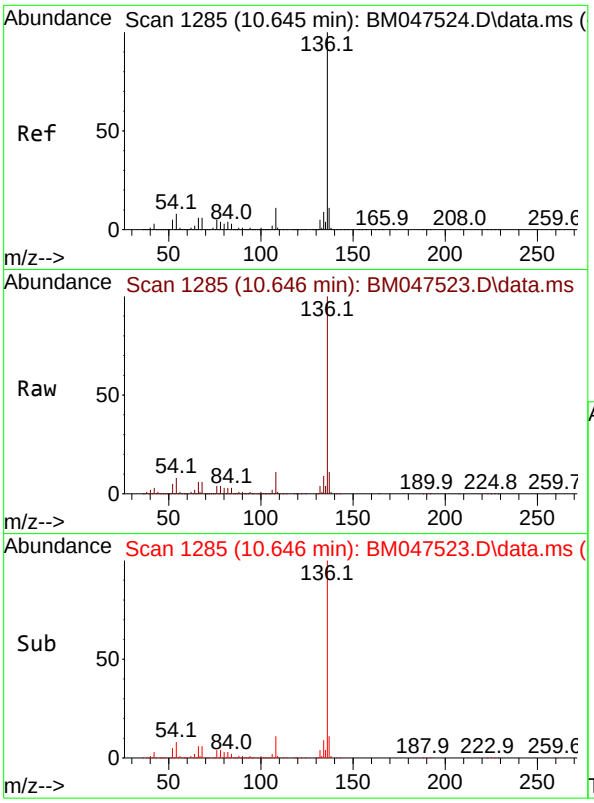


#20
3+4-Methylphenols
Concen: 20.158 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:107 Resp: 545591

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.9	108.9
77	37.0	15.5	55.5
79	30.7	10.0	50.0



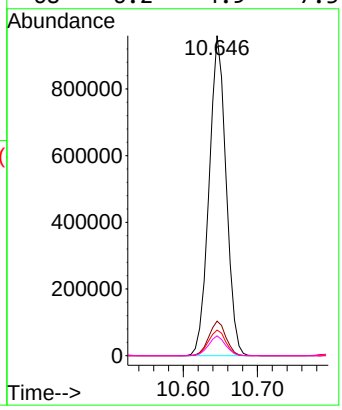


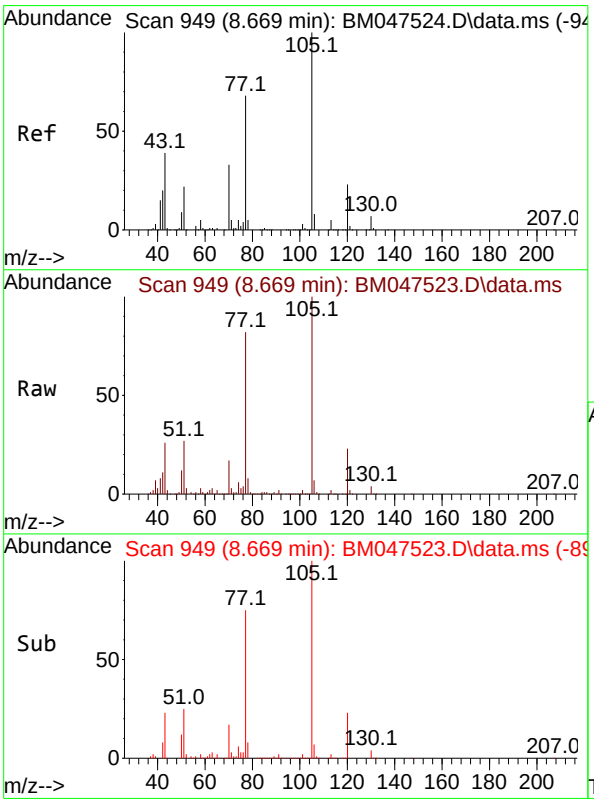
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1526527

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.0	6.6	9.8
68	6.2	4.9	7.3

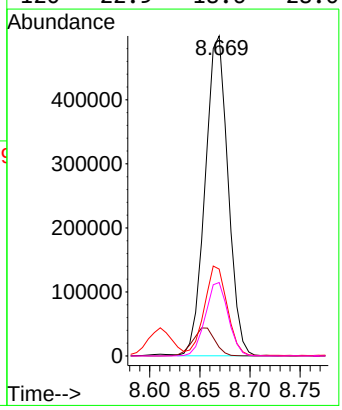


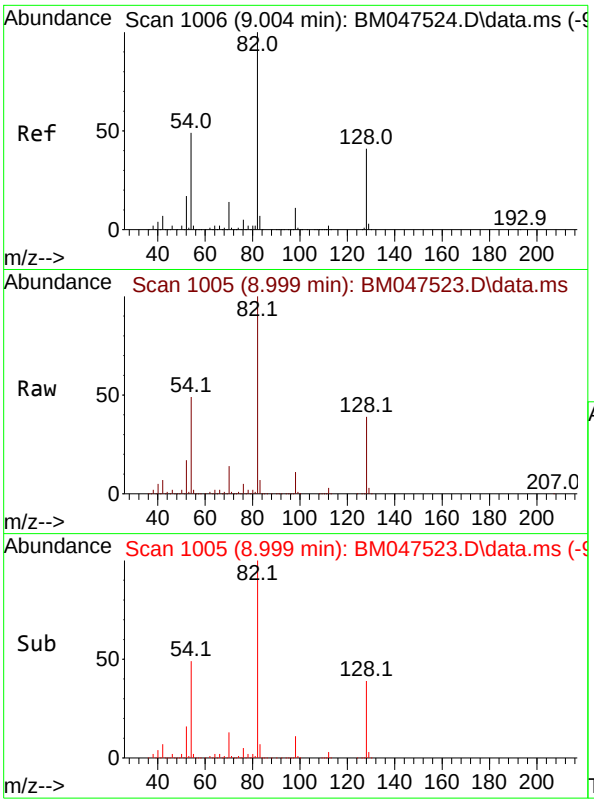


#22
Acetophenone
Concen: 19.746 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:105 Resp: 792471

Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.3	6.5#
51	27.1	21.5	32.3
120	22.9	18.6	28.0



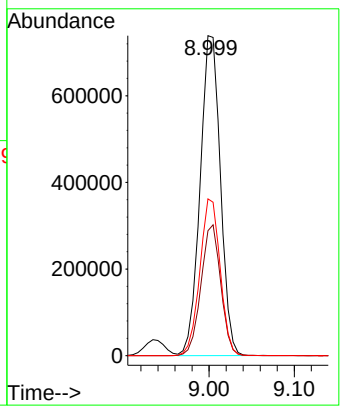


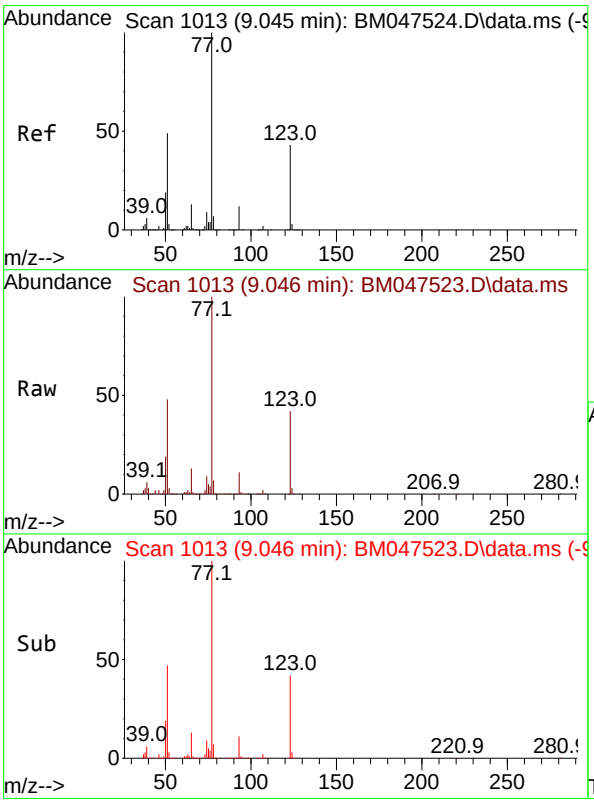
#23
Nitrobenzene-d5
Concen: 40.084 ng
RT: 8.999 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1222672

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.4
54	49.0	39.3	58.9

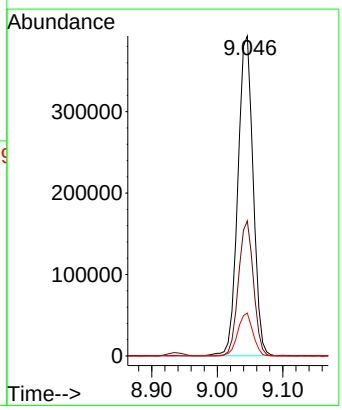


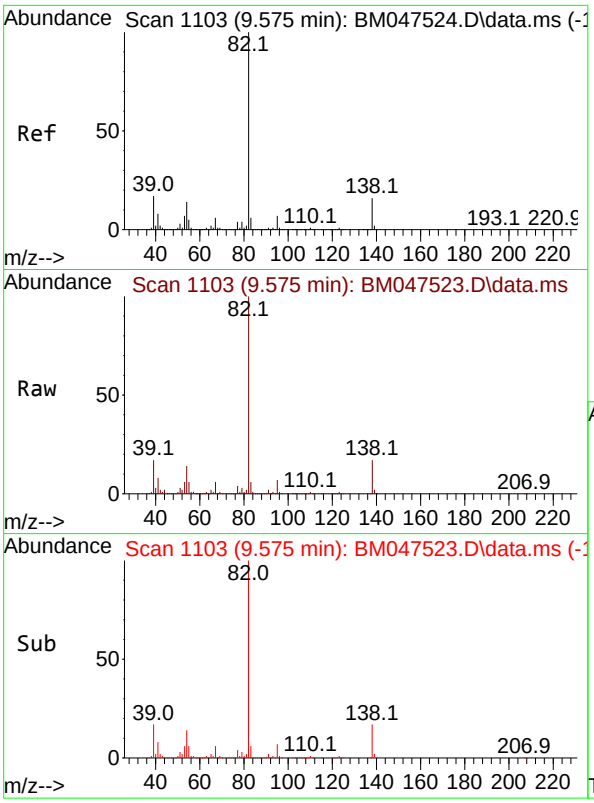


#24
Nitrobenzene
Concen: 20.312 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 77 Resp: 636650

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.5	51.7
65	13.4	10.7	16.1



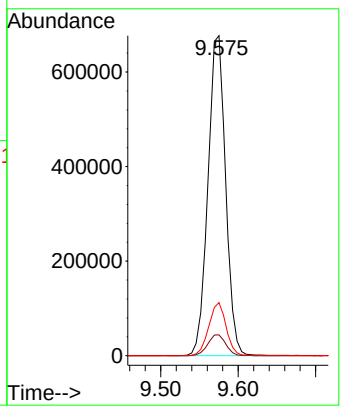


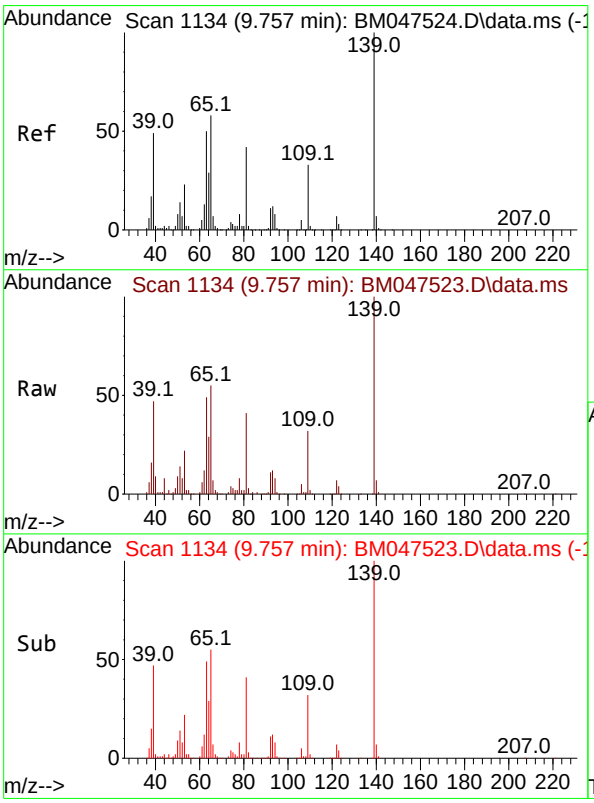
#25
Isophorone
Concen: 20.077 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1076607

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	16.6	12.9	19.3

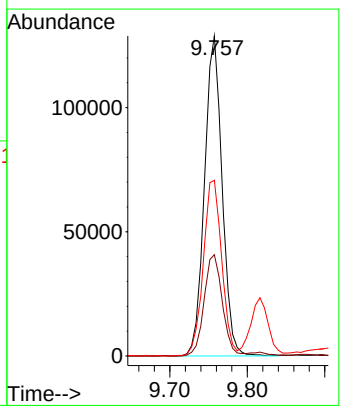


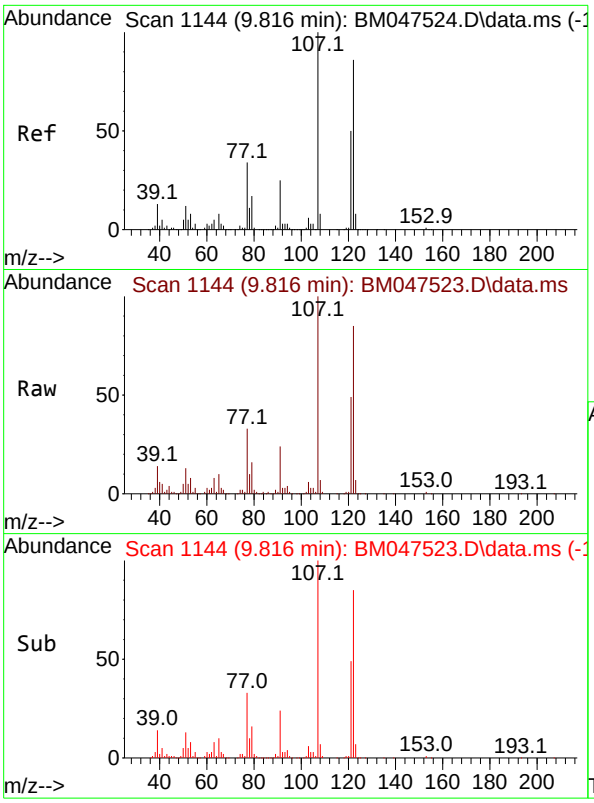


#26
2-Nitrophenol
Concen: 19.084 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:139 Resp: 203827

Ion	Ratio	Lower	Upper
139	100		
109	31.7	26.0	39.0
65	54.9	46.2	69.4



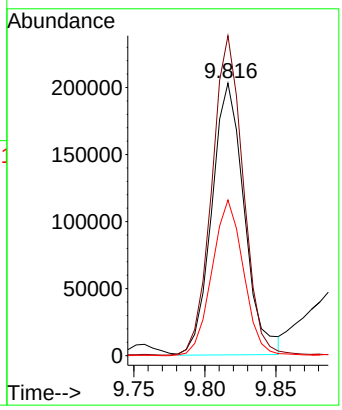


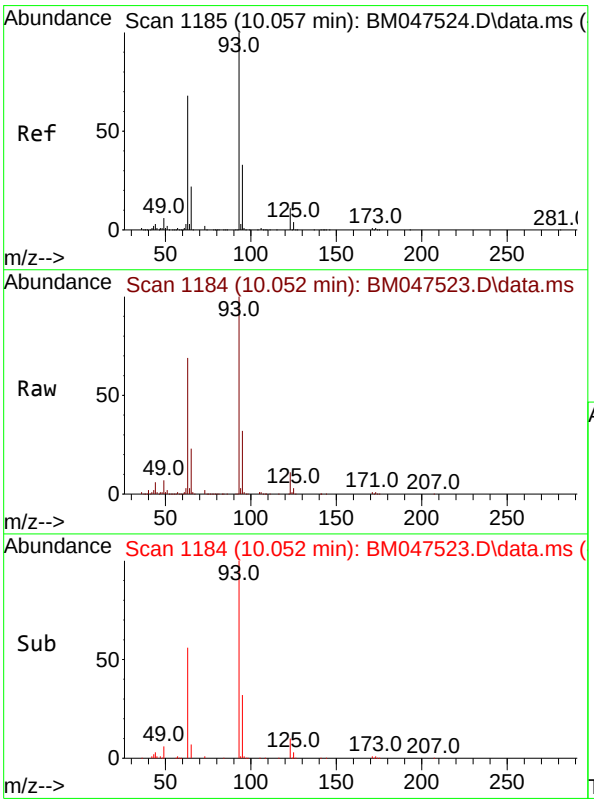
#27
2,4-Dimethylphenol
Concen: 19.915 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 322430

Ion	Ratio	Lower	Upper
122	100		
107	117.4	92.4	138.6
121	57.1	46.2	69.4

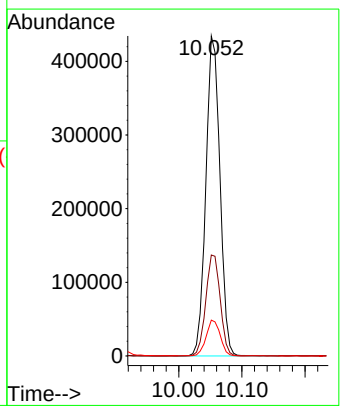


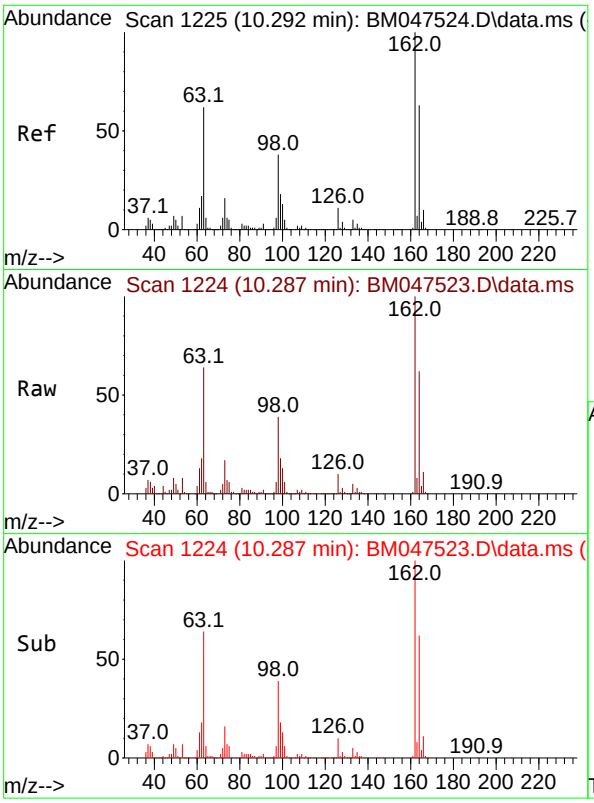


#28
bis(2-Chloroethoxy)methane
Concen: 20.008 ng
RT: 10.052 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 93 Resp: 673940

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.2
123	11.2	9.2	13.8



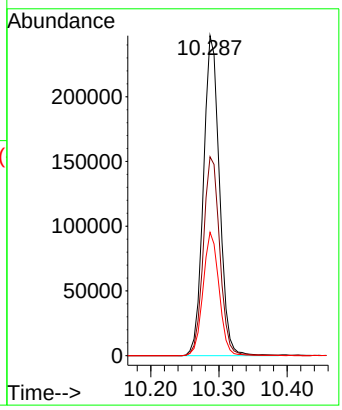


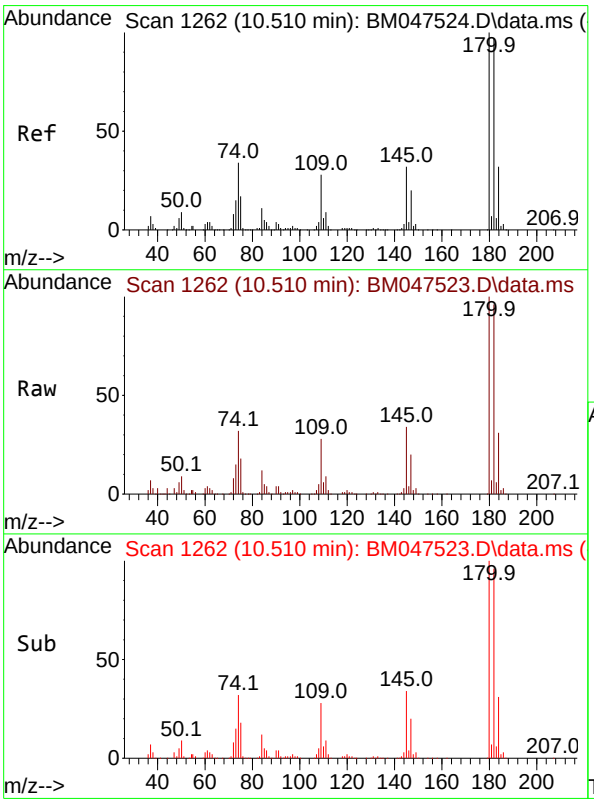
#29
2,4-Dichlorophenol
Concen: 19.708 ng
RT: 10.287 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 405385

Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.5	83.5
98	38.6	17.6	57.6

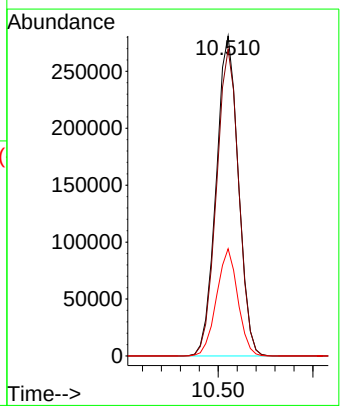


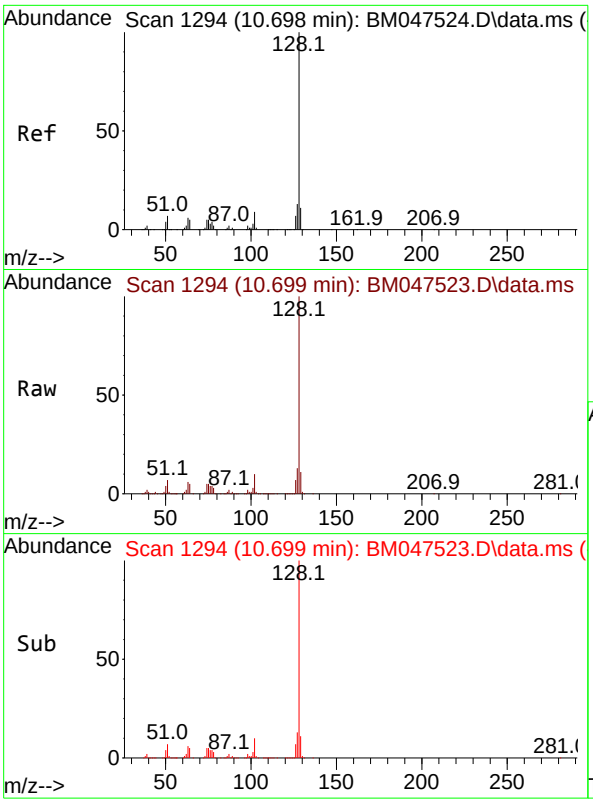


#30
1,2,4-Trichlorobenzene
Concen: 19.461 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:180 Resp: 458554

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.6	116.4
145	33.5	25.4	38.0



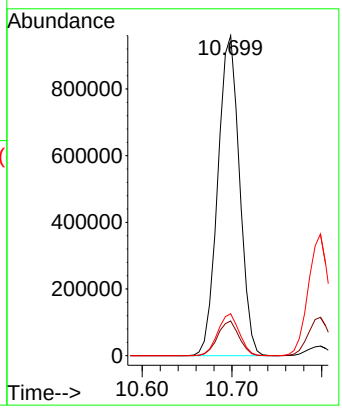


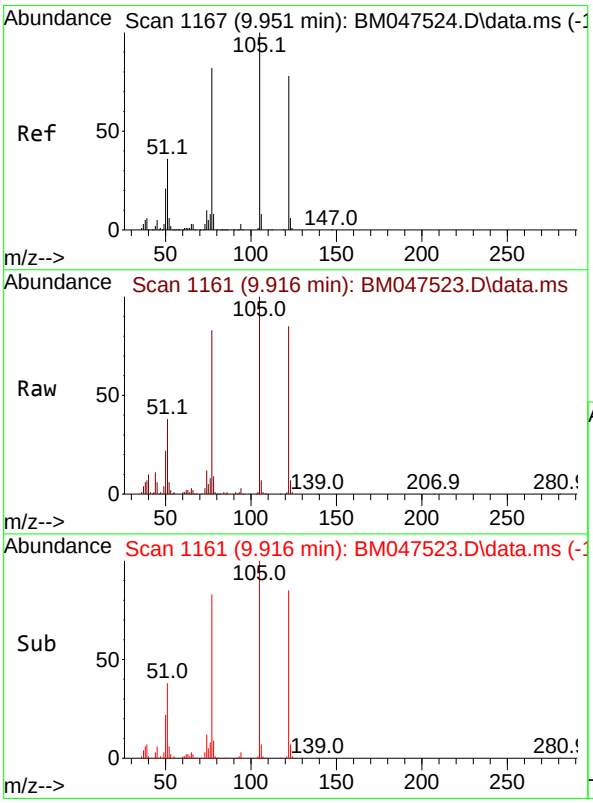
#31
Naphthalene
Concen: 19.555 ng
RT: 10.699 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1612176

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.5	15.7

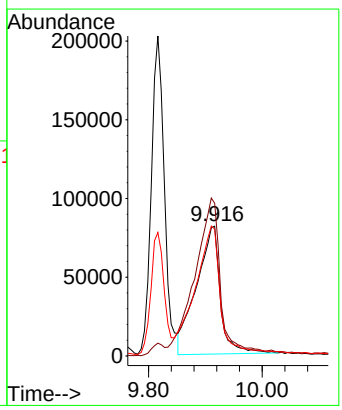


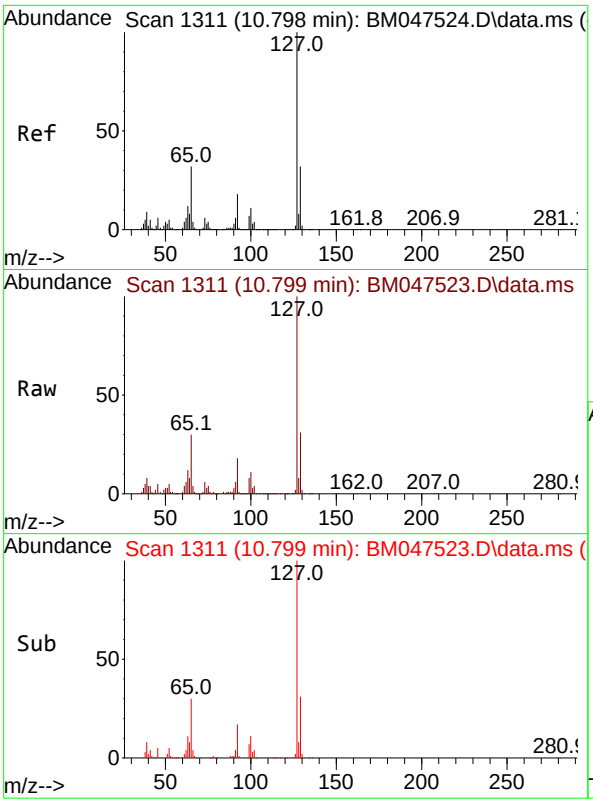


#32
Benzoic acid
Concen: 19.433 ng
RT: 9.916 min Scan# 1161
Delta R.T. -0.035 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:122 Resp: 237561

Ion	Ratio	Lower	Upper
122	100		
105	117.6	104.7	144.7
77	97.7	83.4	123.4



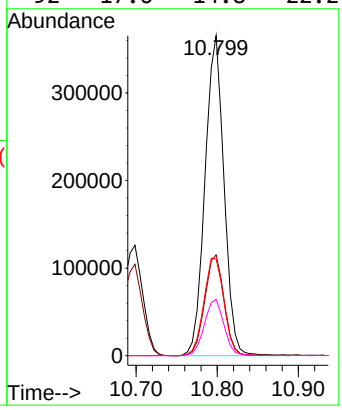


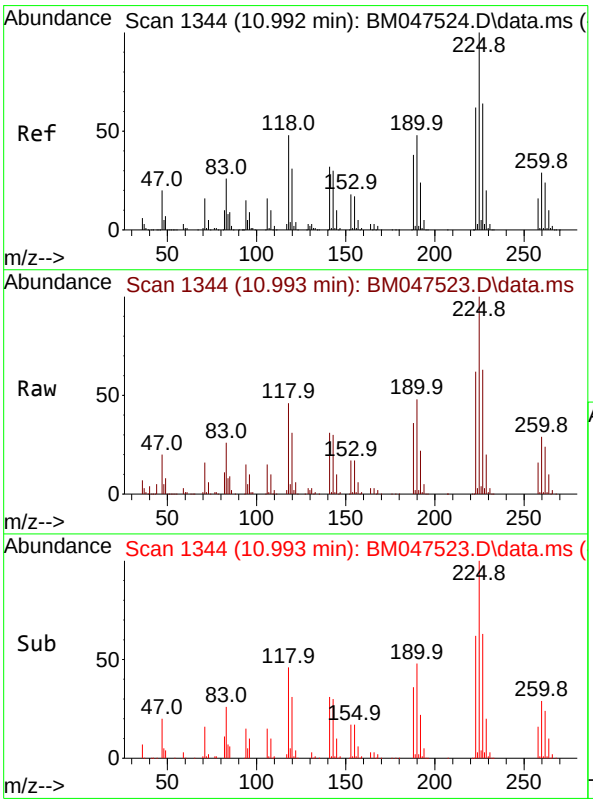
#33
4-Chloroaniline
Concen: 19.915 ng
RT: 10.799 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 593631

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	30.3	25.5	38.3
92	17.6	14.8	22.2

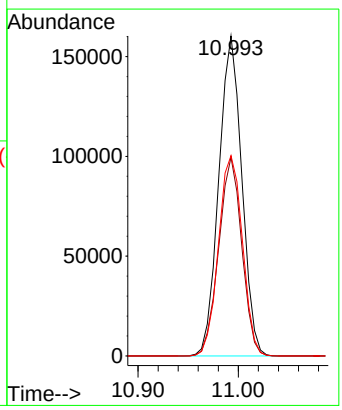


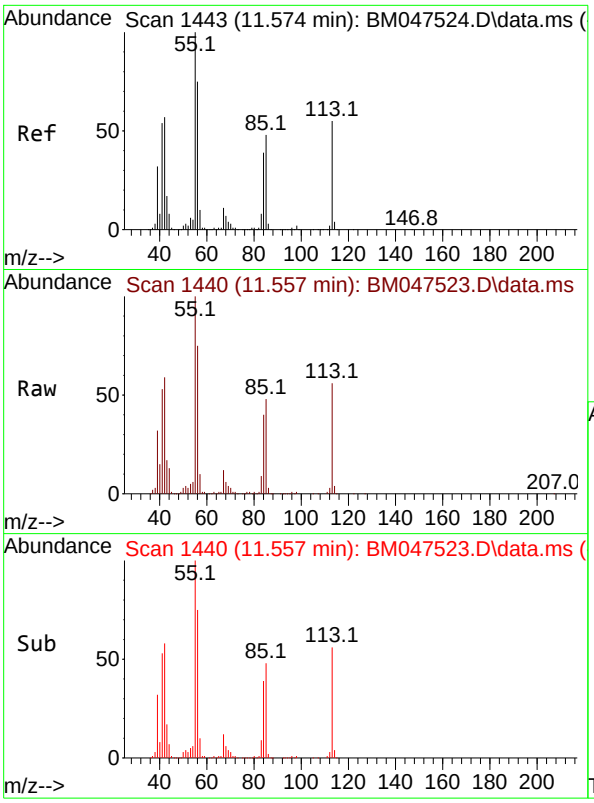


#34
Hexachlorobutadiene
Concen: 19.528 ng
RT: 10.993 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:225 Resp: 254856

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	62.6	51.0	76.4



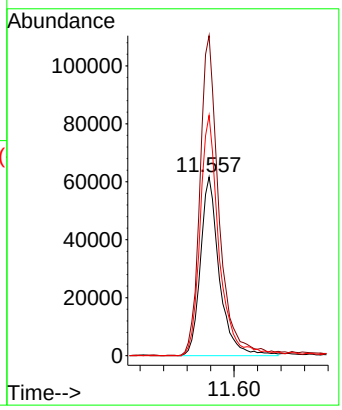


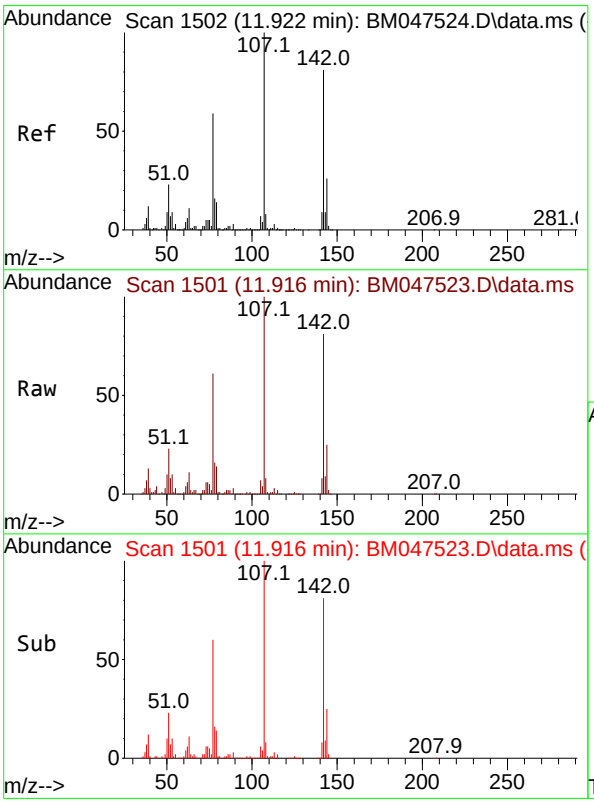
#35
Caprolactam
Concen: 20.236 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.017 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 137114

Ion	Ratio	Lower	Upper
113	100		
55	179.0	162.5	202.5
56	134.4	116.5	156.5

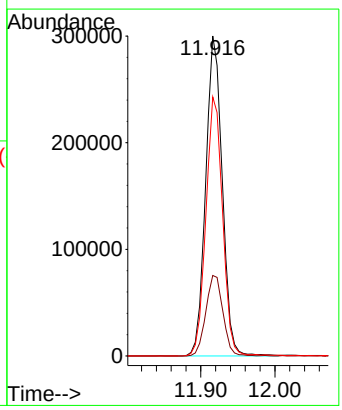


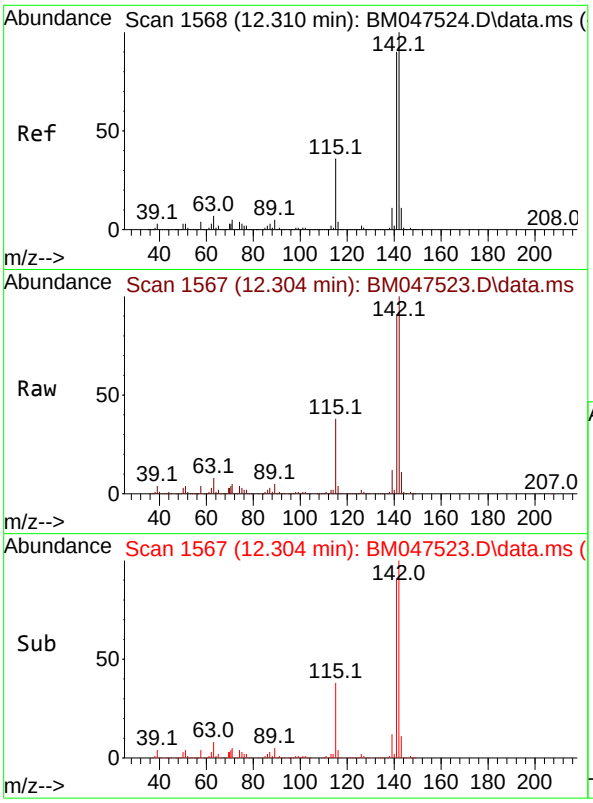


#36
4-Chloro-3-methylphenol
Concen: 19.761 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:107 Resp: 465828

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	81.0	65.0	97.4



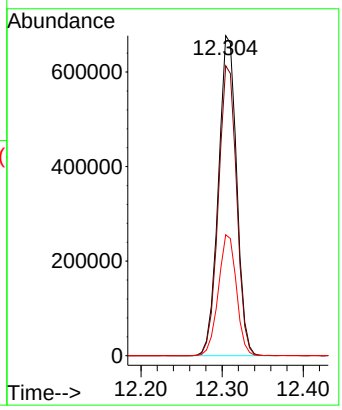


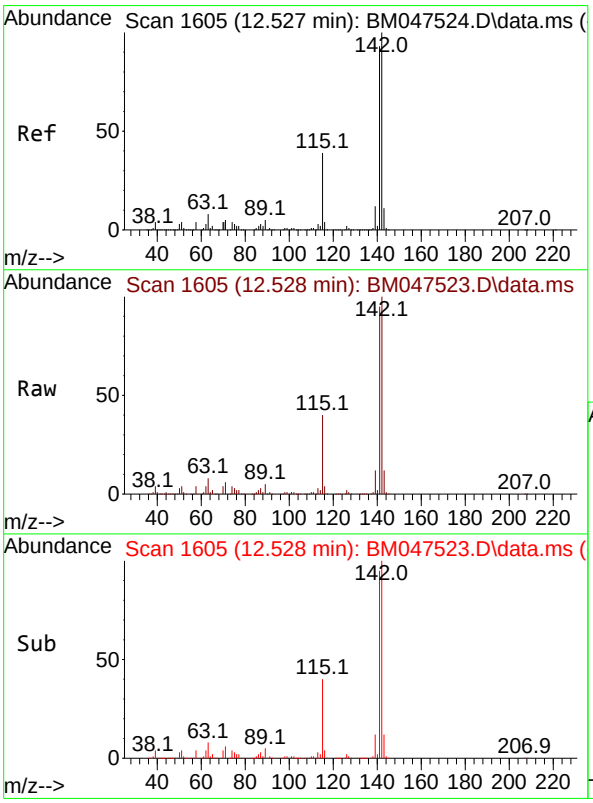
#37
2-Methylnaphthalene
Concen: 19.285 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1058175

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4
115	37.8	29.1	43.7

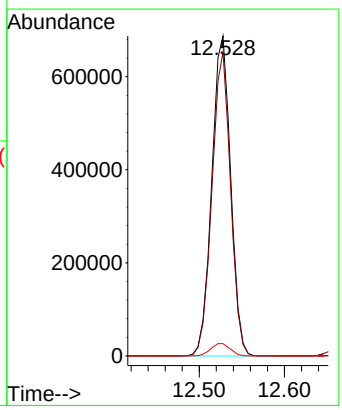


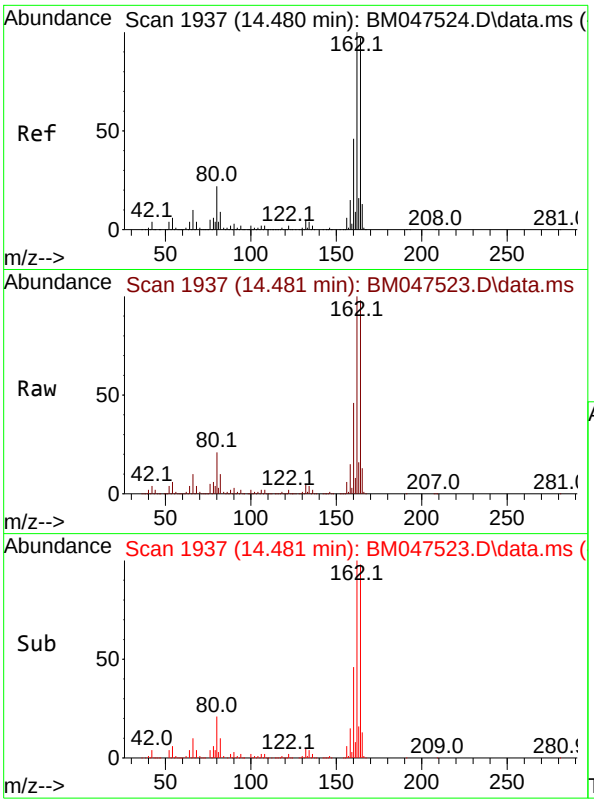


#38
1-Methylnaphthalene
Concen: 19.431 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:142 Resp: 1059589

Ion	Ratio	Lower	Upper
142	100		
141	95.1	74.7	112.1
116	3.9	3.2	4.8



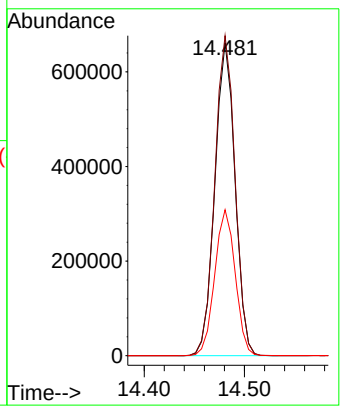


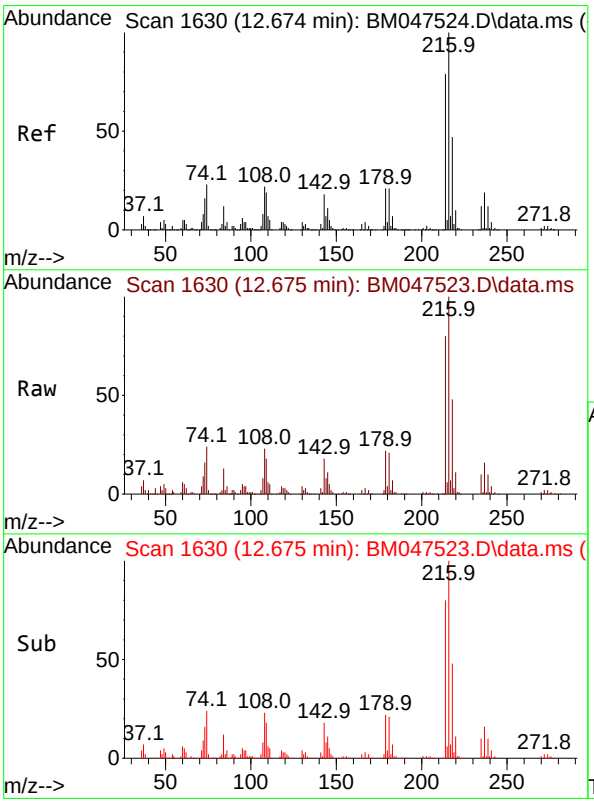
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 923702

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	46.7	38.2	57.2

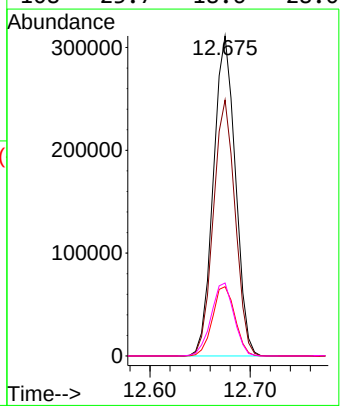


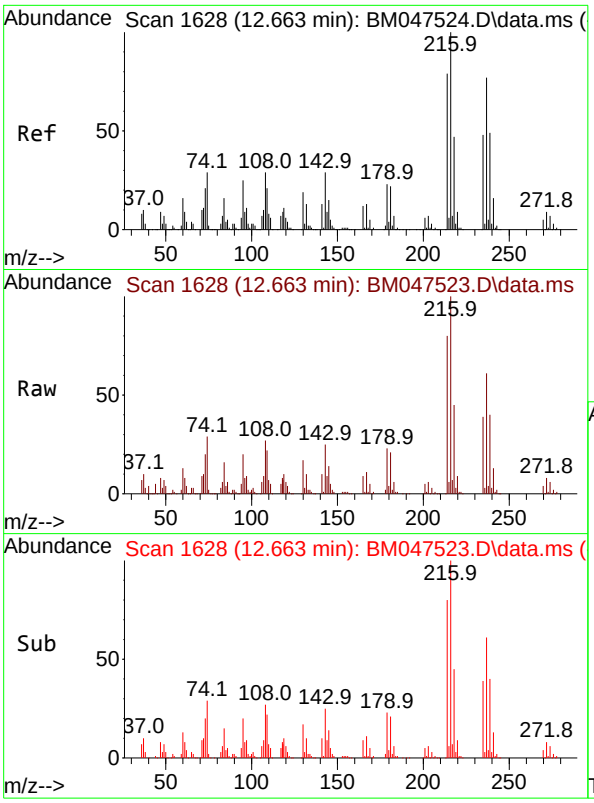


#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.989 ng
RT: 12.675 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:216 Resp: 474619

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	22.1	17.5	26.3
108	23.7	18.6	28.0



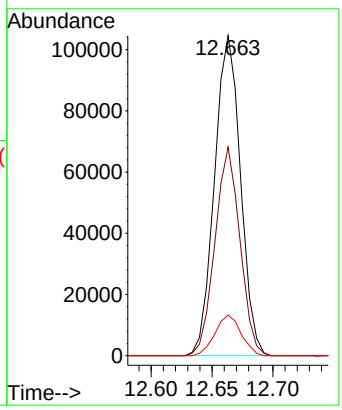


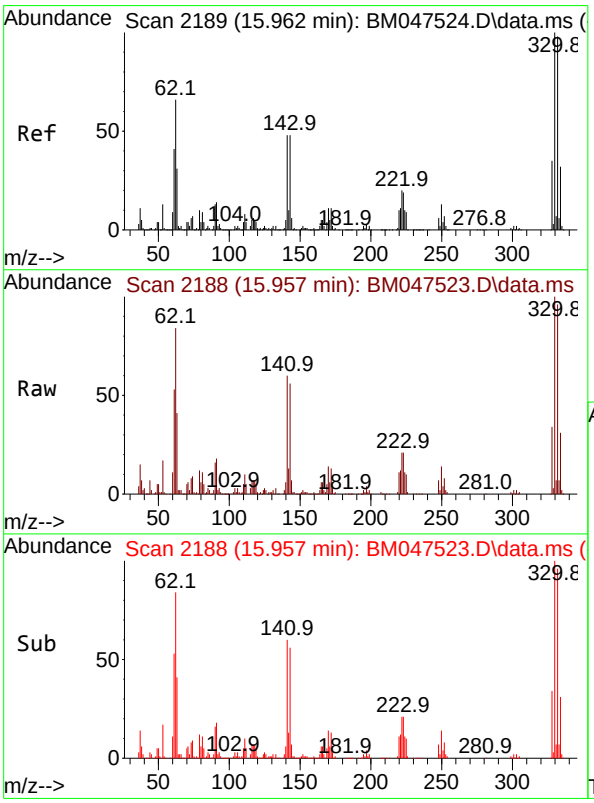
#41
Hexachlorocyclopentadiene
Concen: 19.005 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 155288

Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.0	82.0
272	12.7	0.0	31.5

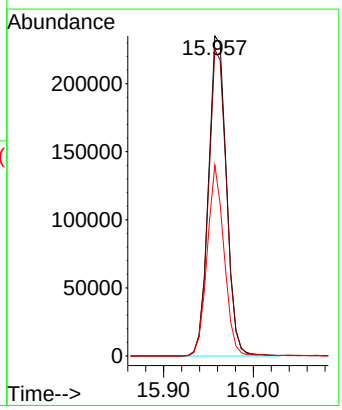


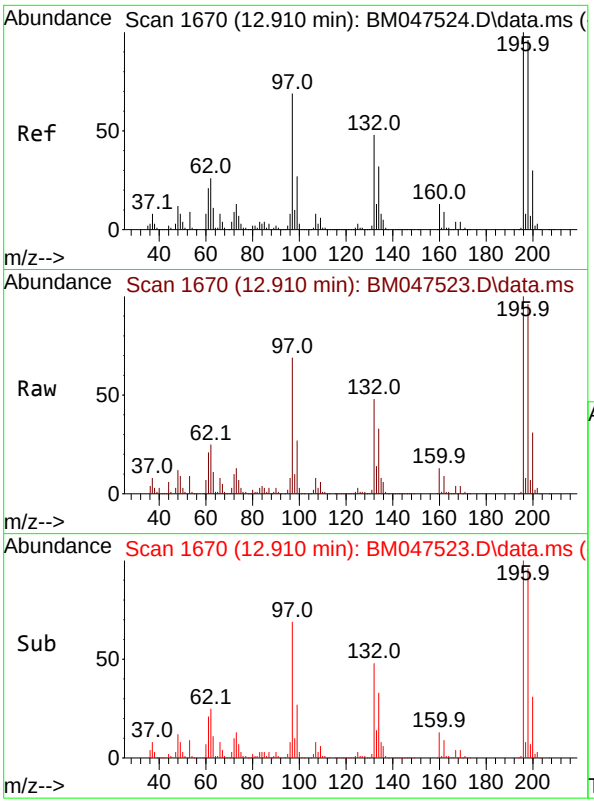


#42
2,4,6-Tribromophenol
Concen: 36.672 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:330 Resp: 327422

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	56.2	42.2	63.2



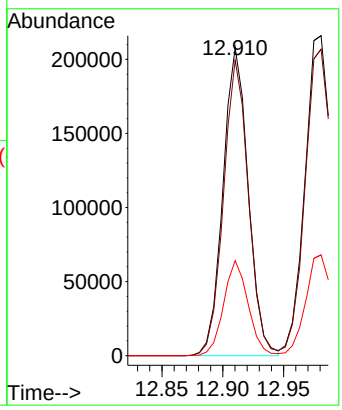


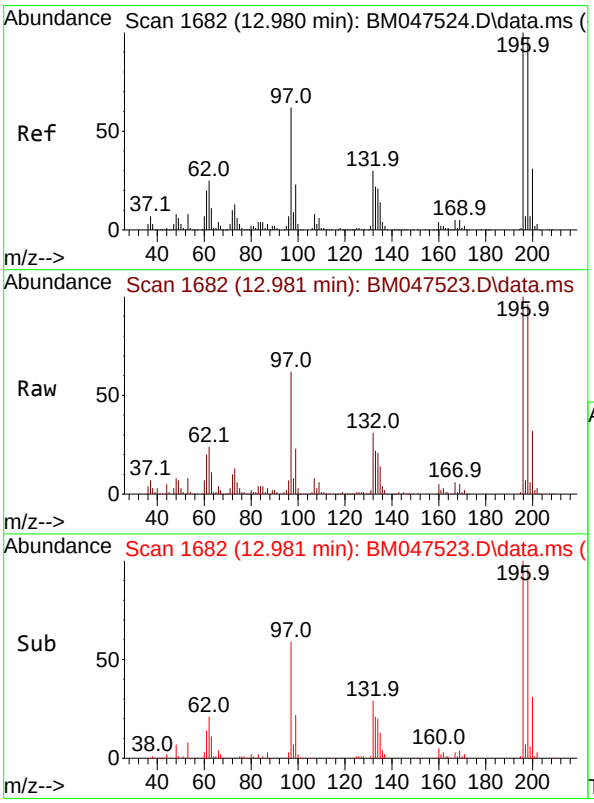
#43
2,4,6-Trichlorophenol
Concen: 19.191 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 300506

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.9	115.3
200	30.9	24.3	36.5

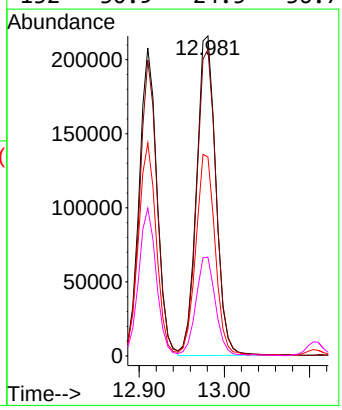


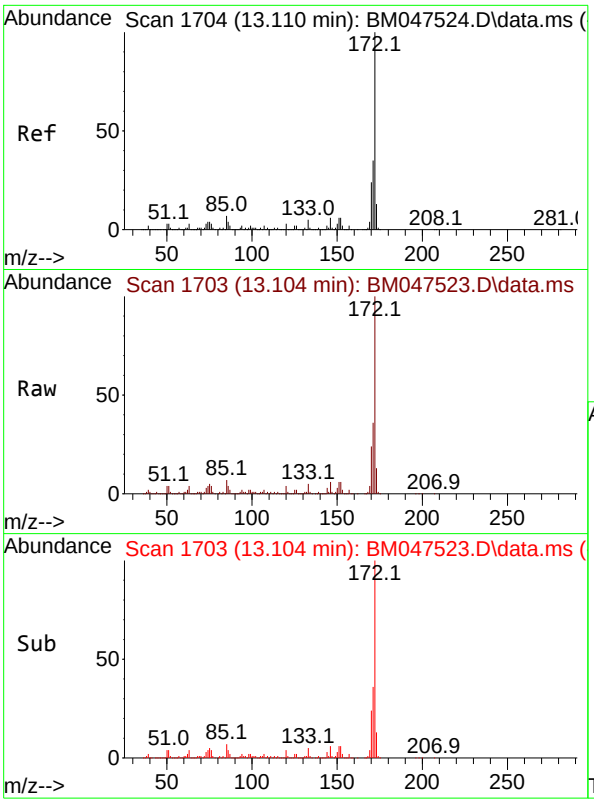


#44
2,4,5-Trichlorophenol
Concen: 19.144 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:196 Resp: 338597

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.4	116.2
97	62.1	49.8	74.8
132	30.9	24.5	36.7



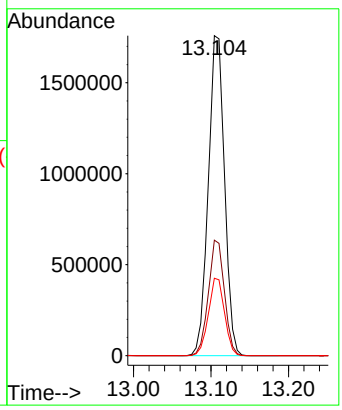


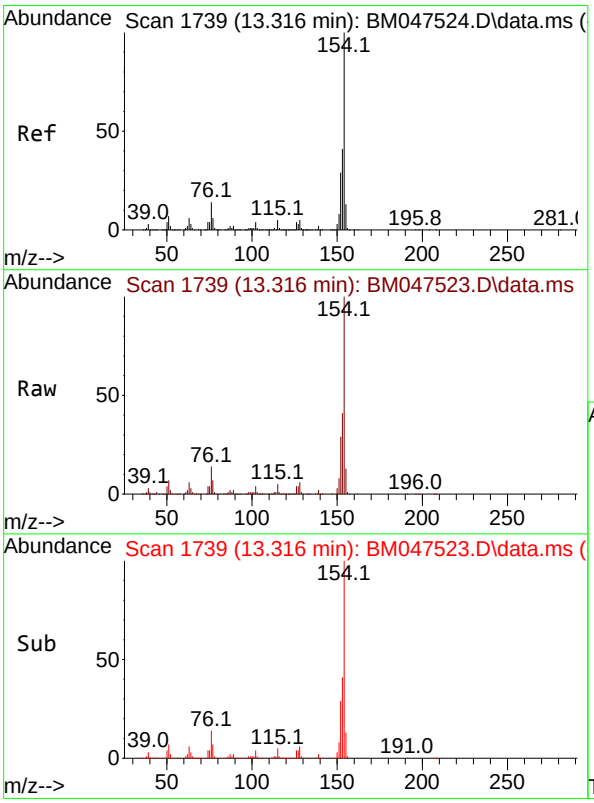
#45
2-Fluorobiphenyl
Concen: 38.163 ng
RT: 13.104 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2559019

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	24.2	19.4	29.0

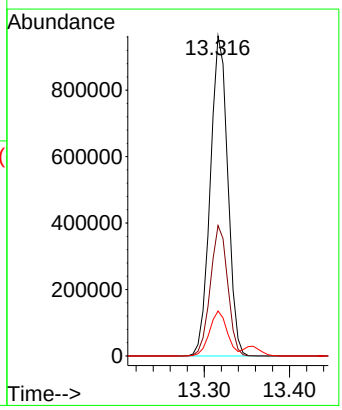


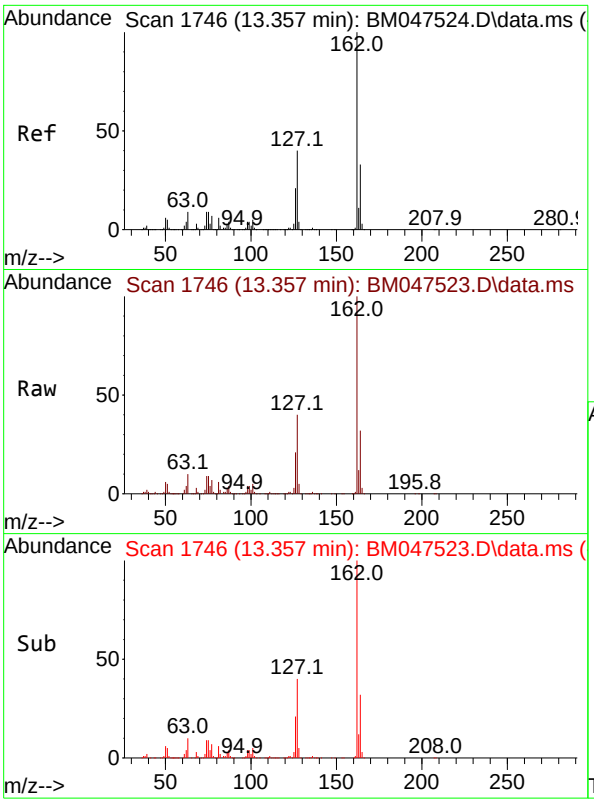


#46
1,1'-Biphenyl
Concen: 19.152 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:154 Resp: 1376433

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	14.1	0.0	33.9



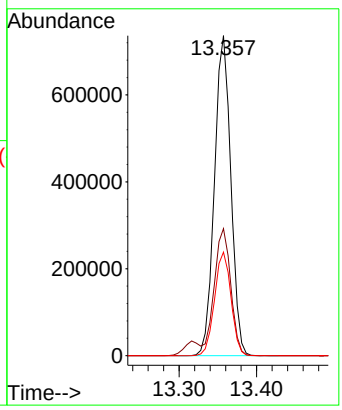


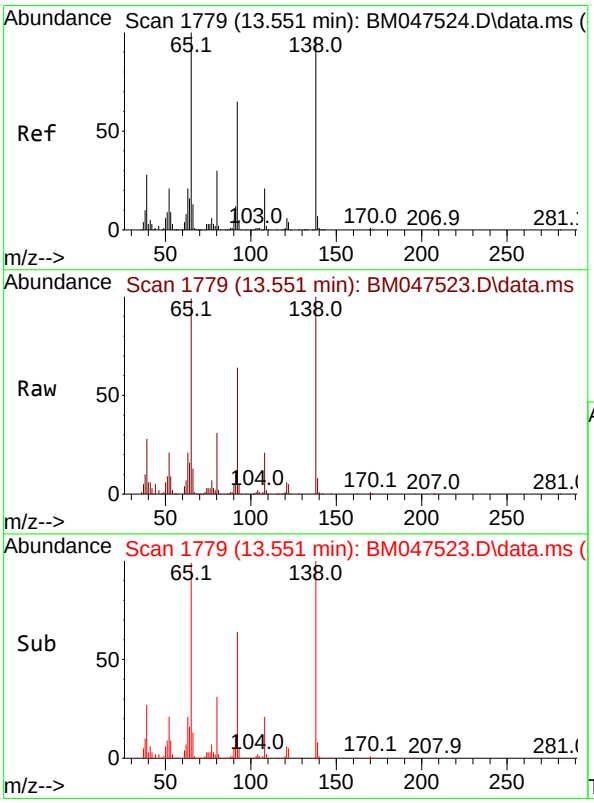
#47
2-Chloronaphthalene
Concen: 19.344 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1079485

Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.2	48.4
164	32.4	26.3	39.5

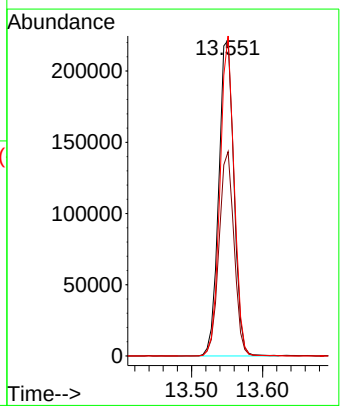


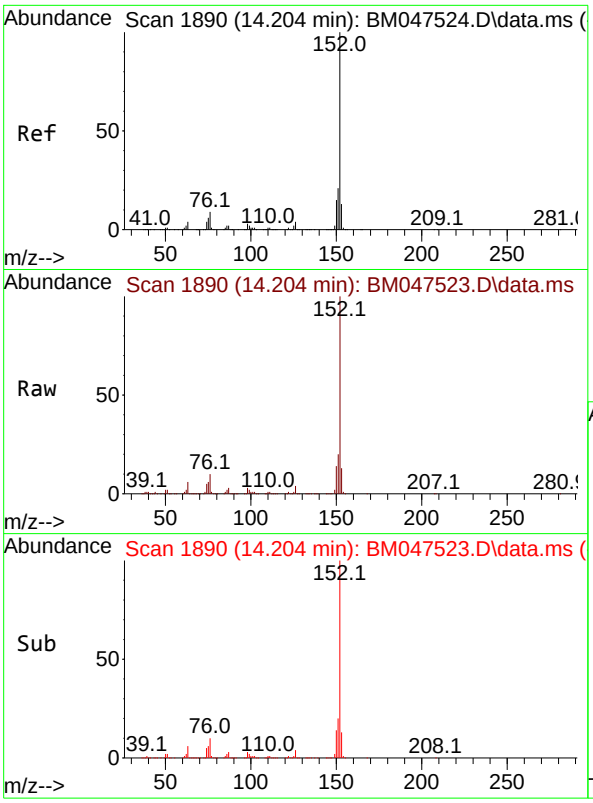


#48
2-Nitroaniline
Concen: 19.988 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion: 65 Resp: 327621

Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.9	77.9
138	101.4	78.5	117.7



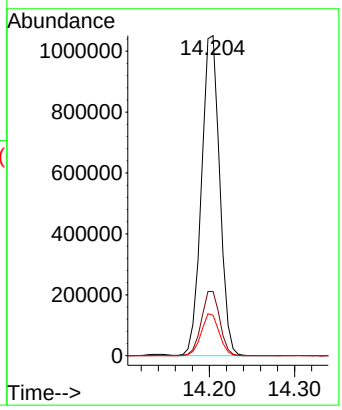


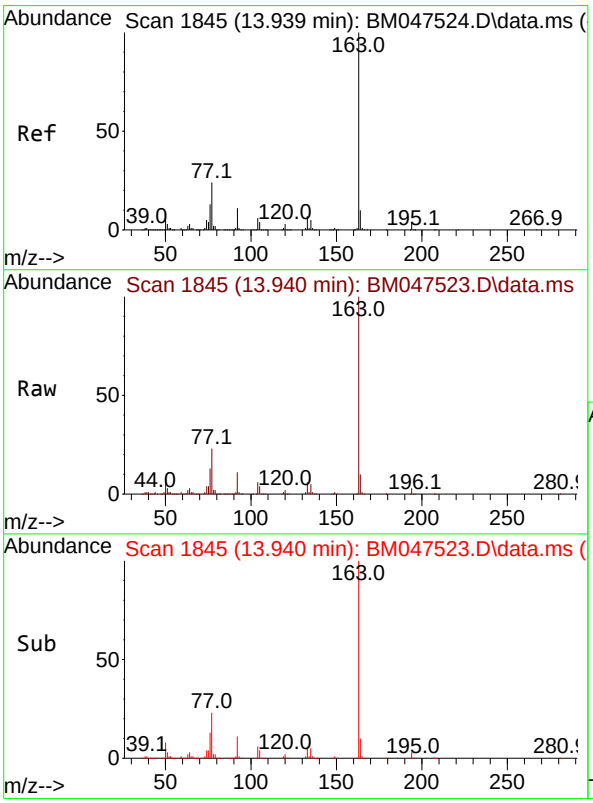
#49
Acenaphthylene
Concen: 19.293 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1553646

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	12.6	10.4	15.6

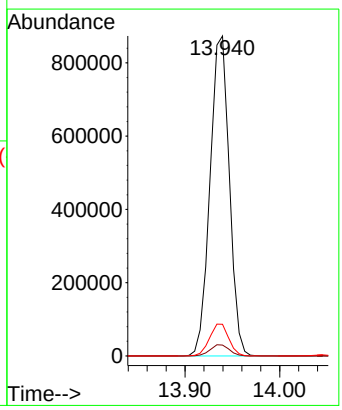


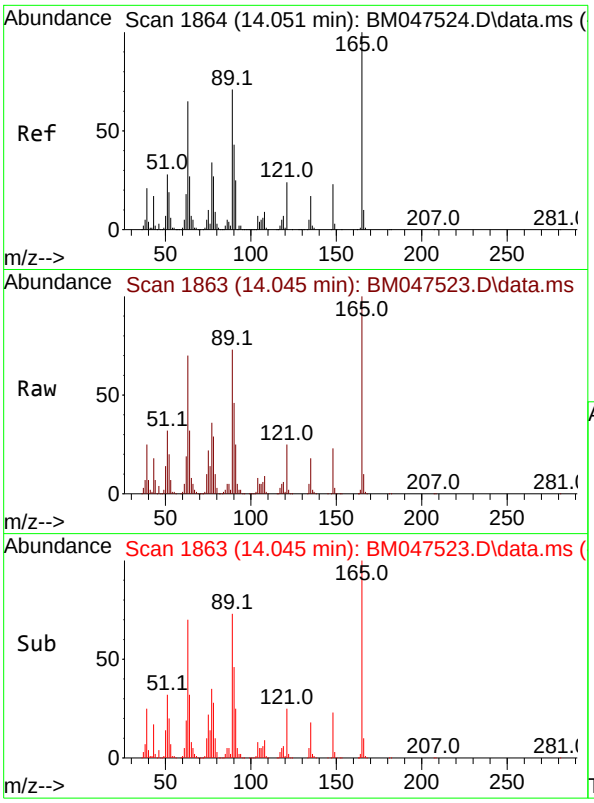


#50
Dimethylphthalate
Concen: 19.601 ng
RT: 13.940 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:163 Resp: 1234071

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.9	7.9	11.9



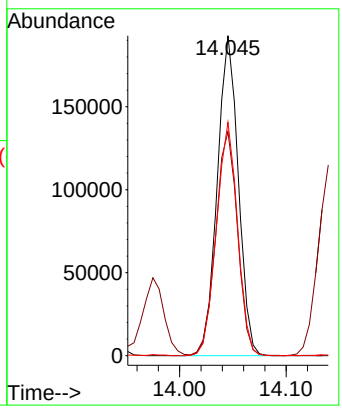


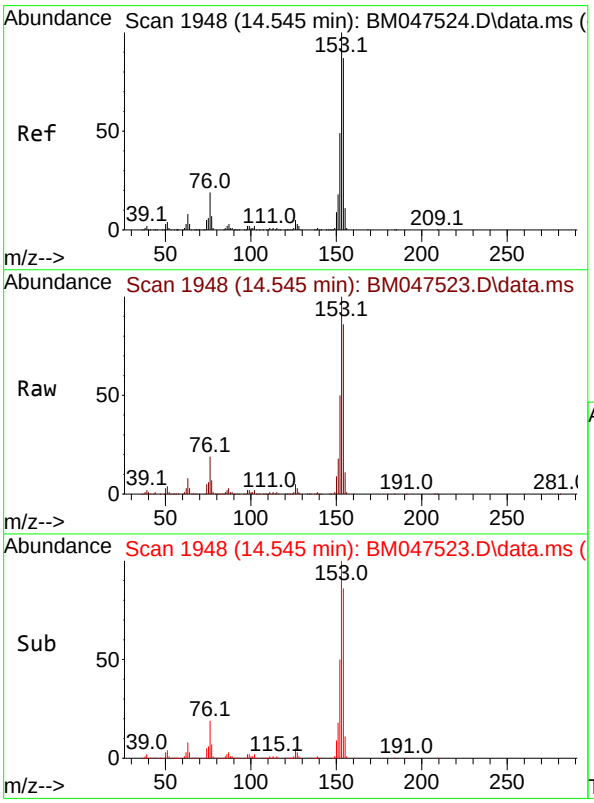
#51
2,6-Dinitrotoluene
Concen: 19.825 ng
RT: 14.045 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 263492

Ion	Ratio	Lower	Upper
165	100		
63	70.1	54.2	81.2
89	72.9	56.4	84.6

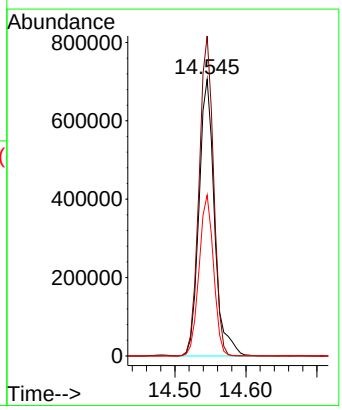


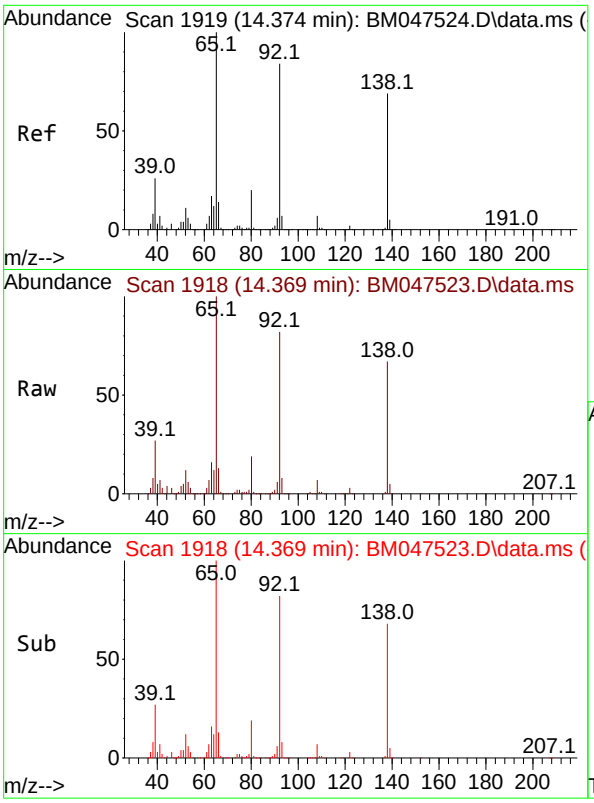


#52
Acenaphthene
Concen: 19.031 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:154 Resp: 1073800

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.2	138.2
152	58.2	45.4	68.0



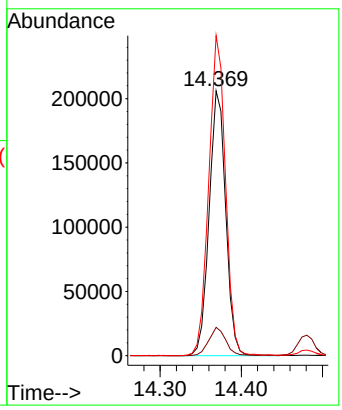


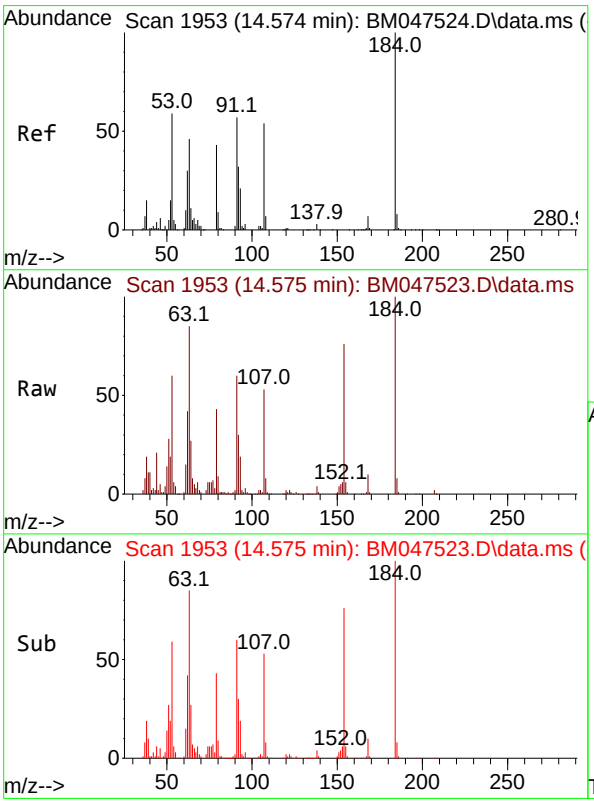
#53
3-Nitroaniline
Concen: 19.730 ng
RT: 14.369 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 291462

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.0	12.0
92	120.9	97.4	146.0

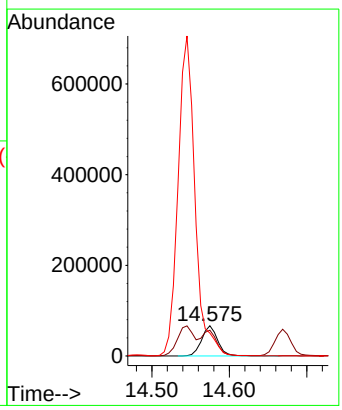


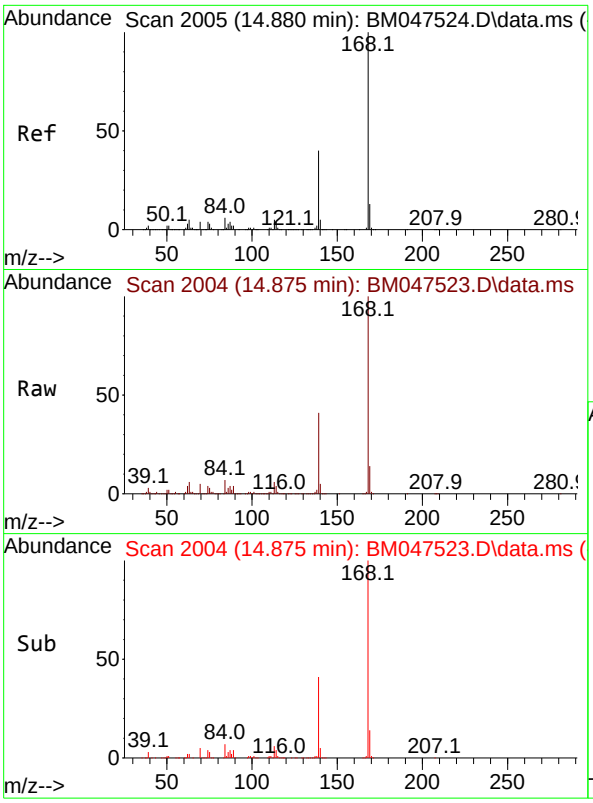


#54
2,4-Dinitrophenol
Concen: 20.092 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:184 Resp: 95439

Ion	Ratio	Lower	Upper
184	100		
63	85.2	69.4	104.0
154	75.6	60.4	90.6



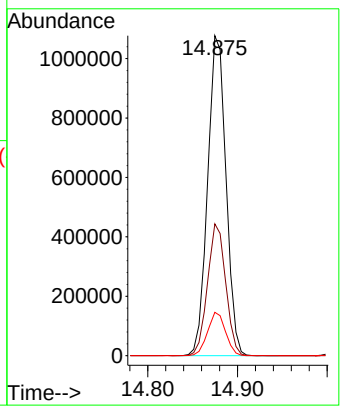


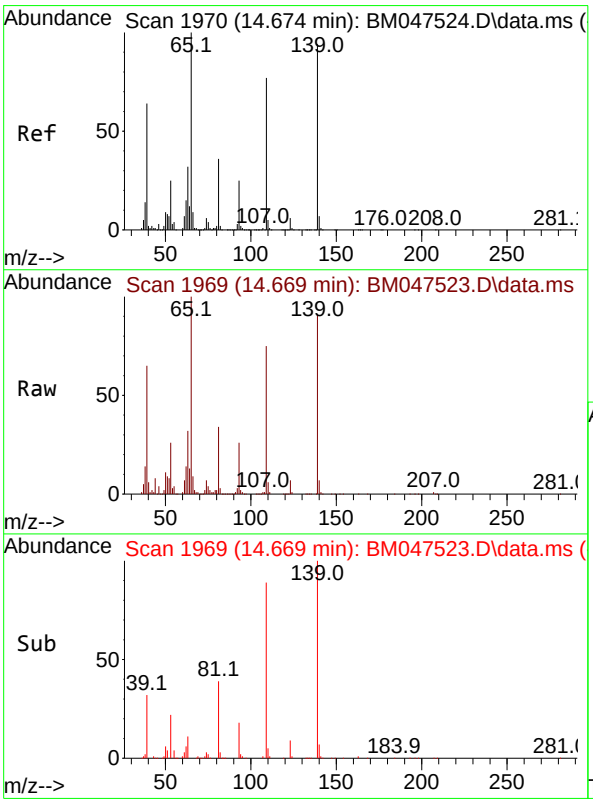
#55
Dibenzofuran
Concen: 19.279 ng
RT: 14.875 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1528665

Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.9	47.9
169	13.6	10.5	15.7

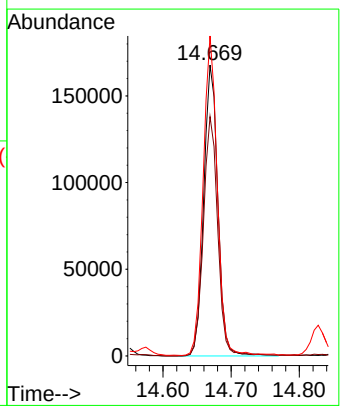


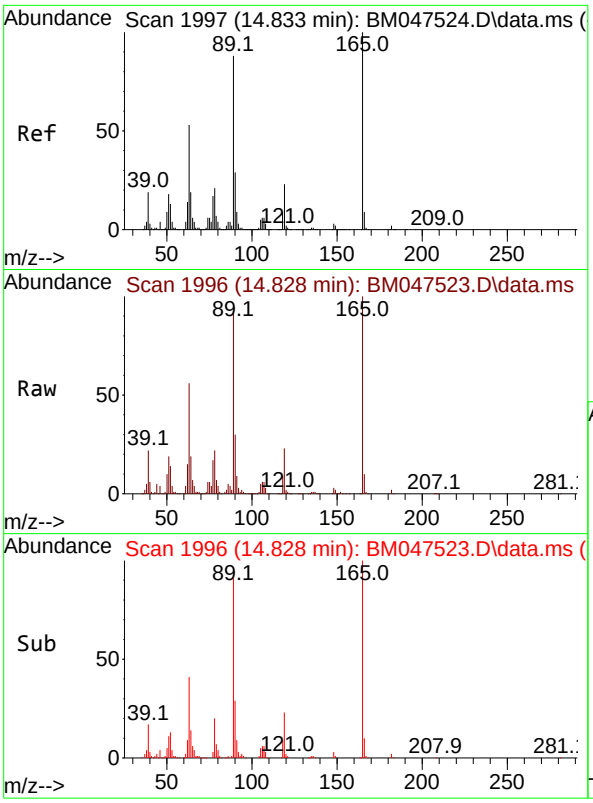


#56
4-Nitrophenol
Concen: 19.979 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:139 Resp: 242863

Ion	Ratio	Lower	Upper
139	100		
109	82.3	62.0	102.0
65	110.0	87.0	127.0



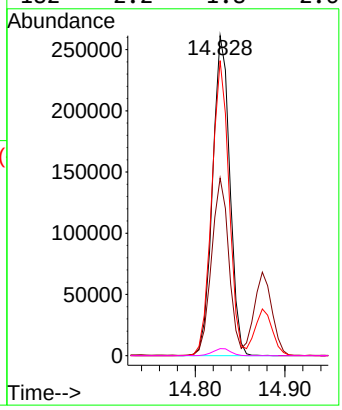


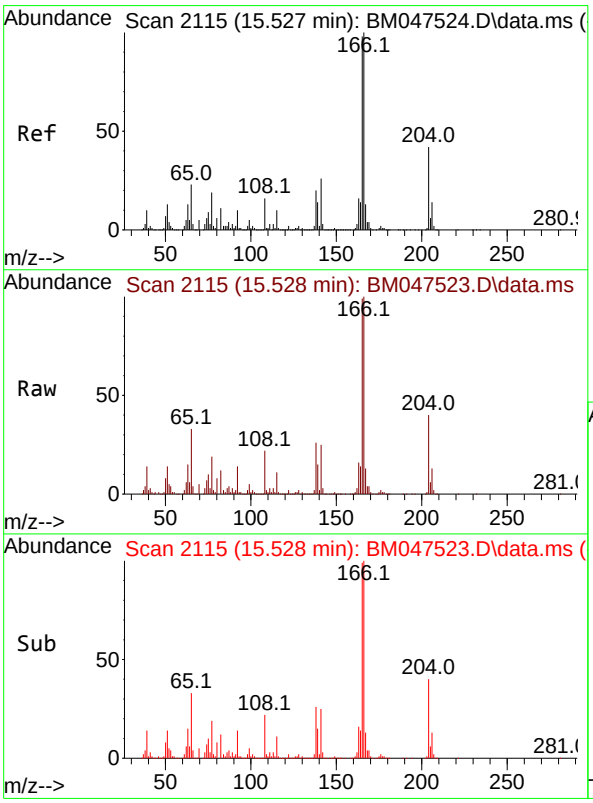
#57
2,4-Dinitrotoluene
Concen: 19.678 ng
RT: 14.828 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 348812

Ion	Ratio	Lower	Upper
165	100		
63	55.5	42.4	63.6
89	92.2	70.5	105.7
182	2.2	1.8	2.6

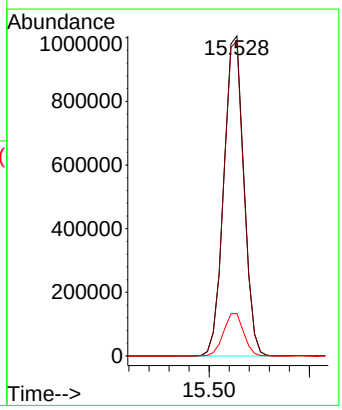


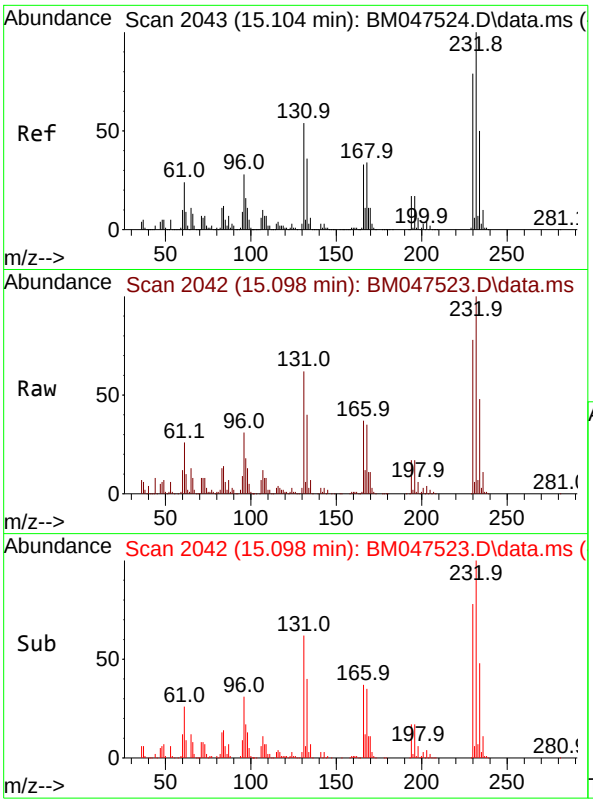


#58
Fluorene
Concen: 19.490 ng
RT: 15.528 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:166 Resp: 1391341

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.3	10.7	16.1



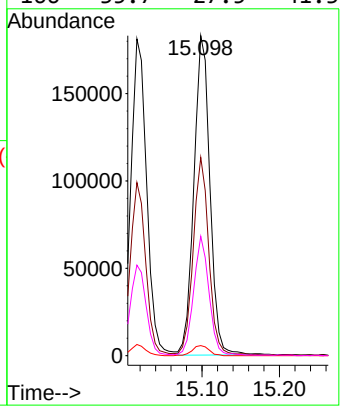


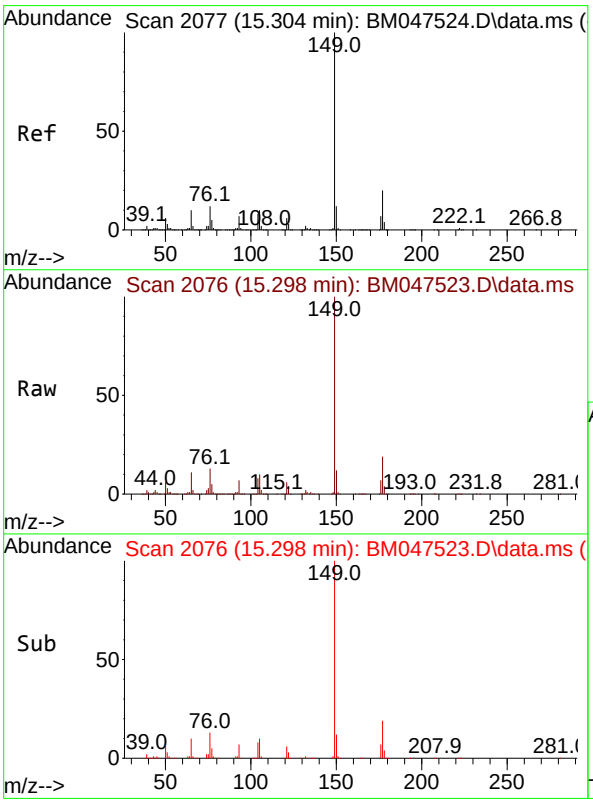
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.048 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 262673

Ion	Ratio	Lower	Upper
232	100		
131	60.6	47.0	70.4
130	3.3	2.6	3.8
166	35.7	27.5	41.3

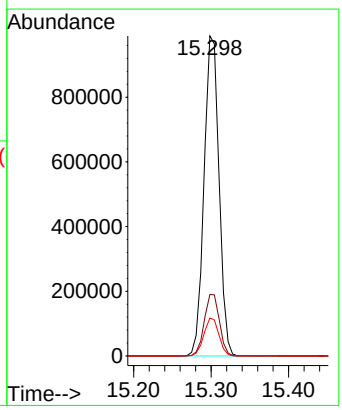


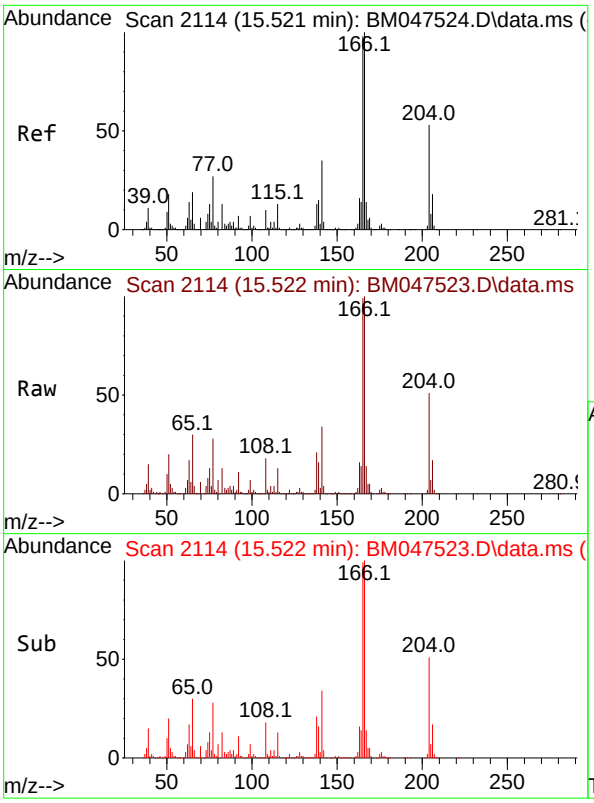


#60
Diethylphthalate
Concen: 19.779 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:149 Resp: 1325288

Ion	Ratio	Lower	Upper
149	100		
177	19.2	15.8	23.8
150	11.8	9.7	14.5



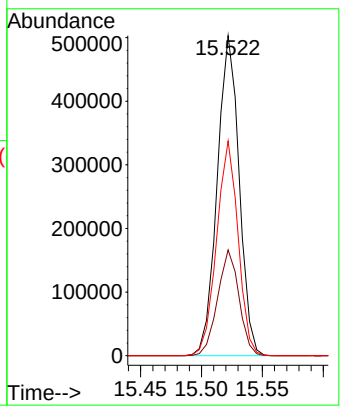


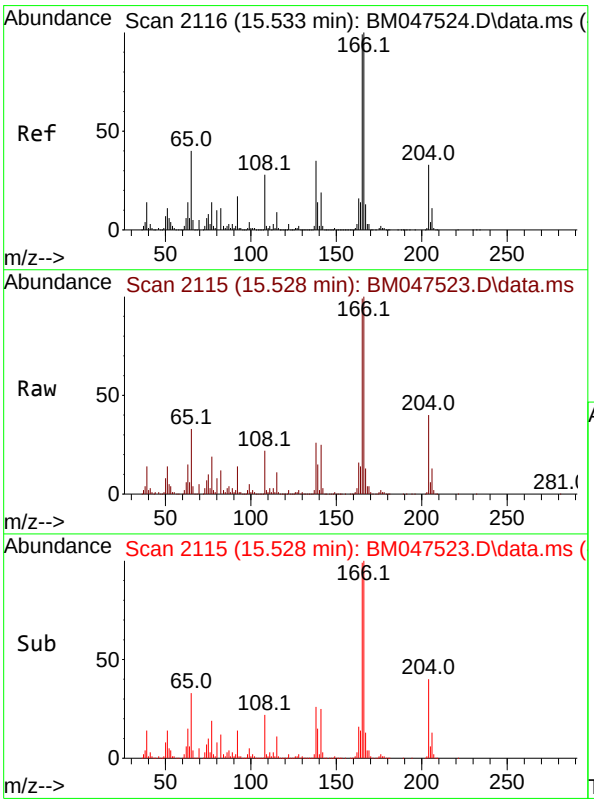
#61
4-Chlorophenyl-phenylether
Concen: 19.318 ng
RT: 15.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 630563

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	67.1	52.1	78.1

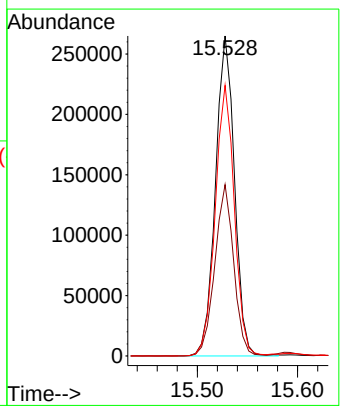


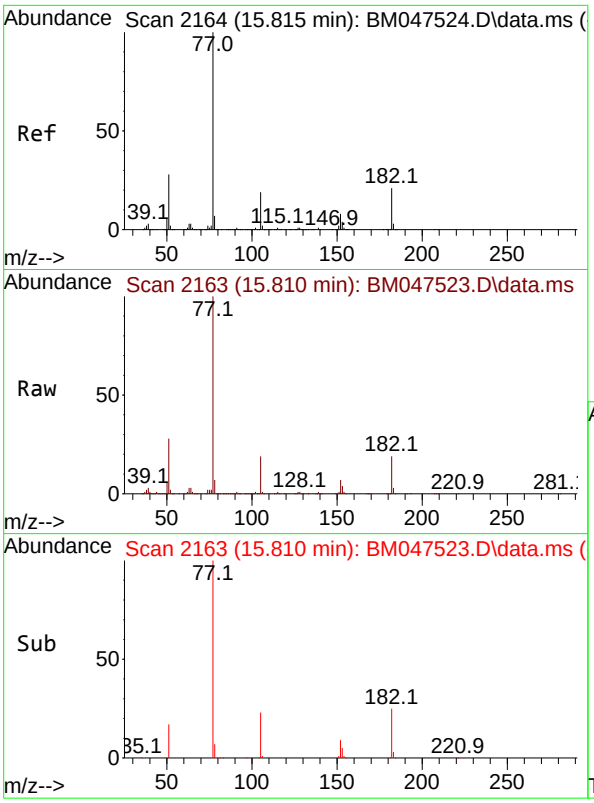


#62
4-Nitroaniline
Concen: 20.055 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:138 Resp: 348254

Ion	Ratio	Lower	Upper
138	100		
92	53.6	30.0	70.0
108	84.5	61.7	101.7



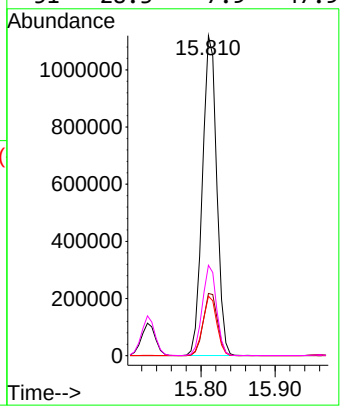


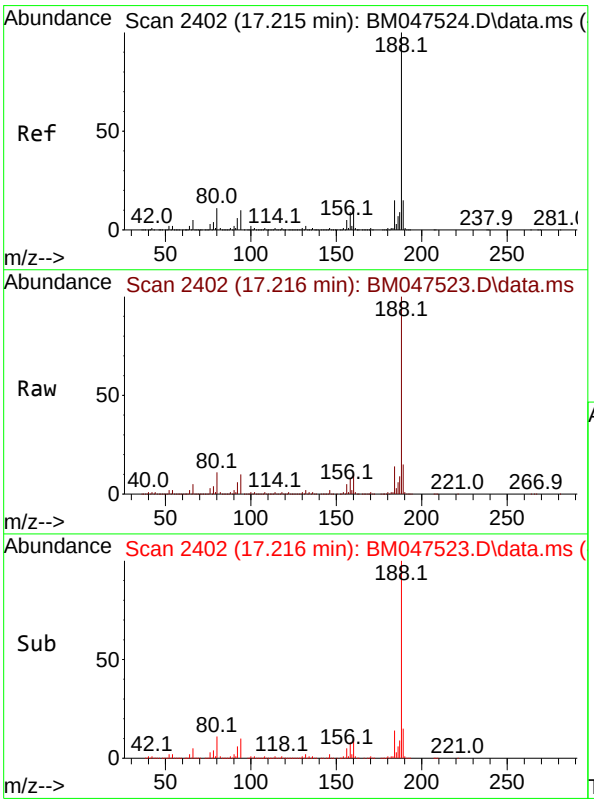
#63
Azobenzene
Concen: 20.288 ng
RT: 15.810 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1496804

Ion	Ratio	Lower	Upper
77	100		
182	19.4	1.2	41.2
105	18.6	0.0	39.4
51	28.3	7.9	47.9

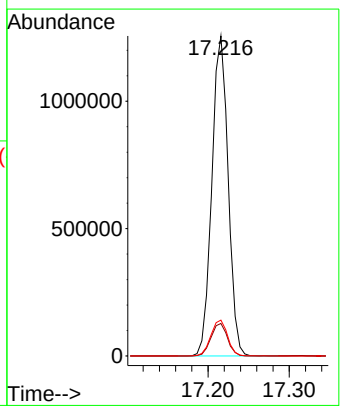


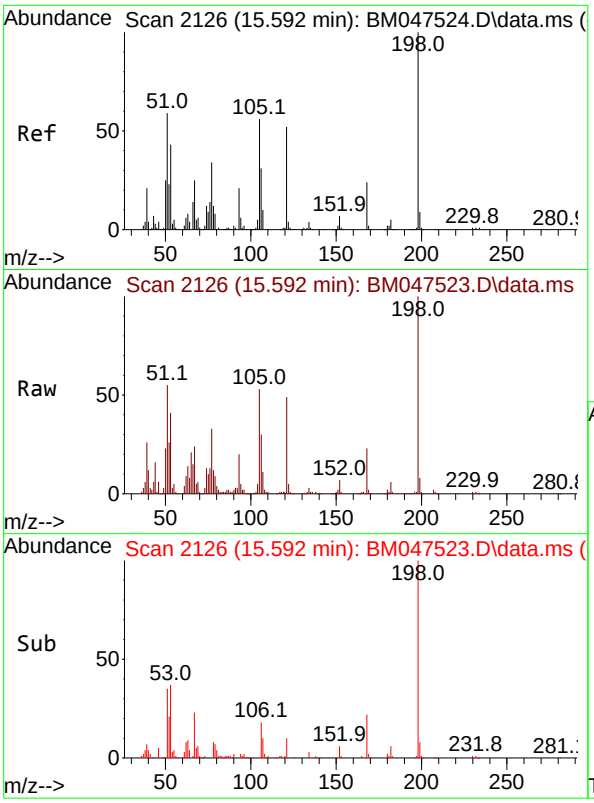


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:188 Resp: 1751897

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	11.2	9.1	13.7



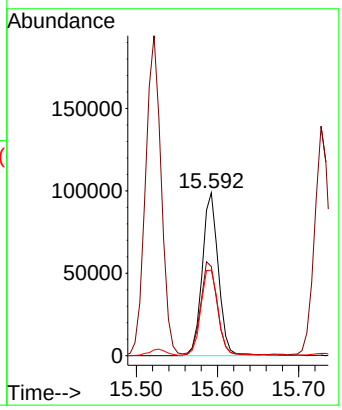


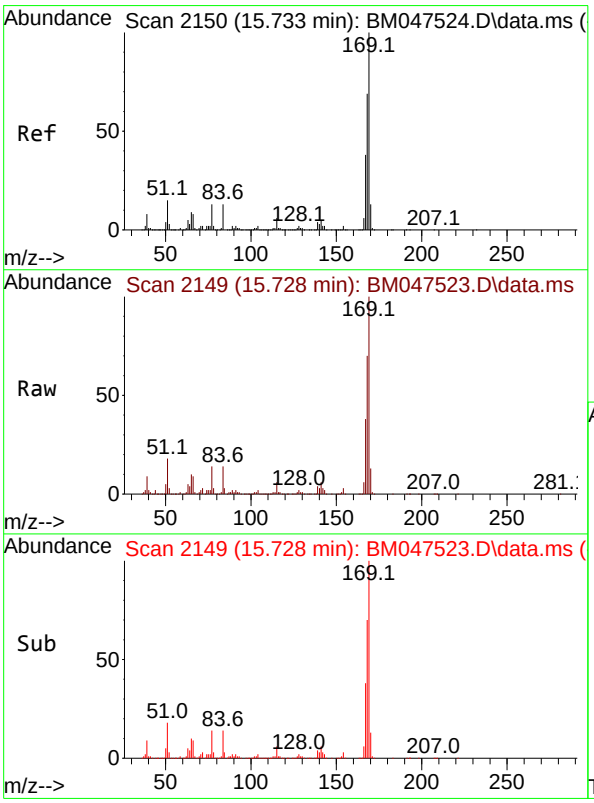
#65
4,6-Dinitro-2-methylphenol
Concen: 20.104 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 135667

Ion	Ratio	Lower	Upper
198	100		
51	54.7	41.5	81.5
105	52.5	36.4	76.4

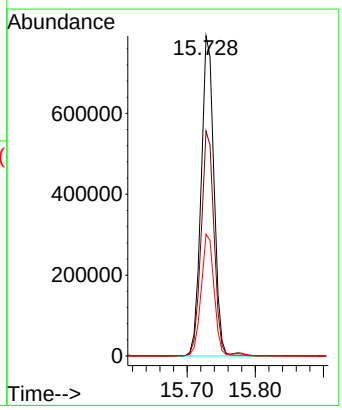


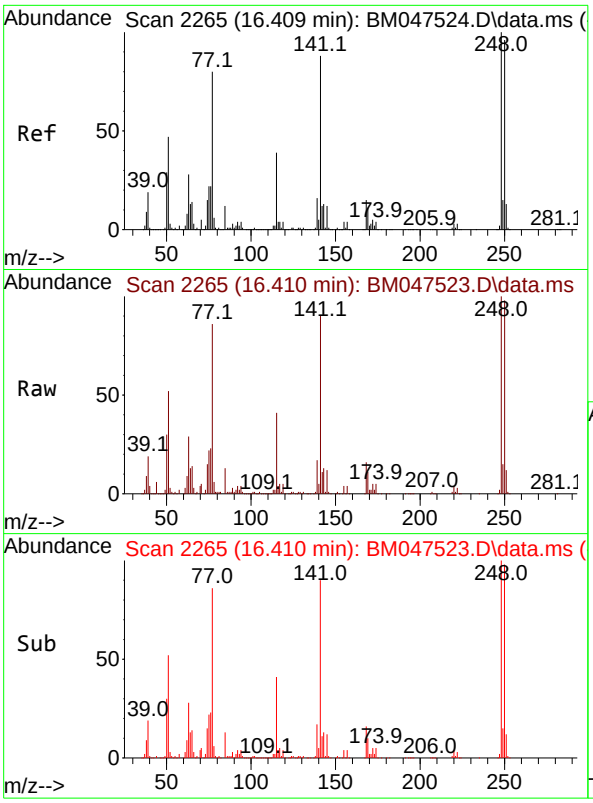


#66
n-Nitrosodiphenylamine
Concen: 19.283 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:169 Resp: 1033465

Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.3	82.9
167	38.0	30.5	45.7



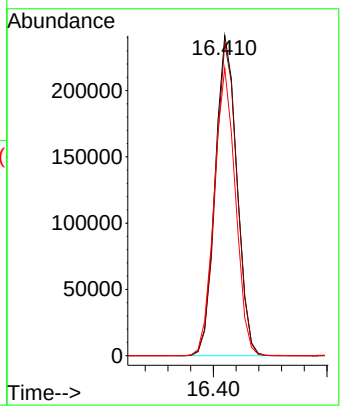


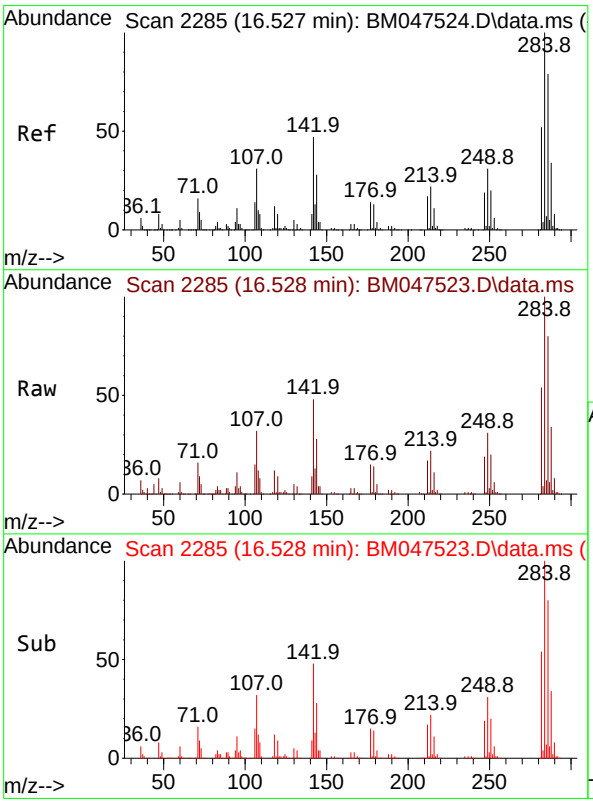
#67
4-Bromophenyl-phenylether
Concen: 18.807 ng
RT: 16.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 320141

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	89.8	70.8	106.2

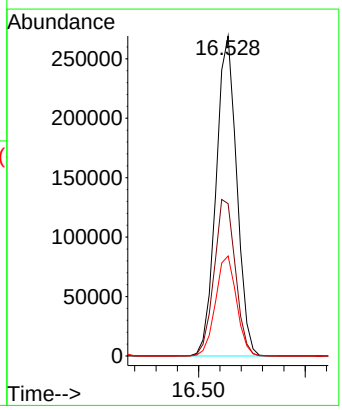


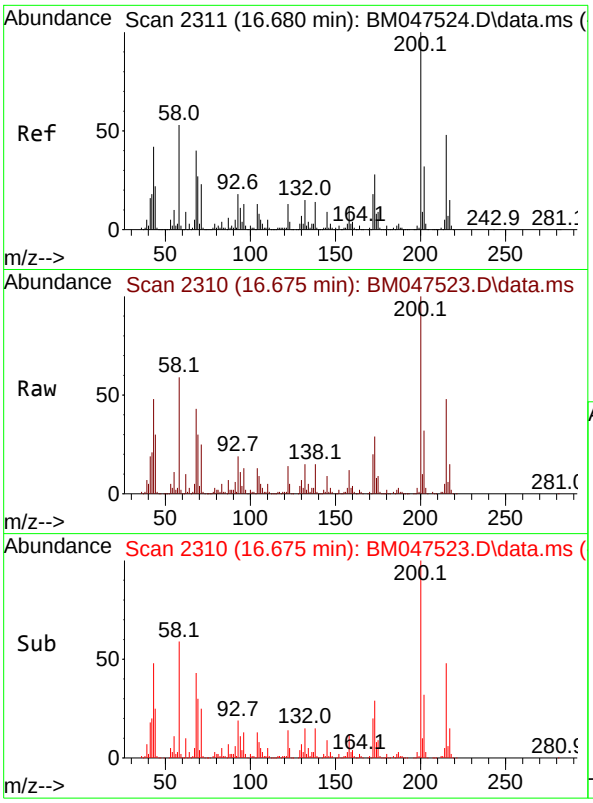


#68
Hexachlorobenzene
Concen: 18.759 ng
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:284 Resp: 361746

Ion	Ratio	Lower	Upper
284	100		
142	47.6	37.3	55.9
249	31.2	24.5	36.7



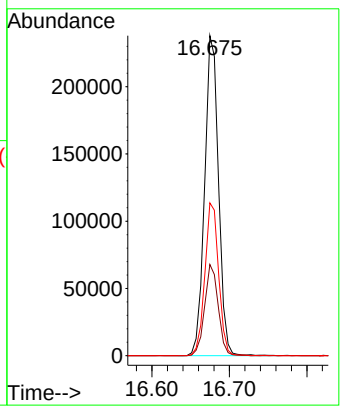


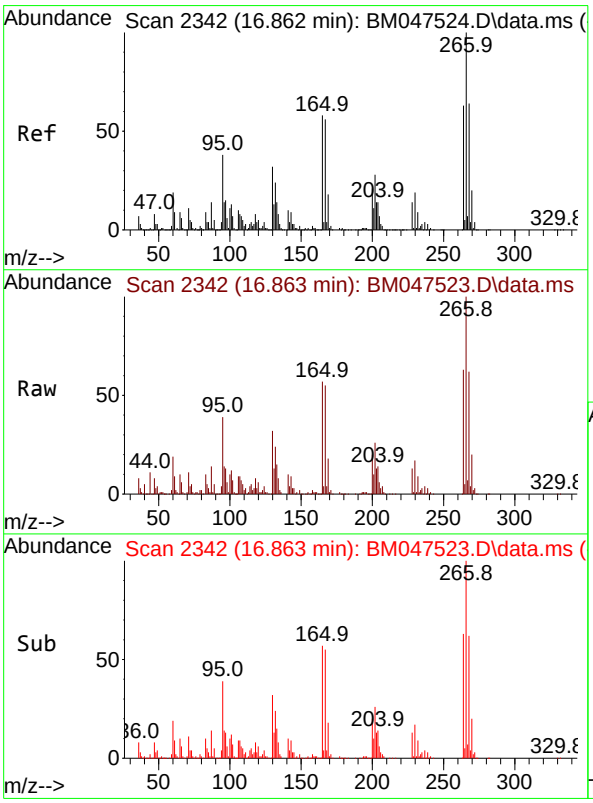
#69
Atrazine
Concen: 19.952 ng
RT: 16.675 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 295545

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.7	47.7
215	47.7	27.9	67.9

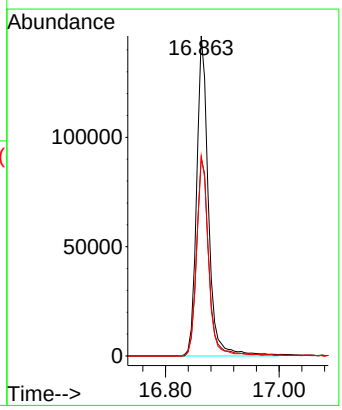


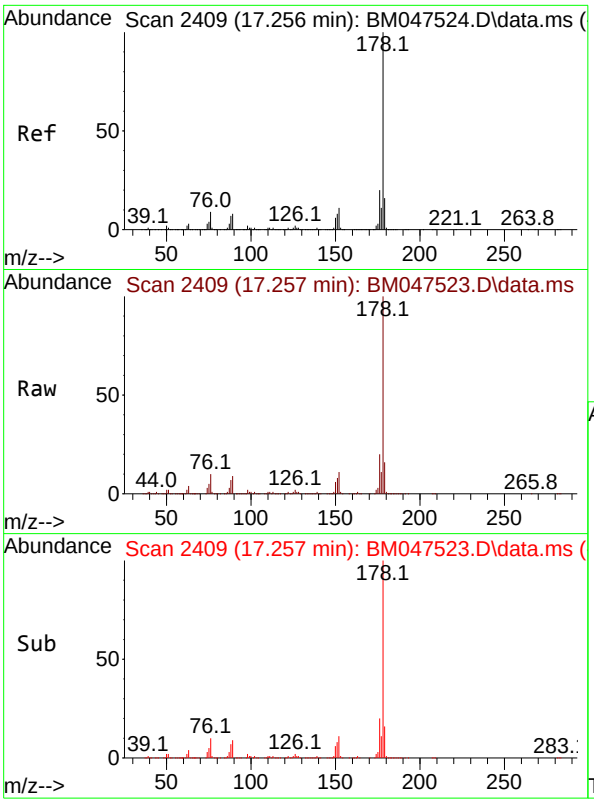


#70
Pentachlorophenol
Concen: 18.928 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:266 Resp: 211585

Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.0	76.4
264	62.6	50.4	75.6



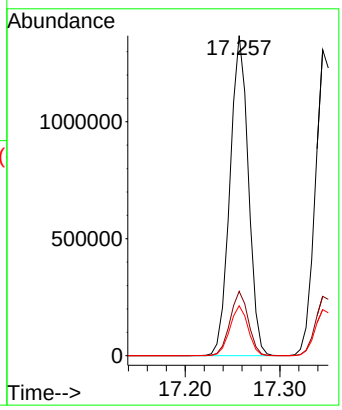


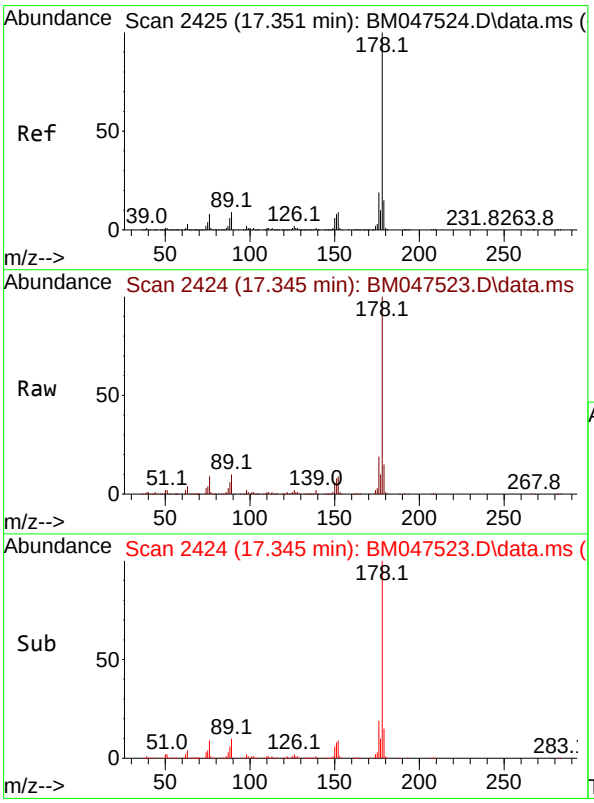
#71
Phenanthrene
Concen: 19.123 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1846292

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.6	12.4	18.6

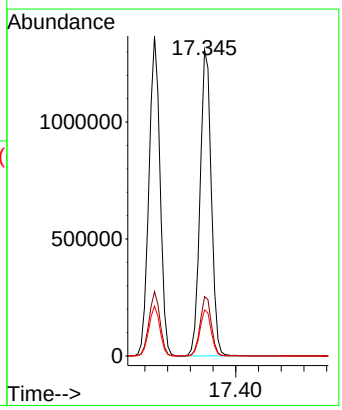


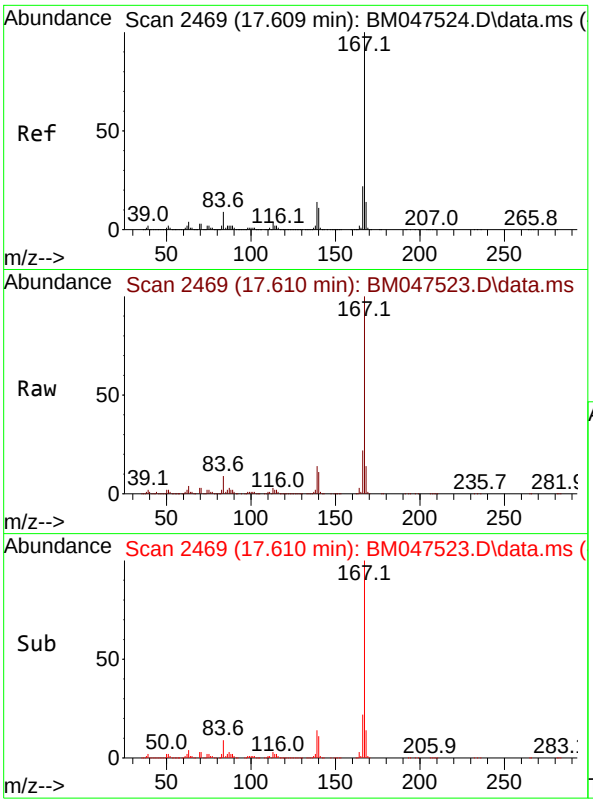


#72
Anthracene
Concen: 19.289 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:178 Resp: 1789228

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.1	12.3	18.5



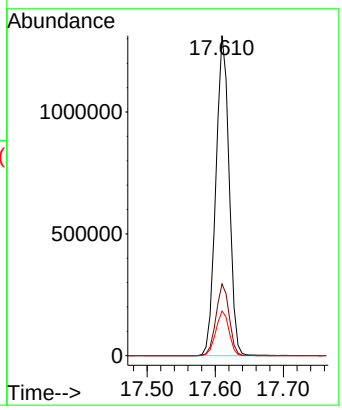


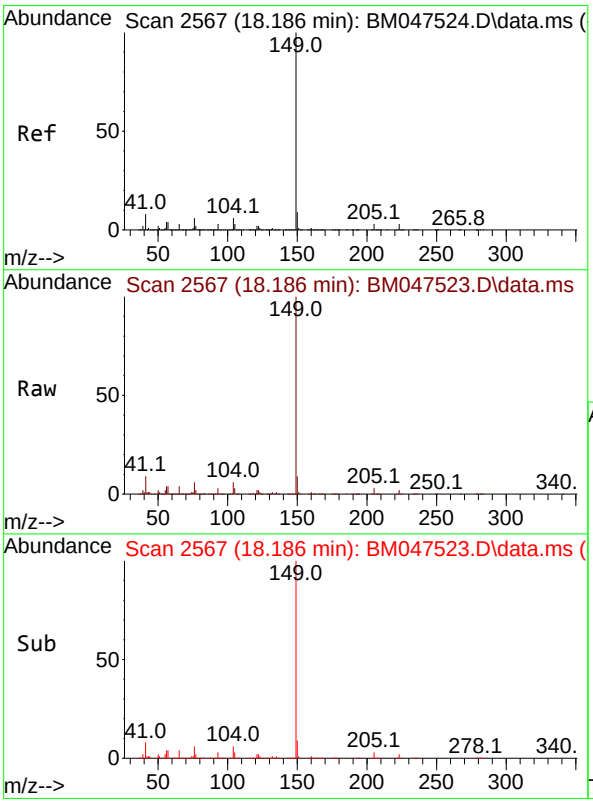
#73
Carbazole
Concen: 19.343 ng
RT: 17.610 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1778076

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	14.0	11.0	16.6

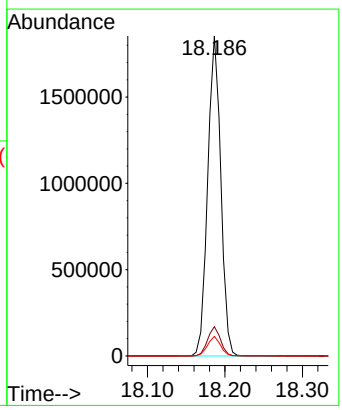


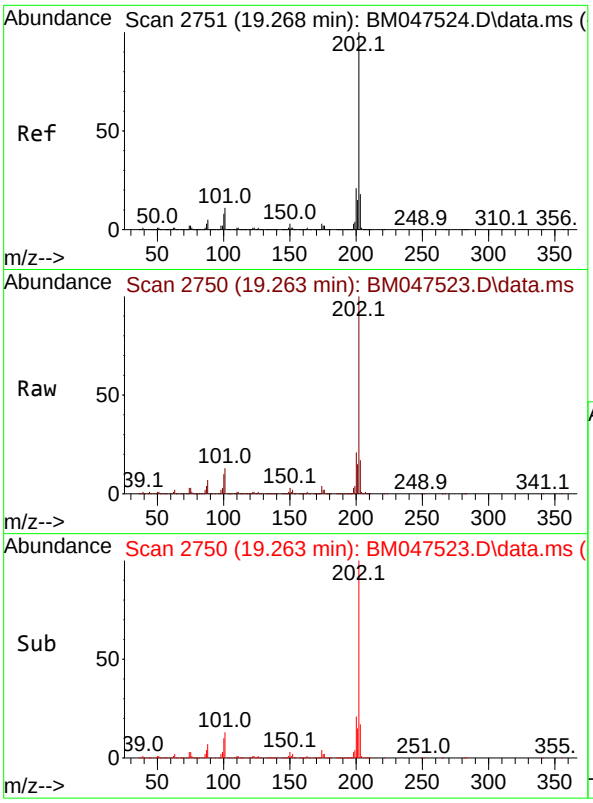


#74
Di-n-butylphthalate
Concen: 19.713 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:149 Resp: 2168251

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.1	4.6	6.8



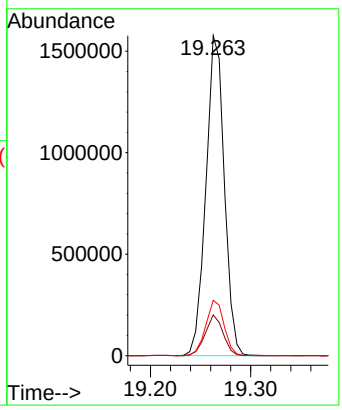


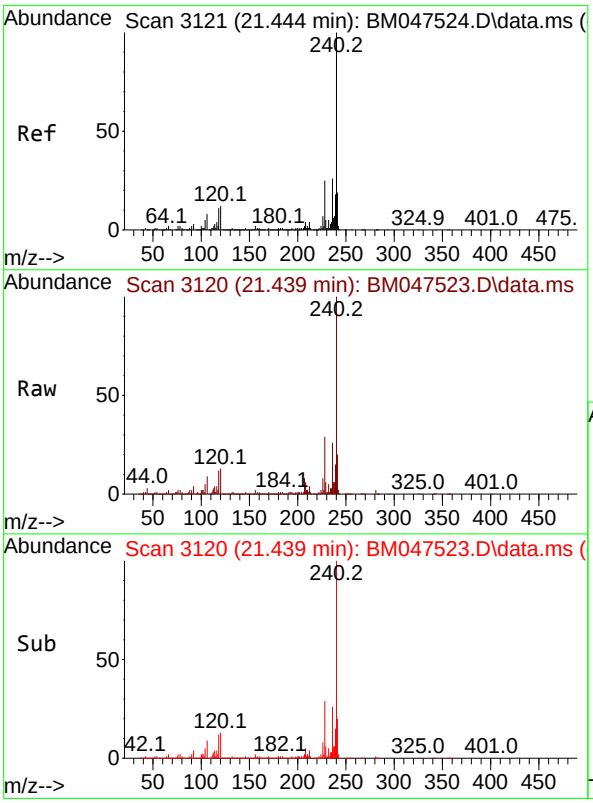
#75
Fluoranthene
Concen: 19.109 ng
RT: 19.263 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 2012958

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.8
203	17.3	0.0	37.7

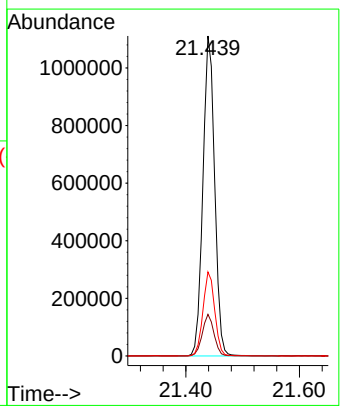


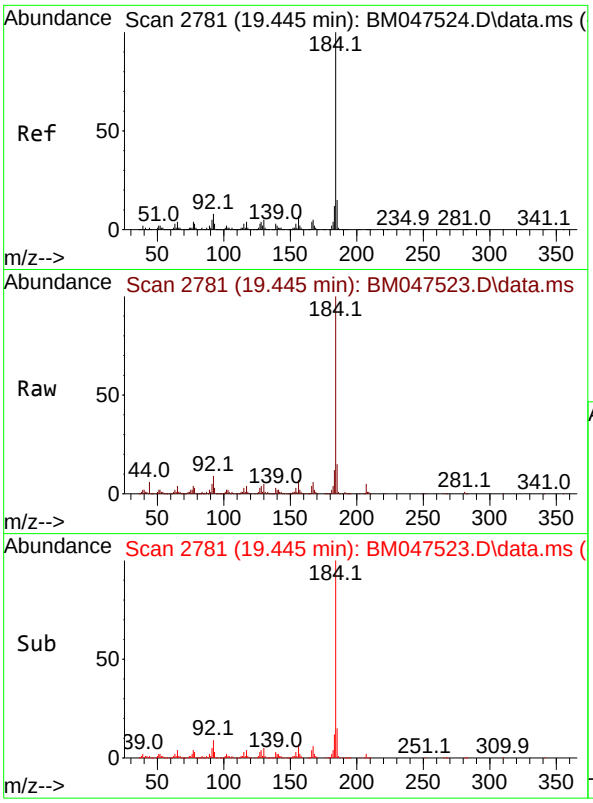


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:240 Resp: 1587065

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.6	14.4
236	26.3	20.9	31.3



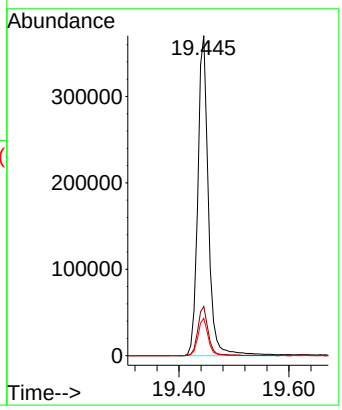


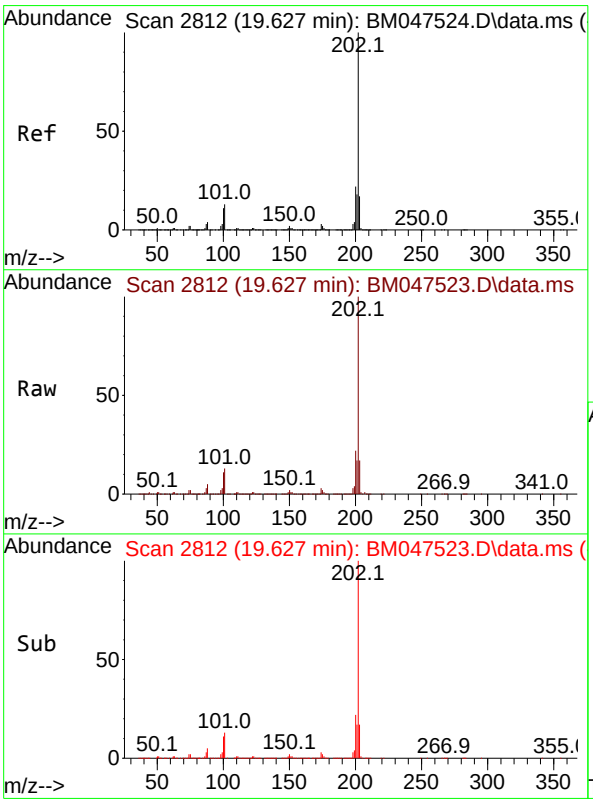
#77
Benzidine
Concen: 22.182 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 495797

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	11.7	9.6	14.4

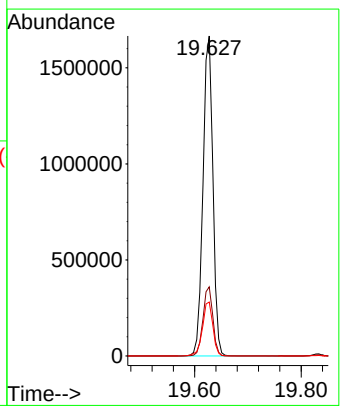


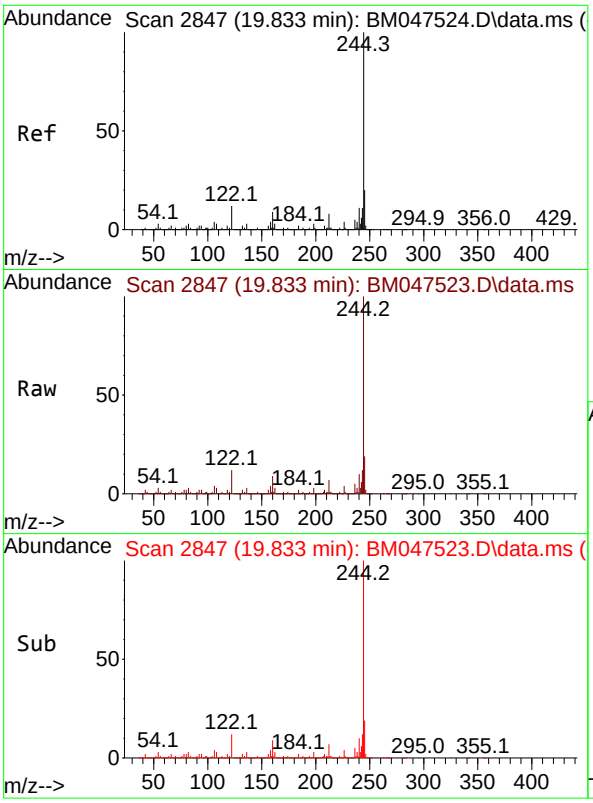


#78
Pyrene
Concen: 18.554 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:202 Resp: 2147890

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	16.9	14.0	21.0



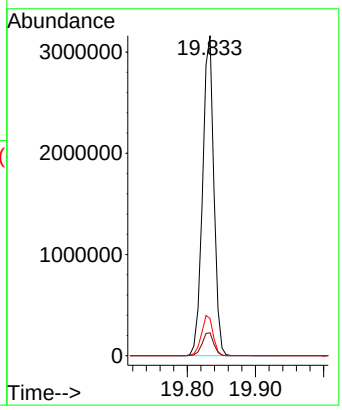


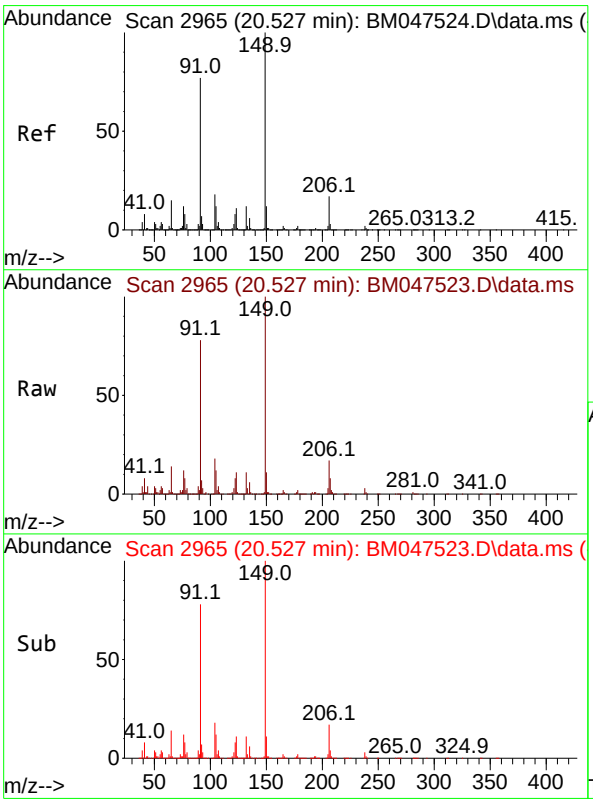
#79
Terphenyl-d14
Concen: 40.931 ng
RT: 19.833 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 3625135

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.6	9.6	14.4

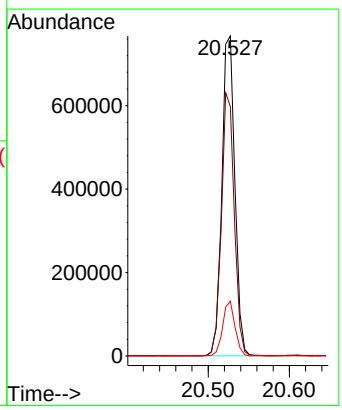


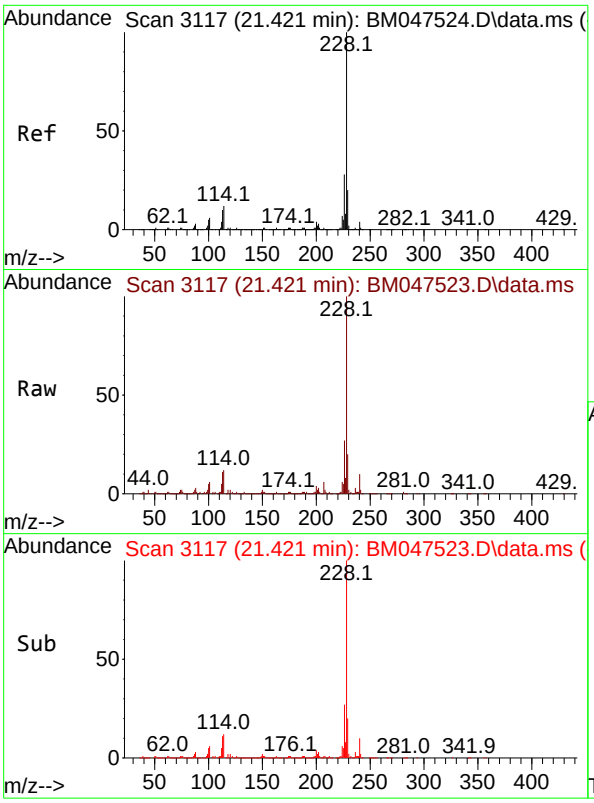


#80
Butylbenzylphthalate
Concen: 19.228 ng
RT: 20.527 min Scan# 2965
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:149 Resp: 856878

Ion	Ratio	Lower	Upper
149	100		
91	77.9	62.0	93.0
206	17.1	13.8	20.8



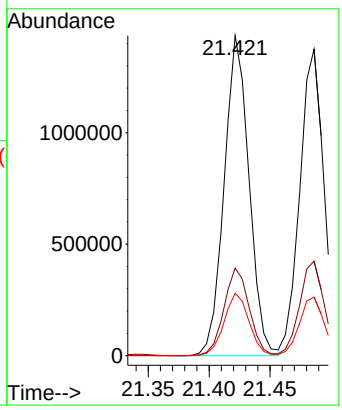


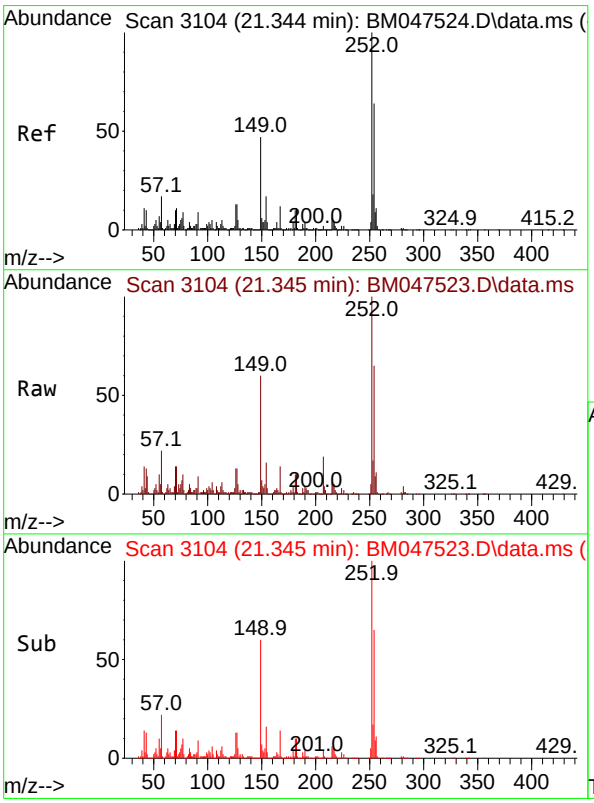
#81
Benzo(a)anthracene
Concen: 19.725 ng
RT: 21.421 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2040458

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	19.5	16.0	24.0

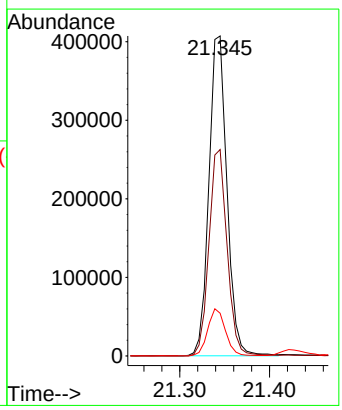


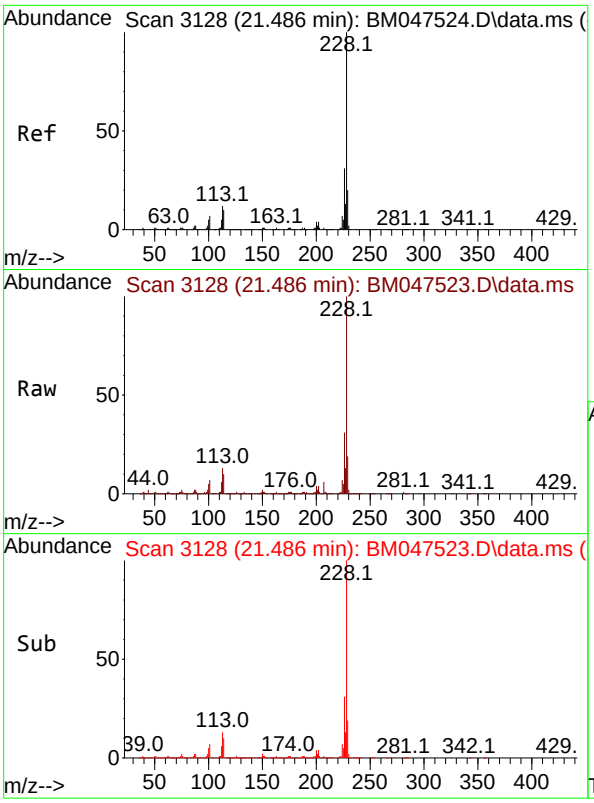


#82
3,3'-Dichlorobenzidine
Concen: 20.664 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:252 Resp: 568618

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	13.3	10.3	15.5



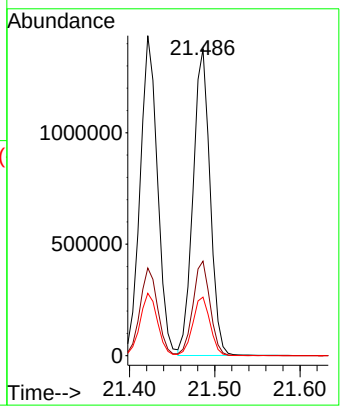


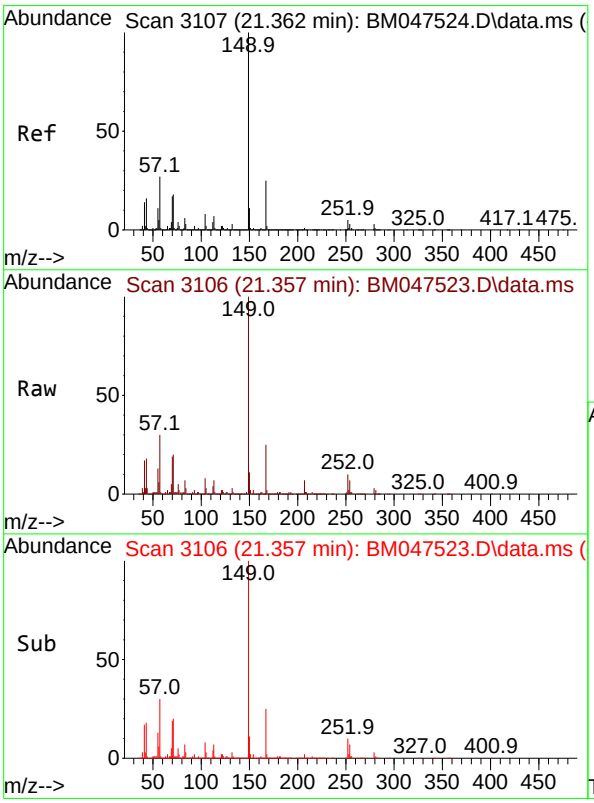
#83
Chrysene
Concen: 19.472 ng
RT: 21.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1905289

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.1	15.9	23.9

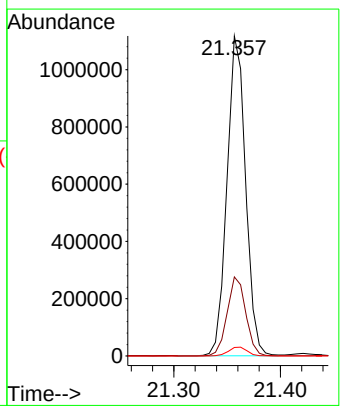


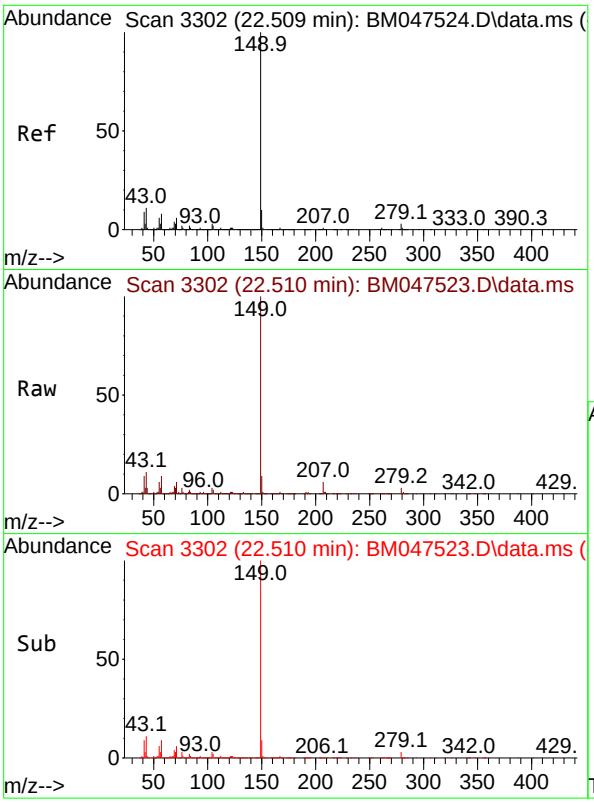


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.416 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:149 Resp: 1355453

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.2	30.4
279	2.7	2.6	4.0



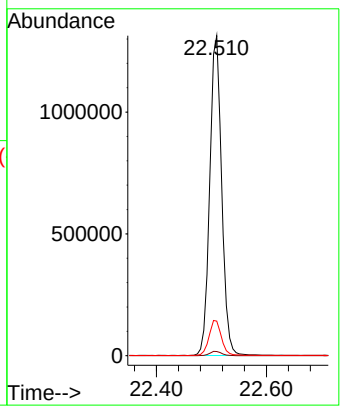


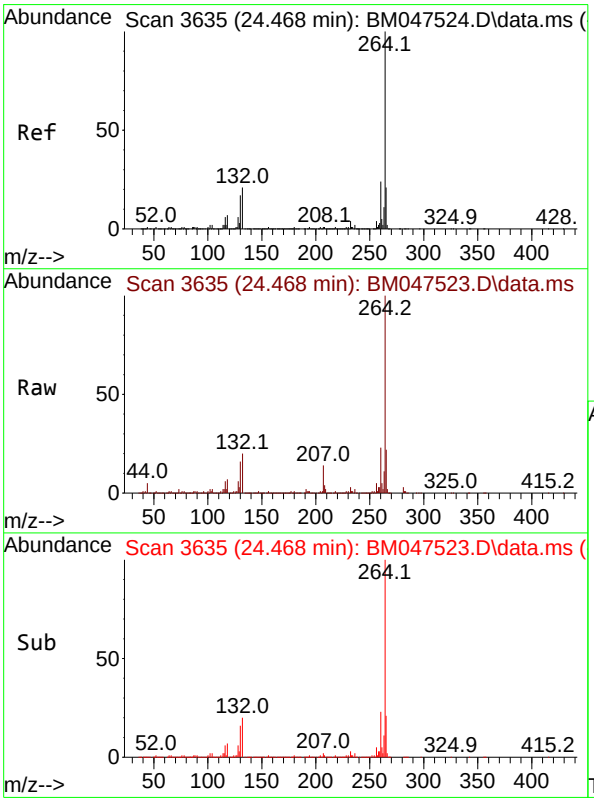
#85
Di-n-octyl phthalate
Concen: 19.984 ng
RT: 22.510 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1973400

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.5	8.9	13.3

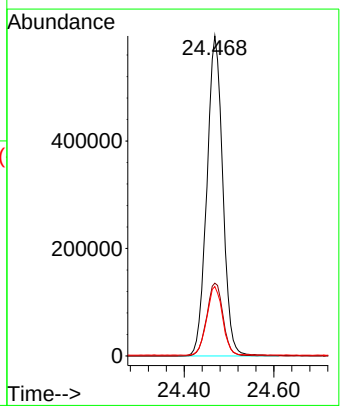


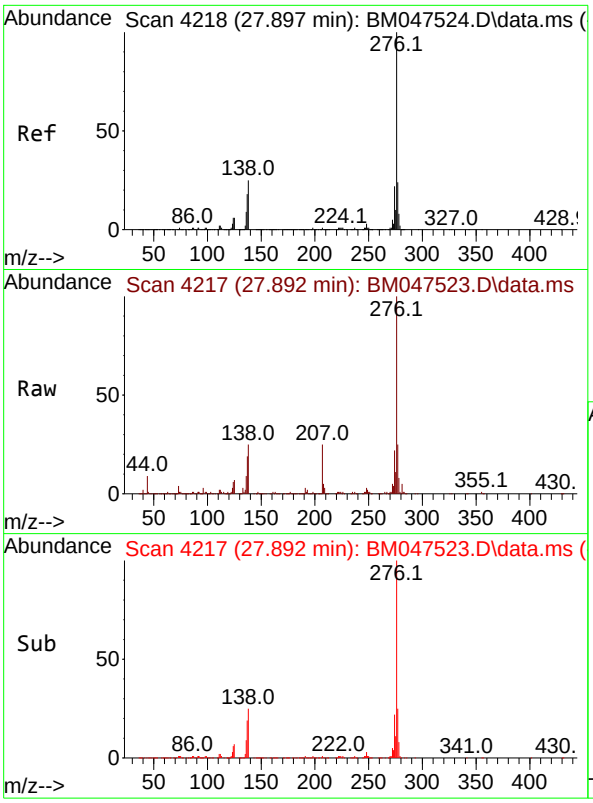


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.001 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:264 Resp: 1465788

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	21.7	17.4	26.2



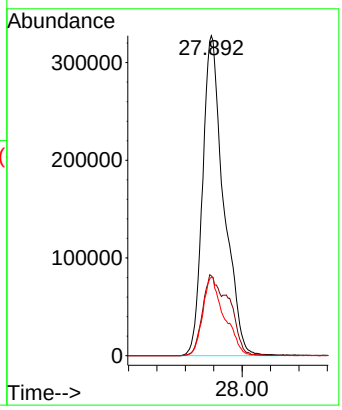


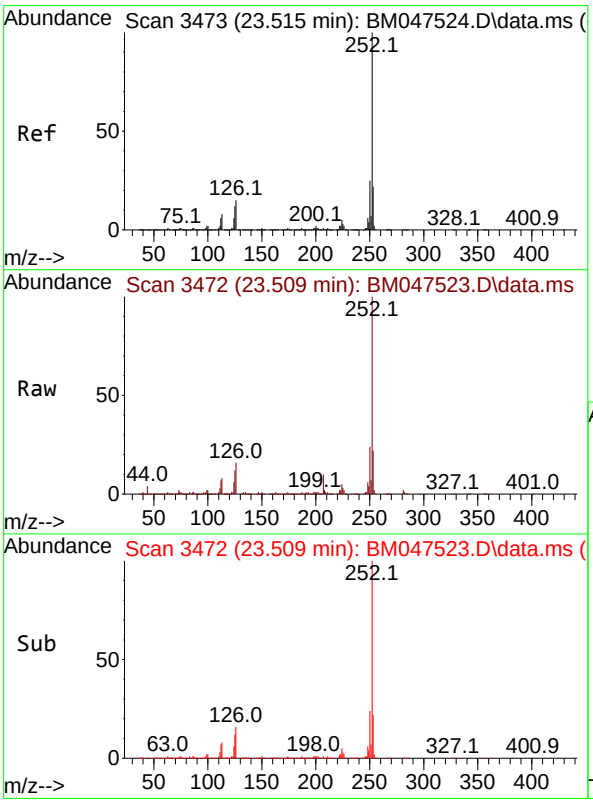
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.253 ng
RT: 27.892 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 1688895

Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	25.1	20.1	30.1

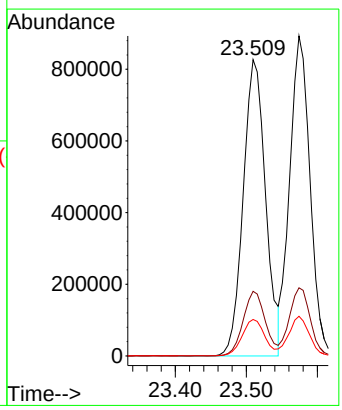


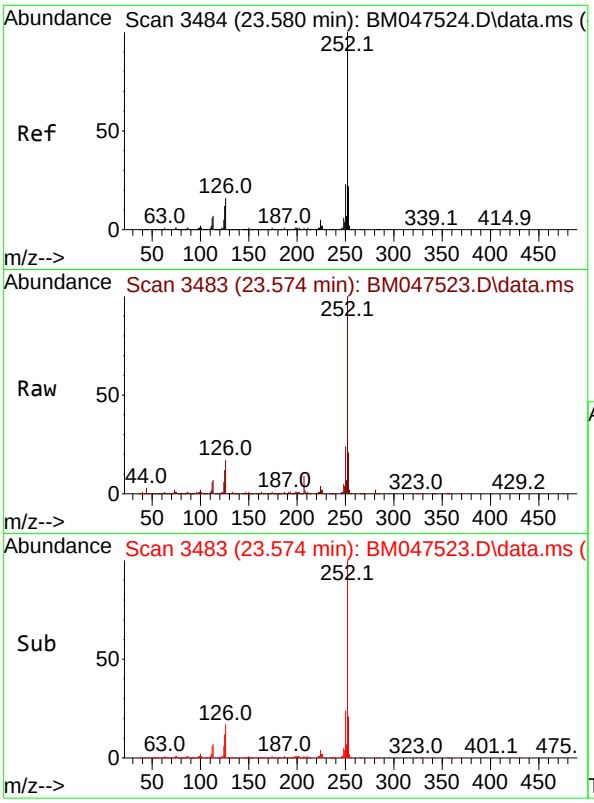


#88
Benzo(b)fluoranthene
Concen: 19.105 ng
RT: 23.509 min Scan# 3472
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:252 Resp: 1811874

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.3	9.5	14.3



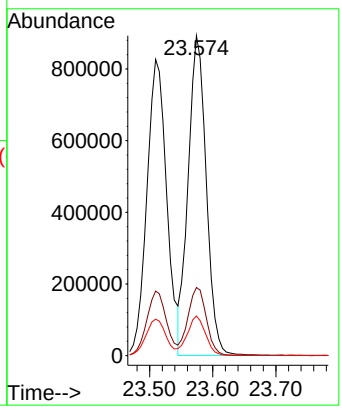


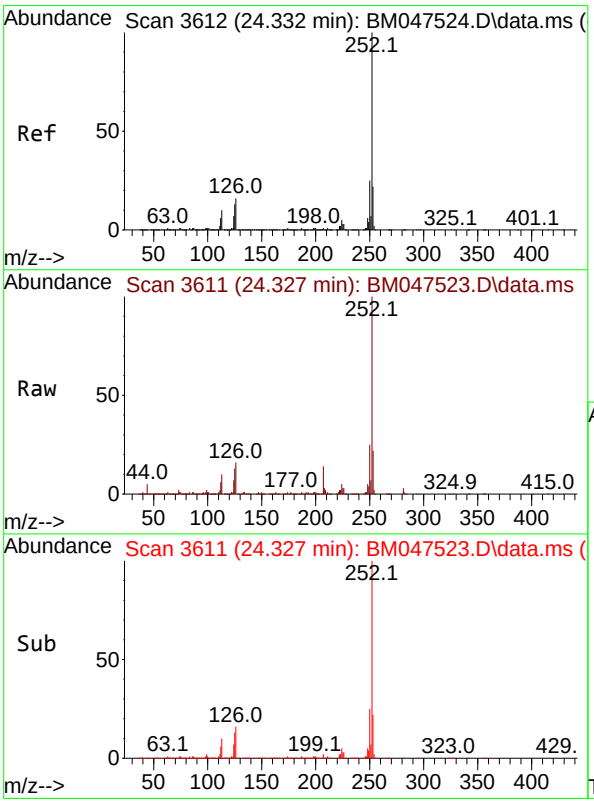
#89
Benzo(k)fluoranthene
Concen: 18.895 ng
RT: 23.574 min Scan# 34
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1775972

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	12.4	9.5	14.3

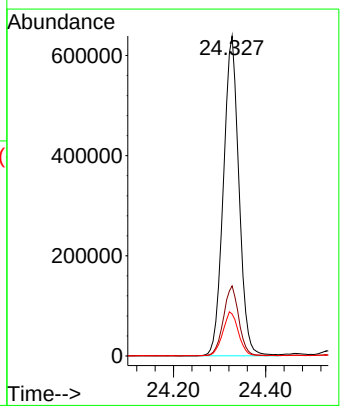


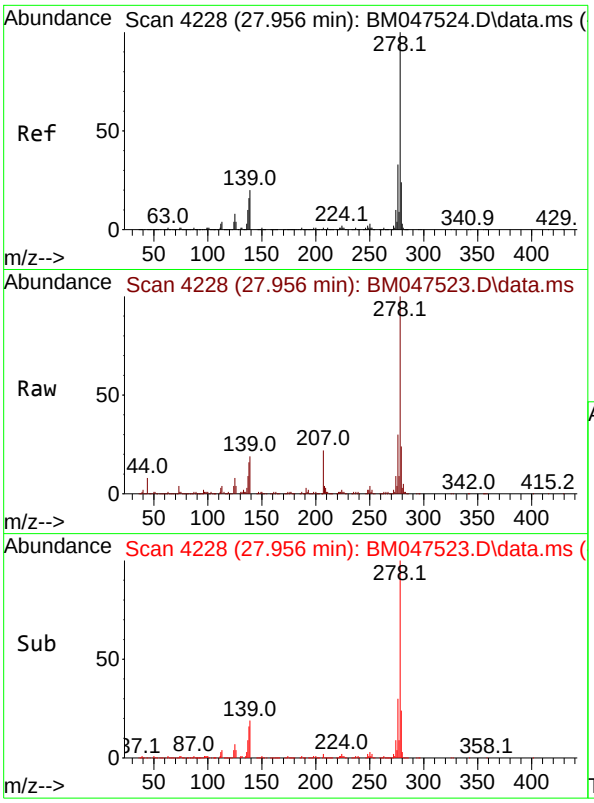


#90
Benzo(a)pyrene
Concen: 19.198 ng
RT: 24.327 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:252 Resp: 1492255

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	13.1	10.2	15.4



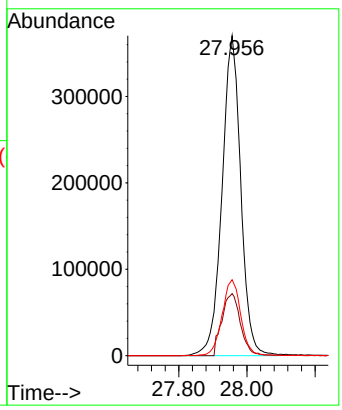


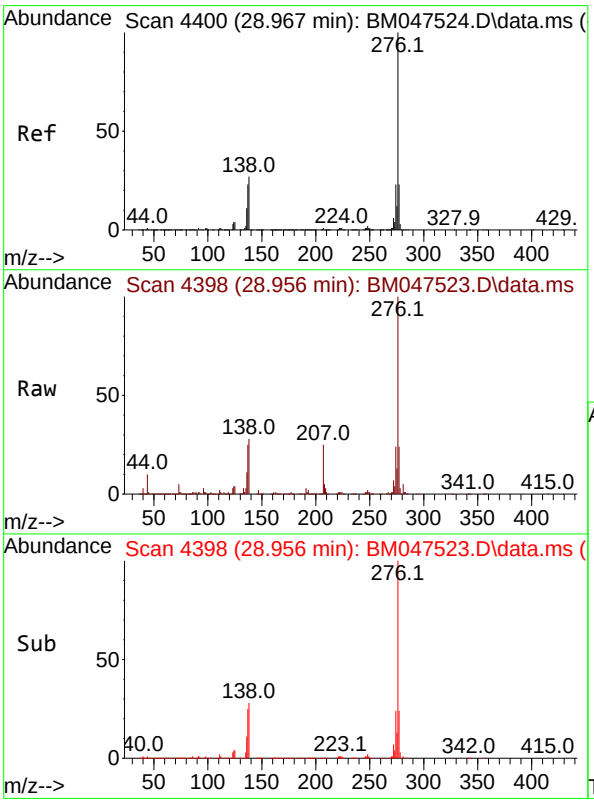
#91
Dibenzo(a,h)anthracene
Concen: 19.153 ng
RT: 27.956 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1413538

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	23.8	19.3	28.9

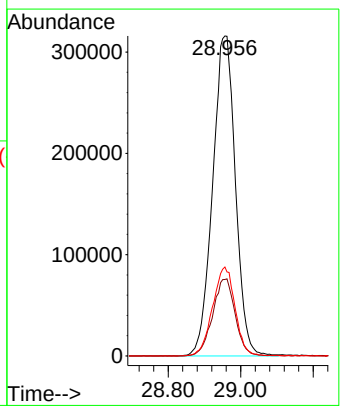




#92
Benzo(g,h,i)perylene
Concen: 19.119 ng
RT: 28.956 min Scan# 4398
Delta R.T. -0.011 min
Lab File: BM047523.D
Acq: 14 Sep 2024 13:55

Tgt Ion:276 Resp: 1378333

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	27.8	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047524.D
Acq On : 14 Sep 2024 14:35
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	365126	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1618219	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	947755	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1792326	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1627798	20.000	ng	0.00
86) Perylene-d12	24.468	264	1308860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1816554	79.215	ng	0.00
7) Phenol-d6	7.010	99	2621910	81.187	ng	0.00
23) Nitrobenzene-d5	9.004	82	2627381	81.256	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	767403	83.770	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	5743669	83.482	ng	0.00
79) Terphenyl-d14	19.833	244	8178683	90.034	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	379485	38.636	ng	100
3) Pyridine	3.716	79	1158883m	39.648	ng	
4) n-Nitrosodimethylamine	3.628	42	533341	40.206	ng	100
6) Aniline	7.175	93	1158194	40.452	ng	100
8) 2-Chlorophenol	7.416	128	1018620	40.294	ng	100
9) Benzaldehyde	6.987	77	610922	39.784	ng	100
10) Phenol	7.034	94	1300688	40.224	ng	100
11) bis(2-Chloroethyl)ether	7.275	93	1035289	39.880	ng	100
12) 1,3-Dichlorobenzene	7.739	146	1097467	39.662	ng	100
13) 1,4-Dichlorobenzene	7.886	146	1115218	39.570	ng	100
14) 1,2-Dichlorobenzene	8.204	146	1100793	39.688	ng	100
15) Benzyl Alcohol	8.086	79	899897	41.137	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1467240	40.178	ng	100
17) 2-Methylphenol	8.286	107	847590	41.031	ng	100
18) Hexachloroethane	8.939	117	448954	39.876	ng	100
19) n-Nitroso-di-n-propyla...	8.657	70	908407	41.720	ng	100
20) 3+4-Methylphenols	8.616	107	1177936	40.867	ng	100
22) Acetophenone	8.669	105	1704805	40.072	ng	100
24) Nitrobenzene	9.045	77	1336633	40.229	ng	100
25) Isophorone	9.575	82	2301793	40.492	ng	100
26) 2-Nitrophenol	9.757	139	475675	42.013	ng	100
27) 2,4-Dimethylphenol	9.816	122	678795	39.549	ng	100
28) bis(2-Chloroethoxy)met...	10.057	93	1425885	39.933	ng	100
29) 2,4-Dichlorophenol	10.292	162	890582	40.842	ng	100
30) 1,2,4-Trichlorobenzene	10.510	180	978634	39.180	ng	100
31) Naphthalene	10.698	128	3484796	39.874	ng	100
32) Benzoic acid	9.951	122	621554	38.270	ng	100
33) 4-Chloroaniline	10.798	127	1271819	40.249	ng	100
34) Hexachlorobutadiene	10.992	225	548156	39.622	ng	100
35) Caprolactam	11.574	113	301774	42.014	ng	100
36) 4-Chloro-3-methylphenol	11.922	107	1029746	41.207	ng	100
37) 2-Methylnaphthalene	12.310	142	2350065	40.402	ng	100
38) 1-Methylnaphthalene	12.527	142	2315698	40.060	ng	100
40) 1,2,4,5-Tetrachloroben...	12.674	216	1037544	40.457	ng	100
41) Hexachlorocyclopentadiene	12.663	237	346149	41.288	ng	100
43) 2,4,6-Trichlorophenol	12.910	196	663467	41.294	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047524.D
Acq On : 14 Sep 2024 14:35
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	749195	41.284	ng	100
46) 1,1'-Biphenyl	13.316	154	2977591	40.379	ng	100
47) 2-Chloronaphthalene	13.357	162	2309174	40.329	ng	100
48) 2-Nitroaniline	13.551	65	711905	42.331	ng	100
49) Acenaphthylene	14.204	152	3389381	41.020	ng	100
50) Dimethylphthalate	13.939	163	2601271	40.269	ng	100
51) 2,6-Dinitrotoluene	14.051	165	562396	41.241	ng	100
52) Acenaphthene	14.545	154	2363816	40.830	ng	100
53) 3-Nitroaniline	14.374	138	636300	41.980	ng	100
54) 2,4-Dinitrophenol	14.574	184	242408	40.526	ng	100
55) Dibenzofuran	14.880	168	3286806	40.401	ng	100
56) 4-Nitrophenol	14.674	139	533596	42.781	ng	100
57) 2,4-Dinitrotoluene	14.833	165	772430	42.471	ng	100
58) Fluorene	15.527	166	3089638	42.182	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	580263	41.011	ng	100
60) Diethylphthalate	15.304	149	2809721	40.869	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	1409661	42.091	ng	100
62) 4-Nitroaniline	15.533	138	795712	44.661	ng	100
63) Azobenzene	15.815	77	3134877	41.412	ng	100
65) 4,6-Dinitro-2-methylph...	15.592	198	327400	37.677	ng	100
66) n-Nitrosodiphenylamine	15.733	169	2266693	41.340	ng	100
67) 4-Bromophenyl-phenylether	16.409	248	705864	40.531	ng	100
68) Hexachlorobenzene	16.527	284	796111	40.352	ng	100
69) Atrazine	16.680	200	638553	42.135	ng	100
70) Pentachlorophenol	16.862	266	486319	42.523	ng	100
71) Phenanthrene	17.256	178	4065837	41.163	ng	100
72) Anthracene	17.351	178	3956786	41.695	ng	100
73) Carbazole	17.609	167	3906452	41.537	ng	100
74) Di-n-butylphthalate	18.186	149	4803649	42.689	ng	100
75) Fluoranthene	19.268	202	4593392	42.622	ng	100
77) Benzidine	19.445	184	825167	35.993	ng	100
78) Pyrene	19.627	202	4862723	40.954	ng	100
80) Butylbenzylphthalate	20.527	149	1915535	41.908	ng	100
81) Benzo(a)anthracene	21.421	228	4338226	40.888	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1177624	41.724	ng	100
83) Chrysene	21.486	228	4082724	40.682	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	3022758	42.216	ng	100
85) Di-n-octyl phthalate	22.509	149	4236094	41.825	ng	100
87) Indeno(1,2,3-cd)pyrene	27.897	276	3099824	39.575	ng	100
88) Benzo(b)fluoranthene	23.515	252	3507877	41.423	ng	100
89) Benzo(k)fluoranthene	23.580	252	3570213	42.538	ng	100
90) Benzo(a)pyrene	24.332	252	2875521	41.429	ng	100
91) Dibenzo(a,h)anthracene	27.956	278	2601274	39.472	ng	100
92) Benzo(g,h,i)perylene	28.967	276	2535092	39.380	ng	100

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

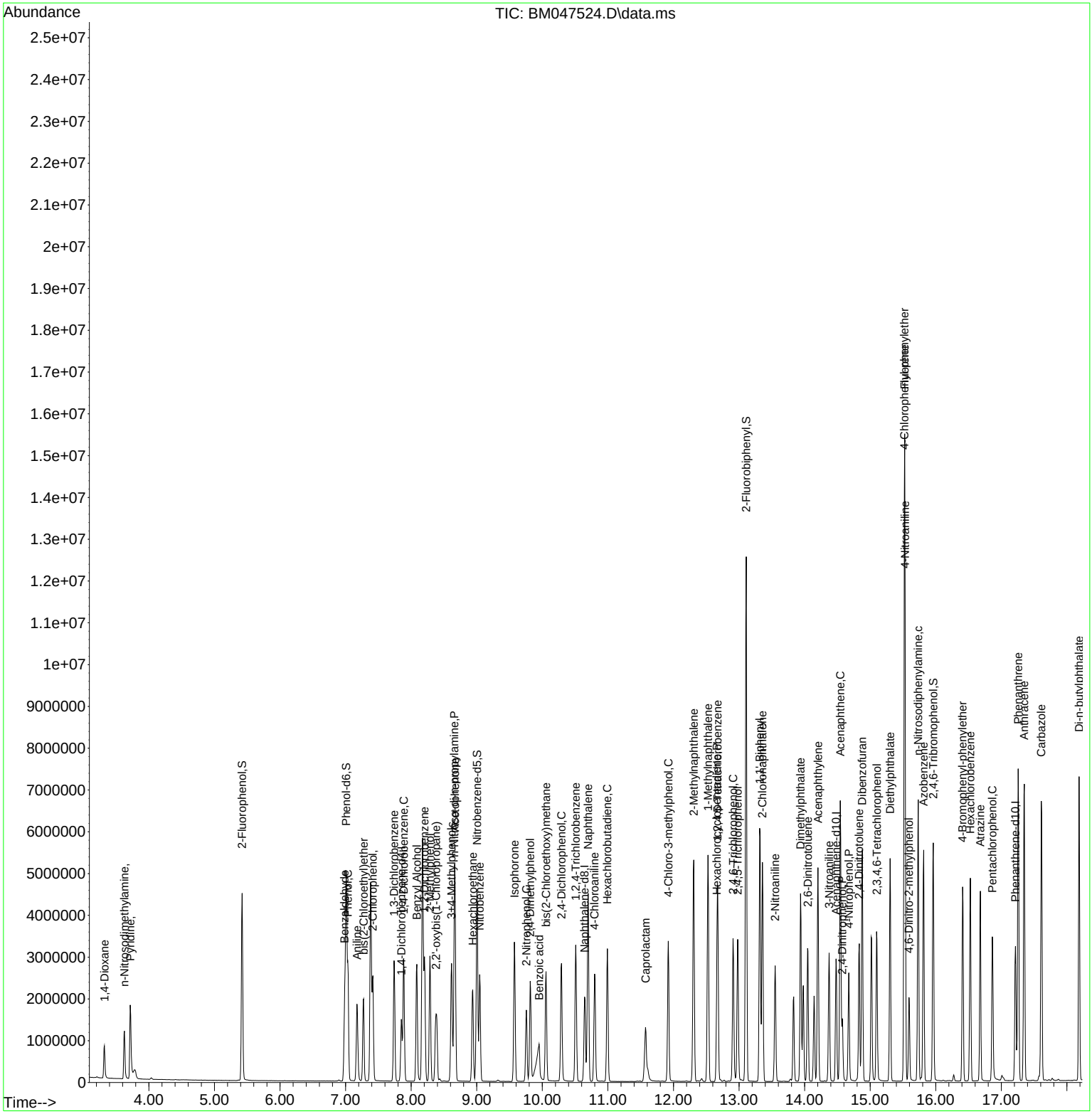
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047524.D
Acq On : 14 Sep 2024 14:35
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 08:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



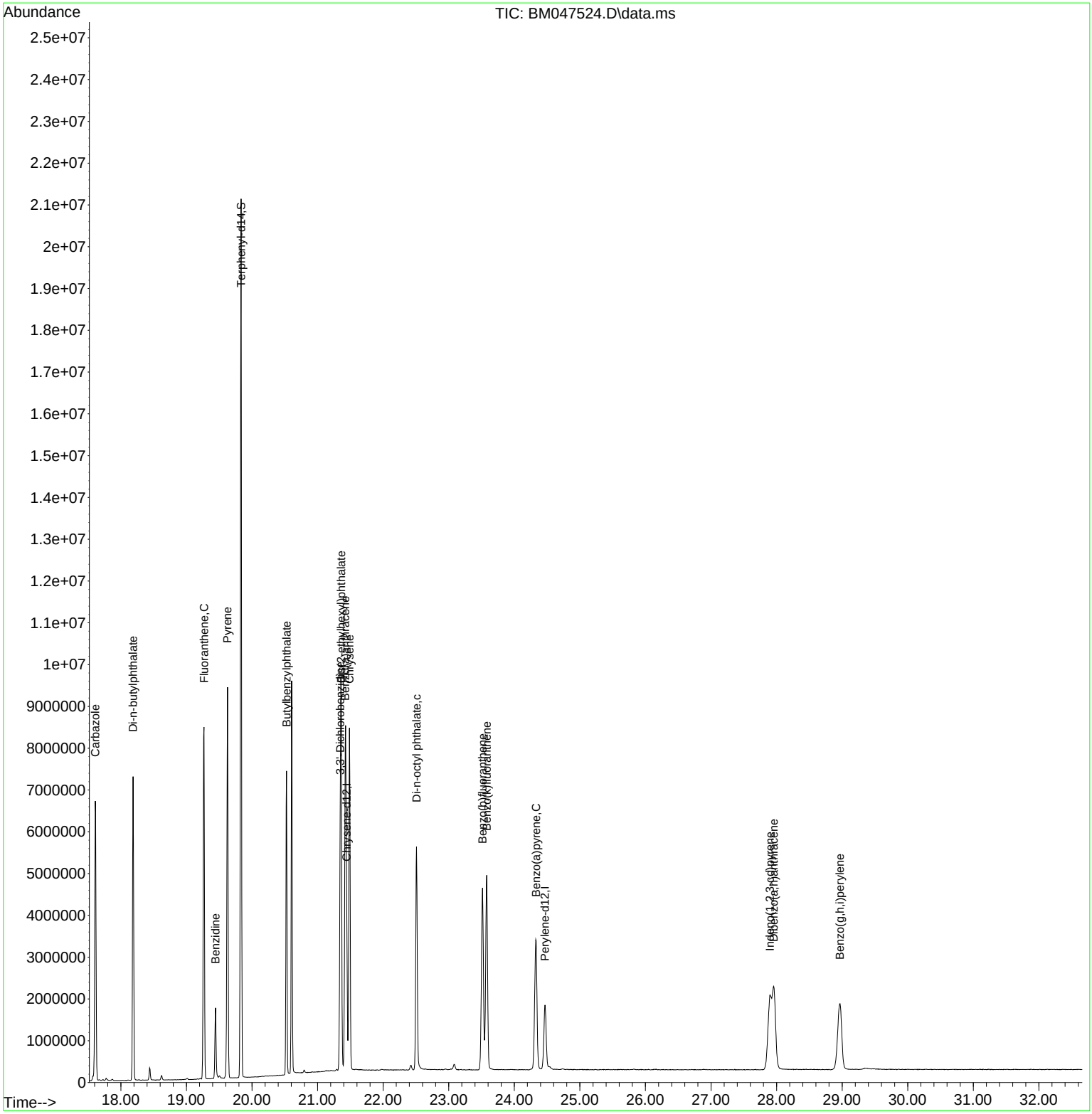
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047524.D
Acq On : 14 Sep 2024 14:35
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

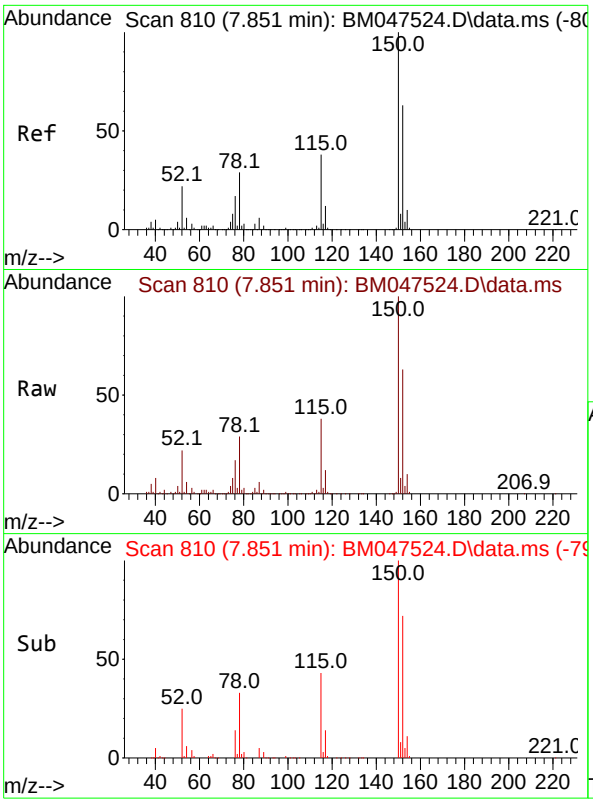
Quant Time: Sep 15 08:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

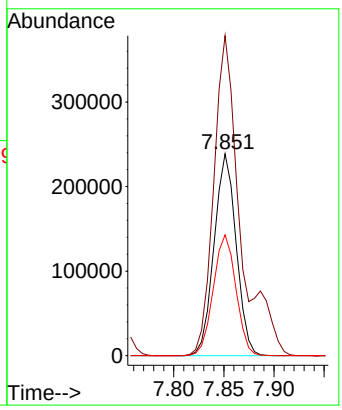




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:152 Resp: 36512

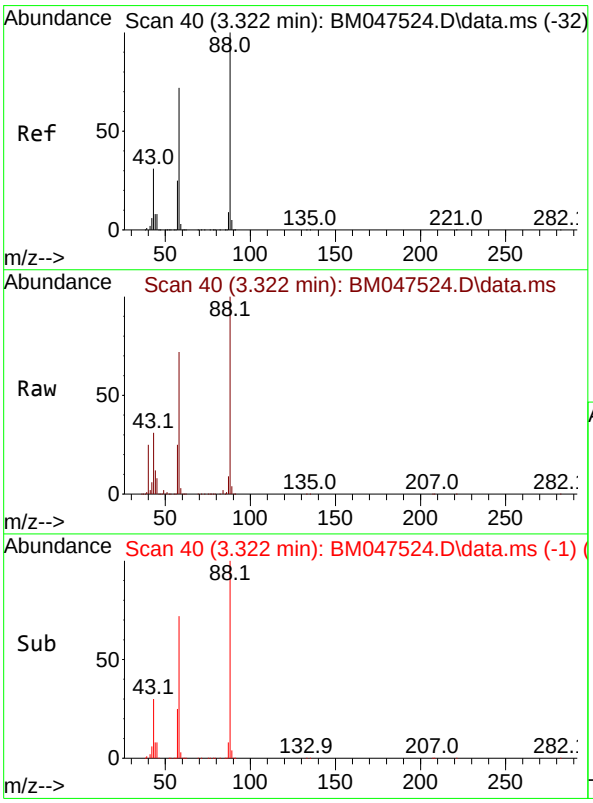
Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.8	190.2
115	59.8	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

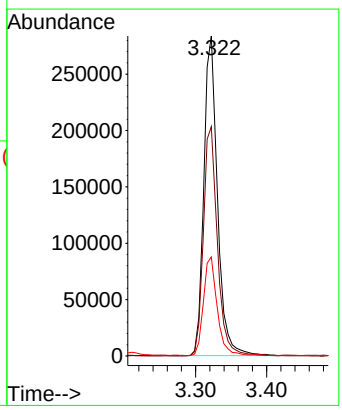
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

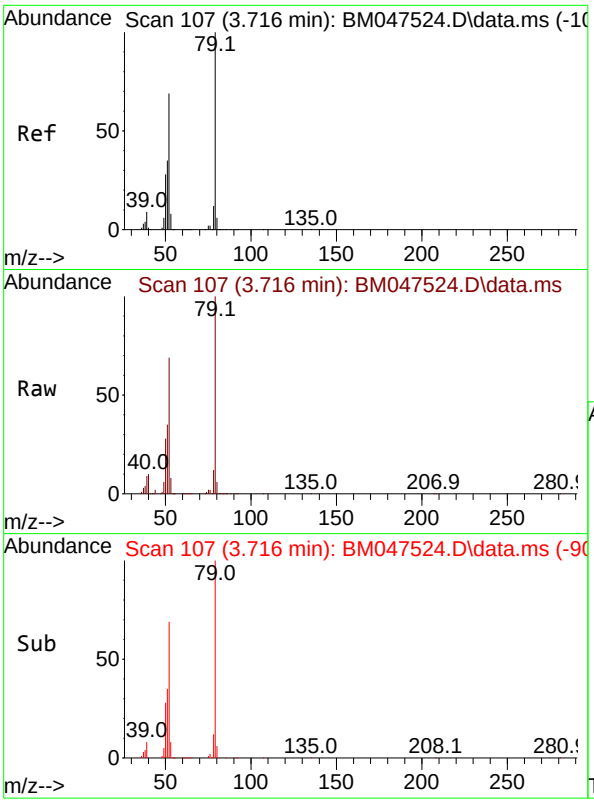


#2
1,4-Dioxane
Concen: 38.636 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 88 Resp: 379485

Ion	Ratio	Lower	Upper
88	100		
58	73.8	59.0	88.6
43	31.2	25.0	37.4

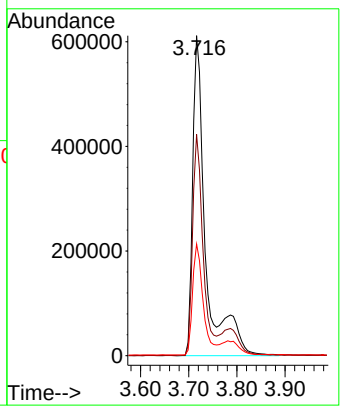




#3
Pyridine
Concen: 39.648 ng m
RT: 3.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 79 Resp: 115888

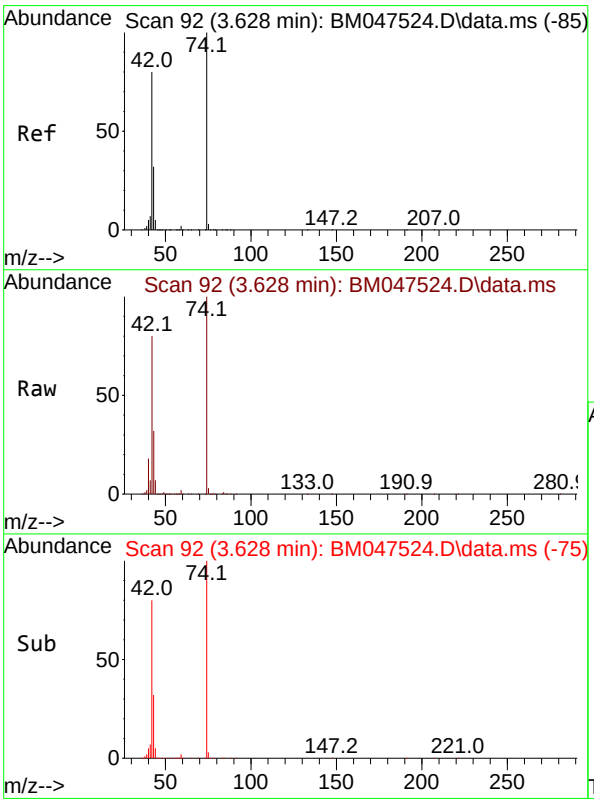
Ion	Ratio	Lower	Upper
79	100		
52	69.2	55.4	83.0
51	34.9	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

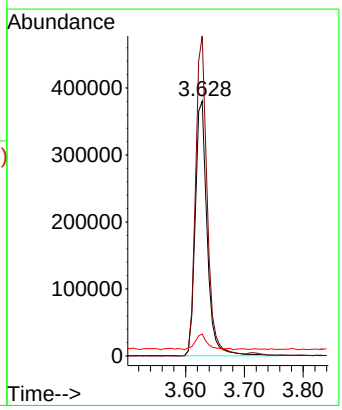
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

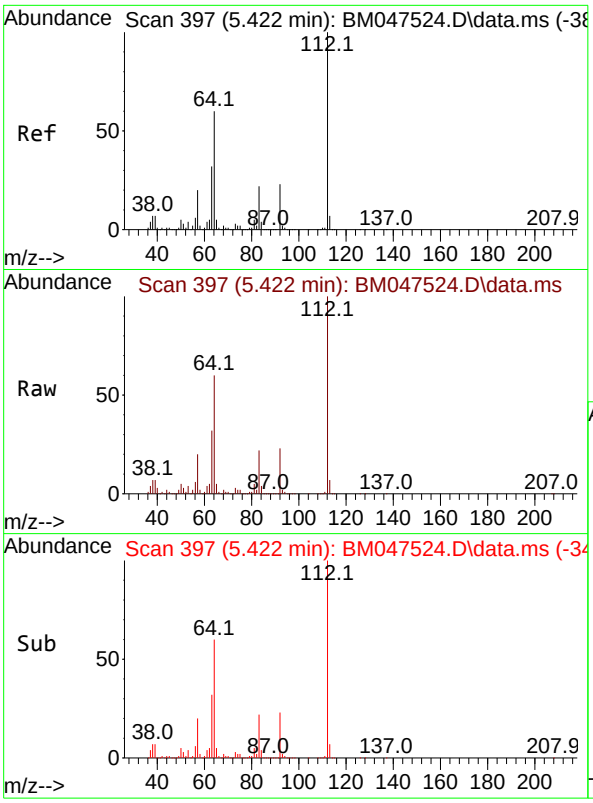


#4
n-Nitrosodimethylamine
Concen: 40.206 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 42 Resp: 533341

Ion	Ratio	Lower	Upper
42	100		
74	125.6	100.5	150.7
44	8.6	6.9	10.3

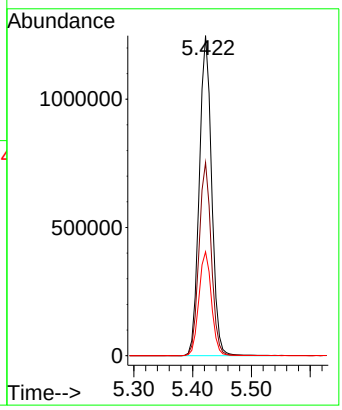




#5
2-Fluorophenol
Concen: 79.215 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:112 Resp: 181655

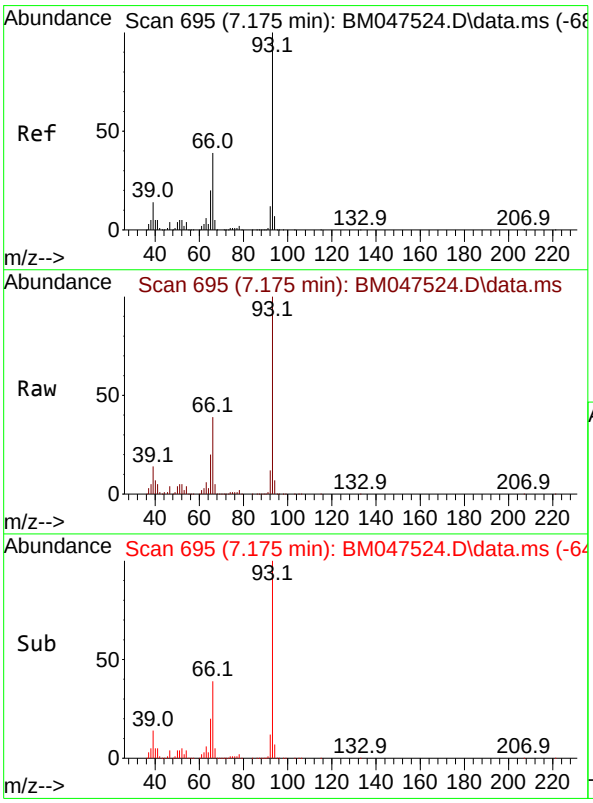
Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.2	72.4
63	32.5	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

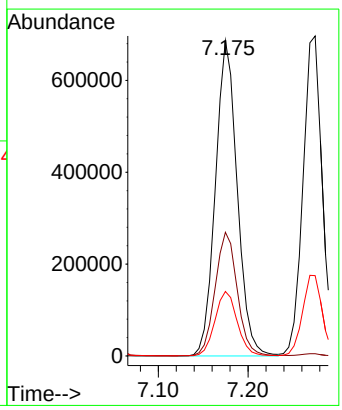
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

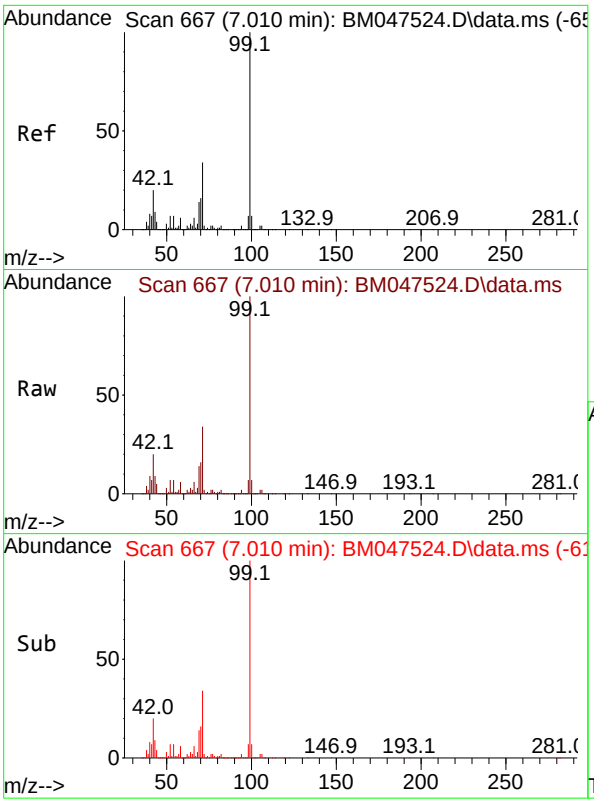


#6
Aniline
Concen: 40.452 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 93 Resp: 1158194

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.4	47.0
65	20.4	16.3	24.5

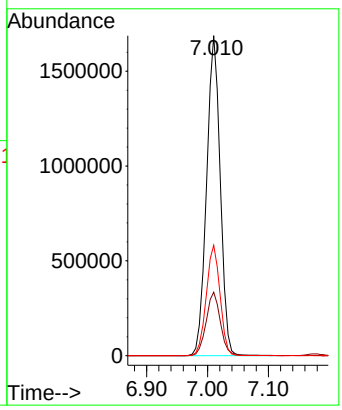




#7
Phenol-d6
Concen: 81.187 ng
RT: 7.010 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 99 Resp: 262191(

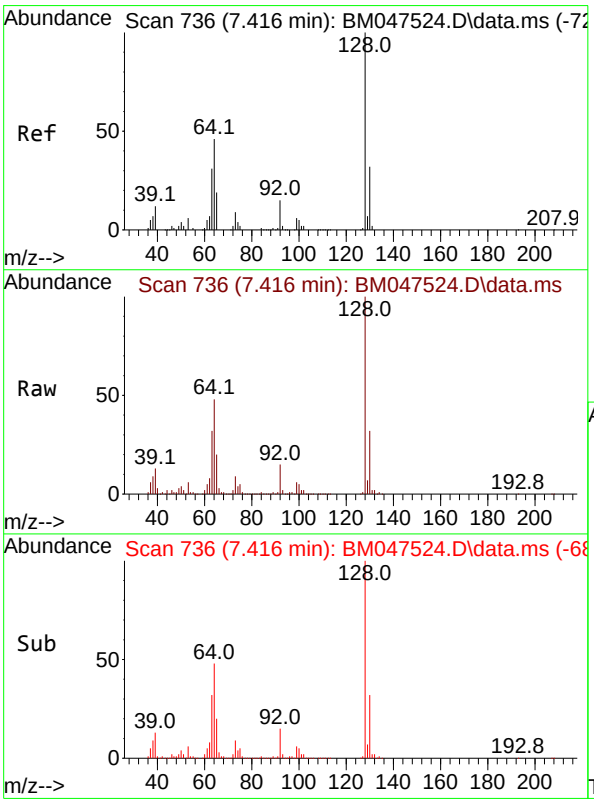
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.8
71	34.5	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

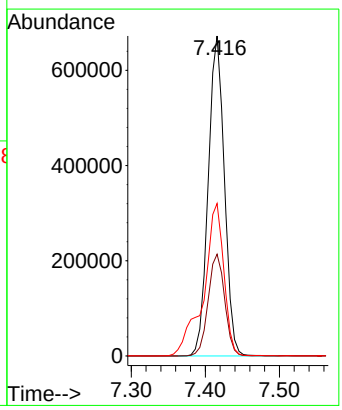
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

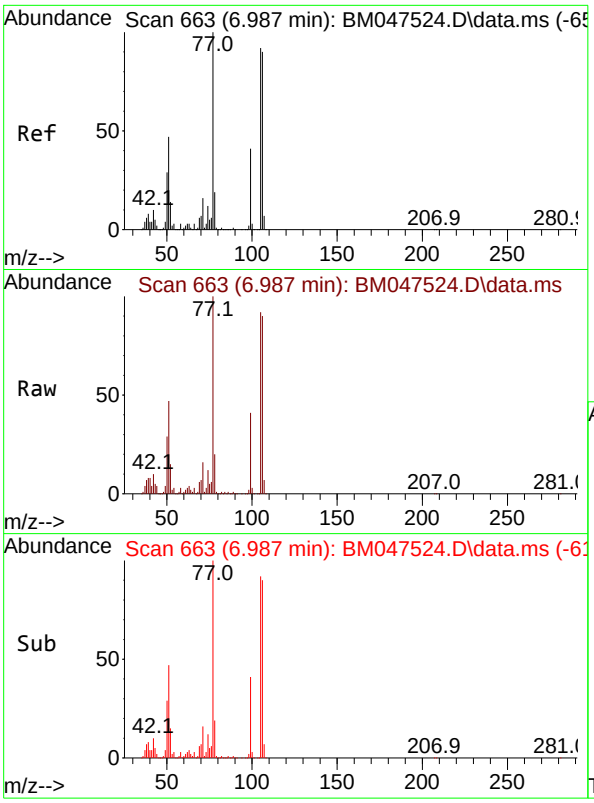


#8
2-Chlorophenol
Concen: 40.294 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:128 Resp: 1018620

Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.8	51.8
64	47.6	27.6	67.6

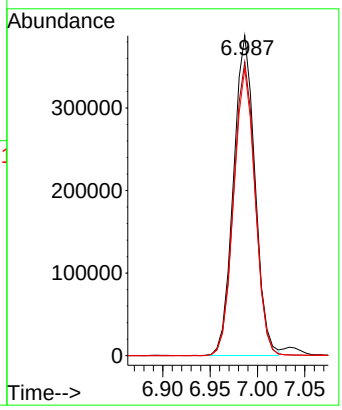




#9
Benzaldehyde
Concen: 39.784 ng
RT: 6.987 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 77 Resp: 61092

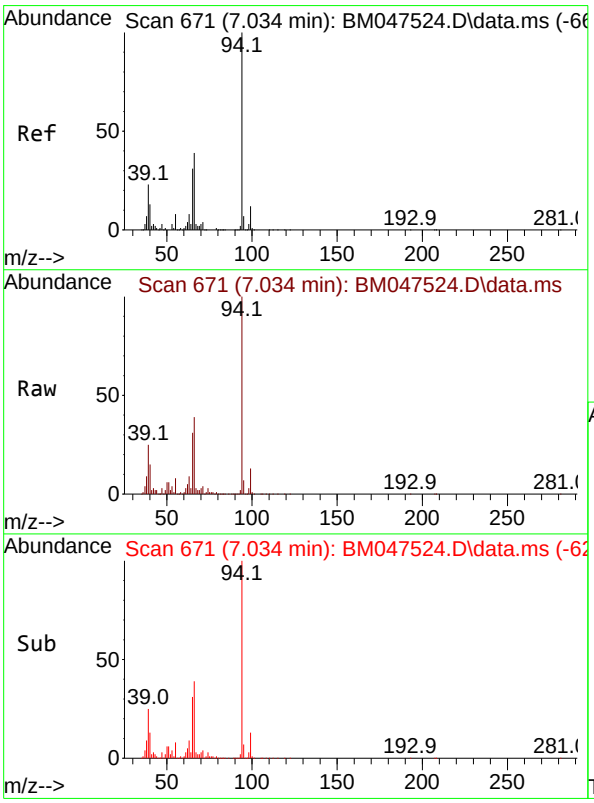
Ion	Ratio	Lower	Upper
77	100		
105	91.8	71.8	111.8
106	89.7	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

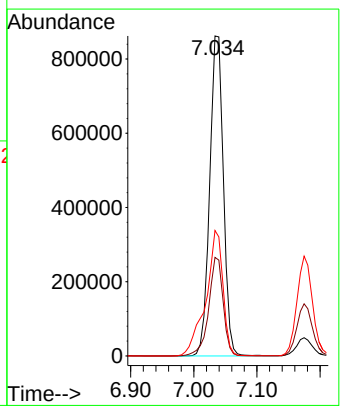
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

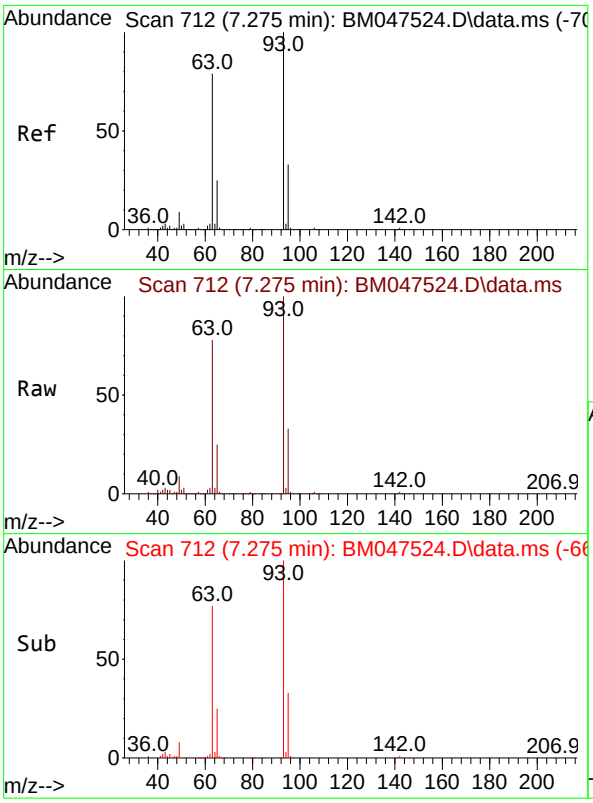


#10
Phenol
Concen: 40.224 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 94 Resp: 1300688

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.8	50.8
66	39.2	19.2	59.2

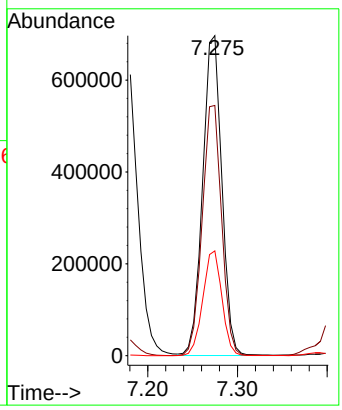




#11
bis(2-Chloroethyl)ether
Concen: 39.880 ng
RT: 7.275 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 93 Resp: 103528

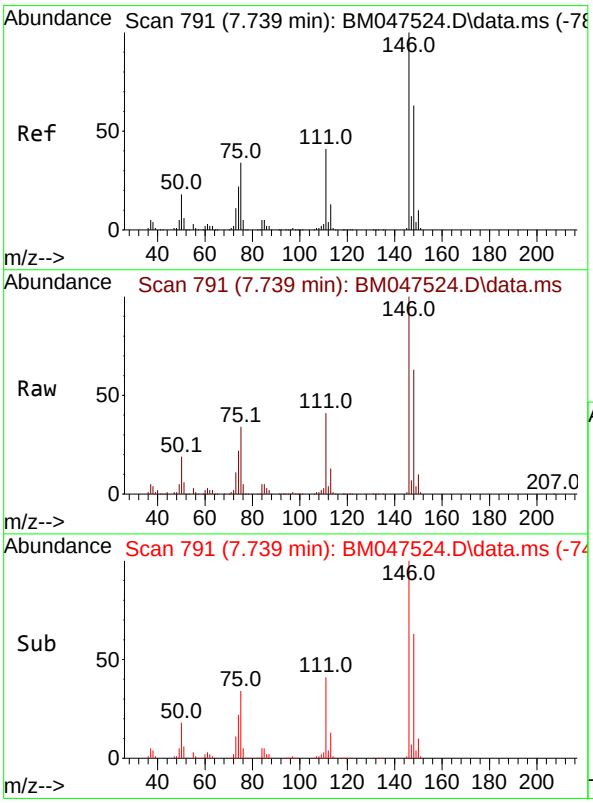
Ion	Ratio	Lower	Upper
93	100		
63	78.2	58.2	98.2
95	32.8	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

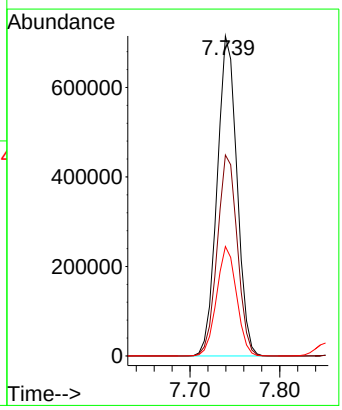
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

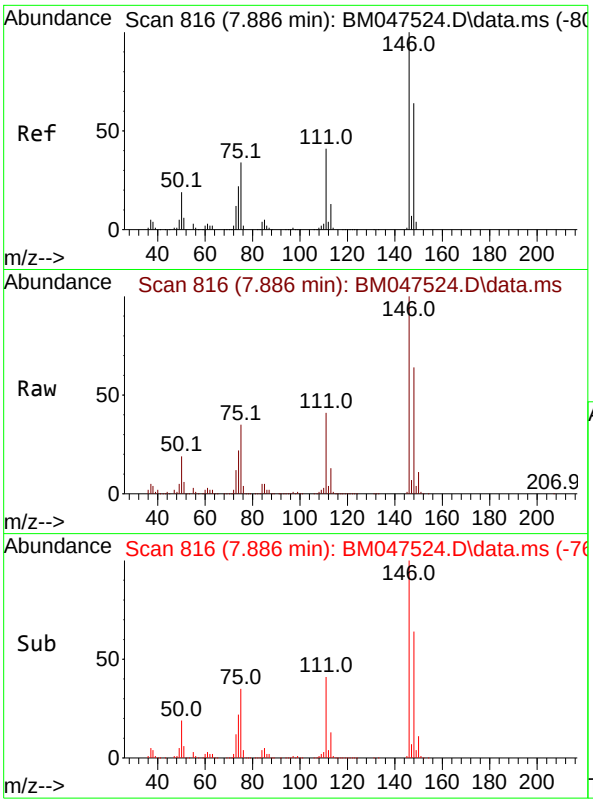


#12
1,3-Dichlorobenzene
Concen: 39.662 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:146 Resp: 1097467

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	34.2	27.4	41.0

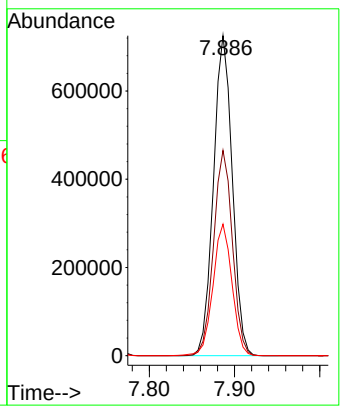




#13
1,4-Dichlorobenzene
Concen: 39.570 ng
RT: 7.886 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:146 Resp: 111521

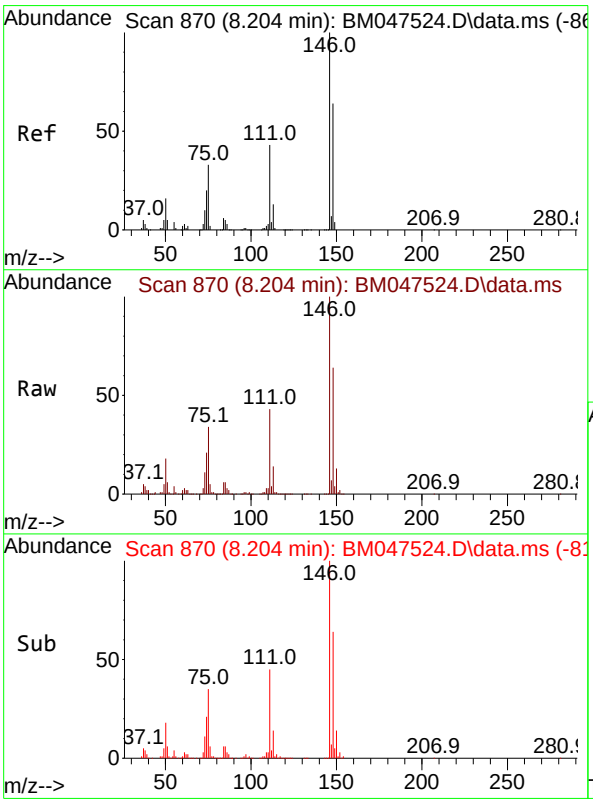
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	41.1	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

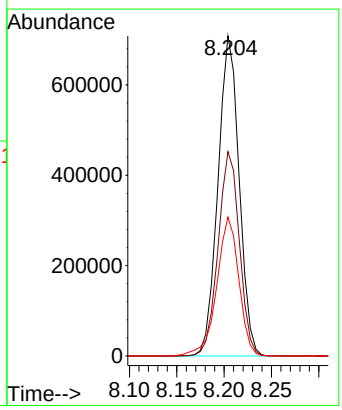
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

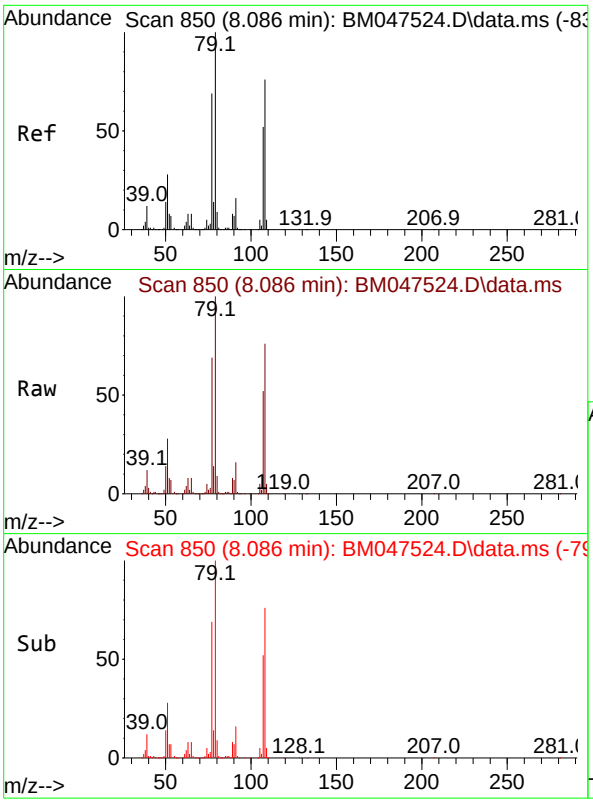


#14
1,2-Dichlorobenzene
Concen: 39.688 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:146 Resp: 1100793

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.4	34.7	52.1

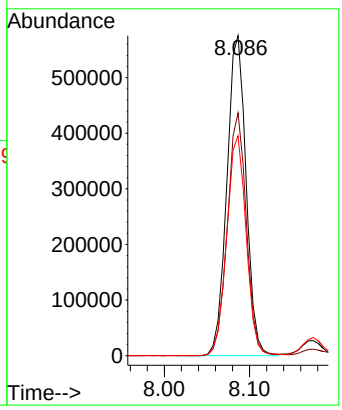




#15
Benzyl Alcohol
Concen: 41.137 ng
RT: 8.086 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 79 Resp: 89989

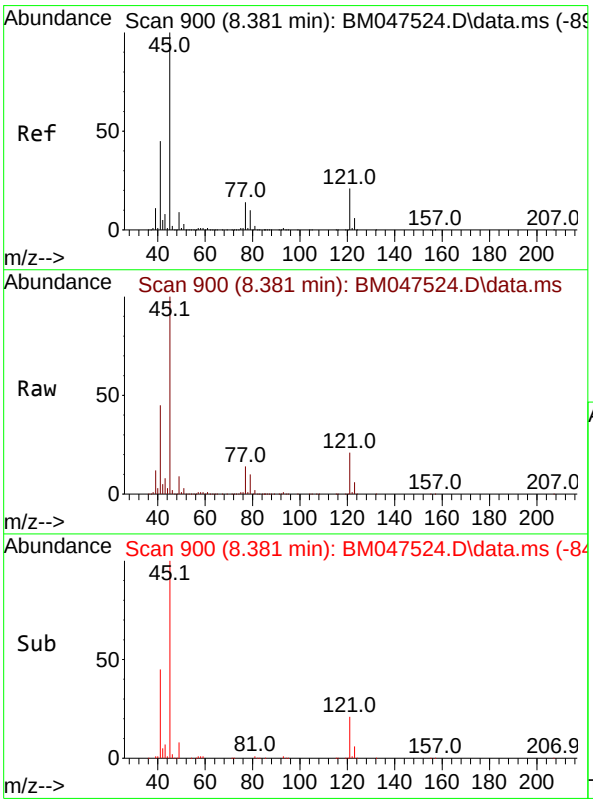
Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.6	91.0
77	68.7	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

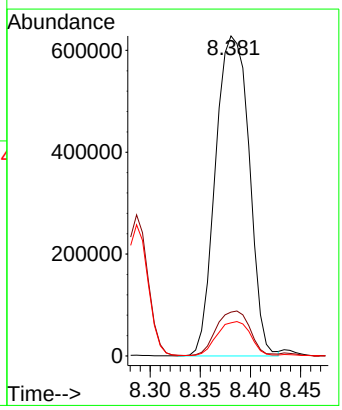
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

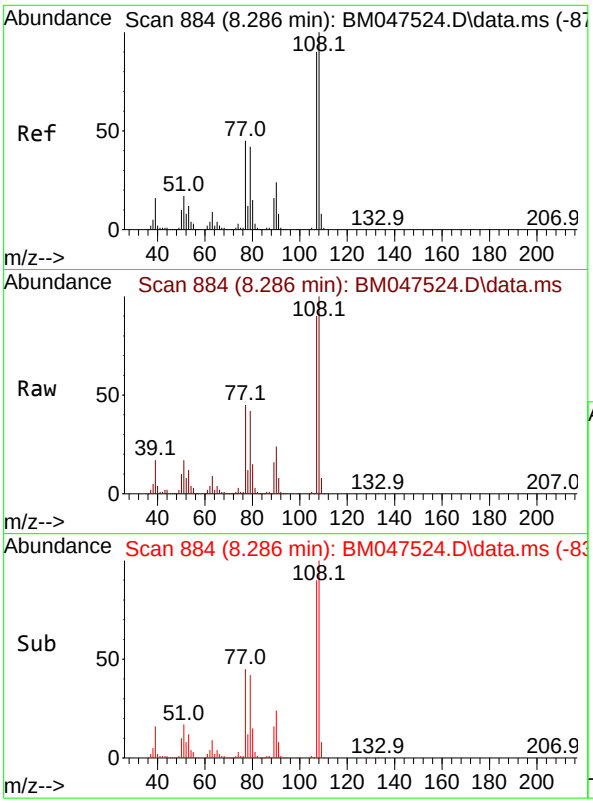


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.178 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 45 Resp: 1467240

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.7
79	10.3	0.0	30.3

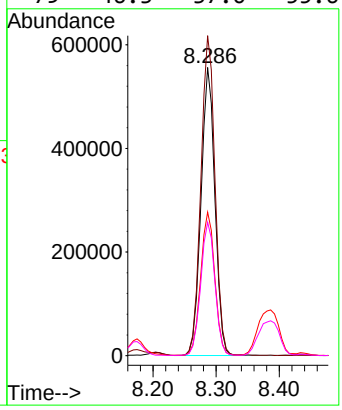




#17
2-Methylphenol
Concen: 41.031 ng
RT: 8.286 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

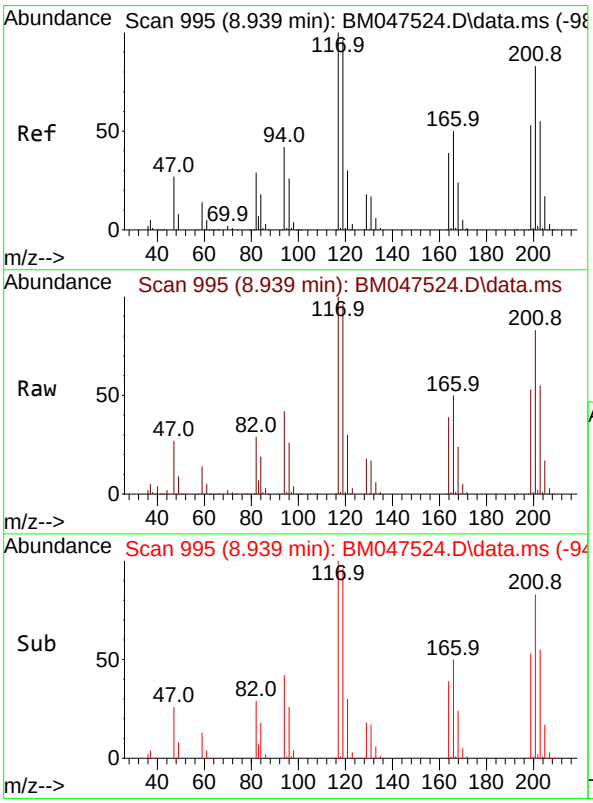
Tgt Ion:107 Resp: 84759

Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	49.8	39.8	59.8
79	46.3	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

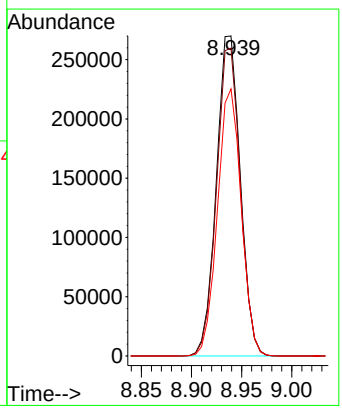
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

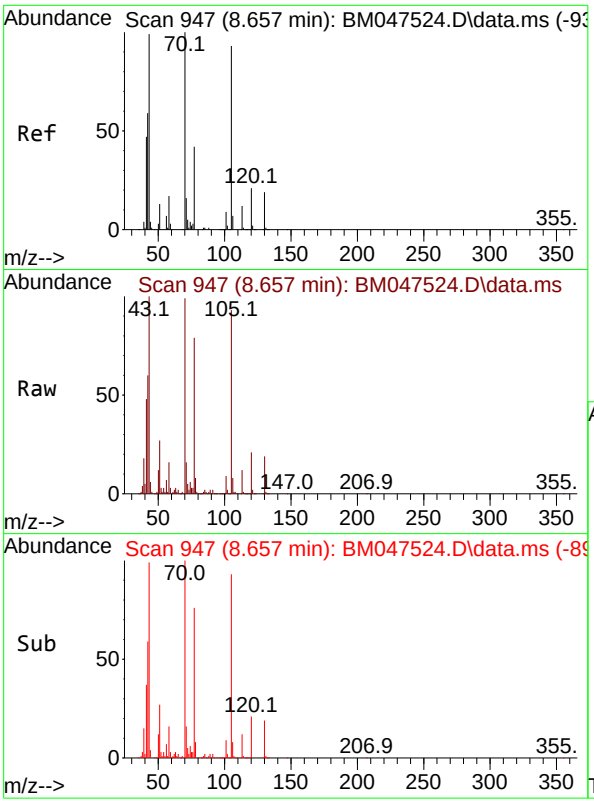


#18
Hexachloroethane
Concen: 39.876 ng
RT: 8.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:117 Resp: 448954

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	83.5	66.8	100.2

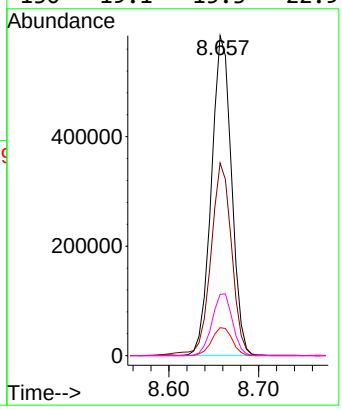




#19
n-Nitroso-di-n-propylamine
Concen: 41.720 ng
RT: 8.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 70 Resp: 90840

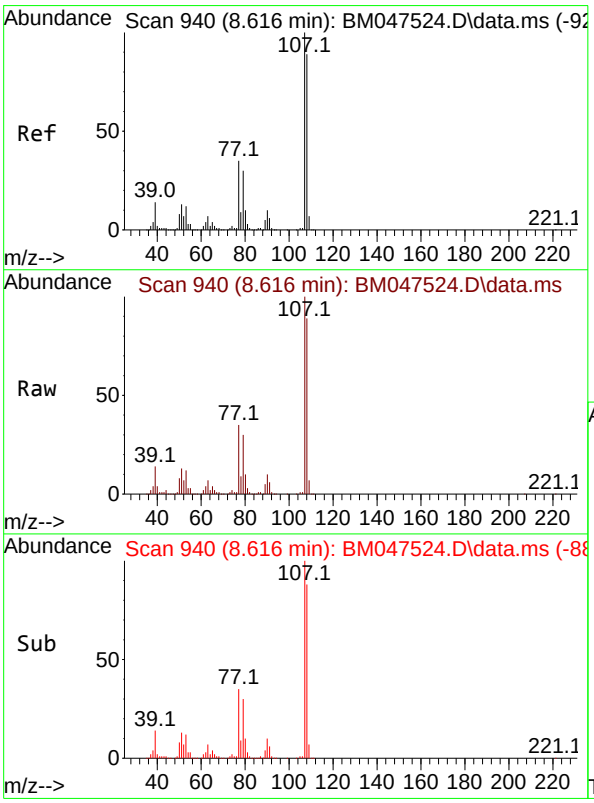
Ion	Ratio	Lower	Upper
70	100		
42	60.2	48.2	72.2
101	8.7	7.0	10.4
130	19.1	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

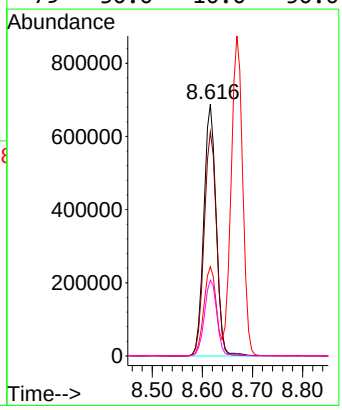
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

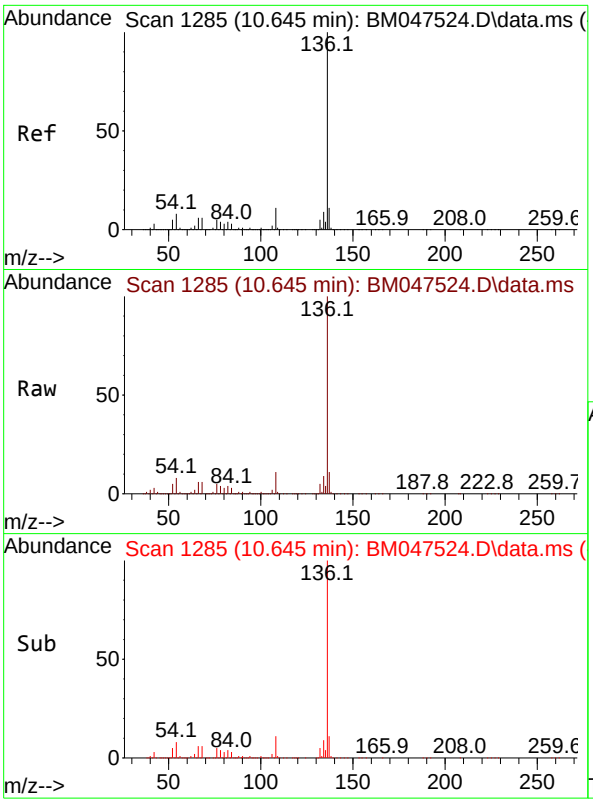


#20
3+4-Methylphenols
Concen: 40.867 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:107 Resp: 1177936

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	35.5	15.5	55.5
79	30.0	10.0	50.0

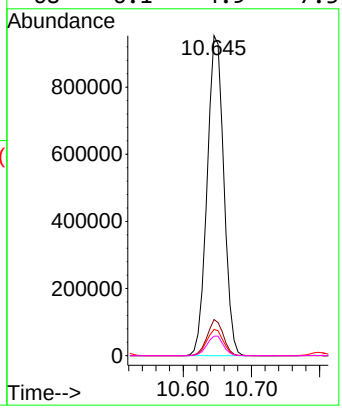




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:136 Resp: 161821

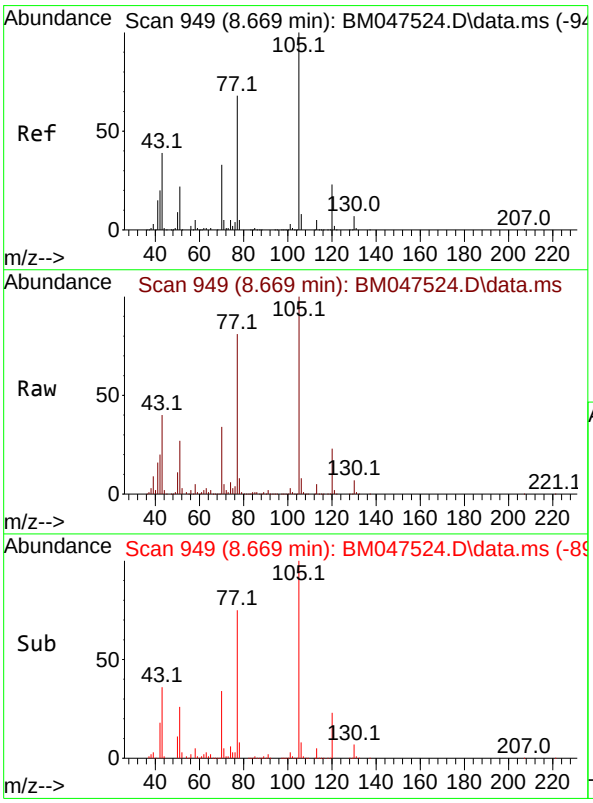
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.2	6.6	9.8
68	6.1	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

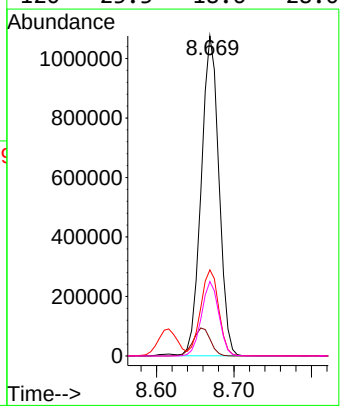
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

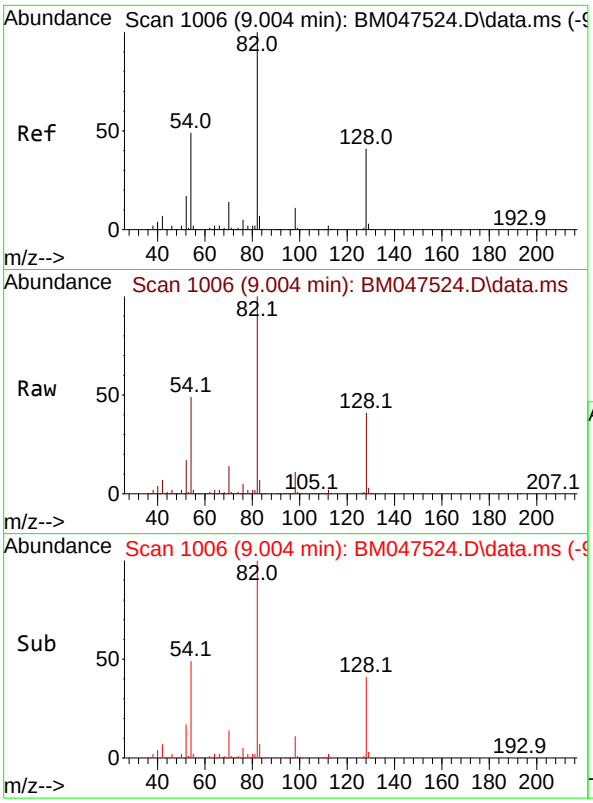


#22
Acetophenone
Concen: 40.072 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:105 Resp: 1704805

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.3	6.5
51	26.9	21.5	32.3
120	23.3	18.6	28.0





#23
Nitrobenzene-d5
Concen: 81.256 ng
RT: 9.004 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

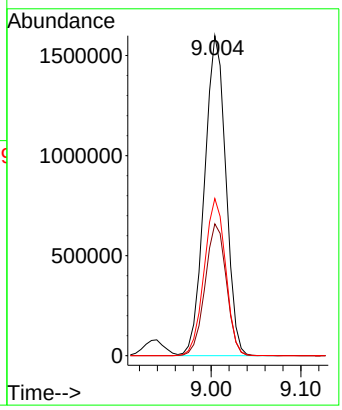
Tgt Ion: 82 Resp: 262738

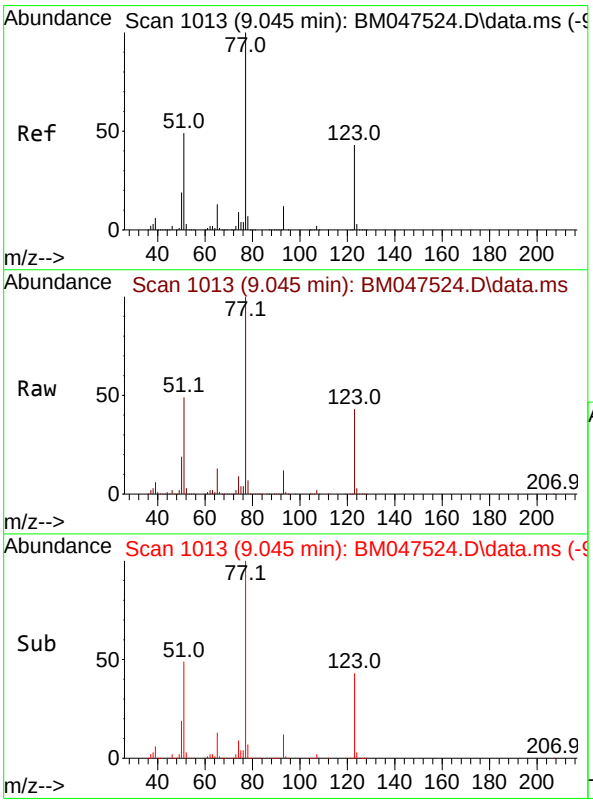
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	49.1	39.3	58.9

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

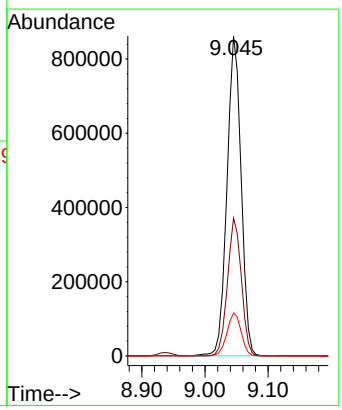


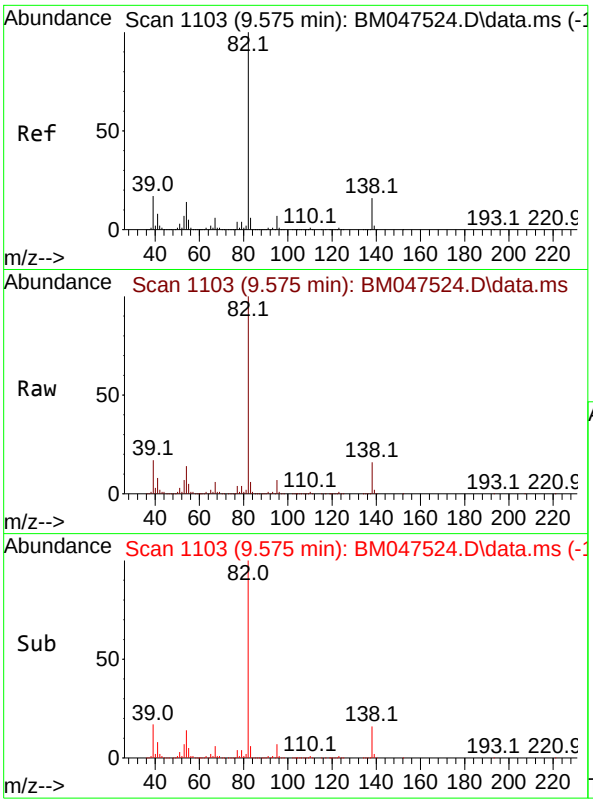


#24
Nitrobenzene
Concen: 40.229 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 77 Resp: 1336633

Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.5	51.7
65	13.4	10.7	16.1

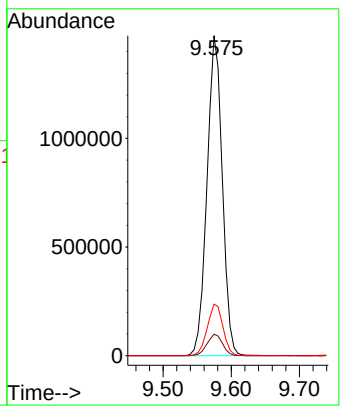




#25
Isophorone
Concen: 40.492 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 82 Resp: 230179

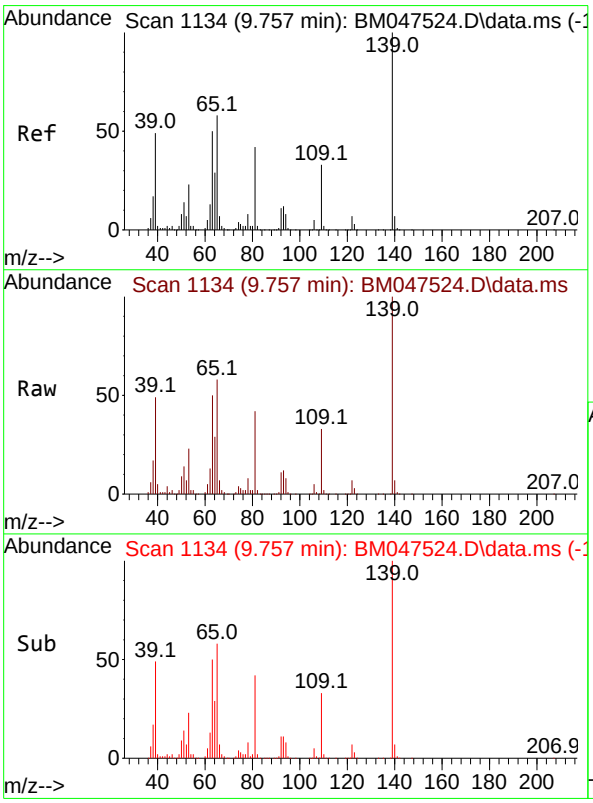
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.1	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

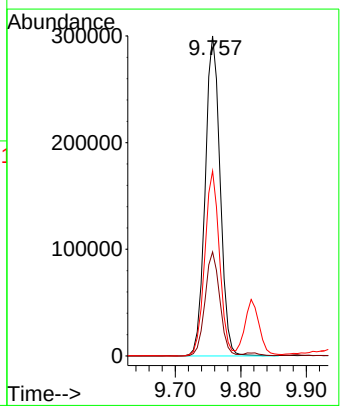
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

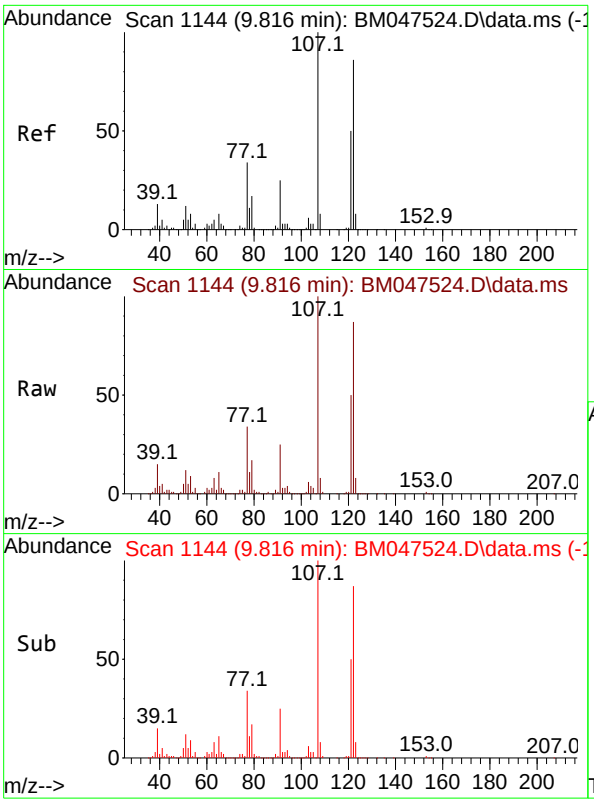


#26
2-Nitrophenol
Concen: 42.013 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:139 Resp: 475675

Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.0	39.0
65	57.8	46.2	69.4

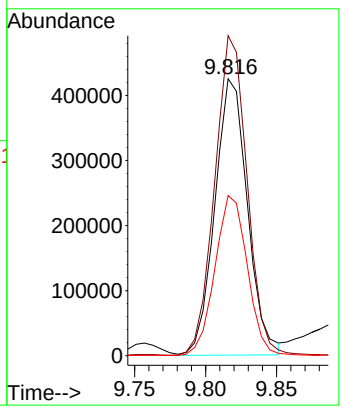




#27
2,4-Dimethylphenol
Concen: 39.549 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:122 Resp: 67879

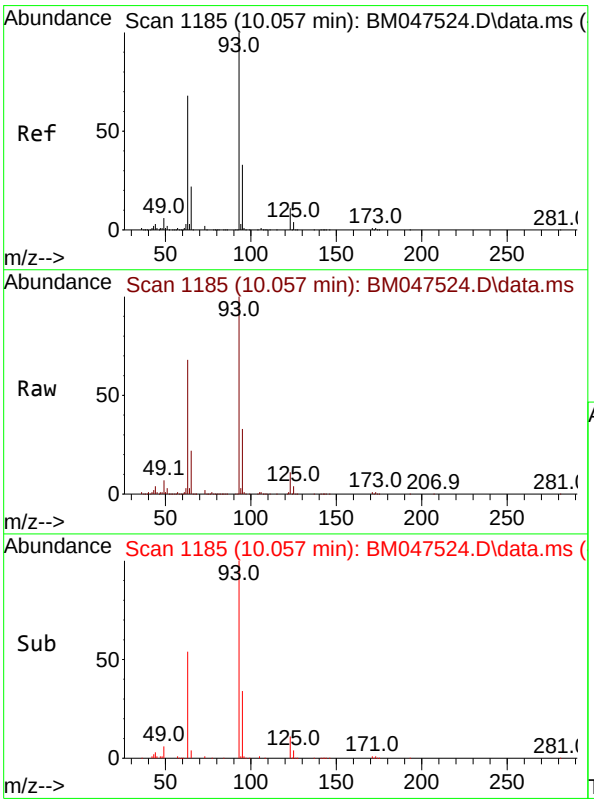
Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.4	138.6
121	57.8	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

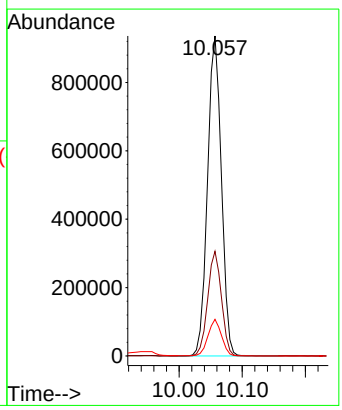
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

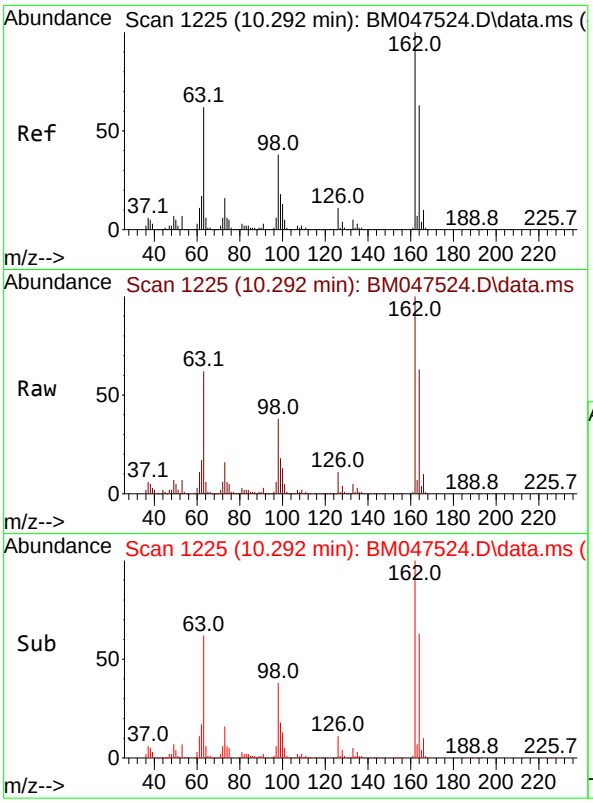


#28
bis(2-Chloroethoxy)methane
Concen: 39.933 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 93 Resp: 1425885

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.5	9.2	13.8

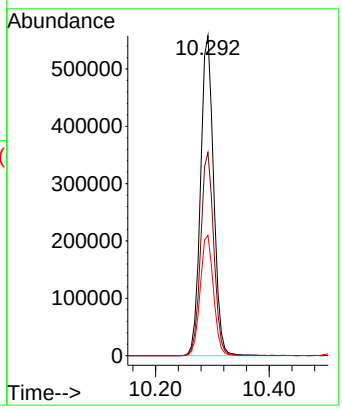




#29
2,4-Dichlorophenol
Concen: 40.842 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:162 Resp: 89058

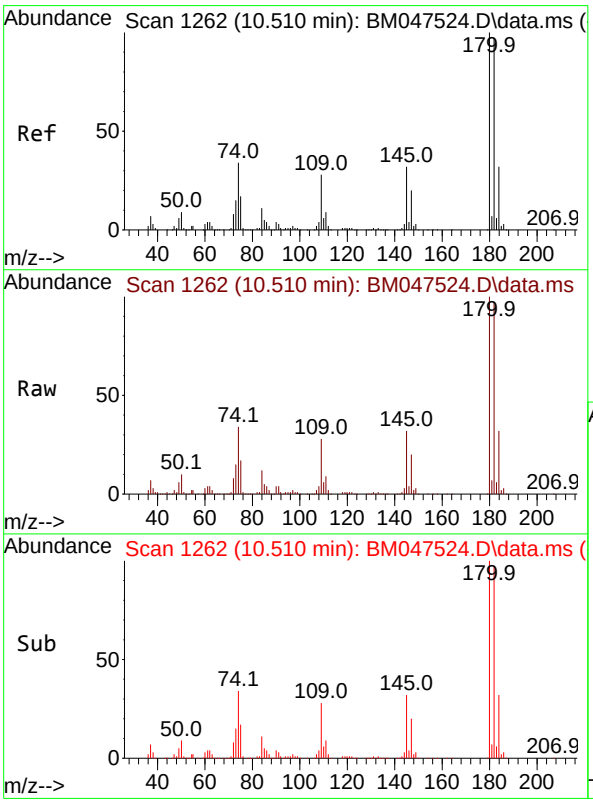
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.5	83.5
98	37.6	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

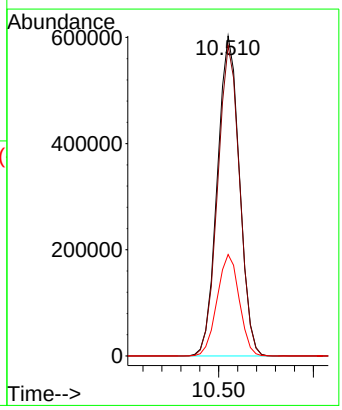
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

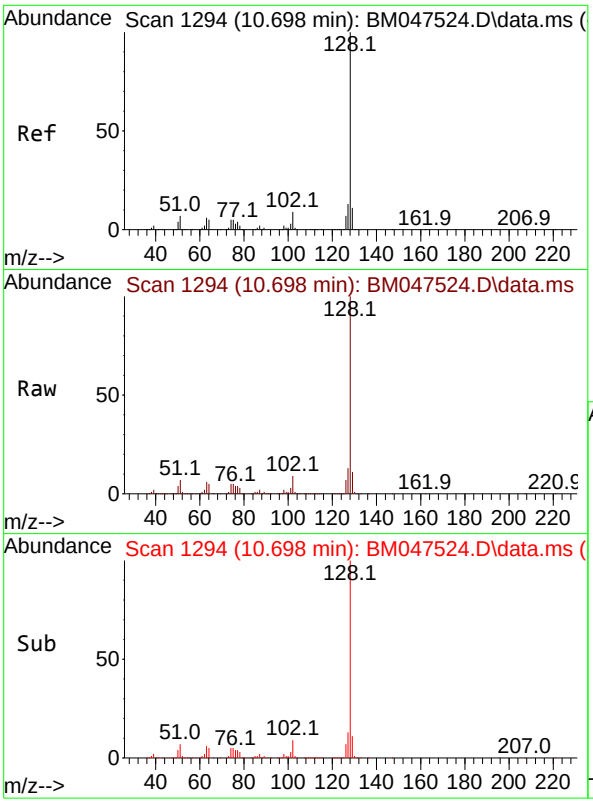


#30
1,2,4-Trichlorobenzene
Concen: 39.180 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:180 Resp: 978634

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.6	116.4
145	31.7	25.4	38.0

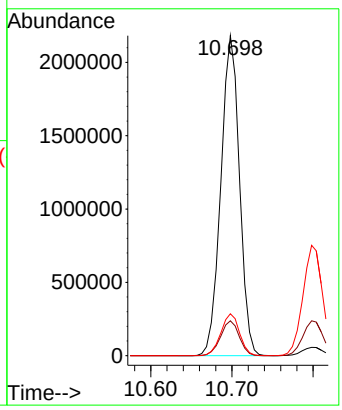




#31
Naphthalene
Concen: 39.874 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:128 Resp: 348479

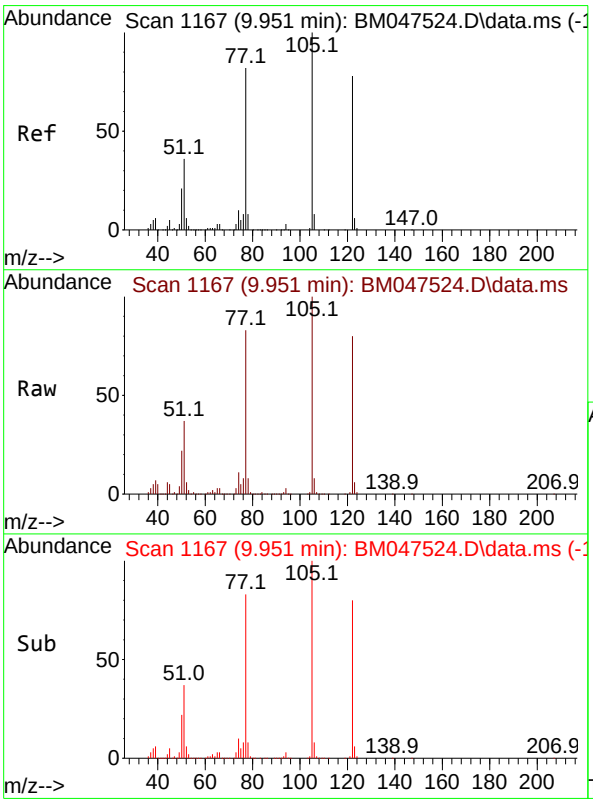
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

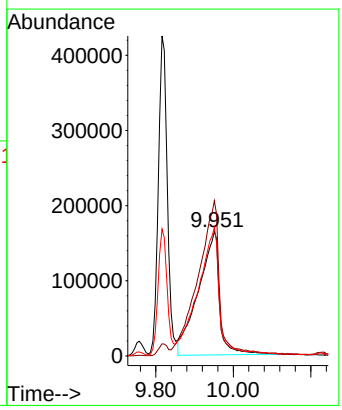
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

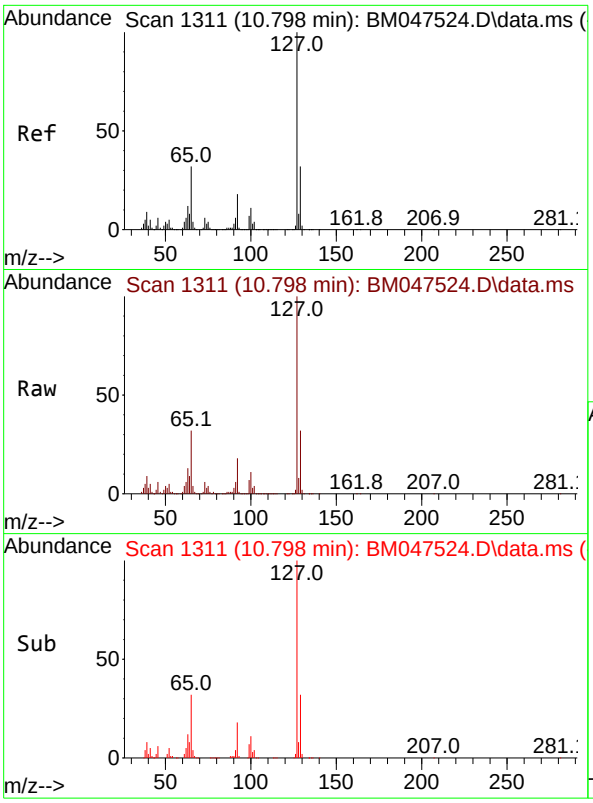


#32
Benzoic acid
Concen: 38.270 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:122 Resp: 621554

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.7	144.7
77	103.4	83.4	123.4

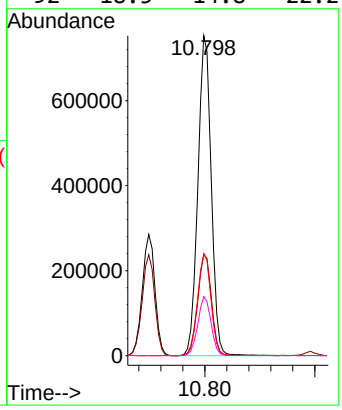




#33
4-Chloroaniline
Concen: 40.249 ng
RT: 10.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:127 Resp: 127181

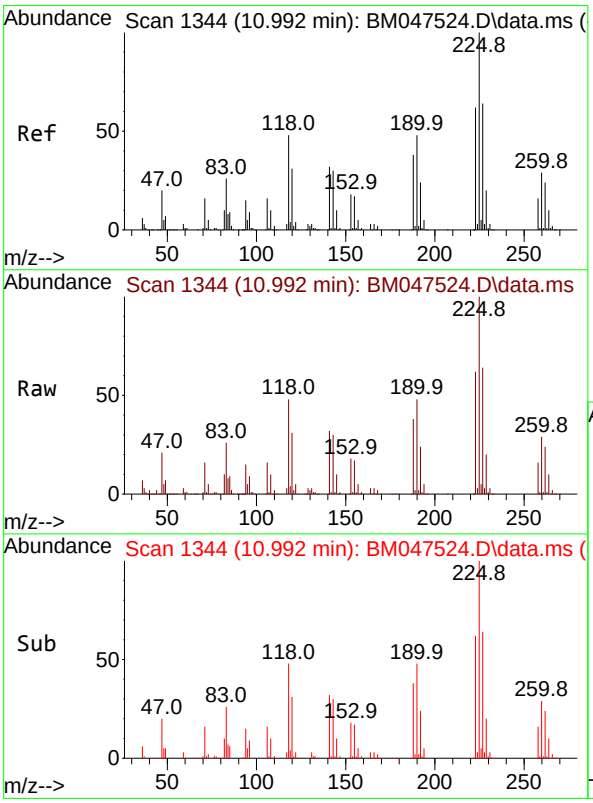
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	31.9	25.5	38.3
92	18.5	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

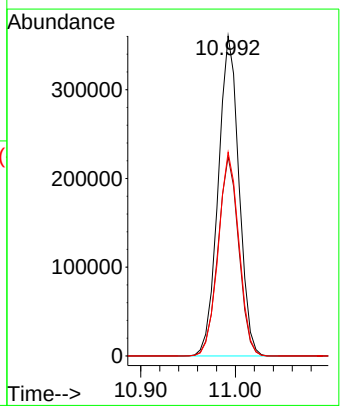
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

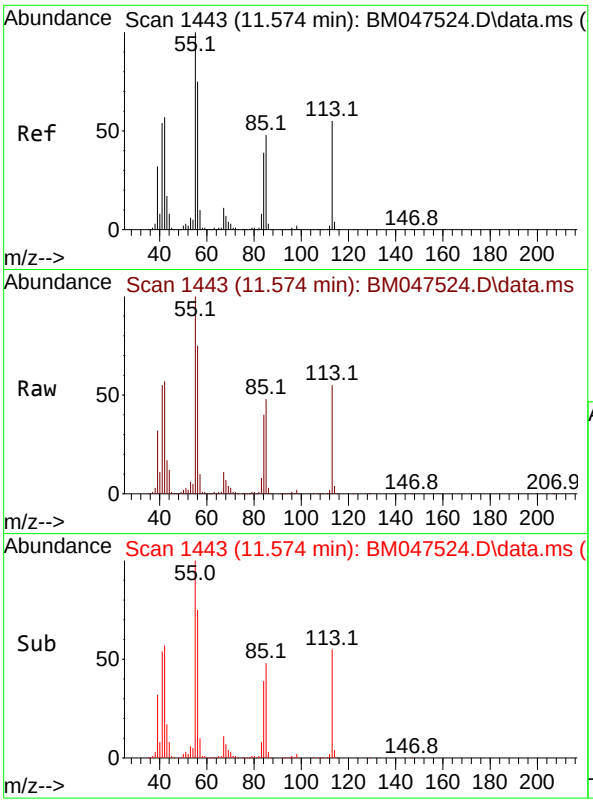


#34
Hexachlorobutadiene
Concen: 39.622 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:225 Resp: 548156

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.7	51.0	76.4

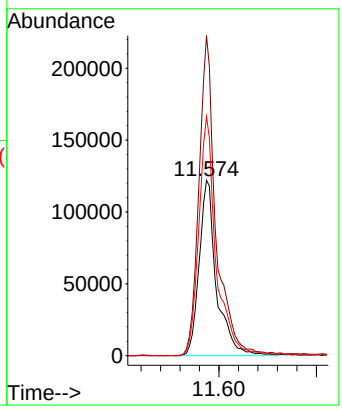




#35
Caprolactam
Concen: 42.014 ng
RT: 11.574 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:113 Resp: 30177

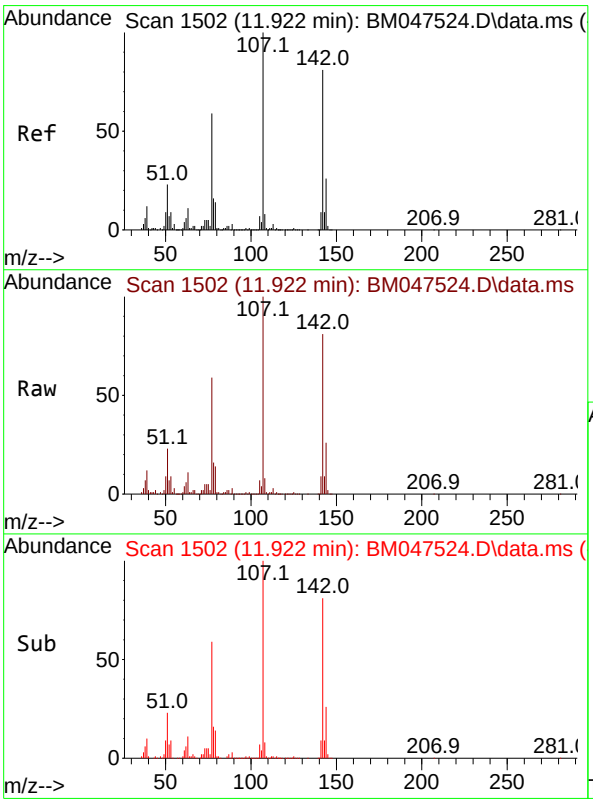
Ion	Ratio	Lower	Upper
113	100		
55	182.5	162.5	202.5
56	136.5	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

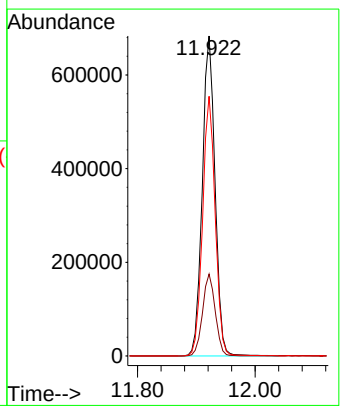
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

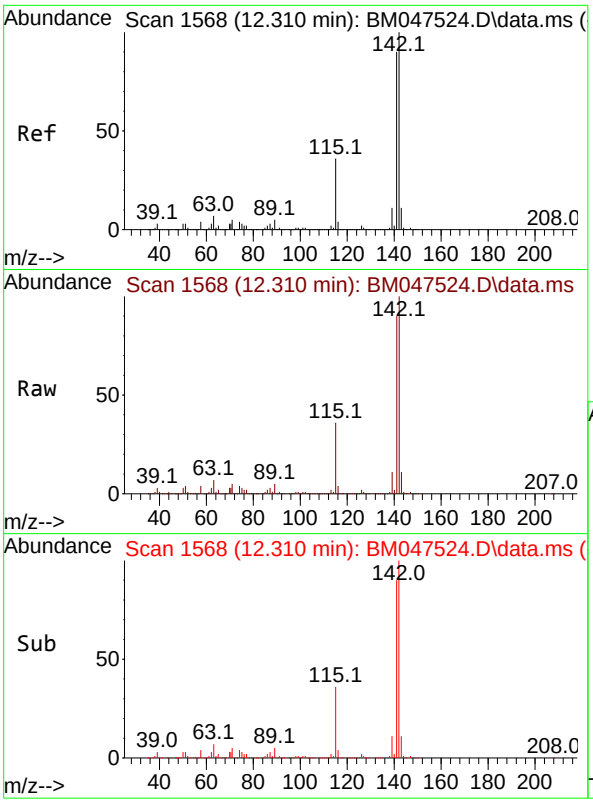


#36
4-Chloro-3-methylphenol
Concen: 41.207 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:107 Resp: 1029746

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	81.2	65.0	97.4

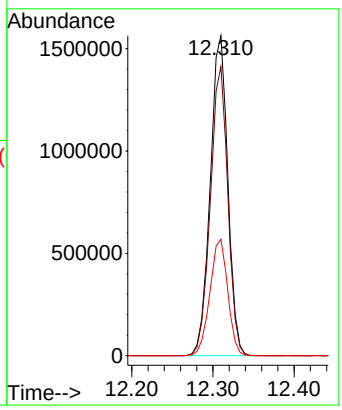




#37
2-Methylnaphthalene
Concen: 40.402 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:142 Resp: 235006

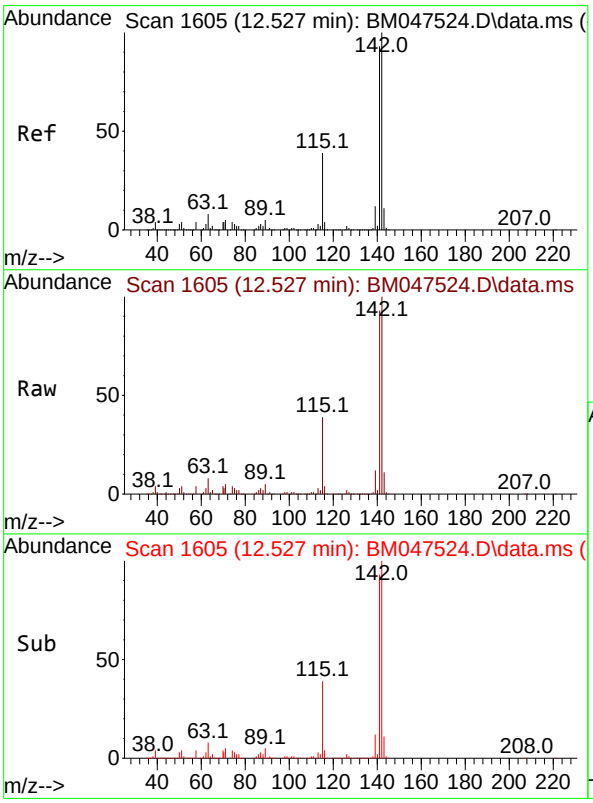
Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.4
115	36.4	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

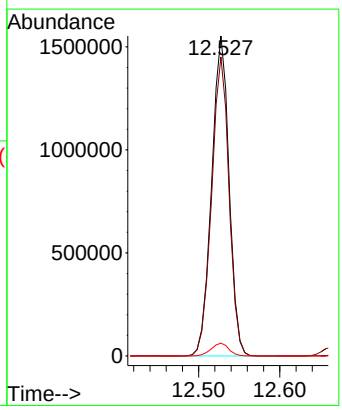
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

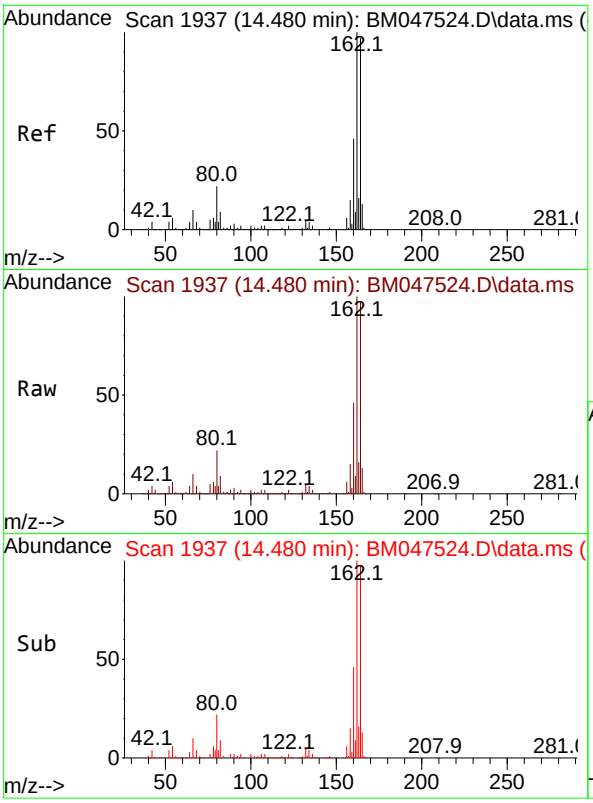


#38
1-Methylnaphthalene
Concen: 40.060 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:142 Resp: 2315698

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.0	3.2	4.8

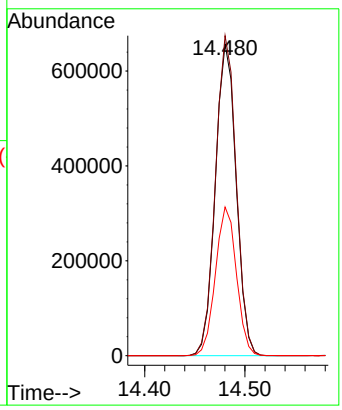




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:164 Resp: 94775

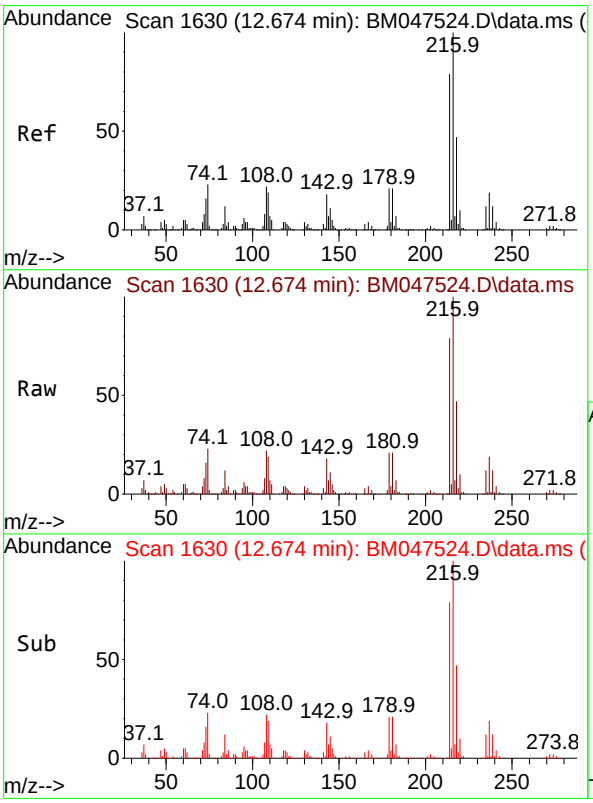
Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	47.7	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

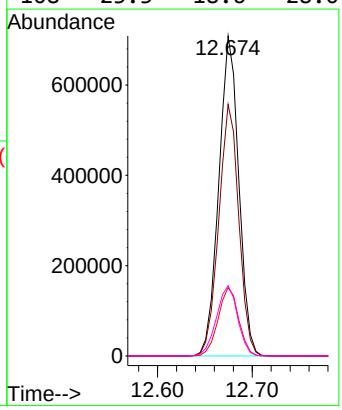
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

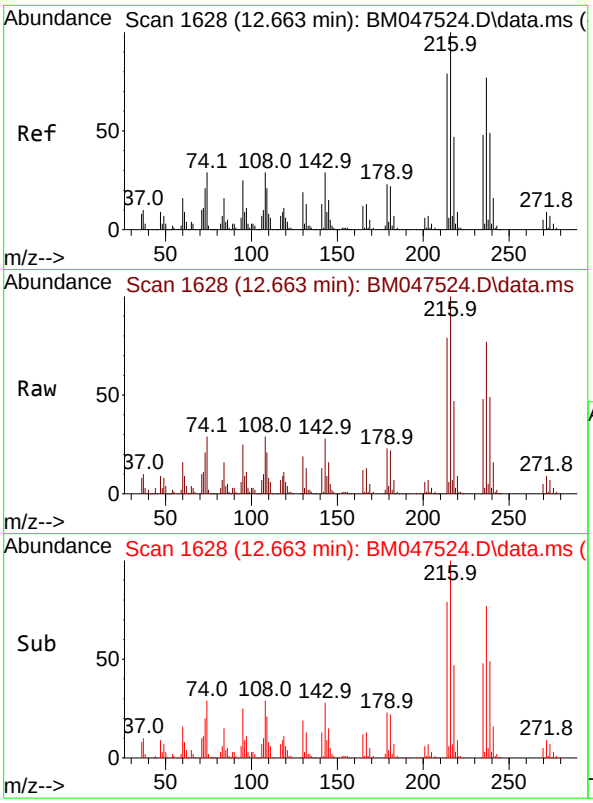


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.457 ng
RT: 12.674 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:216 Resp: 1037544

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	21.9	17.5	26.3
108	23.3	18.6	28.0

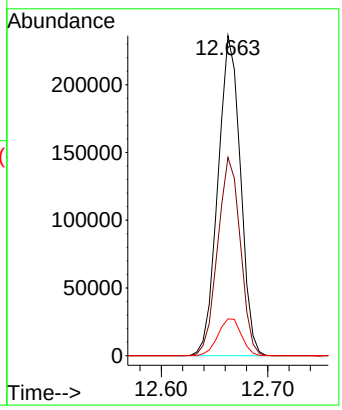




#41
Hexachlorocyclopentadiene
Concen: 41.288 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:237 Resp: 34614

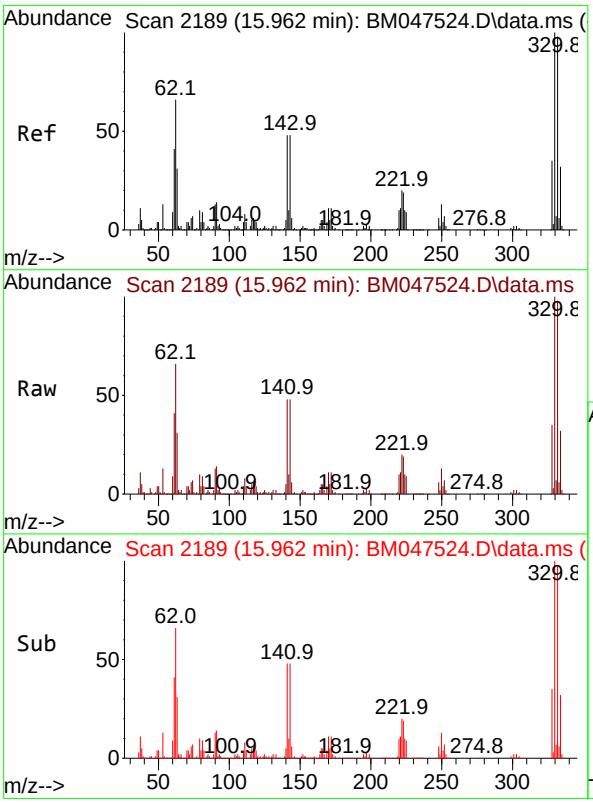
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	11.5	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

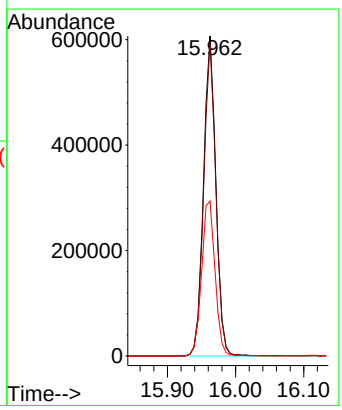
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

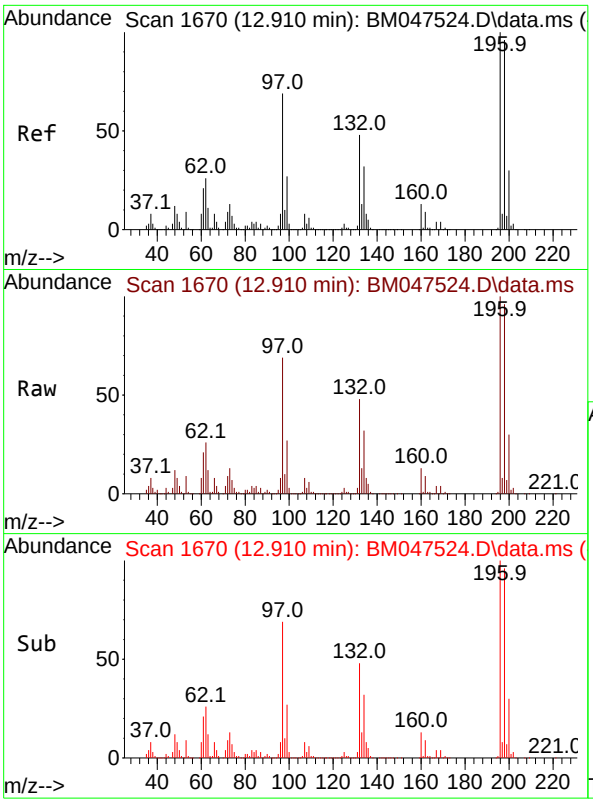


#42
2,4,6-Tribromophenol
Concen: 83.770 ng
RT: 15.962 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:330 Resp: 767403

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	52.7	42.2	63.2

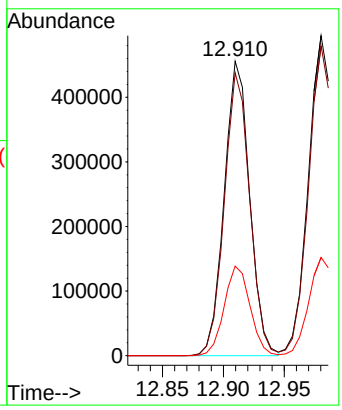




#43
2,4,6-Trichlorophenol
Concen: 41.294 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:196 Resp: 66346

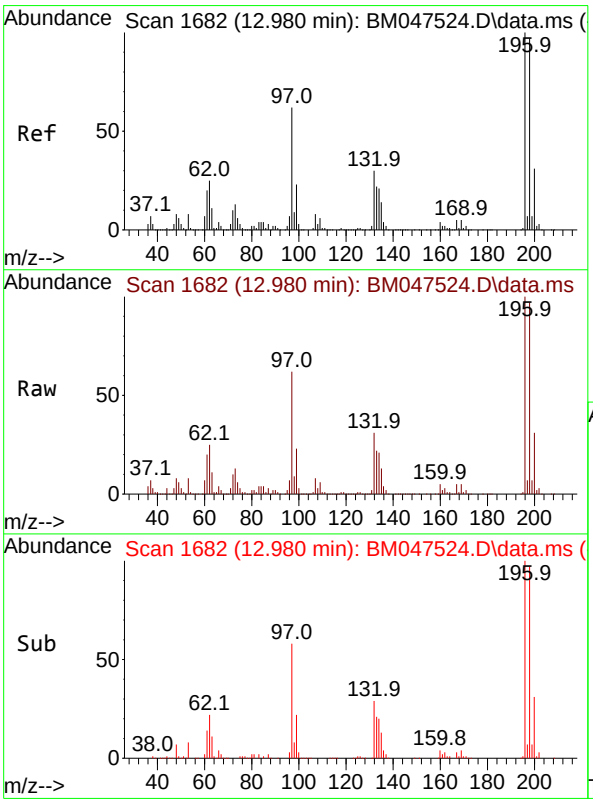
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	30.4	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

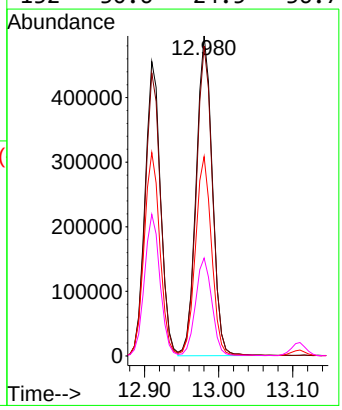
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

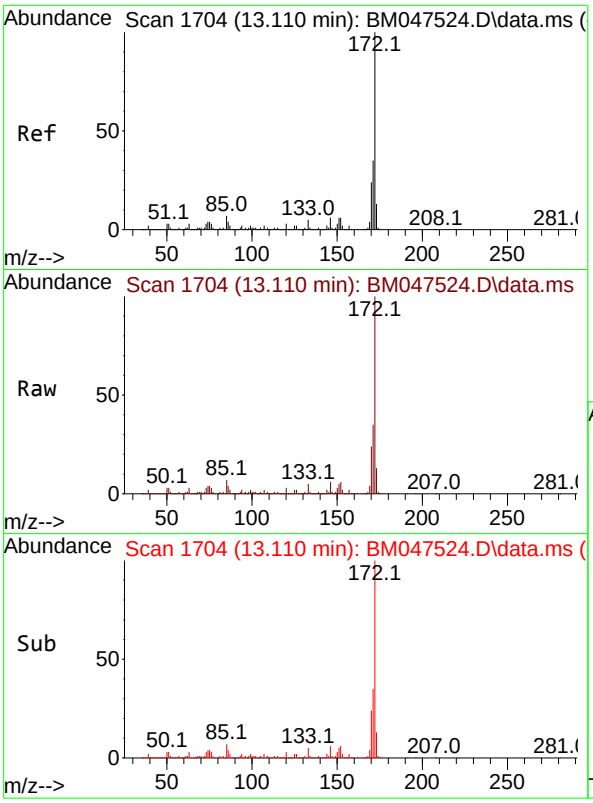


#44
2,4,5-Trichlorophenol
Concen: 41.284 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:196 Resp: 749195

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.4	116.2
97	62.3	49.8	74.8
132	30.6	24.5	36.7

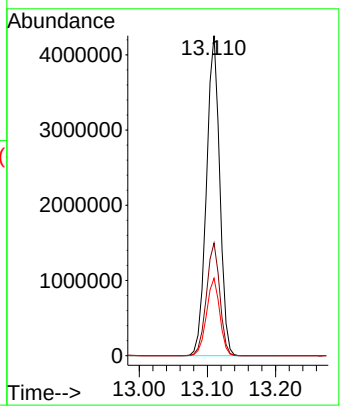




#45
2-Fluorobiphenyl
Concen: 83.482 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:172 Resp: 574366

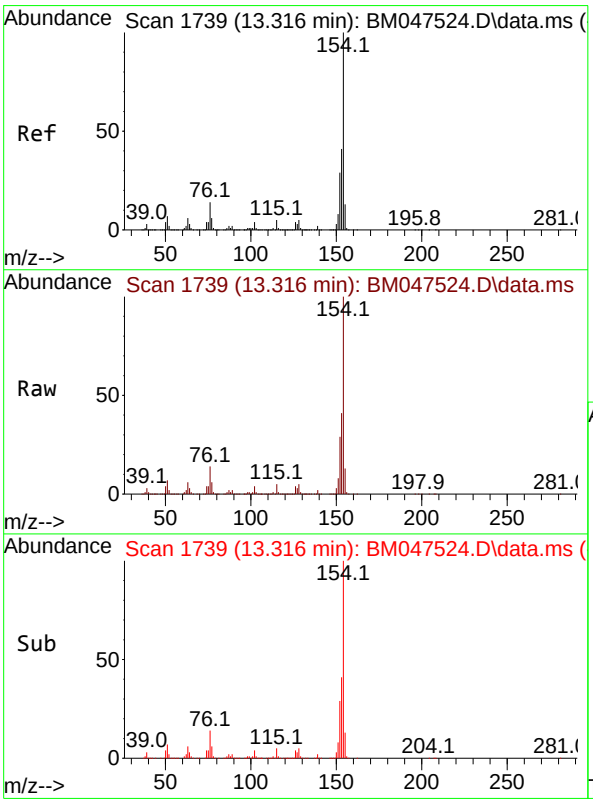
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.2	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

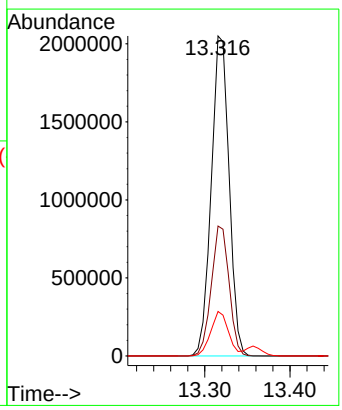
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

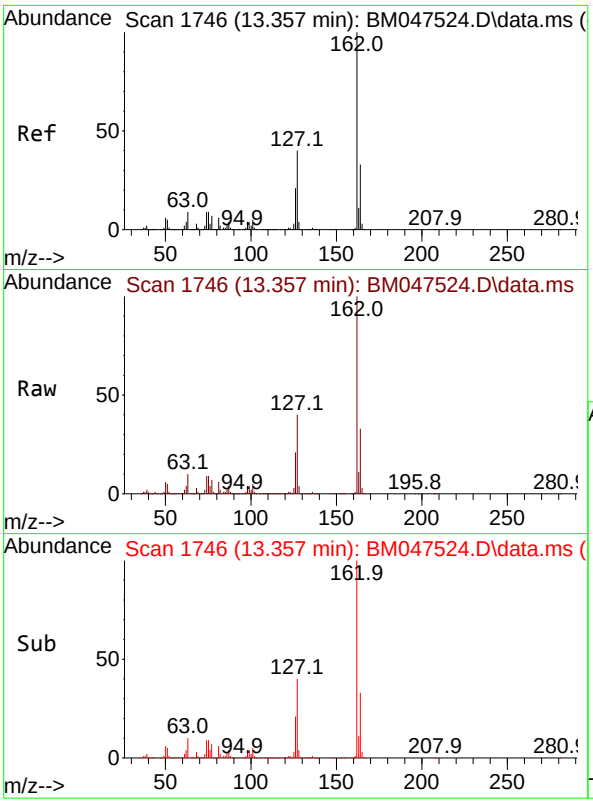


#46
1,1'-Biphenyl
Concen: 40.379 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:154 Resp: 2977591

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.9	0.0	33.9

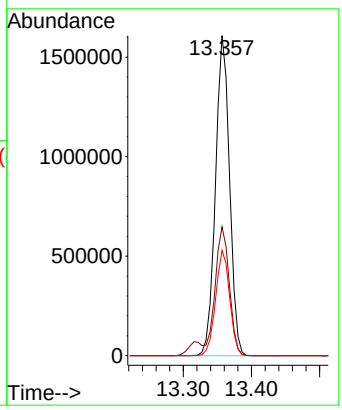




#47
2-Chloronaphthalene
Concen: 40.329 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:162 Resp: 230917

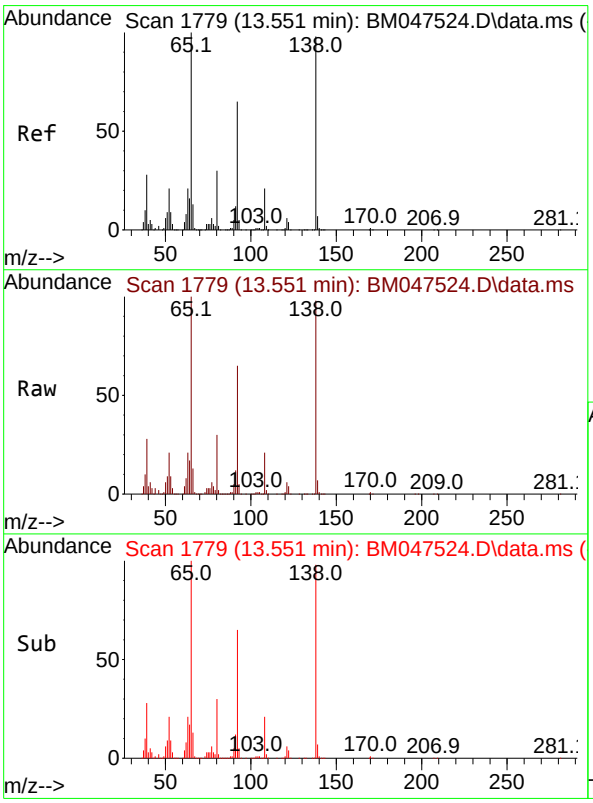
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	32.9	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

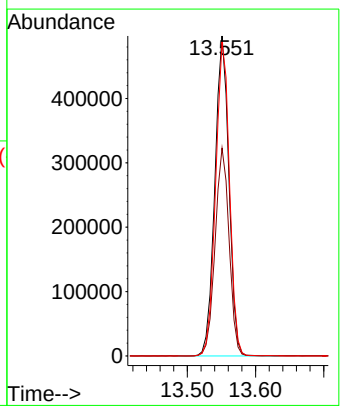
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

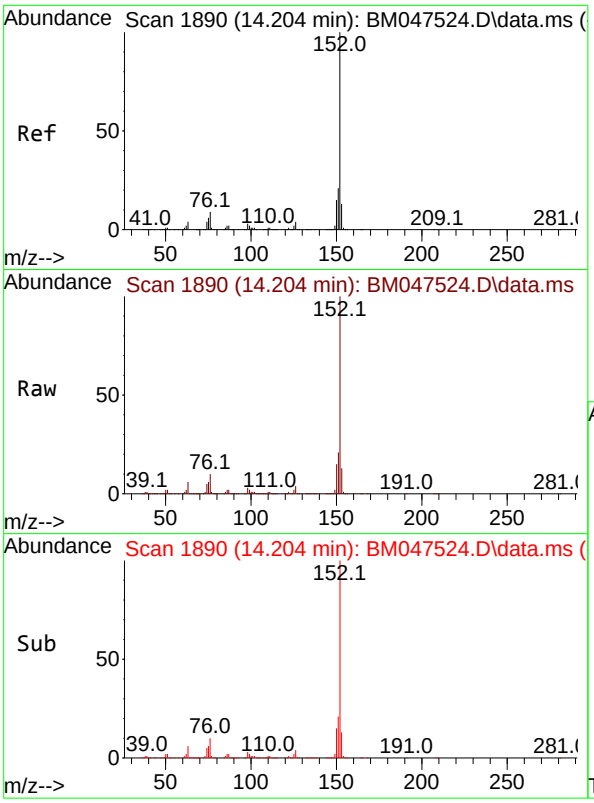


#48
2-Nitroaniline
Concen: 42.331 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 65 Resp: 711905

Ion	Ratio	Lower	Upper
65	100		
92	64.9	51.9	77.9
138	98.1	78.5	117.7

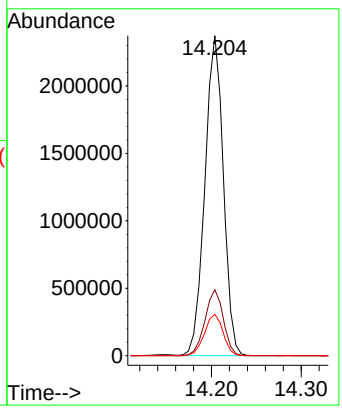




#49
Acenaphthylene
Concen: 41.020 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:152 Resp: 338938

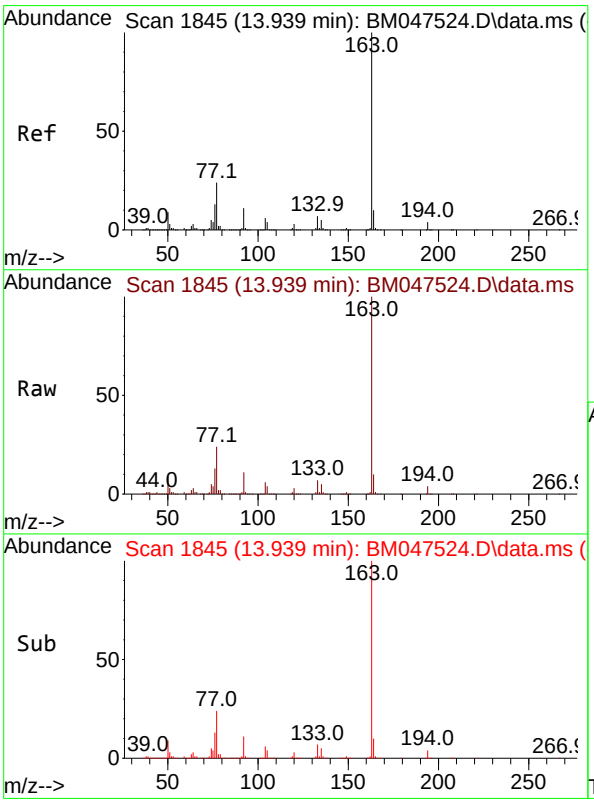
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

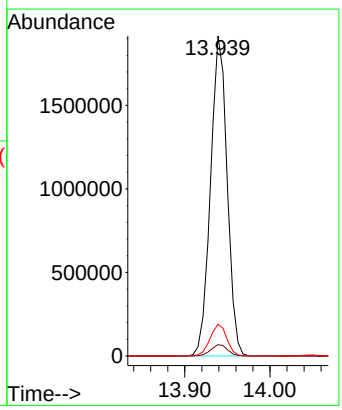
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

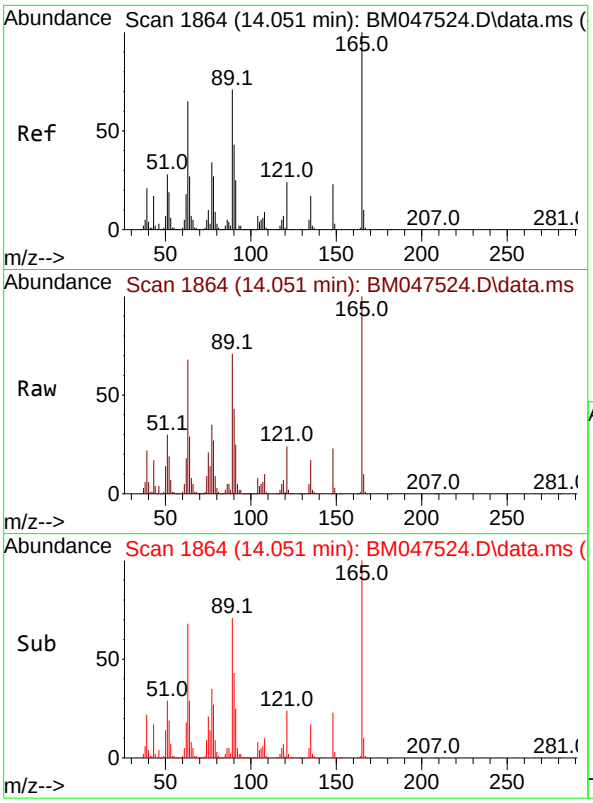


#50
Dimethylphthalate
Concen: 40.269 ng
RT: 13.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:163 Resp: 2601271

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.9	7.9	11.9

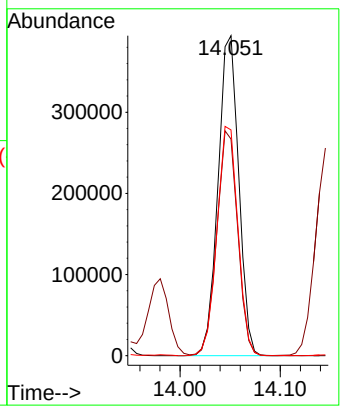




#51
2,6-Dinitrotoluene
Concen: 41.241 ng
RT: 14.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:165 Resp: 56239

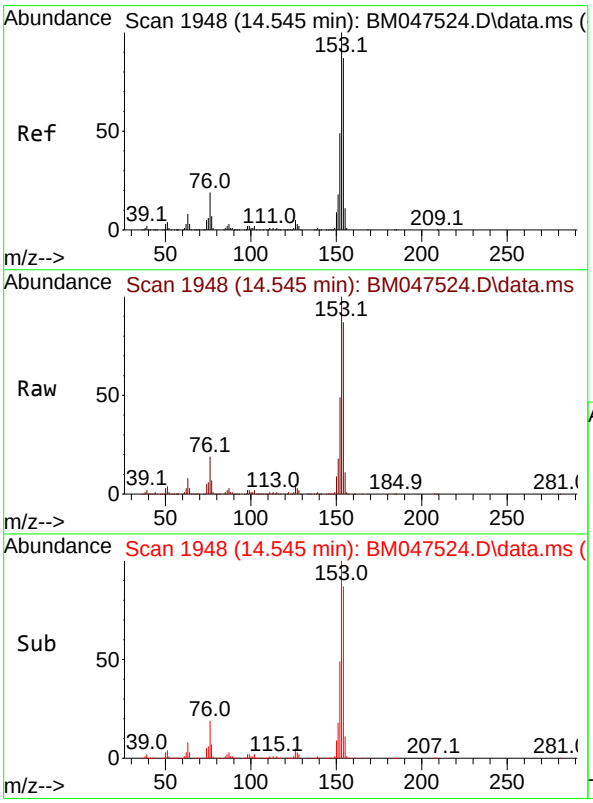
Ion	Ratio	Lower	Upper
165	100		
63	67.7	54.2	81.2
89	70.5	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

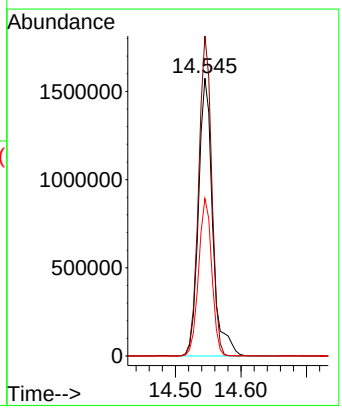
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

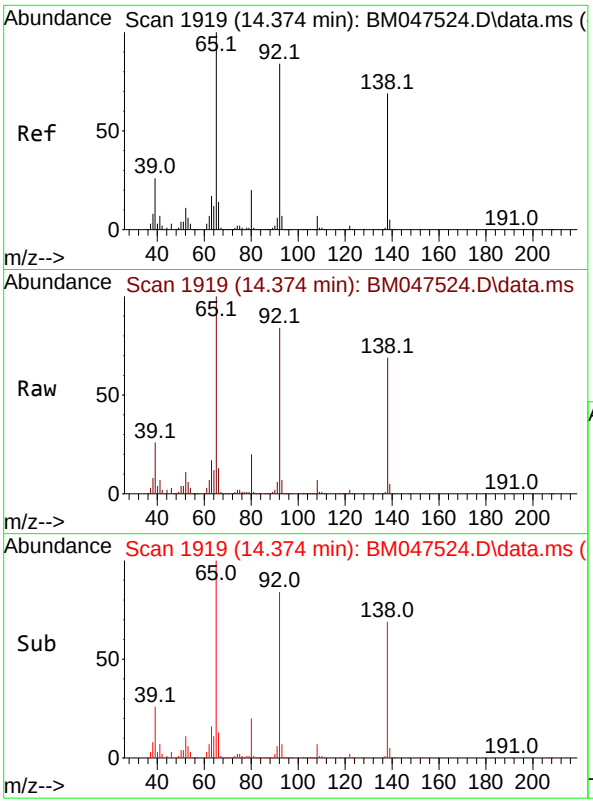


#52
Acenaphthene
Concen: 40.830 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:154 Resp: 2363816

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.2	138.2
152	56.7	45.4	68.0

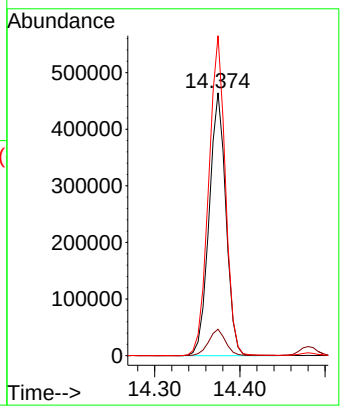




#53
3-Nitroaniline
Concen: 41.980 ng
RT: 14.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:138 Resp: 63630

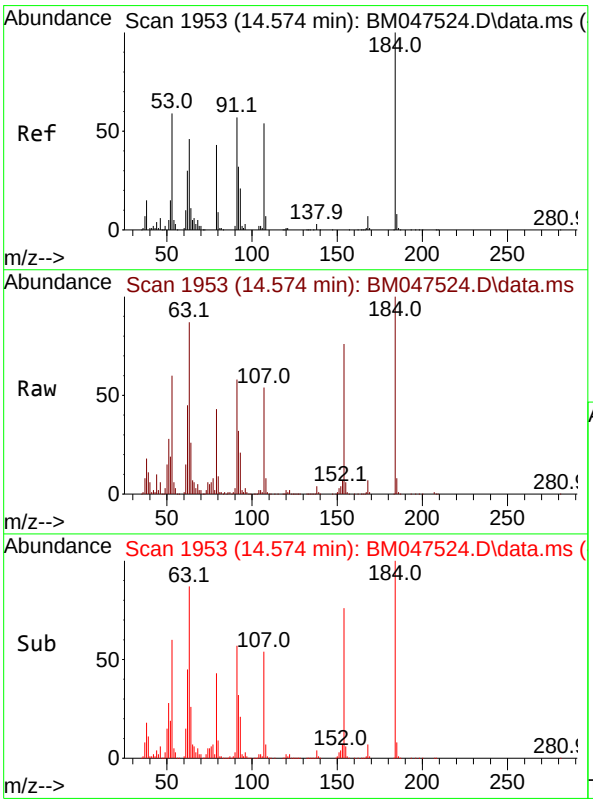
Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	121.7	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

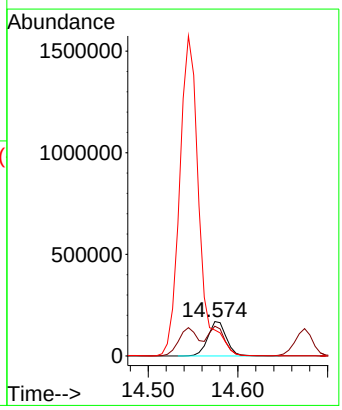
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

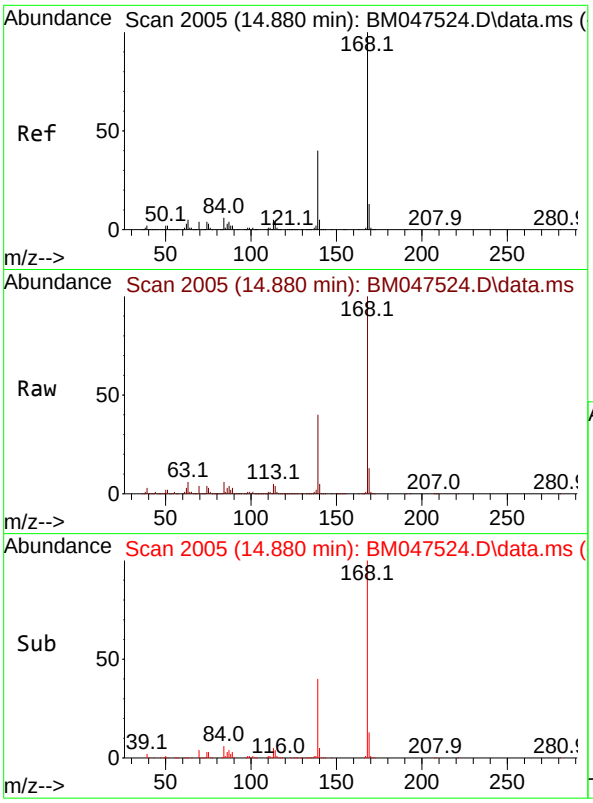


#54
2,4-Dinitrophenol
Concen: 40.526 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:184 Resp: 242408

Ion	Ratio	Lower	Upper
184	100		
63	86.7	69.4	104.0
154	75.5	60.4	90.6

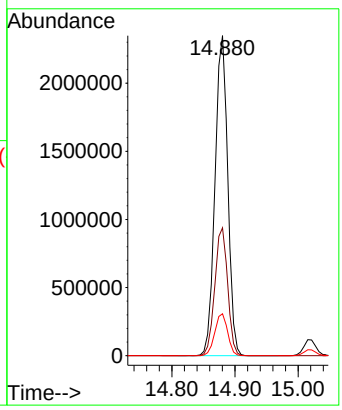




#55
Dibenzofuran
Concen: 40.401 ng
RT: 14.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:168 Resp: 328680

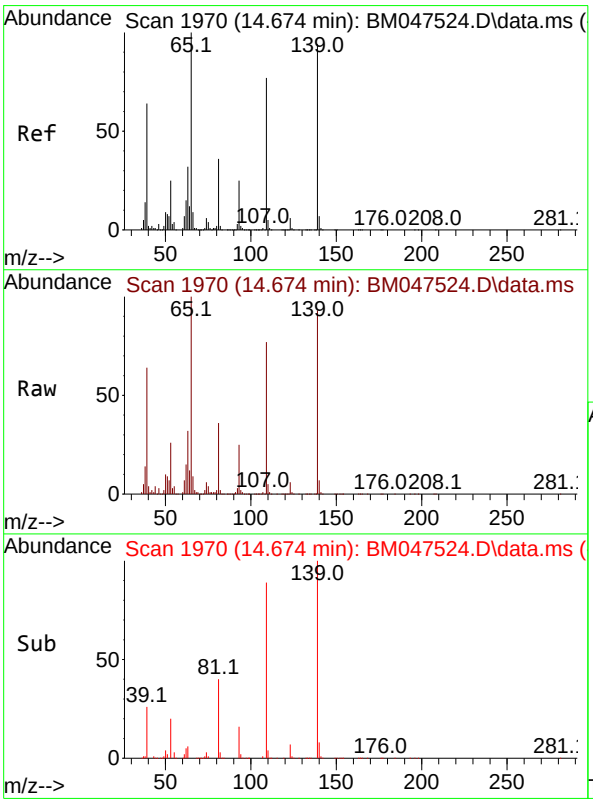
Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.9	47.9
169	13.1	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

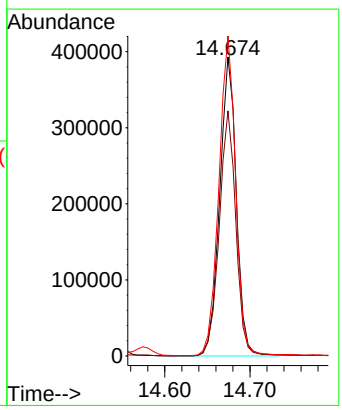
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

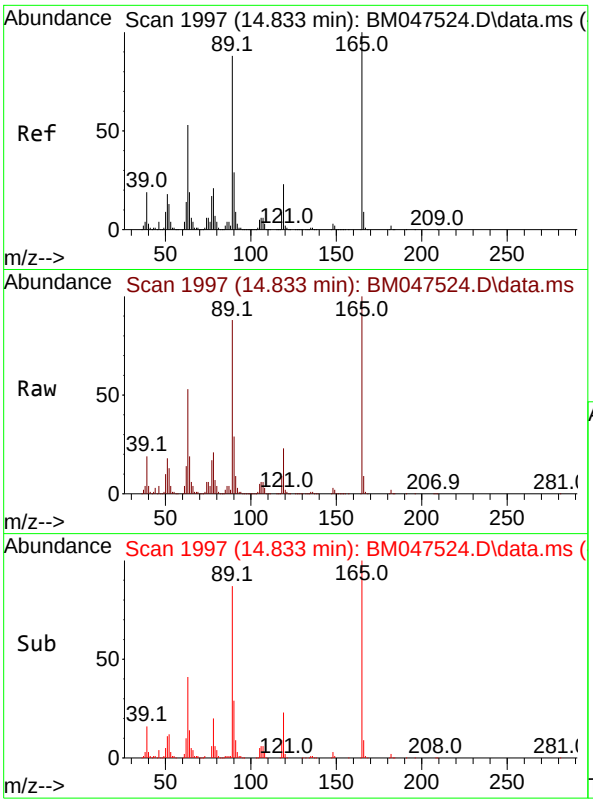


#56
4-Nitrophenol
Concen: 42.781 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:139 Resp: 533596

Ion	Ratio	Lower	Upper
139	100		
109	82.0	62.0	102.0
65	107.0	87.0	127.0

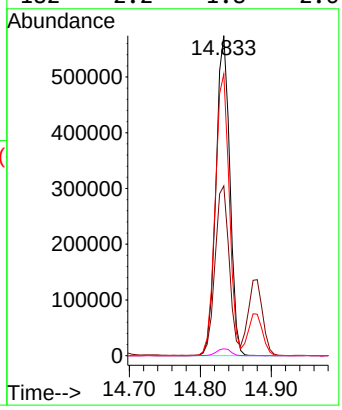




#57
2,4-Dinitrotoluene
Concen: 42.471 ng
RT: 14.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:165 Resp: 77243

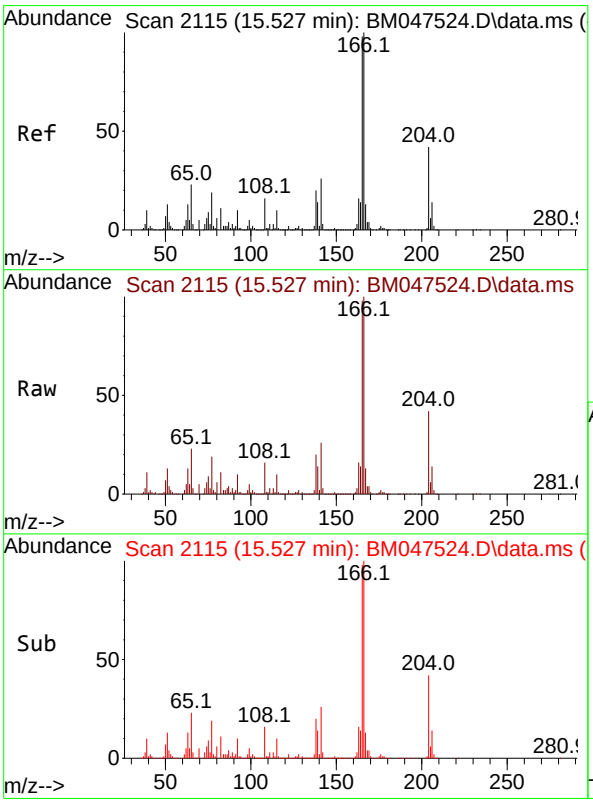
Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	88.1	70.5	105.7
182	2.2	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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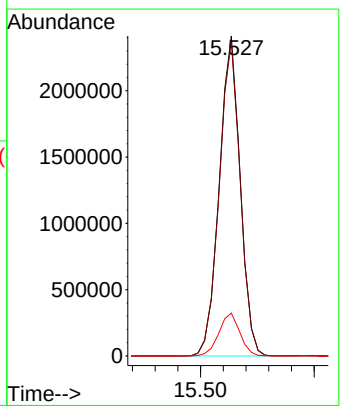
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

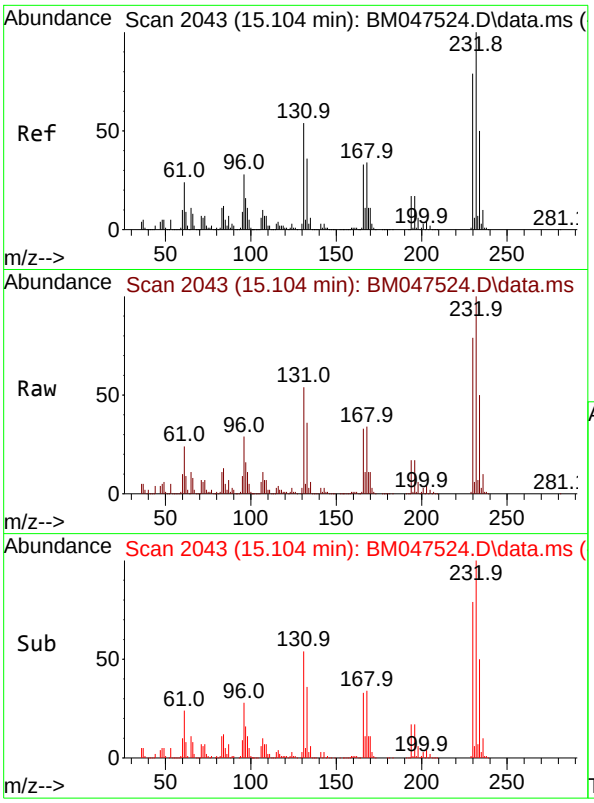


#58
Fluorene
Concen: 42.182 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:166 Resp: 3089638

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.7	16.1

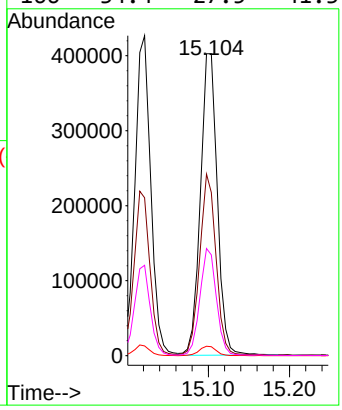




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.011 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:232 Resp: 58026

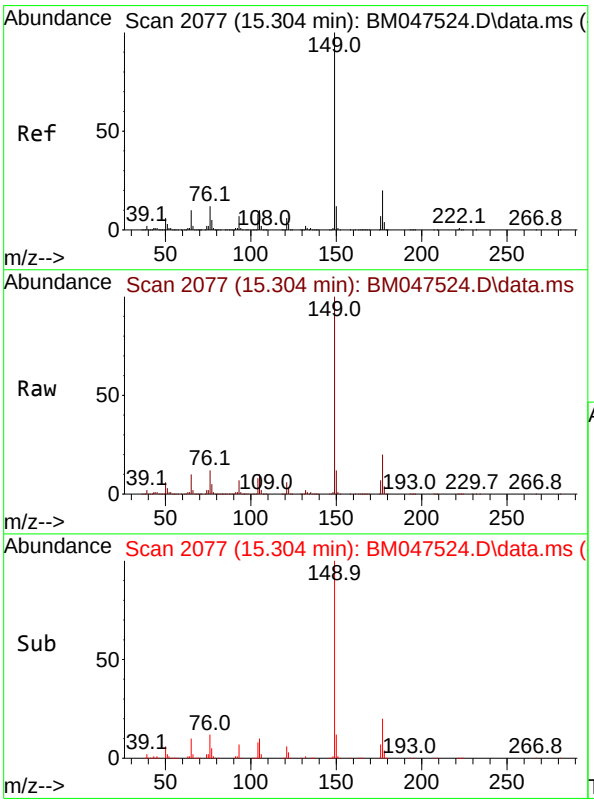
Ion	Ratio	Lower	Upper
232	100		
131	58.7	47.0	70.4
130	3.2	2.6	3.8
166	34.4	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

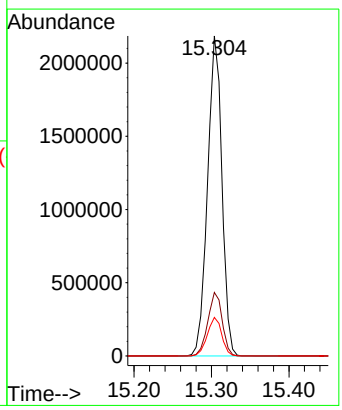
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

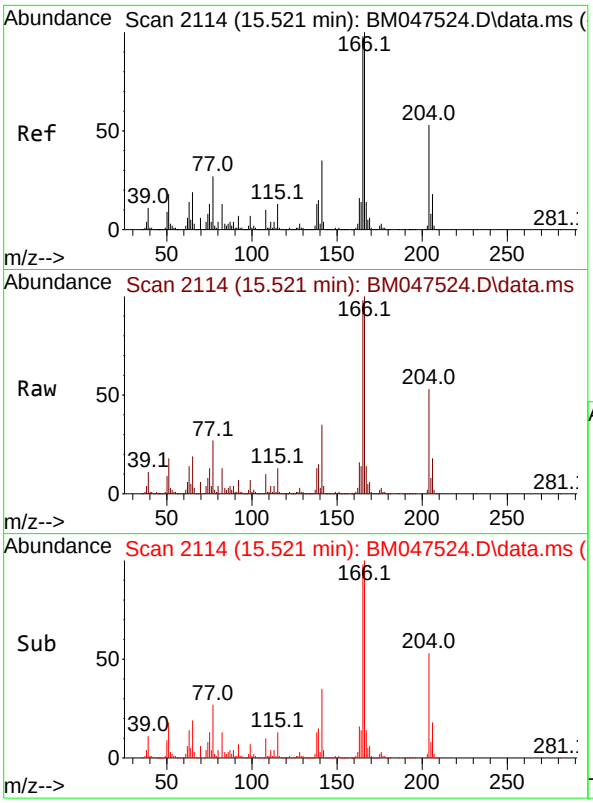


#60
Diethylphthalate
Concen: 40.869 ng
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 2809721

Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.8	23.8
150	12.1	9.7	14.5

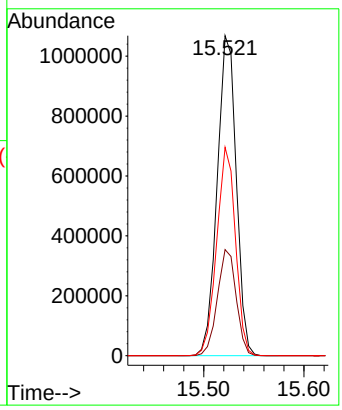




#61
4-Chlorophenyl-phenylether
Concen: 42.091 ng
RT: 15.521 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:204 Resp: 140966

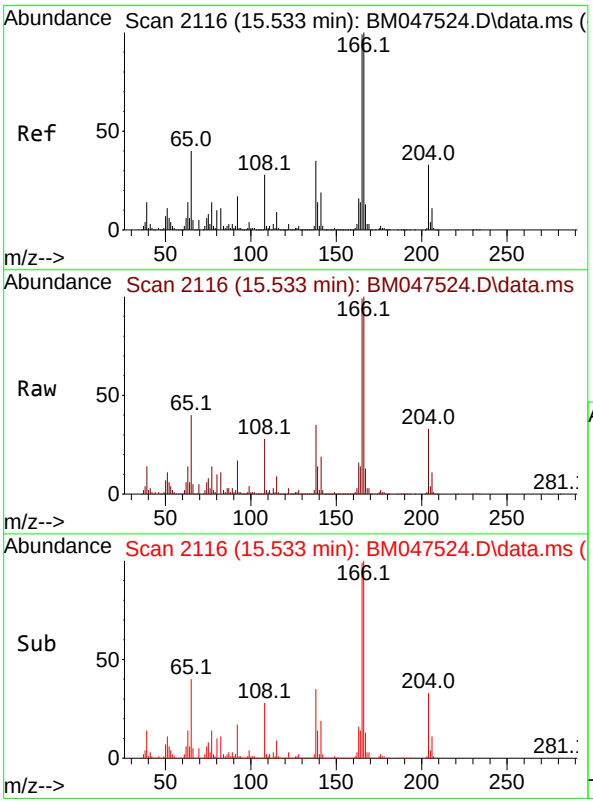
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	65.1	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

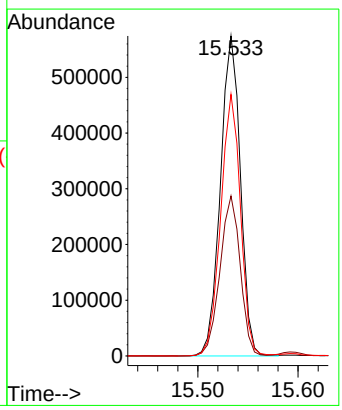
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

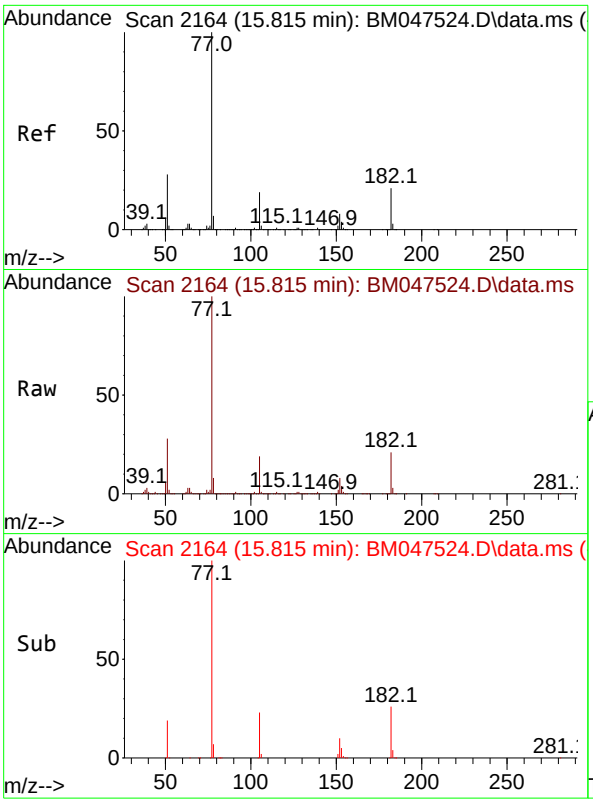


#62
4-Nitroaniline
Concen: 44.661 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:138 Resp: 795712

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.0	70.0
108	81.7	61.7	101.7

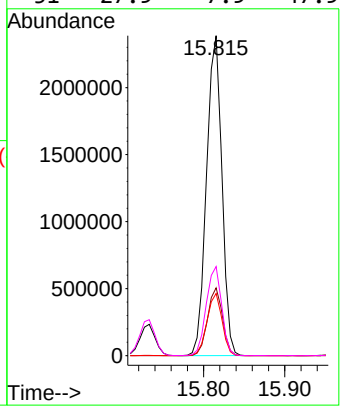




#63
Azobenzene
Concen: 41.412 ng
RT: 15.815 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion: 77 Resp: 313487

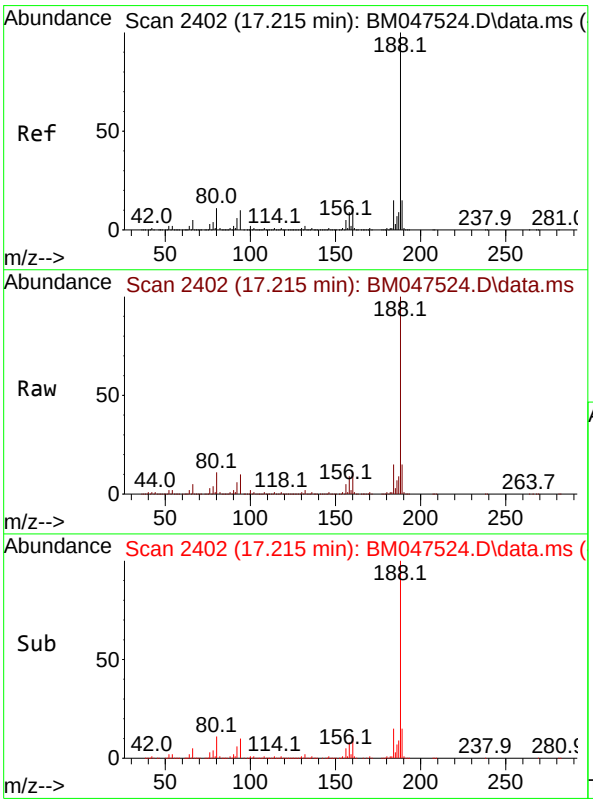
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.2	41.2
105	19.4	0.0	39.4
51	27.9	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

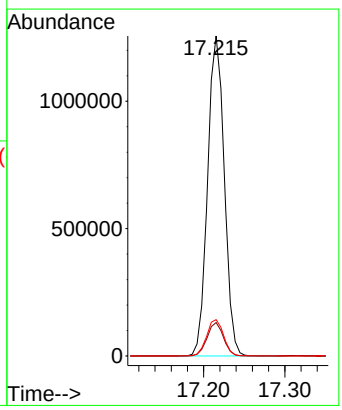
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

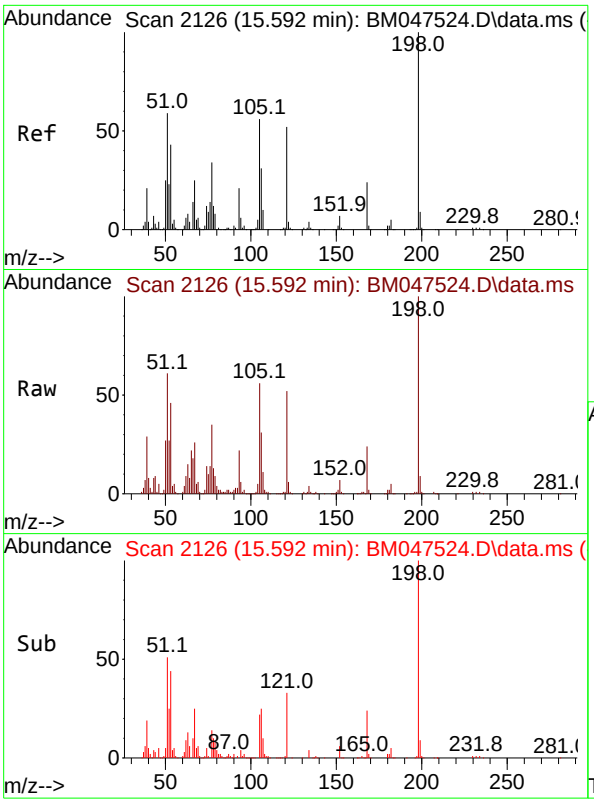


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:188 Resp: 1792326

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.4	9.1	13.7

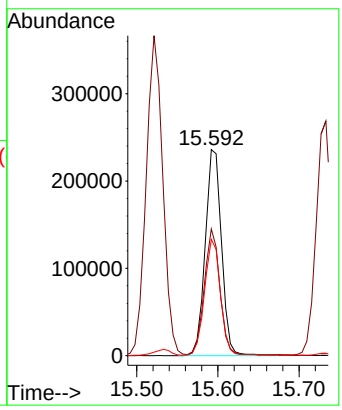




#65
4,6-Dinitro-2-methylphenol
Concen: 37.677 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:198 Resp: 32740

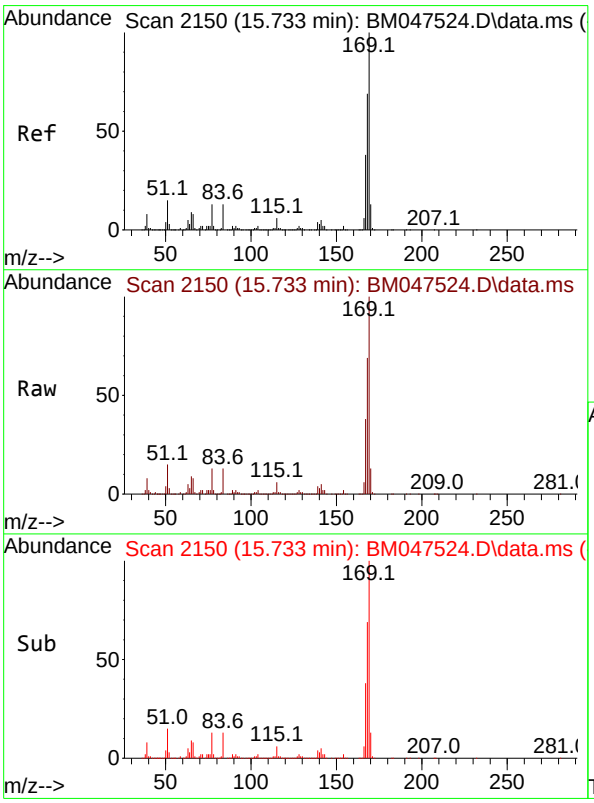
Ion	Ratio	Lower	Upper
198	100		
51	61.5	41.5	81.5
105	56.4	36.4	76.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

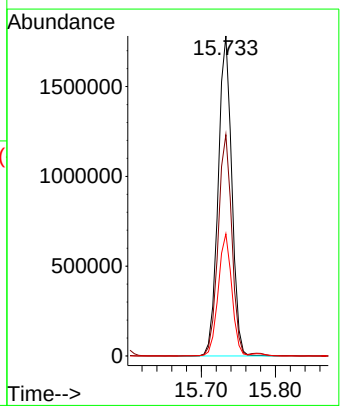
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

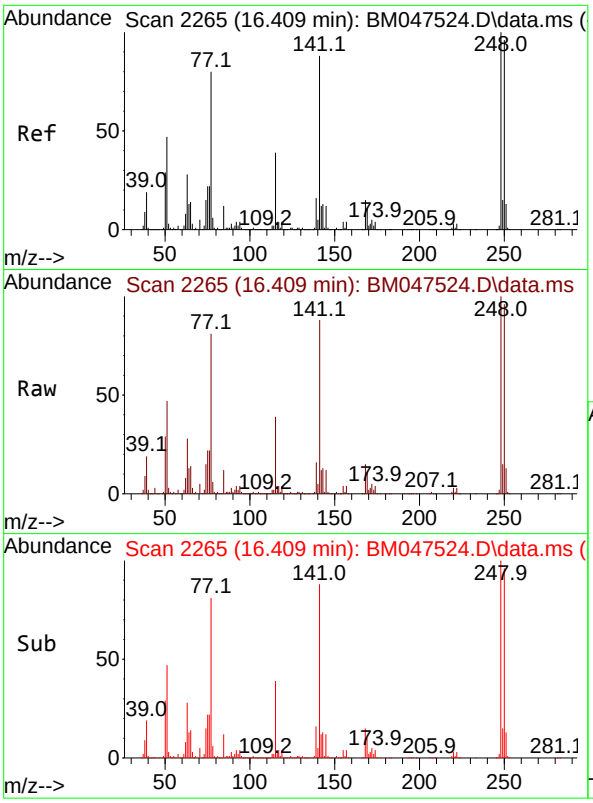


#66
n-Nitrosodiphenylamine
Concen: 41.340 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:169 Resp: 2266693

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.3	82.9
167	38.1	30.5	45.7





#67
4-Bromophenyl-phenylether
Concen: 40.531 ng
RT: 16.409 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

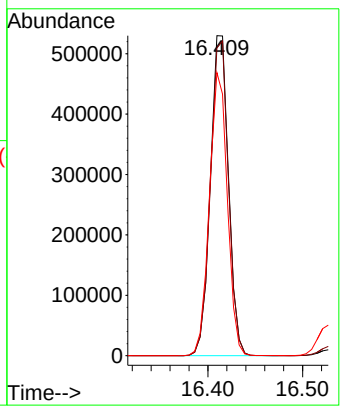
Tgt Ion:248 Resp: 70586

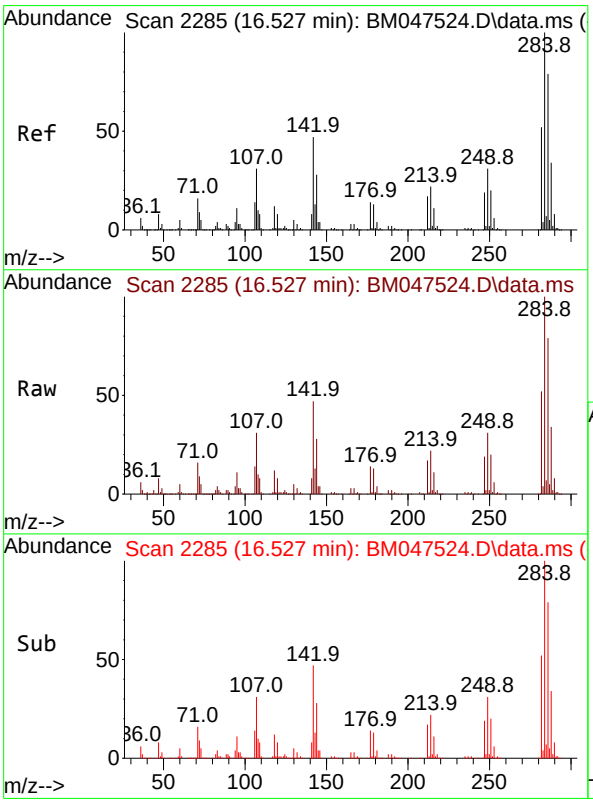
Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	88.5	70.8	106.2

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

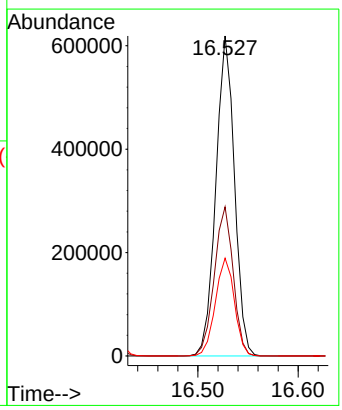


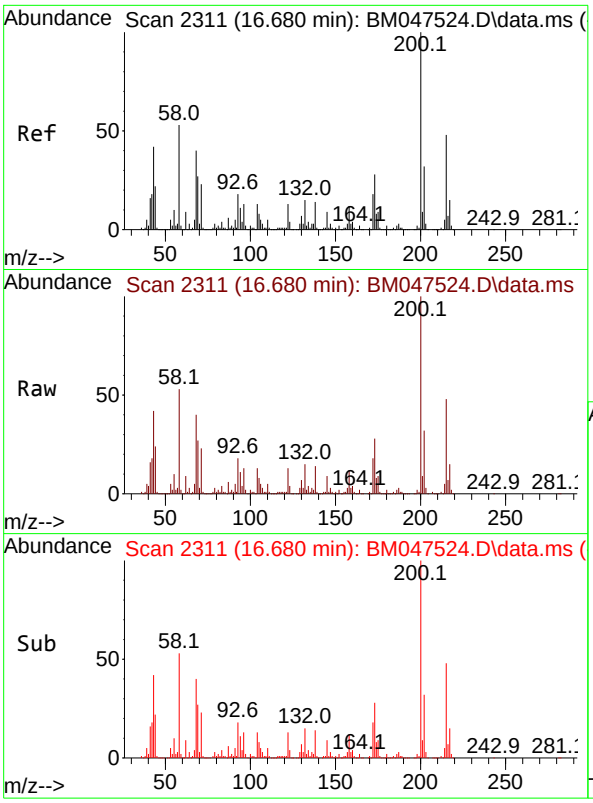


#68
Hexachlorobenzene
Concen: 40.352 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:284 Resp: 796111

Ion	Ratio	Lower	Upper
284	100		
142	46.6	37.3	55.9
249	30.6	24.5	36.7

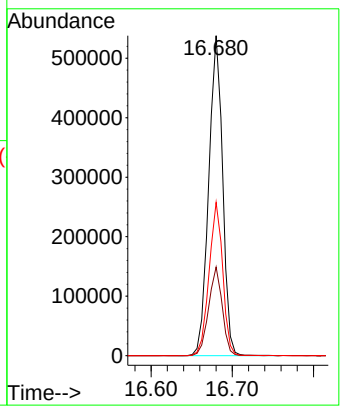




#69
Atrazine
Concen: 42.135 ng
RT: 16.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:200 Resp: 63855

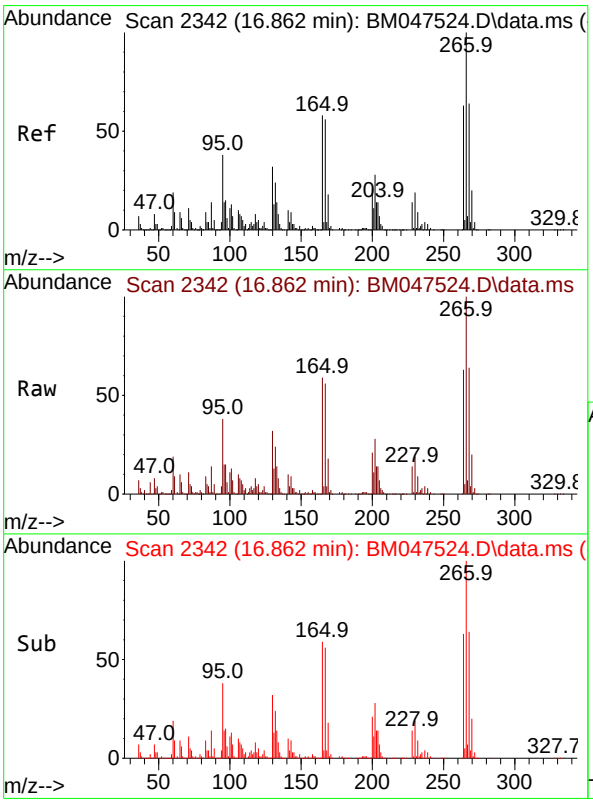
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.7	47.7
215	47.9	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

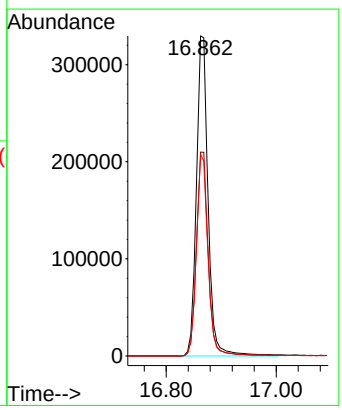
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

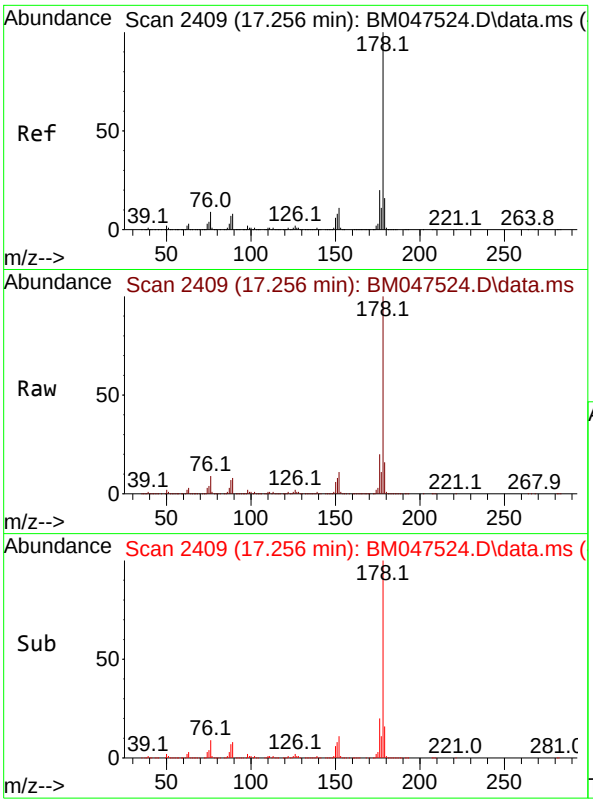


#70
Pentachlorophenol
Concen: 42.523 ng
RT: 16.862 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:266 Resp: 486319

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.0	76.4
264	63.0	50.4	75.6

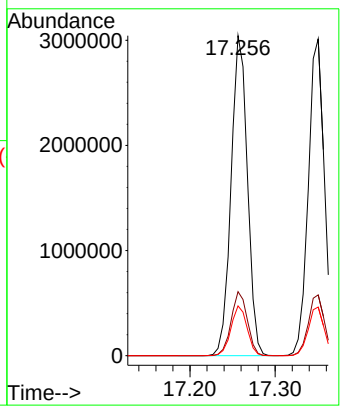




#71
Phenanthrene
Concen: 41.163 ng
RT: 17.256 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:178 Resp: 406583

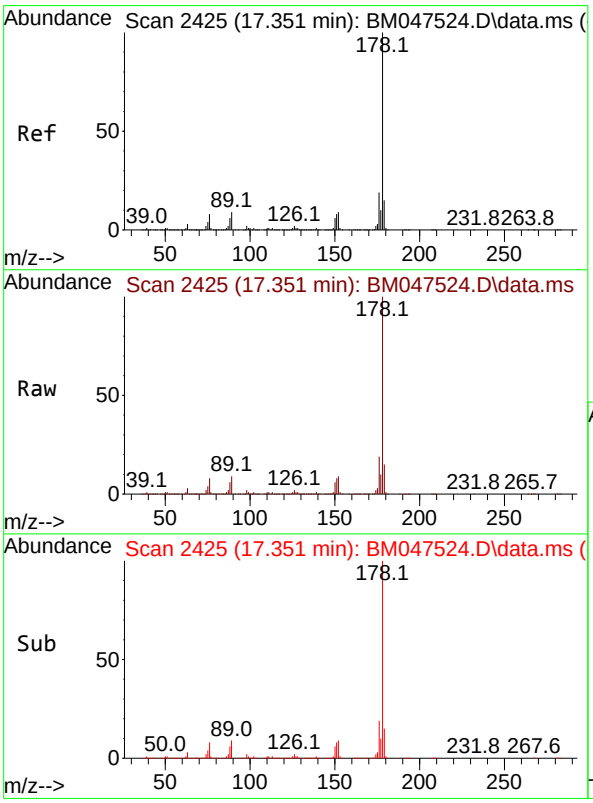
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.5	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

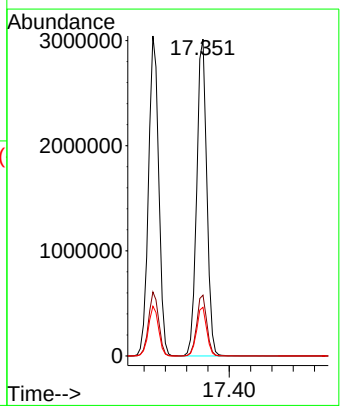
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

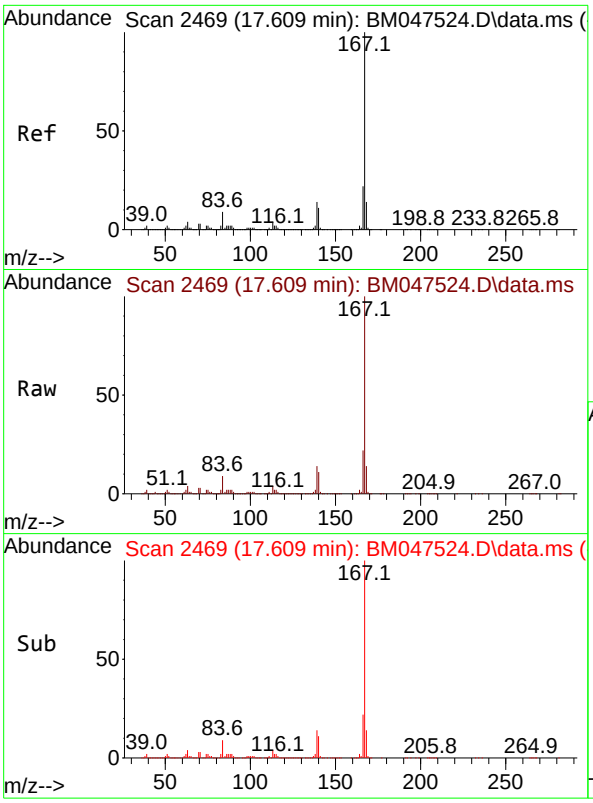


#72
Anthracene
Concen: 41.695 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:178 Resp: 3956786

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.4	12.3	18.5

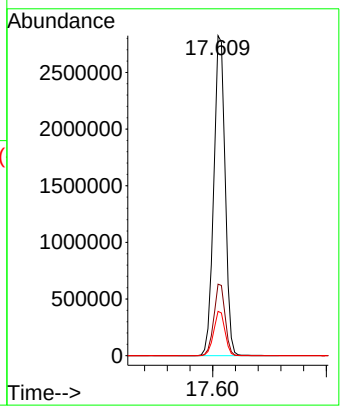




#73
Carbazole
Concen: 41.537 ng
RT: 17.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:167 Resp: 390645

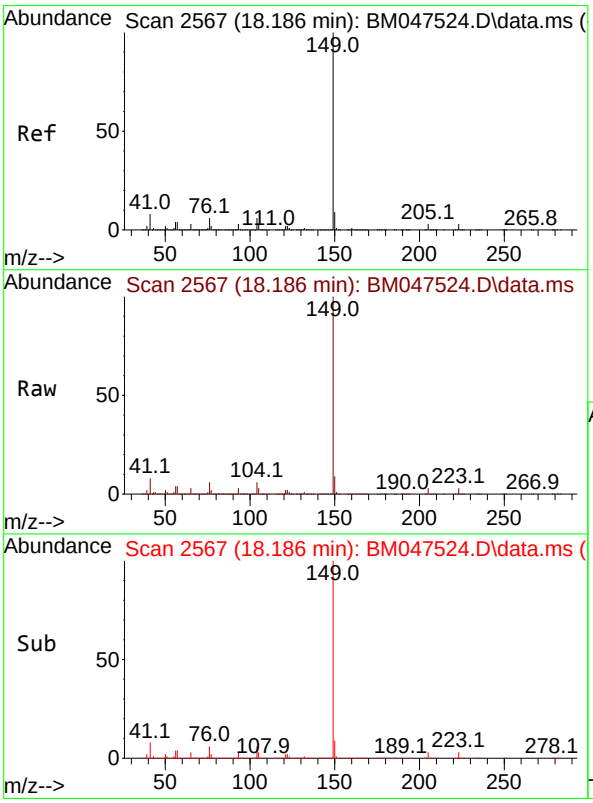
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.8	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

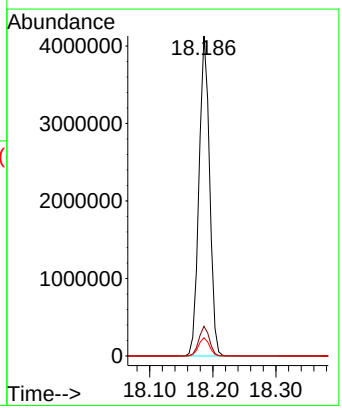
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

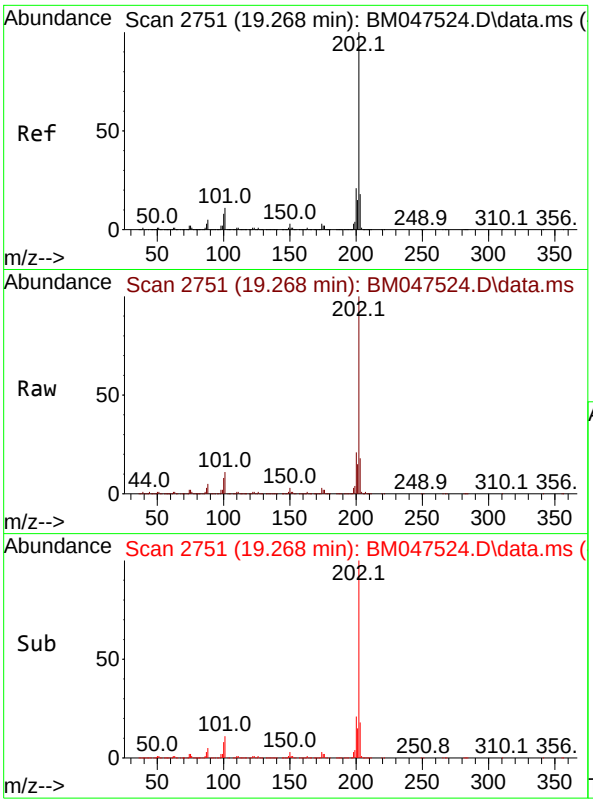


#74
Di-n-butylphthalate
Concen: 42.689 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 4803649

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.7	4.6	6.8

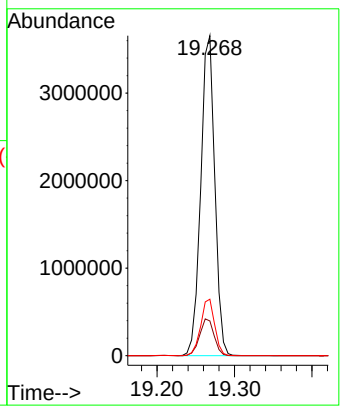




#75
Fluoranthene
Concen: 42.622 ng
RT: 19.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:202 Resp: 459339

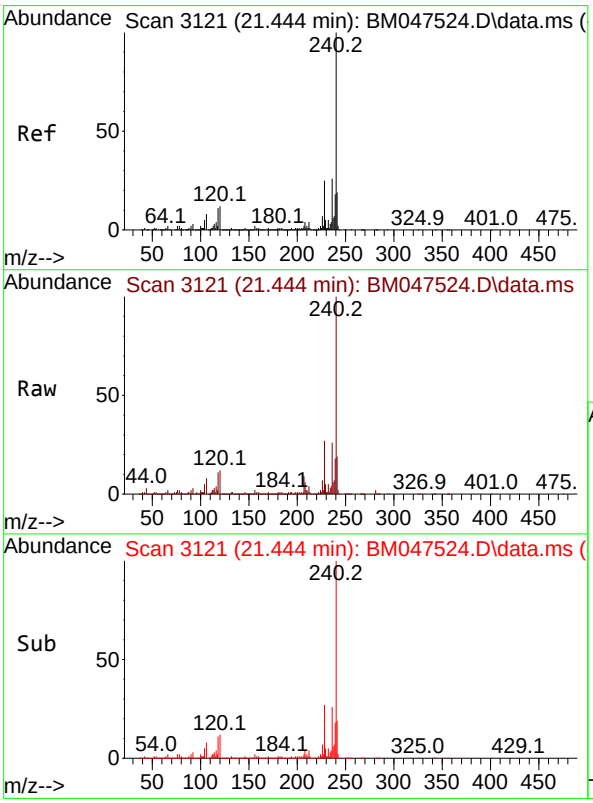
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.8
203	17.7	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

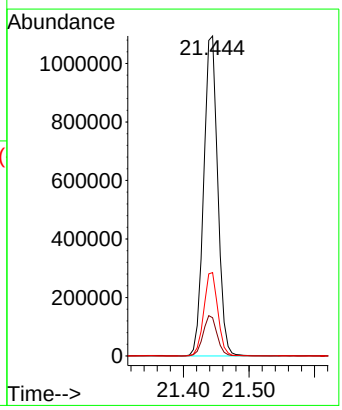
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

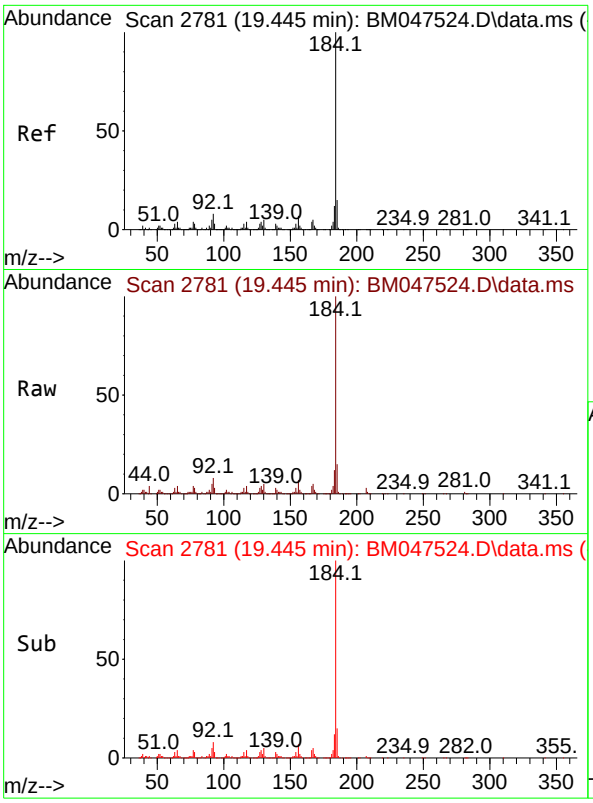


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:240 Resp: 1627798

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	26.1	20.9	31.3

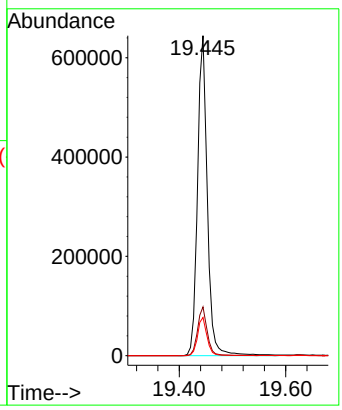




#77
Benzidine
Concen: 35.993 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:184 Resp: 82516

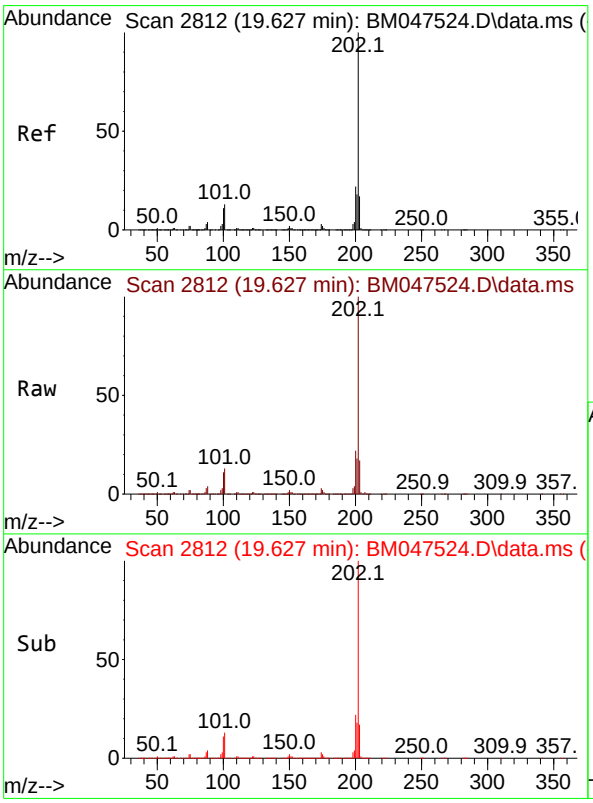
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	12.0	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

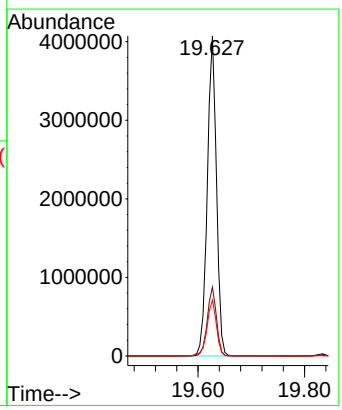
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

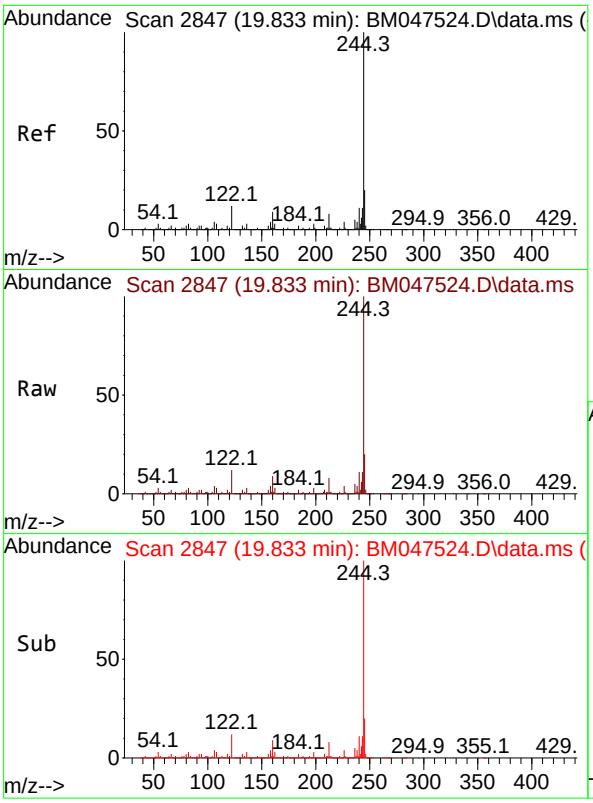


#78
Pyrene
Concen: 40.954 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:202 Resp: 4862723

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.5	14.0	21.0





#79
Terphenyl-d14
Concen: 90.034 ng
RT: 19.833 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

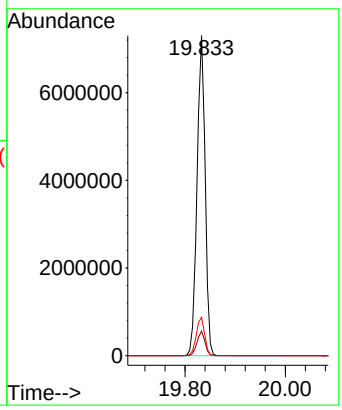
Tgt Ion:244 Resp: 817868

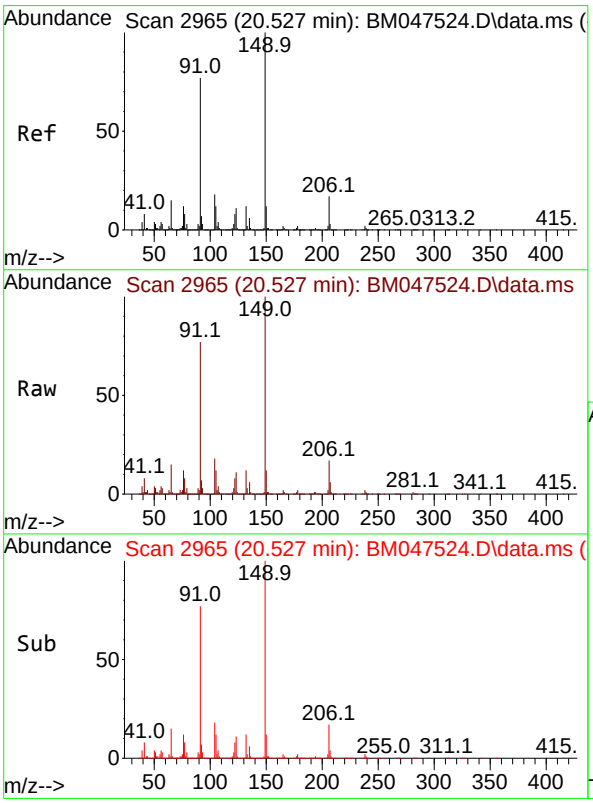
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.0	9.6	14.4

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

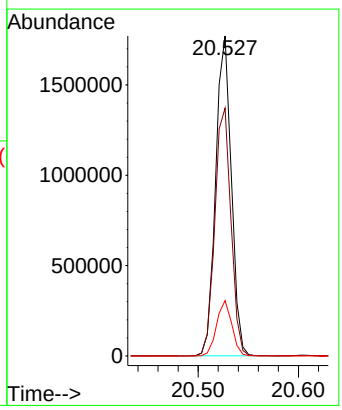


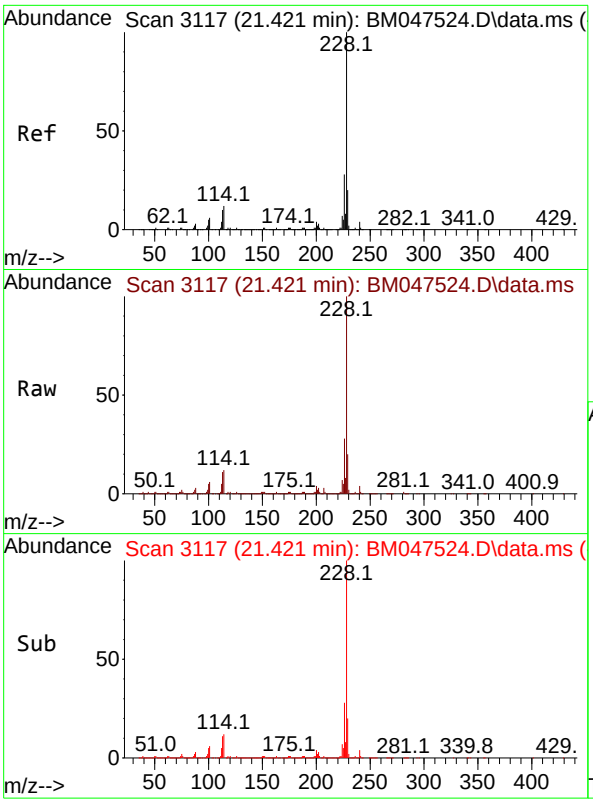


#80
Butylbenzylphthalate
Concen: 41.908 ng
RT: 20.527 min Scan# 2965
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 1915535

Ion	Ratio	Lower	Upper
149	100		
91	77.5	62.0	93.0
206	17.3	13.8	20.8

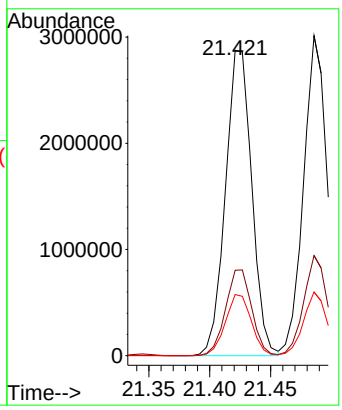




#81
Benzo(a)anthracene
Concen: 40.888 ng
RT: 21.421 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:228 Resp: 433822

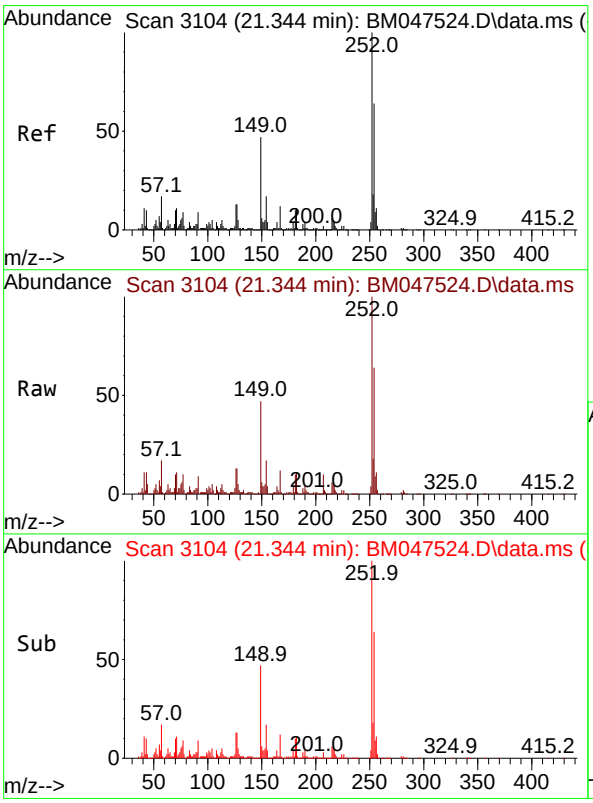
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.0	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

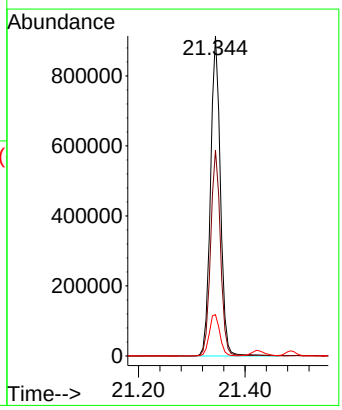
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

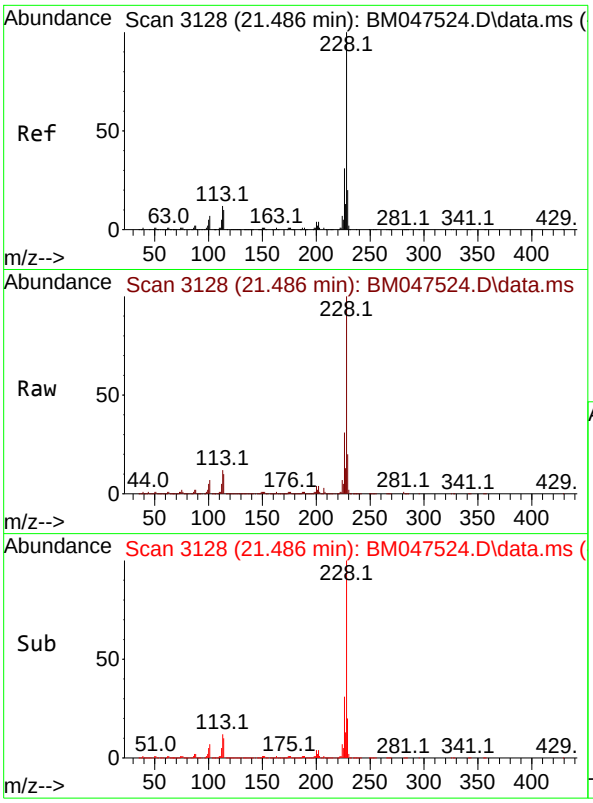


#82
3,3'-Dichlorobenzidine
Concen: 41.724 ng
RT: 21.344 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:252 Resp: 1177624

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	12.9	10.3	15.5

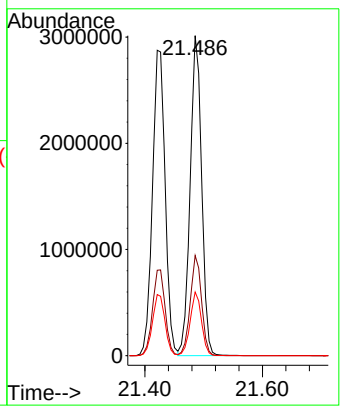




#83
Chrysene
Concen: 40.682 ng
RT: 21.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:228 Resp: 408272

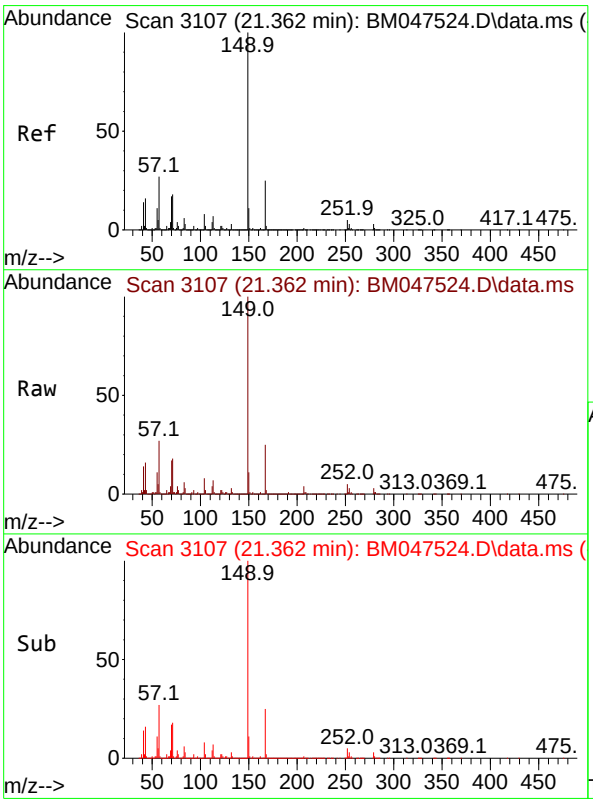
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.9	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

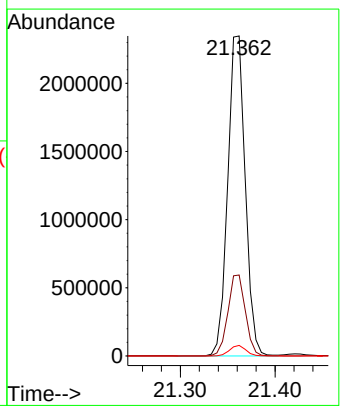
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

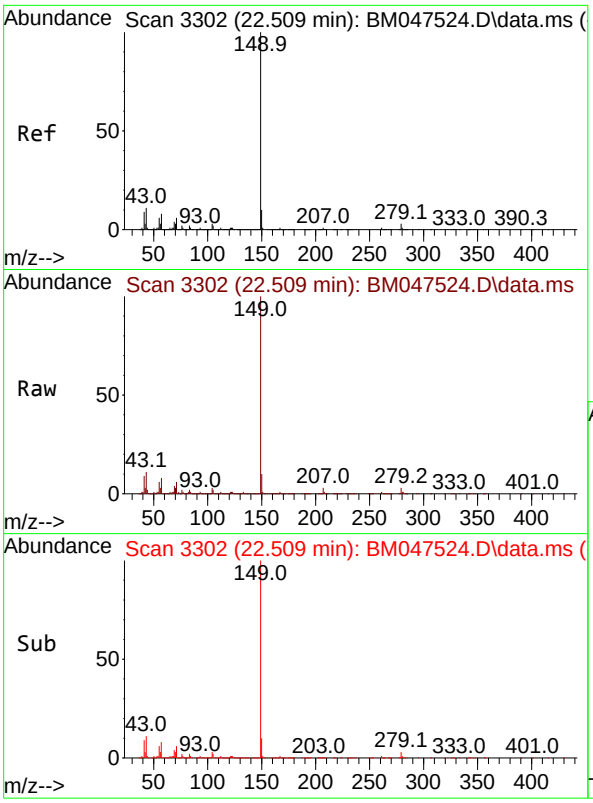


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.216 ng
RT: 21.362 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 3022758

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.2	30.4
279	3.3	2.6	4.0

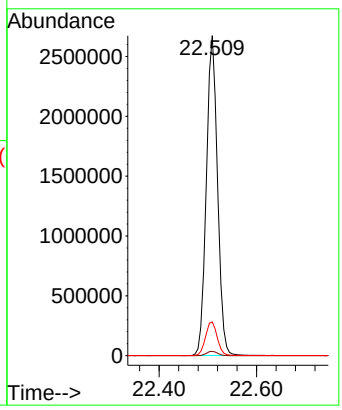




#85
Di-n-octyl phthalate
Concen: 41.825 ng
RT: 22.509 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 423609

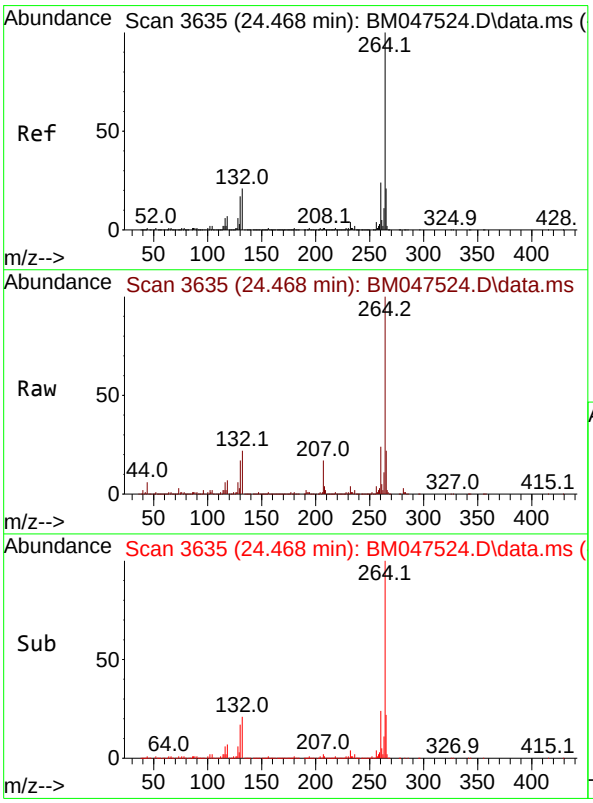
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.1	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

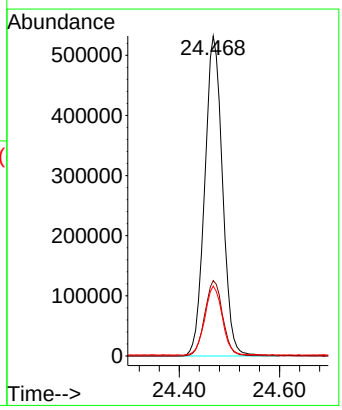
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

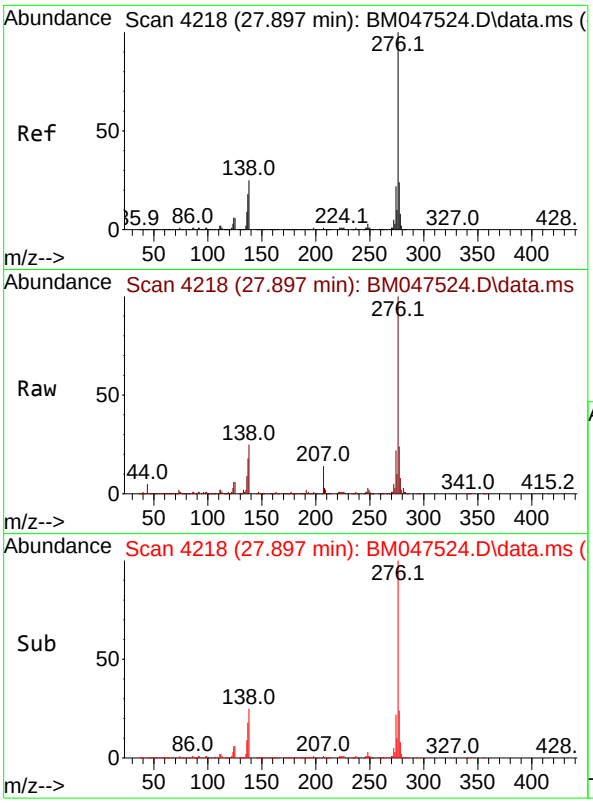


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:264 Resp: 1308860

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.4	26.2

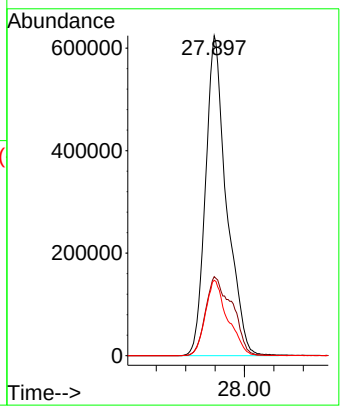




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.575 ng
RT: 27.897 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:276 Resp: 309982

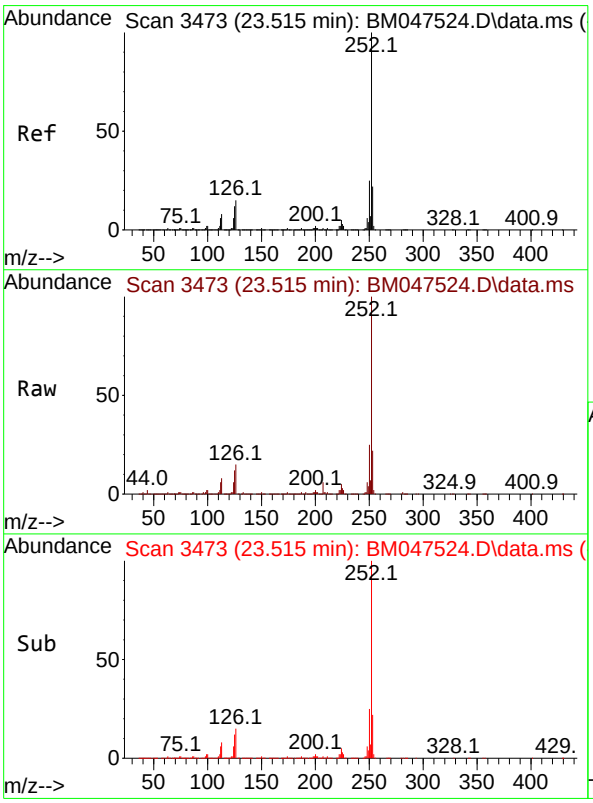
Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.0	37.6
277	25.1	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

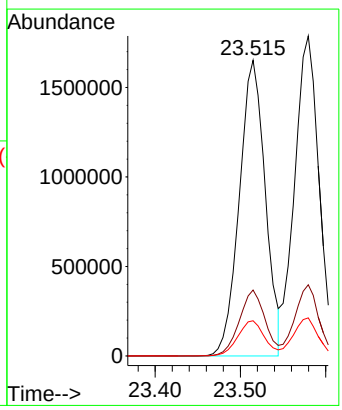
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

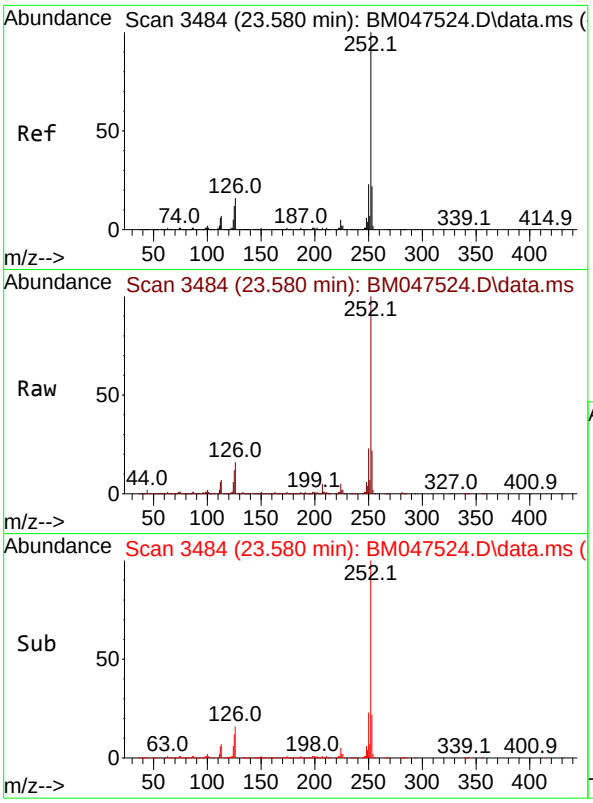


#88
Benzo(b)fluoranthene
Concen: 41.423 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:252 Resp: 3507877

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.9	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 42.538 ng
RT: 23.580 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

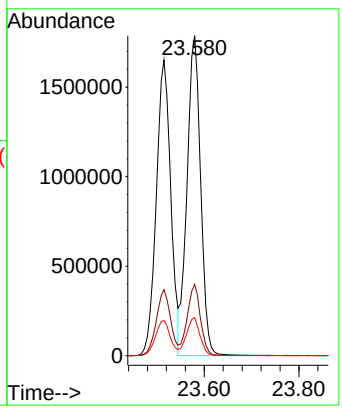
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

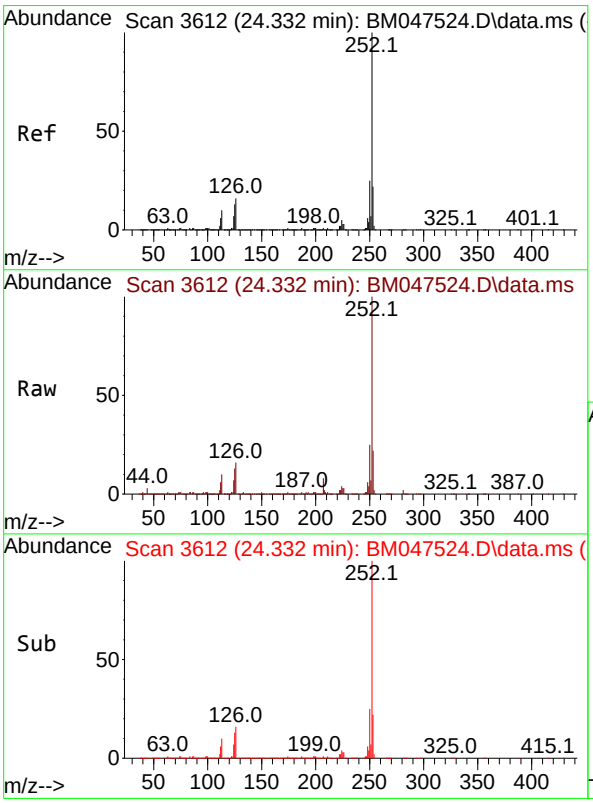
Tgt Ion:252 Resp: 357021

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.9	9.5	14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

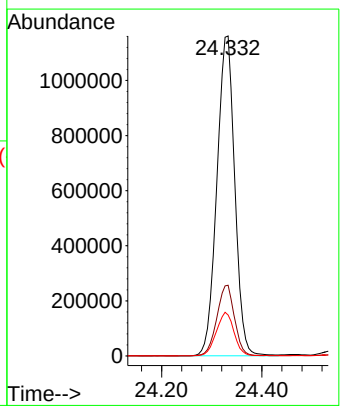


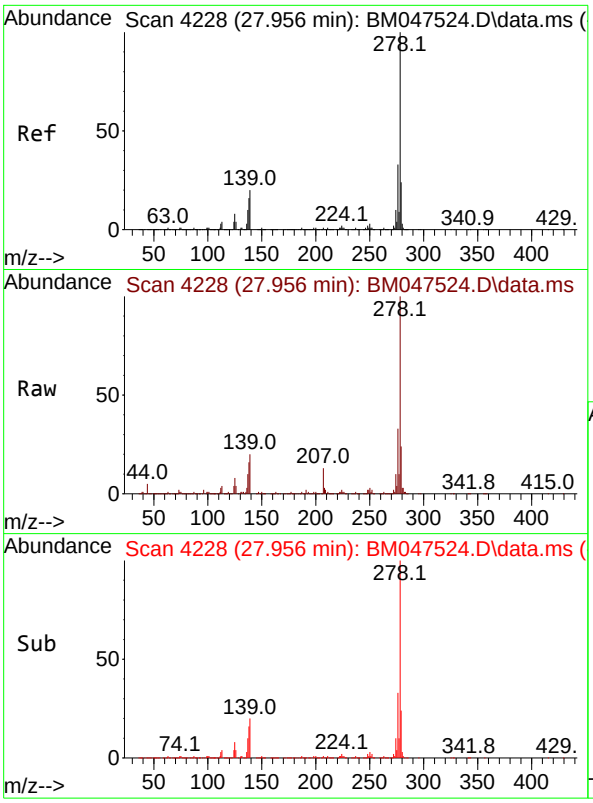


#90
Benzo(a)pyrene
Concen: 41.429 ng
RT: 24.332 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:252 Resp: 2875521

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.8	10.2	15.4

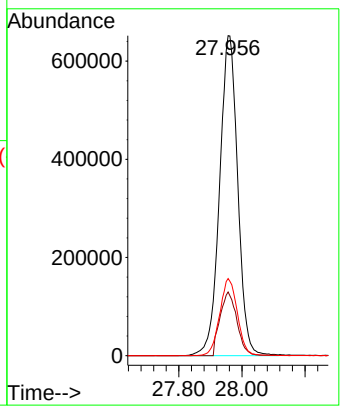




#91
Dibenzo(a,h)anthracene
Concen: 39.472 ng
RT: 27.956 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:278 Resp: 260127

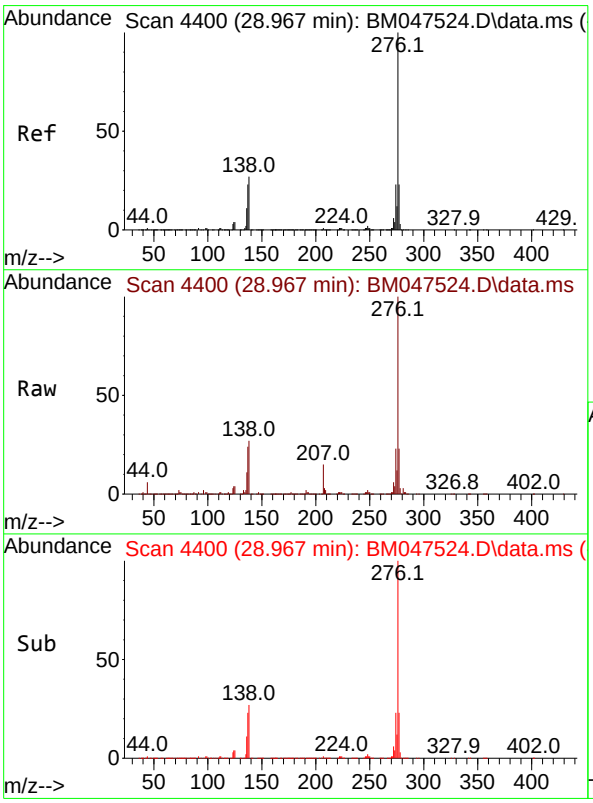
Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.9	23.9
279	24.1	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

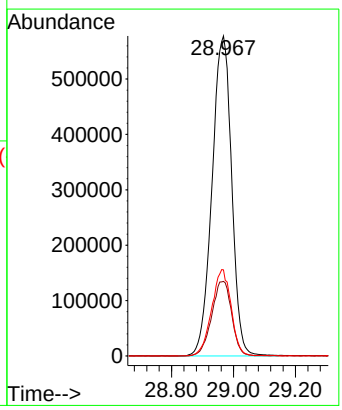
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92
Benzo(g,h,i)perylene
Concen: 39.380 ng
RT: 28.967 min Scan# 4400
Delta R.T. 0.000 min
Lab File: BM047524.D
Acq: 14 Sep 2024 14:35

Tgt Ion:276 Resp: 2535092

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	26.9	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047525.D
Acq On : 14 Sep 2024 15:14
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 08:49:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	390671	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1724946	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1013275	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1927087	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1661575	20.000	ng		0.00
86) Perylene-d12	24.468	264	1297327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2431799	99.110	ng		0.00
7) Phenol-d6	7.010	99	3533803	102.269	ng		0.00
23) Nitrobenzene-d5	9.010	82	3449817	100.090	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	1070883	109.339	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	7716038	104.898	ng		0.00
79) Terphenyl-d14	19.833	244	10292194	110.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	494117	47.017	ng		100
3) Pyridine	3.716	79	1522515m	48.683	ng		
4) n-Nitrosodimethylamine	3.628	42	700604	49.361	ng		99
6) Aniline	7.175	93	1526818	49.840	ng		98
8) 2-Chlorophenol	7.416	128	1343373	49.665	ng		99
9) Benzaldehyde	6.987	77	752916	45.825	ng		99
10) Phenol	7.040	94	1744000	50.407	ng		98
11) bis(2-Chloroethyl)ether	7.275	93	1364338	49.118	ng		99
12) 1,3-Dichlorobenzene	7.739	146	1432823	48.396	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1471785	48.807	ng		100
14) 1,2-Dichlorobenzene	8.204	146	1454714	49.019	ng		99
15) Benzyl Alcohol	8.087	79	1201740	51.344	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1903817	48.725	ng		99
17) 2-Methylphenol	8.287	107	1127230	51.000	ng		99
18) Hexachloroethane	8.939	117	589028	48.897	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	1203853	51.673	ng		98
20) 3+4-Methylphenols	8.616	107	1564378	50.725	ng		99
22) Acetophenone	8.669	105	2260781	49.852	ng	#	99
24) Nitrobenzene	9.045	77	1753123	49.499	ng		99
25) Isophorone	9.575	82	3063274	50.553	ng		100
26) 2-Nitrophenol	9.757	139	653650	54.160	ng		99
27) 2,4-Dimethylphenol	9.822	122	916681	50.105	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	1881906	49.443	ng		99
29) 2,4-Dichlorophenol	10.292	162	1205992	51.885	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	1316098	49.431	ng		99
31) Naphthalene	10.698	128	4651117	49.926	ng		100
32) Benzoic acid	9.969	122	890510	49.165	ng		100
33) 4-Chloroaniline	10.804	127	1696889	50.379	ng		99
34) Hexachlorobutadiene	10.992	225	727359	49.322	ng		99
35) Caprolactam	11.586	113	403073	52.645	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	1377067	51.697	ng		100
37) 2-Methylnaphthalene	12.310	142	3135943	50.577	ng		99
38) 1-Methylnaphthalene	12.527	142	3140091	50.961	ng		100
40) 1,2,4,5-Tetrachloroben...	12.674	216	1404023	51.207	ng		99
41) Hexachlorocyclopentadiene	12.663	237	459860	51.304	ng		97
43) 2,4,6-Trichlorophenol	12.910	196	906659	52.782	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047525.D
Acq On : 14 Sep 2024 15:14
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:49:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	1019629	52.552	ng	99
46) 1,1'-Biphenyl	13.321	154	4013259	50.905	ng	99
47) 2-Chloronaphthalene	13.357	162	3125991	51.065	ng	100
48) 2-Nitroaniline	13.551	65	962763	53.545	ng	99
49) Acenaphthylene	14.204	152	4539122	51.383	ng	100
50) Dimethylphthalate	13.945	163	3486930	50.489	ng	100
51) 2,6-Dinitrotoluene	14.051	165	760004	52.129	ng	99
52) Acenaphthene	14.545	154	3208580	51.838	ng	98
53) 3-Nitroaniline	14.374	138	859887	53.063	ng	96
54) 2,4-Dinitrophenol	14.580	184	341766	49.904	ng	94
55) Dibenzofuran	14.880	168	4414383	50.752	ng	100
56) 4-Nitrophenol	14.680	139	719745	53.975	ng	96
57) 2,4-Dinitrotoluene	14.833	165	1036584	53.310	ng	99
58) Fluorene	15.527	166	4160088	53.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	792620	52.397	ng	99
60) Diethylphthalate	15.304	149	3731359	50.766	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	1887920	52.727	ng	100
62) 4-Nitroaniline	15.539	138	1057003	55.490	ng	99
63) Azobenzene	15.815	77	4100103	50.661	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	465523	47.513	ng	91
66) n-Nitrosodiphenylamine	15.733	169	3050884	51.751	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	970005	51.803	ng	95
68) Hexachlorobenzene	16.527	284	1080606	50.942	ng	99
69) Atrazine	16.680	200	839707	51.534	ng	100
70) Pentachlorophenol	16.868	266	673070	54.737	ng	99
71) Phenanthrene	17.262	178	5449671	51.315	ng	100
72) Anthracene	17.351	178	5311241	52.053	ng	99
73) Carbazole	17.615	167	5228117	51.703	ng	100
74) Di-n-butylphthalate	18.186	149	6497317	53.702	ng	100
75) Fluoranthene	19.268	202	6149497	53.071	ng	100
77) Benzidine	19.445	184	1099341	46.978	ng	99
78) Pyrene	19.627	202	6496279	53.600	ng	99
80) Butylbenzylphthalate	20.527	149	2508902	53.774	ng	99
81) Benzo(a)anthracene	21.427	228	5503768	50.819	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1478863	51.333	ng	99
83) Chrysene	21.486	228	5192530	50.689	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	3935057	53.839	ng	98
85) Di-n-octyl phthalate	22.509	149	5438065	52.601	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	4016293	51.731	ng	99
88) Benzo(b)fluoranthene	23.515	252	4477877	53.347	ng	100
89) Benzo(k)fluoranthene	23.580	252	4380104	52.652	ng	99
90) Benzo(a)pyrene	24.333	252	3613289	52.521	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	3394181	51.962	ng	98
92) Benzo(g,h,i)perylene	28.968	276	3302500	51.757	ng	99

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

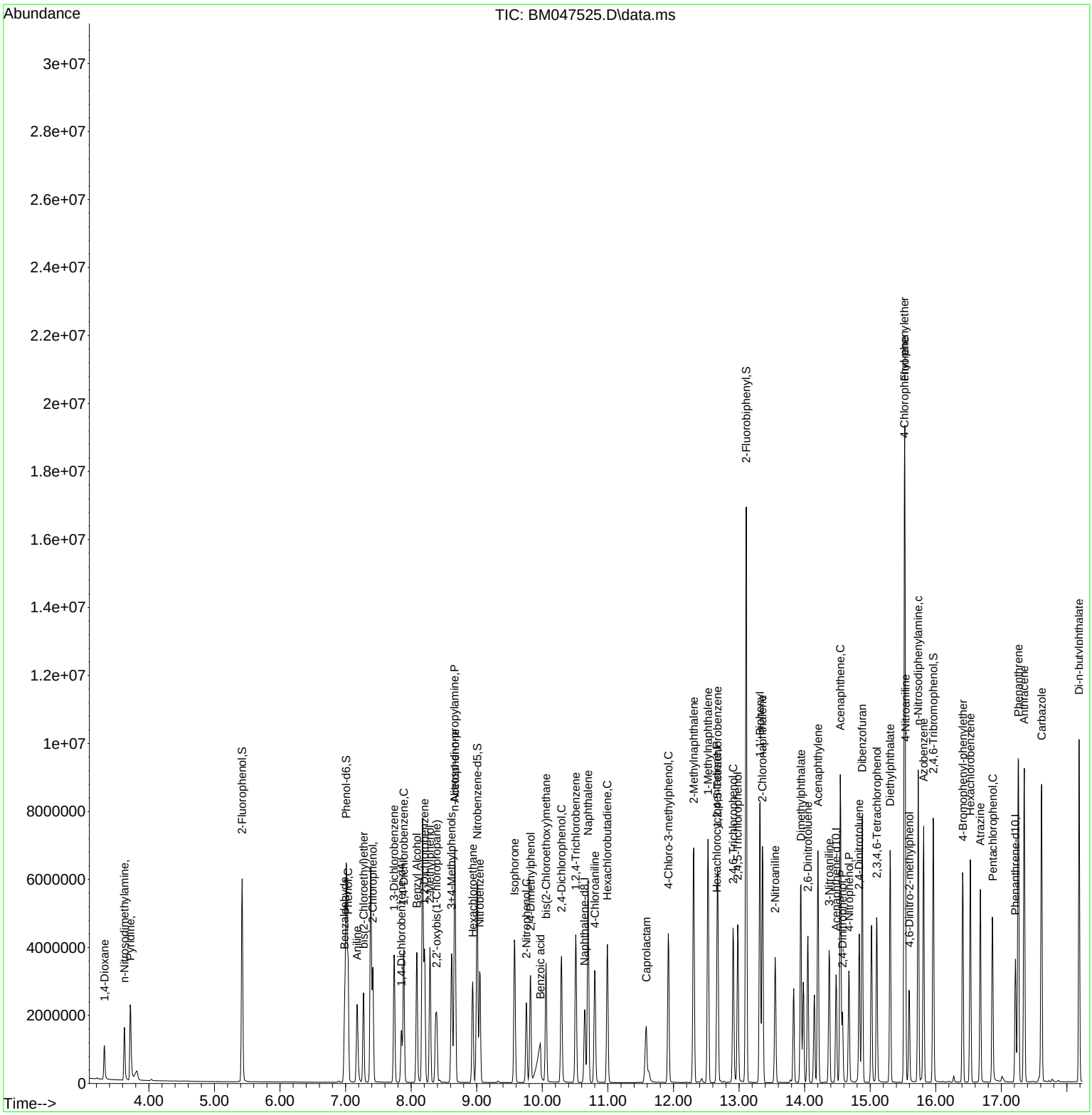
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Data File : BM047525.D
Acq On : 14 Sep 2024 15:14
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 08:49:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



ICAL Form

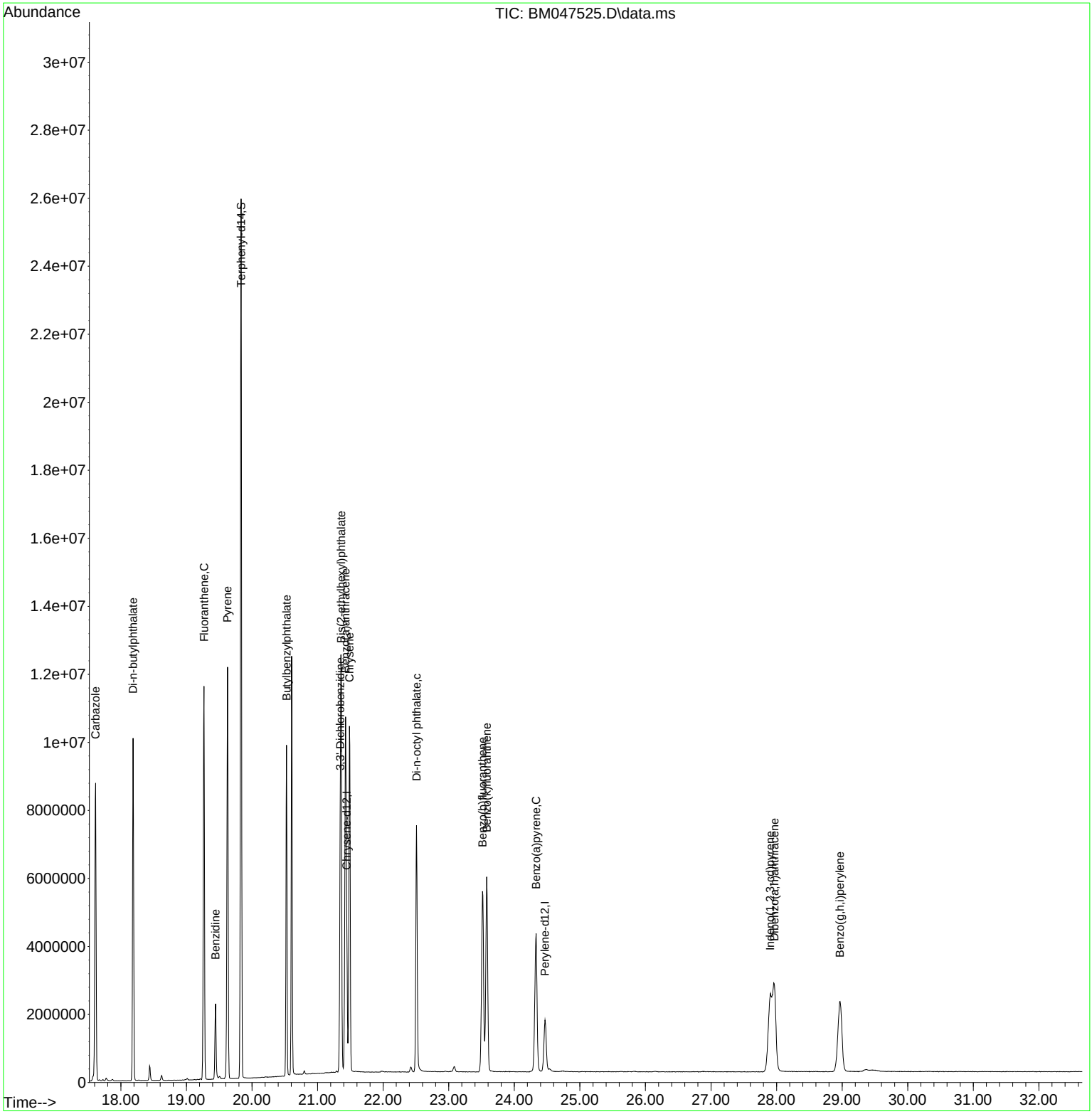
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Acq On : 14 Sep 2024 15:14
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

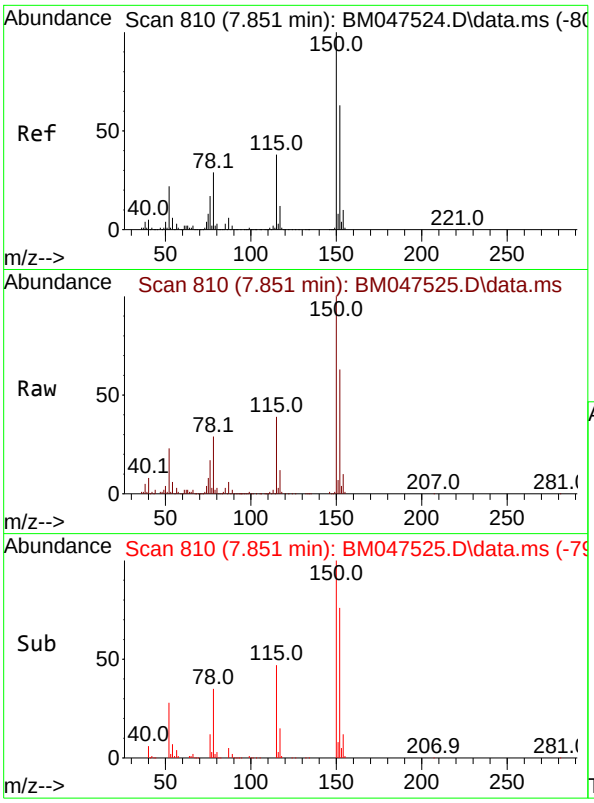
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 09/17/2024

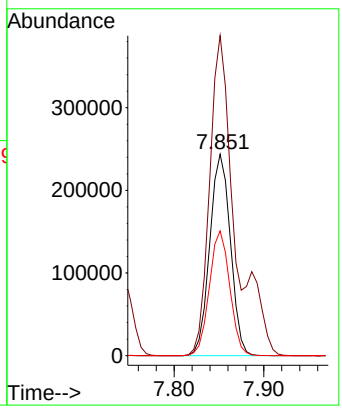




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:152 Resp: 39067

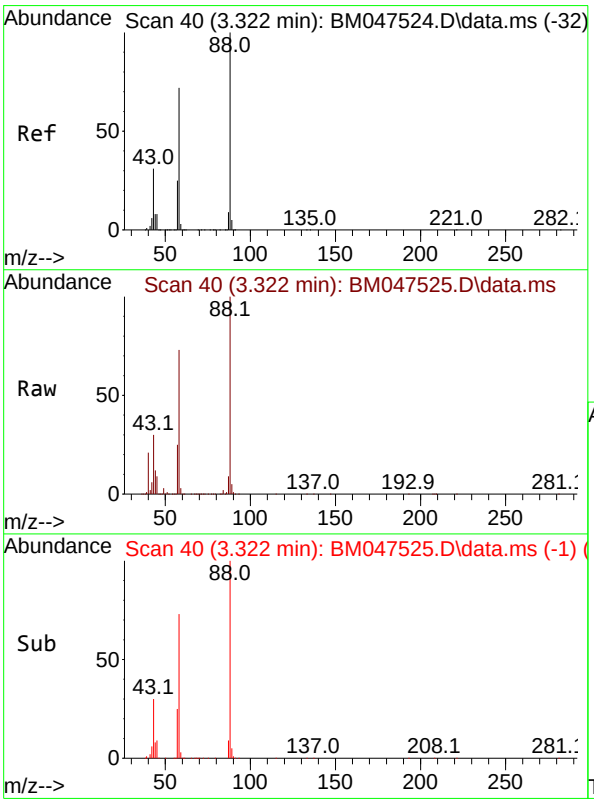
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.8	190.2
115	61.9	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

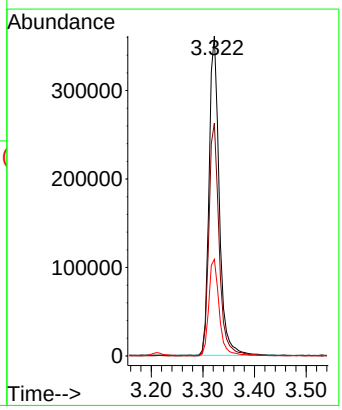
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

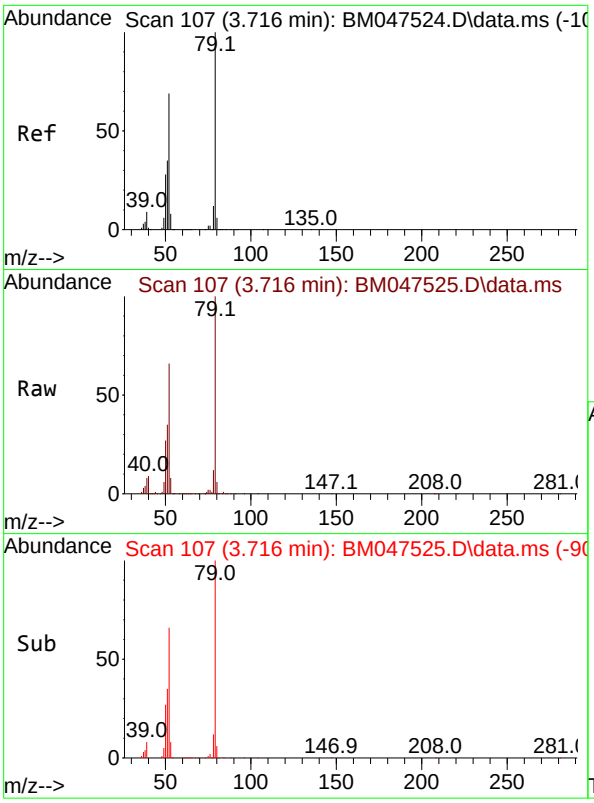


#2
1,4-Dioxane
Concen: 47.017 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 88 Resp: 494117

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.0	88.6
43	30.9	25.0	37.4

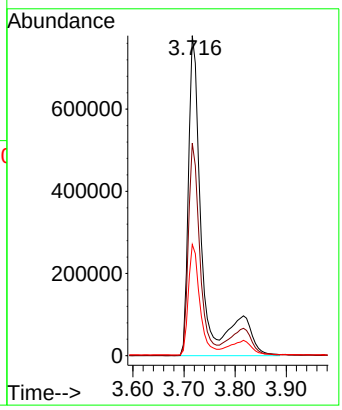




#3
Pyridine
Concen: 48.683 ng m
RT: 3.716 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 79 Resp: 152251

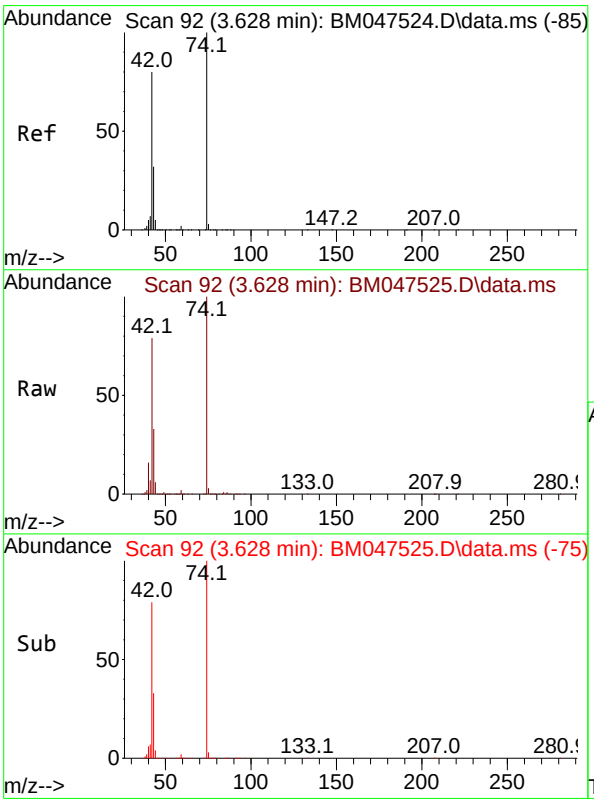
Ion	Ratio	Lower	Upper
79	100		
52	66.4	55.4	83.0
51	34.8	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

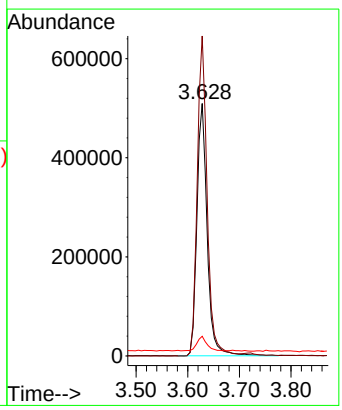
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

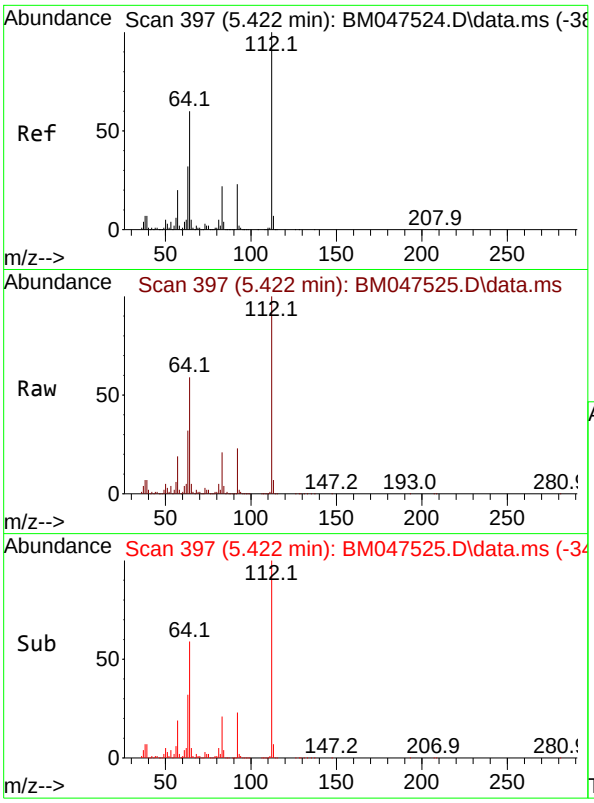


#4
n-Nitrosodimethylamine
Concen: 49.361 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 42 Resp: 700604

Ion	Ratio	Lower	Upper
42	100		
74	126.7	100.5	150.7
44	7.8	6.9	10.3

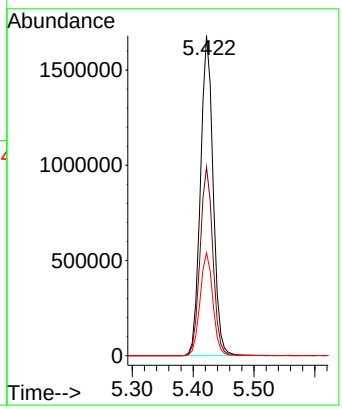




#5
2-Fluorophenol
Concen: 99.110 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:112 Resp: 243179

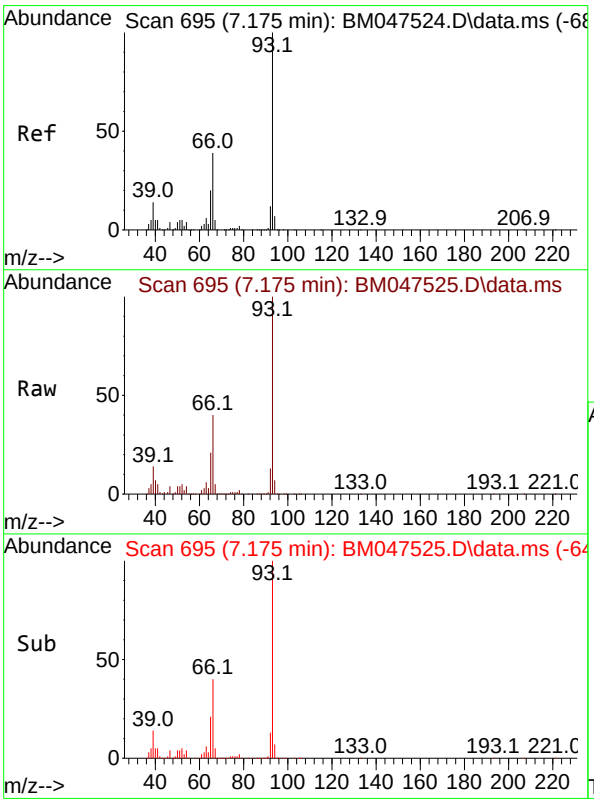
Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.2	72.4
63	32.1	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

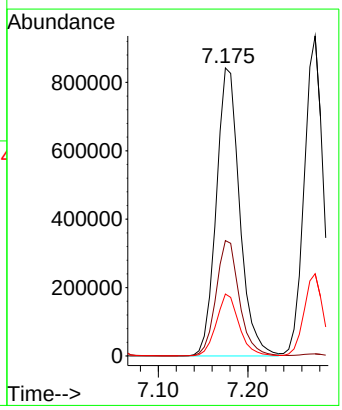
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

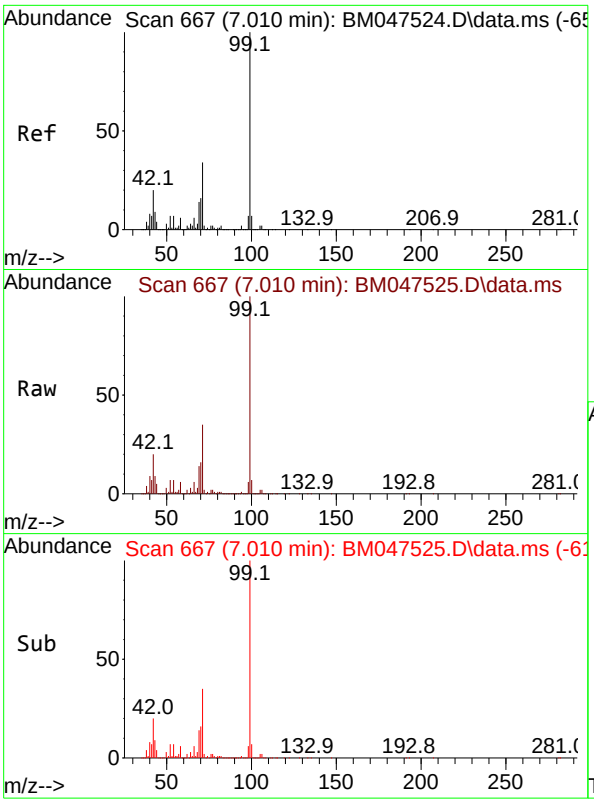


#6
Aniline
Concen: 49.840 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 93 Resp: 1526818

Ion	Ratio	Lower	Upper
93	100		
66	40.0	31.4	47.0
65	21.5	16.3	24.5

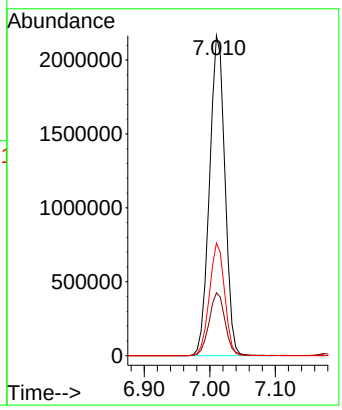




#7
Phenol-d6
Concen: 102.269 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 99 Resp: 353380

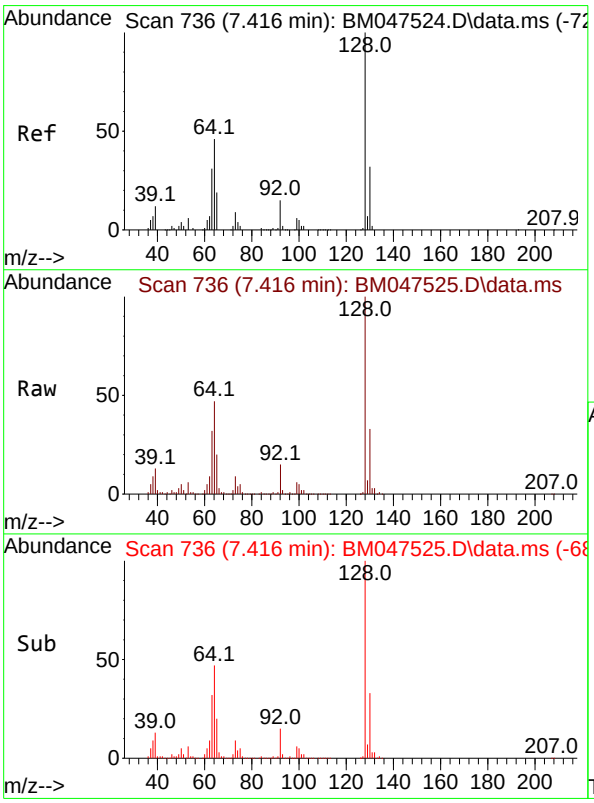
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.8
71	35.2	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

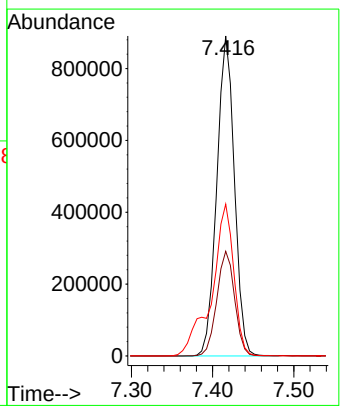
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

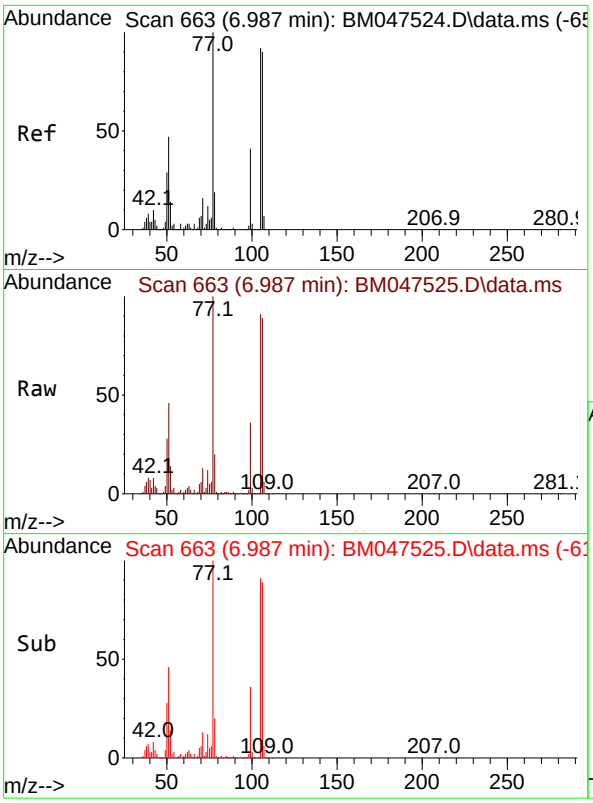


#8
2-Chlorophenol
Concen: 49.665 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:128 Resp: 1343373

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.8	51.8
64	47.4	27.6	67.6

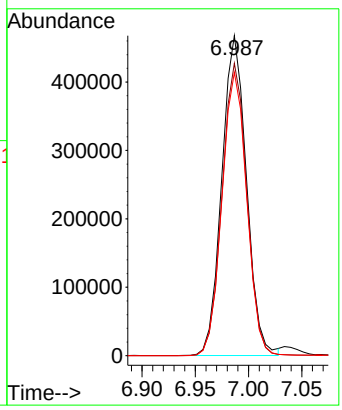




#9
Benzaldehyde
Concen: 45.825 ng
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 77 Resp: 75291

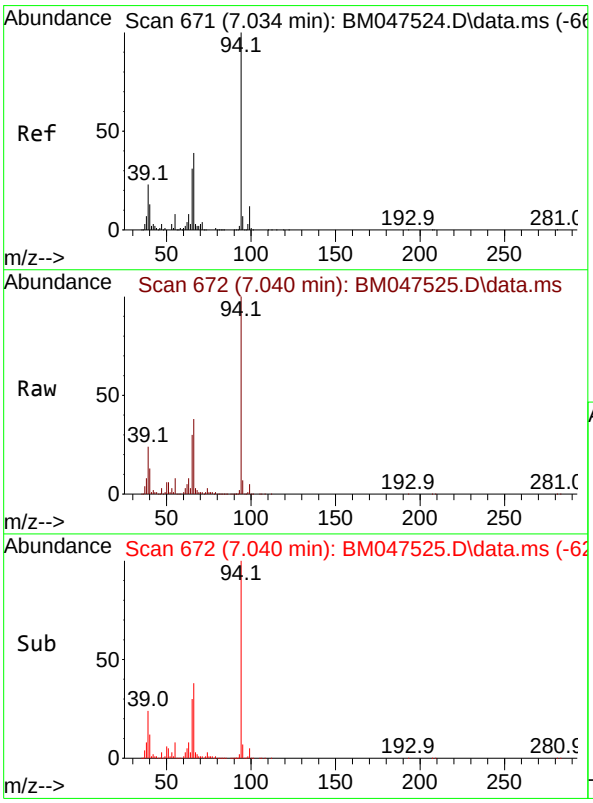
Ion	Ratio	Lower	Upper
77	100		
105	91.3	71.8	111.8
106	88.5	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

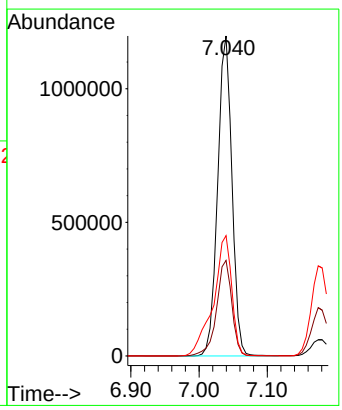
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

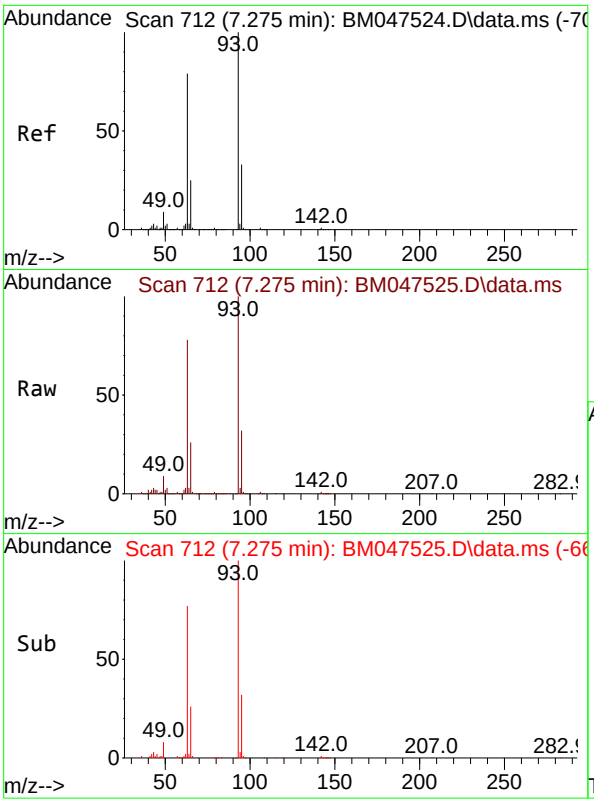


#10
Phenol
Concen: 50.407 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 94 Resp: 1744000

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.8	50.8
66	37.6	19.2	59.2

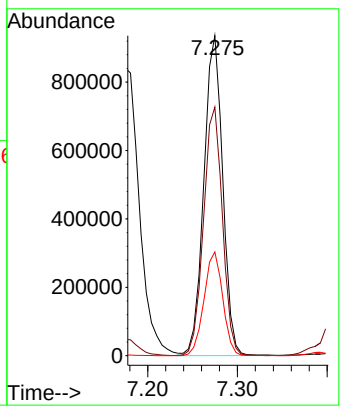




#11
bis(2-Chloroethyl)ether
Concen: 49.118 ng
RT: 7.275 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 93 Resp: 136433

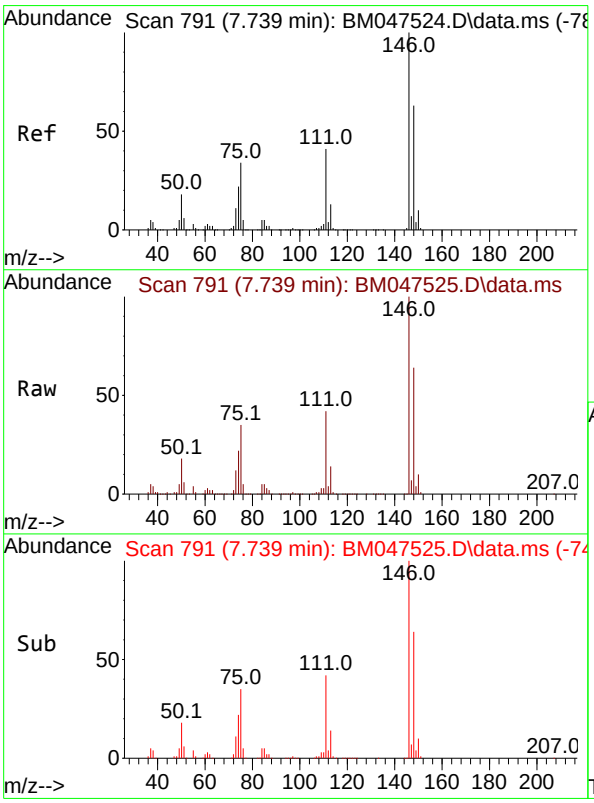
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.2	98.2
95	32.4	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

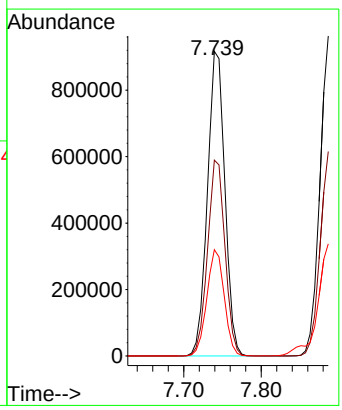
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

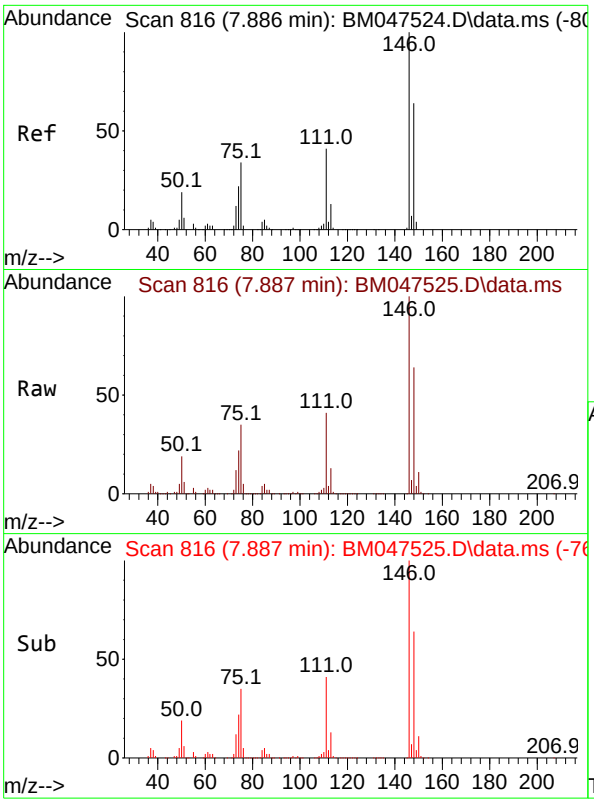


#12
1,3-Dichlorobenzene
Concen: 48.396 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:146 Resp: 1432823

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	34.9	27.4	41.0

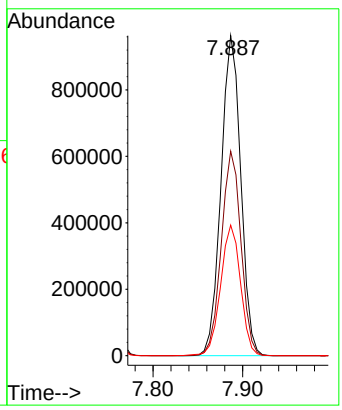




#13
1,4-Dichlorobenzene
Concen: 48.807 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:146 Resp: 147178

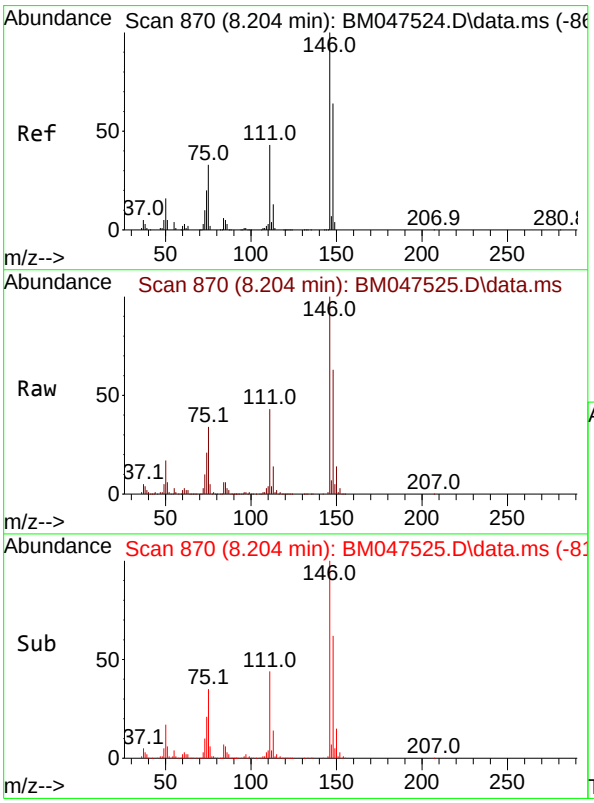
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
111	40.8	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

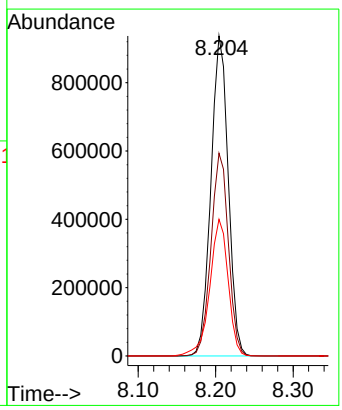
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

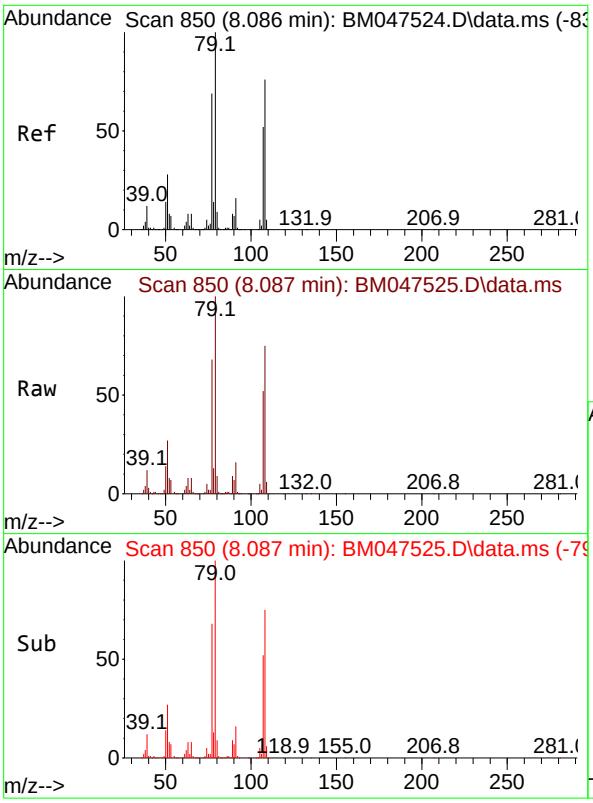


#14
1,2-Dichlorobenzene
Concen: 49.019 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:146 Resp: 1454714

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	42.7	34.7	52.1

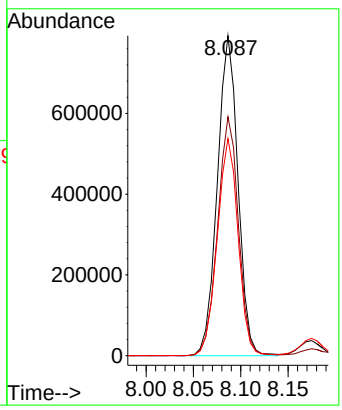




#15
Benzyl Alcohol
Concen: 51.344 ng
RT: 8.087 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 79 Resp: 120174

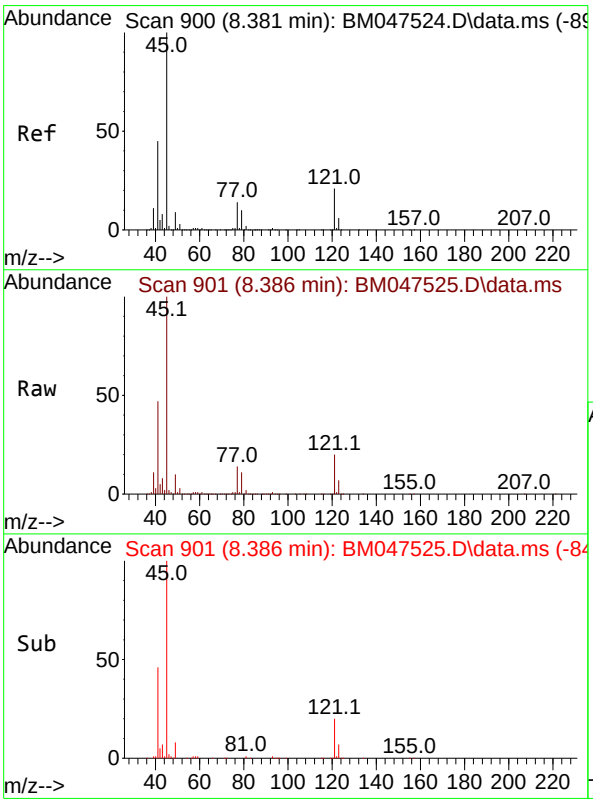
Ion	Ratio	Lower	Upper
79	100		
108	74.7	60.6	91.0
77	67.8	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

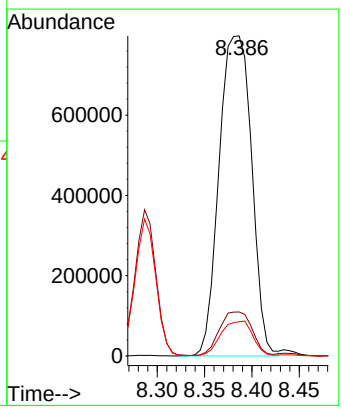
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

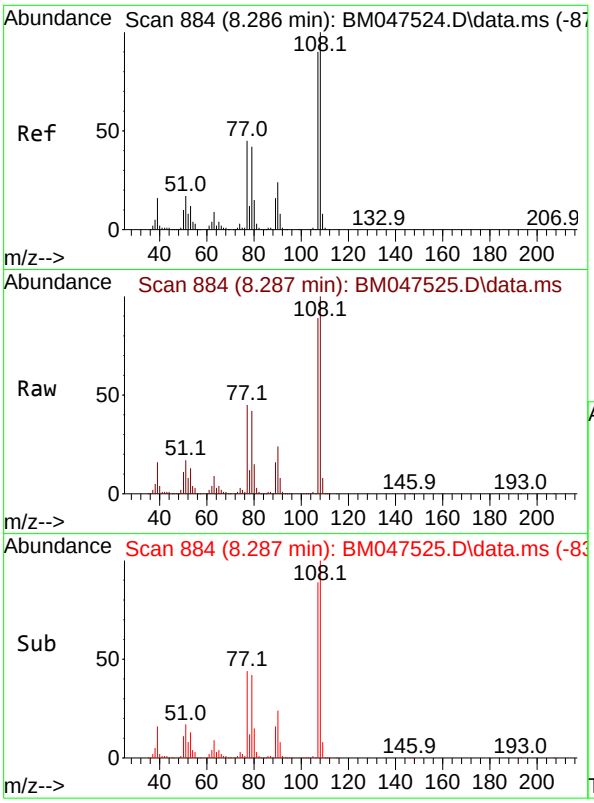


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.725 ng
RT: 8.386 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 45 Resp: 1903817

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.7
79	10.7	0.0	30.3

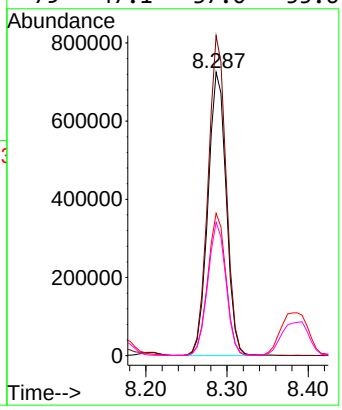




#17
2-Methylphenol
Concen: 51.000 ng
RT: 8.287 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:107 Resp: 112723

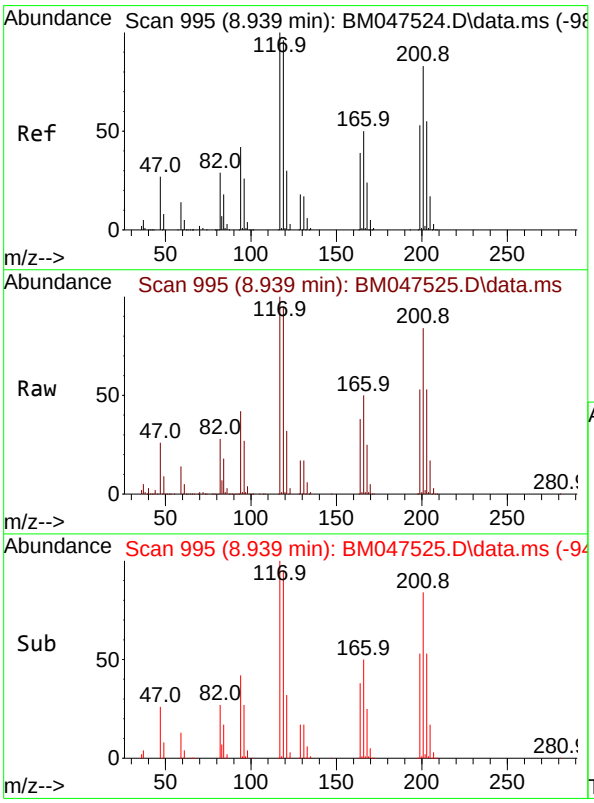
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.9	133.3
77	50.3	39.8	59.8
79	47.1	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

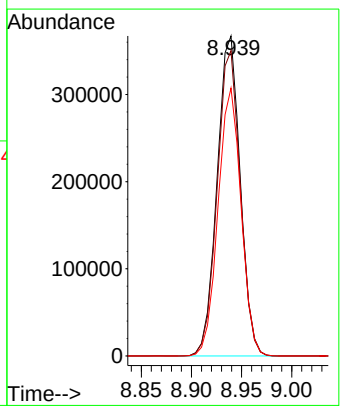
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

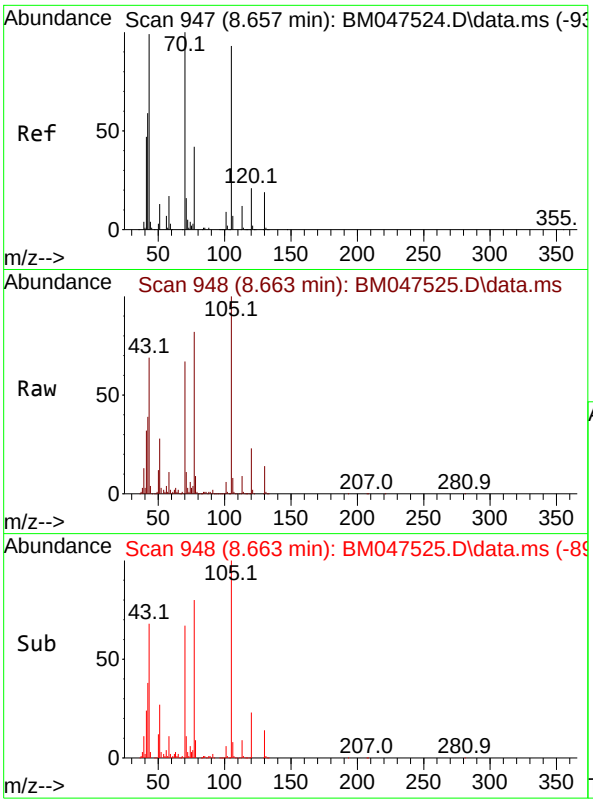


#18
Hexachloroethane
Concen: 48.897 ng
RT: 8.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:117 Resp: 589028

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	83.7	66.8	100.2

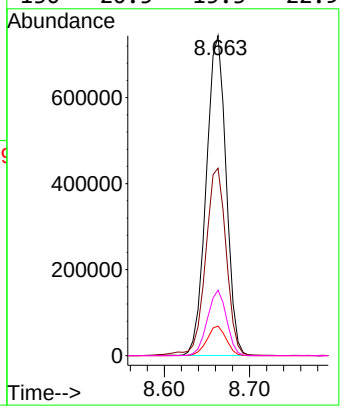




#19
n-Nitroso-di-n-propylamine
Concen: 51.673 ng
RT: 8.663 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 70 Resp: 120385

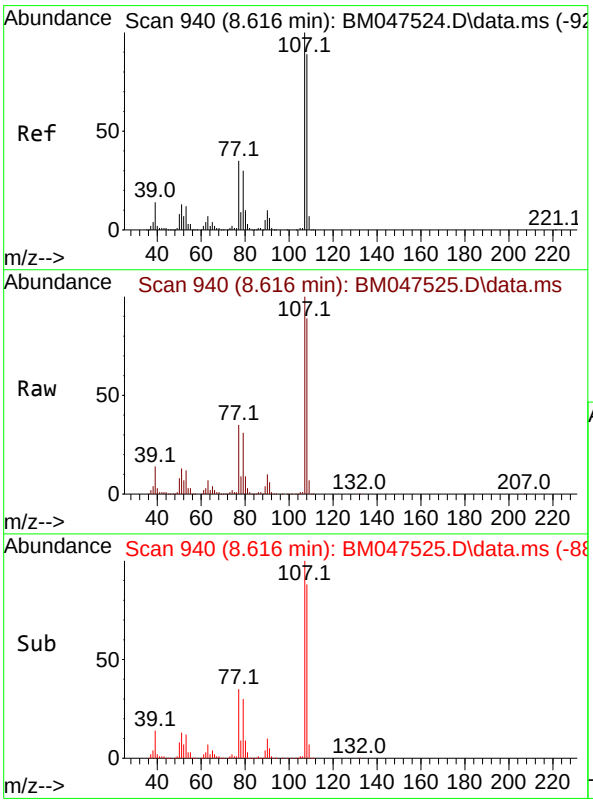
Ion	Ratio	Lower	Upper
70	100		
42	58.6	48.2	72.2
101	9.3	7.0	10.4
130	20.5	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

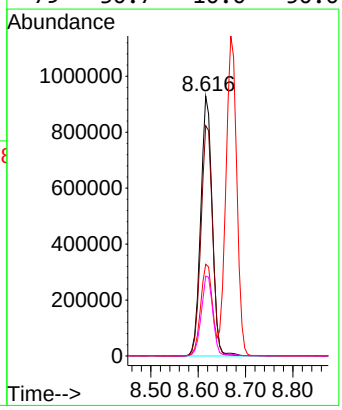
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

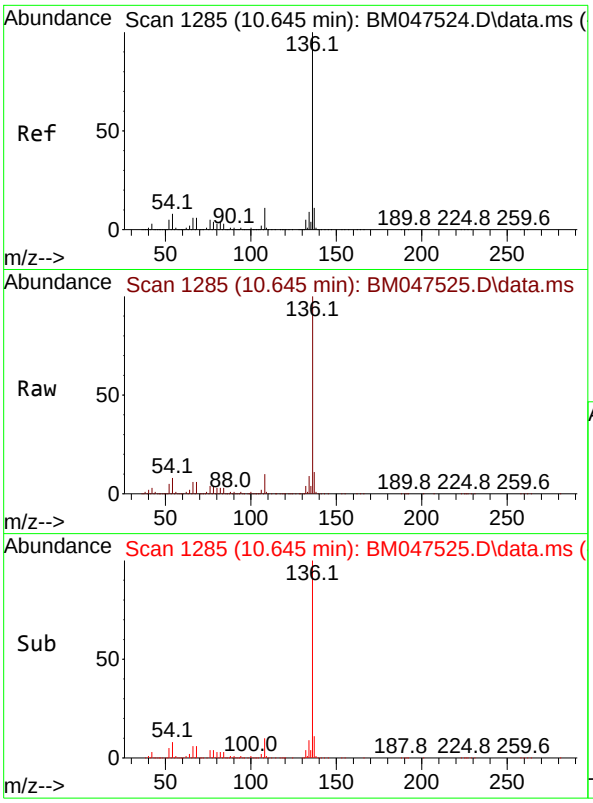


#20
3+4-Methylphenols
Concen: 50.725 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:107 Resp: 1564378

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.9	108.9
77	35.3	15.5	55.5
79	30.7	10.0	50.0

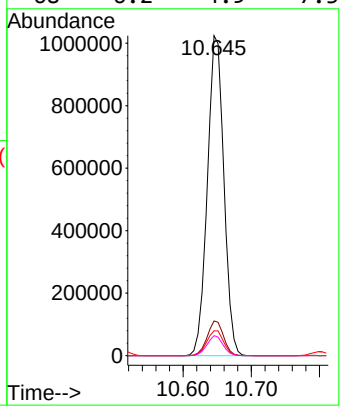




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:136 Resp: 172494

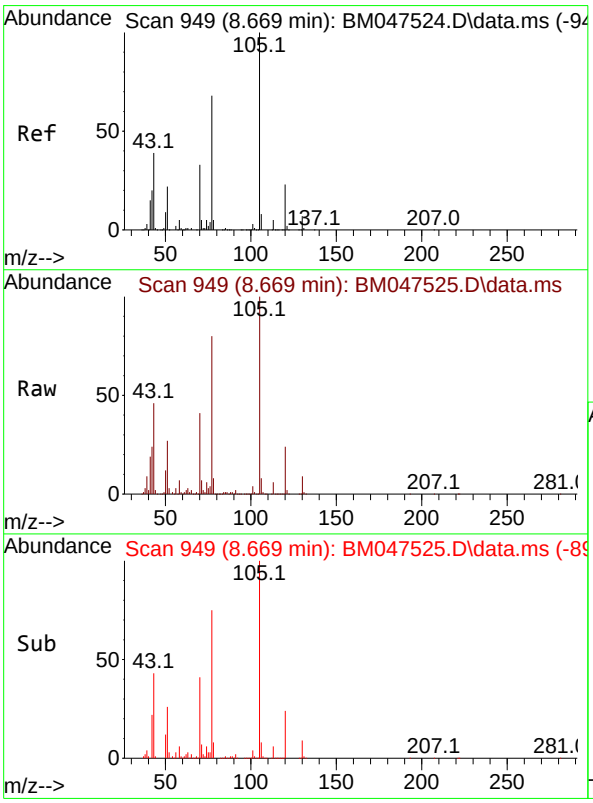
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.7	6.6	9.8
68	6.2	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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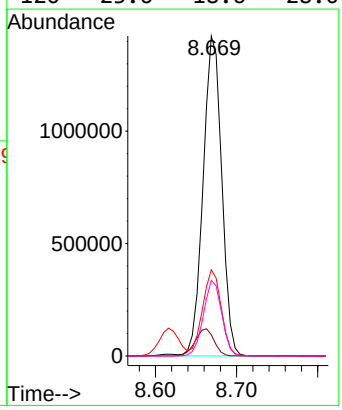
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

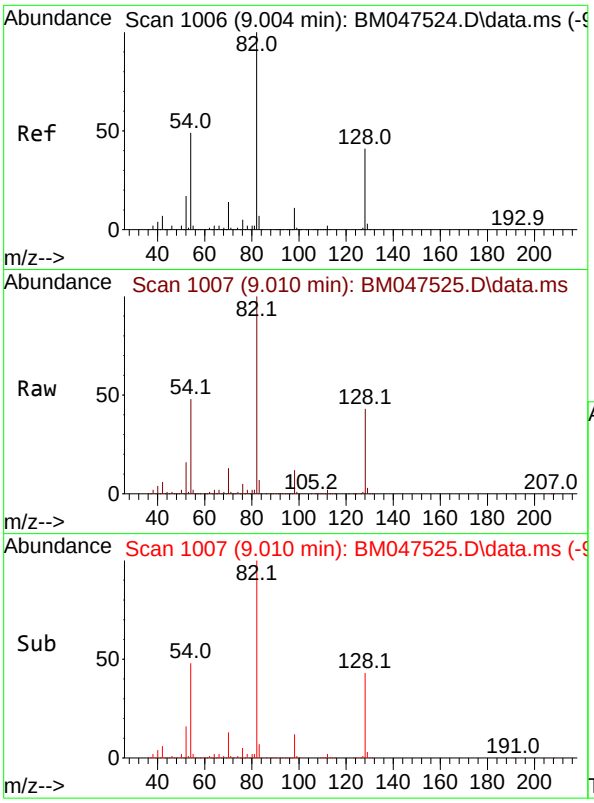


#22
Acetophenone
Concen: 49.852 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:105 Resp: 2260781

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.3	6.5#
51	27.0	21.5	32.3
120	23.6	18.6	28.0

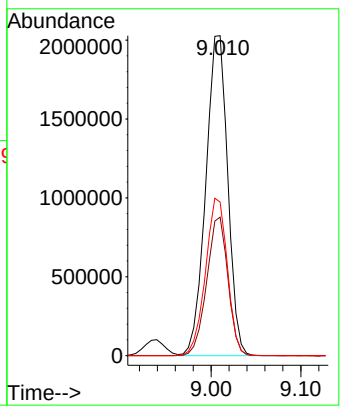




#23
Nitrobenzene-d5
Concen: 100.090 ng
RT: 9.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 82 Resp: 344981

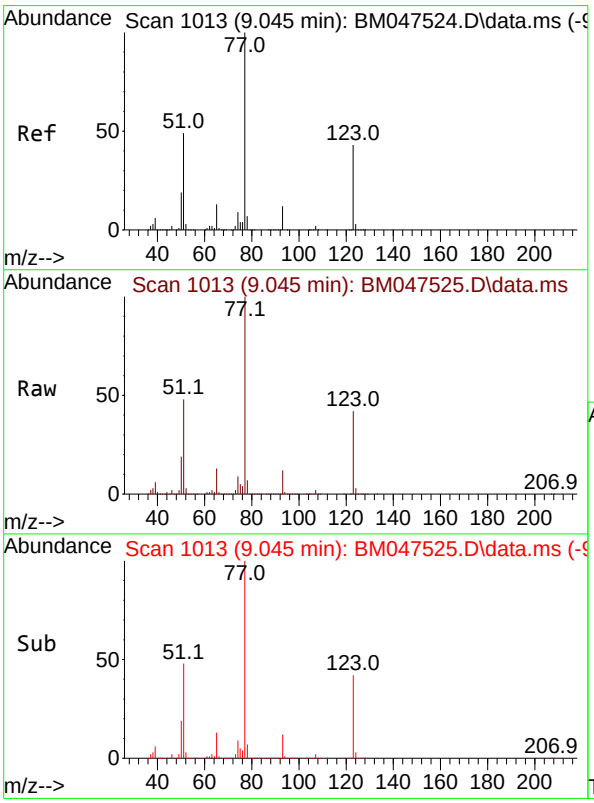
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	48.0	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

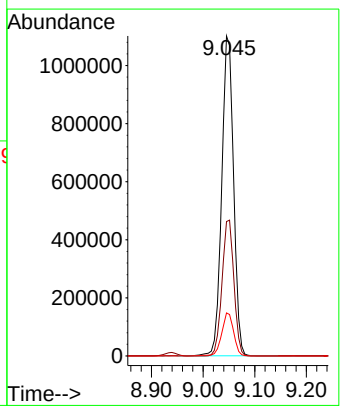
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

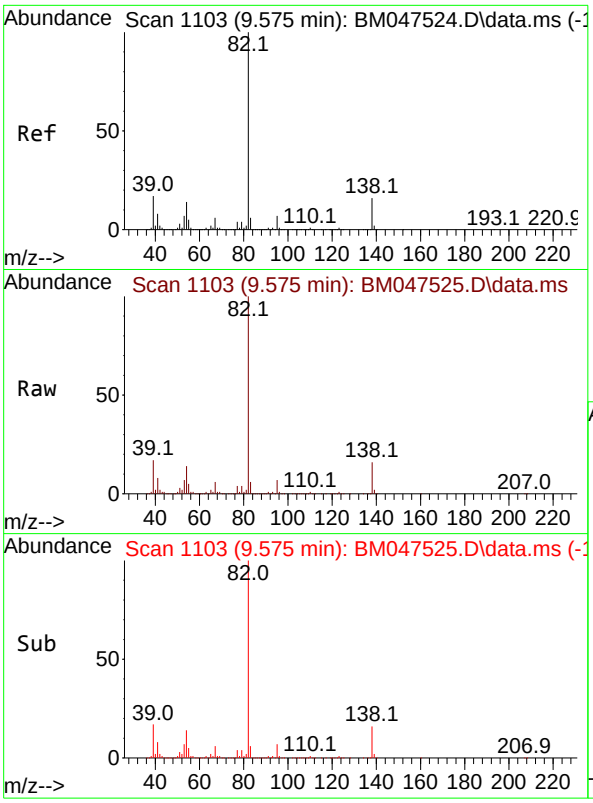


#24
Nitrobenzene
Concen: 49.499 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 77 Resp: 1753123

Ion	Ratio	Lower	Upper
77	100		
123	42.0	34.5	51.7
65	13.4	10.7	16.1

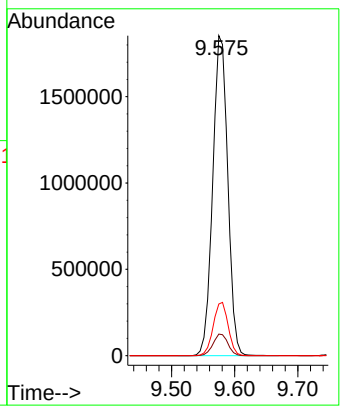




#25
Isophorone
Concen: 50.553 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 82 Resp: 306327

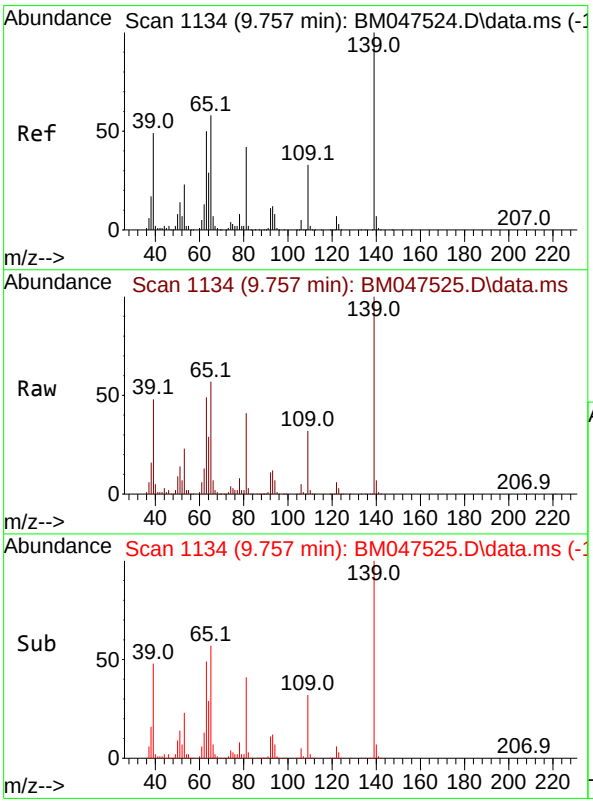
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.1	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

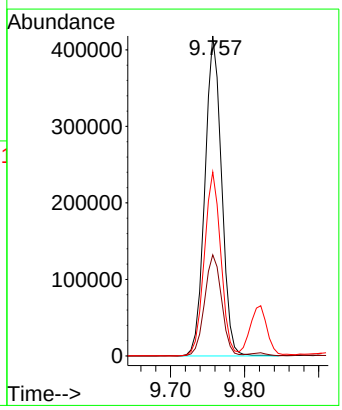
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

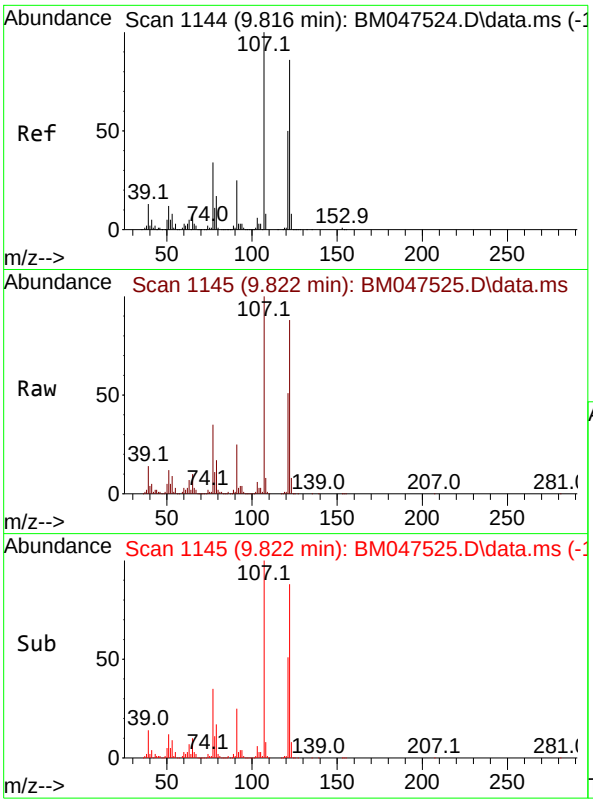


#26
2-Nitrophenol
Concen: 54.160 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:139 Resp: 653650

Ion	Ratio	Lower	Upper
139	100		
109	31.6	26.0	39.0
65	57.5	46.2	69.4

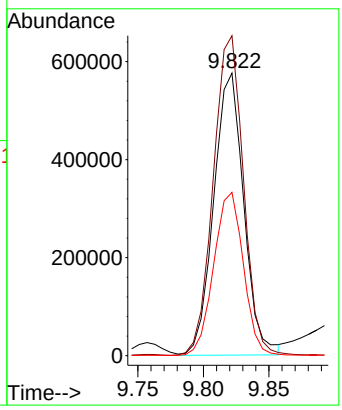




#27
2,4-Dimethylphenol
Concen: 50.105 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:122 Resp: 91668

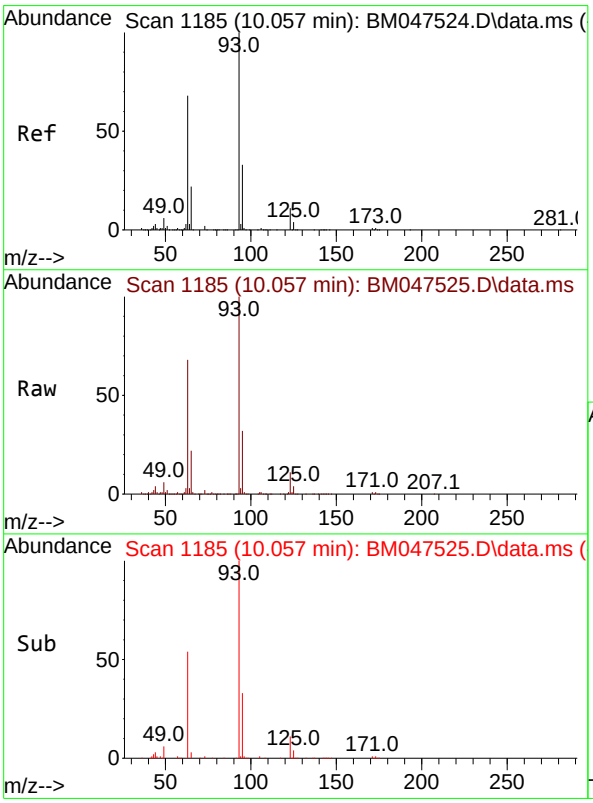
Ion	Ratio	Lower	Upper
122	100		
107	113.2	92.4	138.6
121	57.8	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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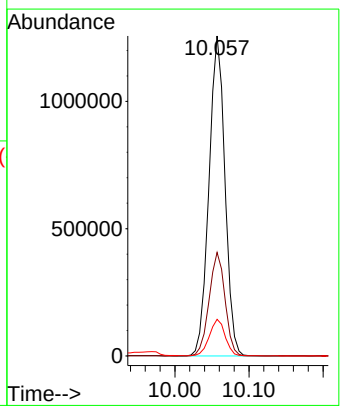
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

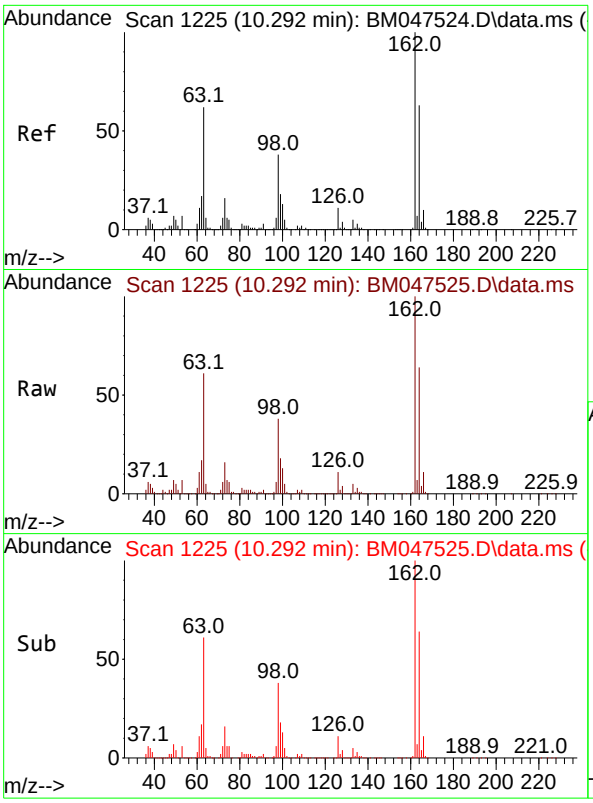


#28
bis(2-Chloroethoxy)methane
Concen: 49.443 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 93 Resp: 1881906

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.4	9.2	13.8

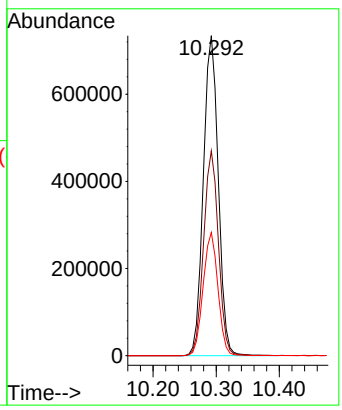




#29
2,4-Dichlorophenol
Concen: 51.885 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:162 Resp: 120599

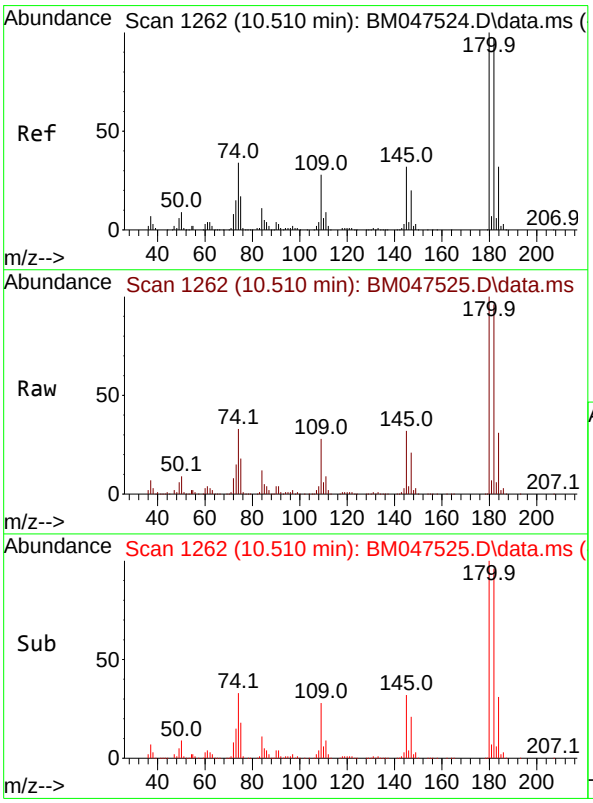
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	38.5	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

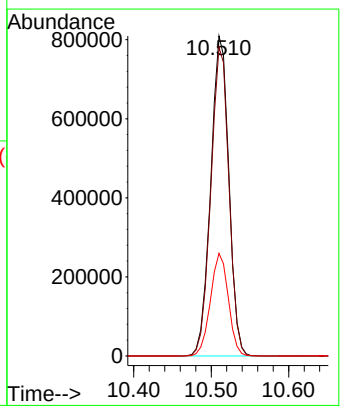
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

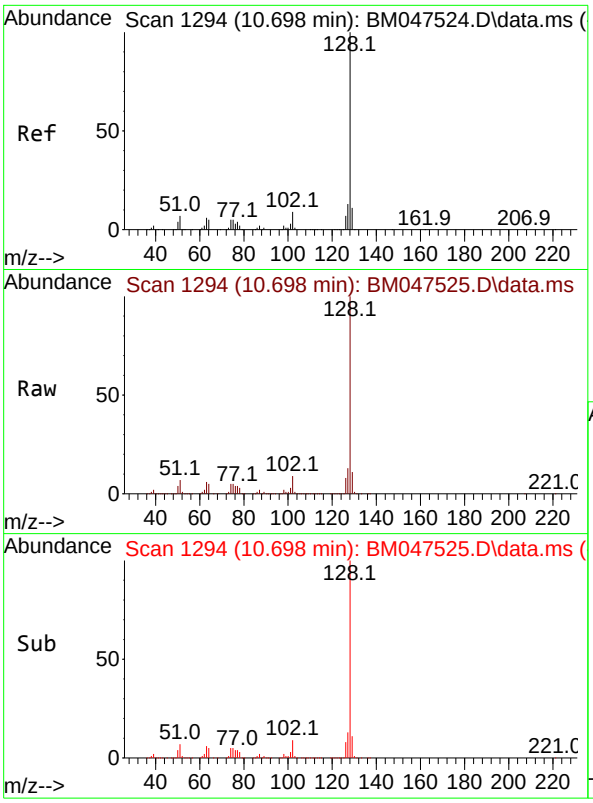


#30
1,2,4-Trichlorobenzene
Concen: 49.431 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:180 Resp: 1316098

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.6	116.4
145	32.1	25.4	38.0

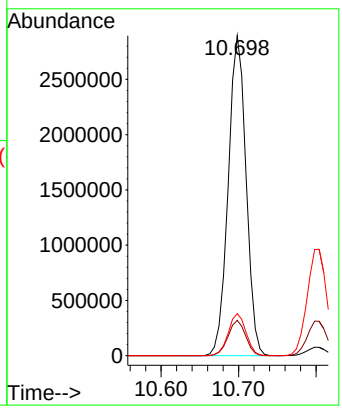




#31
Naphthalene
Concen: 49.926 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:128 Resp: 465111

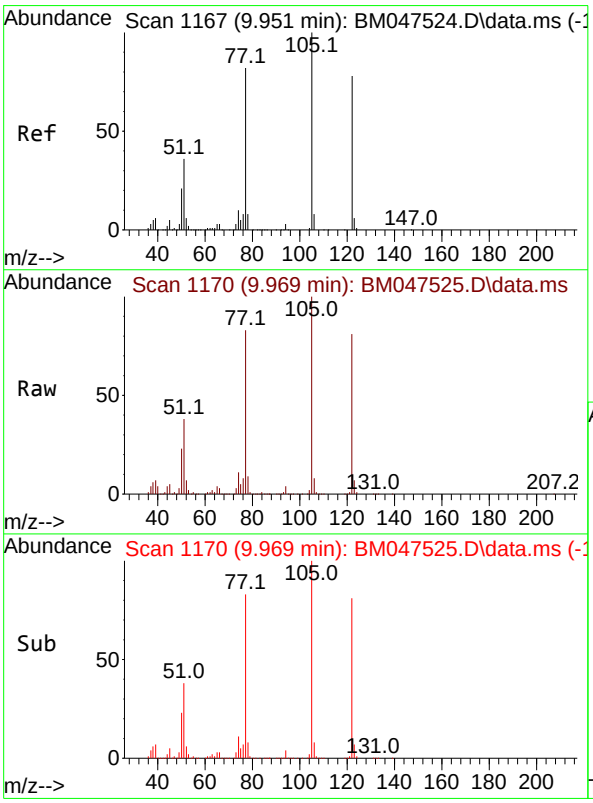
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

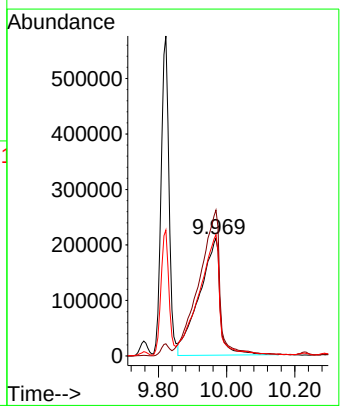
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

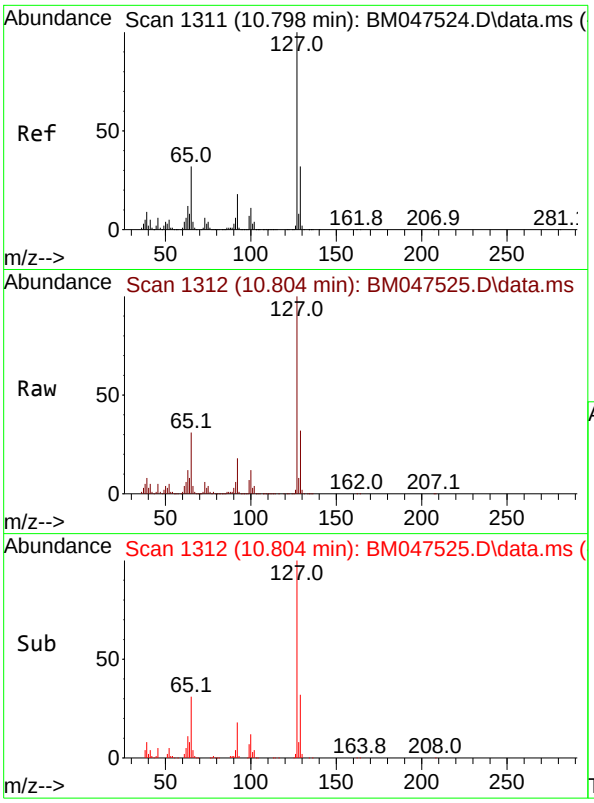


#32
Benzoic acid
Concen: 49.165 ng
RT: 9.969 min Scan# 1170
Delta R.T. 0.018 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:122 Resp: 890510

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.7	144.7
77	103.2	83.4	123.4

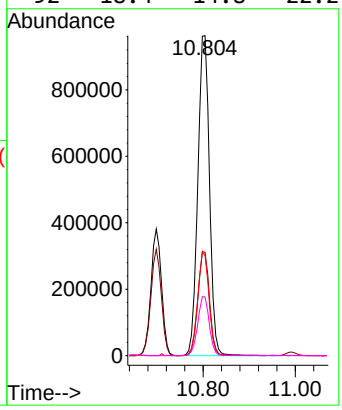




#33
4-Chloroaniline
Concen: 50.379 ng
RT: 10.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:127 Resp: 169688

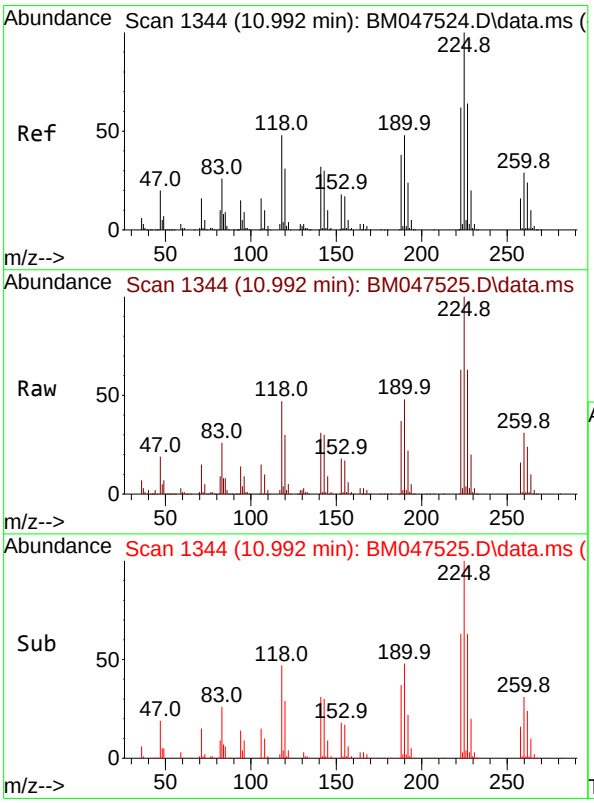
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	31.2	25.5	38.3
92	18.4	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

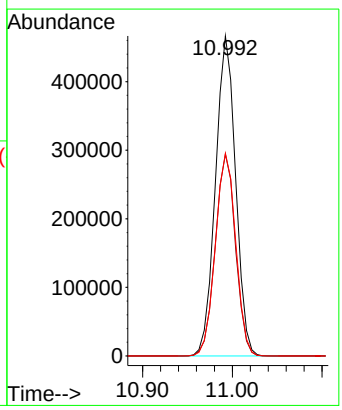
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

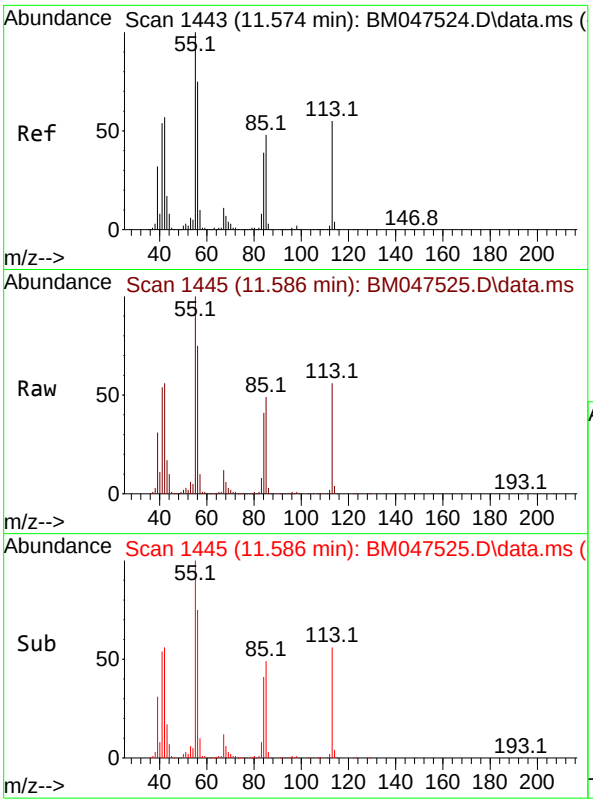


#34
Hexachlorobutadiene
Concen: 49.322 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:225 Resp: 727359

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.3	51.0	76.4

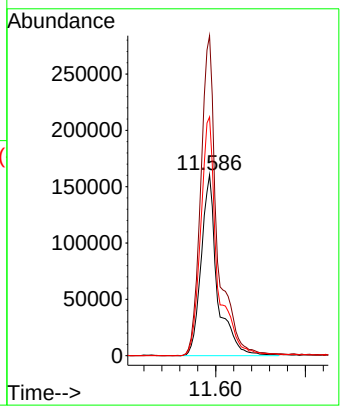




#35
Caprolactam
Concen: 52.645 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.012 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:113 Resp: 40307

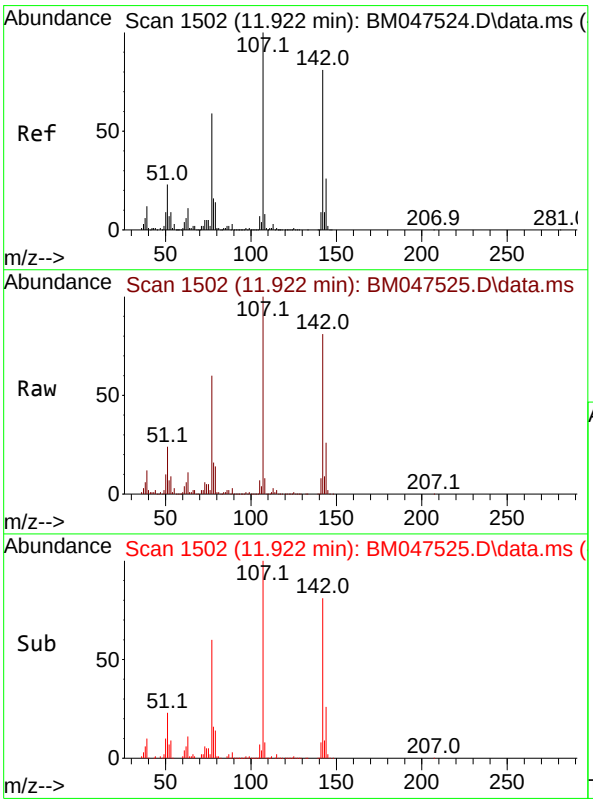
Ion	Ratio	Lower	Upper
113	100		
55	177.0	162.5	202.5
56	132.0	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

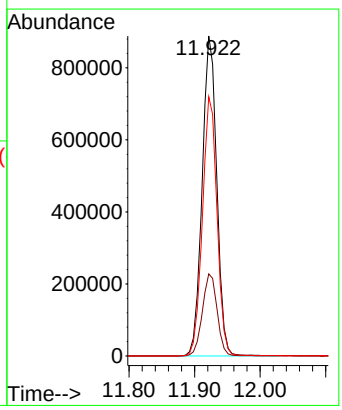
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

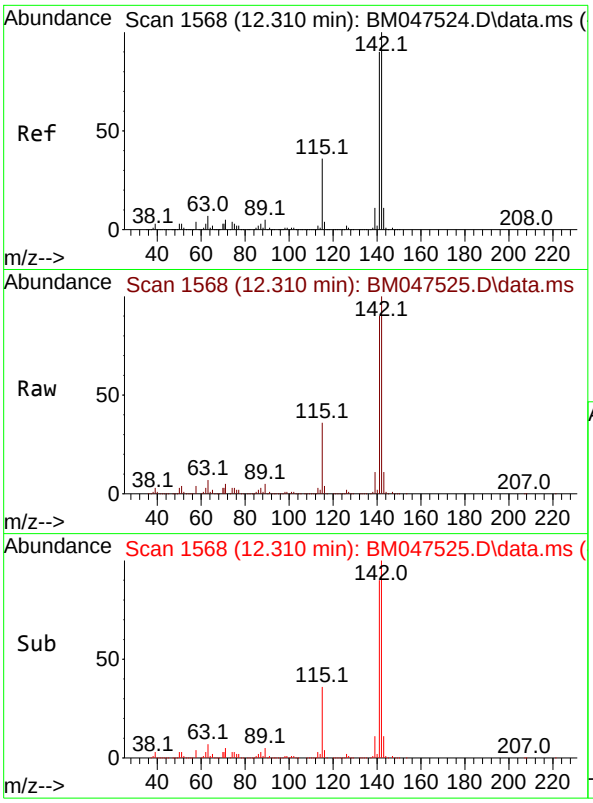


#36
4-Chloro-3-methylphenol
Concen: 51.697 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:107 Resp: 1377067

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	81.0	65.0	97.4

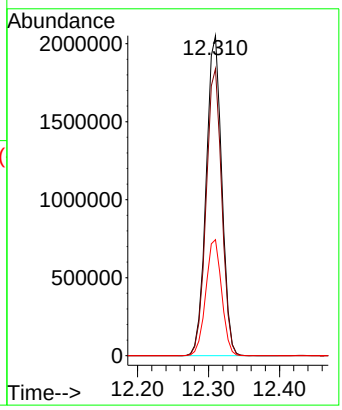




#37
2-Methylnaphthalene
Concen: 50.577 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:142 Resp: 313594

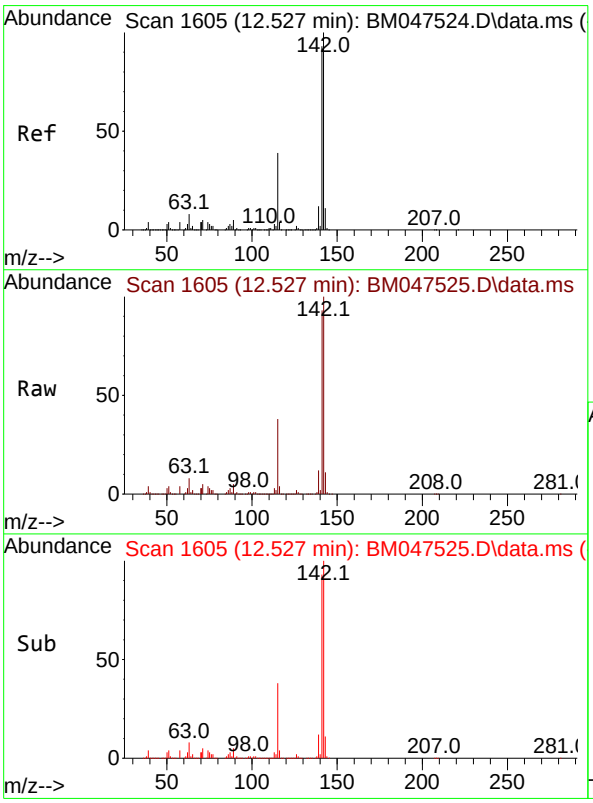
Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.4
115	36.2	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

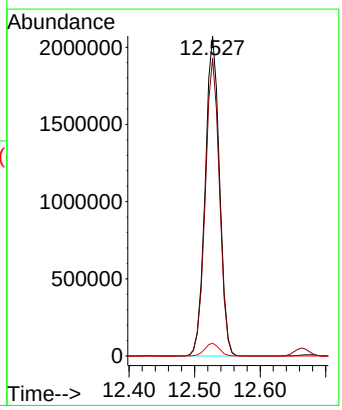
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

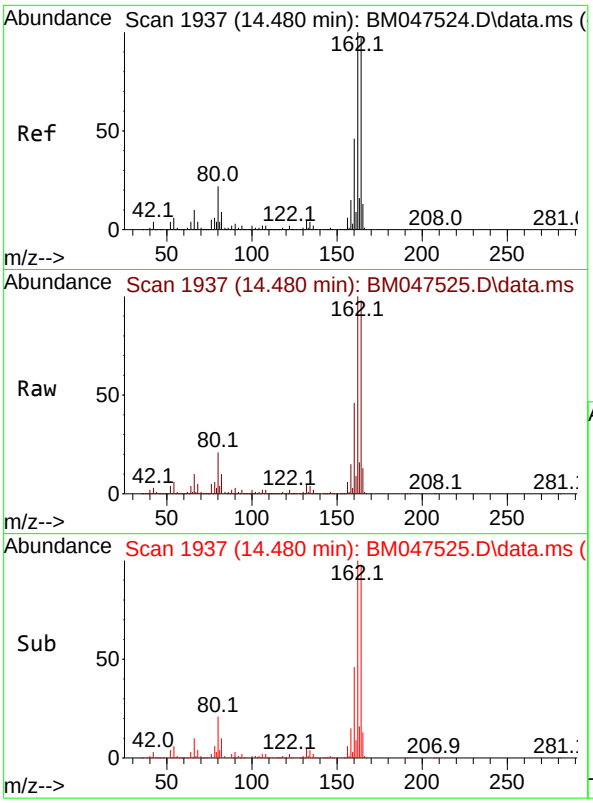


#38
1-Methylnaphthalene
Concen: 50.961 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:142 Resp: 3140091

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	4.0	3.2	4.8

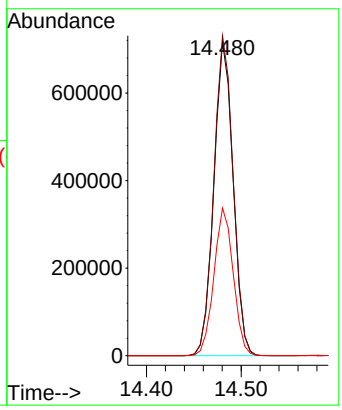




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:164 Resp: 101327

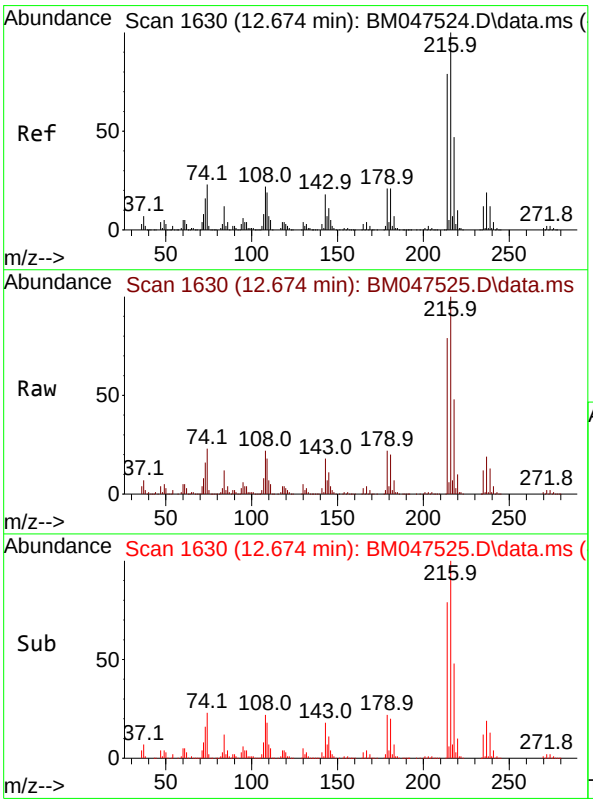
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	47.0	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

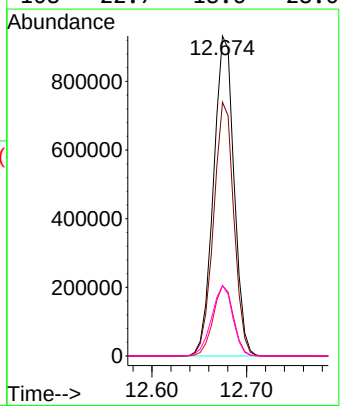
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

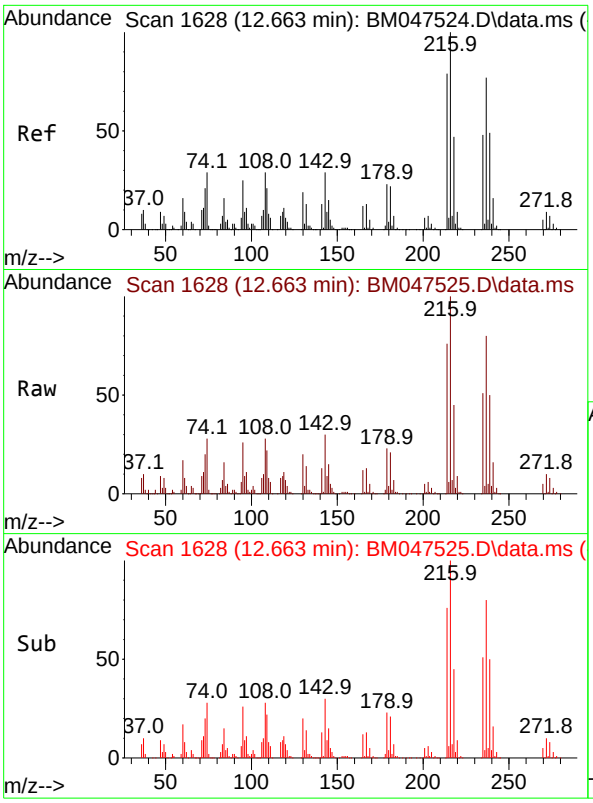


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.207 ng
RT: 12.674 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:216 Resp: 1404023

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.6
179	21.7	17.5	26.3
108	22.7	18.6	28.0

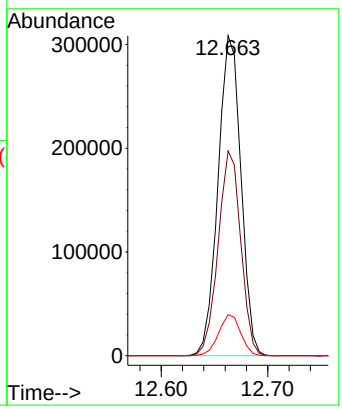




#41
Hexachlorocyclopentadiene
Concen: 51.304 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:237 Resp: 45986

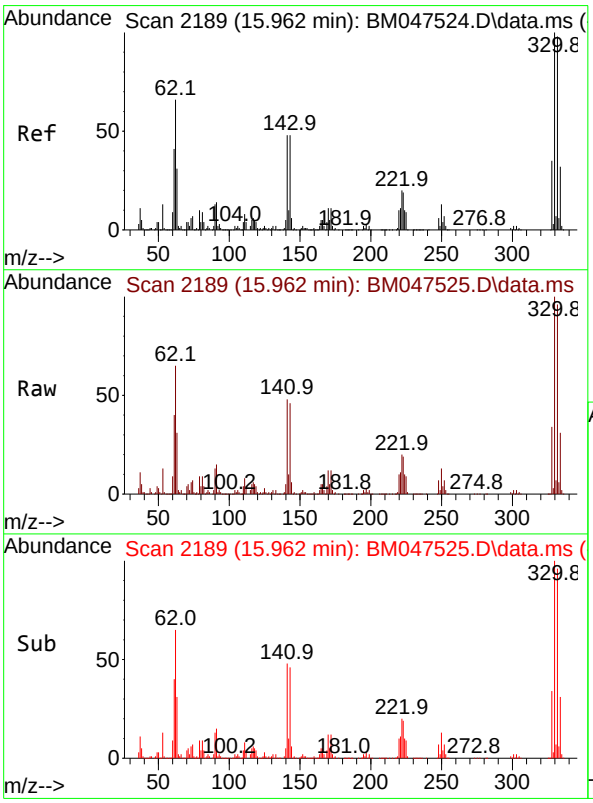
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	12.8	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

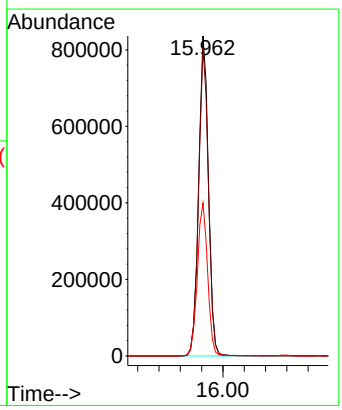
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

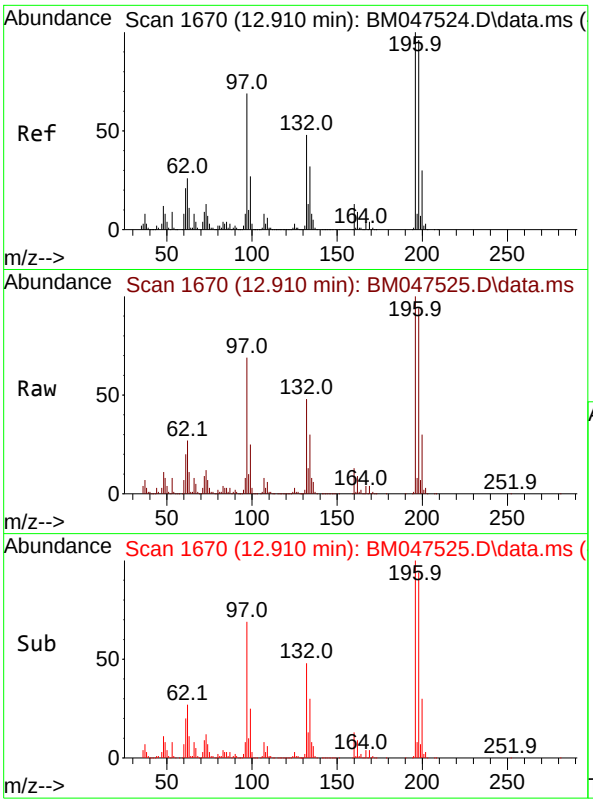


#42
2,4,6-Tribromophenol
Concen: 109.339 ng
RT: 15.962 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:330 Resp: 1070883

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	50.2	42.2	63.2

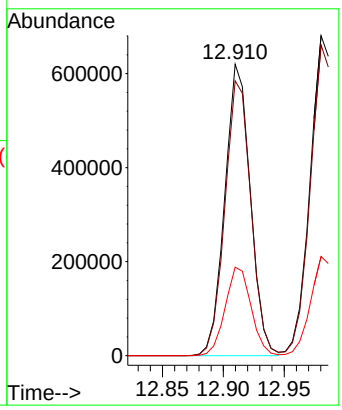




#43
2,4,6-Trichlorophenol
Concen: 52.782 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:196 Resp: 90665

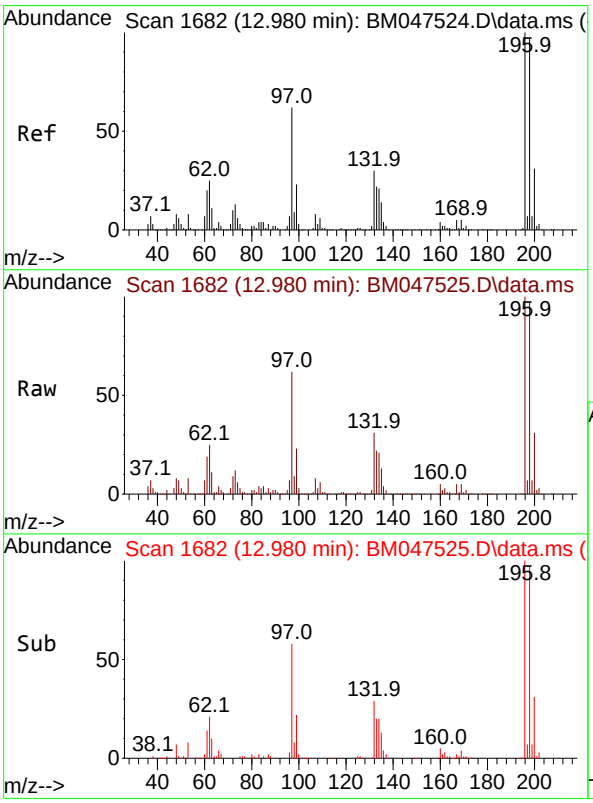
Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.9	115.3
200	30.4	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

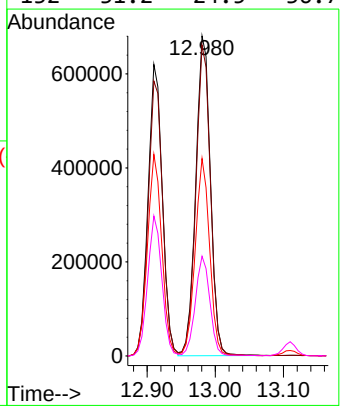
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

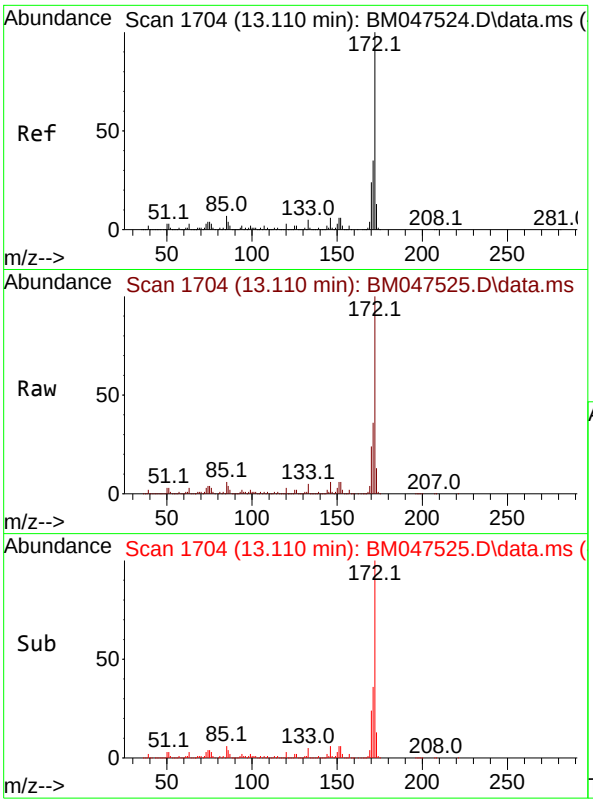


#44
2,4,5-Trichlorophenol
Concen: 52.552 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:196 Resp: 1019629

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.4	116.2
97	61.7	49.8	74.8
132	31.2	24.5	36.7

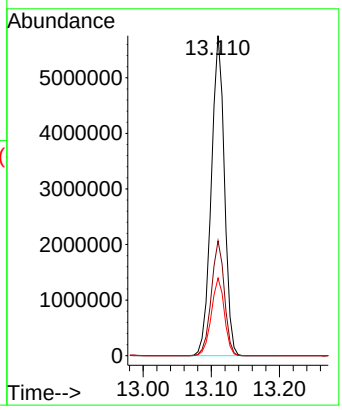




#45
2-Fluorobiphenyl
Concen: 104.898 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:172 Resp: 771603

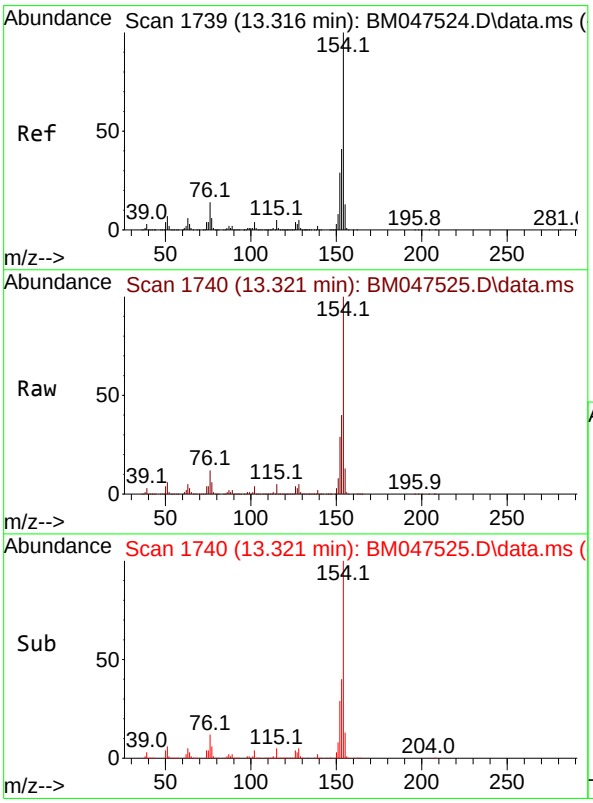
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	24.3	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

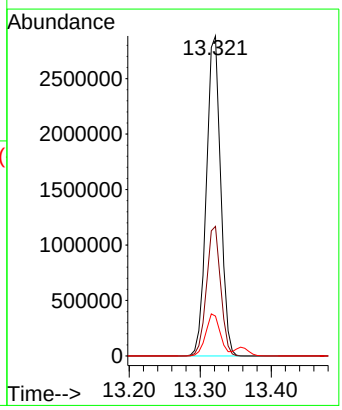
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

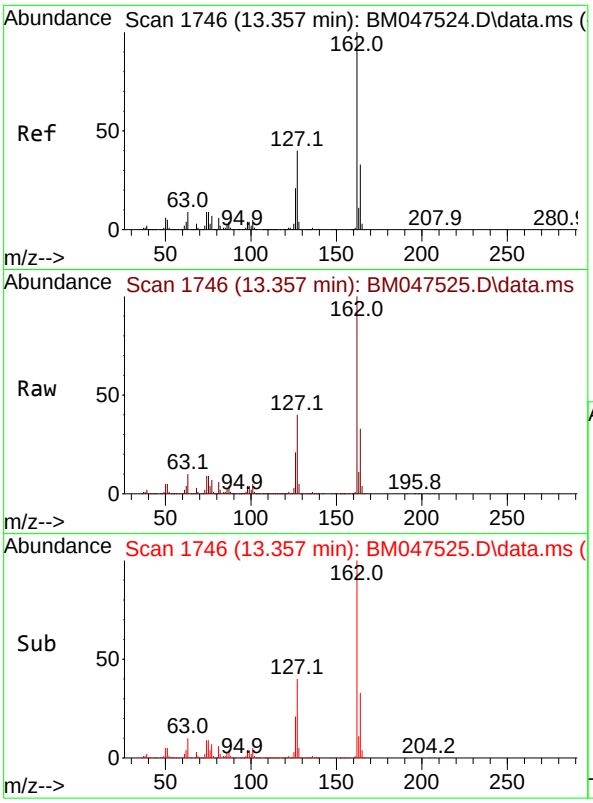


#46
1,1'-Biphenyl
Concen: 50.905 ng
RT: 13.321 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:154 Resp: 4013259

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	12.5	0.0	33.9

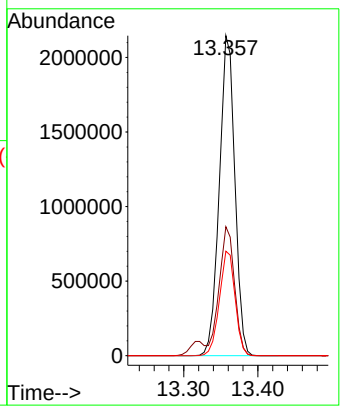




#47
2-Chloronaphthalene
Concen: 51.065 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:162 Resp: 312599

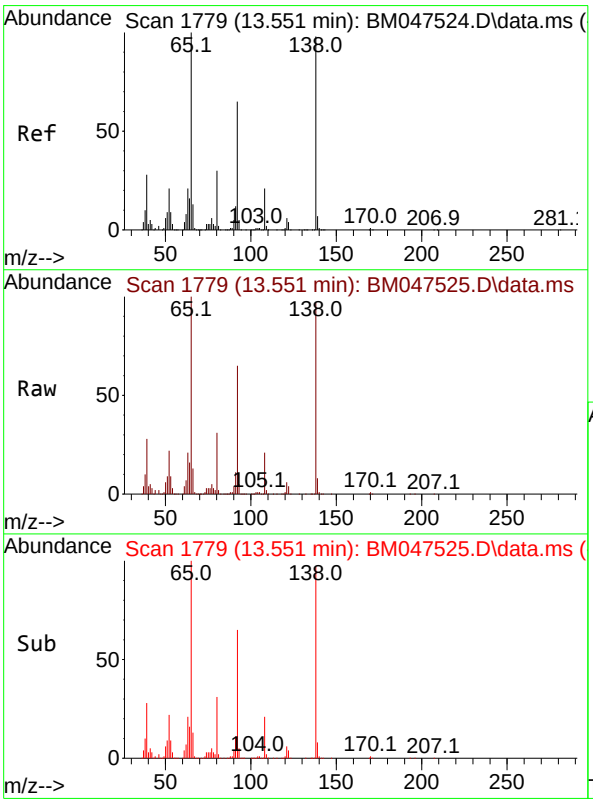
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	32.7	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

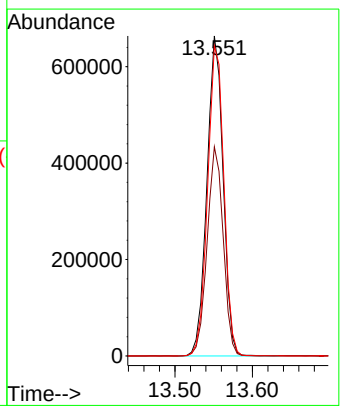
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

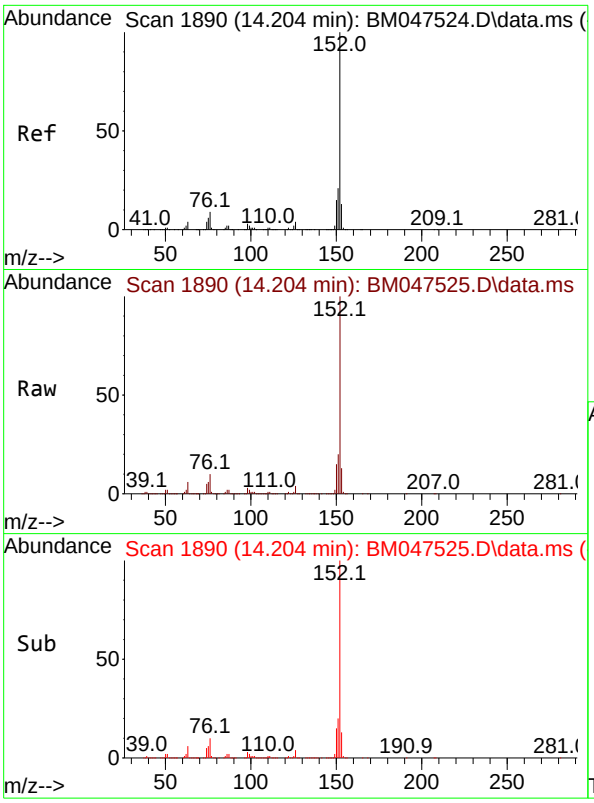


#48
2-Nitroaniline
Concen: 53.545 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 65 Resp: 962763

Ion	Ratio	Lower	Upper
65	100		
92	65.3	51.9	77.9
138	96.8	78.5	117.7

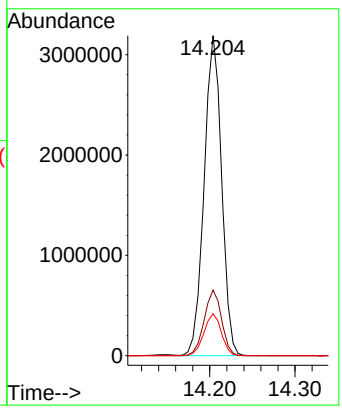




#49
Acenaphthylene
Concen: 51.383 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:152 Resp: 453912

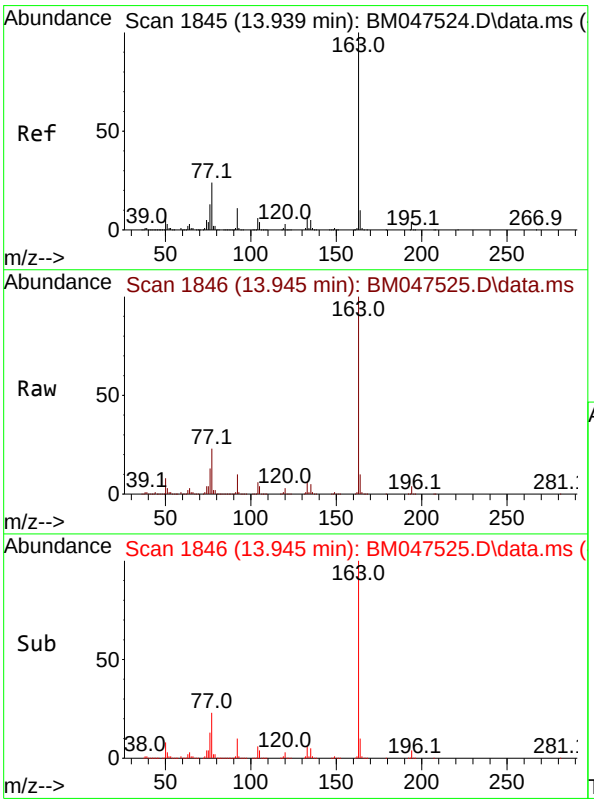
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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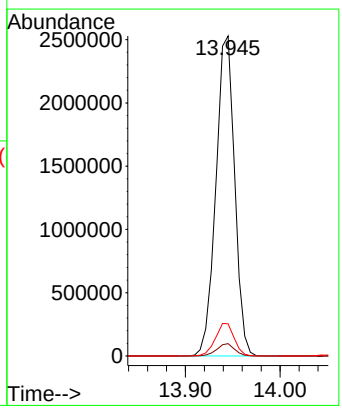
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

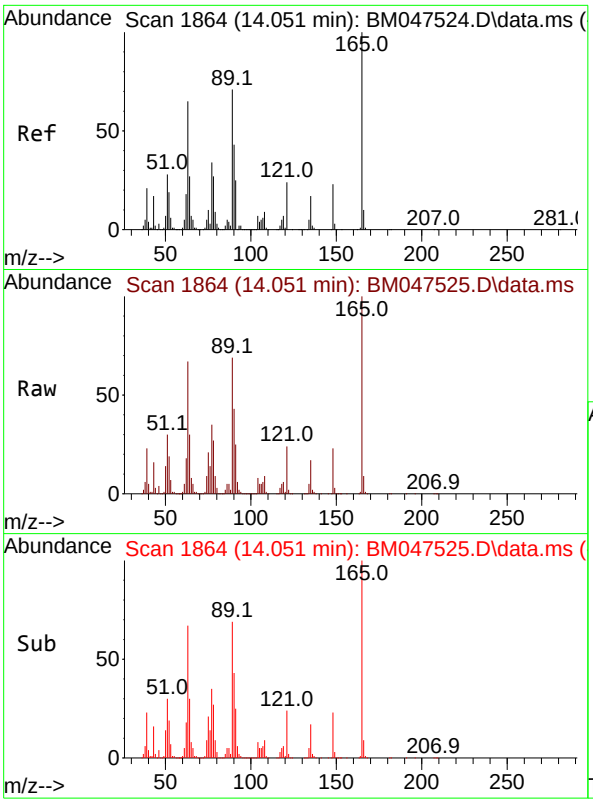


#50
Dimethylphthalate
Concen: 50.489 ng
RT: 13.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:163 Resp: 3486930

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.0	7.9	11.9

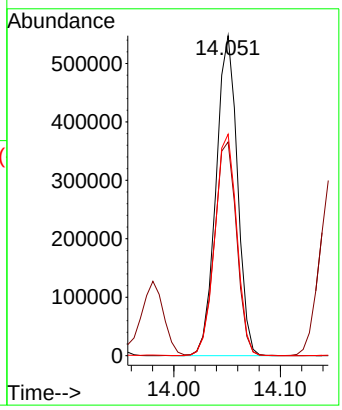




#51
2,6-Dinitrotoluene
Concen: 52.129 ng
RT: 14.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:165 Resp: 76000

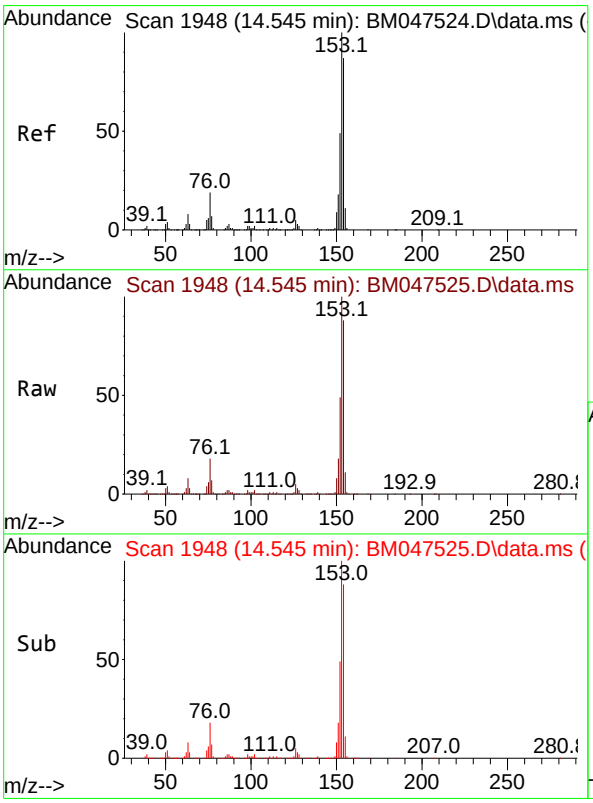
Ion	Ratio	Lower	Upper
165	100		
63	66.8	54.2	81.2
89	69.2	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

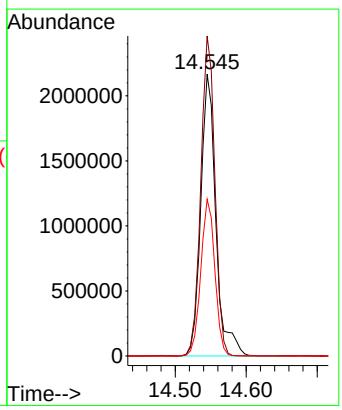
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

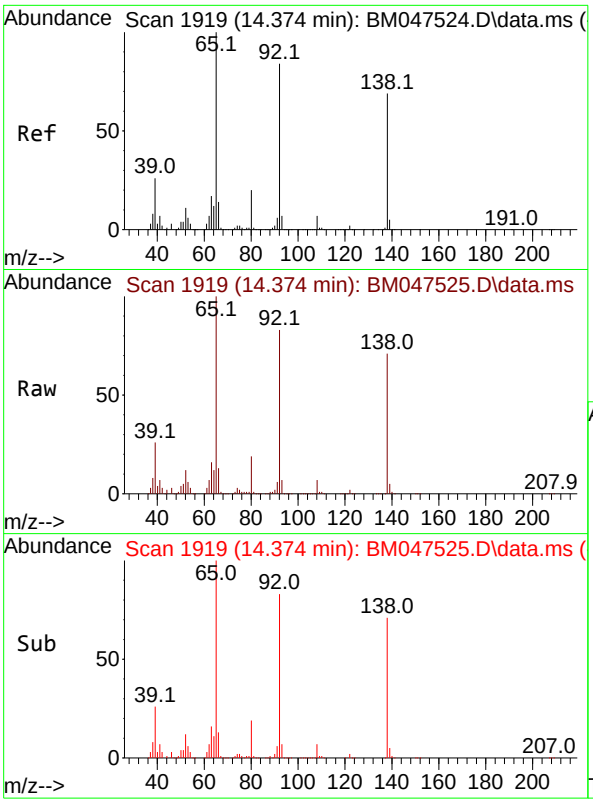


#52
Acenaphthene
Concen: 51.838 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:154 Resp: 3208580

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.2	138.2
152	55.6	45.4	68.0





#53
3-Nitroaniline
Concen: 53.063 ng
RT: 14.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

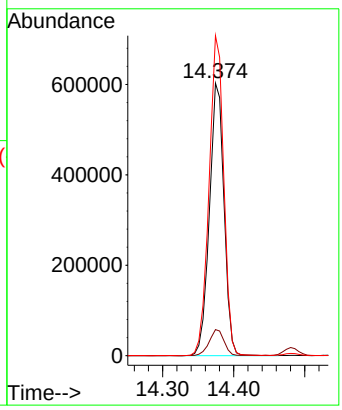
Tgt Ion:138 Resp: 85988

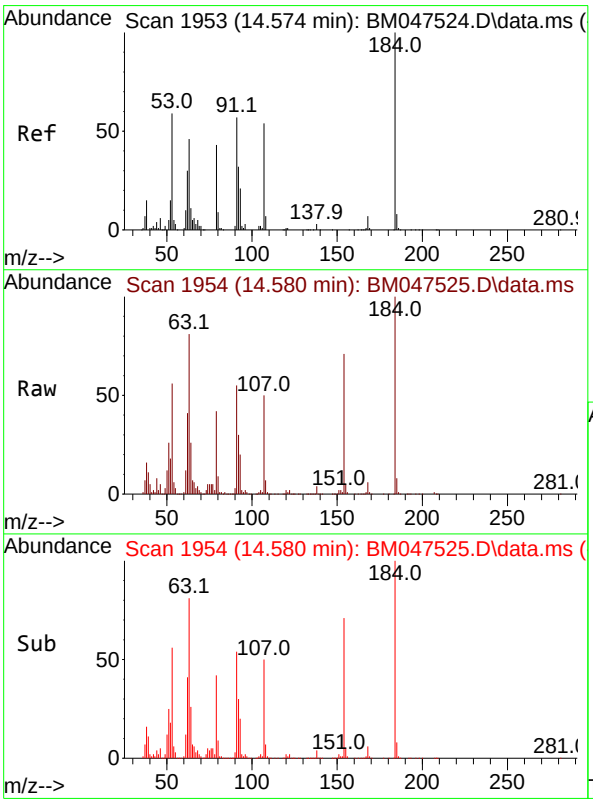
Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	117.5	97.4	146.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

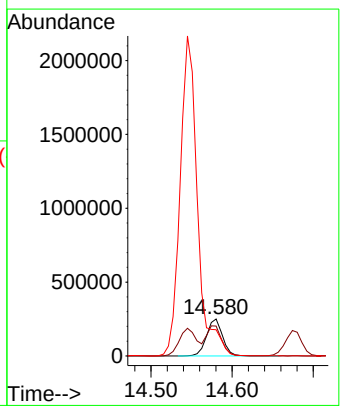


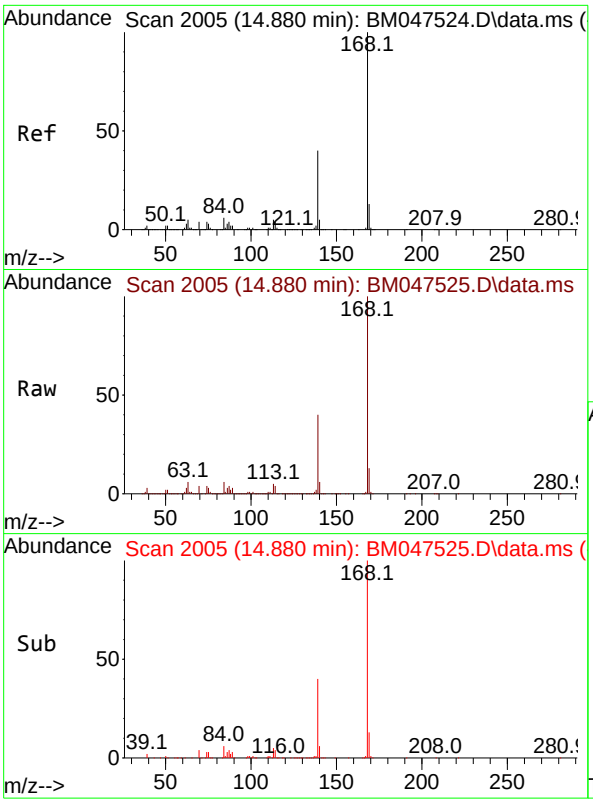


#54
2,4-Dinitrophenol
Concen: 49.904 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:184 Resp: 341766

Ion	Ratio	Lower	Upper
184	100		
63	81.1	69.4	104.0
154	71.2	60.4	90.6

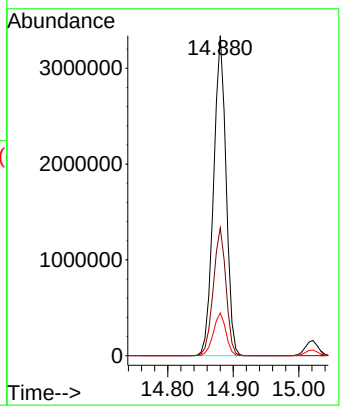




#55
Dibenzofuran
Concen: 50.752 ng
RT: 14.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:168 Resp: 441438

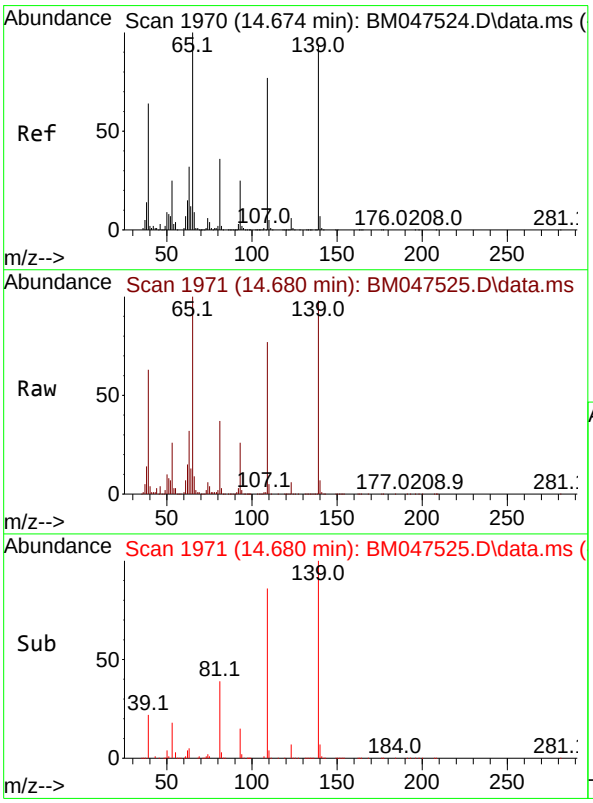
Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.9	47.9
169	13.4	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

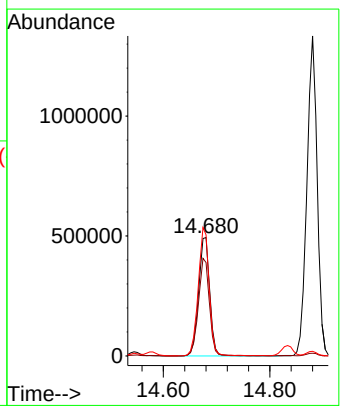
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

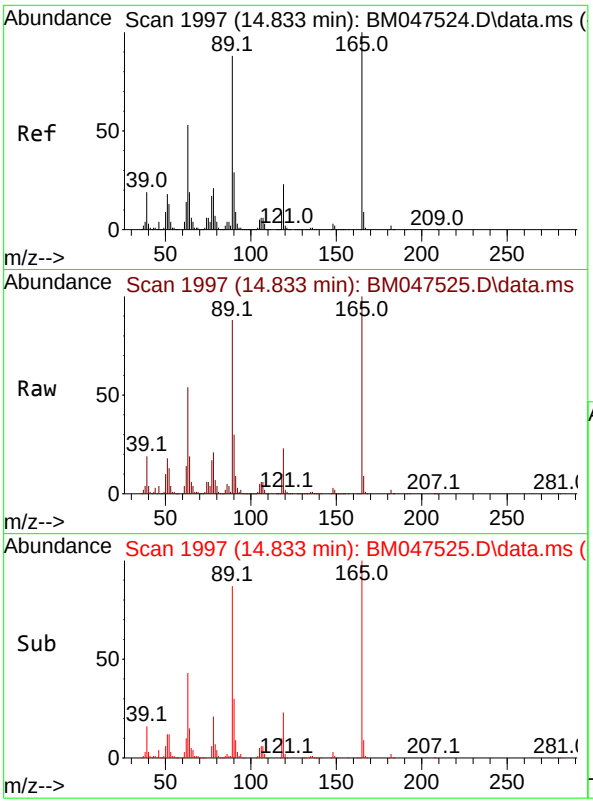


#56
4-Nitrophenol
Concen: 53.975 ng
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:139 Resp: 719745

Ion	Ratio	Lower	Upper
139	100		
109	79.0	62.0	102.0
65	102.3	87.0	127.0

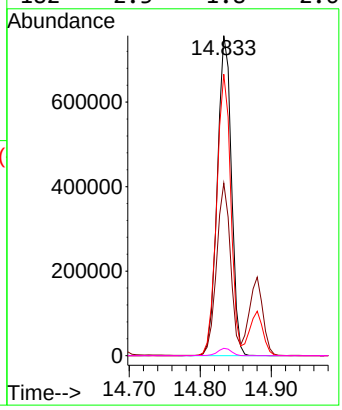




#57
2,4-Dinitrotoluene
Concen: 53.310 ng
RT: 14.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:165 Resp: 103658

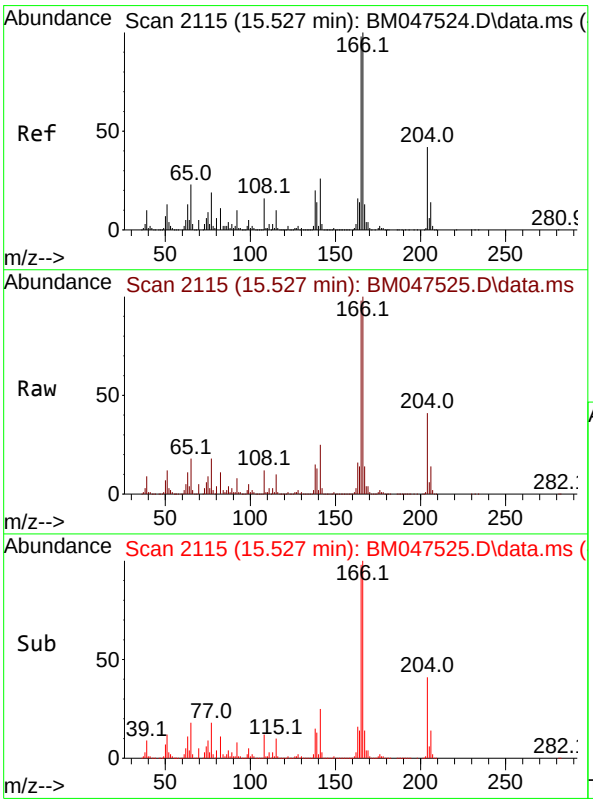
Ion	Ratio	Lower	Upper
165	100		
63	53.9	42.4	63.6
89	88.0	70.5	105.7
182	2.3	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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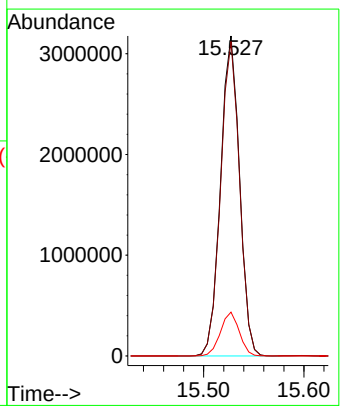
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

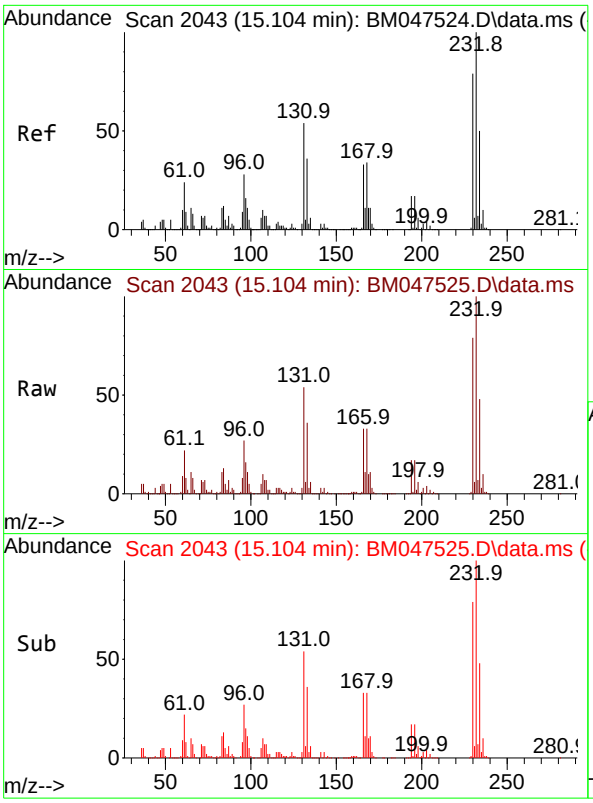


#58
Fluorene
Concen: 53.124 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:166 Resp: 4160088

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.7	10.7	16.1

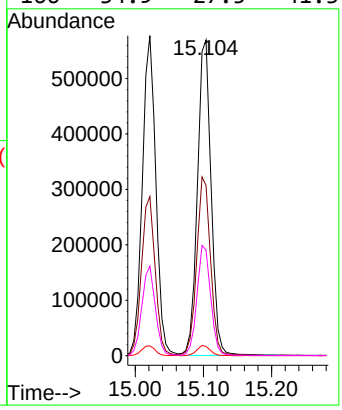




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.397 ng
RT: 15.104 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:232 Resp: 79262(

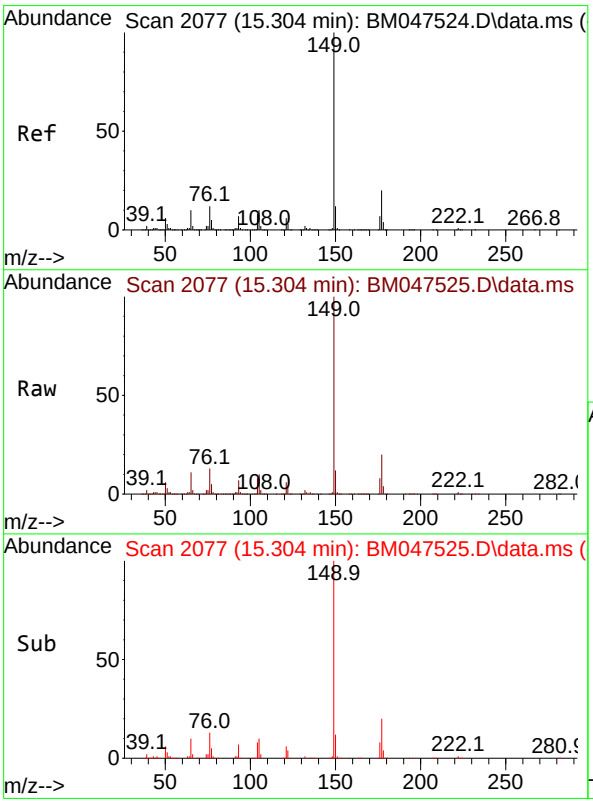
Ion	Ratio	Lower	Upper
232	100		
131	57.4	47.0	70.4
130	3.2	2.6	3.8
166	34.9	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

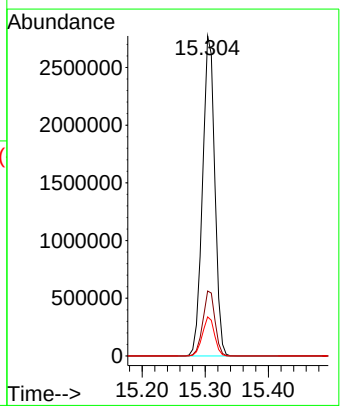
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

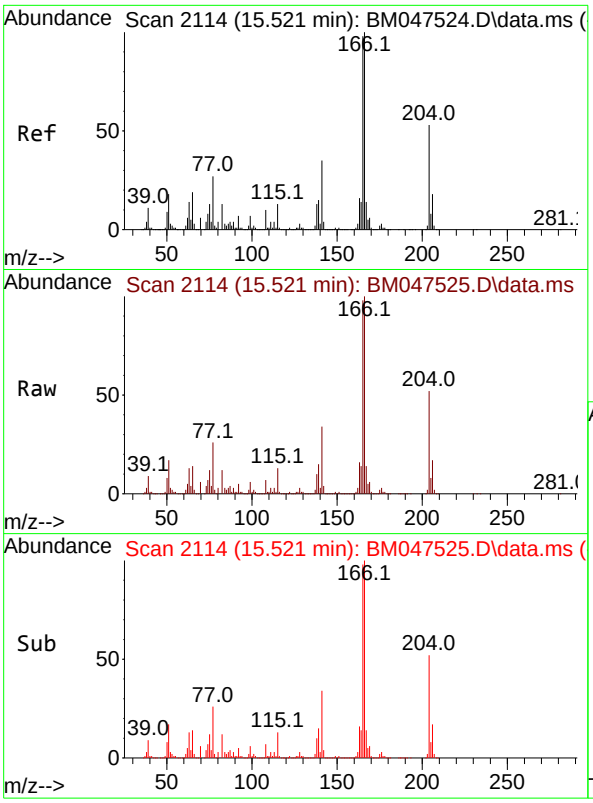


#60
Diethylphthalate
Concen: 50.766 ng
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:149 Resp: 3731359

Ion	Ratio	Lower	Upper
149	100		
177	20.3	15.8	23.8
150	12.2	9.7	14.5

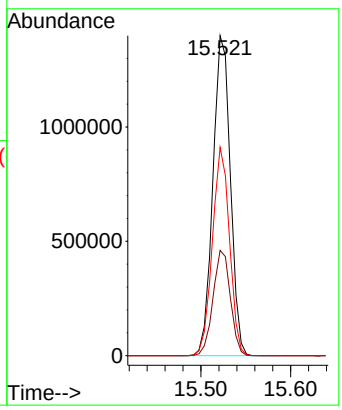




#61
4-Chlorophenyl-phenylether
Concen: 52.727 ng
RT: 15.521 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:204 Resp: 188792

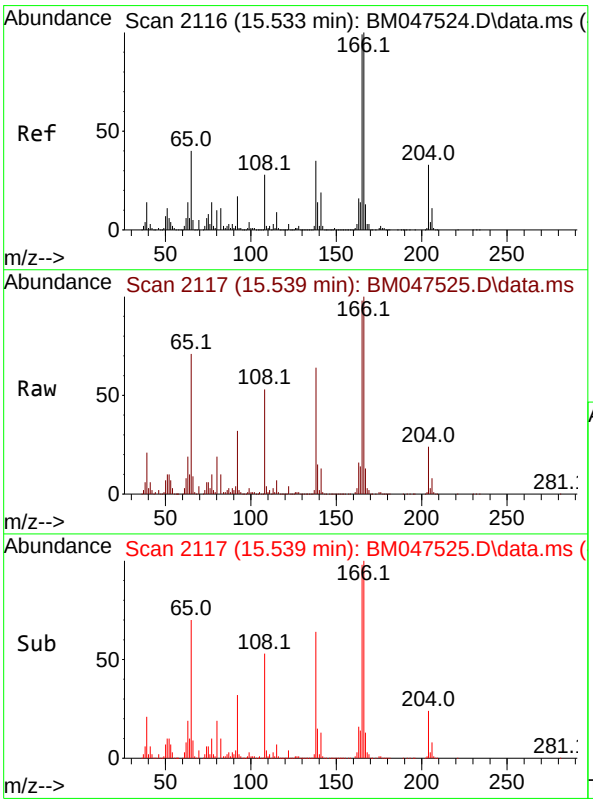
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.1	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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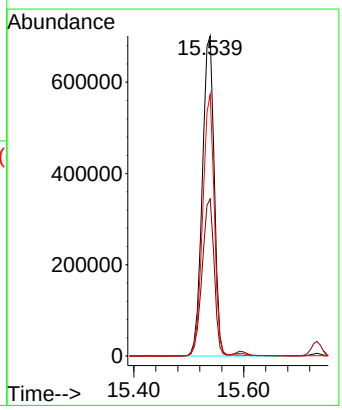
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

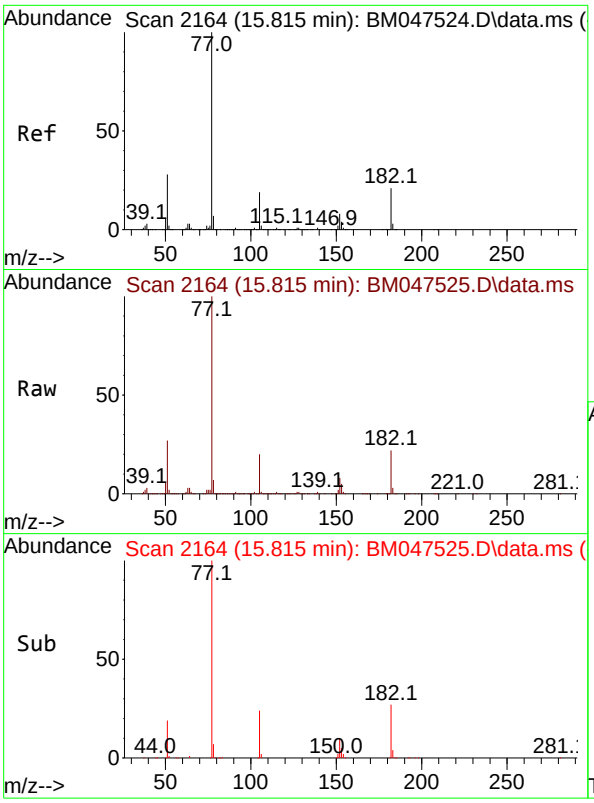


#62
4-Nitroaniline
Concen: 55.490 ng
RT: 15.539 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:138 Resp: 1057003

Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.0	70.0
108	81.8	61.7	101.7

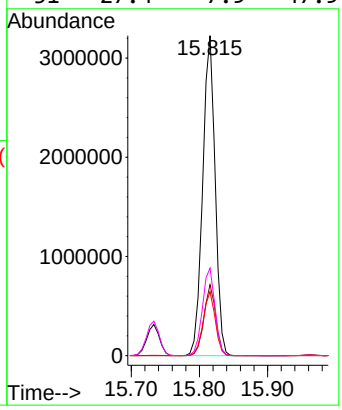




#63
Azobenzene
Concen: 50.661 ng
RT: 15.815 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion: 77 Resp: 410010

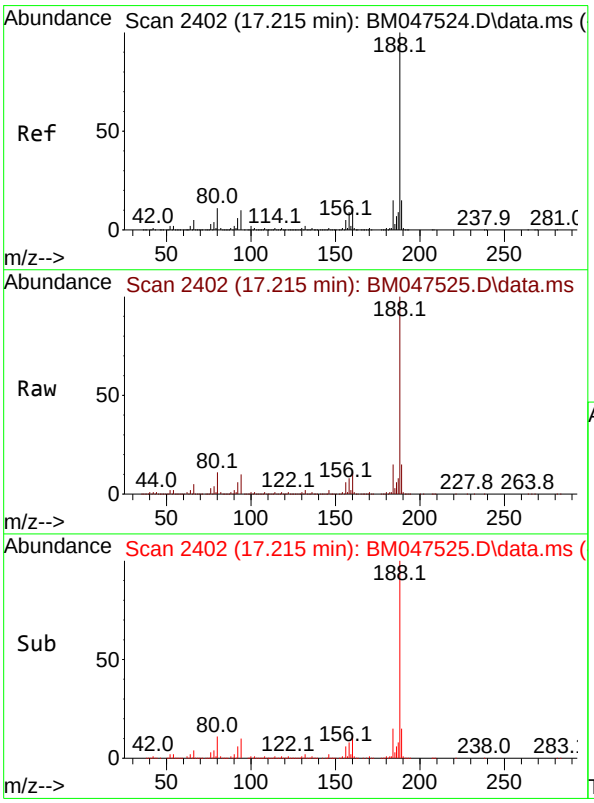
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	20.0	0.0	39.4
51	27.4	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

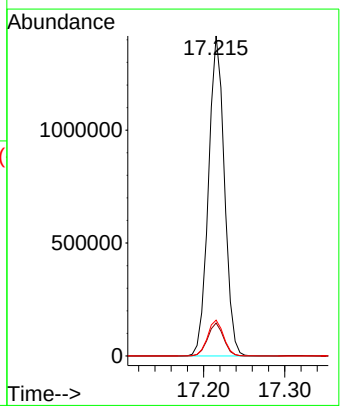
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

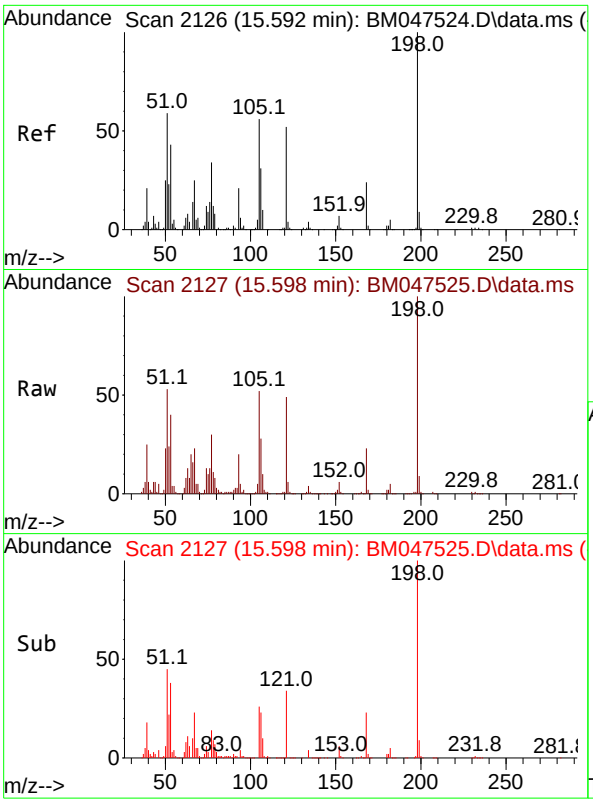


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:188 Resp: 1927087

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	11.2	9.1	13.7

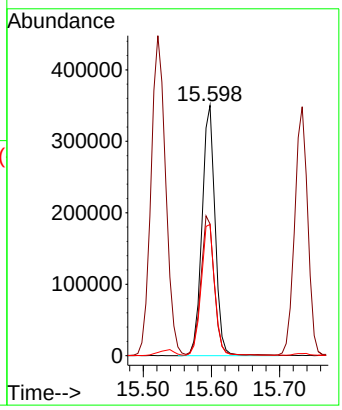




#65
4,6-Dinitro-2-methylphenol
Concen: 47.513 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:198 Resp: 46552

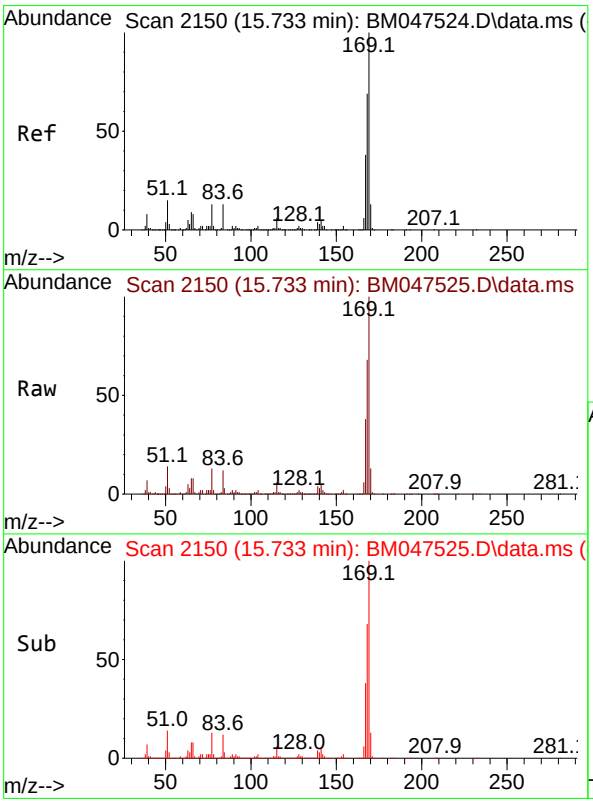
Ion	Ratio	Lower	Upper
198	100		
51	52.7	41.5	81.5
105	52.5	36.4	76.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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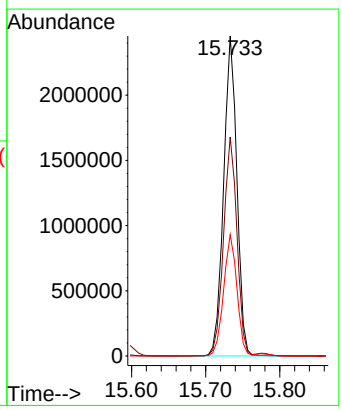
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

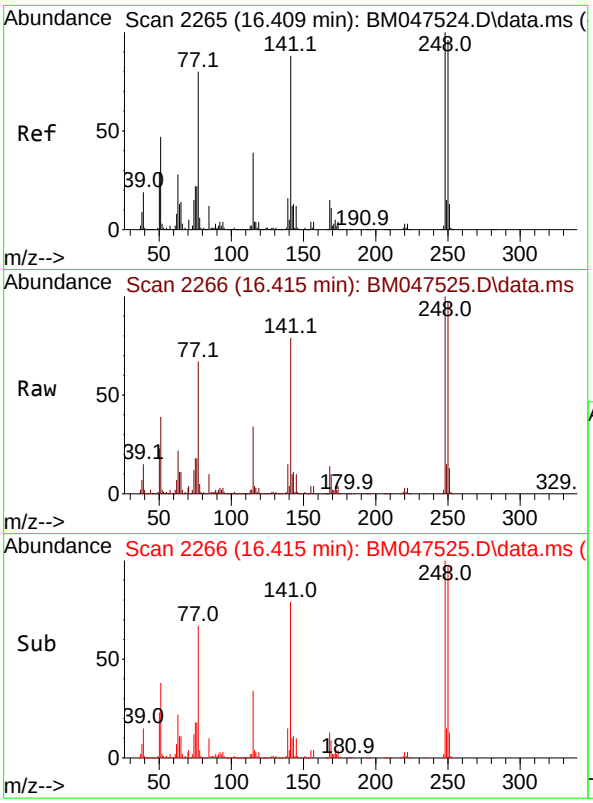


#66
n-Nitrosodiphenylamine
Concen: 51.751 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:169 Resp: 3050884

Ion	Ratio	Lower	Upper
169	100		
168	68.4	55.3	82.9
167	37.9	30.5	45.7

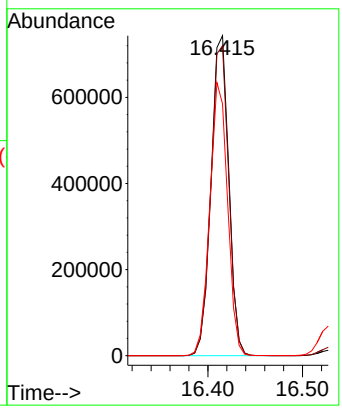




#67
4-Bromophenyl-phenylether
Concen: 51.803 ng
RT: 16.415 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:248 Resp: 97000

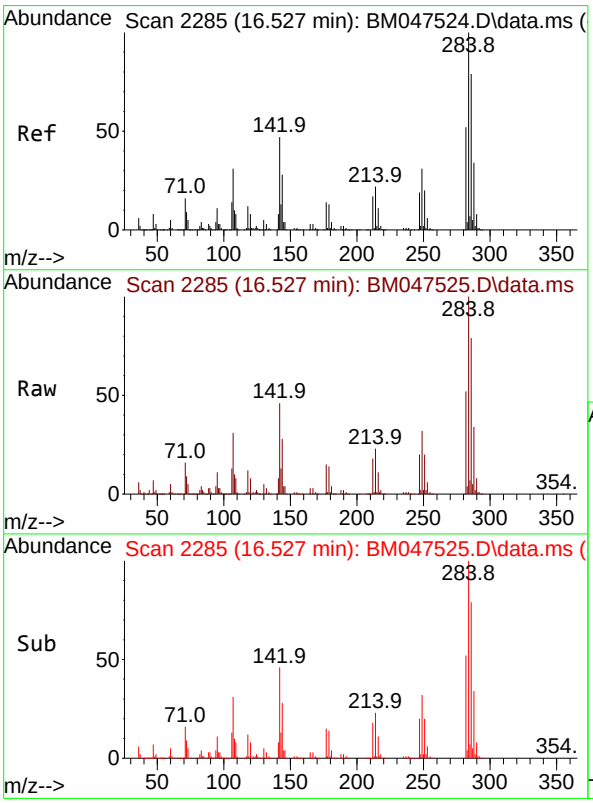
Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	78.7	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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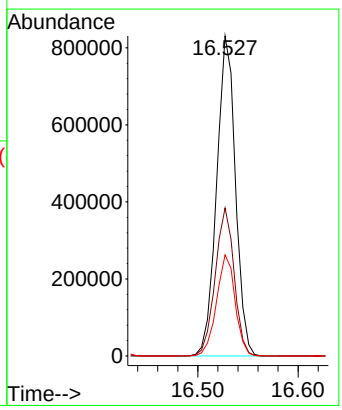
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

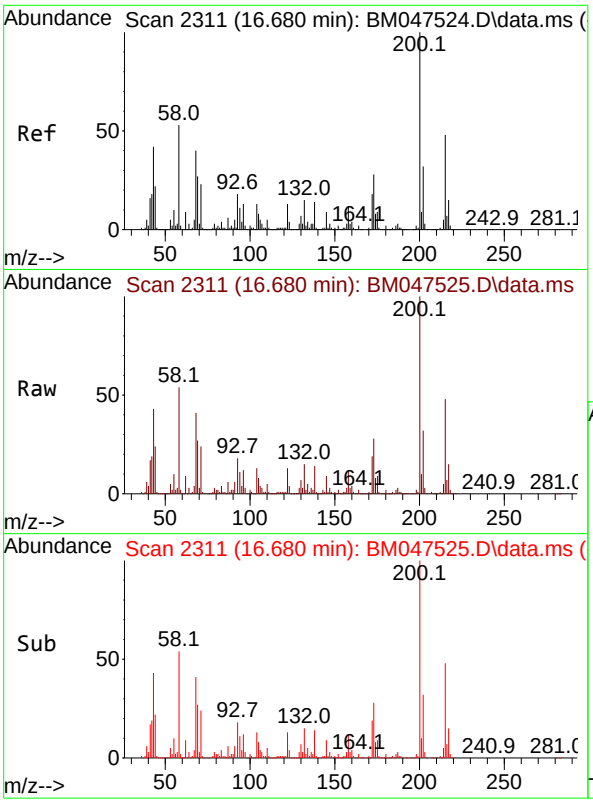


#68
Hexachlorobenzene
Concen: 50.942 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:284 Resp: 1080606

Ion	Ratio	Lower	Upper
284	100		
142	46.2	37.3	55.9
249	31.6	24.5	36.7

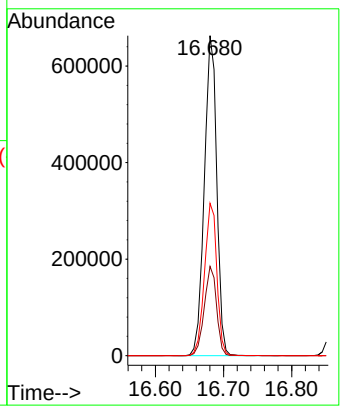




#69
Atrazine
Concen: 51.534 ng
RT: 16.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:200 Resp: 83970

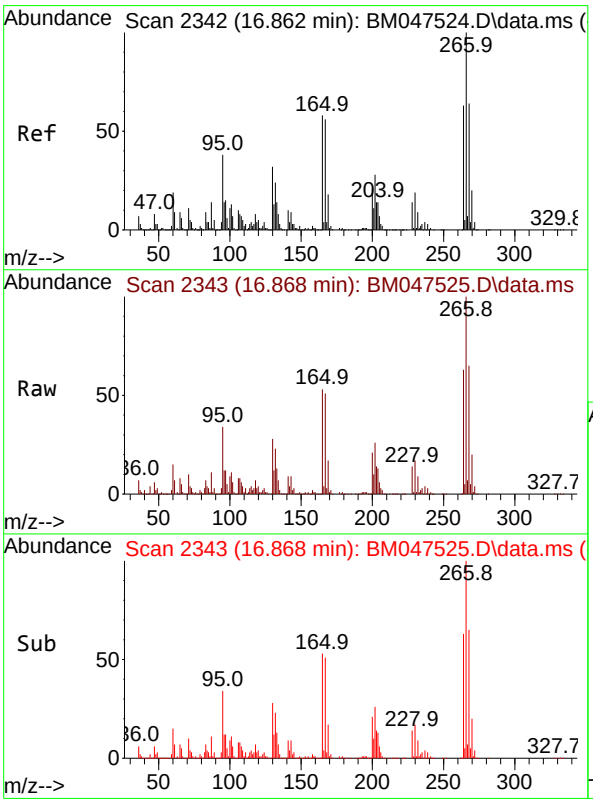
Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.7	47.7
215	47.6	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

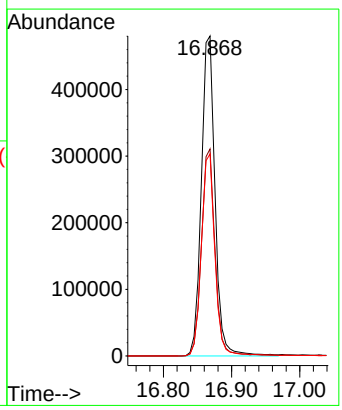
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

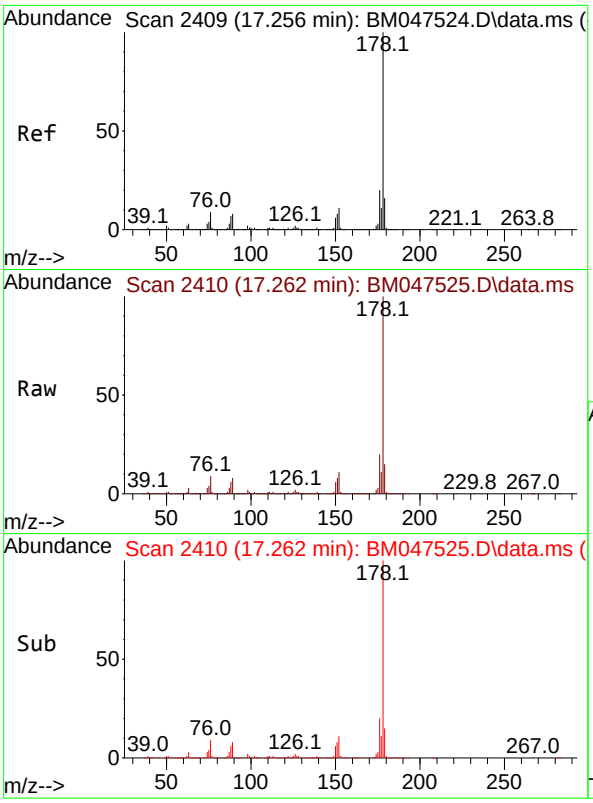


#70
Pentachlorophenol
Concen: 54.737 ng
RT: 16.868 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:266 Resp: 673070

Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.4
264	63.1	50.4	75.6

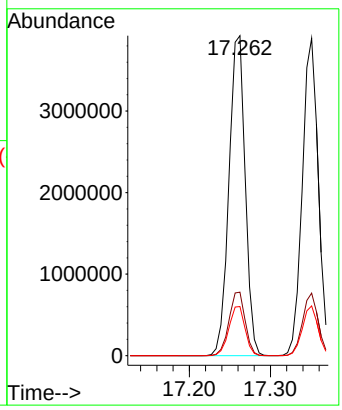




#71
Phenanthrene
Concen: 51.315 ng
RT: 17.262 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:178 Resp: 544967

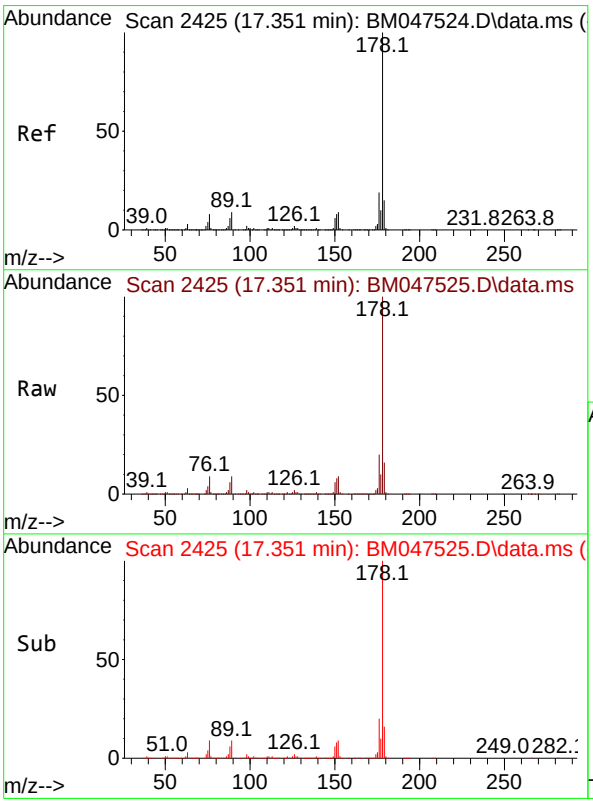
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.4	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

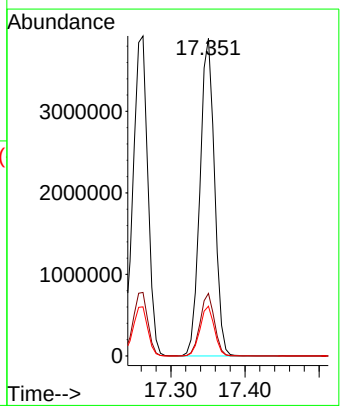
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

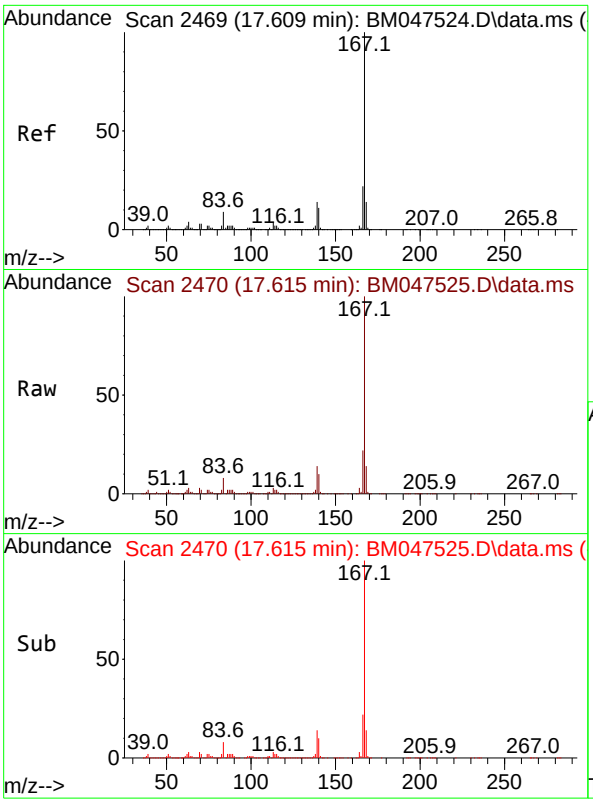


#72
Anthracene
Concen: 52.053 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:178 Resp: 5311241

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.7	12.3	18.5

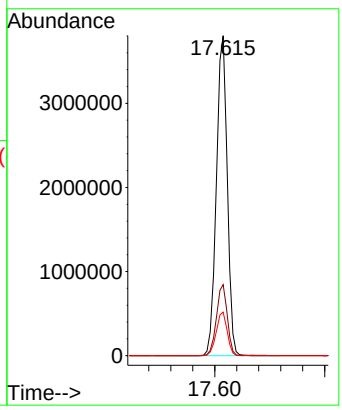




#73
Carbazole
Concen: 51.703 ng
RT: 17.615 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:167 Resp: 522811

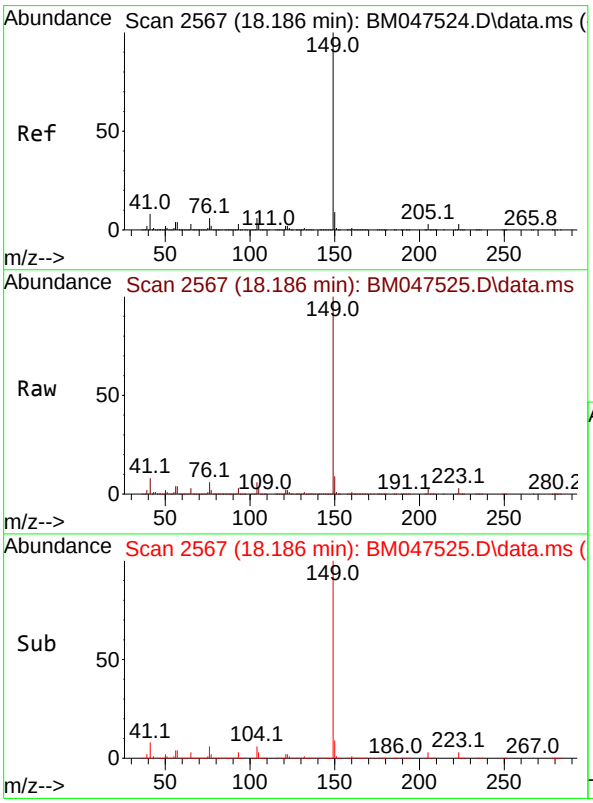
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.6	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

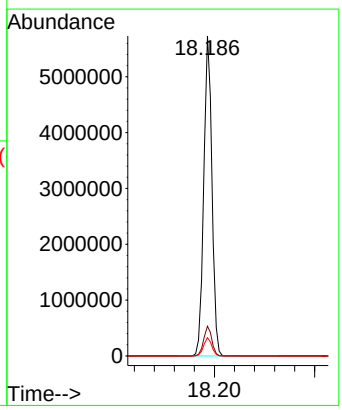
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

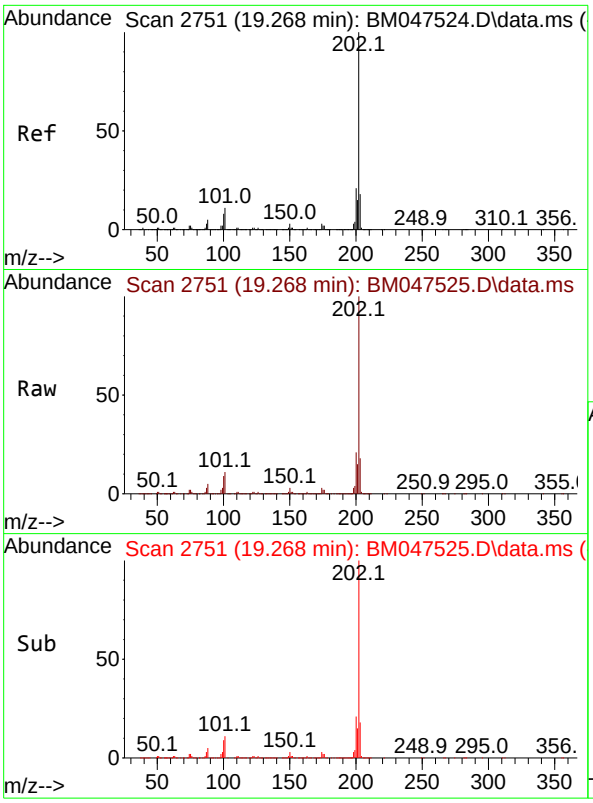


#74
Di-n-butylphthalate
Concen: 53.702 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:149 Resp: 6497317

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.7	4.6	6.8





#75
Fluoranthene
Concen: 53.071 ng
RT: 19.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

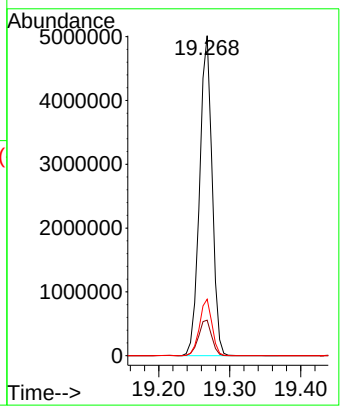
Tgt Ion:202 Resp: 614949

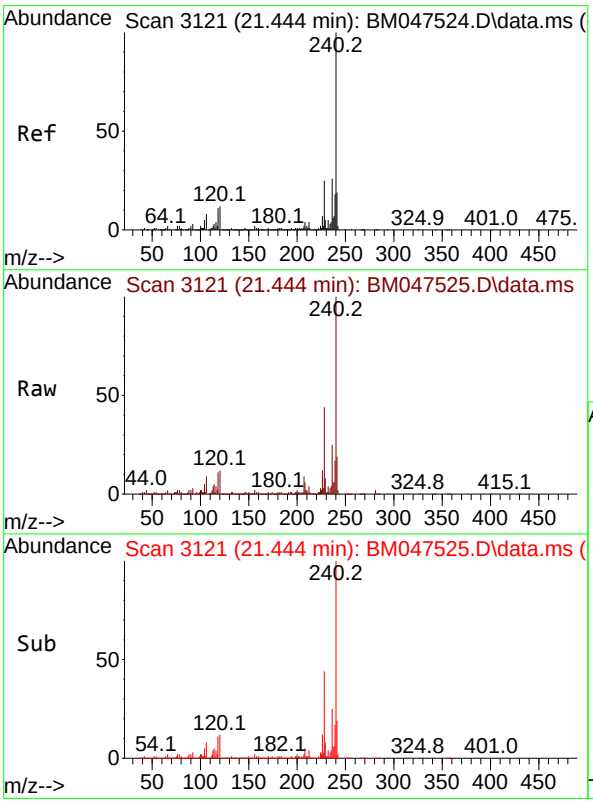
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.8
203	17.6	0.0	37.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

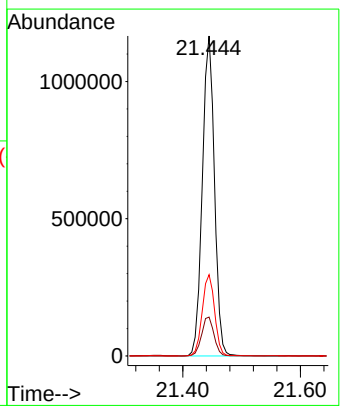


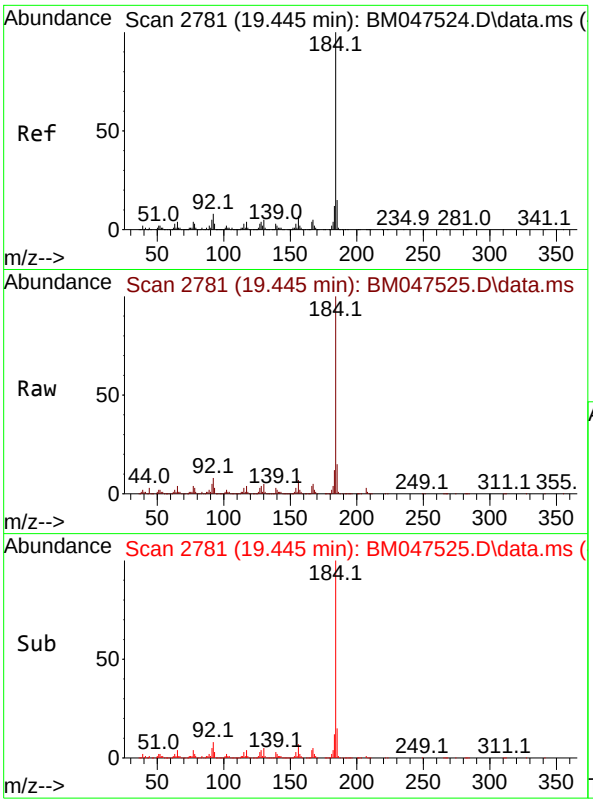


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:240 Resp: 1661575

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.6	14.4
236	25.4	20.9	31.3

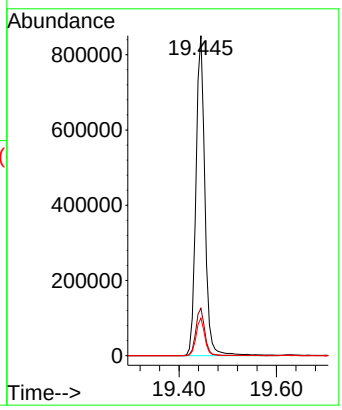




#77
Benzidine
Concen: 46.978 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:184 Resp: 109934

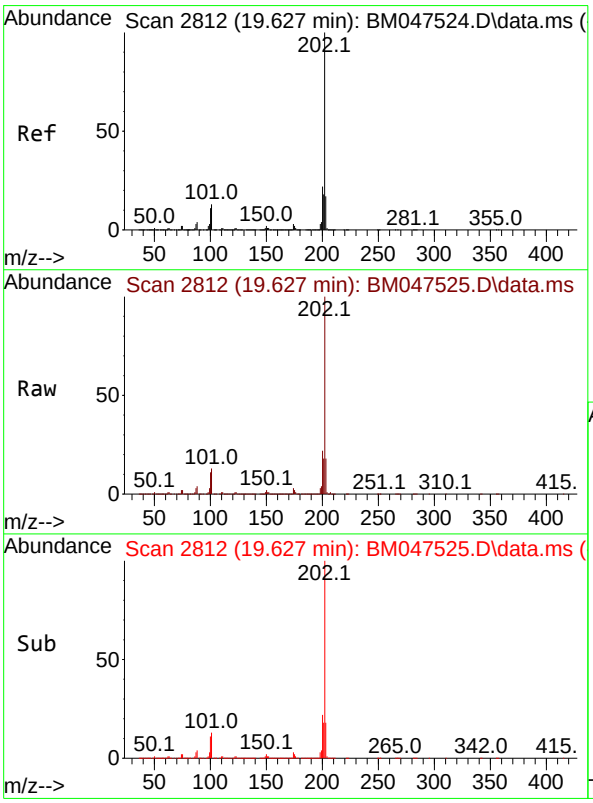
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.8	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

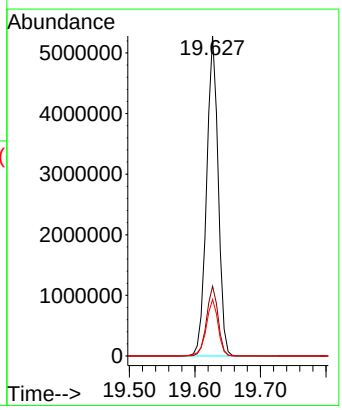
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

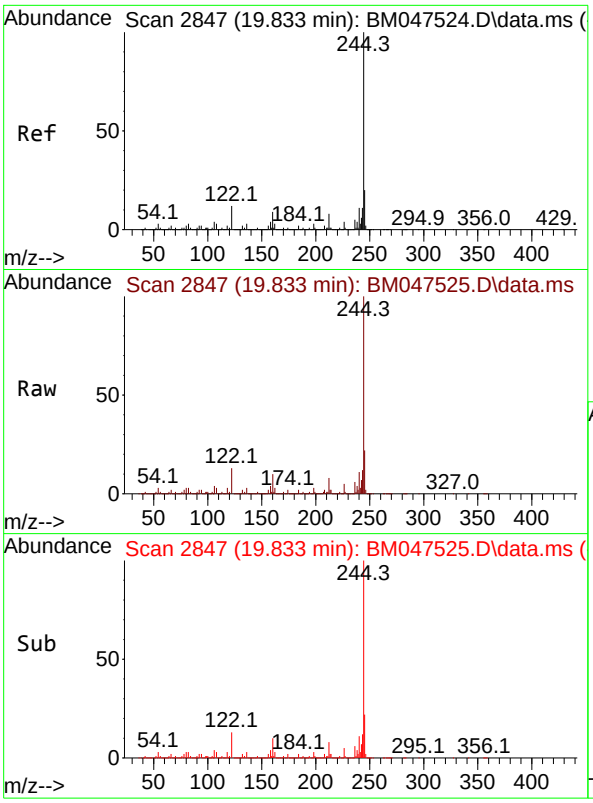


#78
Pyrene
Concen: 53.600 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:202 Resp: 6496279

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.6	14.0	21.0

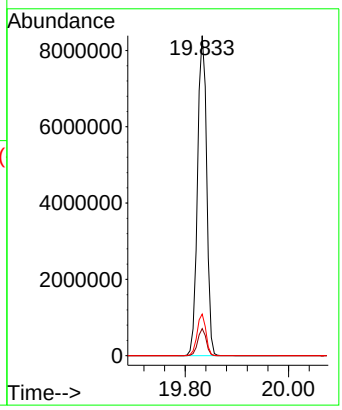




#79
Terphenyl-d14
Concen: 110.997 ng
RT: 19.833 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:244 Resp:1029219

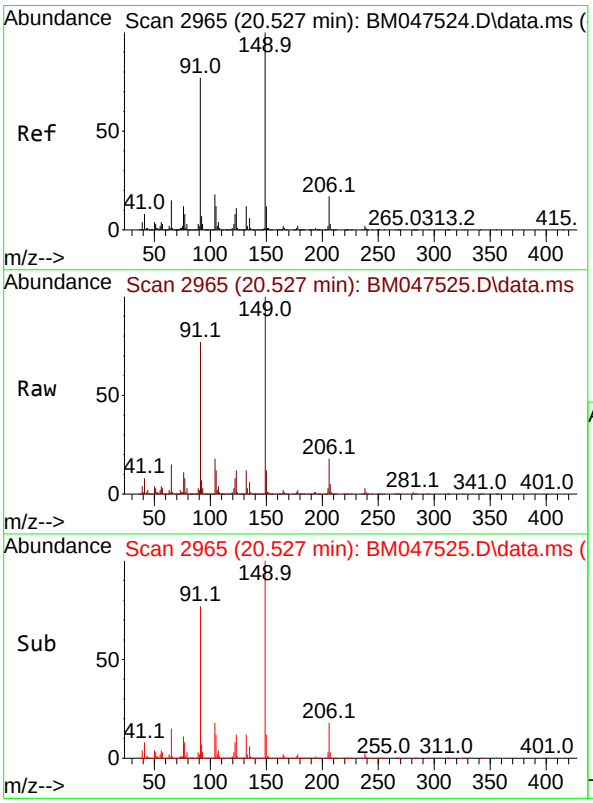
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	13.0	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

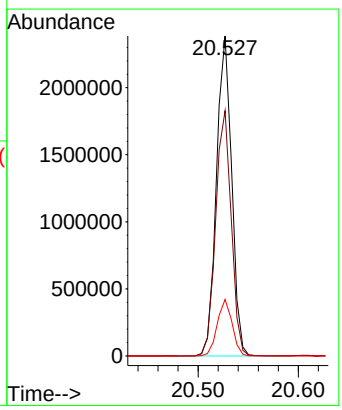
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

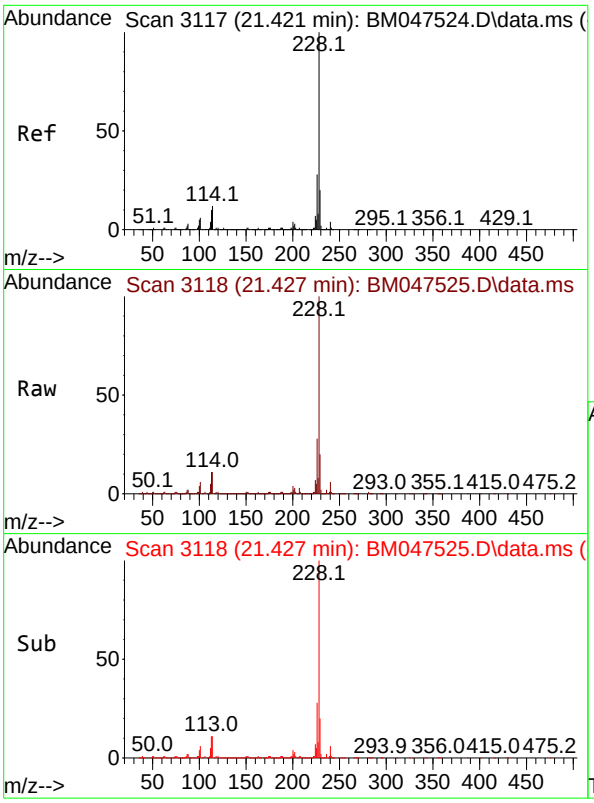


#80
Butylbenzylphthalate
Concen: 53.774 ng
RT: 20.527 min Scan# 2965
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:149 Resp: 2508902

Ion	Ratio	Lower	Upper
149	100		
91	76.6	62.0	93.0
206	17.7	13.8	20.8

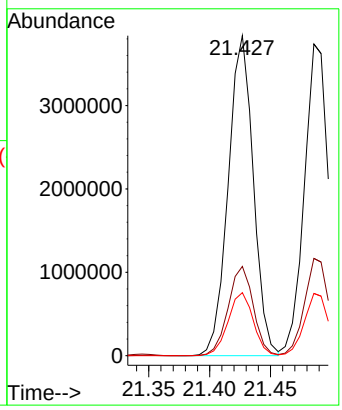




#81
Benzo(a)anthracene
Concen: 50.819 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:228 Resp: 550376

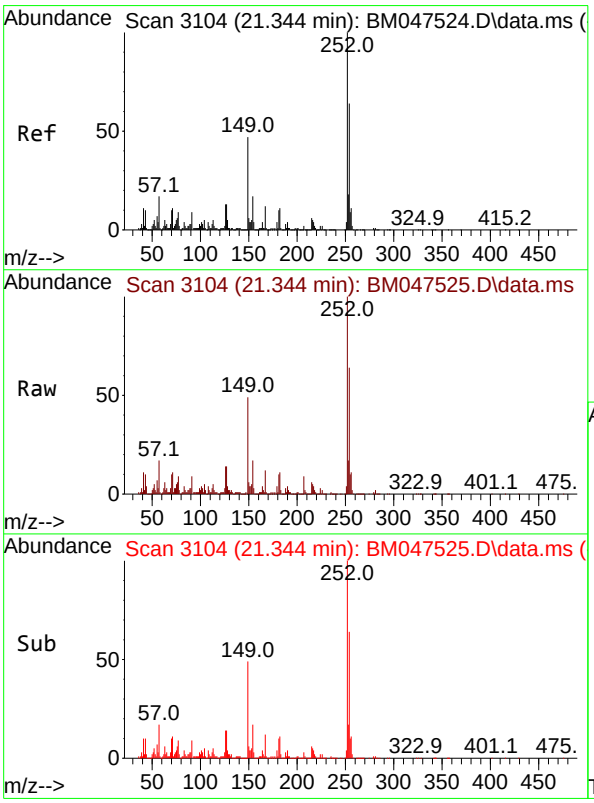
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.7	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

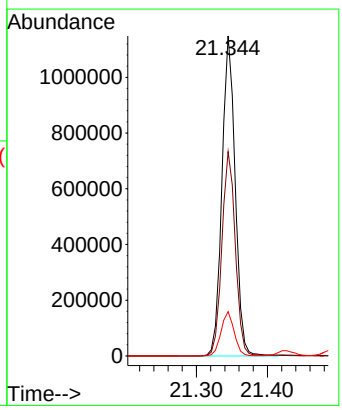
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

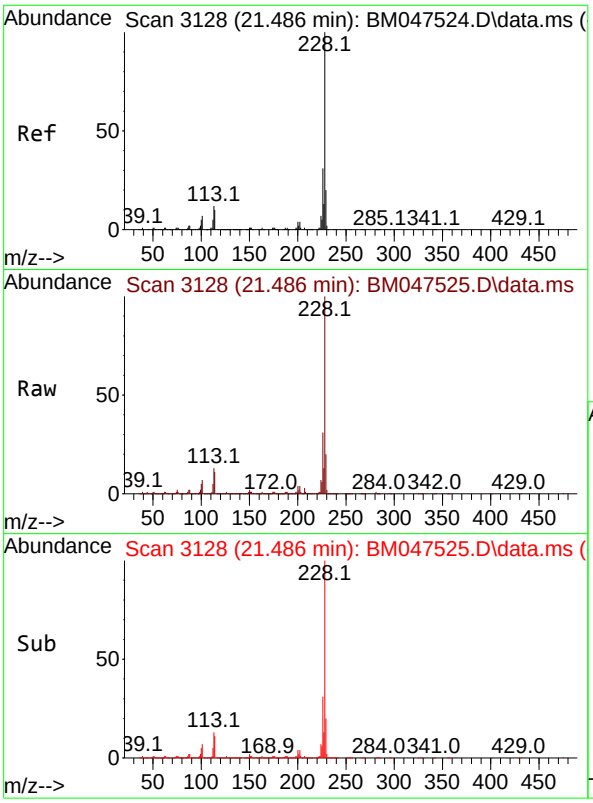


#82
3,3'-Dichlorobenzidine
Concen: 51.333 ng
RT: 21.344 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:252 Resp: 1478863

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.9	10.3	15.5

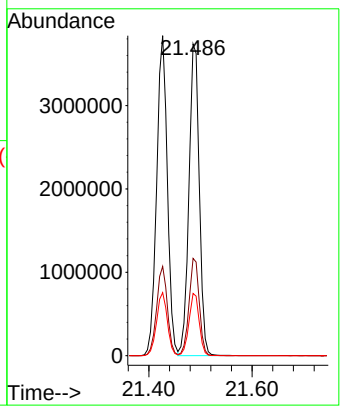




#83
Chrysene
Concen: 50.689 ng
RT: 21.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:228 Resp: 519253

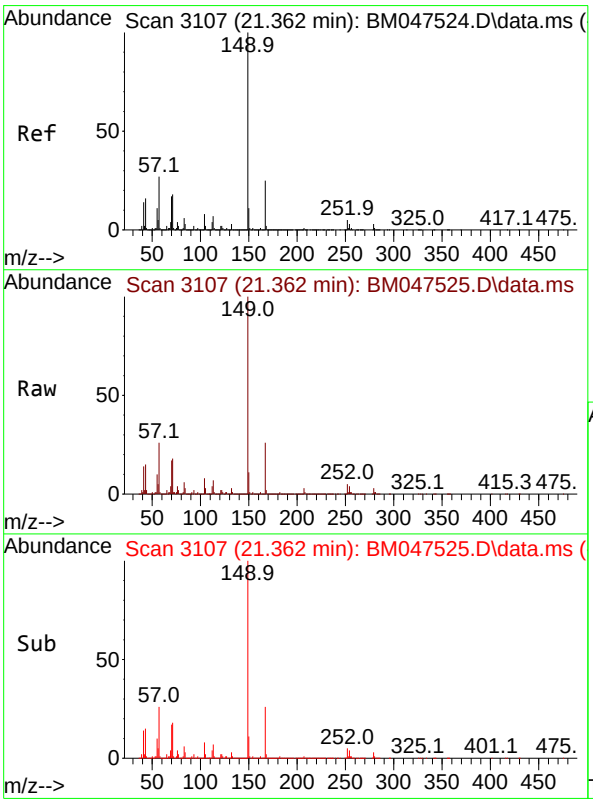
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

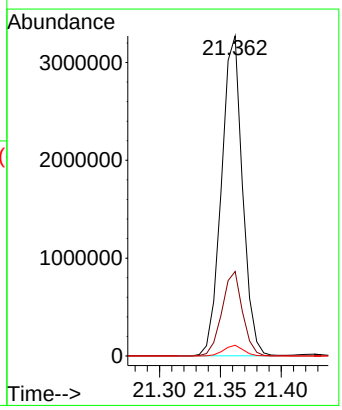
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

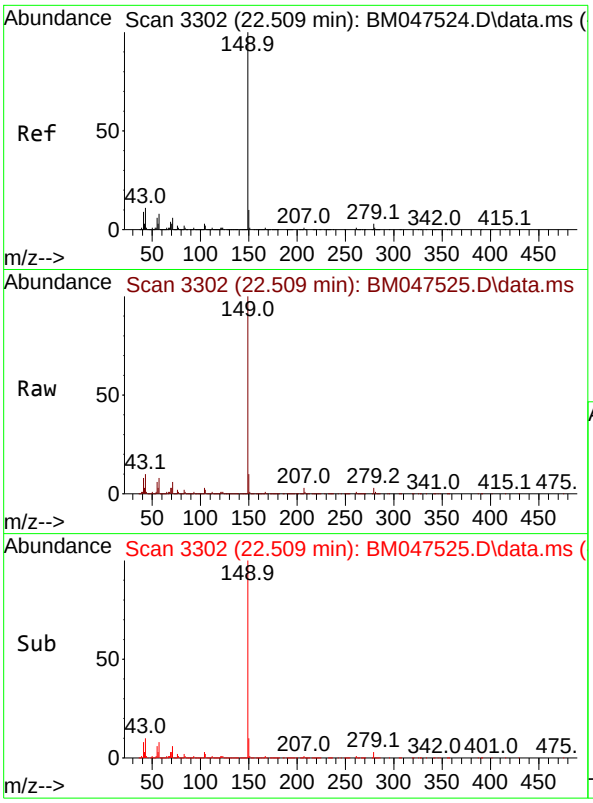


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.839 ng
RT: 21.362 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:149 Resp: 3935057

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	3.3	2.6	4.0

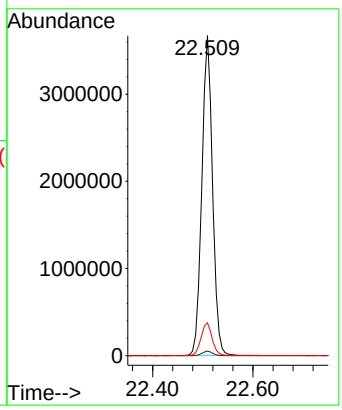




#85
Di-n-octyl phthalate
Concen: 52.601 ng
RT: 22.509 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:149 Resp: 543806

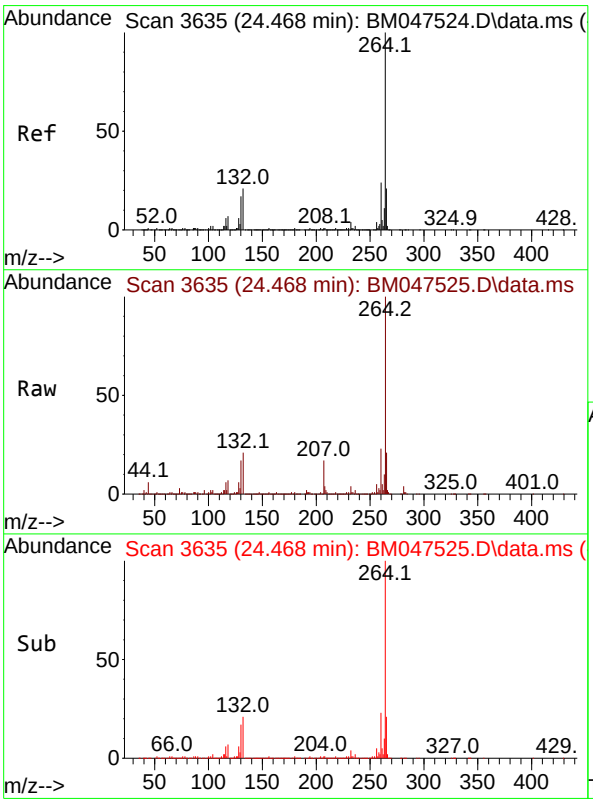
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.6	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

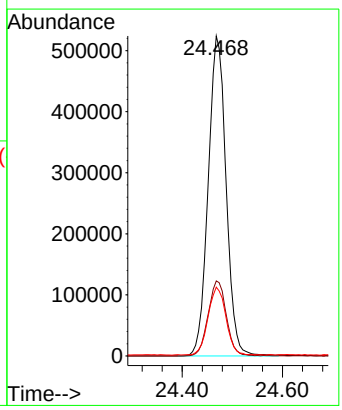
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

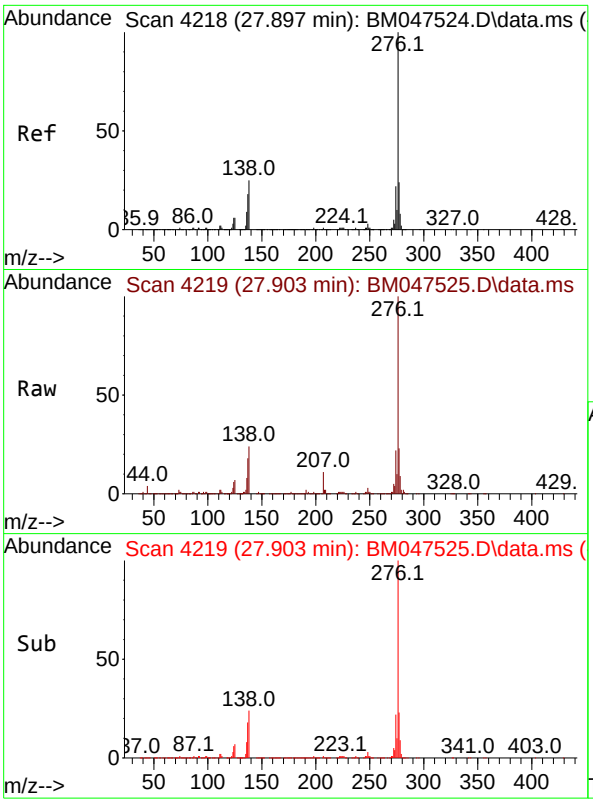


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:264 Resp: 1297327

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.5	17.4	26.2

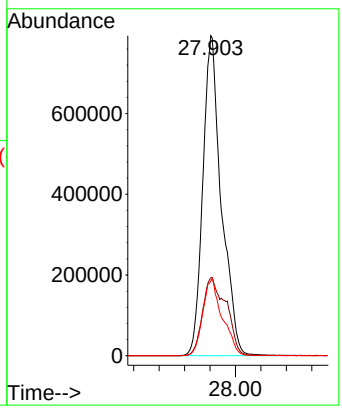




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.731 ng
RT: 27.903 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:276 Resp: 401629

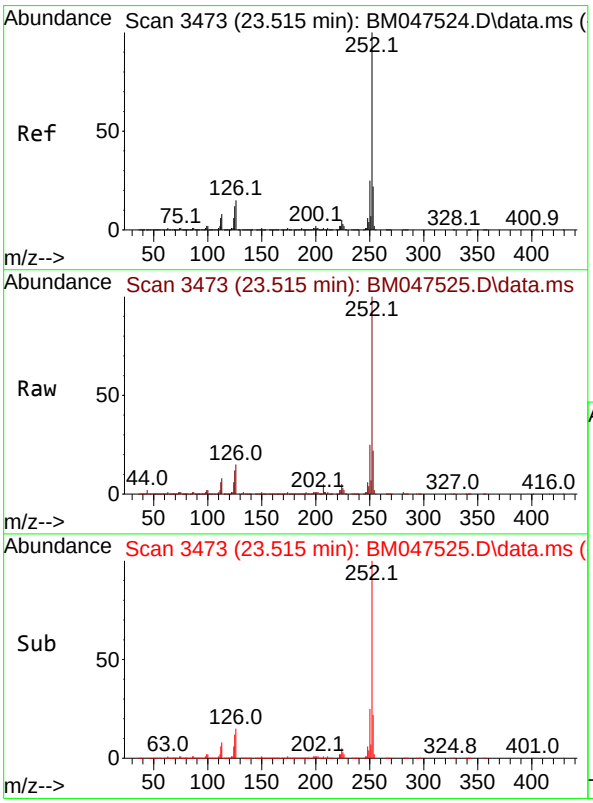
Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	25.3	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

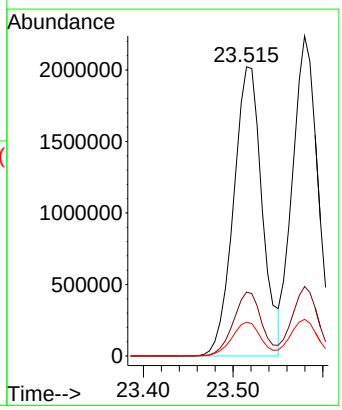
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

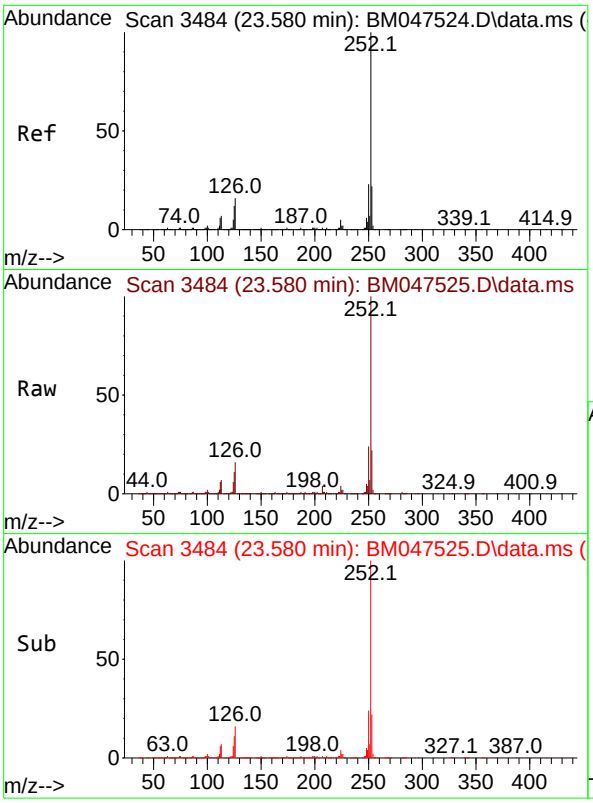


#88
Benzo(b)fluoranthene
Concen: 53.347 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:252 Resp: 4477877

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.7	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 52.652 ng
RT: 23.580 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

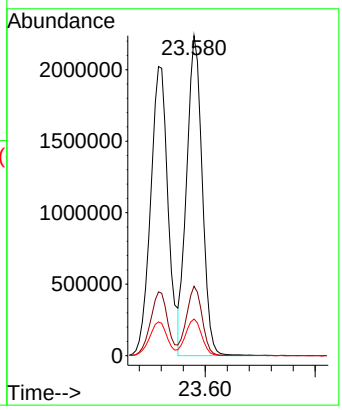
Tgt Ion:252 Resp: 438010

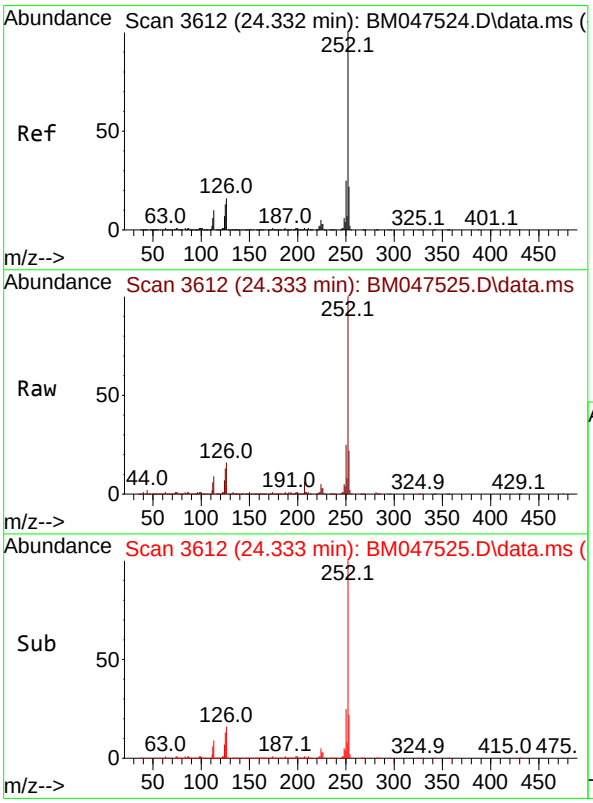
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.5	9.5	14.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

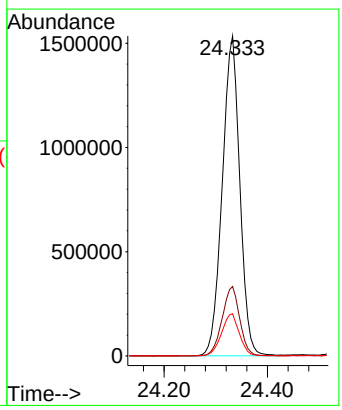


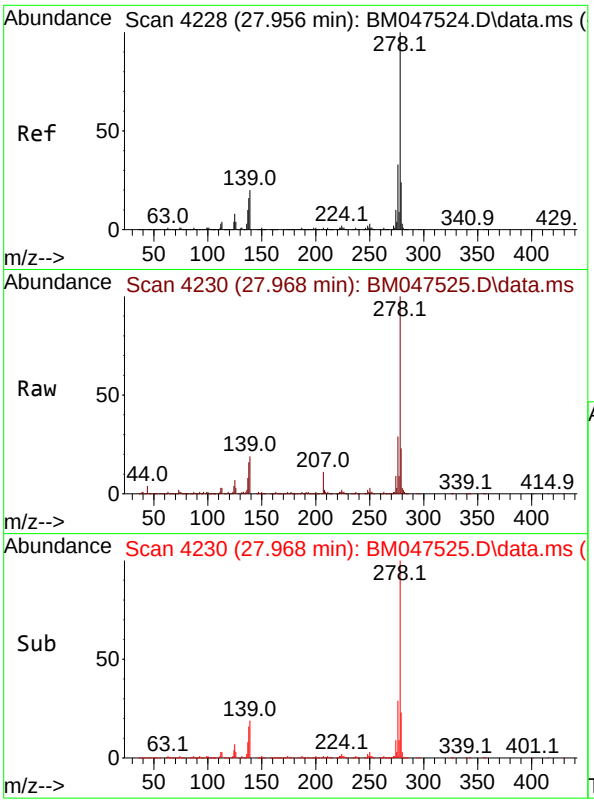


#90
Benzo(a)pyrene
Concen: 52.521 ng
RT: 24.333 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:252 Resp: 3613289

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	13.2	10.2	15.4

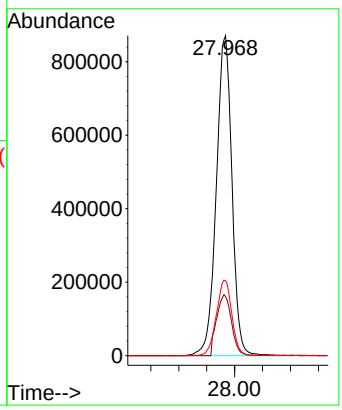




#91
Dibenzo(a,h)anthracene
Concen: 51.962 ng
RT: 27.968 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:278 Resp: 339418

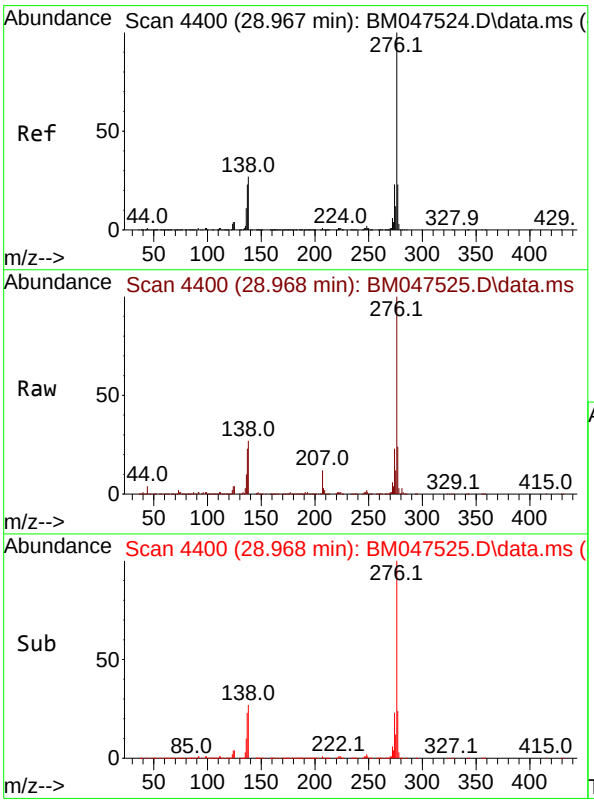
Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	23.4	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

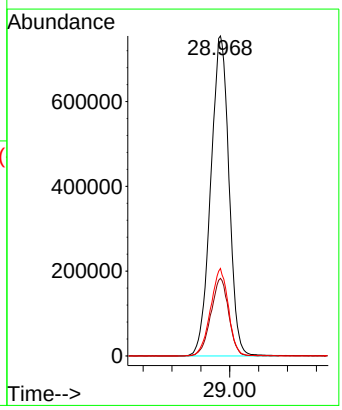
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92
Benzo(g,h,i)perylene
Concen: 51.757 ng
RT: 28.968 min Scan# 4400
Delta R.T. 0.000 min
Lab File: BM047525.D
Acq: 14 Sep 2024 15:14

Tgt Ion:276 Resp: 3302500

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	27.3	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047526.D
Acq On : 14 Sep 2024 15:54
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 08:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	401641	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1736528	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	989132	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1777314	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1418749	20.000	ng	0.00
86) Perylene-d12	24.474	264	1211205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3208031	127.175	ng	0.00
7) Phenol-d6	7.016	99	4579779	128.919	ng	0.00
23) Nitrobenzene-d5	9.010	82	4344782	125.215	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1293238	135.264	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	9542327	132.892	ng	0.00
79) Terphenyl-d14	19.833	244	10741844	135.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	633133	58.600	ng	99
3) Pyridine	3.717	79	1940108m	60.341	ng	
4) n-Nitrosodimethylamine	3.628	42	886792	60.773	ng	98
6) Aniline	7.181	93	1934266	61.416	ng	99
8) 2-Chlorophenol	7.416	128	1742448	62.660	ng	98
9) Benzaldehyde	6.987	77	888135	52.578	ng	99
10) Phenol	7.040	94	2252760	63.333	ng	97
11) bis(2-Chloroethyl)ether	7.275	93	1730259	60.591	ng	99
12) 1,3-Dichlorobenzene	7.740	146	1854079	60.914	ng	99
13) 1,4-Dichlorobenzene	7.887	146	1892143	61.033	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1877483	61.537	ng	100
15) Benzyl Alcohol	8.087	79	1531455	63.643	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.381	45	2358074	58.702	ng	99
17) 2-Methylphenol	8.287	107	1429553	62.911	ng	99
18) Hexachloroethane	8.940	117	749536	60.522	ng	99
19) n-Nitroso-di-n-propyla...	8.663	70	1491219	62.260	ng	98
20) 3+4-Methylphenols	8.622	107	1991121	62.798	ng	98
22) Acetophenone	8.675	105	2855264	62.541	ng	98
24) Nitrobenzene	9.052	77	2188384	61.376	ng	99
25) Isophorone	9.581	82	3772893	61.849	ng	98
26) 2-Nitrophenol	9.757	139	845610	69.598	ng	98
27) 2,4-Dimethylphenol	9.822	122	1154756	62.697	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	2330222	60.814	ng	99
29) 2,4-Dichlorophenol	10.293	162	1521433	65.020	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	1688520	62.996	ng	99
31) Naphthalene	10.698	128	5843030	62.302	ng	99
32) Benzoic acid	9.981	122	1116767	59.624	ng	99
33) 4-Chloroaniline	10.804	127	2085649	61.507	ng	99
34) Hexachlorobutadiene	10.993	225	929673	62.620	ng	99
35) Caprolactam	11.593	113	487846	63.293	ng	97
36) 4-Chloro-3-methylphenol	11.928	107	1715963	63.989	ng	99
37) 2-Methylnaphthalene	12.310	142	3965561	63.530	ng	99
38) 1-Methylnaphthalene	12.528	142	3930943	63.370	ng	100
40) 1,2,4,5-Tetrachloroben...	12.675	216	1753724	65.522	ng	100
41) Hexachlorocyclopentadiene	12.663	237	575739	65.800	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1127861	67.261	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047526.D
Acq On : 14 Sep 2024 15:54
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 08:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	1247714	65.878	ng		99
46) 1,1'-Biphenyl	13.322	154	4962549	64.482	ng		98
47) 2-Chloronaphthalene	13.357	162	3830459	64.100	ng		100
48) 2-Nitroaniline	13.551	65	1160615	66.125	ng		99
49) Acenaphthylene	14.204	152	5553573	64.401	ng		99
50) Dimethylphthalate	13.945	163	4162540	61.743	ng		100
51) 2,6-Dinitrotoluene	14.051	165	913672	64.198	ng		99
52) Acenaphthene	14.545	154	3922692	64.922	ng		99
53) 3-Nitroaniline	14.381	138	1021704	64.587	ng		93
54) 2,4-Dinitrophenol	14.581	184	423951	59.540	ng		93
55) Dibenzofuran	14.881	168	5363983	63.175	ng		100
56) 4-Nitrophenol	14.681	139	847413	65.100	ng		97
57) 2,4-Dinitrotoluene	14.833	165	1224626	64.518	ng		99
58) Fluorene	15.528	166	4952783	64.791	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	954981	64.671	ng		98
60) Diethylphthalate	15.310	149	4407420	61.427	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	2280190	65.236	ng		99
62) 4-Nitroaniline	15.539	138	1209326	65.036	ng		99
63) Azobenzene	15.816	77	4771374	60.394	ng		99
65) 4,6-Dinitro-2-methylph...	15.598	198	563860	60.152	ng		89
66) n-Nitrosodiphenylamine	15.733	169	3612114	66.434	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	1164484	67.430	ng		94
68) Hexachlorobenzene	16.527	284	1298214	66.357	ng		98
69) Atrazine	16.680	200	954543	63.518	ng		99
70) Pentachlorophenol	16.869	266	800527	70.588	ng		100
71) Phenanthrene	17.257	178	6381802	65.155	ng		100
72) Anthracene	17.351	178	6231891	66.223	ng		100
73) Carbazole	17.616	167	6004968	64.390	ng		99
74) Di-n-butylphthalate	18.186	149	7206516	64.583	ng		100
75) Fluoranthene	19.268	202	6841477	64.019	ng		100
77) Benzidine	19.445	184	1004196	50.257	ng		98
78) Pyrene	19.627	202	7114617	68.749	ng		99
80) Butylbenzylphthalate	20.527	149	2667582	66.961	ng		96
81) Benzo(a)anthracene	21.427	228	5849988	63.261	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	1531051	62.240	ng		99
83) Chrysene	21.486	228	5501560	62.898	ng		100
84) Bis(2-ethylhexyl)phtha...	21.357	149	4125584	66.107	ng		98
85) Di-n-octyl phthalate	22.509	149	5924302	67.112	ng		99
87) Indeno(1,2,3-cd)pyrene	27.909	276	5148546	71.030	ng	#	91
88) Benzo(b)fluoranthene	23.515	252	5112237	65.235	ng		99
89) Benzo(k)fluoranthene	23.580	252	5026241	64.715	ng		99
90) Benzo(a)pyrene	24.333	252	4276255	66.577	ng		99
91) Dibenzo(a,h)anthracene	27.968	278	4352464	71.370	ng		99
92) Benzo(g,h,i)perylene	28.974	276	4255468	71.434	ng		98

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

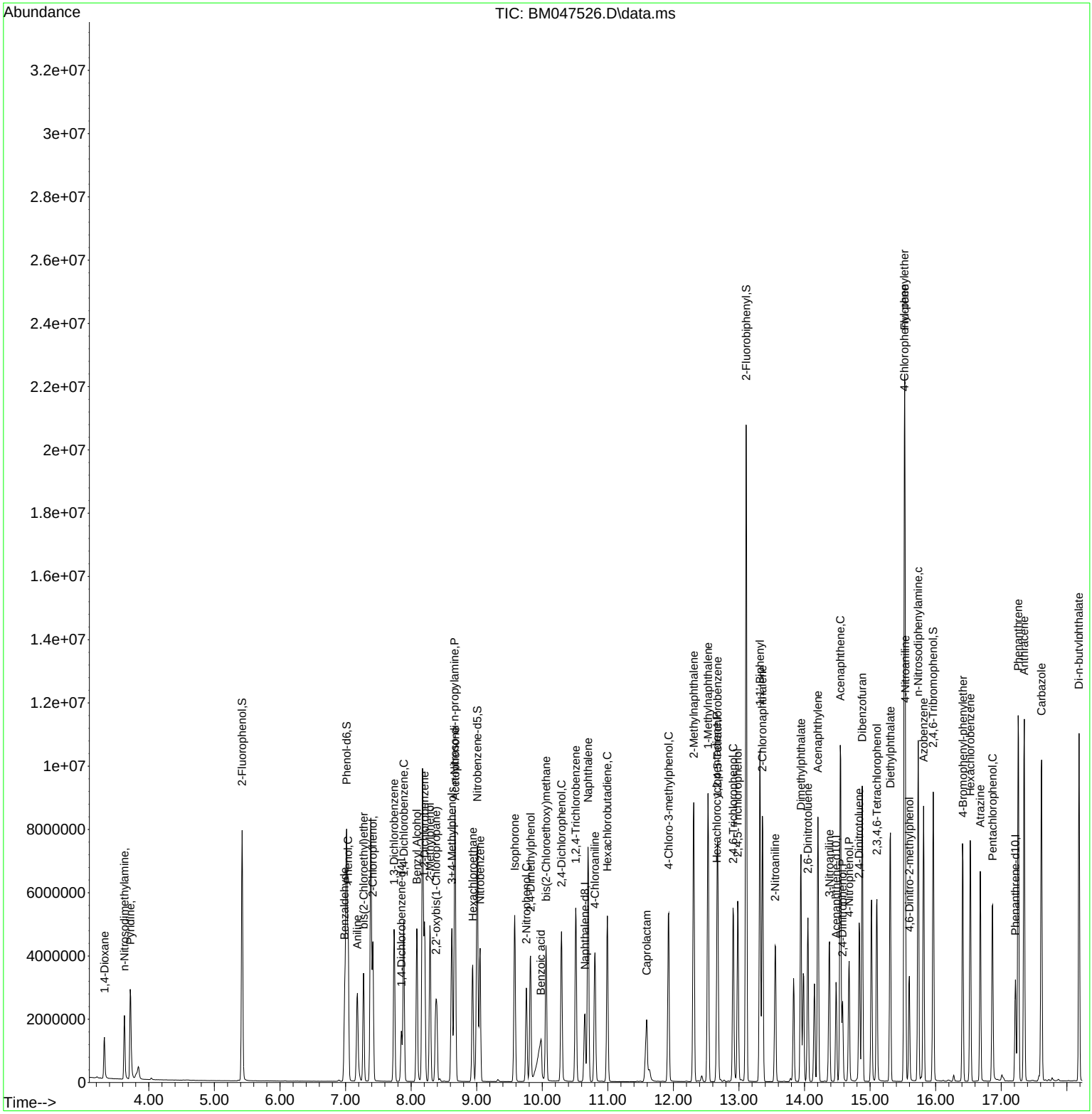
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Data File : BM047526.D
Acq On : 14 Sep 2024 15:54
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 08:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



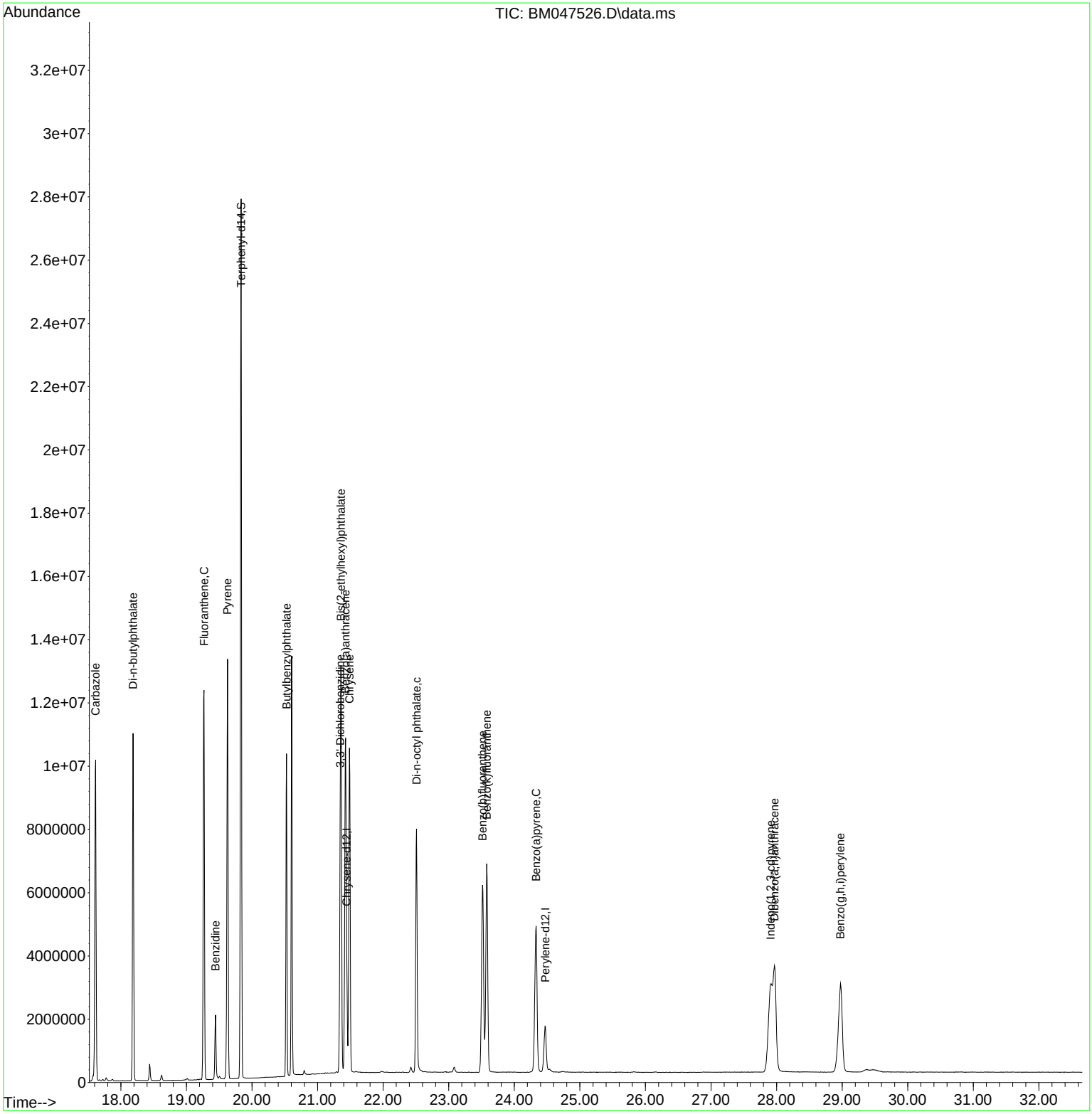
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Data File : BM047526.D
Acq On : 14 Sep 2024 15:54
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

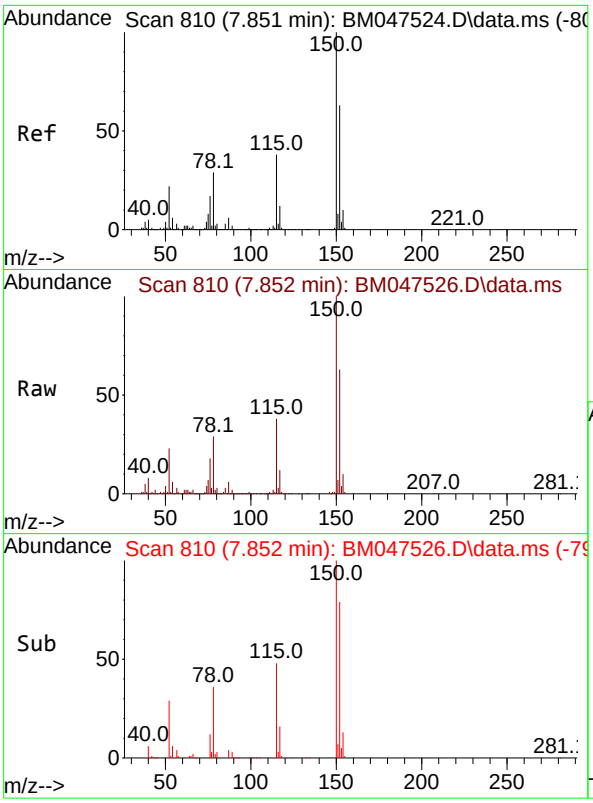
Quant Time: Sep 15 08:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

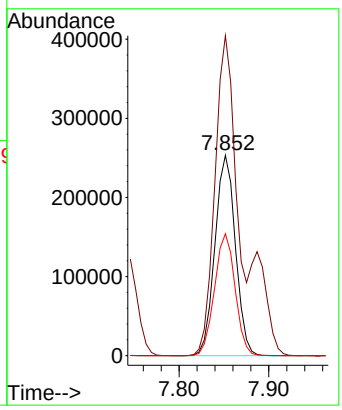




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. 0.001 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:152 Resp: 40164

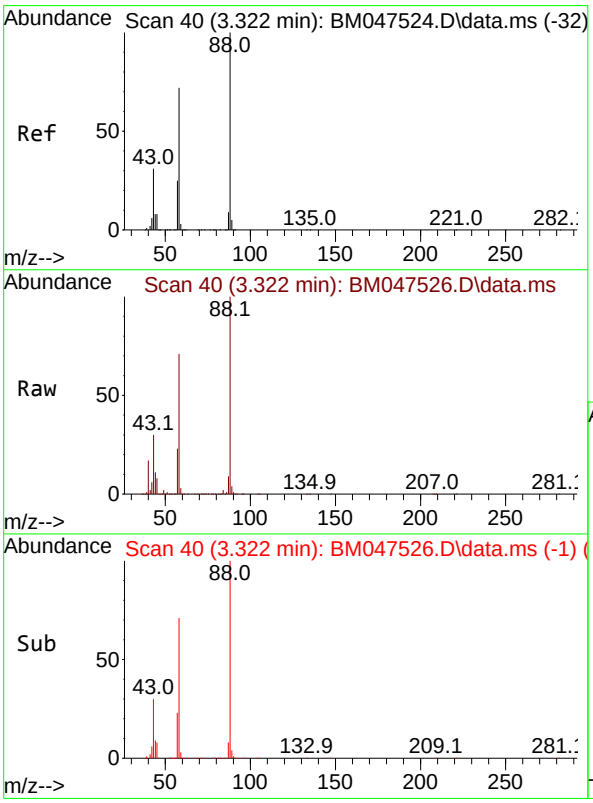
Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.8	190.2
115	60.8	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

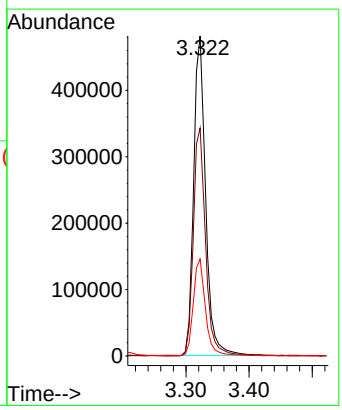
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

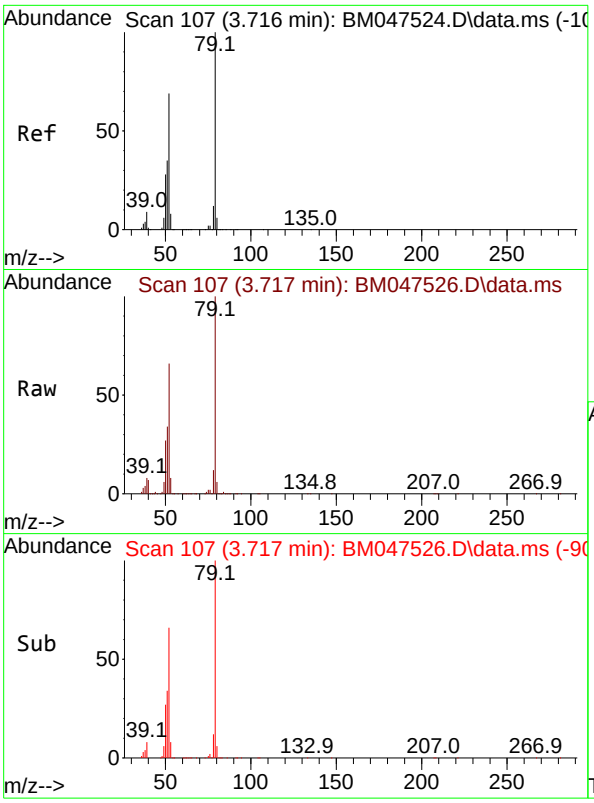


#2
1,4-Dioxane
Concen: 58.600 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 88 Resp: 633133

Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.0	88.6
43	30.7	25.0	37.4

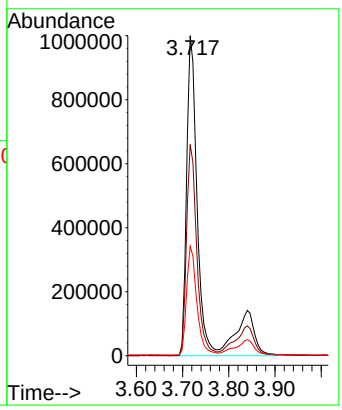




#3
Pyridine
Concen: 60.341 ng m
RT: 3.717 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 79 Resp: 194010

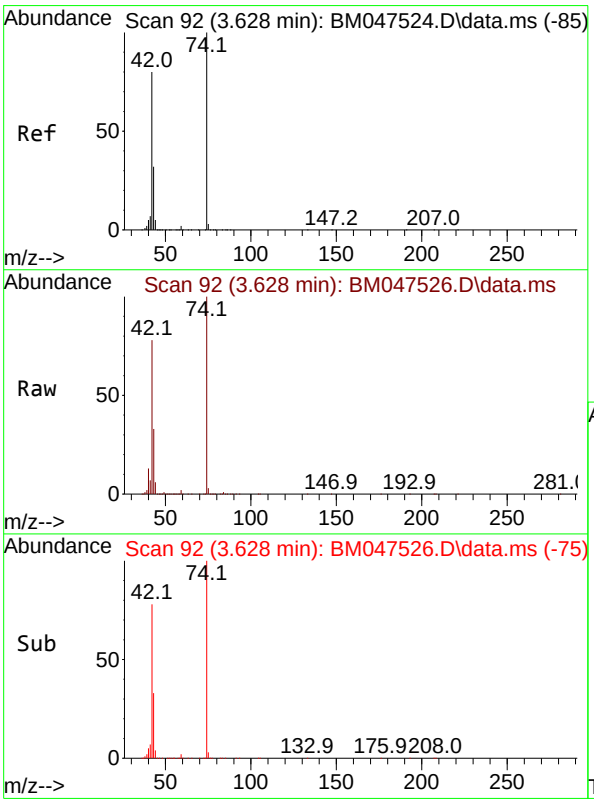
Ion	Ratio	Lower	Upper
79	100		
52	66.0	55.4	83.0
51	34.2	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

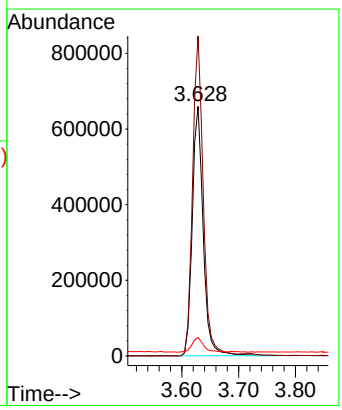
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

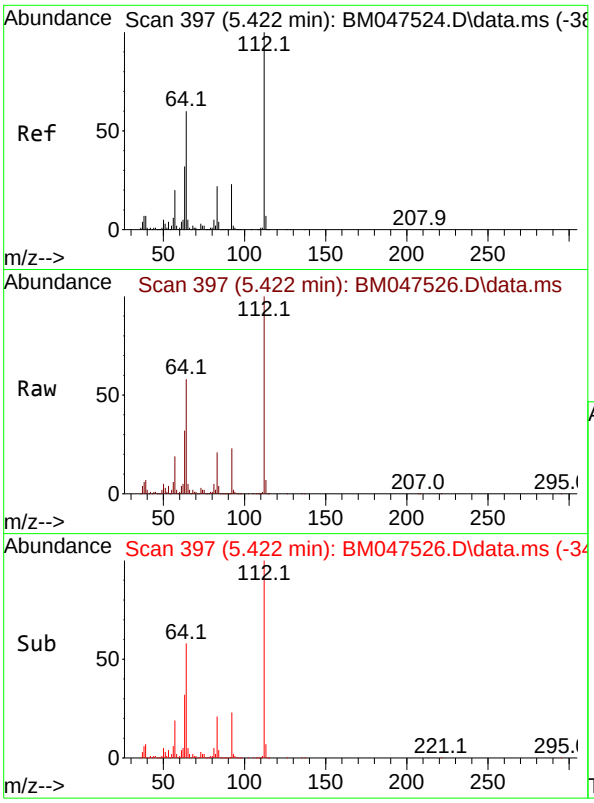


#4
n-Nitrosodimethylamine
Concen: 60.773 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 42 Resp: 886792

Ion	Ratio	Lower	Upper
42	100		
74	128.2	100.5	150.7
44	7.4	6.9	10.3

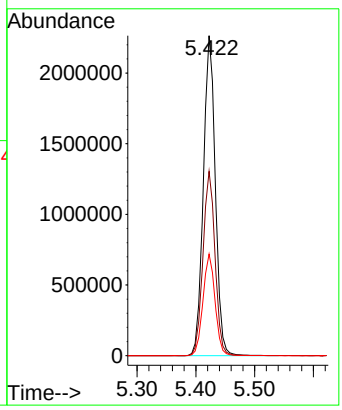




#5
2-Fluorophenol
Concen: 127.175 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:112 Resp: 320803

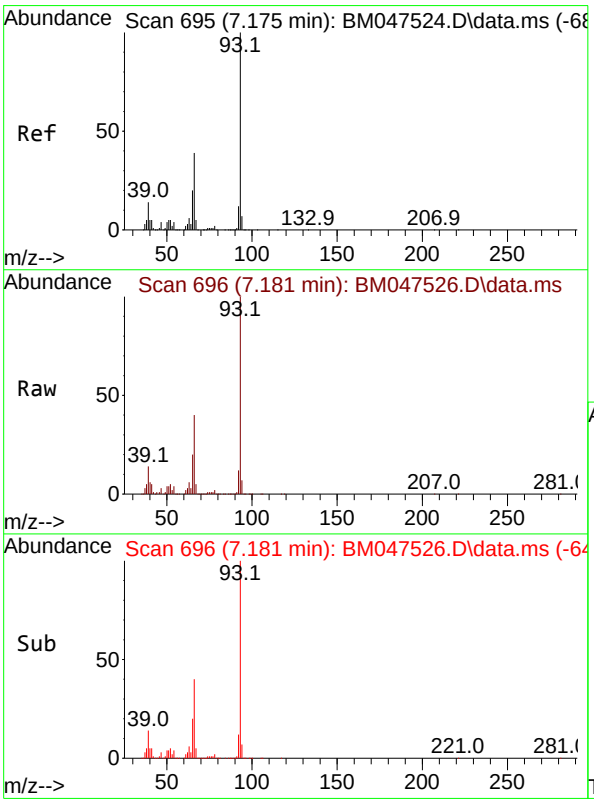
Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.2	72.4
63	31.8	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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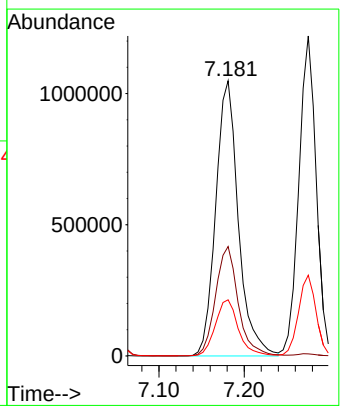
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

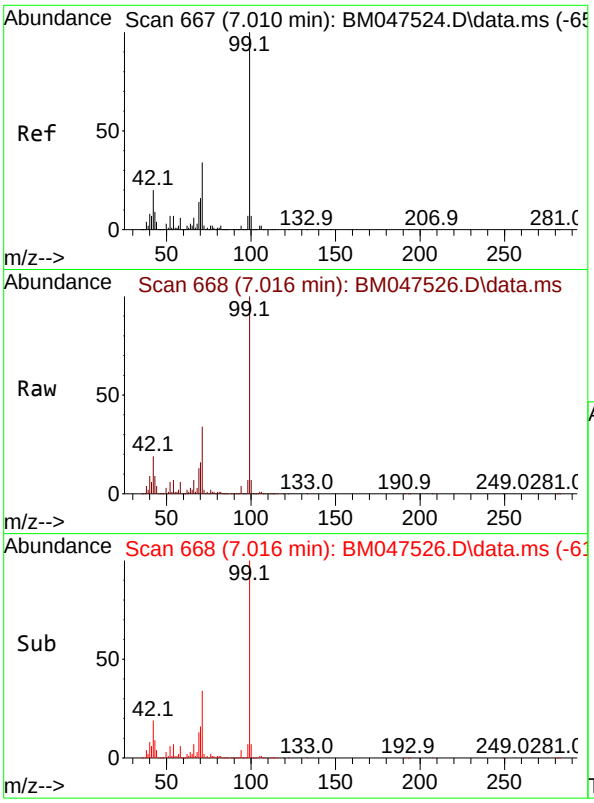


#6
Aniline
Concen: 61.416 ng
RT: 7.181 min Scan# 696
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 93 Resp: 1934266

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.4	47.0
65	20.4	16.3	24.5

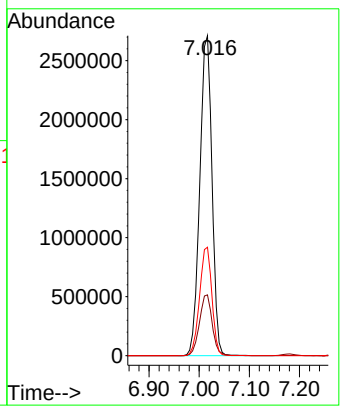




#7
Phenol-d6
Concen: 128.919 ng
RT: 7.016 min Scan# 6(
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 99 Resp: 457977

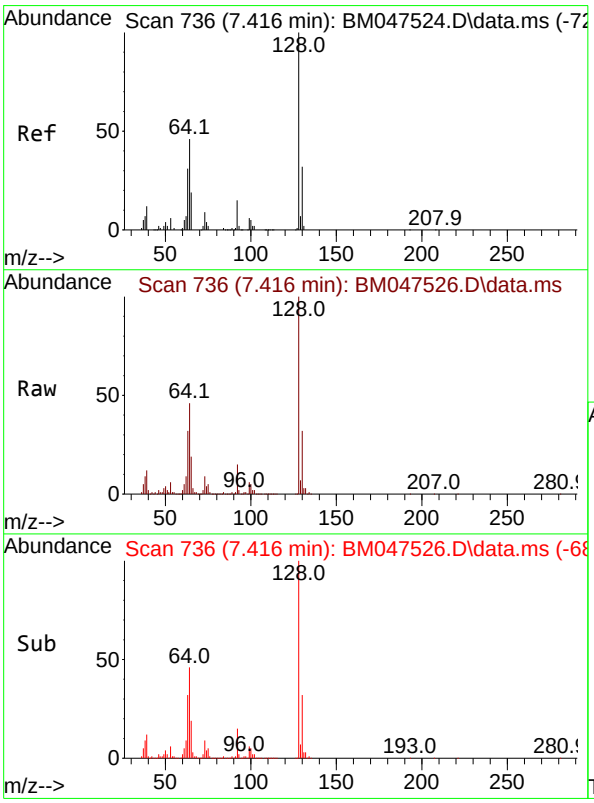
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.8
71	33.9	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

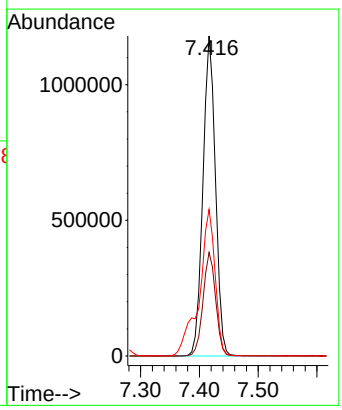
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

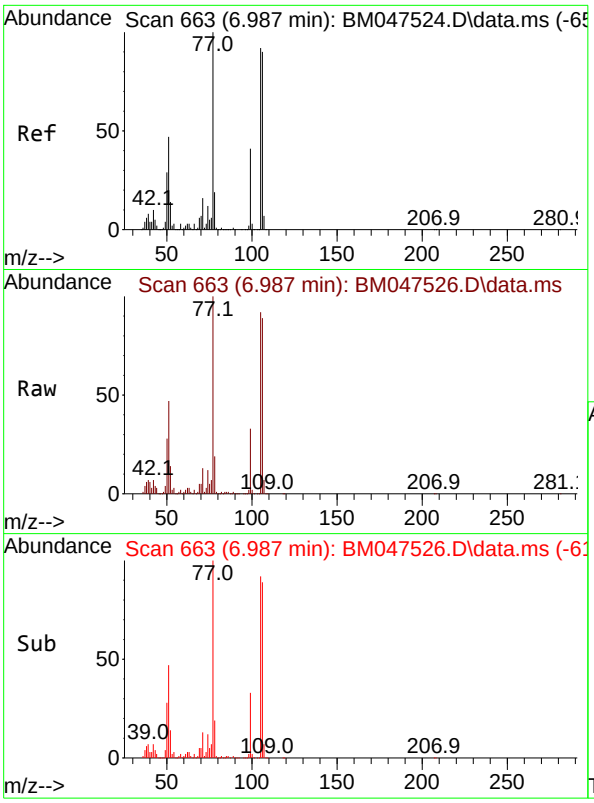


#8
2-Chlorophenol
Concen: 62.660 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:128 Resp: 1742448

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.8	51.8
64	45.8	27.6	67.6

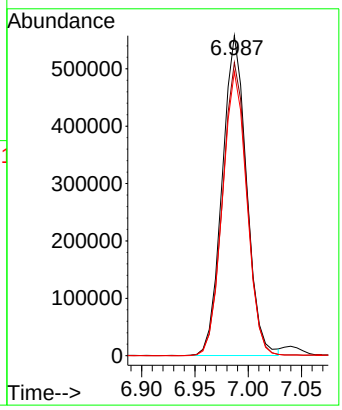




#9
Benzaldehyde
Concen: 52.578 ng
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 77 Resp: 88813

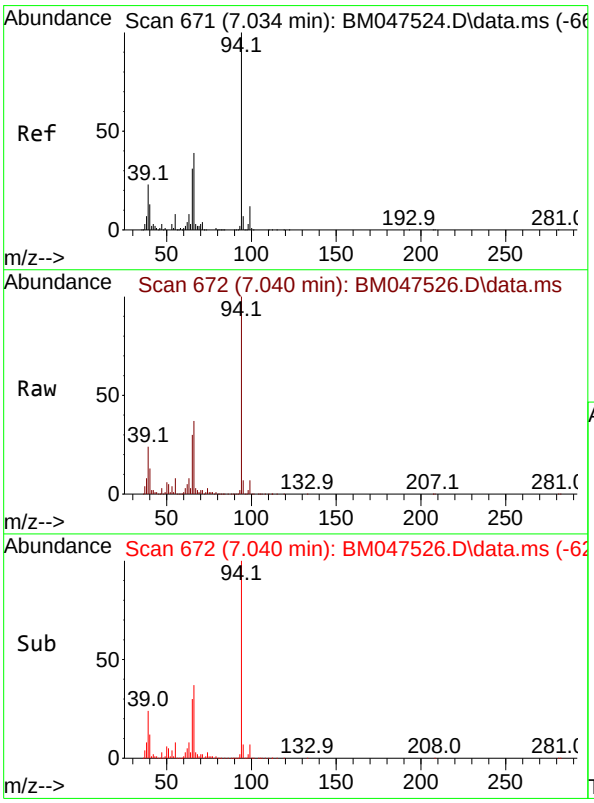
Ion	Ratio	Lower	Upper
77	100		
105	91.6	71.8	111.8
106	88.7	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

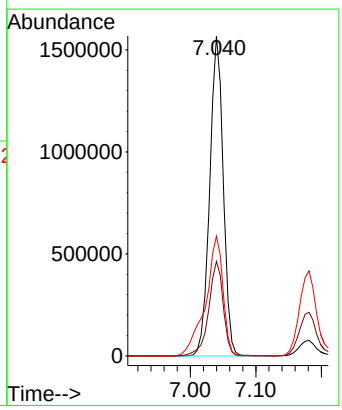
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

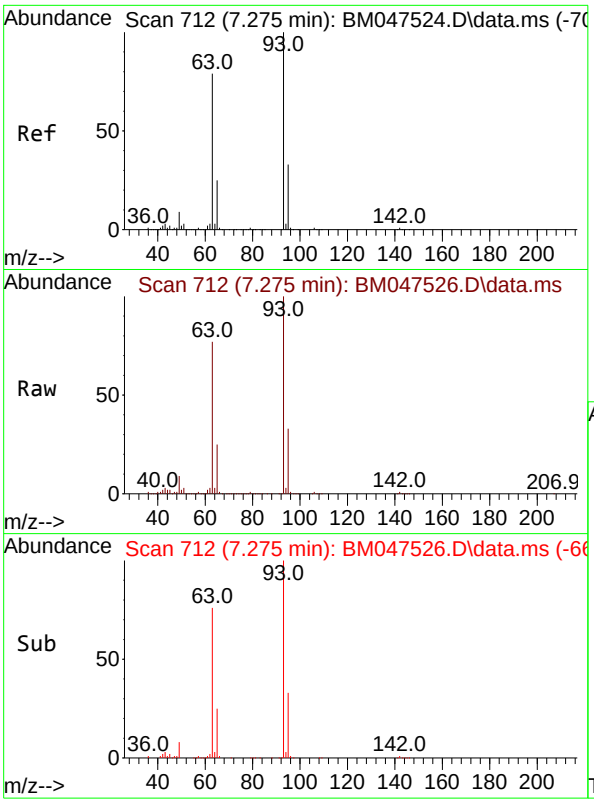


#10
Phenol
Concen: 63.333 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 94 Resp: 2252760

Ion	Ratio	Lower	Upper
94	100		
65	29.6	10.8	50.8
66	37.4	19.2	59.2

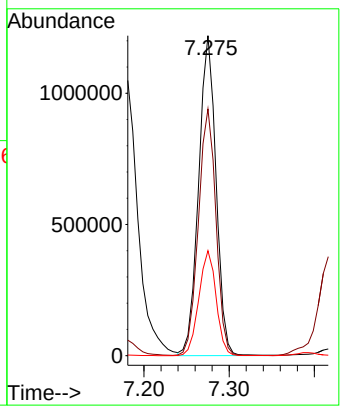




#11
bis(2-Chloroethyl)ether
Concen: 60.591 ng
RT: 7.275 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 93 Resp: 173025

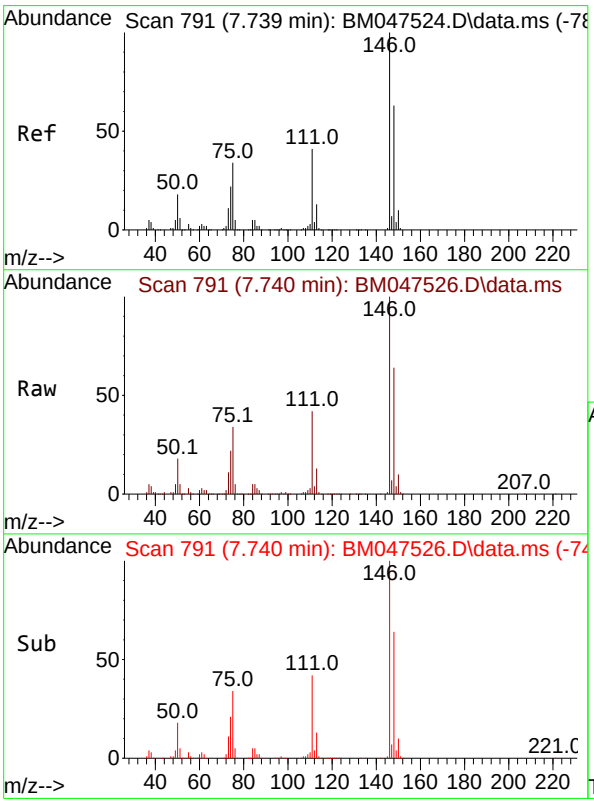
Ion	Ratio	Lower	Upper
93	100		
63	77.1	58.2	98.2
95	32.8	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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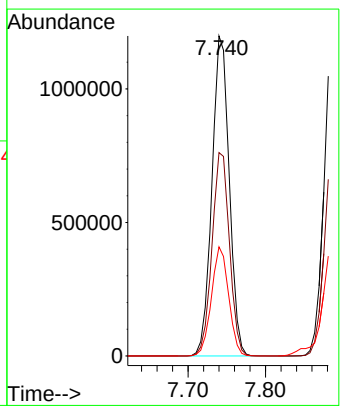
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

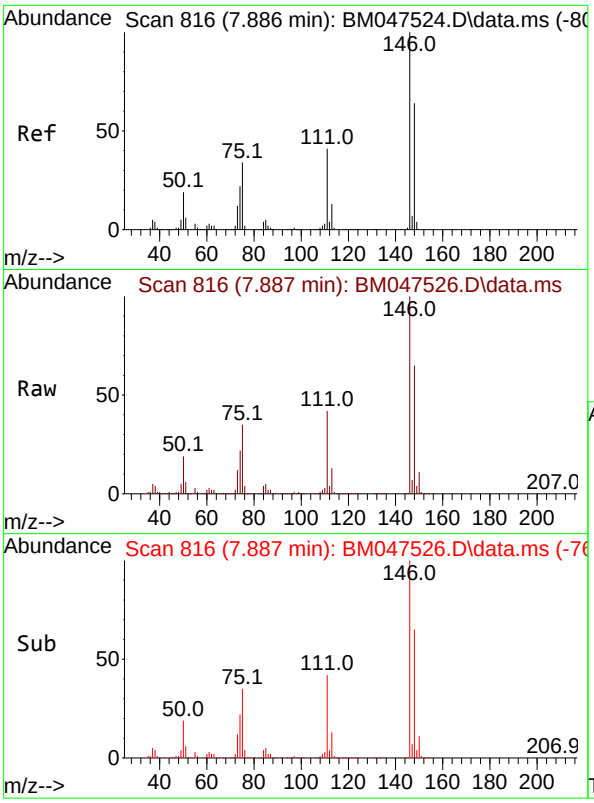


#12
1,3-Dichlorobenzene
Concen: 60.914 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:146 Resp: 1854079

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
75	34.1	27.4	41.0

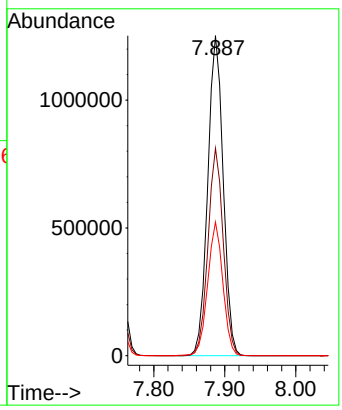




#13
1,4-Dichlorobenzene
Concen: 61.033 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:146 Resp: 189214

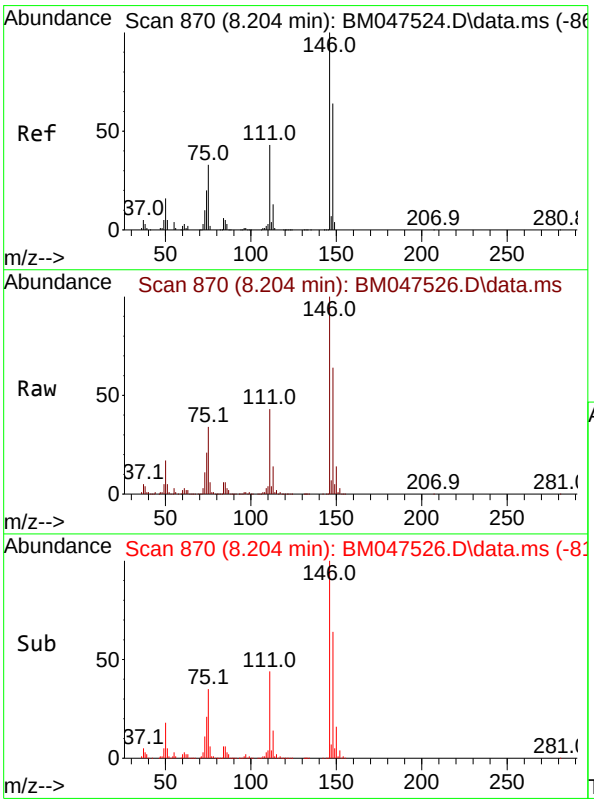
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	41.8	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

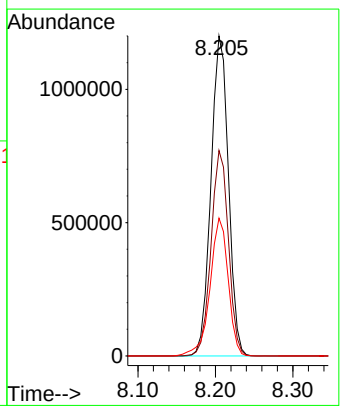
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

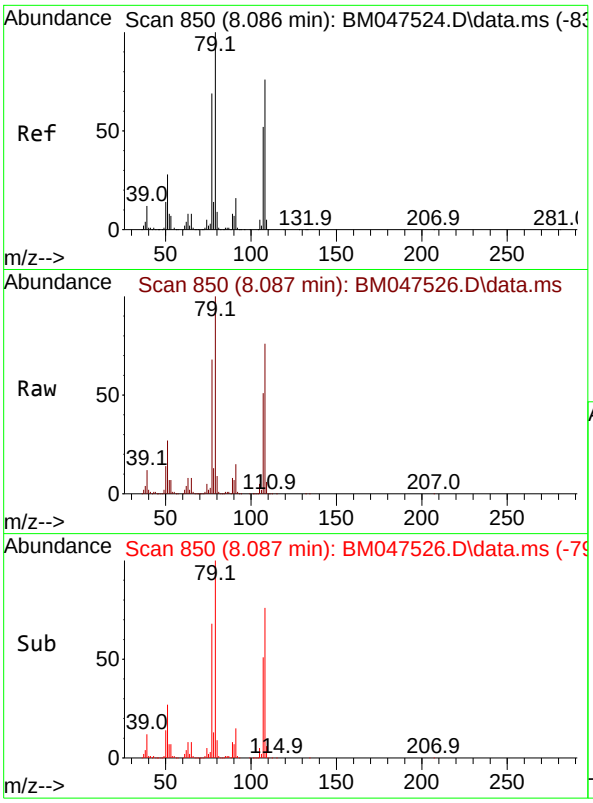


#14
1,2-Dichlorobenzene
Concen: 61.537 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:146 Resp: 1877483

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	43.0	34.7	52.1

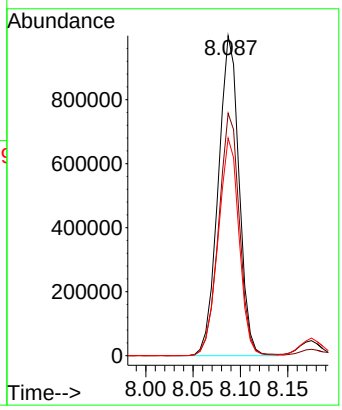




#15
Benzyl Alcohol
Concen: 63.643 ng
RT: 8.087 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 79 Resp: 153145

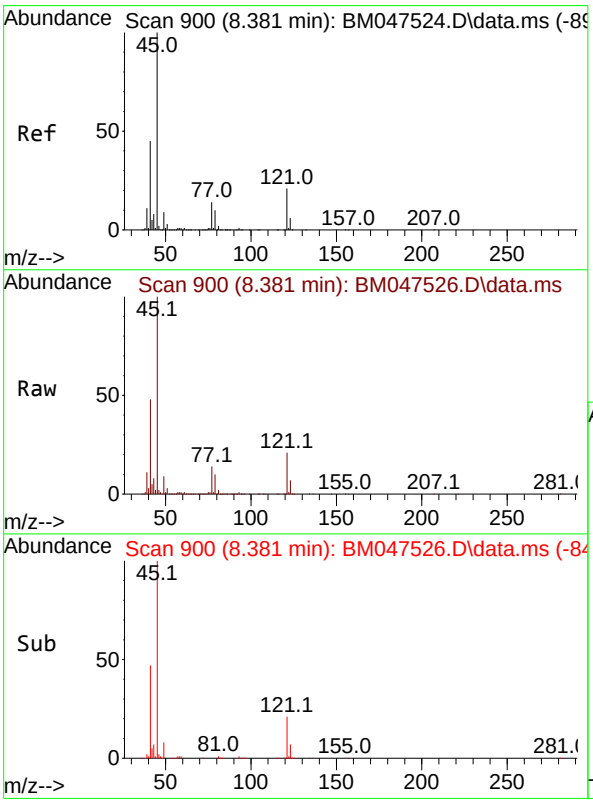
Ion	Ratio	Lower	Upper
79	100		
108	75.7	60.6	91.0
77	68.0	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

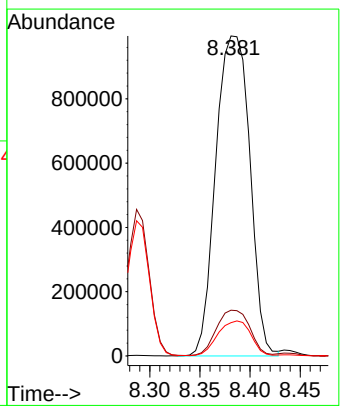
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

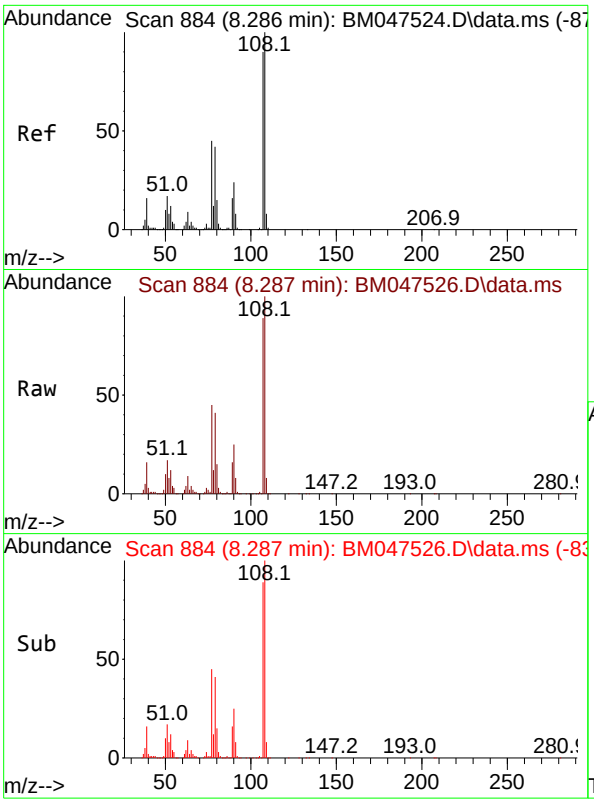


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.702 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 45 Resp: 2358074

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.7
79	10.4	0.0	30.3

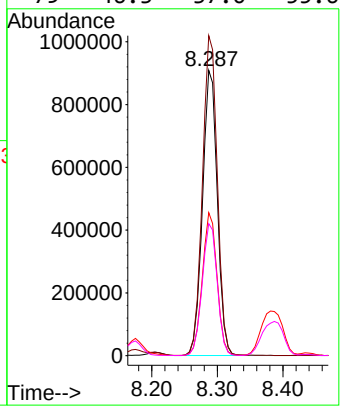




#17
2-Methylphenol
Concen: 62.911 ng
RT: 8.287 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:107 Resp: 142955

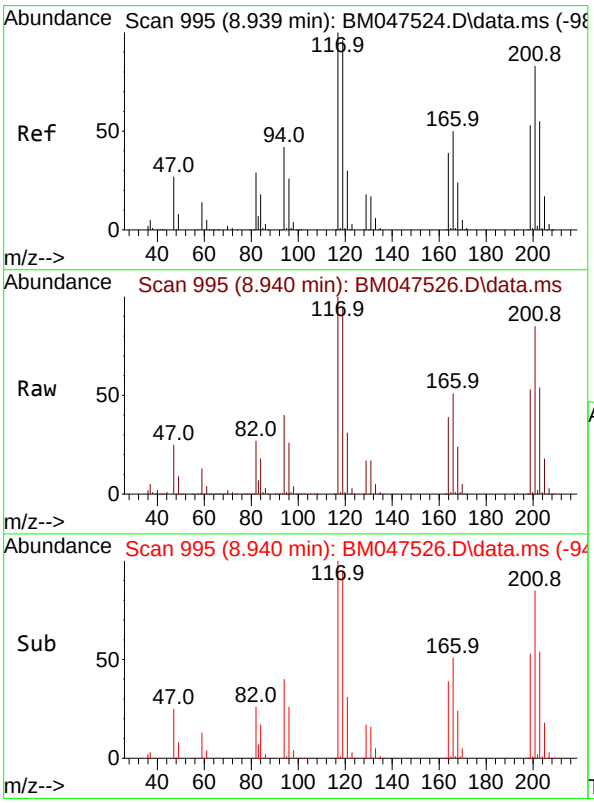
Ion	Ratio	Lower	Upper
107	100		
108	112.2	88.9	133.3
77	50.2	39.8	59.8
79	46.3	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

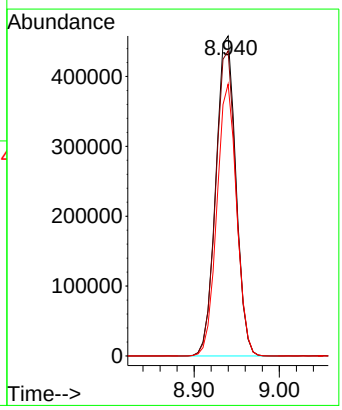
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

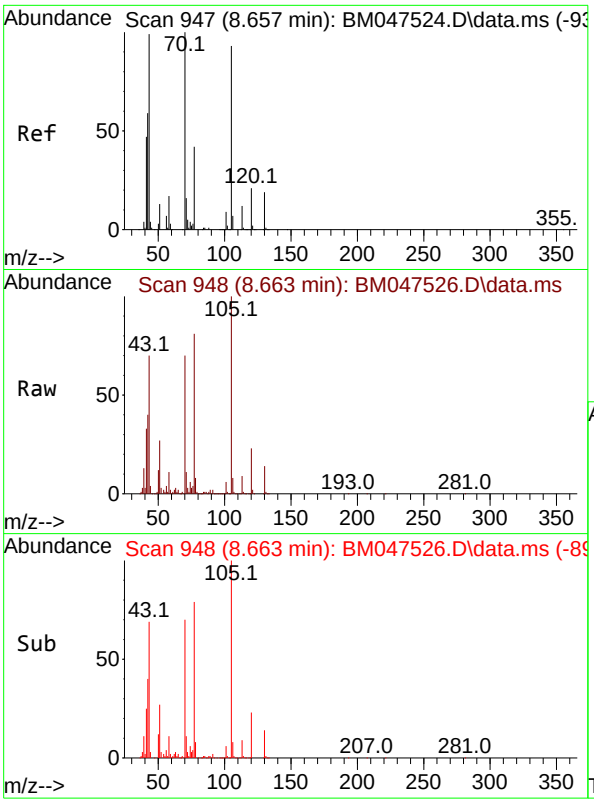


#18
Hexachloroethane
Concen: 60.522 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:117 Resp: 749536

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	85.0	66.8	100.2

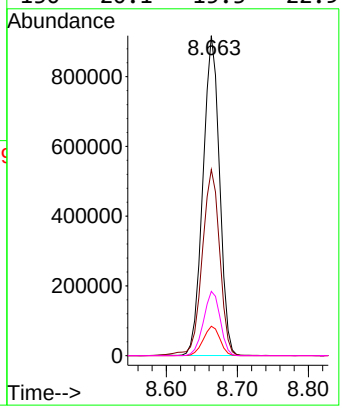




#19
n-Nitroso-di-n-propylamine
Concen: 62.260 ng
RT: 8.663 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 70 Resp: 149121

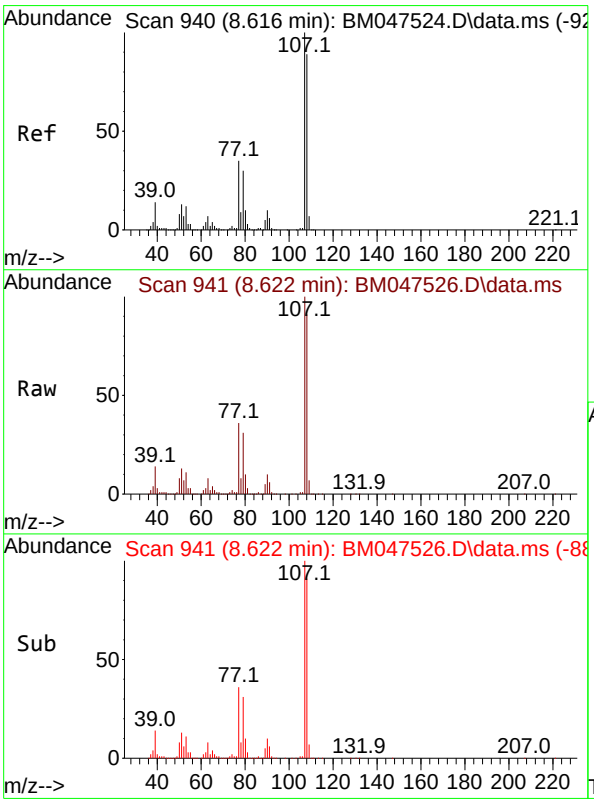
Ion	Ratio	Lower	Upper
70	100		
42	58.2	48.2	72.2
101	9.2	7.0	10.4
130	20.1	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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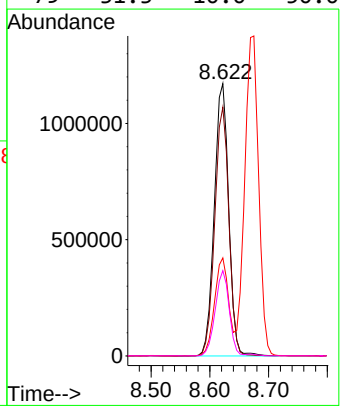
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

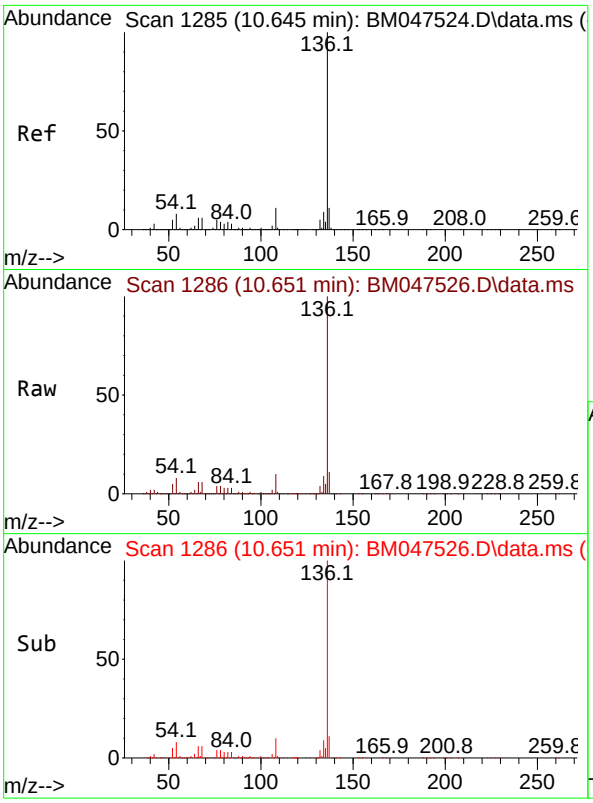


#20
3+4-Methylphenols
Concen: 62.798 ng
RT: 8.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:107 Resp: 1991121

Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.9	108.9
77	36.0	15.5	55.5
79	31.3	10.0	50.0

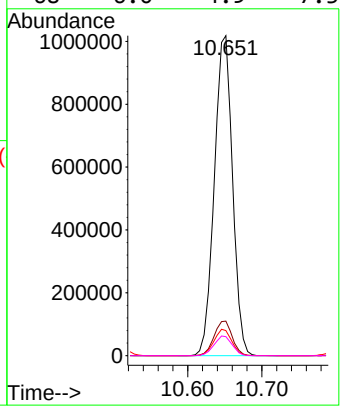




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:136 Resp: 173652

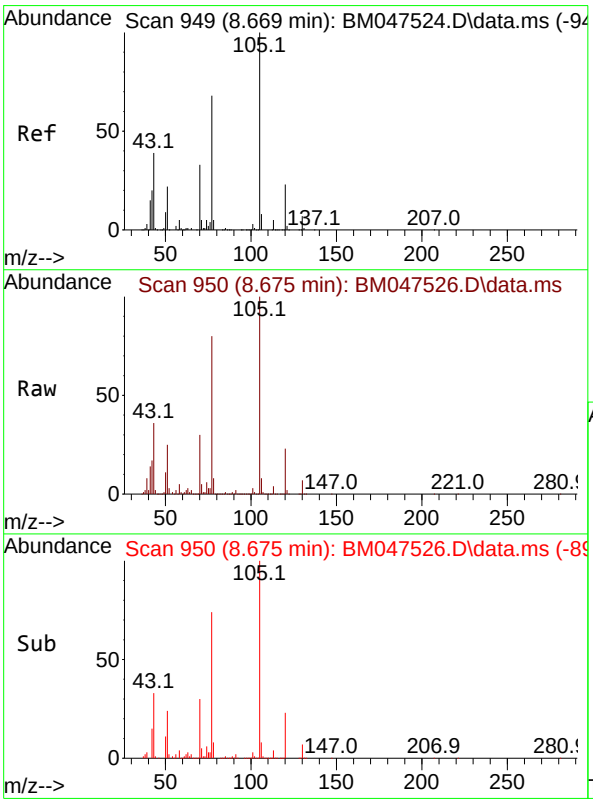
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.9	6.6	9.8
68	6.0	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

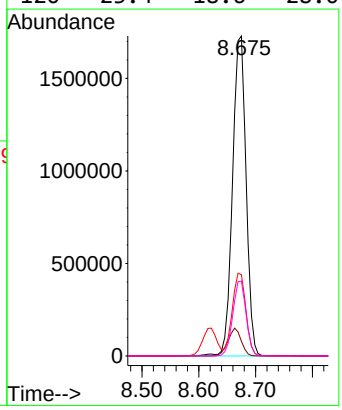
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

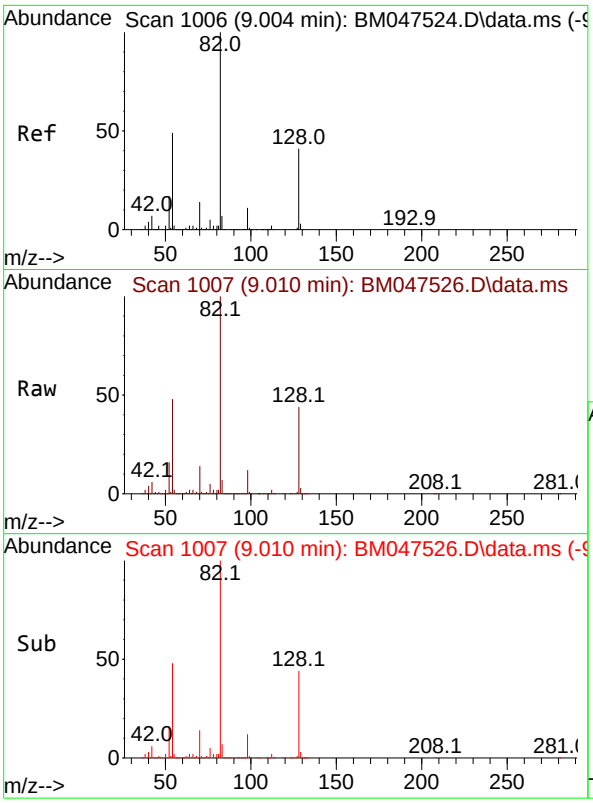


#22
Acetophenone
Concen: 62.541 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:105 Resp: 2855264

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.3	6.5
51	25.4	21.5	32.3
120	23.4	18.6	28.0

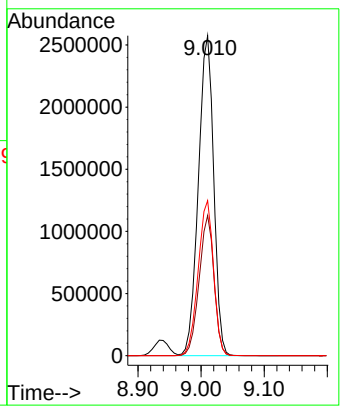




#23
Nitrobenzene-d5
Concen: 125.215 ng
RT: 9.010 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 82 Resp: 434478

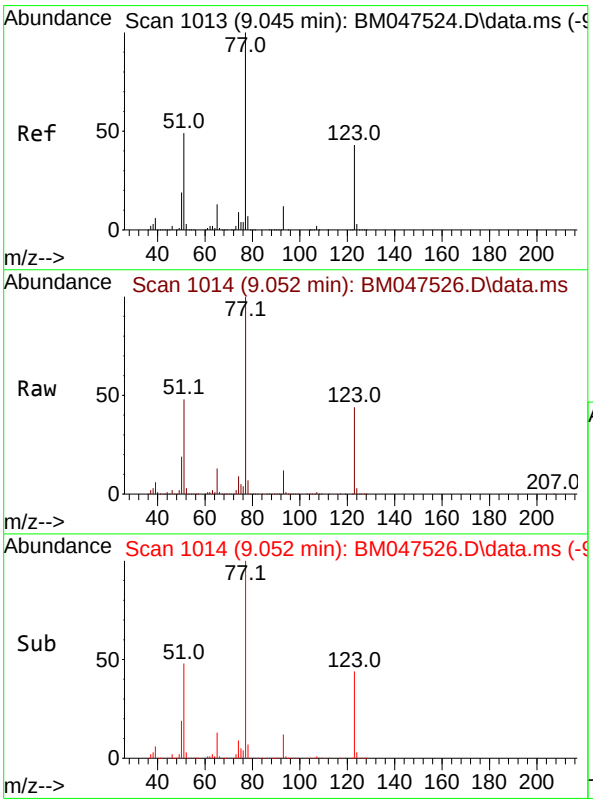
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.0	49.4
54	48.4	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

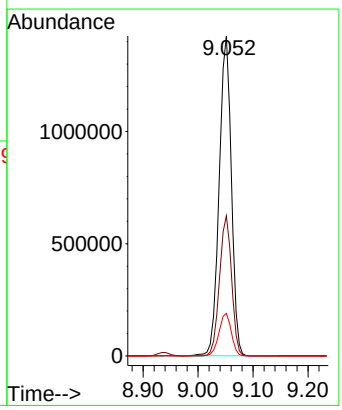
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

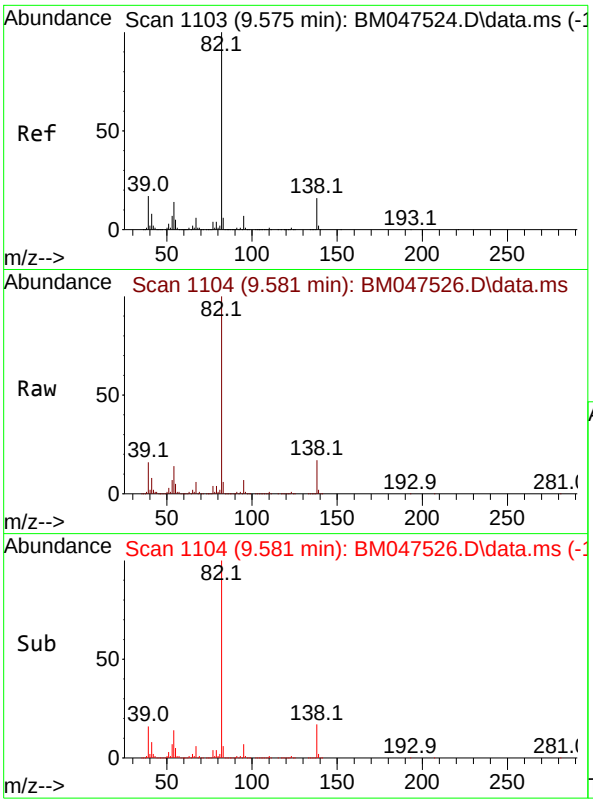


#24
Nitrobenzene
Concen: 61.376 ng
RT: 9.052 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 77 Resp: 2188384

Ion	Ratio	Lower	Upper
77	100		
123	43.8	34.5	51.7
65	13.3	10.7	16.1

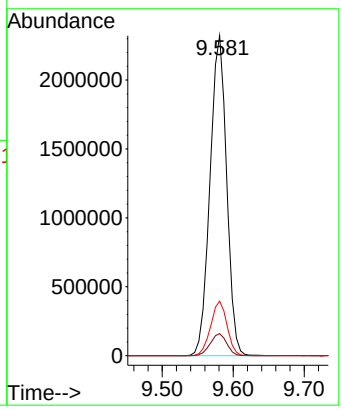




#25
Isophorone
Concen: 61.849 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 82 Resp: 377289

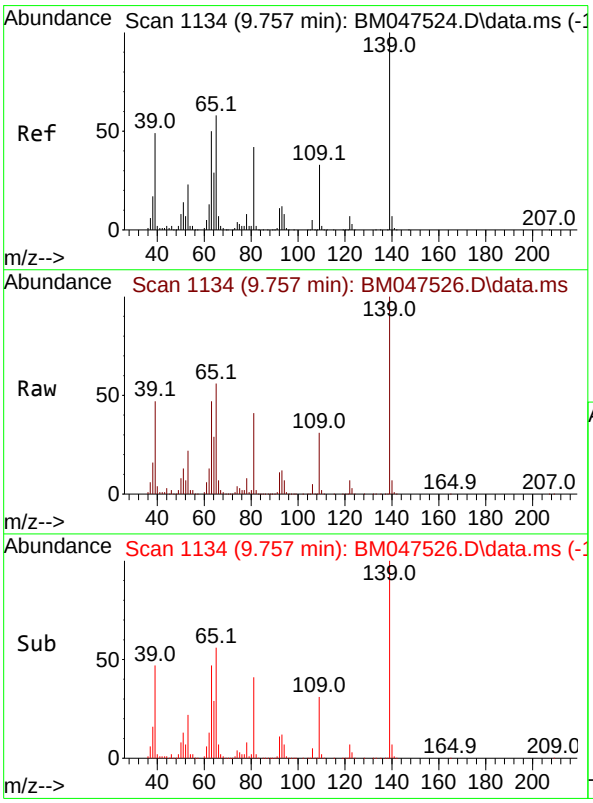
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	17.1	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

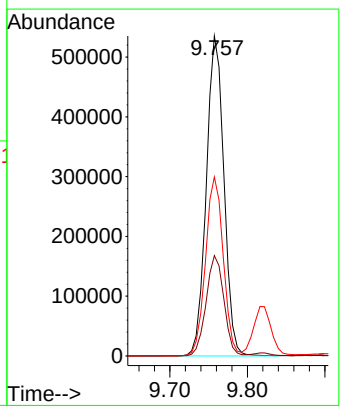
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

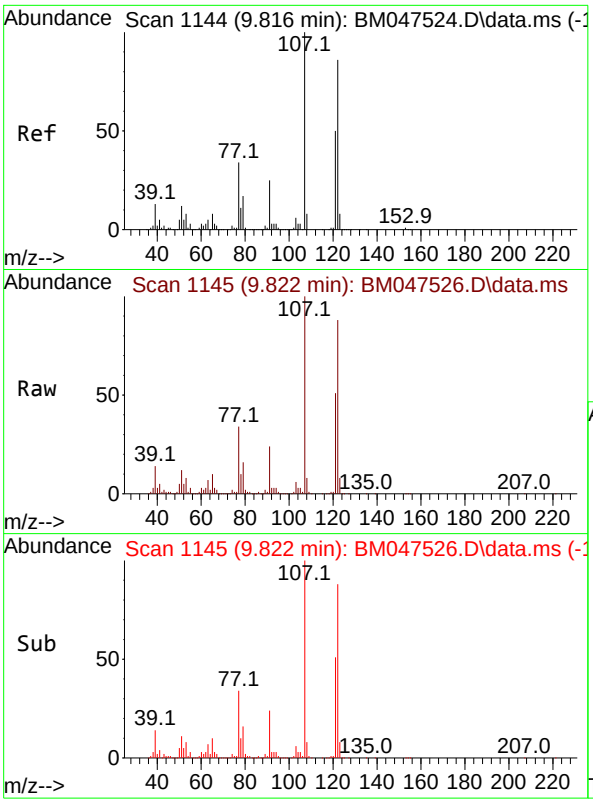


#26
2-Nitrophenol
Concen: 69.598 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:139 Resp: 845610

Ion	Ratio	Lower	Upper
139	100		
109	31.4	26.0	39.0
65	55.9	46.2	69.4

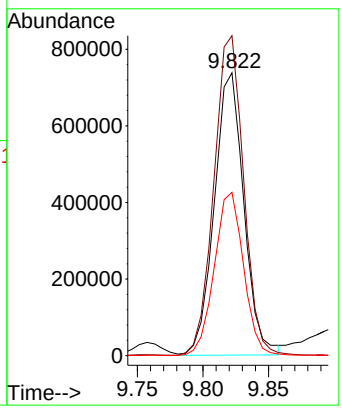




#27
2,4-Dimethylphenol
Concen: 62.697 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:122 Resp: 115475

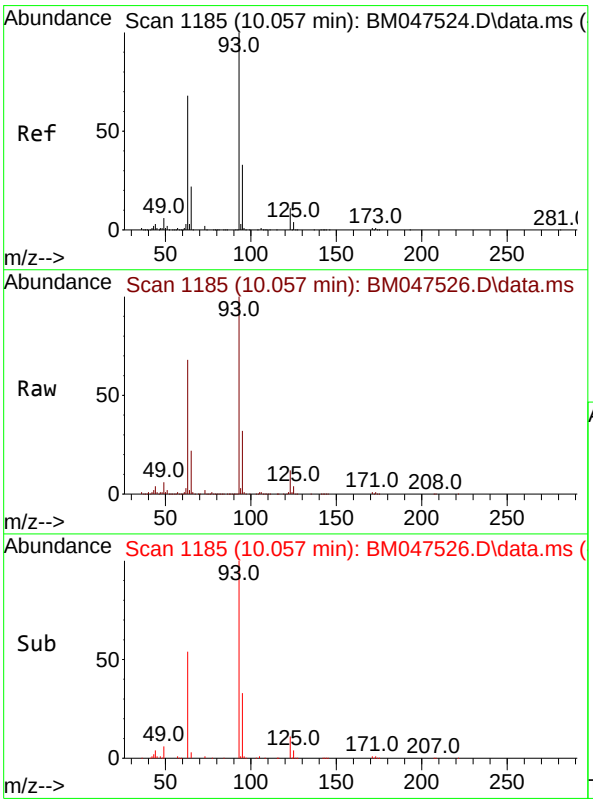
Ion	Ratio	Lower	Upper
122	100		
107	113.1	92.4	138.6
121	57.7	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

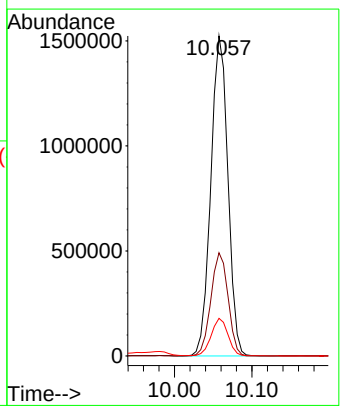
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

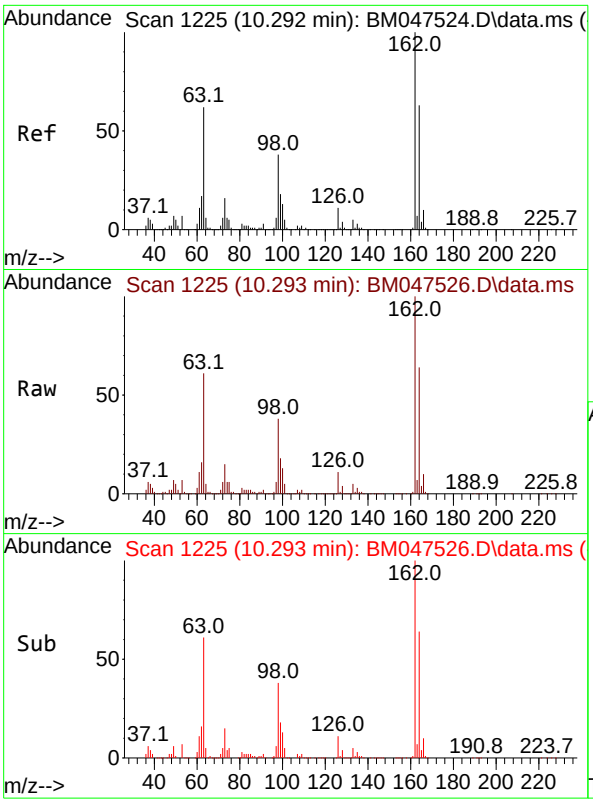


#28
bis(2-Chloroethoxy)methane
Concen: 60.814 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 93 Resp: 2330222

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.8	9.2	13.8

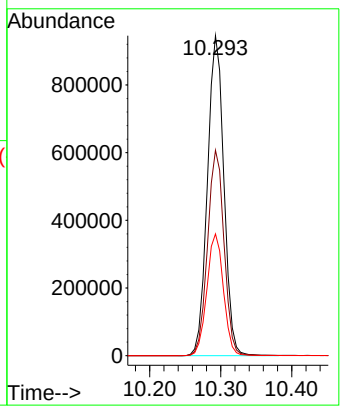




#29
2,4-Dichlorophenol
Concen: 65.020 ng
RT: 10.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:162 Resp: 152143

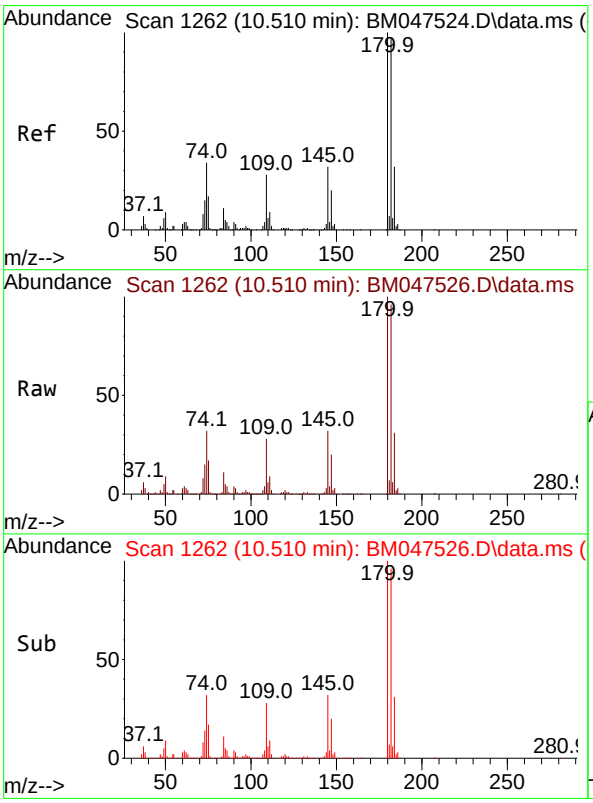
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.5	83.5
98	38.1	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

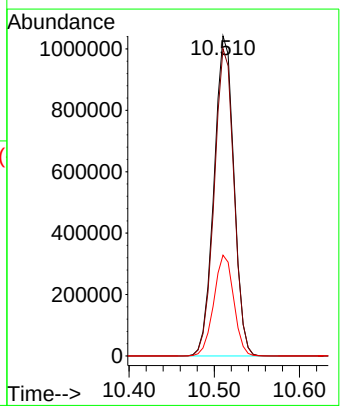
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

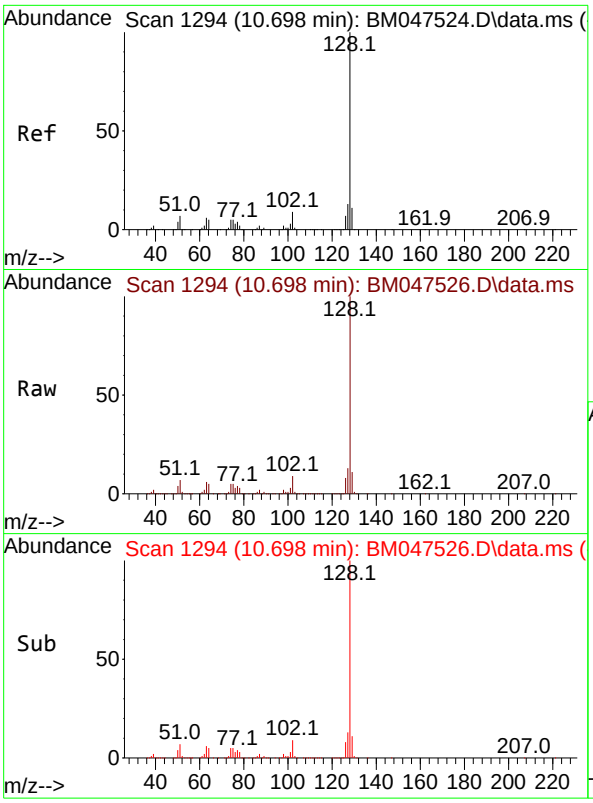


#30
1,2,4-Trichlorobenzene
Concen: 62.996 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:180 Resp: 1688520

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.6	116.4
145	31.5	25.4	38.0

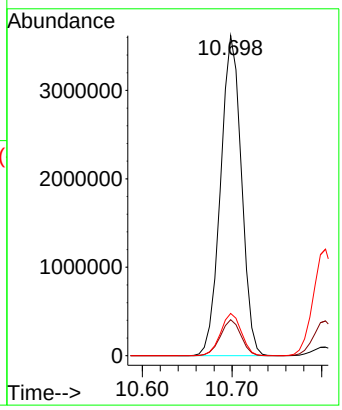




#31
Naphthalene
Concen: 62.302 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:128 Resp: 584303

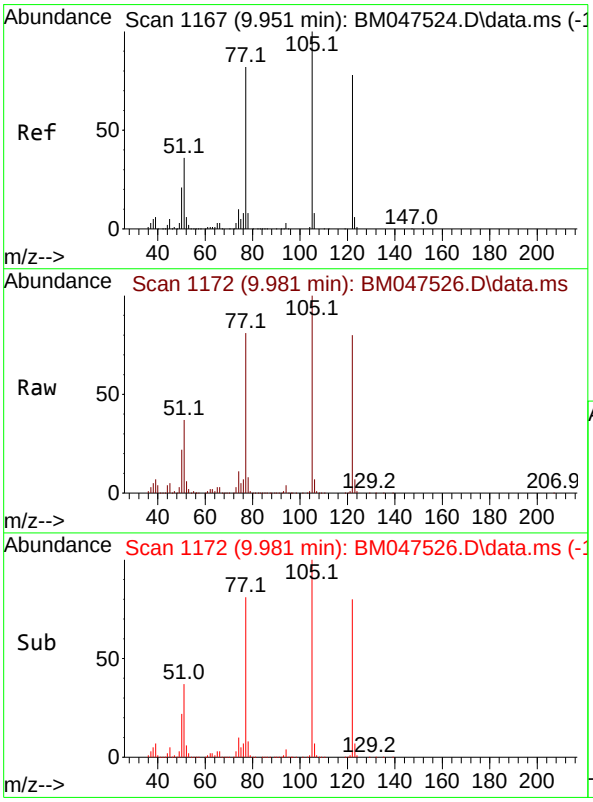
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.2	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

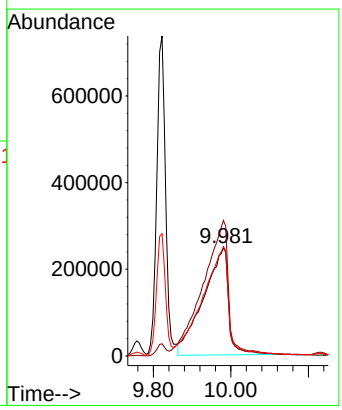
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

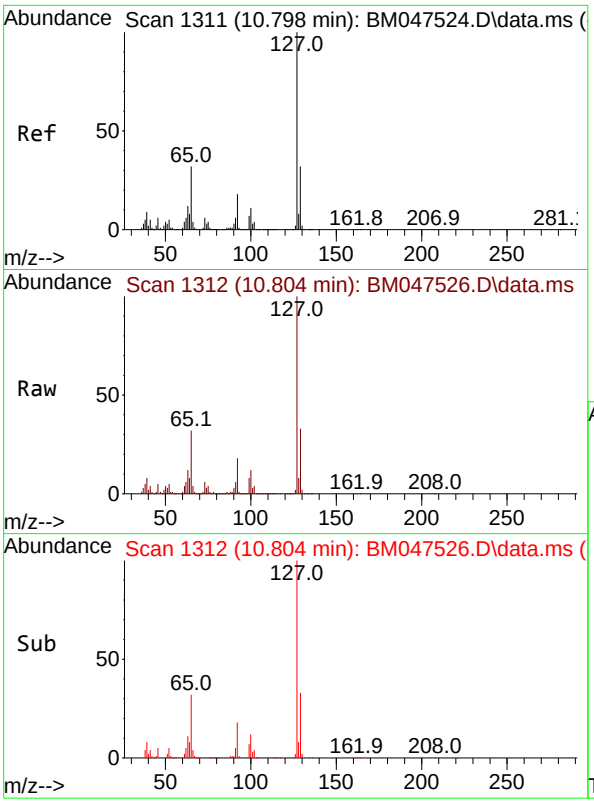


#32
Benzoic acid
Concen: 59.624 ng
RT: 9.981 min Scan# 1172
Delta R.T. 0.030 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:122 Resp: 1116767

Ion	Ratio	Lower	Upper
122	100		
105	125.5	104.7	144.7
77	101.3	83.4	123.4

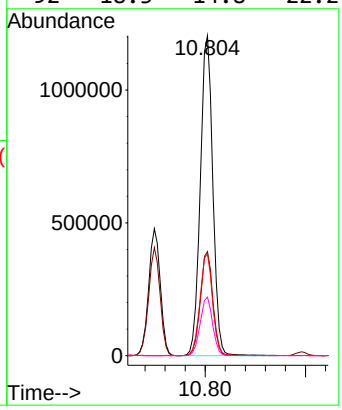




#33
4-Chloroaniline
Concen: 61.507 ng
RT: 10.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:127 Resp: 208564

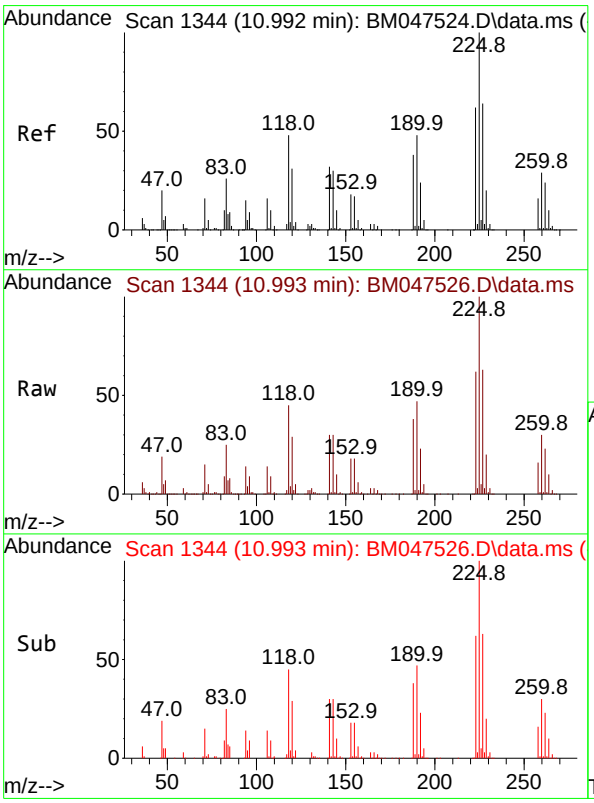
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	31.9	25.5	38.3
92	18.3	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

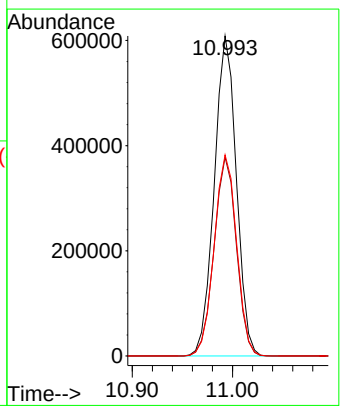
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

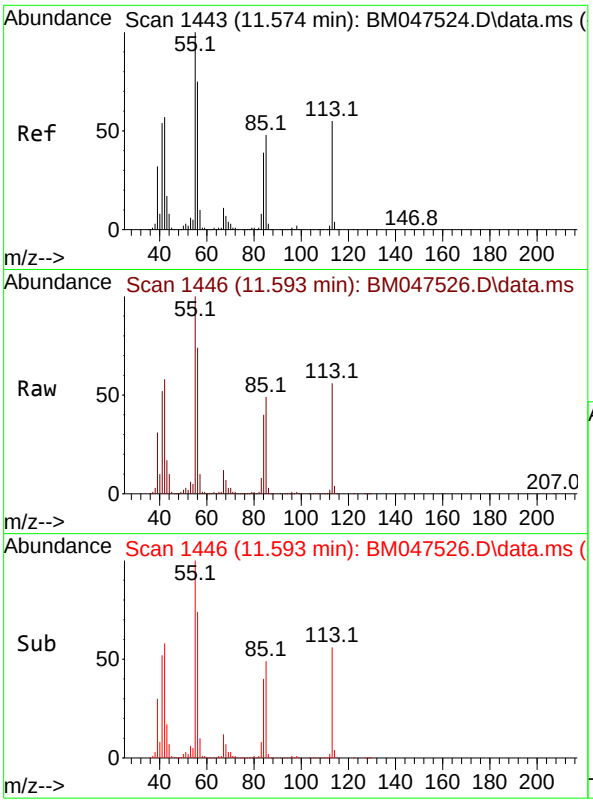


#34
Hexachlorobutadiene
Concen: 62.620 ng
RT: 10.993 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:225 Resp: 929673

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	62.8	51.0	76.4

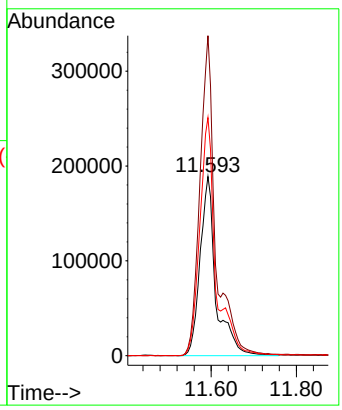




#35
Caprolactam
Concen: 63.293 ng
RT: 11.593 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:113 Resp: 48784

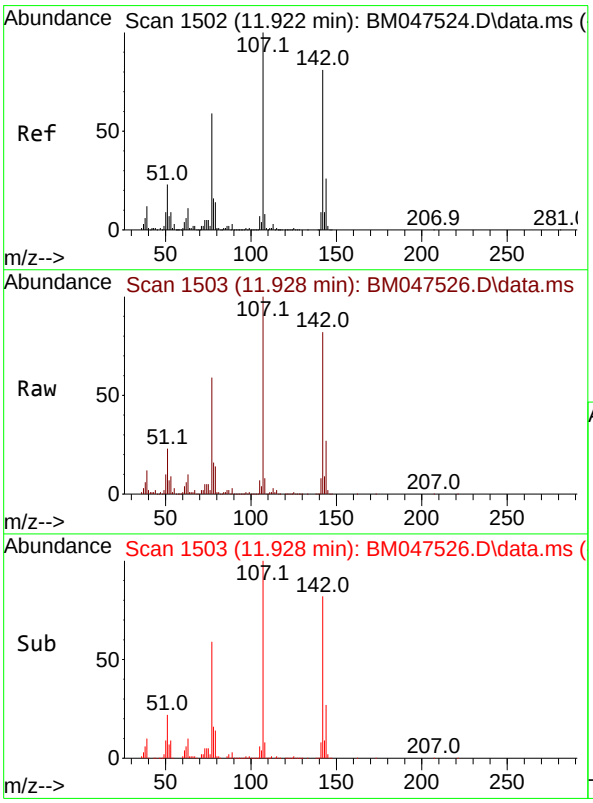
Ion	Ratio	Lower	Upper
113	100		
55	178.6	162.5	202.5
56	132.8	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

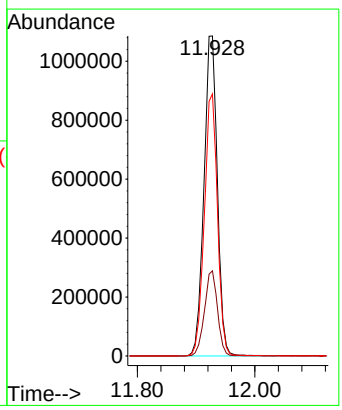
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

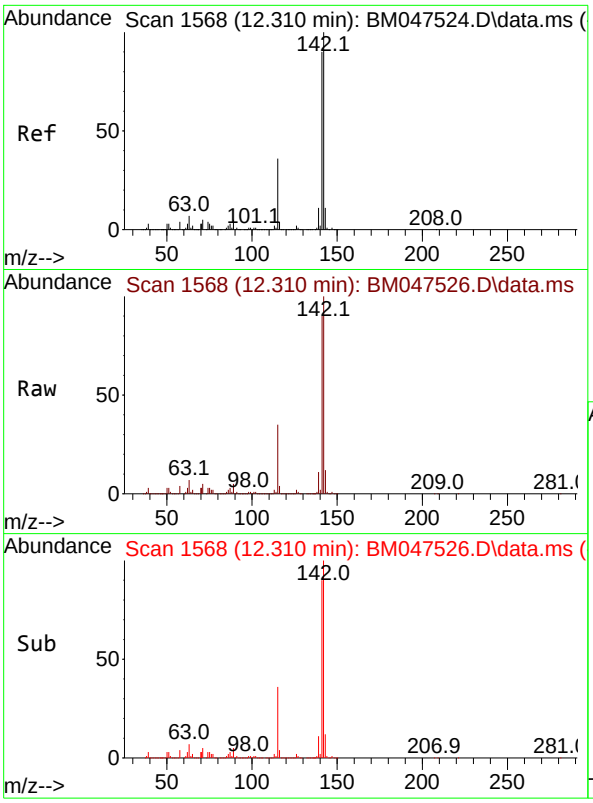


#36
4-Chloro-3-methylphenol
Concen: 63.989 ng
RT: 11.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:107 Resp: 1715963

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	81.9	65.0	97.4

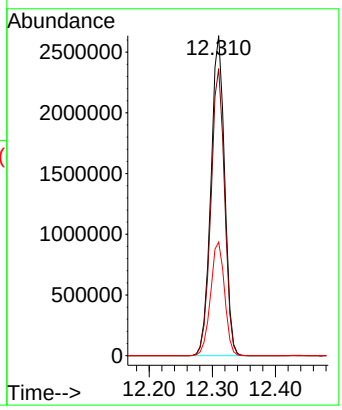




#37
2-Methylnaphthalene
Concen: 63.530 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:142 Resp: 396556

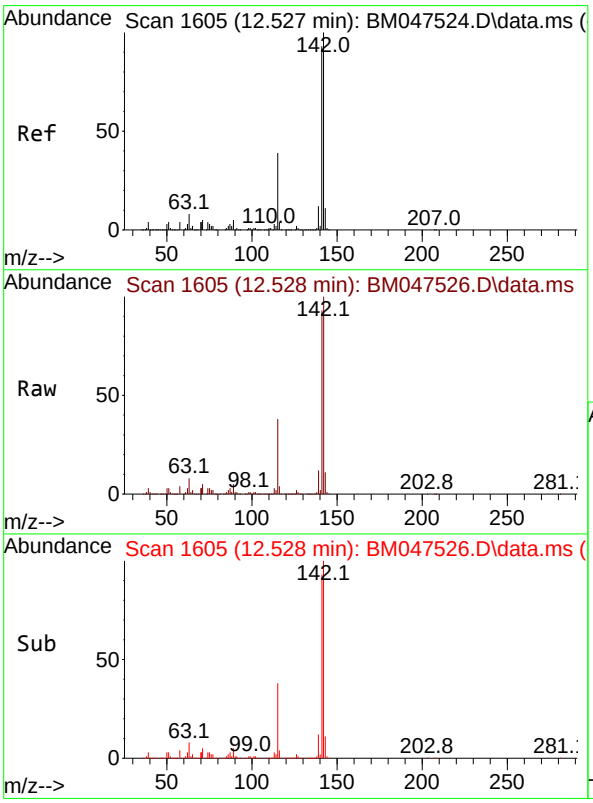
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4
115	35.5	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

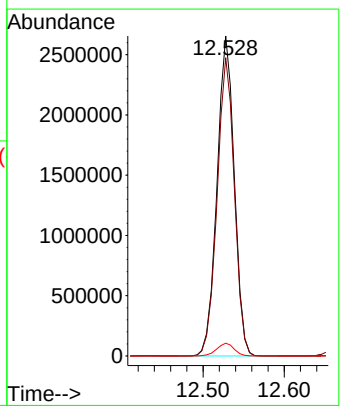
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

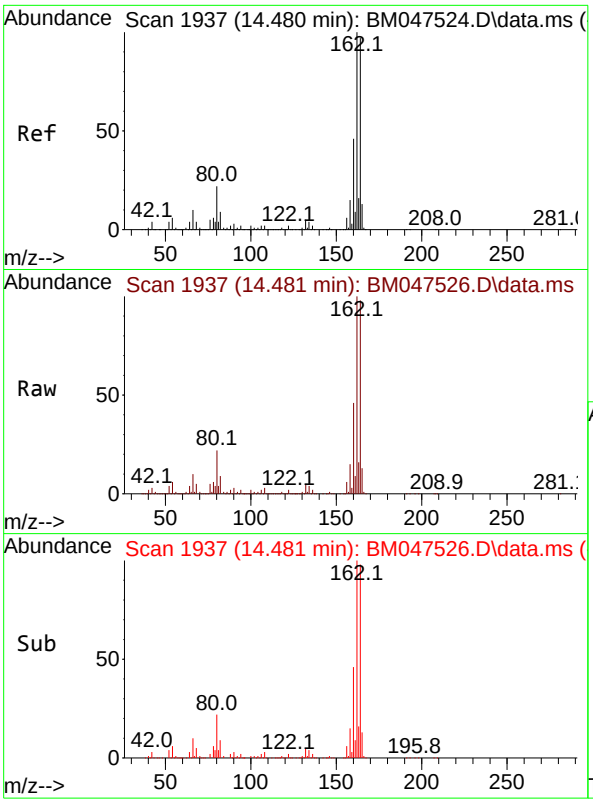


#38
1-Methylnaphthalene
Concen: 63.370 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:142 Resp: 3930943

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	4.0	3.2	4.8

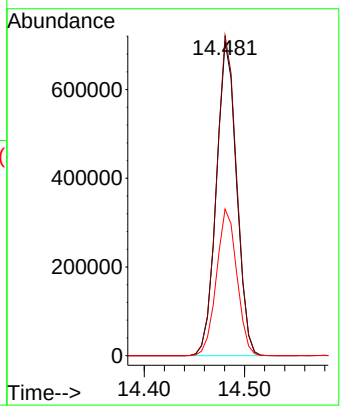




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:164 Resp: 98913

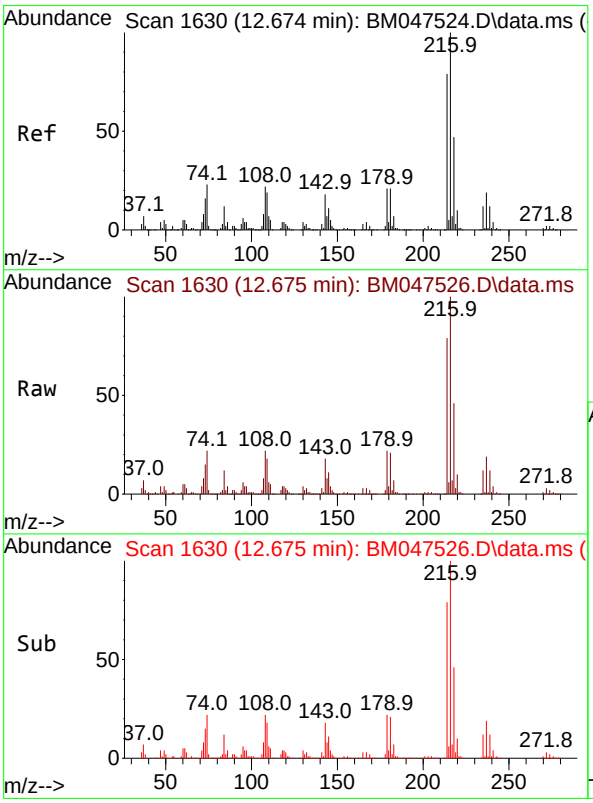
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	46.8	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

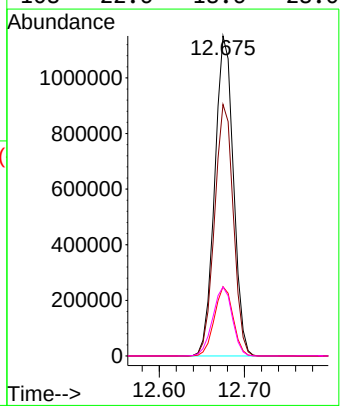
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

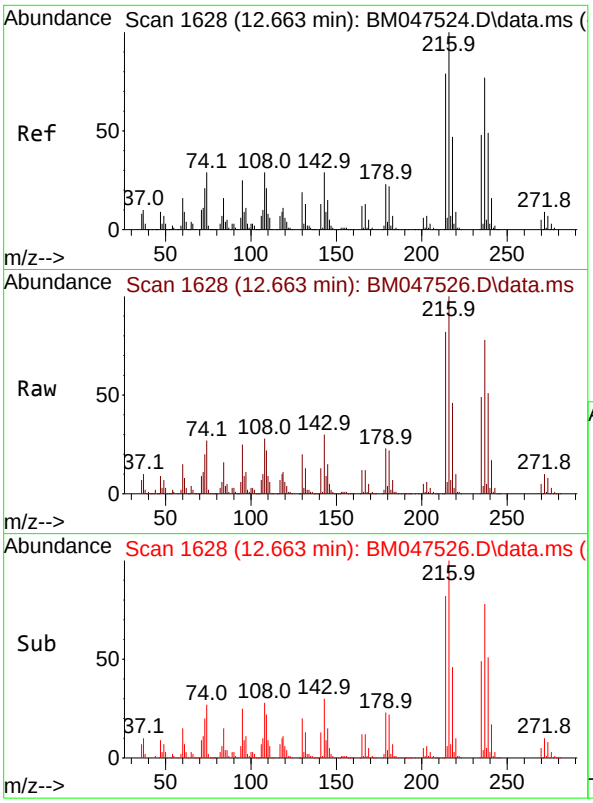


#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.522 ng
RT: 12.675 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:216 Resp: 1753724

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	21.7	17.5	26.3
108	22.6	18.6	28.0

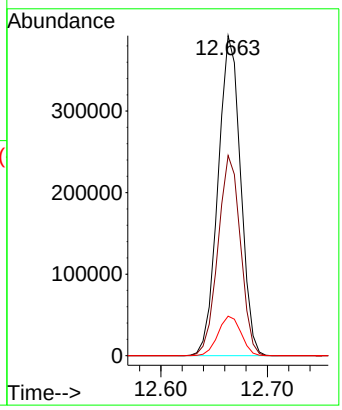




#41
Hexachlorocyclopentadiene
Concen: 65.800 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:237 Resp: 57573

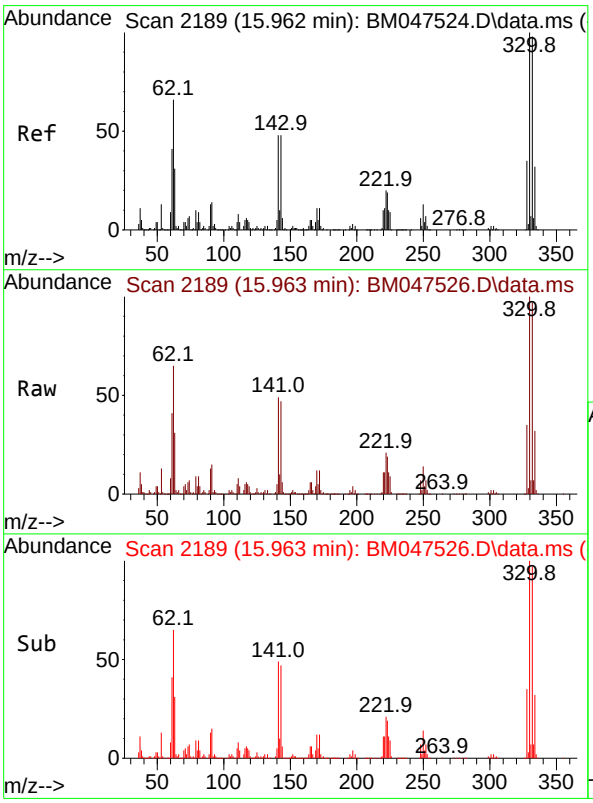
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.4	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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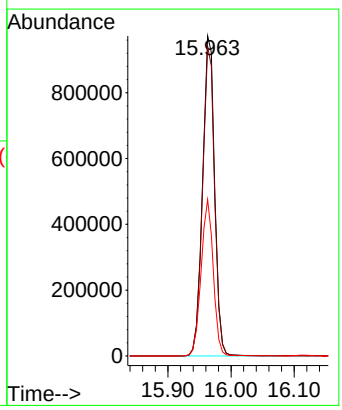
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

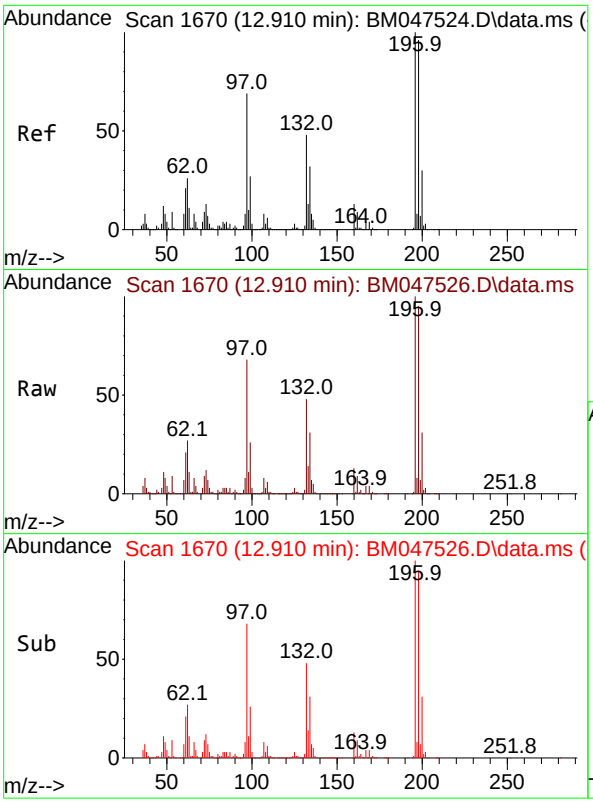


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:330 Resp: 1293238

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	49.0	42.2	63.2

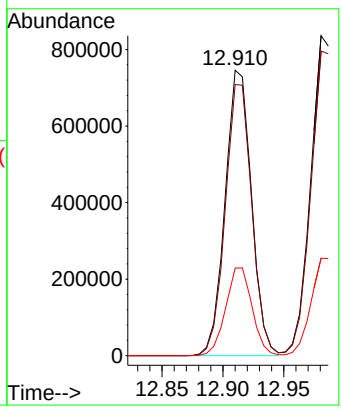




#43
2,4,6-Trichlorophenol
Concen: 67.261 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:196 Resp: 112786

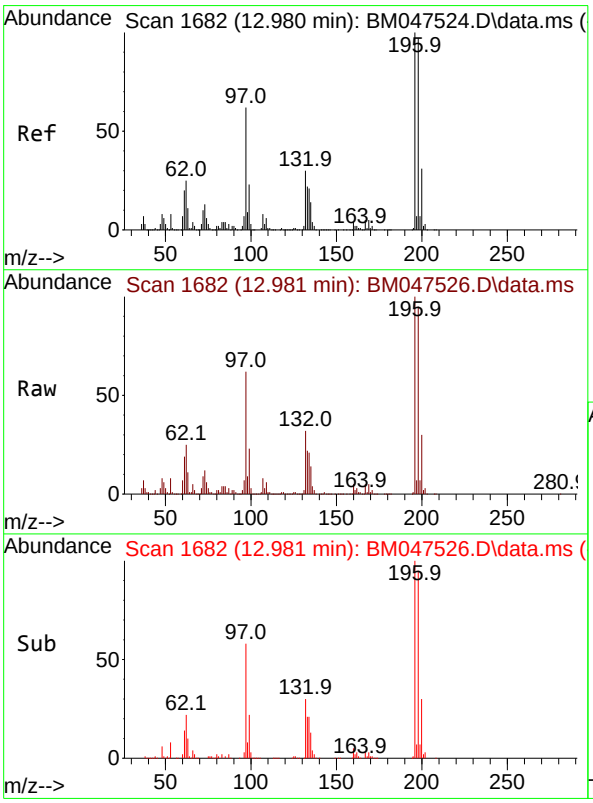
Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.9	115.3
200	30.7	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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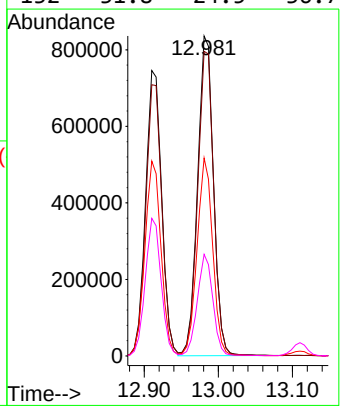
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

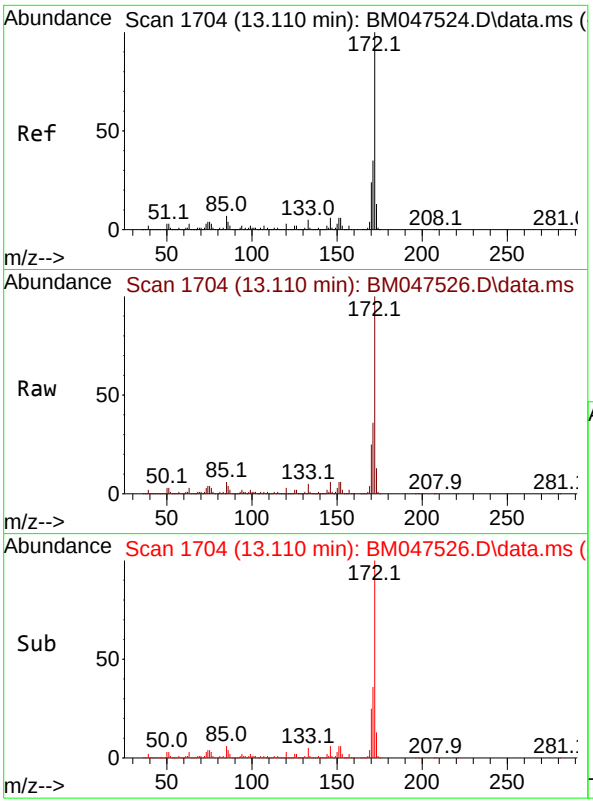


#44
2,4,5-Trichlorophenol
Concen: 65.878 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:196 Resp: 1247714

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.4	116.2
97	61.8	49.8	74.8
132	31.8	24.5	36.7

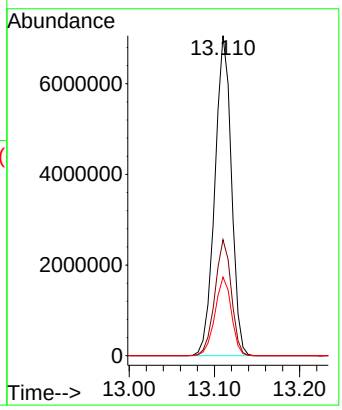




#45
2-Fluorobiphenyl
Concen: 132.892 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:172 Resp: 954232

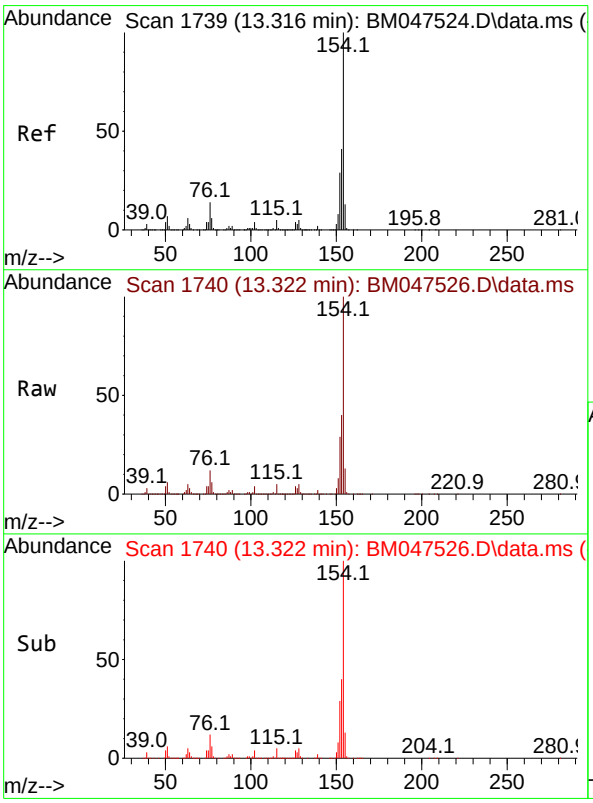
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.6	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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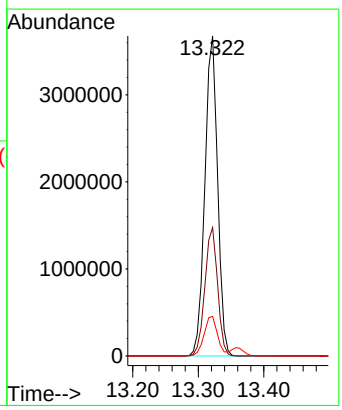
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

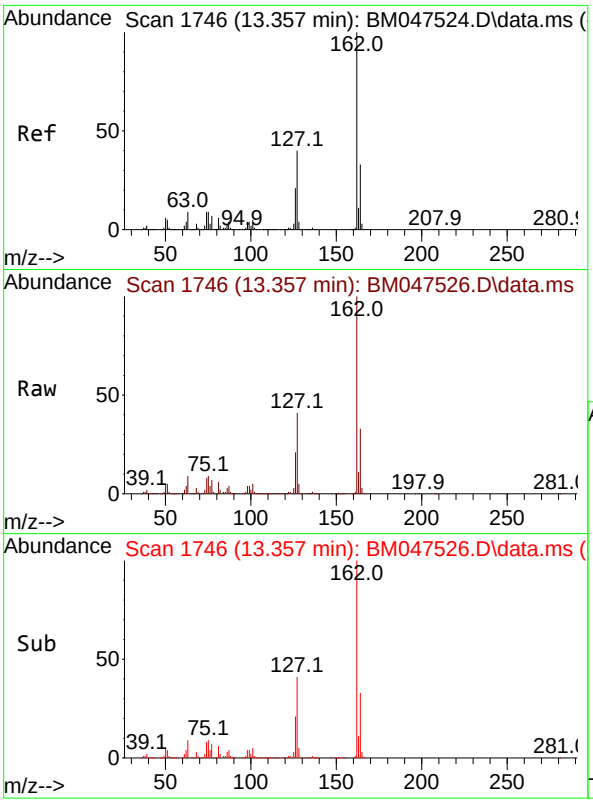


#46
1,1'-Biphenyl
Concen: 64.482 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:154 Resp: 4962549

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	12.3	0.0	33.9

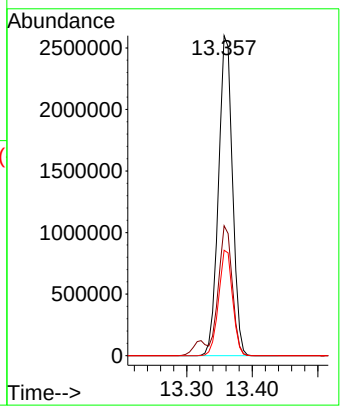




#47
2-Chloronaphthalene
Concen: 64.100 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:162 Resp: 383045

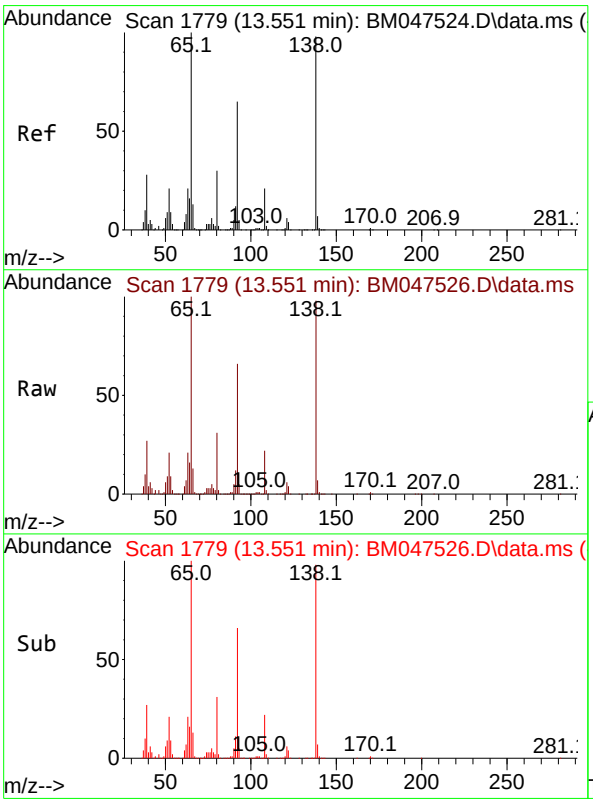
Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.4
164	33.0	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

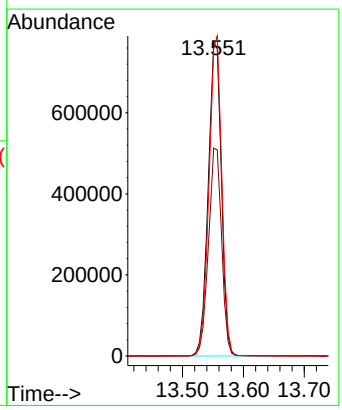
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

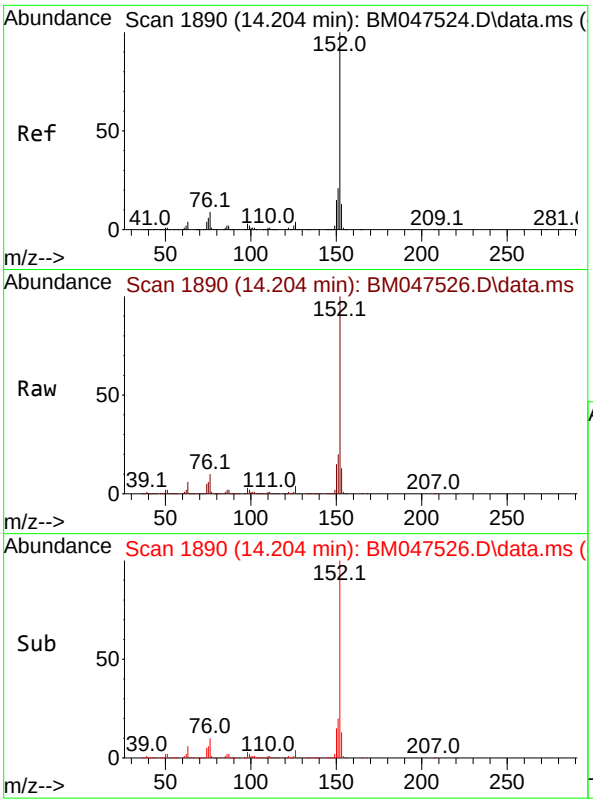


#48
2-Nitroaniline
Concen: 66.125 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 65 Resp: 1160615

Ion	Ratio	Lower	Upper
65	100		
92	66.3	51.9	77.9
138	98.1	78.5	117.7

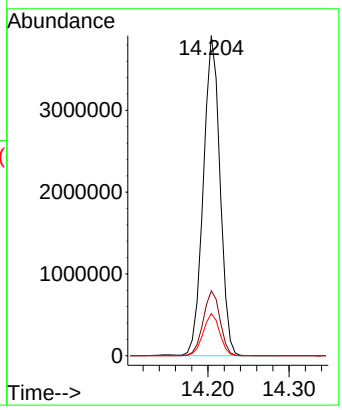




#49
Acenaphthylene
Concen: 64.401 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:152 Resp: 555357

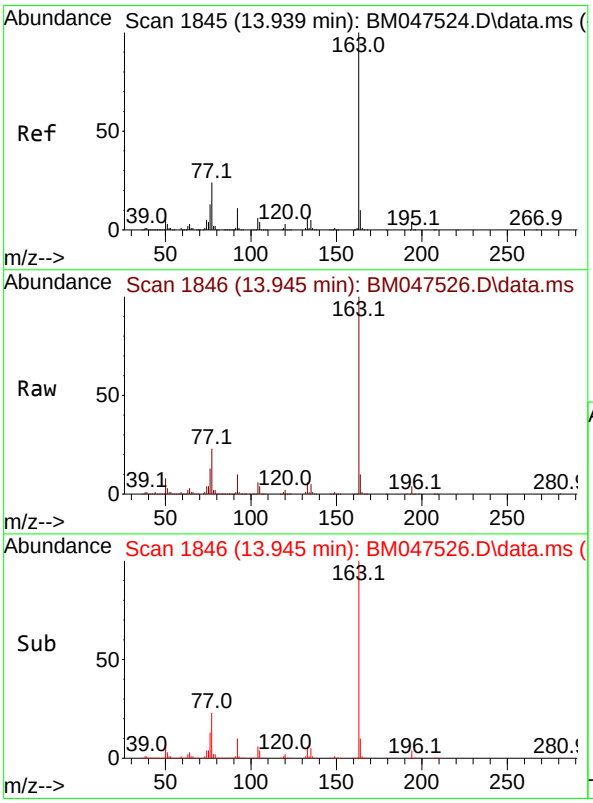
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

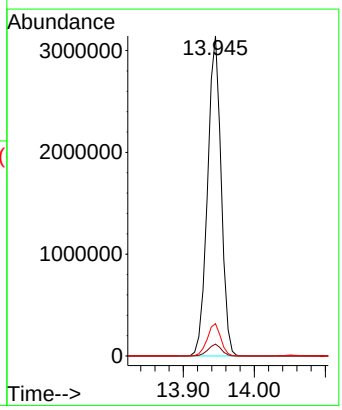
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

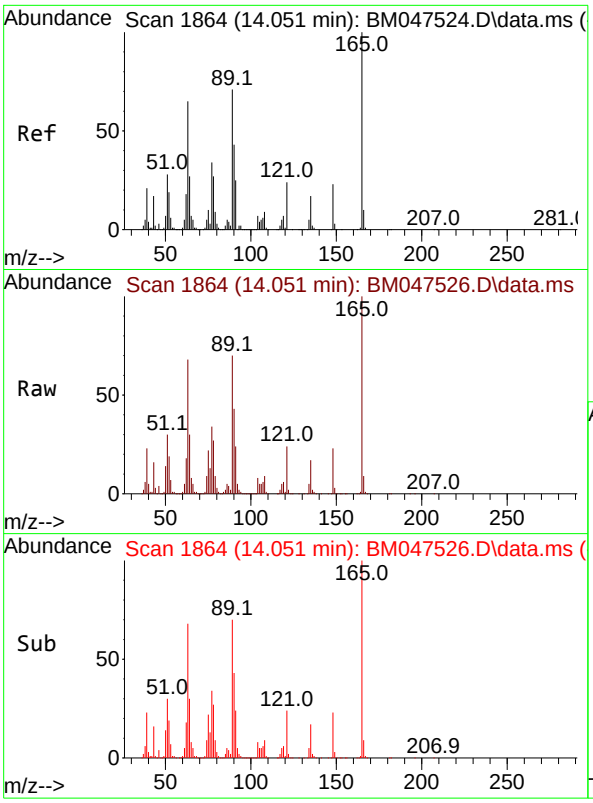


#50
Dimethylphthalate
Concen: 61.743 ng
RT: 13.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:163 Resp: 4162540

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 64.198 ng
RT: 14.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

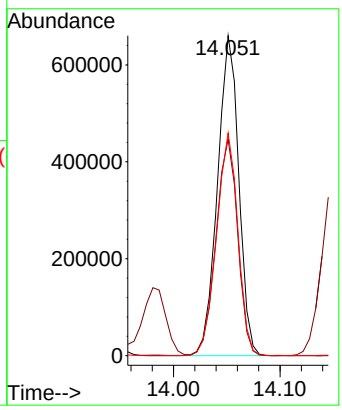
Tgt Ion:165 Resp: 91367

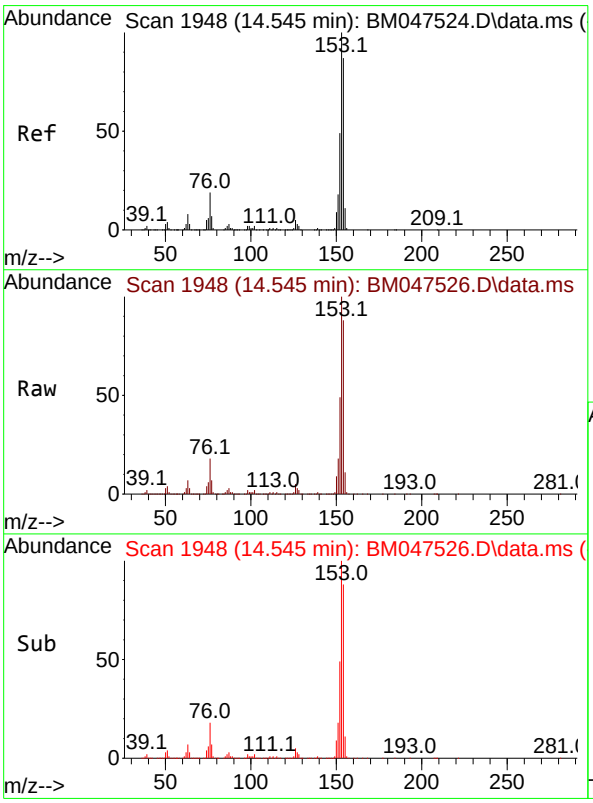
Ion	Ratio	Lower	Upper
165	100		
63	67.6	54.2	81.2
89	69.6	56.4	84.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

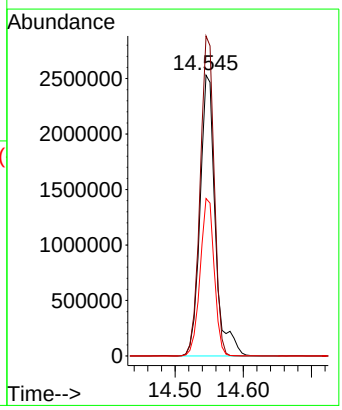


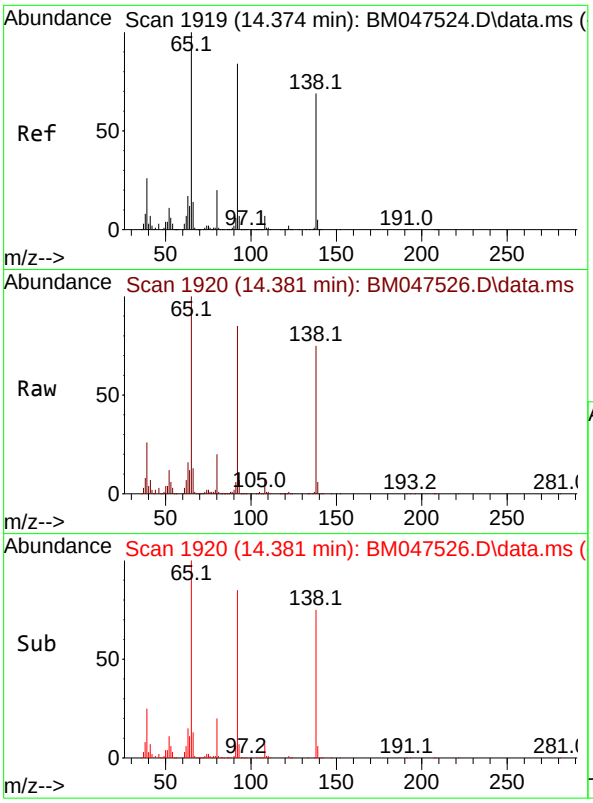


#52
Acenaphthene
Concen: 64.922 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:154 Resp: 3922692

Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.2	138.2
152	56.1	45.4	68.0

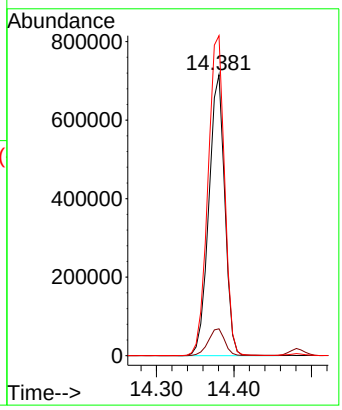




#53
3-Nitroaniline
Concen: 64.587 ng
RT: 14.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:138 Resp: 102170

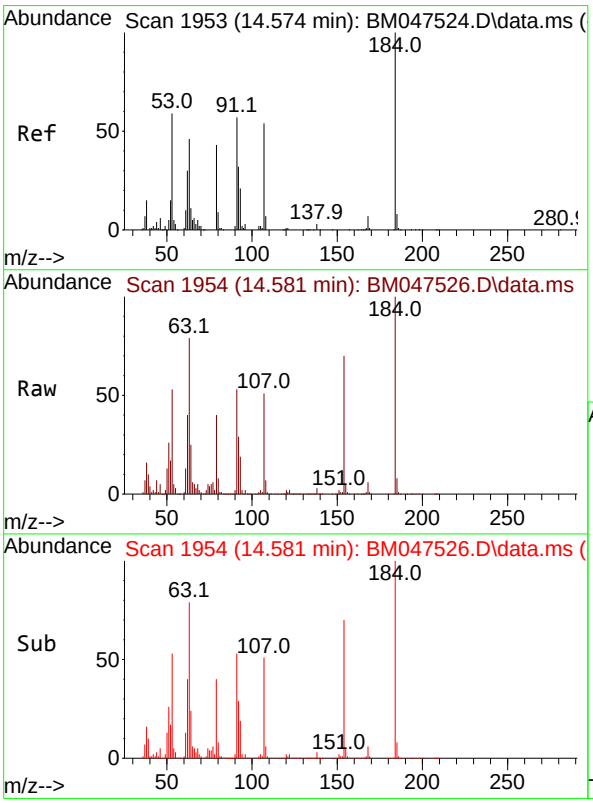
Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	113.9	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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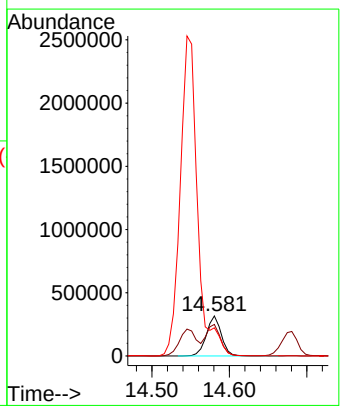
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

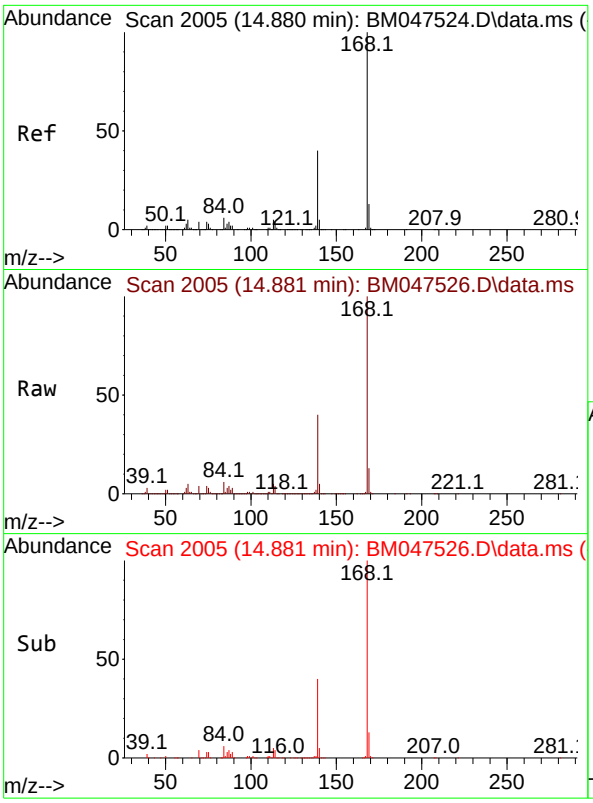


#54
2,4-Dinitrophenol
Concen: 59.540 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.007 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:184 Resp: 423951

Ion	Ratio	Lower	Upper
184	100		
63	78.8	69.4	104.0
154	70.4	60.4	90.6

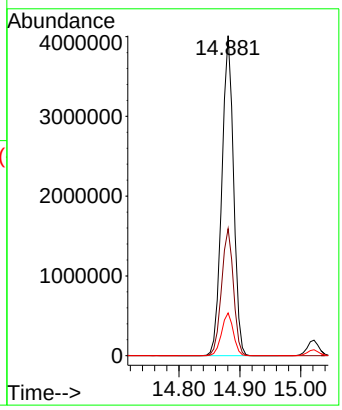




#55
Dibenzofuran
Concen: 63.175 ng
RT: 14.881 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:168 Resp: 536398

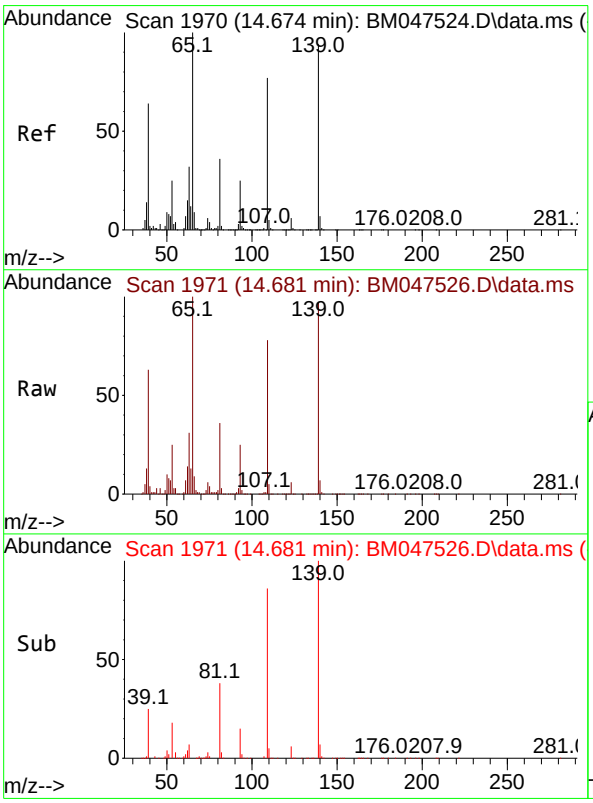
Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.9	47.9
169	13.4	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

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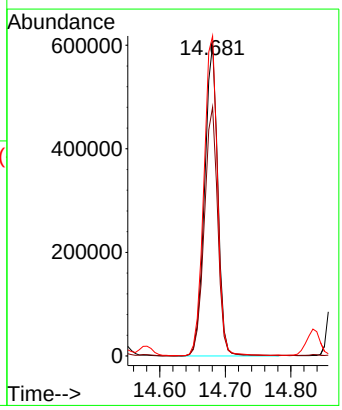
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

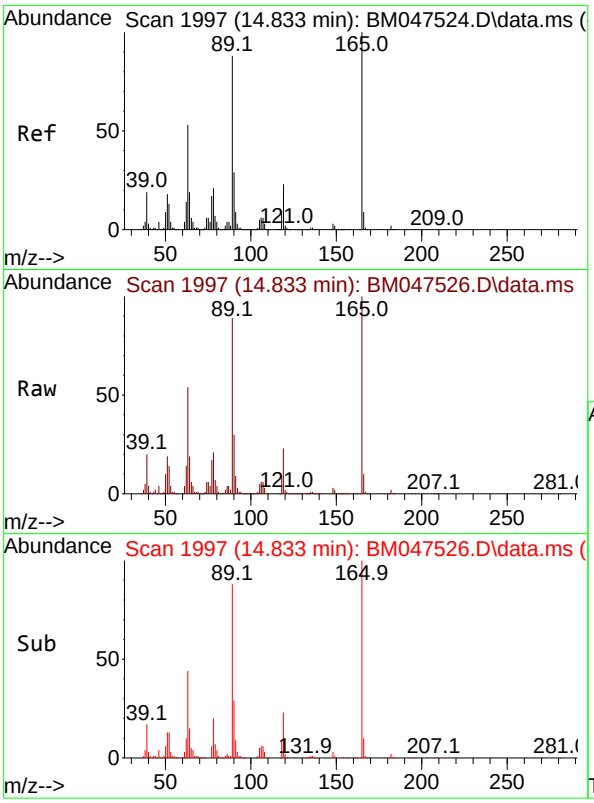


#56
4-Nitrophenol
Concen: 65.100 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:139 Resp: 847413

Ion	Ratio	Lower	Upper
139	100		
109	80.0	62.0	102.0
65	102.8	87.0	127.0

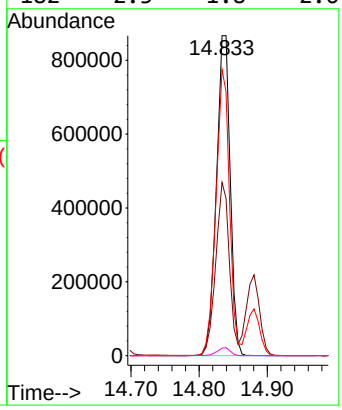




#57
2,4-Dinitrotoluene
Concen: 64.518 ng
RT: 14.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:165 Resp: 122462

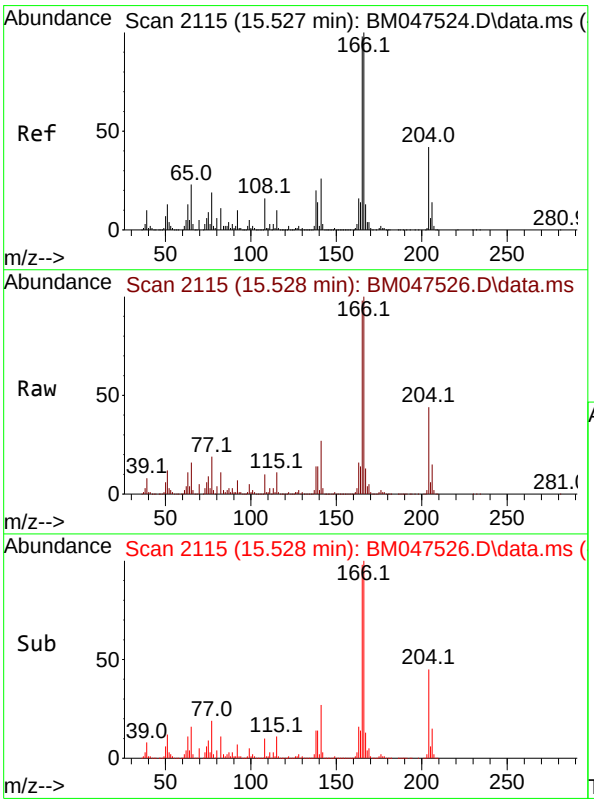
Ion	Ratio	Lower	Upper
165	100		
63	54.1	42.4	63.6
89	89.5	70.5	105.7
182	2.3	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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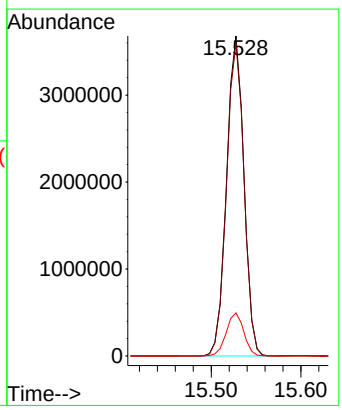
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

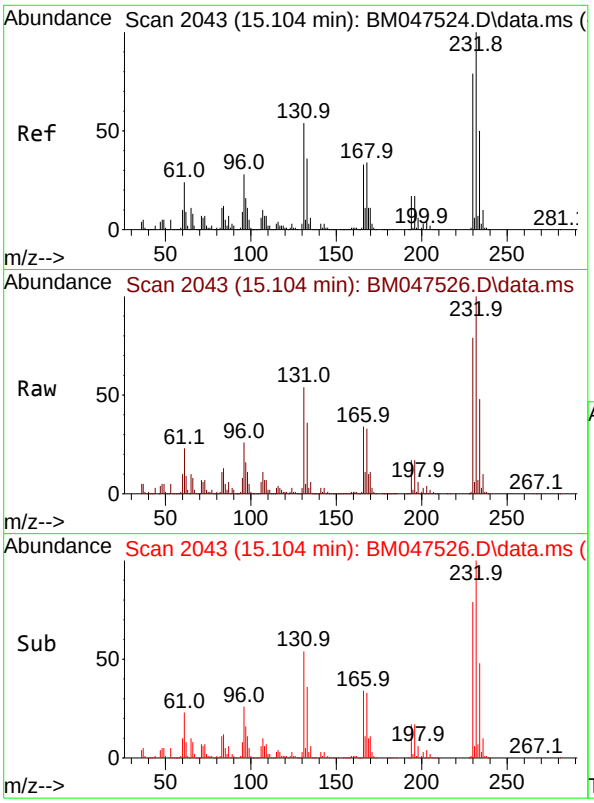


#58
Fluorene
Concen: 64.791 ng
RT: 15.528 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:166 Resp: 4952783

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.4	10.7	16.1

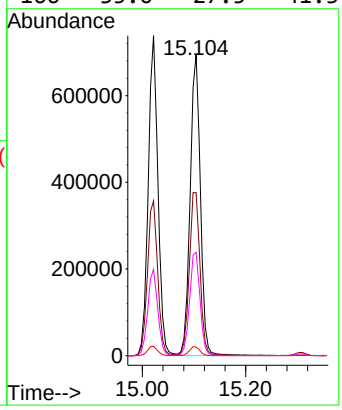




#59
2,3,4,6-Tetrachlorophenol
Concen: 64.671 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:232 Resp: 95498

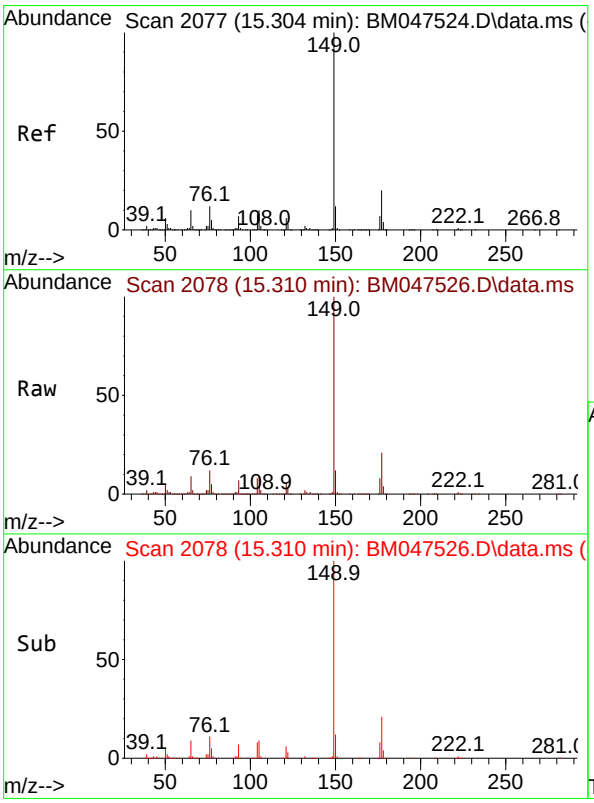
Ion	Ratio	Lower	Upper
232	100		
131	56.5	47.0	70.4
130	3.1	2.6	3.8
166	35.0	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

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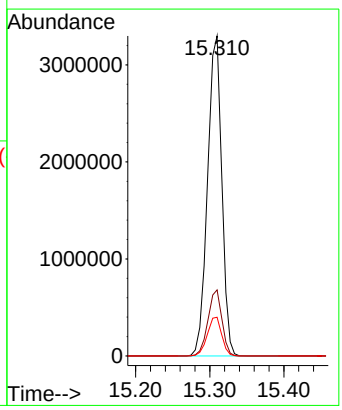
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

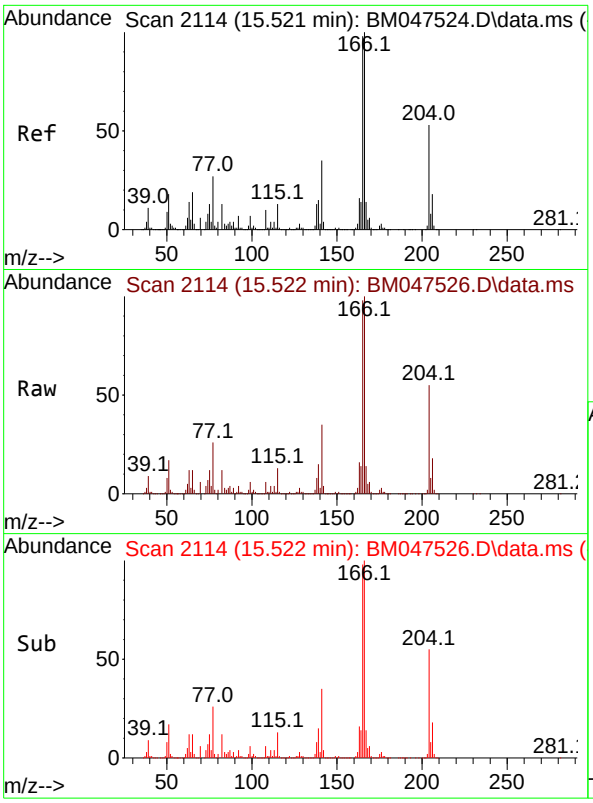


#60
Diethylphthalate
Concen: 61.427 ng
RT: 15.310 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:149 Resp: 4407420

Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.8	23.8
150	12.1	9.7	14.5

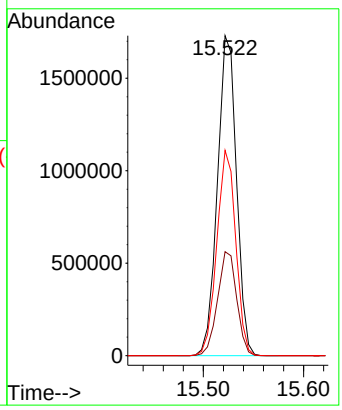




#61
4-Chlorophenyl-phenylether
Concen: 65.236 ng
RT: 15.522 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:204 Resp: 228019

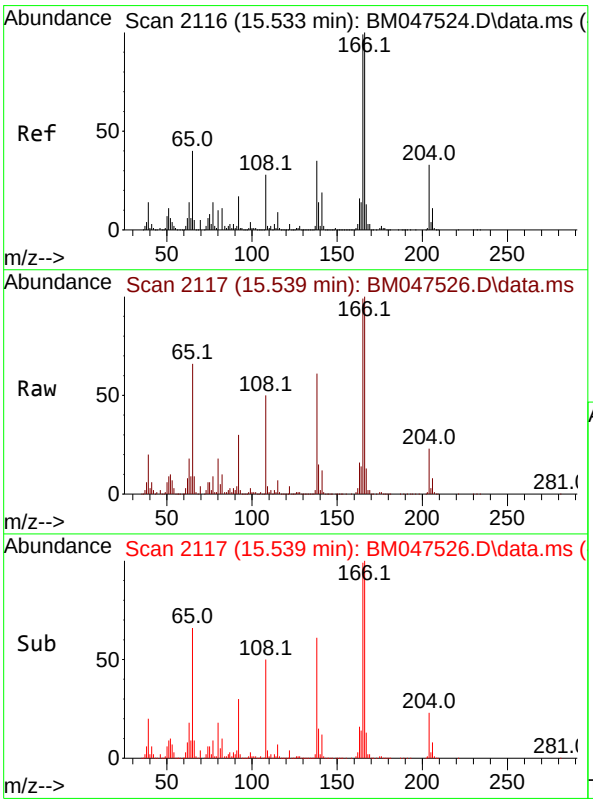
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	64.1	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
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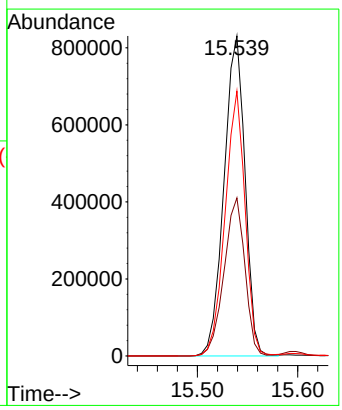
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

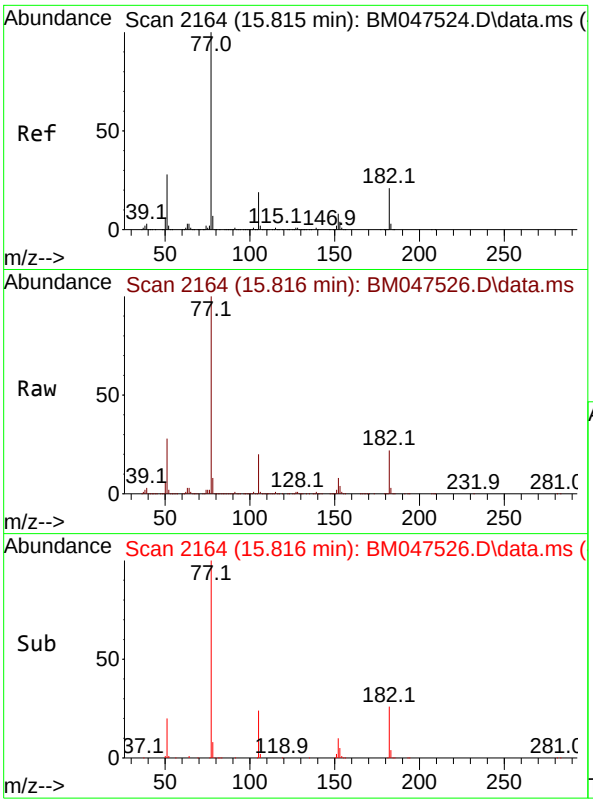


#62
4-Nitroaniline
Concen: 65.036 ng
RT: 15.539 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:138 Resp: 1209326

Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.0	70.0
108	82.7	61.7	101.7

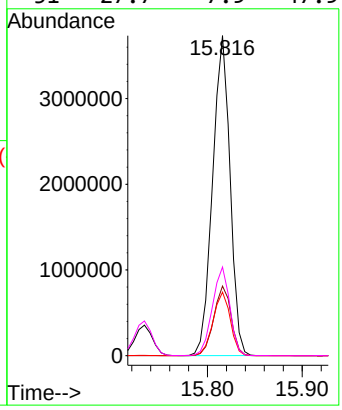




#63
Azobenzene
Concen: 60.394 ng
RT: 15.816 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion: 77 Resp: 477137

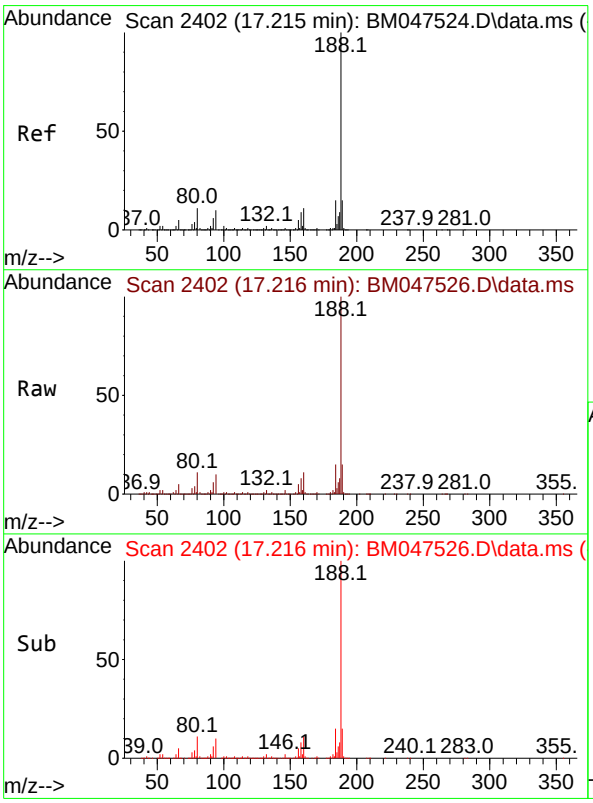
Ion	Ratio	Lower	Upper
77	100		
182	21.7	1.2	41.2
105	19.8	0.0	39.4
51	27.7	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

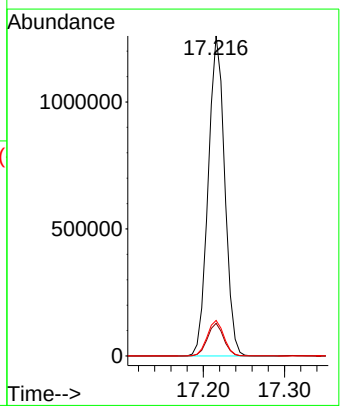
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

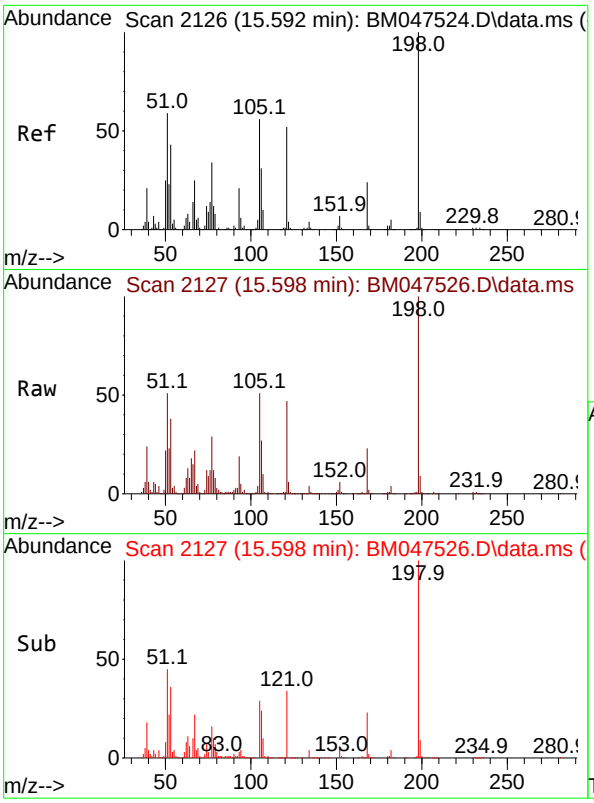


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:188 Resp: 1777314

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	11.1	9.1	13.7

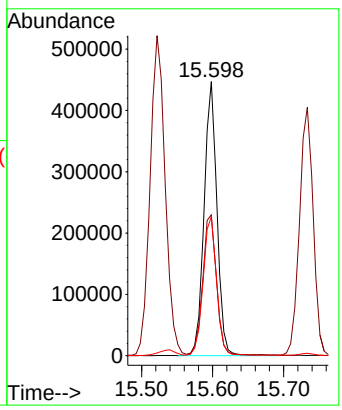




#65
4,6-Dinitro-2-methylphenol
Concen: 60.152 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:198 Resp: 56386

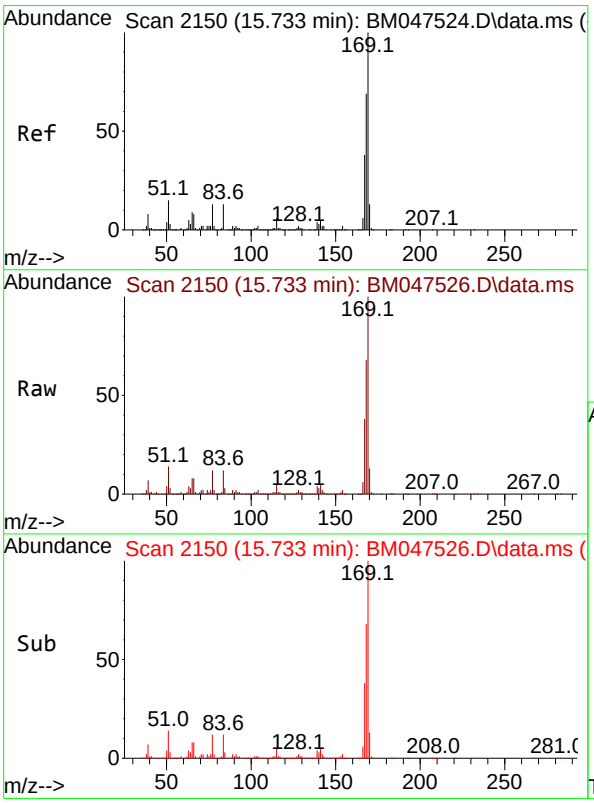
Ion	Ratio	Lower	Upper
198	100		
51	51.4	41.5	81.5
105	50.7	36.4	76.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

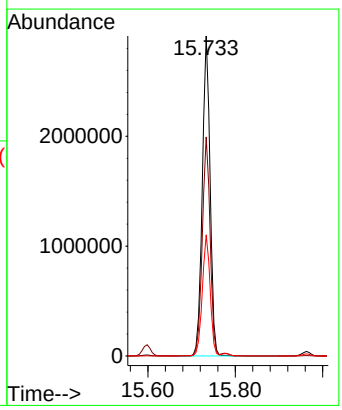
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

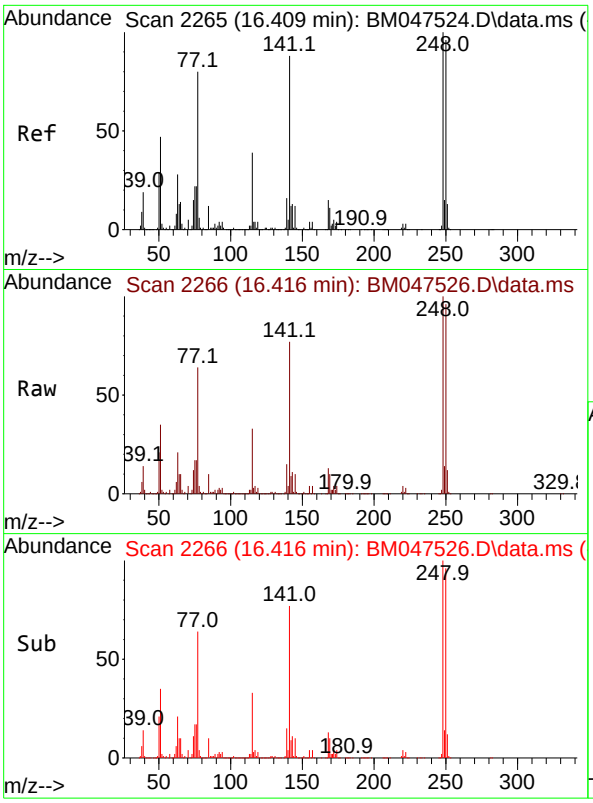


#66
n-Nitrosodiphenylamine
Concen: 66.434 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:169 Resp: 3612114

Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.3	82.9
167	37.8	30.5	45.7





#67
4-Bromophenyl-phenylether
Concen: 67.430 ng
RT: 16.416 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

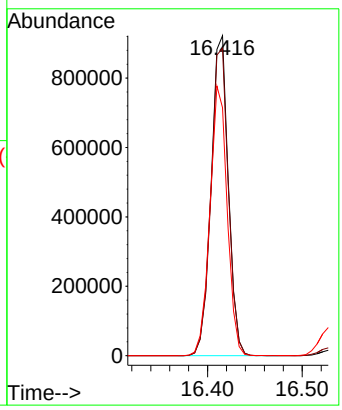
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

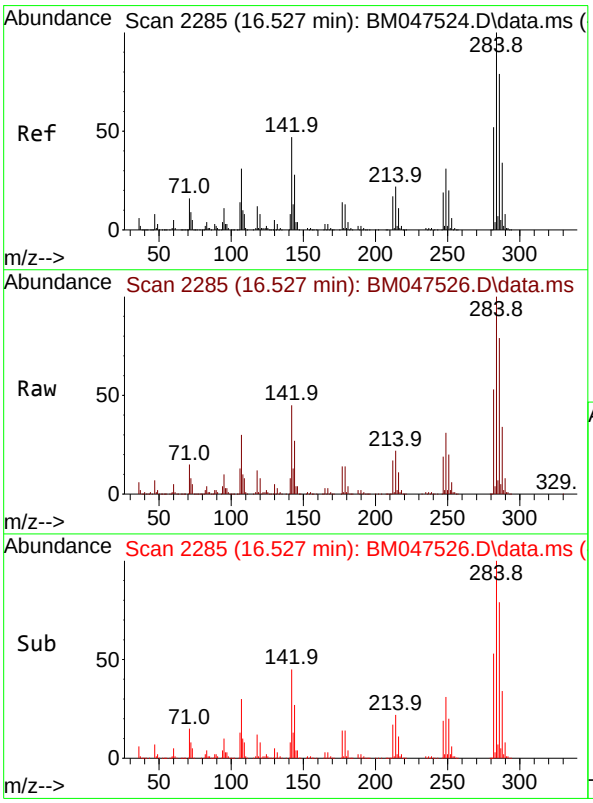
Tgt Ion:248 Resp: 116448

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	77.5	70.8	106.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

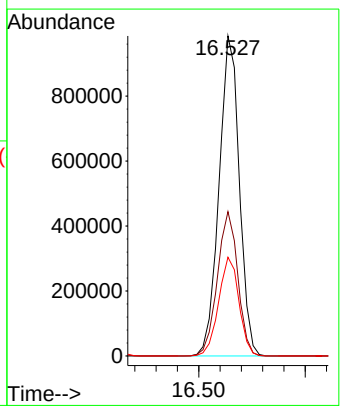


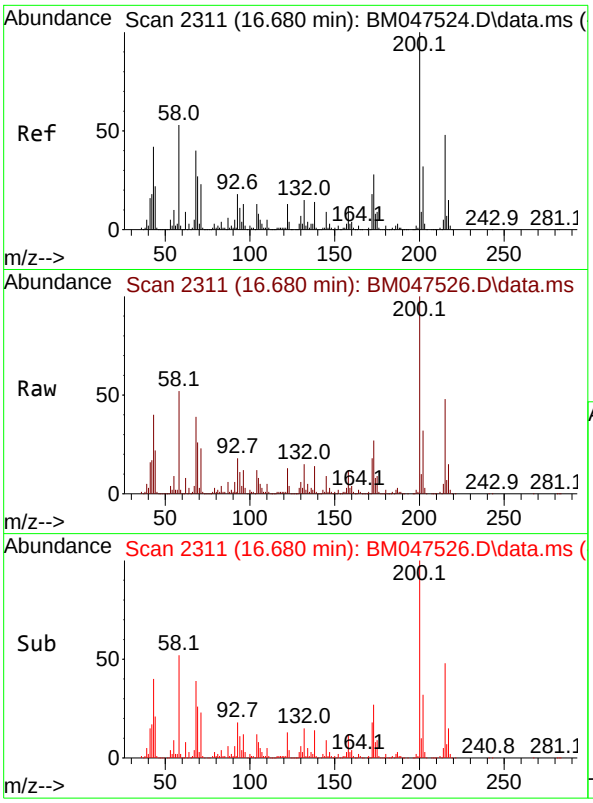


#68
Hexachlorobenzene
Concen: 66.357 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:284 Resp: 1298214

Ion	Ratio	Lower	Upper
284	100		
142	45.1	37.3	55.9
249	30.9	24.5	36.7

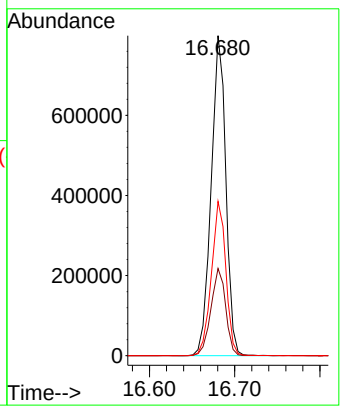




#69
Atrazine
Concen: 63.518 ng
RT: 16.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:200 Resp: 95454

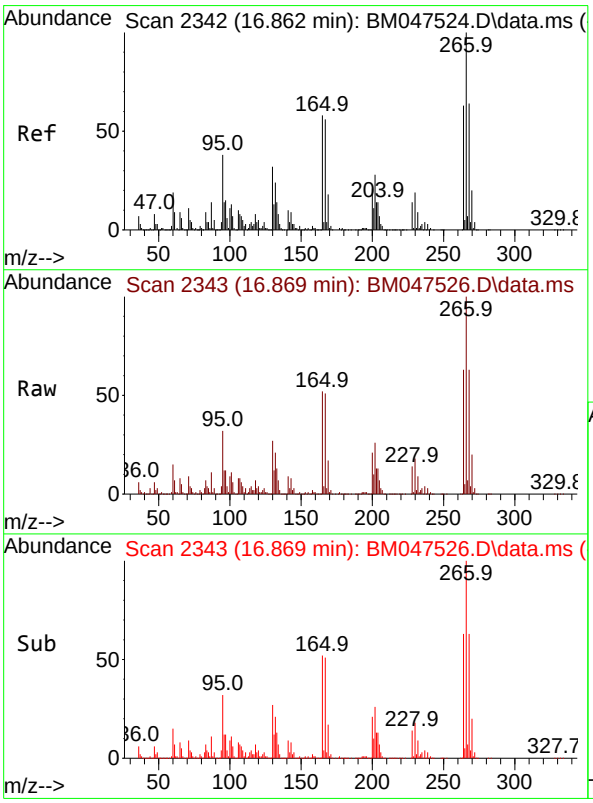
Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.7	47.7
215	48.2	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

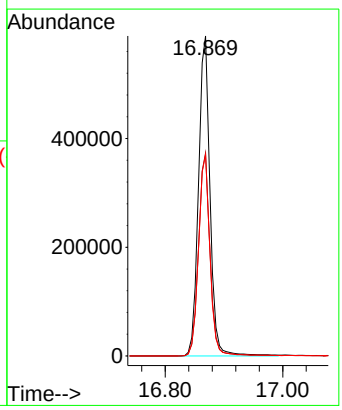
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

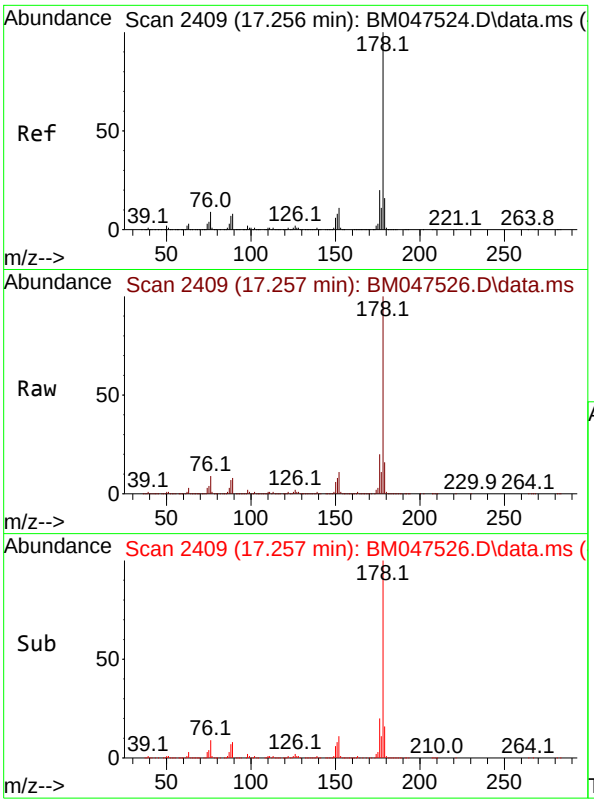


#70
Pentachlorophenol
Concen: 70.588 ng
RT: 16.869 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:266 Resp: 800527

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.0	76.4
264	63.0	50.4	75.6

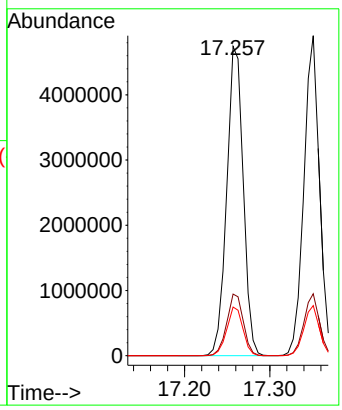




#71
Phenanthrene
Concen: 65.155 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:178 Resp: 638180

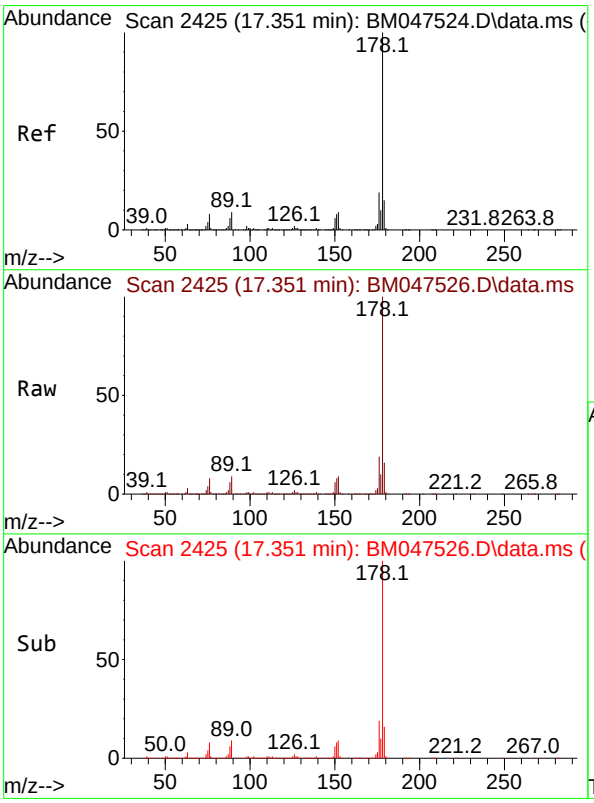
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.7	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

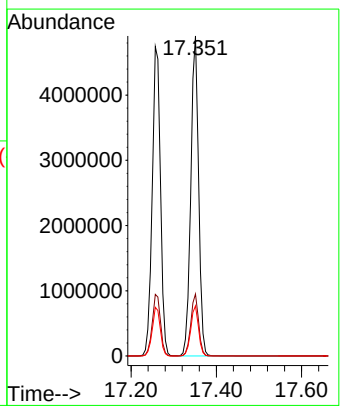
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

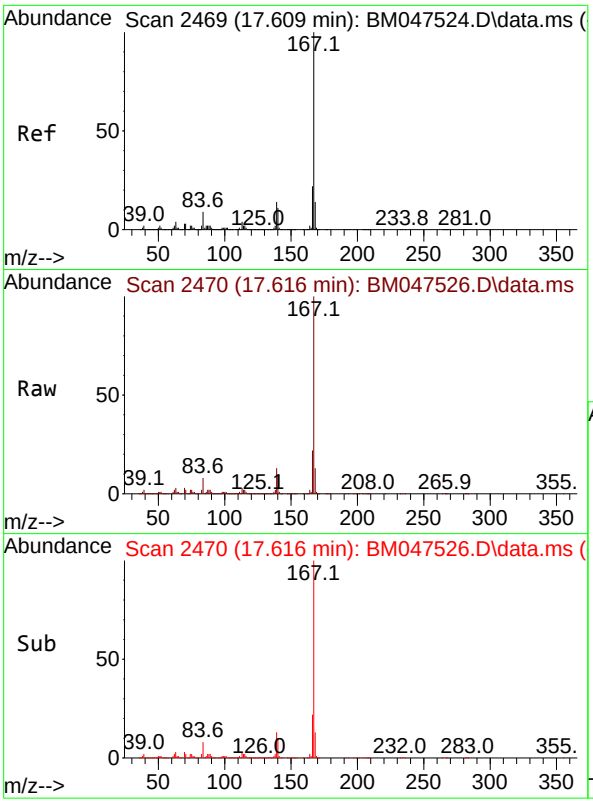


#72
Anthracene
Concen: 66.223 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:178 Resp: 6231891

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.3	18.5

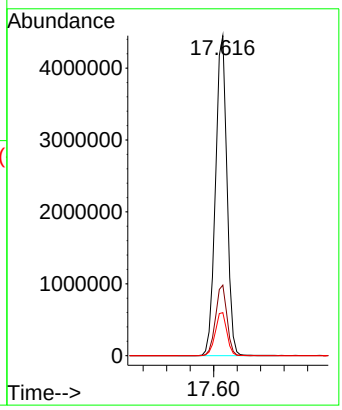




#73
Carbazole
Concen: 64.390 ng
RT: 17.616 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:167 Resp: 600496

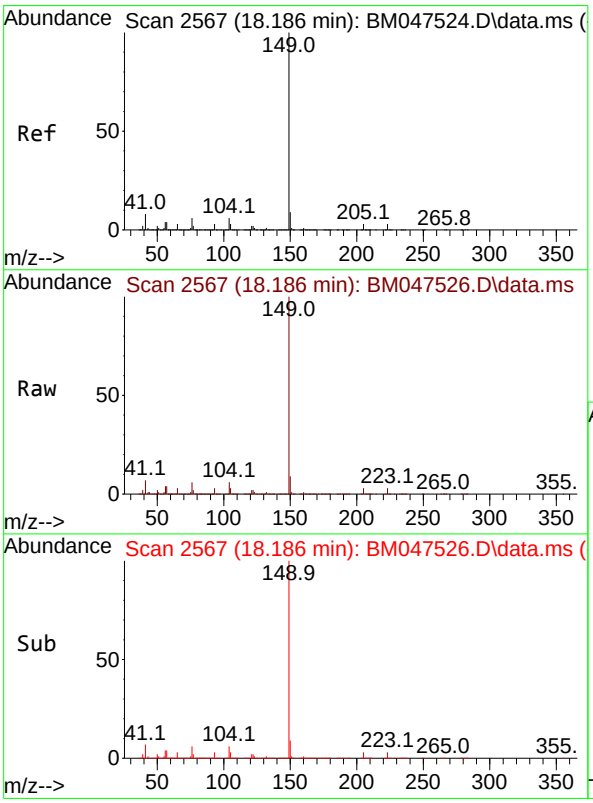
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	13.4	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

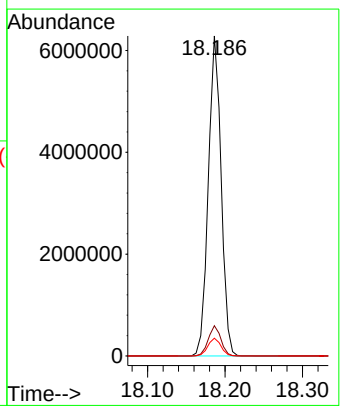
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

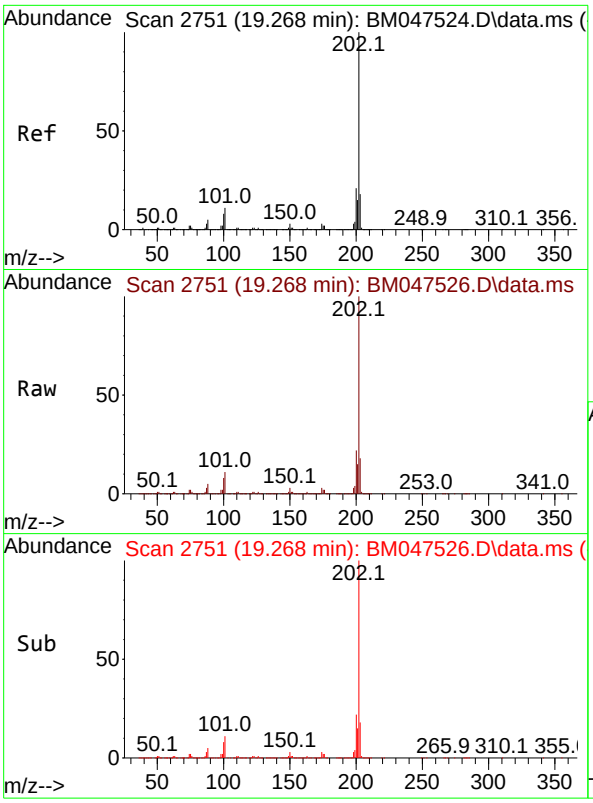


#74
Di-n-butylphthalate
Concen: 64.583 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:149 Resp: 7206516

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.6	4.6	6.8

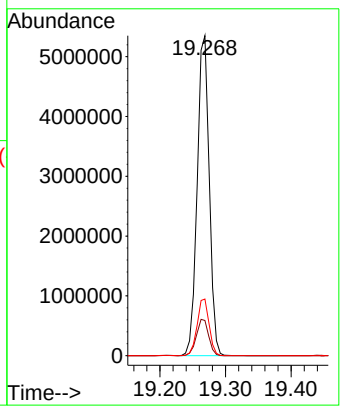




#75
Fluoranthene
Concen: 64.019 ng
RT: 19.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:202 Resp: 684147

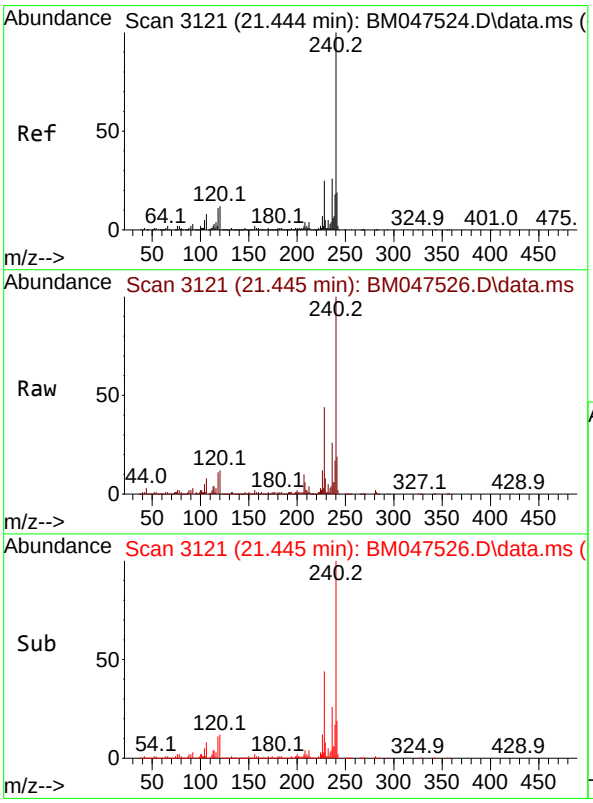
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.8
203	17.7	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

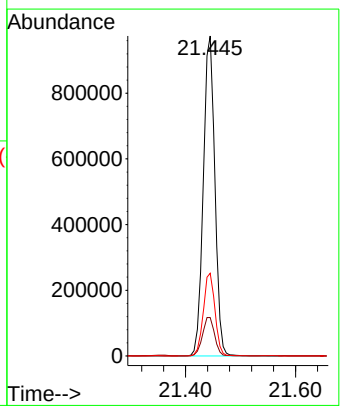
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

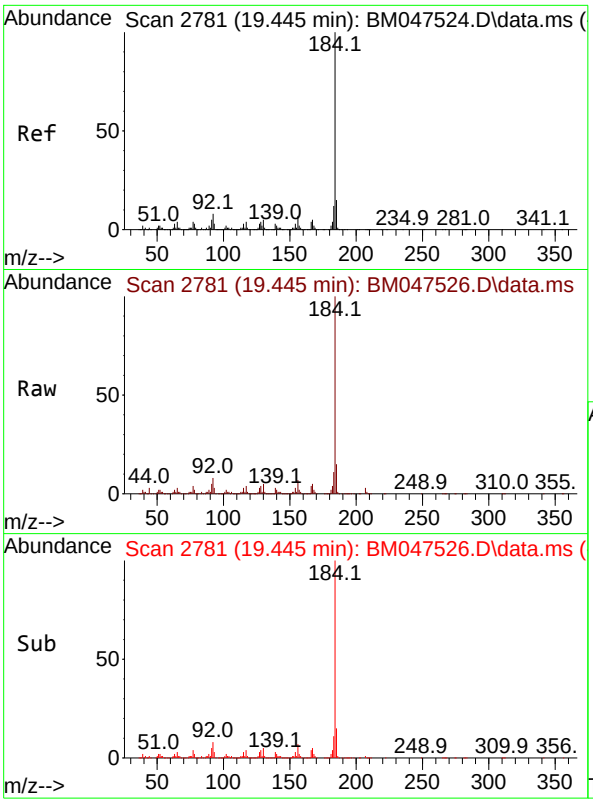


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:240 Resp: 1418749

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.8	20.9	31.3

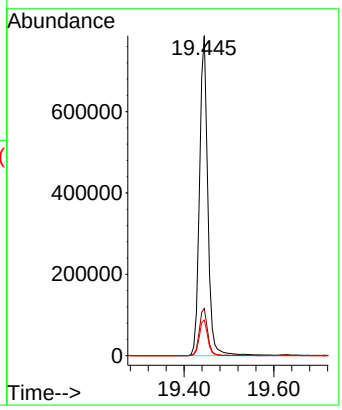




#77
Benzidine
Concen: 50.257 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:184 Resp: 100419

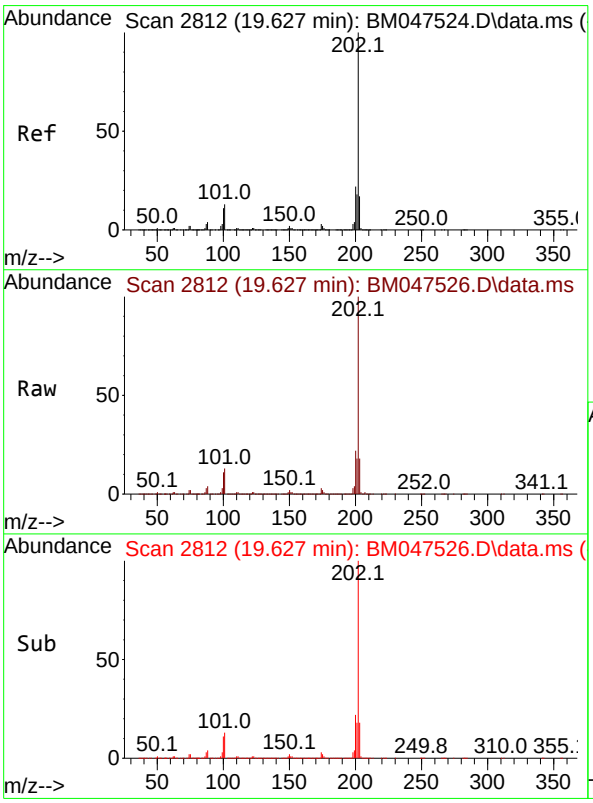
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.2	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

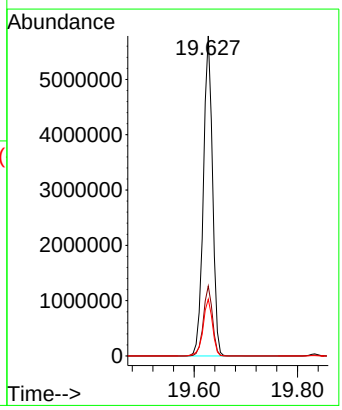
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

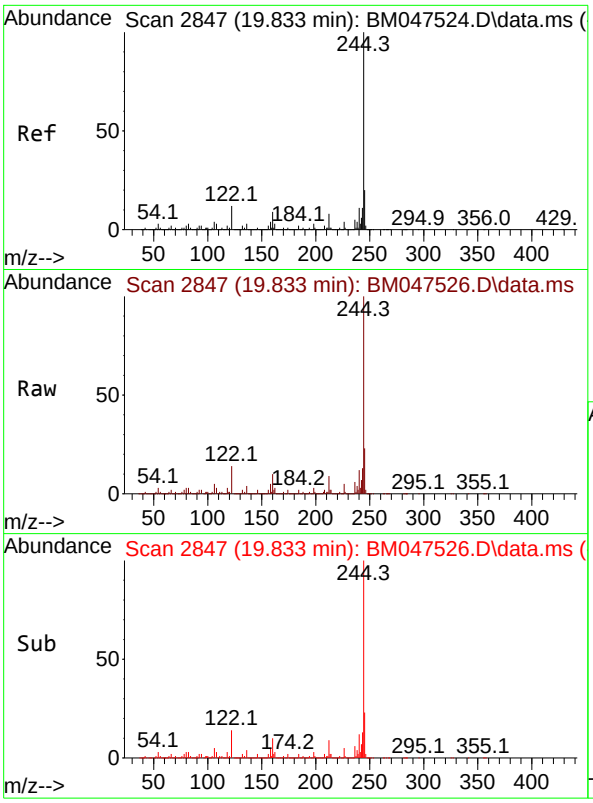


#78
Pyrene
Concen: 68.749 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:202 Resp: 7114617

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.7	14.0	21.0

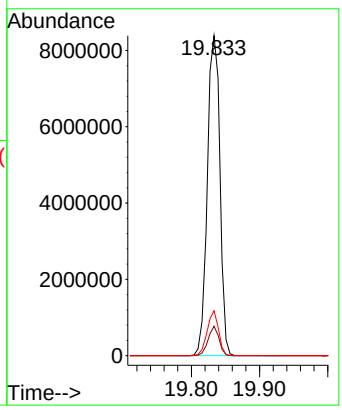




#79
Terphenyl-d14
Concen: 135.674 ng
RT: 19.833 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:244 Resp:1074184

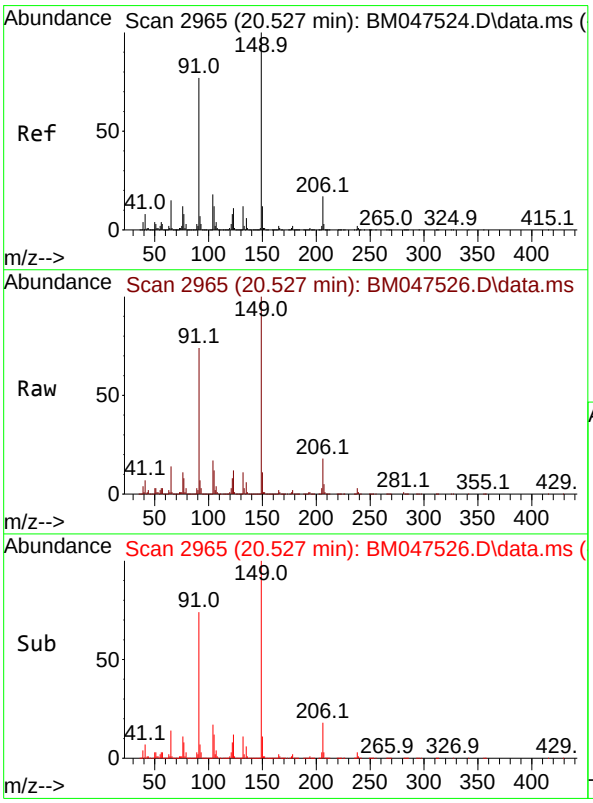
Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.2	9.2
122	14.1	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

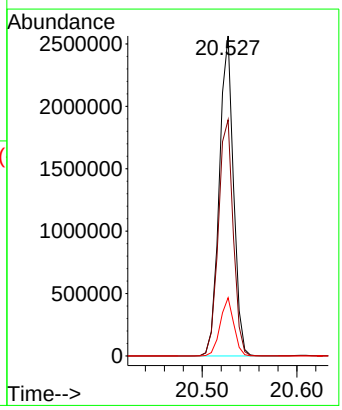
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

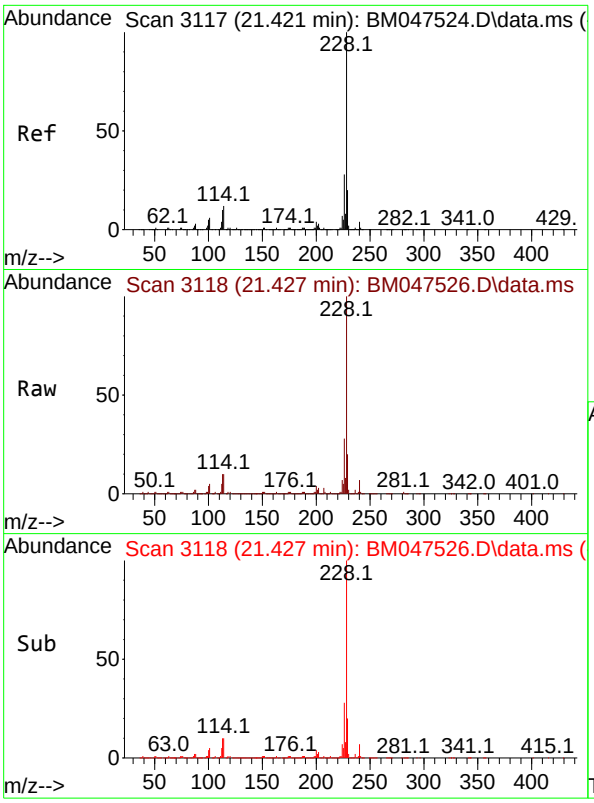


#80
Butylbenzylphthalate
Concen: 66.961 ng
RT: 20.527 min Scan# 2965
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:149 Resp: 2667582

Ion	Ratio	Lower	Upper
149	100		
91	73.8	62.0	93.0
206	18.2	13.8	20.8

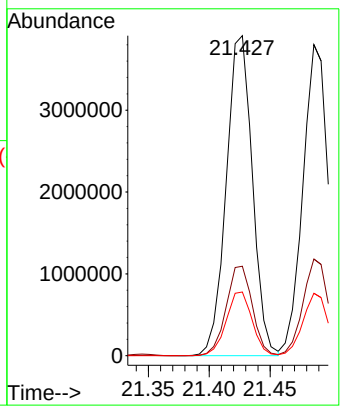




#81
Benzo(a)anthracene
Concen: 63.261 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:228 Resp: 584998

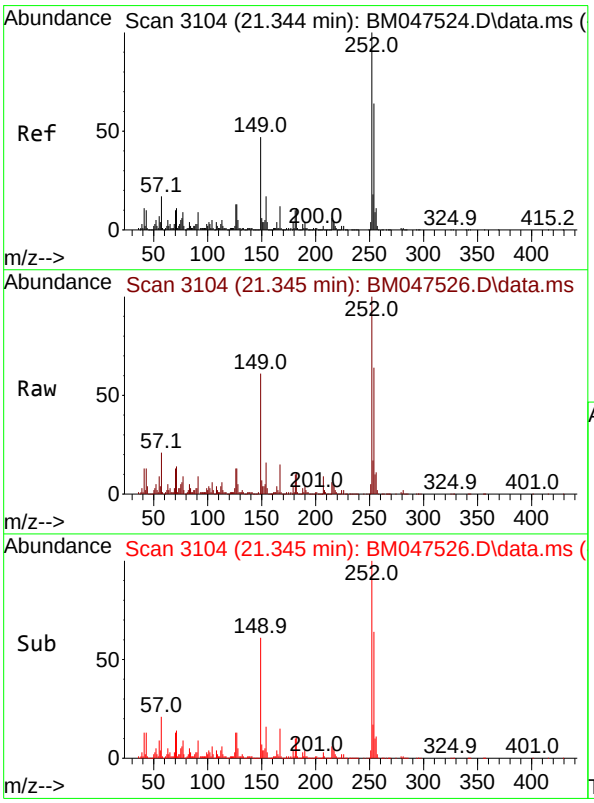
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.9	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

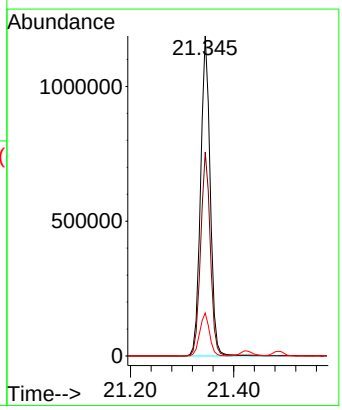
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

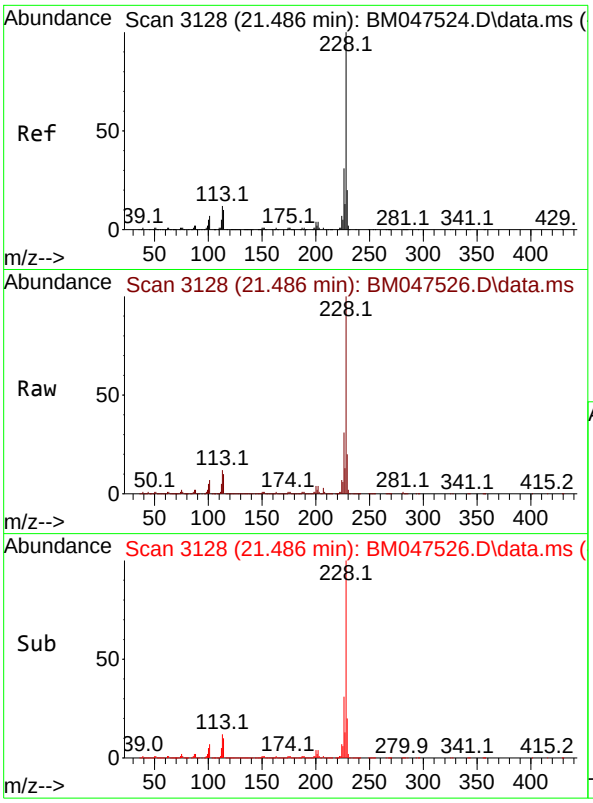


#82
3,3'-Dichlorobenzidine
Concen: 62.240 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:252 Resp: 1531051

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	13.4	10.3	15.5

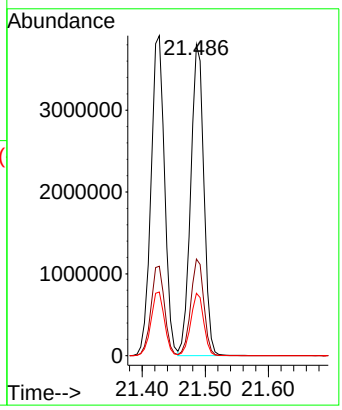




#83
Chrysene
Concen: 62.898 ng
RT: 21.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:228 Resp: 550156

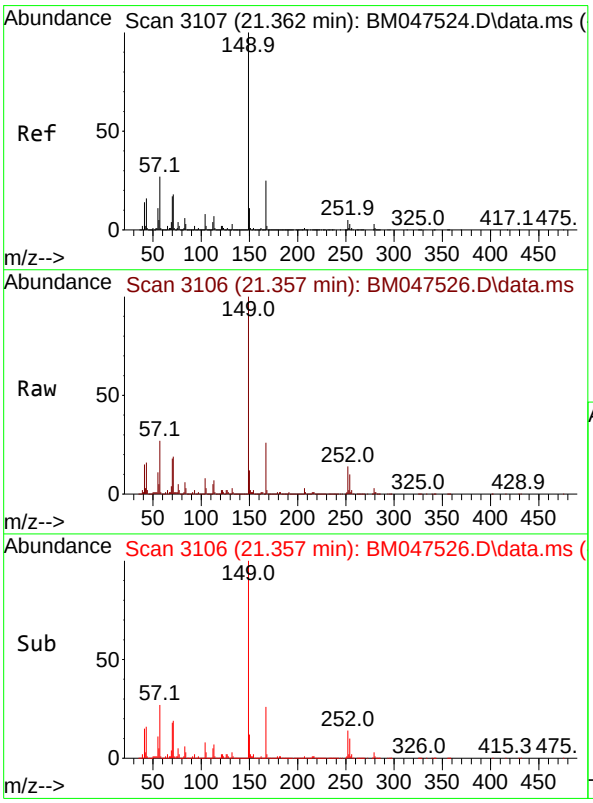
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

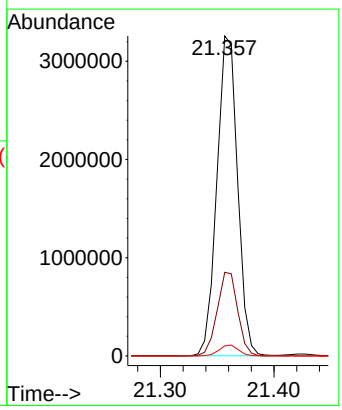
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

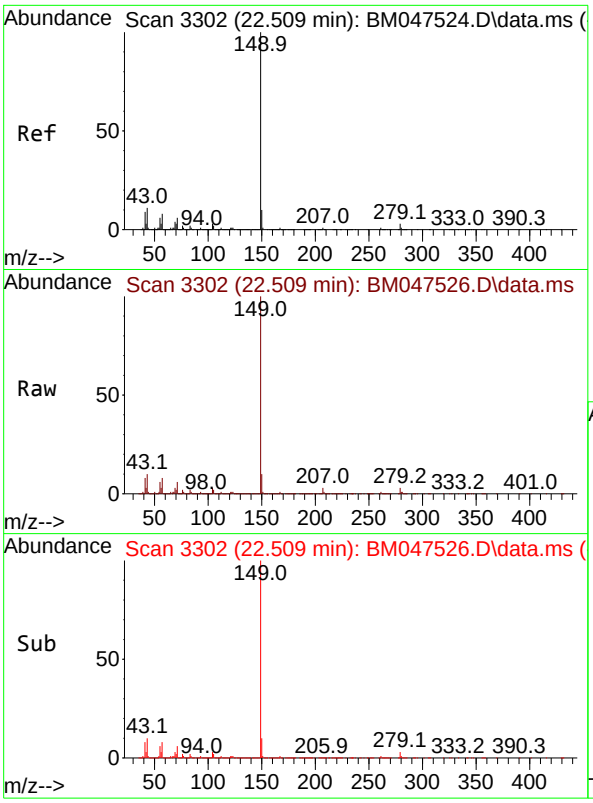


#84
Bis(2-ethylhexyl)phthalate
Concen: 66.107 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.005 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:149 Resp: 4125584

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.4
279	3.1	2.6	4.0

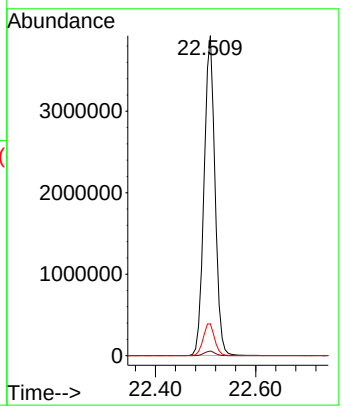




#85
Di-n-octyl phthalate
Concen: 67.112 ng
RT: 22.509 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:149 Resp: 592430

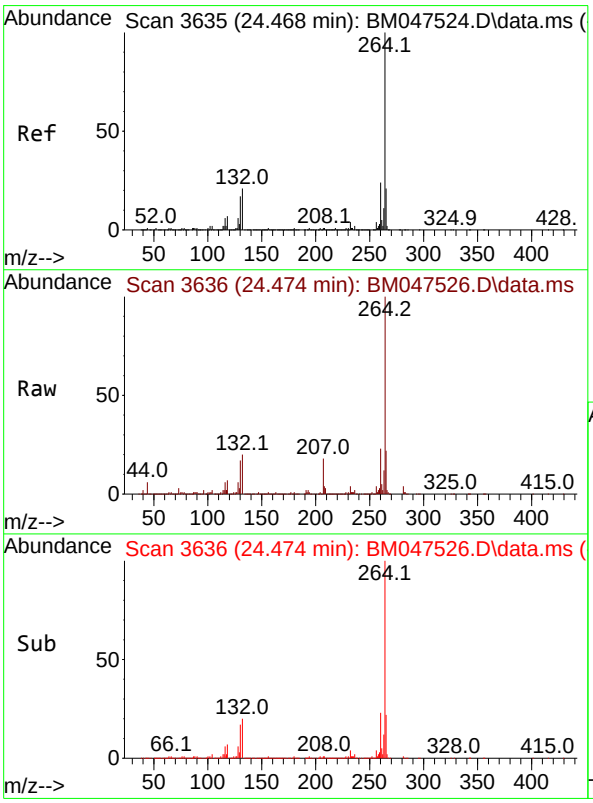
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.5	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

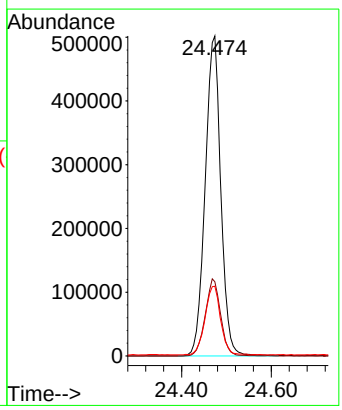
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

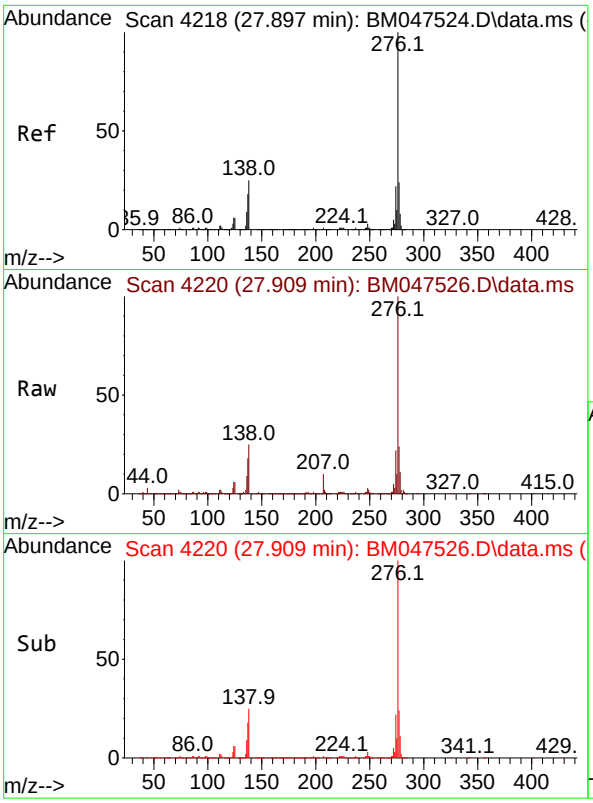


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3636
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:264 Resp: 1211205

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.8	17.4	26.2

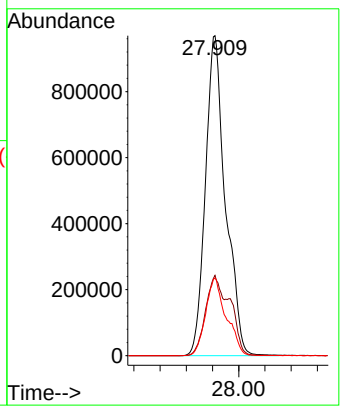




#87
Indeno(1,2,3-cd)pyrene
Concen: 71.030 ng
RT: 27.909 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:276 Resp: 514854

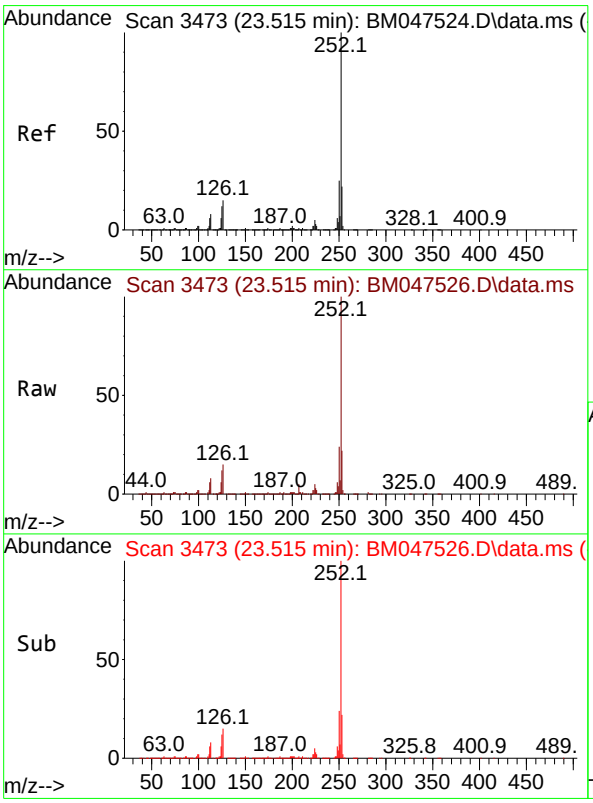
Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6
277	25.1	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

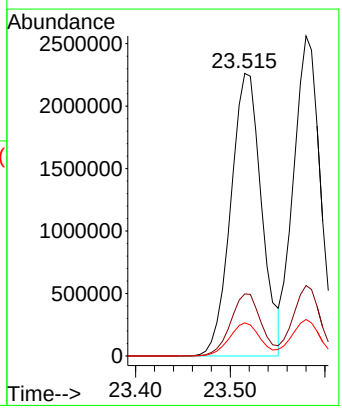
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

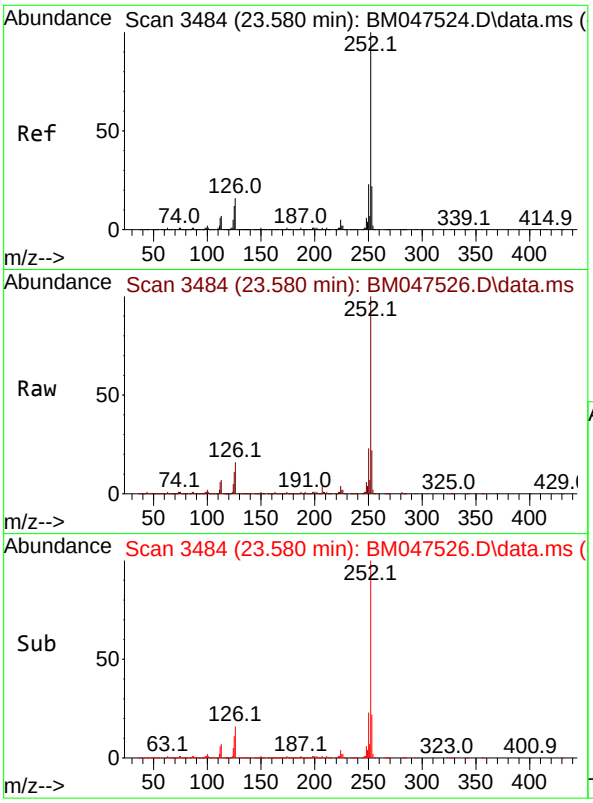


#88
Benzo(b)fluoranthene
Concen: 65.235 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:252 Resp: 5112237

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.7	9.5	14.3

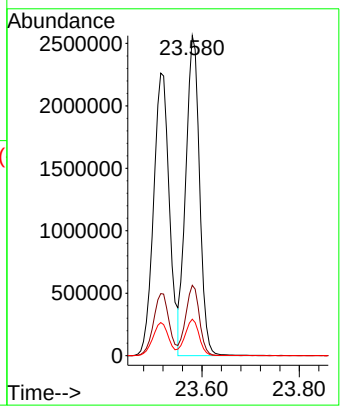




#89
Benzo(k)fluoranthene
Concen: 64.715 ng
RT: 23.580 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:252 Resp: 502624

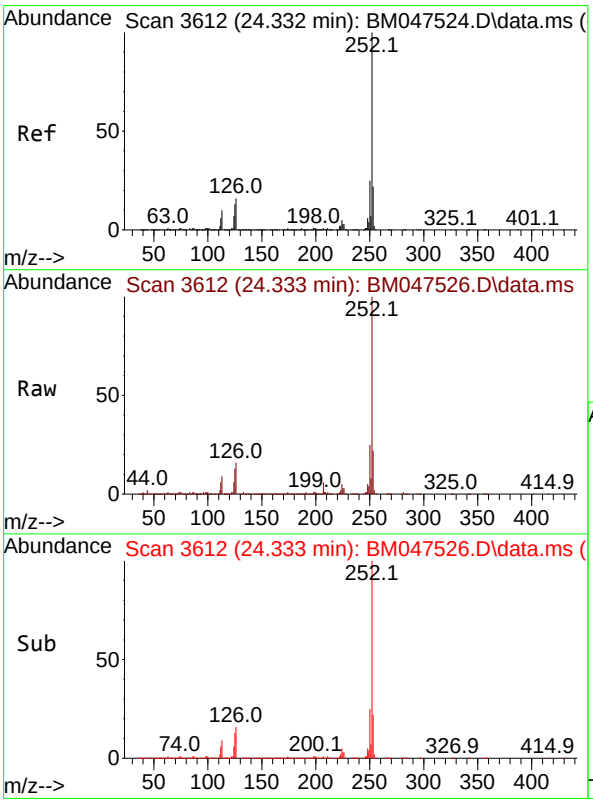
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.4	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

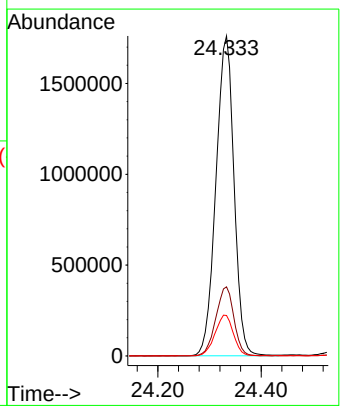
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

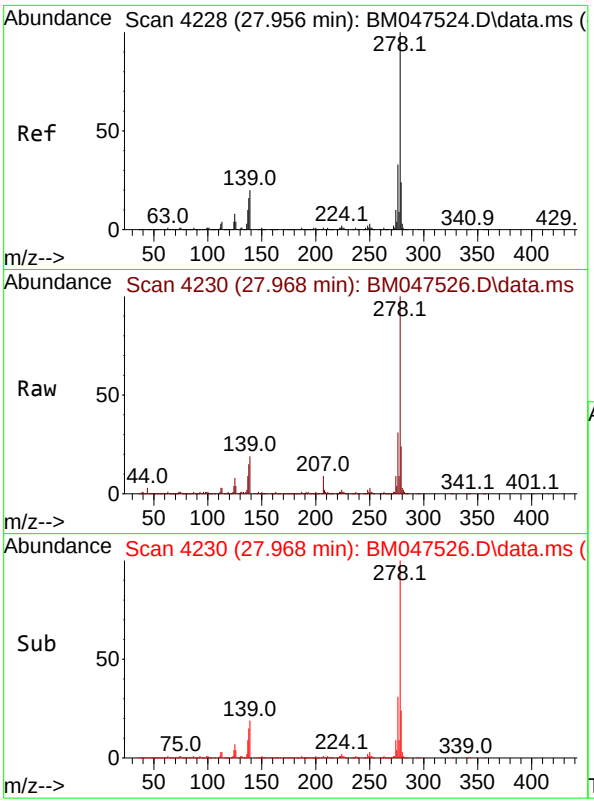


#90
Benzo(a)pyrene
Concen: 66.577 ng
RT: 24.333 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:252 Resp: 4276255

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	12.7	10.2	15.4

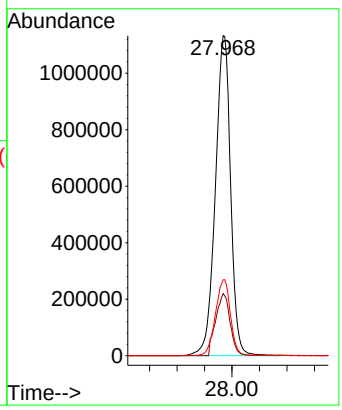




#91
Dibenzo(a,h)anthracene
Concen: 71.370 ng
RT: 27.968 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:278 Resp: 435246

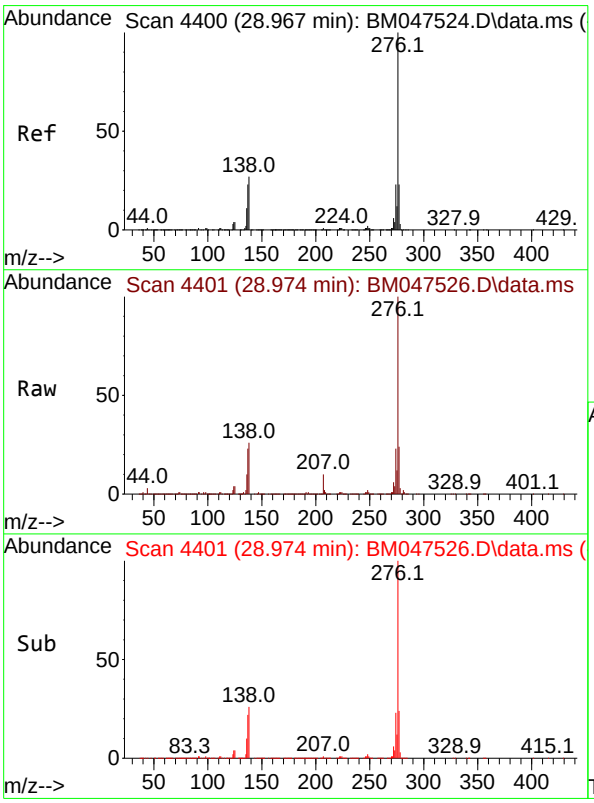
Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	23.7	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

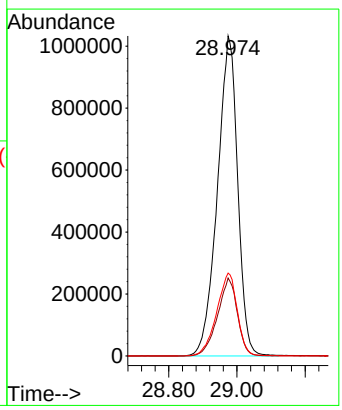
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92
Benzo(g,h,i)perylene
Concen: 71.434 ng
RT: 28.974 min Scan# 4401
Delta R.T. 0.006 min
Lab File: BM047526.D
Acq: 14 Sep 2024 15:54

Tgt Ion:276 Resp: 4255468

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.9	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047527.D
Acq On : 14 Sep 2024 16:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:51:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	404285	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1796687	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1057761	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2067717	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1942846	20.000	ng	0.00
86) Perylene-d12	24.474	264	1576393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	4271874	168.242	ng	0.00
7) Phenol-d6	7.016	99	6162085	172.327	ng	0.00
23) Nitrobenzene-d5	9.010	82	5790861	161.302	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1999370	195.553	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	12747745	166.014	ng	0.00
79) Terphenyl-d14	19.827	244	13800852	127.289	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	813015	74.756	ng	98
3) Pyridine	3.716	79	2567963m	79.346	ng	
4) n-Nitrosodimethylamine	3.628	42	1142344	77.774	ng	99
6) Aniline	7.181	93	2567465	80.988	ng	99
8) 2-Chlorophenol	7.416	128	2324724	83.052	ng	98
9) Benzaldehyde	6.987	77	1038190	61.060	ng	98
10) Phenol	7.046	94	3007878	84.009	ng	96
11) bis(2-Chloroethyl)ether	7.275	93	2286948	79.561	ng	99
12) 1,3-Dichlorobenzene	7.740	146	2435858	79.505	ng	99
13) 1,4-Dichlorobenzene	7.887	146	2498023	80.050	ng	99
14) 1,2-Dichlorobenzene	8.204	146	2491331	81.123	ng	99
15) Benzyl Alcohol	8.093	79	2057266	84.936	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	3052483	75.492	ng	99
17) 2-Methylphenol	8.293	107	1903443	83.218	ng	97
18) Hexachloroethane	8.940	117	977874	78.443	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	1992320	82.637	ng	97
20) 3+4-Methylphenols	8.622	107	2684322	84.108	ng	99
22) Acetophenone	8.675	105	3824012	80.956	ng	98
24) Nitrobenzene	9.051	77	2892211	78.400	ng	98
25) Isophorone	9.581	82	5147890	81.564	ng	98
26) 2-Nitrophenol	9.757	139	1178242	93.728	ng	98
27) 2,4-Dimethylphenol	9.822	122	1580029	82.915	ng	100
28) bis(2-Chloroethoxy)met...	10.057	93	3159251	79.689	ng	100
29) 2,4-Dichlorophenol	10.293	162	2120521	87.588	ng	100
30) 1,2,4-Trichlorobenzene	10.510	180	2299410	82.914	ng	98
31) Naphthalene	10.698	128	7931552	81.739	ng	99
32) Benzoic acid	10.010	122	1633674	81.568	ng	99
33) 4-Chloroaniline	10.804	127	2895334	82.527	ng	99
34) Hexachlorobutadiene	10.992	225	1253407	81.599	ng	99
35) Caprolactam	11.610	113	713610m	89.483	ng	
36) 4-Chloro-3-methylphenol	11.928	107	2422201	87.301	ng	99
37) 2-Methylnaphthalene	12.310	142	5533461	85.681	ng	99
38) 1-Methylnaphthalene	12.528	142	5458215	85.045	ng	99
40) 1,2,4,5-Tetrachloroben...	12.681	216	2478282	86.585	ng	99
41) Hexachlorocyclopentadiene	12.663	237	767897	82.067	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	1608158	89.682	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047527.D
Acq On : 14 Sep 2024 16:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:51:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1807737	89.254	ng	96
46) 1,1'-Biphenyl	13.322	154	6900085	83.841	ng	99
47) 2-Chloronaphthalene	13.363	162	5299327	82.926	ng	100
48) 2-Nitroaniline	13.557	65	1636291	87.177	ng	95
49) Acenaphthylene	14.204	152	7902521	85.694	ng	99
50) Dimethylphthalate	13.951	163	6053832	83.970	ng	99
51) 2,6-Dinitrotoluene	14.057	165	1339809	88.032	ng	96
52) Acenaphthene	14.551	154	5646673	87.391	ng	98
53) 3-Nitroaniline	14.386	138	1507991	89.143	ng	92
54) 2,4-Dinitrophenol	14.586	184	687253	80.155	ng	88
55) Dibenzofuran	14.880	168	7658287	84.345	ng	99
56) 4-Nitrophenol	14.686	139	1275528	91.631	ng	96
57) 2,4-Dinitrotoluene	14.839	165	1862347	91.750	ng	95
58) Fluorene	15.527	166	6958364	85.121	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1418100	89.803	ng	98
60) Diethylphthalate	15.310	149	6548466	85.346	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	3240239	86.689	ng	96
62) 4-Nitroaniline	15.545	138	1774673	89.247	ng	99
63) Azobenzene	15.816	77	6753769	79.939	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	930135	82.293	ng	86
66) n-Nitrosodiphenylamine	15.739	169	5343062	84.468	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1776087	88.401	ng	96
68) Hexachlorobenzene	16.533	284	1973858	86.722	ng	95
69) Atrazine	16.686	200	1491993	85.338	ng	99
70) Pentachlorophenol	16.869	266	1295032	98.154	ng	100
71) Phenanthrene	17.263	178	9619666	84.419	ng	99
72) Anthracene	17.351	178	9345063	85.358	ng	98
73) Carbazole	17.616	167	9447268	87.074	ng	100
74) Di-n-butylphthalate	18.186	149	11171302	86.054	ng	96
75) Fluoranthene	19.268	202	11144442	89.637	ng	95
78) Pyrene	19.627	202	11546013	81.473	ng	94
80) Butylbenzylphthalate	20.527	149	5169435	94.758	ng	94
81) Benzo(a)anthracene	21.427	228	10436413	82.413	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	2865589	85.067	ng	99
83) Chrysene	21.492	228	9790429	81.737	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	8042940	94.112	ng	97
85) Di-n-octyl phthalate	22.509	149	12044470	99.636	ng	96
87) Indeno(1,2,3-cd)pyrene	27.915	276	7774612	82.411	ng	98
88) Benzo(b)fluoranthene	23.521	252	9031581	88.549	ng	99
89) Benzo(k)fluoranthene	23.586	252	8979117	88.828	ng	99
90) Benzo(a)pyrene	24.339	252	7381766	88.303	ng	99
91) Dibenzo(a,h)anthracene	27.980	278	6673296	84.077	ng	98
92) Benzo(g,h,i)perylene	28.985	276	6230387	80.358	ng	99

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

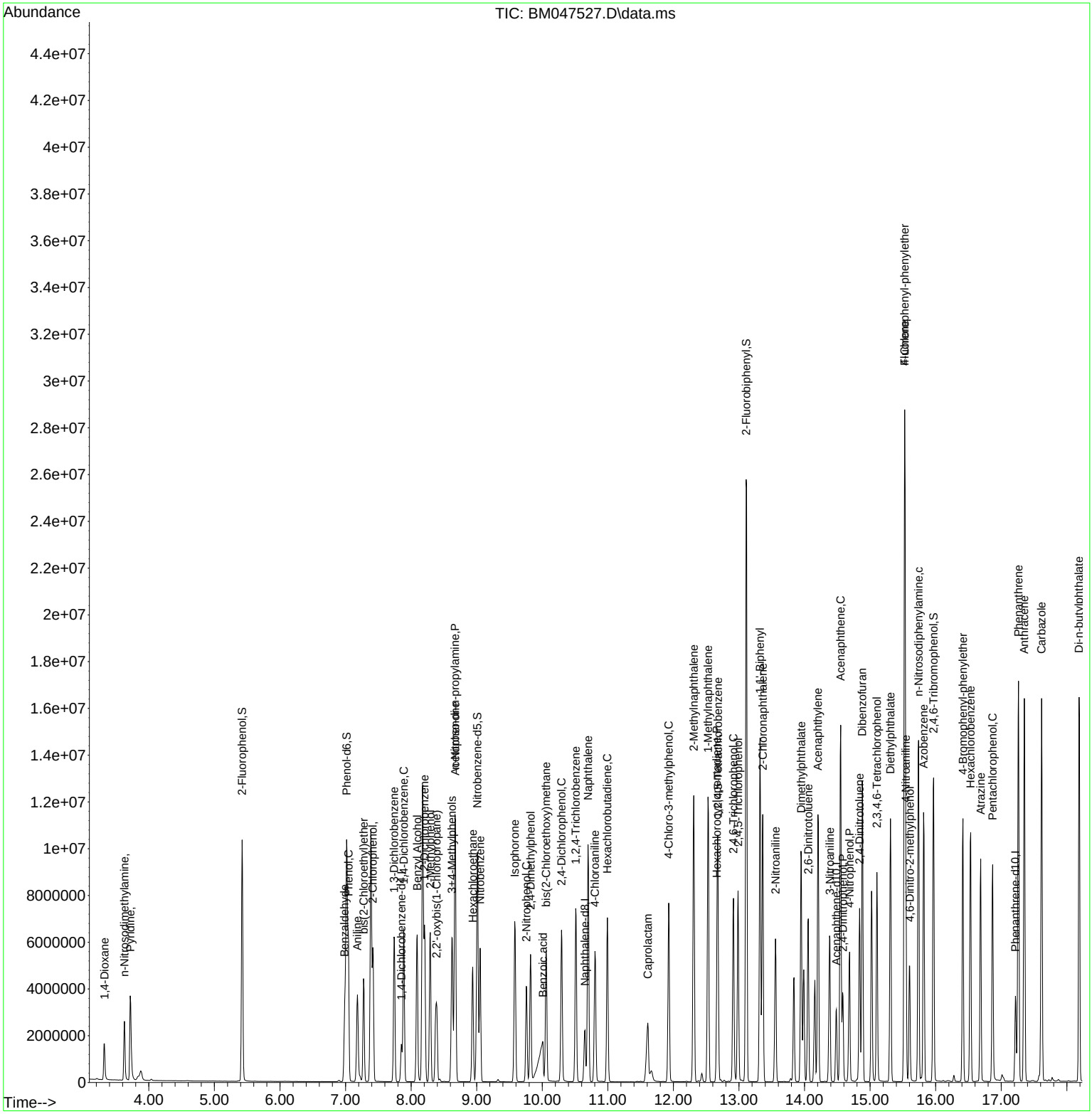
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047527.D
Acq On : 14 Sep 2024 16:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 08:51:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



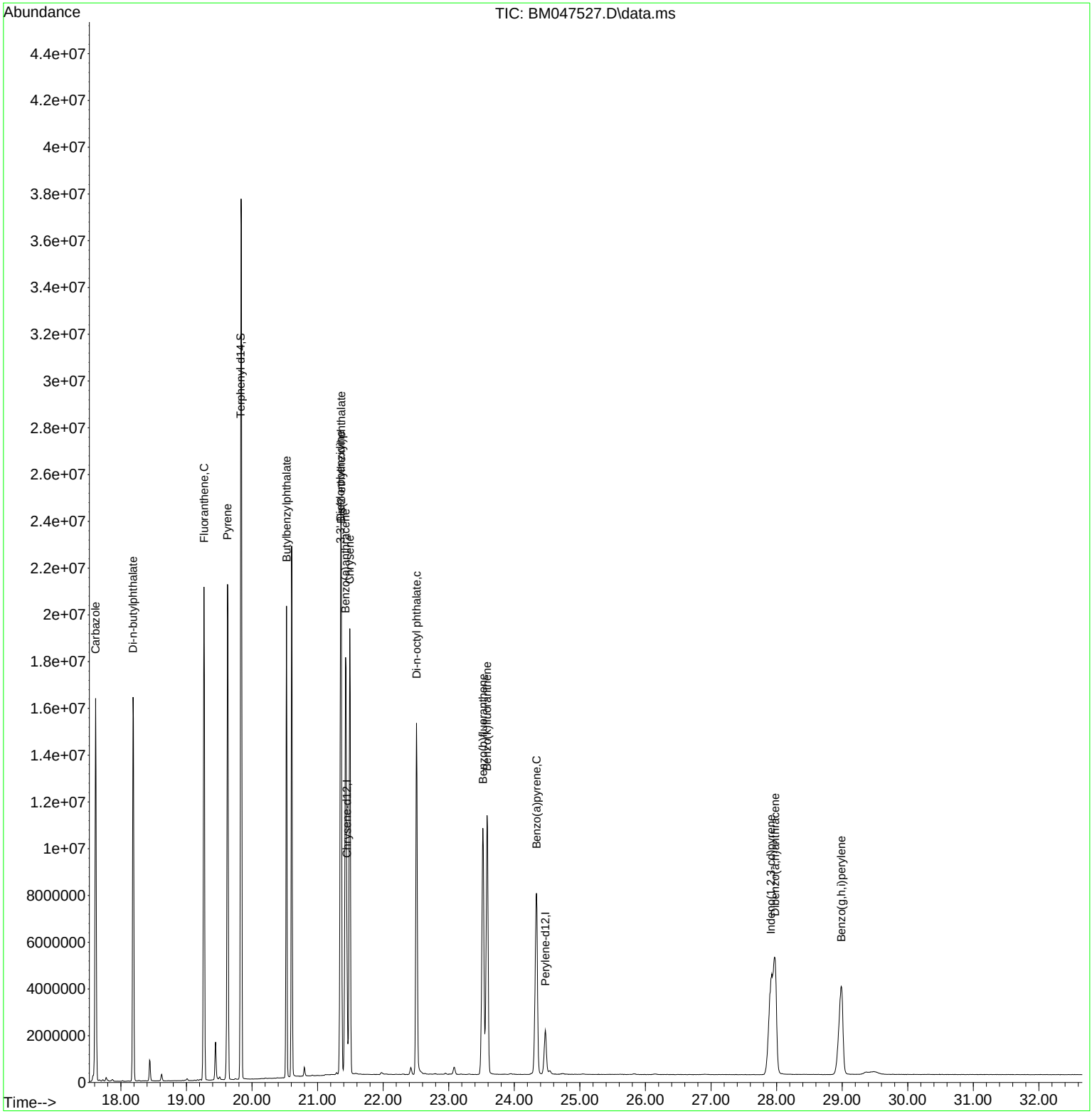
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Data File : BM047527.D
Acq On : 14 Sep 2024 16:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

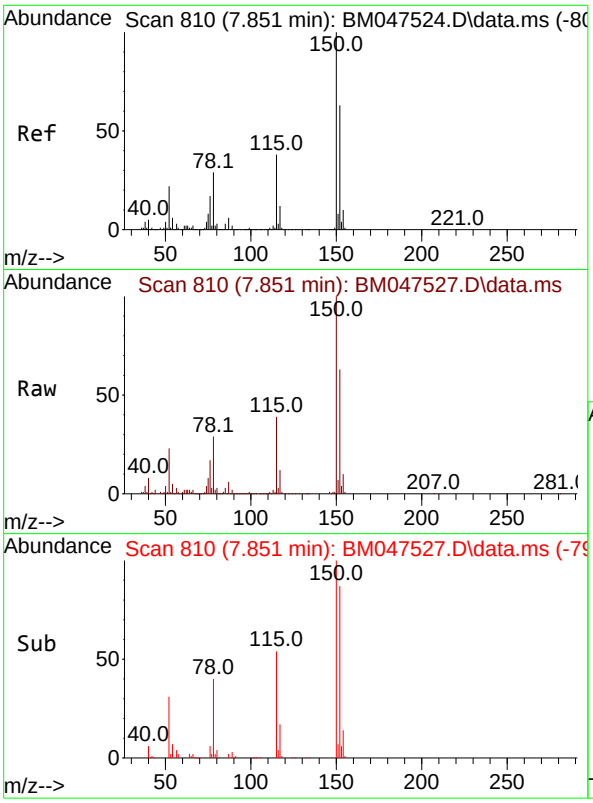
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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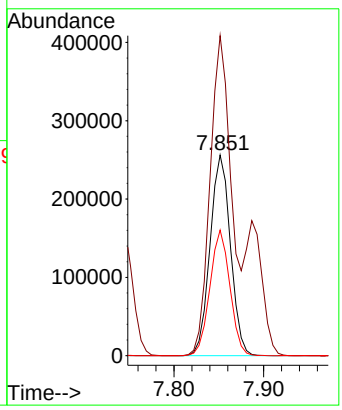




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:152 Resp: 40428

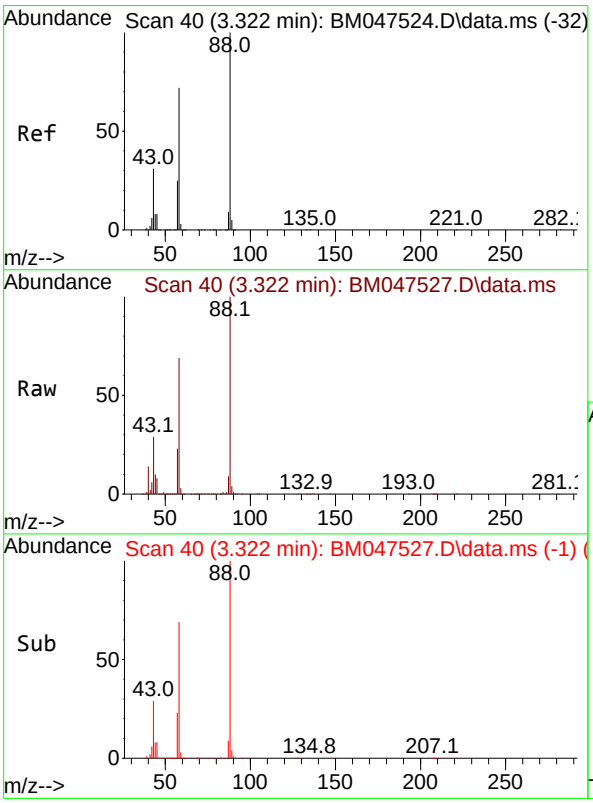
Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.8	190.2
115	62.6	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

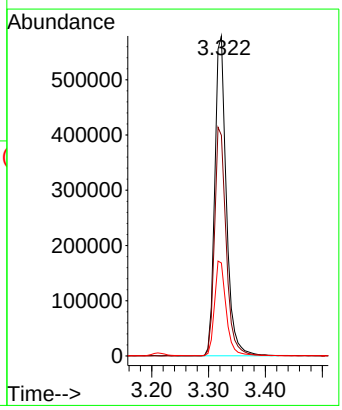
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

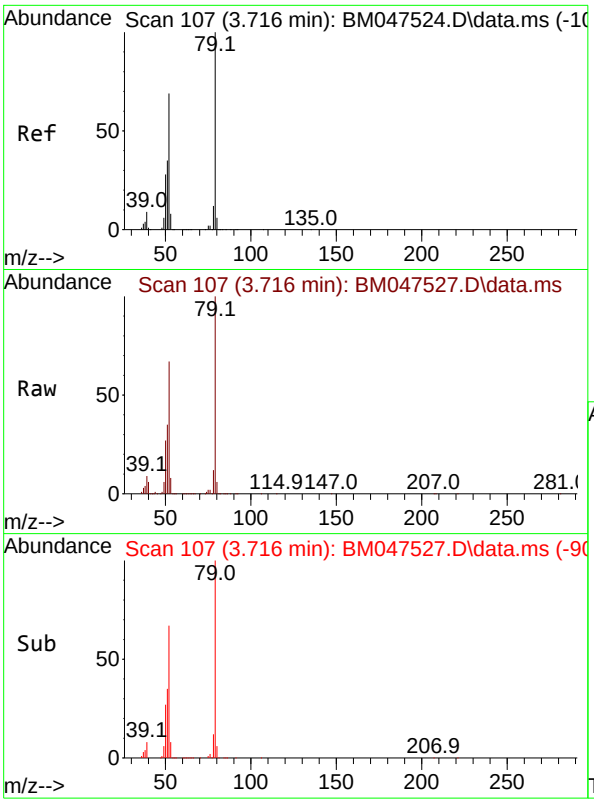


#2
1,4-Dioxane
Concen: 74.756 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 88 Resp: 813015

Ion	Ratio	Lower	Upper
88	100		
58	72.5	59.0	88.6
43	29.9	25.0	37.4

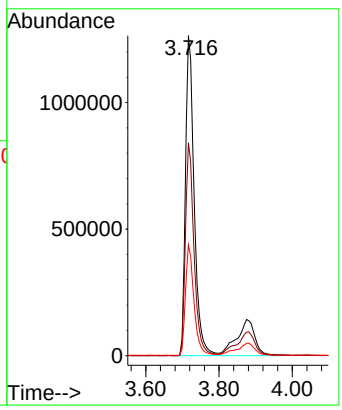




#3
Pyridine
Concen: 79.346 ng m
RT: 3.716 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 79 Resp: 256796

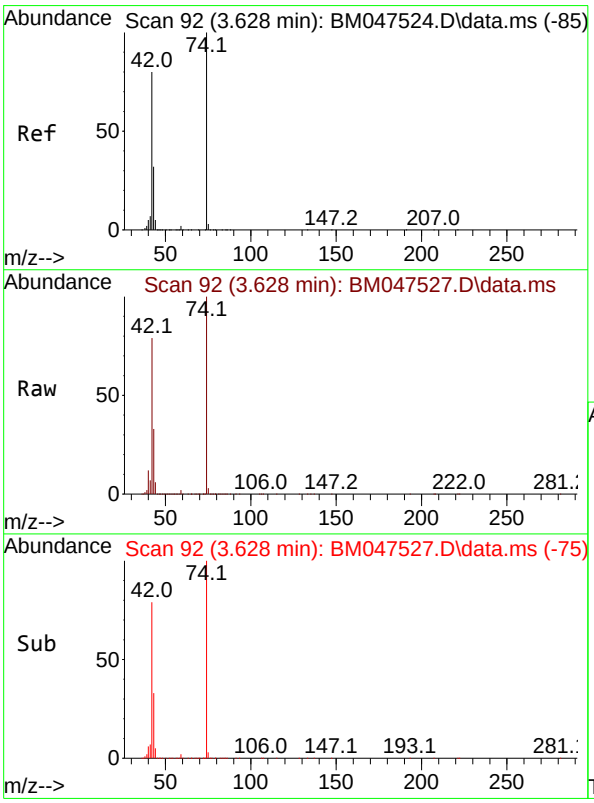
Ion	Ratio	Lower	Upper
79	100		
52	66.6	55.4	83.0
51	34.6	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

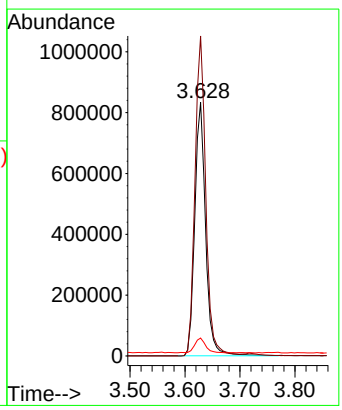
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

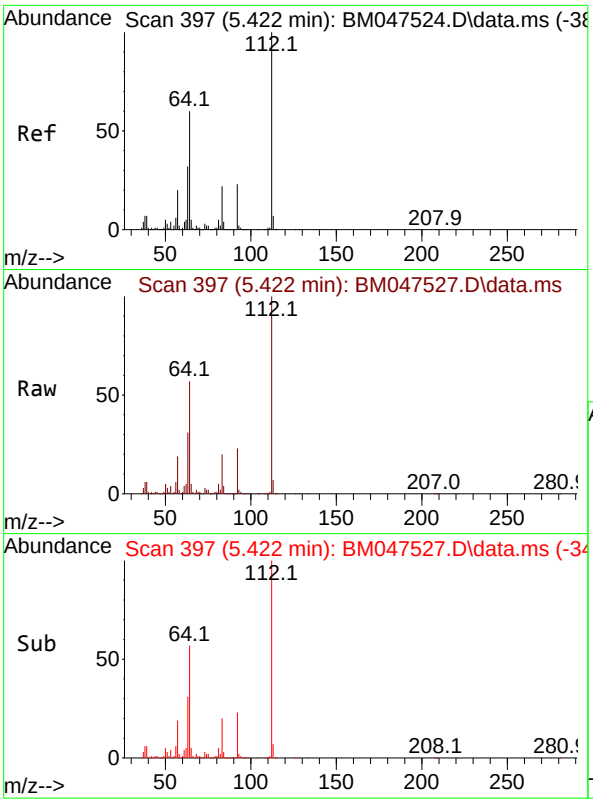


#4
n-Nitrosodimethylamine
Concen: 77.774 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 42 Resp: 1142344

Ion	Ratio	Lower	Upper
42	100		
74	126.2	100.5	150.7
44	7.1	6.9	10.3

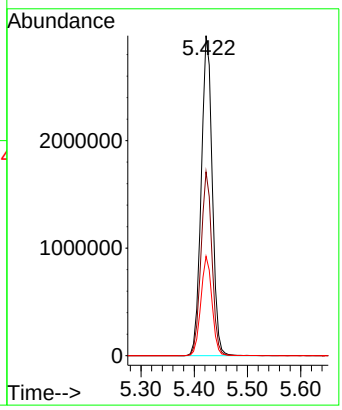




#5
2-Fluorophenol
Concen: 168.242 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:112 Resp: 427187

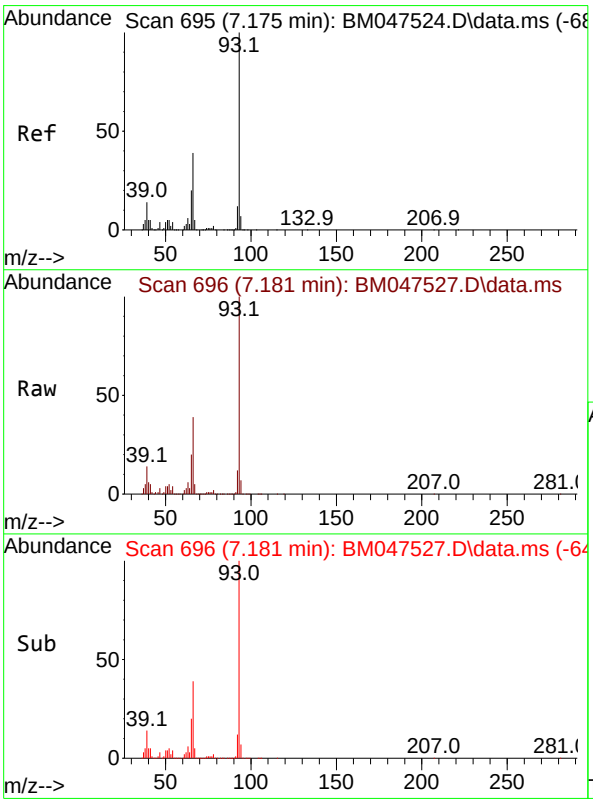
Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.2	72.4
63	31.1	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

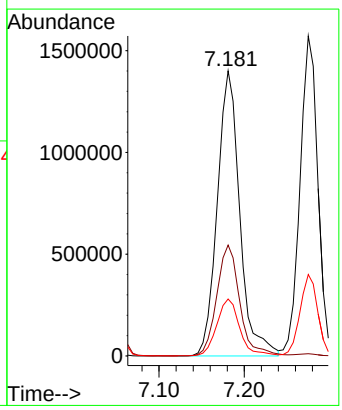
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

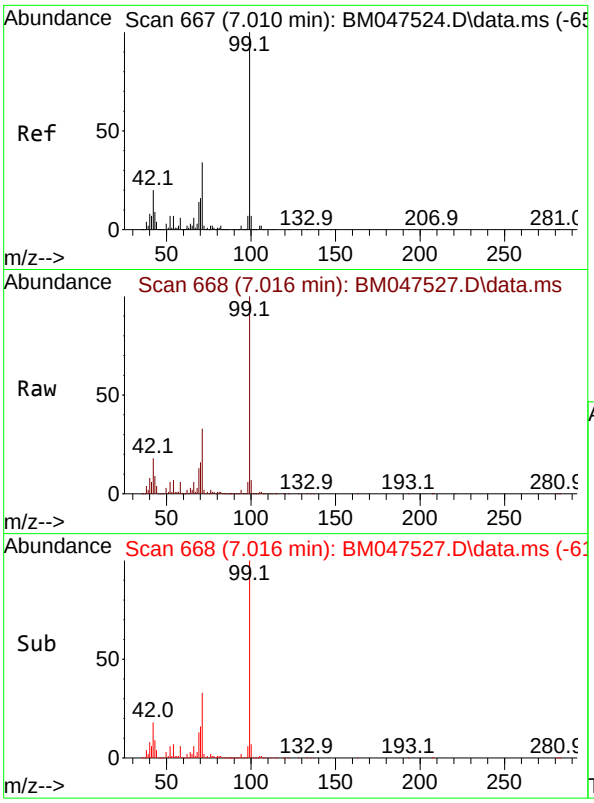


#6
Aniline
Concen: 80.988 ng
RT: 7.181 min Scan# 696
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 93 Resp: 2567465

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.4	47.0
65	20.0	16.3	24.5

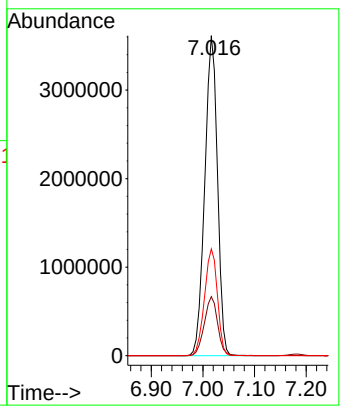




#7
Phenol-d6
Concen: 172.327 ng
RT: 7.016 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 99 Resp: 616208

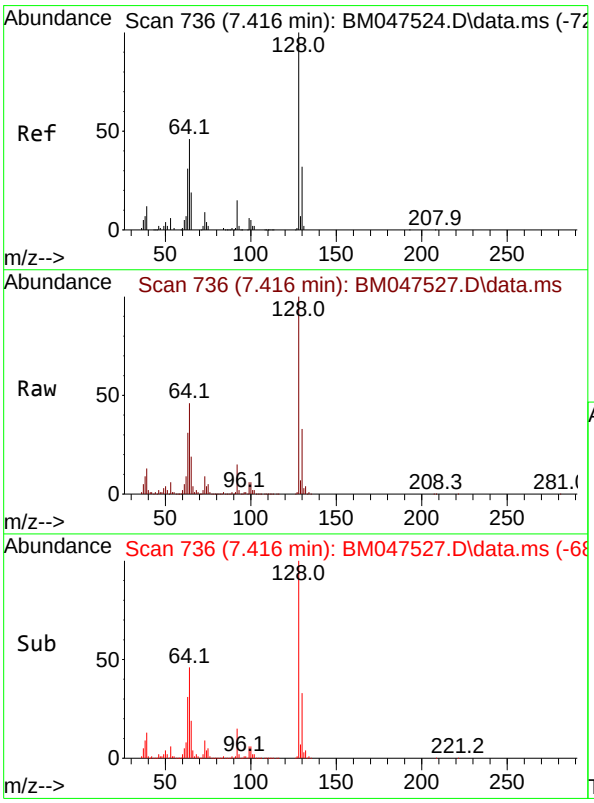
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.8
71	33.4	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

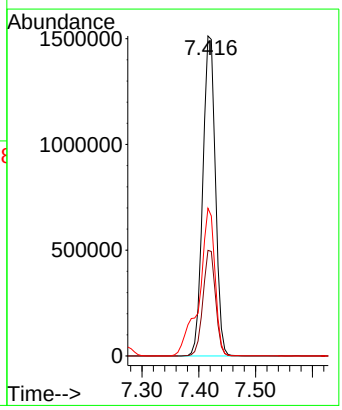
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

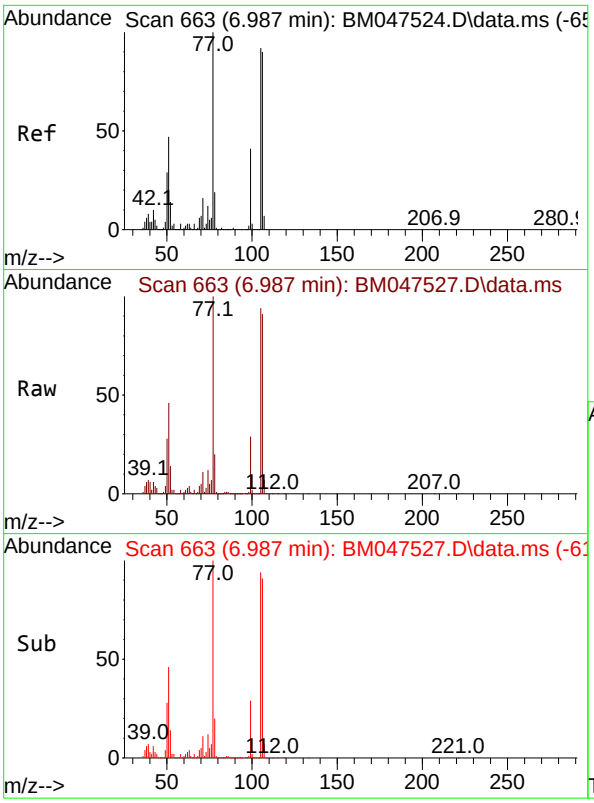


#8
2-Chlorophenol
Concen: 83.052 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:128 Resp: 2324724

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.8	51.8
64	46.2	27.6	67.6

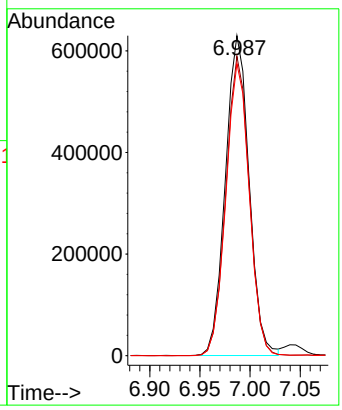




#9
Benzaldehyde
Concen: 61.060 ng
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 77 Resp: 103819

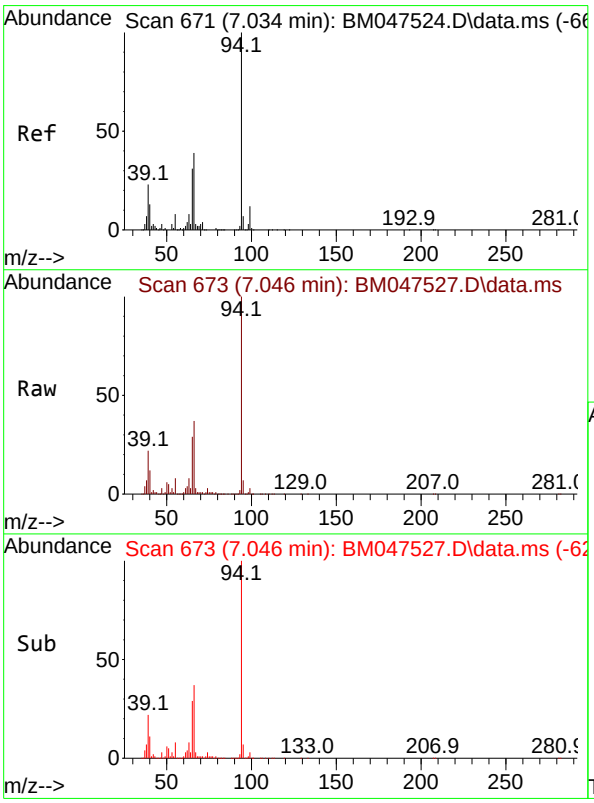
Ion	Ratio	Lower	Upper
77	100		
105	93.5	71.8	111.8
106	91.2	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

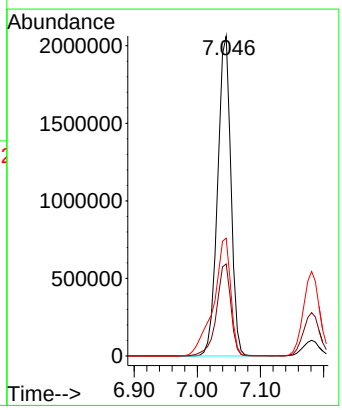
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

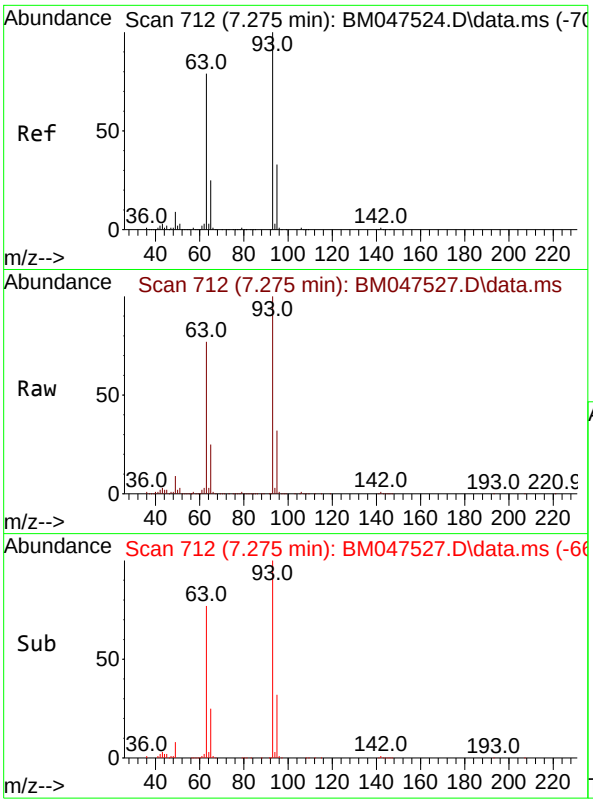


#10
Phenol
Concen: 84.009 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 94 Resp: 3007878

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.8	50.8
66	36.8	19.2	59.2

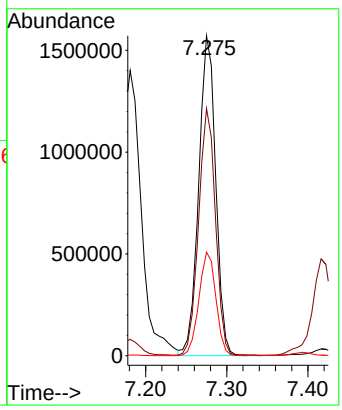




#11
bis(2-Chloroethyl)ether
Concen: 79.561 ng
RT: 7.275 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 93 Resp: 228694

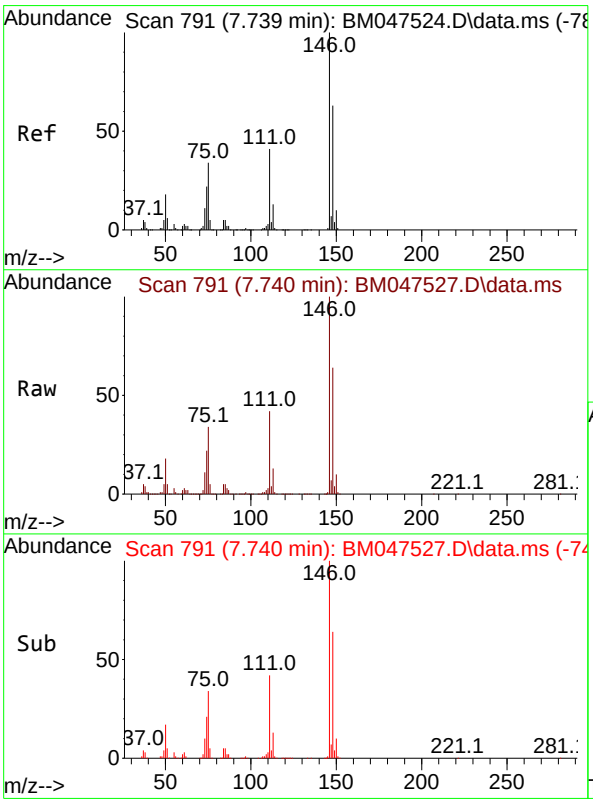
Ion	Ratio	Lower	Upper
93	100		
63	77.3	58.2	98.2
95	32.3	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

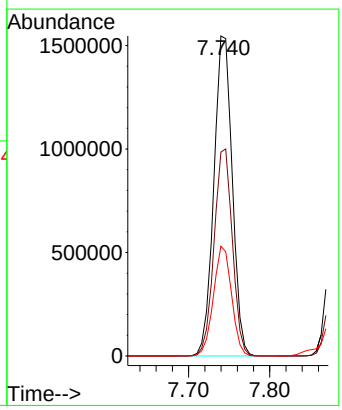
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

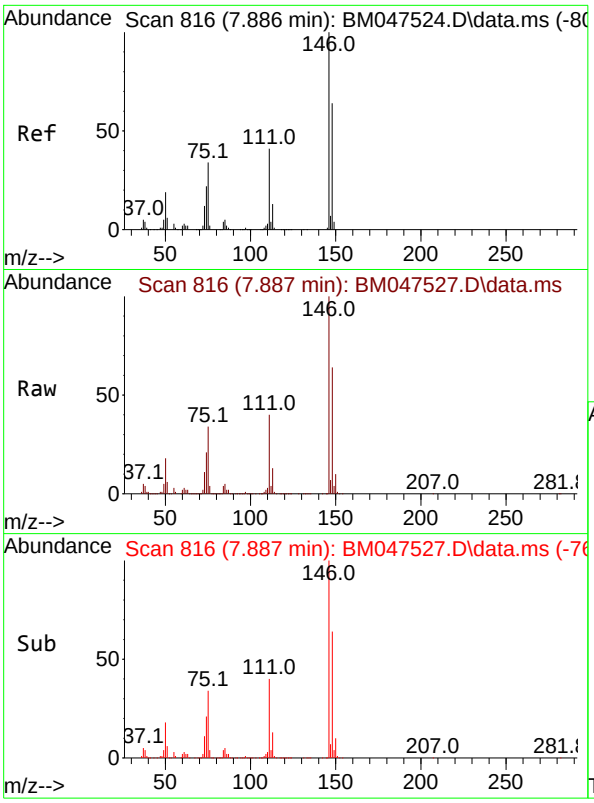


#12
1,3-Dichlorobenzene
Concen: 79.505 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:146 Resp: 2435858

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.4
75	34.3	27.4	41.0

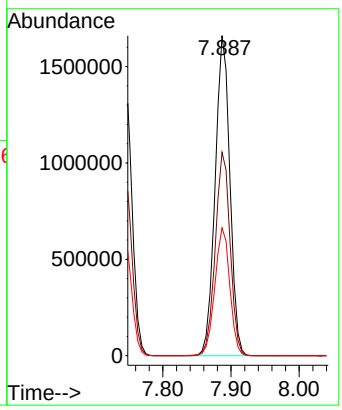




#13
1,4-Dichlorobenzene
Concen: 80.050 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:146 Resp: 249802

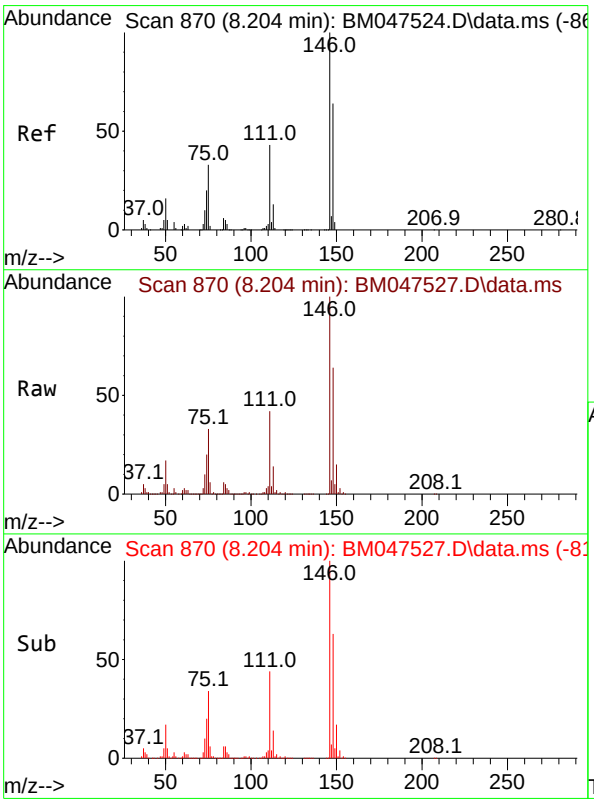
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	39.9	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

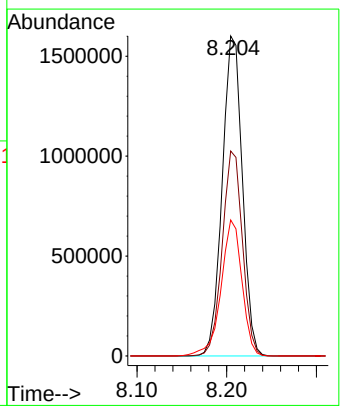
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

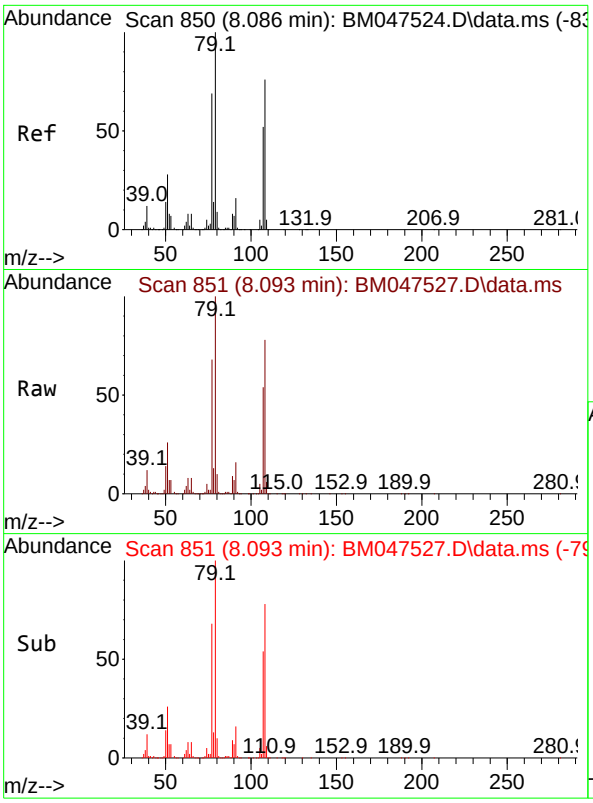


#14
1,2-Dichlorobenzene
Concen: 81.123 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:146 Resp: 2491331

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	42.5	34.7	52.1

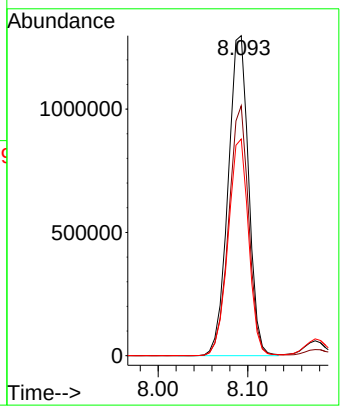




#15
Benzyl Alcohol
Concen: 84.936 ng
RT: 8.093 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 79 Resp: 205726

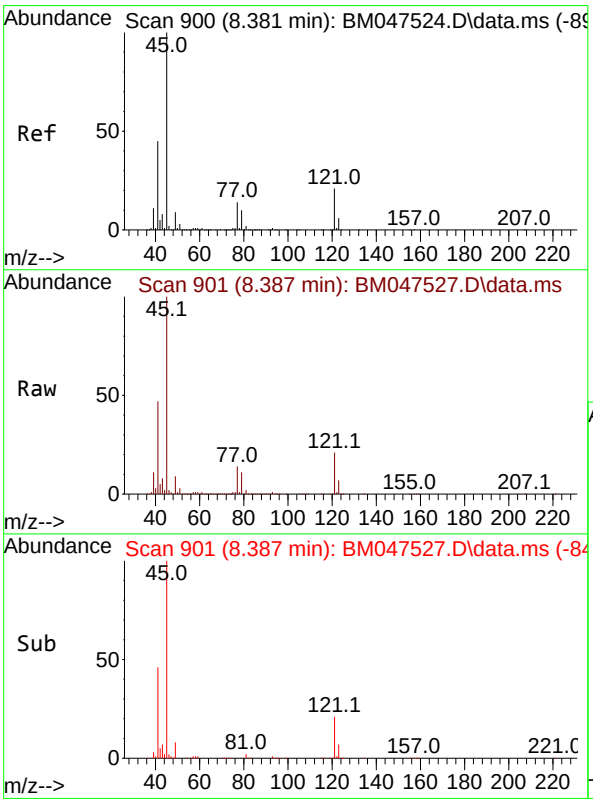
Ion	Ratio	Lower	Upper
79	100		
108	78.1	60.6	91.0
77	67.7	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
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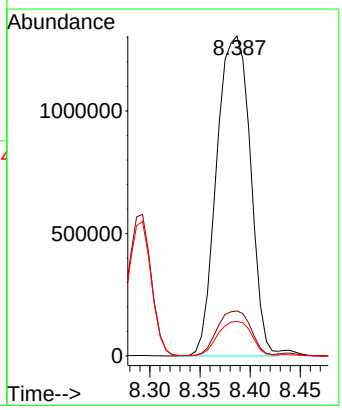
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

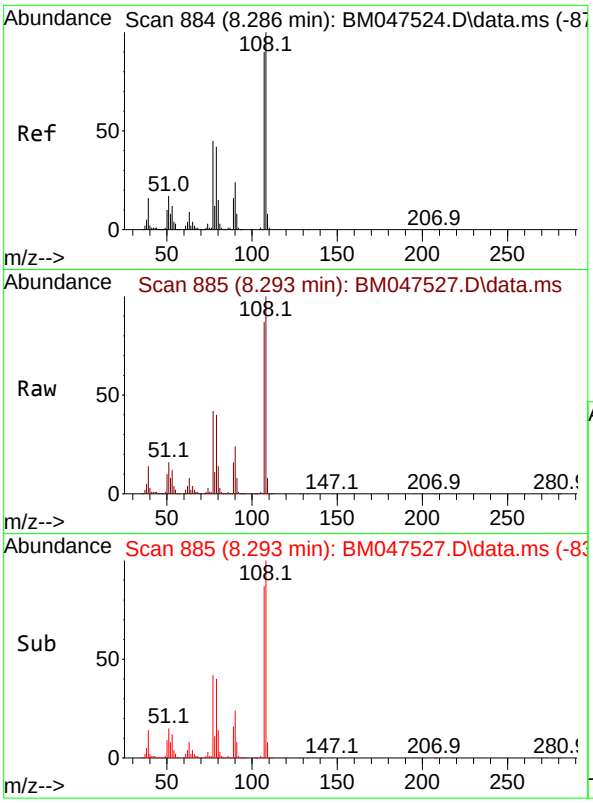


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.492 ng
RT: 8.387 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 45 Resp: 3052483

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.7
79	10.8	0.0	30.3

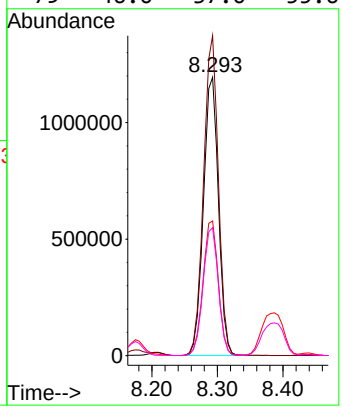




#17
2-Methylphenol
Concen: 83.218 ng
RT: 8.293 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:107 Resp: 190344

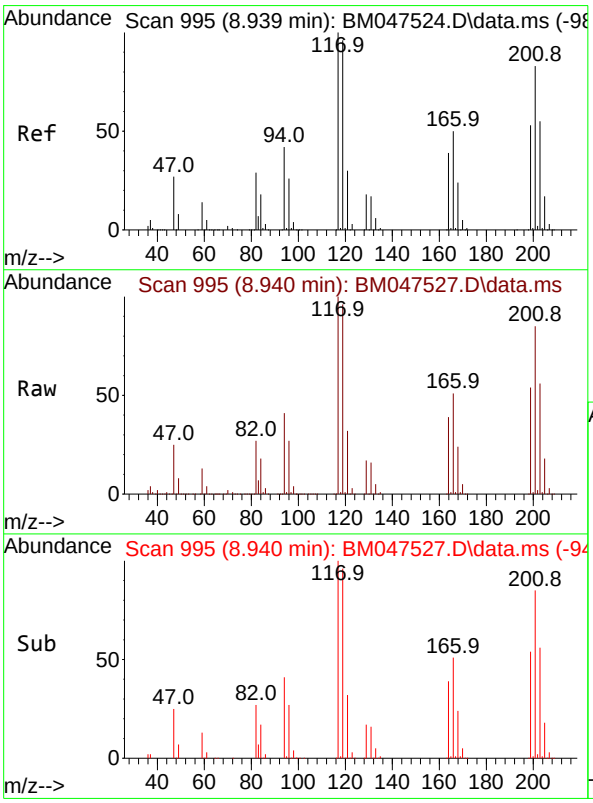
Ion	Ratio	Lower	Upper
107	100		
108	114.9	88.9	133.3
77	48.4	39.8	59.8
79	46.0	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
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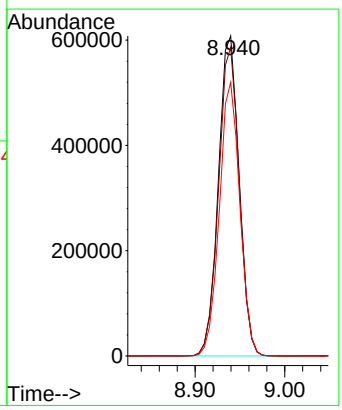
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

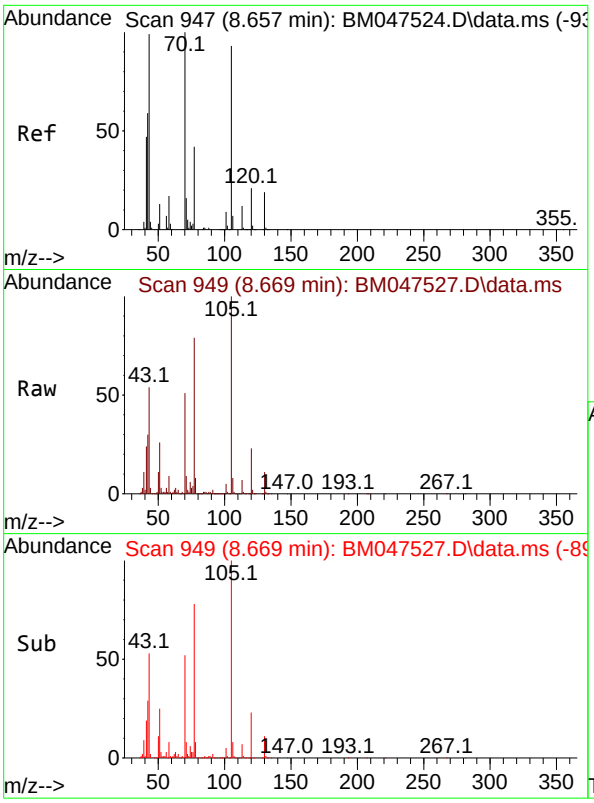


#18
Hexachloroethane
Concen: 78.443 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:117 Resp: 977874

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.4
201	85.5	66.8	100.2

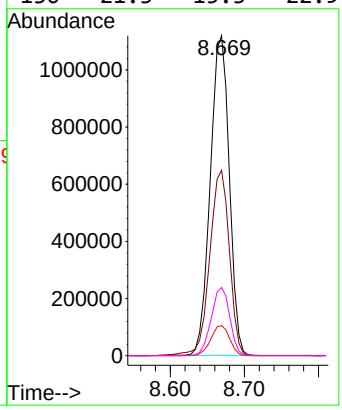




#19
n-Nitroso-di-n-propylamine
Concen: 82.637 ng
RT: 8.669 min Scan# 94
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 70 Resp: 199232

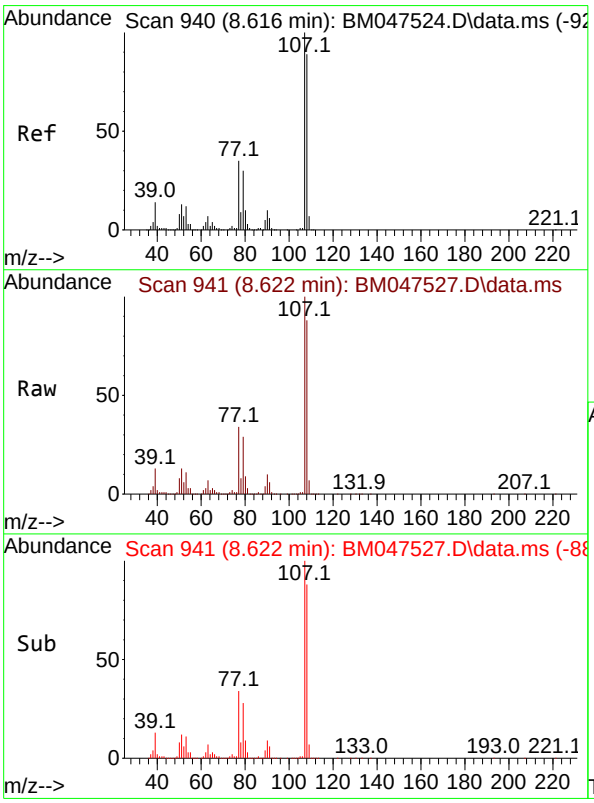
Ion	Ratio	Lower	Upper
70	100		
42	58.0	48.2	72.2
101	9.4	7.0	10.4
130	21.3	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

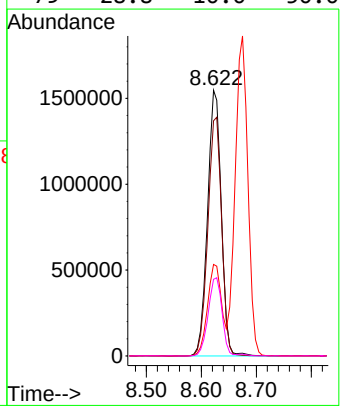
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

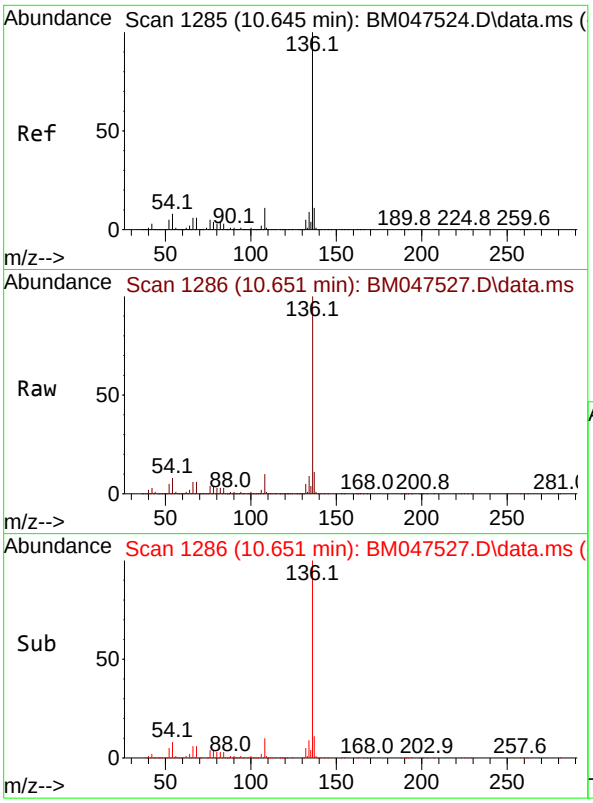


#20
3+4-Methylphenols
Concen: 84.108 ng
RT: 8.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:107 Resp: 2684322

Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.9	108.9
77	34.5	15.5	55.5
79	28.8	10.0	50.0

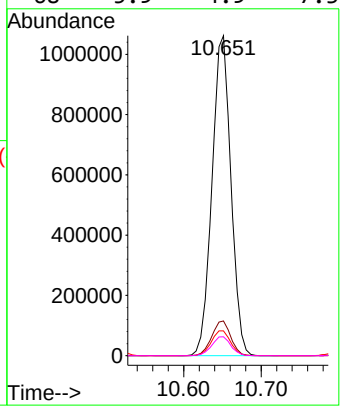




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:136 Resp: 179668

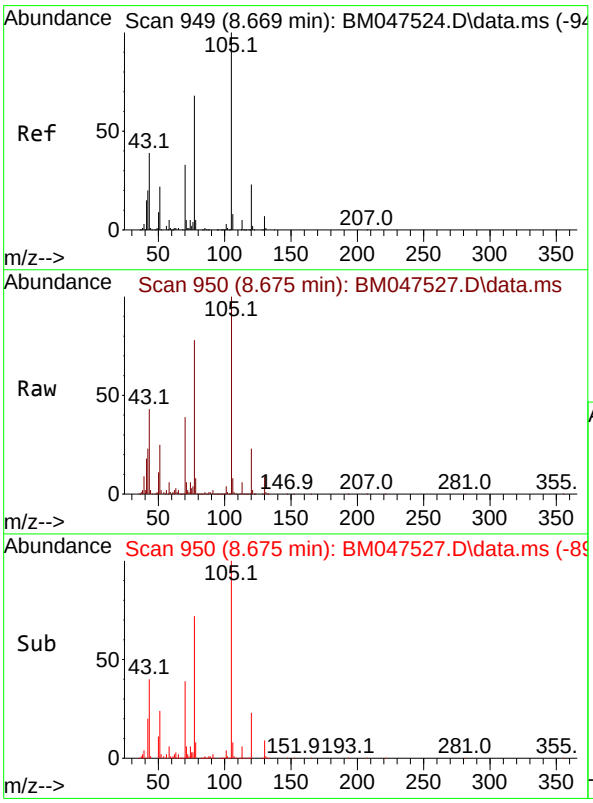
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.7	6.6	9.8
68	5.9	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

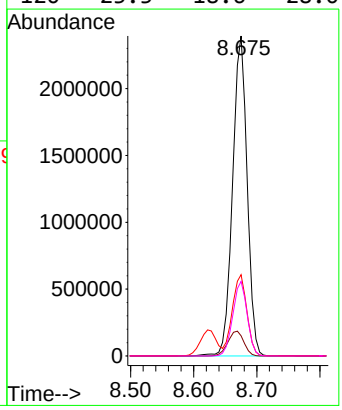
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

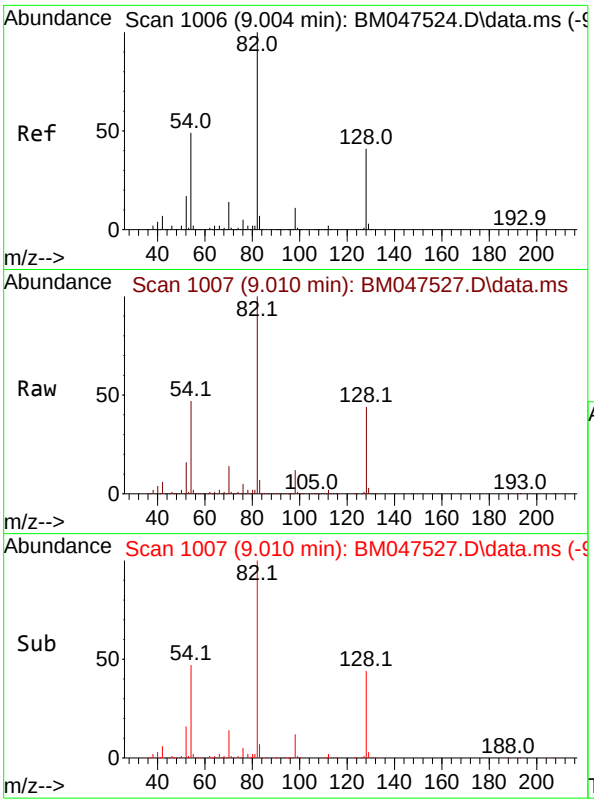


#22
Acetophenone
Concen: 80.956 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:105 Resp: 3824012

Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.3	6.5
51	25.4	21.5	32.3
120	23.3	18.6	28.0

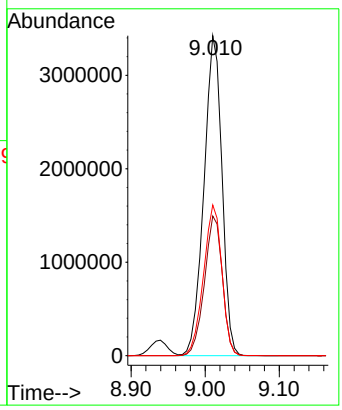




#23
Nitrobenzene-d5
Concen: 161.302 ng
RT: 9.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 82 Resp: 579086

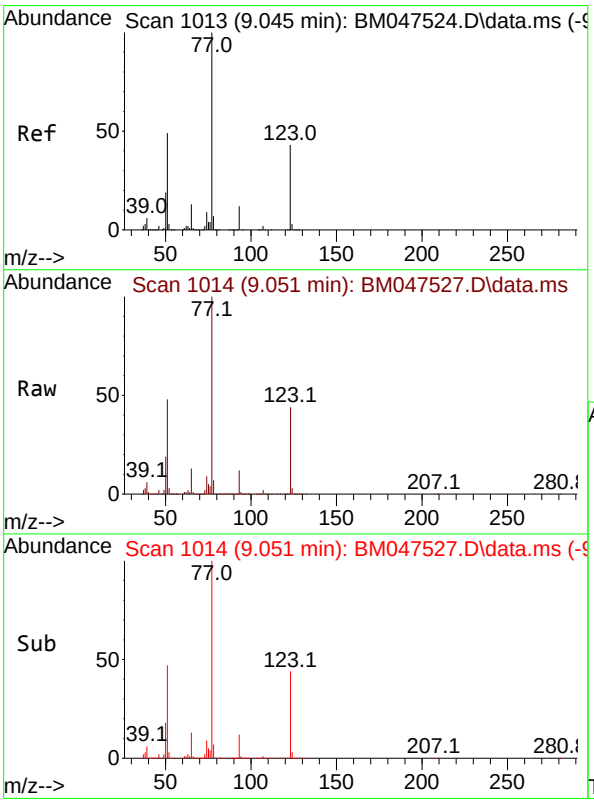
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.4
54	47.1	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
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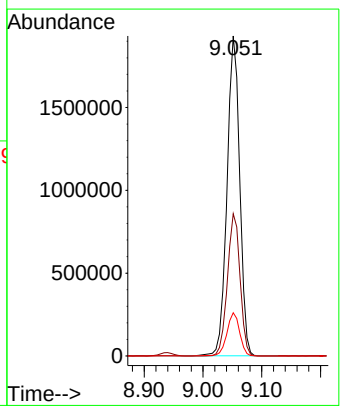
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

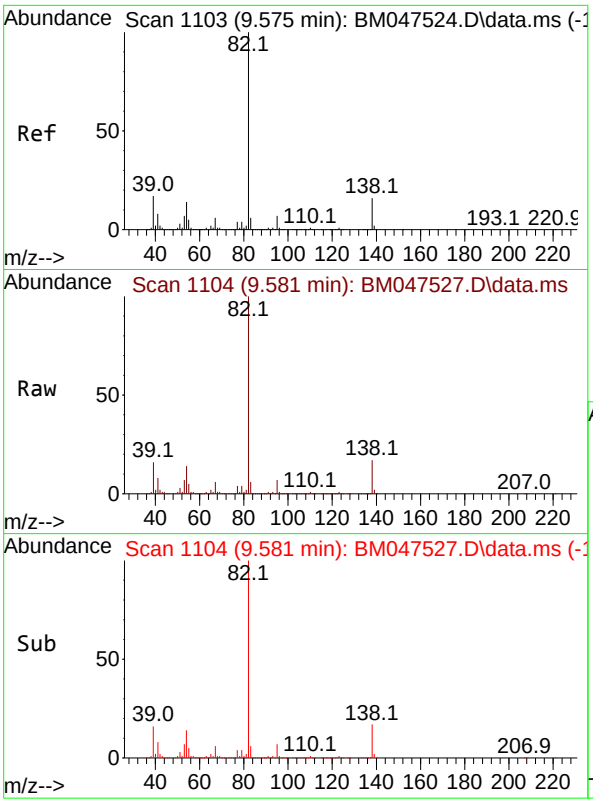


#24
Nitrobenzene
Concen: 78.400 ng
RT: 9.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 77 Resp: 2892211

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.5	51.7
65	13.5	10.7	16.1

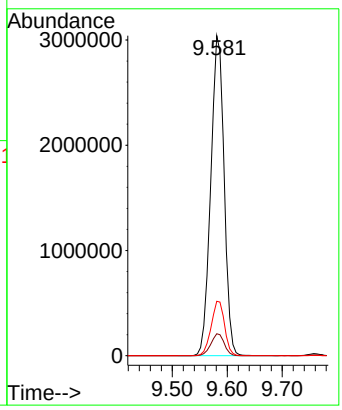




#25
Isophorone
Concen: 81.564 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 82 Resp: 514789

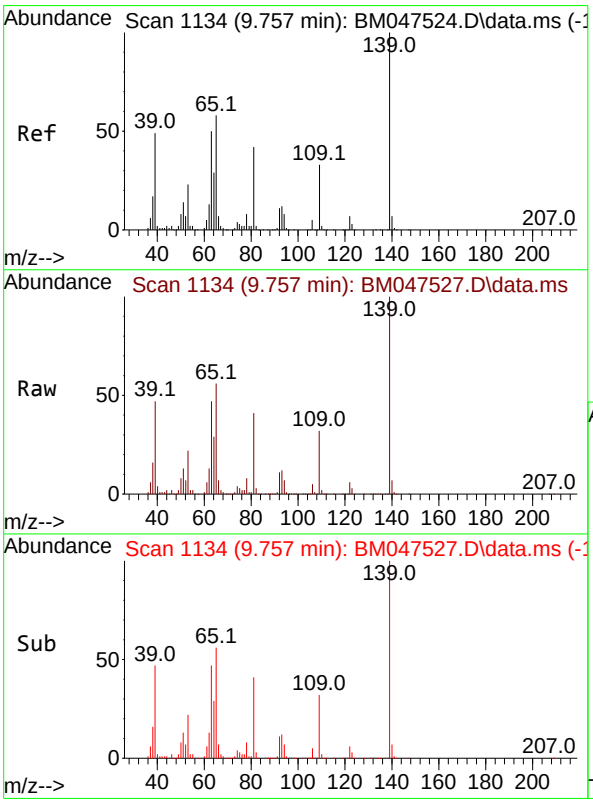
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	17.0	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

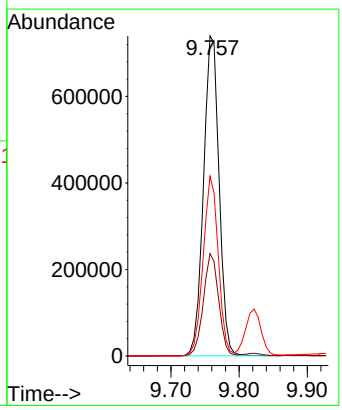
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

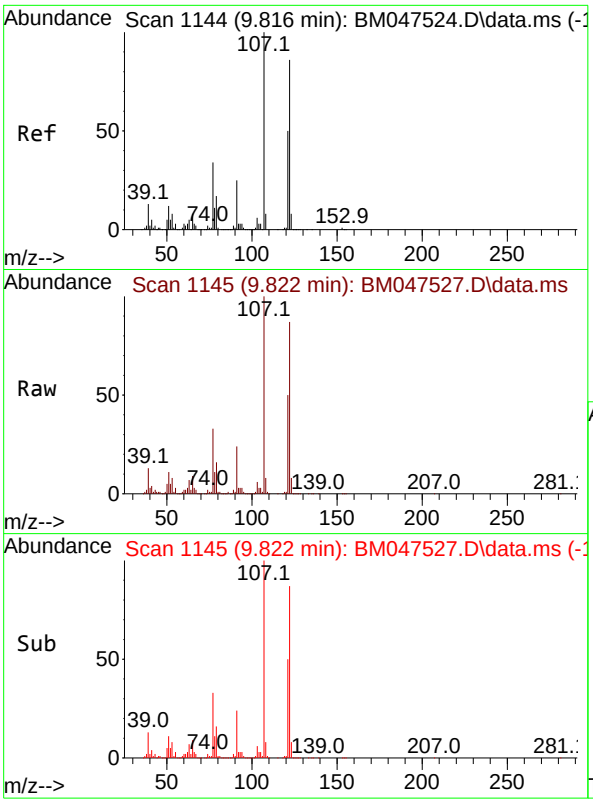


#26
2-Nitrophenol
Concen: 93.728 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:139 Resp: 1178242

Ion	Ratio	Lower	Upper
139	100		
109	32.0	26.0	39.0
65	56.2	46.2	69.4

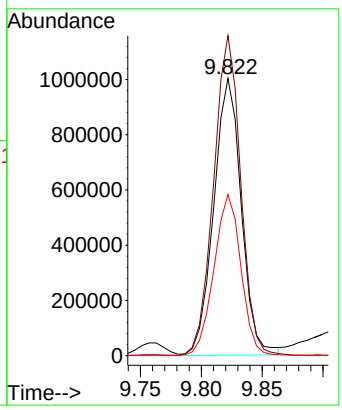




#27
2,4-Dimethylphenol
Concen: 82.915 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:122 Resp: 158002

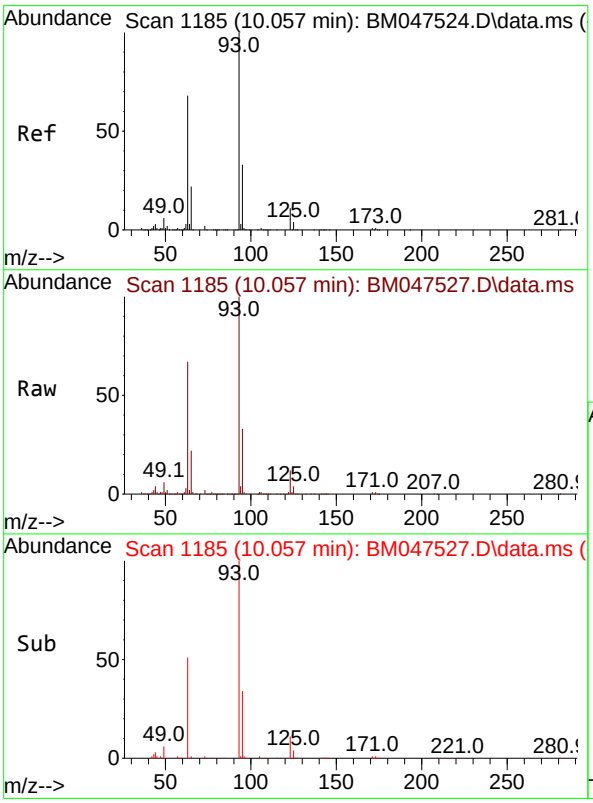
Ion	Ratio	Lower	Upper
122	100		
107	115.4	92.4	138.6
121	58.1	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
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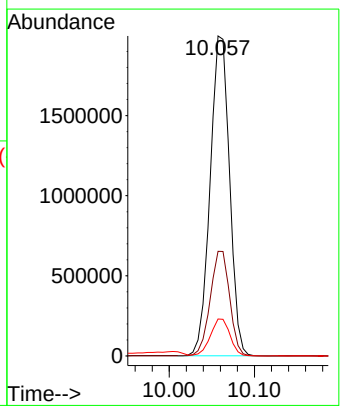
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

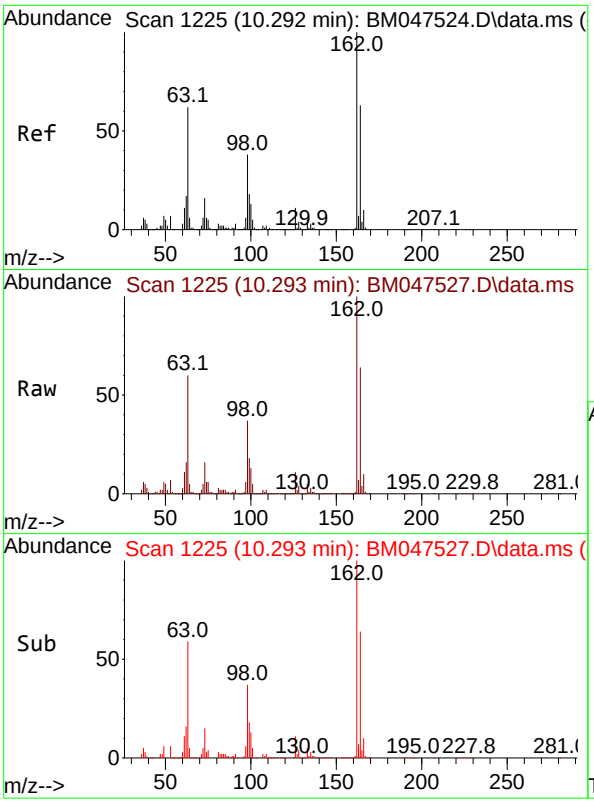


#28
bis(2-Chloroethoxy)methane
Concen: 79.689 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 93 Resp: 3159251

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.5	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 87.588 ng
RT: 10.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

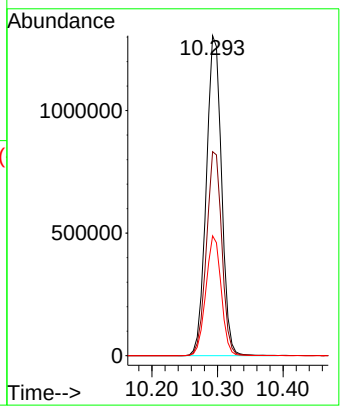
Tgt Ion:162 Resp: 212052

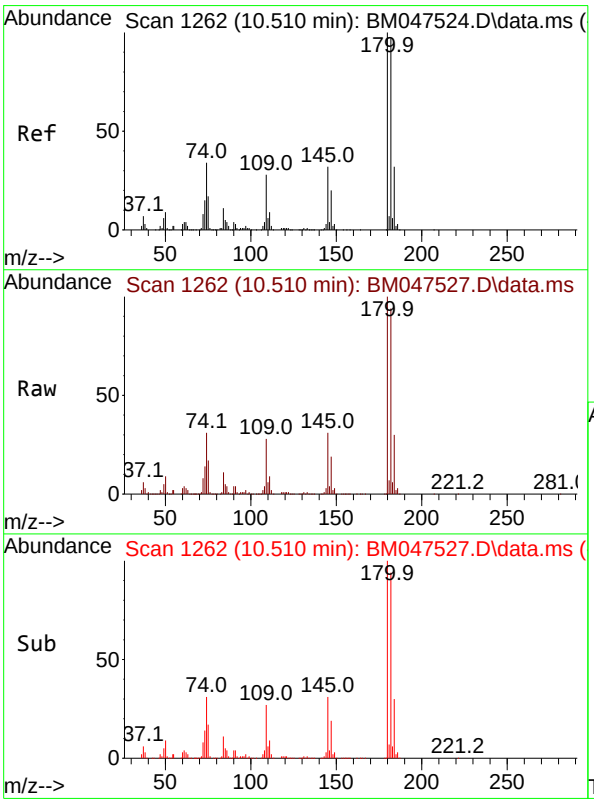
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	37.5	17.6	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

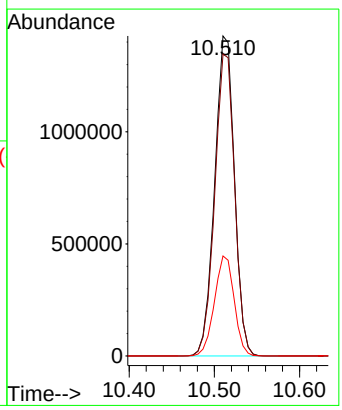


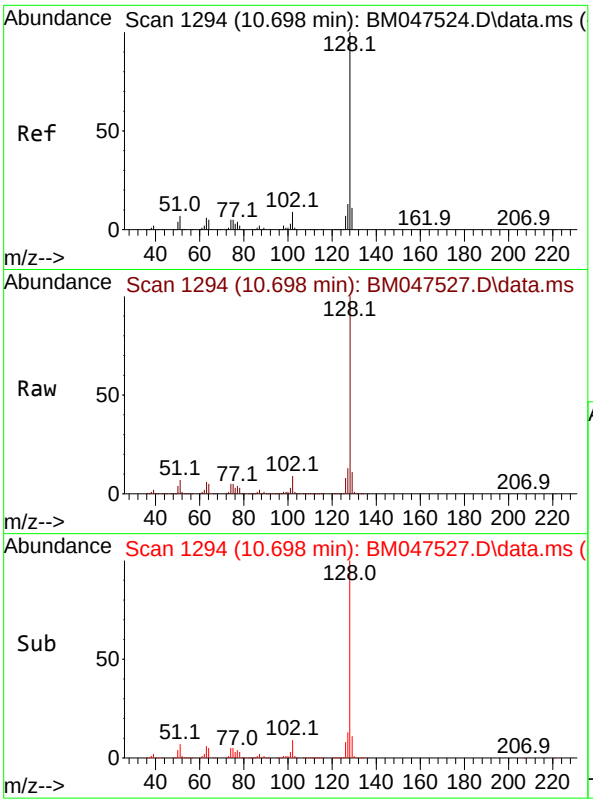


#30
1,2,4-Trichlorobenzene
Concen: 82.914 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:180 Resp: 2299410

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.6	116.4
145	31.2	25.4	38.0

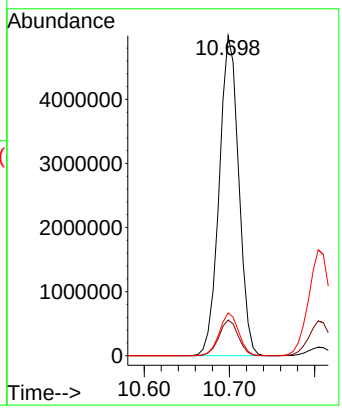




#31
Naphthalene
Concen: 81.739 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:128 Resp: 793155

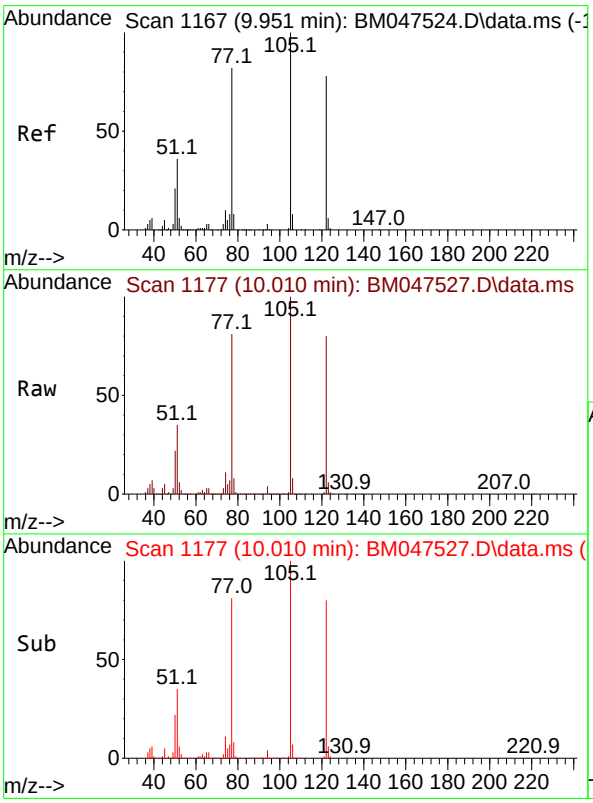
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

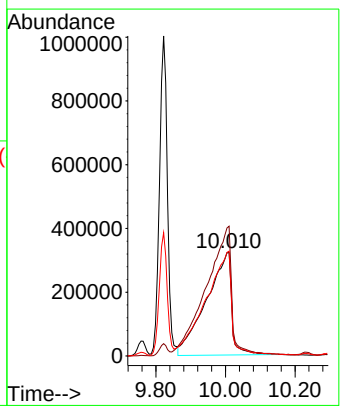
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

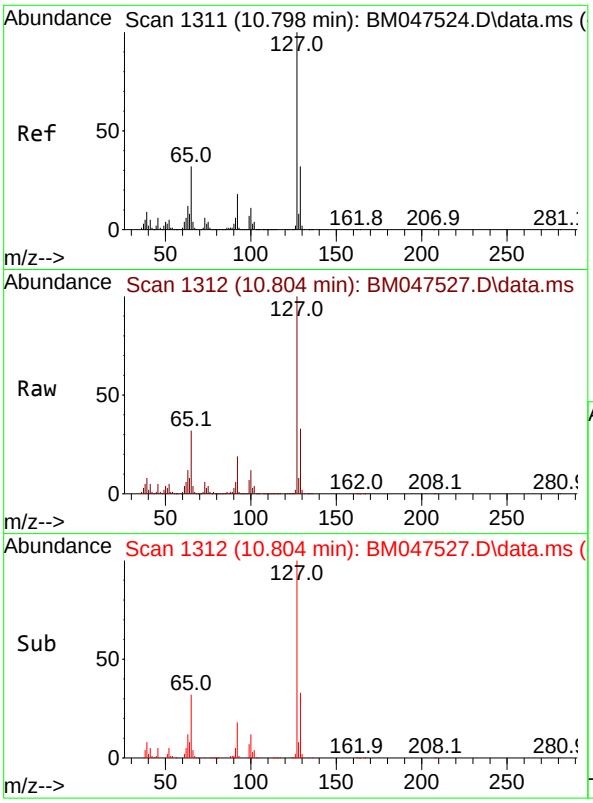


#32
Benzoic acid
Concen: 81.568 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.059 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:122 Resp: 1633674

Ion	Ratio	Lower	Upper
122	100		
105	125.6	104.7	144.7
77	101.5	83.4	123.4

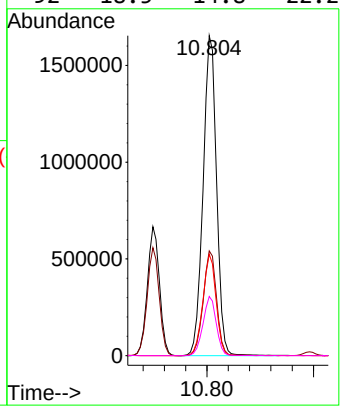




#33
4-Chloroaniline
Concen: 82.527 ng
RT: 10.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:127 Resp: 289533

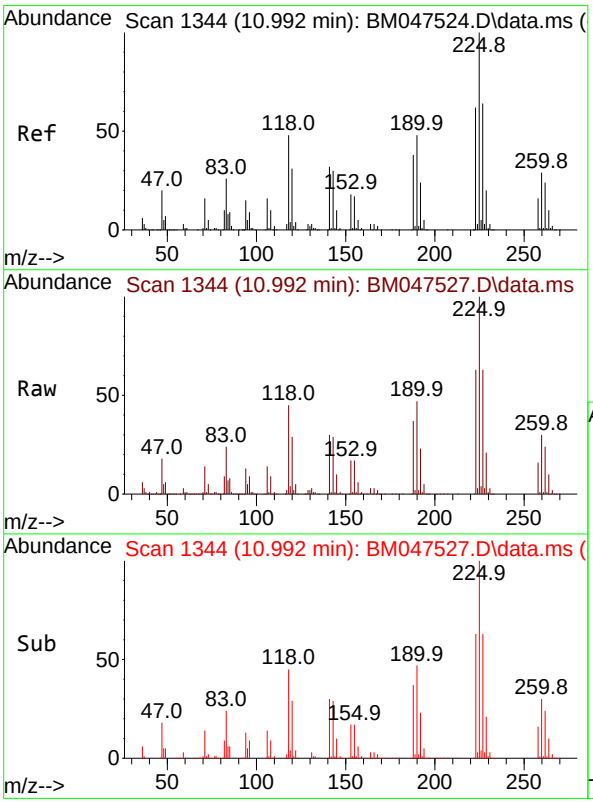
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	31.7	25.5	38.3
92	18.5	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

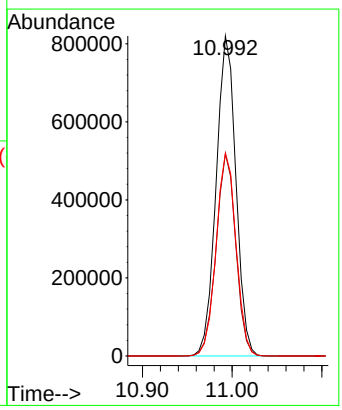
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

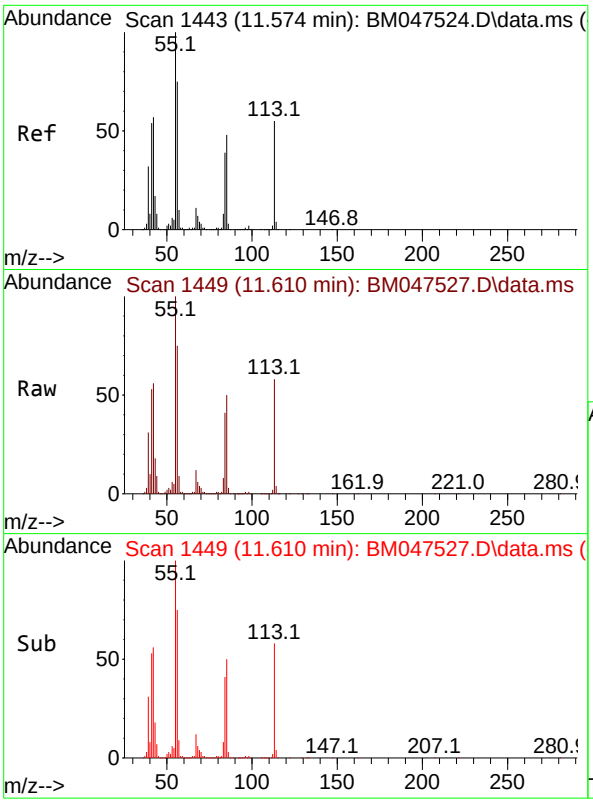


#34
Hexachlorobutadiene
Concen: 81.599 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:225 Resp: 1253407

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.4	51.0	76.4

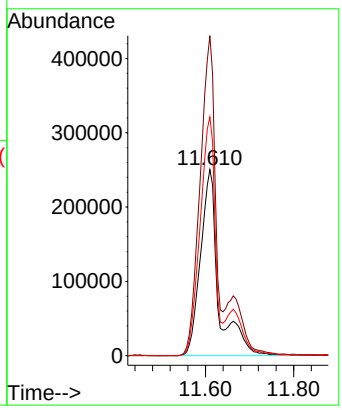




#35
Caprolactam
Concen: 89.483 ng m
RT: 11.610 min Scan# 14
Delta R.T. 0.036 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:113 Resp: 71361

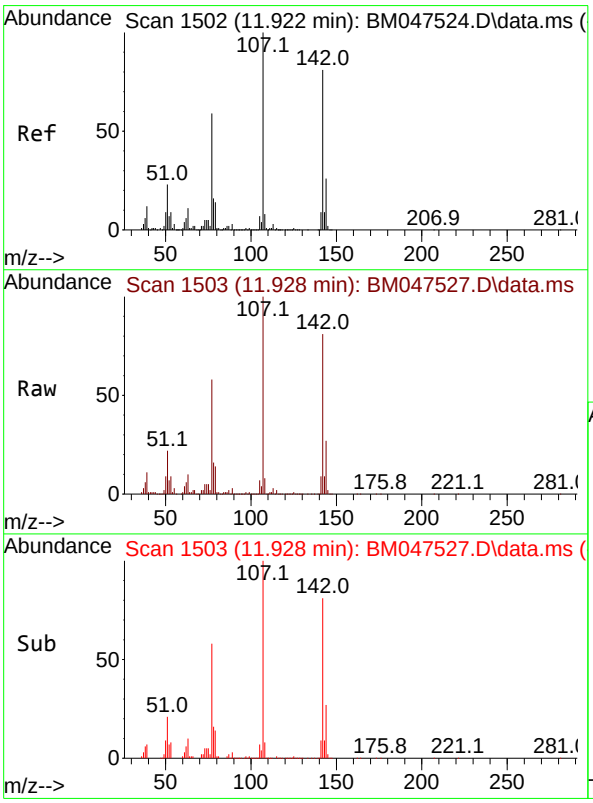
Ion	Ratio	Lower	Upper
113	100		
55	172.0	162.5	202.5
56	128.4	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

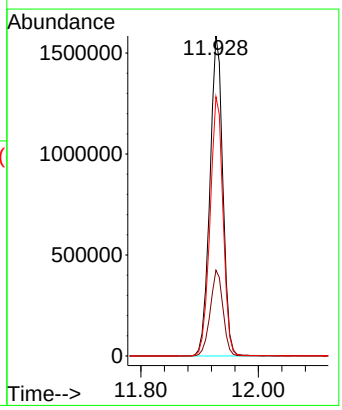
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

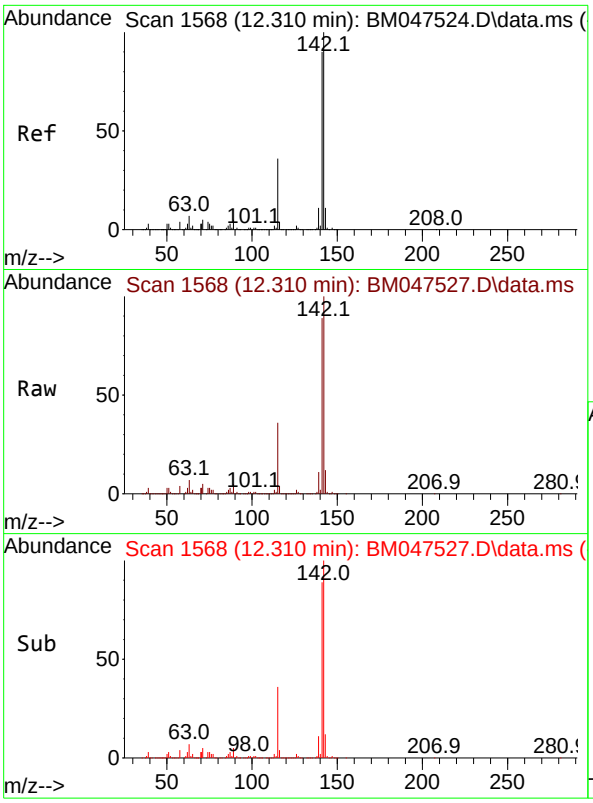


#36
4-Chloro-3-methylphenol
Concen: 87.301 ng
RT: 11.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:107 Resp: 2422201

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	81.0	65.0	97.4

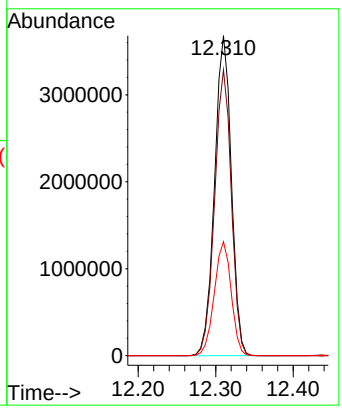




#37
2-Methylnaphthalene
Concen: 85.681 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:142 Resp: 553461

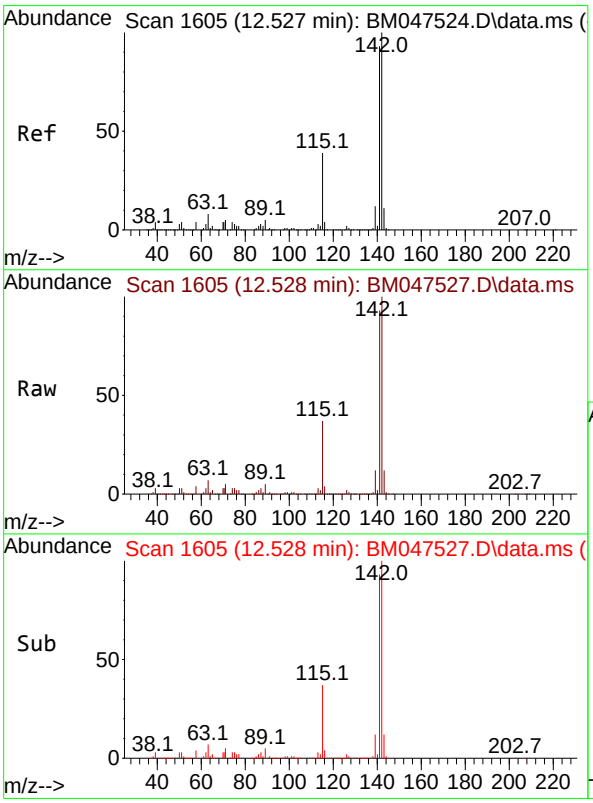
Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.4
115	35.6	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

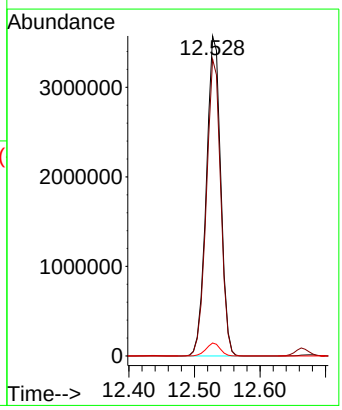
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

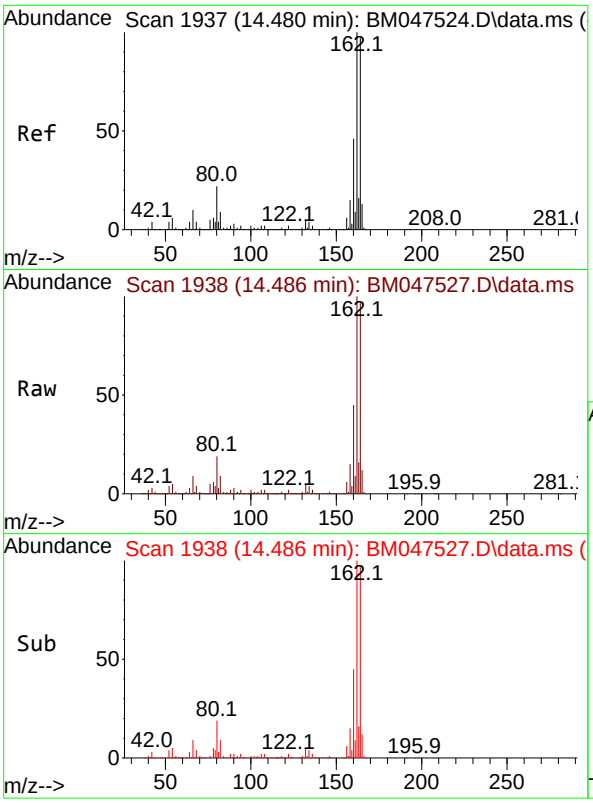


#38
1-Methylnaphthalene
Concen: 85.045 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:142 Resp: 5458215

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.7	112.1
116	4.0	3.2	4.8

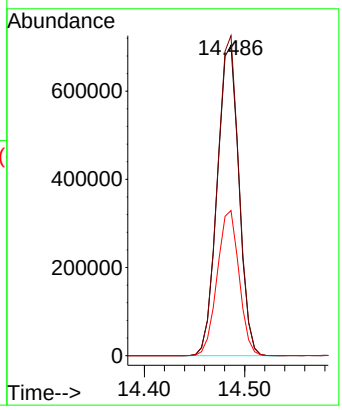




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:164 Resp: 105776

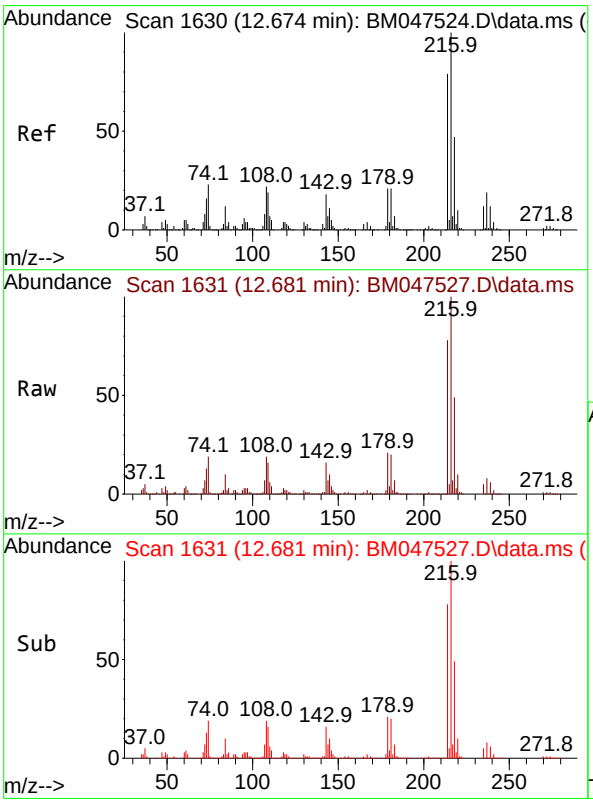
Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.2
160	46.8	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

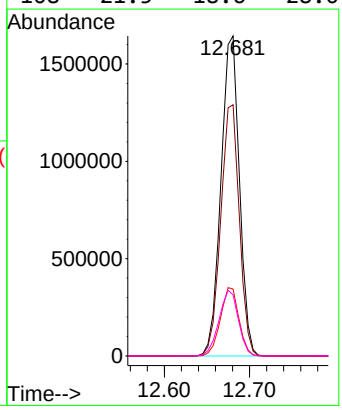
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

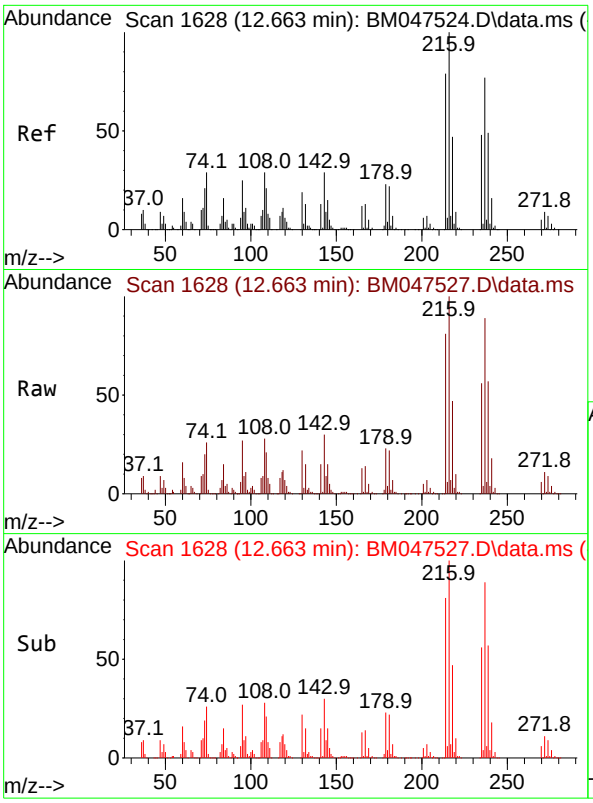


#40
1,2,4,5-Tetrachlorobenzene
Concen: 86.585 ng
RT: 12.681 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:216 Resp: 2478282

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	21.4	17.5	26.3
108	21.5	18.6	28.0

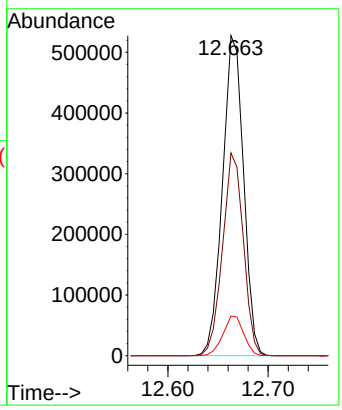




#41
Hexachlorocyclopentadiene
Concen: 82.067 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:237 Resp: 76789

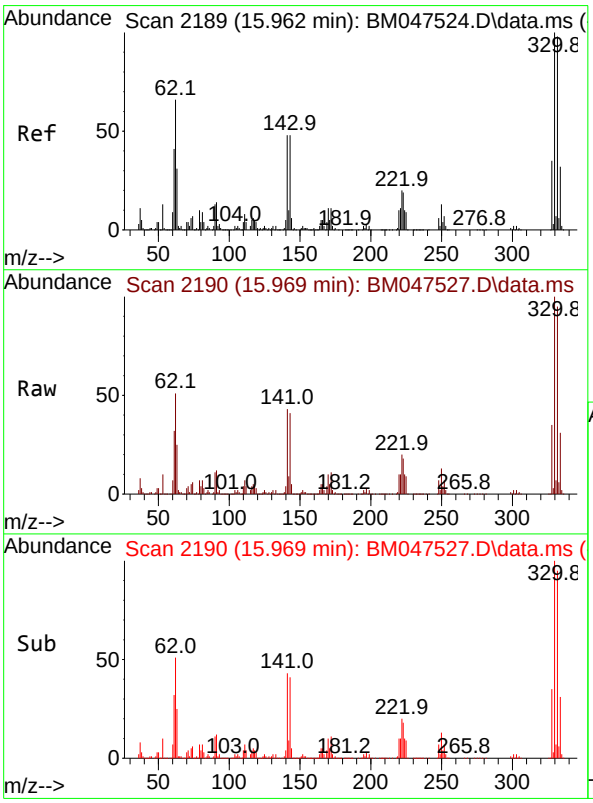
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.0	82.0
272	12.4	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

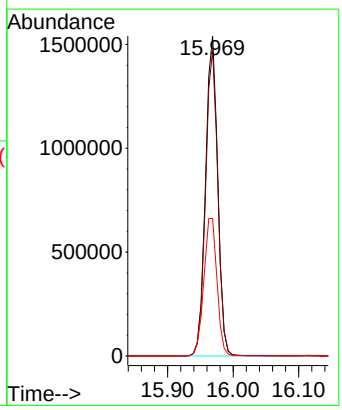
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

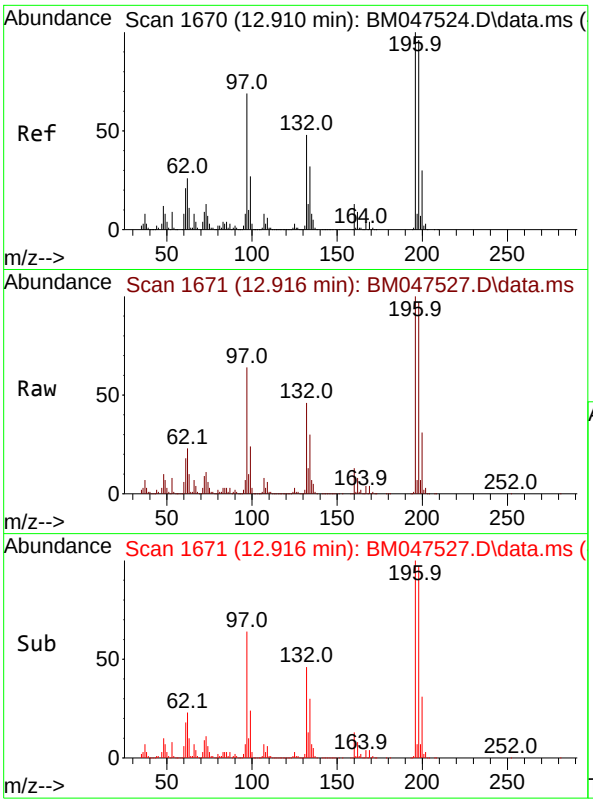


#42
2,4,6-Tribromophenol
Concen: 195.553 ng
RT: 15.969 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:330 Resp: 1999370

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	46.5	42.2	63.2

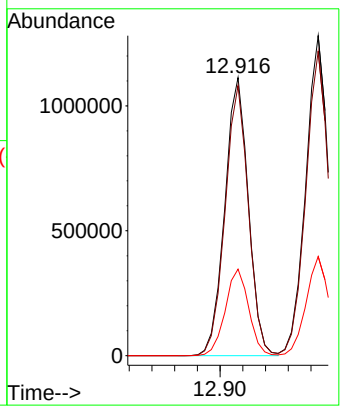




#43
2,4,6-Trichlorophenol
Concen: 89.682 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:196 Resp: 160815

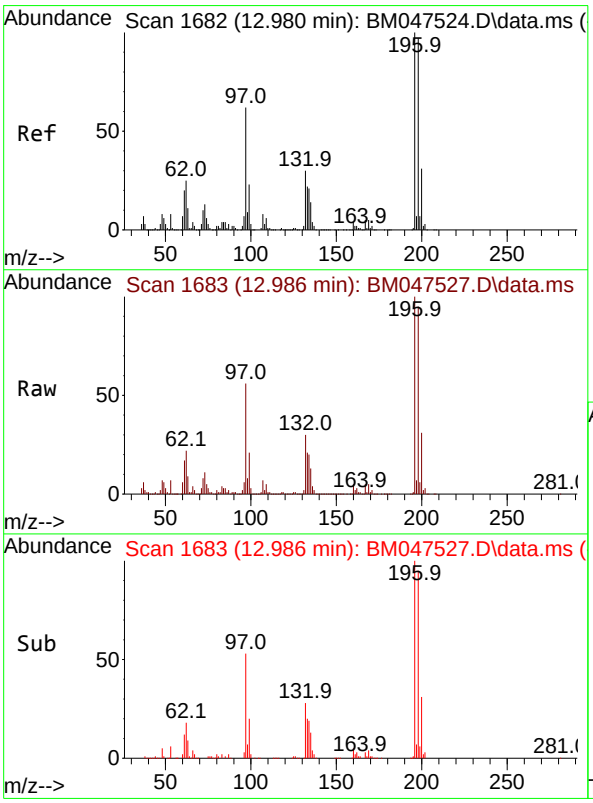
Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.9	115.3
200	31.1	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

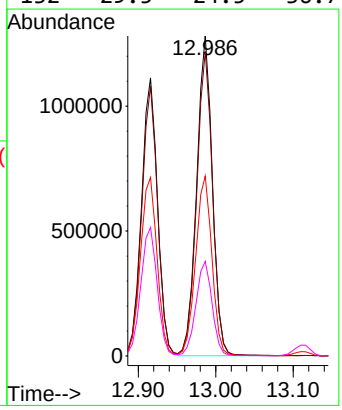
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

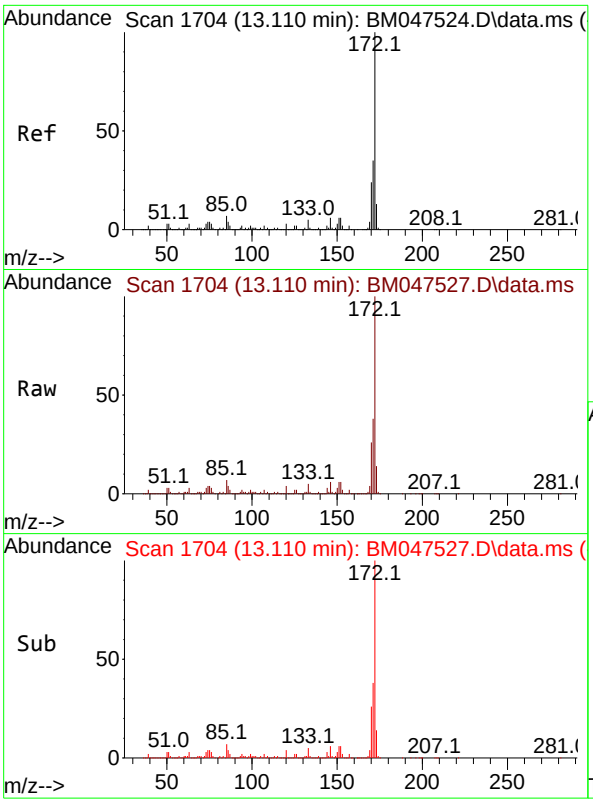


#44
2,4,5-Trichlorophenol
Concen: 89.254 ng
RT: 12.986 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:196 Resp: 1807737

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.4	116.2
97	56.2	49.8	74.8
132	29.5	24.5	36.7

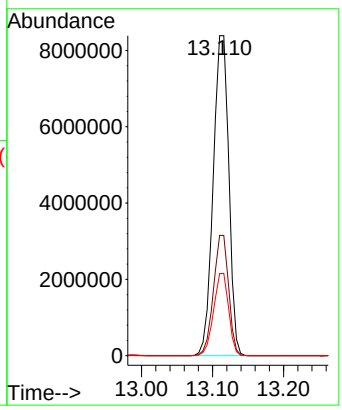




#45
2-Fluorobiphenyl
Concen: 166.014 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:172 Resp:1274774

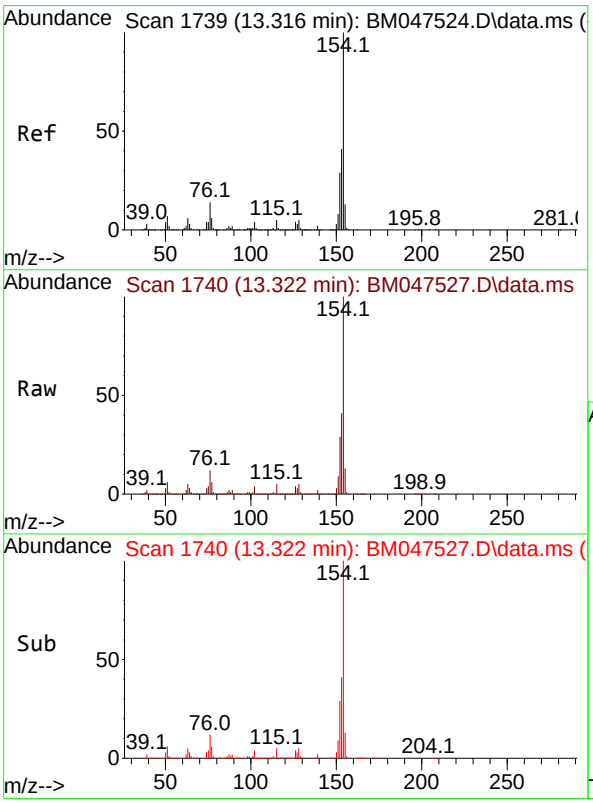
Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.2	42.2
170	25.7	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

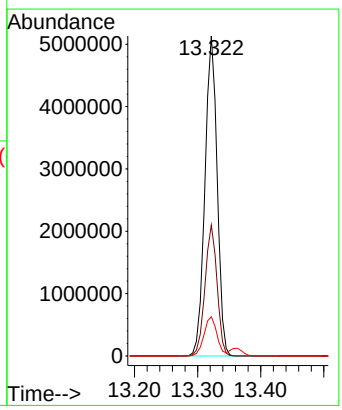
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

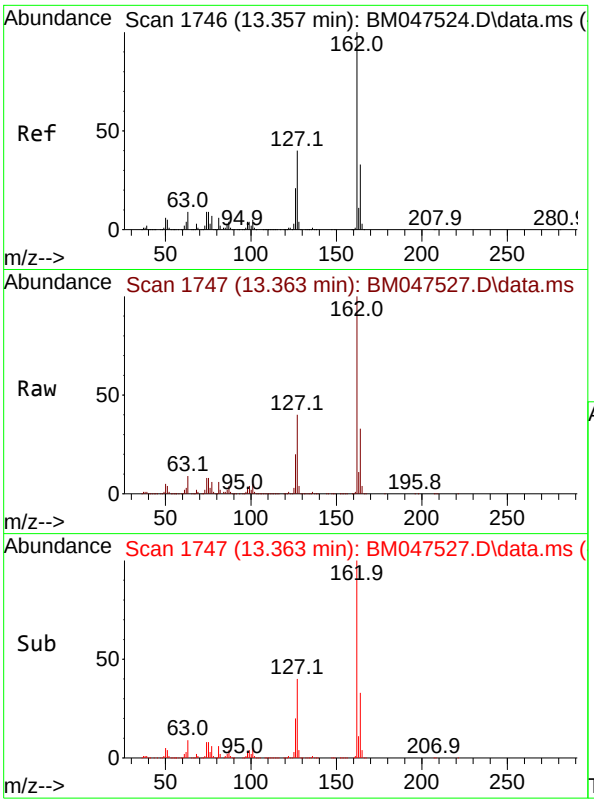


#46
1,1'-Biphenyl
Concen: 83.841 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:154 Resp: 6900085

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	12.3	0.0	33.9

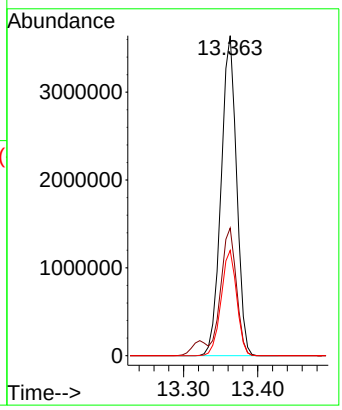




#47
2-Chloronaphthalene
Concen: 82.926 ng
RT: 13.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:162 Resp: 529932

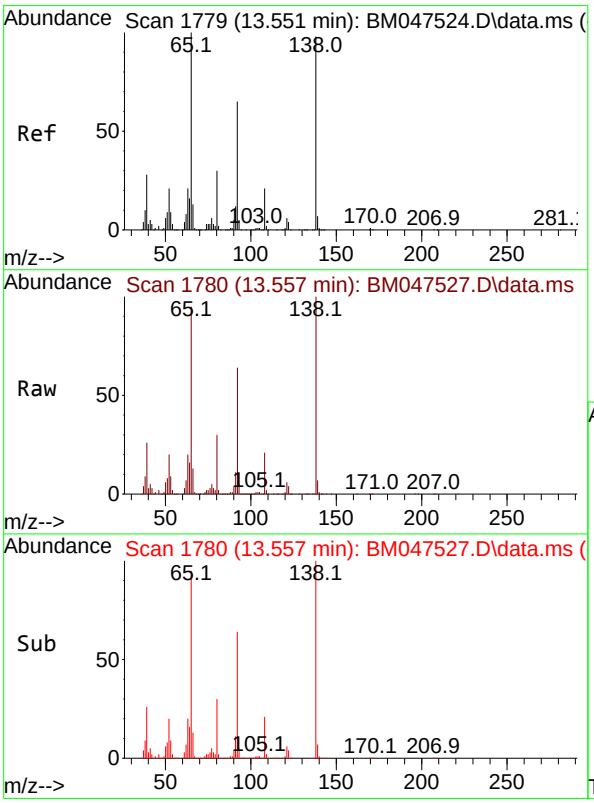
Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.2	48.4
164	32.9	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

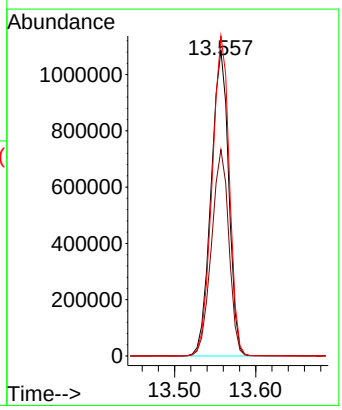
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

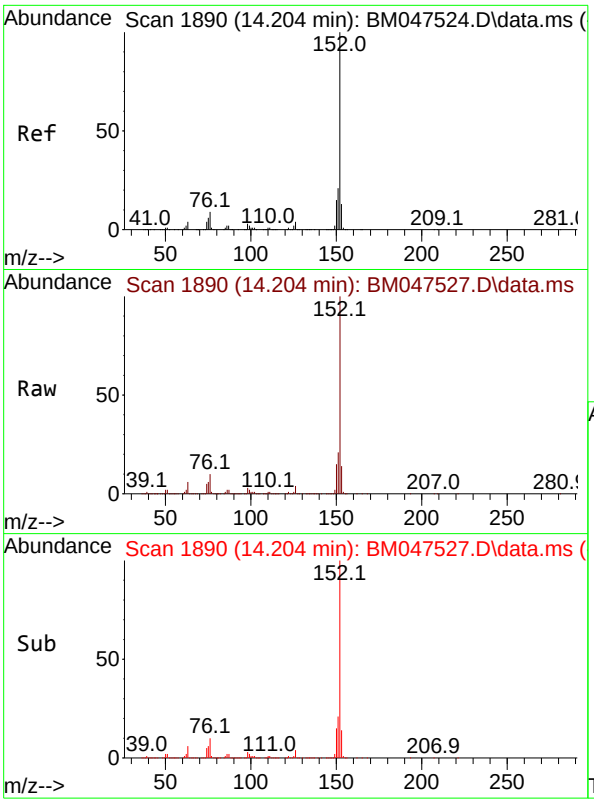


#48
2-Nitroaniline
Concen: 87.177 ng
RT: 13.557 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 65 Resp: 1636291

Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.9	77.9
138	104.7	78.5	117.7

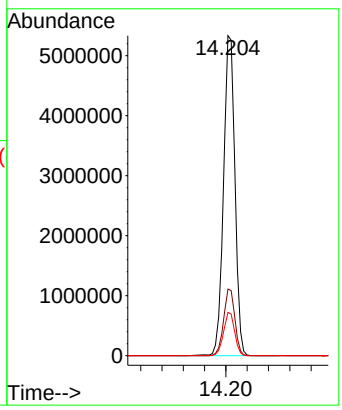




#49
Acenaphthylene
Concen: 85.694 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:152 Resp: 790252

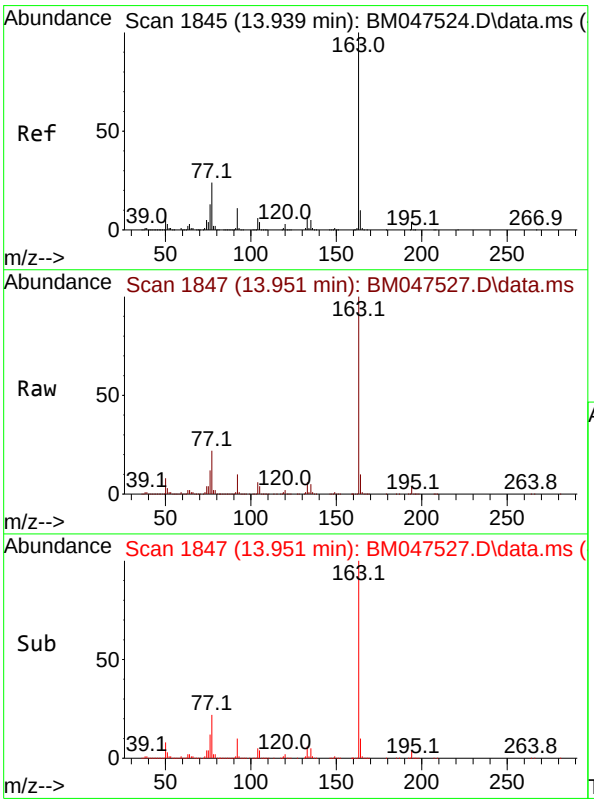
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	13.5	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

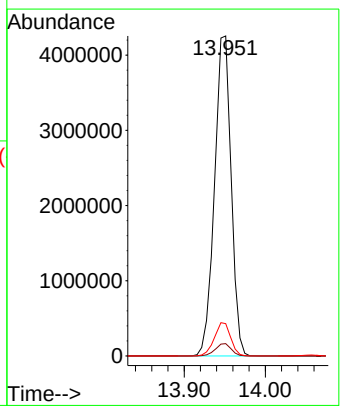
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

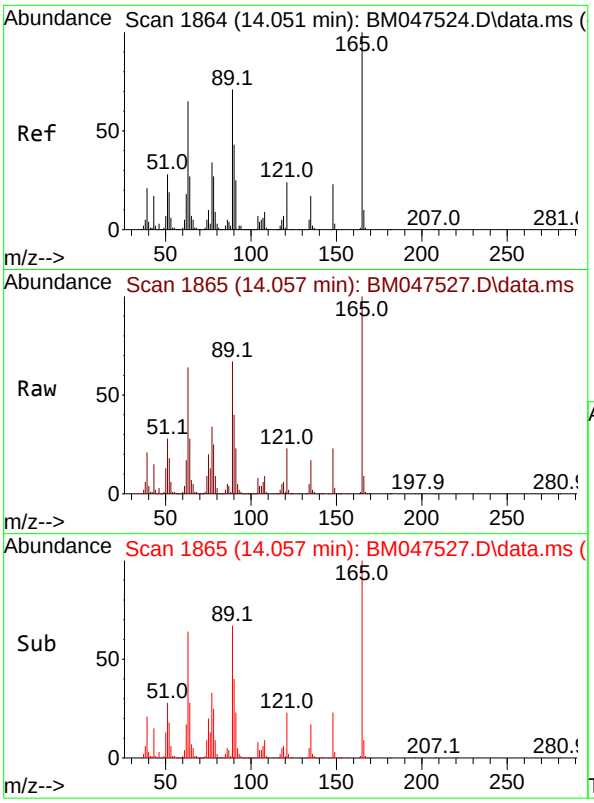


#50
Dimethylphthalate
Concen: 83.970 ng
RT: 13.951 min Scan# 1847
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:163 Resp: 6053832

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.1	7.9	11.9

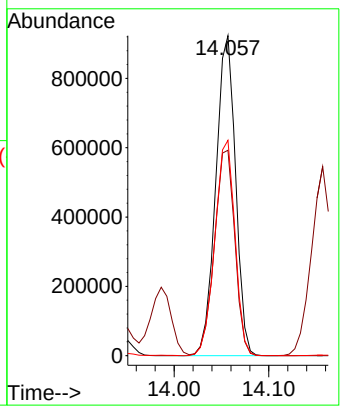




#51
2,6-Dinitrotoluene
Concen: 88.032 ng
RT: 14.057 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:165 Resp: 133980

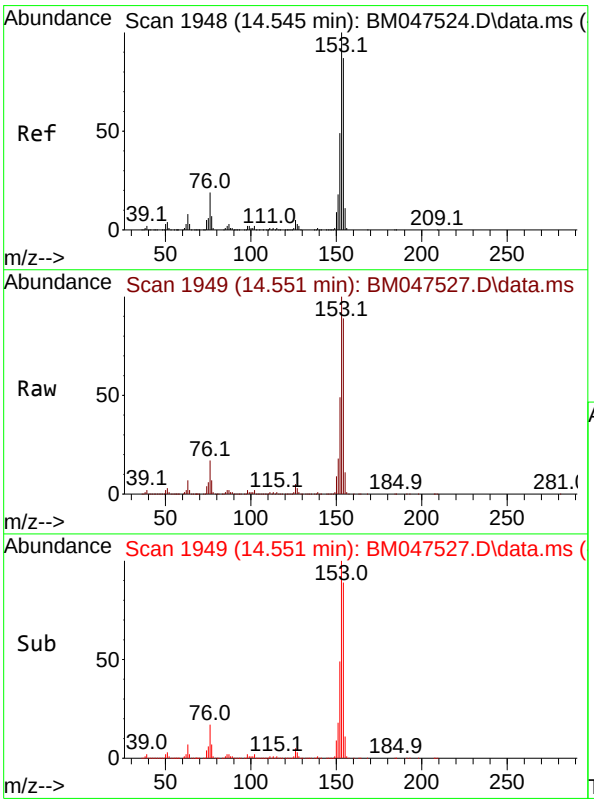
Ion	Ratio	Lower	Upper
165	100		
63	64.2	54.2	81.2
89	67.3	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

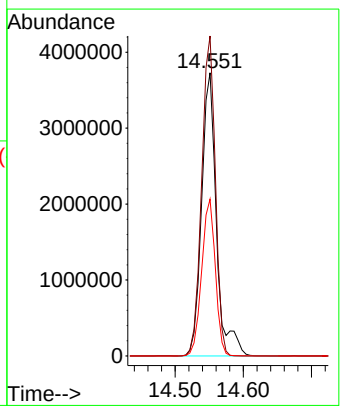
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

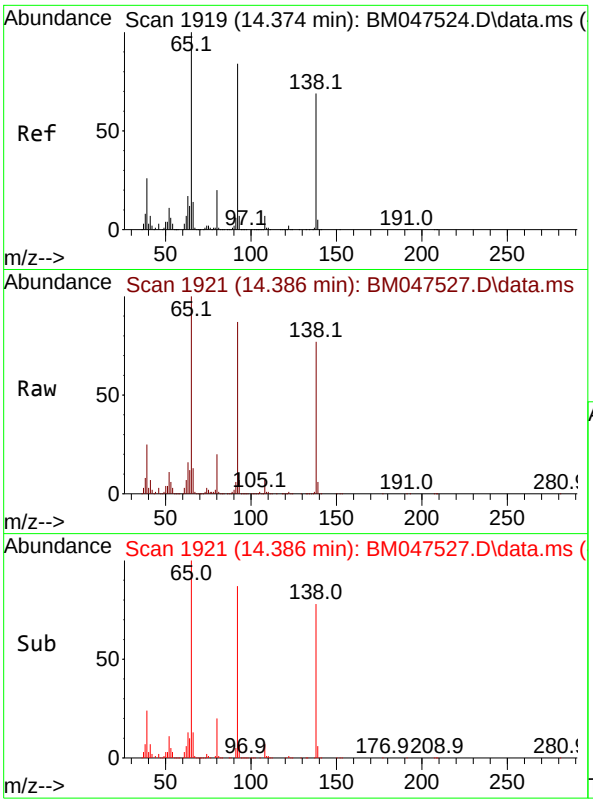


#52
Acenaphthene
Concen: 87.391 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:154 Resp: 5646673

Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.2	138.2
152	55.4	45.4	68.0

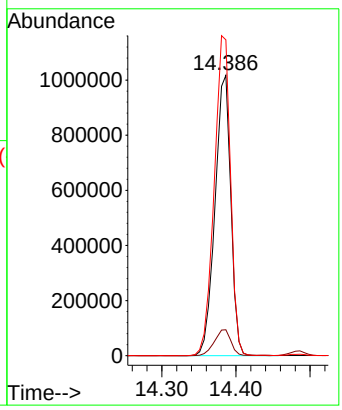




#53
3-Nitroaniline
Concen: 89.143 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:138 Resp: 150799

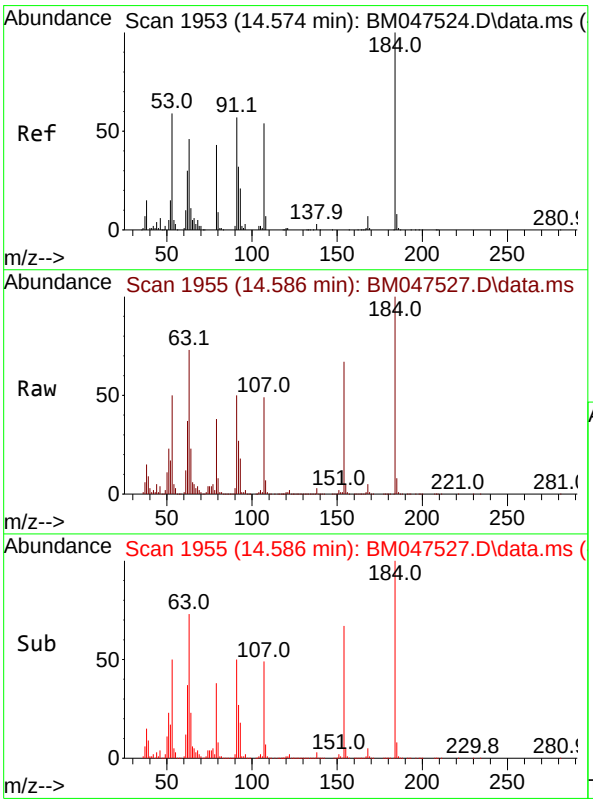
Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.0	12.0
92	112.7	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

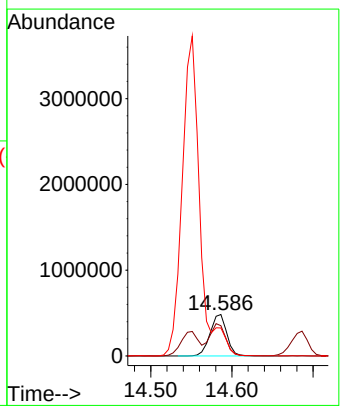
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

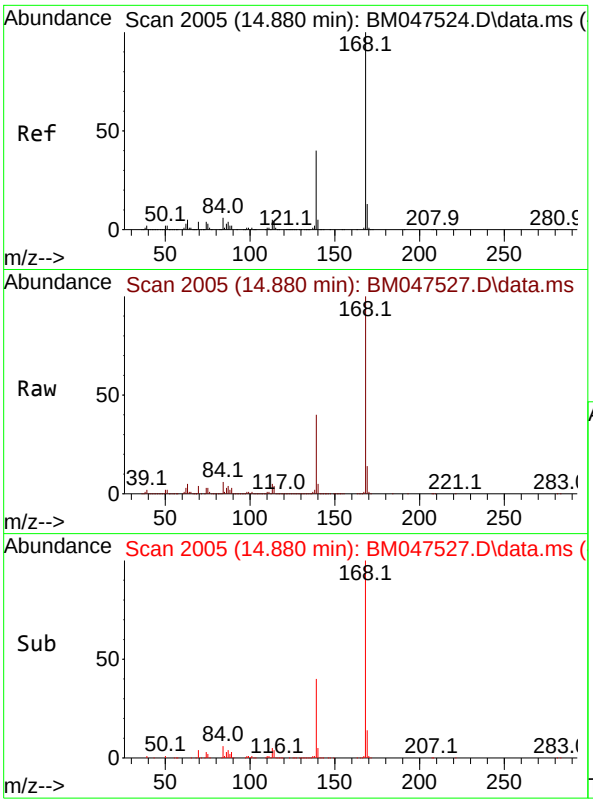


#54
2,4-Dinitrophenol
Concen: 80.155 ng
RT: 14.586 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:184 Resp: 687253

Ion	Ratio	Lower	Upper
184	100		
63	73.0	69.4	104.0
154	67.5	60.4	90.6

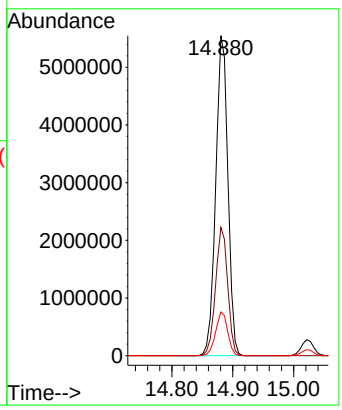




#55
Dibenzofuran
Concen: 84.345 ng
RT: 14.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:168 Resp: 765828

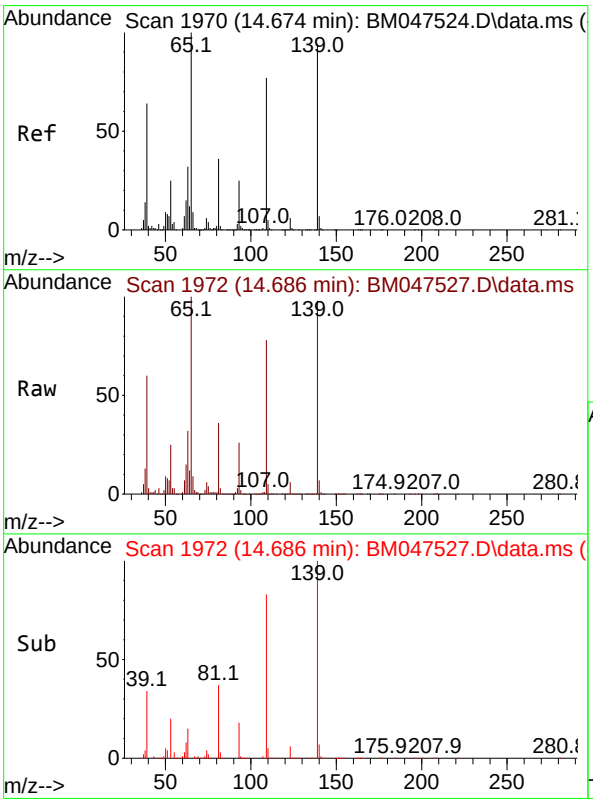
Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.9	47.9
169	13.7	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

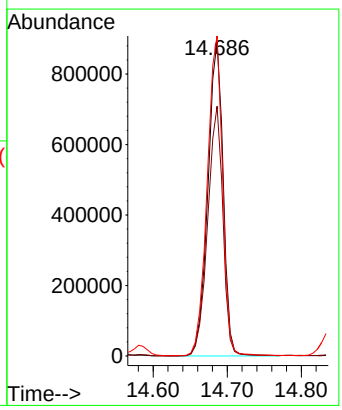
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

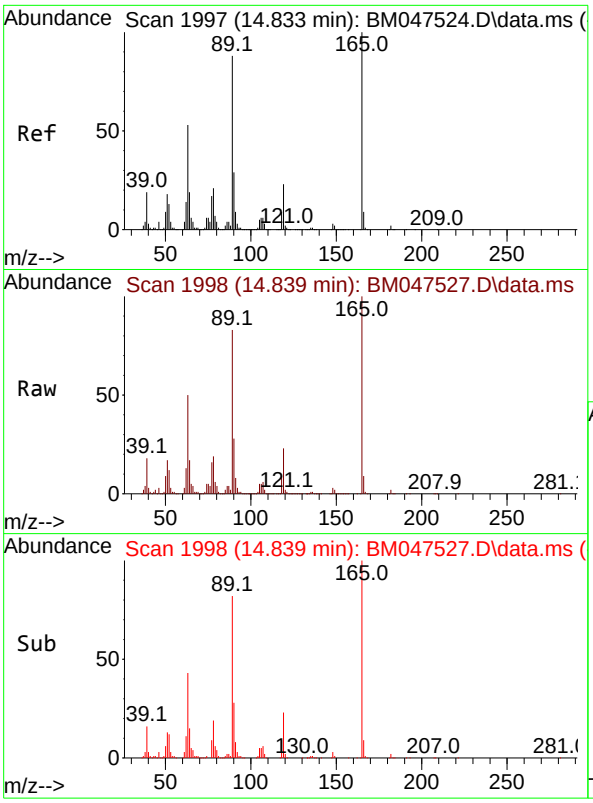


#56
4-Nitrophenol
Concen: 91.631 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:139 Resp: 1275528

Ion	Ratio	Lower	Upper
139	100		
109	79.3	62.0	102.0
65	101.6	87.0	127.0

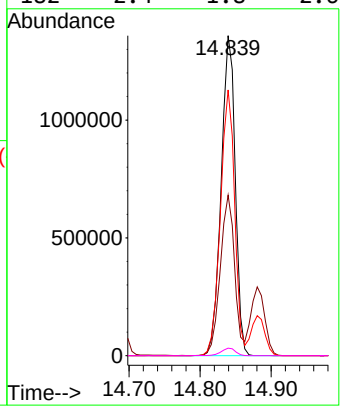




#57
2,4-Dinitrotoluene
Concen: 91.750 ng
RT: 14.839 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:165 Resp: 186234

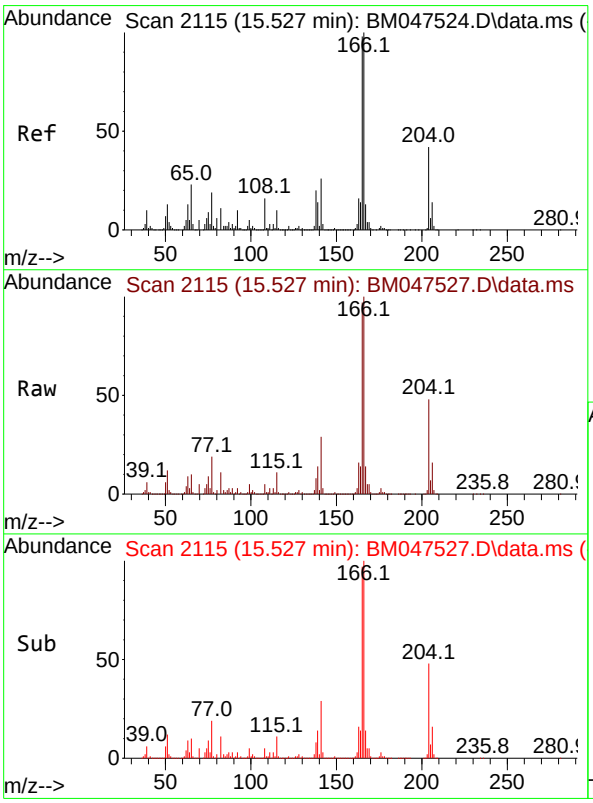
Ion	Ratio	Lower	Upper
165	100		
63	50.2	42.4	63.6
89	83.0	70.5	105.7
182	2.4	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

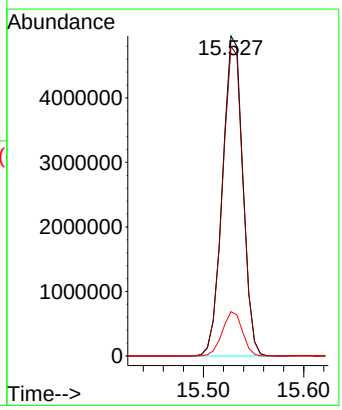
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

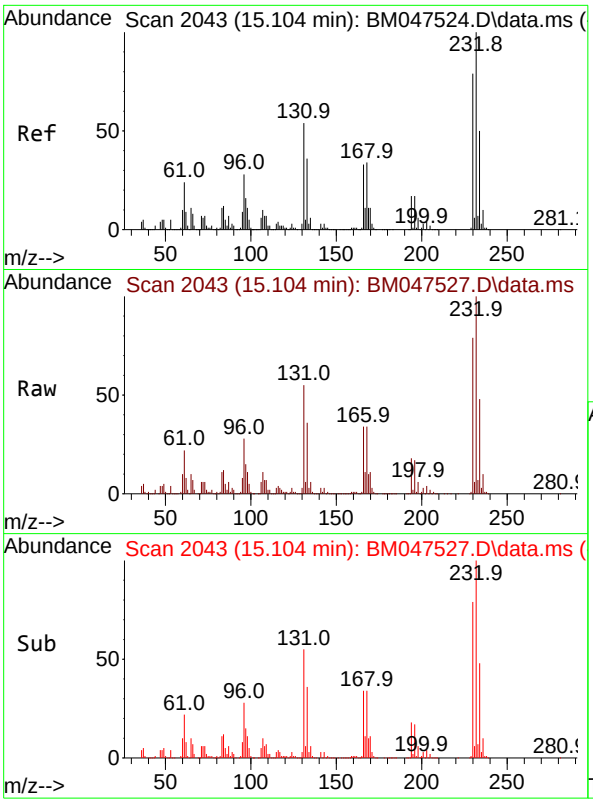


#58
Fluorene
Concen: 85.121 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:166 Resp: 6958364

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	13.8	10.7	16.1

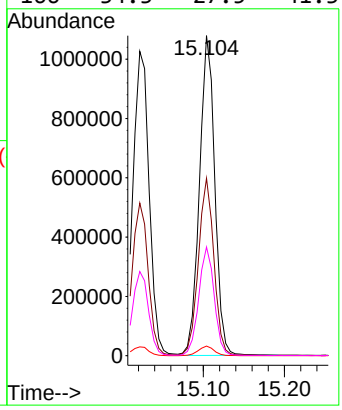




#59
2,3,4,6-Tetrachlorophenol
Concen: 89.803 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:232 Resp: 141810

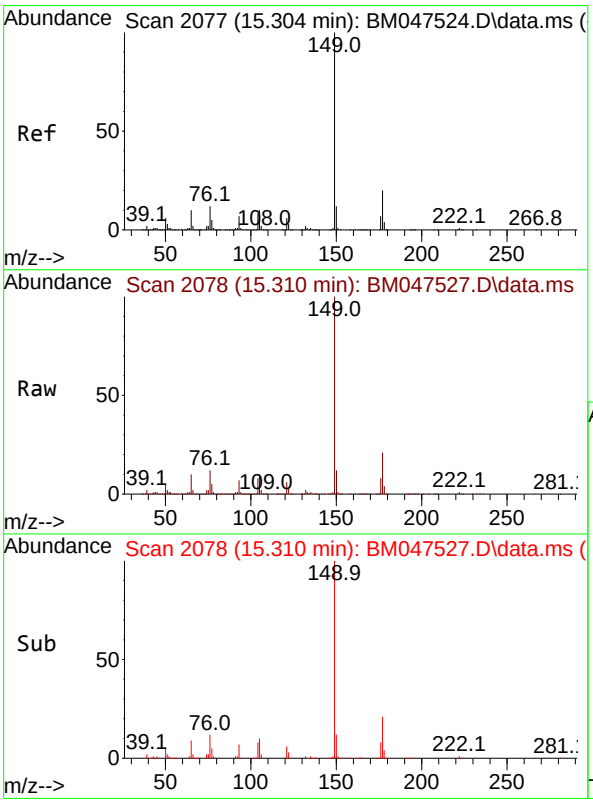
Ion	Ratio	Lower	Upper
232	100		
131	56.0	47.0	70.4
130	3.1	2.6	3.8
166	34.3	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

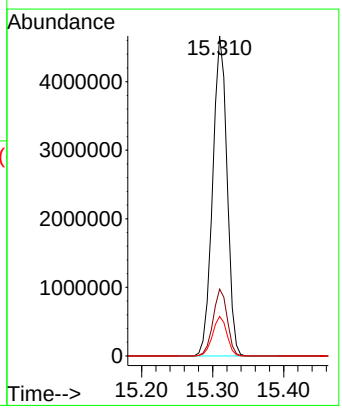
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

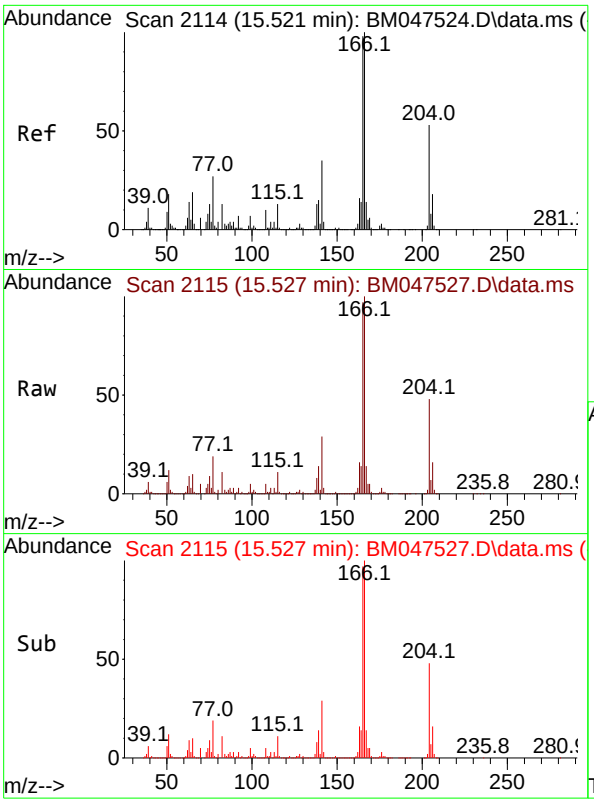


#60
Diethylphthalate
Concen: 85.346 ng
RT: 15.310 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:149 Resp: 6548466

Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.8	23.8
150	12.4	9.7	14.5

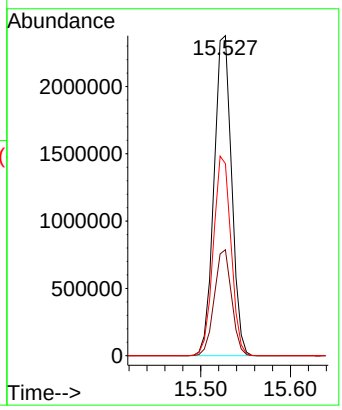




#61
4-Chlorophenyl-phenylether
Concen: 86.689 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:204 Resp: 324023

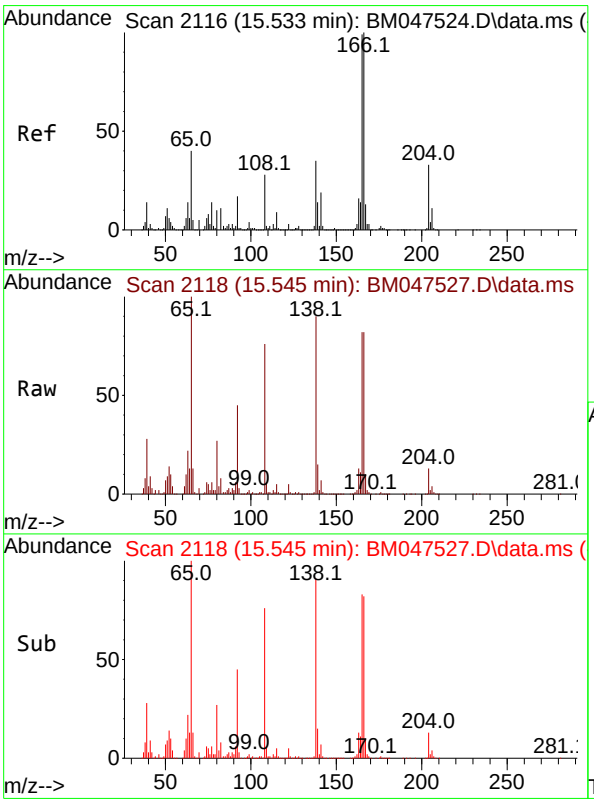
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	60.0	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

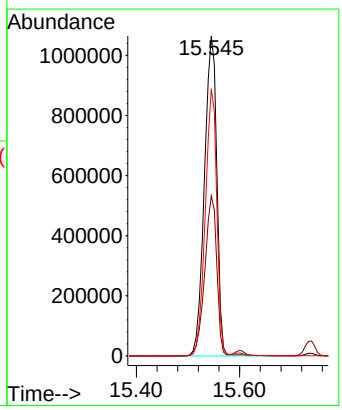
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

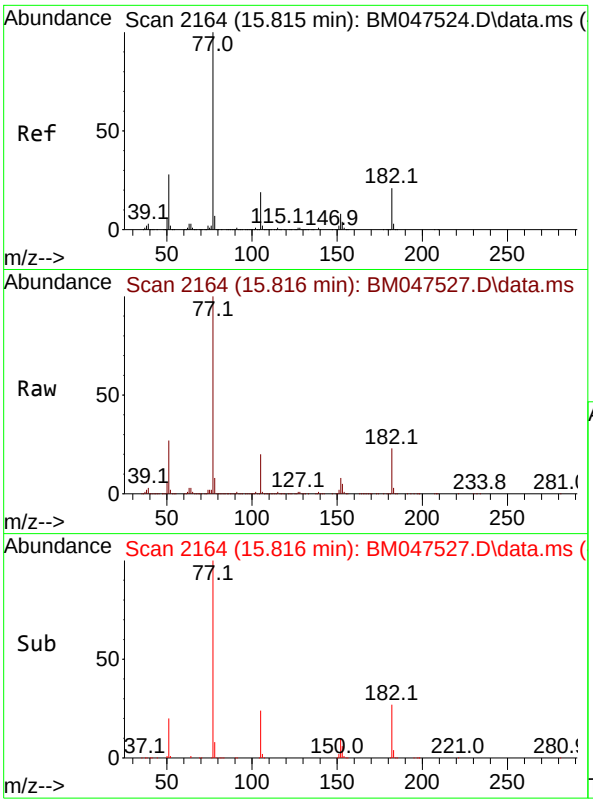


#62
4-Nitroaniline
Concen: 89.247 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:138 Resp: 1774673

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.0	70.0
108	83.5	61.7	101.7

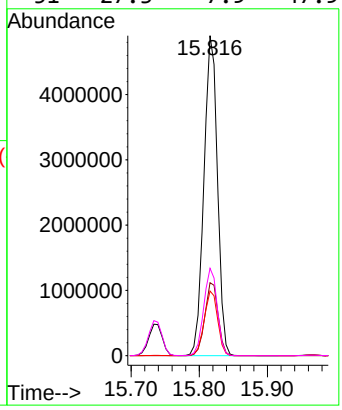




#63
Azobenzene
Concen: 79.939 ng
RT: 15.816 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion: 77 Resp: 675376

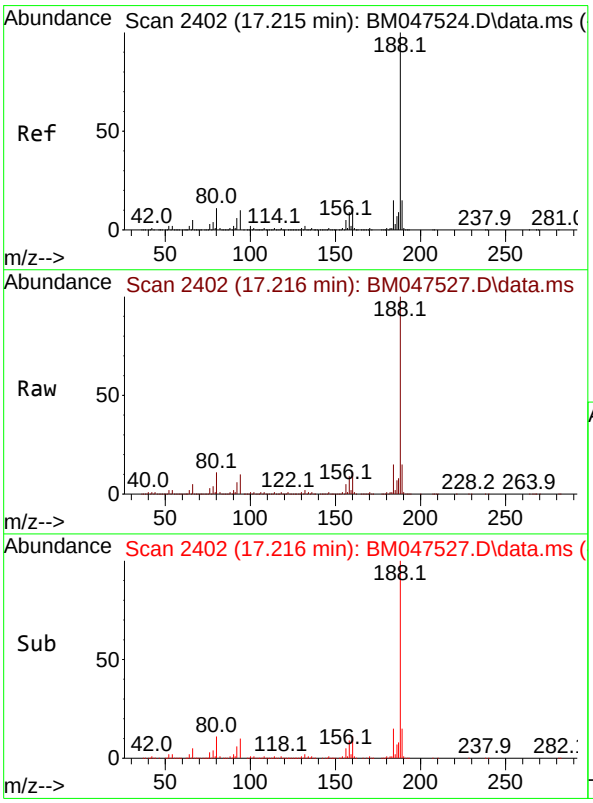
Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.2	41.2
105	20.2	0.0	39.4
51	27.3	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

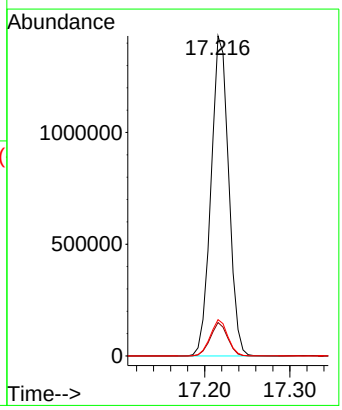
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

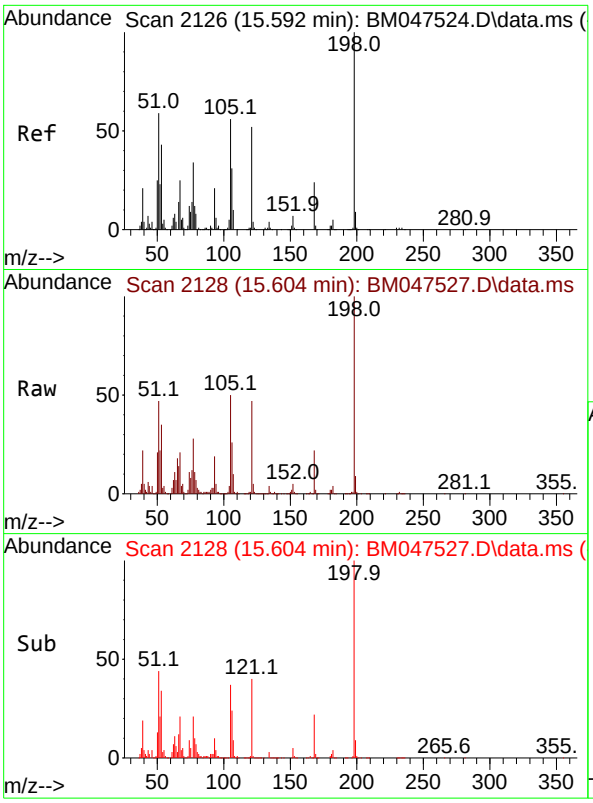


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:188 Resp: 2067717

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.3	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 82.293 ng
RT: 15.604 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

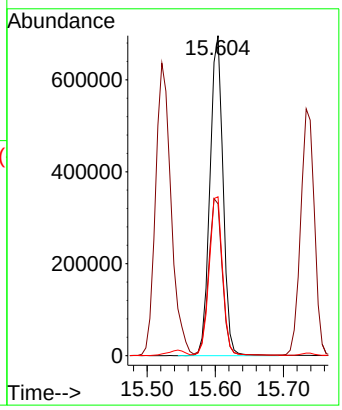
Tgt Ion:198 Resp: 93013

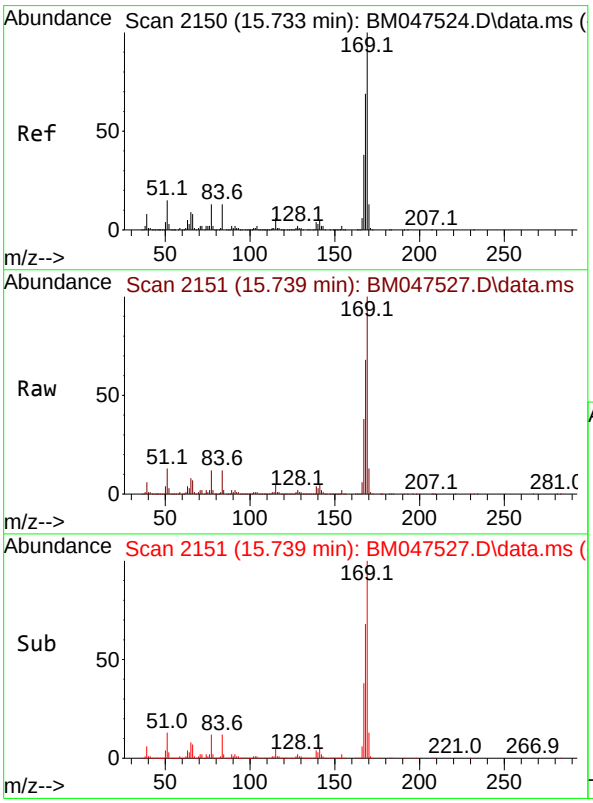
Ion	Ratio	Lower	Upper
198	100		
51	47.4	41.5	81.5
105	49.7	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

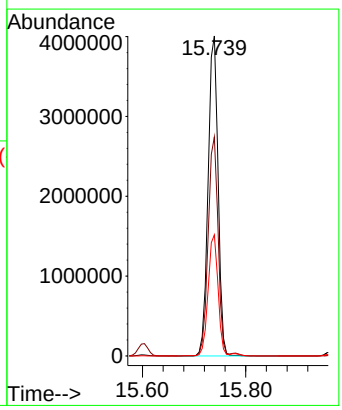


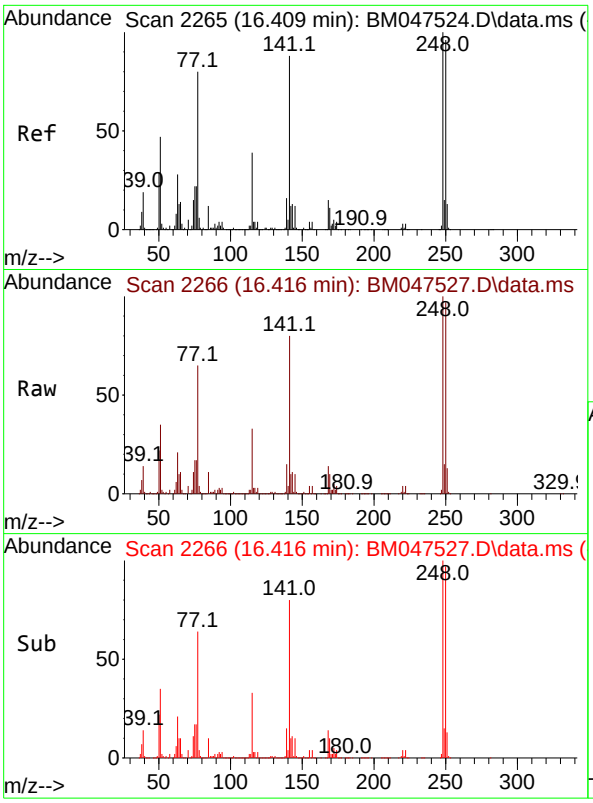


#66
n-Nitrosodiphenylamine
Concen: 84.468 ng
RT: 15.739 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:169 Resp: 5343062

Ion	Ratio	Lower	Upper
169	100		
168	68.4	55.3	82.9
167	37.9	30.5	45.7

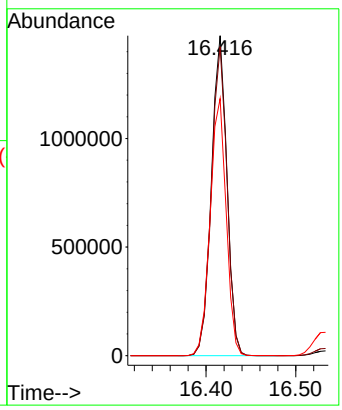




#67
4-Bromophenyl-phenylether
Concen: 88.401 ng
RT: 16.416 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:248 Resp: 177608

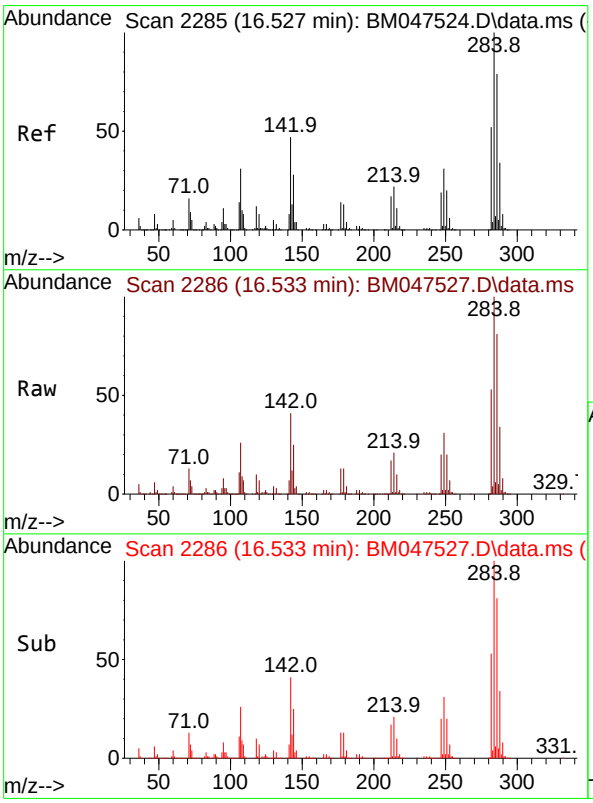
Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	80.4	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

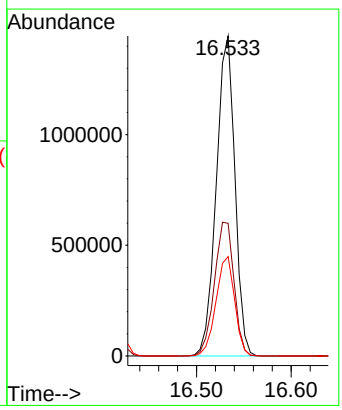
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

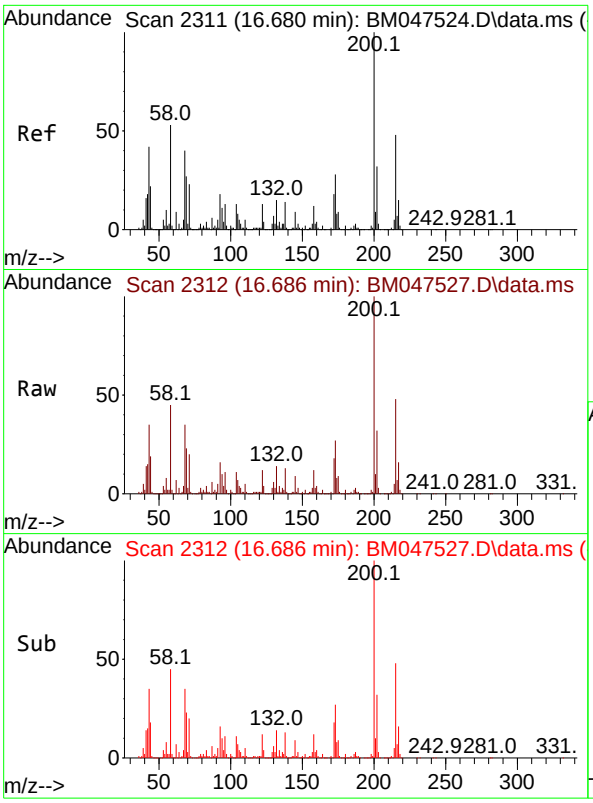


#68
Hexachlorobenzene
Concen: 86.722 ng
RT: 16.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:284 Resp: 1973858

Ion	Ratio	Lower	Upper
284	100		
142	41.5	37.3	55.9
249	31.1	24.5	36.7

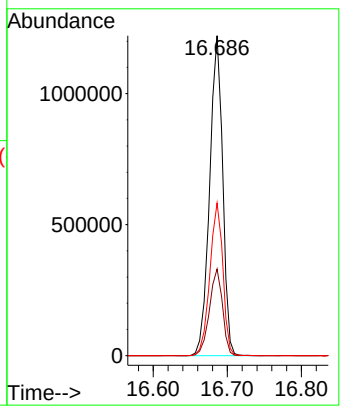




#69
Atrazine
Concen: 85.338 ng
RT: 16.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:200 Resp: 149199

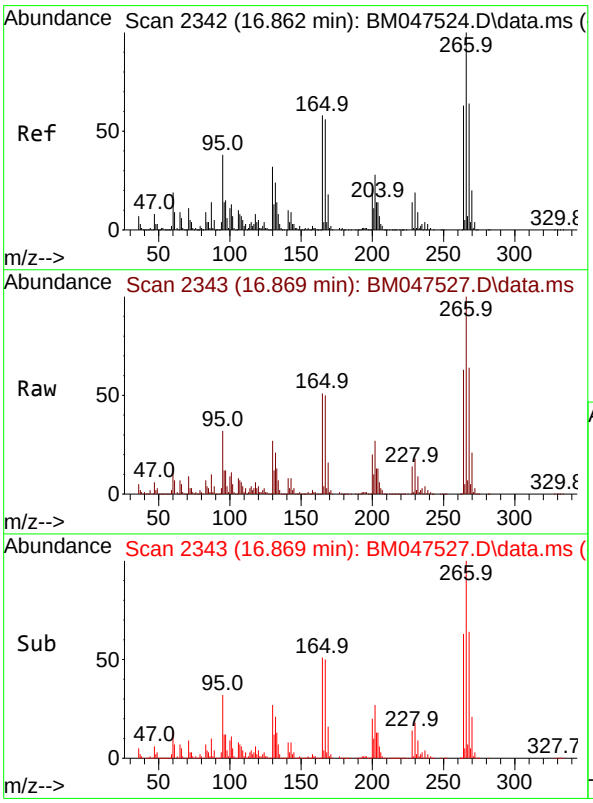
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.7	47.7
215	47.7	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

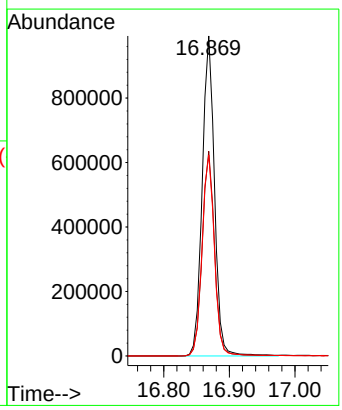
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

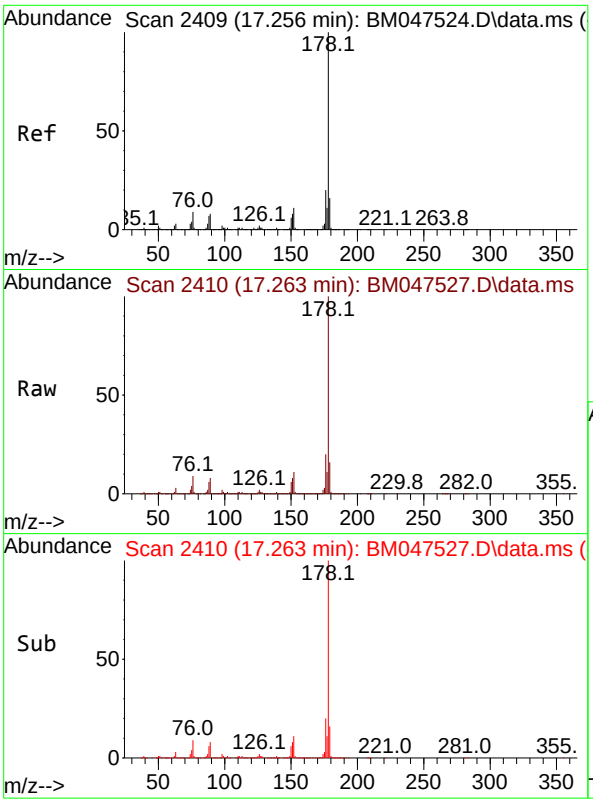


#70
Pentachlorophenol
Concen: 98.154 ng
RT: 16.869 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:266 Resp: 1295032

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.4
264	62.8	50.4	75.6

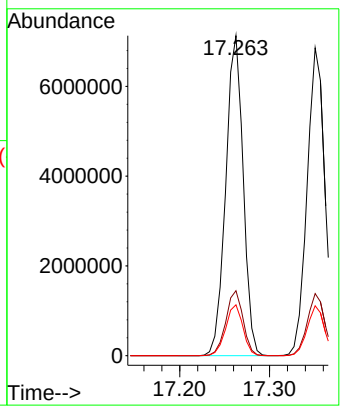




#71
Phenanthrene
Concen: 84.419 ng
RT: 17.263 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:178 Resp: 961966

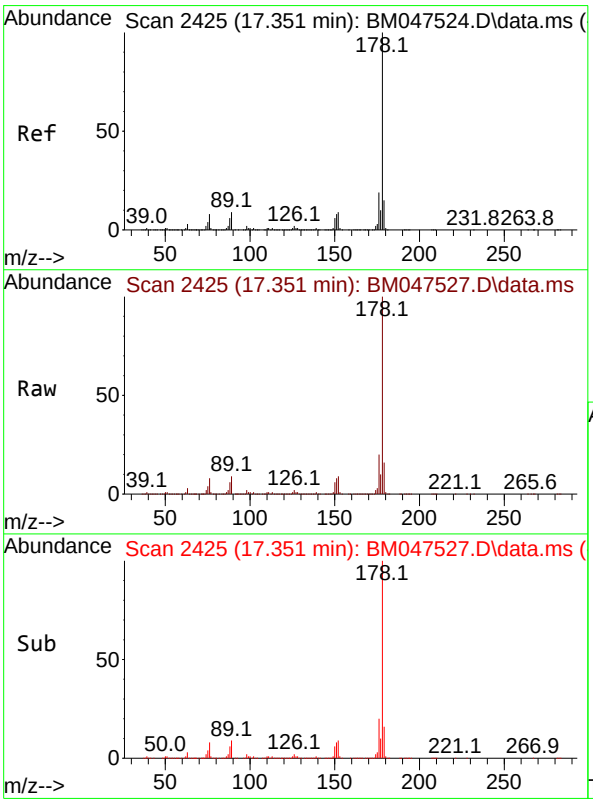
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.9	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

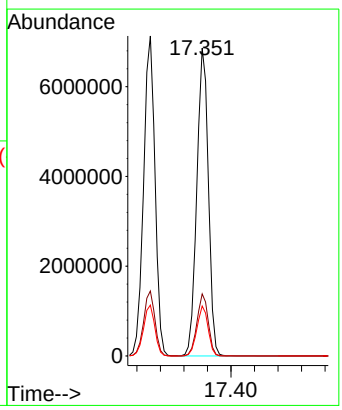
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

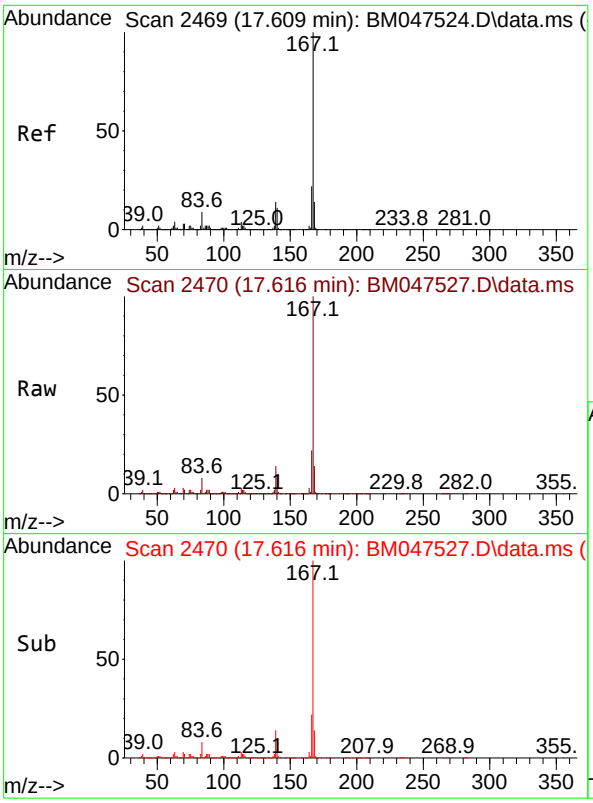


#72
Anthracene
Concen: 85.358 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:178 Resp: 9345063

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.2	12.3	18.5

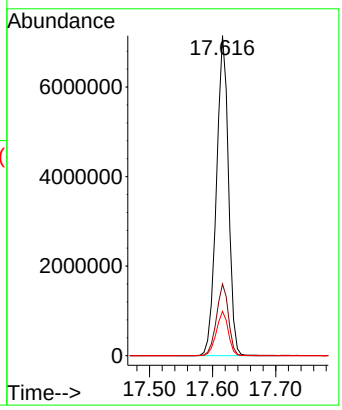




#73
Carbazole
Concen: 87.074 ng
RT: 17.616 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:167 Resp: 944726

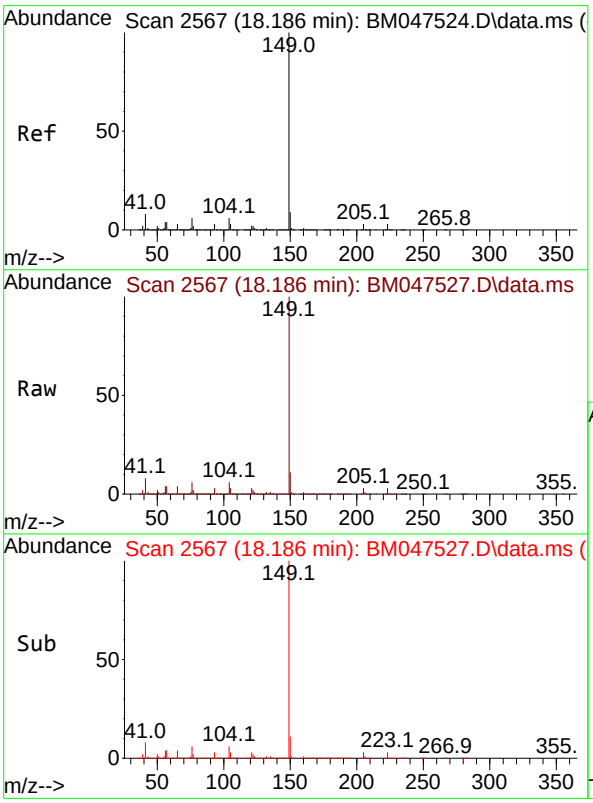
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.9	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

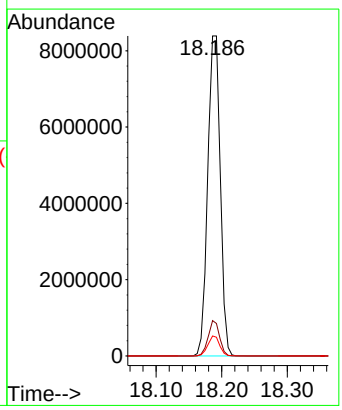
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

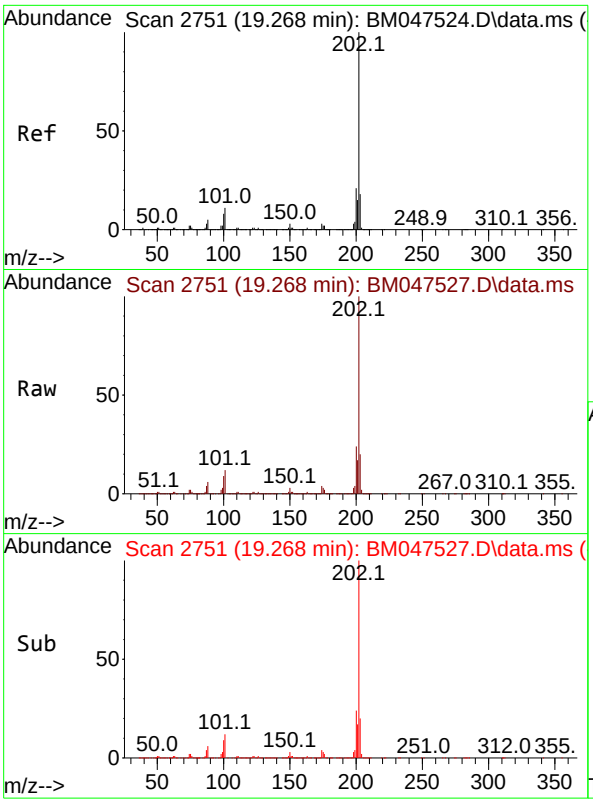


#74
Di-n-butylphthalate
Concen: 86.054 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:149 Resp:11171302

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.4	11.2
104	6.3	4.6	6.8

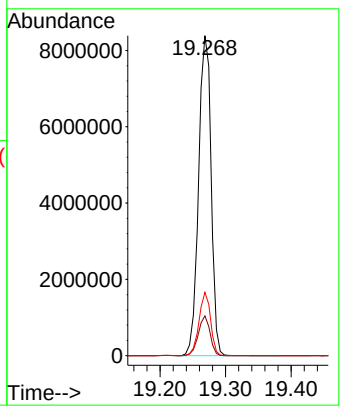




#75
Fluoranthene
Concen: 89.637 ng
RT: 19.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:202 Resp:1114444

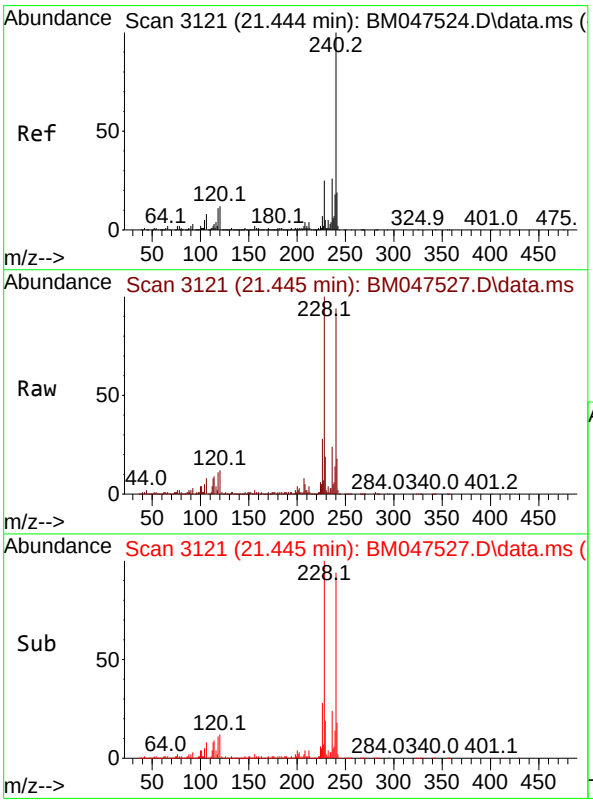
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.8
203	19.8	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

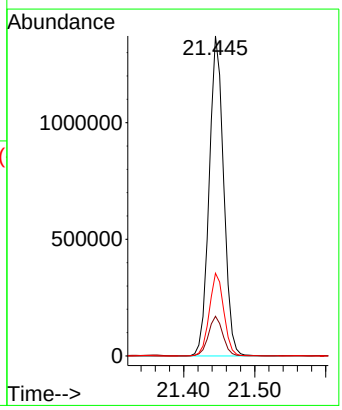
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

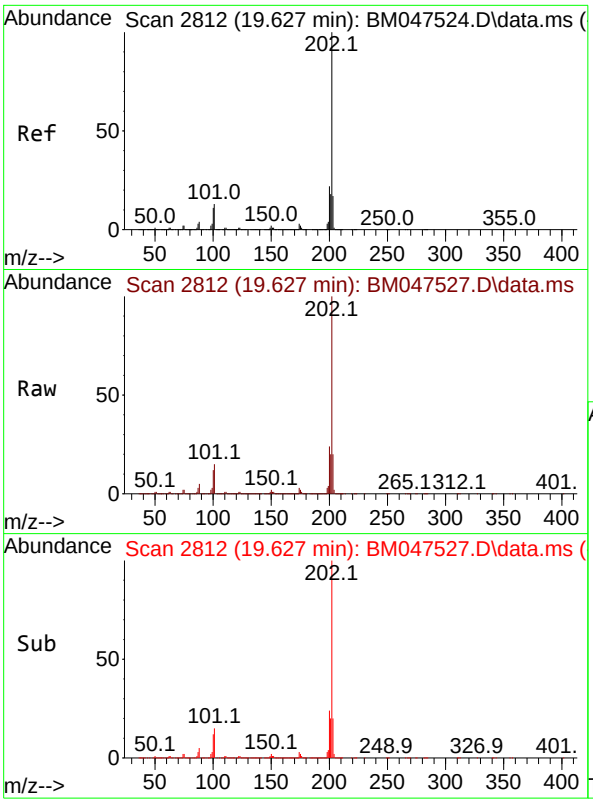


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:240 Resp: 1942846

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.6	14.4
236	25.9	20.9	31.3

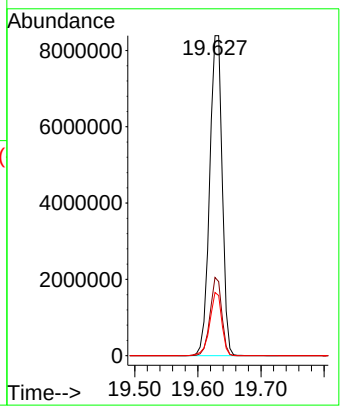




#78
Pyrene
Concen: 81.473 ng
RT: 19.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:202 Resp:1154601

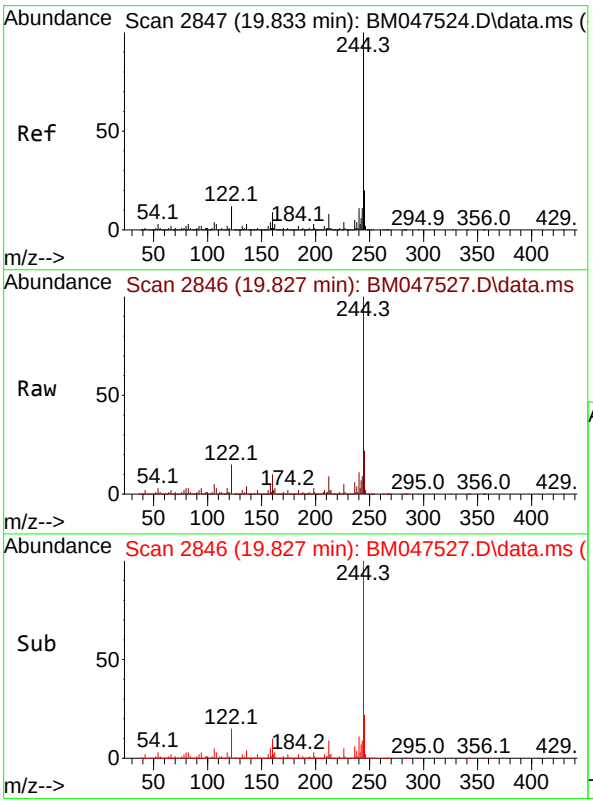
Ion	Ratio	Lower	Upper
202	100		
200	24.4	17.2	25.8
203	19.8	14.0	21.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

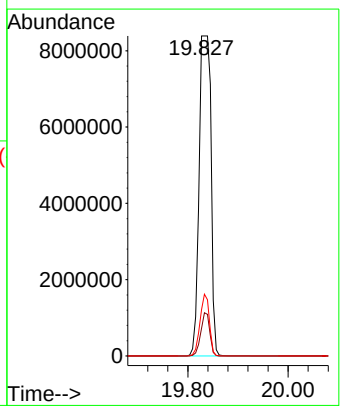
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

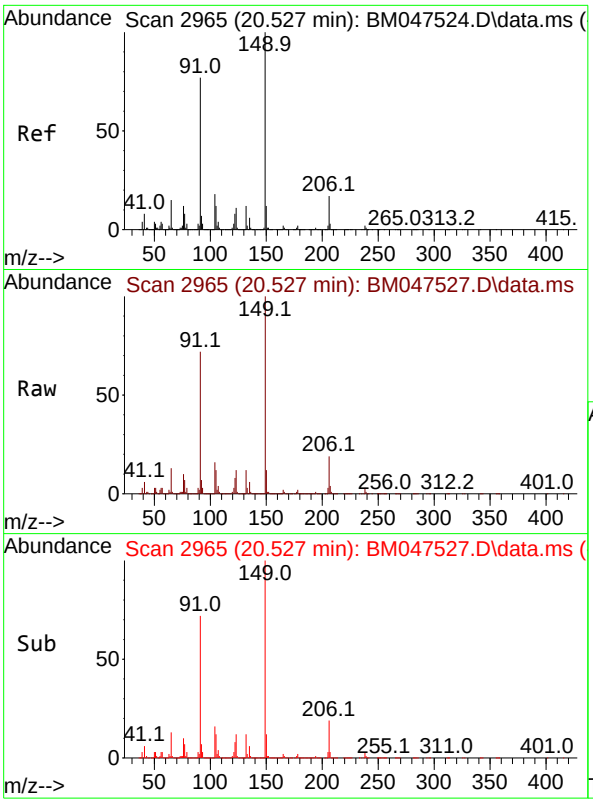


#79
Terphenyl-d14
Concen: 127.289 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:244 Resp:13800852

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.2	9.2
122	14.5	9.6	14.4#

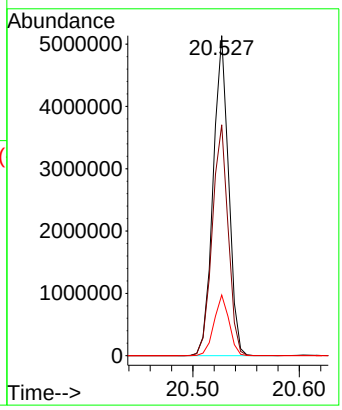




#80
Butylbenzylphthalate
Concen: 94.758 ng
RT: 20.527 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:149 Resp: 516943

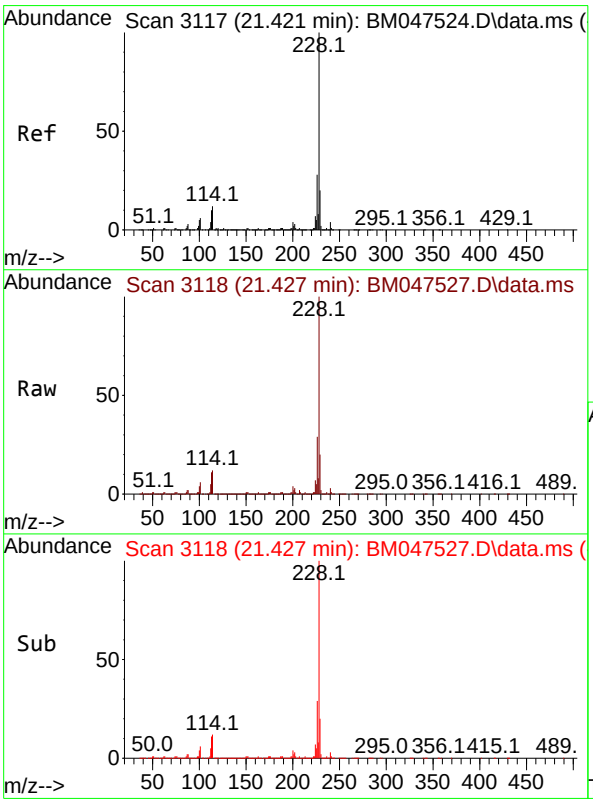
Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	19.0	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

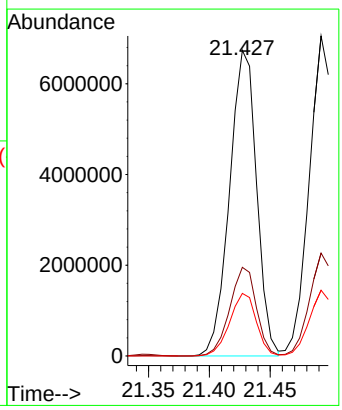
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

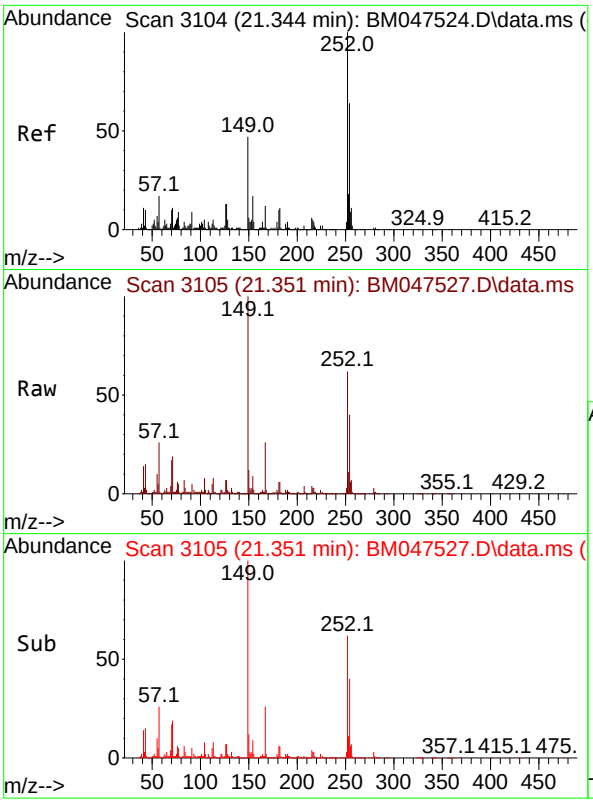


#81
Benzo(a)anthracene
Concen: 82.413 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:228 Resp:10436413

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.5	16.0	24.0

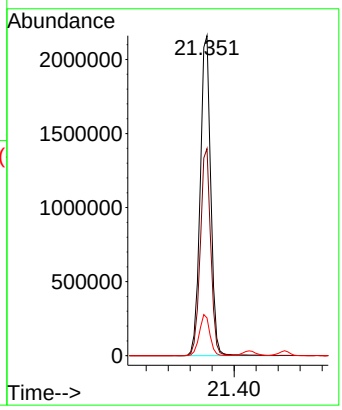




#82
3,3'-Dichlorobenzidine
Concen: 85.067 ng
RT: 21.351 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:252 Resp: 286558

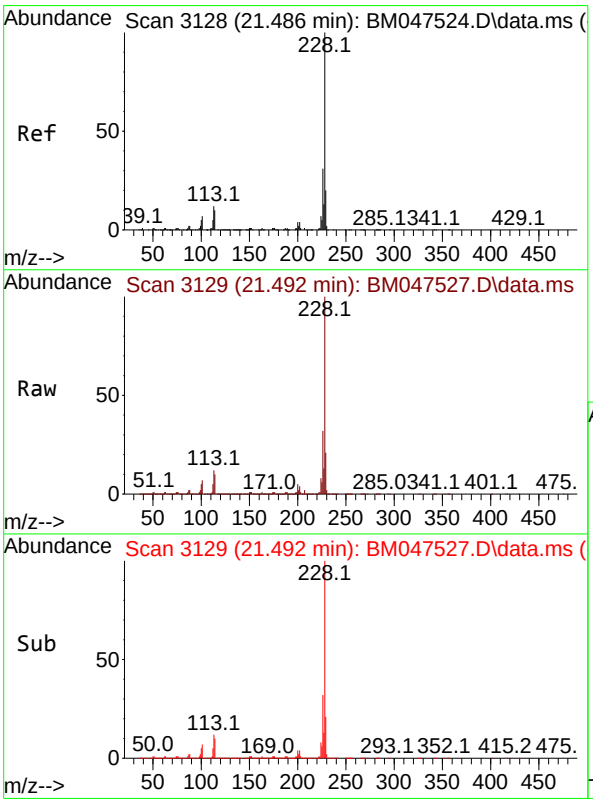
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	11.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

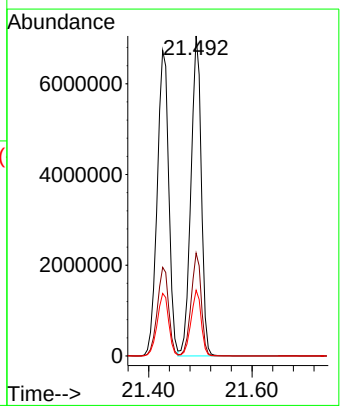
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

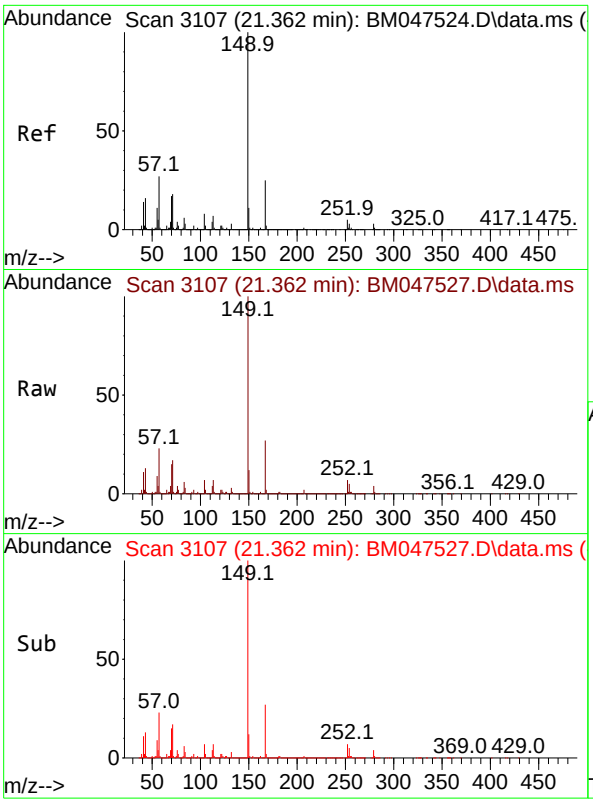


#83
Chrysene
Concen: 81.737 ng
RT: 21.492 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:228 Resp: 9790429

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.6	15.9	23.9

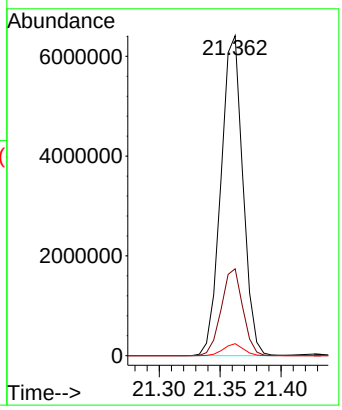




#84
Bis(2-ethylhexyl)phthalate
Concen: 94.112 ng
RT: 21.362 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:149 Resp: 804294

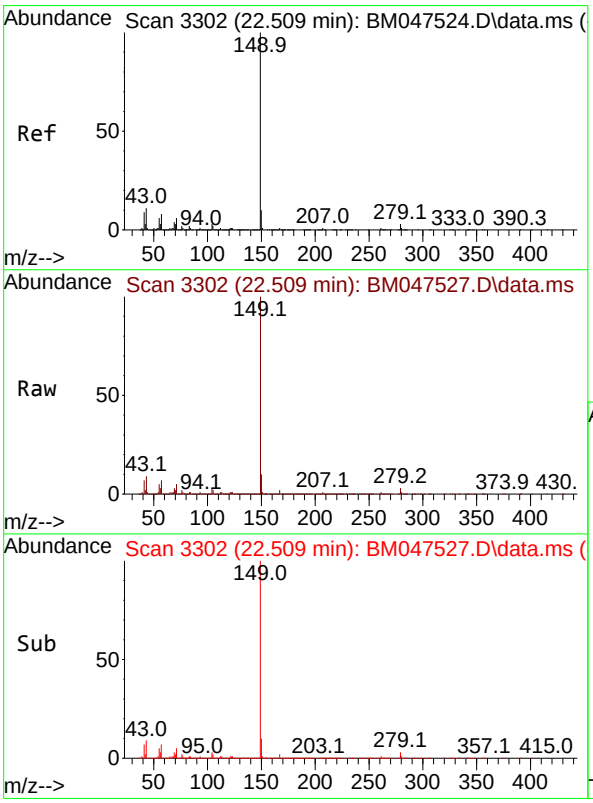
Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	3.7	2.6	4.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

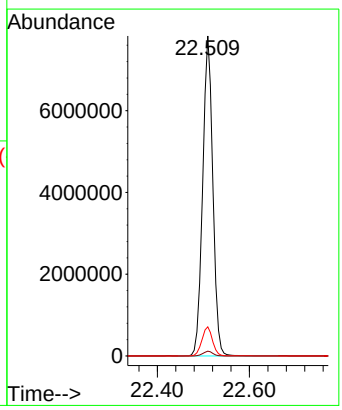
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

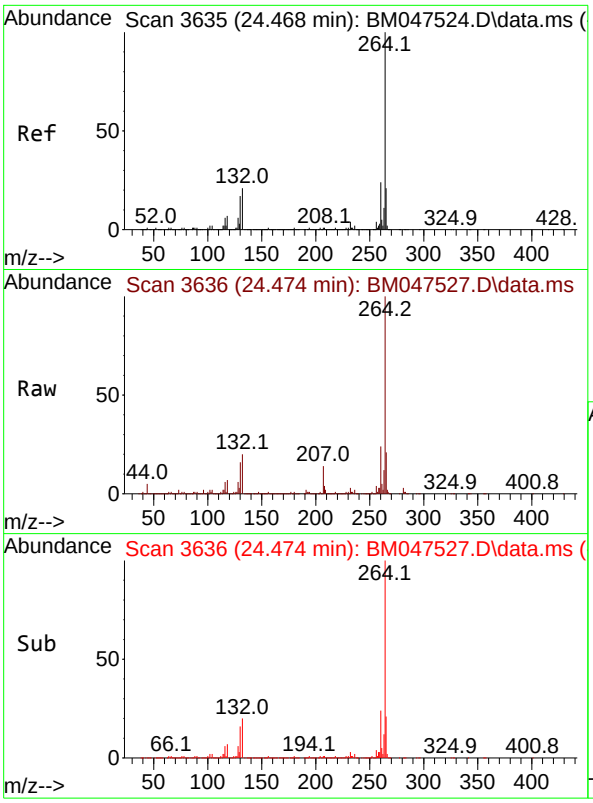


#85
Di-n-octyl phthalate
Concen: 99.636 ng
RT: 22.509 min Scan# 3302
Delta R.T. 0.000 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:149 Resp:12044470

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.5	8.9	13.3

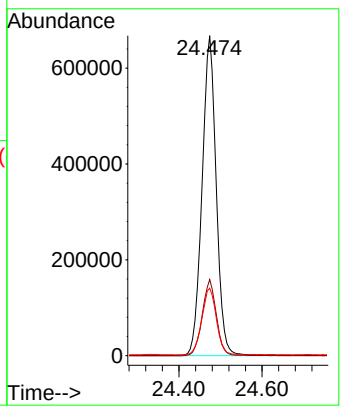




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:264 Resp: 157639

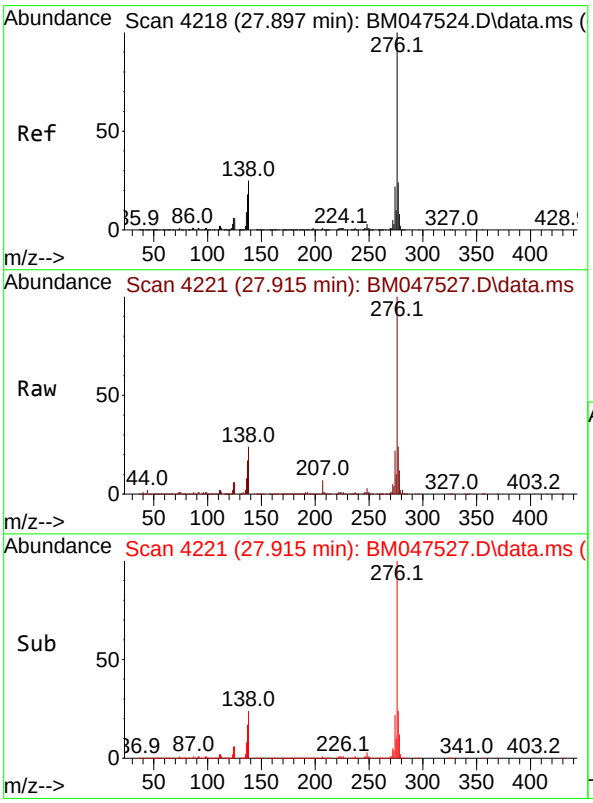
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.1	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

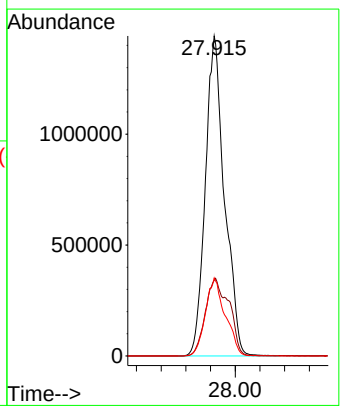
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

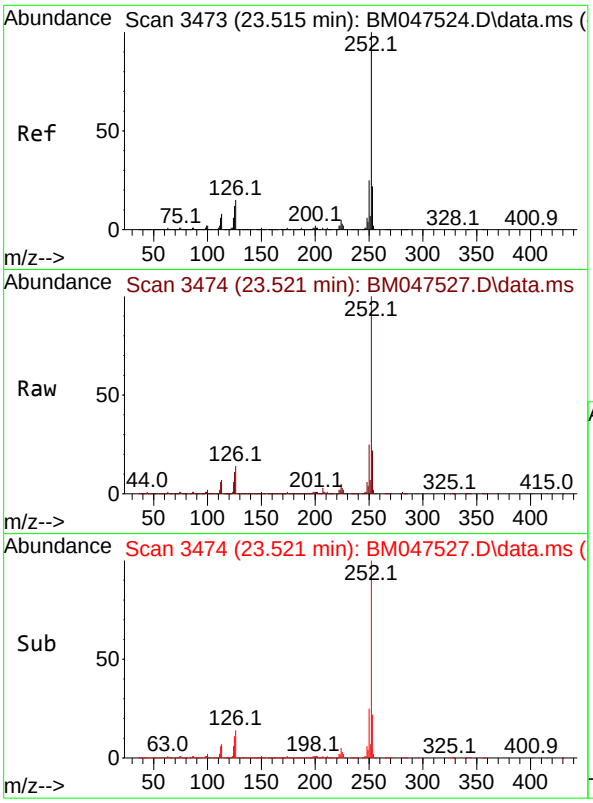


#87
Indeno(1,2,3-cd)pyrene
Concen: 82.411 ng
RT: 27.915 min Scan# 4221
Delta R.T. 0.018 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:276 Resp: 7774612

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	25.3	20.1	30.1

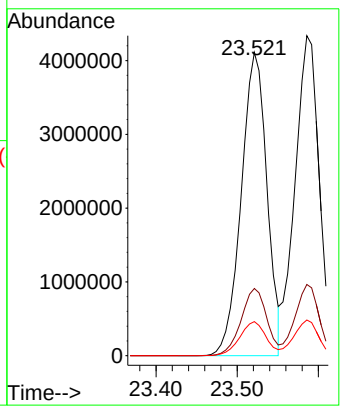




#88
Benzo(b)fluoranthene
Concen: 88.549 ng
RT: 23.521 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:252 Resp: 903158

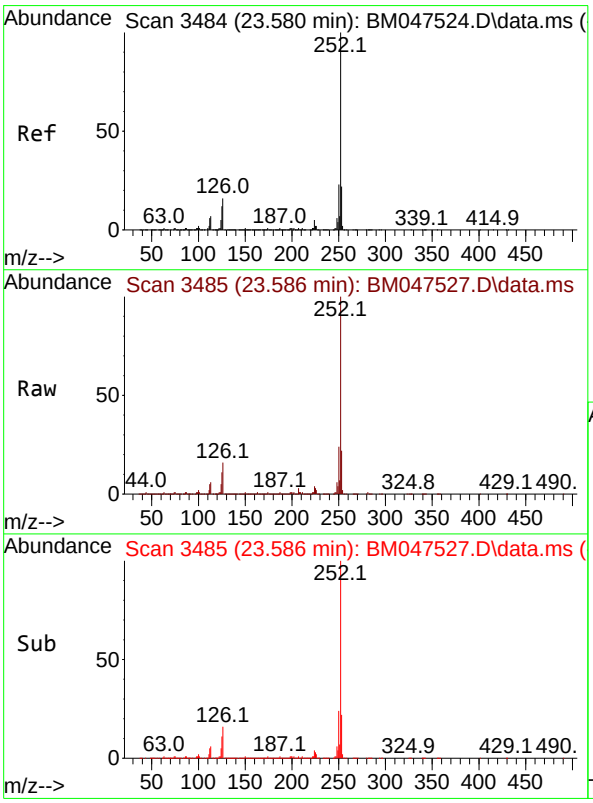
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.2	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

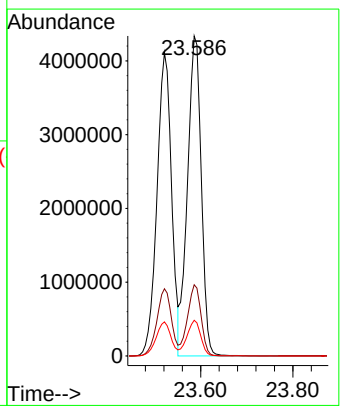
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

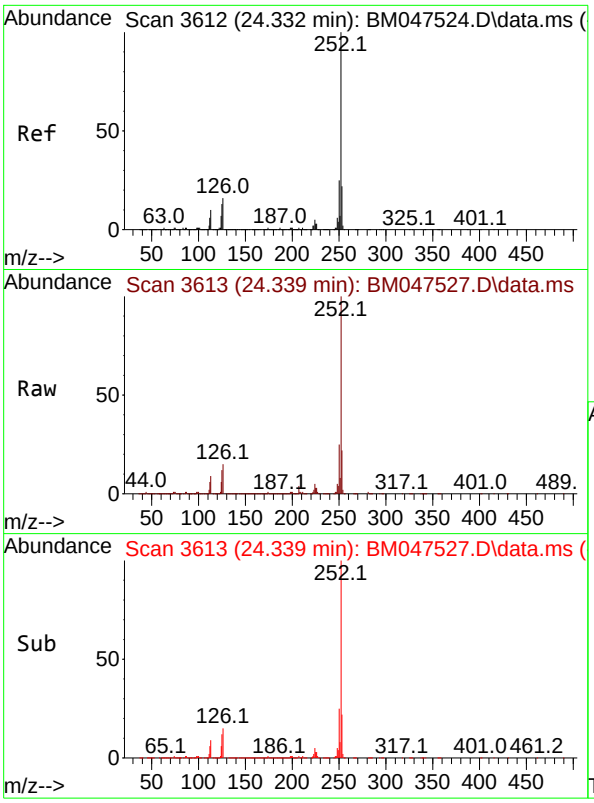


#89
Benzo(k)fluoranthene
Concen: 88.828 ng
RT: 23.586 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:252 Resp: 8979117

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.2	9.5	14.3

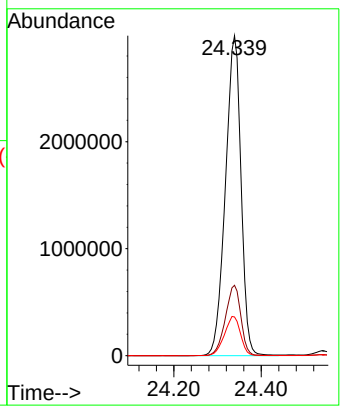




#90
Benzo(a)pyrene
Concen: 88.303 ng
RT: 24.339 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:252 Resp: 738176

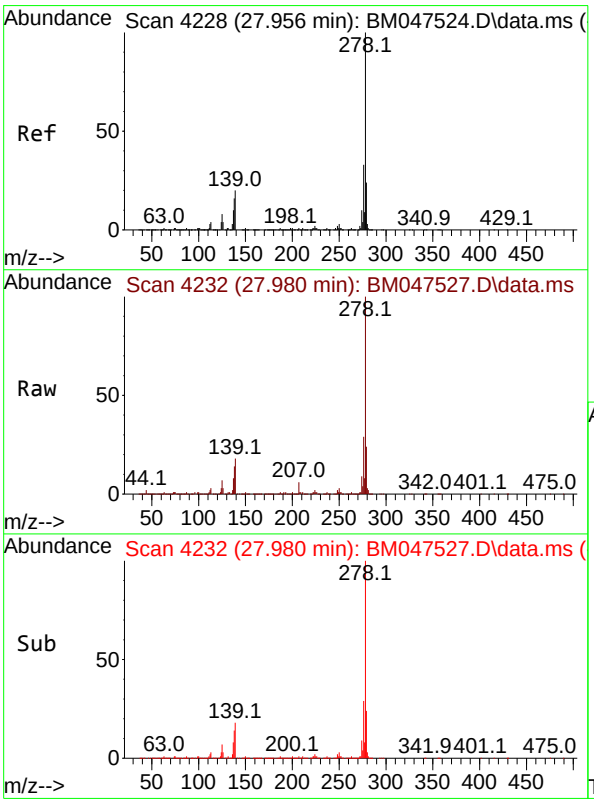
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.1	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

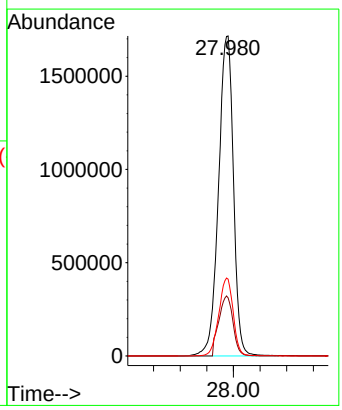
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

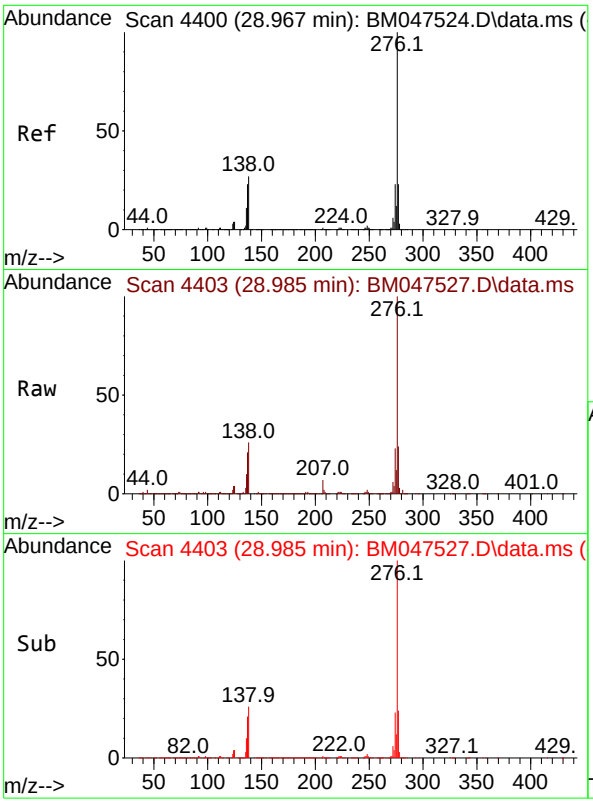


#91
Dibenzo(a,h)anthracene
Concen: 84.077 ng
RT: 27.980 min Scan# 4232
Delta R.T. 0.024 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:278 Resp: 6673296

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	24.0	19.3	28.9

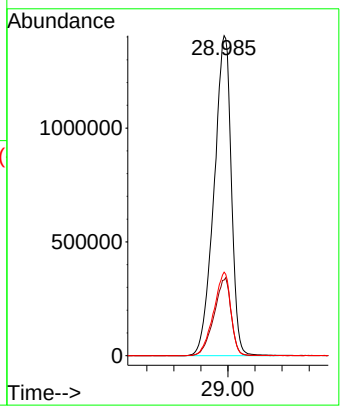




#92
Benzo(g,h,i)perylene
Concen: 80.358 ng
RT: 28.985 min Scan# 4
Delta R.T. 0.018 min
Lab File: BM047527.D
Acq: 14 Sep 2024 16:34

Tgt Ion:276 Resp: 623038

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	26.1	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	433518	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1934458	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1155790	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2184120	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2018814	20.000	ng	0.00
86) Perylene-d12	24.468	264	1739593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2153145	79.080	ng	0.00
7) Phenol-d6	7.010	99	3115031	81.240	ng	0.00
23) Nitrobenzene-d5	9.004	82	3054251	79.016	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	968206	86.666	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	6760498	80.575	ng	0.00
79) Terphenyl-d14	19.833	244	9440273	83.794	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	436365	37.418	ng	98
3) Pyridine	3.716	79	1328681m	38.276	ng	
4) n-Nitrosodimethylamine	3.628	42	591123	37.531	ng	97
6) Aniline	7.175	93	1362320	40.075	ng	100
8) 2-Chlorophenol	7.416	128	1213673	40.435	ng	98
9) Benzaldehyde	6.987	77	776761	42.604	ng	99
10) Phenol	7.034	94	1538335	40.068	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1225620	39.763	ng	99
12) 1,3-Dichlorobenzene	7.740	146	1291907	39.323	ng	100
13) 1,4-Dichlorobenzene	7.887	146	1312526	39.224	ng	100
14) 1,2-Dichlorobenzene	8.204	146	1296593	39.373	ng	98
15) Benzyl Alcohol	8.087	79	1073257	41.322	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1676915m	38.676	ng	
17) 2-Methylphenol	8.287	107	1004306	40.947	ng	98
18) Hexachloroethane	8.934	117	521681	39.026	ng	99
19) n-Nitroso-di-n-propyla...	8.657	70	1067626	41.297	ng	99
20) 3+4-Methylphenols	8.616	107	1406257	41.091	ng	100
22) Acetophenone	8.669	105	2006112	39.445	ng	99
24) Nitrobenzene	9.045	77	1557585	39.215	ng	99
25) Isophorone	9.575	82	2743005	40.365	ng	99
26) 2-Nitrophenol	9.757	139	606239	44.791	ng	96
27) 2,4-Dimethylphenol	9.816	122	827489	40.331	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	1684233	39.457	ng	99
29) 2,4-Dichlorophenol	10.292	162	1082009	41.509	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	1183219	39.627	ng	98
31) Naphthalene	10.698	128	4109028	39.330	ng	100
32) Benzoic acid	9.957	122	819547	41.565	ng	98
33) 4-Chloroaniline	10.798	127	1516874	40.157	ng	99
34) Hexachlorobutadiene	10.992	225	650005	39.303	ng	99
35) Caprolactam	11.580	113	381738	44.462	ng	92
36) 4-Chloro-3-methylphenol	11.922	107	1239823	41.503	ng	100
37) 2-Methylnaphthalene	12.310	142	2801320	40.287	ng	99
38) 1-Methylnaphthalene	12.527	142	2789337	40.366	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	1232956	39.423	ng	99
41) Hexachlorocyclopentadiene	12.663	237	391885	38.330	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	819111	41.805	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	920532	41.595	ng		99
46) 1,1'-Biphenyl	13.316	154	3562522	39.616	ng		99
47) 2-Chloronaphthalene	13.357	162	2778294	39.789	ng		100
48) 2-Nitroaniline	13.551	65	862825	42.070	ng		99
49) Acenaphthylene	14.204	152	4062122	40.313	ng		100
50) Dimethylphthalate	13.939	163	3130077	39.733	ng		99
51) 2,6-Dinitrotoluene	14.051	165	692880	41.664	ng		97
52) Acenaphthene	14.545	154	2855304	40.442	ng		99
53) 3-Nitroaniline	14.374	138	780701	42.236	ng		97
54) 2,4-Dinitrophenol	14.580	184	303273	41.320	ng		91
55) Dibenzofuran	14.880	168	3929087	39.603	ng		100
56) 4-Nitrophenol	14.674	139	666432	43.814	ng		96
57) 2,4-Dinitrotoluene	14.833	165	944153	42.569	ng		100
58) Fluorene	15.527	166	3652975	40.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	714256	41.395	ng		100
60) Diethylphthalate	15.304	149	3394013	40.482	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	1650317	40.407	ng		99
62) 4-Nitroaniline	15.533	138	943457	43.422	ng		99
63) Azobenzene	15.815	77	3638400	39.412	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	426927	39.815	ng		88
66) n-Nitrosodiphenylamine	15.733	169	2709417	40.550	ng		100
67) 4-Bromophenyl-phenylether	16.415	248	867359	40.870	ng		94
68) Hexachlorobenzene	16.527	284	970735	40.377	ng		99
69) Atrazine	16.680	200	770740	41.735	ng		99
70) Pentachlorophenol	16.862	266	622891	44.695	ng		99
71) Phenanthrene	17.257	178	4802982	39.903	ng		100
72) Anthracene	17.351	178	4737394	40.965	ng		100
73) Carbazole	17.615	167	4733275	41.301	ng		100
74) Di-n-butylphthalate	18.186	149	5807192	42.350	ng		100
75) Fluoranthene	19.268	202	5531833	42.122	ng		99
77) Benzidine	19.445	184	1045554	36.773	ng		99
78) Pyrene	19.627	202	5859728	39.792	ng		99
80) Butylbenzylphthalate	20.521	149	2448871	43.200	ng		98
81) Benzo(a)anthracene	21.421	228	5336342	40.554	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	1561668	44.615	ng		99
83) Chrysene	21.486	228	5016069	40.301	ng		100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3908511	44.013	ng		99
85) Di-n-octyl phthalate	22.503	149	5845092	46.533	ng		99
87) Indeno(1,2,3-cd)pyrene	27.897	276	4045117	38.856	ng	#	90
88) Benzo(b)fluoranthene	23.515	252	4654837	41.356	ng		99
89) Benzo(k)fluoranthene	23.580	252	4639524	41.592	ng		99
90) Benzo(a)pyrene	24.327	252	3794215	41.129	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	3421259	39.061	ng		99
92) Benzo(g,h,i)perylene	28.968	276	3226301	37.708	ng		99

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

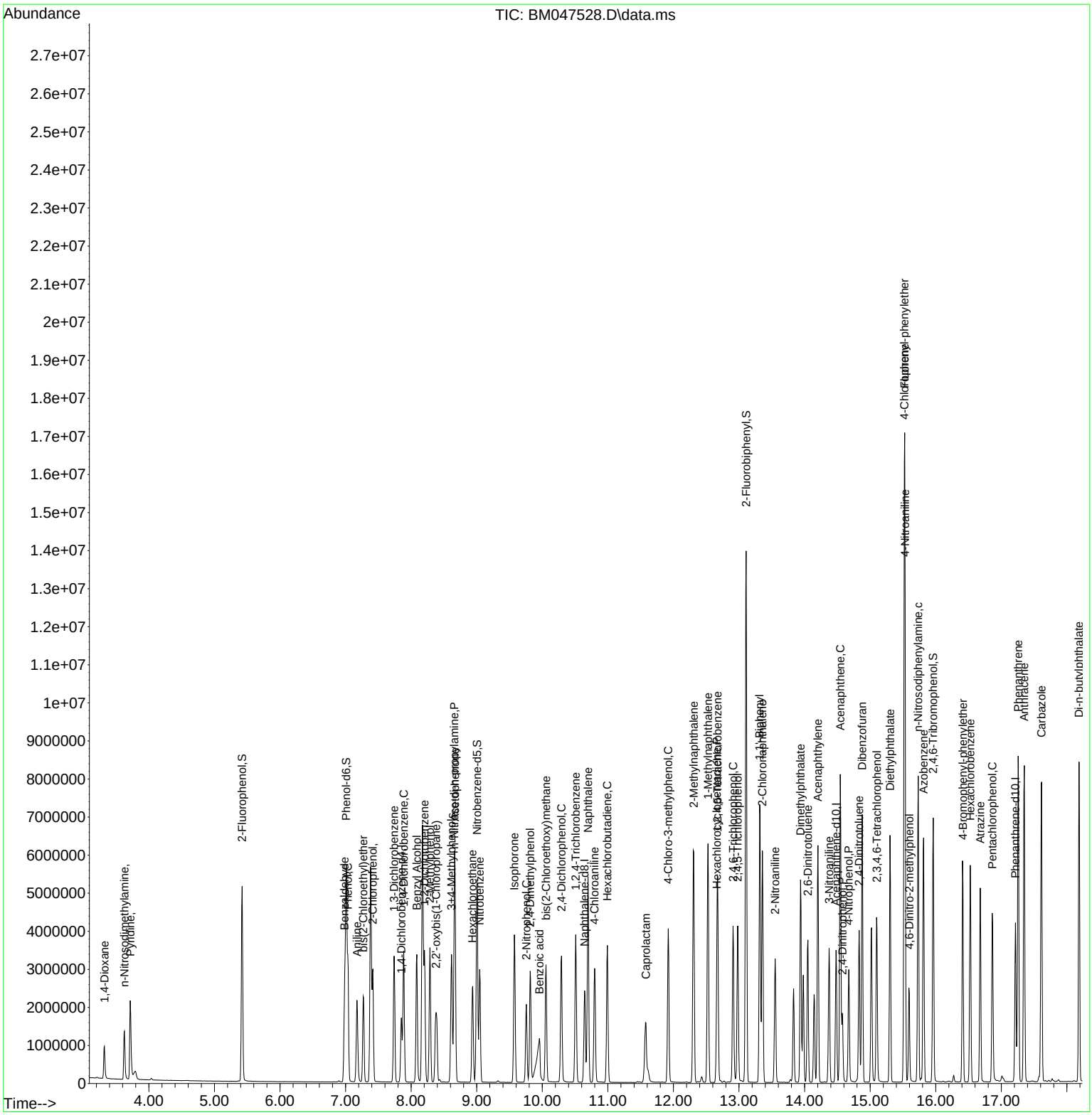
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Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



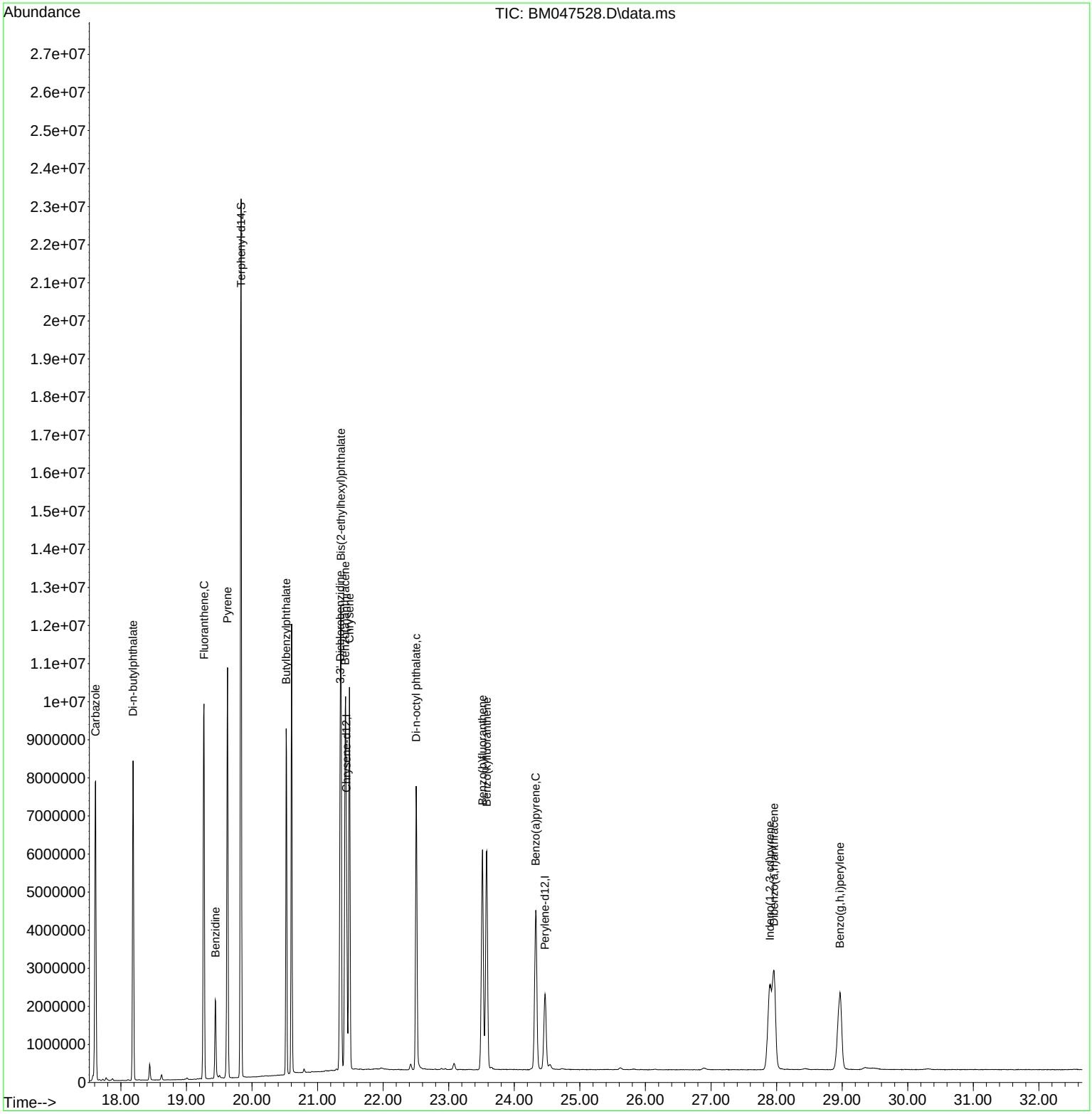
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Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

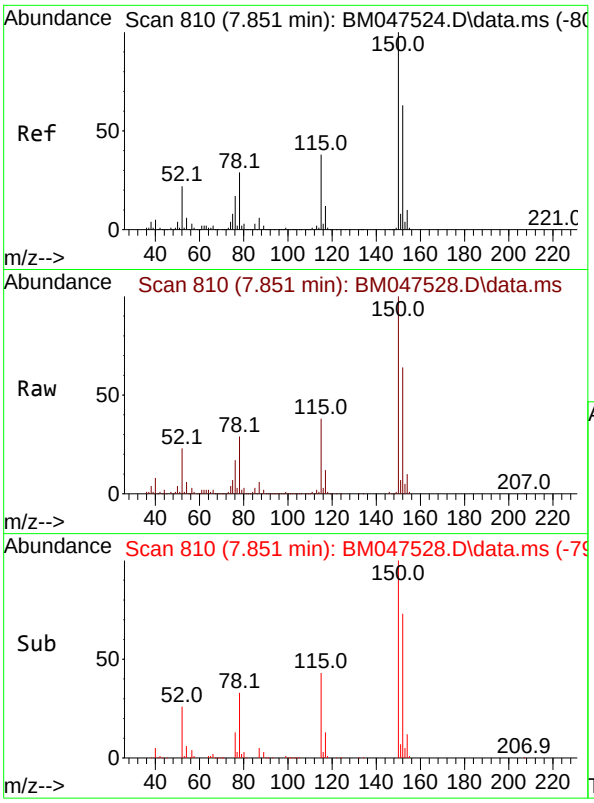
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
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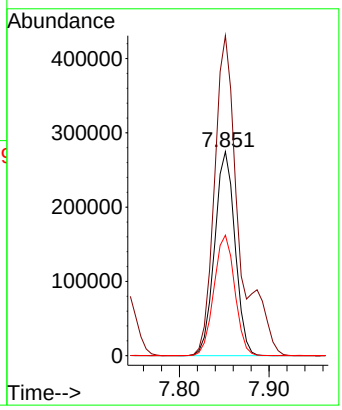




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:152 Resp: 43351

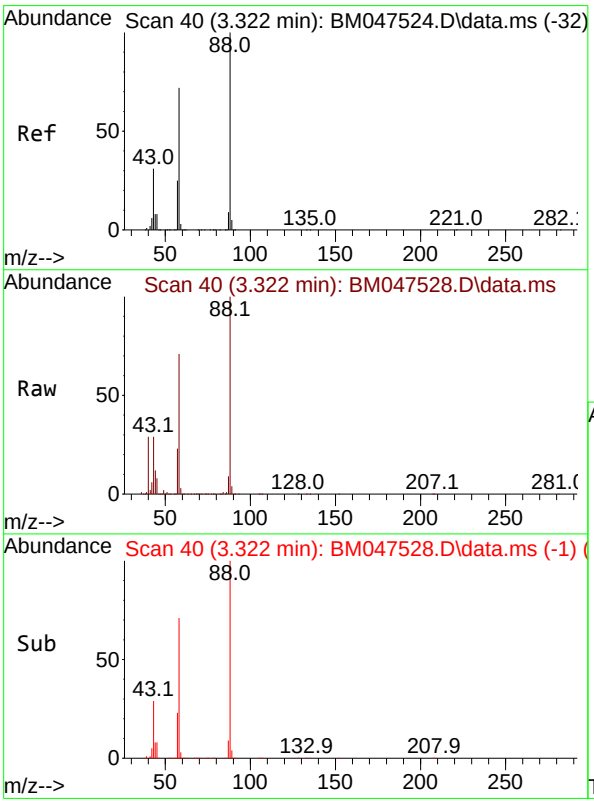
Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.8	190.2
115	59.1	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

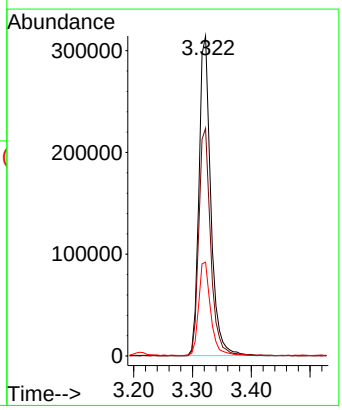
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

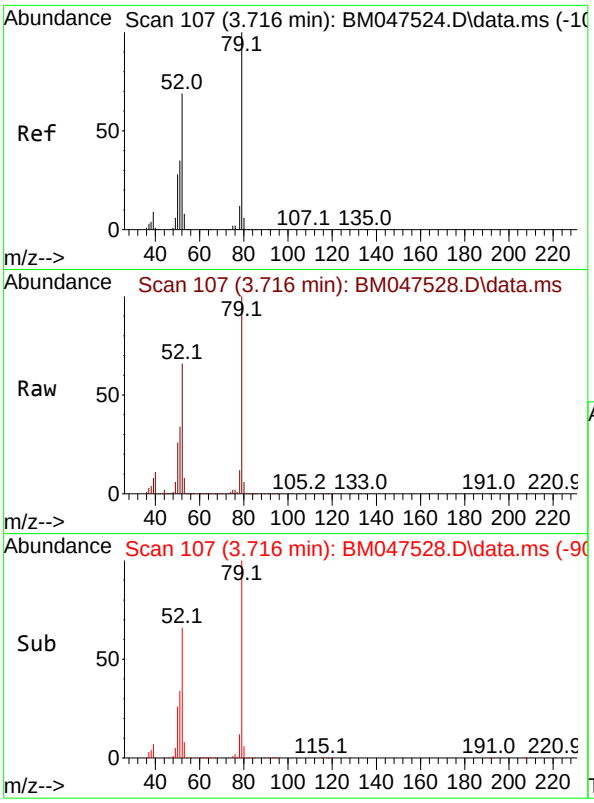


#2
1,4-Dioxane
Concen: 37.418 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 88 Resp: 436365

Ion	Ratio	Lower	Upper
88	100		
58	72.4	59.0	88.6
43	29.9	25.0	37.4

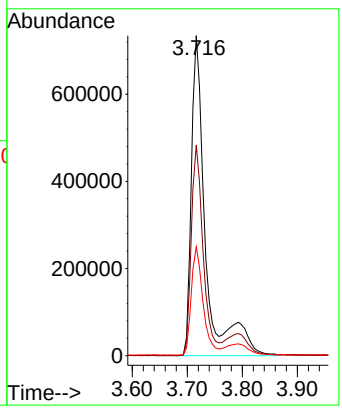




#3
Pyridine
Concen: 38.276 ng m
RT: 3.716 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 79 Resp: 132868

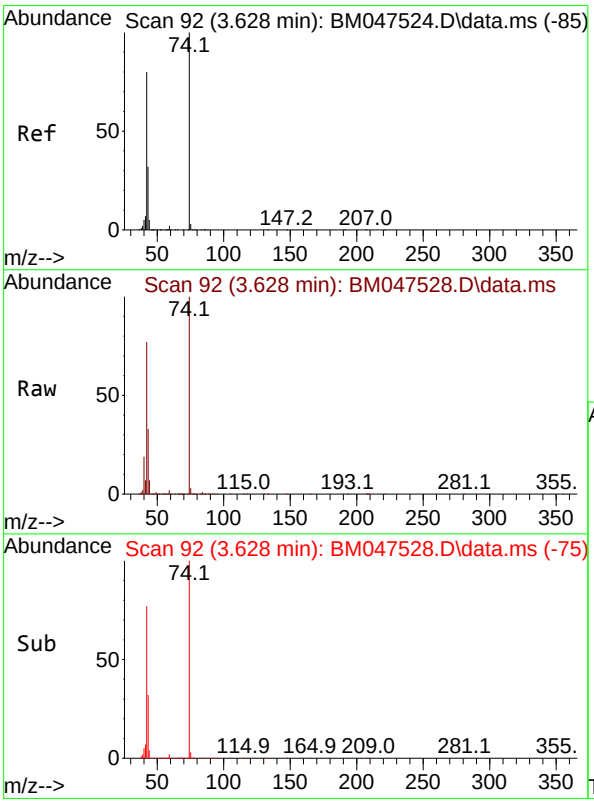
Ion	Ratio	Lower	Upper
79	100		
52	65.7	55.4	83.0
51	34.0	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

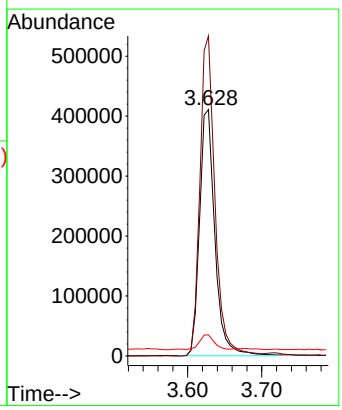
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

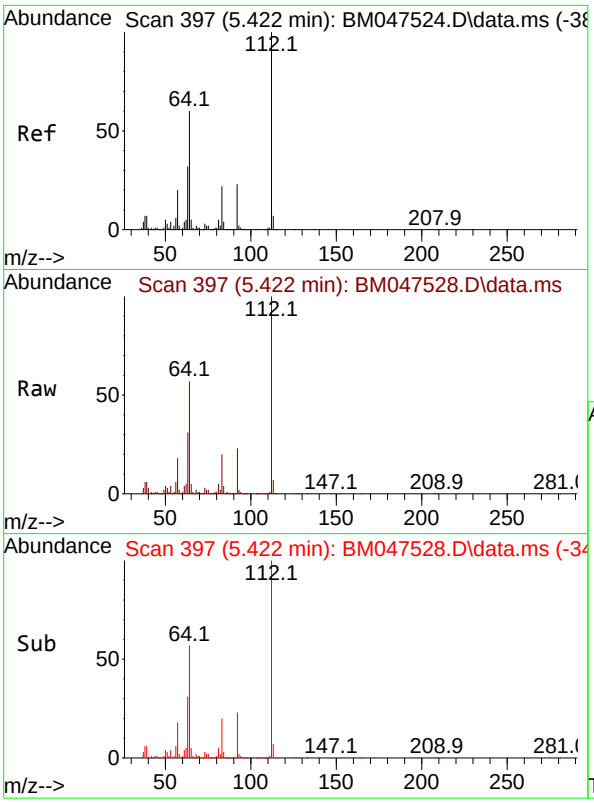


#4
n-Nitrosodimethylamine
Concen: 37.531 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 42 Resp: 591123

Ion	Ratio	Lower	Upper
42	100		
74	129.9	100.5	150.7
44	8.6	6.9	10.3





#5
2-Fluorophenol
Concen: 79.080 ng
RT: 5.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

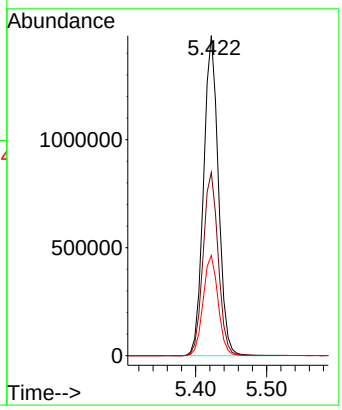
Tgt Ion:112 Resp: 215314

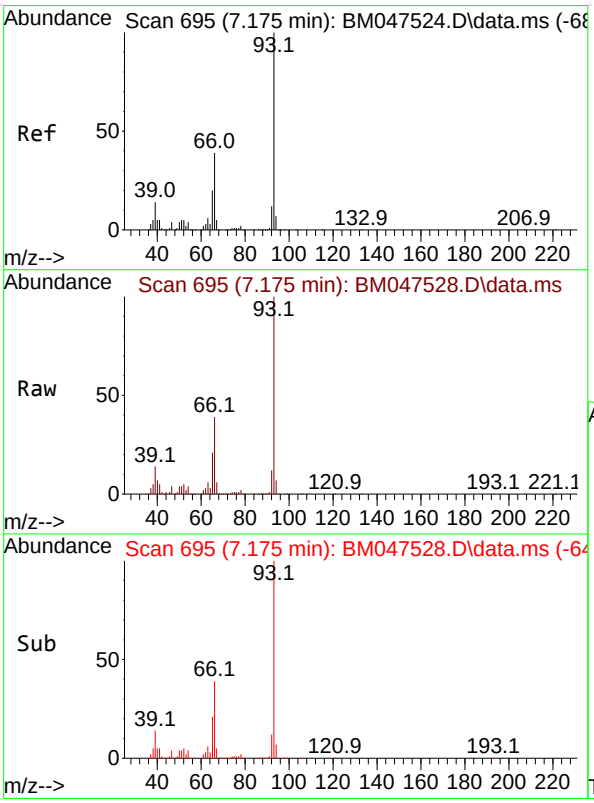
Ion	Ratio	Lower	Upper
112	100		
64	57.2	48.2	72.4
63	31.3	26.0	39.0

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

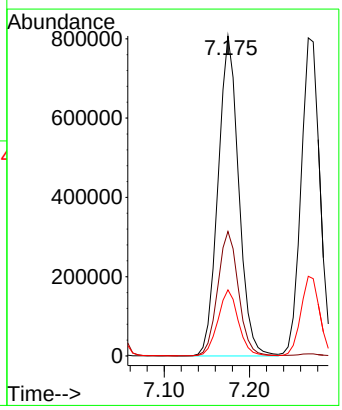


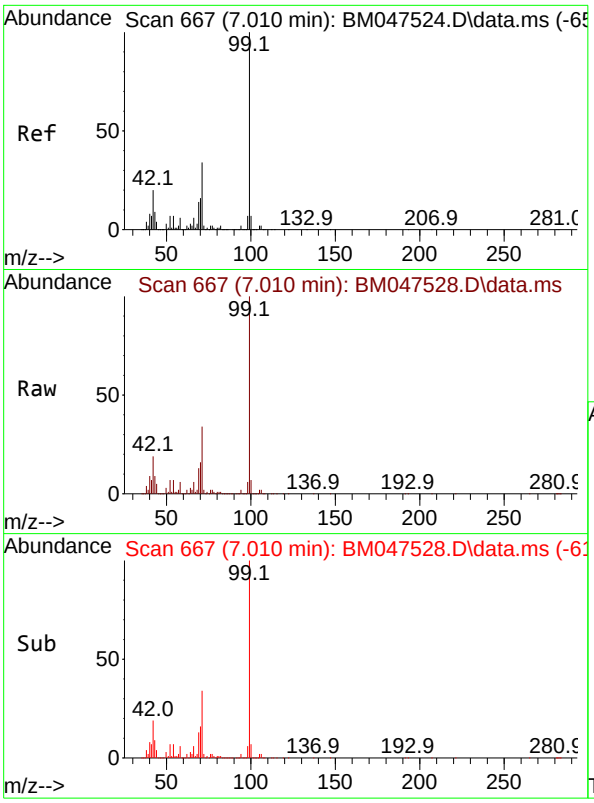


#6
Aniline
Concen: 40.075 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 93 Resp: 1362320

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.4	47.0
65	20.6	16.3	24.5

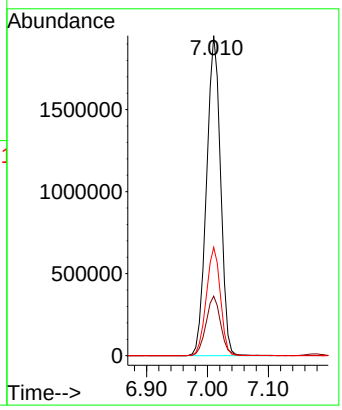




#7
Phenol-d6
Concen: 81.240 ng
RT: 7.010 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 99 Resp: 311503

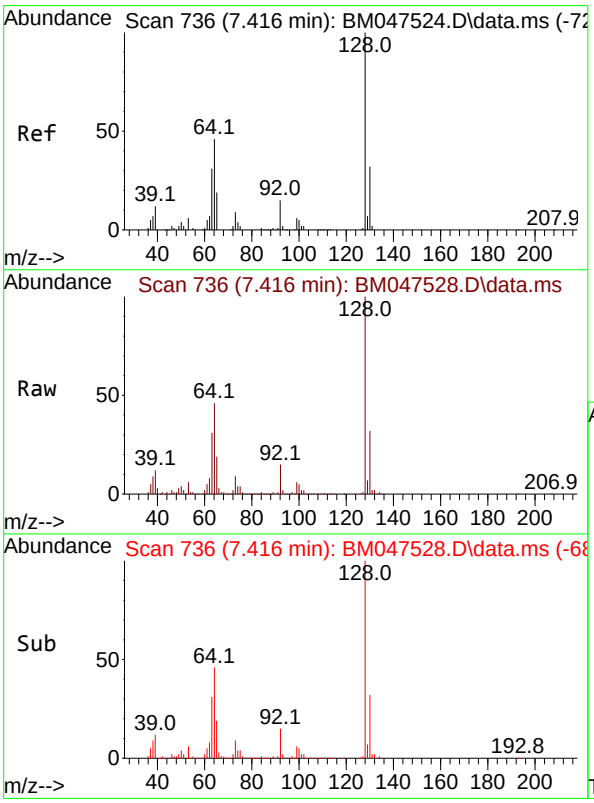
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.8
71	33.8	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

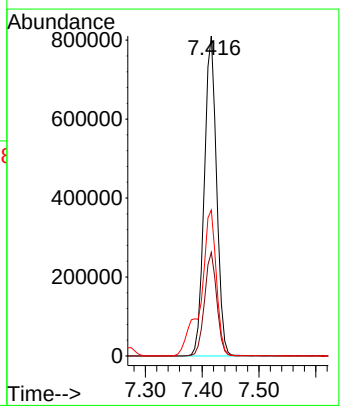
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

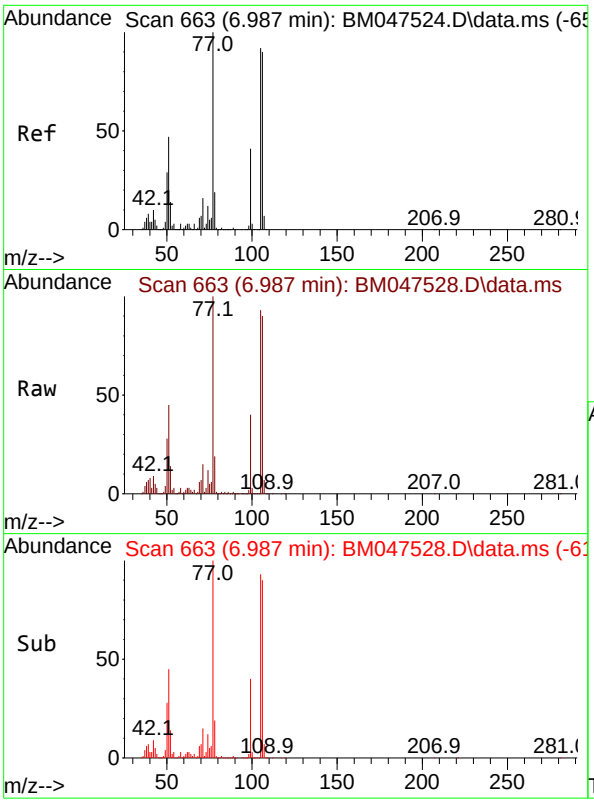


#8
2-Chlorophenol
Concen: 40.435 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:128 Resp: 1213673

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.8	51.8
64	45.6	27.6	67.6

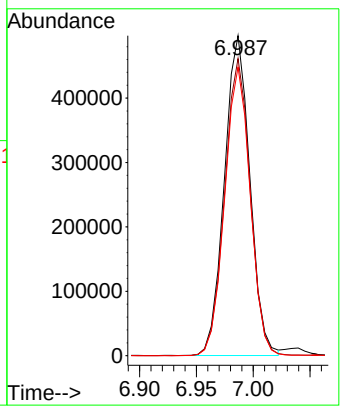




#9
Benzaldehyde
Concen: 42.604 ng
RT: 6.987 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 77 Resp: 77676(

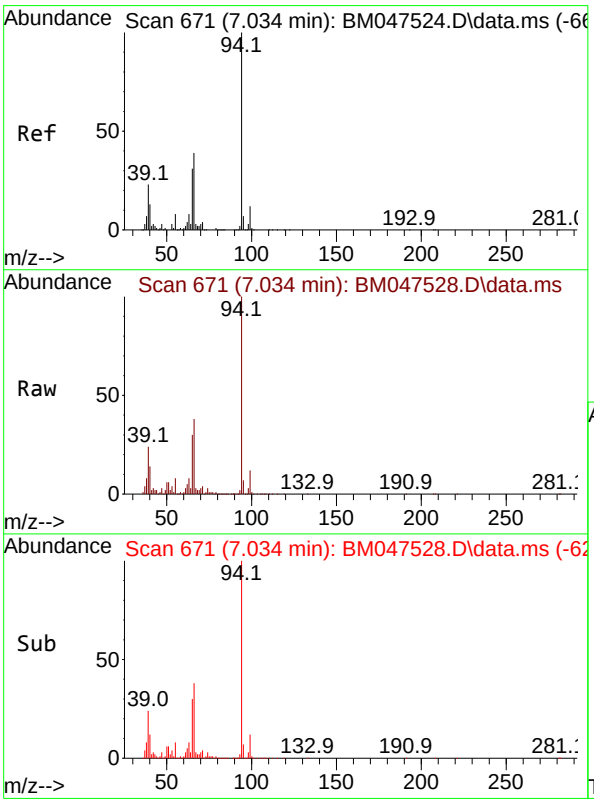
Ion	Ratio	Lower	Upper
77	100		
105	92.8	71.8	111.8
106	90.1	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

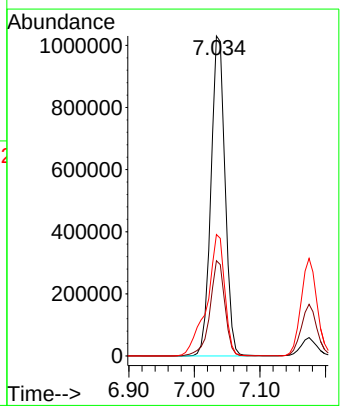
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

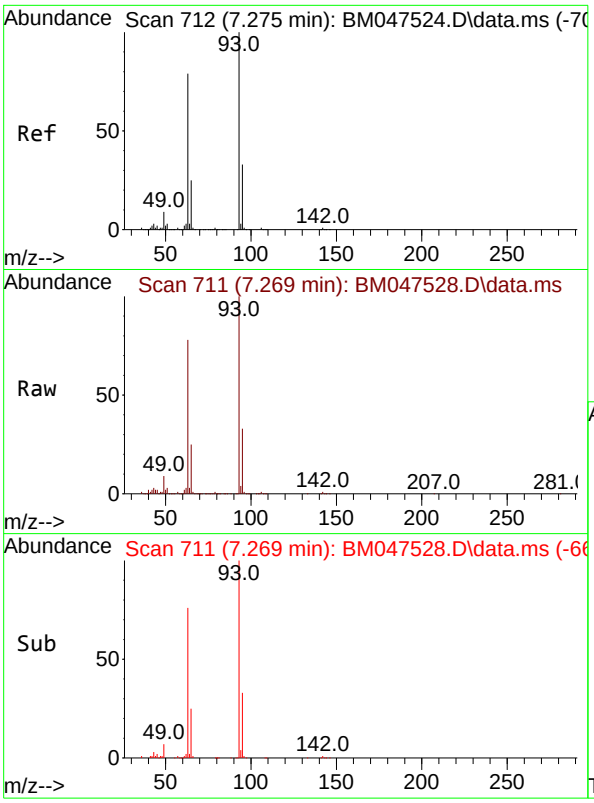


#10
Phenol
Concen: 40.068 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 94 Resp: 1538335

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.8	50.8
66	38.0	19.2	59.2

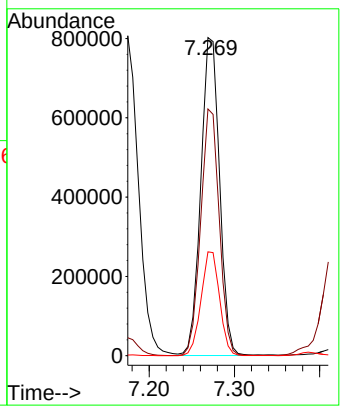




#11
bis(2-Chloroethyl)ether
Concen: 39.763 ng
RT: 7.269 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 93 Resp: 122562

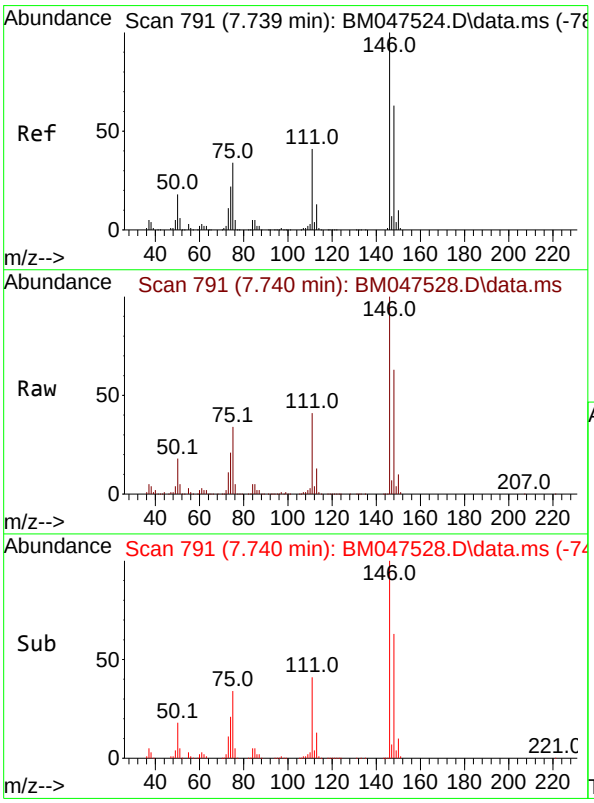
Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.2	98.2
95	32.6	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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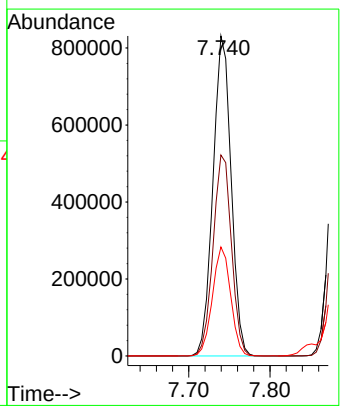
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

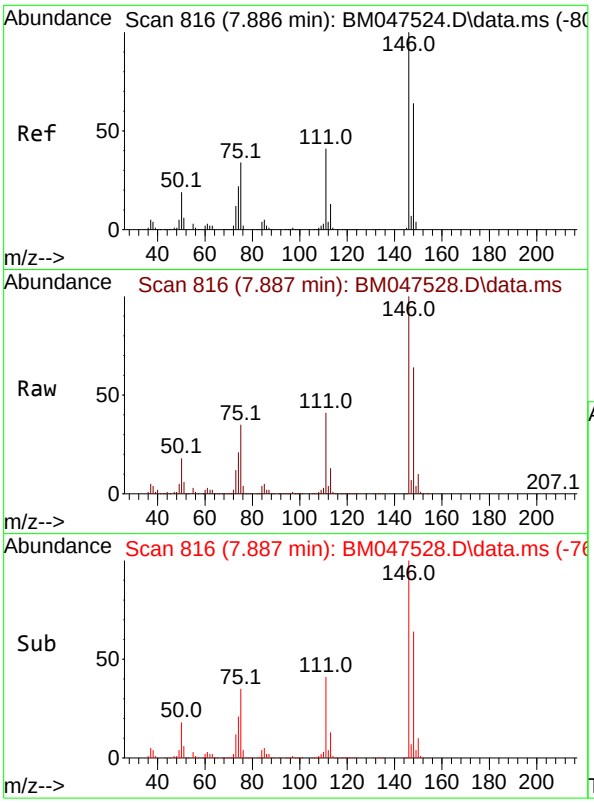


#12
1,3-Dichlorobenzene
Concen: 39.323 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:146 Resp: 1291907

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	34.1	27.4	41.0

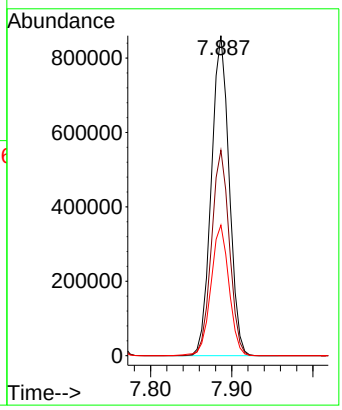




#13
1,4-Dichlorobenzene
Concen: 39.224 ng
RT: 7.887 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:146 Resp: 131252

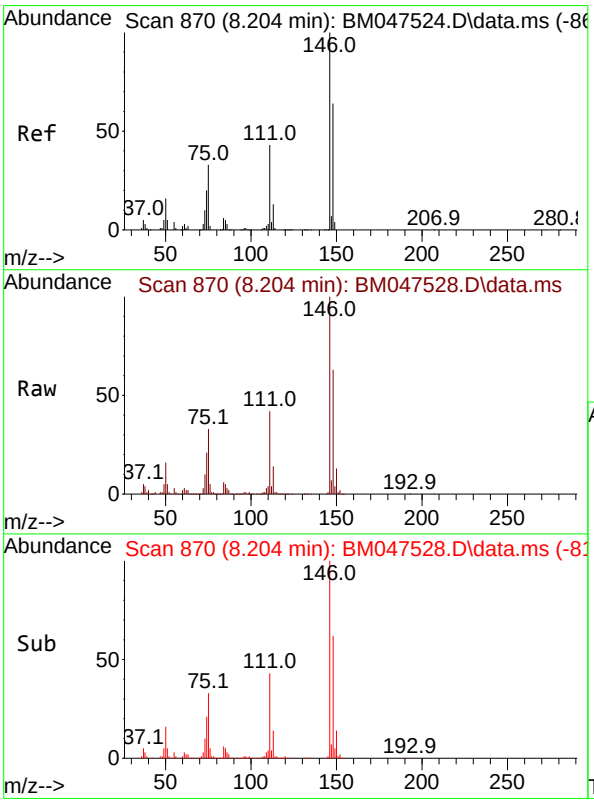
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	40.8	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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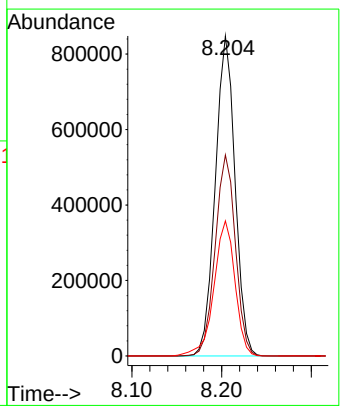
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

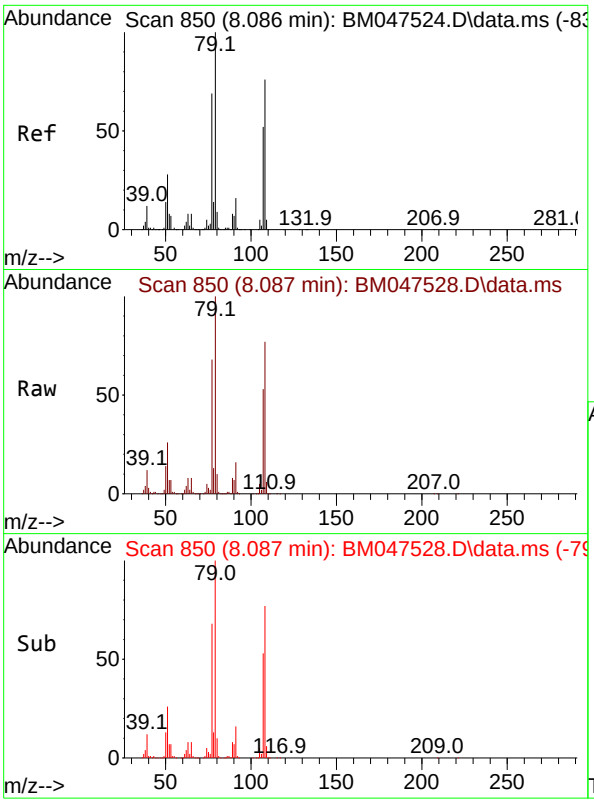


#14
1,2-Dichlorobenzene
Concen: 39.373 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:146 Resp: 1296593

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
111	42.2	34.7	52.1





#15
Benzyl Alcohol
Concen: 41.322 ng
RT: 8.087 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

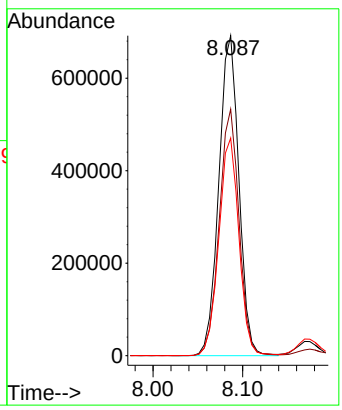
Tgt Ion: 79 Resp: 107325

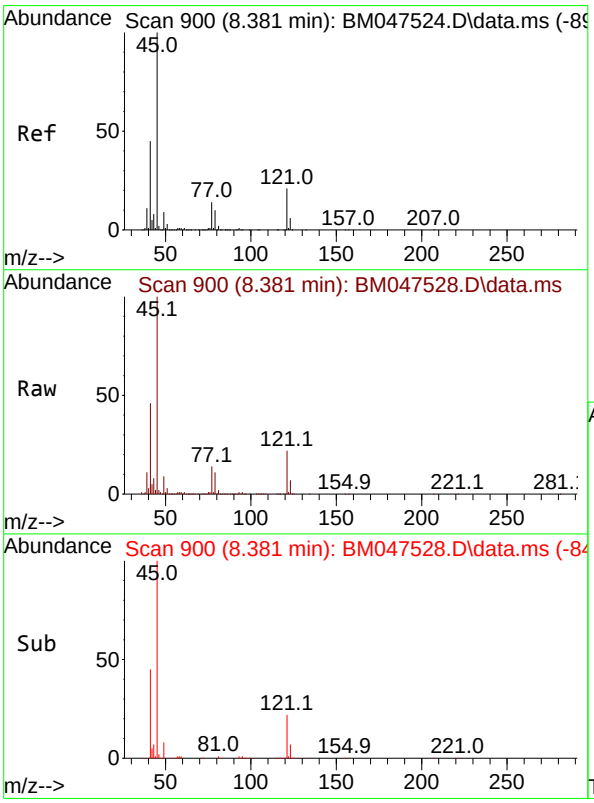
Ion	Ratio	Lower	Upper
79	100		
108	77.1	60.6	91.0
77	68.0	55.0	82.4

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

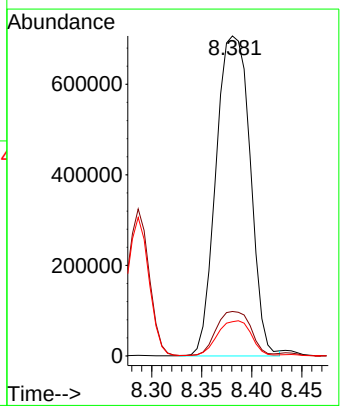


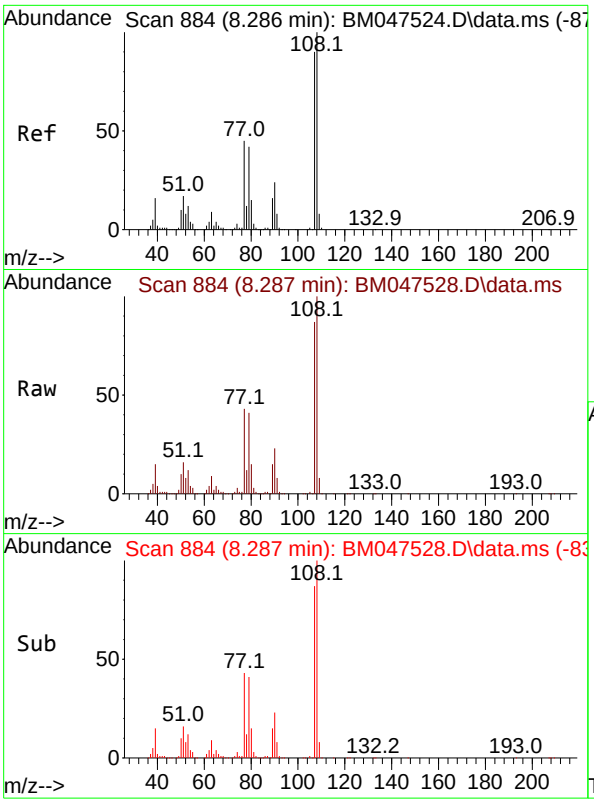


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.676 ng m
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 45 Resp: 1676915

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.7
79	10.7	0.0	30.3

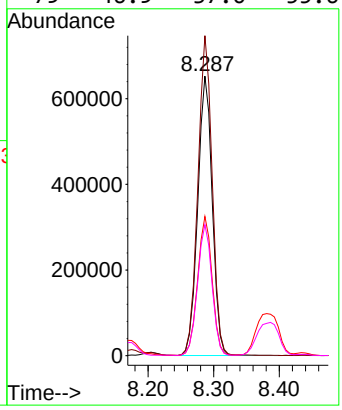




#17
2-Methylphenol
Concen: 40.947 ng
RT: 8.287 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:107 Resp: 100430

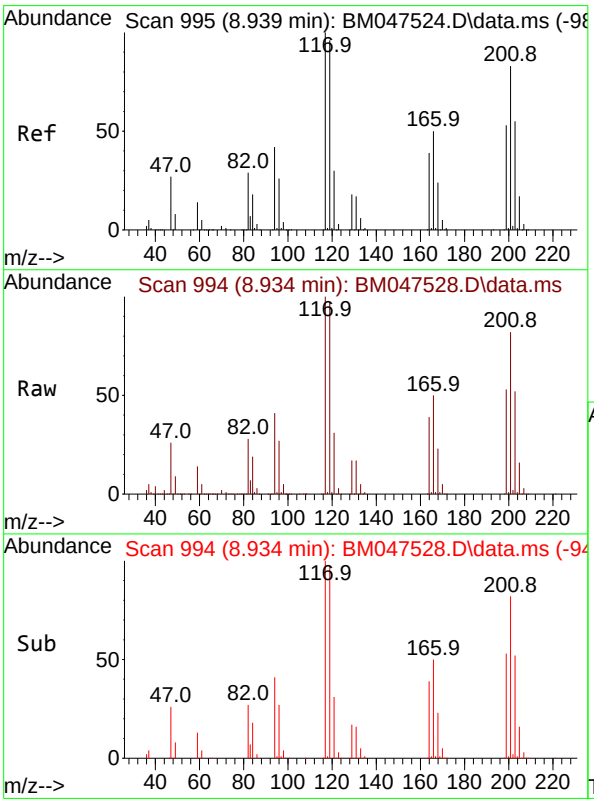
Ion	Ratio	Lower	Upper
107	100		
108	114.5	88.9	133.3
77	49.8	39.8	59.8
79	46.9	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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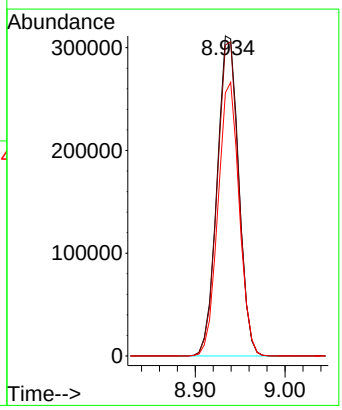
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

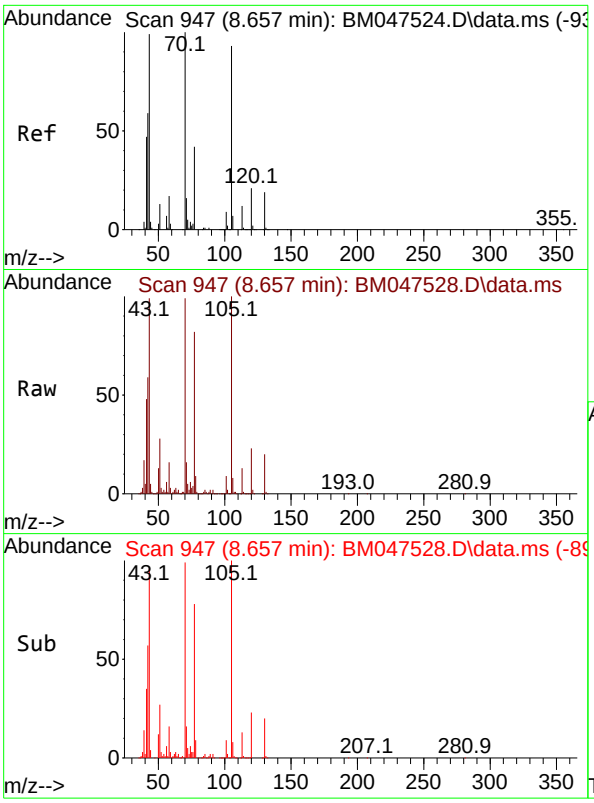


#18
Hexachloroethane
Concen: 39.026 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:117 Resp: 521681

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
201	82.2	66.8	100.2

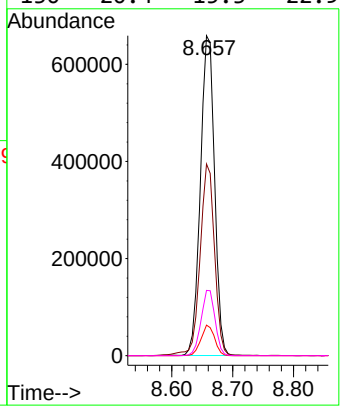




#19
n-Nitroso-di-n-propylamine
Concen: 41.297 ng
RT: 8.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 70 Resp: 106762

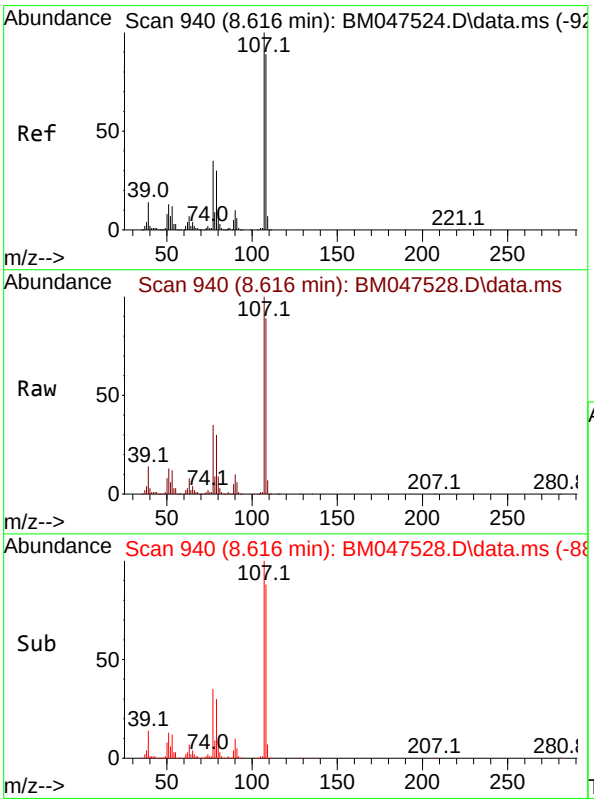
Ion	Ratio	Lower	Upper
70	100		
42	59.9	48.2	72.2
101	9.5	7.0	10.4
130	20.4	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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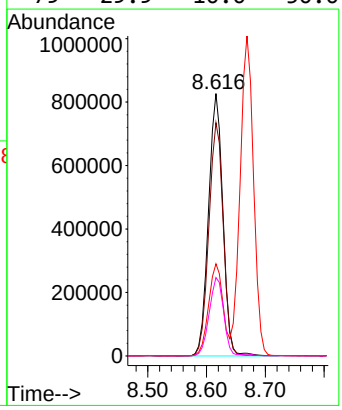
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

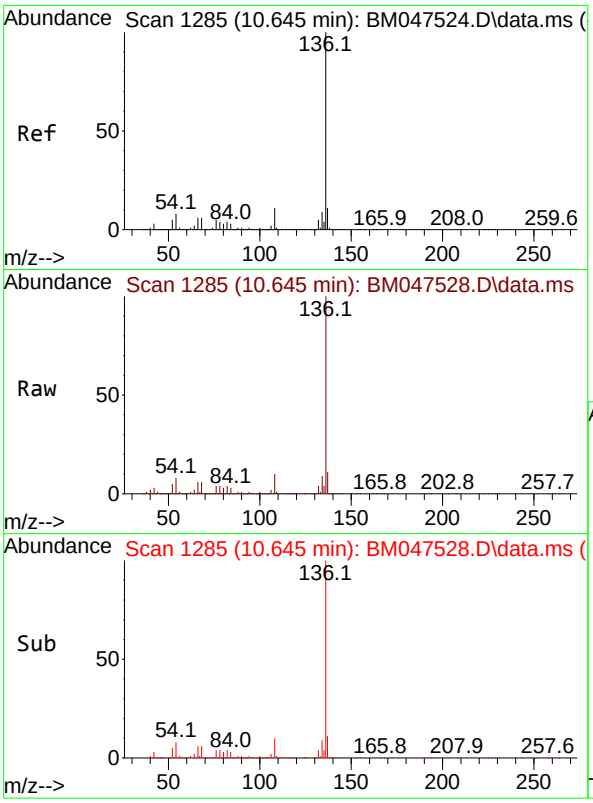


#20
3+4-Methylphenols
Concen: 41.091 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:107 Resp: 1406257

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	35.1	15.5	55.5
79	29.9	10.0	50.0

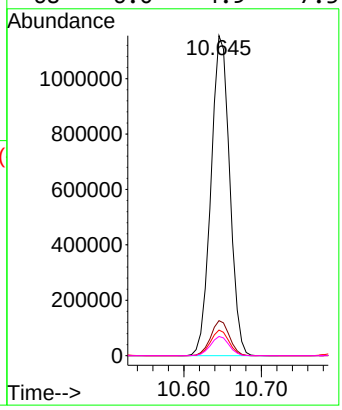




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:136 Resp: 193445

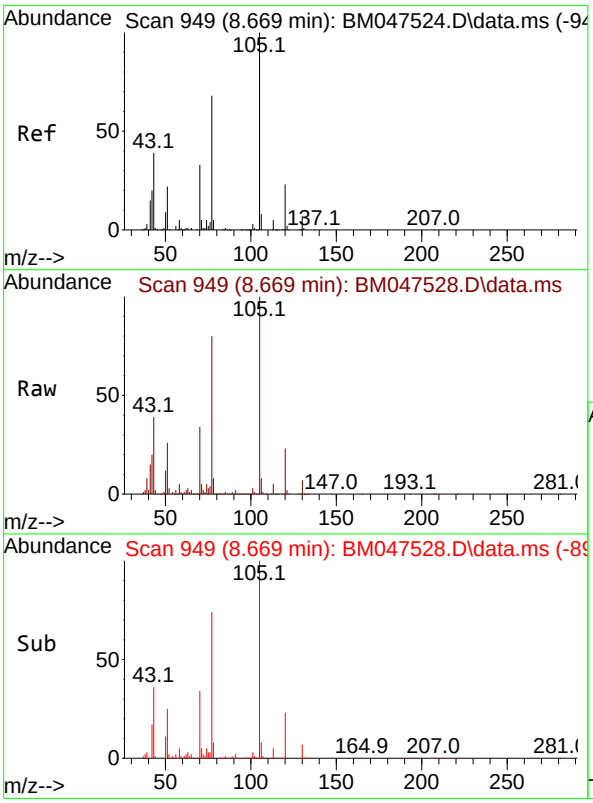
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.0	6.6	9.8
68	6.0	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

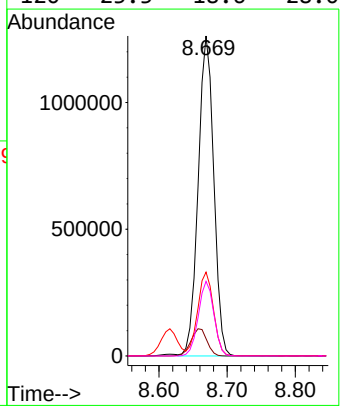
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

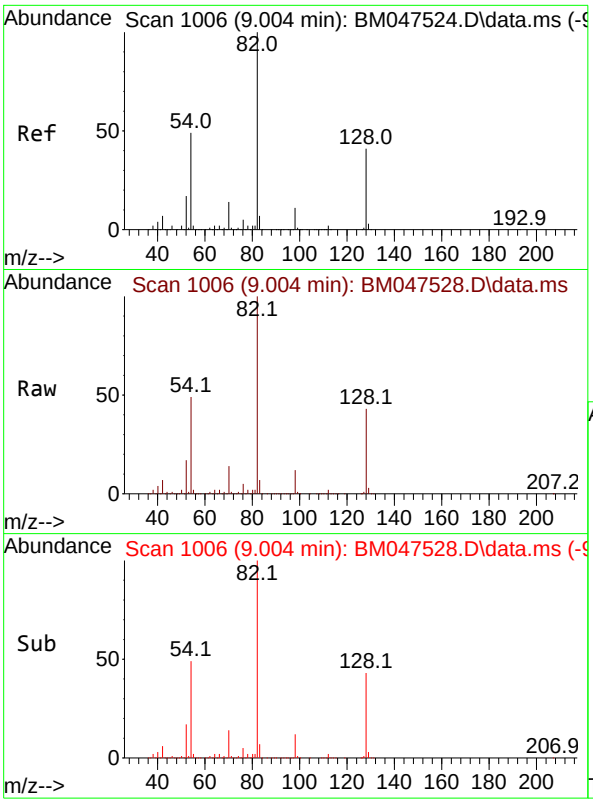


#22
Acetophenone
Concen: 39.445 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:105 Resp: 2006112

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.3	6.5
51	26.2	21.5	32.3
120	23.3	18.6	28.0

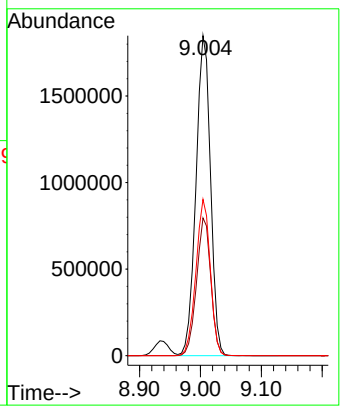




#23
Nitrobenzene-d5
Concen: 79.016 ng
RT: 9.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 82 Resp: 305425

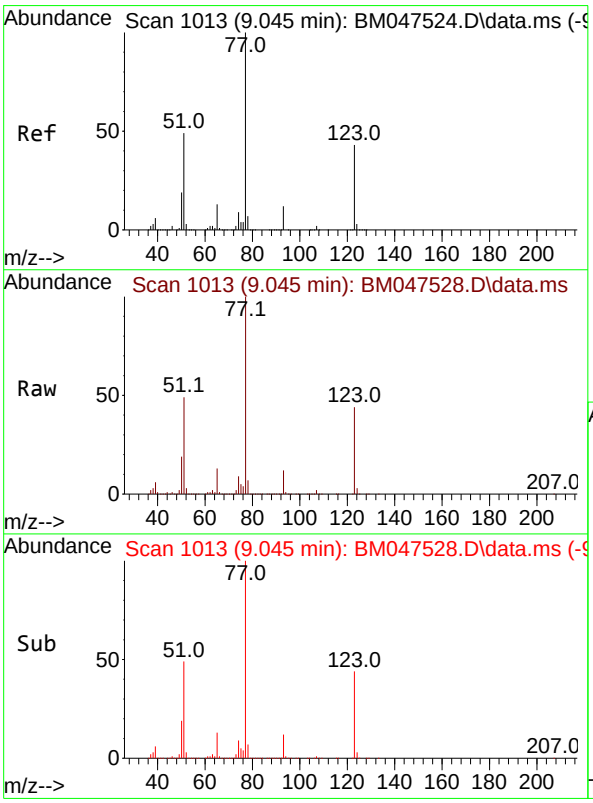
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	48.8	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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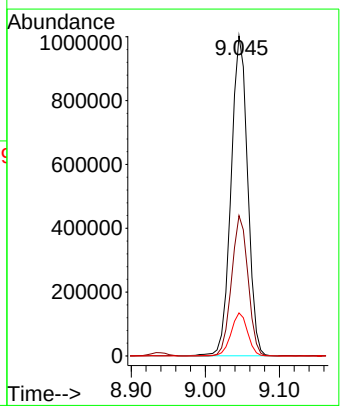
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

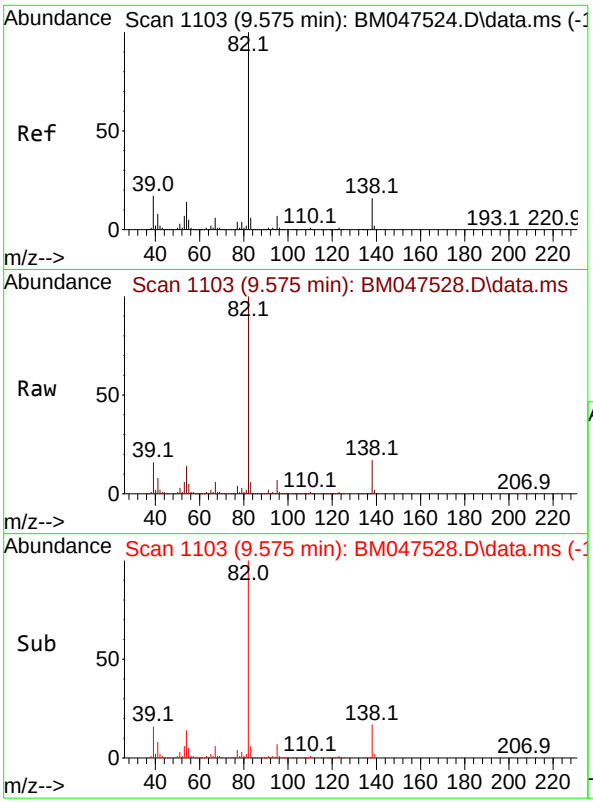


#24
Nitrobenzene
Concen: 39.215 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 77 Resp: 1557585

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.5	51.7
65	13.4	10.7	16.1

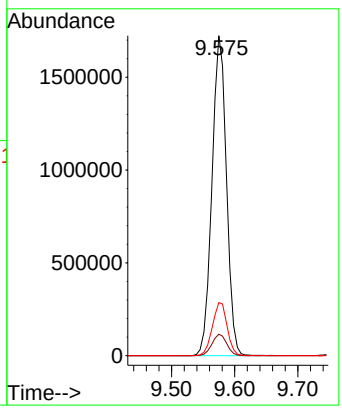




#25
Isophorone
Concen: 40.365 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 82 Resp: 274300

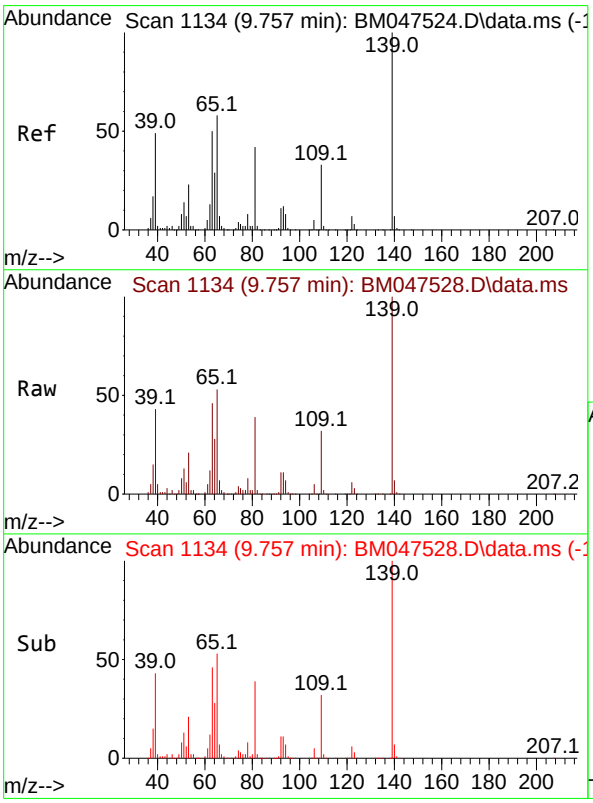
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.6	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

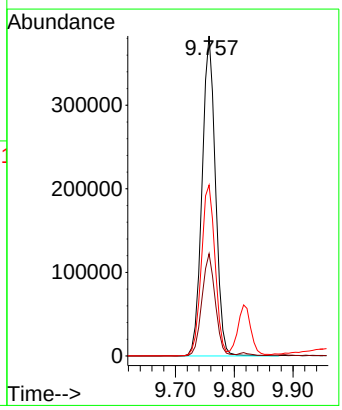
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

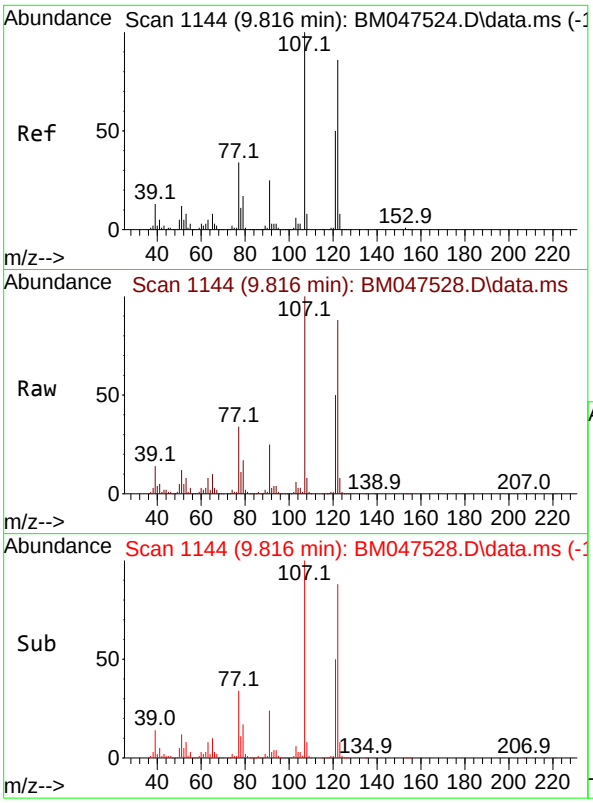


#26
2-Nitrophenol
Concen: 44.791 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:139 Resp: 606239

Ion	Ratio	Lower	Upper
139	100		
109	31.9	26.0	39.0
65	53.4	46.2	69.4

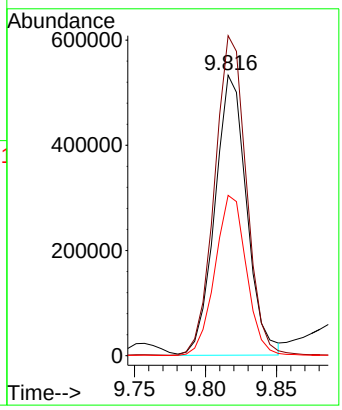




#27
2,4-Dimethylphenol
Concen: 40.331 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:122 Resp: 82748

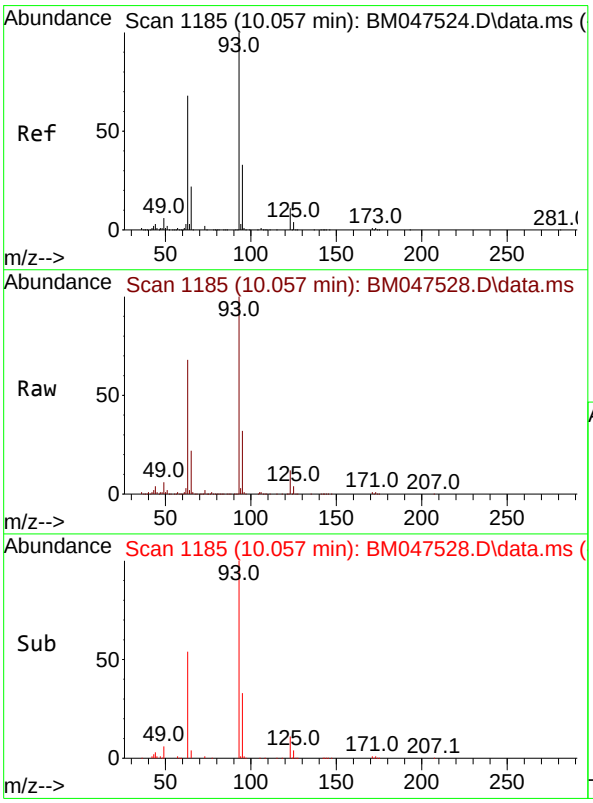
Ion	Ratio	Lower	Upper
122	100		
107	114.1	92.4	138.6
121	57.2	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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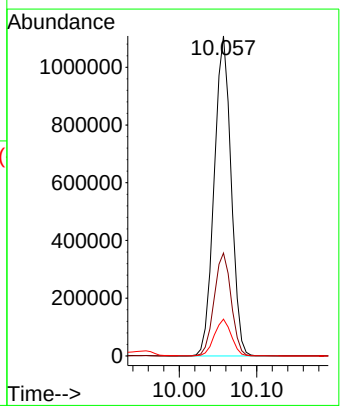
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

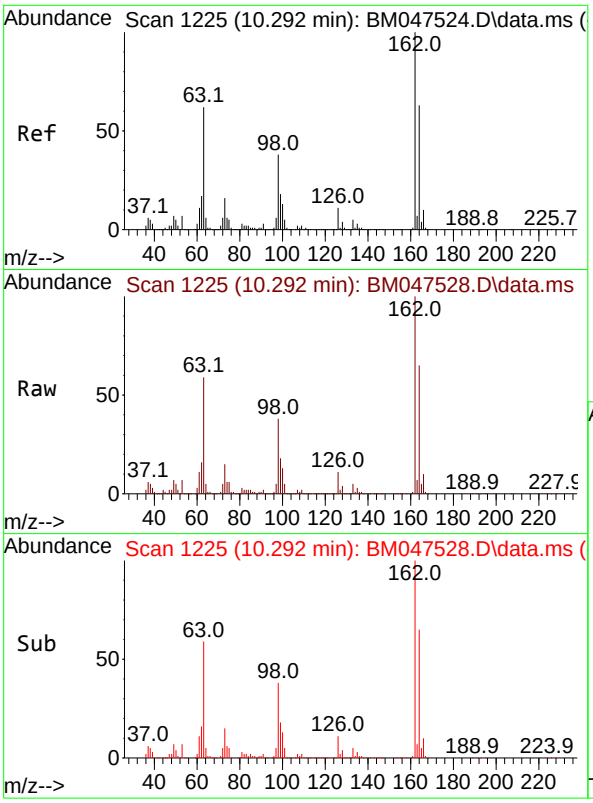


#28
bis(2-Chloroethoxy)methane
Concen: 39.457 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 93 Resp: 1684233

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.2
123	11.5	9.2	13.8

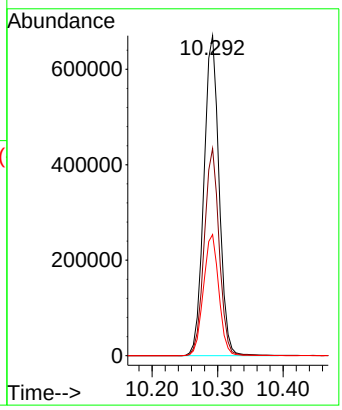




#29
2,4-Dichlorophenol
Concen: 41.509 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:162 Resp: 108200

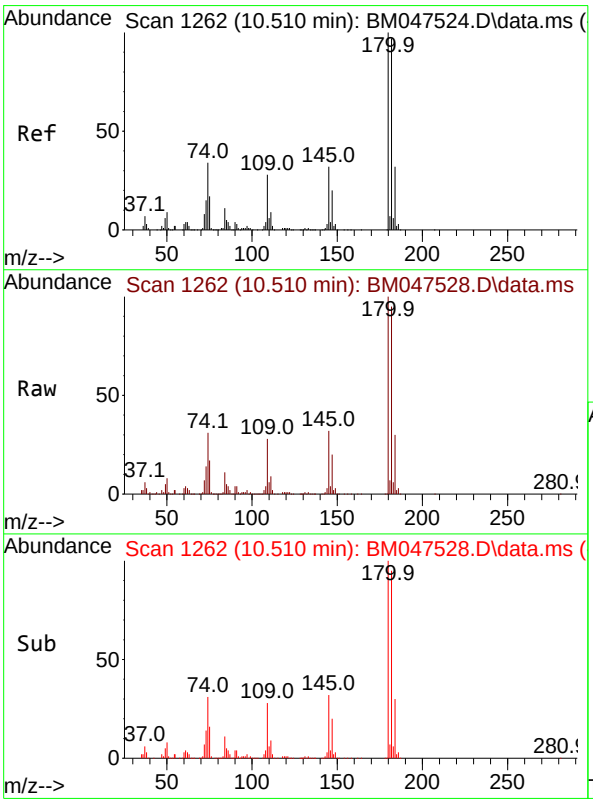
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.5	83.5
98	37.8	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

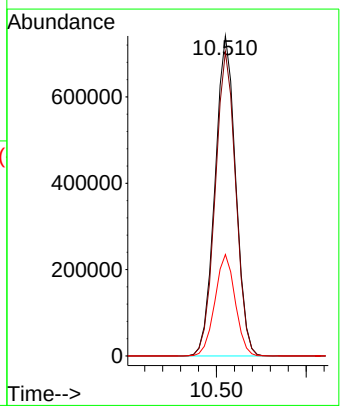
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

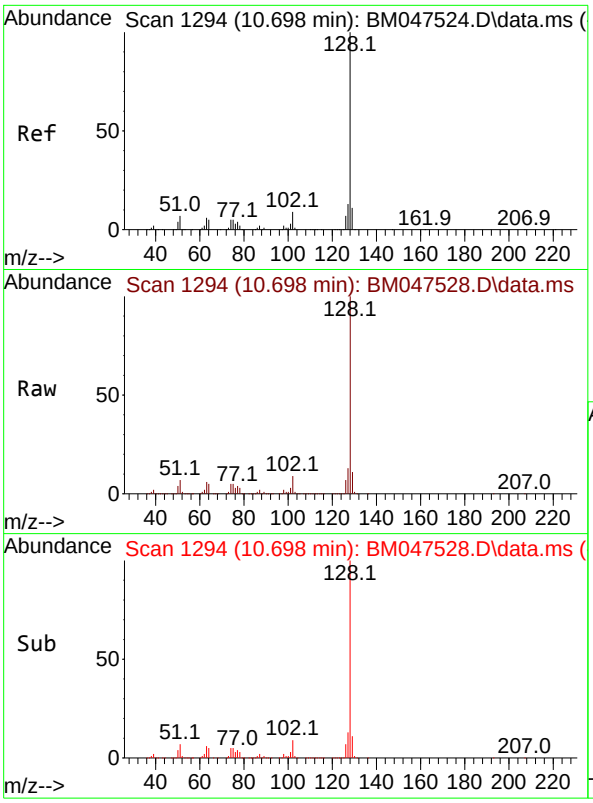


#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:180 Resp: 1183219

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.6	116.4
145	31.7	25.4	38.0

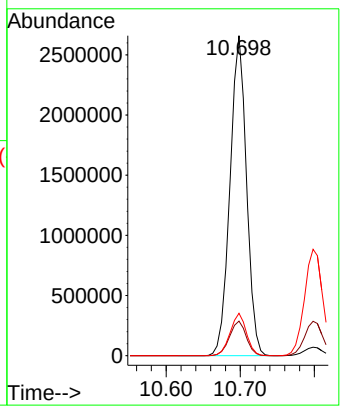




#31
Naphthalene
Concen: 39.330 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:128 Resp: 410902

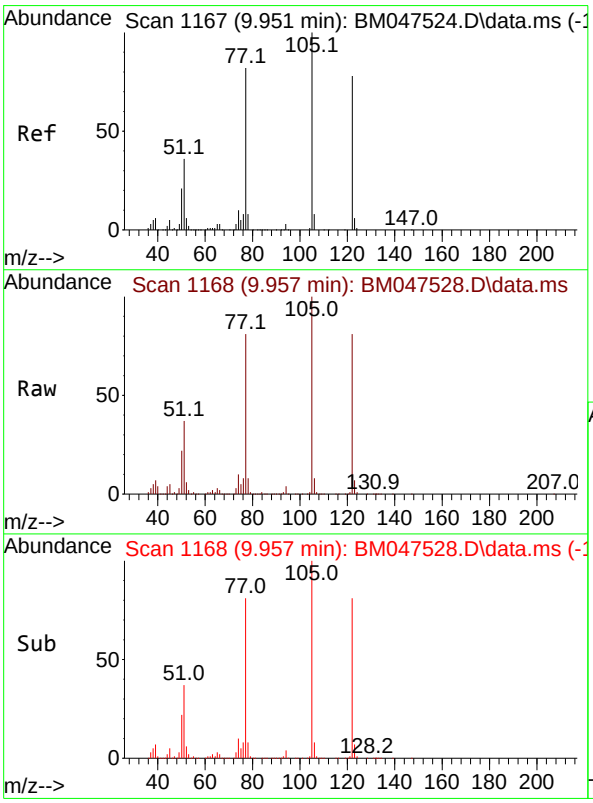
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.3	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

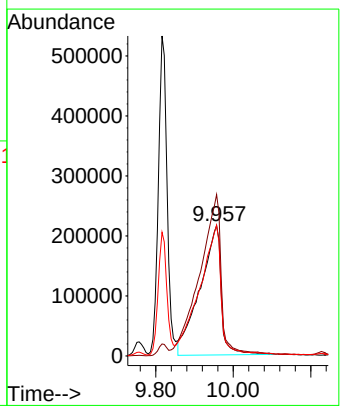
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

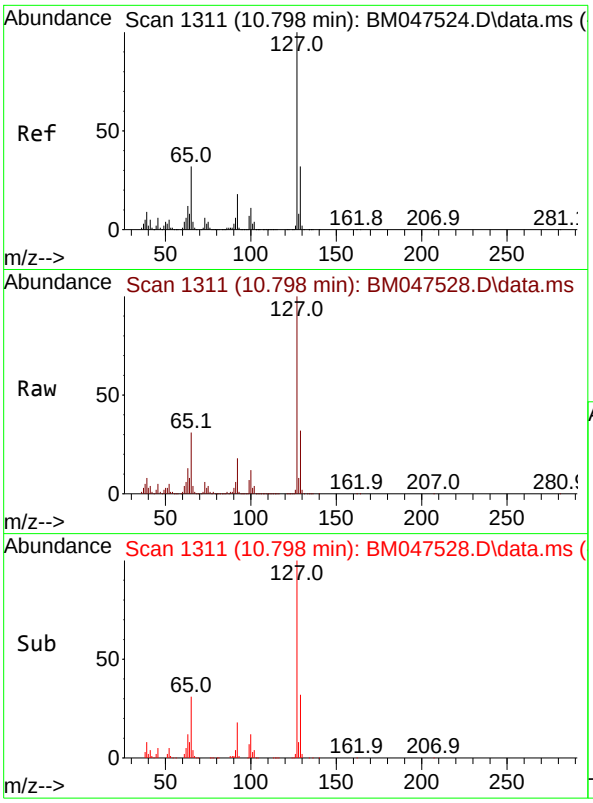


#32
Benzoic acid
Concen: 41.565 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:122 Resp: 819547

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.7	144.7
77	100.5	83.4	123.4

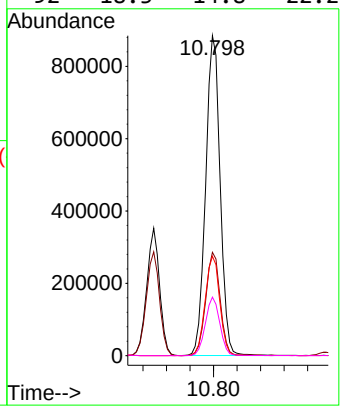




#33
4-Chloroaniline
Concen: 40.157 ng
RT: 10.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:127 Resp: 151687

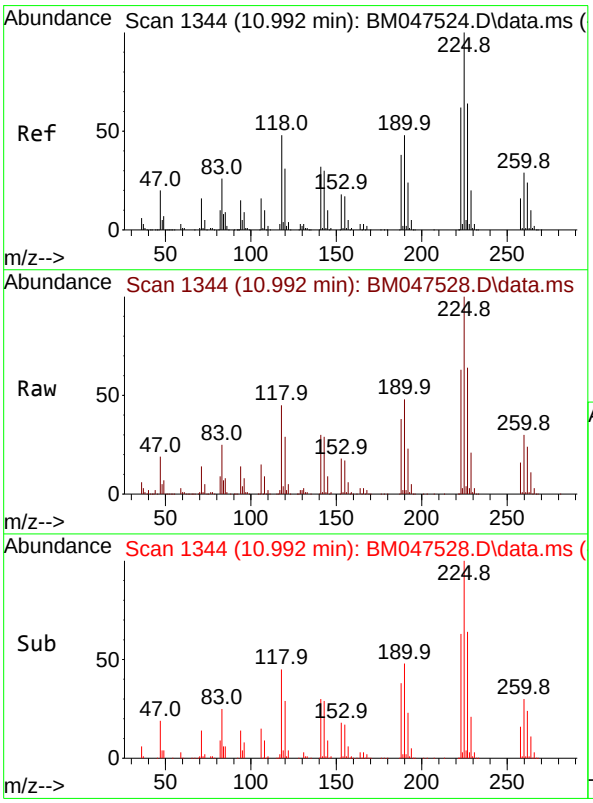
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	31.1	25.5	38.3
92	18.3	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

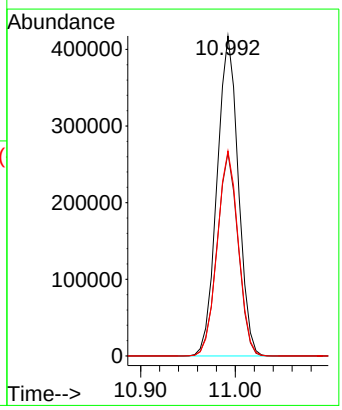
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

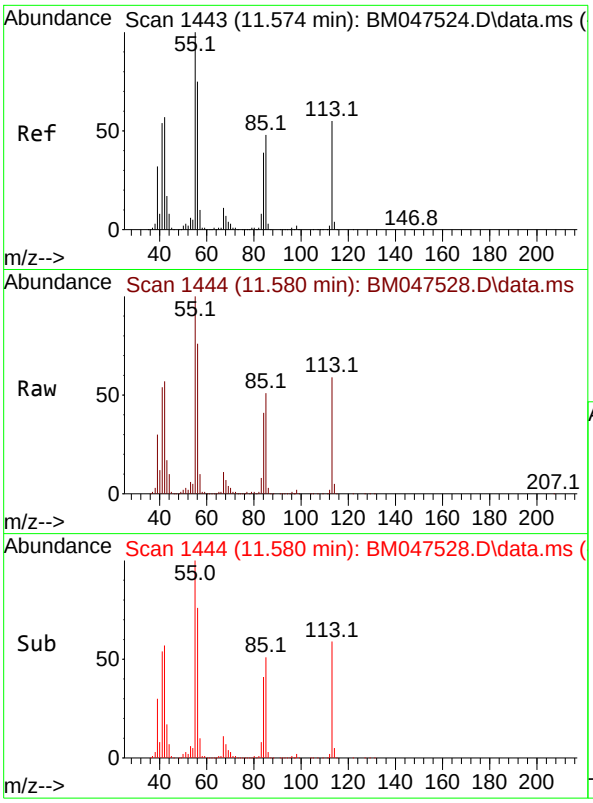


#34
Hexachlorobutadiene
Concen: 39.303 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:225 Resp: 650005

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	64.1	51.0	76.4

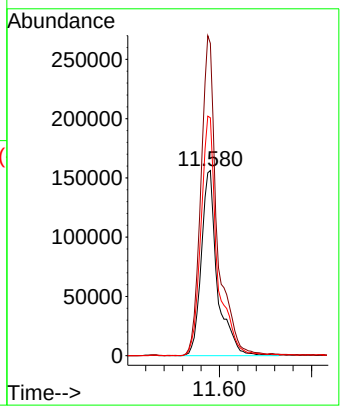




#35
Caprolactam
Concen: 44.462 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:113 Resp: 38173

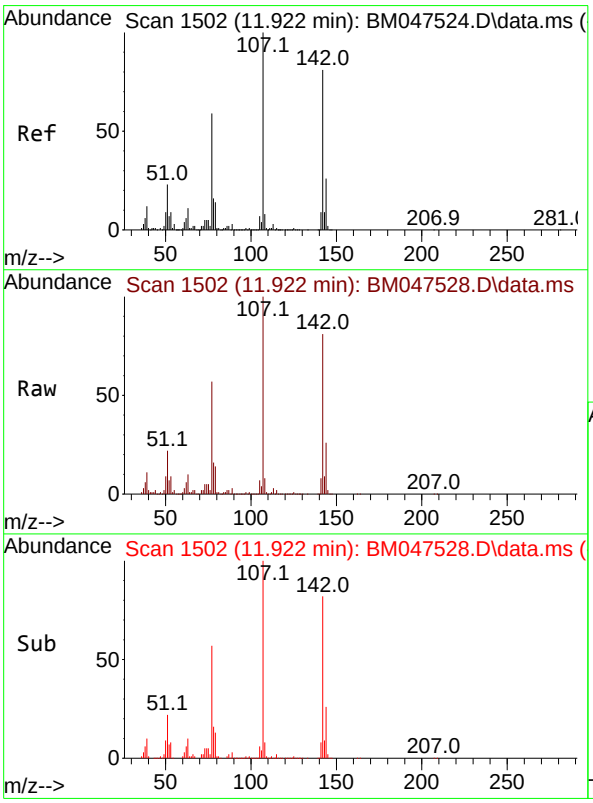
Ion	Ratio	Lower	Upper
113	100		
55	168.7	162.5	202.5
56	128.5	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

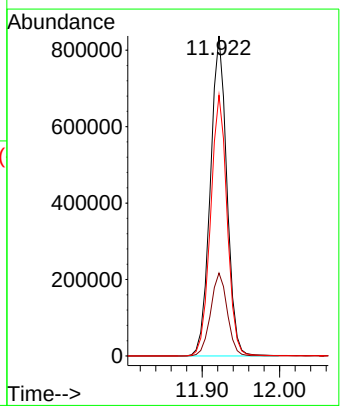
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

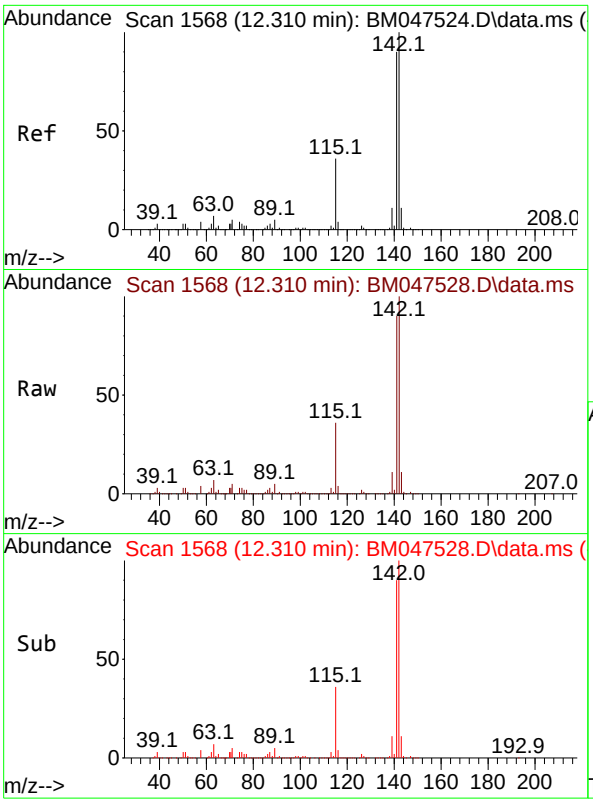


#36
4-Chloro-3-methylphenol
Concen: 41.503 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:107 Resp: 1239823

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	81.5	65.0	97.4

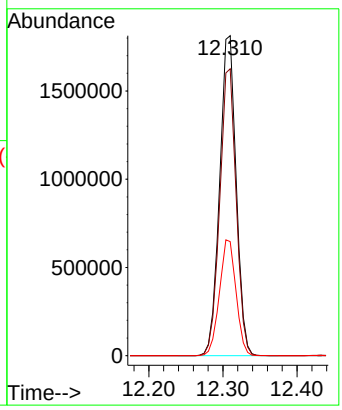




#37
2-Methylnaphthalene
Concen: 40.287 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:142 Resp: 280132

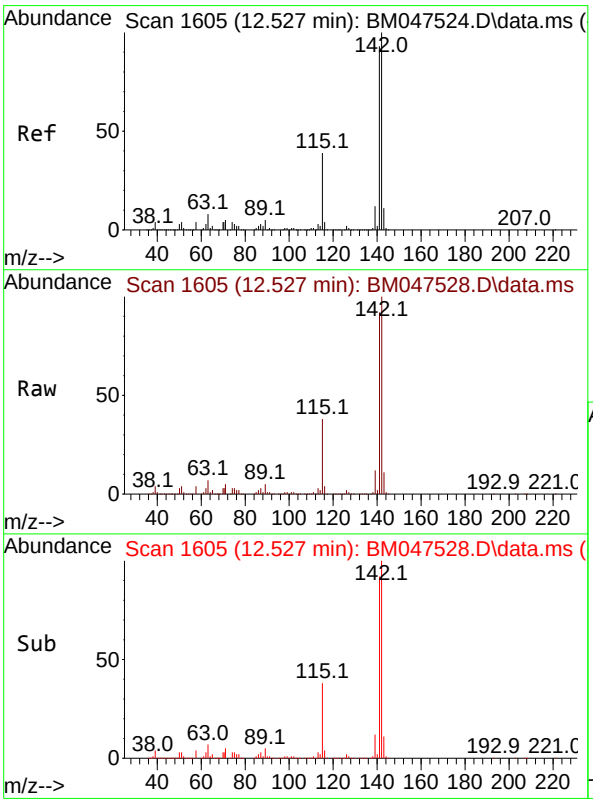
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4
115	35.7	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

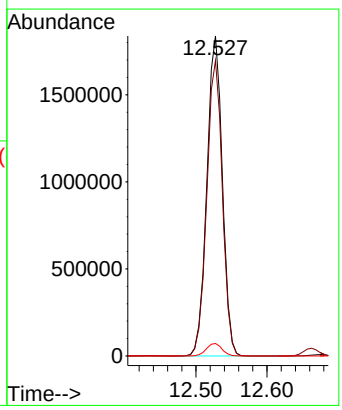
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

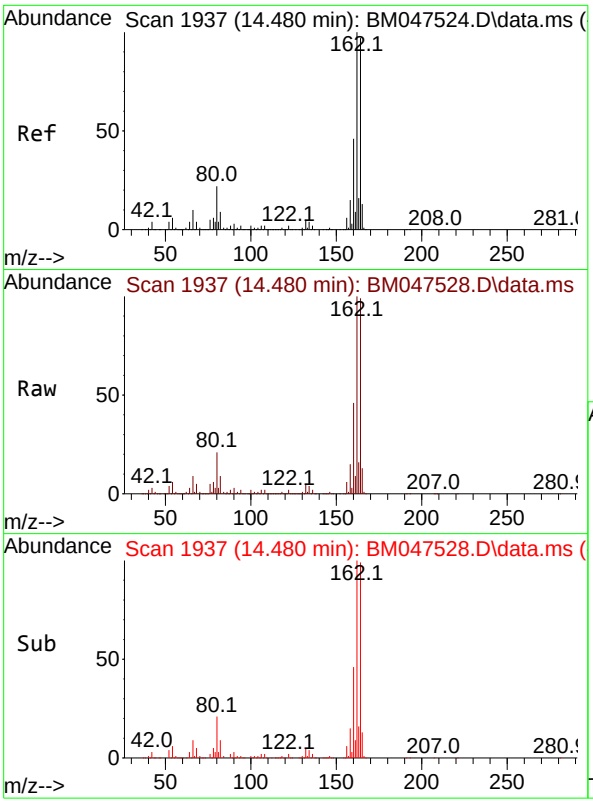


#38
1-Methylnaphthalene
Concen: 40.366 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:142 Resp: 2789337

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.7	112.1
116	3.9	3.2	4.8

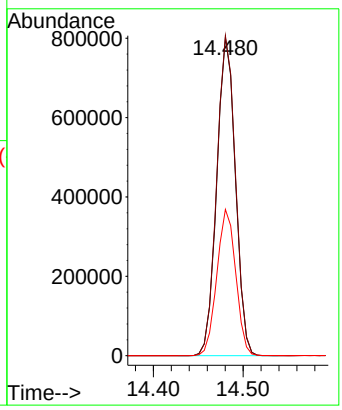




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:164 Resp: 115579

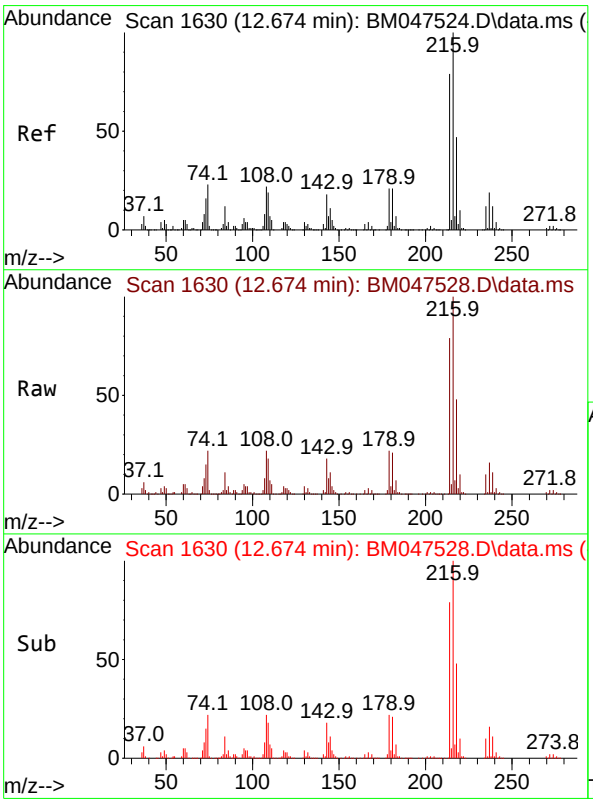
Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	46.0	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

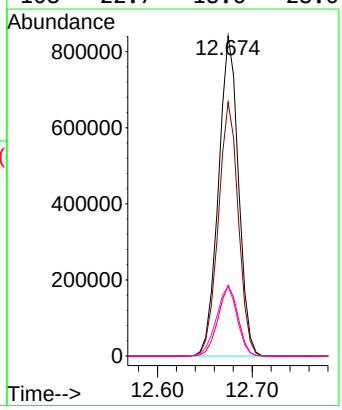
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

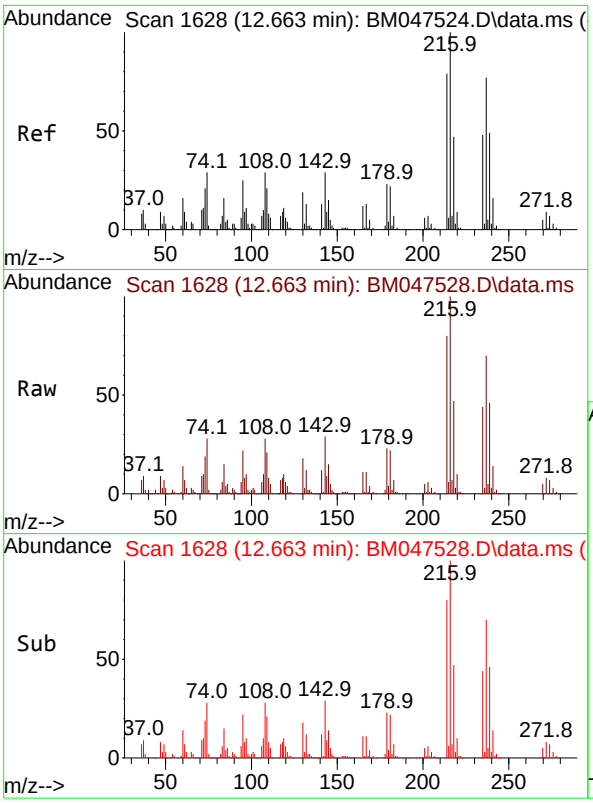


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.423 ng
RT: 12.674 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:216 Resp: 1232956

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	21.9	17.5	26.3
108	22.7	18.6	28.0

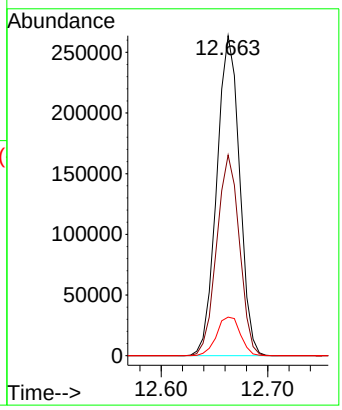




#41
Hexachlorocyclopentadiene
Concen: 38.330 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:237 Resp: 39188

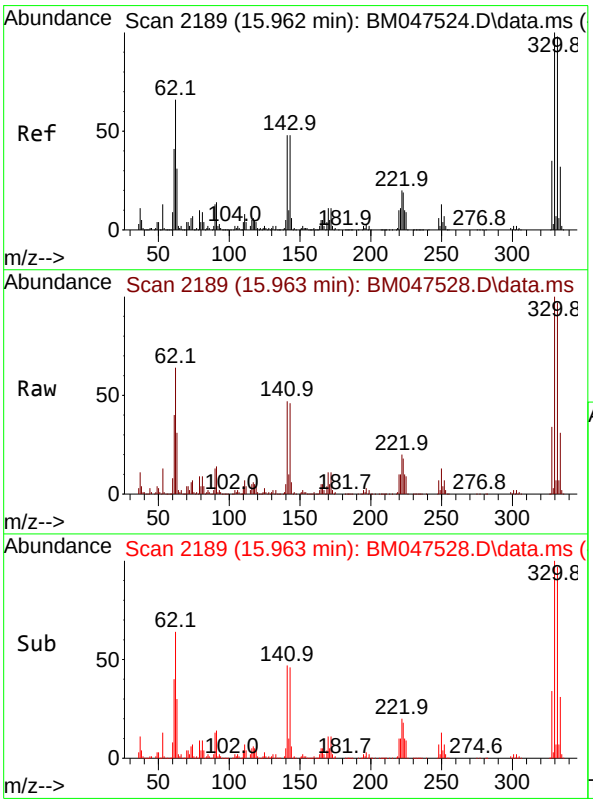
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	12.0	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

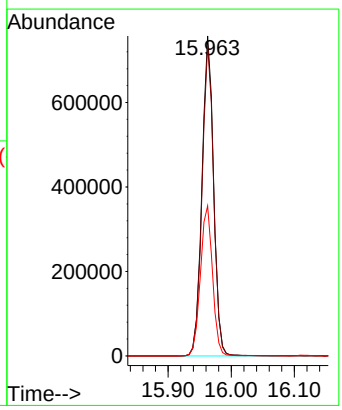
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

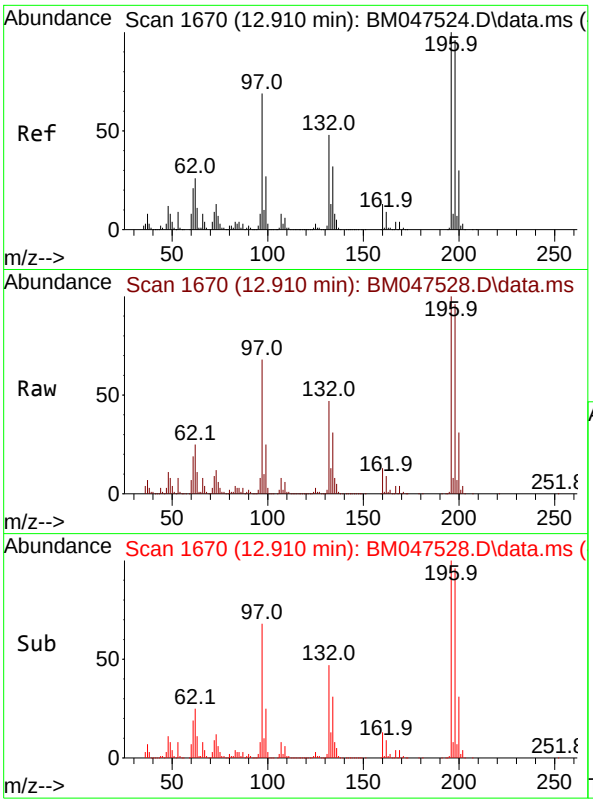


#42
2,4,6-Tribromophenol
Concen: 86.666 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:330 Resp: 968206

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	48.9	42.2	63.2

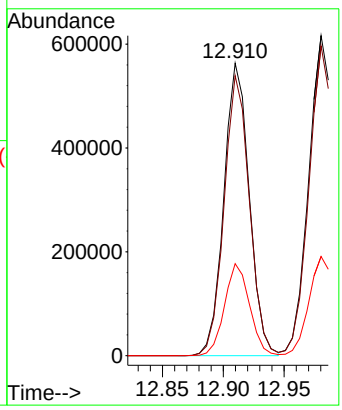




#43
2,4,6-Trichlorophenol
Concen: 41.805 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:196 Resp: 81911

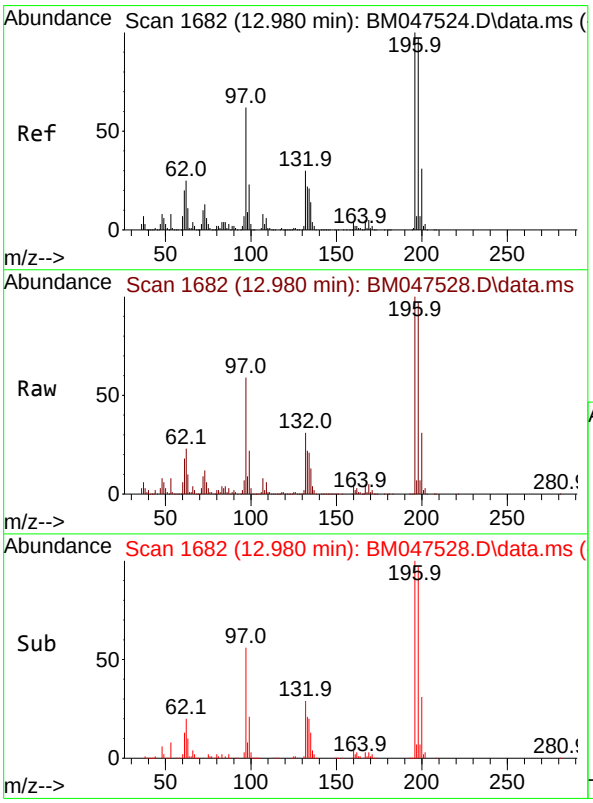
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.9	115.3
200	31.5	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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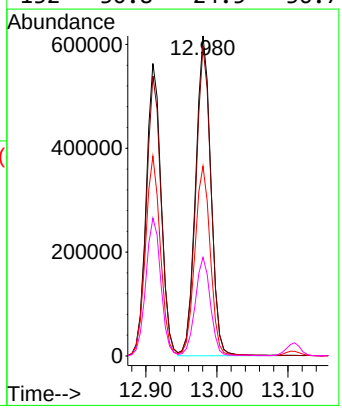
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

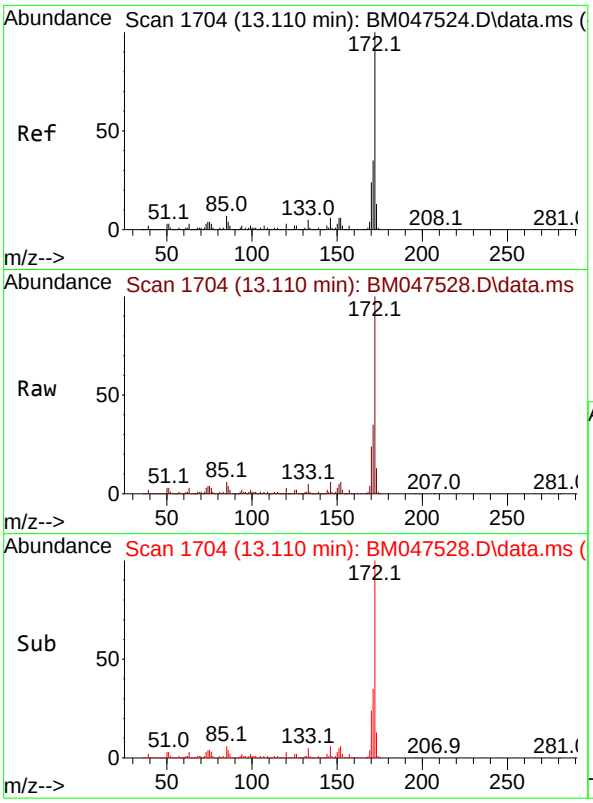


#44
2,4,5-Trichlorophenol
Concen: 41.595 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:196 Resp: 920532

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.4	116.2
97	59.3	49.8	74.8
132	30.8	24.5	36.7

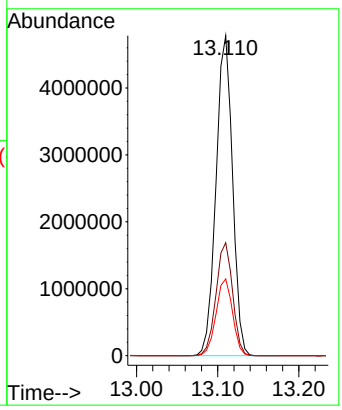




#45
2-Fluorobiphenyl
Concen: 80.575 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:172 Resp: 676049

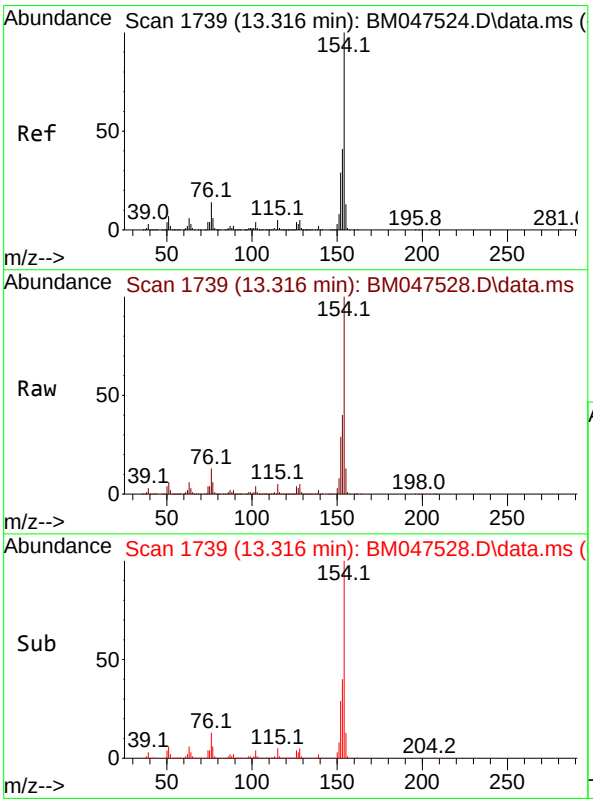
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	24.0	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

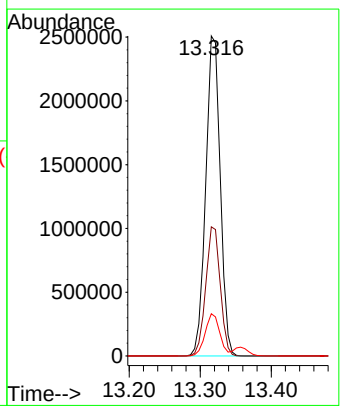
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

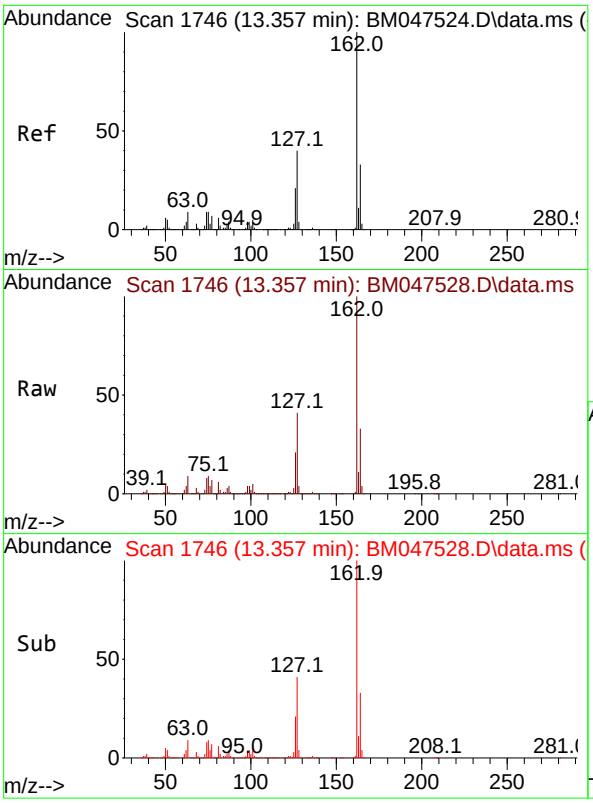


#46
1,1'-Biphenyl
Concen: 39.616 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:154 Resp: 3562522

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	13.2	0.0	33.9

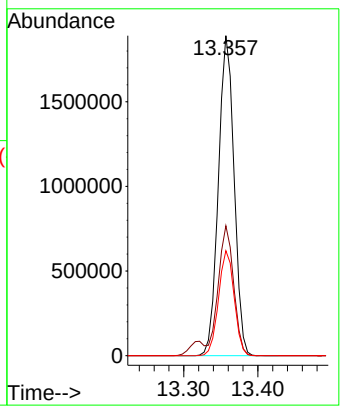




#47
2-Chloronaphthalene
Concen: 39.789 ng
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:162 Resp: 277829

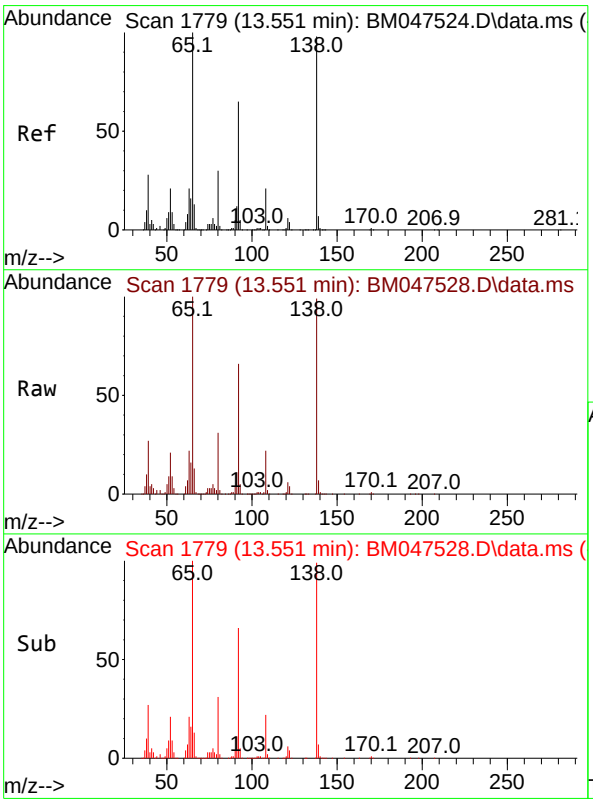
Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.4
164	32.8	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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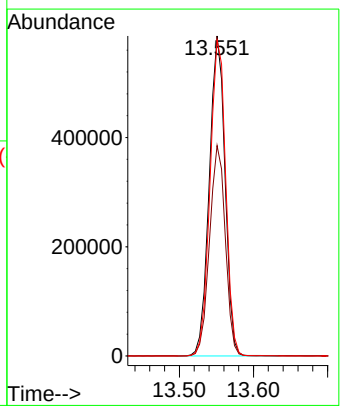
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

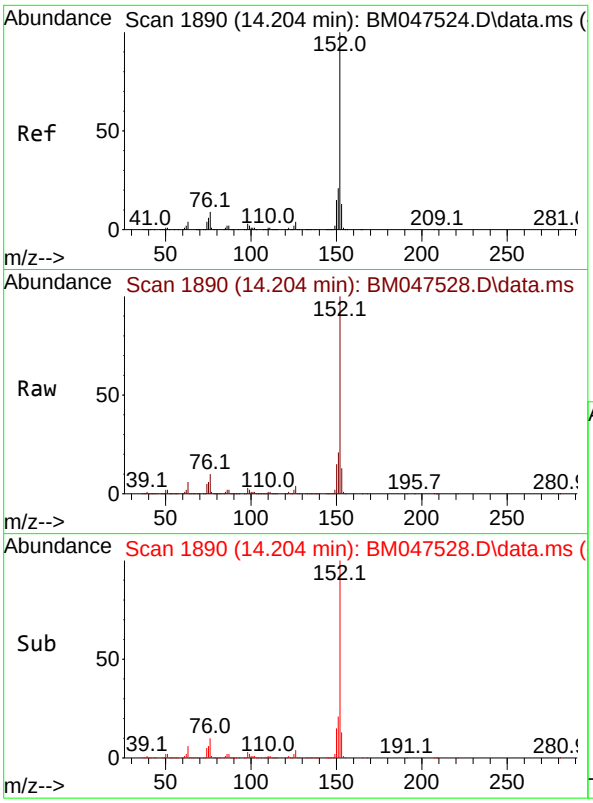


#48
2-Nitroaniline
Concen: 42.070 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 65 Resp: 862825

Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.9	77.9
138	98.8	78.5	117.7

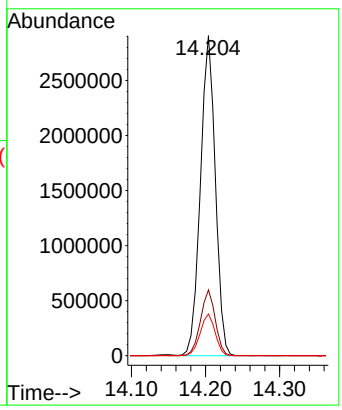




#49
Acenaphthylene
Concen: 40.313 ng
RT: 14.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:152 Resp: 406212

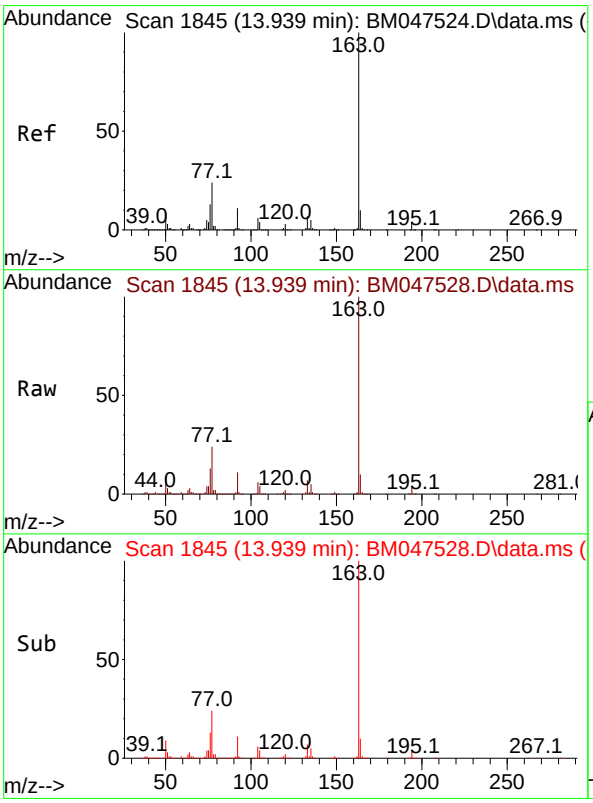
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

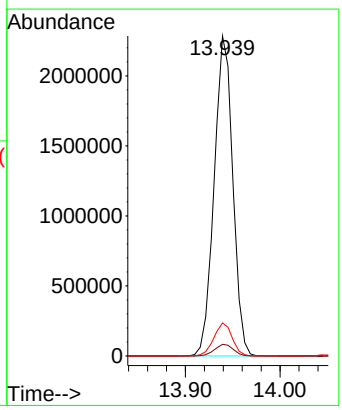
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

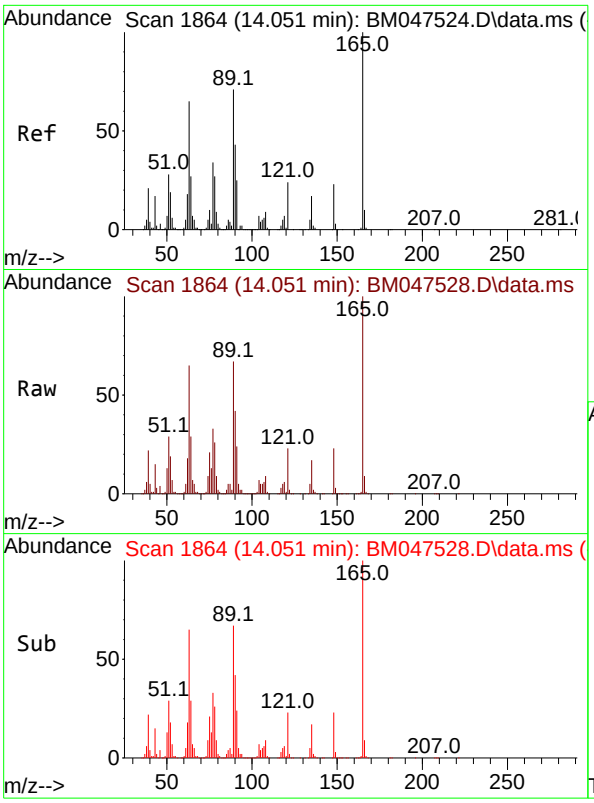


#50
Dimethylphthalate
Concen: 39.733 ng
RT: 13.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:163 Resp: 3130077

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.3	7.9	11.9

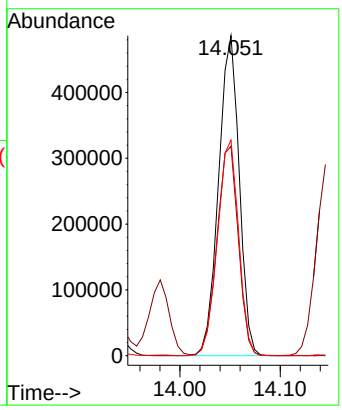




#51
2,6-Dinitrotoluene
Concen: 41.664 ng
RT: 14.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:165 Resp: 69288

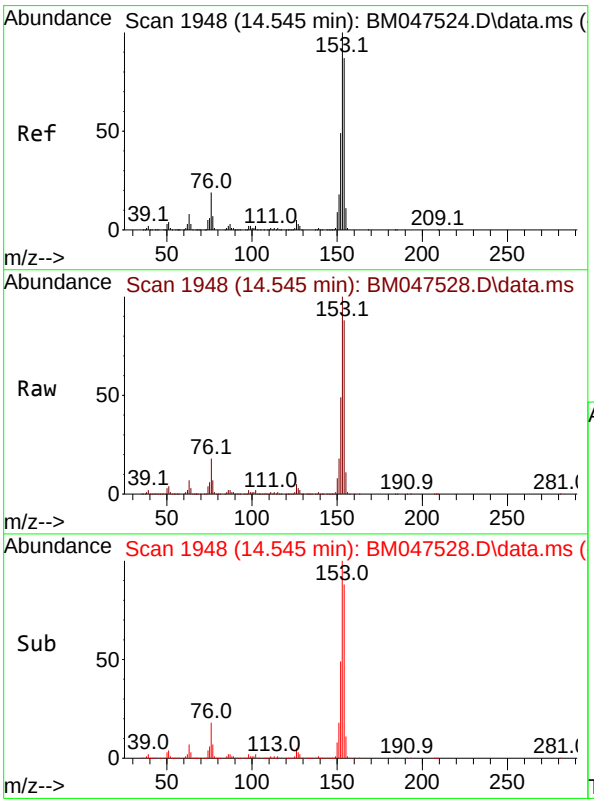
Ion	Ratio	Lower	Upper
165	100		
63	65.5	54.2	81.2
89	67.4	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

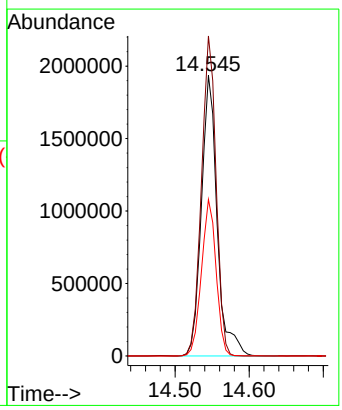
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

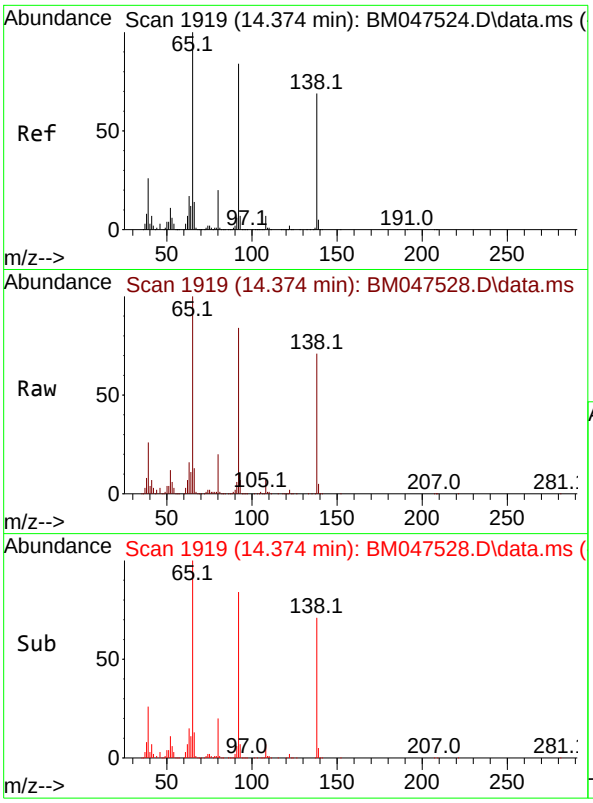


#52
Acenaphthene
Concen: 40.442 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:154 Resp: 2855304

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.2	138.2
152	55.8	45.4	68.0

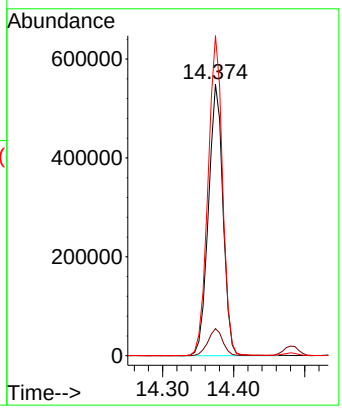




#53
3-Nitroaniline
Concen: 42.236 ng
RT: 14.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:138 Resp: 78070

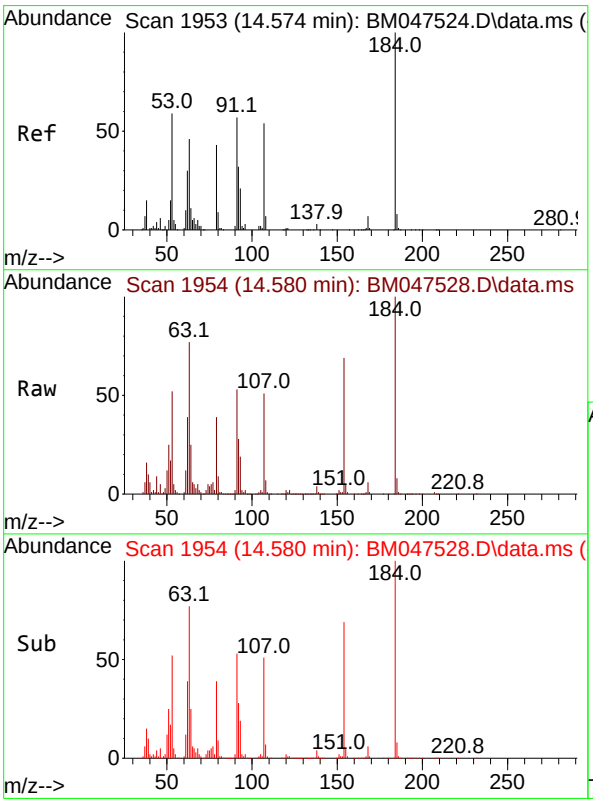
Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	117.9	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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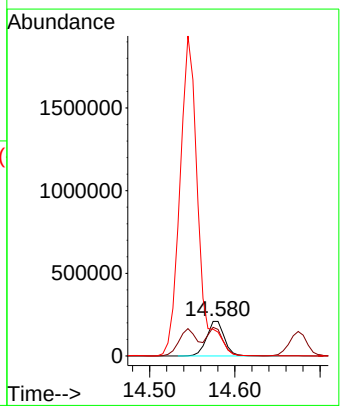
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

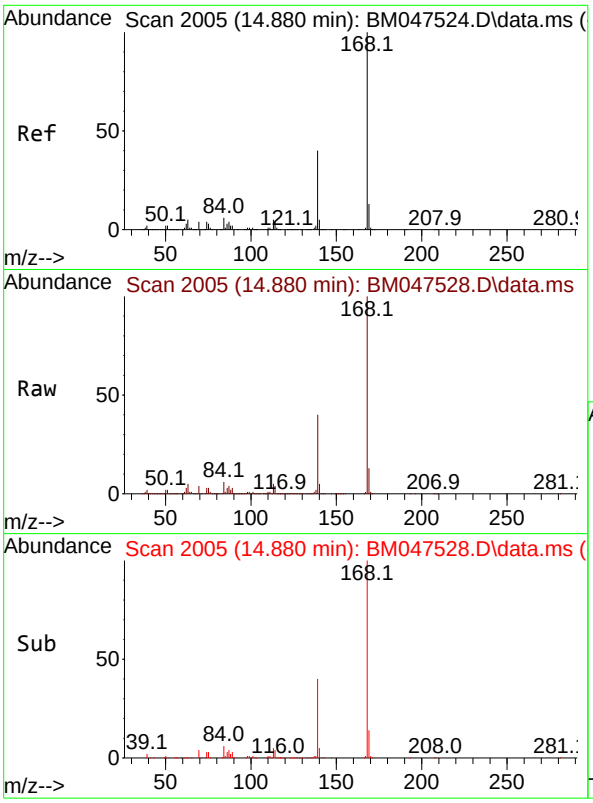


#54
2,4-Dinitrophenol
Concen: 41.320 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:184 Resp: 303273

Ion	Ratio	Lower	Upper
184	100		
63	76.9	69.4	104.0
154	68.7	60.4	90.6

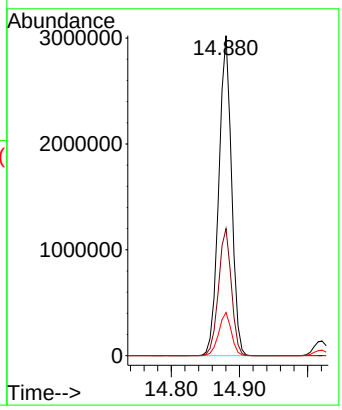




#55
Dibenzofuran
Concen: 39.603 ng
RT: 14.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:168 Resp: 392908

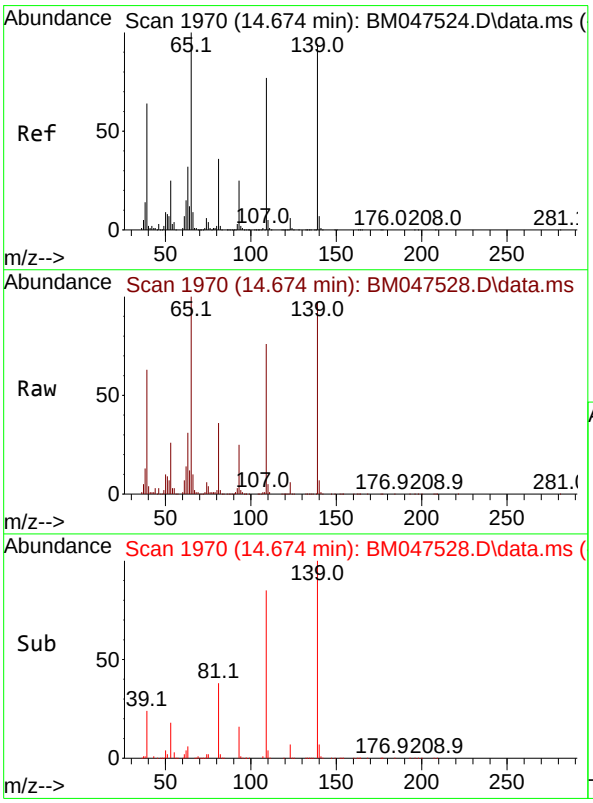
Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.9	47.9
169	13.5	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
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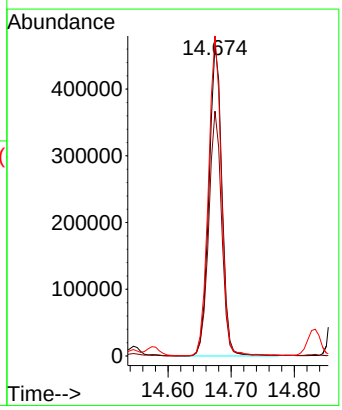
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

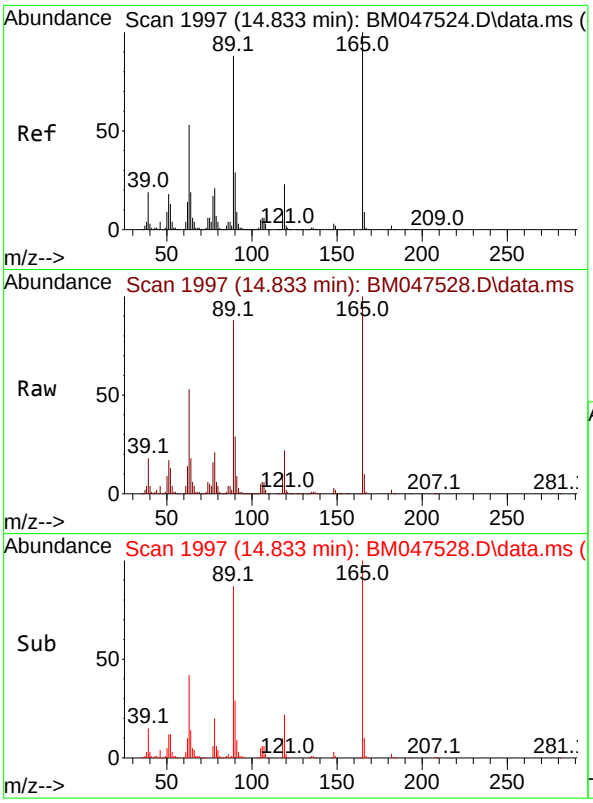


#56
4-Nitrophenol
Concen: 43.814 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:139 Resp: 666432

Ion	Ratio	Lower	Upper
139	100		
109	78.6	62.0	102.0
65	102.7	87.0	127.0

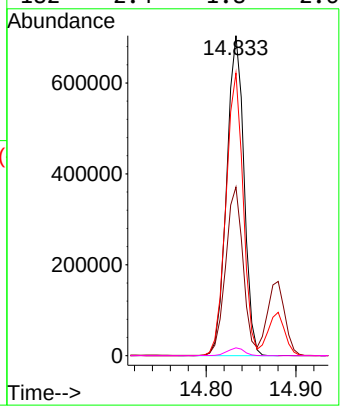




#57
2,4-Dinitrotoluene
Concen: 42.569 ng
RT: 14.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:165 Resp: 94415

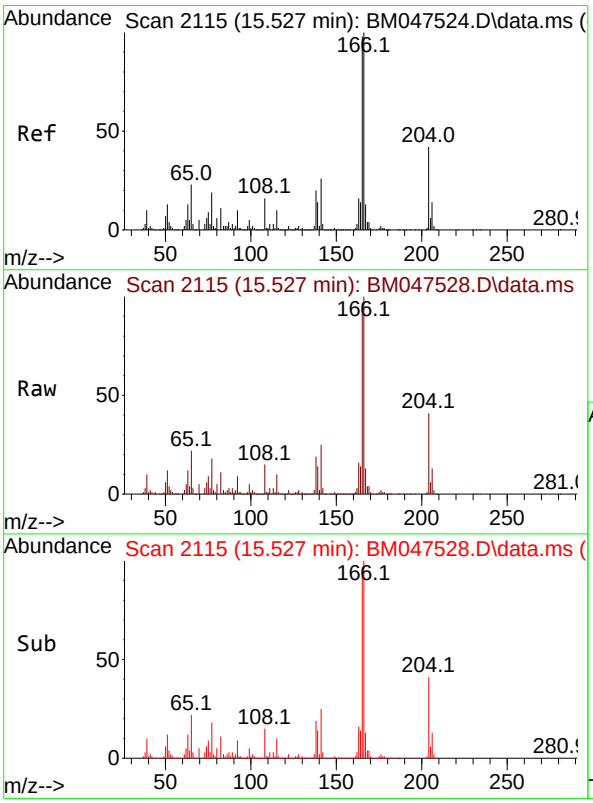
Ion	Ratio	Lower	Upper
165	100		
63	52.7	42.4	63.6
89	88.3	70.5	105.7
182	2.4	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

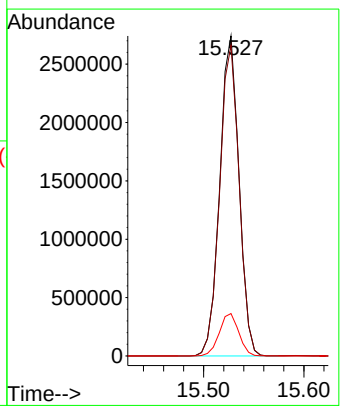
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

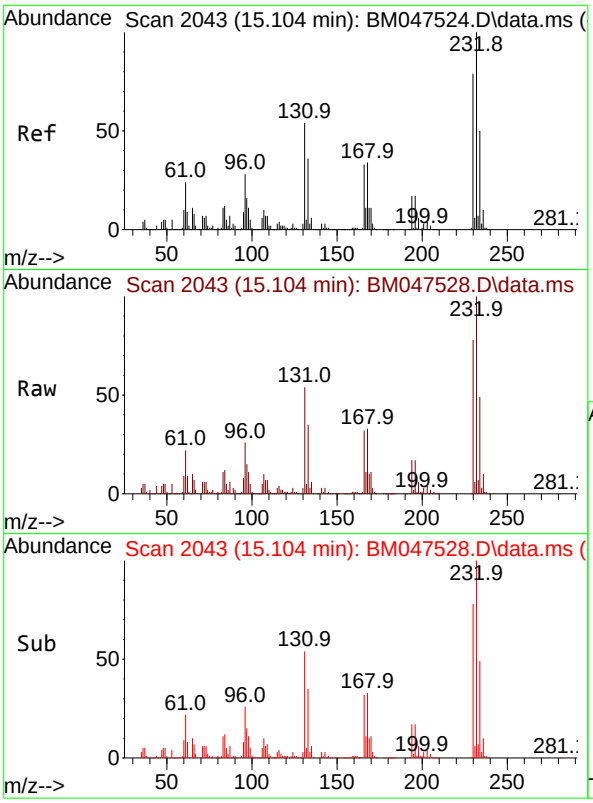


#58
Fluorene
Concen: 40.896 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:166 Resp: 3652975

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	13.2	10.7	16.1

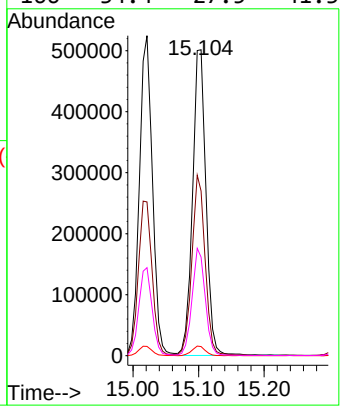




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.395 ng
RT: 15.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:232 Resp: 71425

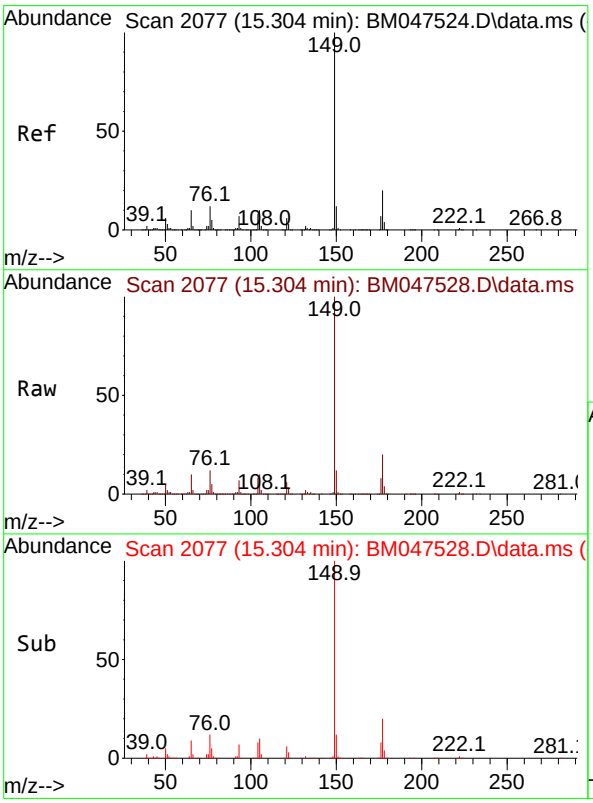
Ion	Ratio	Lower	Upper
232	100		
131	58.1	47.0	70.4
130	3.2	2.6	3.8
166	34.4	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

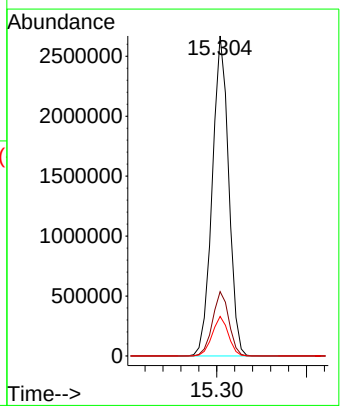
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

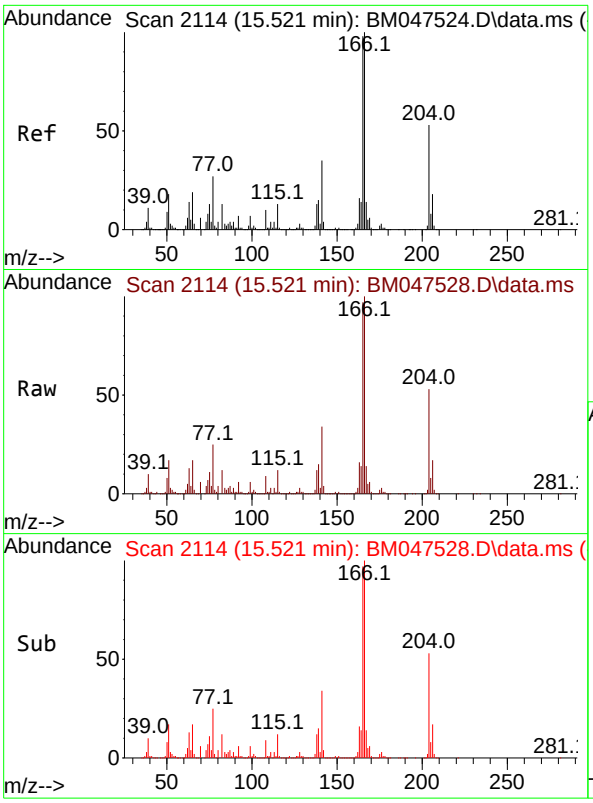


#60
Diethylphthalate
Concen: 40.482 ng
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:149 Resp: 3394013

Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.8	23.8
150	12.3	9.7	14.5

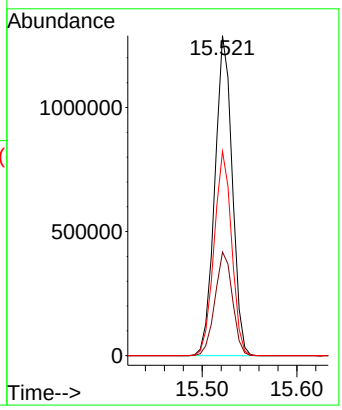




#61
4-Chlorophenyl-phenylether
Concen: 40.407 ng
RT: 15.521 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:204 Resp: 165031

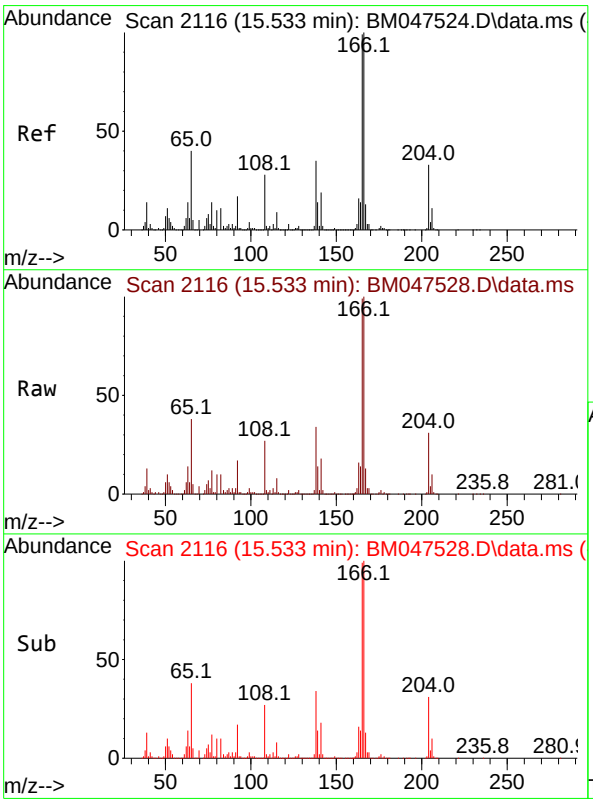
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	63.8	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

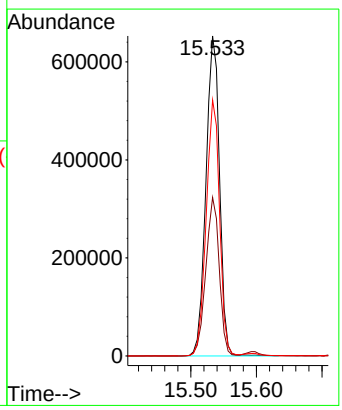
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

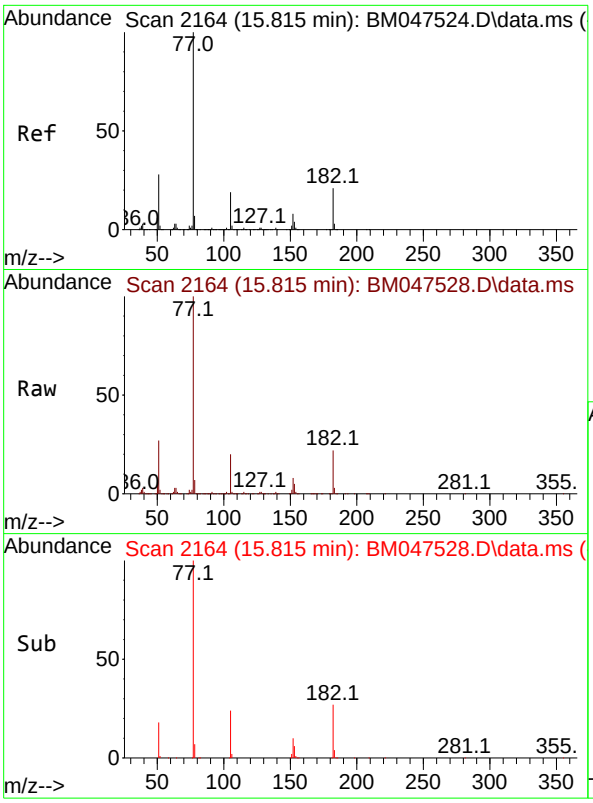


#62
4-Nitroaniline
Concen: 43.422 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:138 Resp: 943457

Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.0	70.0
108	80.0	61.7	101.7

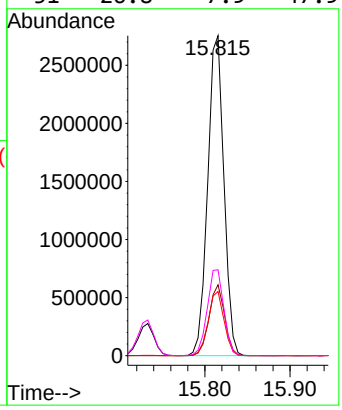




#63
Azobenzene
Concen: 39.412 ng
RT: 15.815 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 77 Resp: 363840

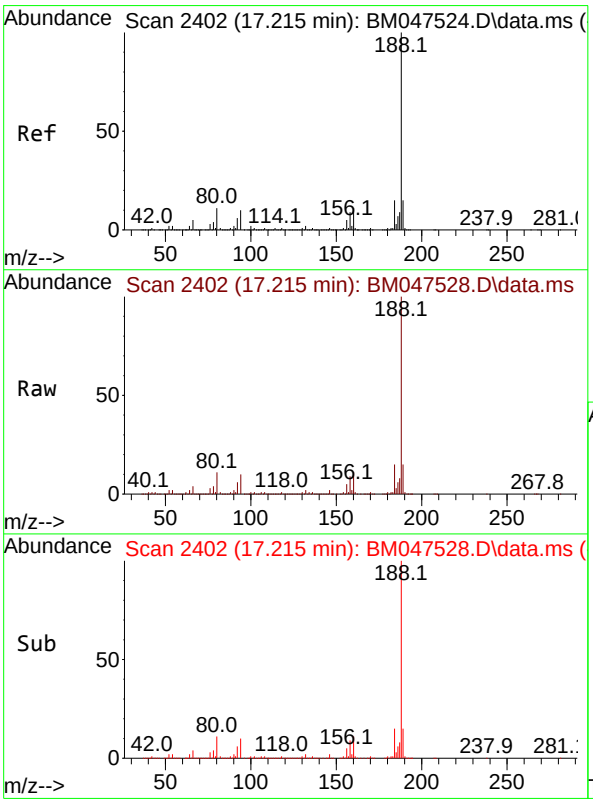
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	20.0	0.0	39.4
51	26.8	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

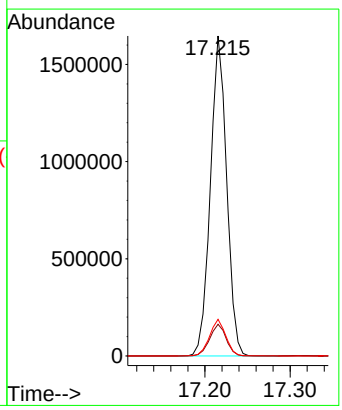
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

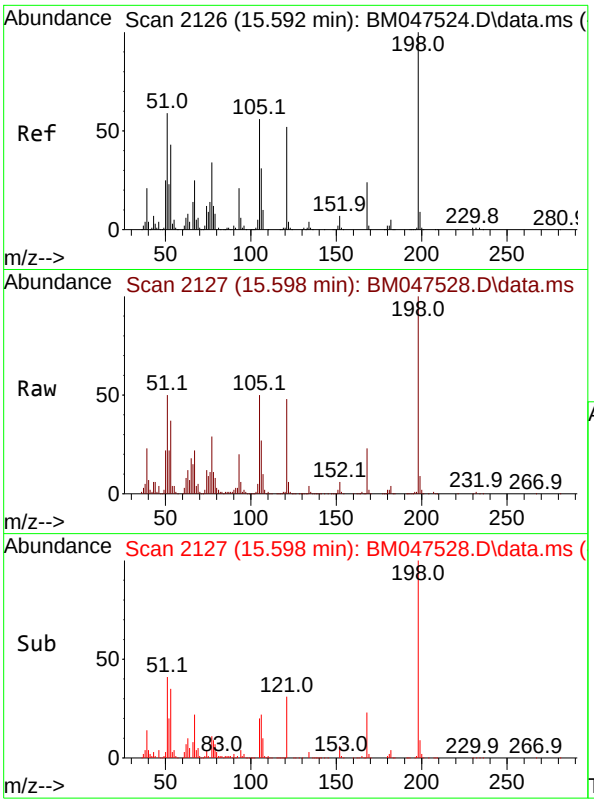


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:188 Resp: 2184120

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	11.4	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 39.815 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

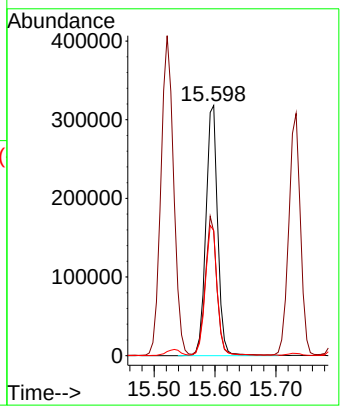
Tgt Ion:198 Resp: 42692

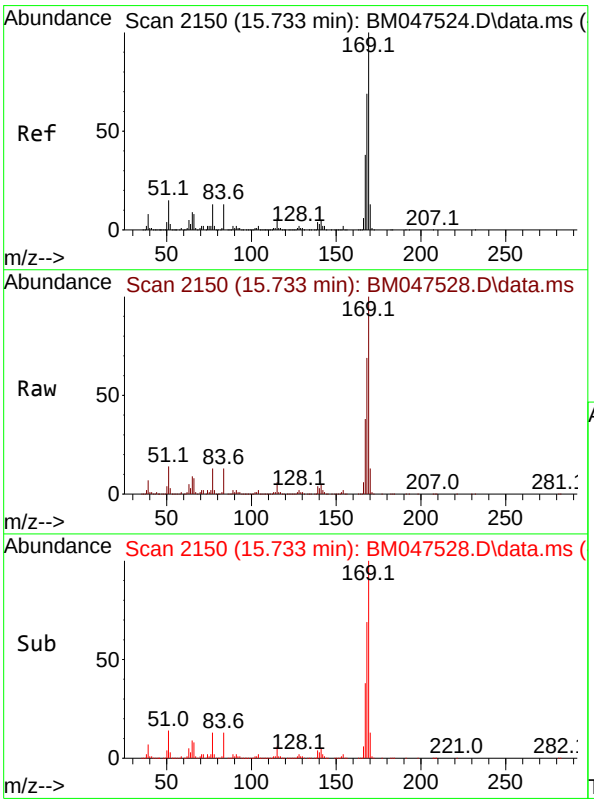
Ion	Ratio	Lower	Upper
198	100		
51	49.6	41.5	81.5
105	50.1	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

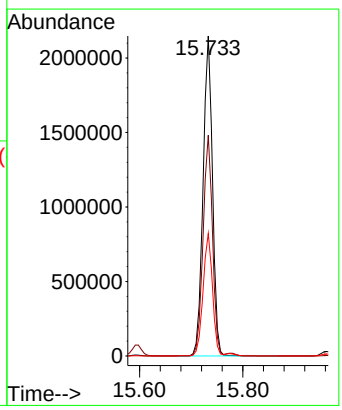


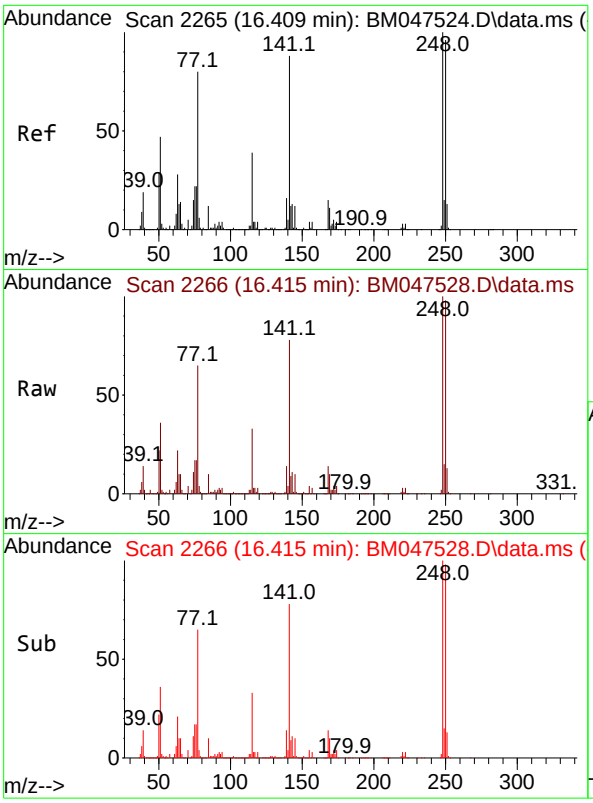


#66
n-Nitrosodiphenylamine
Concen: 40.550 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:169 Resp: 2709417

Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.3	82.9
167	38.3	30.5	45.7

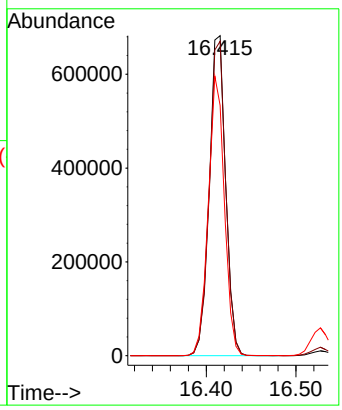




#67
4-Bromophenyl-phenylether
Concen: 40.870 ng
RT: 16.415 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:248 Resp: 86735

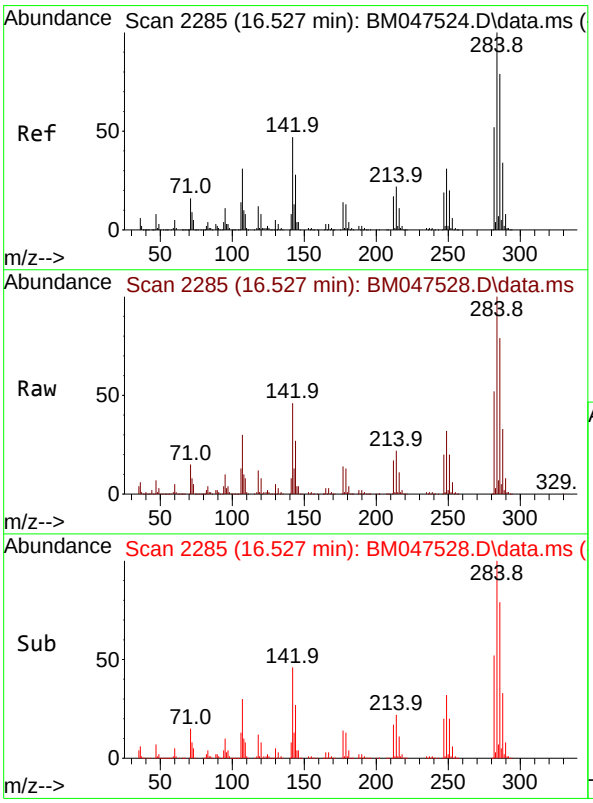
Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	78.2	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

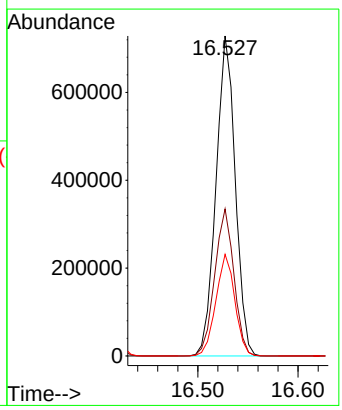
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

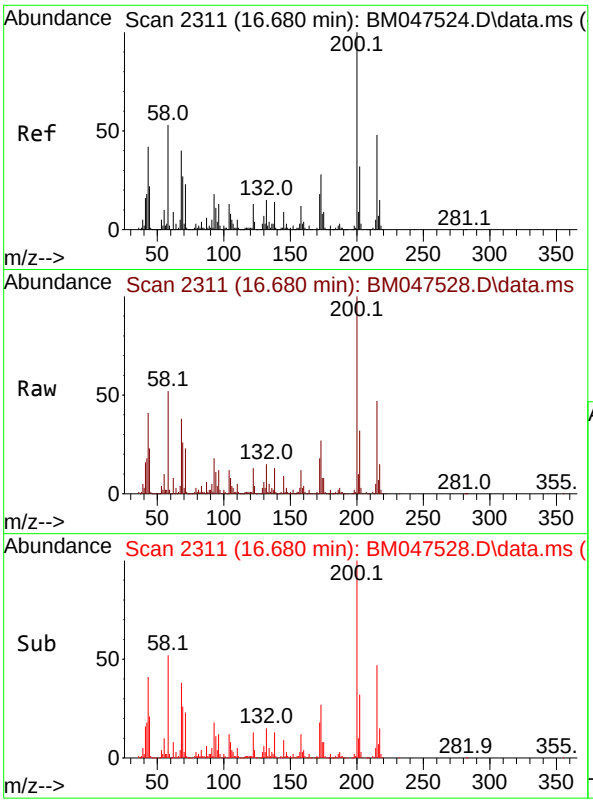


#68
Hexachlorobenzene
Concen: 40.377 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:284 Resp: 970735

Ion	Ratio	Lower	Upper
284	100		
142	45.9	37.3	55.9
249	31.8	24.5	36.7

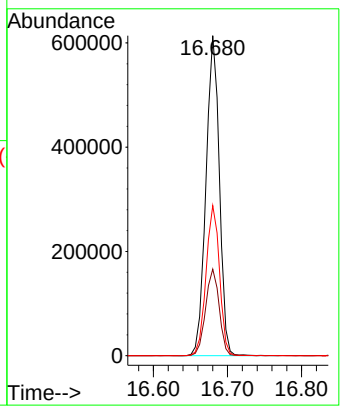




#69
Atrazine
Concen: 41.735 ng
RT: 16.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:200 Resp: 77074

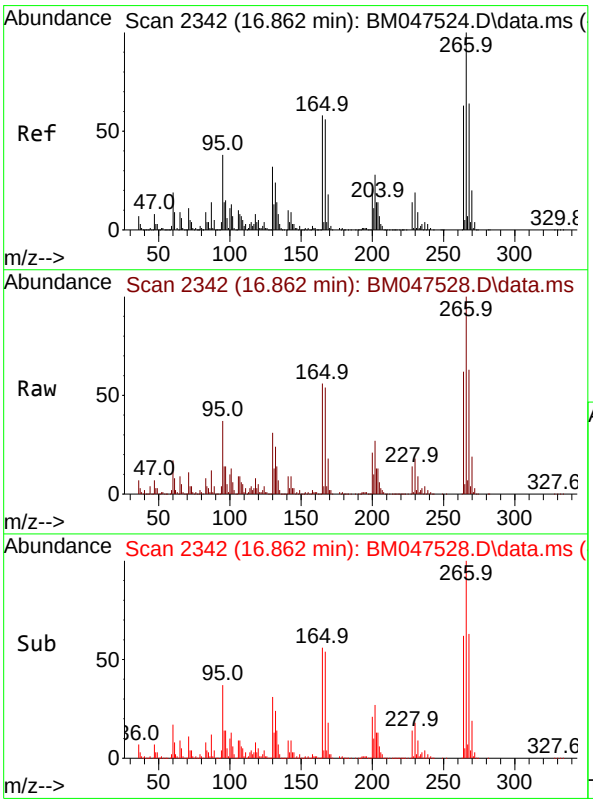
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.7	47.7
215	46.9	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

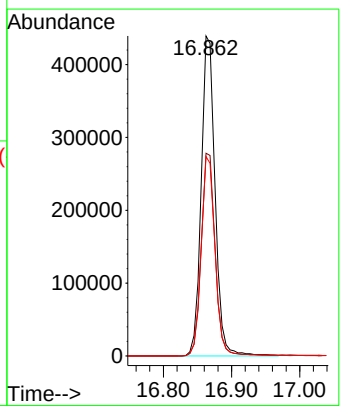
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

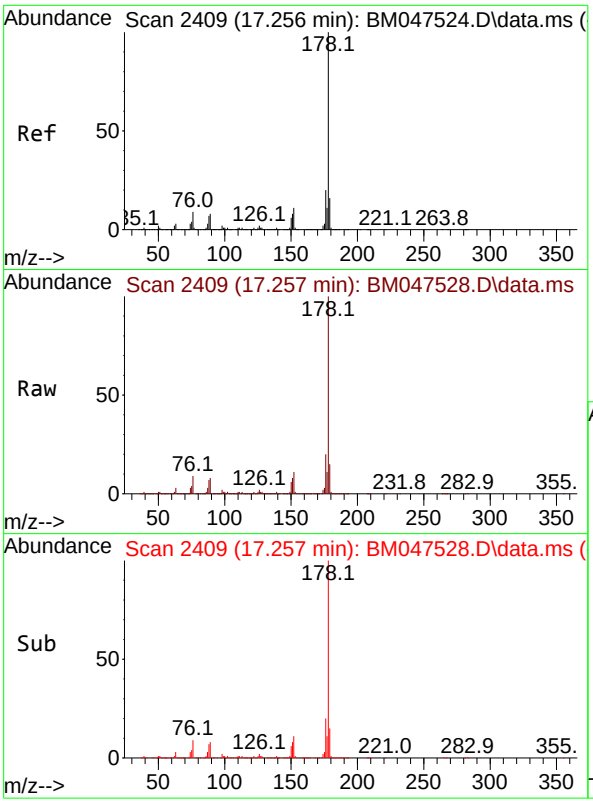


#70
Pentachlorophenol
Concen: 44.695 ng
RT: 16.862 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:266 Resp: 622891

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.0	76.4
264	62.3	50.4	75.6

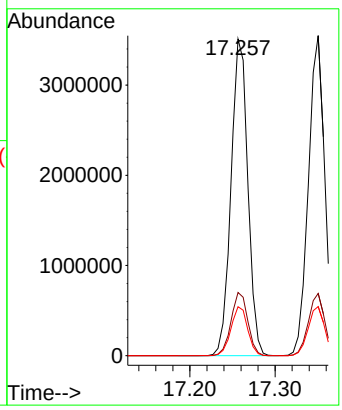




#71
Phenanthrene
Concen: 39.903 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:178 Resp: 480298

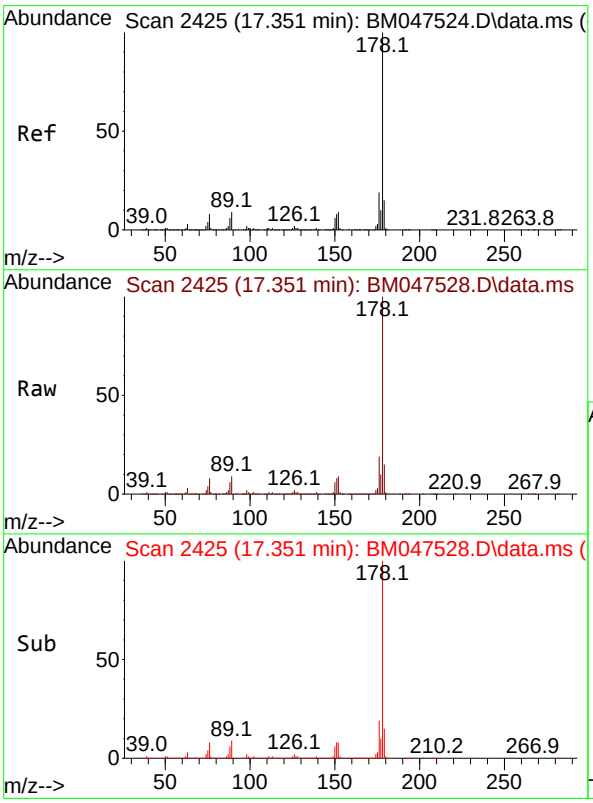
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.4	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

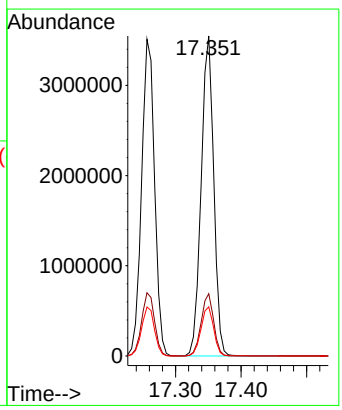
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

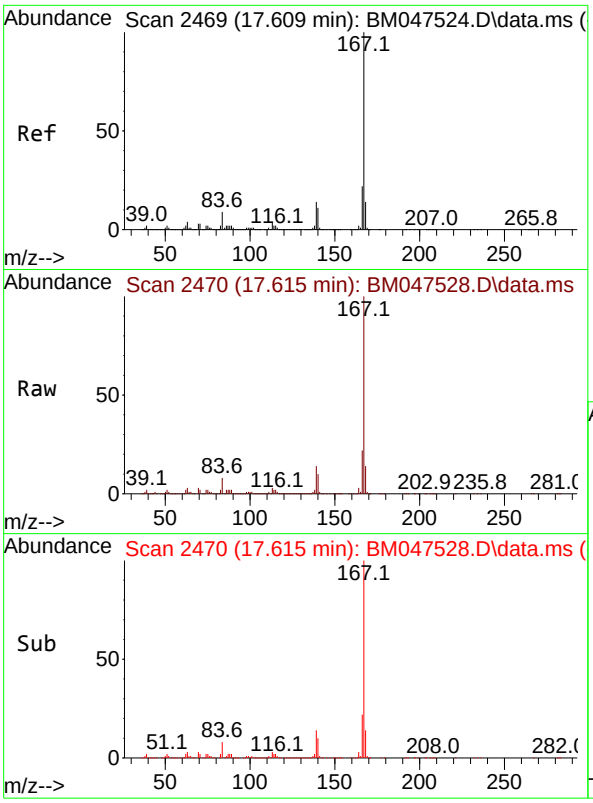


#72
Anthracene
Concen: 40.965 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:178 Resp: 4737394

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.3	18.5

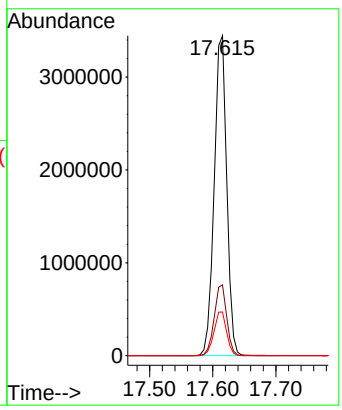




#73
Carbazole
Concen: 41.301 ng
RT: 17.615 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:167 Resp: 473327

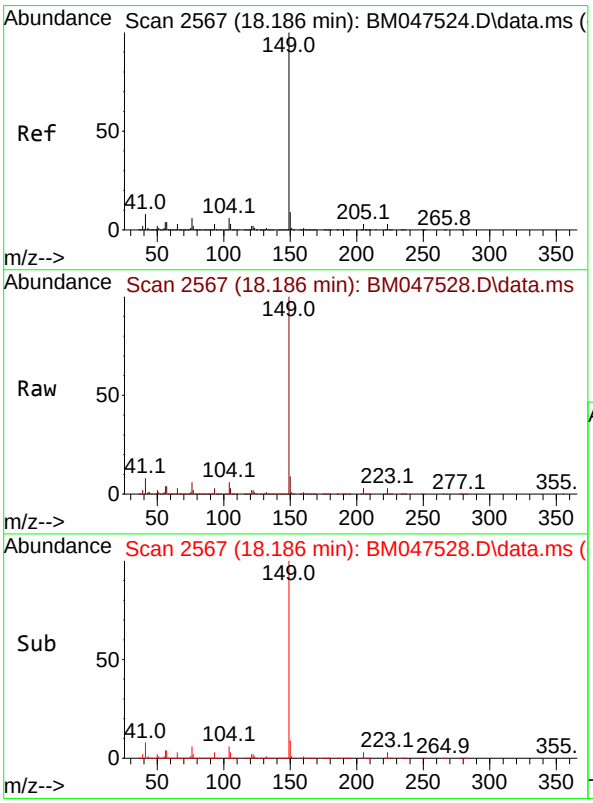
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	13.6	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

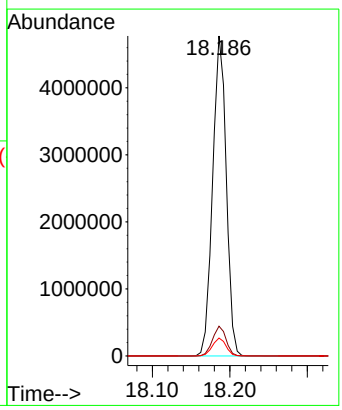
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

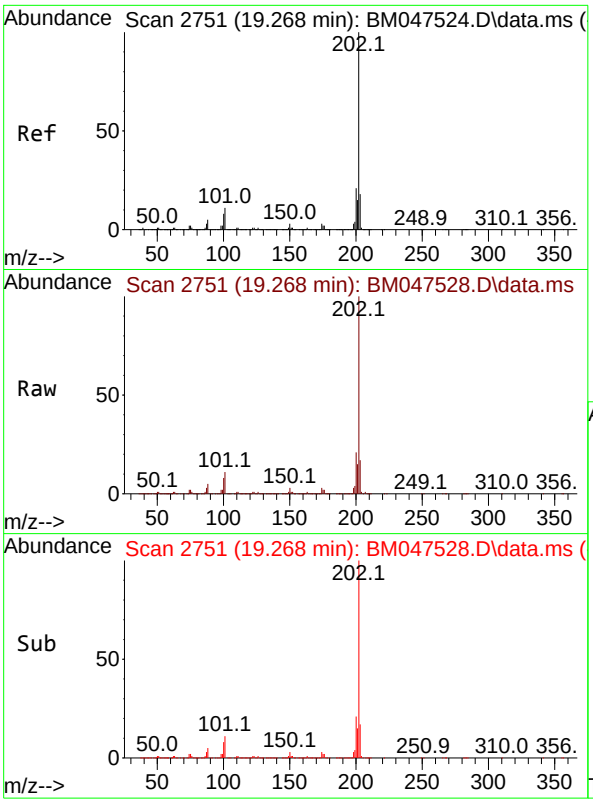


#74
Di-n-butylphthalate
Concen: 42.350 ng
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:149 Resp: 5807192

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.6	4.6	6.8

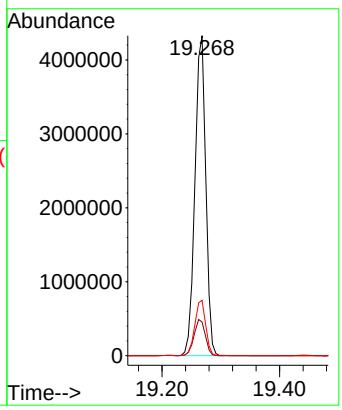




#75
Fluoranthene
Concen: 42.122 ng
RT: 19.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:202 Resp: 553183

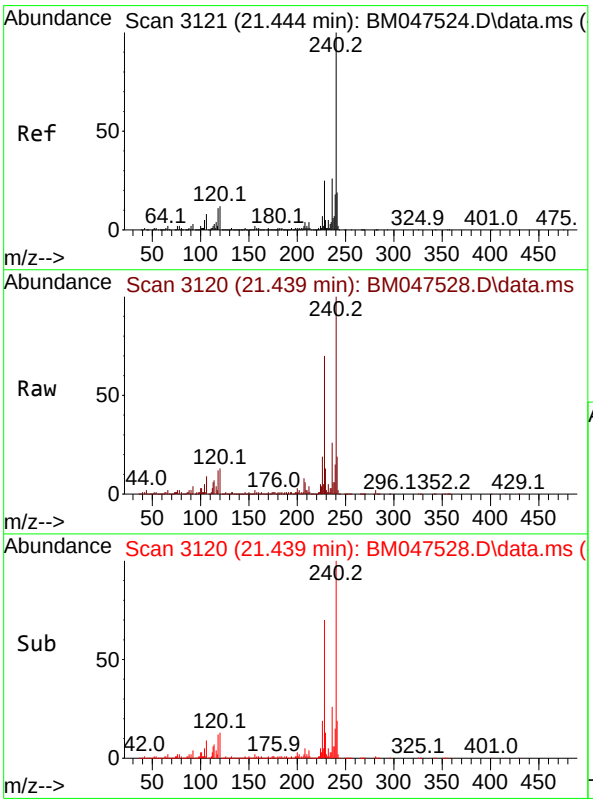
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.8
203	17.3	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

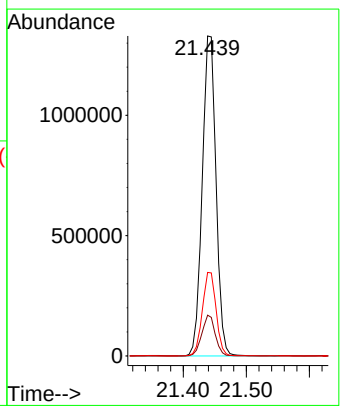
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

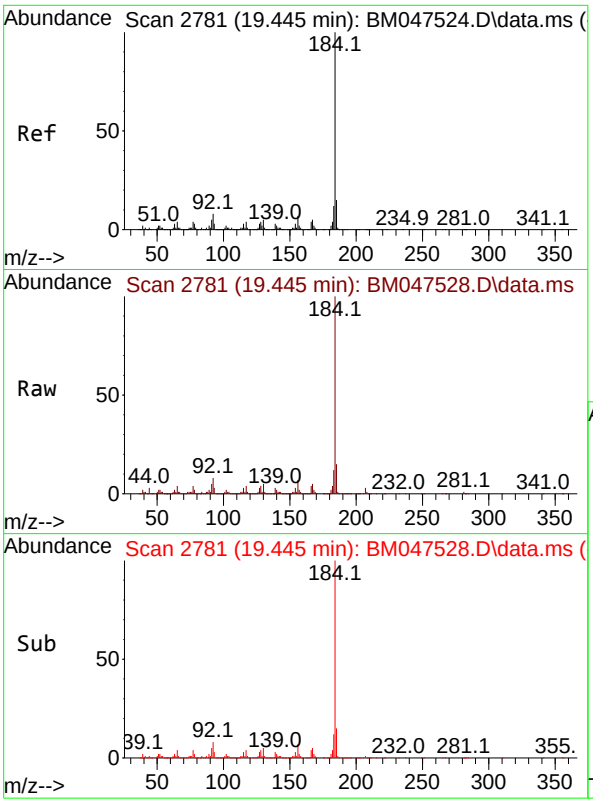


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:240 Resp: 2018814

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.6	14.4
236	26.1	20.9	31.3

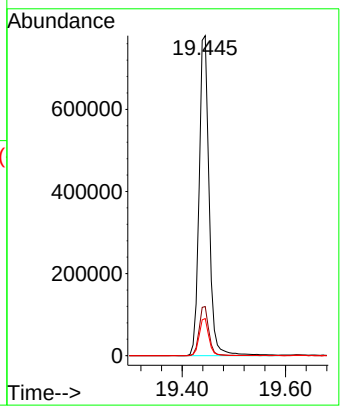




#77
Benzidine
Concen: 36.773 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:184 Resp: 104555

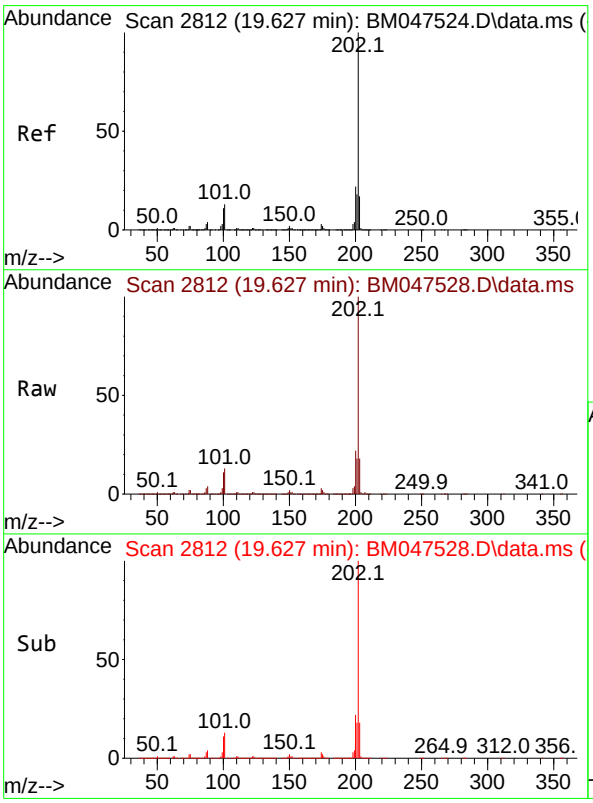
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	11.6	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

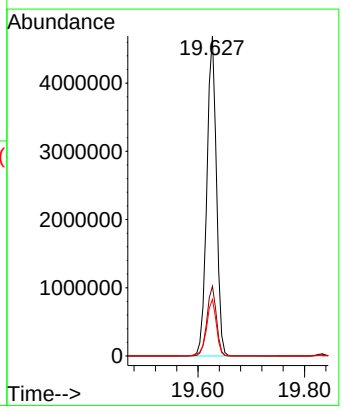
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

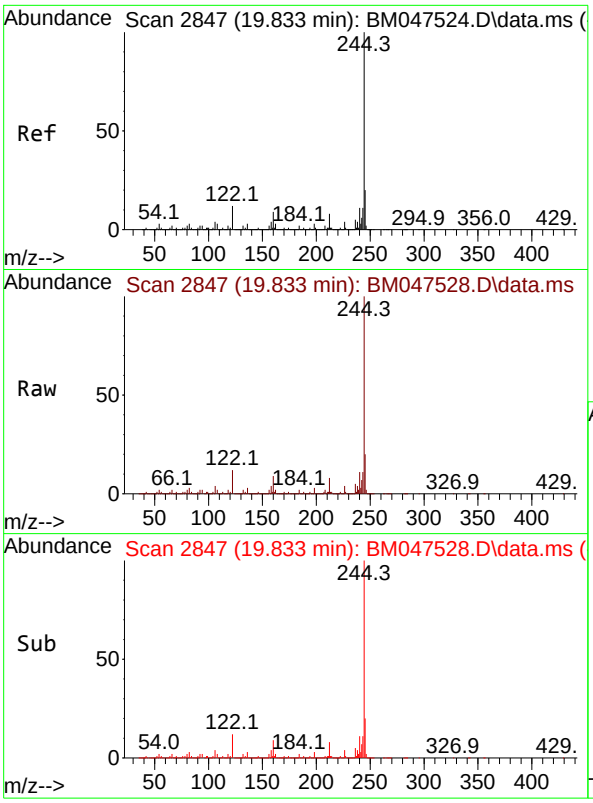


#78
Pyrene
Concen: 39.792 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:202 Resp: 5859728

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.7	14.0	21.0

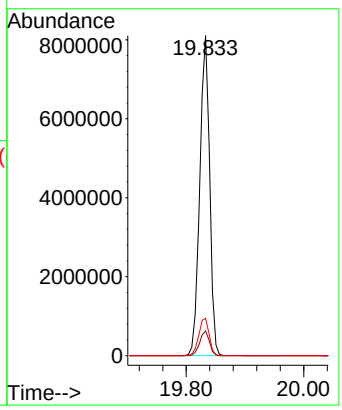




#79
Terphenyl-d14
Concen: 83.794 ng
RT: 19.833 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:244 Resp: 944027

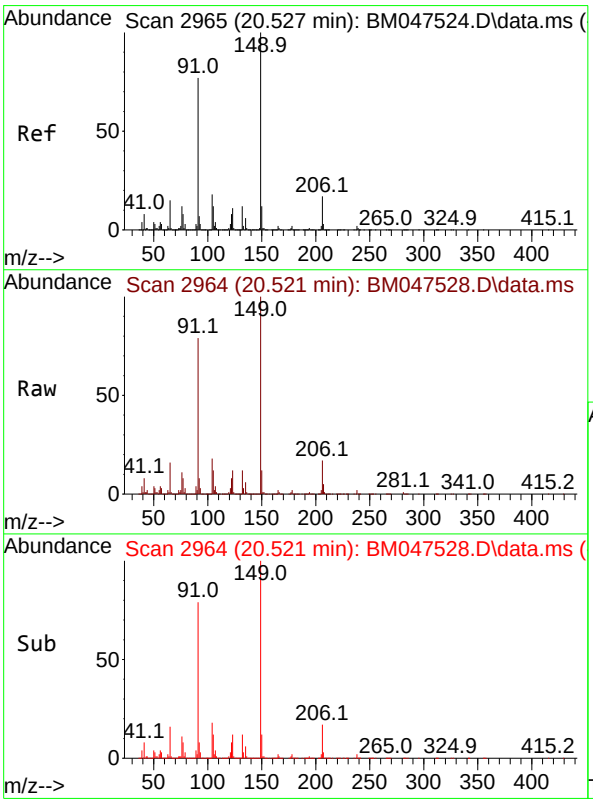
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.7	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

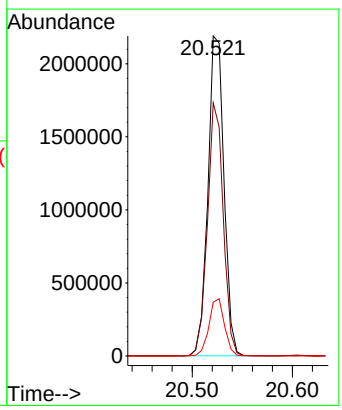
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

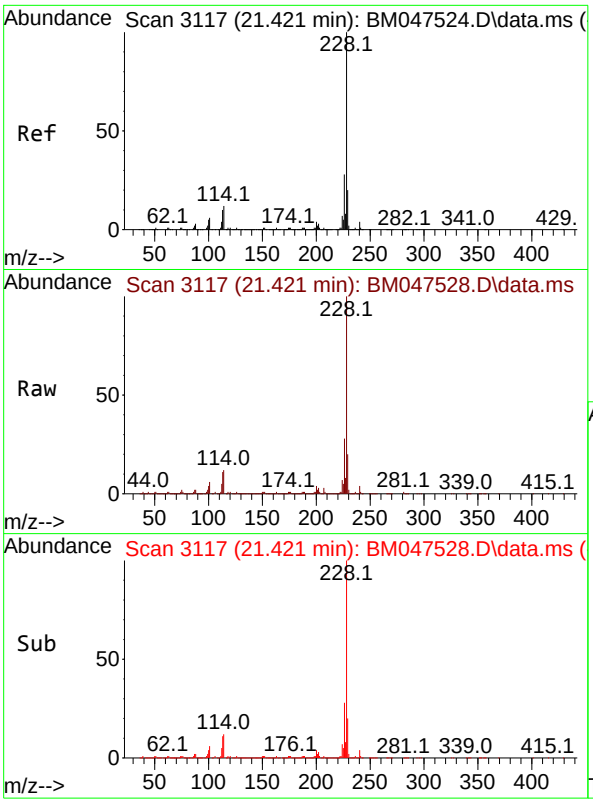


#80
Butylbenzylphthalate
Concen: 43.200 ng
RT: 20.521 min Scan# 2964
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:149 Resp: 2448871

Ion	Ratio	Lower	Upper
149	100		
91	79.1	62.0	93.0
206	16.8	13.8	20.8

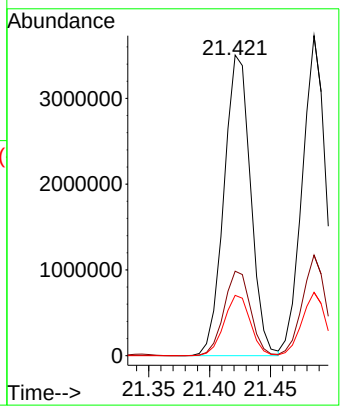




#81
Benzo(a)anthracene
Concen: 40.554 ng
RT: 21.421 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:228 Resp: 533634

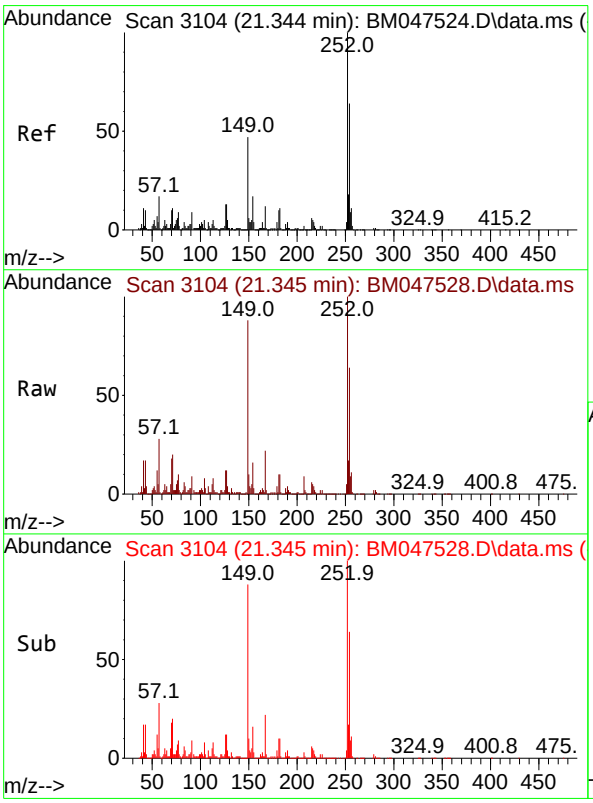
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.1	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

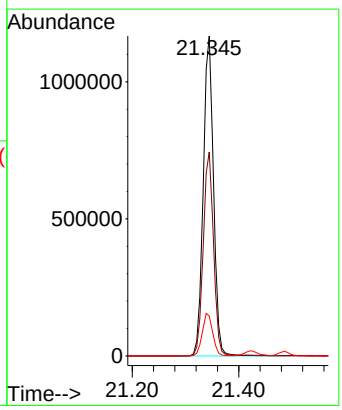
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

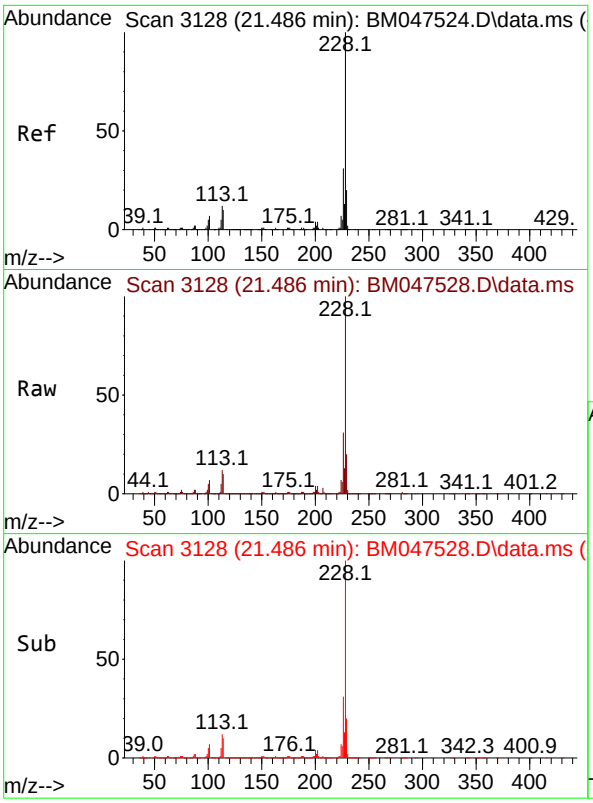


#82
3,3'-Dichlorobenzidine
Concen: 44.615 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:252 Resp: 1561668

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.5	10.3	15.5

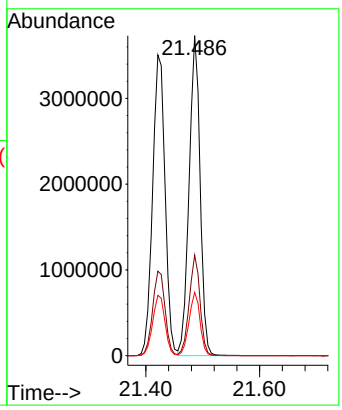




#83
Chrysene
Concen: 40.301 ng
RT: 21.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:228 Resp: 501606

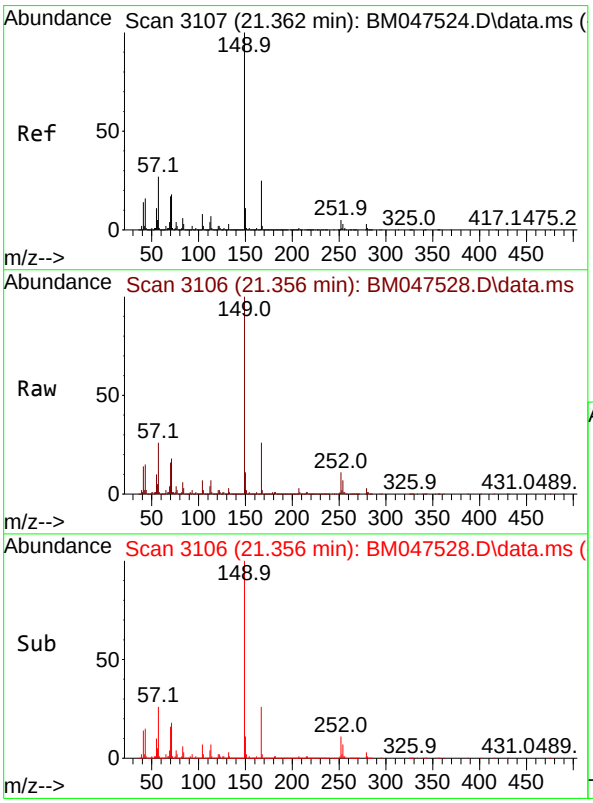
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.8	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

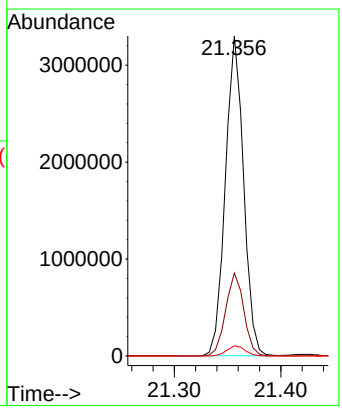
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

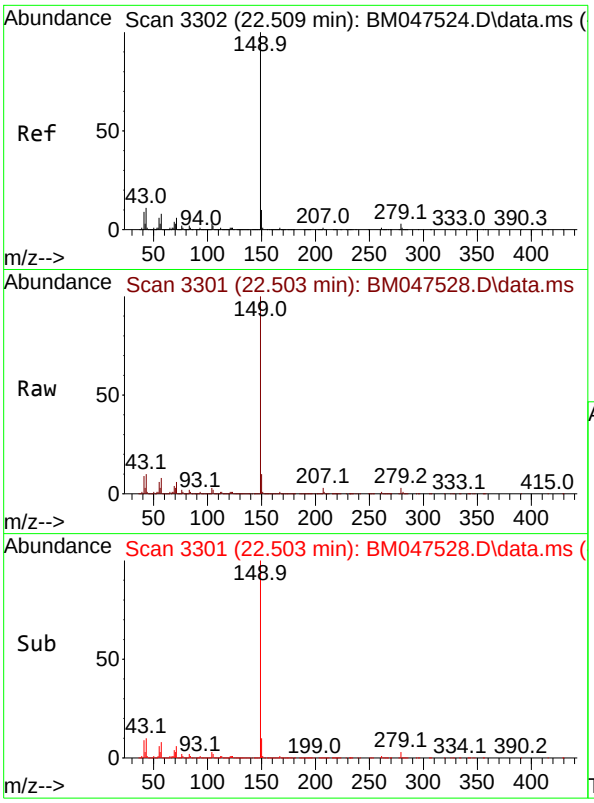


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.013 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:149 Resp: 3908511

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	3.2	2.6	4.0

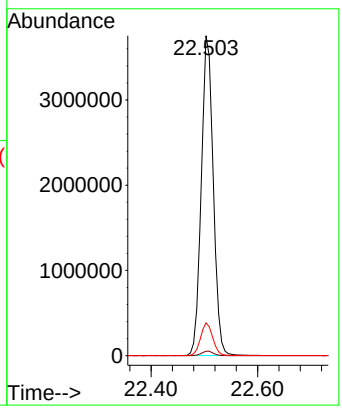




#85
Di-n-octyl phthalate
Concen: 46.533 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:149 Resp: 584509

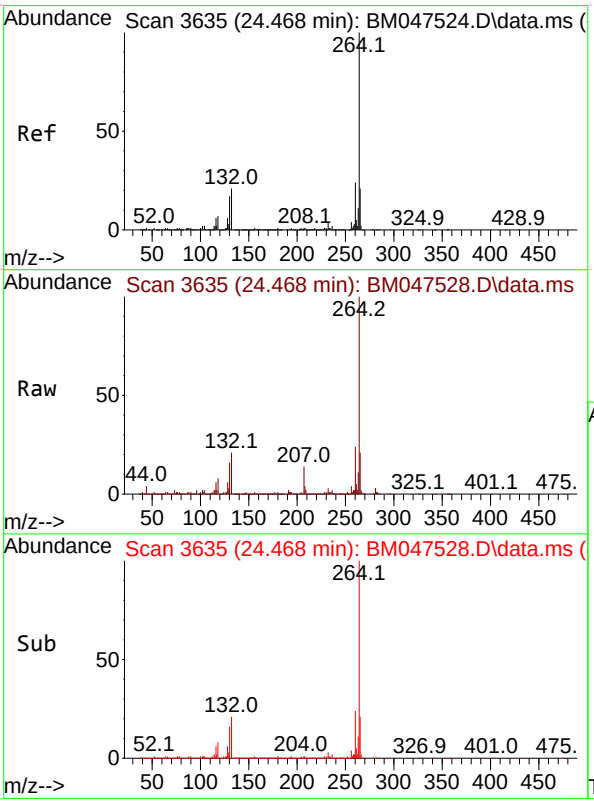
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.5	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations
APPROVED

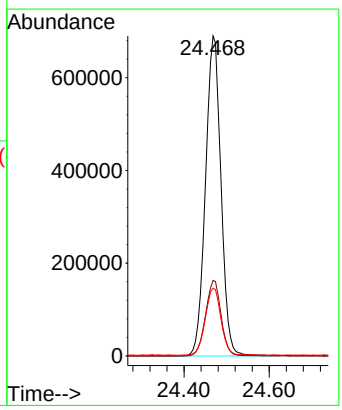
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

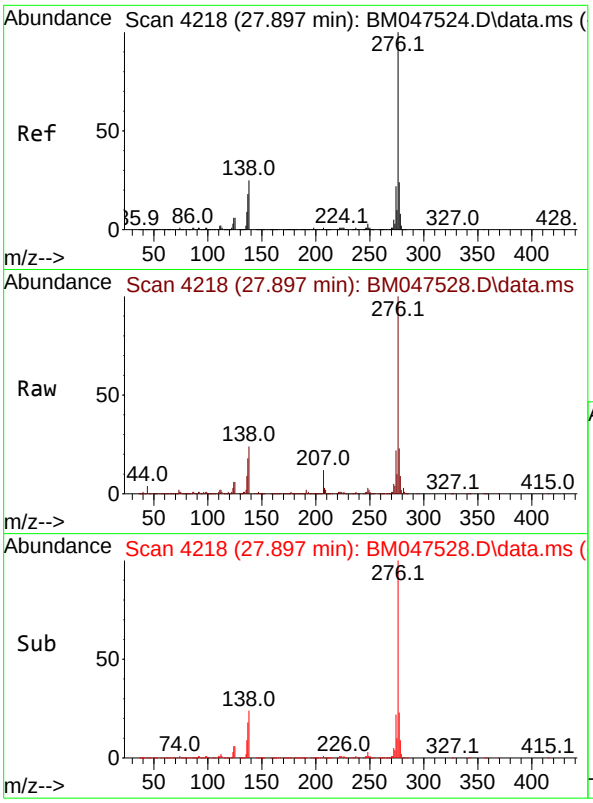


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:264 Resp: 1739593

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.4	26.2

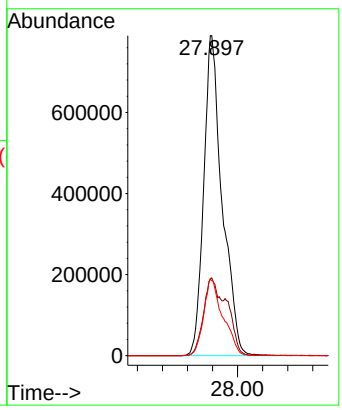




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.856 ng
RT: 27.897 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:276 Resp: 404511

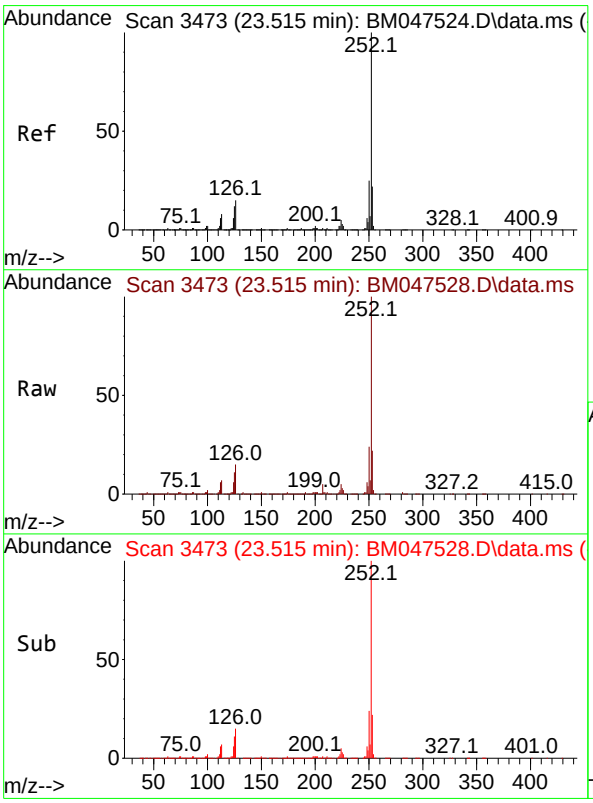
Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6
277	25.1	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

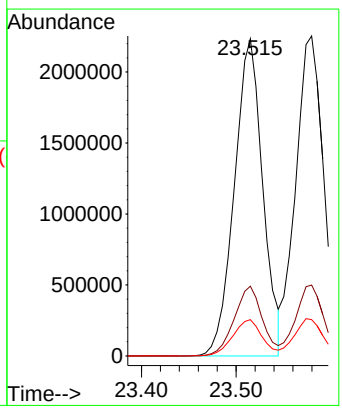
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

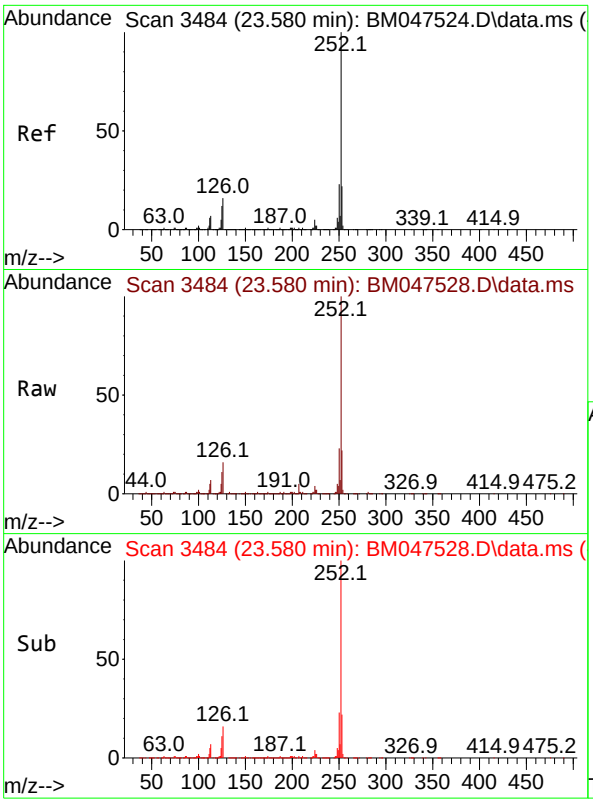


#88
Benzo(b)fluoranthene
Concen: 41.356 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:252 Resp: 4654837

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.5	9.5	14.3

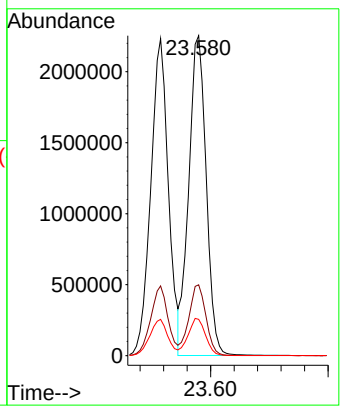




#89
Benzo(k)fluoranthene
Concen: 41.592 ng
RT: 23.580 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:252 Resp: 463952

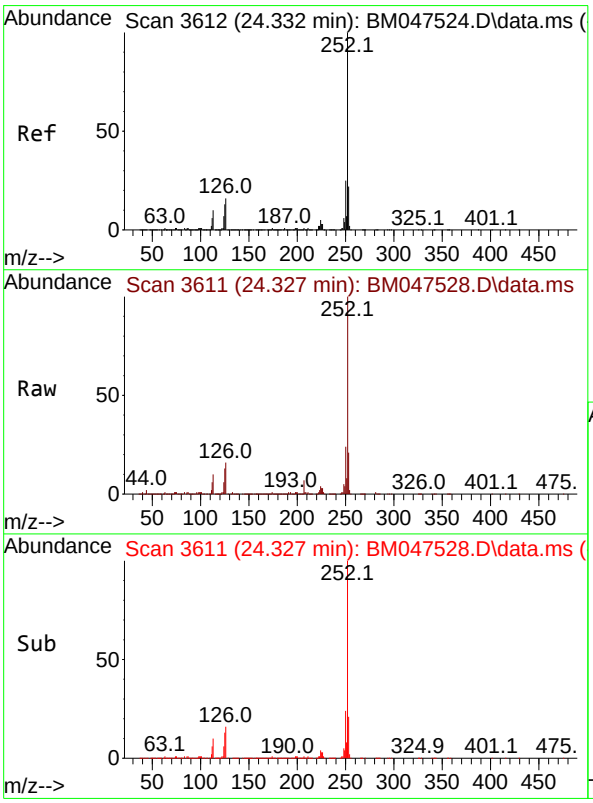
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.4	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

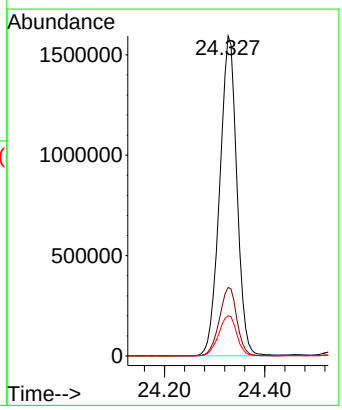
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

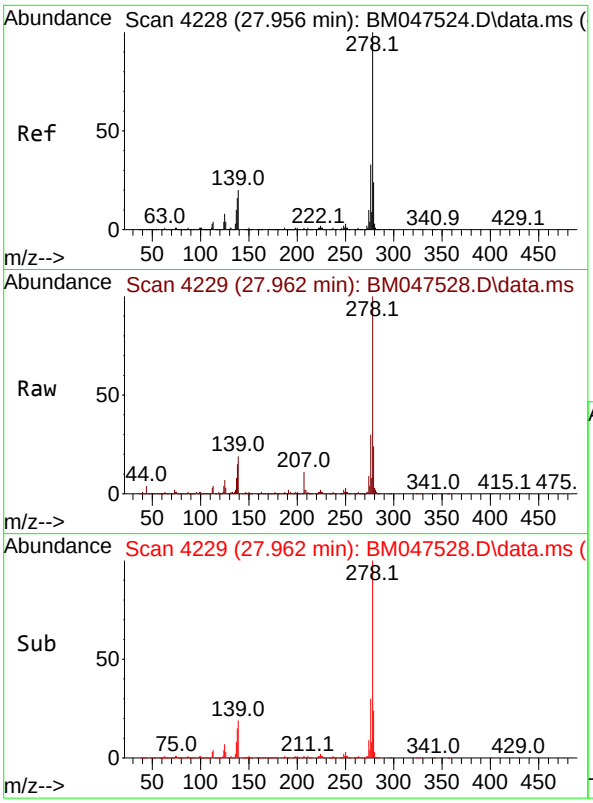


#90
Benzo(a)pyrene
Concen: 41.129 ng
RT: 24.327 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:252 Resp: 3794215

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	12.5	10.2	15.4

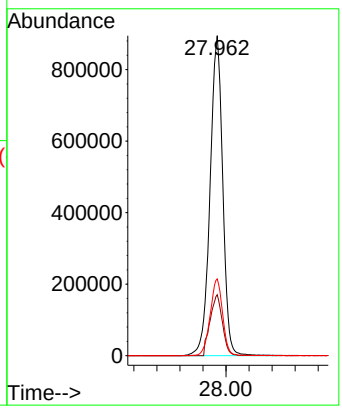




#91
Dibenzo(a,h)anthracene
Concen: 39.061 ng
RT: 27.962 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:278 Resp: 342125

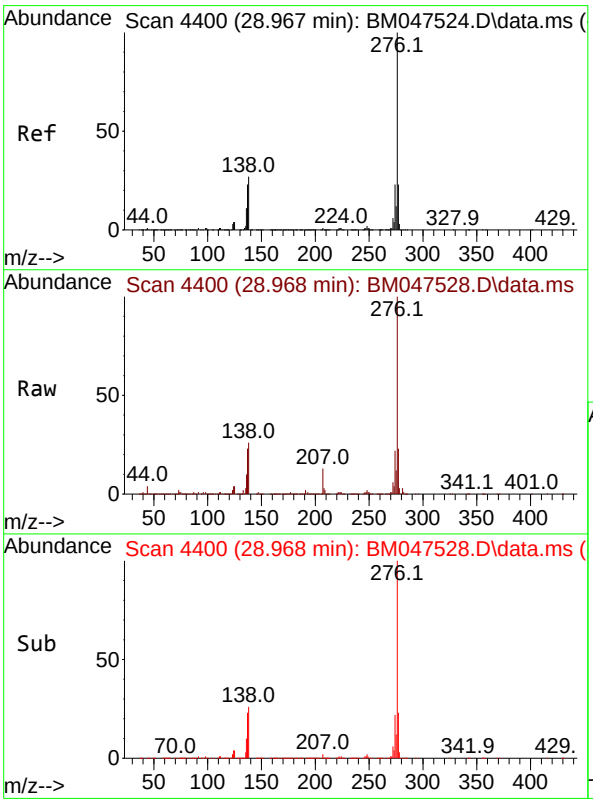
Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	24.0	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Manual Integrations APPROVED

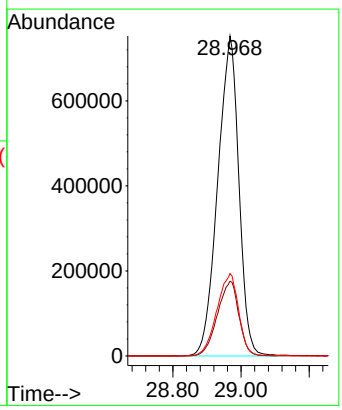
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92
Benzo(g,h,i)perylene
Concen: 37.708 ng
RT: 28.968 min Scan# 4400
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:276 Resp: 3226301

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	25.8	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
2		1,4-Dioxane	0.538	0.503	6.5	115	0.00
3		Pyridine	1.601	1.532	4.3	115	0.00
4		n-Nitrosodimethylamine	0.727	0.682	6.2	111	0.00
5	S	2-Fluorophenol	1.256	1.242	1.1	119	0.00
6		Aniline	1.568	1.571	-0.2	118	0.00
7	S	Phenol-d6	1.769	1.796	-1.5	119	0.00
8		2-Chlorophenol	1.385	1.400	-1.1	119	0.00
9		Benzaldehyde	0.841	0.896	-6.5	127	0.00
10	C	Phenol	1.771	1.774	-0.2	118	0.00
11		bis(2-Chloroethyl)ether	1.422	1.414	0.6	118	0.00
12		1,3-Dichlorobenzene	1.516	1.490	1.7	118	0.00
13	C	1,4-Dichlorobenzene	1.544	1.514	1.9	118	0.00
14		1,2-Dichlorobenzene	1.519	1.495	1.6	118	0.00
15		Benzyl Alcohol	1.198	1.238	-3.3	119	0.00
16		2,2'-oxybis(1-Chloropropane	2.000	1.934	3.3	114	0.00
17		2-Methylphenol	1.132	1.158	-2.3	118	0.00
18		Hexachloroethane	0.617	0.602	2.4	116	0.00
19	P	n-Nitroso-di-n-propylamine	1.193	1.231	-3.2	118	0.00
20		3+4-Methylphenols	1.579	1.622	-2.7	119	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	120	0.00
22		Acetophenone	0.526	0.519	1.3	118	0.00
23	S	Nitrobenzene-d5	0.400	0.395	1.3	116	0.00
24		Nitrobenzene	0.411	0.403	1.9	117	0.00
25		Isophorone	0.703	0.709	-0.9	119	0.00
26	C	2-Nitrophenol	0.140	0.157	-12.1	127	0.00
27		2,4-Dimethylphenol	0.212	0.214	-0.9	122	0.00
28		bis(2-Chloroethoxy)methane	0.441	0.435	1.4	118	0.00
29	C	2,4-Dichlorophenol	0.269	0.280	-4.1	121	0.00
30		1,2,4-Trichlorobenzene	0.309	0.306	1.0	121	0.00
31		Naphthalene	1.080	1.062	1.7	118	0.00
32		Benzoic acid	0.187	0.212	-13.4	132	0.00
33		4-Chloroaniline	0.391	0.392	-0.3	119	0.00
34	C	Hexachlorobutadiene	0.171	0.168	1.8	119	0.00
35		Caprolactam	0.089	0.099	-11.2	126	0.00
36	C	4-Chloro-3-methylphenol	0.309	0.320	-3.6	120	0.00
37		2-Methylnaphthalene	0.719	0.724	-0.7	119	0.00
38		1-Methylnaphthalene	0.714	0.721	-1.0	120	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	122	0.00
40		1,2,4,5-Tetrachlorobenzene	0.541	0.533	1.5	119	0.00
41	P	Hexachlorocyclopentadiene	0.177	0.170	4.0	113	0.00
42	S	2,4,6-Tribromophenol	0.193	0.209	-8.3	126	0.00
43	C	2,4,6-Trichlorophenol	0.339	0.354	-4.4	123	0.00
44		2,4,5-Trichlorophenol	0.383	0.398	-3.9	123	0.00
45	S	2-Fluorobiphenyl	1.452	1.462	-0.7	118	0.00
46		1,1'-Biphenyl	1.556	1.541	1.0	120	0.00
47		2-Chloronaphthalene	1.208	1.202	0.5	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.355	0.373	-5.1	121	0.00
49		Acenaphthylene	1.744	1.757	-0.7	120	0.00
50		Dimethylphthalate	1.363	1.354	0.7	120	0.00
51		2,6-Dinitrotoluene	0.288	0.300	-4.2	123	0.00
52	C	Acenaphthene	1.222	1.235	-1.1	121	0.00
53		3-Nitroaniline	0.320	0.338	-5.6	123	0.00
54	P	2,4-Dinitrophenol	0.125	0.131	-4.8	125	0.00
55		Dibenzofuran	1.717	1.700	1.0	120	0.00
56	P	4-Nitrophenol	0.263	0.288	-9.5	125	0.00
57		2,4-Dinitrotoluene	0.384	0.408	-6.2	122	0.00
58		Fluorene	1.546	1.580	-2.2	118	0.00
59		2,3,4,6-Tetrachlorophenol	0.299	0.309	-3.3	123	0.00
60		Diethylphthalate	1.451	1.468	-1.2	121	0.00
61		4-Chlorophenyl-phenylether	0.707	0.714	-1.0	117	0.00
62		4-Nitroaniline	0.376	0.408	-8.5	119	0.00
63		Azobenzene	1.597	1.574	1.4	116	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	122	0.00
65		4,6-Dinitro-2-methylphenol	0.091	0.098	-7.7	130	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.620	-1.3	120	0.00
67		4-Bromophenyl-phenylether	0.194	0.199	-2.6	123	0.00
68		Hexachlorobenzene	0.220	0.222	-0.9	122	0.00
69		Atrazine	0.169	0.176	-4.1	121	0.00
70	C	Pentachlorophenol	0.128	0.143	-11.7	128	0.00
71		Phenanthrene	1.102	1.100	0.2	118	0.00
72		Anthracene	1.059	1.085	-2.5	120	0.00
73		Carbazole	1.049	1.084	-3.3	121	0.00
74		Di-n-butylphthalate	1.256	1.329	-5.8	121	0.00
75	C	Fluoranthene	1.203	1.266	-5.2	120	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	124	0.00
77		Benzidine	0.282	0.259	8.2	127	0.00
78		Pyrene	1.459	1.451	0.5	121	0.00
79	S	Terphenyl-d14	1.116	1.169	-4.7	115	0.00
80		Butylbenzylphthalate	0.562	0.607	-8.0	128	0.00
81		Benzo(a)anthracene	1.304	1.322	-1.4	123	0.00
82		3,3'-Dichlorobenzidine	0.347	0.387	-11.5	133	0.00
83		Chrysene	1.233	1.242	-0.7	123	0.00
84		Bis(2-ethylhexyl)phthalate	0.880	0.968	-10.0	129	0.00
85	c	Di-n-octyl phthalate	1.244	1.448	-16.4	138	0.00
86	I	Perylene-d12	1.000	1.000	0.0	133	0.00
87		Indeno(1,2,3-cd)pyrene	1.197	1.163	2.8	130	0.00
88		Benzo(b)fluoranthene	1.294	1.338	-3.4	133	0.00
89		Benzo(k)fluoranthene	1.282	1.334	-4.1	130	0.00
90	C	Benzo(a)pyrene	1.061	1.091	-2.8	132	0.00
91		Dibenzo(a,h)anthracene	1.007	0.983	2.4	132	0.00
92		Benzo(g,h,i)perylene	0.984	0.927	5.8	127	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	119	0.00
2		1,4-Dioxane	40.000	37.418	6.5	115	0.00
3		Pyridine	40.000	38.276	4.3	115	0.00
4		n-Nitrosodimethylamine	40.000	37.531	6.2	111	0.00
5	S	2-Fluorophenol	80.000	79.080	1.2	119	0.00
6		Aniline	40.000	40.075	-0.2	118	0.00
7	S	Phenol-d6	80.000	81.240	-1.5	119	0.00
8		2-Chlorophenol	40.000	40.435	-1.1	119	0.00
9		Benzaldehyde	40.000	42.604	-6.5	127	0.00
10	C	Phenol	40.000	40.068	-0.2	118	0.00
11		bis(2-Chloroethyl)ether	40.000	39.763	0.6	118	0.00
12		1,3-Dichlorobenzene	40.000	39.323	1.7	118	0.00
13	C	1,4-Dichlorobenzene	40.000	39.224	1.9	118	0.00
14		1,2-Dichlorobenzene	40.000	39.373	1.6	118	0.00
15		Benzyl Alcohol	40.000	41.322	-3.3	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.676	3.3	114	0.00
17		2-Methylphenol	40.000	40.947	-2.4	118	0.00
18		Hexachloroethane	40.000	39.026	2.4	116	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.297	-3.2	118	0.00
20		3+4-Methylphenols	40.000	41.091	-2.7	119	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	120	0.00
22		Acetophenone	40.000	39.445	1.4	118	0.00
23	S	Nitrobenzene-d5	80.000	79.016	1.2	116	0.00
24		Nitrobenzene	40.000	39.215	2.0	117	0.00
25		Isophorone	40.000	40.365	-0.9	119	0.00
26	C	2-Nitrophenol	40.000	44.791	-12.0	127	0.00
27		2,4-Dimethylphenol	40.000	40.331	-0.8	122	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.457	1.4	118	0.00
29	C	2,4-Dichlorophenol	40.000	41.509	-3.8	121	0.00
30		1,2,4-Trichlorobenzene	40.000	39.627	0.9	121	0.00
31		Naphthalene	40.000	39.330	1.7	118	0.00
32		Benzoic acid	40.000	41.565	-3.9	132	0.00
33		4-Chloroaniline	40.000	40.157	-0.4	119	0.00
34	C	Hexachlorobutadiene	40.000	39.303	1.7	119	0.00
35		Caprolactam	40.000	44.462	-11.2	126	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.503	-3.8	120	0.00
37		2-Methylnaphthalene	40.000	40.287	-0.7	119	0.00
38		1-Methylnaphthalene	40.000	40.366	-0.9	120	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	122	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.423	1.4	119	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.330	4.2	113	0.00
42	S	2,4,6-Tribromophenol	80.000	86.666	-8.3	126	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.805	-4.5	123	0.00
44		2,4,5-Trichlorophenol	40.000	41.595	-4.0	123	0.00
45	S	2-Fluorobiphenyl	80.000	80.575	-0.7	118	0.00
46		1,1'-Biphenyl	40.000	39.616	1.0	120	0.00
47		2-Chloronaphthalene	40.000	39.789	0.5	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.070	-5.2	121	0.00
49		Acenaphthylene	40.000	40.313	-0.8	120	0.00
50		Dimethylphthalate	40.000	39.733	0.7	120	0.00
51		2,6-Dinitrotoluene	40.000	41.664	-4.2	123	0.00
52	C	Acenaphthene	40.000	40.442	-1.1	121	0.00
53		3-Nitroaniline	40.000	42.236	-5.6	123	0.00
54	P	2,4-Dinitrophenol	40.000	41.320	-3.3	125	0.00
55		Dibenzofuran	40.000	39.603	1.0	120	0.00
56	P	4-Nitrophenol	40.000	43.814	-9.5	125	0.00
57		2,4-Dinitrotoluene	40.000	42.569	-6.4	122	0.00
58		Fluorene	40.000	40.896	-2.2	118	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.395	-3.5	123	0.00
60		Diethylphthalate	40.000	40.482	-1.2	121	0.00
61		4-Chlorophenyl-phenylether	40.000	40.407	-1.0	117	0.00
62		4-Nitroaniline	40.000	43.422	-8.6	119	0.00
63		Azobenzene	40.000	39.412	1.5	116	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	122	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.815	0.5	130	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.550	-1.4	120	0.00
67		4-Bromophenyl-phenylether	40.000	40.870	-2.2	123	0.00
68		Hexachlorobenzene	40.000	40.377	-0.9	122	0.00
69		Atrazine	40.000	41.735	-4.3	121	0.00
70	C	Pentachlorophenol	40.000	44.695	-11.7	128	0.00
71		Phenanthrene	40.000	39.903	0.2	118	0.00
72		Anthracene	40.000	40.965	-2.4	120	0.00
73		Carbazole	40.000	41.301	-3.3	121	0.00
74		Di-n-butylphthalate	40.000	42.350	-5.9	121	0.00
75	C	Fluoranthene	40.000	42.122	-5.3	120	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	124	0.00
77		Benzidine	40.000	36.773	8.1	127	0.00
78		Pyrene	40.000	39.792	0.5	121	0.00
79	S	Terphenyl-d14	80.000	83.794	-4.7	115	0.00
80		Butylbenzylphthalate	40.000	43.200	-8.0	128	0.00
81		Benzo(a)anthracene	40.000	40.554	-1.4	123	0.00
82		3,3'-Dichlorobenzidine	40.000	44.615	-11.5	133	0.00
83		Chrysene	40.000	40.301	-0.8	123	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.013	-10.0	129	0.00
85	c	Di-n-octyl phthalate	40.000	46.533	-16.3	138	0.00
86	I	Perylene-d12	20.000	20.000	0.0	133	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.856	2.9	130	0.00
88		Benzo(b)fluoranthene	40.000	41.356	-3.4	133	0.00
89		Benzo(k)fluoranthene	40.000	41.592	-4.0	130	0.00
90	C	Benzo(a)pyrene	40.000	41.129	-2.8	132	0.00
91		Dibenzo(a,h)anthracene	40.000	39.061	2.3	132	0.00
92		Benzo(g,h,i)perylene	40.000	37.708	5.7	127	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047528.D
Acq On : 14 Sep 2024 17:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Quant Time: Sep 15 08:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG No.: P3845

Instrument ID: BNA_F Calibration Date/Time: 09/16/2024 10:36

Lab File ID: BF139377.D Init. Calib. Date(s): 09/13/2024 09/13/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:32 19:44

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.226	1.218		-0.7	
Phenol-d6	1.609	1.574		-2.2	
Phenol	1.639	1.629		-0.6	20.0
2-Chlorophenol	1.262	1.247		-1.2	
2-Methylphenol	1.003	0.996		-0.7	
3+4-Methylphenols	1.368	1.341		-2.0	
Nitrobenzene-d5	0.425	0.443		4.2	
2-Nitrophenol	0.171	0.177		3.5	20.0
2,4-Dimethylphenol	0.225	0.233		3.6	
2,4-Dichlorophenol	0.286	0.291		1.7	20.0
Benzoic acid	0.211	0.219		3.8	
4-Chloro-3-methylphenol	0.327	0.331		1.2	20.0
2,4,6-Trichlorophenol	0.386	0.406		5.2	20.0
2-Fluorobiphenyl	1.426	1.488		4.3	
2,4,5-Trichlorophenol	0.407	0.418		2.7	
2,4-Dinitrophenol	0.162	0.157	0.050	-3.1	
4-Nitrophenol	0.240	0.241	0.050	0.4	
4,6-Dinitro-2-methylphenol	0.106	0.114		7.5	
2,4,6-Tribromophenol	0.213	0.208		-2.3	
Pentachlorophenol	0.140	0.150		7.1	20.0
Terphenyl-d14	1.218	1.320		8.4	
2,3,4,6-Tetrachlorophenol	0.336	0.349		3.9	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	66091	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	230944	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	122358	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	221286	20.000	ng		0.00
76) Chrysene-d12	14.033	240	116037	20.000	ng		0.00
86) Perylene-d12	15.498	264	120558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	321981	79.476	ng		0.00
7) Phenol-d6	6.510	99	416075	78.245	ng		0.00
23) Nitrobenzene-d5	7.445	82	409247	83.307	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	101902	78.227	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	728037	83.451	ng		0.00
79) Terphenyl-d14	12.980	244	612505	86.641	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	65518	40.309	ng		99
3) Pyridine	3.416	79	152031	42.424	ng		99
4) n-Nitrosodimethylamine	3.375	42	122133	39.320	ng		93
6) Aniline	6.545	93	156831	39.081	ng		99
8) 2-Chlorophenol	6.663	128	164831	39.525	ng		97
9) Benzaldehyde	6.428	77	106604	34.698	ng		98
10) Phenol	6.522	94	215363	39.765	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	154691	37.579	ng		100
12) 1,3-Dichlorobenzene	6.822	146	186869	39.401	ng		100
13) 1,4-Dichlorobenzene	6.898	146	190689	39.787	ng		99
14) 1,2-Dichlorobenzene	7.051	146	180104	39.769	ng		99
15) Benzyl Alcohol	7.022	79	167305	39.435	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	259443	40.896	ng		100
17) 2-Methylphenol	7.128	107	131636	39.729	ng		99
18) Hexachloroethane	7.392	117	72661	39.803	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	127698	40.524	ng		100
20) 3+4-Methylphenols	7.287	107	177222	39.204	ng	#	85
22) Acetophenone	7.287	105	248234	41.115	ng		98
24) Nitrobenzene	7.463	77	206879	40.917	ng		100
25) Isophorone	7.698	82	320290	41.226	ng		100
26) 2-Nitrophenol	7.775	139	81728	41.490	ng		99
27) 2,4-Dimethylphenol	7.810	122	107638	41.426	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	181037	40.886	ng		99
29) 2,4-Dichlorophenol	8.016	162	134262	40.675	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	153999	40.040	ng		99
31) Naphthalene	8.187	128	492048	40.811	ng		100
32) Benzoic acid	7.928	122	101039	41.552	ng		99
33) 4-Chloroaniline	8.234	127	149676	40.580	ng		99
34) Hexachlorobutadiene	8.298	225	108817	41.645	ng		98
35) Caprolactam	8.604	113	40031	39.424	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	152889	40.528	ng		99
37) 2-Methylnaphthalene	8.875	142	309476	40.440	ng		99
38) 1-Methylnaphthalene	8.975	142	300979	40.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151921	41.894	ng		99
41) Hexachlorocyclopentadiene	9.022	237	56125	44.327	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	99323	42.099	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

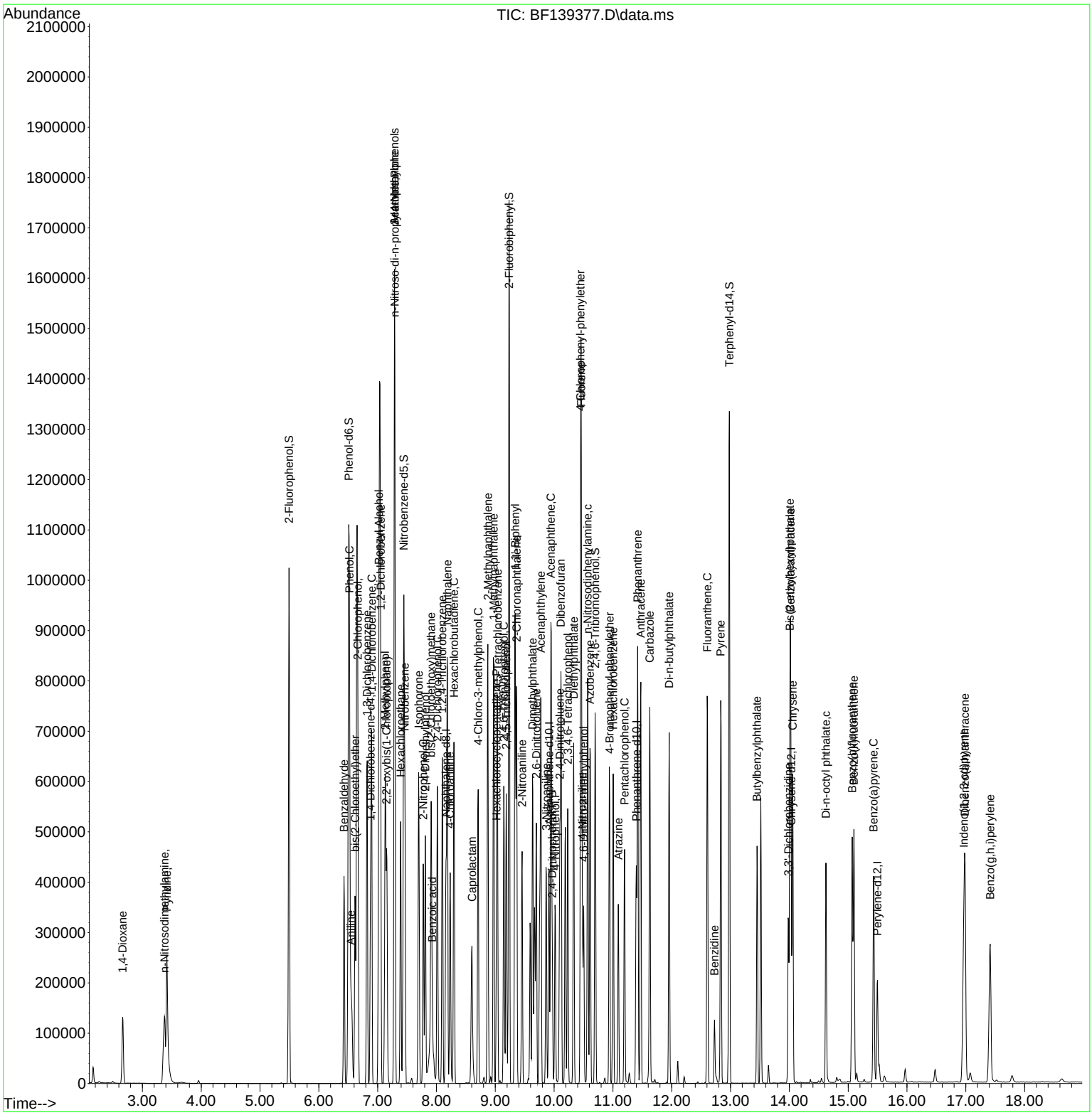
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	102202	41.068	ng	96
46) 1,1'-Biphenyl	9.339	154	390146	41.446	ng	99
47) 2-Chloronaphthalene	9.363	162	291444	41.408	ng	98
48) 2-Nitroaniline	9.457	65	109200	41.713	ng	97
49) Acenaphthylene	9.775	152	432938	40.863	ng	100
50) Dimethylphthalate	9.633	163	326964	40.713	ng	100
51) 2,6-Dinitrotoluene	9.698	165	75302	42.326	ng	99
52) Acenaphthene	9.945	154	302178	40.866	ng	99
53) 3-Nitroaniline	9.869	138	76572	43.067	ng	91
54) 2,4-Dinitrophenol	9.969	184	38389	38.724	ng	98
55) Dibenzofuran	10.116	168	414689	40.236	ng	100
56) 4-Nitrophenol	10.022	139	58992	40.098	ng	91
57) 2,4-Dinitrotoluene	10.098	165	98729	41.104	ng	98
58) Fluorene	10.463	166	340138	40.449	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	85315	41.442	ng	98
60) Diethylphthalate	10.333	149	335912	40.532	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	167063	40.879	ng	99
62) 4-Nitroaniline	10.480	138	76133	39.234	ng	99
63) Azobenzene	10.610	77	331221	40.634	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	50320	43.085	ng	98
66) n-Nitrosodiphenylamine	10.569	169	271048	41.895	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94692	43.182	ng	99
68) Hexachlorobenzene	11.004	284	107799	41.886	ng	98
69) Atrazine	11.092	200	53431	34.691	ng	98
70) Pentachlorophenol	11.198	266	66462	43.037	ng	98
71) Phenanthrene	11.422	178	440181	41.230	ng	99
72) Anthracene	11.475	178	430011	41.196	ng	99
73) Carbazole	11.627	167	408067	40.846	ng	100
74) Di-n-butylphthalate	11.957	149	457689	41.126	ng	100
75) Fluoranthene	12.604	202	451045	39.561	ng	99
77) Benzidine	12.727	184	72271	43.472	ng	99
78) Pyrene	12.833	202	448254	44.990	ng	99
80) Butylbenzylphthalate	13.451	149	140853	41.533	ng	100
81) Benzo(a)anthracene	14.021	228	314524	40.920	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	92328	41.018	ng	98
83) Chrysene	14.057	228	289263	40.906	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	174926	40.547	ng	99
85) Di-n-octyl phthalate	14.621	149	263480	41.470	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	317744	44.324	ng	99
88) Benzo(b)fluoranthene	15.068	252	288585	38.813	ng	99
89) Benzo(k)fluoranthene	15.098	252	285530	41.650	ng	99
90) Benzo(a)pyrene	15.433	252	255357	41.411	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	263243	44.439	ng	99
92) Benzo(g,h,i)perylene	17.415	276	265389	45.248	ng	99

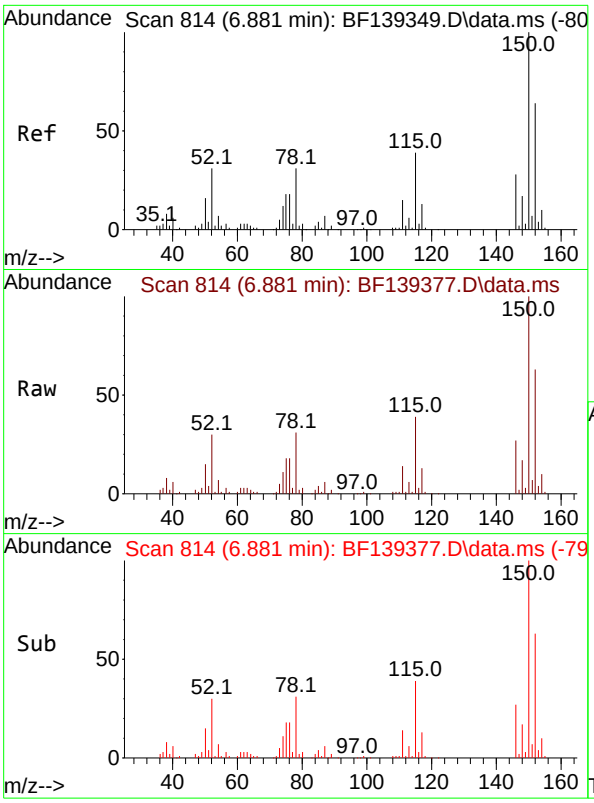
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



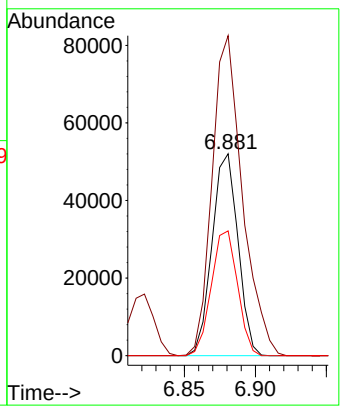


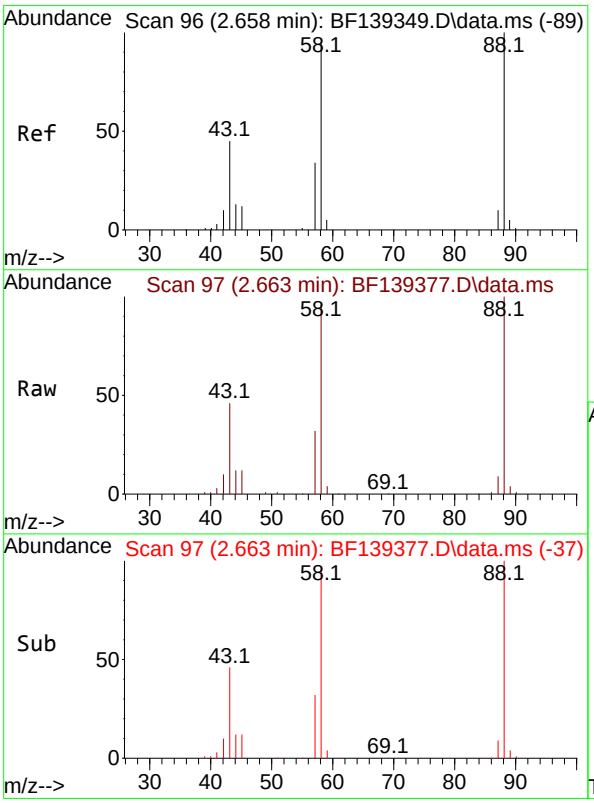
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 66091

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.1	186.1
115	61.8	48.1	72.1

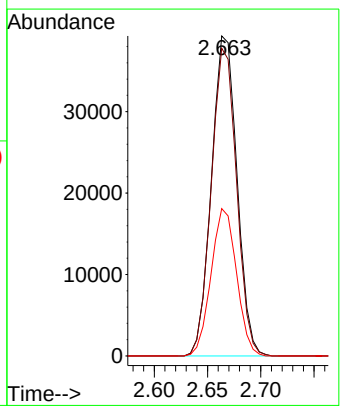


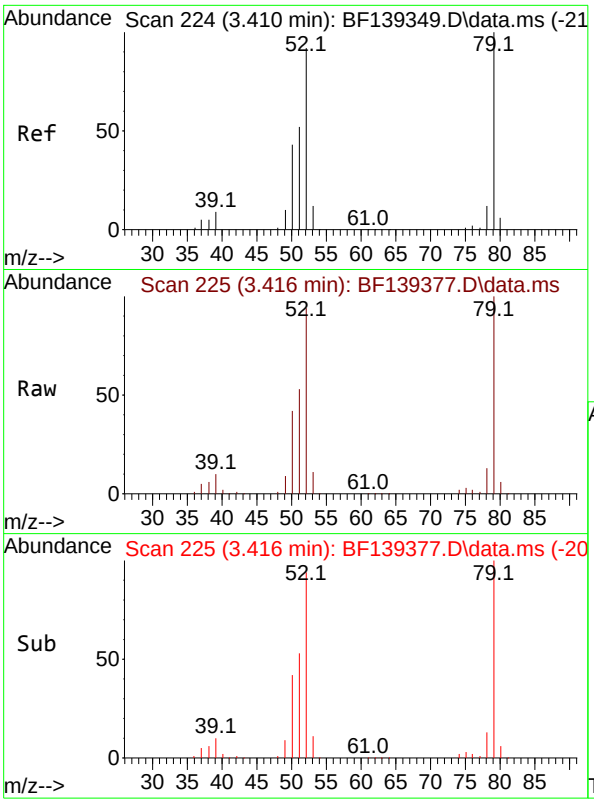


#2
1,4-Dioxane
Concen: 40.309 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 88 Resp: 65518

Ion	Ratio	Lower	Upper
88	100		
58	95.2	74.8	112.2
43	45.9	36.4	54.6



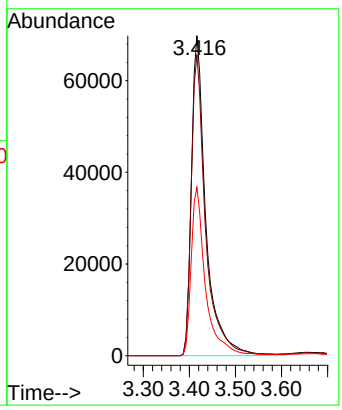


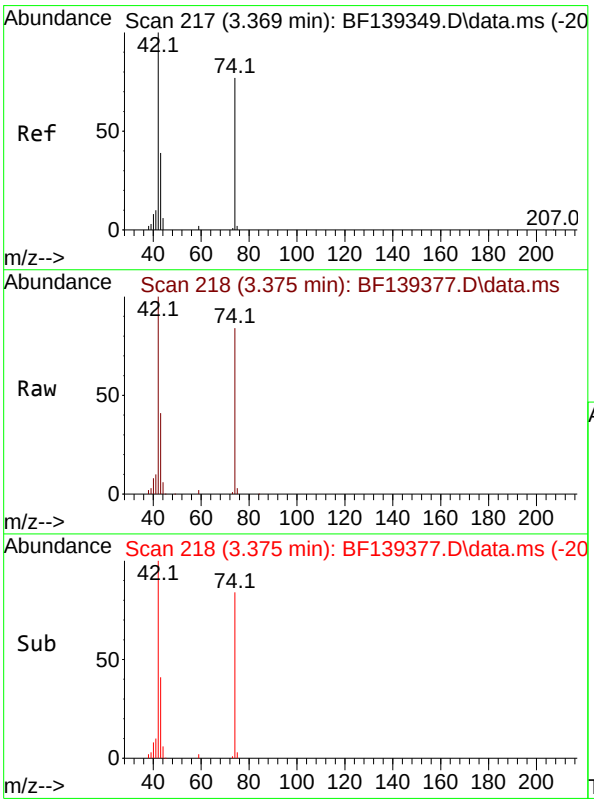
#3
Pyridine
Concen: 42.424 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 152031

Ion	Ratio	Lower	Upper
79	100		
52	94.1	73.8	110.8
51	52.6	41.8	62.6

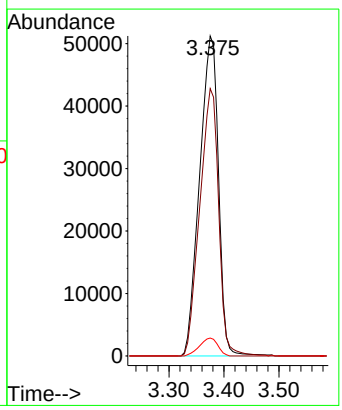


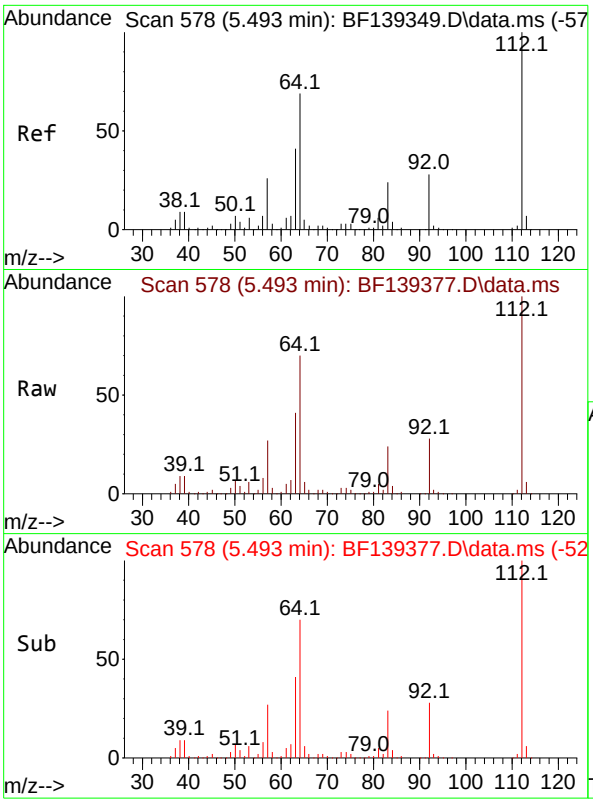


#4
n-Nitrosodimethylamine
Concen: 39.320 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 42 Resp: 122133

Ion	Ratio	Lower	Upper
42	100		
74	83.5	61.8	92.8
44	5.6	4.8	7.2



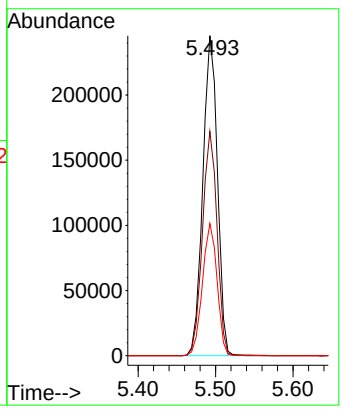


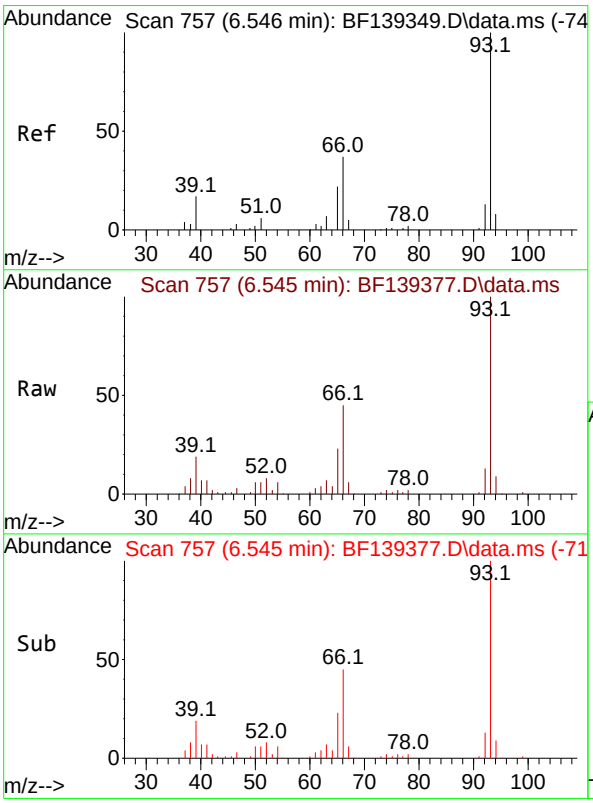
#5
2-Fluorophenol
Concen: 79.476 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 321981

Ion	Ratio	Lower	Upper
112	100		
64	70.1	54.8	82.2
63	41.3	33.0	49.4

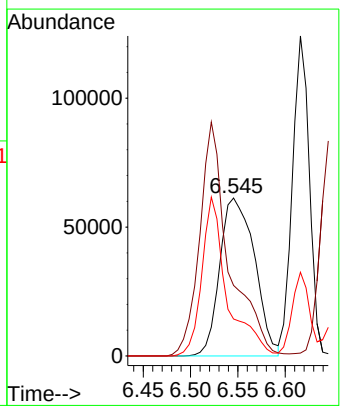


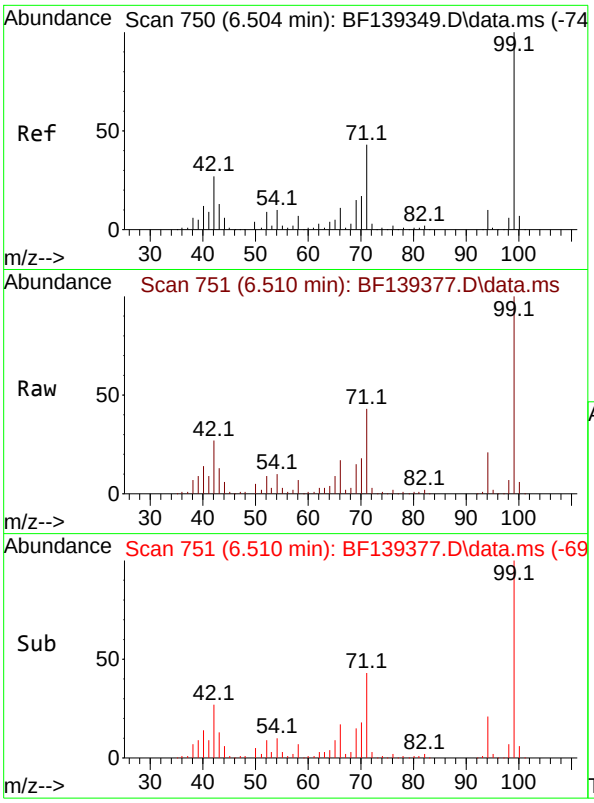


#6
Aniline
Concen: 39.081 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 93 Resp: 156831

Ion	Ratio	Lower	Upper
93	100		
66	44.6	35.4	53.0
65	23.4	18.2	27.4



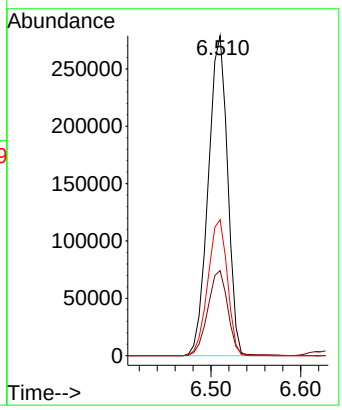


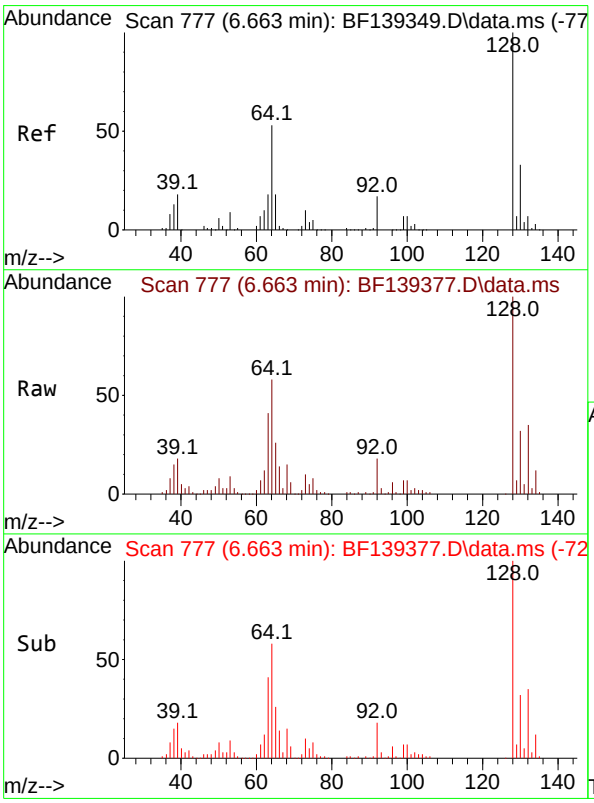
#7
Phenol-d6
Concen: 78.245 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 416075

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.9	32.9
71	42.5	34.6	52.0

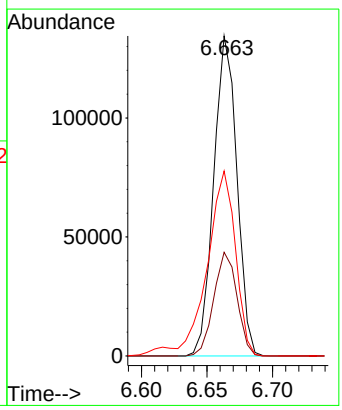


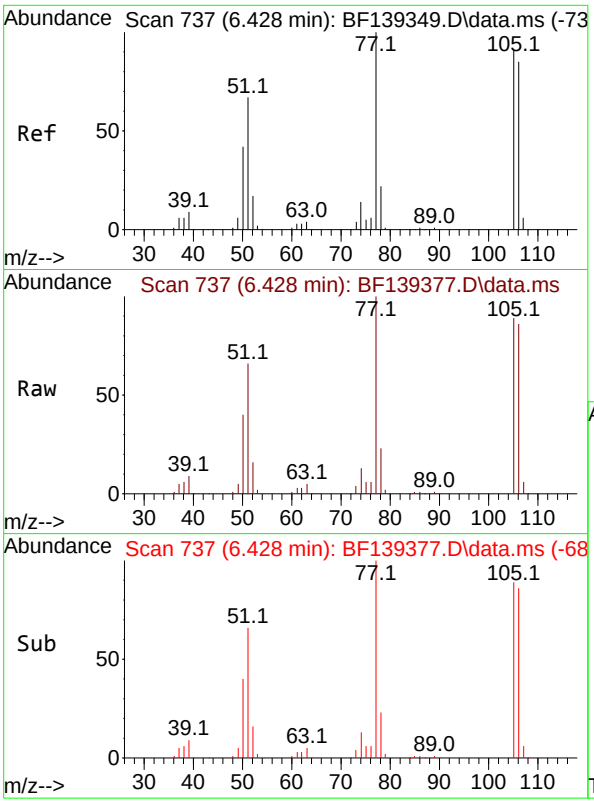


#8
2-Chlorophenol
Concen: 39.525 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:128 Resp: 164831

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	57.8	35.1	75.1



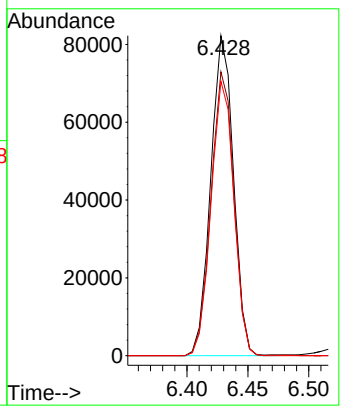


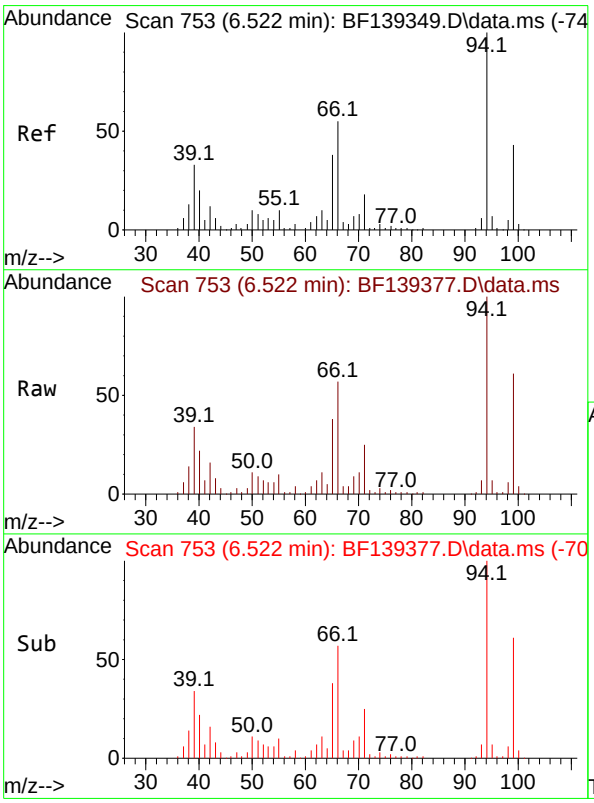
#9
Benzaldehyde
Concen: 34.698 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 106604

Ion	Ratio	Lower	Upper
77	100		
105	88.7	71.0	111.0
106	85.7	64.9	104.9

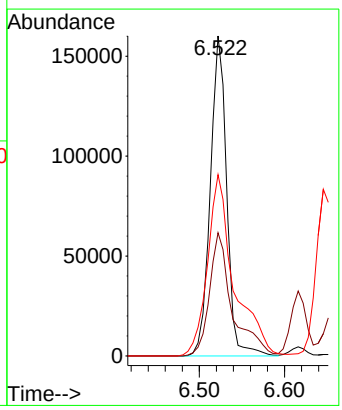


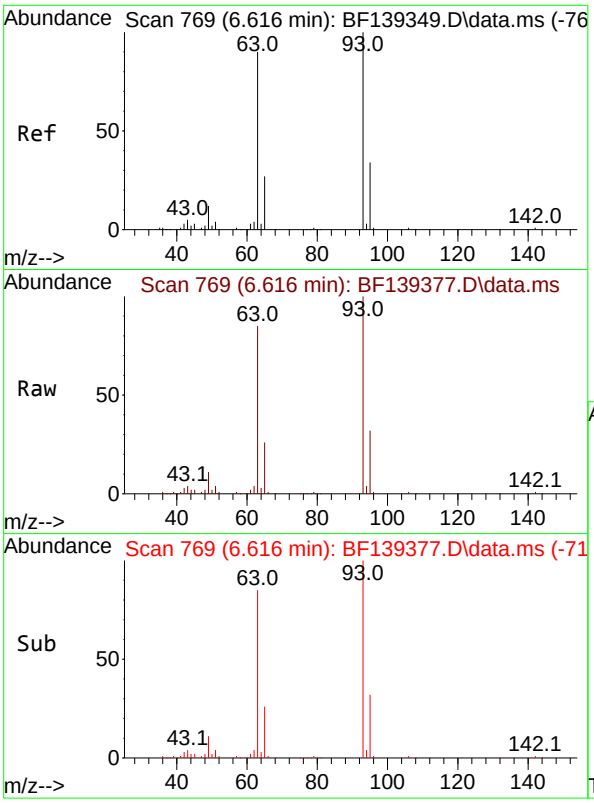


#10
Phenol
Concen: 39.765 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 94 Resp: 215363

Ion	Ratio	Lower	Upper
94	100		
65	38.5	17.6	57.6
66	56.7	35.2	75.2



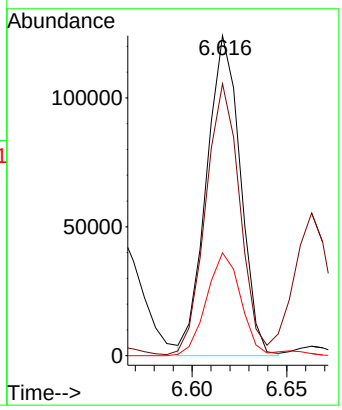


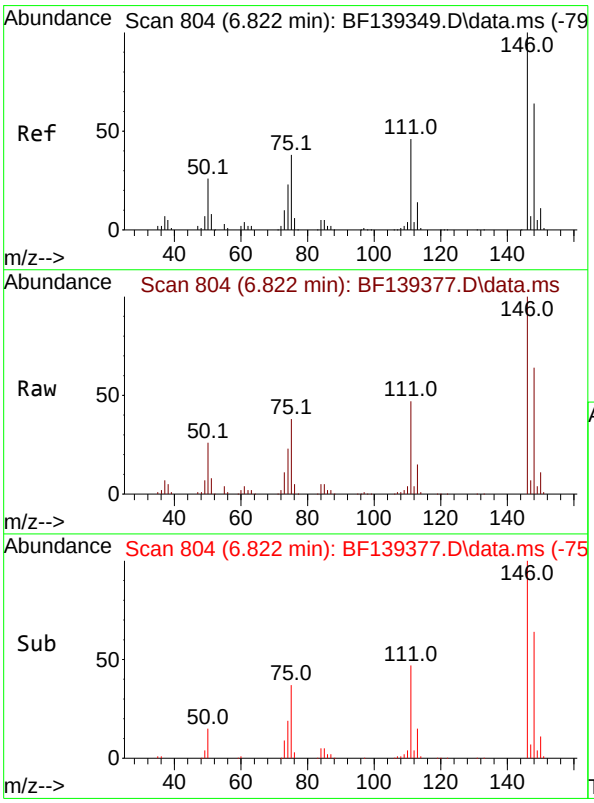
#11
bis(2-Chloroethyl)ether
Concen: 37.579 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 154691

Ion	Ratio	Lower	Upper
93	100		
63	85.0	65.3	105.3
95	32.2	12.4	52.4

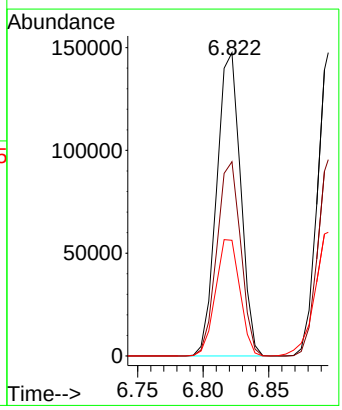


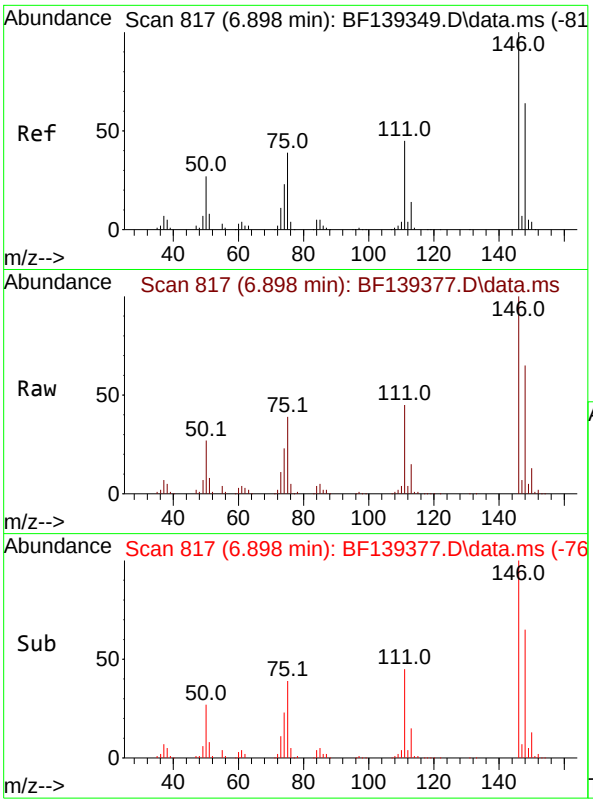


#12
1,3-Dichlorobenzene
Concen: 39.401 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:146 Resp: 186869

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	38.2	30.6	46.0



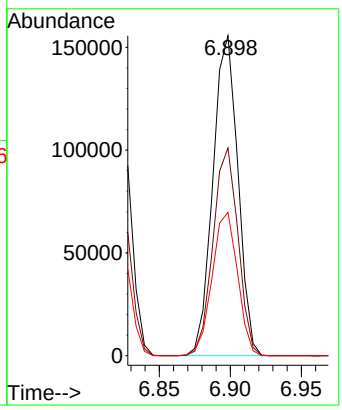


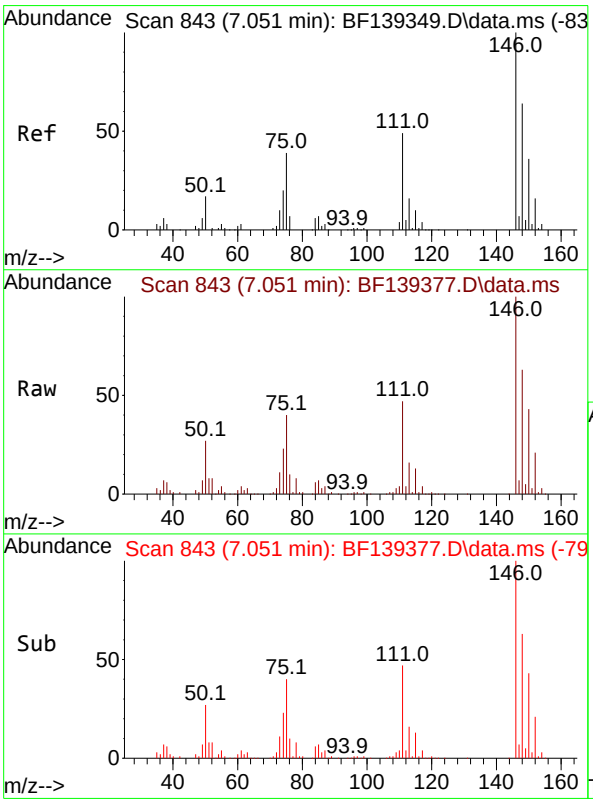
#13
1,4-Dichlorobenzene
Concen: 39.787 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 190689

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
111	44.8	36.3	54.5

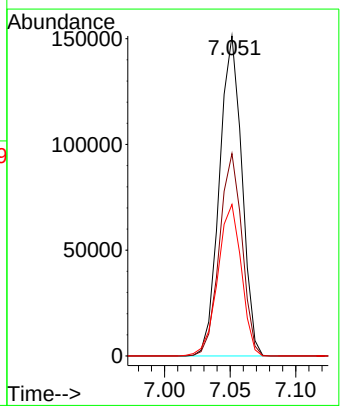


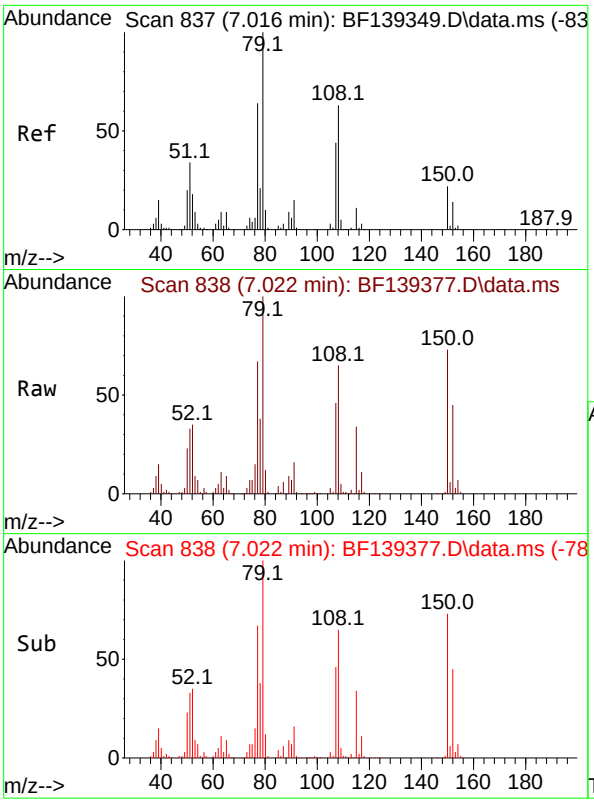


#14
1,2-Dichlorobenzene
Concen: 39.769 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:146 Resp: 180104

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.9	76.3
111	47.4	38.9	58.3



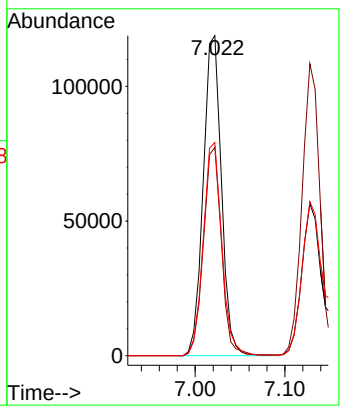


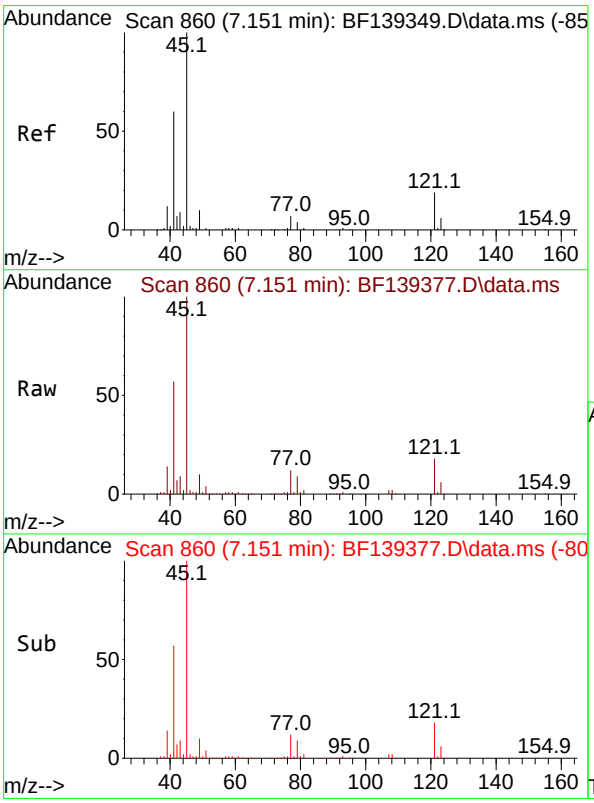
#15
Benzyl Alcohol
Concen: 39.435 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 167305

Ion	Ratio	Lower	Upper
79	100		
108	65.1	50.4	75.6
77	66.6	51.4	77.2

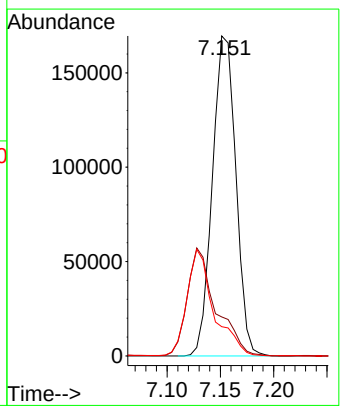


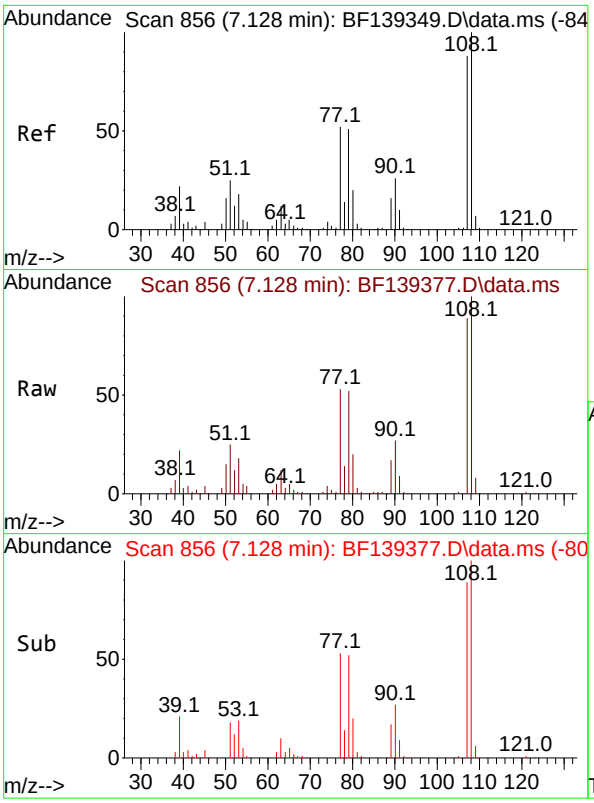


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.896 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 45 Resp: 259443

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.0
79	9.1	0.0	29.1



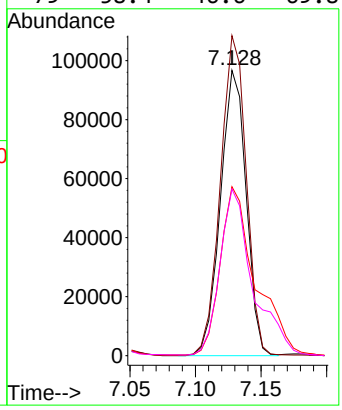


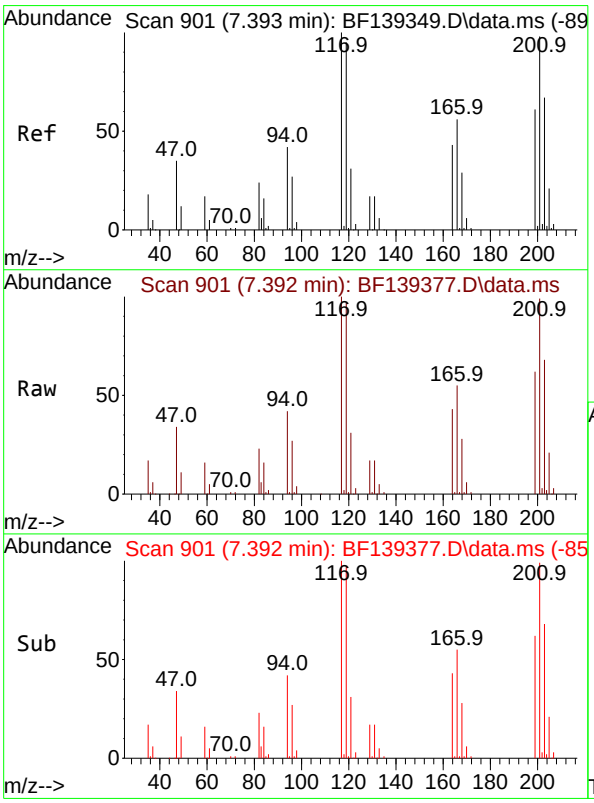
#17
2-Methylphenol
Concen: 39.729 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 131636

Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.5	135.7
77	59.2	47.1	70.7
79	58.4	46.6	69.8

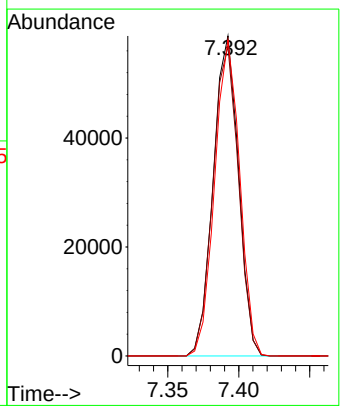


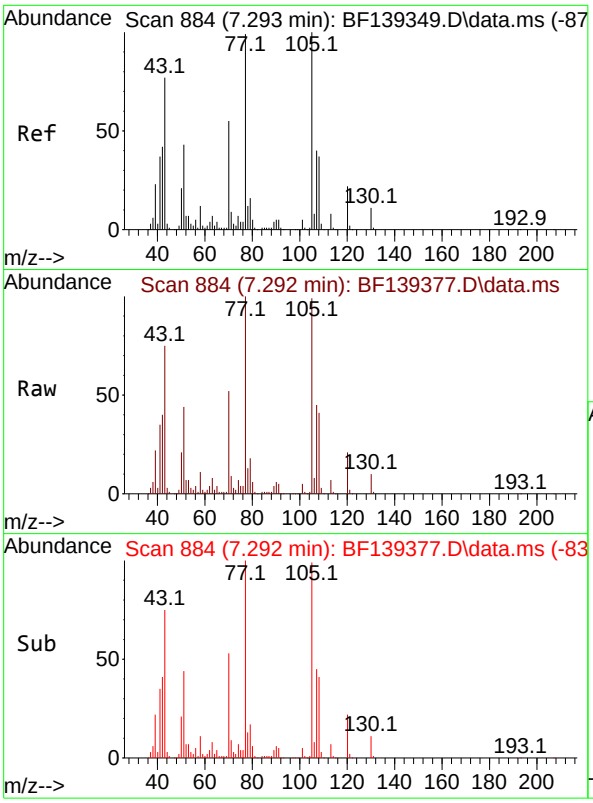


#18
Hexachloroethane
Concen: 39.803 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:117 Resp: 72661

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	98.8	78.6	118.0



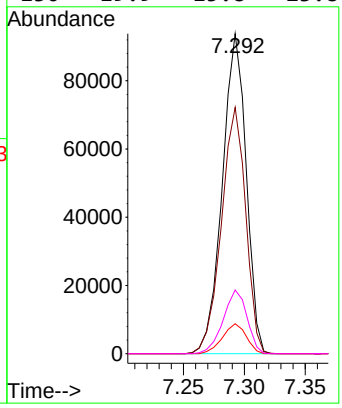


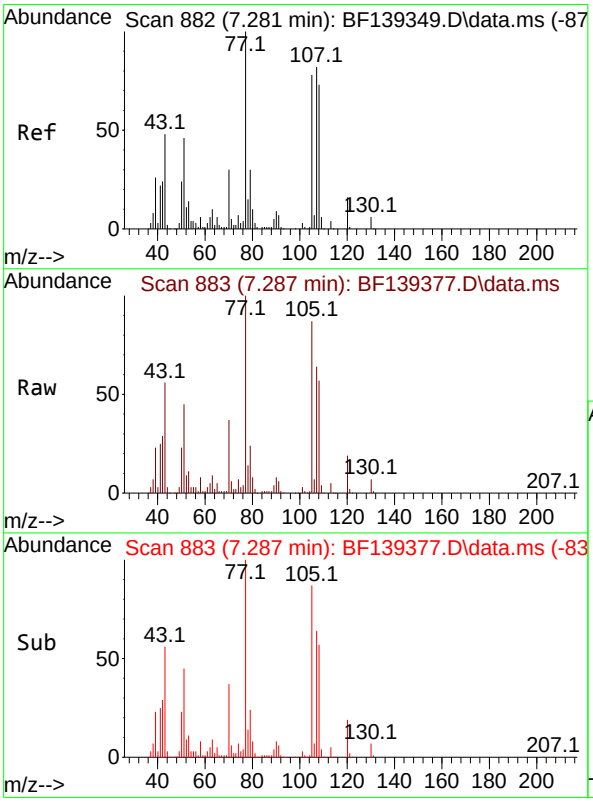
#19
n-Nitroso-di-n-propylamine
Concen: 40.524 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 127698

Ion	Ratio	Lower	Upper
70	100		
42	77.0	61.2	91.8
101	9.3	7.5	11.3
130	19.9	15.8	23.8

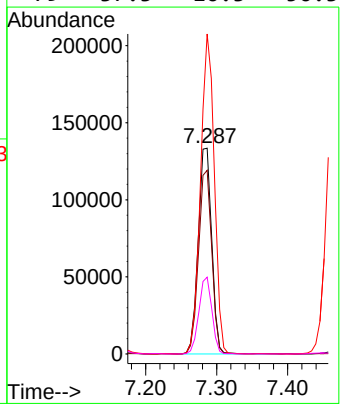


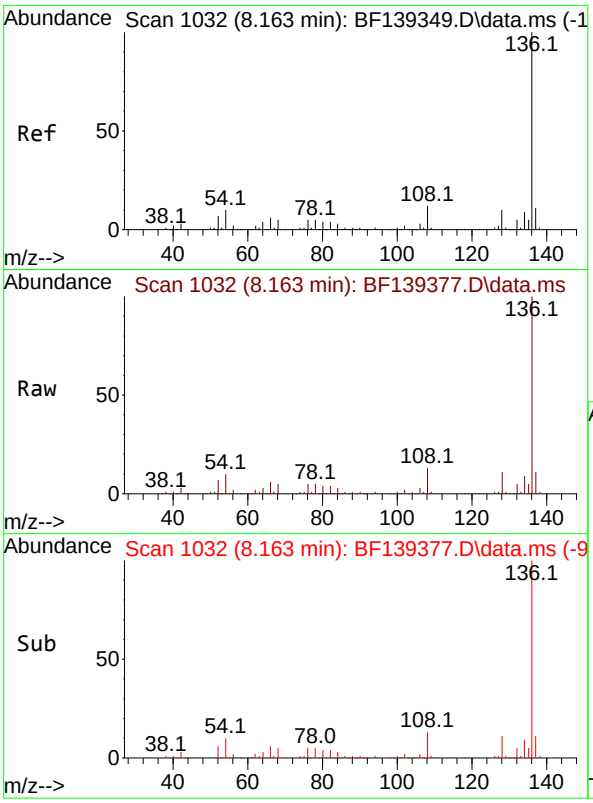


#20
3+4-Methylphenols
Concen: 39.204 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:107 Resp: 177222

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.6	108.6
77	155.5	101.6	141.6#
79	37.3	16.3	56.3



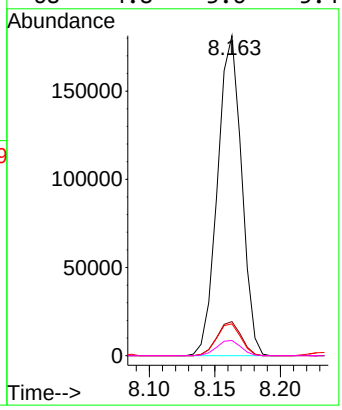


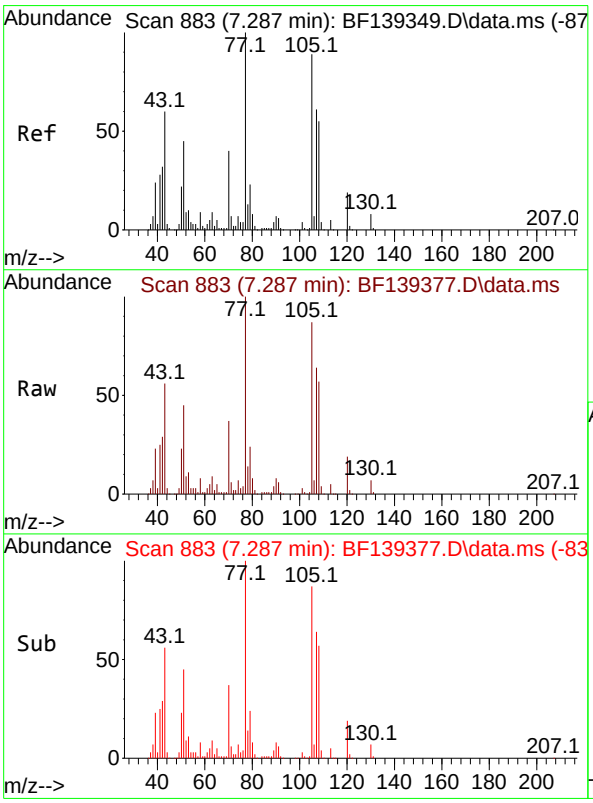
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 230944

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.9	7.8	11.8
68	4.8	3.6	5.4

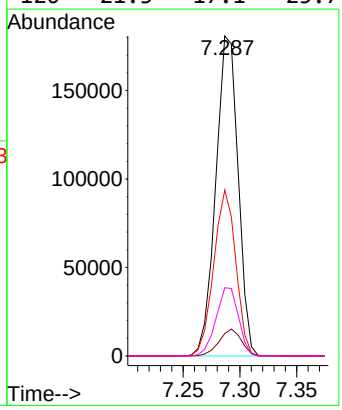


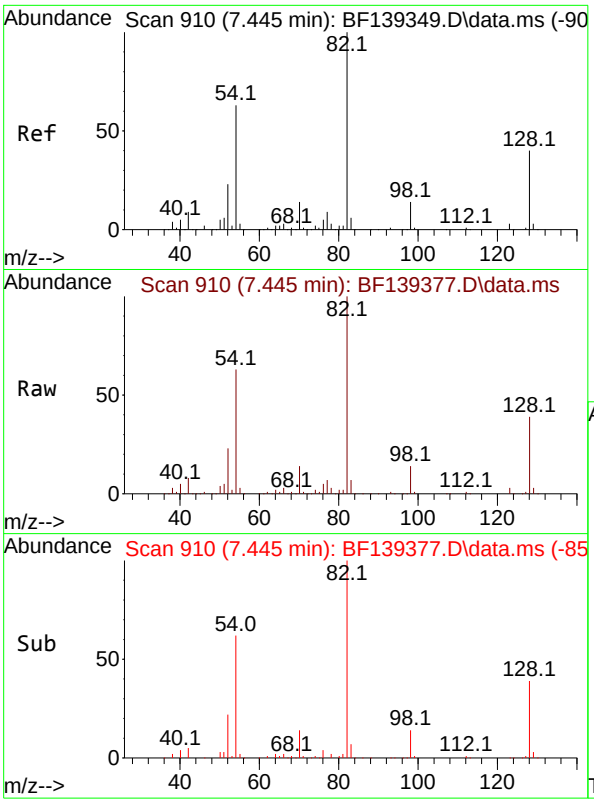


#22
Acetophenone
Concen: 41.115 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:105 Resp: 248234

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.9	8.9
51	51.9	40.0	60.0
120	21.3	17.1	25.7



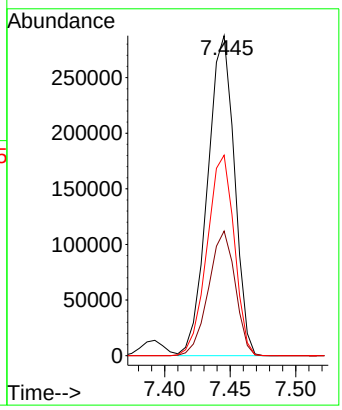


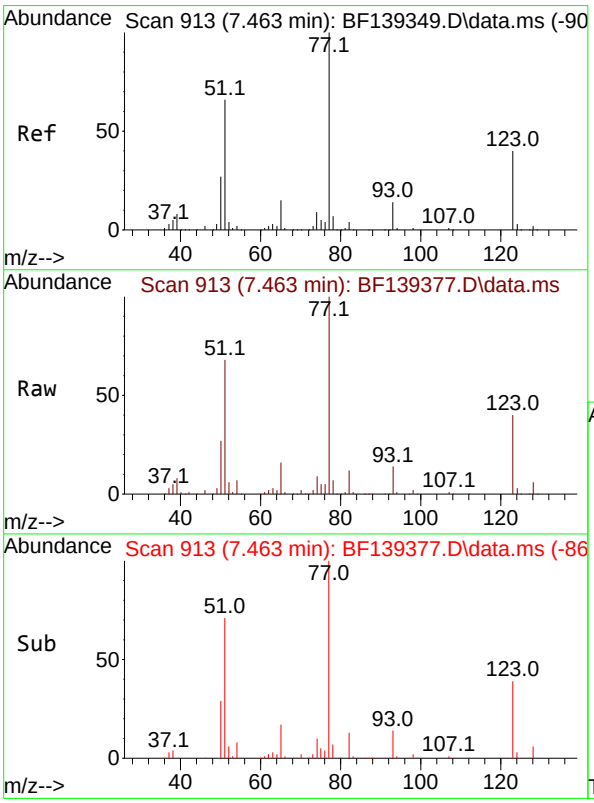
#23
Nitrobenzene-d5
Concen: 83.307 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 409247

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.8	47.6
54	62.6	50.6	75.8

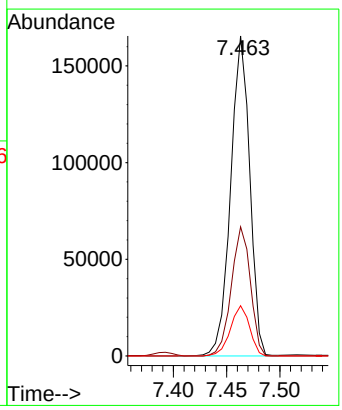


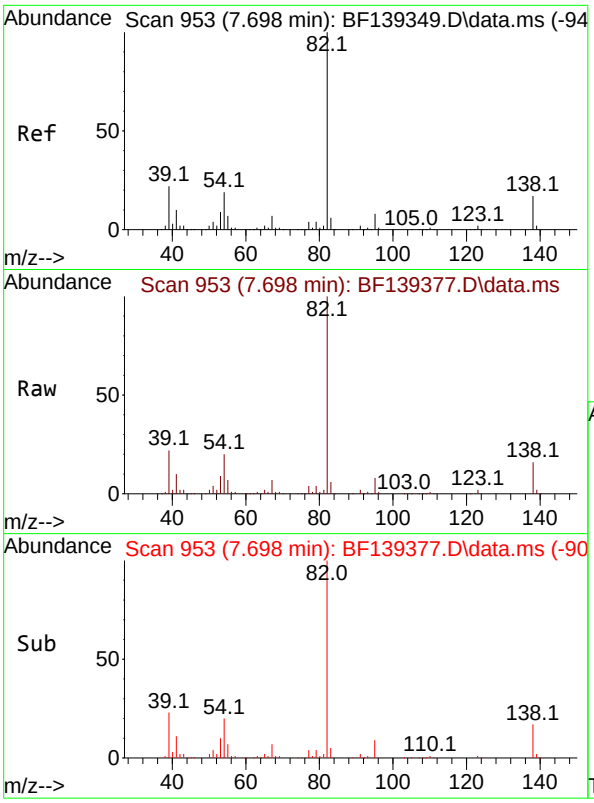


#24
Nitrobenzene
Concen: 40.917 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 77 Resp: 206879

Ion	Ratio	Lower	Upper
77	100		
123	40.4	32.2	48.4
65	15.7	12.2	18.4



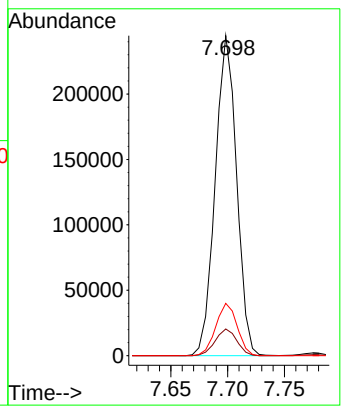


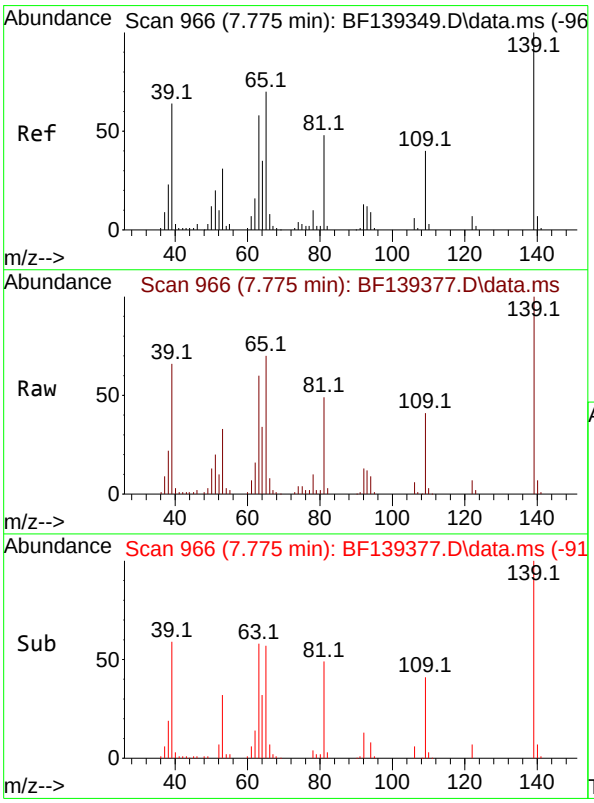
#25
Isophorone
Concen: 41.226 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 320290

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	16.3	13.3	19.9

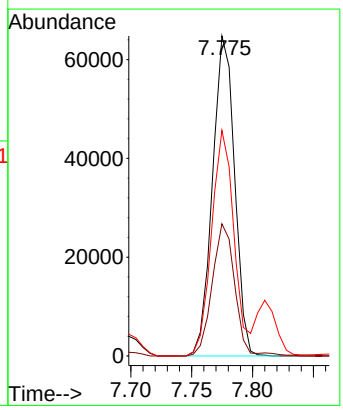


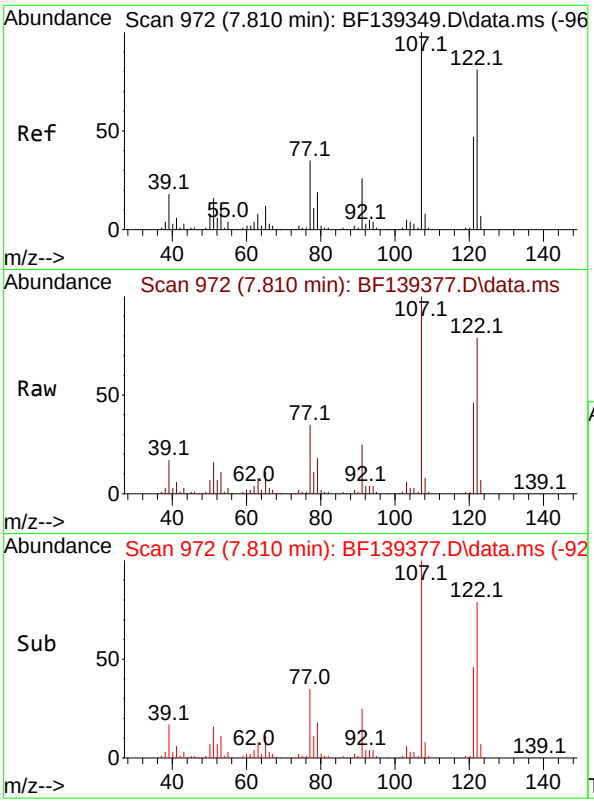


#26
2-Nitrophenol
Concen: 41.490 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:139 Resp: 81728

Ion	Ratio	Lower	Upper
139	100		
109	41.3	32.2	48.2
65	70.5	55.8	83.8



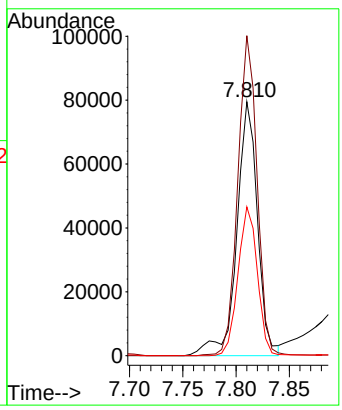


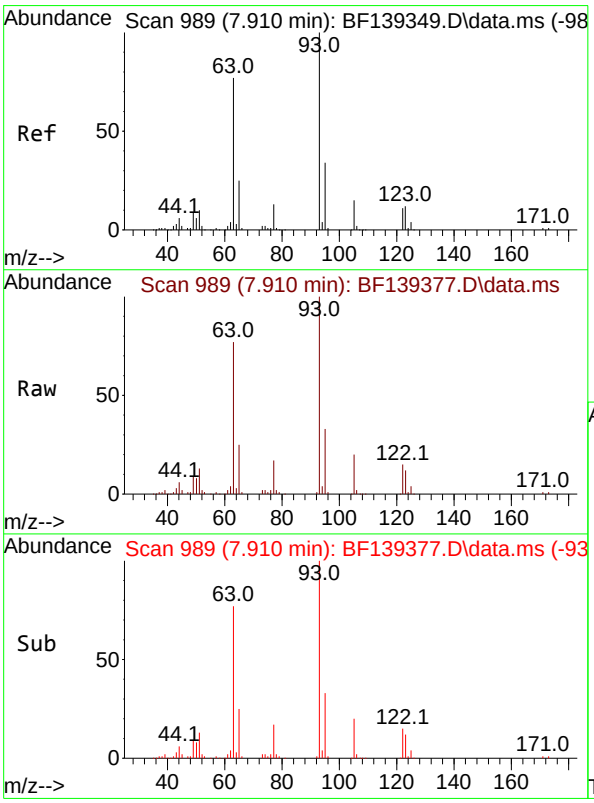
#27
2,4-Dimethylphenol
Concen: 41.426 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 107638

Ion	Ratio	Lower	Upper
122	100		
107	126.0	99.1	148.7
121	58.6	46.6	70.0

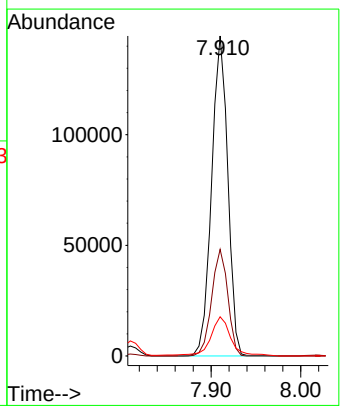


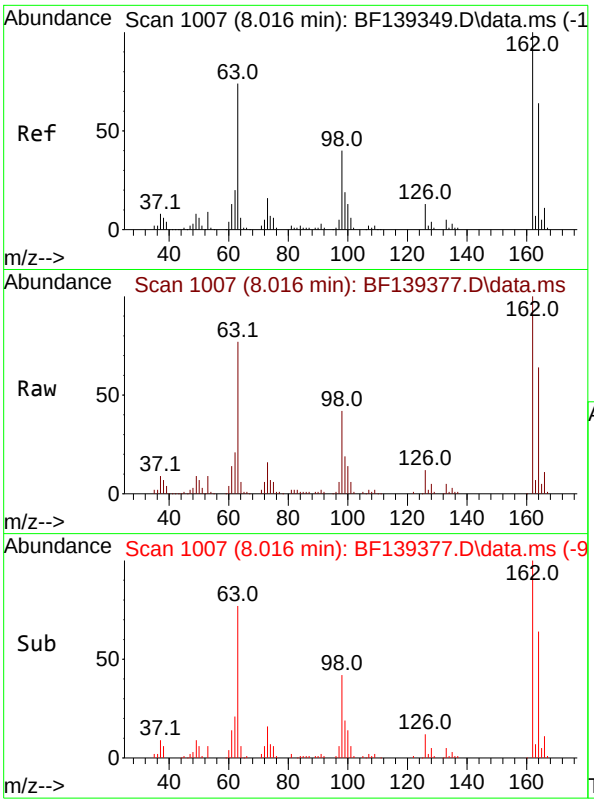


#28
bis(2-Chloroethoxy)methane
Concen: 40.886 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 93 Resp: 181037

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	12.2	10.0	15.0



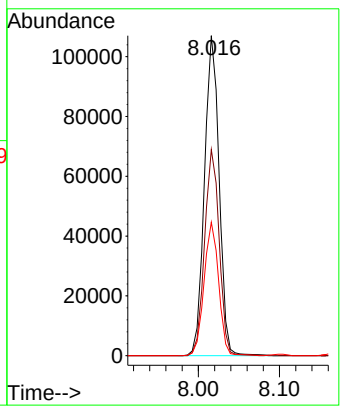


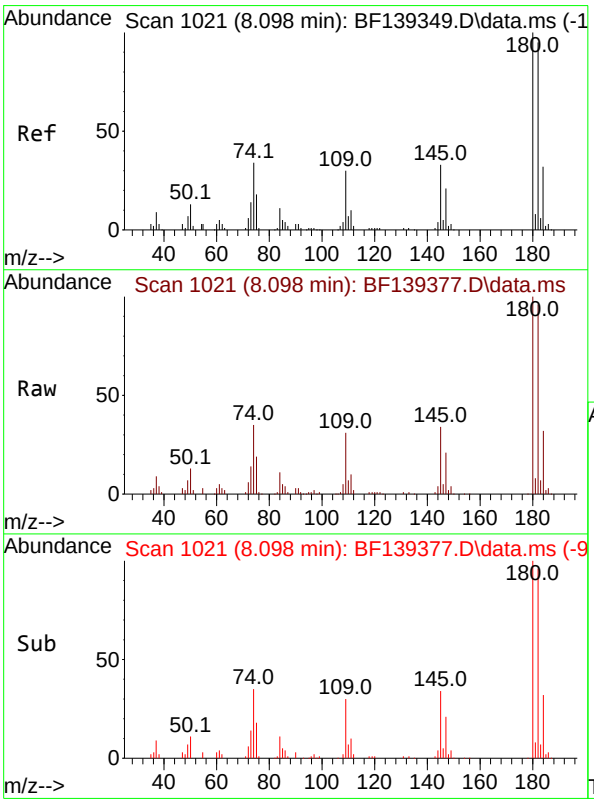
#29
2,4-Dichlorophenol
Concen: 40.675 ng
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 134262

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	41.7	19.7	59.7

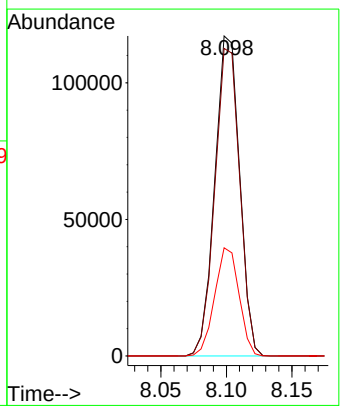


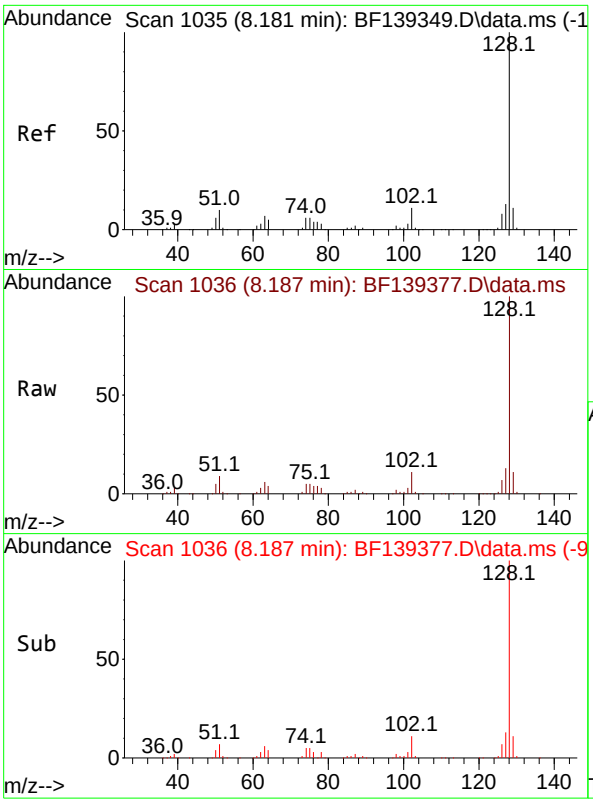


#30
1,2,4-Trichlorobenzene
Concen: 40.040 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:180 Resp: 153999

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	33.8	26.5	39.7



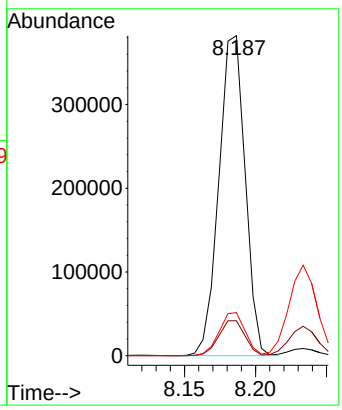


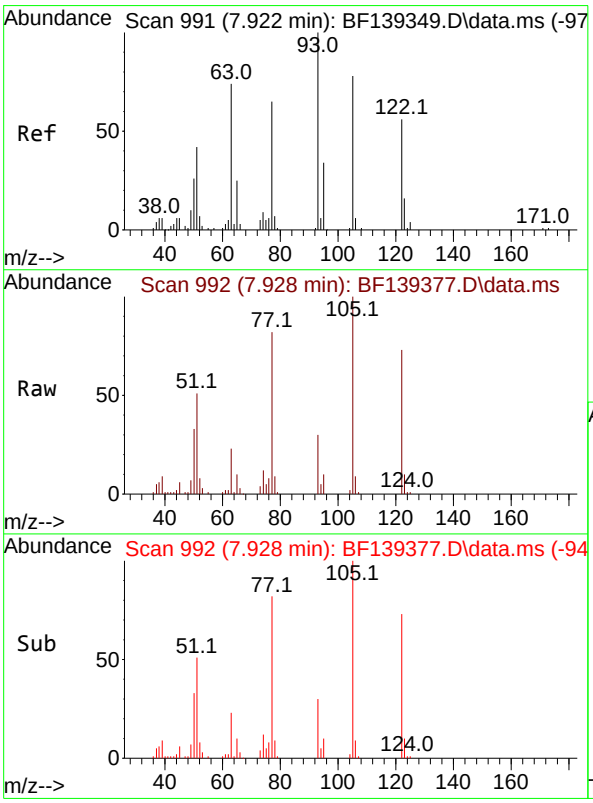
#31
Naphthalene
Concen: 40.811 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 492048

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.6	16.0

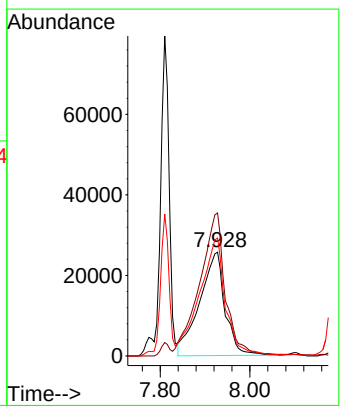


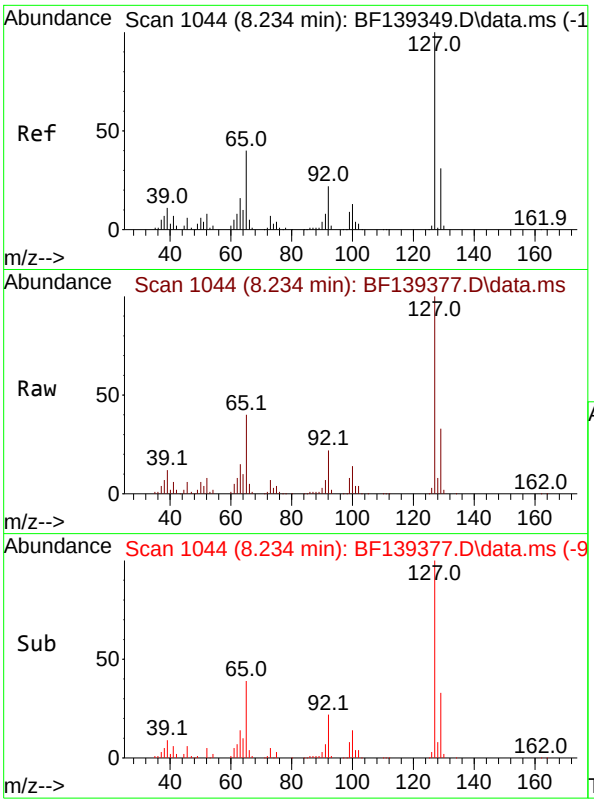


#32
Benzoic acid
Concen: 41.552 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:122 Resp: 101039

Ion	Ratio	Lower	Upper
122	100		
105	137.8	117.1	157.1
77	113.6	95.4	135.4



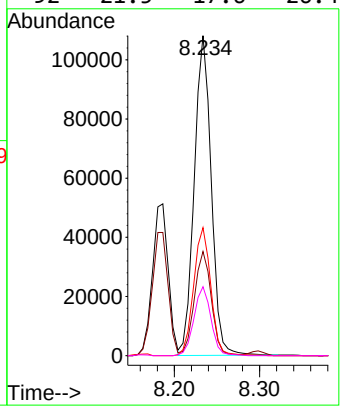


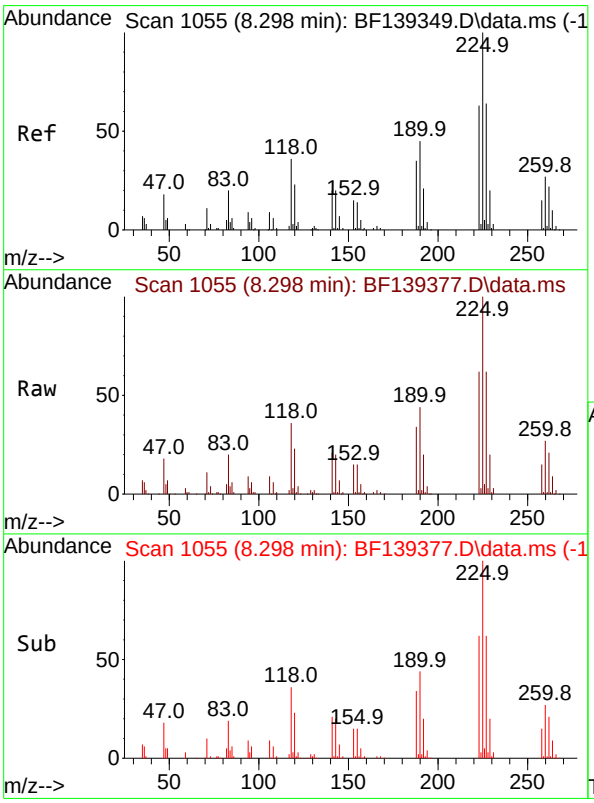
#33
4-Chloroaniline
Concen: 40.580 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 149676

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	40.0	31.5	47.3
92	21.5	17.6	26.4

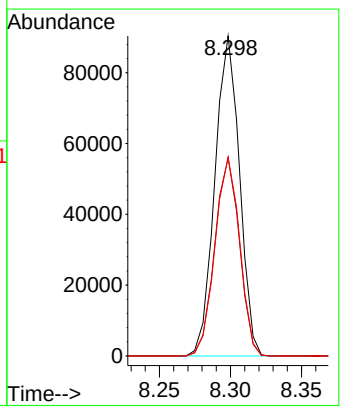


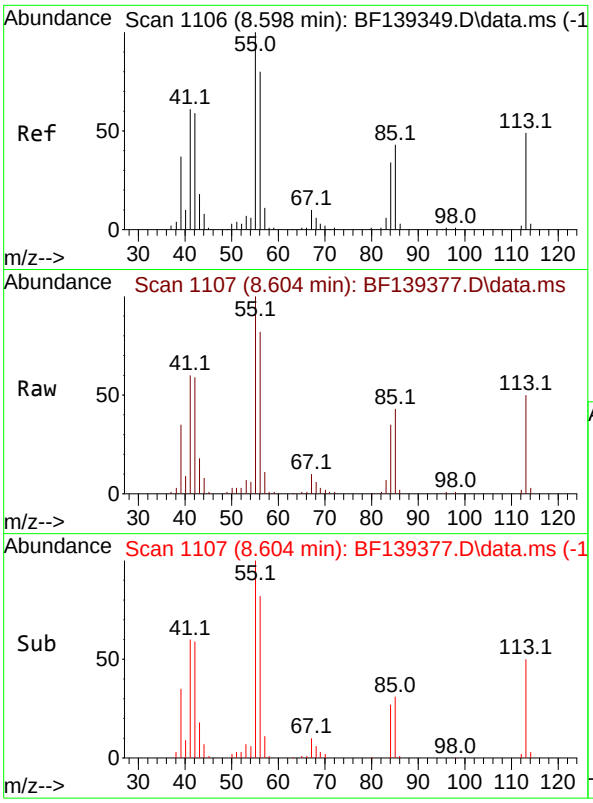


#34
Hexachlorobutadiene
Concen: 41.645 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:225 Resp: 108817

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.1	75.1
227	62.1	51.0	76.6



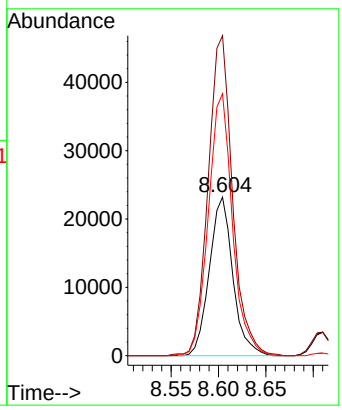


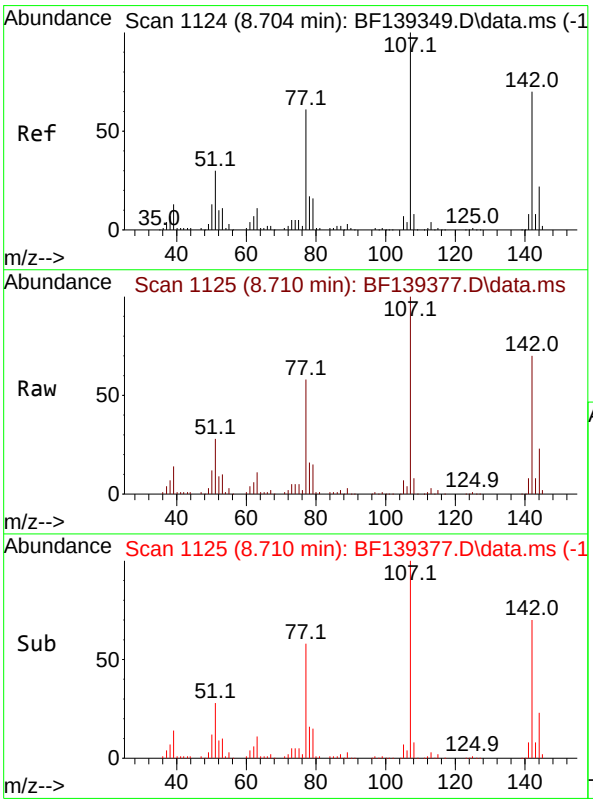
#35
Caprolactam
Concen: 39.424 ng
RT: 8.604 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 40031

Ion	Ratio	Lower	Upper
113	100		
55	201.8	186.1	226.1
56	165.2	144.9	184.9

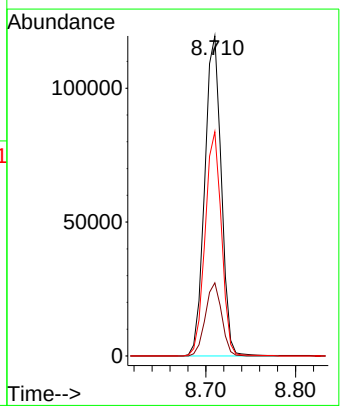


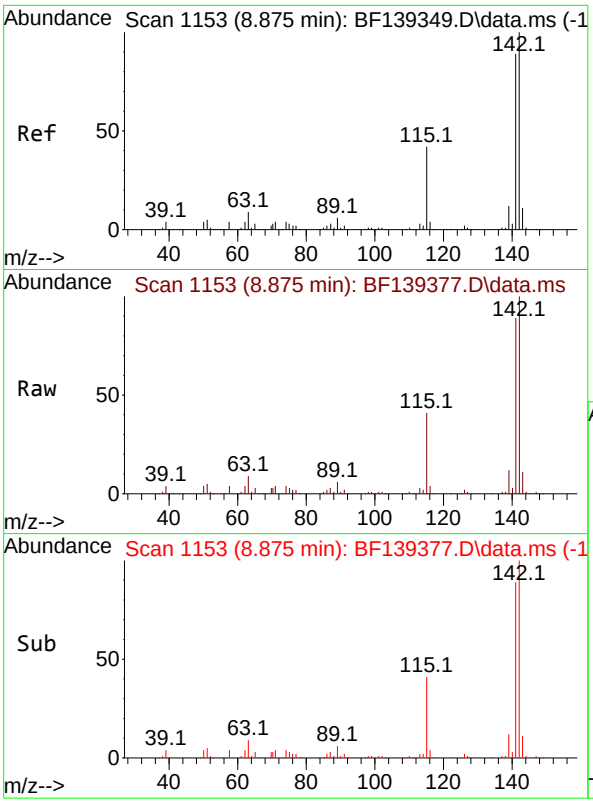


#36
4-Chloro-3-methylphenol
Concen: 40.528 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:107 Resp: 152889

Ion	Ratio	Lower	Upper
107	100		
144	22.8	17.5	26.3
142	70.1	55.8	83.8



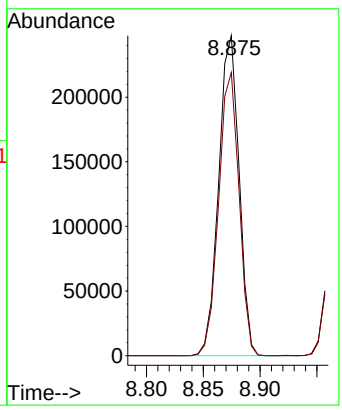


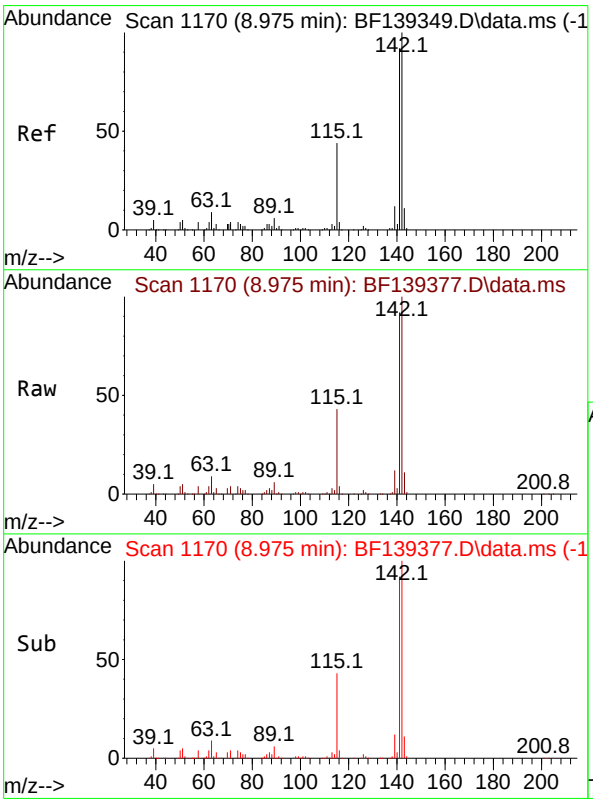
#37
2-Methylnaphthalene
Concen: 40.440 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 309476

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4

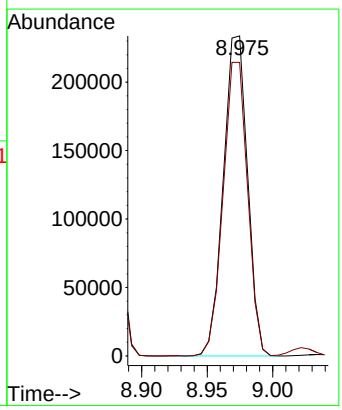


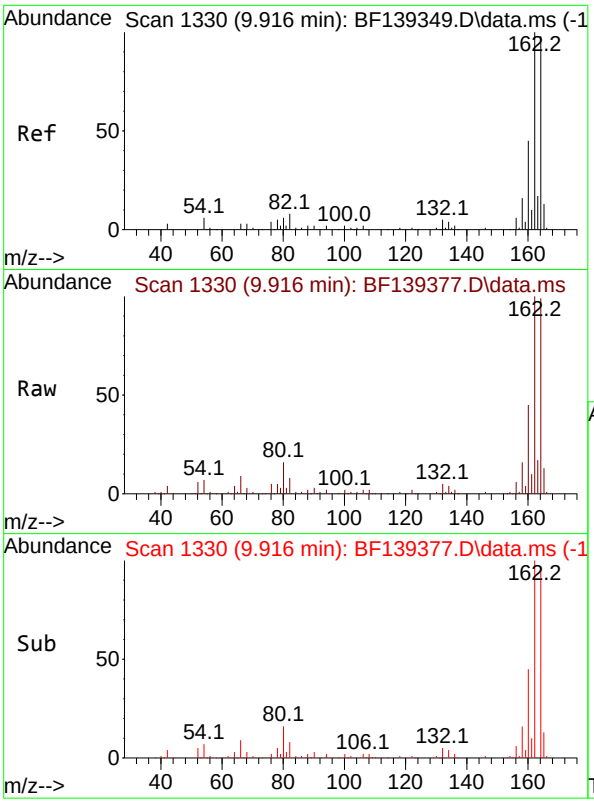


#38
1-Methylnaphthalene
Concen: 40.060 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:142 Resp: 300979

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8



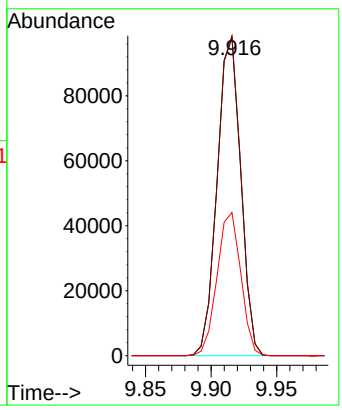


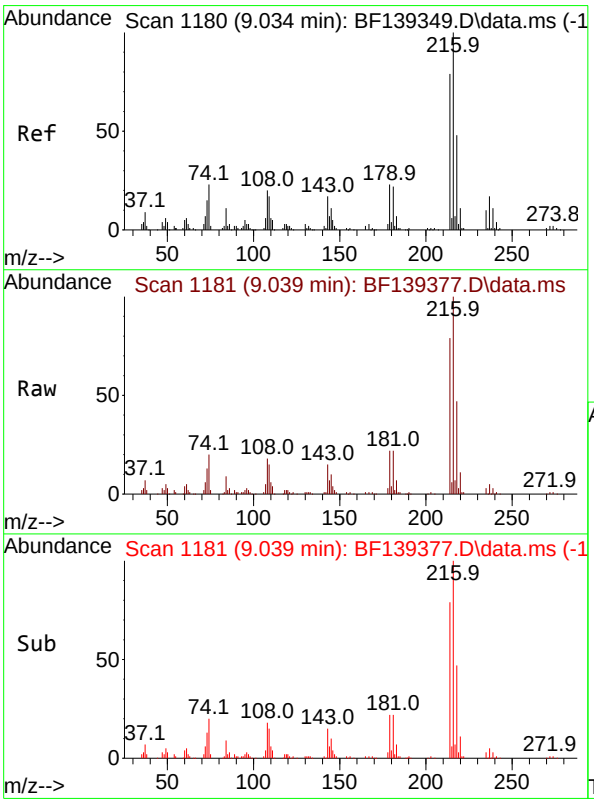
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 122358

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	45.1	36.4	54.6

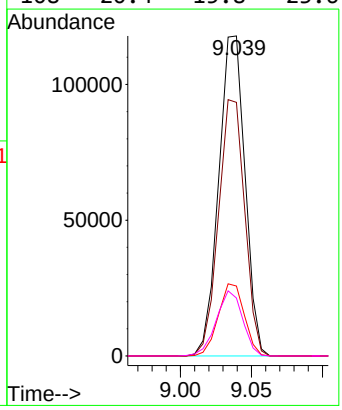


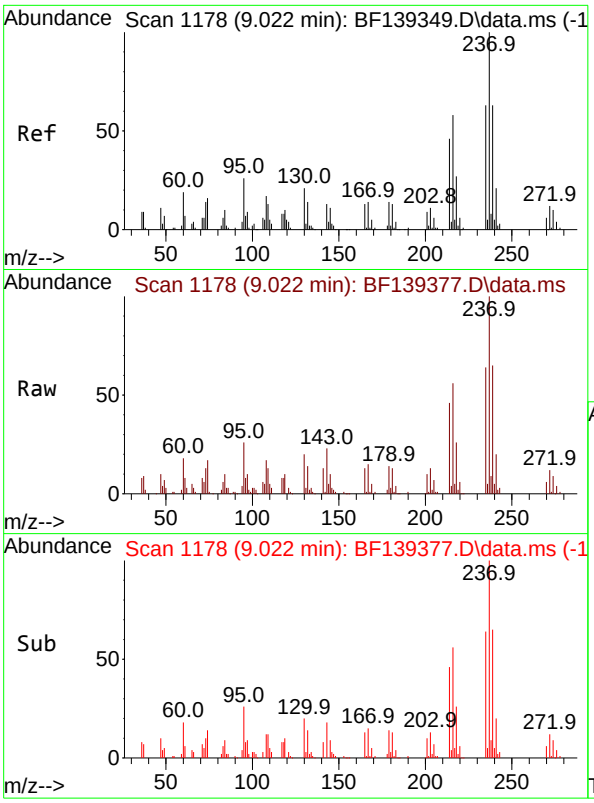


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.894 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:216 Resp: 151921

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.3	18.2	27.2
108	20.4	15.8	23.6



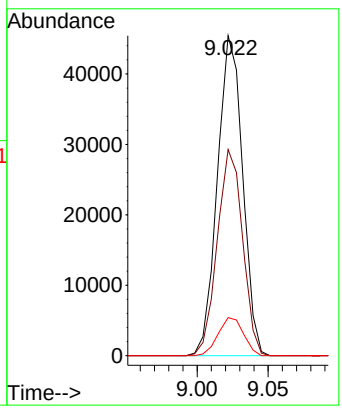


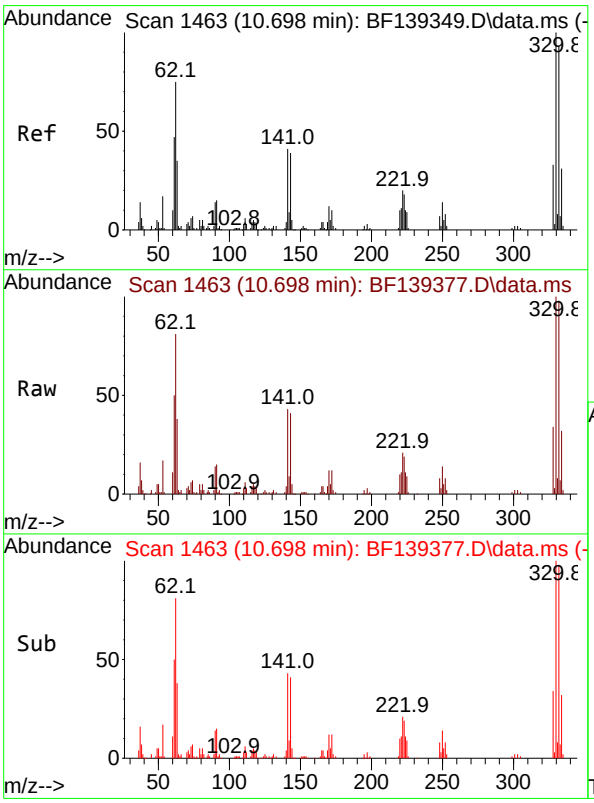
#41
Hexachlorocyclopentadiene
Concen: 44.327 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 56125

Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.7	82.7
272	11.9	0.0	32.5

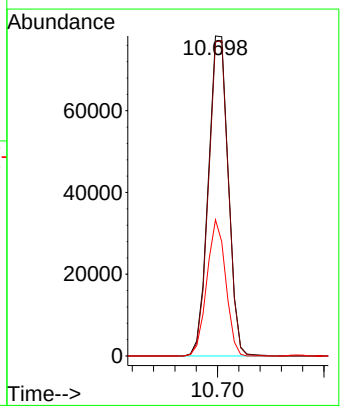


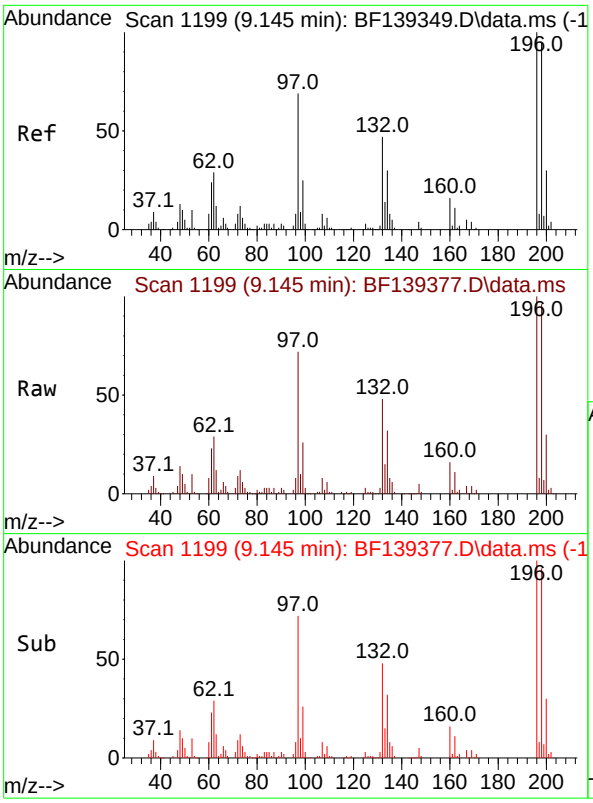


#42
2,4,6-Tribromophenol
Concen: 78.227 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:330 Resp: 101902

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.2	112.8
141	40.1	31.2	46.8



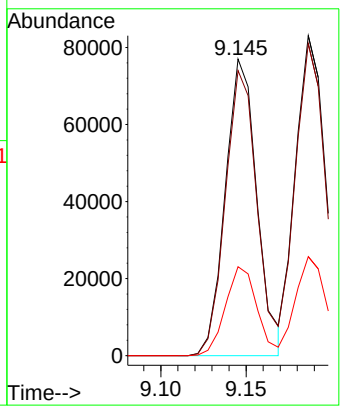


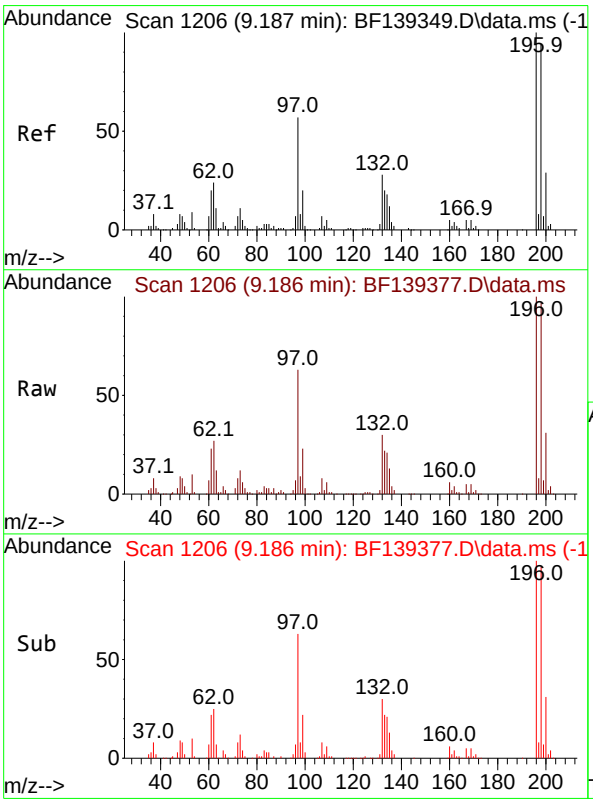
#43
2,4,6-Trichlorophenol
Concen: 42.099 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 99323

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.8	113.6
200	30.0	24.1	36.1

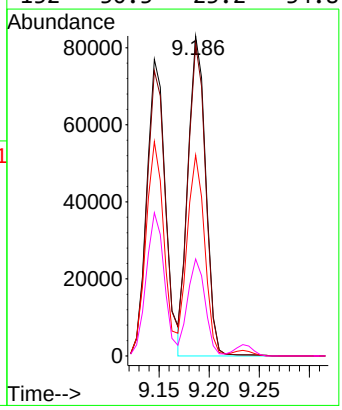


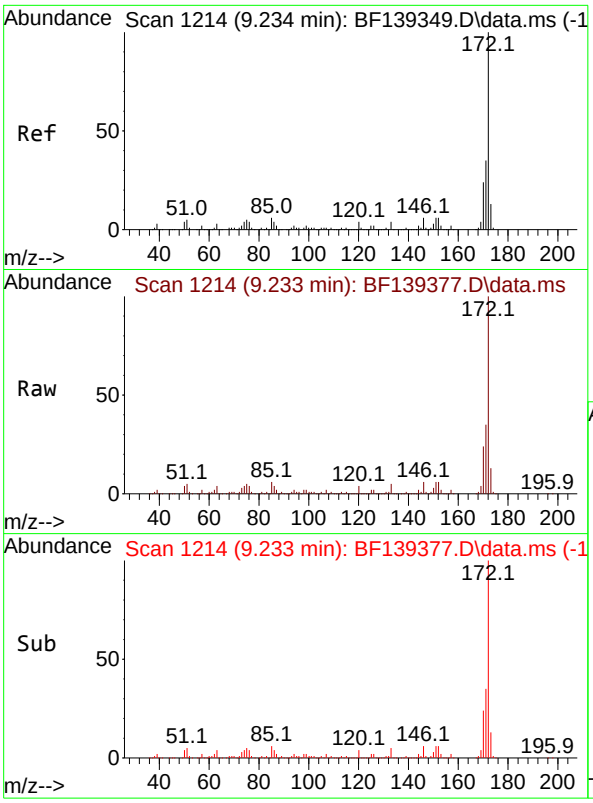


#44
2,4,5-Trichlorophenol
Concen: 41.068 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:196 Resp: 102202

Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.8	112.2
97	62.7	47.3	70.9
132	30.3	23.2	34.8



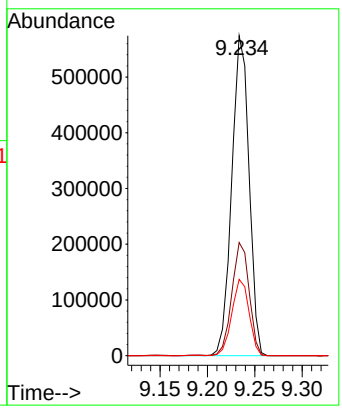


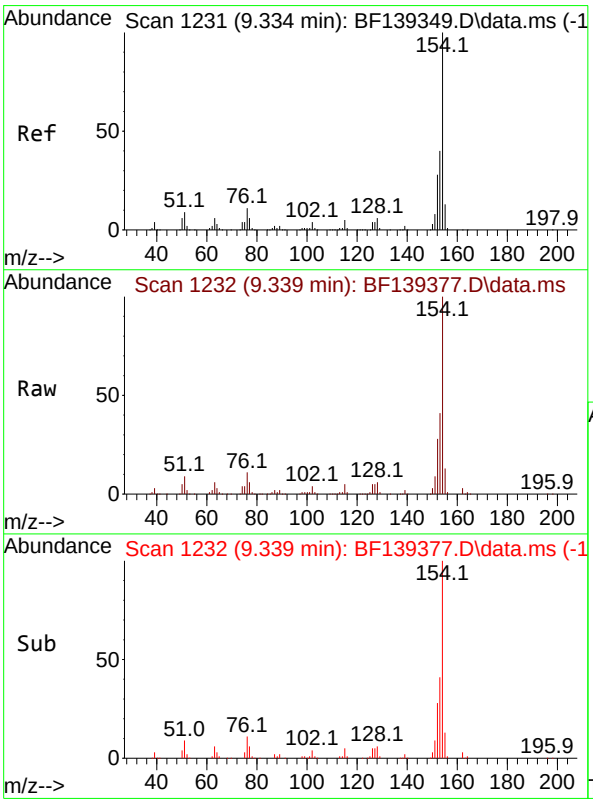
#45
2-Fluorobiphenyl
Concen: 83.451 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 728037

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.8	19.0	28.6

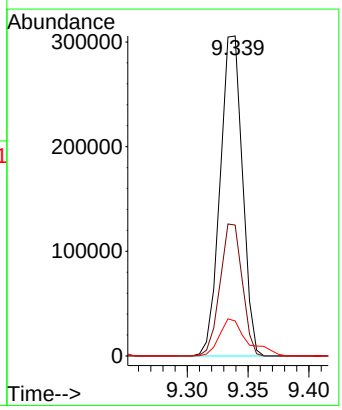


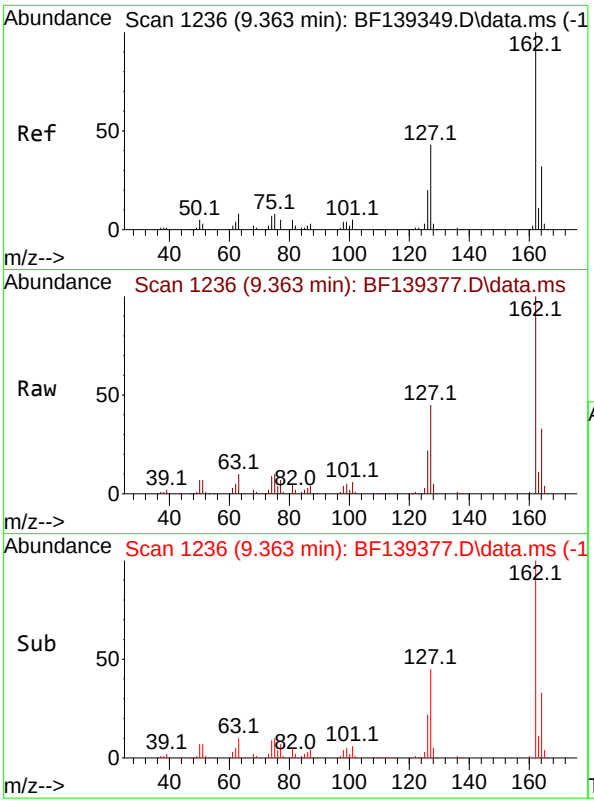


#46
1,1'-Biphenyl
Concen: 41.446 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:154 Resp: 390146

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.1	60.1
76	11.0	0.0	31.1



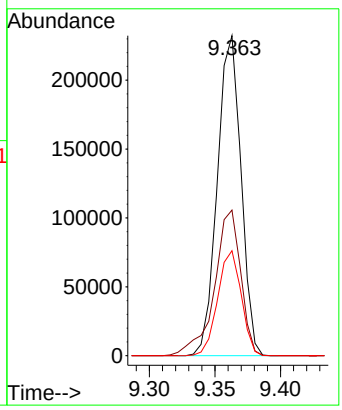


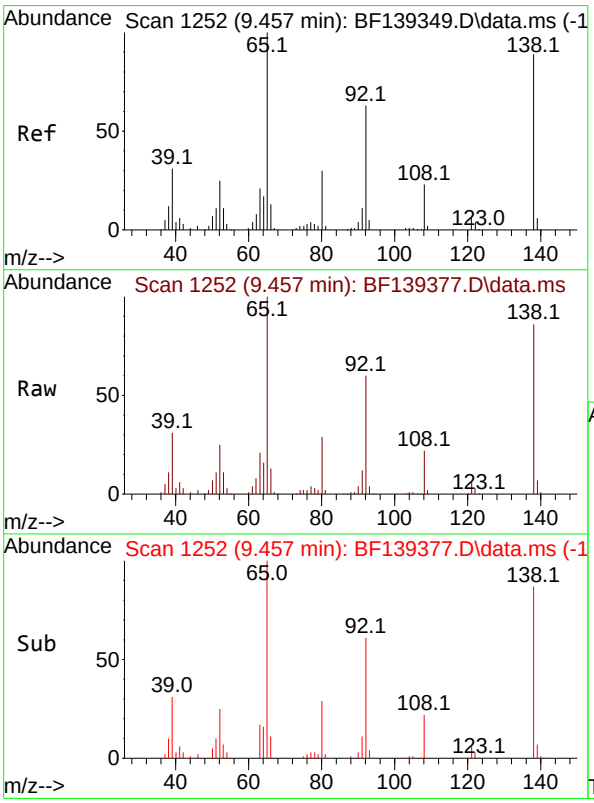
#47
2-Chloronaphthalene
Concen: 41.408 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 291444

Ion	Ratio	Lower	Upper
162	100		
127	45.5	35.0	52.4
164	32.8	25.8	38.6

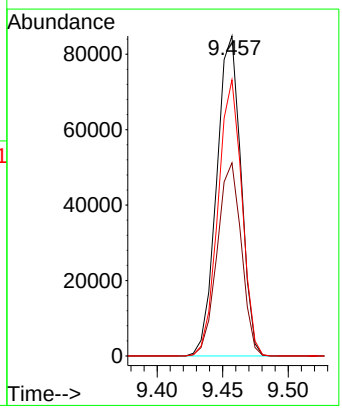


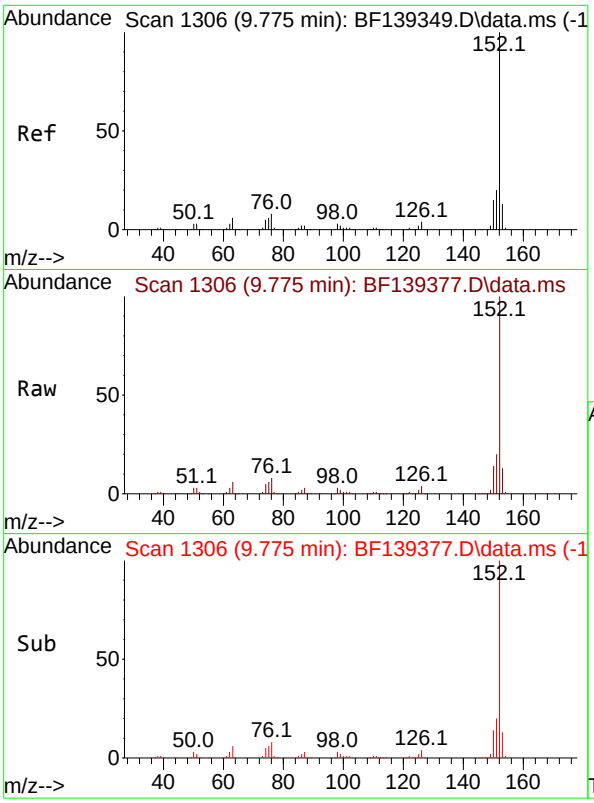


#48
2-Nitroaniline
Concen: 41.713 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion: 65 Resp: 109200

Ion	Ratio	Lower	Upper
65	100		
92	60.3	50.3	75.5
138	86.3	71.3	106.9



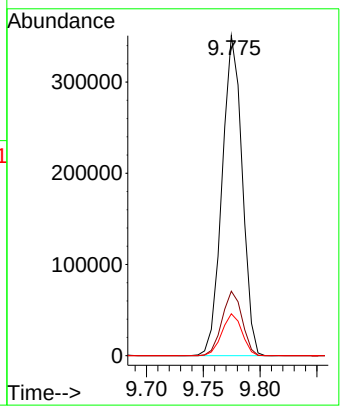


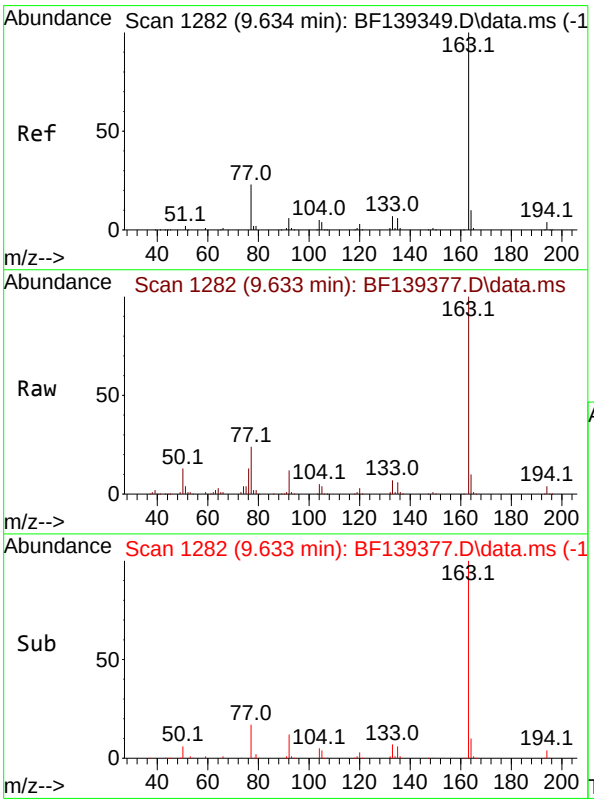
#49
Acenaphthylene
Concen: 40.863 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 432938

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.3	15.5

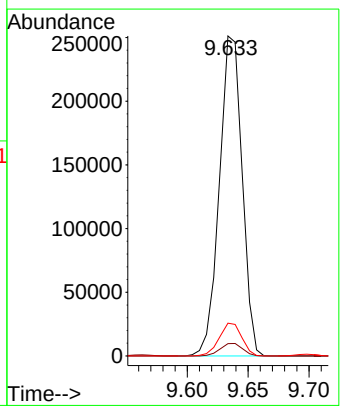


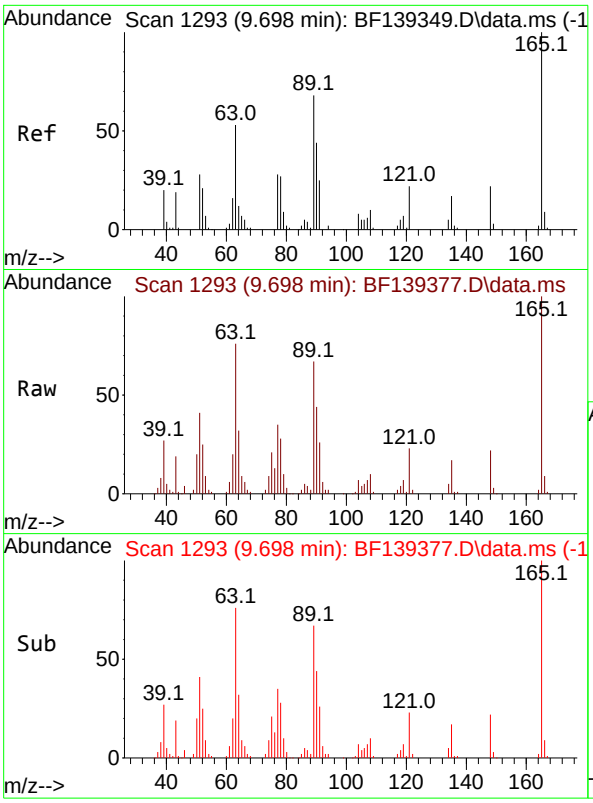


#50
Dimethylphthalate
Concen: 40.713 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:163 Resp: 326964

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.2	12.2



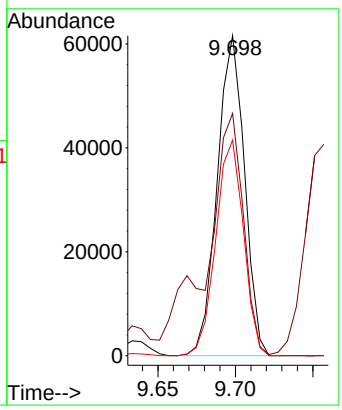


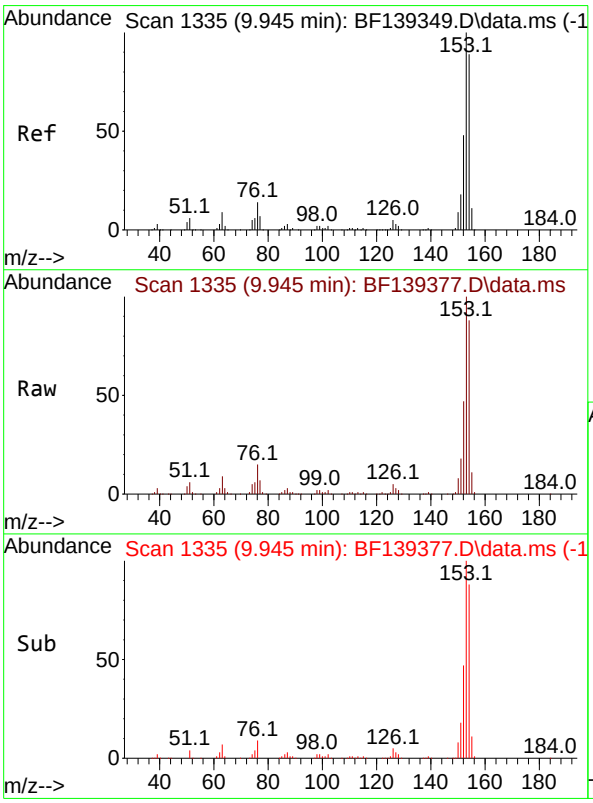
#51
2,6-Dinitrotoluene
Concen: 42.326 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 75302

Ion	Ratio	Lower	Upper
165	100		
63	75.7	60.9	91.3
89	67.4	54.7	82.1

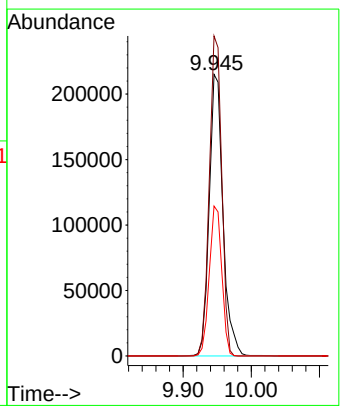


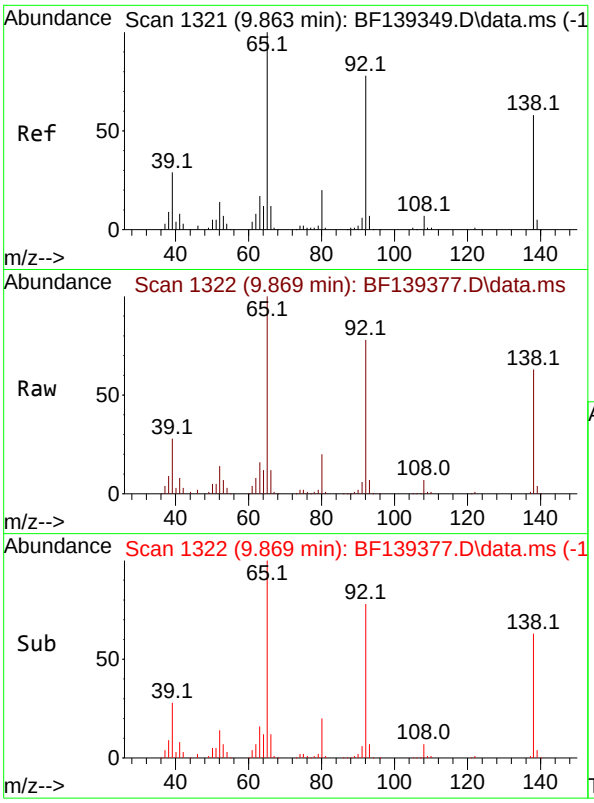


#52
Acenaphthene
Concen: 40.866 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:154 Resp: 302178

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.5	134.3
152	53.2	42.6	64.0



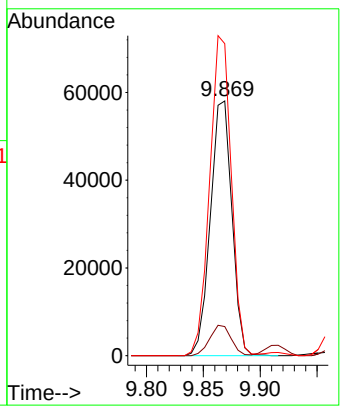


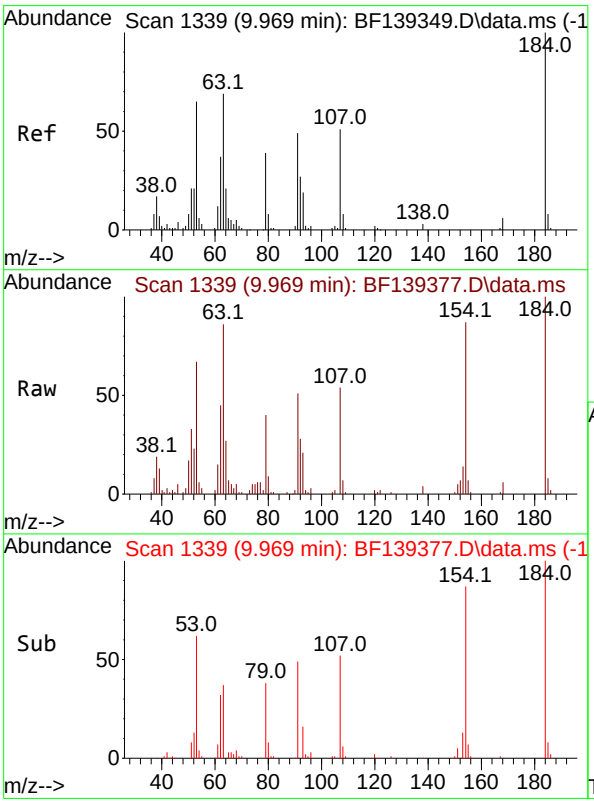
#53
3-Nitroaniline
Concen: 43.067 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 76572

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.8	14.8
92	122.5	107.4	161.2

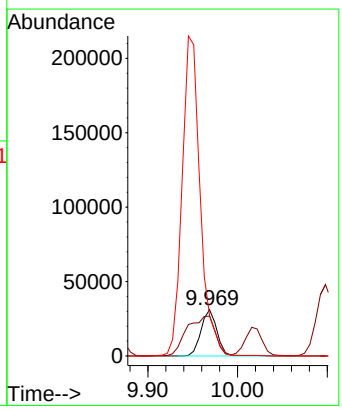


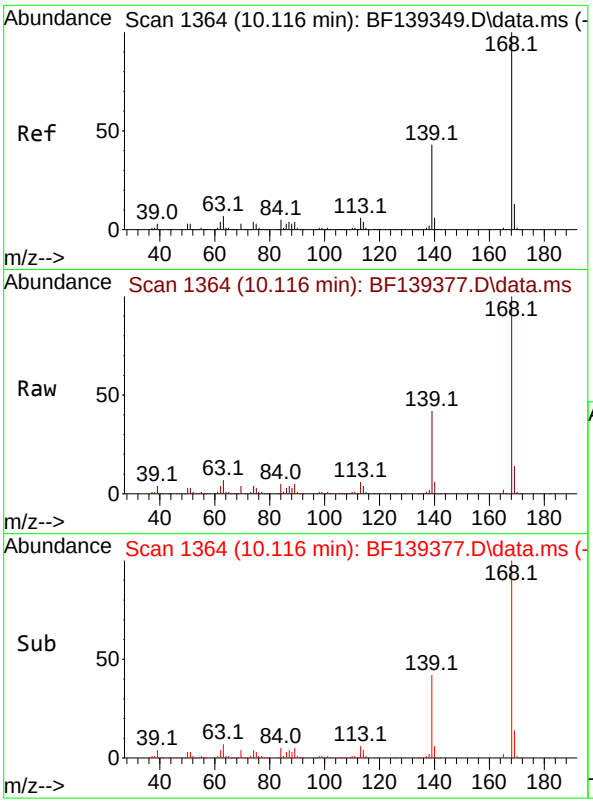


#54
2,4-Dinitrophenol
Concen: 38.724 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:184 Resp: 38389

Ion	Ratio	Lower	Upper
184	100		
63	86.3	69.3	103.9
154	87.2	67.5	101.3



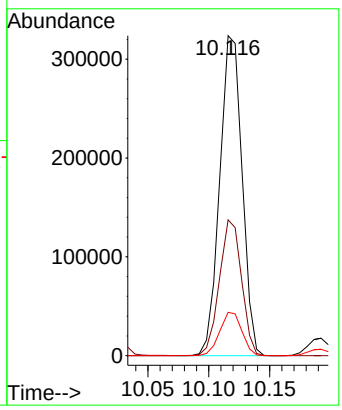


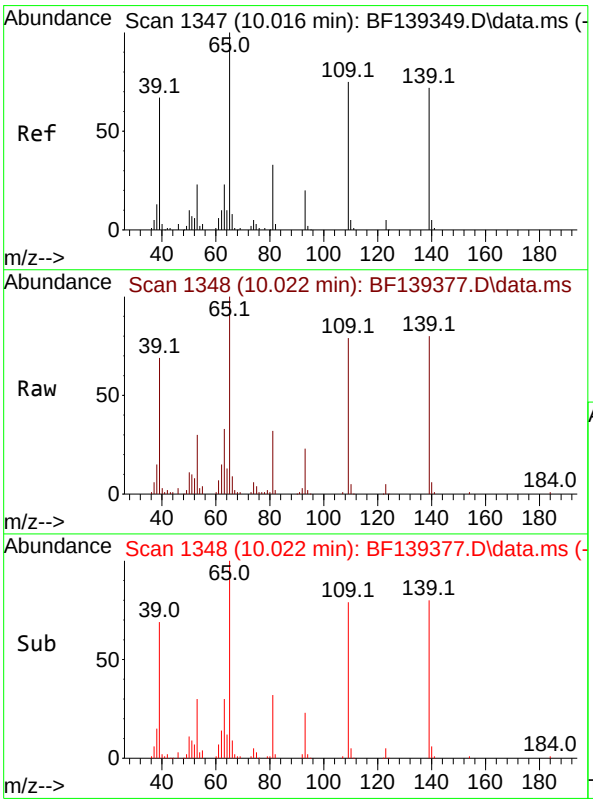
#55
Dibenzofuran
Concen: 40.236 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 414689

Ion	Ratio	Lower	Upper
168	100		
139	42.4	34.1	51.1
169	13.5	10.5	15.7

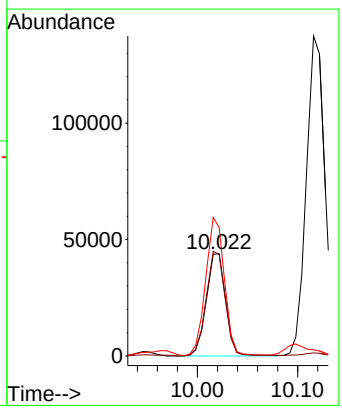


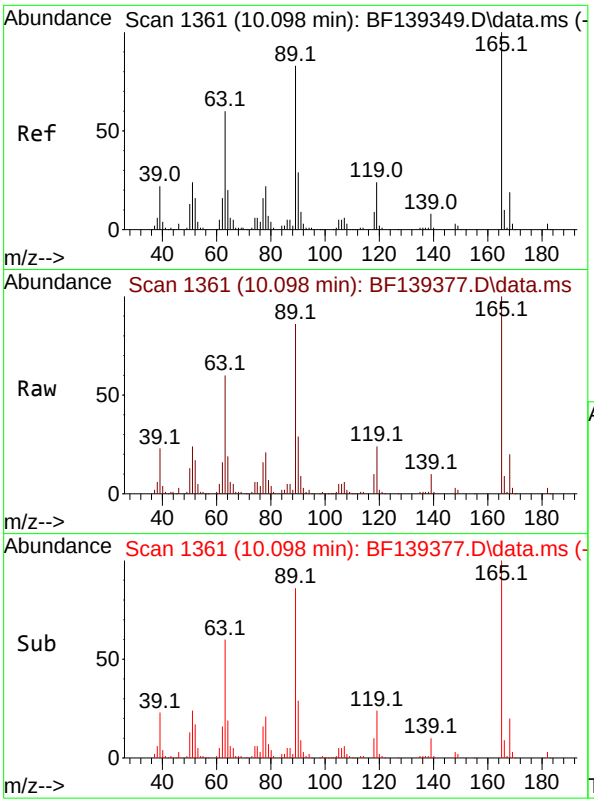


#56
4-Nitrophenol
Concen: 40.098 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:139 Resp: 58992

Ion	Ratio	Lower	Upper
139	100		
109	99.2	84.1	124.1
65	125.7	120.0	160.0



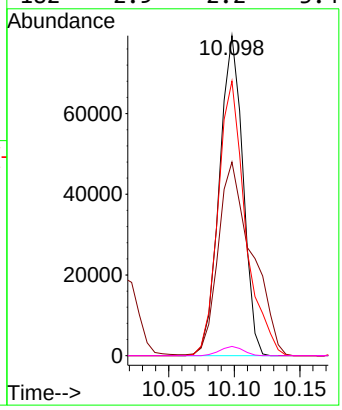


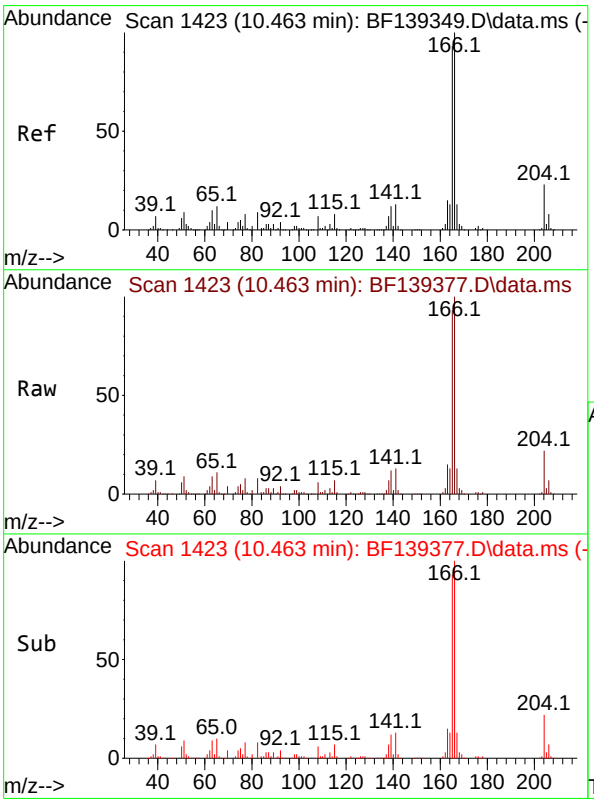
#57
2,4-Dinitrotoluene
Concen: 41.104 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 98729

Ion	Ratio	Lower	Upper
165	100		
63	60.5	47.8	71.6
89	85.8	66.7	100.1
182	2.9	2.2	3.4

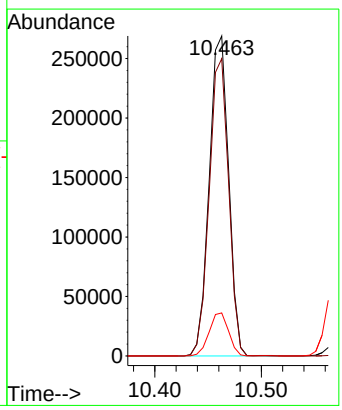


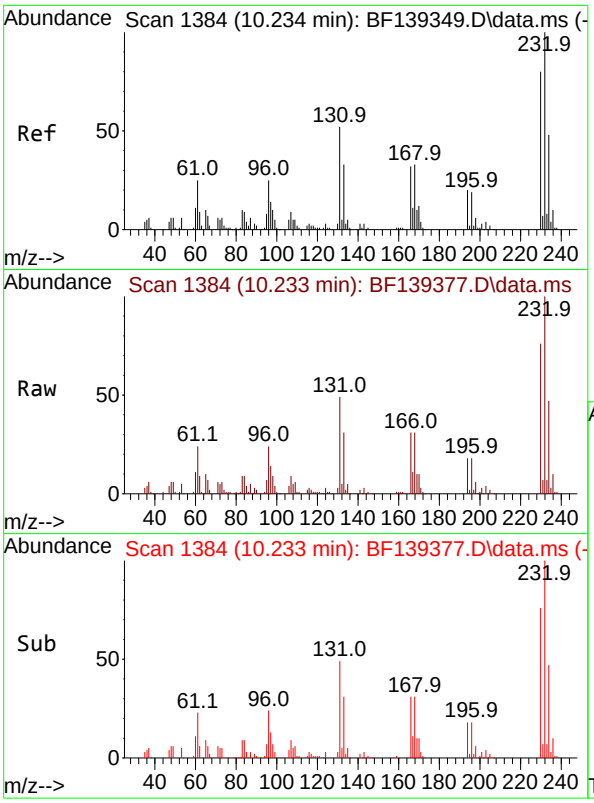


#58
Fluorene
Concen: 40.449 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:166 Resp: 340138

Ion	Ratio	Lower	Upper
166	100		
165	92.9	74.5	111.7
167	13.5	10.6	16.0



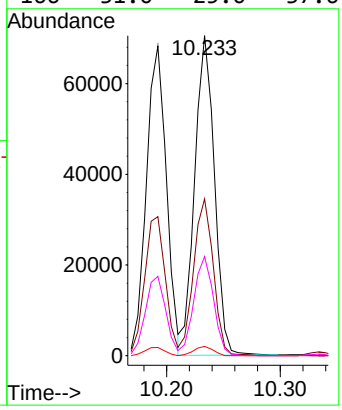


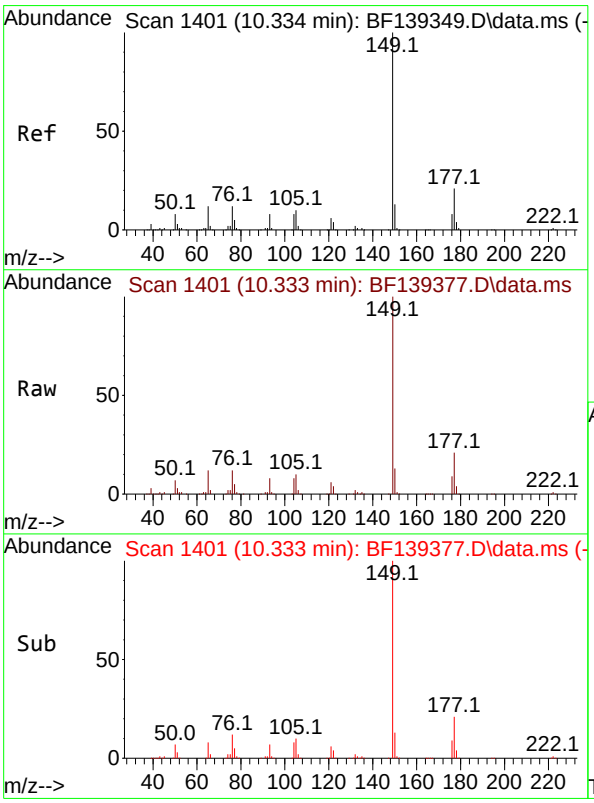
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.442 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 85315

Ion	Ratio	Lower	Upper
232	100		
131	49.0	40.7	61.1
130	2.8	2.2	3.2
166	31.0	25.0	37.6

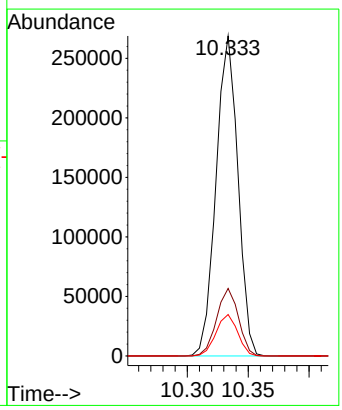


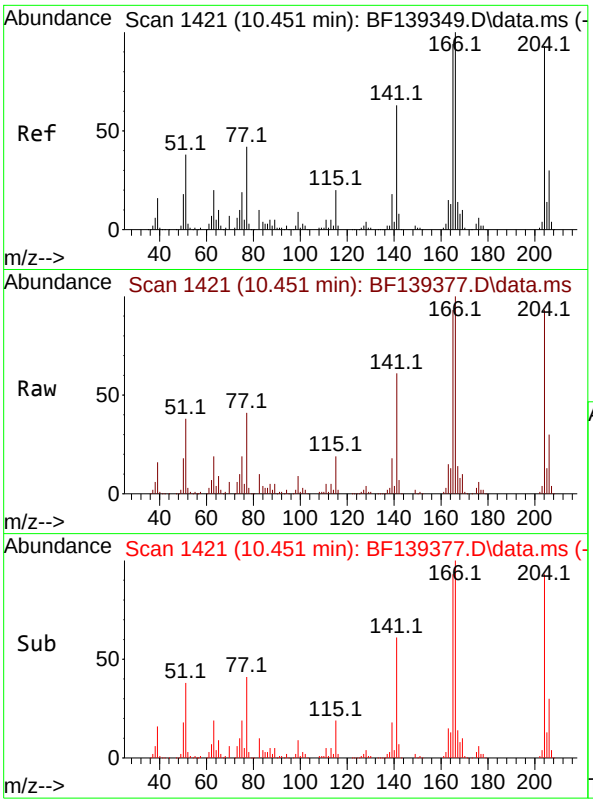


#60
Diethylphthalate
Concen: 40.532 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:149 Resp: 335912

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	24.8
150	12.9	10.6	15.8



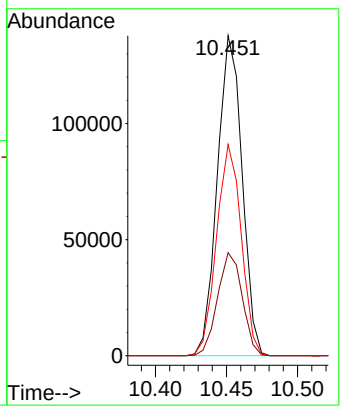


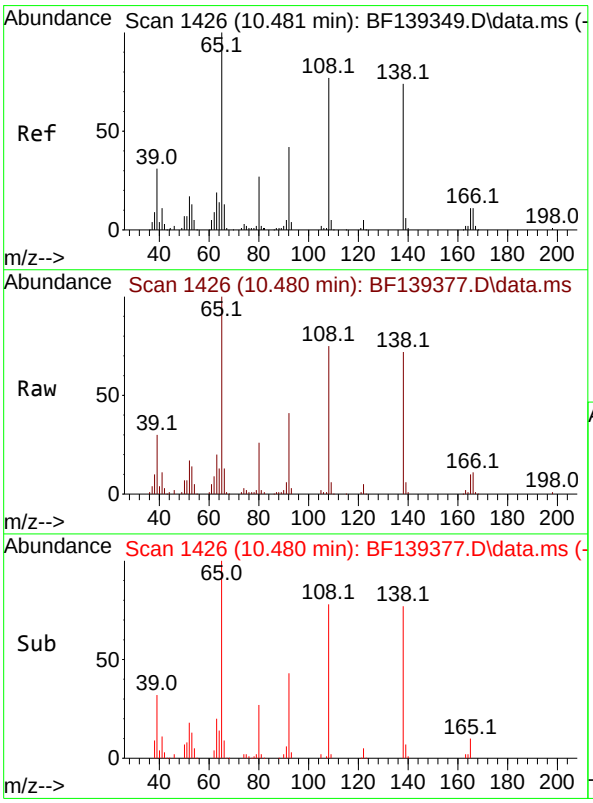
#61
4-Chlorophenyl-phenylether
Concen: 40.879 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 167063

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	66.0	53.9	80.9

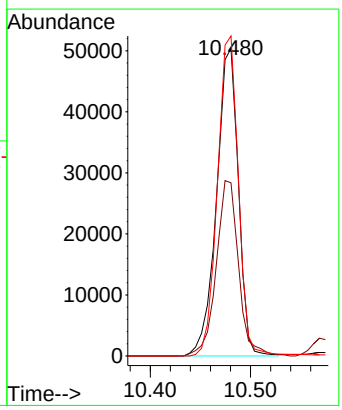


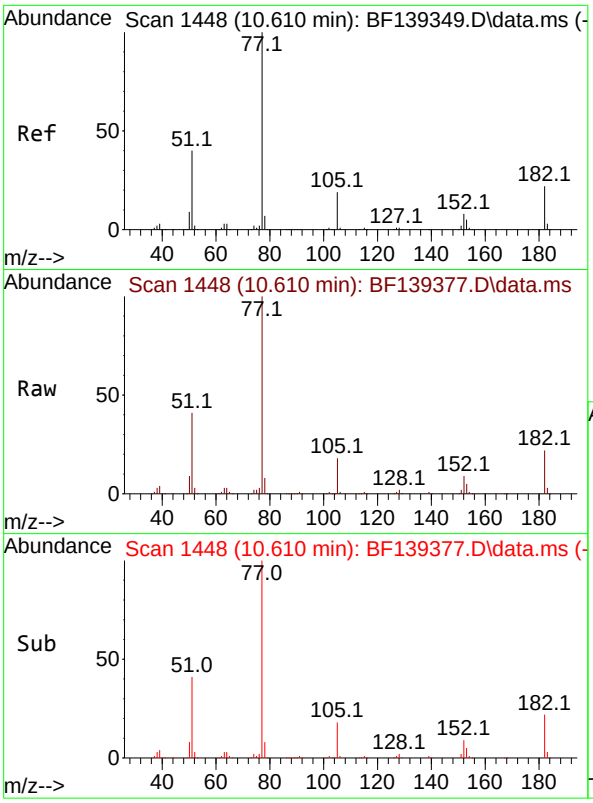


#62
4-Nitroaniline
Concen: 39.234 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:138 Resp: 76133

Ion	Ratio	Lower	Upper
138	100		
92	56.3	37.0	77.0
108	104.0	84.4	124.4



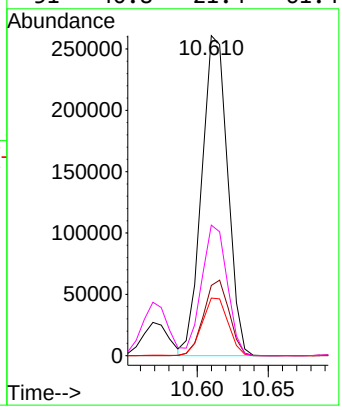


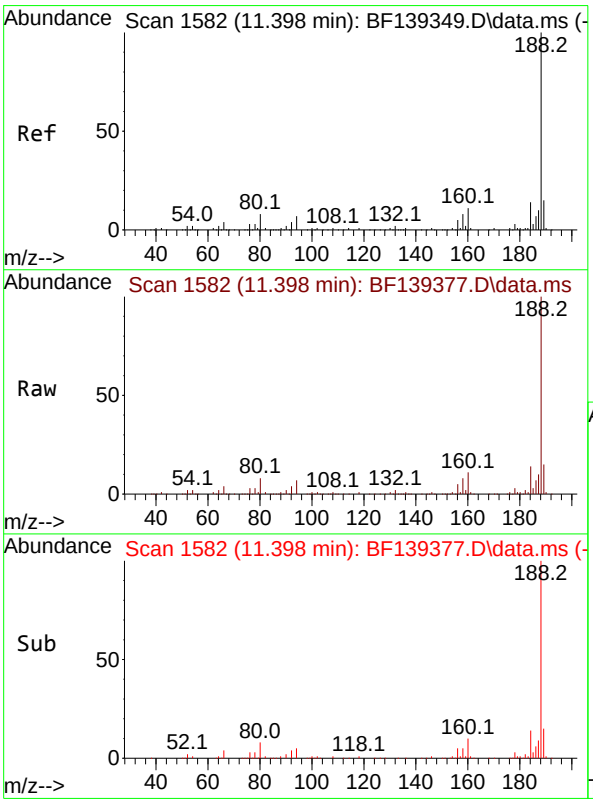
#63
Azobenzene
Concen: 40.634 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 331221

Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.8	41.8
105	18.0	0.0	38.6
51	40.8	21.4	61.4

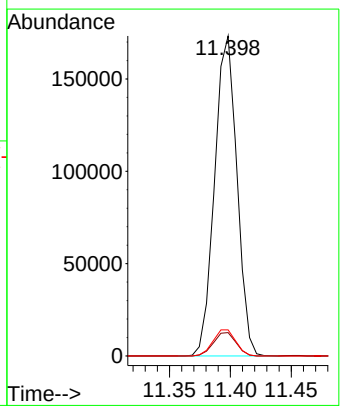


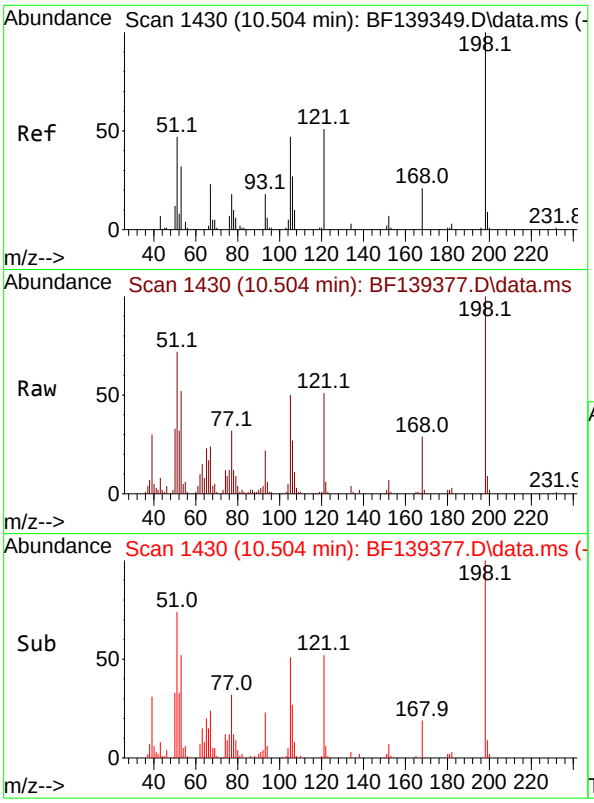


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:188 Resp: 221286

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.1	6.6	9.8



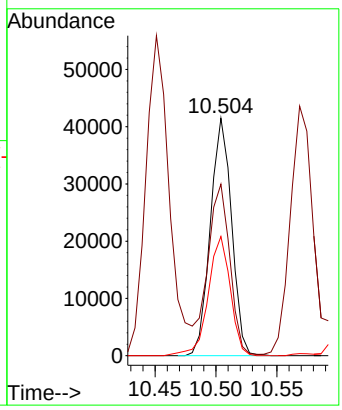


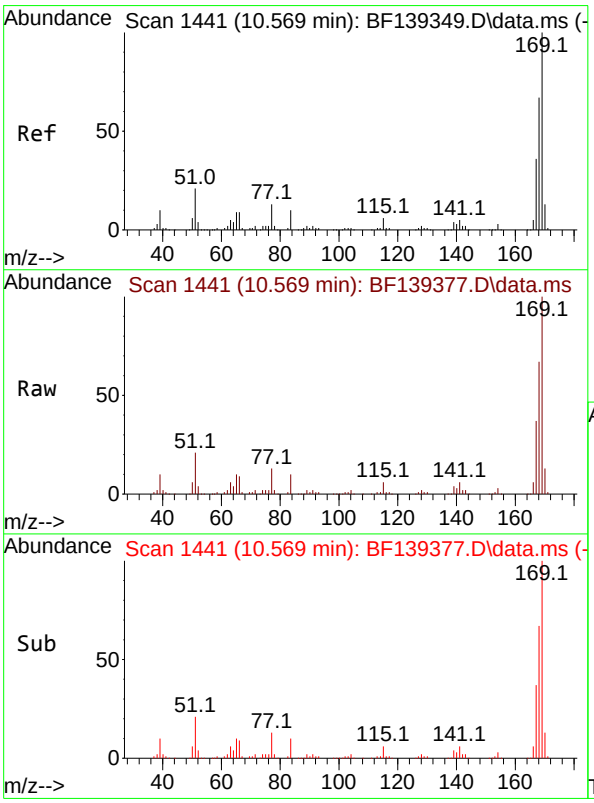
#65
4,6-Dinitro-2-methylphenol
Concen: 43.085 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 50320

Ion	Ratio	Lower	Upper
198	100		
51	72.2	50.4	90.4
105	50.2	28.3	68.3

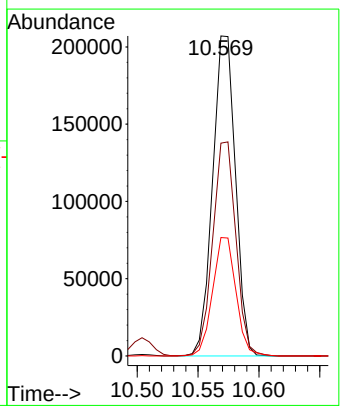


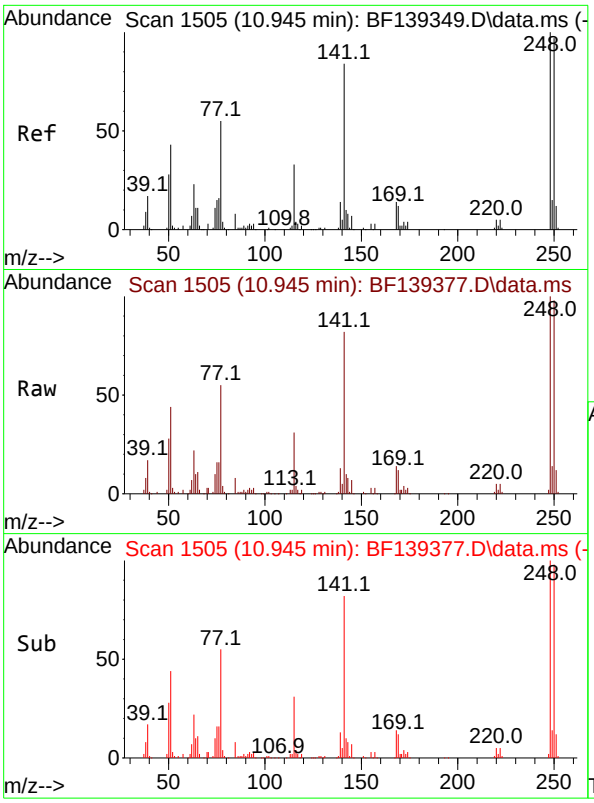


#66
n-Nitrosodiphenylamine
Concen: 41.895 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:169 Resp: 271048

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.6	80.4
167	37.0	28.7	43.1



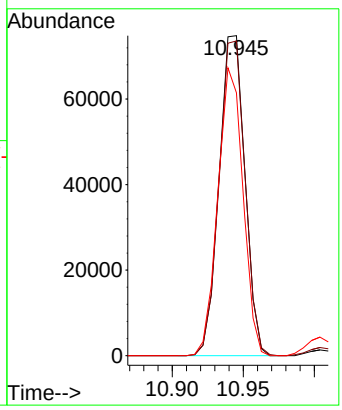


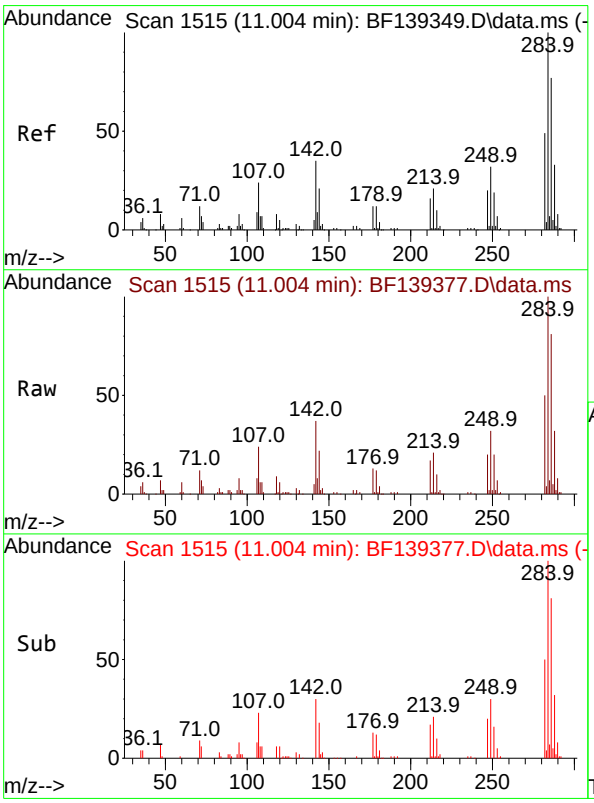
#67
4-Bromophenyl-phenylether
Concen: 43.182 ng
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 94692

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.6	116.4
141	82.1	66.9	100.3

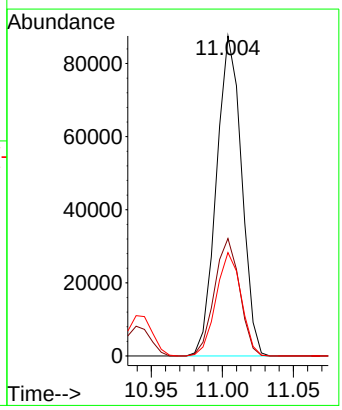


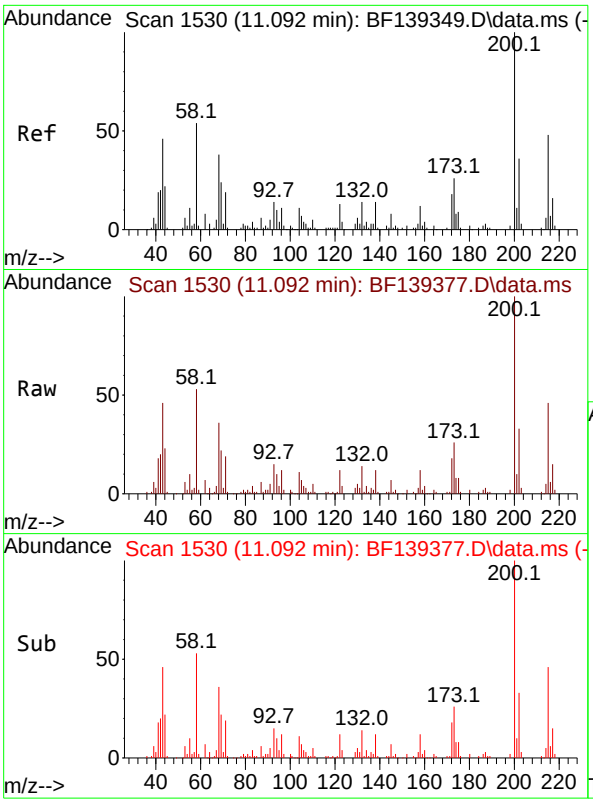


#68
Hexachlorobenzene
Concen: 41.886 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:284 Resp: 107799

Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.0	42.0
249	32.3	25.3	37.9



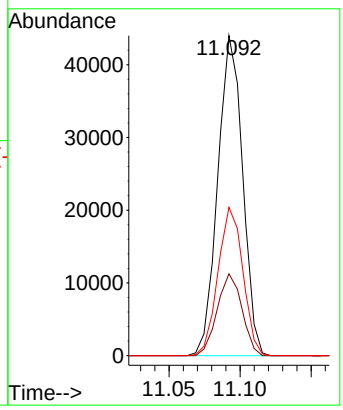


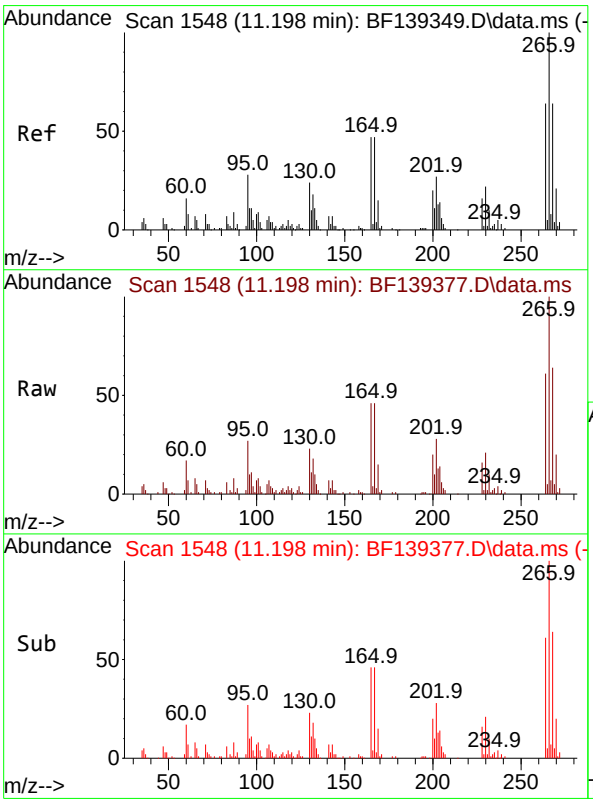
#69
Atrazine
Concen: 34.691 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 53431

Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	46.3	28.2	68.2

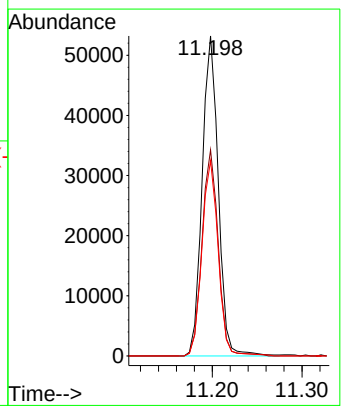


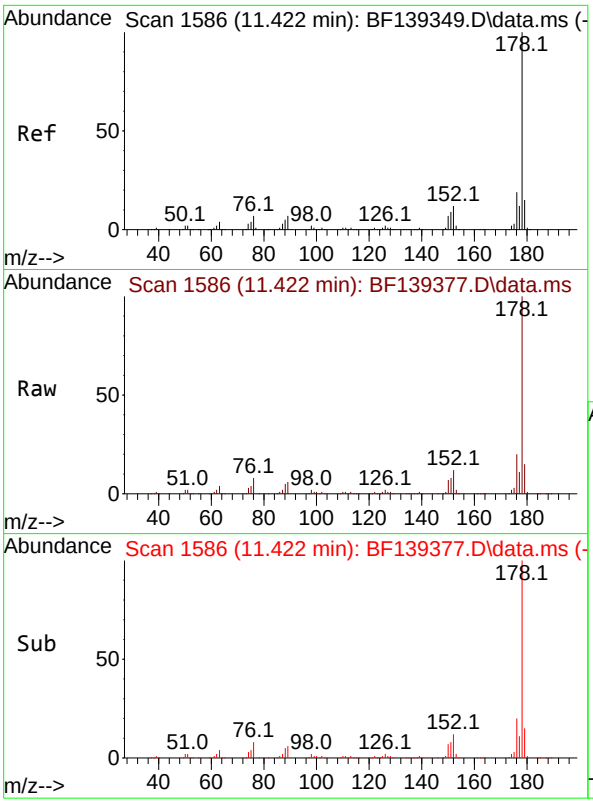


#70
Pentachlorophenol
Concen: 43.037 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:266 Resp: 66462

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	61.0	51.4	77.0



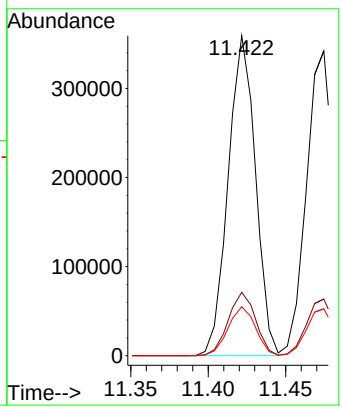


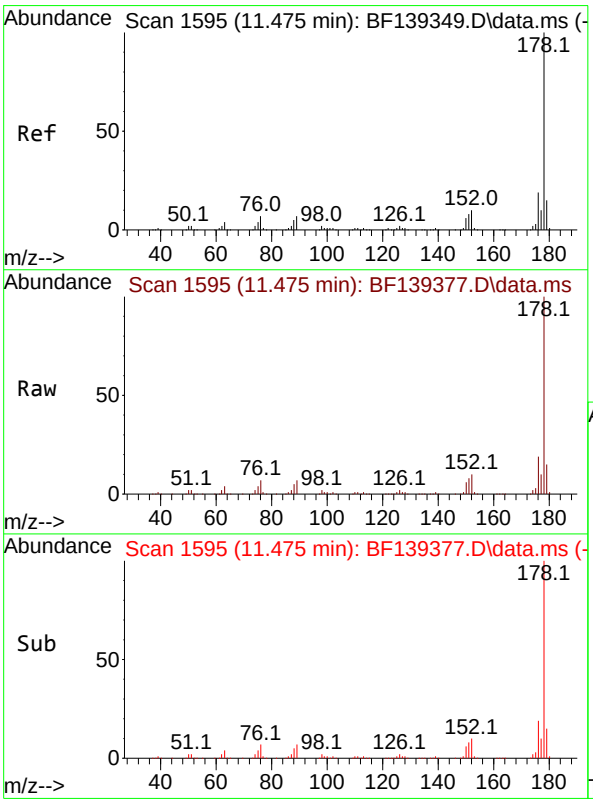
#71
Phenanthrene
Concen: 41.230 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 440181

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.3	12.2	18.4

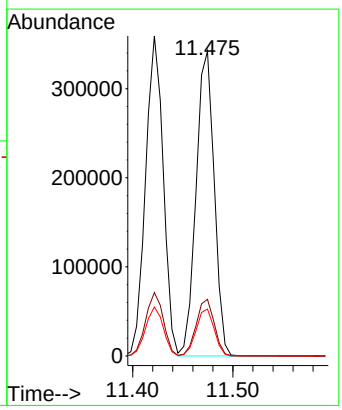


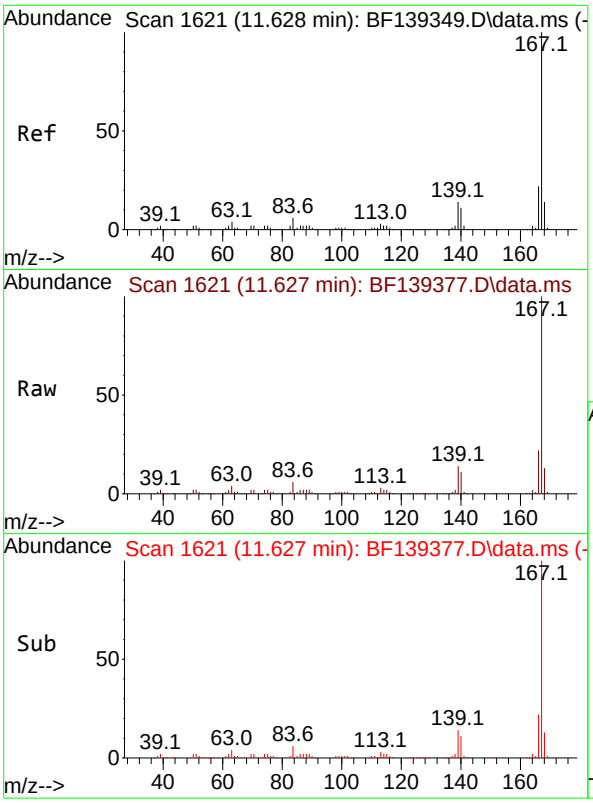


#72
Anthracene
Concen: 41.196 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:178 Resp: 430011

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.4	12.0	18.0



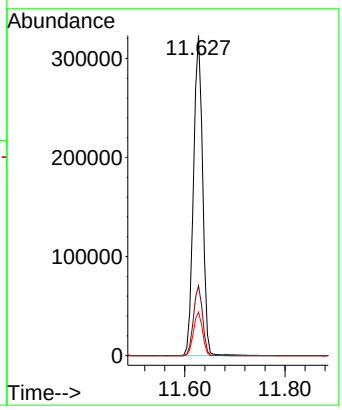


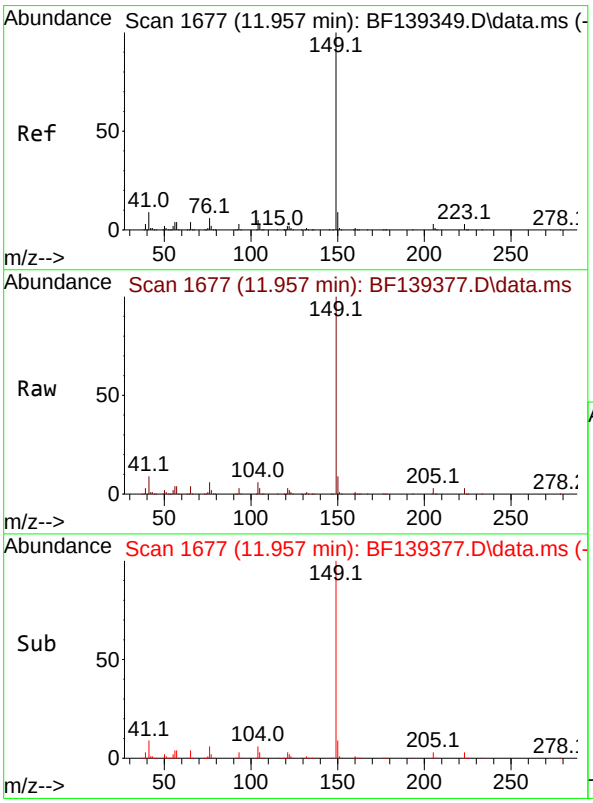
#73
Carbazole
Concen: 40.846 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 408067

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.6	10.9	16.3

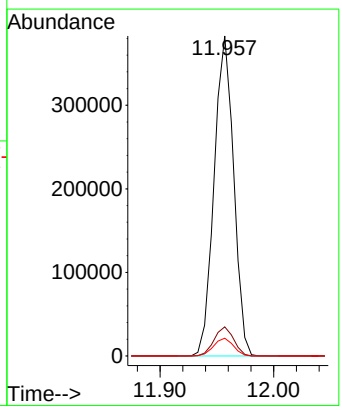


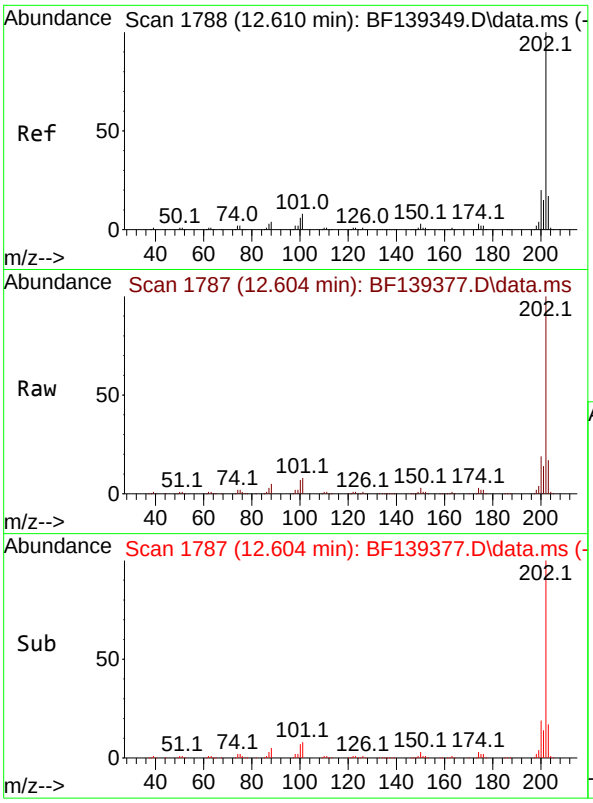


#74
Di-n-butylphthalate
Concen: 41.126 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:149 Resp: 457689

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.6	4.3	6.5



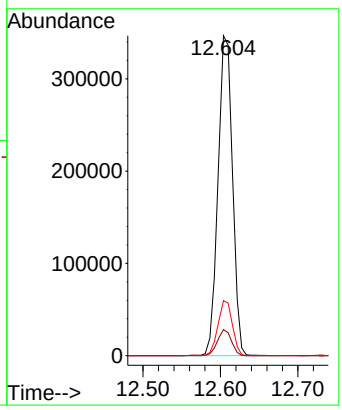


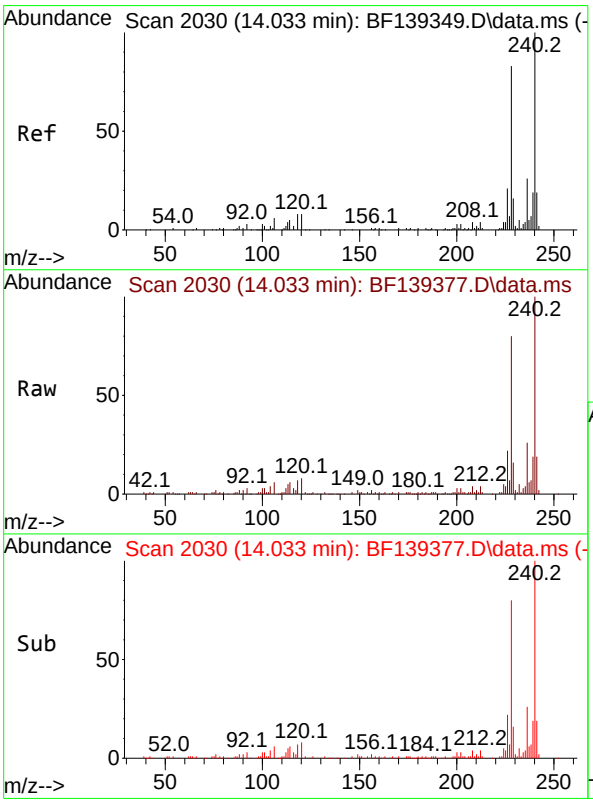
#75
Fluoranthene
Concen: 39.561 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 451045

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.7
203	17.2	0.0	37.4

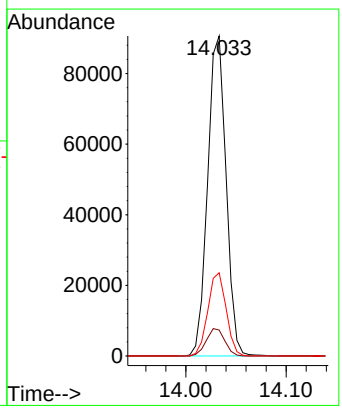


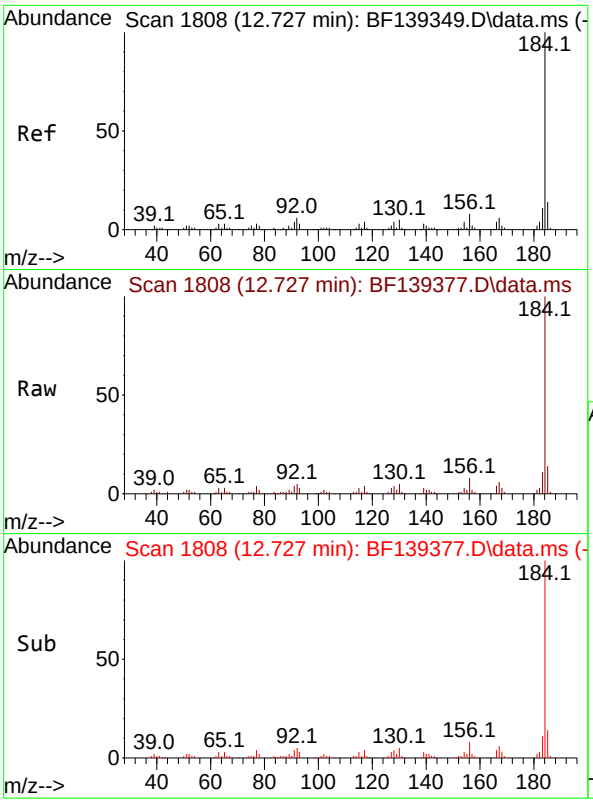


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:240 Resp: 116037

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.2
236	26.0	20.9	31.3



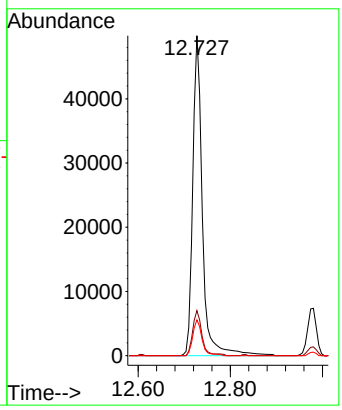


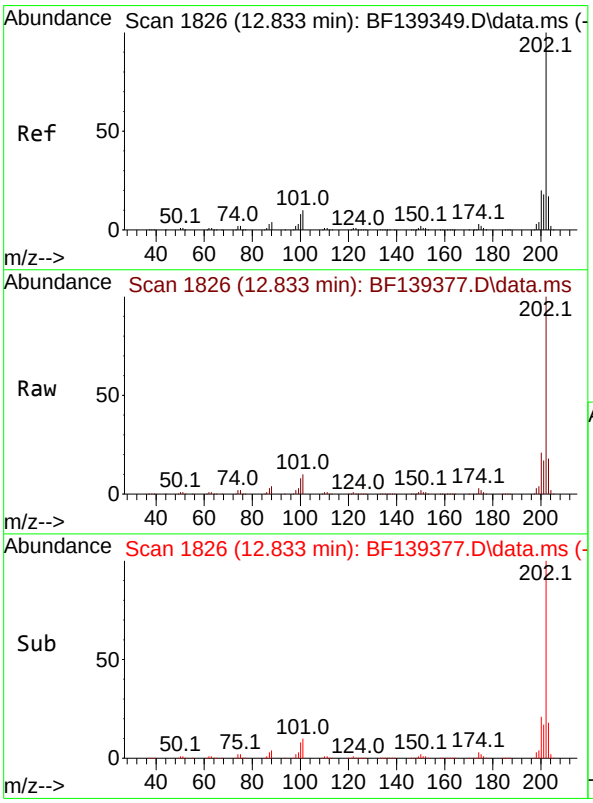
#77
Benzidine
Concen: 43.472 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 72271

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.2	8.9	13.3

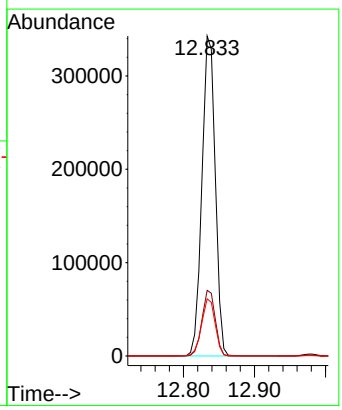


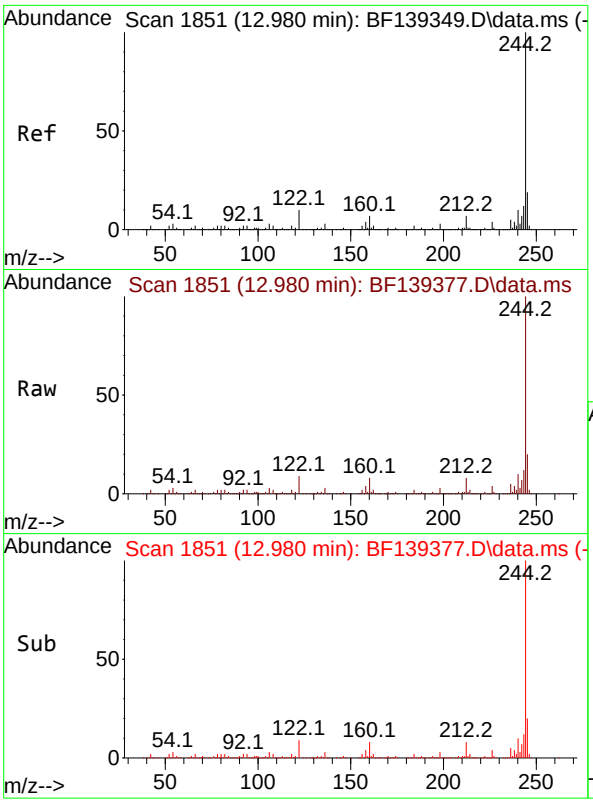


#78
Pyrene
Concen: 44.990 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:202 Resp: 448254

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.9	13.9	20.9



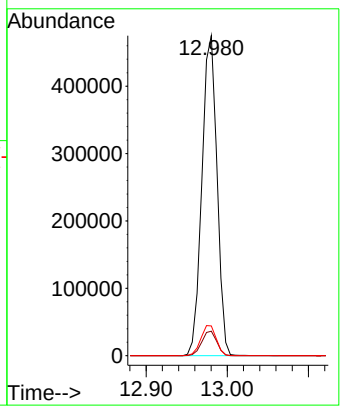


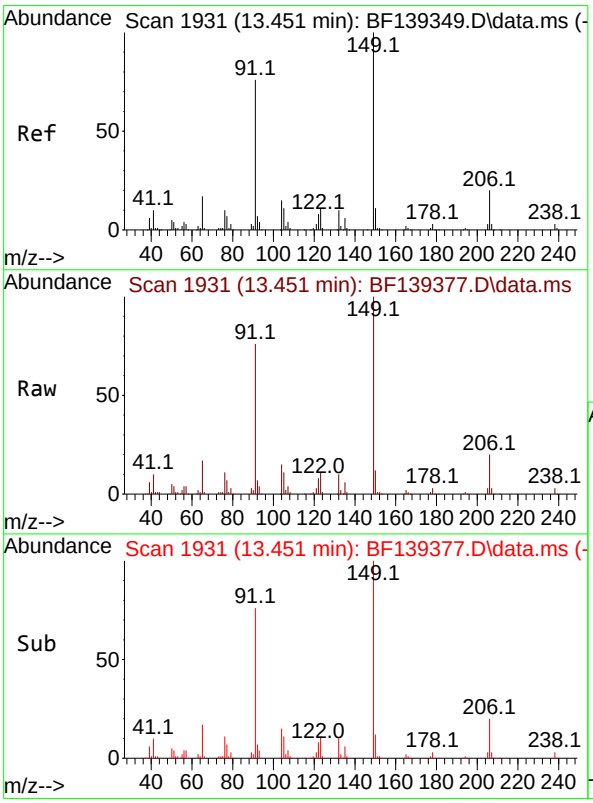
#79
Terphenyl-d14
Concen: 86.641 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 612505

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.3	7.6	11.4

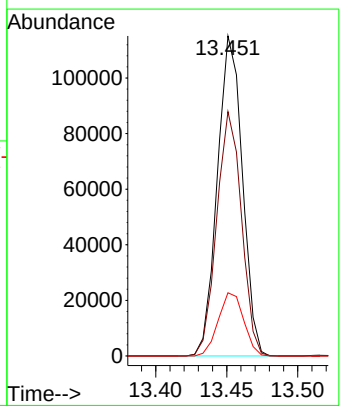


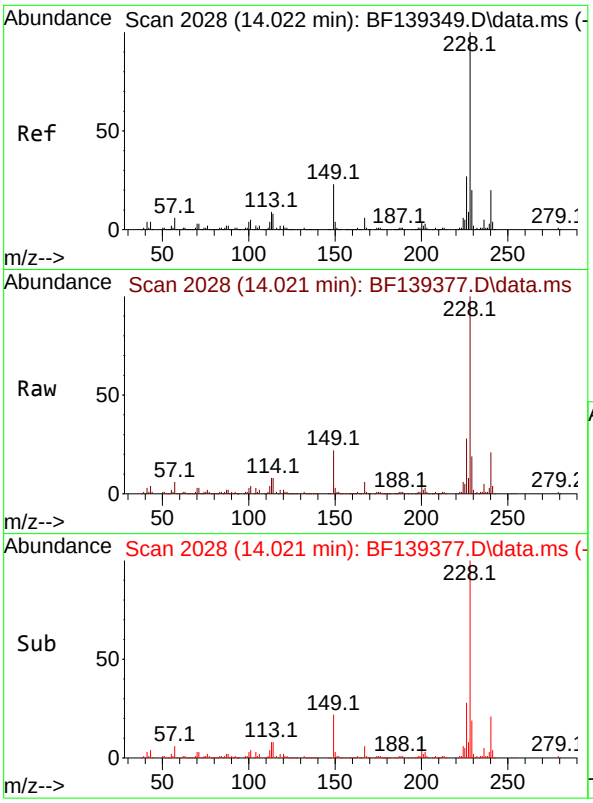


#80
Butylbenzylphthalate
Concen: 41.533 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:149 Resp: 140853

Ion	Ratio	Lower	Upper
149	100		
91	76.3	60.9	91.3
206	19.7	15.8	23.8



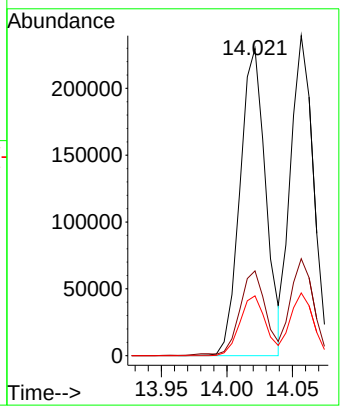


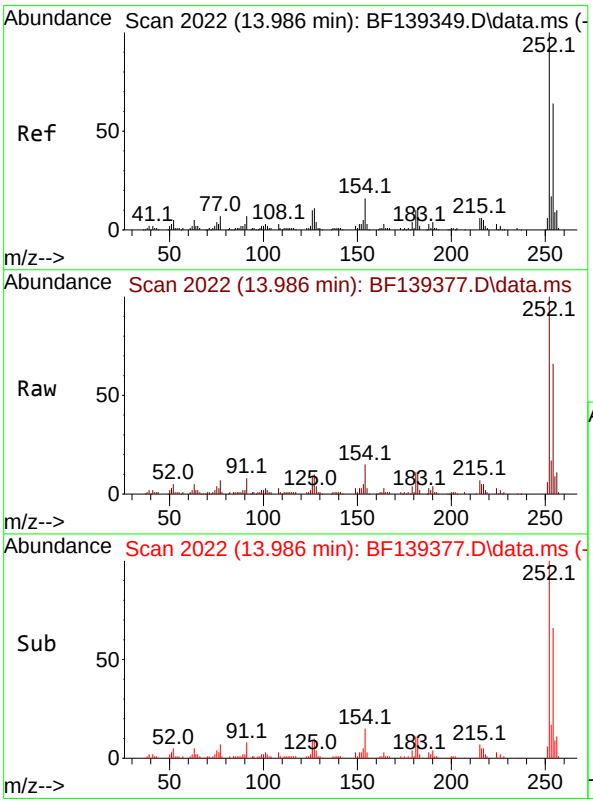
#81
Benzo(a)anthracene
Concen: 40.920 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 314524

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	19.5	15.7	23.5

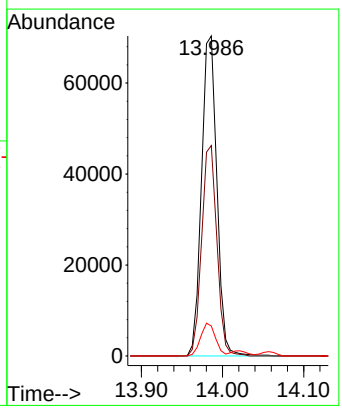


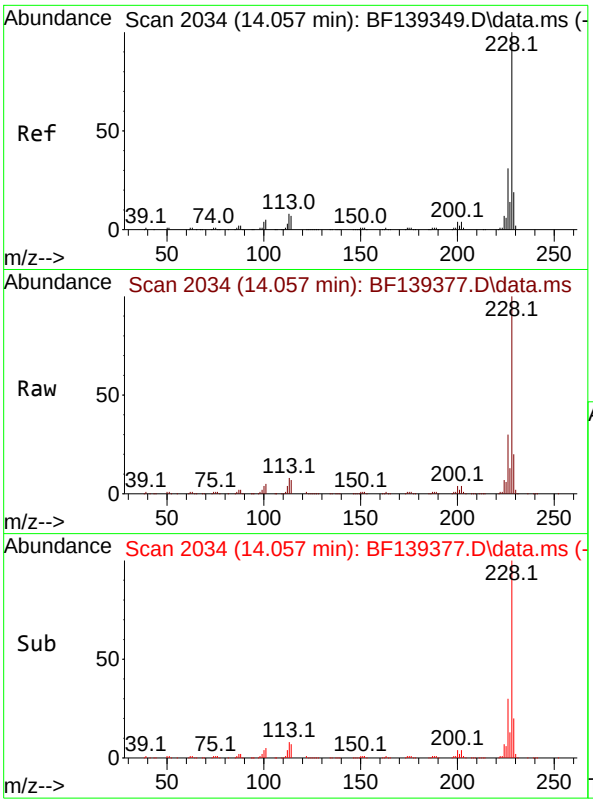


#82
3,3'-Dichlorobenzidine
Concen: 41.018 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:252 Resp: 92328

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	9.4	7.7	11.5



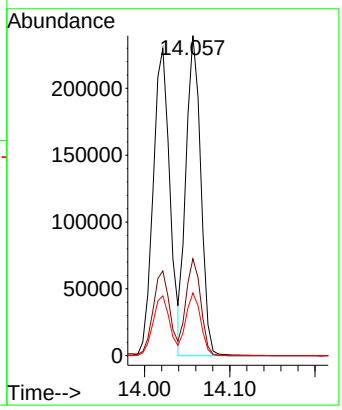


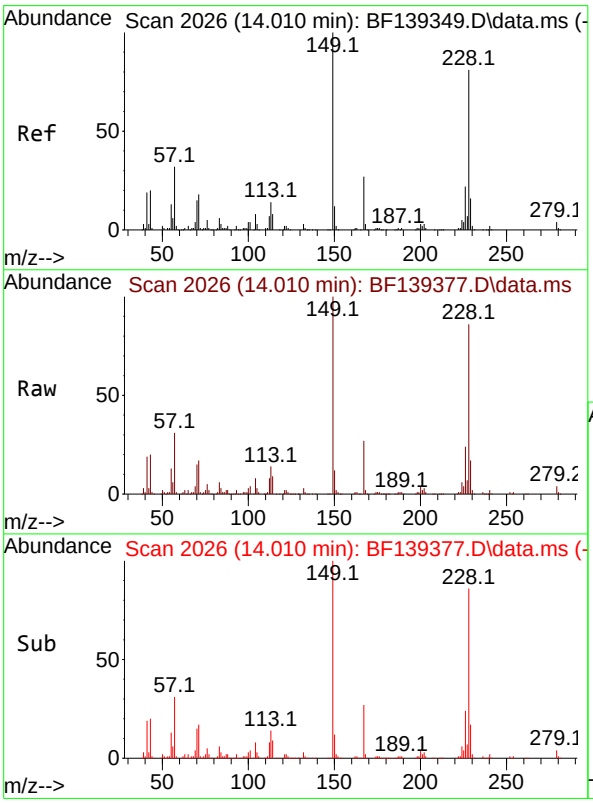
#83
Chrysene
Concen: 40.906 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 289263

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.6	15.4	23.0

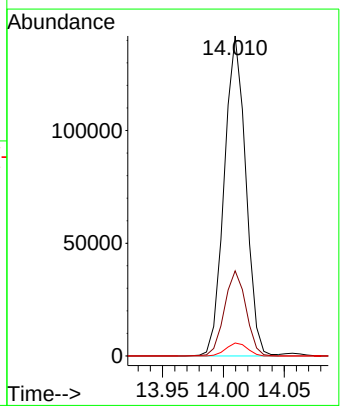


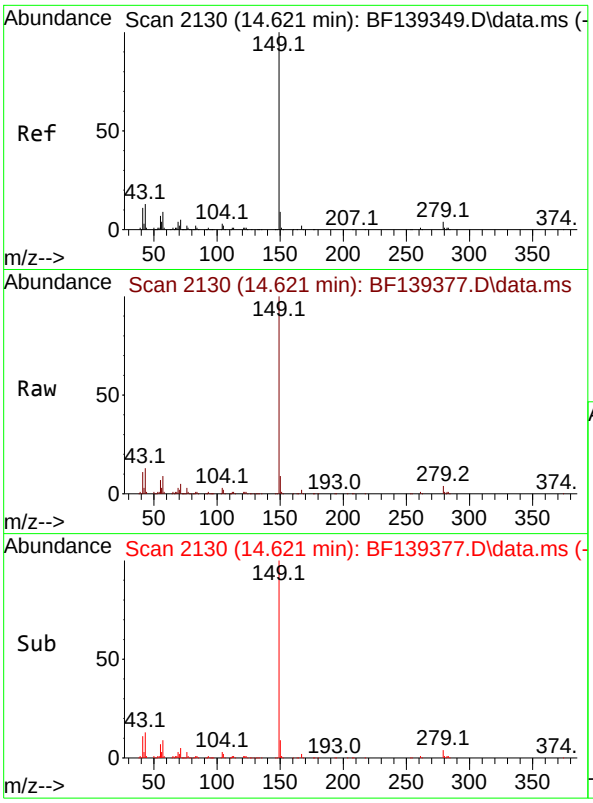


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.547 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:149 Resp: 174926

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	4.1	3.3	4.9



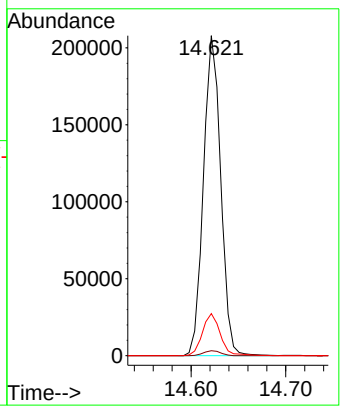


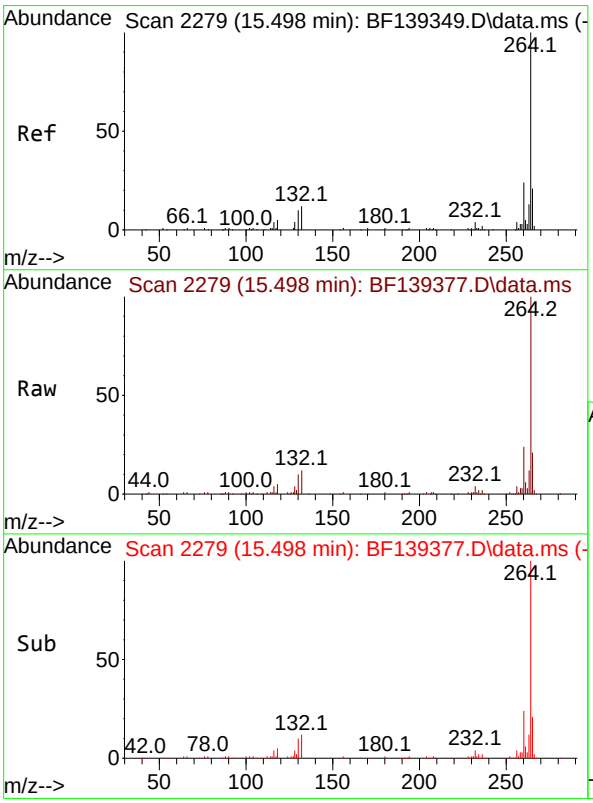
#85
Di-n-octyl phthalate
Concen: 41.470 ng
RT: 14.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 263480

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.6	10.6	16.0

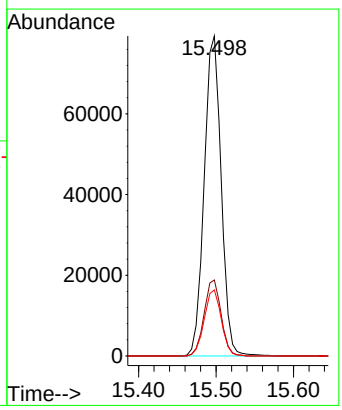


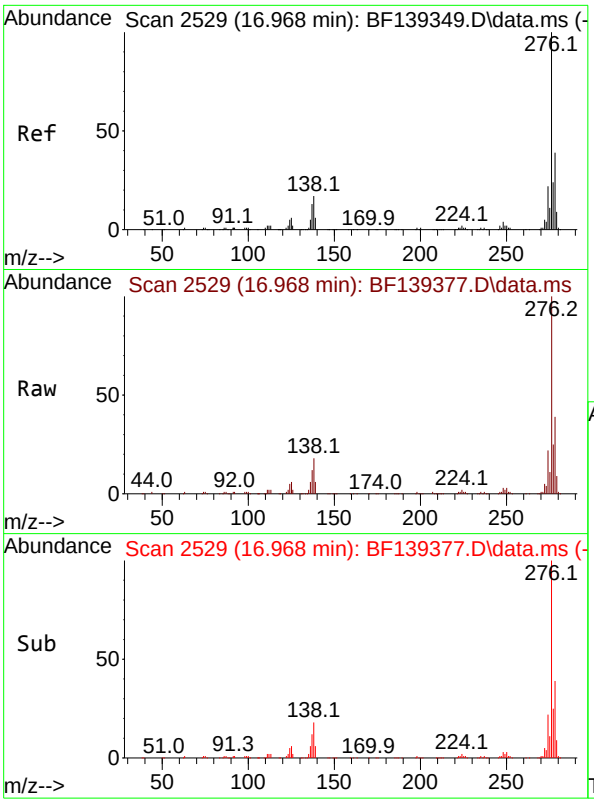


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:264 Resp: 120558

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.7	16.6	25.0



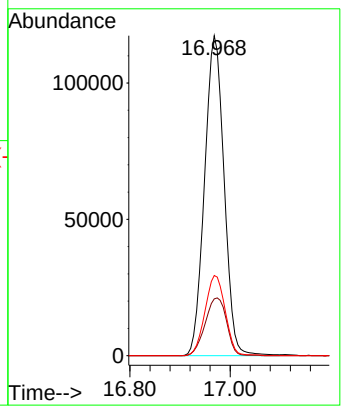


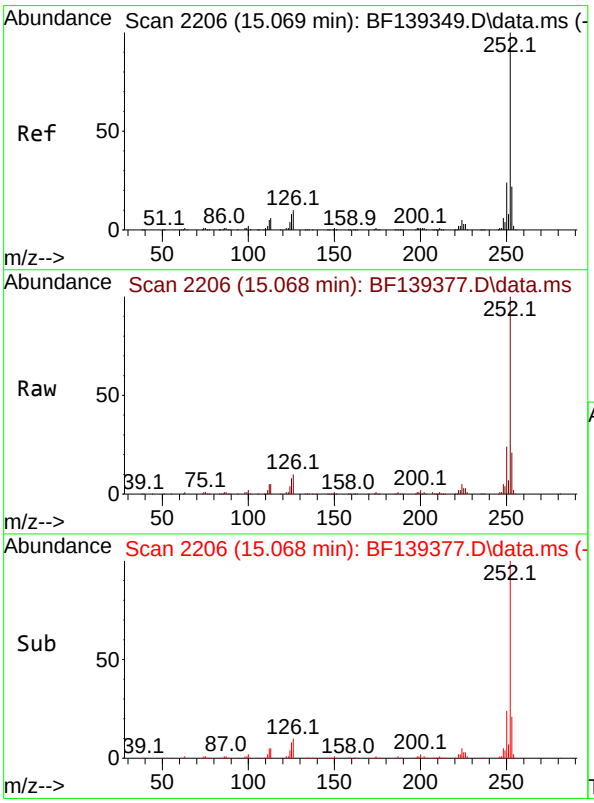
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.324 ng
RT: 16.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 317744

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.4	23.2
277	25.9	20.4	30.6

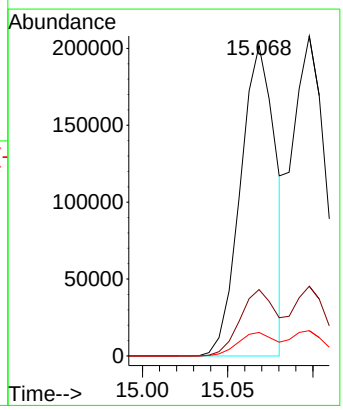


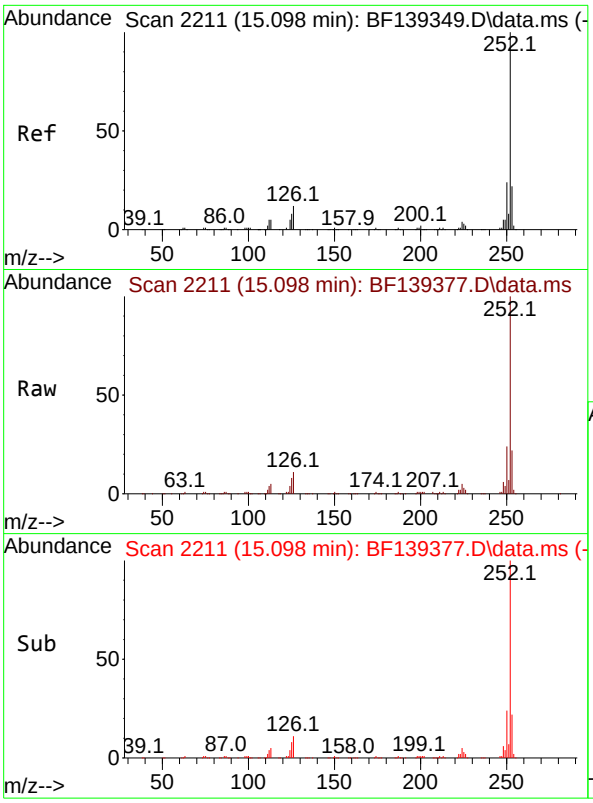


#88
Benzo(b)fluoranthene
Concen: 38.813 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:252 Resp: 288585

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	7.6	6.2	9.2



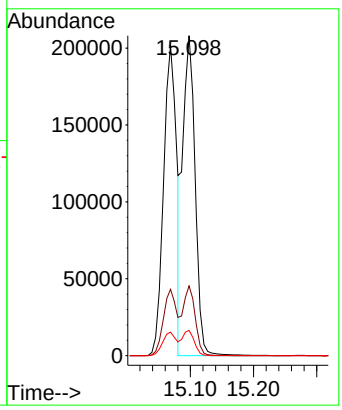


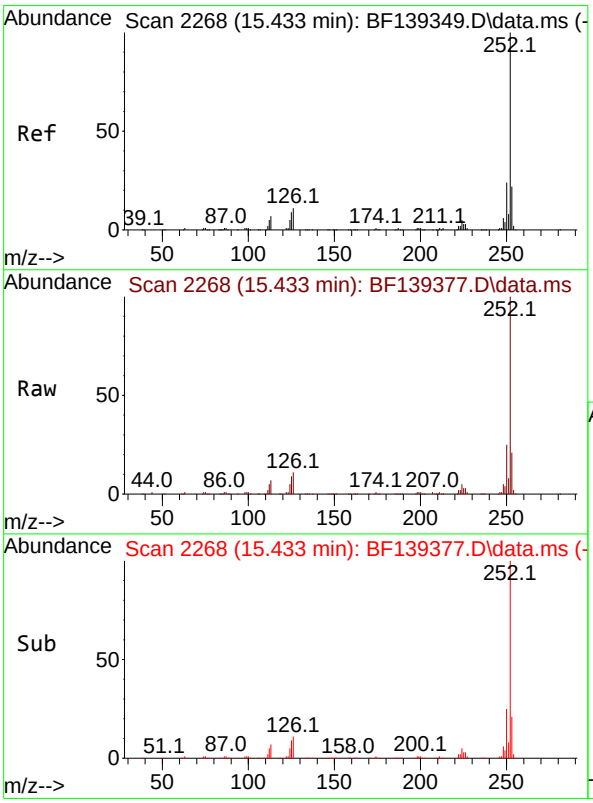
#89
Benzo(k)fluoranthene
Concen: 41.650 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 285530

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	7.9	5.9	8.9

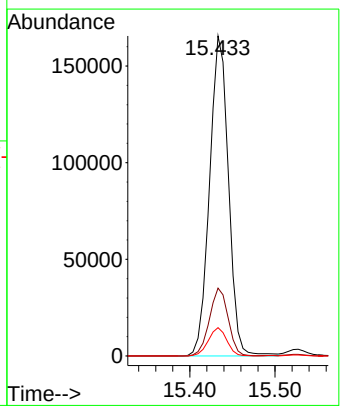


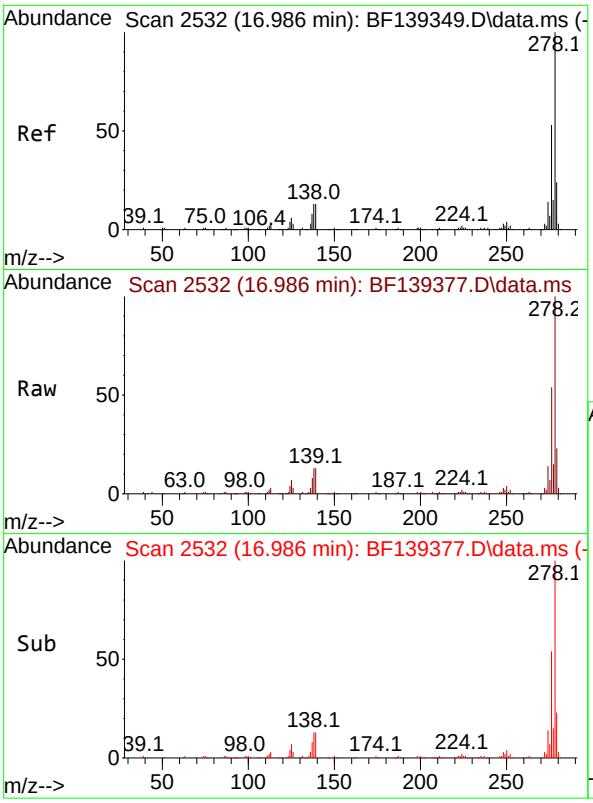


#90
Benzo(a)pyrene
Concen: 41.411 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:252 Resp: 255357

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	8.8	6.8	10.2



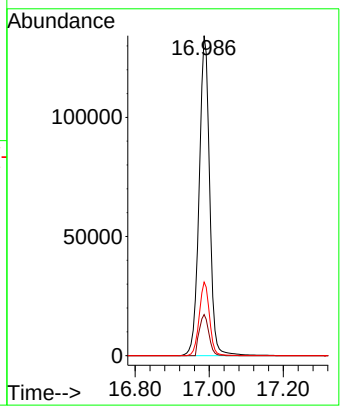


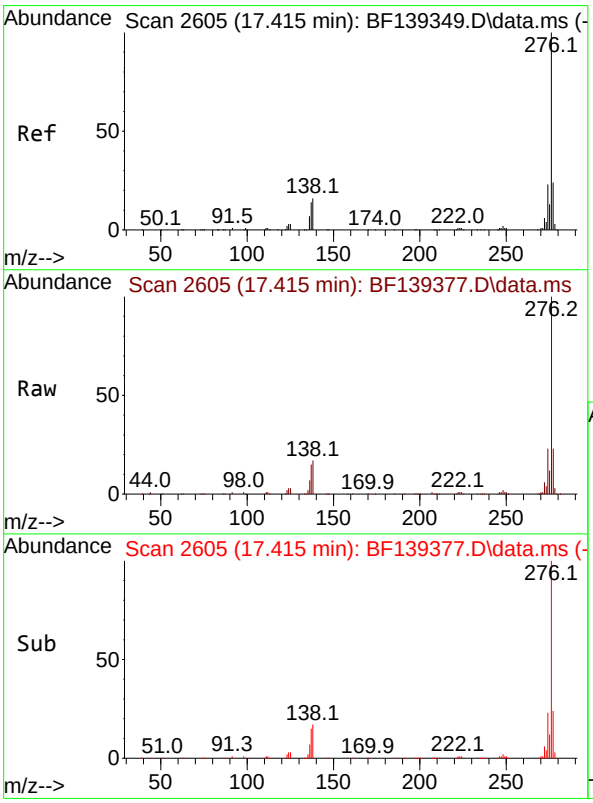
#91
Dibenzo(a,h)anthracene
Concen: 44.439 ng
RT: 16.986 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 263243

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.2	15.2
279	23.0	18.9	28.3

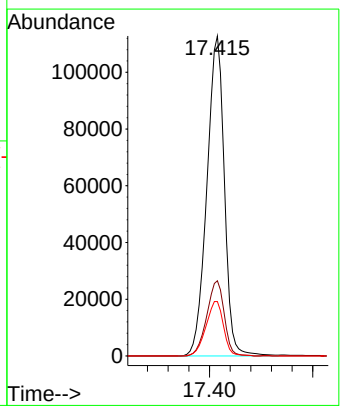




#92
Benzo(g,h,i)perylene
Concen: 45.248 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF139377.D
Acq: 16 Sep 2024 10:36

Tgt Ion:276 Resp: 265389

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	17.0	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	0.00
2		1,4-Dioxane	0.492	0.496	-0.8	126	0.00
3		Pyridine	1.084	1.150	-6.1	131	0.00
4		n-Nitrosodimethylamine	0.940	0.924	1.7	123	0.00
5	S	2-Fluorophenol	1.226	1.218	0.7	126	0.00
6		Aniline	1.214	1.186	2.3	125	-0.02
7	S	Phenol-d6	1.609	1.574	2.2	123	0.00
8		2-Chlorophenol	1.262	1.247	1.2	126	0.00
9		Benzaldehyde	0.930	0.806	13.3	121	0.00
10	C	Phenol	1.639	1.629	0.6	127	0.00
11		bis(2-Chloroethyl)ether	1.246	1.170	6.1	129	0.00
12		1,3-Dichlorobenzene	1.435	1.414	1.5	125	0.00
13	C	1,4-Dichlorobenzene	1.450	1.443	0.5	126	0.00
14		1,2-Dichlorobenzene	1.370	1.363	0.5	127	0.00
15		Benzyl Alcohol	1.284	1.266	1.4	124	0.00
16		2,2'-oxybis(1-Chloropropane	1.920	1.963	-2.2	132	0.00
17		2-Methylphenol	1.003	0.996	0.7	127	0.00
18		Hexachloroethane	0.552	0.550	0.4	127	0.00
19	P	n-Nitroso-di-n-propylamine	0.954	0.966	-1.3	129	0.00
20		3+4-Methylphenols	1.368	1.341	2.0	124	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	127	0.00
22		Acetophenone	0.523	0.537	-2.7	126	0.00
23	S	Nitrobenzene-d5	0.425	0.443	-4.2	127	0.00
24		Nitrobenzene	0.438	0.448	-2.3	125	0.00
25		Isophorone	0.673	0.693	-3.0	128	0.00
26	C	2-Nitrophenol	0.171	0.177	-3.5	123	0.00
27		2,4-Dimethylphenol	0.225	0.233	-3.6	125	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.392	-2.3	128	0.00
29	C	2,4-Dichlorophenol	0.286	0.291	-1.7	125	0.00
30		1,2,4-Trichlorobenzene	0.333	0.333	0.0	124	0.00
31		Naphthalene	1.044	1.065	-2.0	126	0.00
32		Benzoic acid	0.211	0.219	-3.8	126	0.00
33		4-Chloroaniline	0.319	0.324	-1.6	122	0.00
34	C	Hexachlorobutadiene	0.226	0.236	-4.4	129	0.00
35		Caprolactam	0.088	0.087	1.1	117	0.00
36	C	4-Chloro-3-methylphenol	0.327	0.331	-1.2	123	0.00
37		2-Methylnaphthalene	0.663	0.670	-1.1	125	0.00
38		1-Methylnaphthalene	0.651	0.652	-0.2	125	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	124	0.00
40		1,2,4,5-Tetrachlorobenzene	0.593	0.621	-4.7	124	0.00
41	P	Hexachlorocyclopentadiene	0.207	0.229	-10.6	124	0.00
42	S	2,4,6-Tribromophenol	0.213	0.208	2.3	113	0.00
43	C	2,4,6-Trichlorophenol	0.386	0.406	-5.2	119	0.00
44		2,4,5-Trichlorophenol	0.407	0.418	-2.7	119	0.00
45	S	2-Fluorobiphenyl	1.426	1.488	-4.3	124	0.00
46		1,1'-Biphenyl	1.539	1.594	-3.6	123	0.00
47		2-Chloronaphthalene	1.150	1.191	-3.6	122	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.428	0.446	-4.2	121	0.00
49		Acenaphthylene	1.732	1.769	-2.1	121	0.00
50		Dimethylphthalate	1.313	1.336	-1.8	120	0.00
51		2,6-Dinitrotoluene	0.291	0.308	-5.8	122	0.00
52	C	Acenaphthene	1.209	1.235	-2.2	119	0.00
53		3-Nitroaniline	0.291	0.313	-7.6	122	0.00
54	P	2,4-Dinitrophenol	0.162	0.157	3.1	109	0.00
55		Dibenzofuran	1.685	1.695	-0.6	118	0.00
56	P	4-Nitrophenol	0.240	0.241	-0.4	113	0.00
57		2,4-Dinitrotoluene	0.393	0.403	-2.5	115	0.00
58		Fluorene	1.375	1.390	-1.1	117	0.00
59		2,3,4,6-Tetrachlorophenol	0.336	0.349	-3.9	120	0.00
60		Diethylphthalate	1.355	1.373	-1.3	118	0.00
61		4-Chlorophenyl-phenylether	0.668	0.683	-2.2	120	0.00
62		4-Nitroaniline	0.317	0.311	1.9	111	0.00
63		Azobenzene	1.332	1.353	-1.6	118	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00
65		4,6-Dinitro-2-methylphenol	0.106	0.114	-7.5	111	0.00
66	c	n-Nitrosodiphenylamine	0.585	0.612	-4.6	116	0.00
67		4-Bromophenyl-phenylether	0.198	0.214	-8.1	118	0.00
68		Hexachlorobenzene	0.233	0.244	-4.7	114	0.00
69		Atrazine	0.139	0.121	12.9	113	0.00
70	C	Pentachlorophenol	0.140	0.150	-7.1	114	0.00
71		Phenanthrene	0.965	0.995	-3.1	113	0.00
72		Anthracene	0.943	0.972	-3.1	112	0.00
73		Carbazole	0.903	0.922	-2.1	111	0.00
74		Di-n-butylphthalate	1.006	1.034	-2.8	110	0.00
75	C	Fluoranthene	1.030	1.019	1.1	107	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	106	0.00
77		Benzidine	0.287	0.311	-8.4	86	0.00
78		Pyrene	1.717	1.932	-12.5	106	0.00
79	S	Terphenyl-d14	1.218	1.320	-8.4	104	0.00
80		Butylbenzylphthalate	0.585	0.607	-3.8	103	0.00
81		Benzo(a)anthracene	1.325	1.355	-2.3	106	0.00
82		3,3'-Dichlorobenzidine	0.388	0.398	-2.6	113	0.00
83		Chrysene	1.219	1.246	-2.2	107	0.00
84		Bis(2-ethylhexyl)phthalate	0.744	0.754	-1.3	105	0.00
85	c	Di-n-octyl phthalate	1.095	1.135	-3.7	107	0.00
86	I	Perylene-d12	1.000	1.000	0.0	113	0.00
87		Indeno(1,2,3-cd)pyrene	1.189	1.318	-10.8	109	0.00
88		Benzo(b)fluoranthene	1.233	1.197	2.9	111	0.00
89		Benzo(k)fluoranthene	1.137	1.184	-4.1	113	0.00
90	C	Benzo(a)pyrene	1.023	1.059	-3.5	111	0.00
91		Dibenzo(a,h)anthracene	0.983	1.092	-11.1	113	0.00
92		Benzo(g,h,i)perylene	0.973	1.101	-13.2	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	125	0.00
2		1,4-Dioxane	40.000	40.309	-0.8	126	0.00
3		Pyridine	40.000	42.424	-6.1	131	0.00
4		n-Nitrosodimethylamine	40.000	39.320	1.7	123	0.00
5	S	2-Fluorophenol	80.000	79.476	0.7	126	0.00
6		Aniline	40.000	39.081	2.3	125	-0.02
7	S	Phenol-d6	80.000	78.245	2.2	123	0.00
8		2-Chlorophenol	40.000	39.525	1.2	126	0.00
9		Benzaldehyde	40.000	34.698	13.3	121	0.00
10	C	Phenol	40.000	39.765	0.6	127	0.00
11		bis(2-Chloroethyl)ether	40.000	37.579	6.1	129	0.00
12		1,3-Dichlorobenzene	40.000	39.401	1.5	125	0.00
13	C	1,4-Dichlorobenzene	40.000	39.787	0.5	126	0.00
14		1,2-Dichlorobenzene	40.000	39.769	0.6	127	0.00
15		Benzyl Alcohol	40.000	39.435	1.4	124	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.896	-2.2	132	0.00
17		2-Methylphenol	40.000	39.729	0.7	127	0.00
18		Hexachloroethane	40.000	39.803	0.5	127	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.524	-1.3	129	0.00
20		3+4-Methylphenols	40.000	39.204	2.0	124	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	127	0.00
22		Acetophenone	40.000	41.115	-2.8	126	0.00
23	S	Nitrobenzene-d5	80.000	83.307	-4.1	127	0.00
24		Nitrobenzene	40.000	40.917	-2.3	125	0.00
25		Isophorone	40.000	41.226	-3.1	128	0.00
26	C	2-Nitrophenol	40.000	41.490	-3.7	123	0.00
27		2,4-Dimethylphenol	40.000	41.426	-3.6	125	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.886	-2.2	128	0.00
29	C	2,4-Dichlorophenol	40.000	40.675	-1.7	125	0.00
30		1,2,4-Trichlorobenzene	40.000	40.040	-0.1	124	0.00
31		Naphthalene	40.000	40.811	-2.0	126	0.00
32		Benzoic acid	40.000	41.552	-3.9	126	0.00
33		4-Chloroaniline	40.000	40.580	-1.4	122	0.00
34	C	Hexachlorobutadiene	40.000	41.645	-4.1	129	0.00
35		Caprolactam	40.000	39.424	1.4	117	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.528	-1.3	123	0.00
37		2-Methylnaphthalene	40.000	40.440	-1.1	125	0.00
38		1-Methylnaphthalene	40.000	40.060	-0.2	125	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	124	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.894	-4.7	124	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.327	-10.8	124	0.00
42	S	2,4,6-Tribromophenol	80.000	78.227	2.2	113	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.099	-5.2	119	0.00
44		2,4,5-Trichlorophenol	40.000	41.068	-2.7	119	0.00
45	S	2-Fluorobiphenyl	80.000	83.451	-4.3	124	0.00
46		1,1'-Biphenyl	40.000	41.446	-3.6	123	0.00
47		2-Chloronaphthalene	40.000	41.408	-3.5	122	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.713	-4.3	121	0.00
49		Acenaphthylene	40.000	40.863	-2.2	121	0.00
50		Dimethylphthalate	40.000	40.713	-1.8	120	0.00
51		2,6-Dinitrotoluene	40.000	42.326	-5.8	122	0.00
52	C	Acenaphthene	40.000	40.866	-2.2	119	0.00
53		3-Nitroaniline	40.000	43.067	-7.7	122	0.00
54	P	2,4-Dinitrophenol	40.000	38.724	3.2	109	0.00
55		Dibenzofuran	40.000	40.236	-0.6	118	0.00
56	P	4-Nitrophenol	40.000	40.098	-0.2	113	0.00
57		2,4-Dinitrotoluene	40.000	41.104	-2.8	115	0.00
58		Fluorene	40.000	40.449	-1.1	117	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.442	-3.6	120	0.00
60		Diethylphthalate	40.000	40.532	-1.3	118	0.00
61		4-Chlorophenyl-phenylether	40.000	40.879	-2.2	120	0.00
62		4-Nitroaniline	40.000	39.234	1.9	111	0.00
63		Azobenzene	40.000	40.634	-1.6	118	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	114	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.085	-7.7	111	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.895	-4.7	116	0.00
67		4-Bromophenyl-phenylether	40.000	43.182	-8.0	118	0.00
68		Hexachlorobenzene	40.000	41.886	-4.7	114	0.00
69		Atrazine	40.000	34.691	13.3	113	0.00
70	C	Pentachlorophenol	40.000	43.037	-7.6	114	0.00
71		Phenanthrene	40.000	41.230	-3.1	113	0.00
72		Anthracene	40.000	41.196	-3.0	112	0.00
73		Carbazole	40.000	40.846	-2.1	111	0.00
74		Di-n-butylphthalate	40.000	41.126	-2.8	110	0.00
75	C	Fluoranthene	40.000	39.561	1.1	107	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	106	0.00
77		Benzidine	40.000	43.472	-8.7	86	0.00
78		Pyrene	40.000	44.990	-12.5	106	0.00
79	S	Terphenyl-d14	80.000	86.641	-8.3	104	0.00
80		Butylbenzylphthalate	40.000	41.533	-3.8	103	0.00
81		Benzo(a)anthracene	40.000	40.920	-2.3	106	0.00
82		3,3'-Dichlorobenzidine	40.000	41.018	-2.5	113	0.00
83		Chrysene	40.000	40.906	-2.3	107	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	105	0.00
85	c	Di-n-octyl phthalate	40.000	41.470	-3.7	107	0.00
86	I	Perylene-d12	20.000	20.000	0.0	113	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	44.324	-10.8	109	0.00
88		Benzo(b)fluoranthene	40.000	38.813	3.0	111	0.00
89		Benzo(k)fluoranthene	40.000	41.650	-4.1	113	0.00
90	C	Benzo(a)pyrene	40.000	41.411	-3.5	111	0.00
91		Dibenzo(a,h)anthracene	40.000	44.439	-11.1	113	0.00
92		Benzo(g,h,i)perylene	40.000	45.248	-13.1	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG No.: P3845

Instrument ID: BNA_M Calibration Date/Time: 09/19/2024 11:49

Lab File ID: BM047566.D Init. Calib. Date(s): 09/14/2024 09/14/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:57 16:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.256	1.306		4.0	
Phenol-d6	1.769	1.780		0.6	
Phenol	1.771	1.744		-1.5	20.0
2-Chlorophenol	1.385	1.381		-0.3	
2-Methylphenol	1.132	1.105		-2.4	
3+4-Methylphenols	1.579	1.514		-4.1	
Nitrobenzene-d5	0.400	0.407		1.8	
2-Nitrophenol	0.140	0.160		14.3	20.0
2,4-Dimethylphenol	0.212	0.215		1.4	
2,4-Dichlorophenol	0.269	0.275		2.2	20.0
Benzoic acid	0.187	0.226		20.9	
4-Chloro-3-methylphenol	0.309	0.317		2.6	20.0
2,4,6-Trichlorophenol	0.339	0.366		8.0	20.0
2-Fluorobiphenyl	1.452	1.489		2.5	
2,4,5-Trichlorophenol	0.383	0.407		6.3	
2,4-Dinitrophenol	0.125	0.149	0.050	19.2	
4-Nitrophenol	0.263	0.291	0.050	10.6	
4,6-Dinitro-2-methylphenol	0.091	0.104		14.3	
2,4,6-Tribromophenol	0.193	0.201		4.1	
Pentachlorophenol	0.128	0.146		14.1	20.0
Terphenyl-d14	1.116	1.244		11.5	
2,3,4,6-Tetrachlorophenol	0.299	0.307		2.7	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	406101	20.000	ng		-0.01
21) Naphthalene-d8	10.639	136	1674497	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	905170	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1699865	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1491886	20.000	ng		-0.01
86) Perylene-d12	24.462	264	1457823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2120899	83.155	ng		0.00
7) Phenol-d6	7.004	99	2892219	80.521	ng		0.00
23) Nitrobenzene-d5	8.998	82	2724089	81.415	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	727459	83.145	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	5391582	82.051	ng		-0.01
79) Terphenyl-d14	19.827	244	7423631	89.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	427123	39.098	ng		99
3) Pyridine	3.710	79	1242174m	38.199	ng		
4) n-Nitrosodimethylamine	3.616	42	528139	35.796	ng	#	91
6) Aniline	7.169	93	1232648	38.709	ng		99
8) 2-Chlorophenol	7.404	128	1121763	39.896	ng		99
9) Benzaldehyde	6.975	77	701465	41.071	ng		99
10) Phenol	7.028	94	1416117	39.375	ng		98
11) bis(2-Chloroethyl)ether	7.263	93	1162925	40.276	ng		99
12) 1,3-Dichlorobenzene	7.734	146	1219326	39.620	ng		99
13) 1,4-Dichlorobenzene	7.875	146	1232665	39.324	ng		98
14) 1,2-Dichlorobenzene	8.198	146	1190334	38.586	ng		99
15) Benzyl Alcohol	8.075	79	968822	39.820	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1511971	37.226	ng		97
17) 2-Methylphenol	8.281	107	897728	39.073	ng		98
18) Hexachloroethane	8.928	117	509471	40.686	ng		98
19) n-Nitroso-di-n-propyla...	8.651	70	935365	38.623	ng		95
20) 3+4-Methylphenols	8.610	107	1229549	38.353	ng		97
22) Acetophenone	8.657	105	1731710	39.336	ng	#	99
24) Nitrobenzene	9.039	77	1379554	40.125	ng		100
25) Isophorone	9.569	82	2411668	40.999	ng		99
26) 2-Nitrophenol	9.745	139	537507	45.878	ng		99
27) 2,4-Dimethylphenol	9.810	122	719860	40.532	ng		99
28) bis(2-Chloroethoxy)met...	10.045	93	1510866	40.891	ng		99
29) 2,4-Dichlorophenol	10.280	162	919700	40.760	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	1010125	39.082	ng		97
31) Naphthalene	10.686	128	3543113	39.178	ng		100
32) Benzoic acid	9.939	122	757607	43.933	ng		96
33) 4-Chloroaniline	10.792	127	1257482	38.458	ng		99
34) Hexachlorobutadiene	10.980	225	563307	39.348	ng		98
35) Caprolactam	11.563	113	324237	43.628	ng		96
36) 4-Chloro-3-methylphenol	11.916	107	1061022	41.032	ng		98
37) 2-Methylnaphthalene	12.298	142	2319196	38.531	ng		99
38) 1-Methylnaphthalene	12.516	142	2294073	38.352	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	986570	40.279	ng		99
41) Hexachlorocyclopentadiene	12.657	237	351029	43.840	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	663369	43.230	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	737007	42.523	ng	99
46) 1,1'-Biphenyl	13.310	154	2854654	40.533	ng	99
47) 2-Chloronaphthalene	13.351	162	2183481	39.928	ng	98
48) 2-Nitroaniline	13.545	65	711483	44.296	ng	97
49) Acenaphthylene	14.198	152	3196953	40.512	ng	100
50) Dimethylphthalate	13.933	163	2555716	41.425	ng	100
51) 2,6-Dinitrotoluene	14.039	165	557553	42.810	ng	96
52) Acenaphthene	14.539	154	2262183	40.913	ng	99
53) 3-Nitroaniline	14.368	138	628518	43.417	ng	99
54) 2,4-Dinitrophenol	14.568	184	269954	45.515	ng	99
55) Dibenzofuran	14.868	168	3060184	39.385	ng	97
56) 4-Nitrophenol	14.668	139	526372	44.188	ng	99
57) 2,4-Dinitrotoluene	14.827	165	748179	43.073	ng	97
58) Fluorene	15.521	166	2798113	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	556061	41.149	ng	96
60) Diethylphthalate	15.298	149	2844419	43.320	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	1260842	39.419	ng	100
62) 4-Nitroaniline	15.527	138	728904	42.836	ng	99
63) Azobenzene	15.804	77	3033161	41.953	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	353810	41.931	ng	95
66) n-Nitrosodiphenylamine	15.727	169	2087242	40.138	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	651816	39.463	ng	97
68) Hexachlorobenzene	16.521	284	740115	39.554	ng	97
69) Atrazine	16.674	200	482956	33.602	ng	100
70) Pentachlorophenol	16.857	266	495121	45.647	ng	100
71) Phenanthrene	17.251	178	3679120	39.274	ng	100
72) Anthracene	17.339	178	3599776	39.996	ng	100
73) Carbazole	17.604	167	3623444	40.624	ng	99
74) Di-n-butylphthalate	18.180	149	5028415	47.117	ng	100
75) Fluoranthene	19.256	202	4186947	40.964	ng	97
77) Benzidine	19.439	184	1382959	65.820	ng	99
78) Pyrene	19.621	202	4397965	40.414	ng	100
80) Butylbenzylphthalate	20.515	149	2177713	51.985	ng	97
81) Benzo(a)anthracene	21.415	228	3987184	41.003	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1405001	54.316	ng	99
83) Chrysene	21.480	228	3730252	40.556	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	3539026	53.928	ng	99
85) Di-n-octyl phthalate	22.491	149	5614359	60.483	ng	98
87) Indeno(1,2,3-cd)pyrene	27.885	276	3952483	45.304	ng	99
88) Benzo(b)fluoranthene	23.509	252	3785873	40.137	ng	99
89) Benzo(k)fluoranthene	23.568	252	3675308	39.316	ng	99
90) Benzo(a)pyrene	24.321	252	3150288	40.750	ng	99
91) Dibenzo(a,h)anthracene	27.944	278	3306709	45.050	ng	99
92) Benzo(g,h,i)perylene	28.950	276	3248885	45.311	ng	99

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

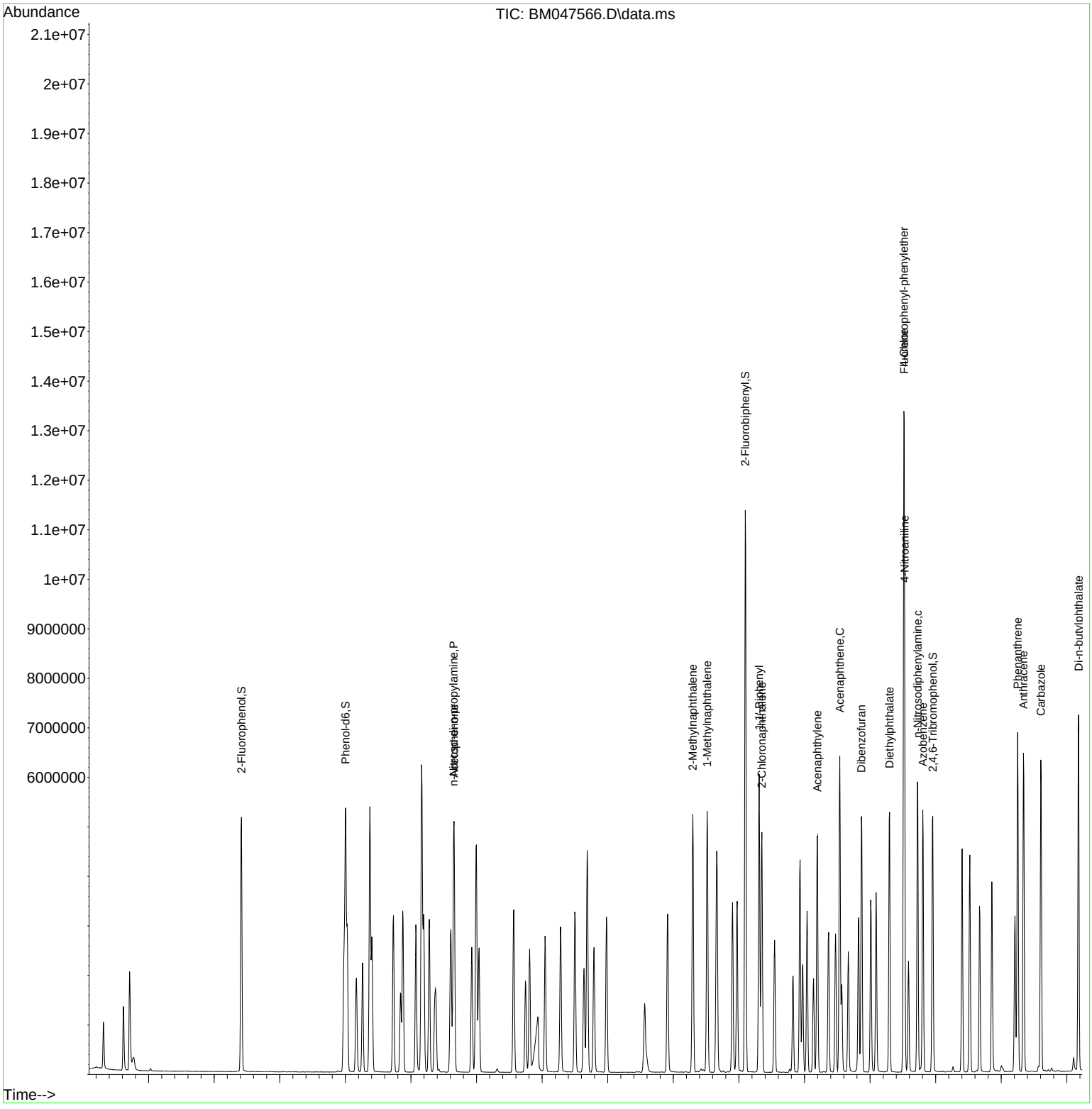
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Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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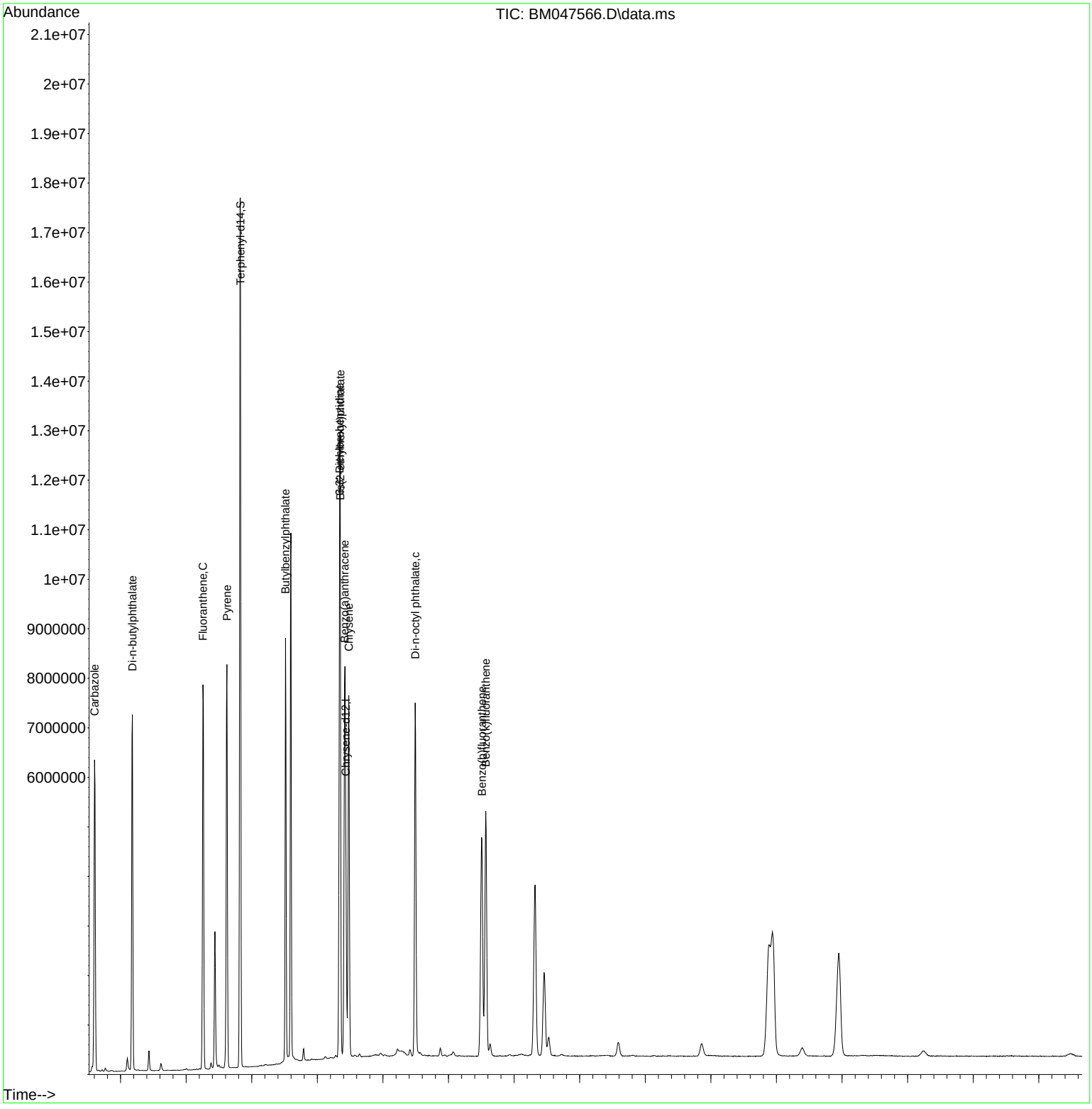
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Acq On : 19 Sep 2024 11:49
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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

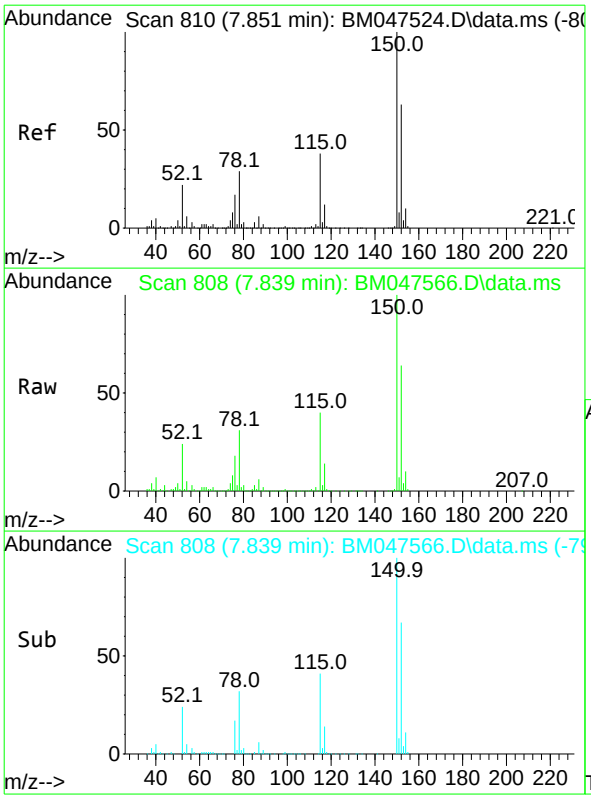
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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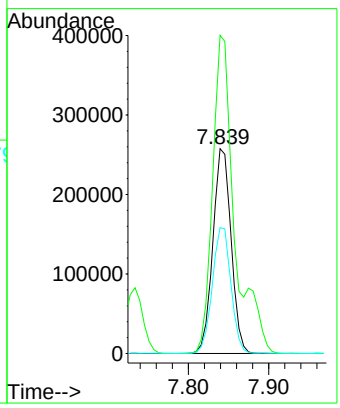




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:152 Resp: 406101

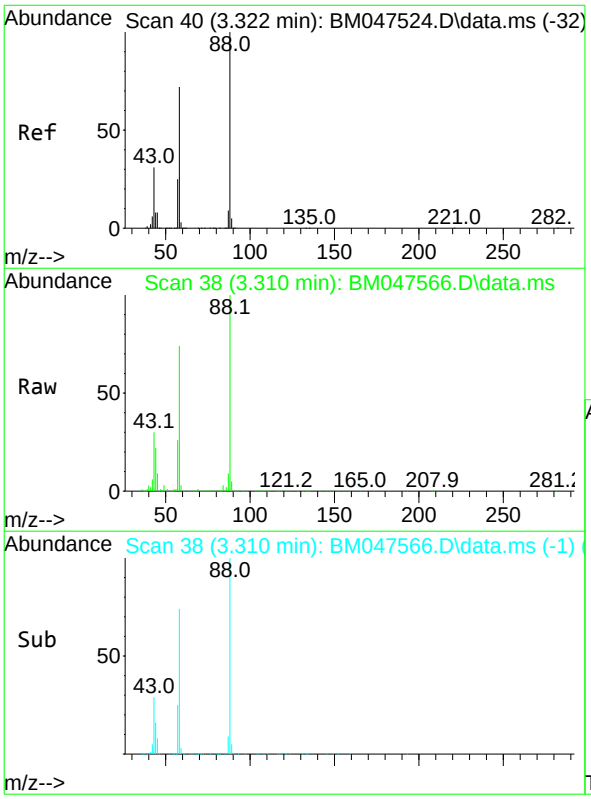
Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.8	190.2
115	61.5	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

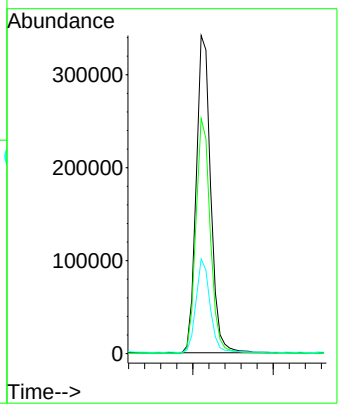
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

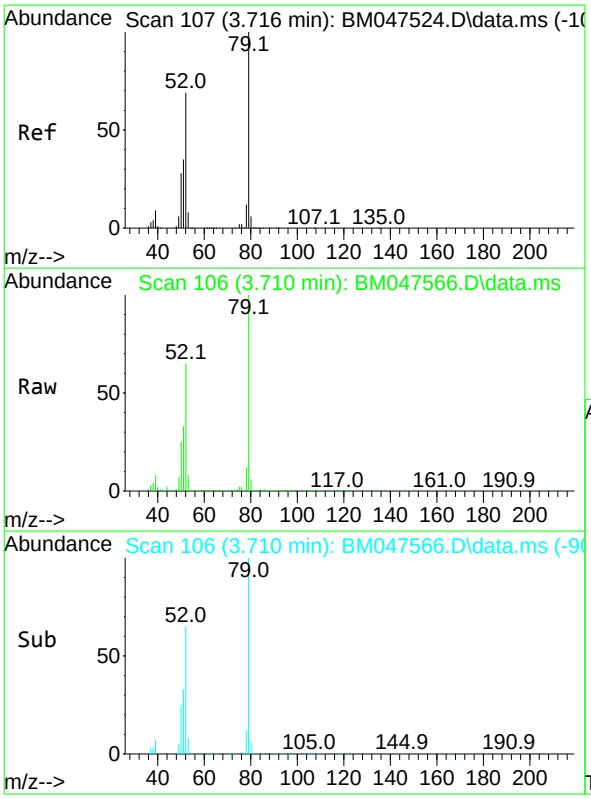


#2
1,4-Dioxane
Concen: 39.098 ng
RT: 3.310 min Scan# 38
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 88 Resp: 427123

Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.0	88.6
43	29.0	25.0	37.4

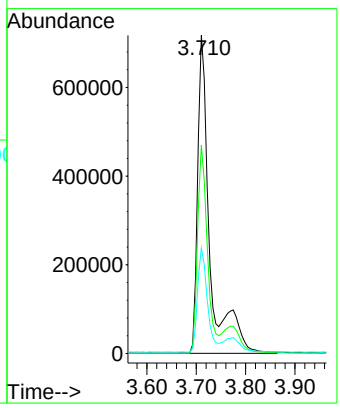




#3
Pyridine
Concen: 38.199 ng m
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 79 Resp: 1242174

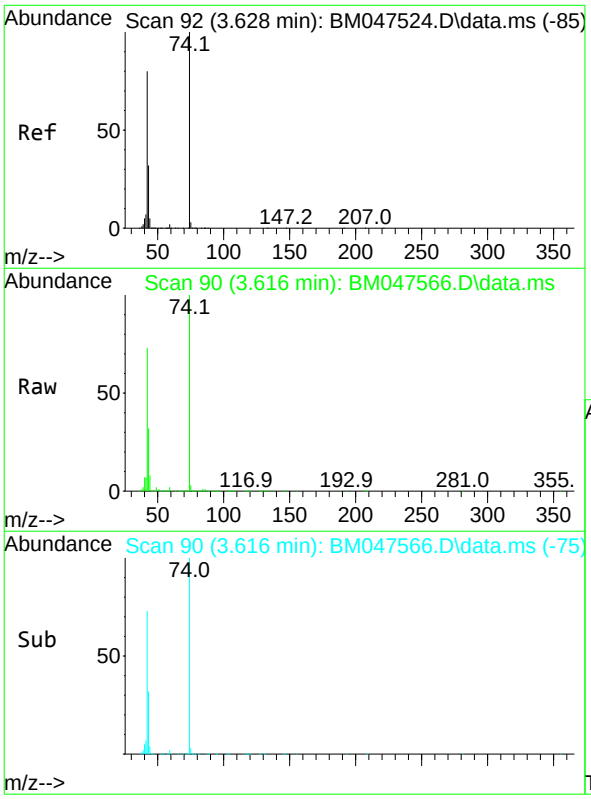
Ion	Ratio	Lower	Upper
79	100		
52	65.5	55.4	83.0
51	33.2	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

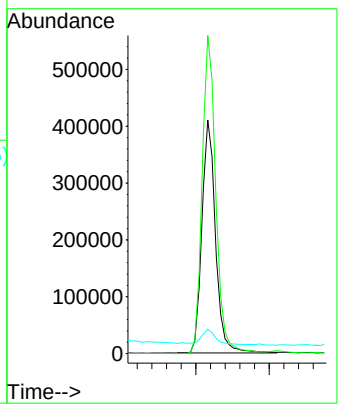
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

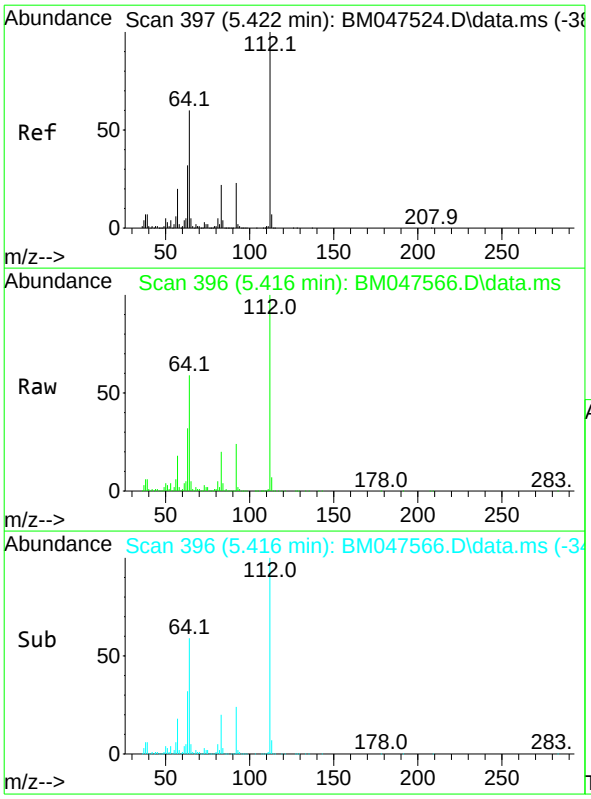


#4
n-Nitrosodimethylamine
Concen: 35.796 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 42 Resp: 528139

Ion	Ratio	Lower	Upper
42	100		
74	136.1	100.5	150.7
44	10.4	6.9	10.3#





#5
2-Fluorophenol
Concen: 83.155 ng
RT: 5.416 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

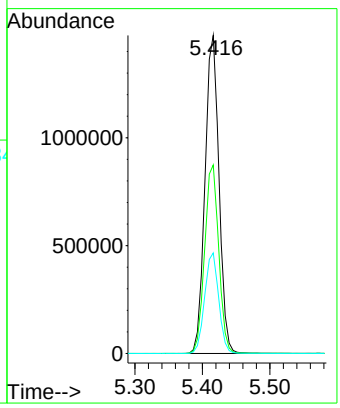
Tgt Ion:112 Resp: 2120899

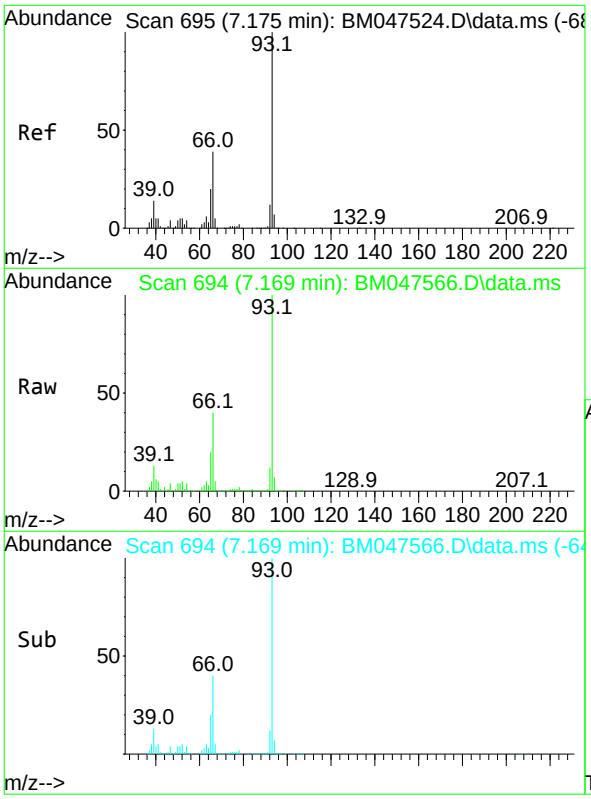
Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.2	72.4
63	31.6	26.0	39.0

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

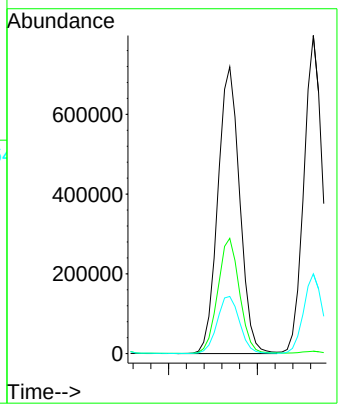


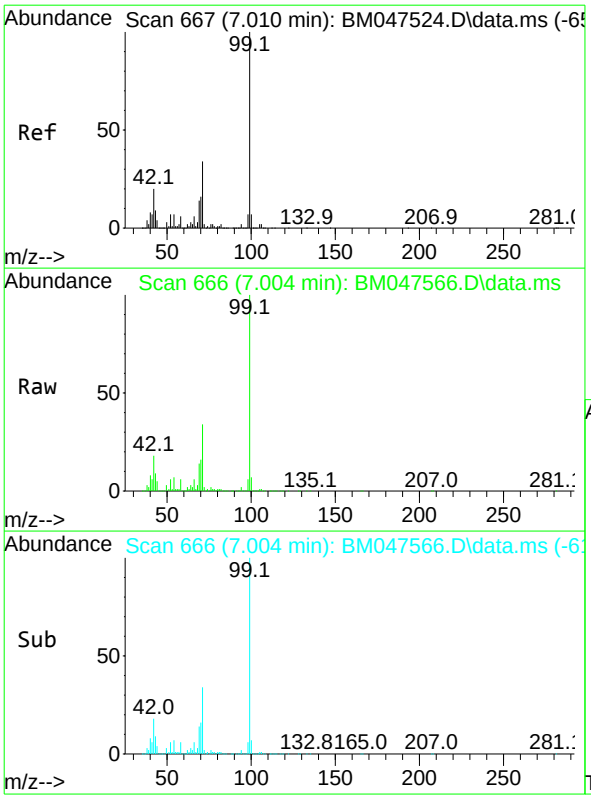


#6
Aniline
Concen: 38.709 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 93 Resp: 1232648

Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.4	47.0
65	19.9	16.3	24.5

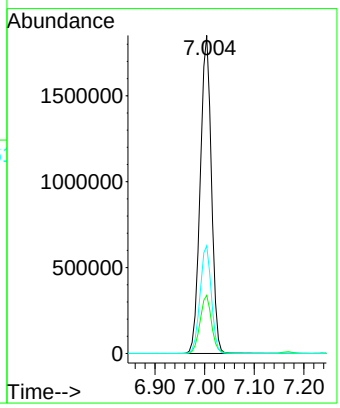




#7
Phenol-d6
Concen: 80.521 ng
RT: 7.004 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 99 Resp: 2892219

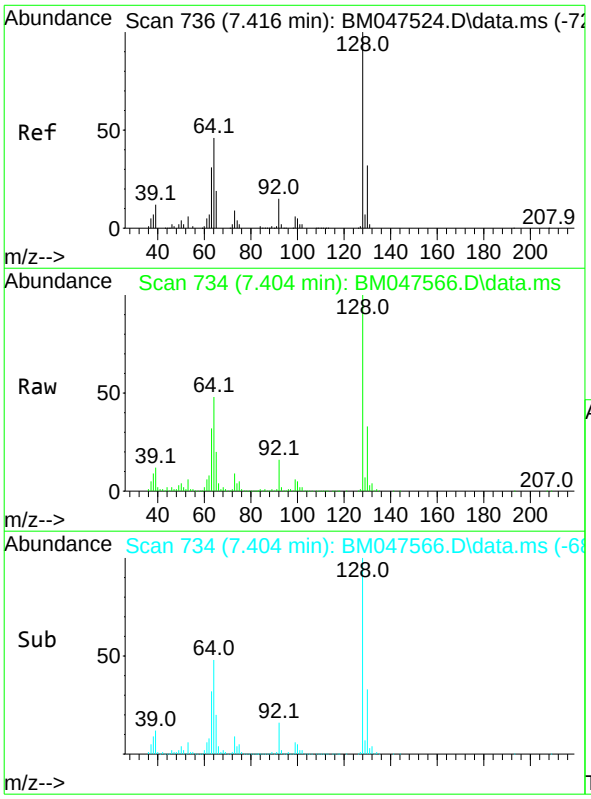
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.8
71	33.9	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

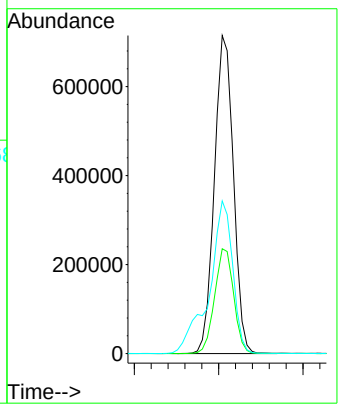
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

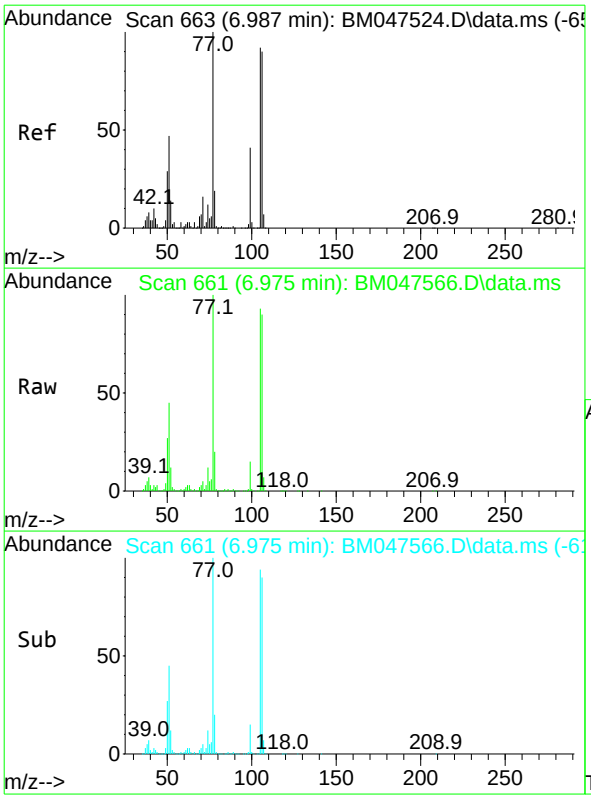


#8
2-Chlorophenol
Concen: 39.896 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:128 Resp: 1121763

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.8	51.8
64	48.0	27.6	67.6

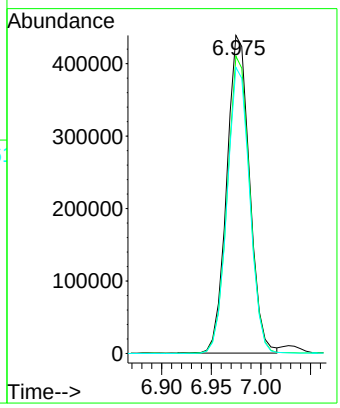




#9
Benzaldehyde
Concen: 41.071 ng
RT: 6.975 min Scan# 66
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 77 Resp: 701465

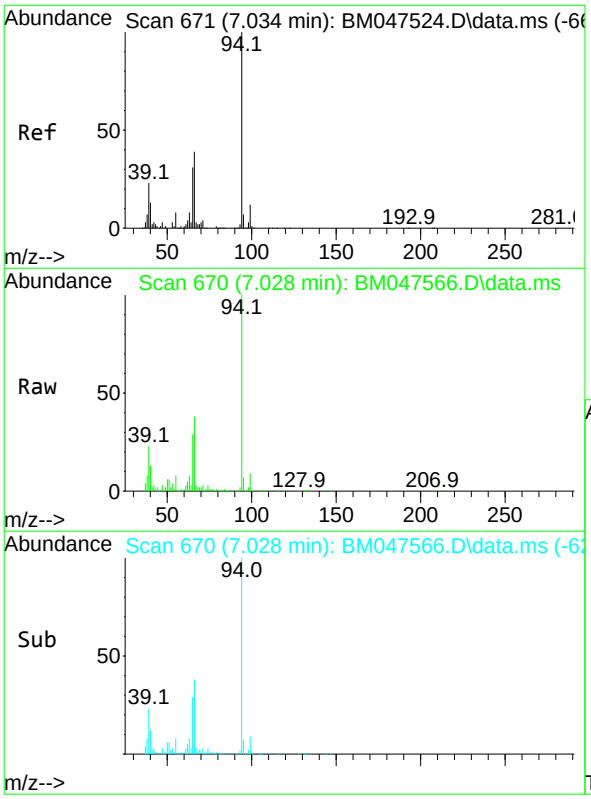
Ion	Ratio	Lower	Upper
77	100		
105	93.5	71.8	111.8
106	90.0	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

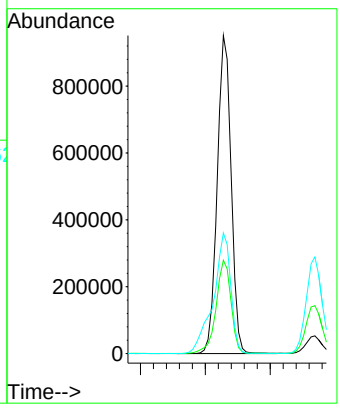
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

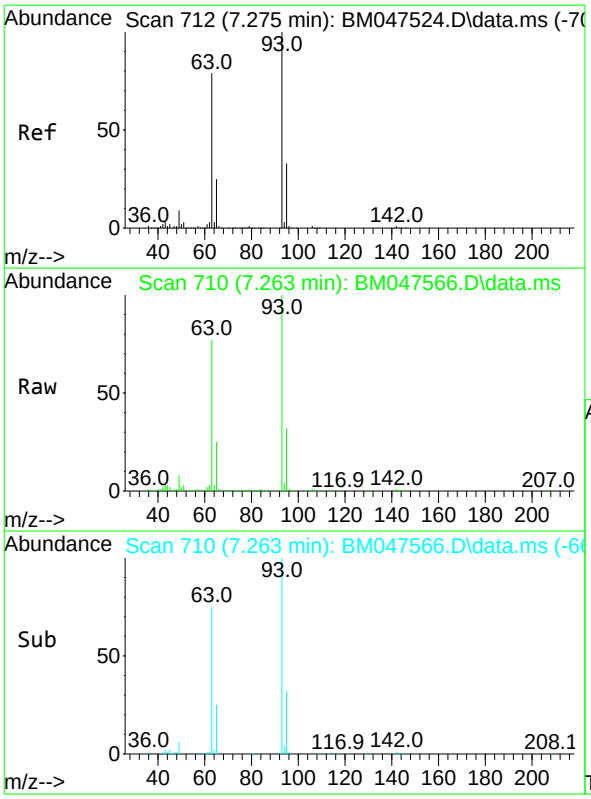


#10
Phenol
Concen: 39.375 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 94 Resp: 1416117

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.8	50.8
66	37.9	19.2	59.2

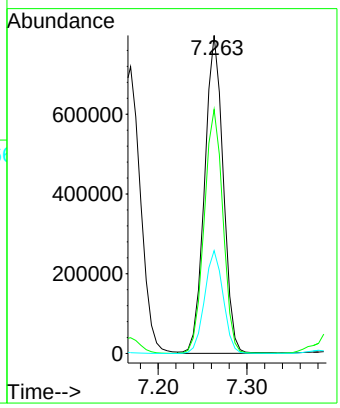




#11
bis(2-Chloroethyl)ether
Concen: 40.276 ng
RT: 7.263 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 93 Resp: 1162925

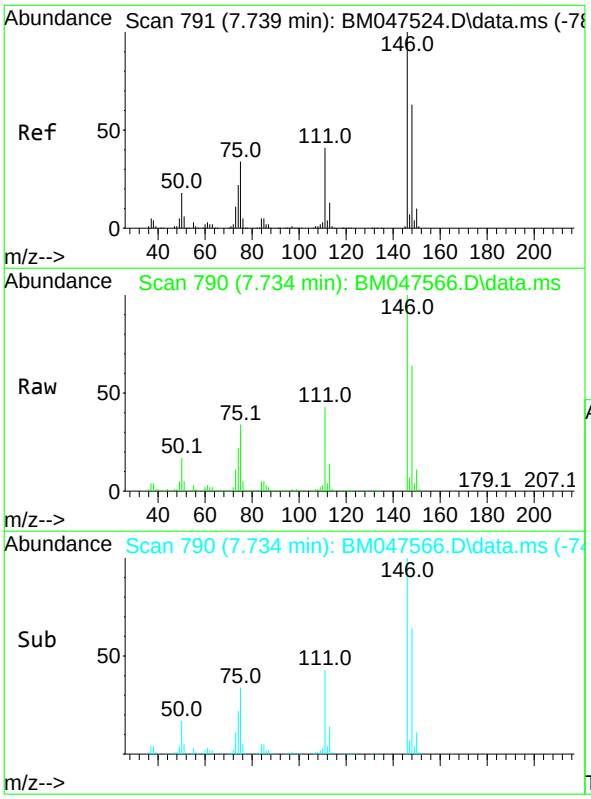
Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.2	98.2
95	32.3	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

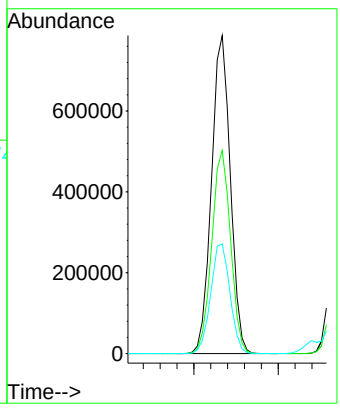
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

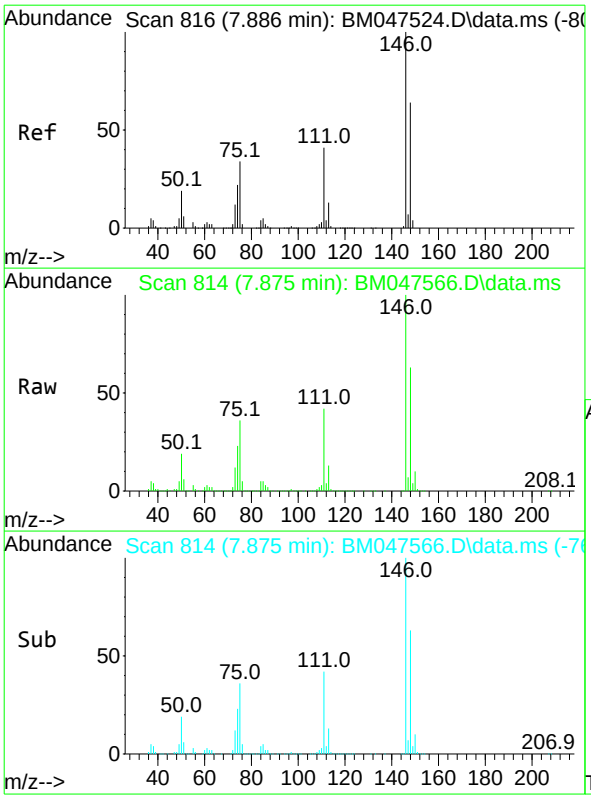


#12
1,3-Dichlorobenzene
Concen: 39.620 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:146 Resp: 1219326

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.4
75	34.5	27.4	41.0

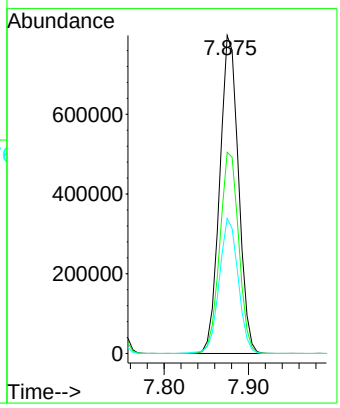




#13
1,4-Dichlorobenzene
Concen: 39.324 ng
RT: 7.875 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:146 Resp: 1232665

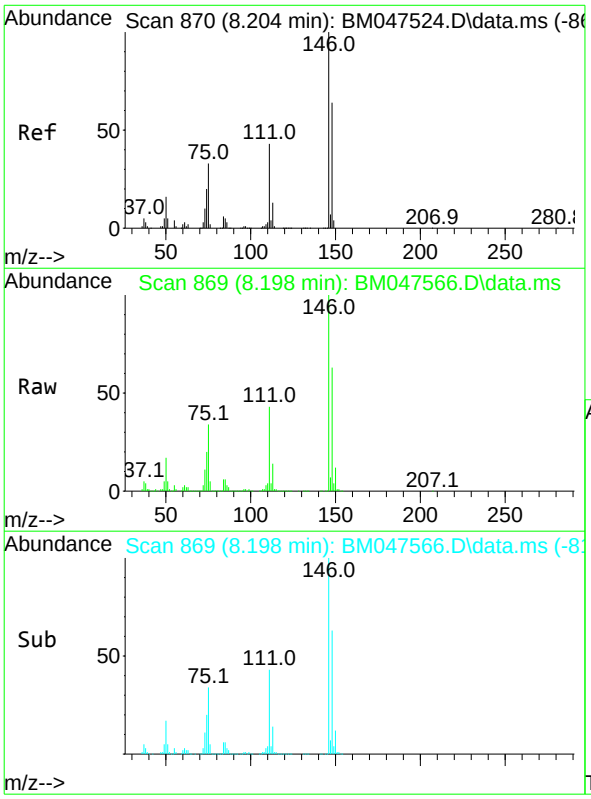
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	42.5	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

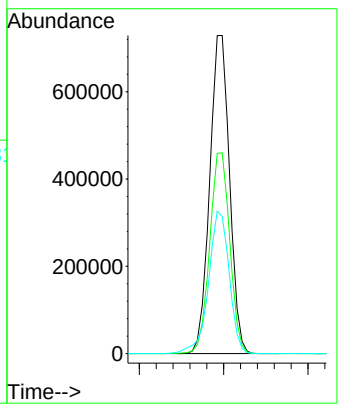
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

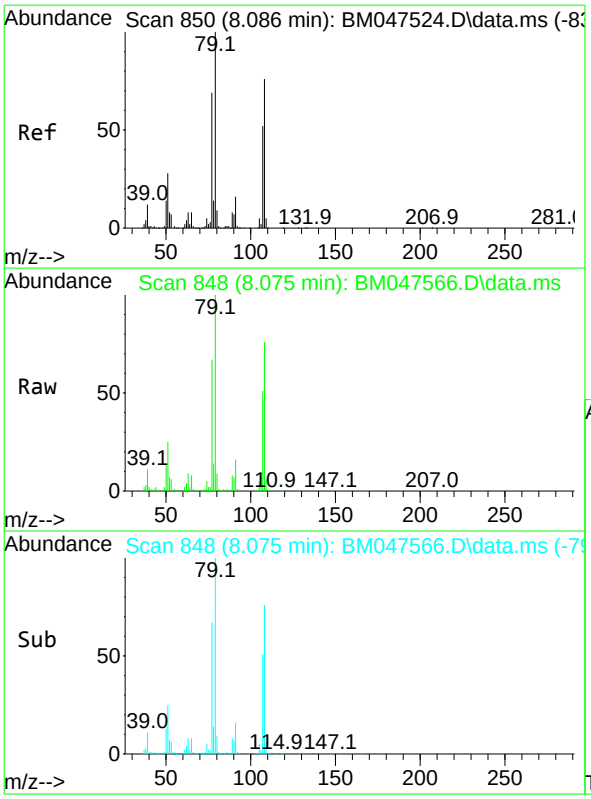


#14
1,2-Dichlorobenzene
Concen: 38.586 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:146 Resp: 1190334

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	43.1	34.7	52.1

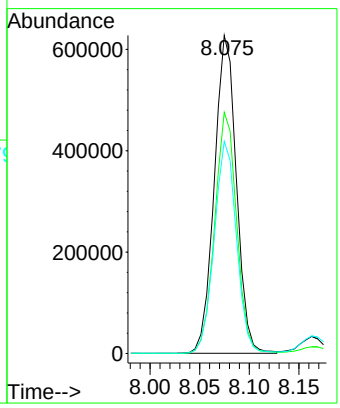




#15
Benzyl Alcohol
Concen: 39.820 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 79 Resp: 968822

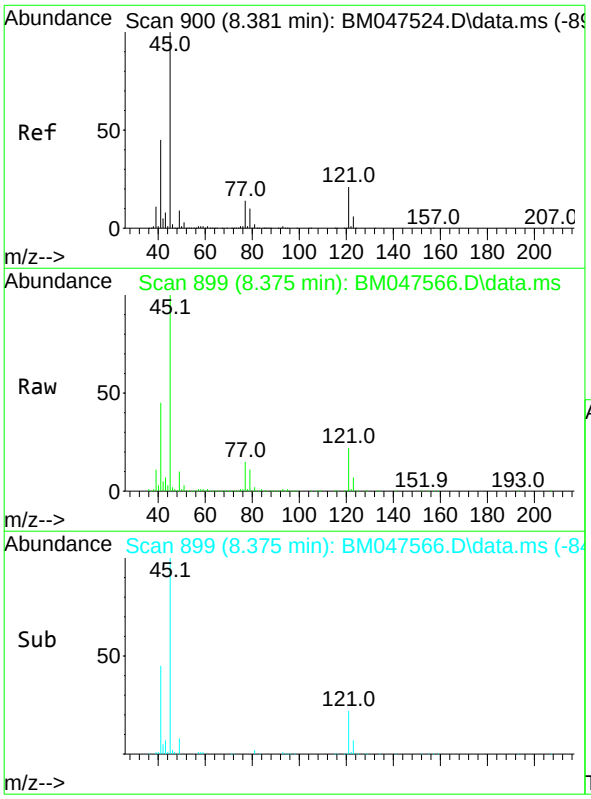
Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.6	91.0
77	66.7	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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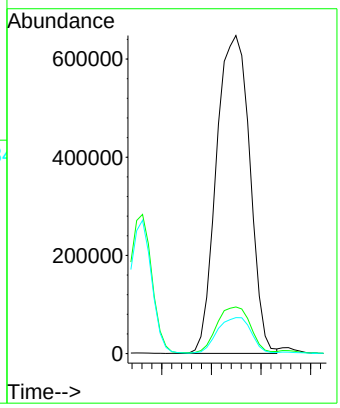
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

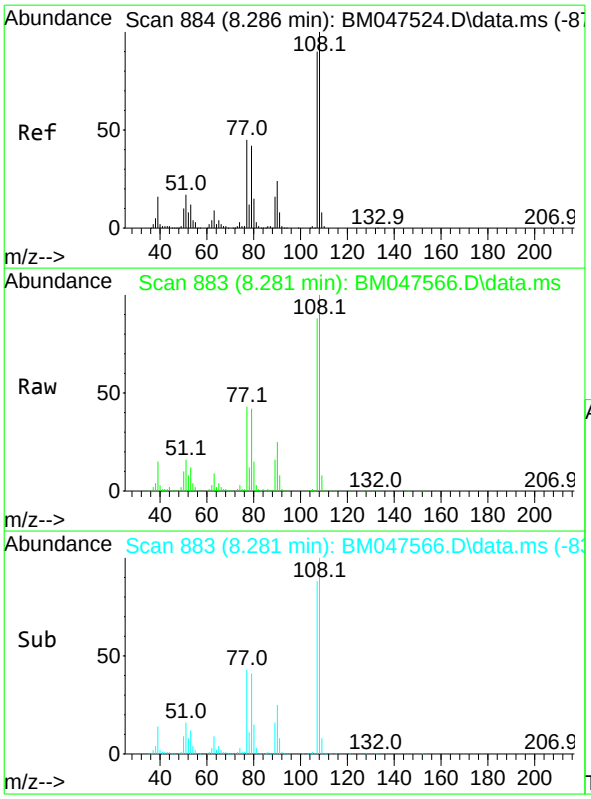


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.226 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 45 Resp: 1511971

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.7
79	11.3	0.0	30.3

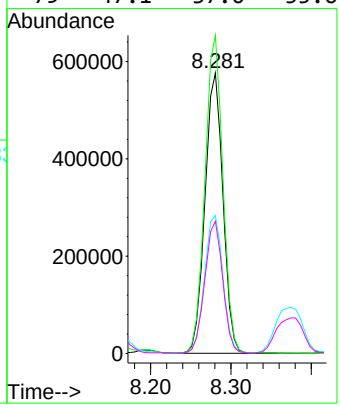




#17
2-Methylphenol
Concen: 39.073 ng
RT: 8.281 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:107 Resp: 897728

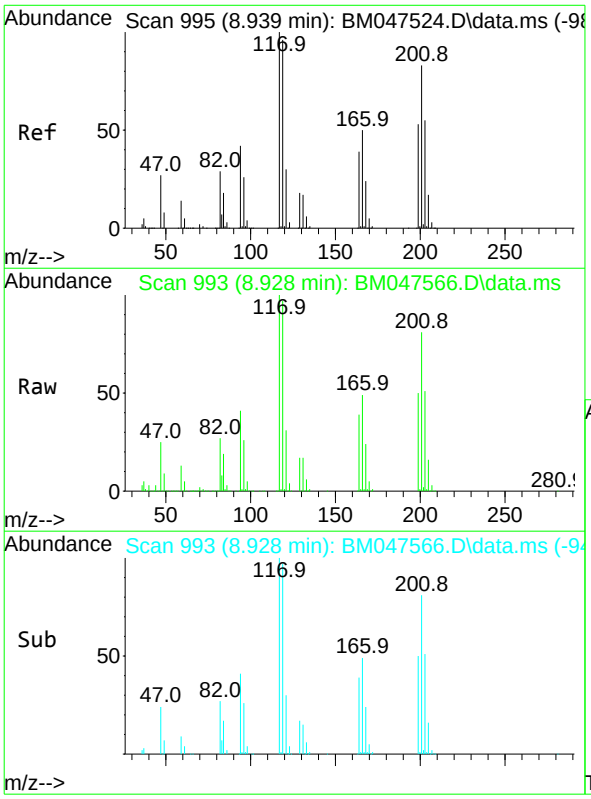
Ion	Ratio	Lower	Upper
107	100		
108	113.4	88.9	133.3
77	49.2	39.8	59.8
79	47.1	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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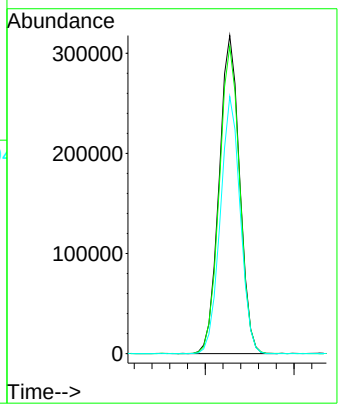
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

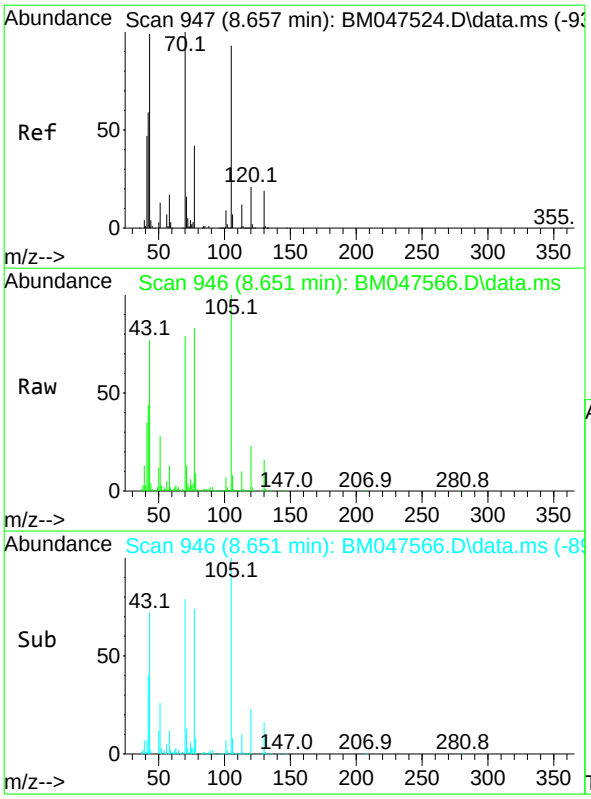


#18
Hexachloroethane
Concen: 40.686 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:117 Resp: 509471

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	80.8	66.8	100.2

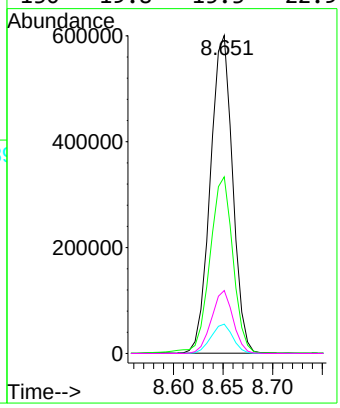




#19
n-Nitroso-di-n-propylamine
Concen: 38.623 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 70 Resp: 935365

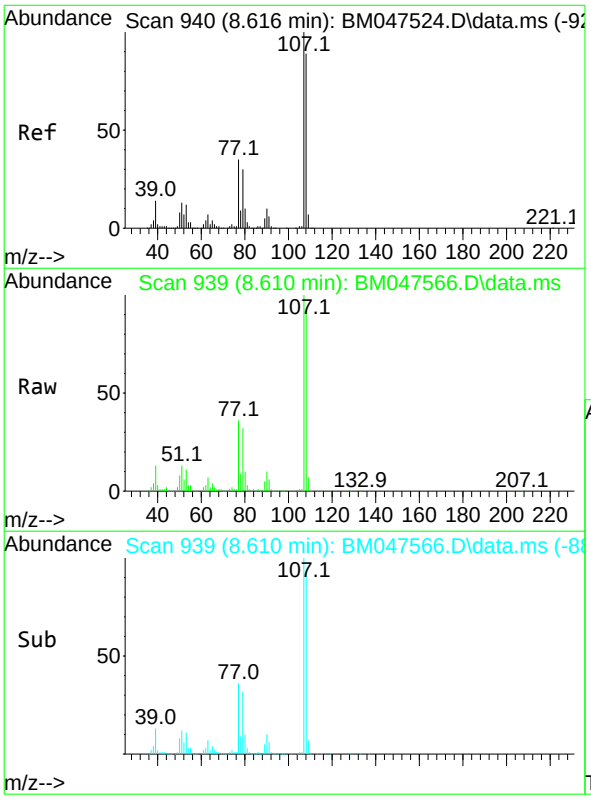
Ion	Ratio	Lower	Upper
70	100		
42	55.5	48.2	72.2
101	9.2	7.0	10.4
130	19.8	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

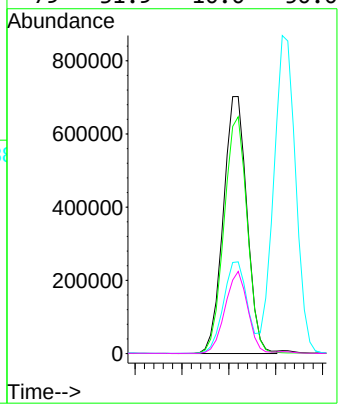
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

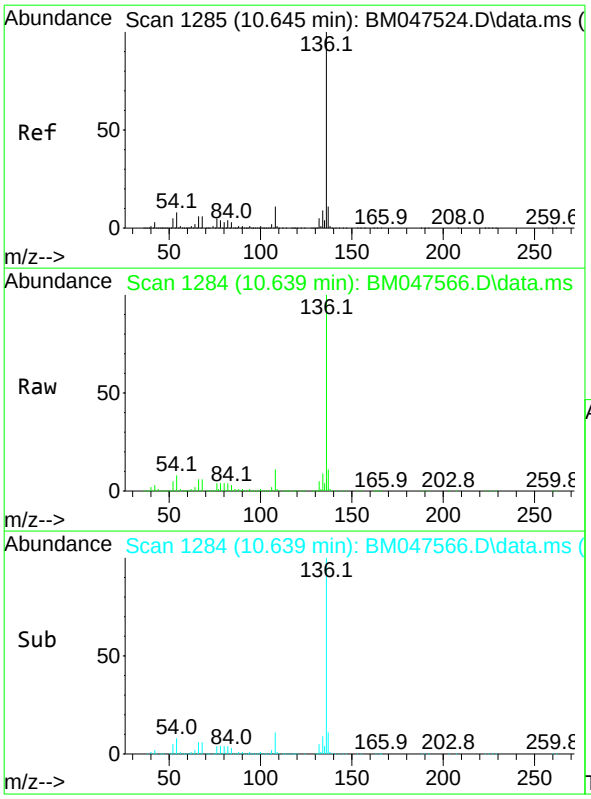


#20
3+4-Methylphenols
Concen: 38.353 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:107 Resp: 1229549

Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.9	108.9
77	35.7	15.5	55.5
79	31.9	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

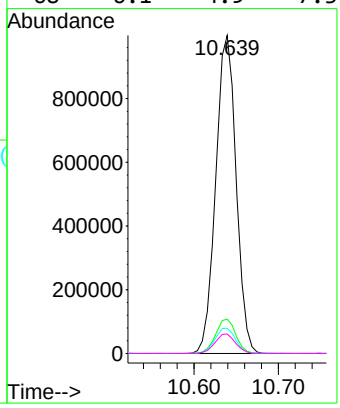
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

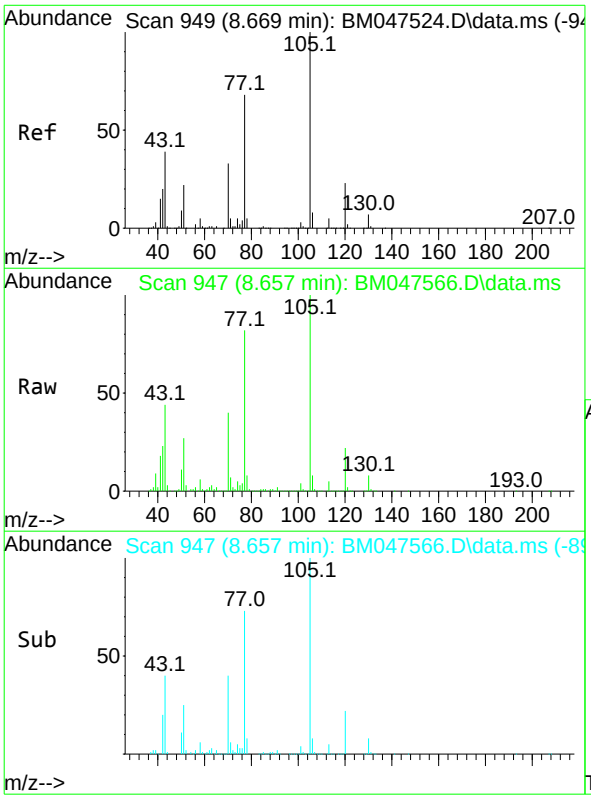
Tgt Ion:136 Resp: 1674497

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.9	6.6	9.8
68	6.1	4.9	7.3

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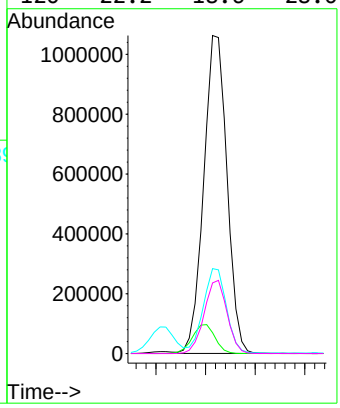


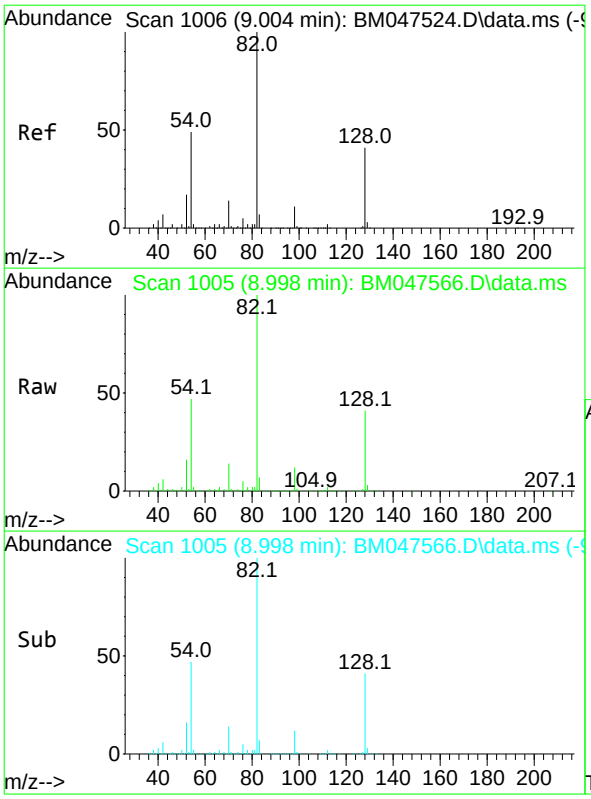


#22
Acetophenone
Concen: 39.336 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:105 Resp: 1731710

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.3	6.5#
51	26.7	21.5	32.3
120	22.2	18.6	28.0

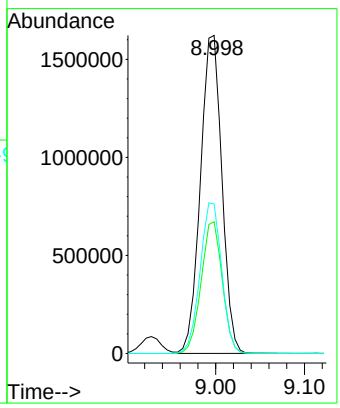




#23
Nitrobenzene-d5
Concen: 81.415 ng
RT: 8.998 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 82 Resp: 2724089

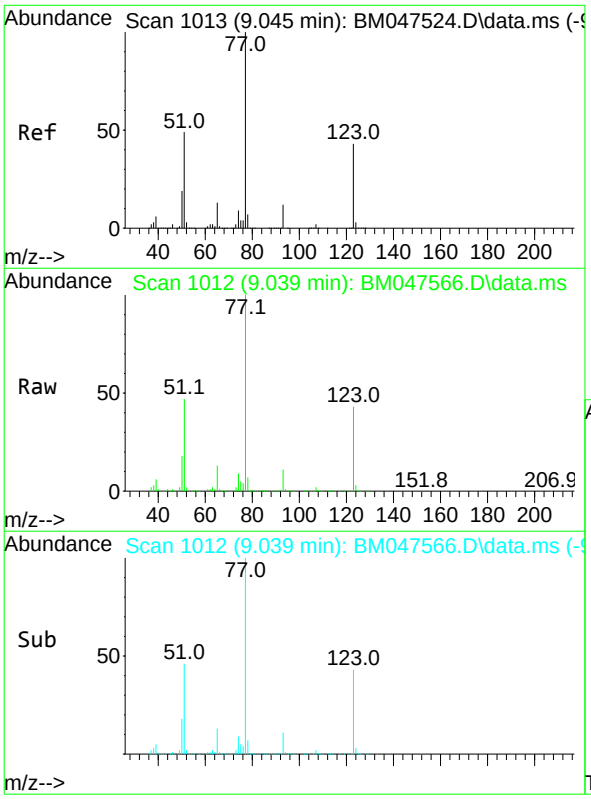
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	47.0	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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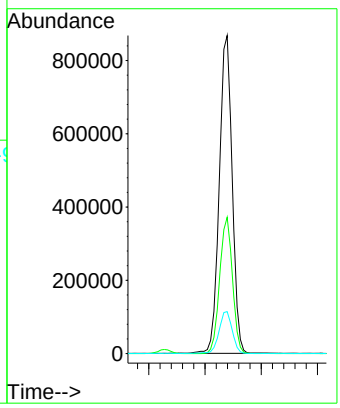
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

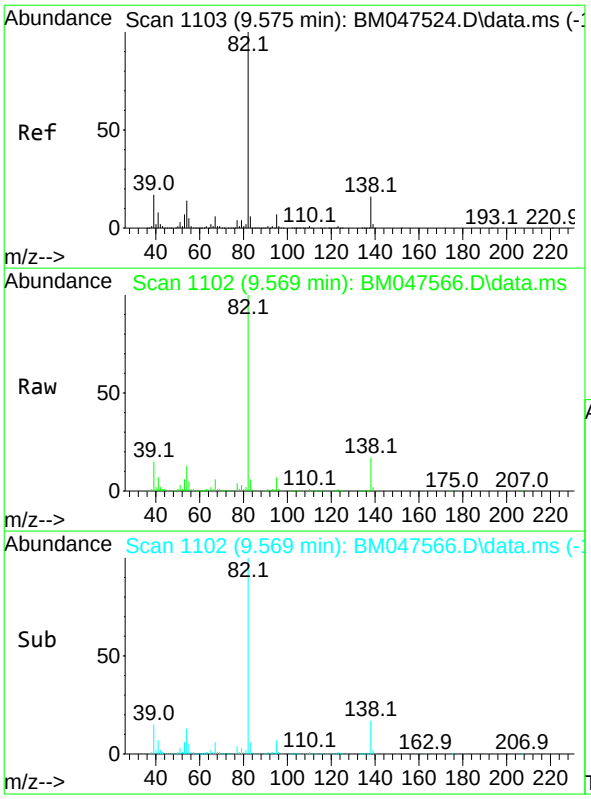


#24
Nitrobenzene
Concen: 40.125 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 77 Resp: 1379554

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.5	51.7
65	13.2	10.7	16.1

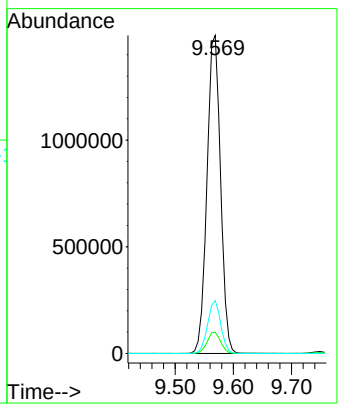




#25
Isophorone
Concen: 40.999 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 82 Resp: 2411668

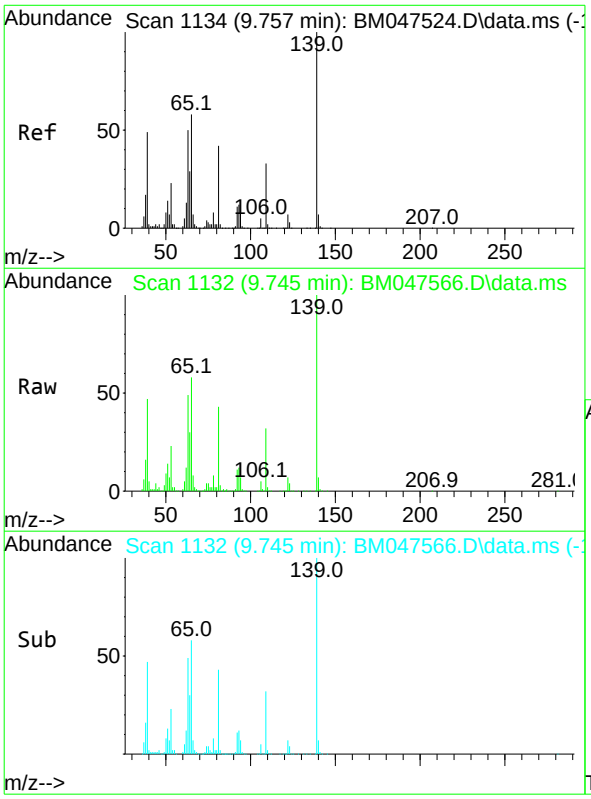
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	16.6	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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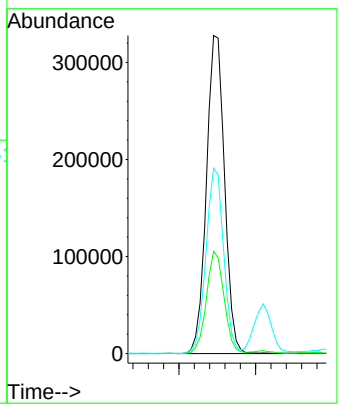
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

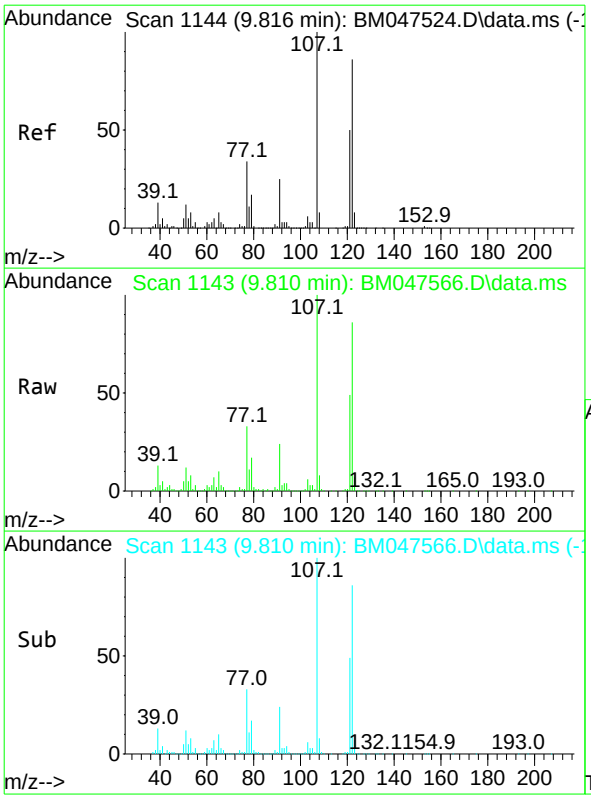


#26
2-Nitrophenol
Concen: 45.878 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:139 Resp: 537507

Ion	Ratio	Lower	Upper
139	100		
109	32.2	26.0	39.0
65	58.3	46.2	69.4

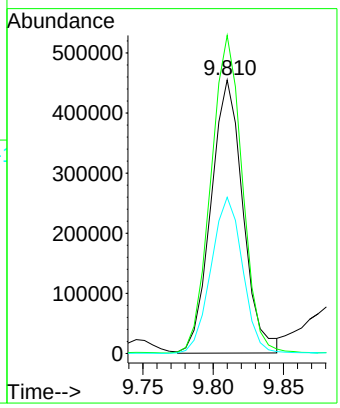




#27
2,4-Dimethylphenol
Concen: 40.532 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:122 Resp: 719860

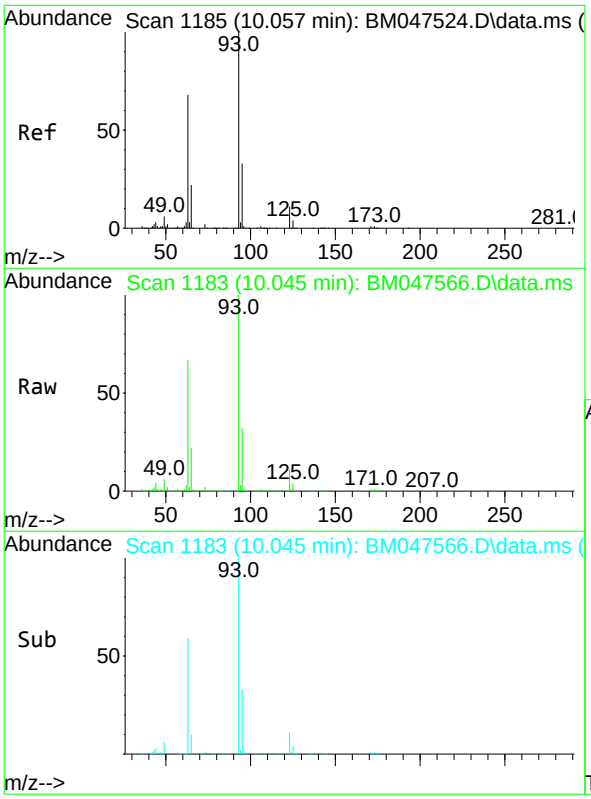
Ion	Ratio	Lower	Upper
122	100		
107	116.3	92.4	138.6
121	57.1	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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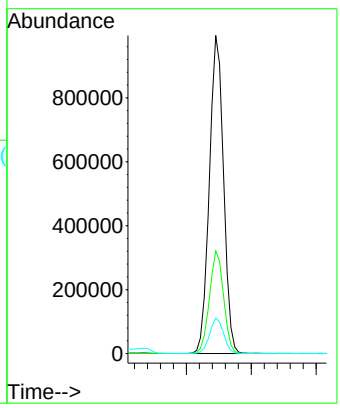
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

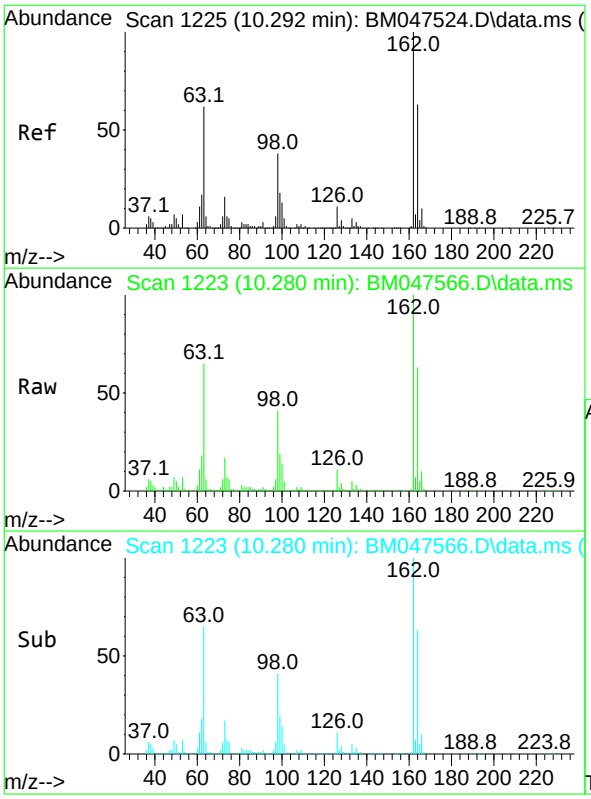


#28
bis(2-Chloroethoxy)methane
Concen: 40.891 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 93 Resp: 1510866

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.2	9.2	13.8

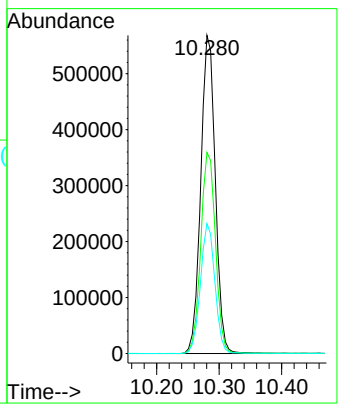




#29
2,4-Dichlorophenol
Concen: 40.760 ng
RT: 10.280 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:162 Resp: 919700

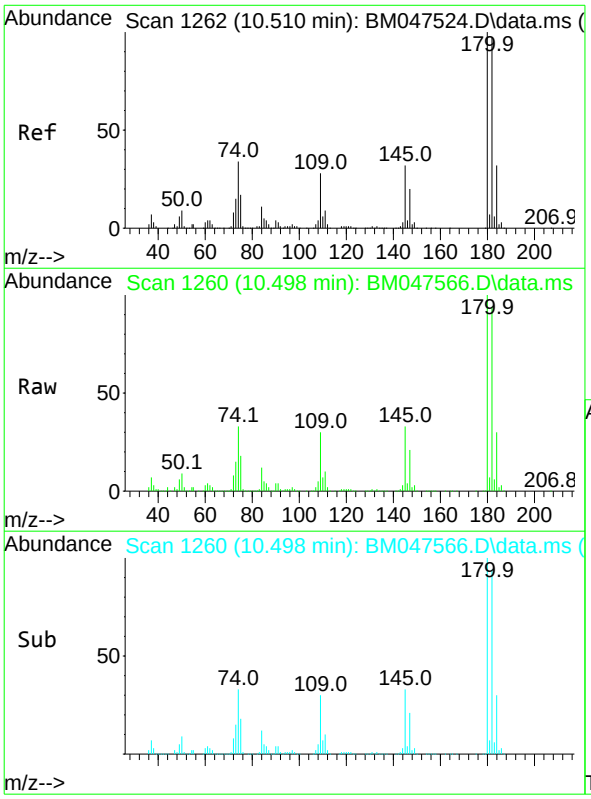
Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.5	83.5
98	40.8	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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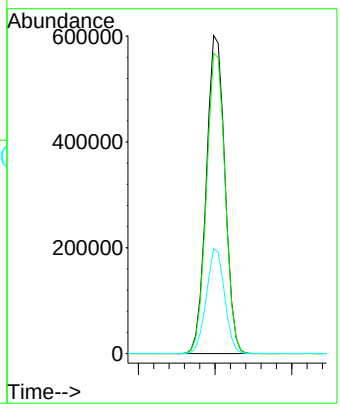
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

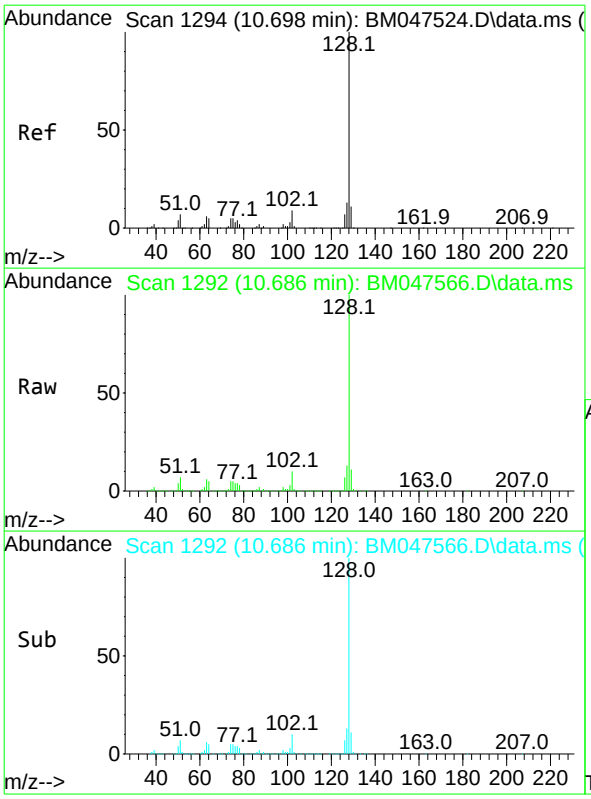


#30
1,2,4-Trichlorobenzene
Concen: 39.082 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:180 Resp: 1010125

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.6	116.4
145	33.0	25.4	38.0





#31
Naphthalene
Concen: 39.178 ng
RT: 10.686 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

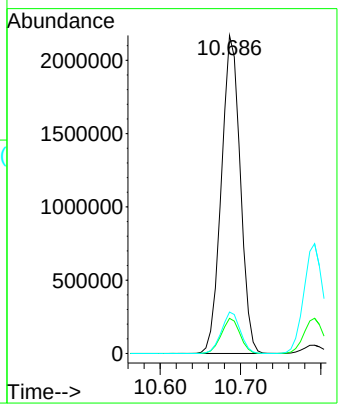
Tgt Ion:128 Resp: 3543113

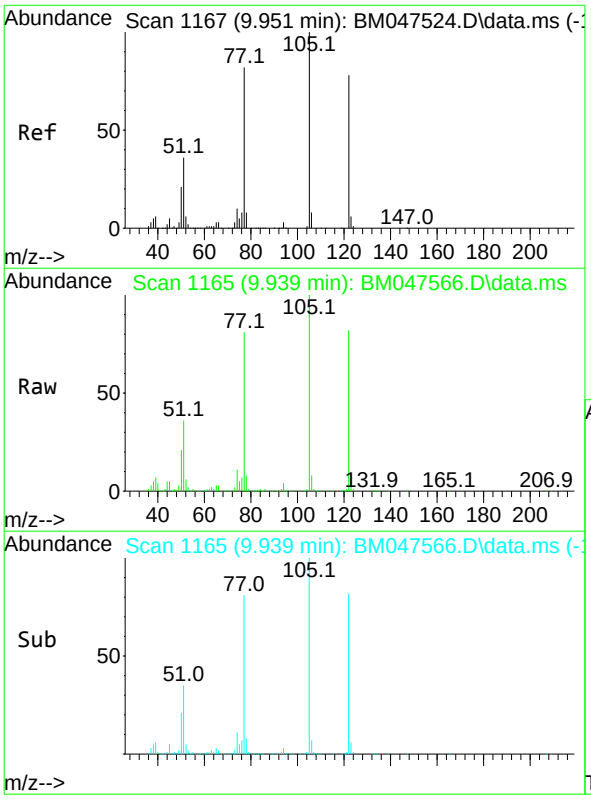
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.0	10.5	15.7

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

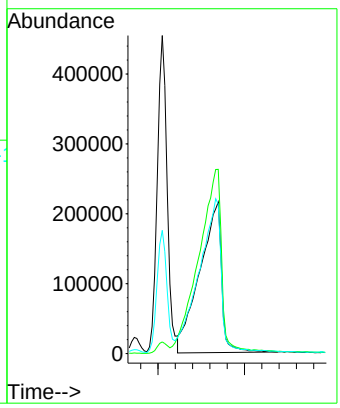


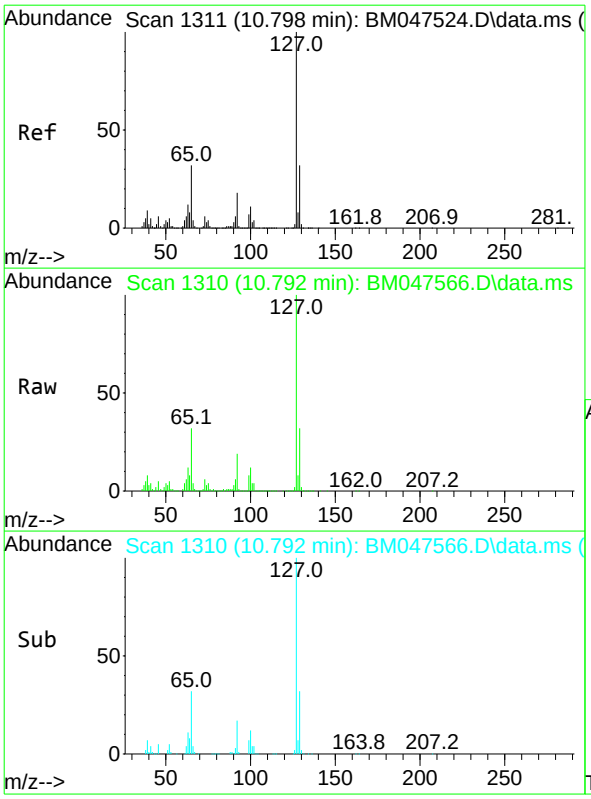


#32
Benzoic acid
Concen: 43.933 ng
RT: 9.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:122 Resp: 757607

Ion	Ratio	Lower	Upper
122	100		
105	121.6	104.7	144.7
77	98.6	83.4	123.4

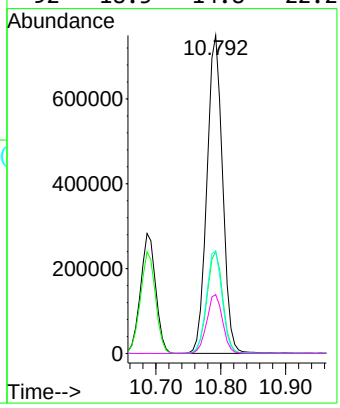




#33
4-Chloroaniline
Concen: 38.458 ng
RT: 10.792 min Scan# 13
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

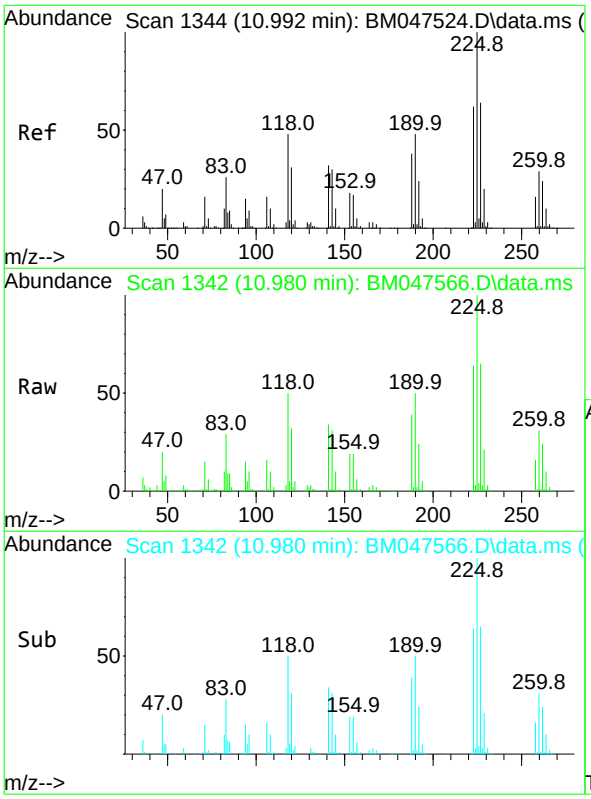
Tgt Ion:127 Resp: 1257482

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	32.3	25.5	38.3
92	18.5	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

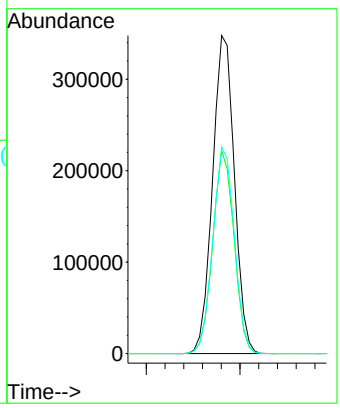
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APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

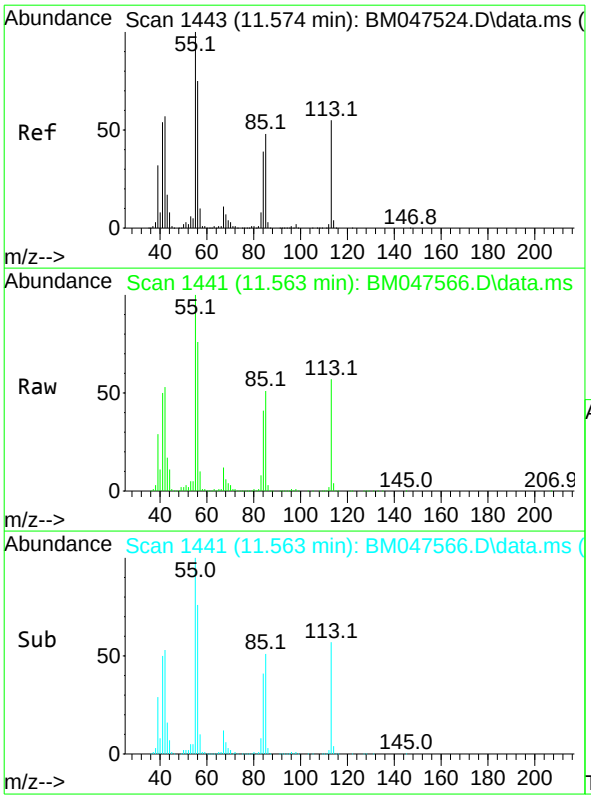


#34
Hexachlorobutadiene
Concen: 39.348 ng
RT: 10.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:225 Resp: 563307

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.8	74.6
227	65.0	51.0	76.4

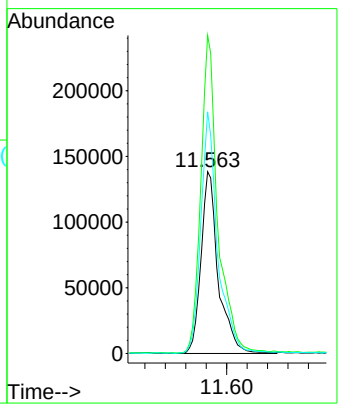




#35
Caprolactam
Concen: 43.628 ng
RT: 11.563 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:113 Resp: 324237

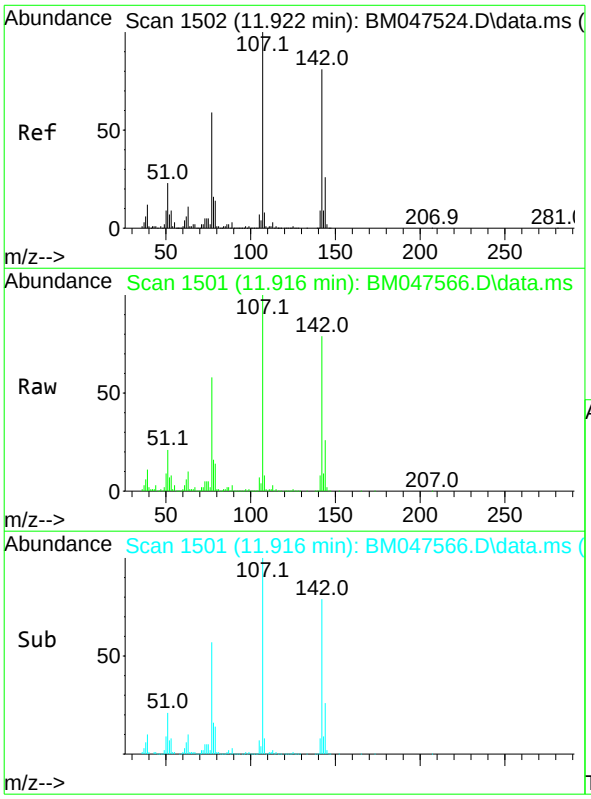
Ion	Ratio	Lower	Upper
113	100		
55	175.0	162.5	202.5
56	133.0	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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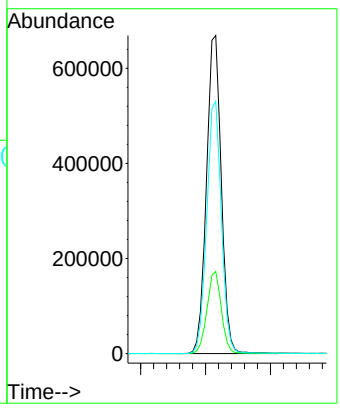
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

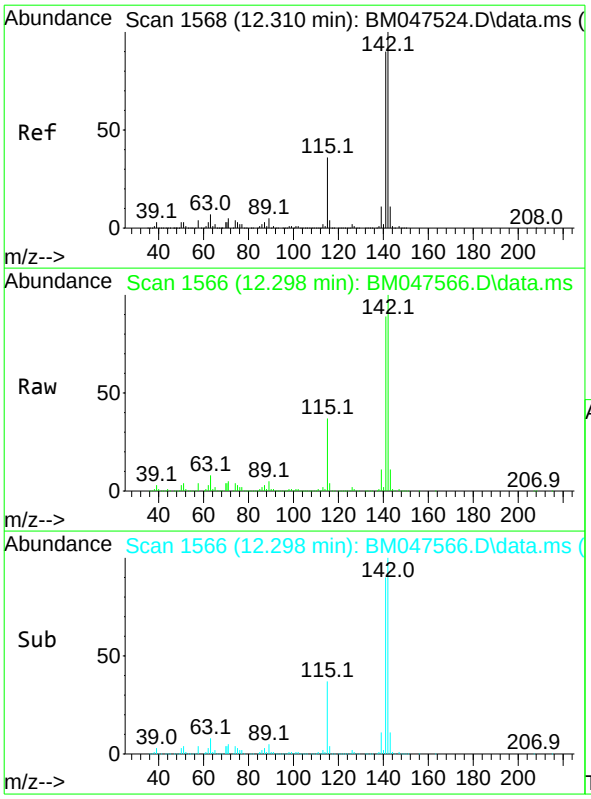


#36
4-Chloro-3-methylphenol
Concen: 41.032 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:107 Resp: 1061022

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	79.3	65.0	97.4

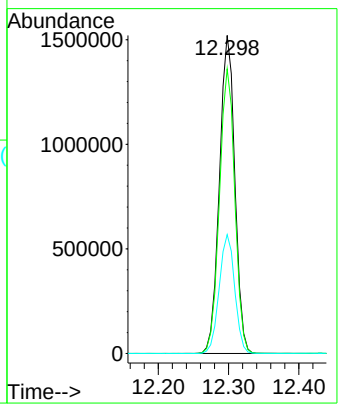




#37
2-Methylnaphthalene
Concen: 38.531 ng
RT: 12.298 min Scan# 15
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:142 Resp: 2319196

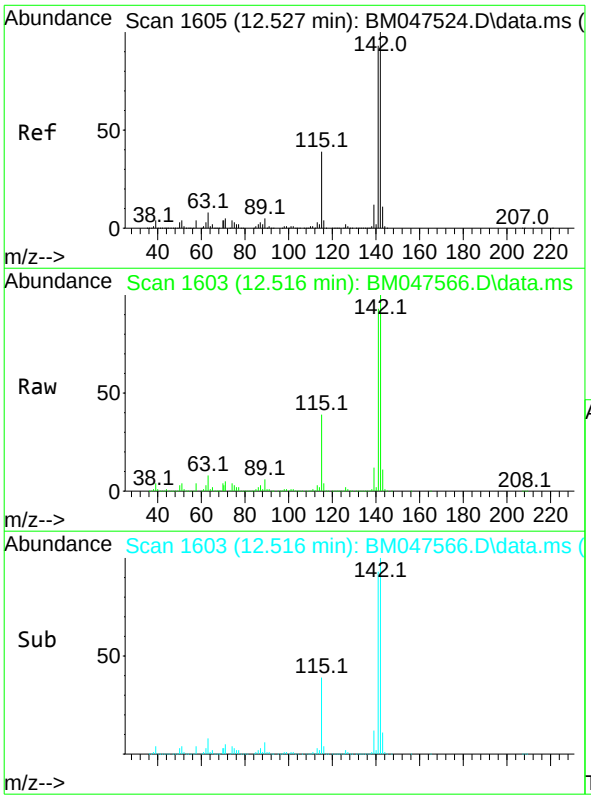
Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.4
115	37.4	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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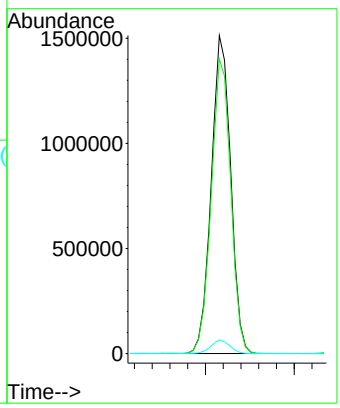
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

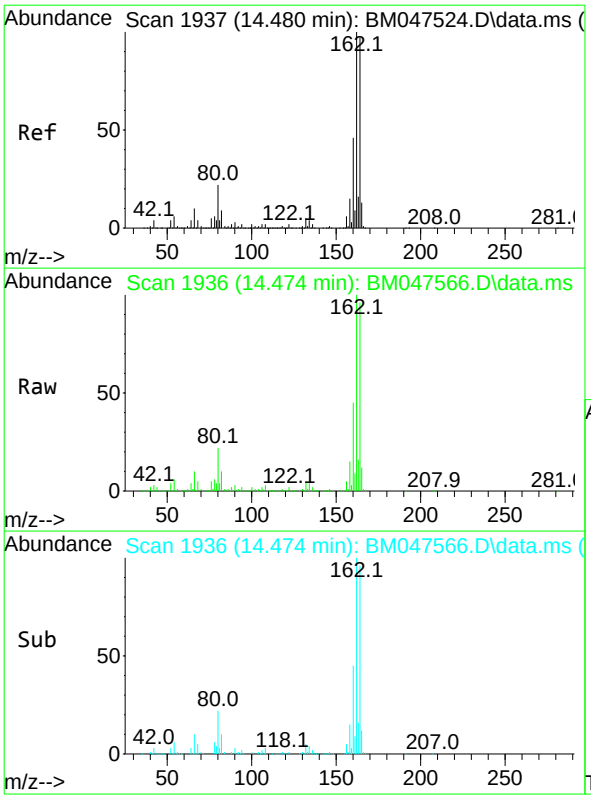


#38
1-Methylnaphthalene
Concen: 38.352 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:142 Resp: 2294073

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.3	3.2	4.8

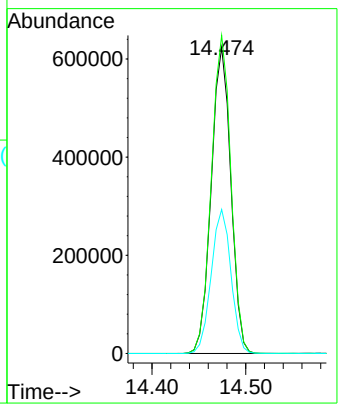




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:164 Resp: 905170

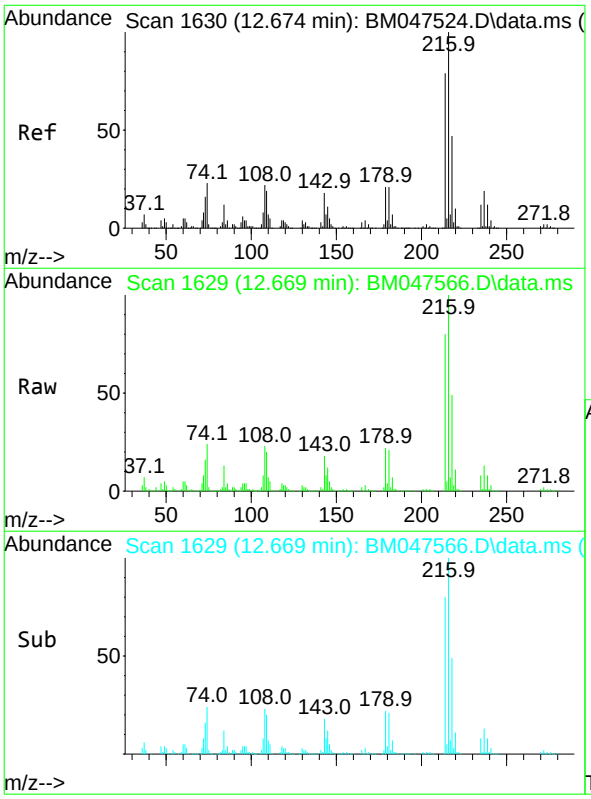
Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	47.1	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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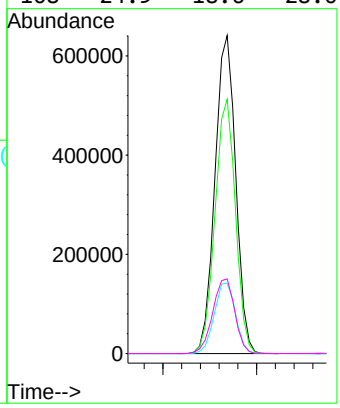
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

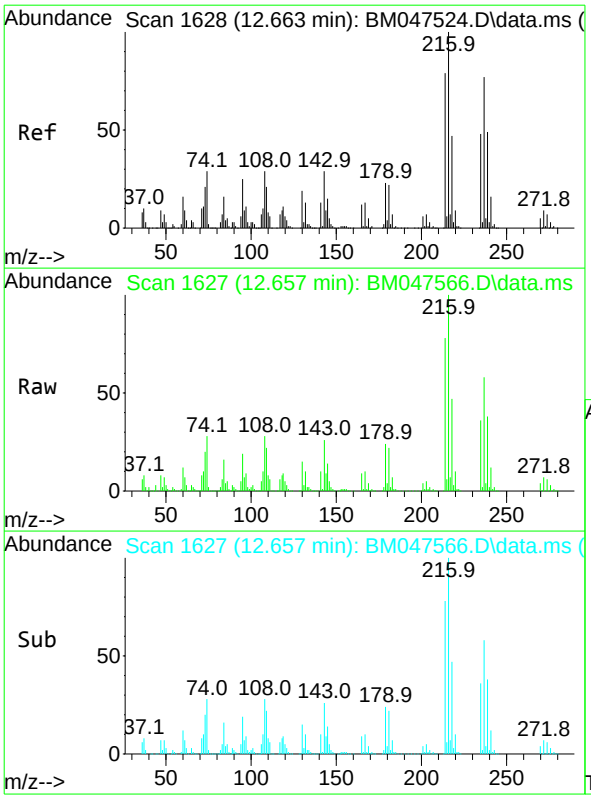


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.279 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:216 Resp: 986570

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	22.7	17.5	26.3
108	24.9	18.6	28.0

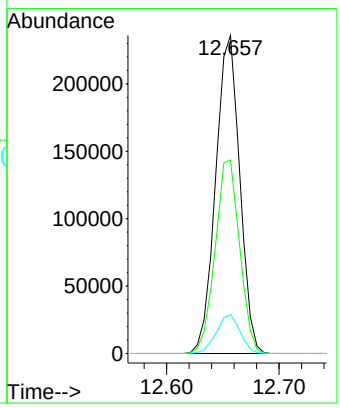




#41
Hexachlorocyclopentadiene
Concen: 43.840 ng
RT: 12.657 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:237 Resp: 351029

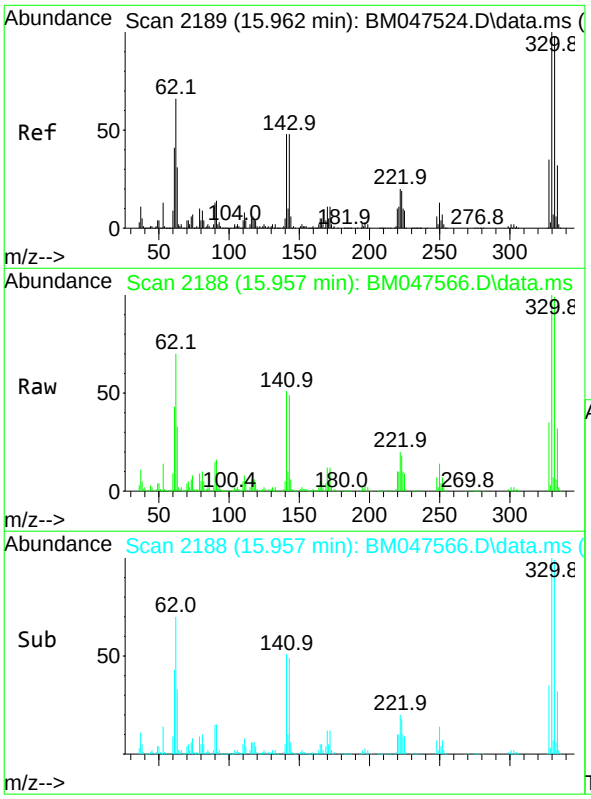
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.0	82.0
272	12.2	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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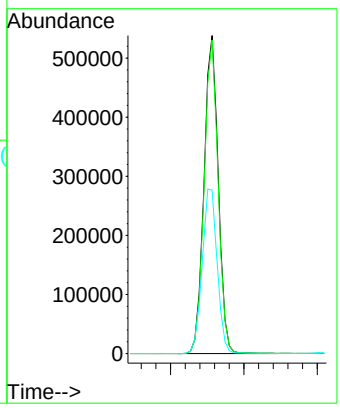
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

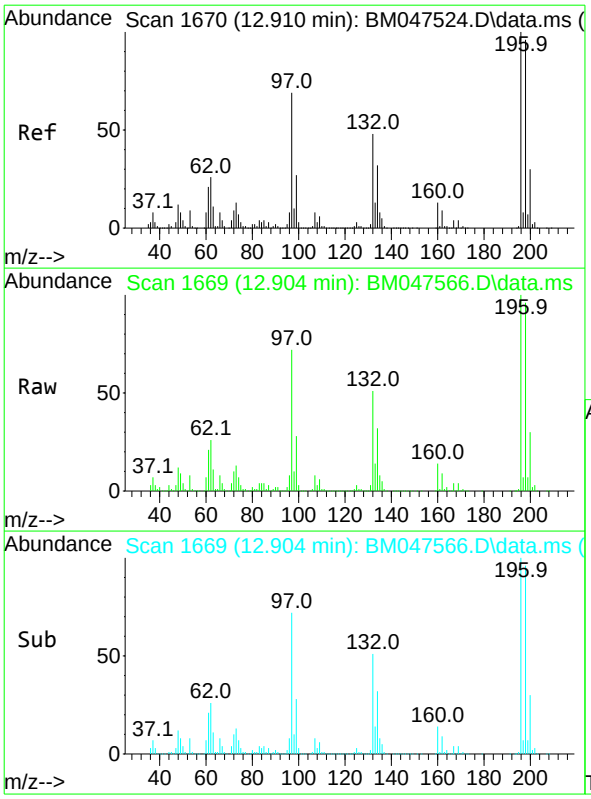


#42
2,4,6-Tribromophenol
Concen: 83.145 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:330 Resp: 727459

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	54.6	42.2	63.2

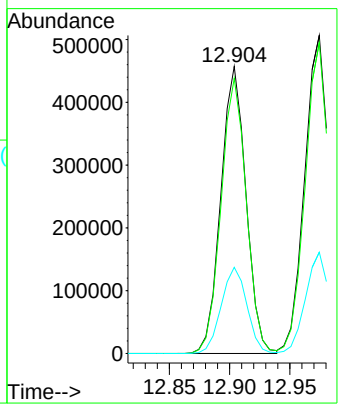




#43
2,4,6-Trichlorophenol
Concen: 43.230 ng
RT: 12.904 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:196 Resp: 663369

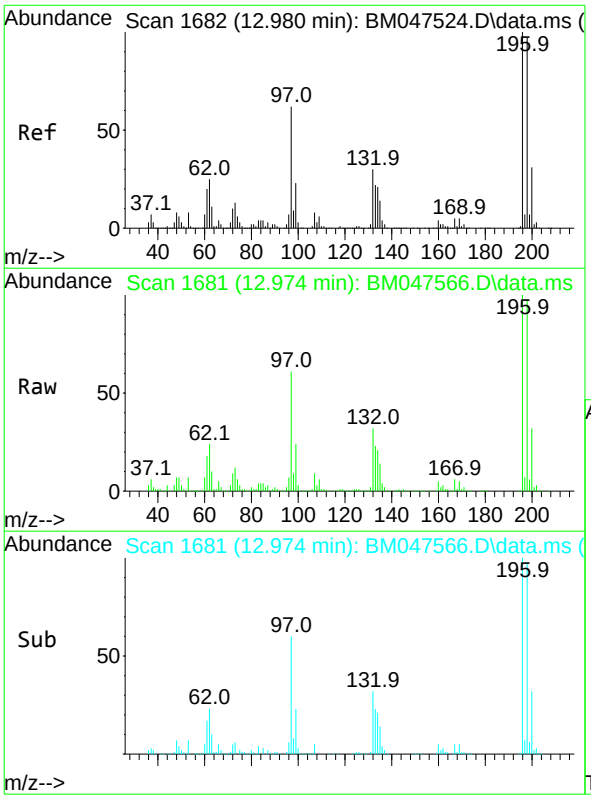
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.9	115.3
200	30.0	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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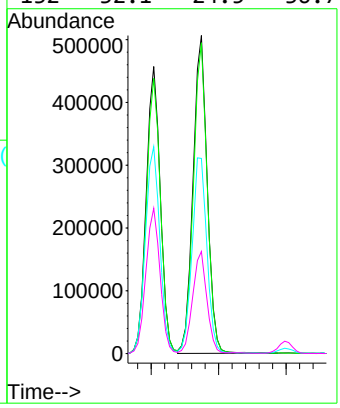
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

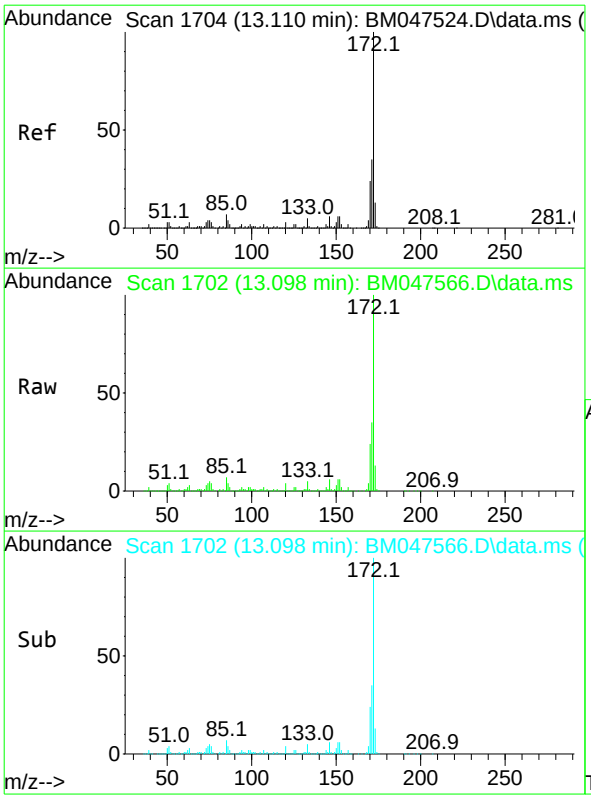


#44
2,4,5-Trichlorophenol
Concen: 42.523 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:196 Resp: 737007

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.4	116.2
97	61.4	49.8	74.8
132	32.1	24.5	36.7

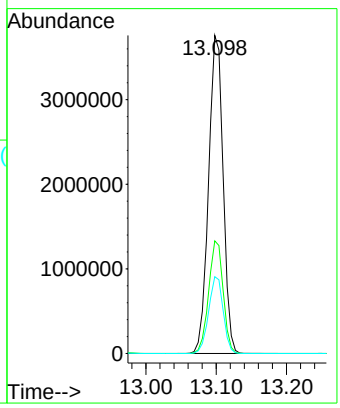




#45
2-Fluorobiphenyl
Concen: 82.051 ng
RT: 13.098 min Scan# 17
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:172 Resp: 5391582

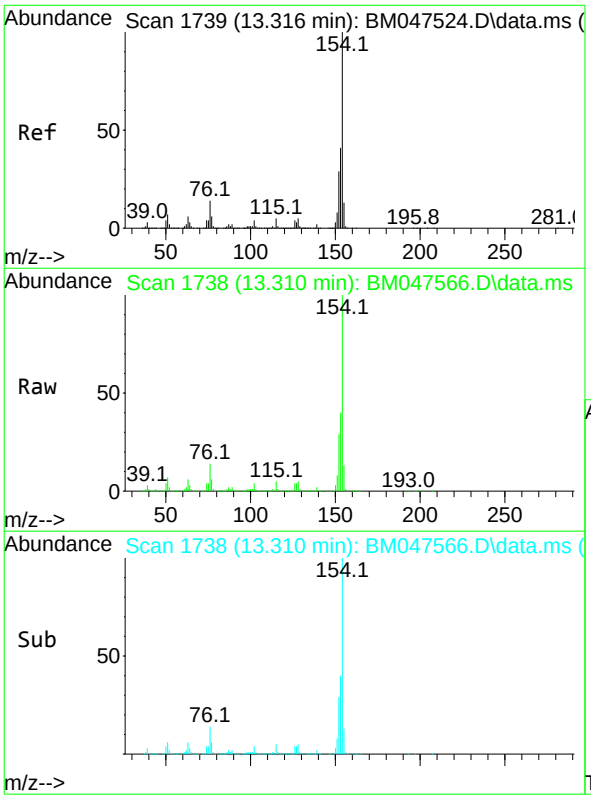
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	24.2	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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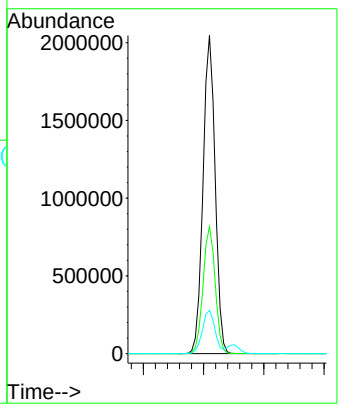
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

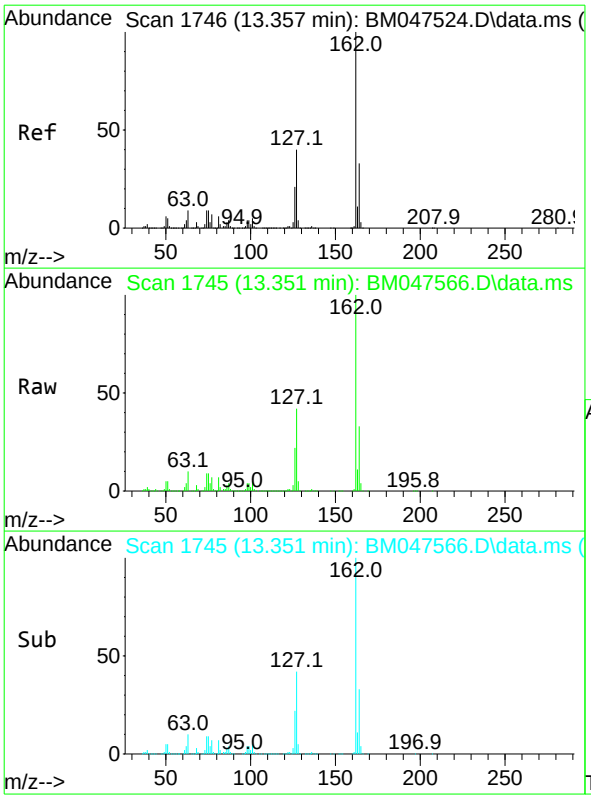


#46
1,1'-Biphenyl
Concen: 40.533 ng
RT: 13.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:154 Resp: 2854654

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.6	60.6
76	13.6	0.0	33.9

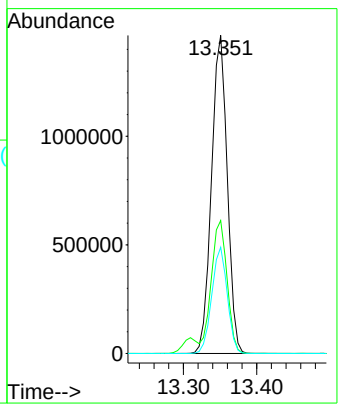




#47
2-Chloronaphthalene
Concen: 39.928 ng
RT: 13.351 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:162 Resp: 2183481

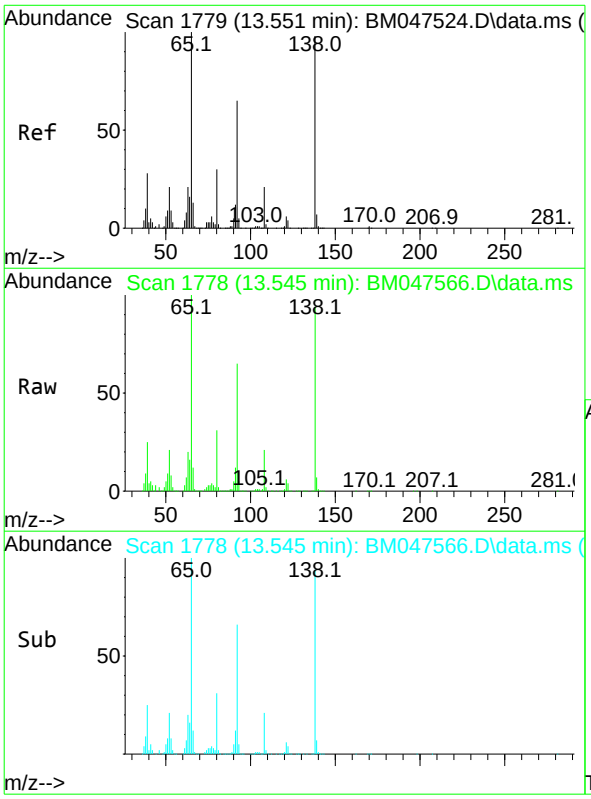
Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.2	48.4
164	33.4	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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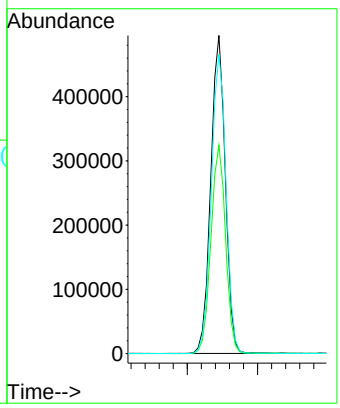
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

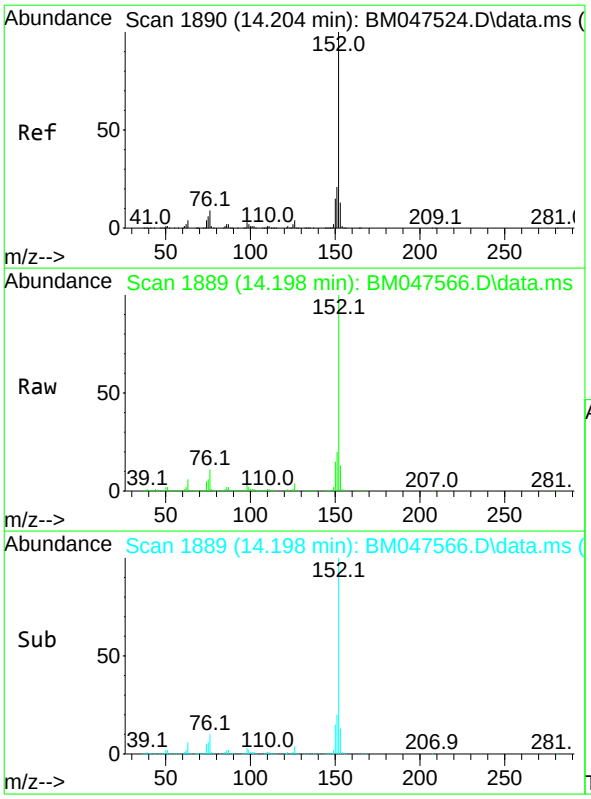


#48
2-Nitroaniline
Concen: 44.296 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 65 Resp: 711483

Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.9	77.9
138	94.0	78.5	117.7





#49
Acenaphthylene
Concen: 40.512 ng
RT: 14.198 min Scan# 18
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

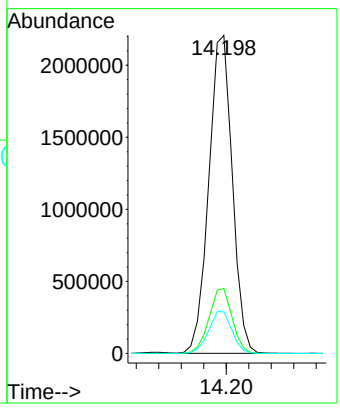
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

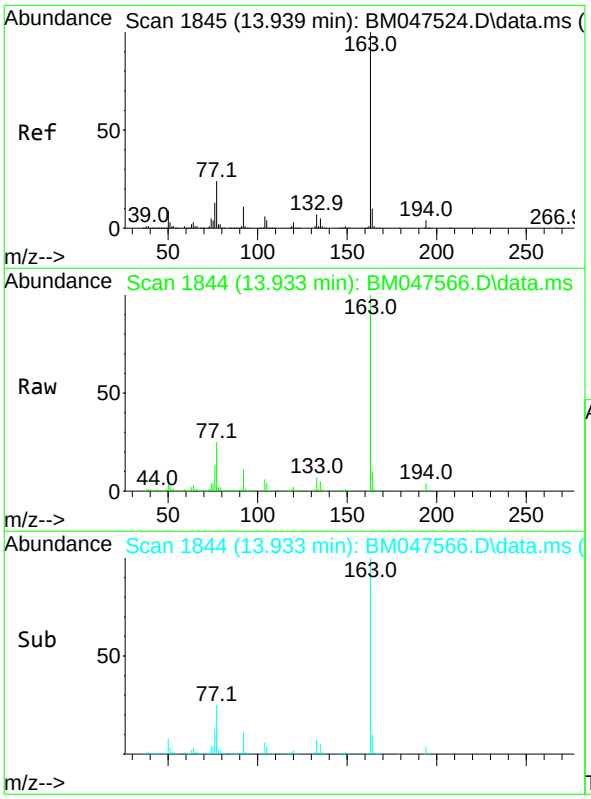
Tgt Ion:152 Resp: 3196953

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.1	10.4	15.6

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Supervised By :mohammad ahmed 09/22/2024

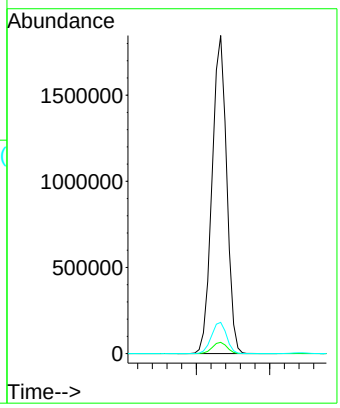


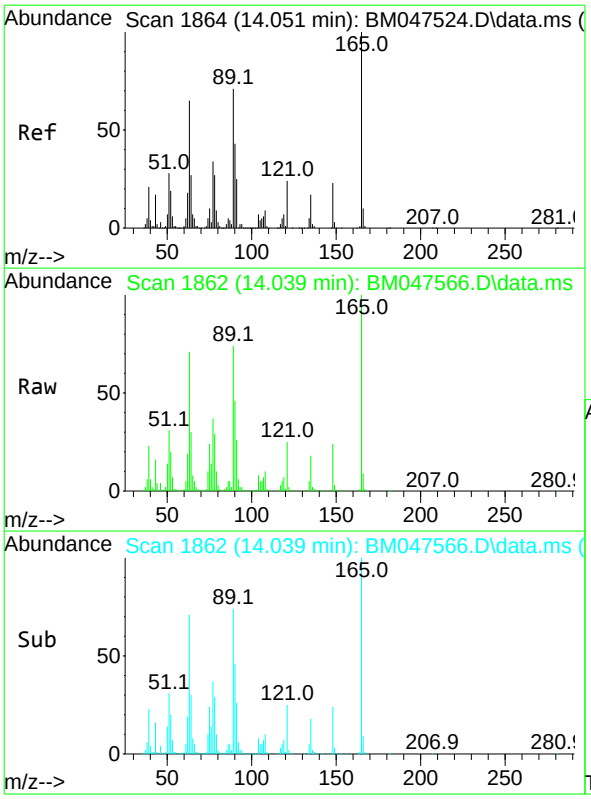


#50
Dimethylphthalate
Concen: 41.425 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:163 Resp: 2555716

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.8	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 42.810 ng
RT: 14.039 min Scan# 18
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

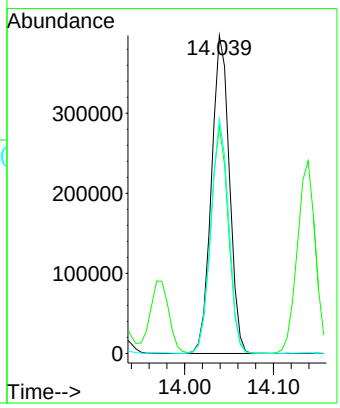
Tgt Ion:165 Resp: 557553

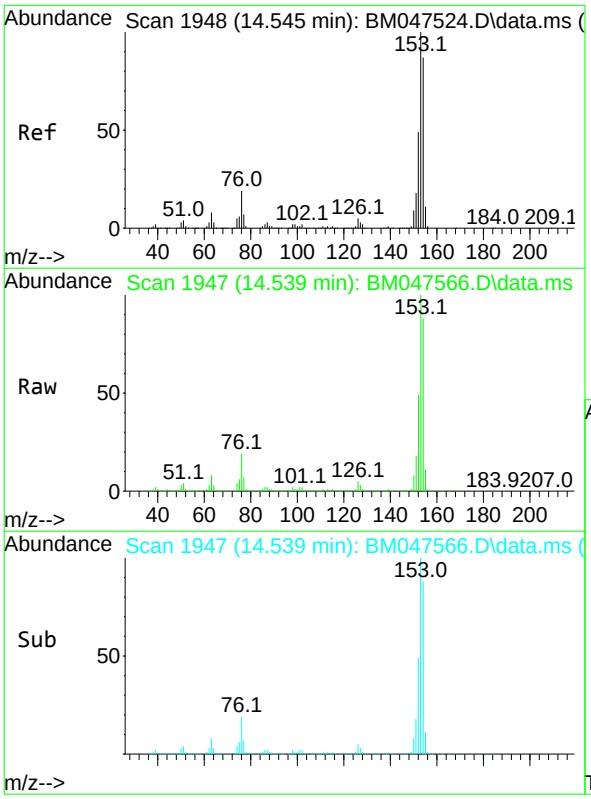
Ion	Ratio	Lower	Upper
165	100		
63	71.3	54.2	81.2
89	73.8	56.4	84.6

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

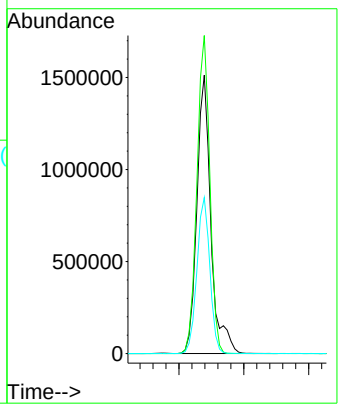


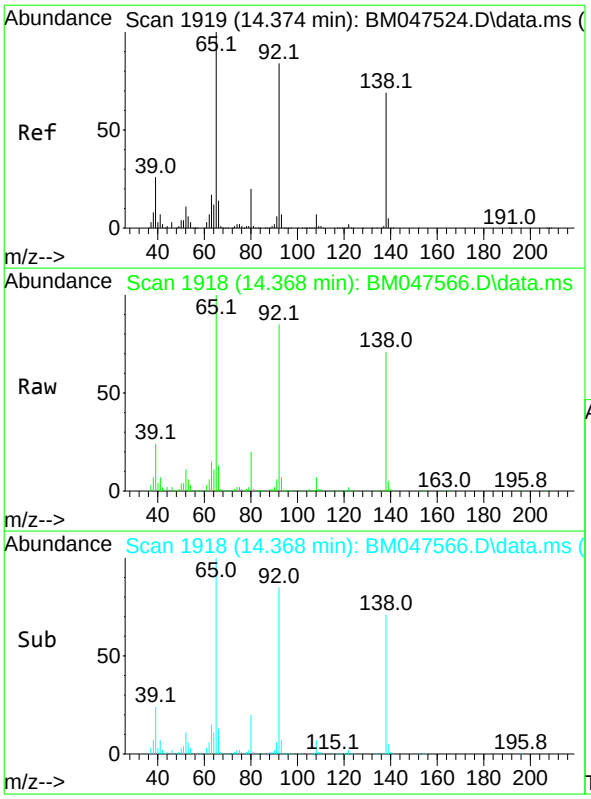


#52
Acenaphthene
Concen: 40.913 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:154 Resp: 2262183

Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.2	138.2
152	56.0	45.4	68.0

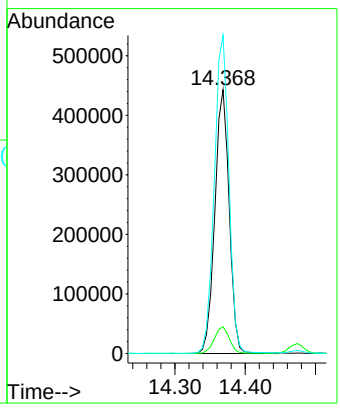




#53
3-Nitroaniline
Concen: 43.417 ng
RT: 14.368 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:138 Resp: 628518

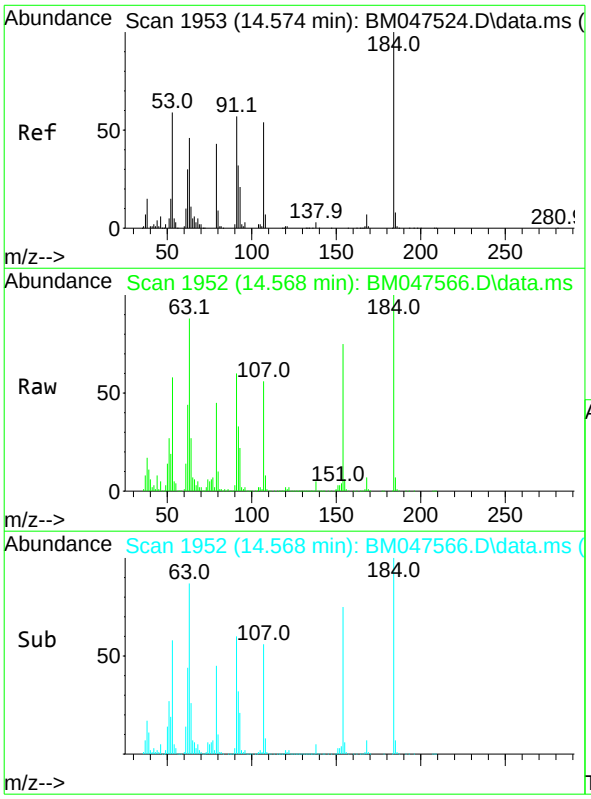
Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.0	12.0
92	120.6	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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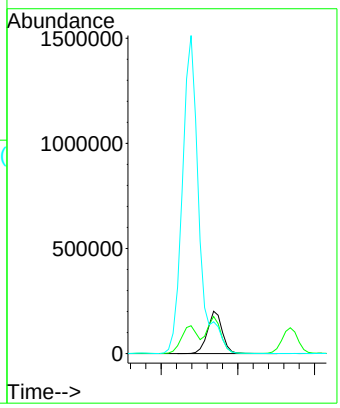
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

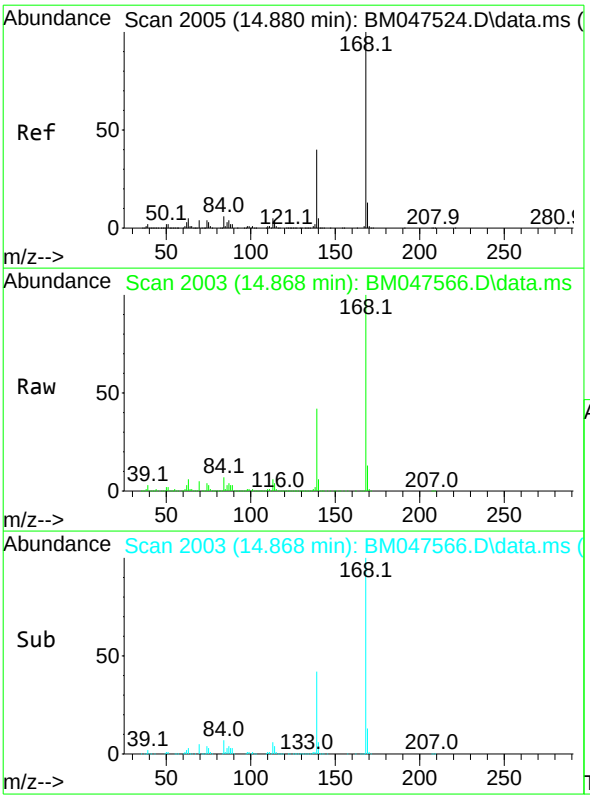


#54
2,4-Dinitrophenol
Concen: 45.515 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:184 Resp: 269954

Ion	Ratio	Lower	Upper
184	100		
63	87.7	69.4	104.0
154	75.2	60.4	90.6

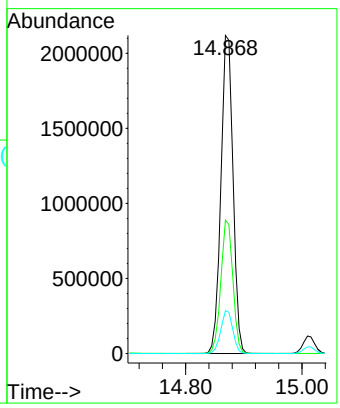




#55
Dibenzofuran
Concen: 39.385 ng
RT: 14.868 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:168 Resp: 3060184

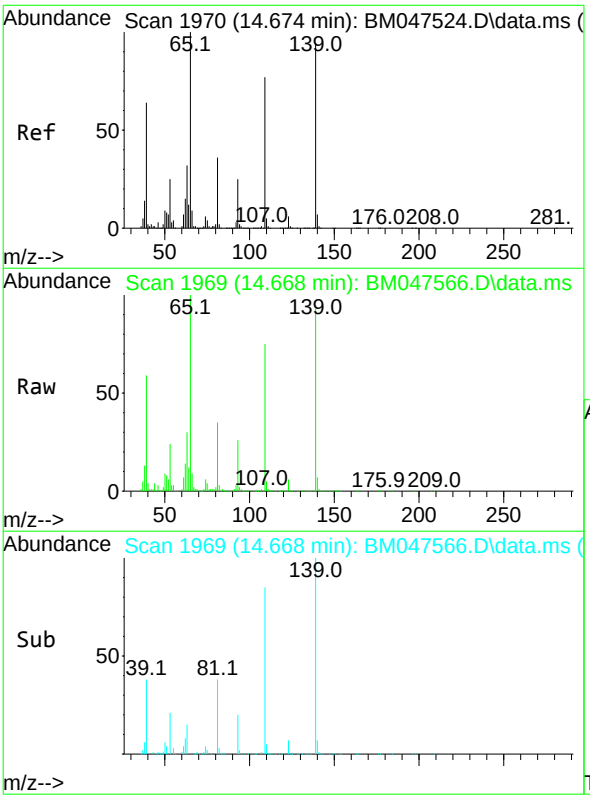
Ion	Ratio	Lower	Upper
168	100		
139	41.9	31.9	47.9
169	13.5	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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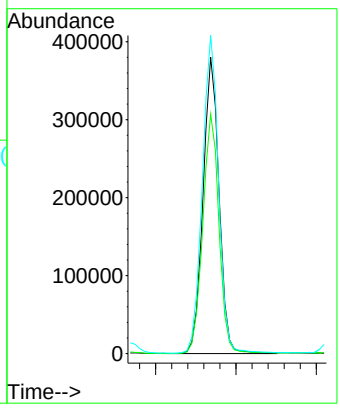
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

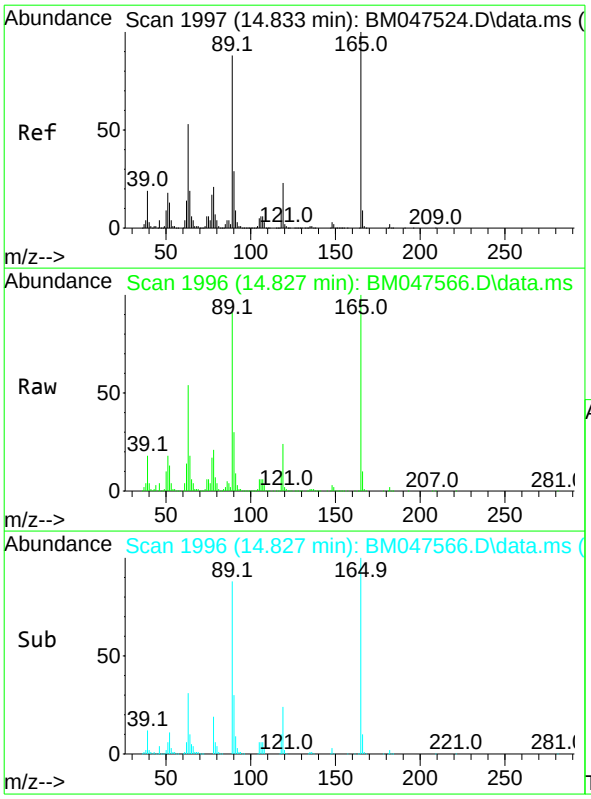


#56
4-Nitrophenol
Concen: 44.188 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:139 Resp: 526372

Ion	Ratio	Lower	Upper
139	100		
109	80.8	62.0	102.0
65	107.3	87.0	127.0

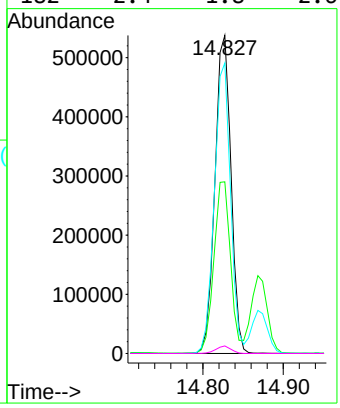




#57
2,4-Dinitrotoluene
Concen: 43.073 ng
RT: 14.827 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:165 Resp: 748179

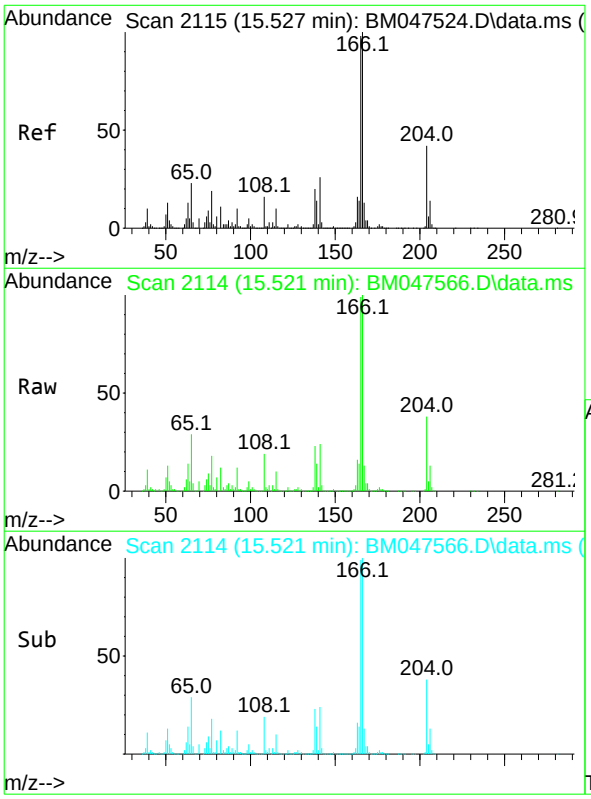
Ion	Ratio	Lower	Upper
165	100		
63	54.0	42.4	63.6
89	91.3	70.5	105.7
182	2.4	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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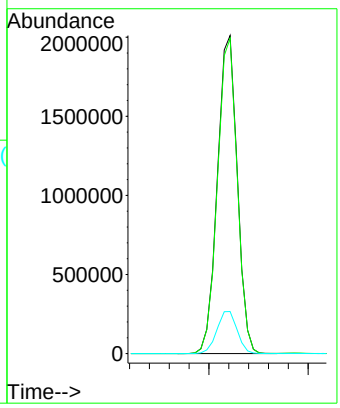
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

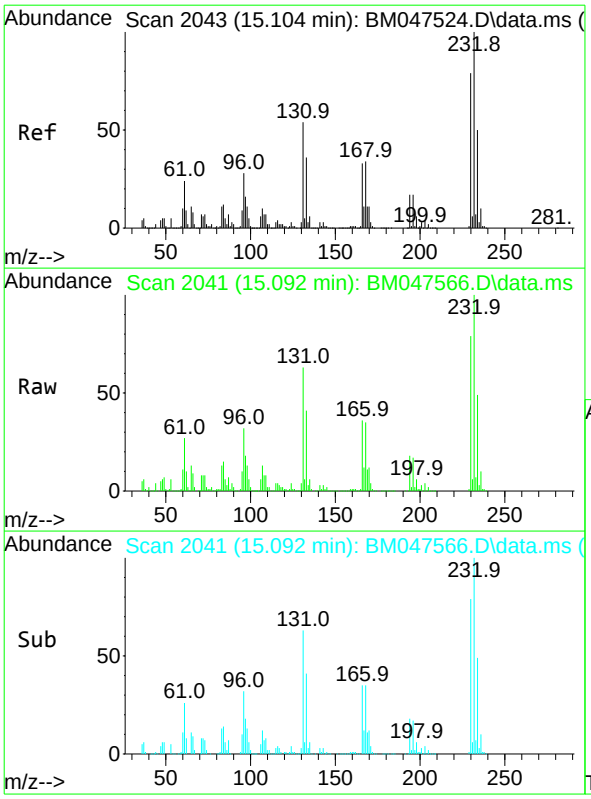


#58
Fluorene
Concen: 39.999 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:166 Resp: 2798113

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.2	10.7	16.1

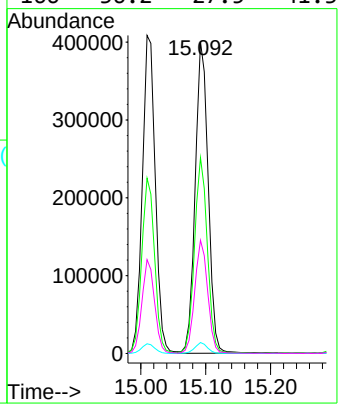




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.149 ng
RT: 15.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:232 Resp: 556061

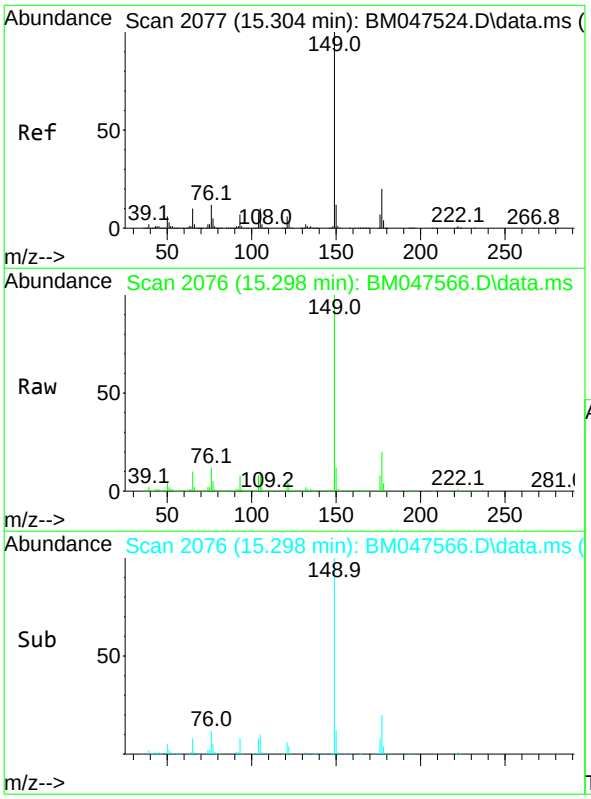
Ion	Ratio	Lower	Upper
232	100		
131	62.3	47.0	70.4
130	3.4	2.6	3.8
166	36.2	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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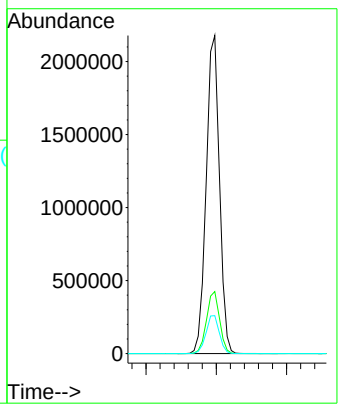
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

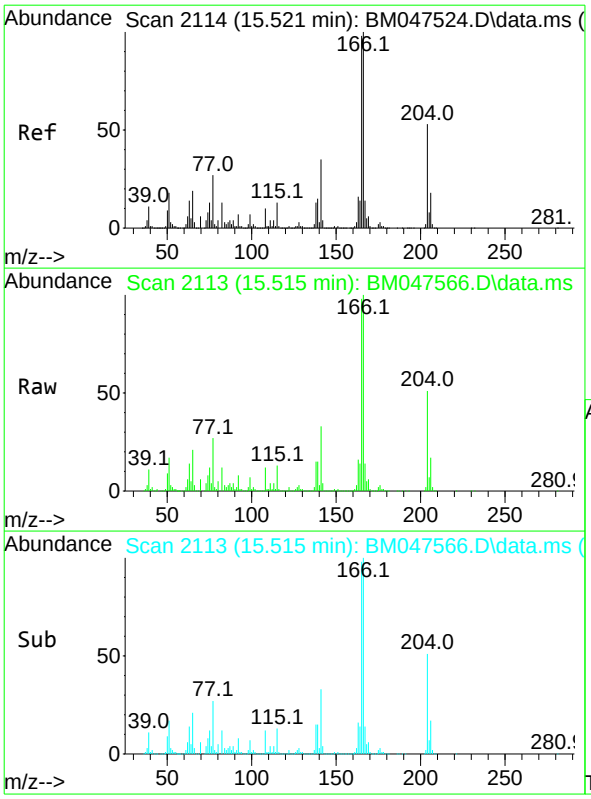


#60
Diethylphthalate
Concen: 43.320 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:149 Resp: 2844419

Ion	Ratio	Lower	Upper
149	100		
177	19.5	15.8	23.8
150	11.9	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 39.419 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

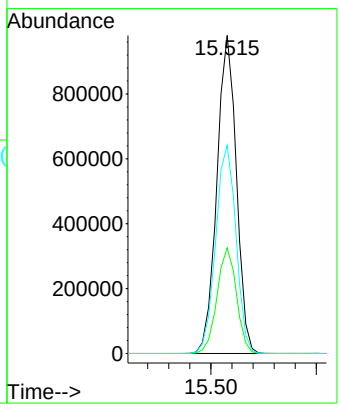
Tgt Ion:204 Resp: 1260842

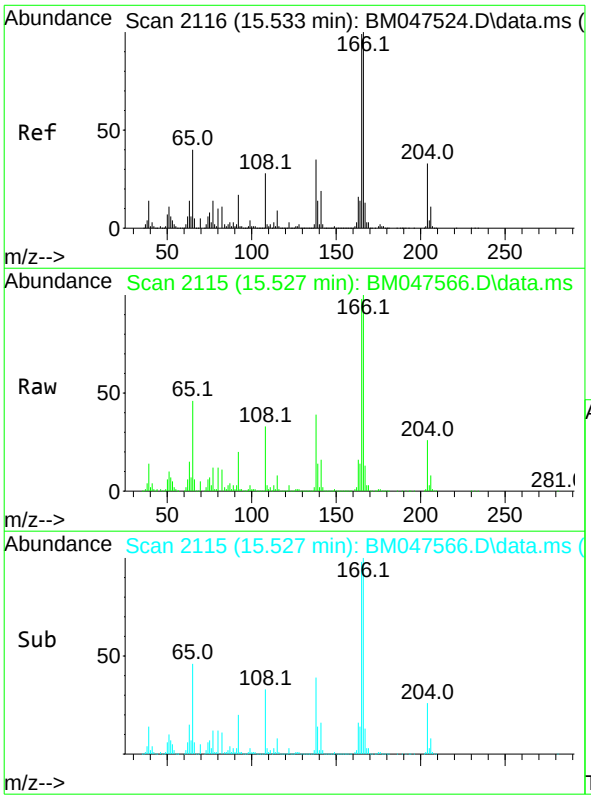
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	65.5	52.1	78.1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

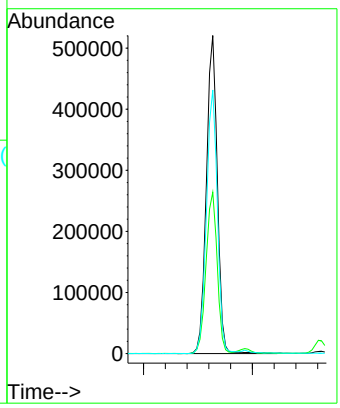


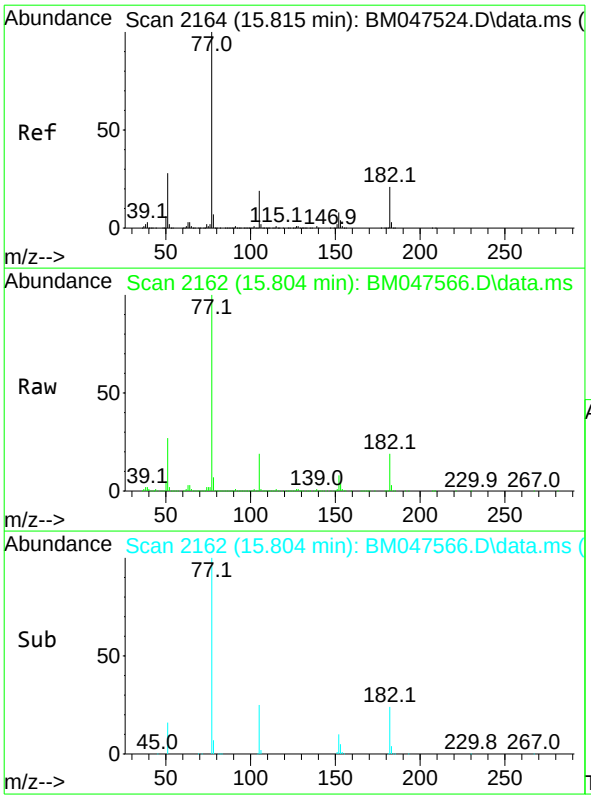


#62
4-Nitroaniline
Concen: 42.836 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:138 Resp: 728904

Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.0	70.0
108	82.9	61.7	101.7

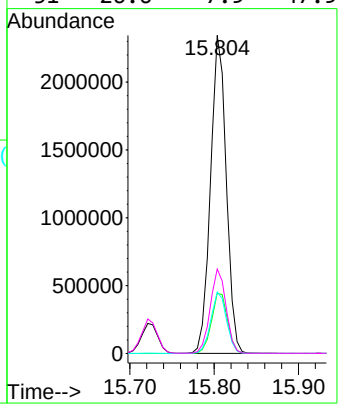




#63
Azobenzene
Concen: 41.953 ng
RT: 15.804 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion: 77 Resp: 3033161

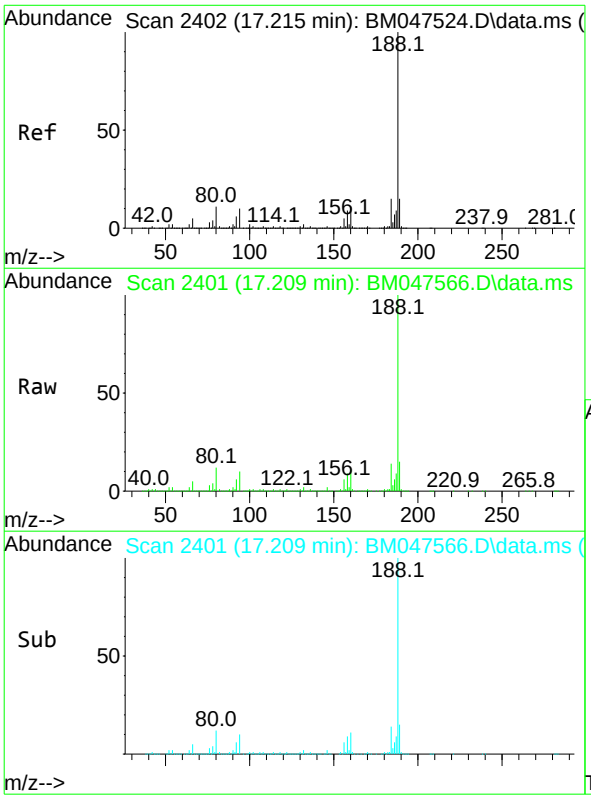
Ion	Ratio	Lower	Upper
77	100		
182	19.0	1.2	41.2
105	19.3	0.0	39.4
51	26.6	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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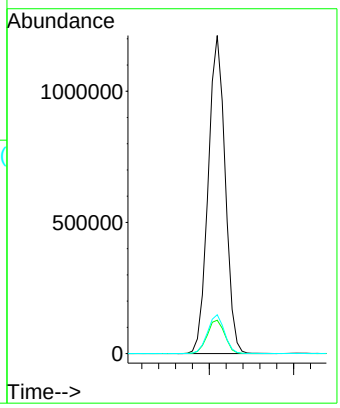
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

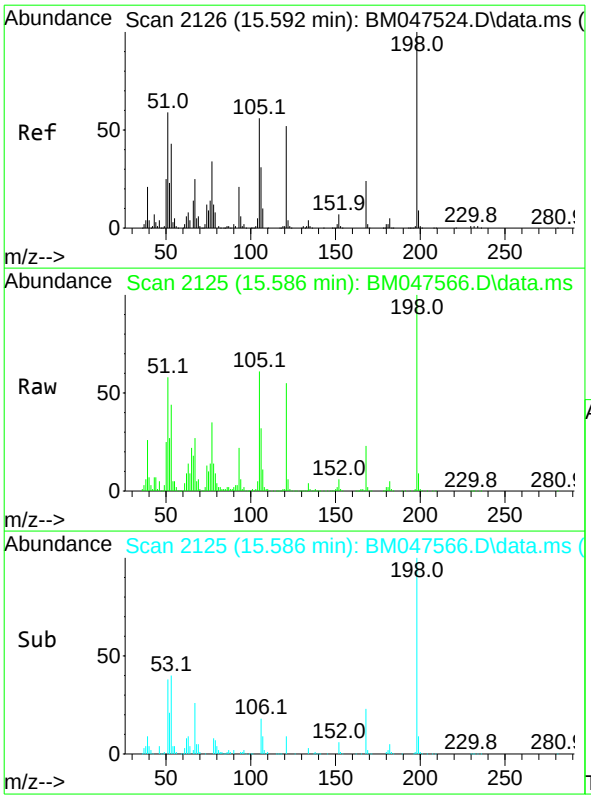


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:188 Resp: 1699865

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	12.2	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.931 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

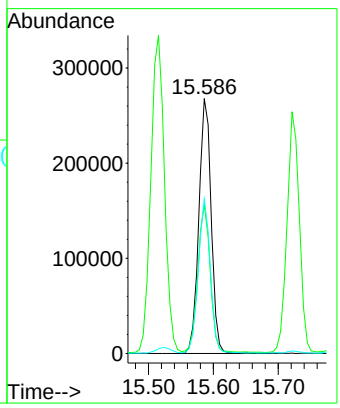
Tgt Ion:198 Resp: 353810

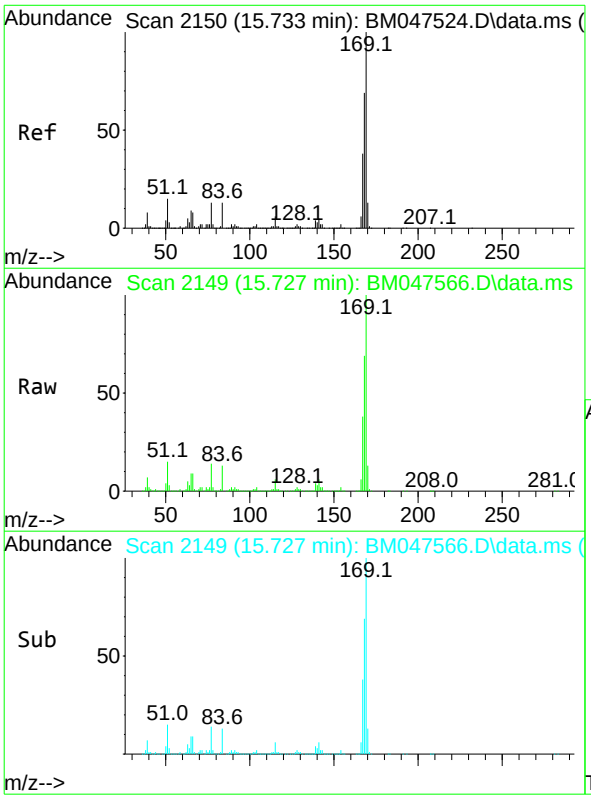
Ion	Ratio	Lower	Upper
198	100		
51	58.4	41.5	81.5
105	60.5	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

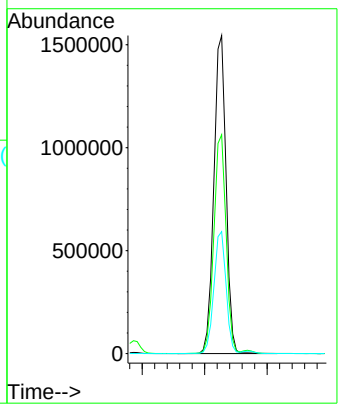


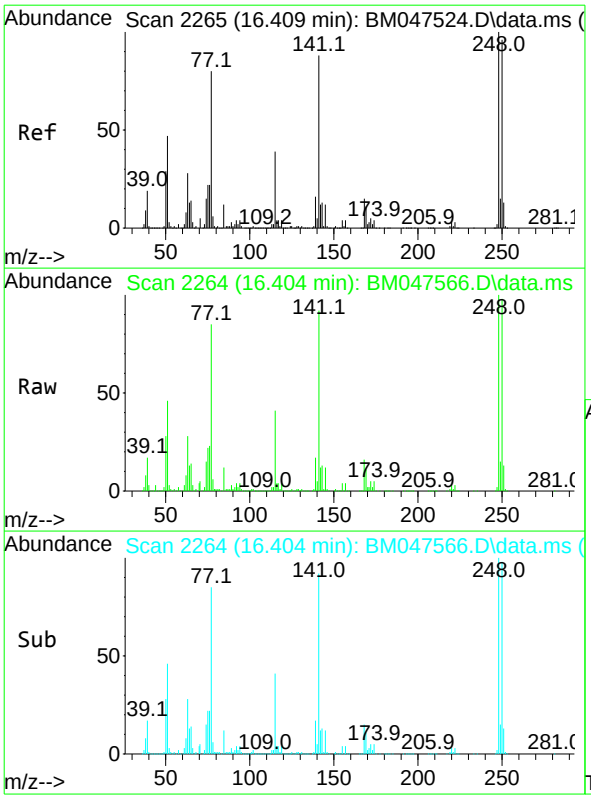


#66
n-Nitrosodiphenylamine
Concen: 40.138 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:169 Resp: 2087242

Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.3	82.9
167	38.3	30.5	45.7





#67
4-Bromophenyl-phenylether
Concen: 39.463 ng
RT: 16.404 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

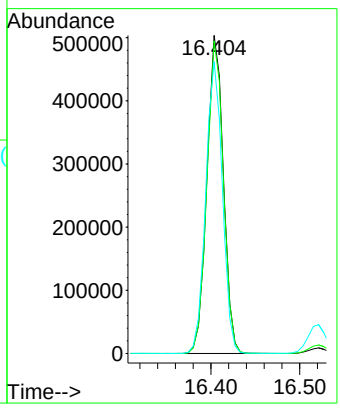
Tgt Ion:248 Resp: 651816

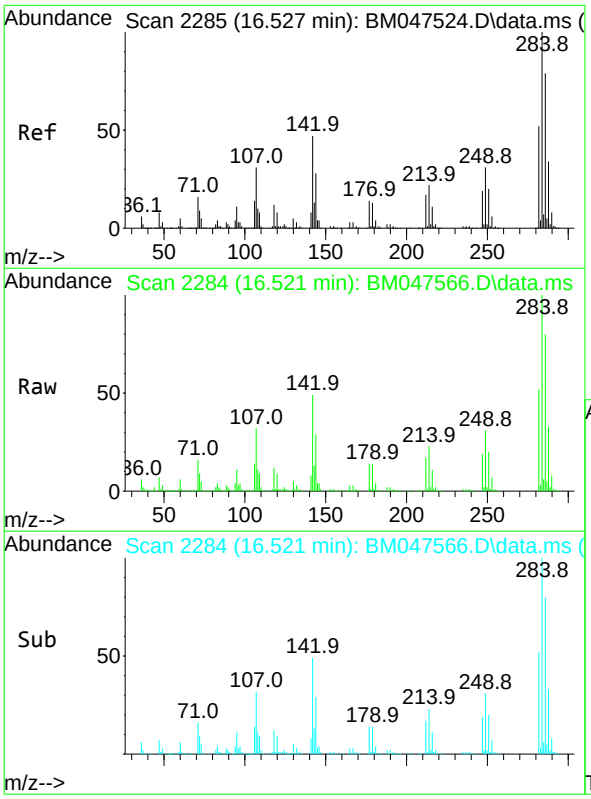
Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	91.8	70.8	106.2

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

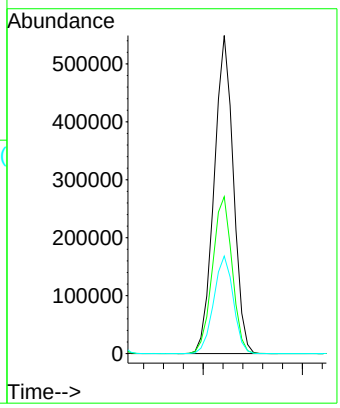


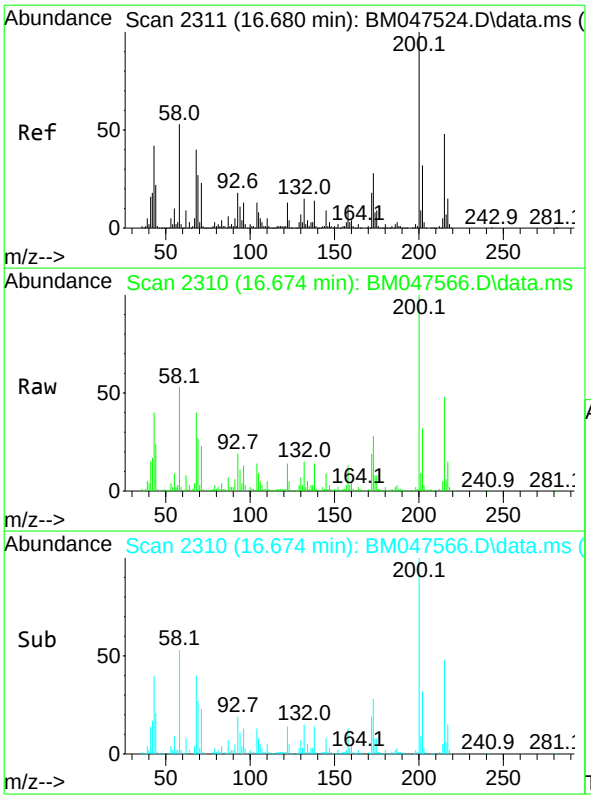


#68
Hexachlorobenzene
Concen: 39.554 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:284 Resp: 740115

Ion	Ratio	Lower	Upper
284	100		
142	49.3	37.3	55.9
249	30.7	24.5	36.7

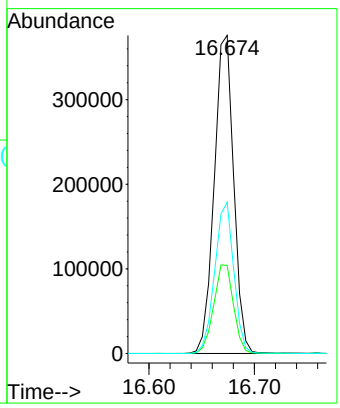




#69
Atrazine
Concen: 33.602 ng
RT: 16.674 min Scan# 23
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:200 Resp: 482956

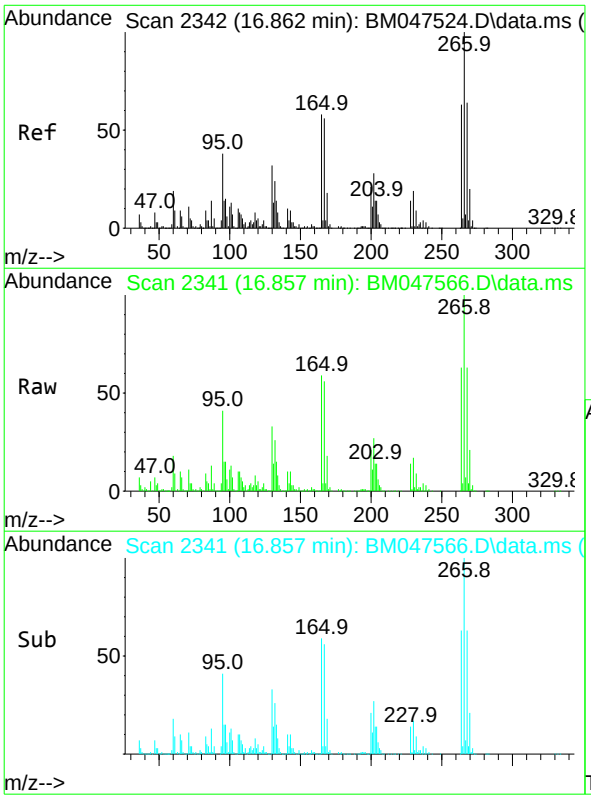
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.7	47.7
215	47.5	27.9	67.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

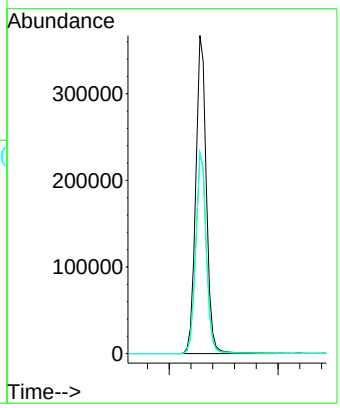
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

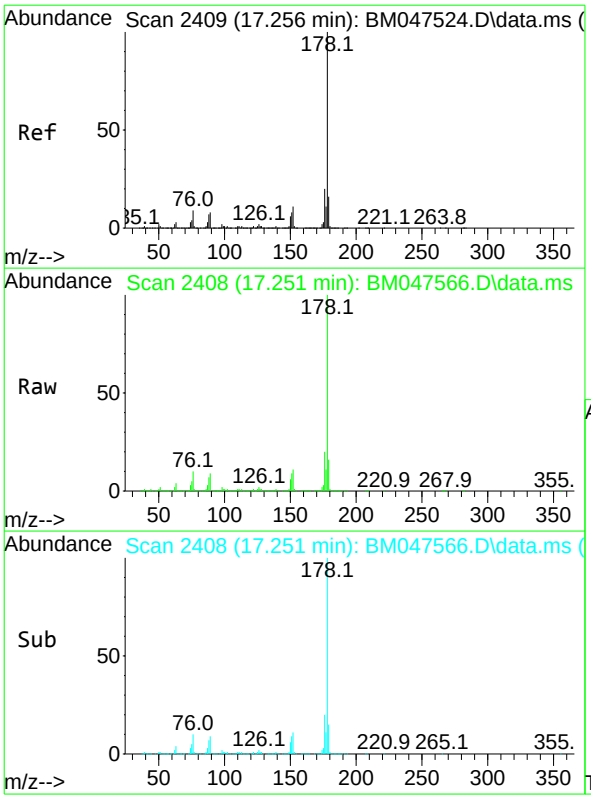


#70
Pentachlorophenol
Concen: 45.647 ng
RT: 16.857 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:266 Resp: 495121

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.4
264	63.1	50.4	75.6

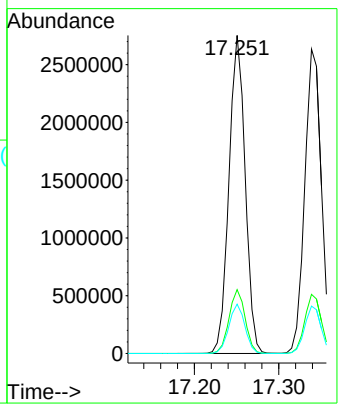




#71
Phenanthrene
Concen: 39.274 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:178 Resp: 3679120

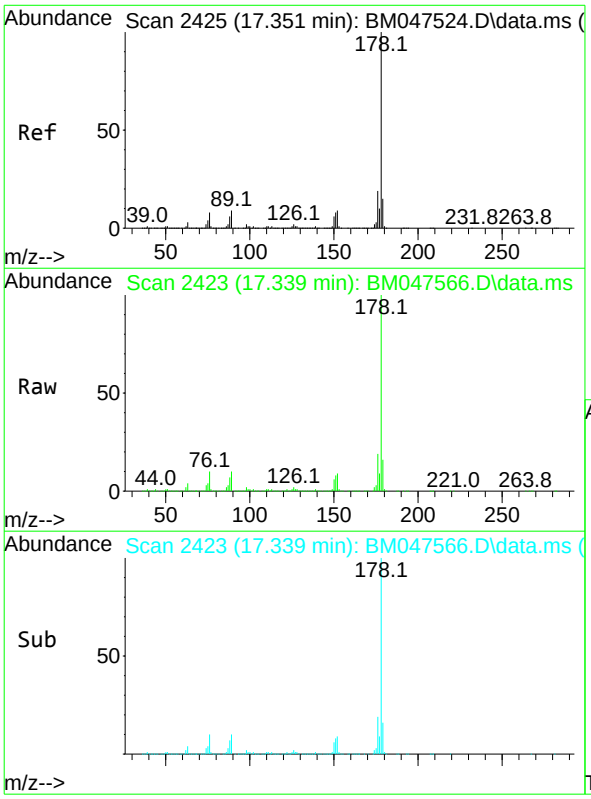
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.5	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

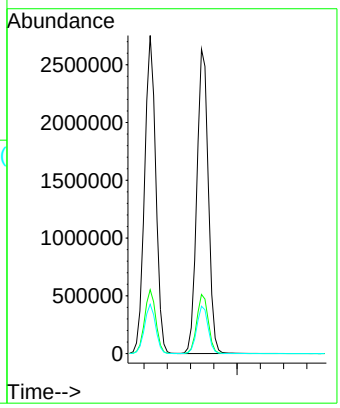
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

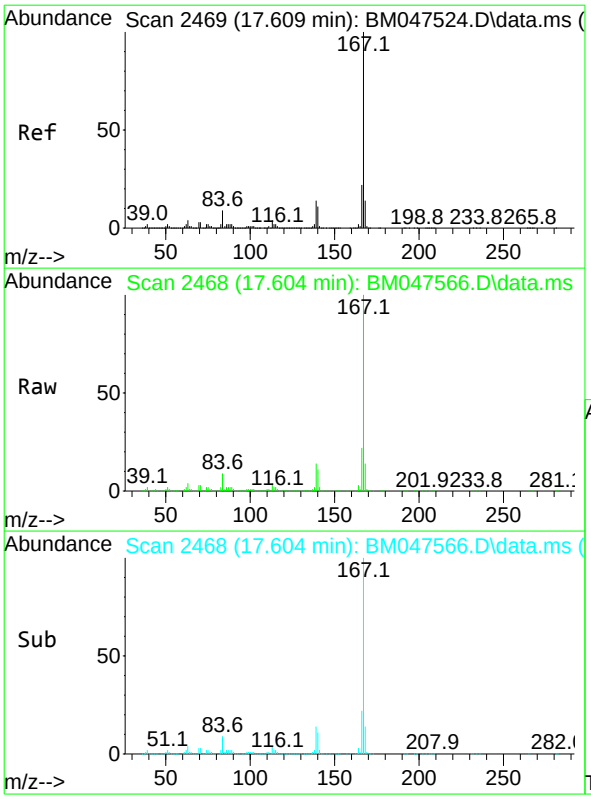


#72
Anthracene
Concen: 39.996 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:178 Resp: 3599776

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.3	18.5

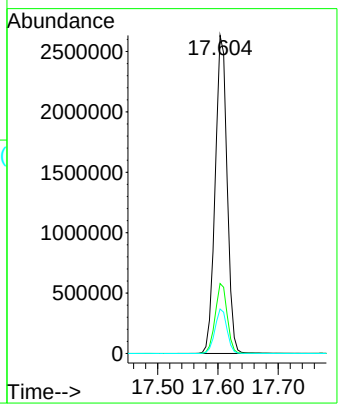




#73
Carbazole
Concen: 40.624 ng
RT: 17.604 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:167 Resp: 3623444

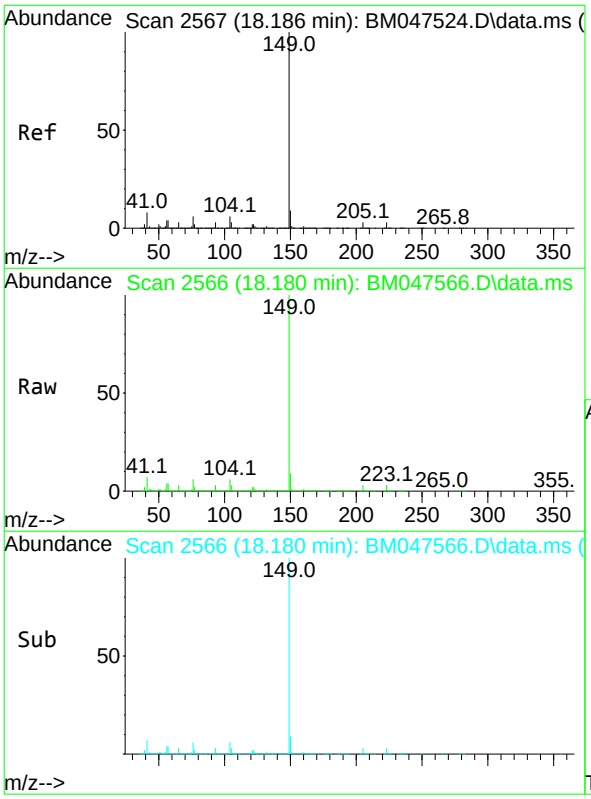
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.0	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

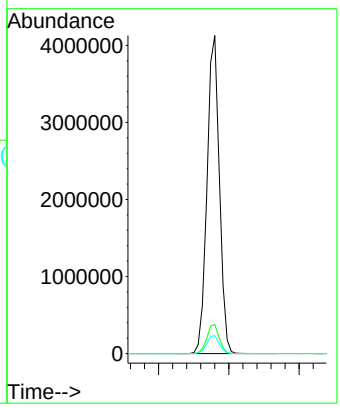
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

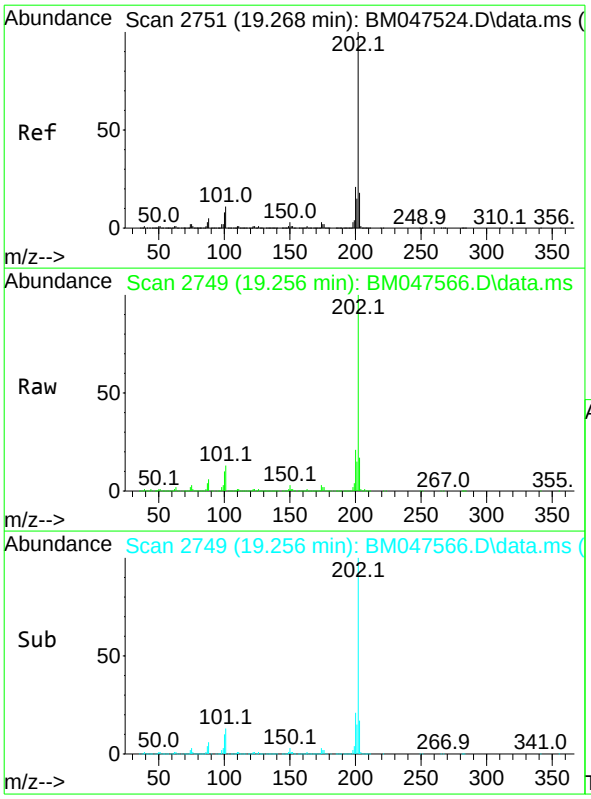


#74
Di-n-butylphthalate
Concen: 47.117 ng
RT: 18.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:149 Resp: 5028415

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.6	4.6	6.8

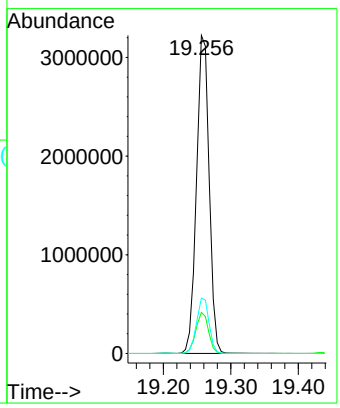




#75
Fluoranthene
Concen: 40.964 ng
RT: 19.256 min Scan# 27
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:202 Resp: 4186947

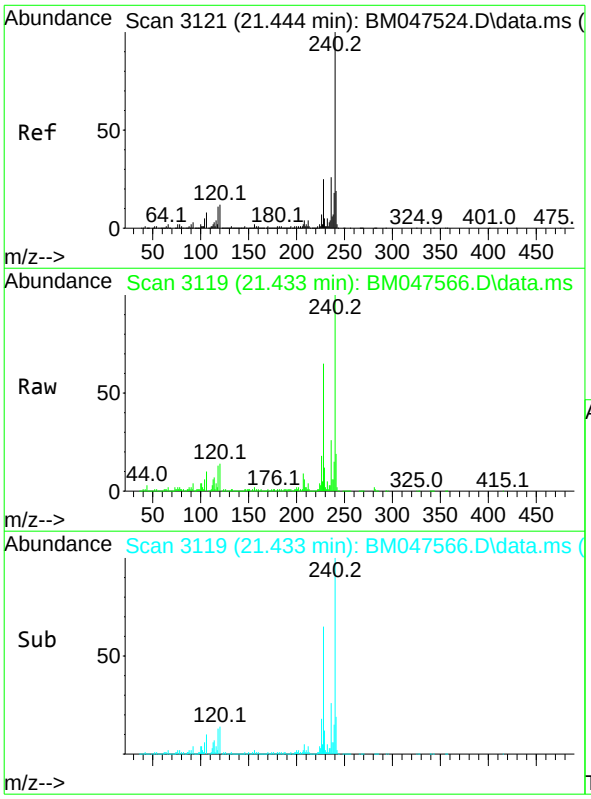
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.8
203	17.4	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

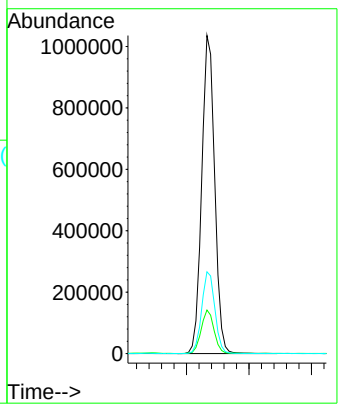
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

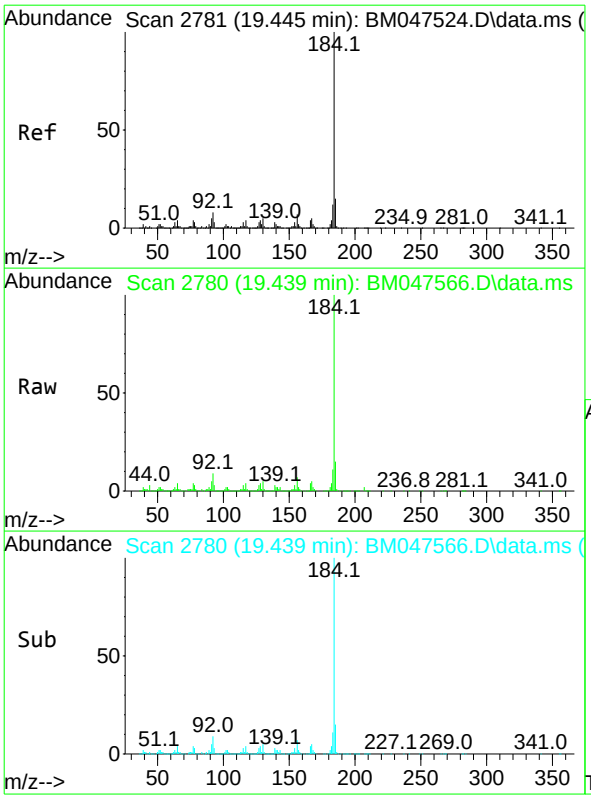


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:240 Resp: 1491886

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.6	14.4
236	25.7	20.9	31.3

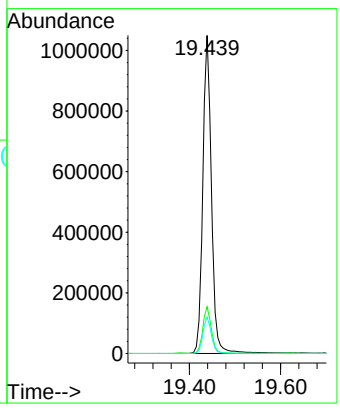




#77
Benzidine
Concen: 65.820 ng
RT: 19.439 min Scan# 27
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:184 Resp: 1382959

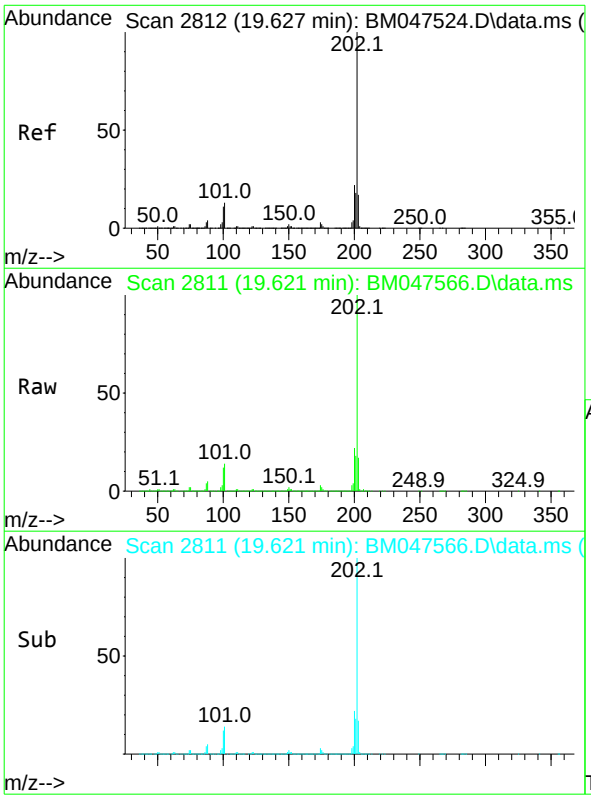
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.4	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

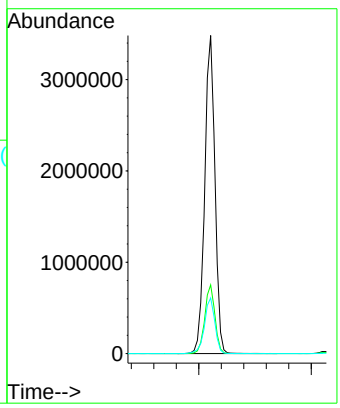
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

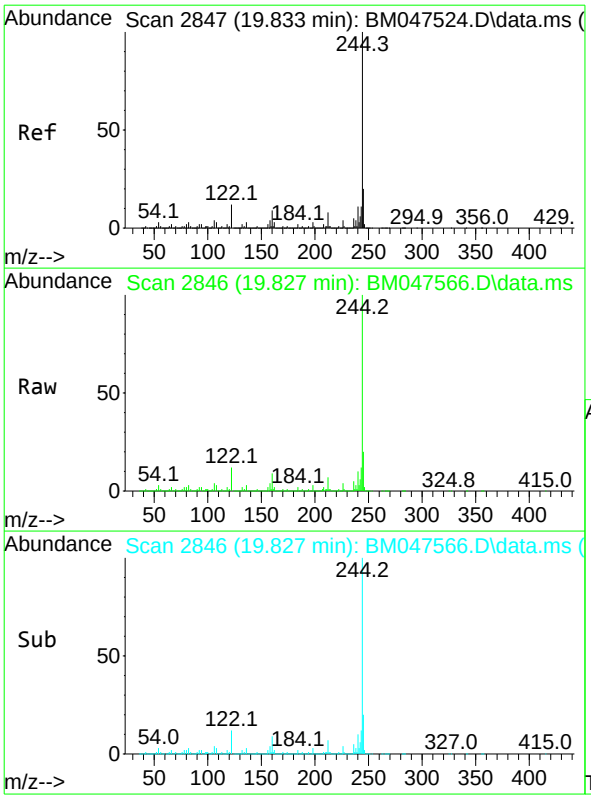


#78
Pyrene
Concen: 40.414 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:202 Resp: 4397965

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.5	14.0	21.0

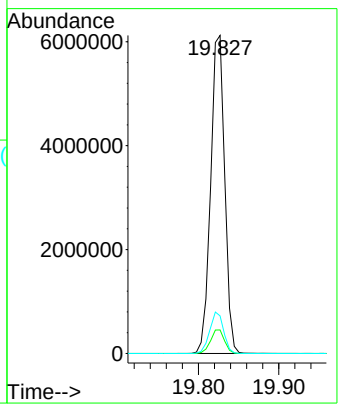




#79
Terphenyl-d14
Concen: 89.167 ng
RT: 19.827 min Scan# 28
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:244 Resp: 7423631

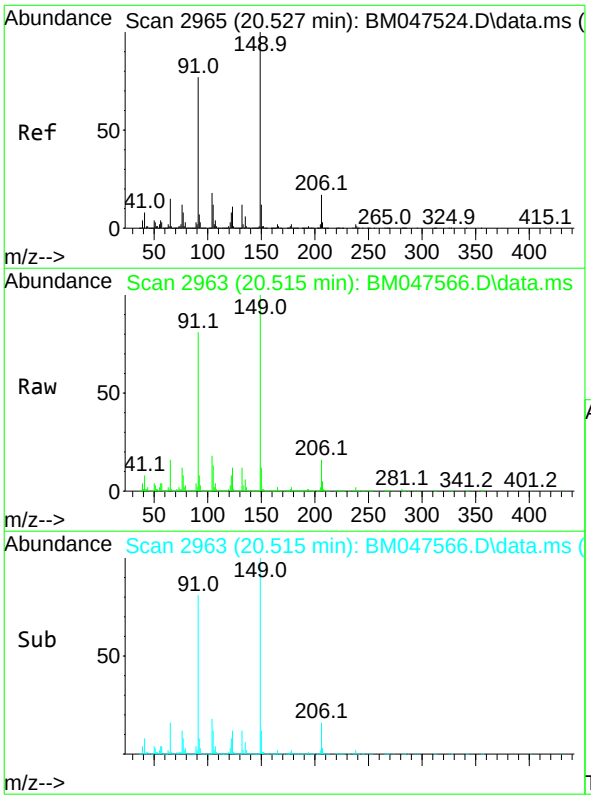
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.8	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

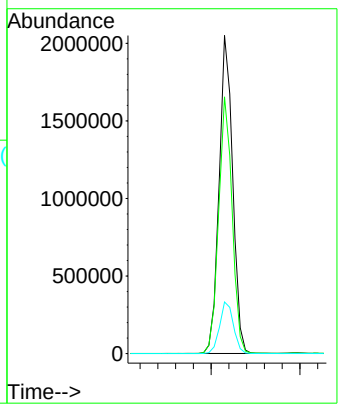
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

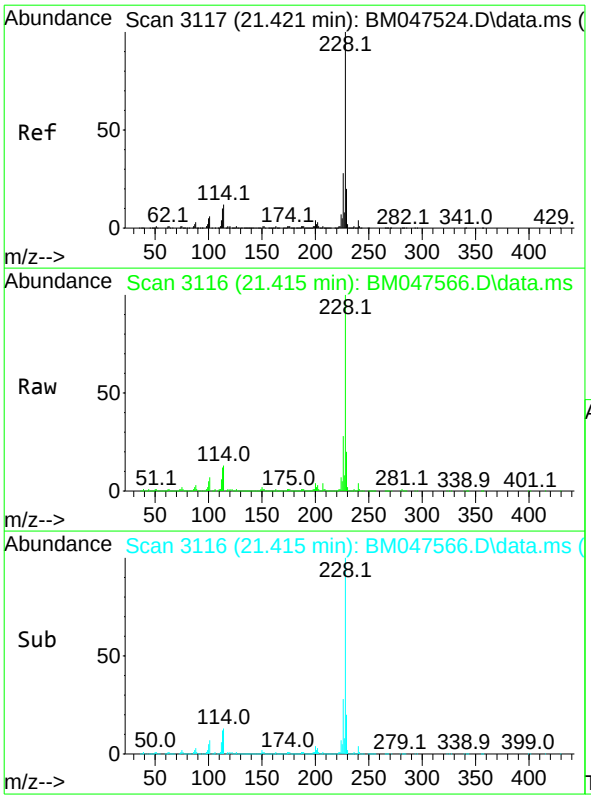


#80
Butylbenzylphthalate
Concen: 51.985 ng
RT: 20.515 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:149 Resp: 2177713

Ion	Ratio	Lower	Upper
149	100		
91	80.7	62.0	93.0
206	16.2	13.8	20.8





#81
Benzo(a)anthracene
Concen: 41.003 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

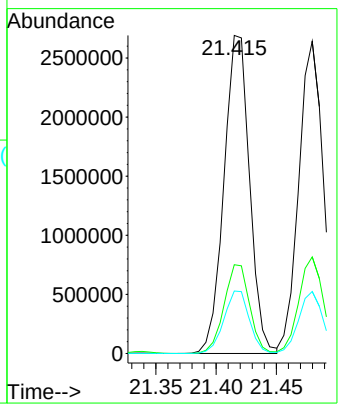
Tgt Ion:228 Resp: 3987184

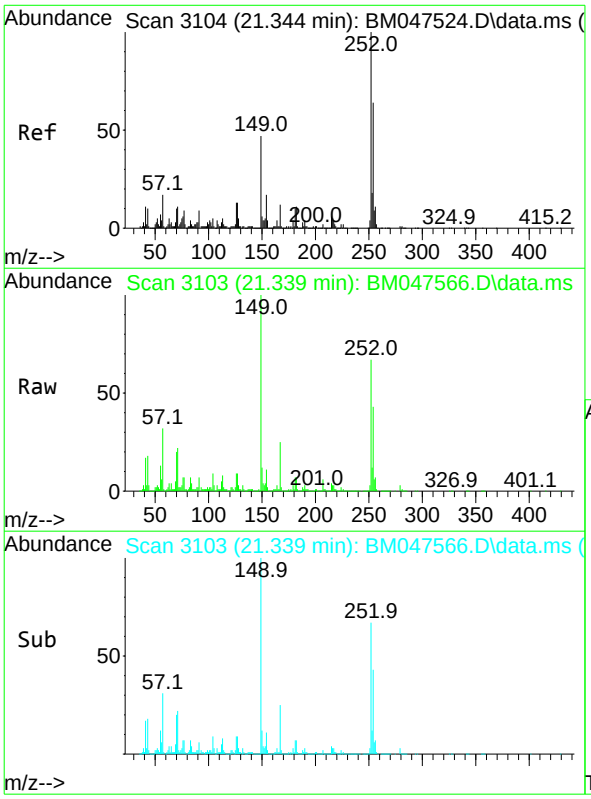
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.6	16.0	24.0

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

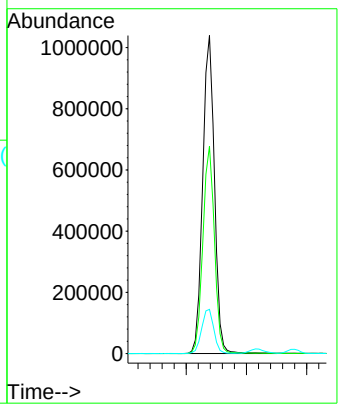


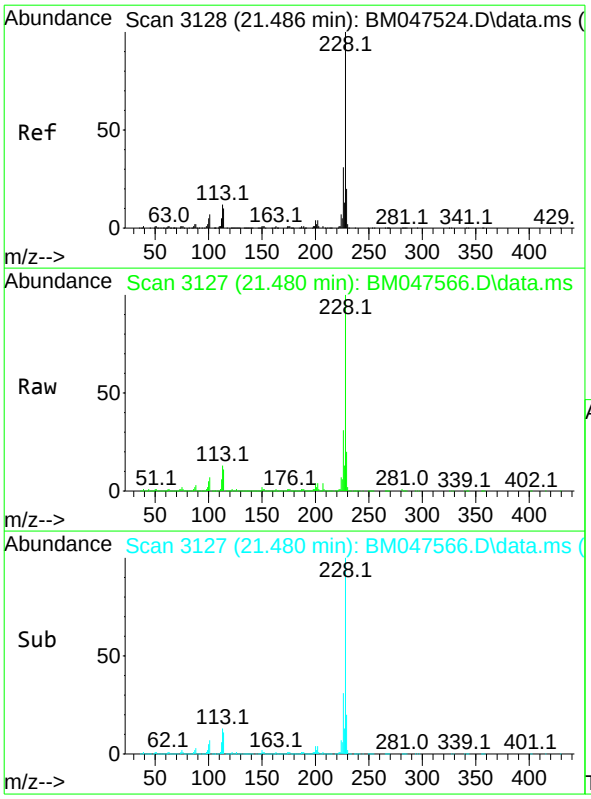


#82
3,3'-Dichlorobenzidine
Concen: 54.316 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:252 Resp: 1405001

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	13.9	10.3	15.5

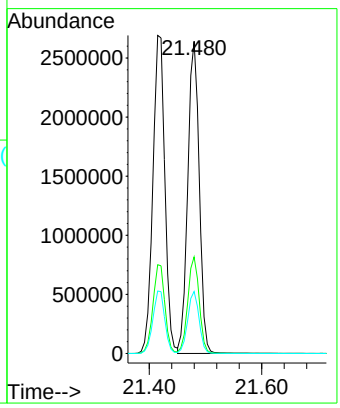




#83
Chrysene
Concen: 40.556 ng
RT: 21.480 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:228 Resp: 3730252

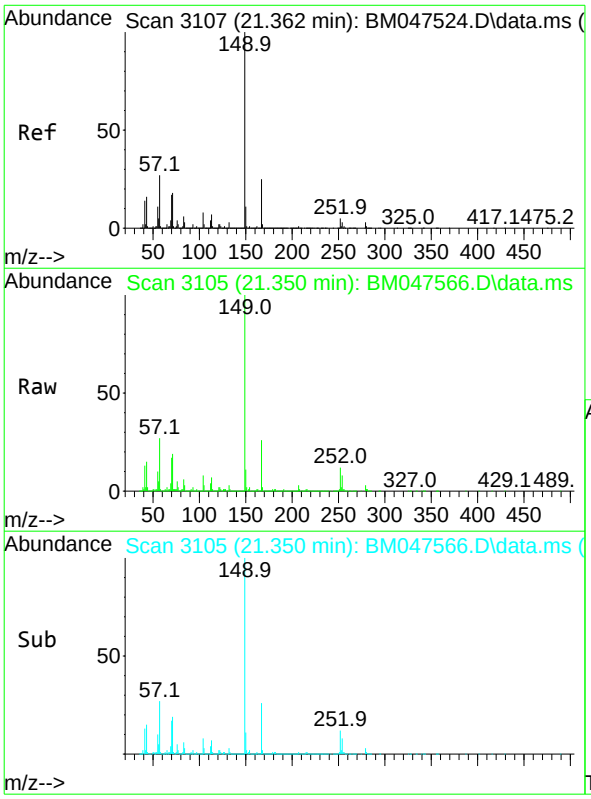
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.9	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

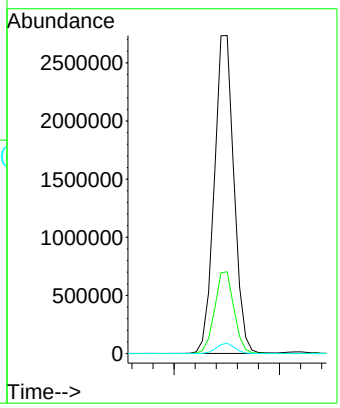
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

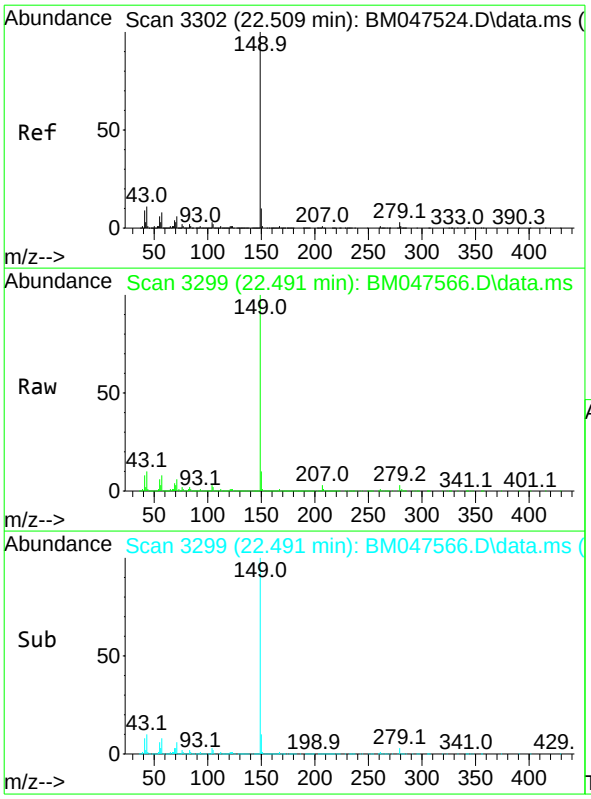


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.928 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:149 Resp: 3539026

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	3.3	2.6	4.0

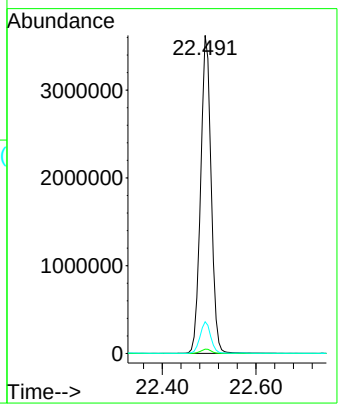




#85
Di-n-octyl phthalate
Concen: 60.483 ng
RT: 22.491 min Scan# 32
Delta R.T. -0.018 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:149 Resp: 5614359

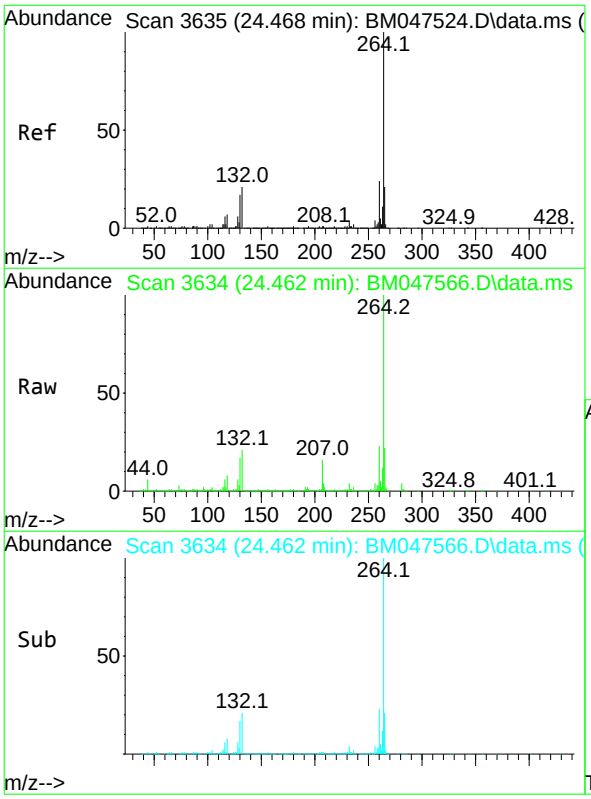
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.1	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

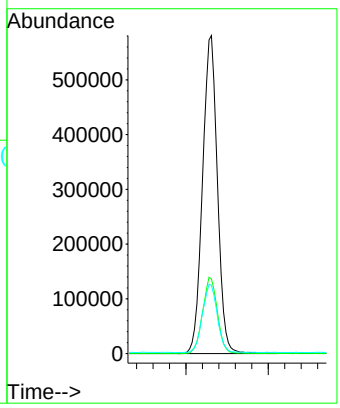
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

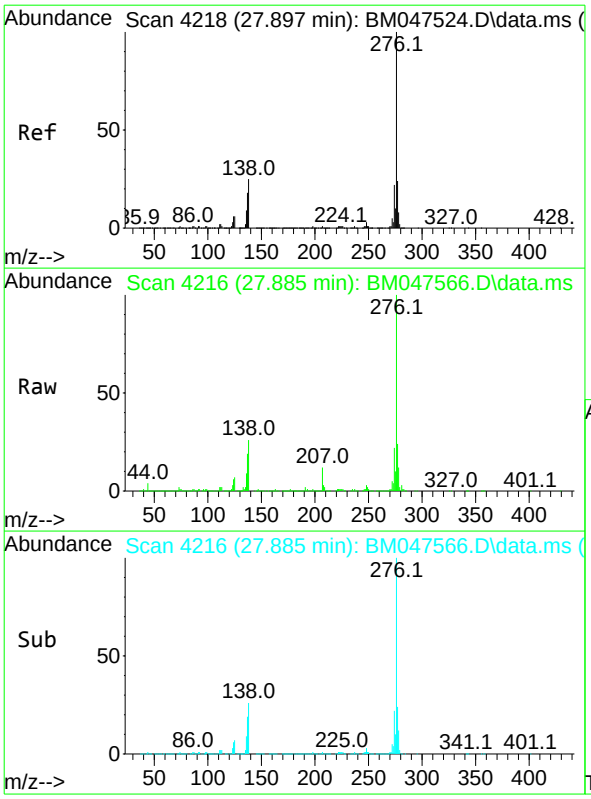


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:264 Resp: 1457823

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.5	17.4	26.2

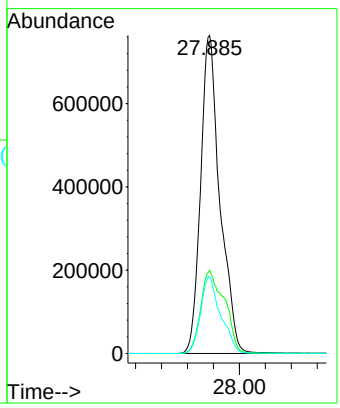




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.304 ng
RT: 27.885 min Scan# 42
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:276 Resp: 3952483

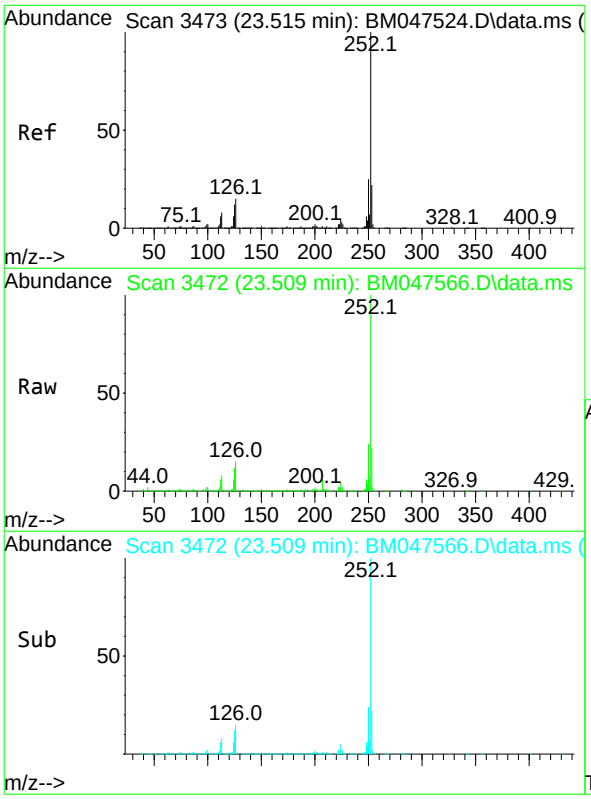
Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	25.1	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

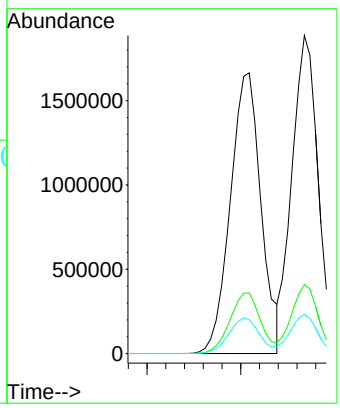
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

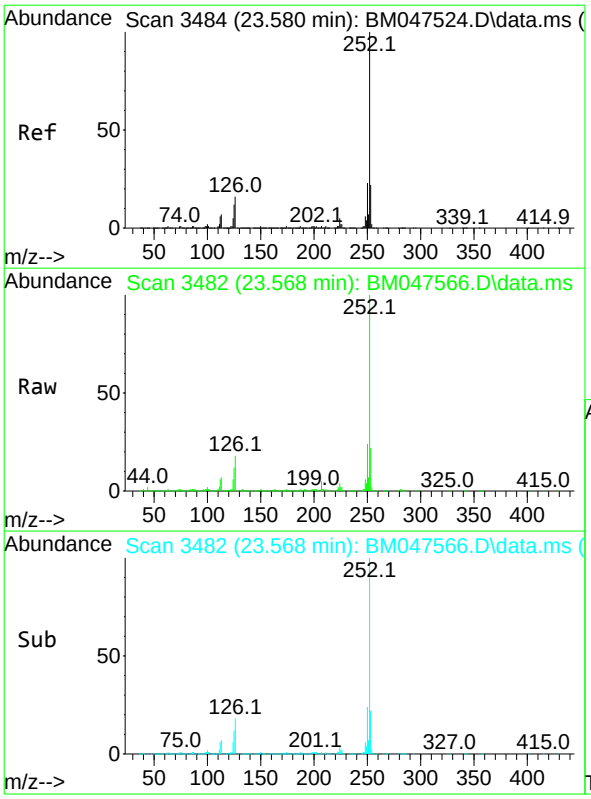


#88
Benzo(b)fluoranthene
Concen: 40.137 ng
RT: 23.509 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:252 Resp: 3785873

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	12.0	9.5	14.3

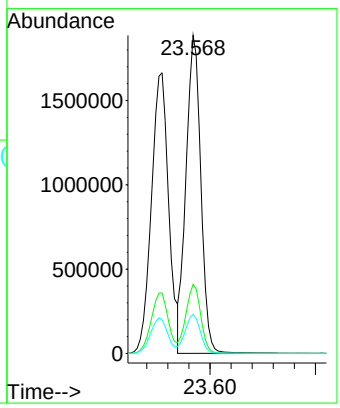




#89
Benzo(k)fluoranthene
Concen: 39.316 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:252 Resp: 3675308

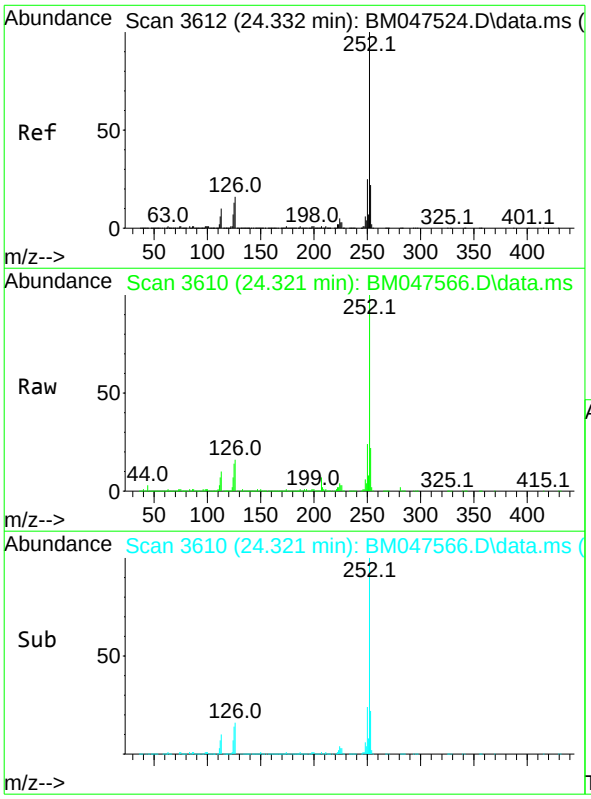
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	12.3	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

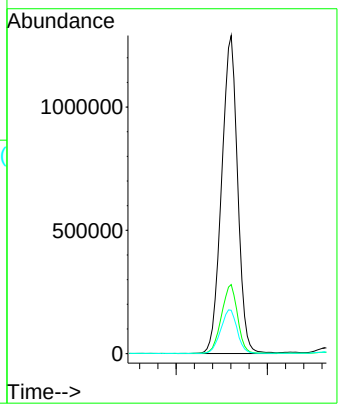
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

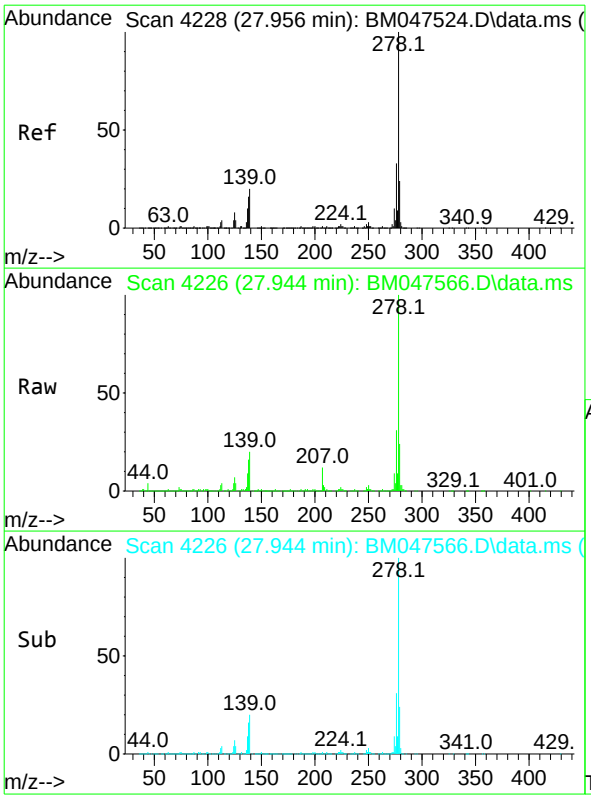


#90
Benzo(a)pyrene
Concen: 40.750 ng
RT: 24.321 min Scan# 3610
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:252 Resp: 3150288

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	13.6	10.2	15.4

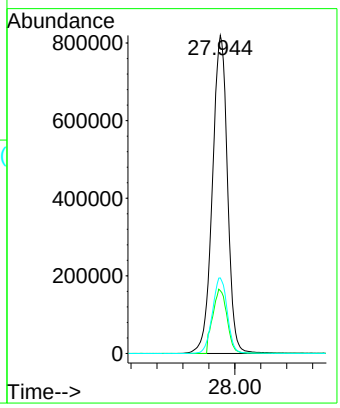




#91
Dibenzo(a,h)anthracene
Concen: 45.050 ng
RT: 27.944 min Scan# 42
Delta R.T. -0.012 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:278 Resp: 3306709

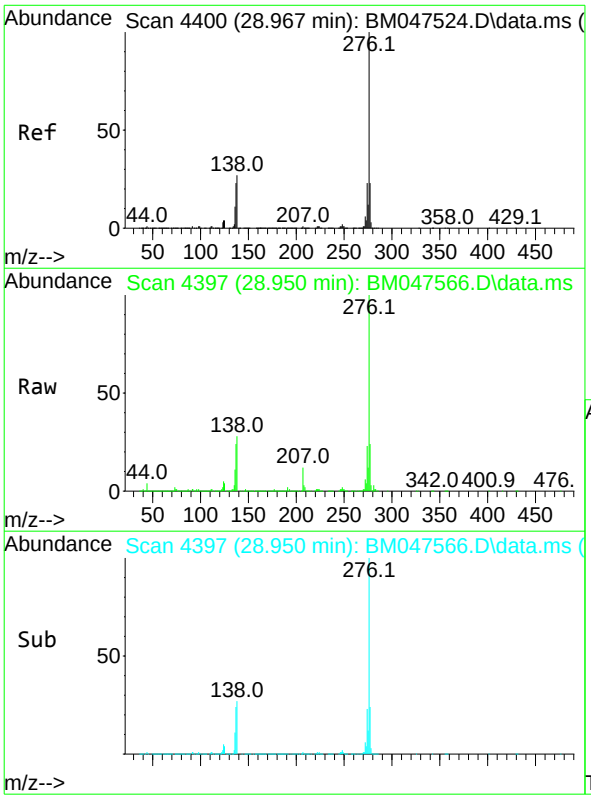
Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	23.8	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

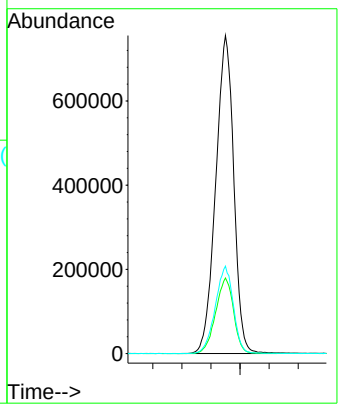
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 45.311 ng
RT: 28.950 min Scan# 4397
Delta R.T. -0.018 min
Lab File: BM047566.D
Acq: 19 Sep 2024 11:49

Tgt Ion:276 Resp: 3248885

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.5	21.5	32.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	-0.01
2		1,4-Dioxane	0.538	0.526	2.2	113	-0.01
3		Pyridine	1.601	1.529	4.5	107	0.00
4		n-Nitrosodimethylamine	0.727	0.650	10.6	99	-0.01
5	S	2-Fluorophenol	1.256	1.306	-4.0	117	0.00
6		Aniline	1.568	1.518	3.2	106	0.00
7	S	Phenol-d6	1.769	1.780	-0.6	110	0.00
8		2-Chlorophenol	1.385	1.381	0.3	110	-0.01
9		Benzaldehyde	0.841	0.864	-2.7	115	-0.01
10	C	Phenol	1.771	1.744	1.5	109	0.00
11		bis(2-Chloroethyl)ether	1.422	1.432	-0.7	112	-0.01
12		1,3-Dichlorobenzene	1.516	1.501	1.0	111	0.00
13	C	1,4-Dichlorobenzene	1.544	1.518	1.7	111	-0.01
14		1,2-Dichlorobenzene	1.519	1.466	3.5	108	0.00
15		Benzyl Alcohol	1.198	1.193	0.4	108	-0.01
16		2,2'-oxybis(1-Chloropropane	2.000	1.862	6.9	103	0.00
17		2-Methylphenol	1.132	1.105	2.4	106	0.00
18		Hexachloroethane	0.617	0.627	-1.6	113	-0.01
19	P	n-Nitroso-di-n-propylamine	1.193	1.152	3.4	103	0.00
20		3+4-Methylphenols	1.579	1.514	4.1	104	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22		Acetophenone	0.526	0.517	1.7	102	-0.01
23	S	Nitrobenzene-d5	0.400	0.407	-1.7	104	0.00
24		Nitrobenzene	0.411	0.412	-0.2	103	0.00
25		Isophorone	0.703	0.720	-2.4	105	0.00
26	C	2-Nitrophenol	0.140	0.160	-14.3	113	-0.01
27		2,4-Dimethylphenol	0.212	0.215	-1.4	106	0.00
28		bis(2-Chloroethoxy)methane	0.441	0.451	-2.3	106	-0.01
29	C	2,4-Dichlorophenol	0.269	0.275	-2.2	103	-0.01
30		1,2,4-Trichlorobenzene	0.309	0.302	2.3	103	-0.01
31		Naphthalene	1.080	1.058	2.0	102	-0.01
32		Benzoic acid	0.187	0.226	-20.9	122	-0.01
33		4-Chloroaniline	0.391	0.375	4.1	99	0.00
34	C	Hexachlorobutadiene	0.171	0.168	1.8	103	-0.01
35		Caprolactam	0.089	0.097	-9.0	107	-0.01
36	C	4-Chloro-3-methylphenol	0.309	0.317	-2.6	103	0.00
37		2-Methylnaphthalene	0.719	0.693	3.6	99	-0.01
38		1-Methylnaphthalene	0.714	0.685	4.1	99	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	0.541	0.545	-0.7	95	0.00
41	P	Hexachlorocyclopentadiene	0.177	0.194	-9.6	101	0.00
42	S	2,4,6-Tribromophenol	0.193	0.201	-4.1	95	0.00
43	C	2,4,6-Trichlorophenol	0.339	0.366	-8.0	100	0.00
44		2,4,5-Trichlorophenol	0.383	0.407	-6.3	98	0.00
45	S	2-Fluorobiphenyl	1.452	1.489	-2.5	94	-0.01
46		1,1'-Biphenyl	1.556	1.577	-1.3	96	0.00
47		2-Chloronaphthalene	1.208	1.206	0.2	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.355	0.393	-10.7	100	0.00
49		Acenaphthylene	1.744	1.766	-1.3	94	0.00
50		Dimethylphthalate	1.363	1.412	-3.6	98	0.00
51		2,6-Dinitrotoluene	0.288	0.308	-6.9	99	-0.01
52	C	Acenaphthene	1.222	1.250	-2.3	96	0.00
53		3-Nitroaniline	0.320	0.347	-8.4	99	0.00
54	P	2,4-Dinitrophenol	0.125	0.149	-19.2	111	0.00
55		Dibenzofuran	1.717	1.690	1.6	93	-0.01
56	P	4-Nitrophenol	0.263	0.291	-10.6	99	0.00
57		2,4-Dinitrotoluene	0.384	0.413	-7.6	97	0.00
58		Fluorene	1.546	1.546	0.0	91	0.00
59		2,3,4,6-Tetrachlorophenol	0.299	0.307	-2.7	96	-0.01
60		Diethylphthalate	1.451	1.571	-8.3	101	0.00
61		4-Chlorophenyl-phenylether	0.707	0.696	1.6	89	0.00
62		4-Nitroaniline	0.376	0.403	-7.2	92	0.00
63		Azobenzene	1.597	1.675	-4.9	97	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65		4,6-Dinitro-2-methylphenol	0.091	0.104	-14.3	108	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.614	-0.3	92	0.00
67		4-Bromophenyl-phenylether	0.194	0.192	1.0	92	0.00
68		Hexachlorobenzene	0.220	0.218	0.9	93	0.00
69		Atrazine	0.169	0.142	16.0	76	0.00
70	C	Pentachlorophenol	0.128	0.146	-14.1	102	0.00
71		Phenanthrene	1.102	1.082	1.8	90	0.00
72		Anthracene	1.059	1.059	0.0	91	-0.01
73		Carbazole	1.049	1.066	-1.6	93	0.00
74		Di-n-butylphthalate	1.256	1.479	-17.8	105	0.00
75	C	Fluoranthene	1.203	1.232	-2.4	91	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	92	-0.01
77		Benzidine	0.282	0.463	-64.2#	168#	0.00
78		Pyrene	1.459	1.474	-1.0	90	0.00
79	S	Terphenyl-d14	1.116	1.244	-11.5	91	0.00
80		Butylbenzylphthalate	0.562	0.730	-29.9#	114	-0.01
81		Benzo(a)anthracene	1.304	1.336	-2.5	92	0.00
82		3,3'-Dichlorobenzidine	0.347	0.471	-35.7#	119	0.00
83		Chrysene	1.233	1.250	-1.4	91	0.00
84		Bis(2-ethylhexyl)phthalate	0.880	1.186	-34.8#	117	-0.01
85	c	Di-n-octyl phthalate	1.244	1.882	-51.3#	133	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	1.197	1.356	-13.3	128	-0.01
88		Benzo(b)fluoranthene	1.294	1.298	-0.3	108	0.00
89		Benzo(k)fluoranthene	1.282	1.261	1.6	103	-0.01
90	C	Benzo(a)pyrene	1.061	1.080	-1.8	110	-0.01
91		Dibenzo(a,h)anthracene	1.007	1.134	-12.6	127	-0.01
92		Benzo(g,h,i)perylene	0.984	1.114	-13.2	128	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	111	-0.01
2		1,4-Dioxane	40.000	39.098	2.3	113	-0.01
3		Pyridine	40.000	38.199	4.5	107	0.00
4		n-Nitrosodimethylamine	40.000	35.796	10.5	99	-0.01
5	S	2-Fluorophenol	80.000	83.155	-3.9	117	0.00
6		Aniline	40.000	38.709	3.2	106	0.00
7	S	Phenol-d6	80.000	80.521	-0.7	110	0.00
8		2-Chlorophenol	40.000	39.896	0.3	110	-0.01
9		Benzaldehyde	40.000	41.071	-2.7	115	-0.01
10	C	Phenol	40.000	39.375	1.6	109	0.00
11		bis(2-Chloroethyl)ether	40.000	40.276	-0.7	112	-0.01
12		1,3-Dichlorobenzene	40.000	39.620	1.0	111	0.00
13	C	1,4-Dichlorobenzene	40.000	39.324	1.7	111	-0.01
14		1,2-Dichlorobenzene	40.000	38.586	3.5	108	0.00
15		Benzyl Alcohol	40.000	39.820	0.4	108	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	37.226	6.9	103	0.00
17		2-Methylphenol	40.000	39.073	2.3	106	0.00
18		Hexachloroethane	40.000	40.686	-1.7	113	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	38.623	3.4	103	0.00
20		3+4-Methylphenols	40.000	38.353	4.1	104	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22		Acetophenone	40.000	39.336	1.7	102	-0.01
23	S	Nitrobenzene-d5	80.000	81.415	-1.8	104	0.00
24		Nitrobenzene	40.000	40.125	-0.3	103	0.00
25		Isophorone	40.000	40.999	-2.5	105	0.00
26	C	2-Nitrophenol	40.000	45.878	-14.7	113	-0.01
27		2,4-Dimethylphenol	40.000	40.532	-1.3	106	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.891	-2.2	106	-0.01
29	C	2,4-Dichlorophenol	40.000	40.760	-1.9	103	-0.01
30		1,2,4-Trichlorobenzene	40.000	39.082	2.3	103	-0.01
31		Naphthalene	40.000	39.178	2.1	102	-0.01
32		Benzoic acid	40.000	43.933	-9.8	122	-0.01
33		4-Chloroaniline	40.000	38.458	3.9	99	0.00
34	C	Hexachlorobutadiene	40.000	39.348	1.6	103	-0.01
35		Caprolactam	40.000	43.628	-9.1	107	-0.01
36	C	4-Chloro-3-methylphenol	40.000	41.032	-2.6	103	0.00
37		2-Methylnaphthalene	40.000	38.531	3.7	99	-0.01
38		1-Methylnaphthalene	40.000	38.352	4.1	99	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.279	-0.7	95	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.840	-9.6	101	0.00
42	S	2,4,6-Tribromophenol	80.000	83.145	-3.9	95	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.230	-8.1	100	0.00
44		2,4,5-Trichlorophenol	40.000	42.523	-6.3	98	0.00
45	S	2-Fluorobiphenyl	80.000	82.051	-2.6	94	-0.01
46		1,1'-Biphenyl	40.000	40.533	-1.3	96	0.00
47		2-Chloronaphthalene	40.000	39.928	0.2	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.296	-10.7	100	0.00
49		Acenaphthylene	40.000	40.512	-1.3	94	0.00
50		Dimethylphthalate	40.000	41.425	-3.6	98	0.00
51		2,6-Dinitrotoluene	40.000	42.810	-7.0	99	-0.01
52	C	Acenaphthene	40.000	40.913	-2.3	96	0.00
53		3-Nitroaniline	40.000	43.417	-8.5	99	0.00
54	P	2,4-Dinitrophenol	40.000	45.515	-13.8	111	0.00
55		Dibenzofuran	40.000	39.385	1.5	93	-0.01
56	P	4-Nitrophenol	40.000	44.188	-10.5	99	0.00
57		2,4-Dinitrotoluene	40.000	43.073	-7.7	97	0.00
58		Fluorene	40.000	39.999	0.0	91	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.149	-2.9	96	-0.01
60		Diethylphthalate	40.000	43.320	-8.3	101	0.00
61		4-Chlorophenyl-phenylether	40.000	39.419	1.5	89	0.00
62		4-Nitroaniline	40.000	42.836	-7.1	92	0.00
63		Azobenzene	40.000	41.953	-4.9	97	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.931	-4.8	108	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.138	-0.3	92	0.00
67		4-Bromophenyl-phenylether	40.000	39.463	1.3	92	0.00
68		Hexachlorobenzene	40.000	39.554	1.1	93	0.00
69		Atrazine	40.000	33.602	16.0	76	0.00
70	C	Pentachlorophenol	40.000	45.647	-14.1	102	0.00
71		Phenanthrene	40.000	39.274	1.8	90	0.00
72		Anthracene	40.000	39.996	0.0	91	-0.01
73		Carbazole	40.000	40.624	-1.6	93	0.00
74		Di-n-butylphthalate	40.000	47.117	-17.8	105	0.00
75	C	Fluoranthene	40.000	40.964	-2.4	91	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	92	-0.01
77		Benzidine	40.000	65.820	-64.5#	168	0.00
78		Pyrene	40.000	40.414	-1.0	90	0.00
79	S	Terphenyl-d14	80.000	89.167	-11.5	91	0.00
80		Butylbenzylphthalate	40.000	51.985	-30.0#	114	-0.01
81		Benzo(a)anthracene	40.000	41.003	-2.5	92	0.00
82		3,3'-Dichlorobenzidine	40.000	54.316	-35.8#	119	0.00
83		Chrysene	40.000	40.556	-1.4	91	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	53.928	-34.8#	117	-0.01
85	c	Di-n-octyl phthalate	40.000	60.483	-51.2#	133	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	45.304	-13.3	128	-0.01
88		Benzo(b)fluoranthene	40.000	40.137	-0.3	108	0.00
89		Benzo(k)fluoranthene	40.000	39.316	1.7	103	-0.01
90	C	Benzo(a)pyrene	40.000	40.750	-1.9	110	-0.01
91		Dibenzo(a,h)anthracene	40.000	45.050	-12.6	127	-0.01
92		Benzo(g,h,i)perylene	40.000	45.311	-13.3	128	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047566.D
Acq On : 19 Sep 2024 11:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 13:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

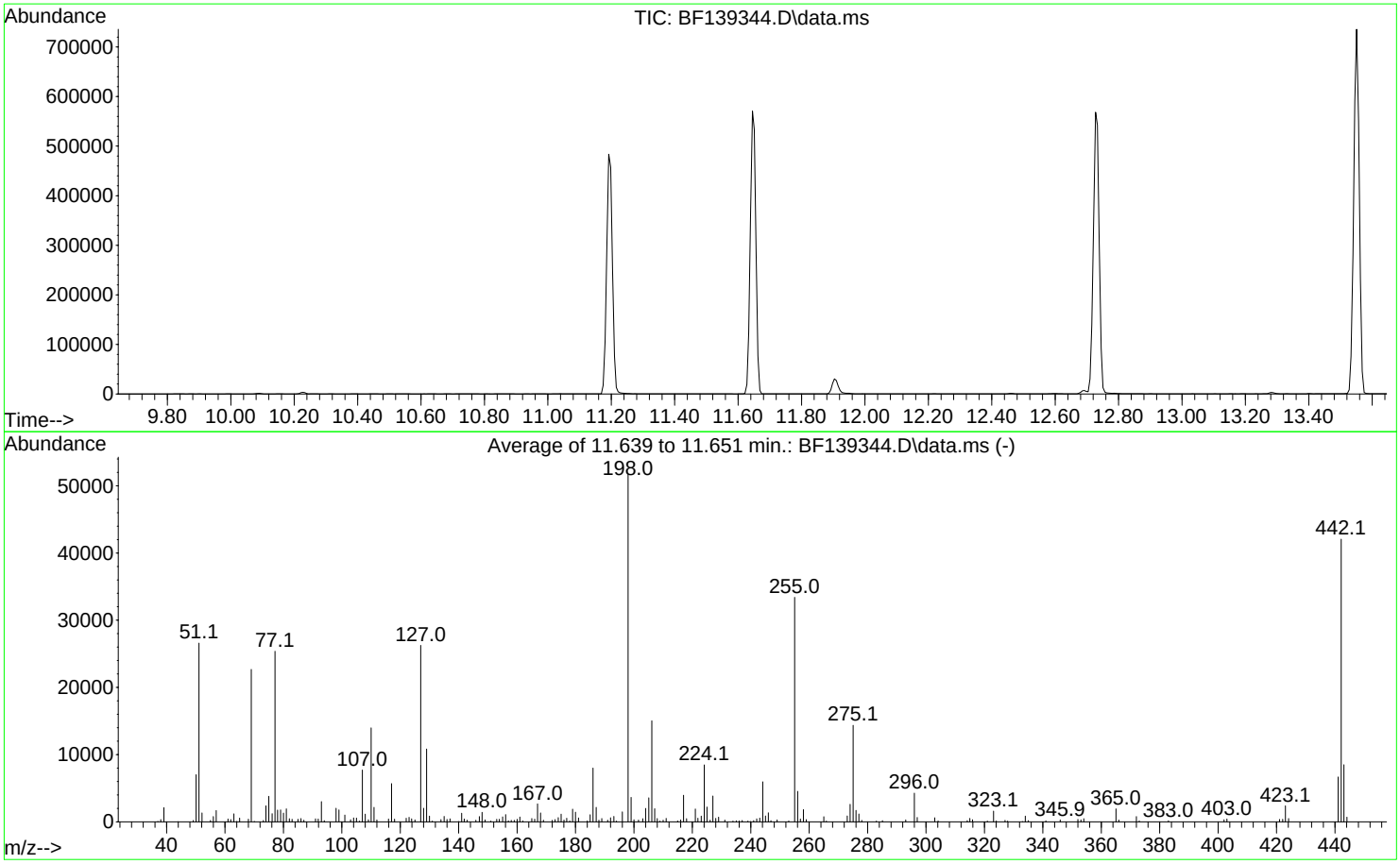
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Sep 14 02:58:23 2024



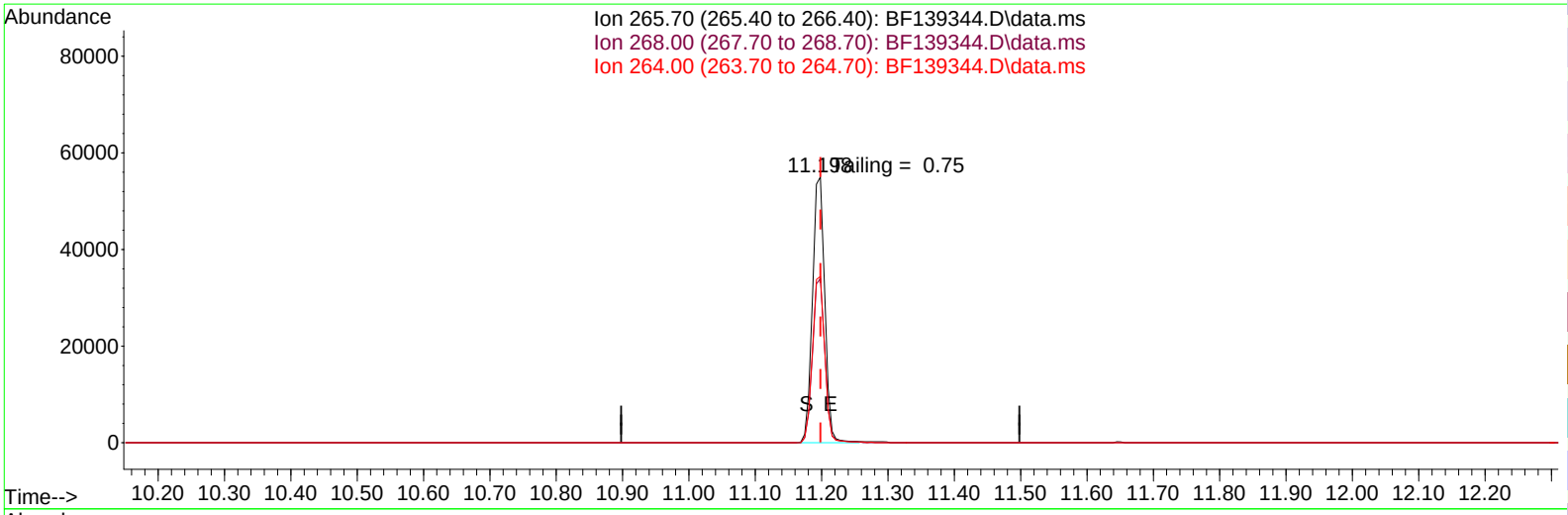
AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

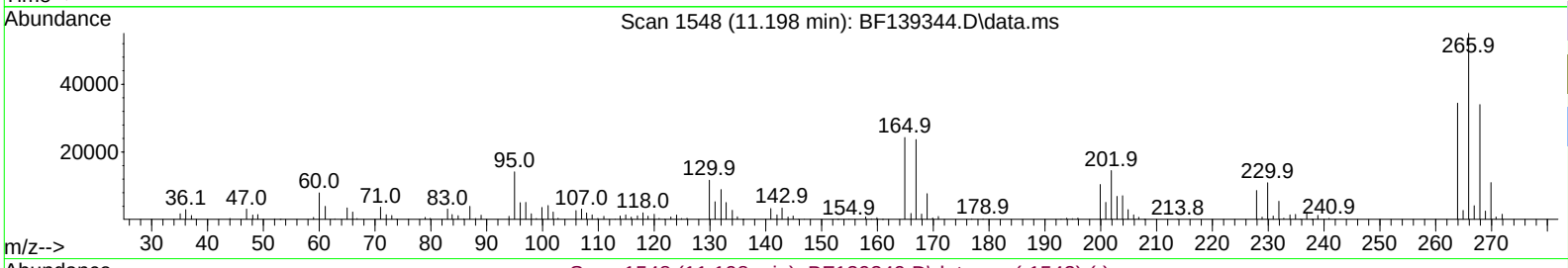
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	51.4	26587	PASS
68	69	0.00	2	1.8	408	PASS
69	198	0.00	100	43.9	22688	PASS
70	69	0.00	2	0.3	58	PASS
127	198	10	80	50.8	26253	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	51680	PASS
199	198	5	9	7.0	3638	PASS
275	198	10	60	27.8	14373	PASS
365	198	1	100	3.7	1928	PASS
441	198	0.01	100	12.9	6681	PASS
442	442	50	100	100.0	42051	PASS
443	442	15	24	20.2	8504	PASS

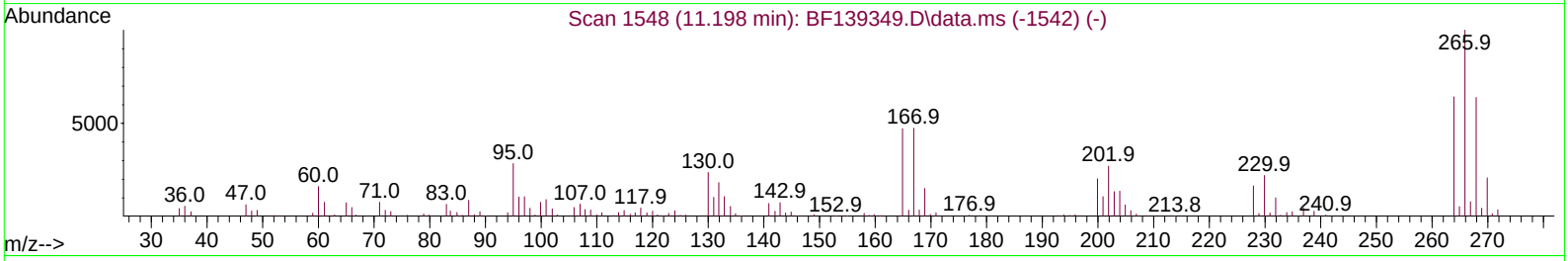
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 14 03:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration







TIC: BF139344.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.000) 38365.64 ng

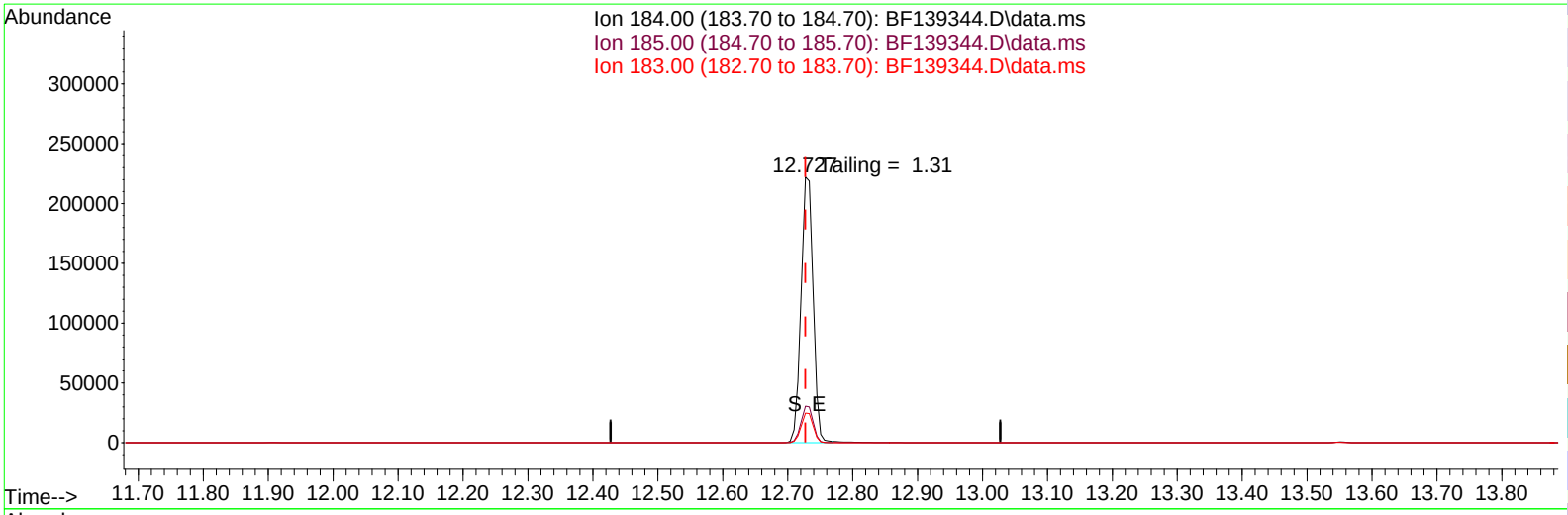
response 71487

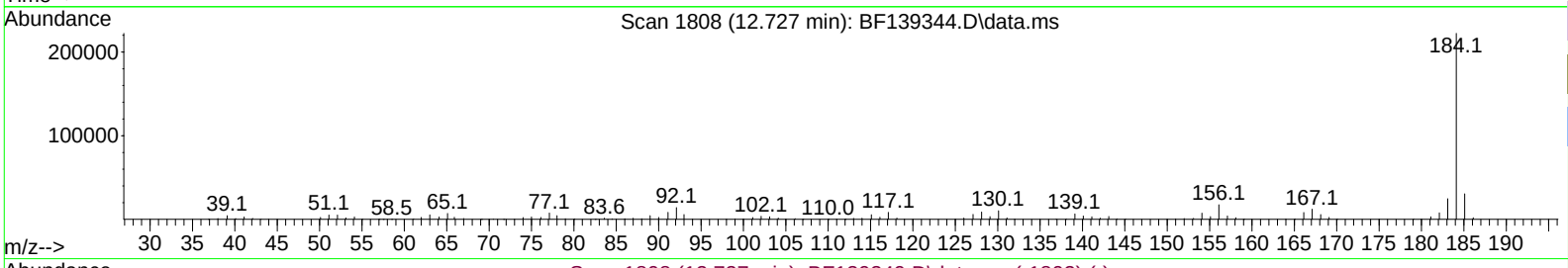
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	61.78
264.00	64.20	62.58
0.00	0.00	0.00

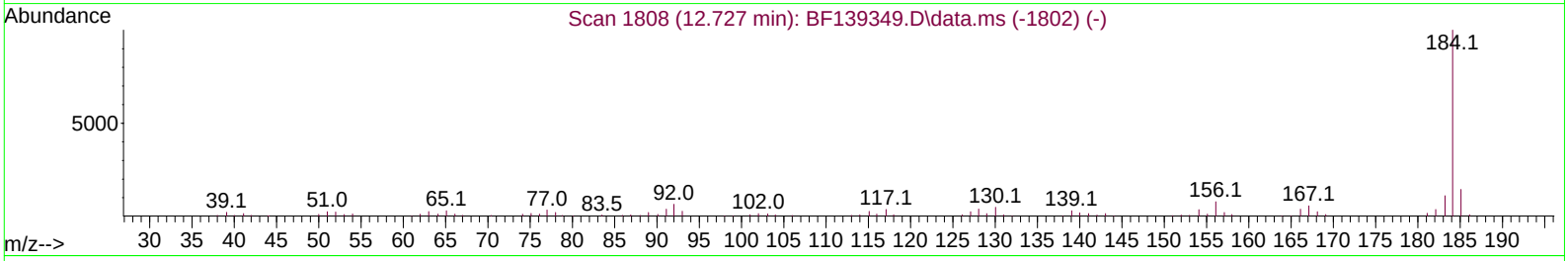
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 14 03:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration







TIC: BF139344.D\data.ms

(77) Benzidine

12.727min (-0.000) 0.00 ng

response 292142

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.80
183.00	11.10	11.14
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

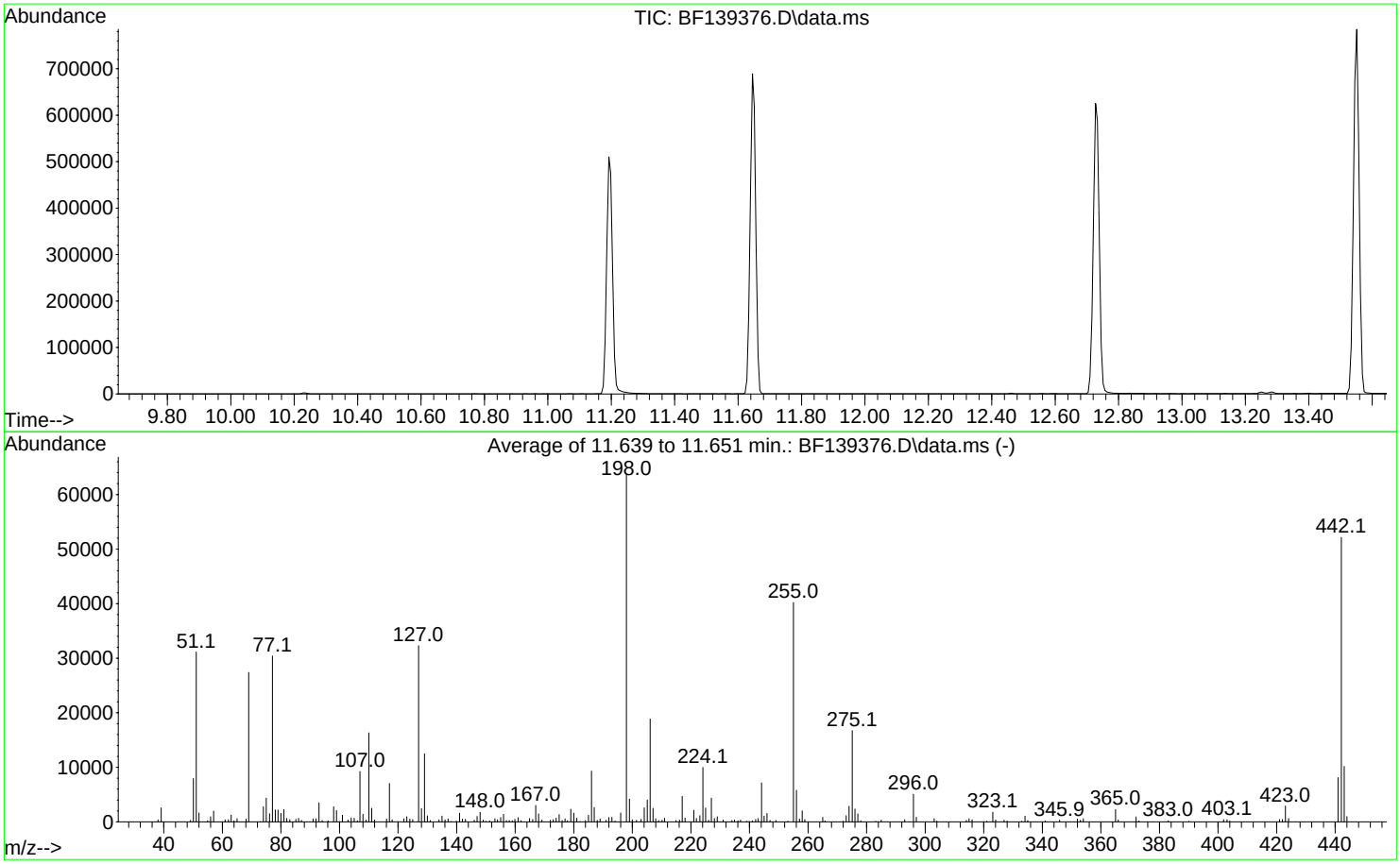
Date	Instrument Name	DFTPP Data File
9/13/2024	BNA_F	BF139344.D
Compound Name	**Response**	**Retention Time**
DDT	167916	13.551
DDD	1258	13.28
DDE	0	12.927
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
1258	169174	0.74

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139376.D
Acq On : 16 Sep 2024 10:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Sep 14 02:58:23 2024



AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

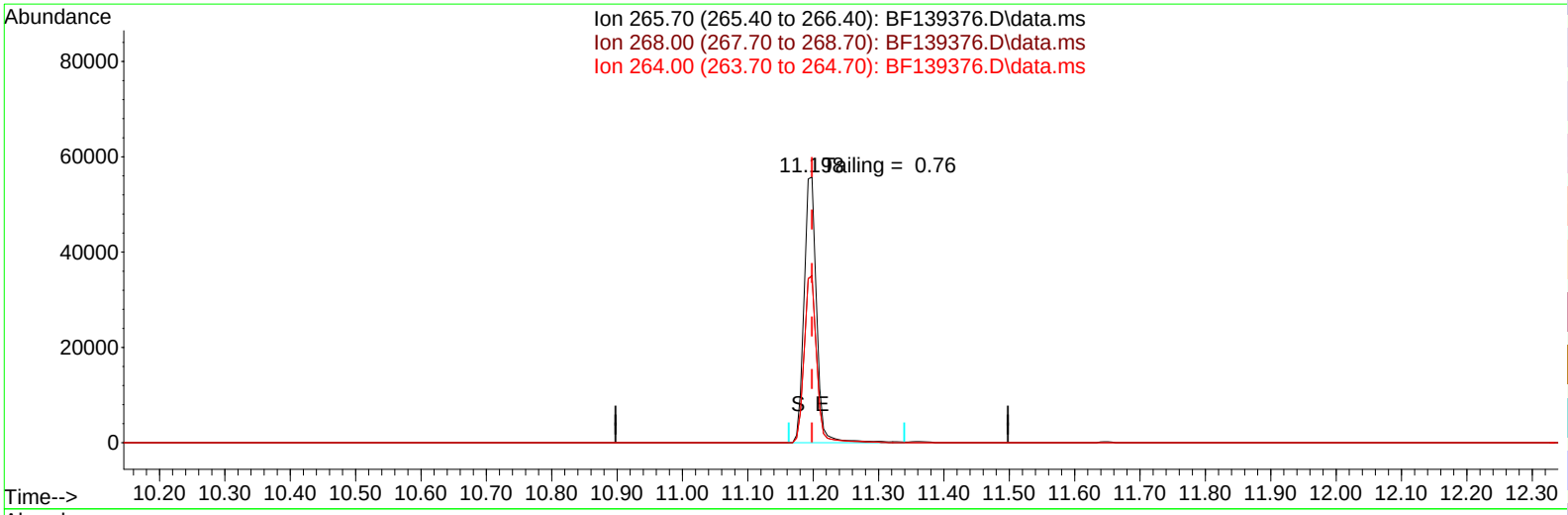
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	48.9	31123	PASS
68	69	0.00	2	1.8	503	PASS
69	198	0.00	100	43.0	27395	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	50.7	32280	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	63672	PASS
199	198	5	9	6.6	4197	PASS
275	198	10	60	26.3	16737	PASS
365	198	1	100	3.6	2271	PASS
441	198	0.01	100	12.7	8118	PASS
442	442	50	100	100.0	52165	PASS
443	442	15	24	19.5	10168	PASS

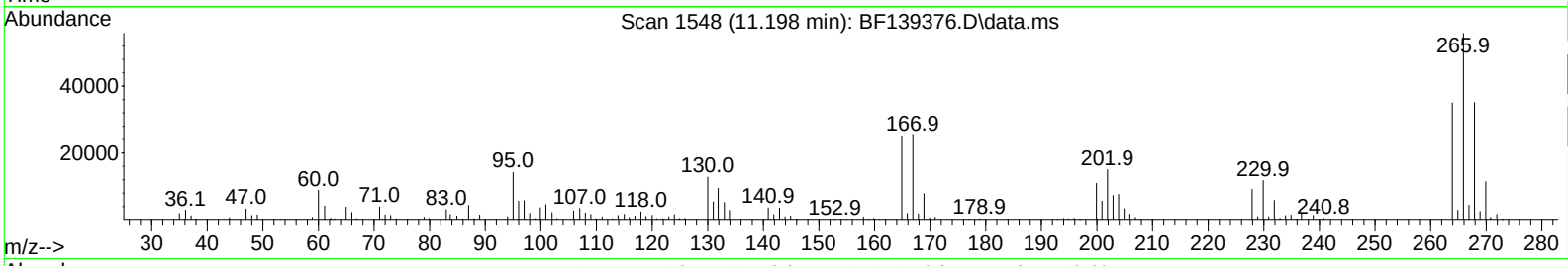
Sample Results: **BF139376.D**

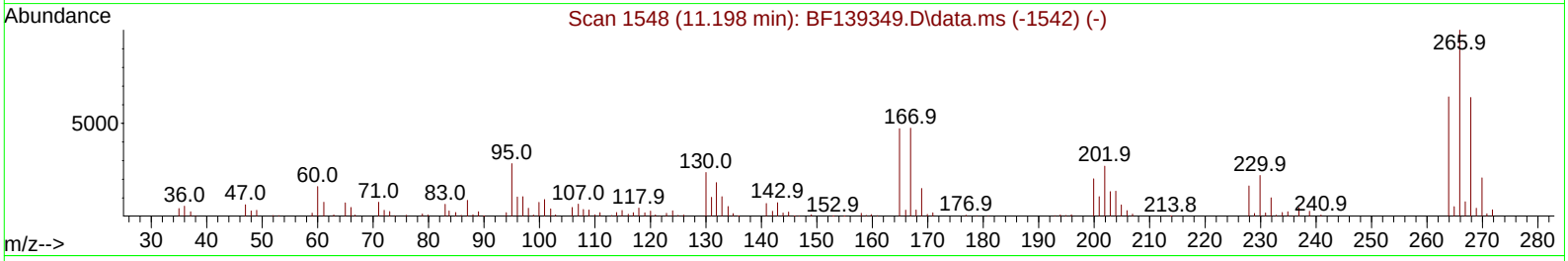
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139376.D
Acq On : 16 Sep 2024 10:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 16 11:15:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration







TIC: BF139376.D\data.ms

(70) Pentachlorophenol (C)

11.198min (0.000) 35373.17 ng

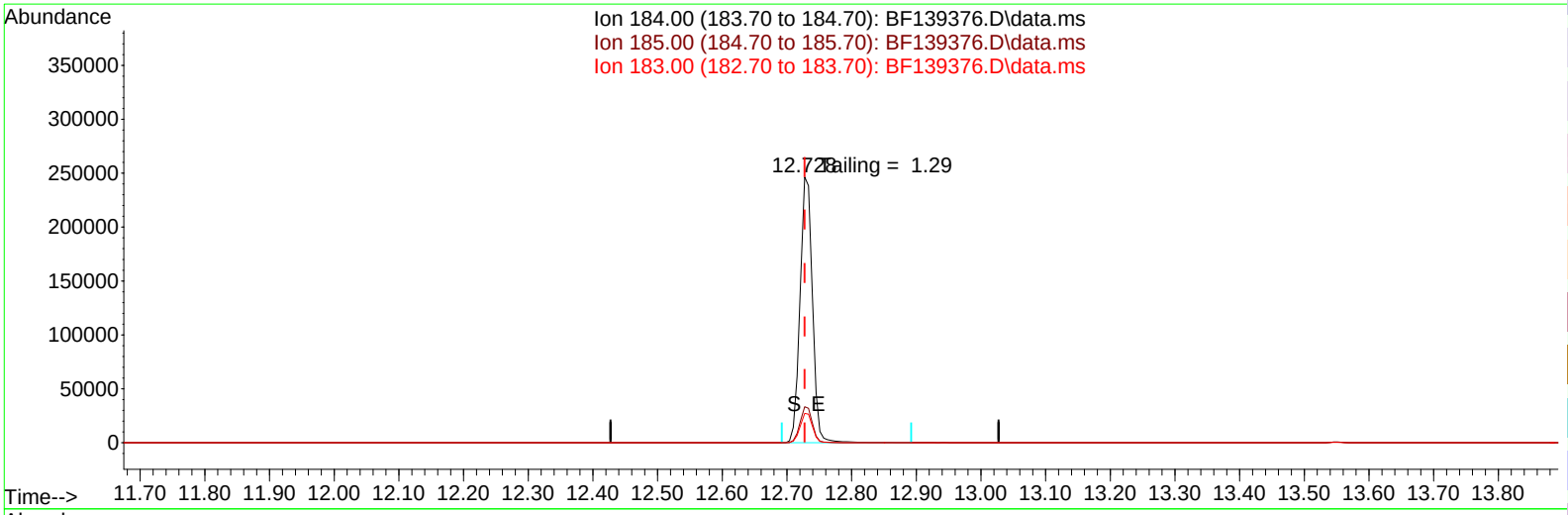
response 74798

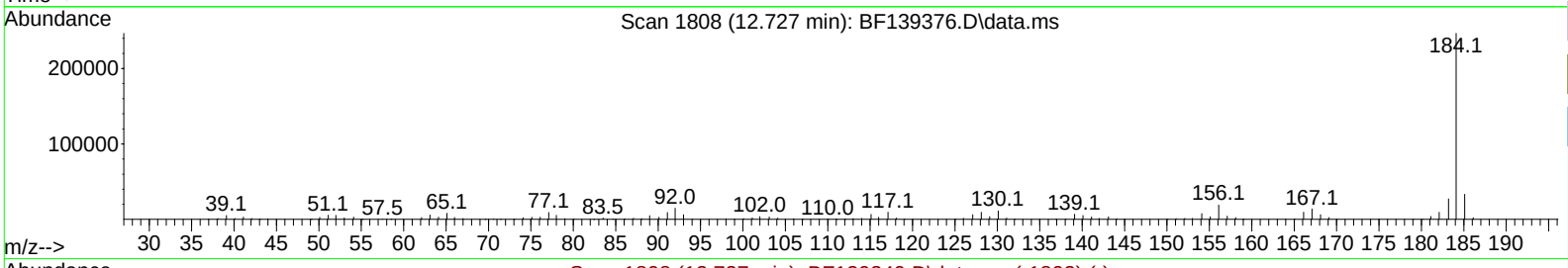
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	62.89
264.00	64.20	62.73
0.00	0.00	0.00

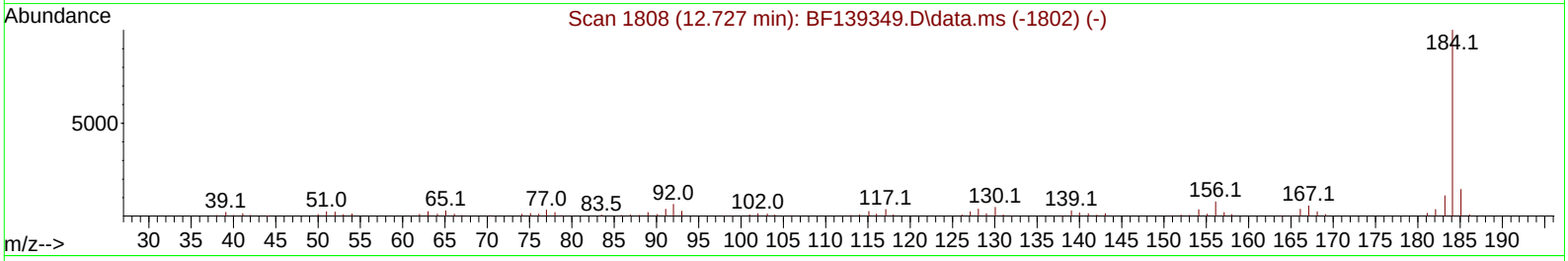
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139376.D
Acq On : 16 Sep 2024 10:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 16 11:15:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration







TIC: BF139376.D\data.ms

(77) Benzidine

12.727min (0.000) 0.00 ng

response 330188

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.54
183.00	11.10	11.05
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

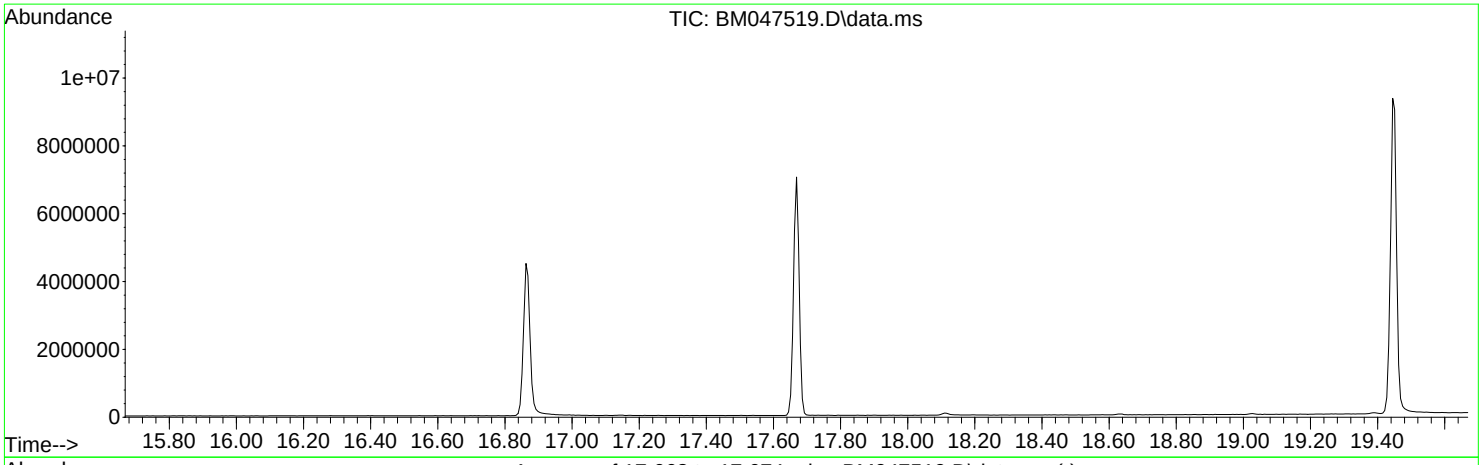
Date	Instrument Name	DFTPP Data File
9/16/2024	BNA_F	BF139376.D
Compound Name	**Response**	**Retention Time**
DDT	183313	13.551
DDD	2677	13.251
DDE	59	12.916
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2736	186049	1.47

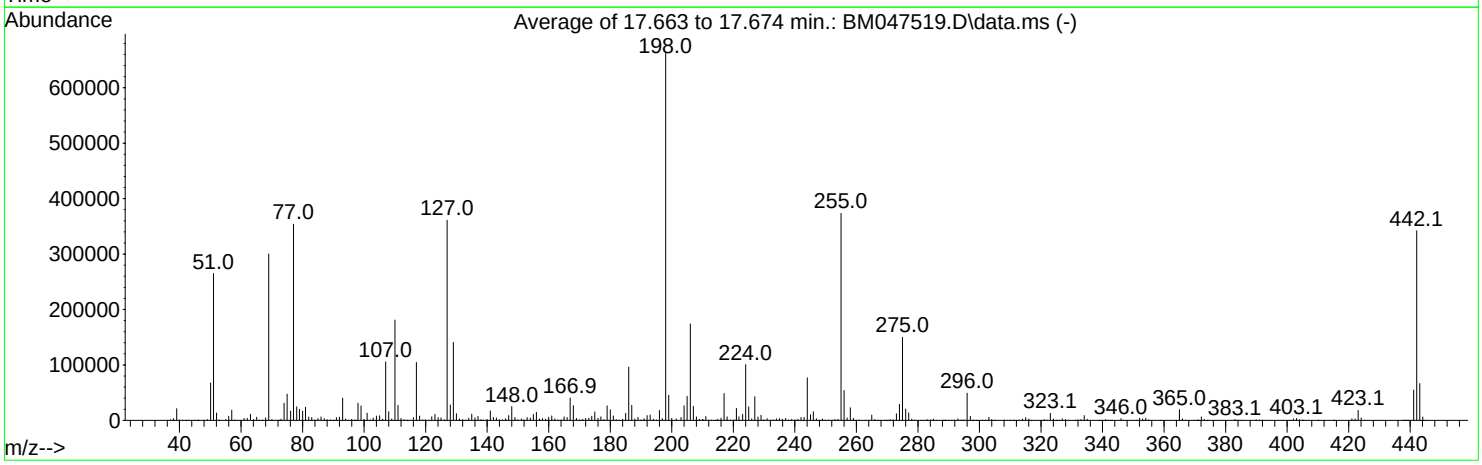
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047519.D
Acq On : 14 Sep 2024 11:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sun Sep 15 08:56:37 2024





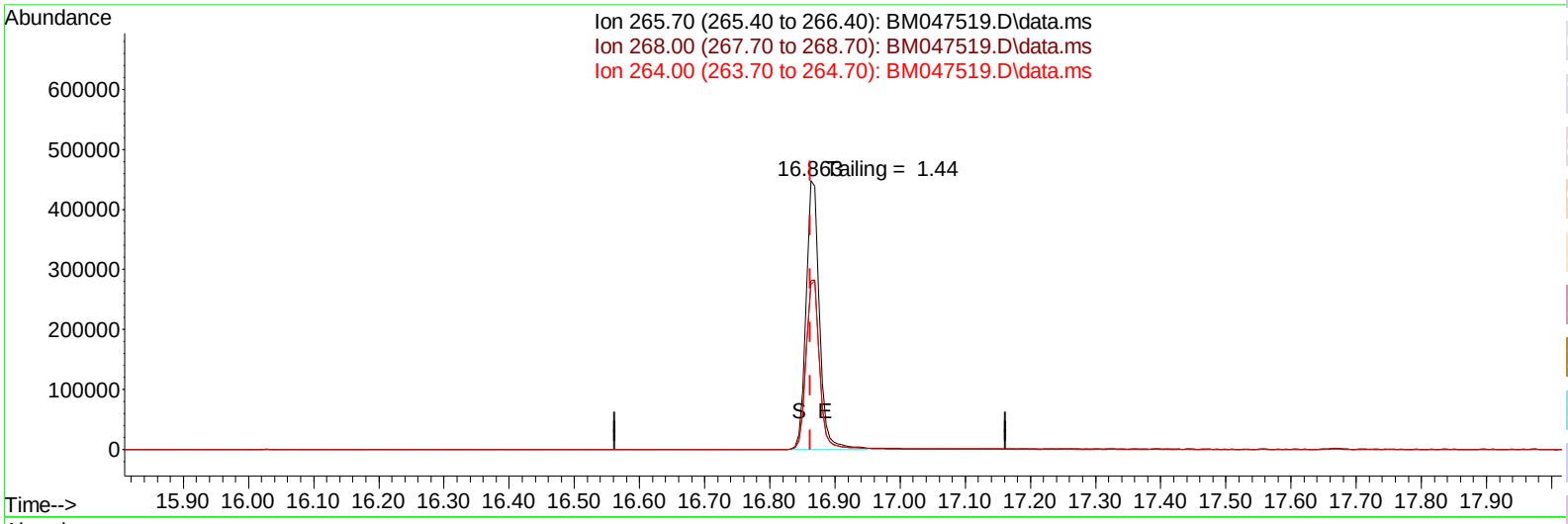
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

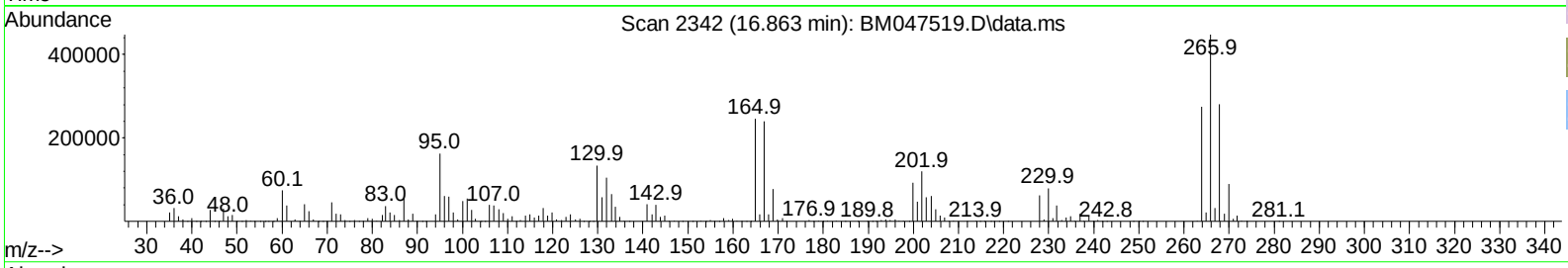
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.9	264866	PASS
68	69	0.00	2	1.5	4554	PASS
69	198	0.00	100	45.2	300217	PASS
70	69	0.00	2	0.6	1725	PASS
127	198	10	80	54.4	361109	PASS
197	198	0.00	2	0.5	3353	PASS
198	198	100	100	100.0	663616	PASS
199	198	5	9	6.8	45408	PASS
275	198	10	60	22.6	149971	PASS
365	198	1	100	2.9	19493	PASS
441	198	0.01	100	8.3	54813	PASS
442	442	50	100	100.0	341973	PASS
443	442	15	24	19.4	66293	PASS

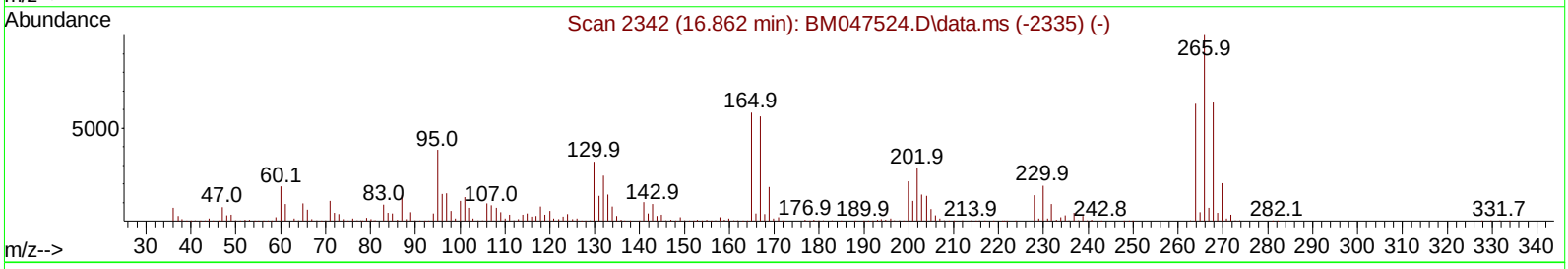
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047519.D
Acq On : 14 Sep 2024 11:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Sep 15 09:03:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration







TIC: BM047519.D\data.ms

(70) Pentachlorophenol (C)

16.863min (+ 0.000) 149789.64 ng

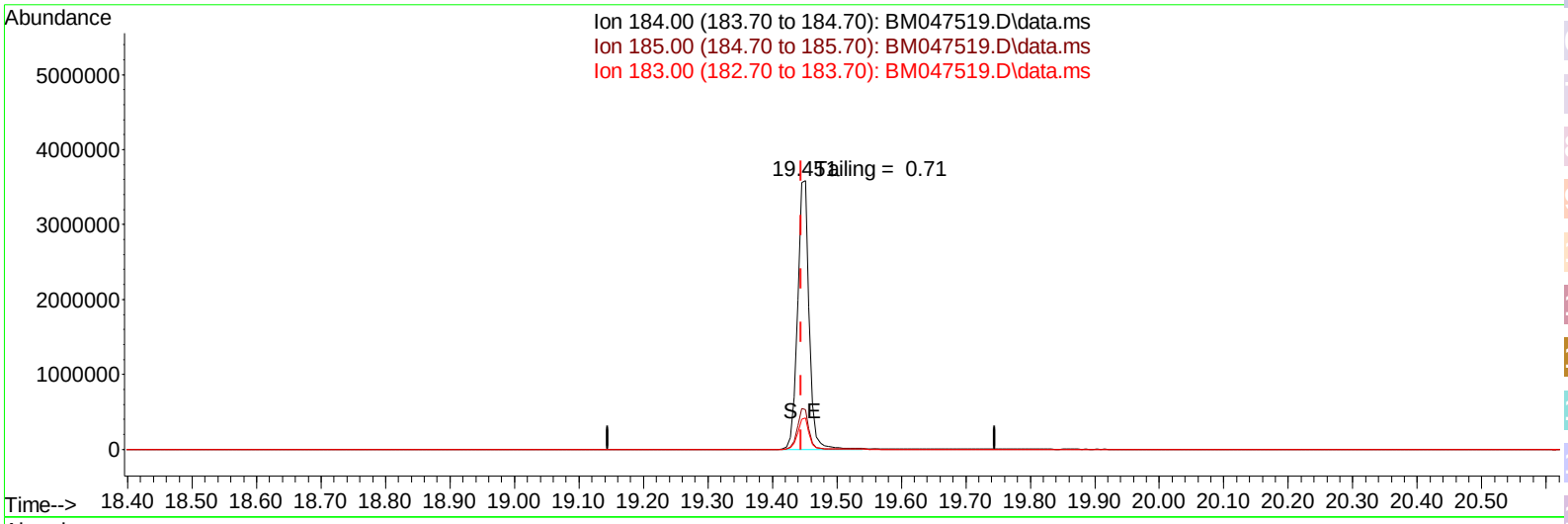
response 629866

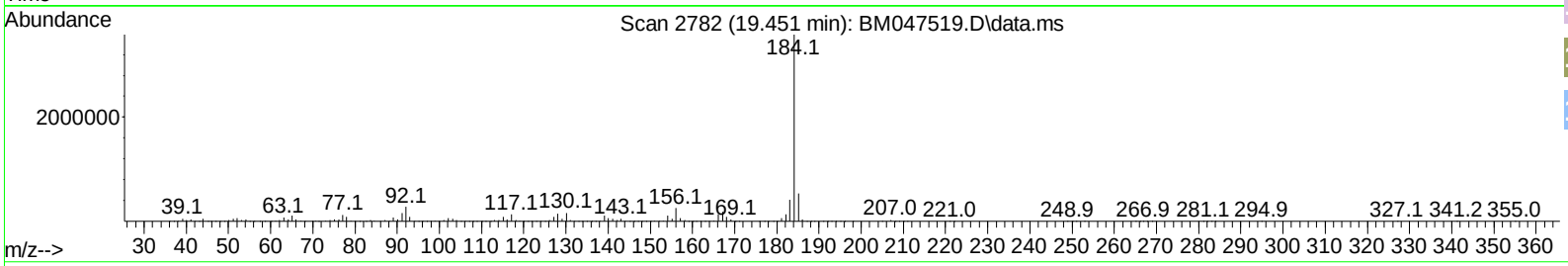
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	62.83
264.00	63.00	61.38
0.00	0.00	0.00

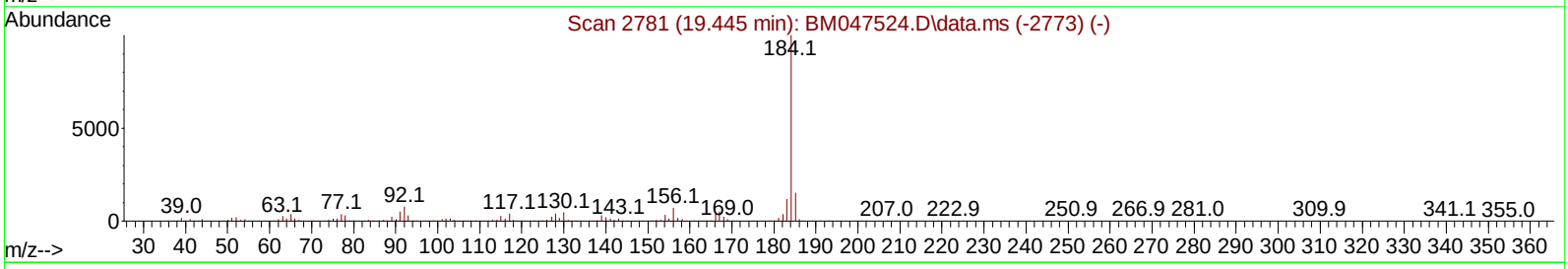
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047519.D
Acq On : 14 Sep 2024 11:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Sep 15 09:03:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration







TIC: BM047519.D\data.ms

(77) Benzidine

19.451min (+ 0.006) 303907.69 ng

response 4609731

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.82
183.00	12.00	11.61
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

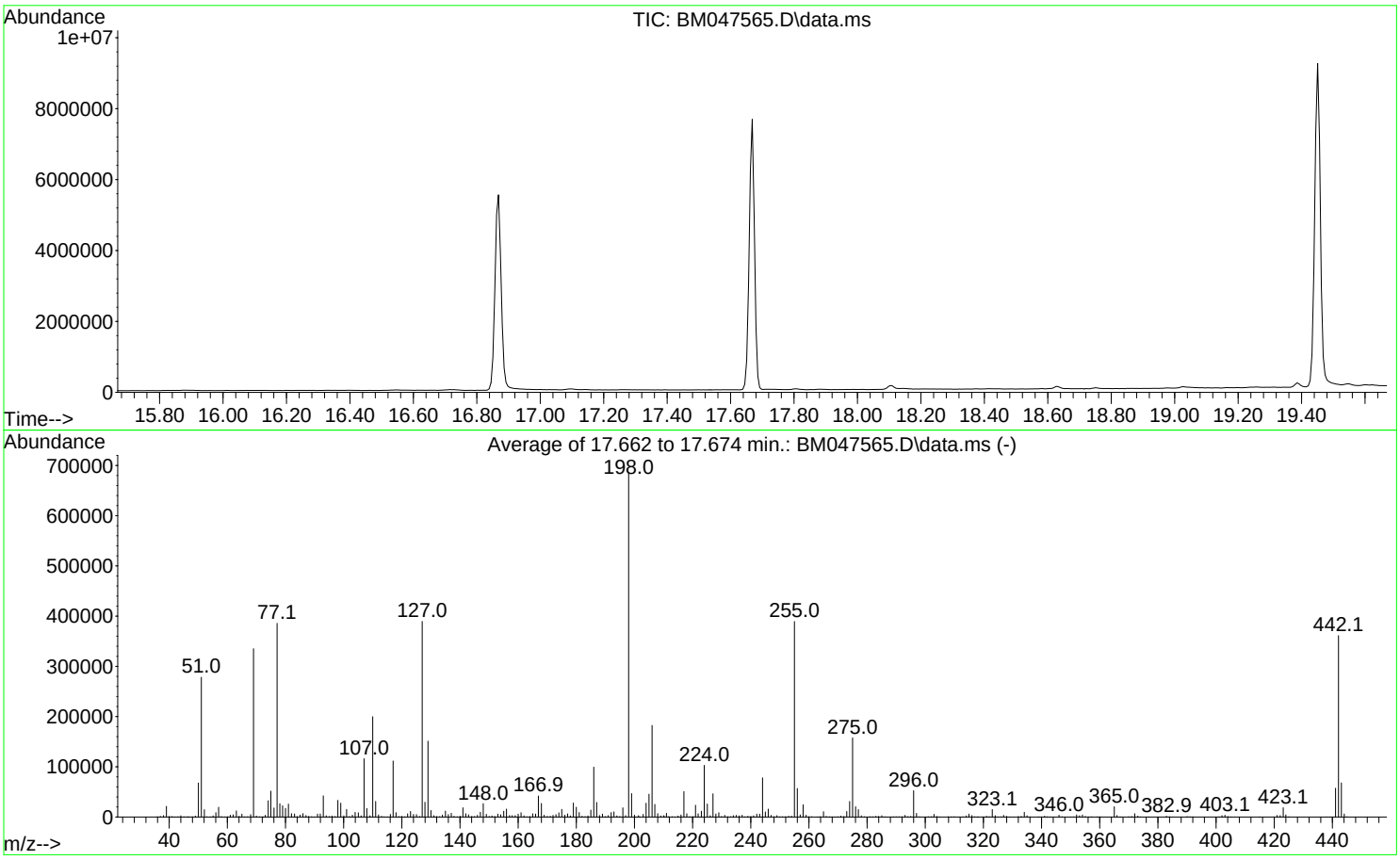
Date	Instrument Name	DFTPP Data File
9/14/2024	BNA_M	BM047519.D
Compound Name	**Response**	**Retention Time**
DDT	2011863	20.686
DDD	13962	20.304
DDE	0	19.892
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
13962	2025825	0.69

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047565.D
Acq On : 19 Sep 2024 08:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sun Sep 15 08:56:37 2024



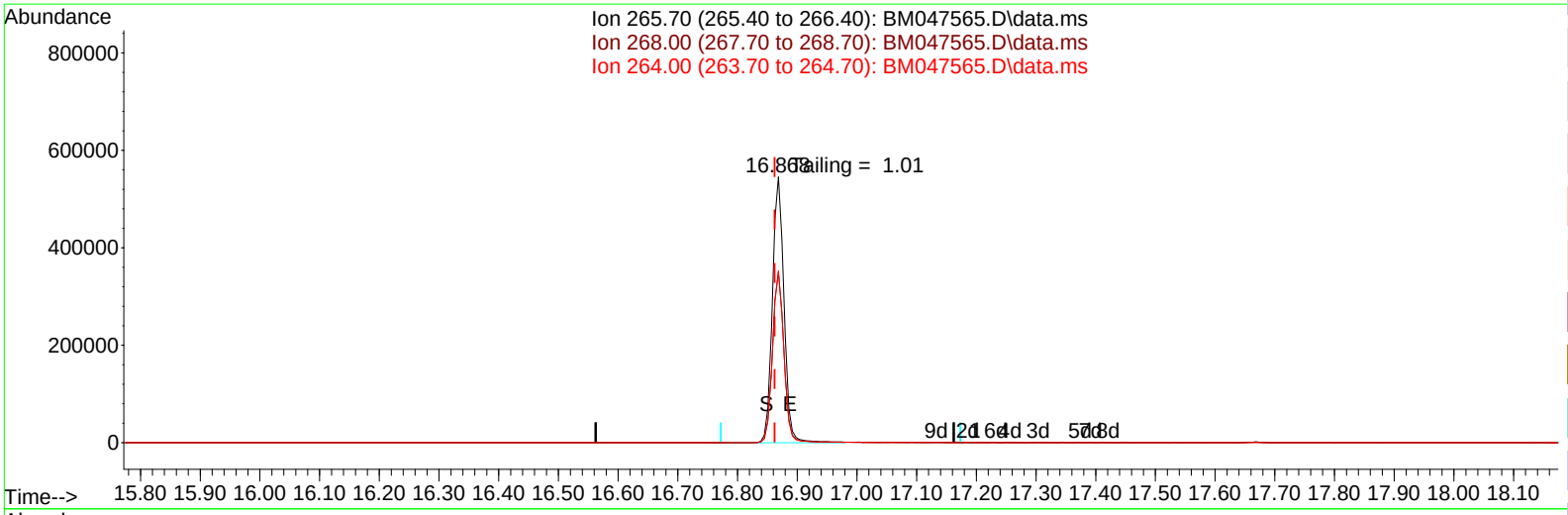
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2470

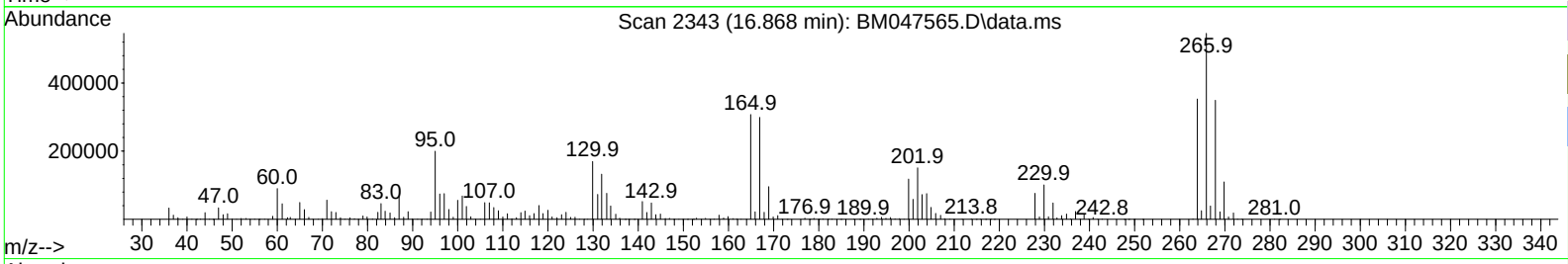
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.6	278274	PASS
68	69	0.00	2	1.5	4882	PASS
69	198	0.00	100	48.9	335179	PASS
70	69	0.00	2	0.6	1919	PASS
127	198	10	80	56.8	389461	PASS
197	198	0.00	2	0.4	2928	PASS
198	198	100	100	100.0	685845	PASS
199	198	5	9	6.8	46739	PASS
275	198	10	60	23.0	157611	PASS
365	198	1	100	3.0	20608	PASS
441	198	0.01	100	8.4	57341	PASS
442	442	50	100	100.0	361152	PASS
443	442	15	24	18.8	68013	PASS

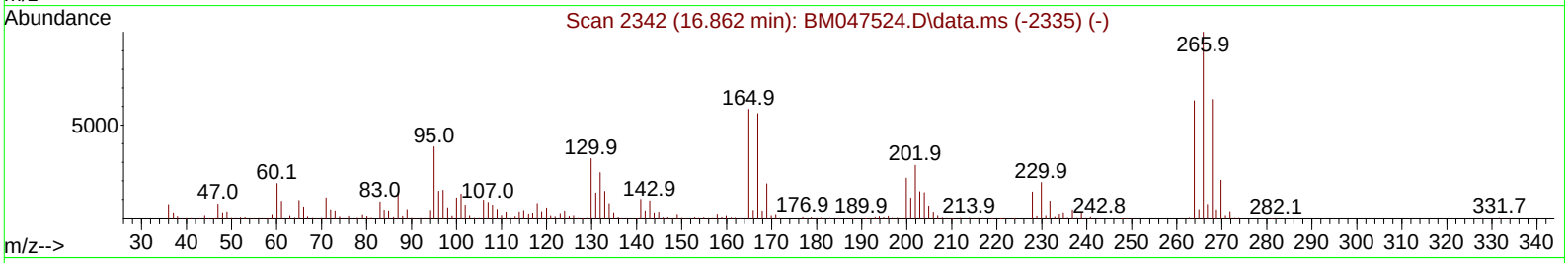
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047565.D
Acq On : 19 Sep 2024 08:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Sep 19 12:50:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration







TIC: BM047565.D\data.ms

(70) Pentachlorophenol (C)

16.868min (+ 0.006) 28826.43 ng m

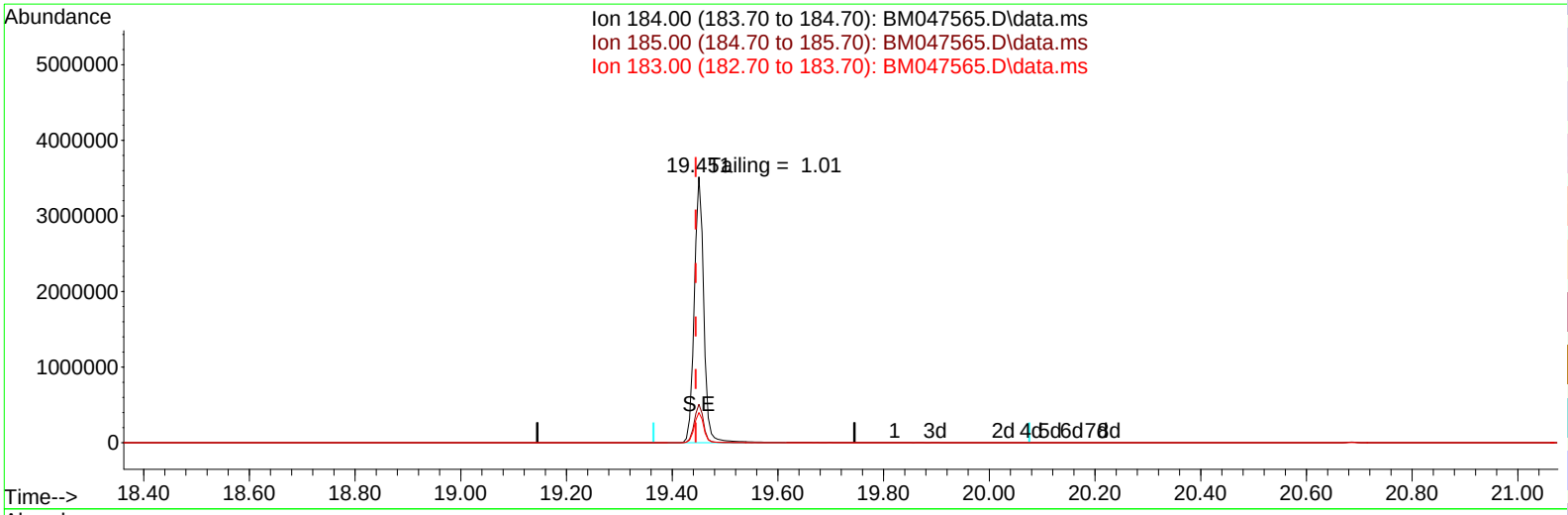
response 749732

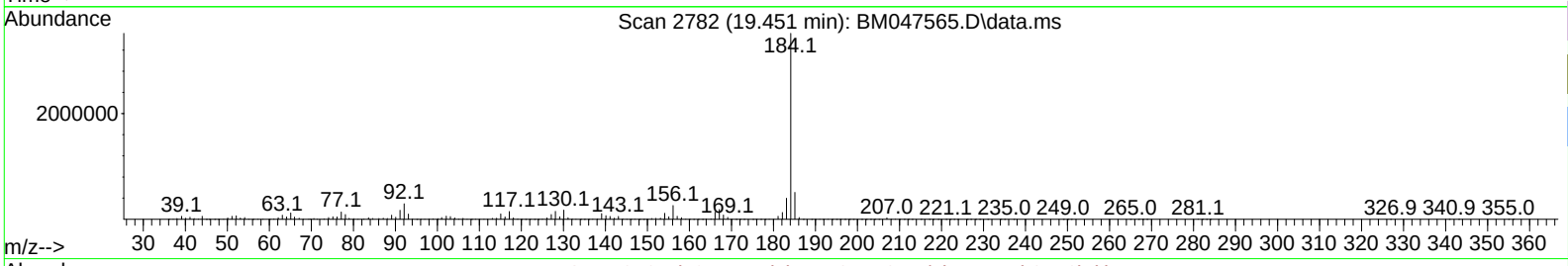
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	64.05
264.00	63.00	64.66
0.00	0.00	0.00

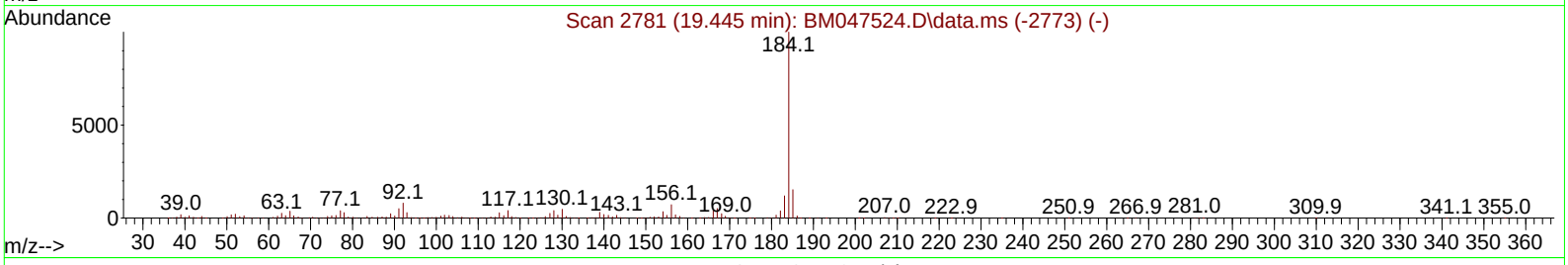
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047565.D
Acq On : 19 Sep 2024 08:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Sep 19 12:50:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration







TIC: BM047565.D\data.ms

(77) Benzidine

19.451min (+ 0.006) 2160538.53 ng m

response 4472986

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.44
183.00	12.00	11.35
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/19/2024	BNA_M	BM047565.D
Compound Name	**Response**	**Retention Time**
DDT	1796898	20.686
DDD	111808	20.245
DDE	3650	19.745
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
115458	1912356	6.04

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163318BL	SDG No.:	P3845
Lab Sample ID:	PB163318BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM047567.D	1	09/12/24 08:40	09/19/24 12:35	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
65-85-0	Benzoic acid	5.50	U	5.50	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		10 - 139	83%	SPK: 150
13127-88-3	Phenol-d6	109		10 - 134	73%	SPK: 150
118-79-6	2,4,6-Tribromophenol	107		44 - 137	71%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	354000	7.839			
1146-65-2	Naphthalene-d8	1340000	10.633			
15067-26-2	Acenaphthene-d10	660000	14.474			
1517-22-2	Phenanthrene-d10	1170000	17.209			
1719-03-5	Chrysene-d12	865000	21.433			
1520-96-3	Perylene-d12	939000	24.456			

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	NJ Waste Water PT			Date Received:	
Client Sample ID:	PB163318BL			SDG No.:	P3845
Lab Sample ID:	PB163318BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BM047567.D	1	09/12/24 08:40	09/19/24 12:35	PB163318

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_M\Data\BM091924\
Data File : BM047567.D
Acq On : 19 Sep 2024 12:35
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Quant Time: Sep 19 13:22:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

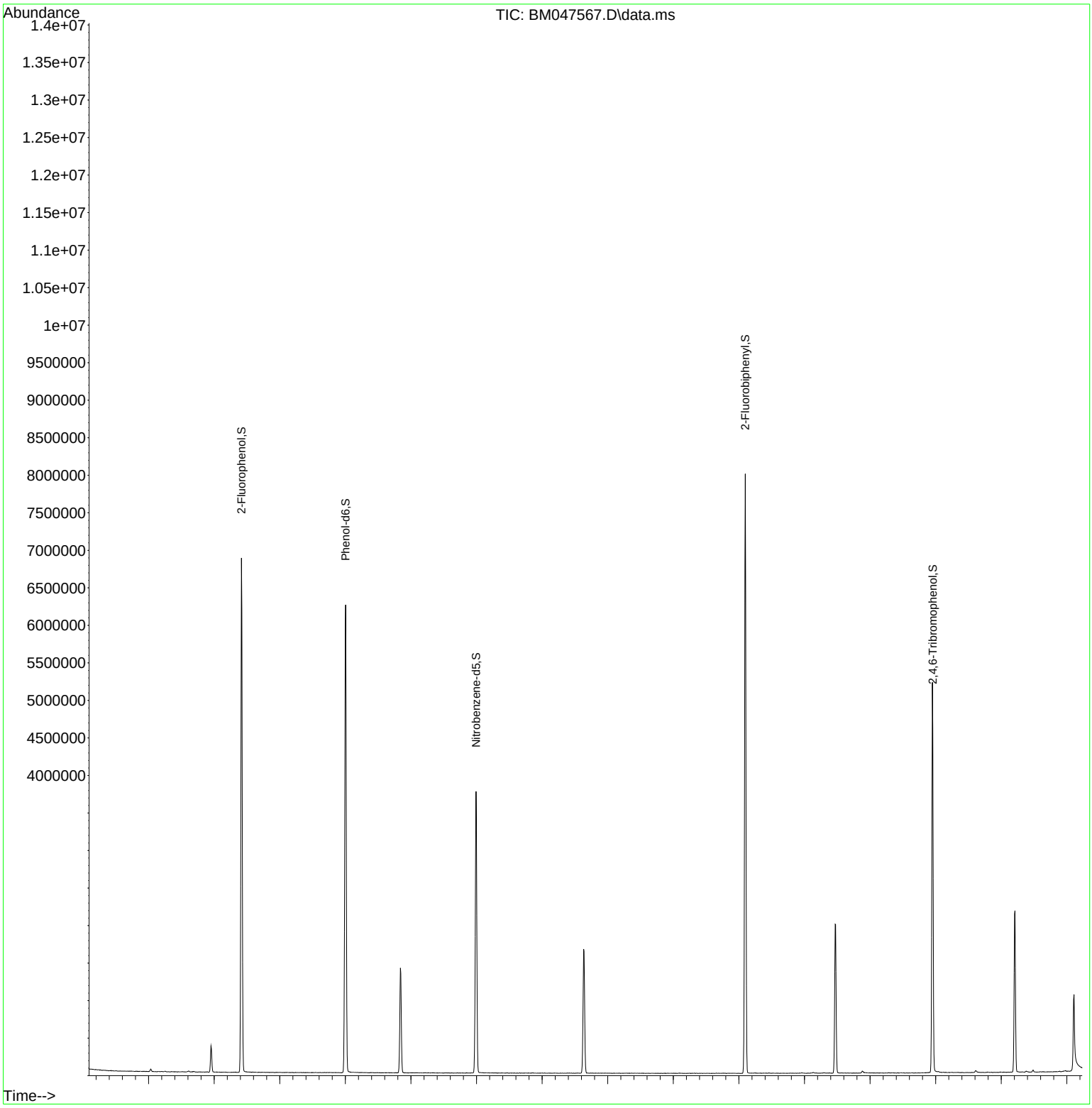
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	353821	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1340234	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	659710	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1165231	20.000	ng	0.00
76) Chrysene-d12	21.433	240	864552	20.000	ng	-0.01
86) Perylene-d12	24.456	264	939242	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2760872	124.241	ng	0.00
7) Phenol-d6	7.004	99	3405572	108.822	ng	0.00
23) Nitrobenzene-d5	8.992	82	2088000	77.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	682393	107.014	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3670972	76.653	ng	-0.01
79) Terphenyl-d14	19.821	244	4587860	95.092	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047567.D
Acq On : 19 Sep 2024 12:35
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163318BL

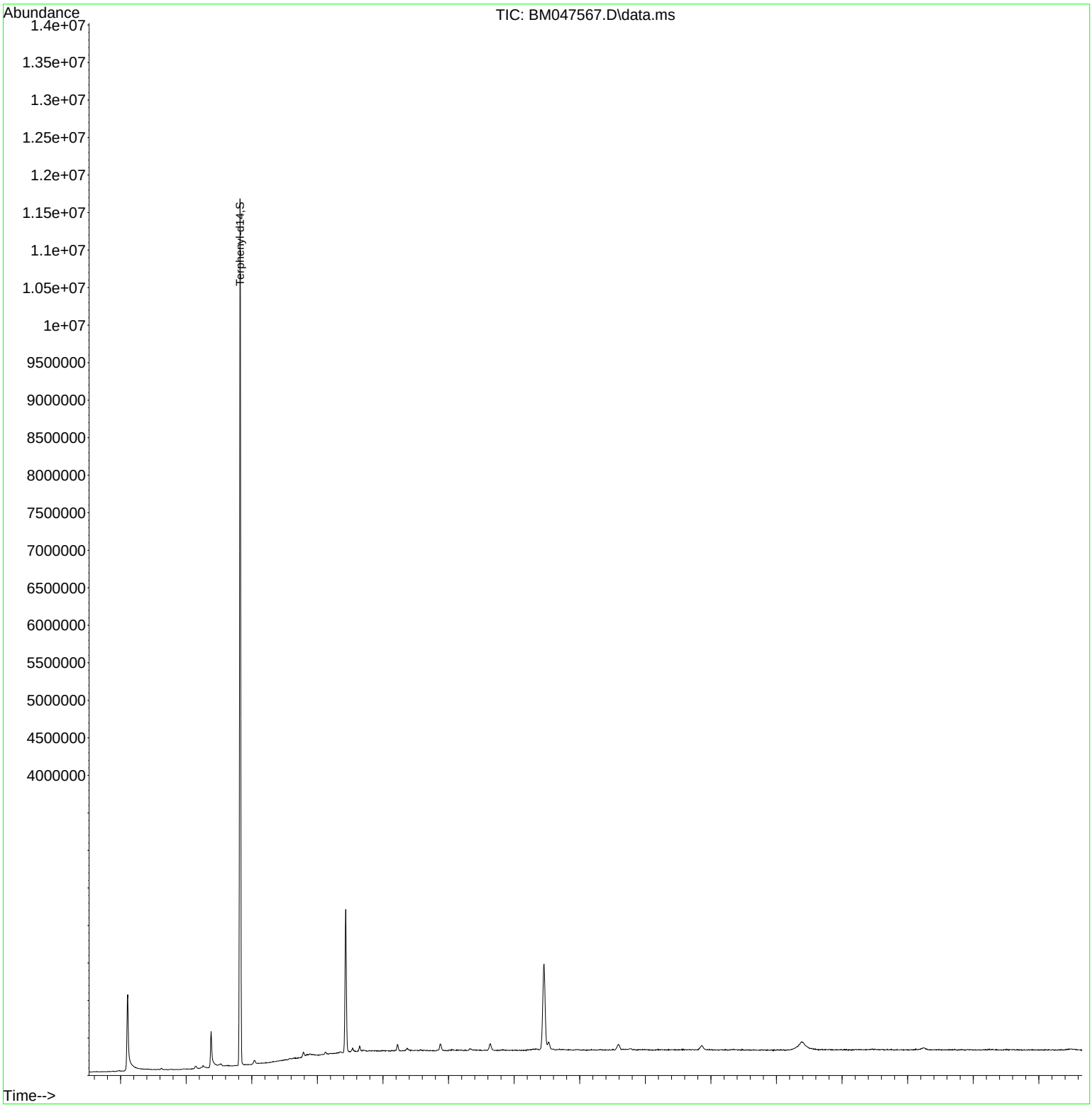
Quant Time: Sep 19 13:22:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

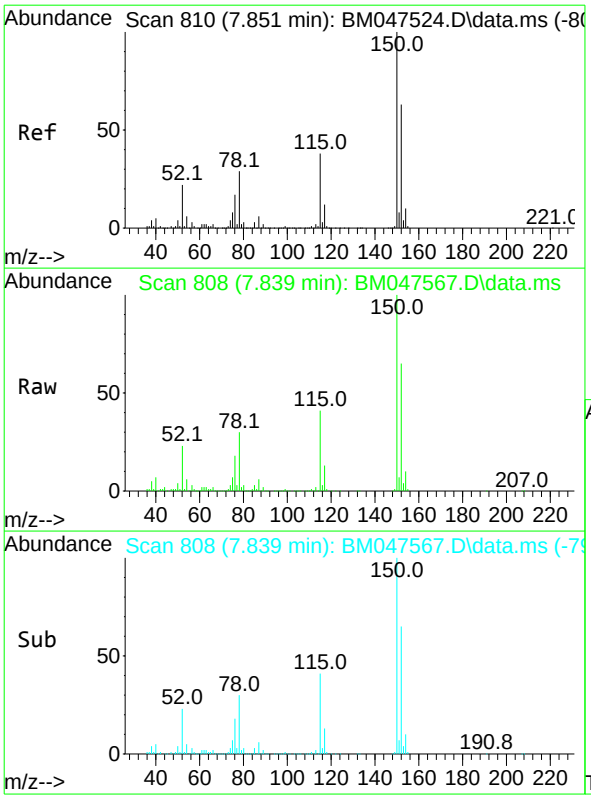


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047567.D
Acq On : 19 Sep 2024 12:35
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Quant Time: Sep 19 13:22:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration



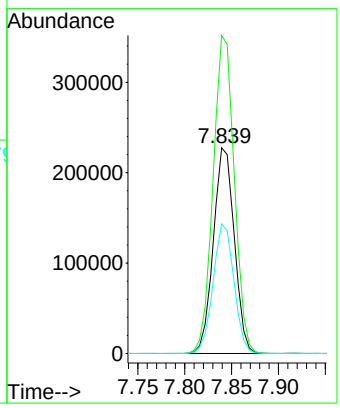


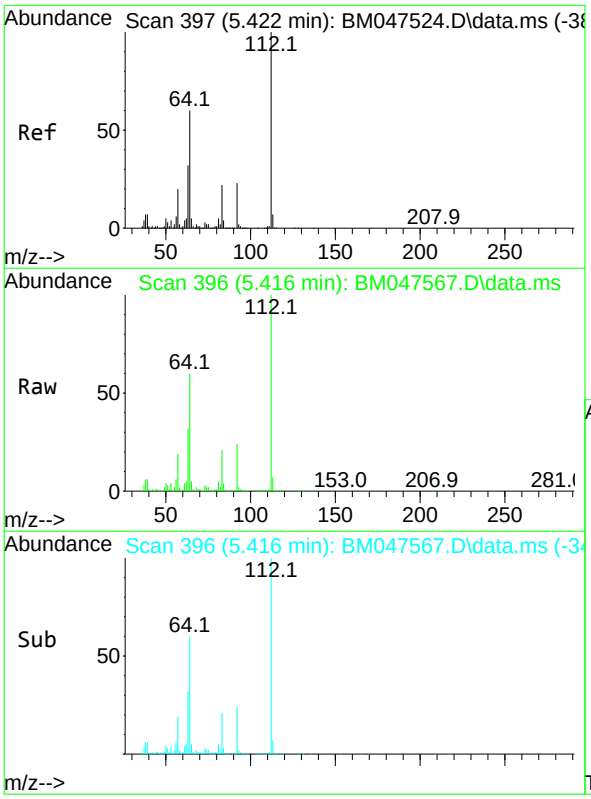
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:152 Resp: 353821

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.8	190.2
115	63.0	47.8	71.8

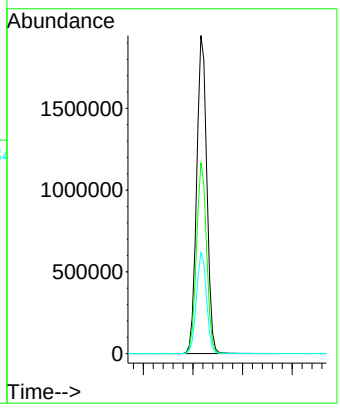


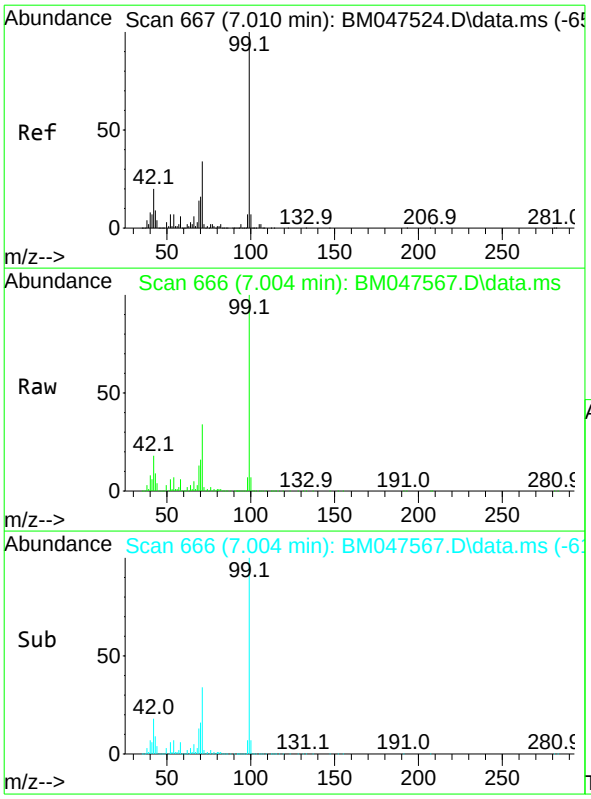


#5
2-Fluorophenol
Concen: 124.241 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:112 Resp: 2760872

Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.2	72.4
63	31.8	26.0	39.0



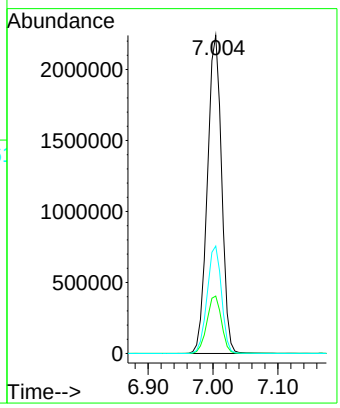


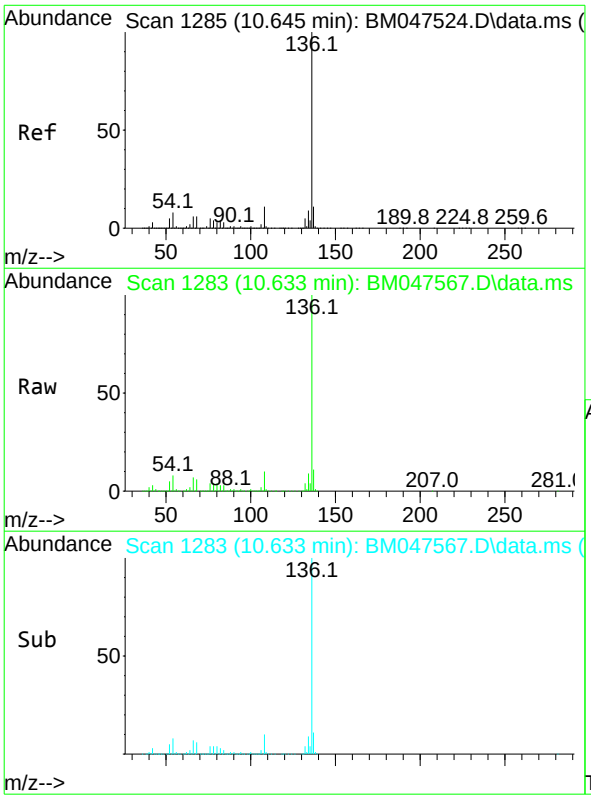
#7
Phenol-d6
Concen: 108.822 ng
RT: 7.004 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion: 99 Resp: 3405572

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.8
71	33.8	27.6	41.4

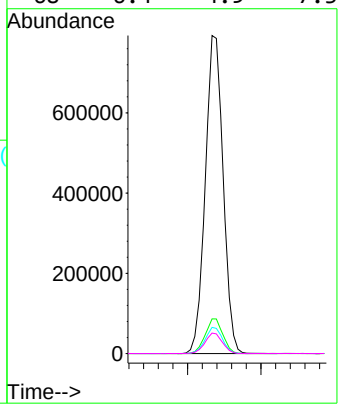


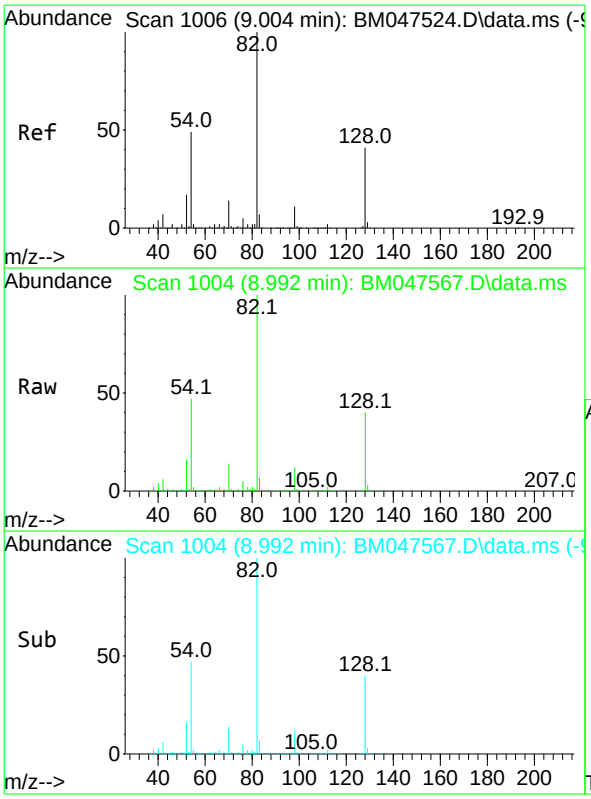


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:136 Resp: 1340234

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.2	6.6	9.8
68	6.4	4.9	7.3



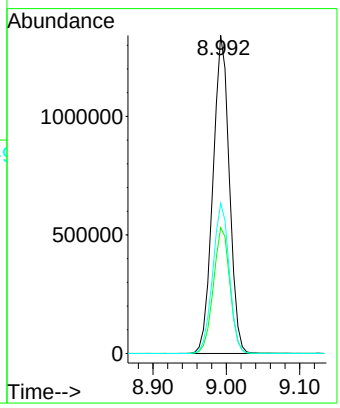


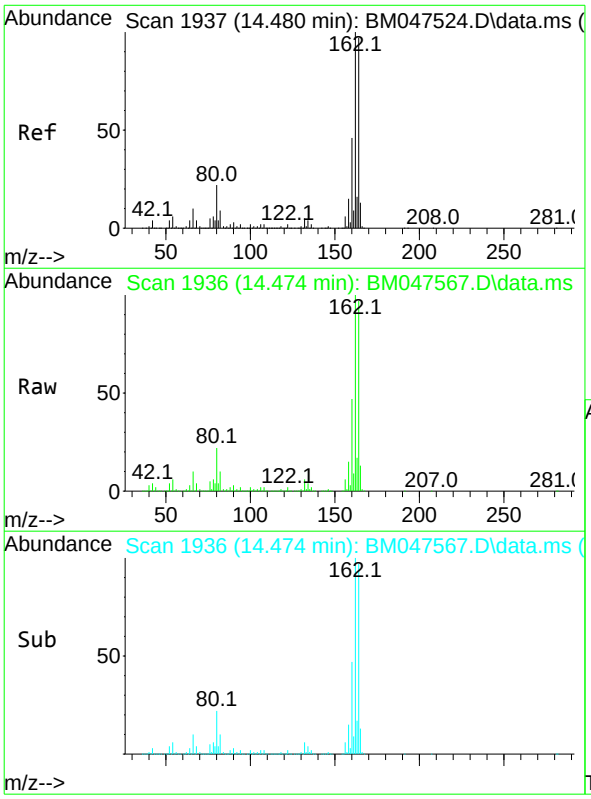
#23
Nitrobenzene-d5
Concen: 77.969 ng
RT: 8.992 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion: 82 Resp: 2088000

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	47.2	39.3	58.9

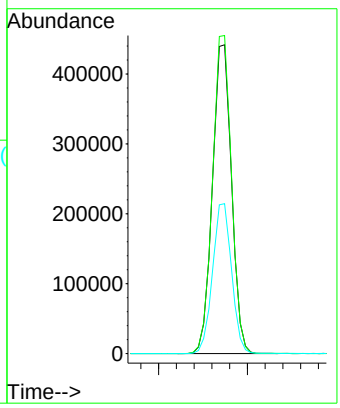


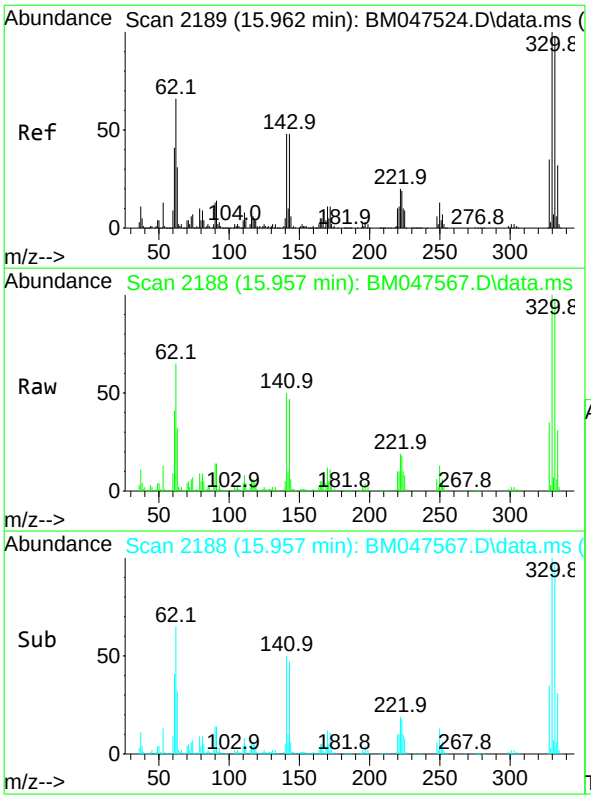


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:164 Resp: 659710

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.2
160	48.5	38.2	57.2



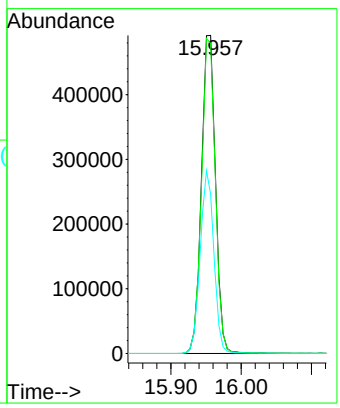


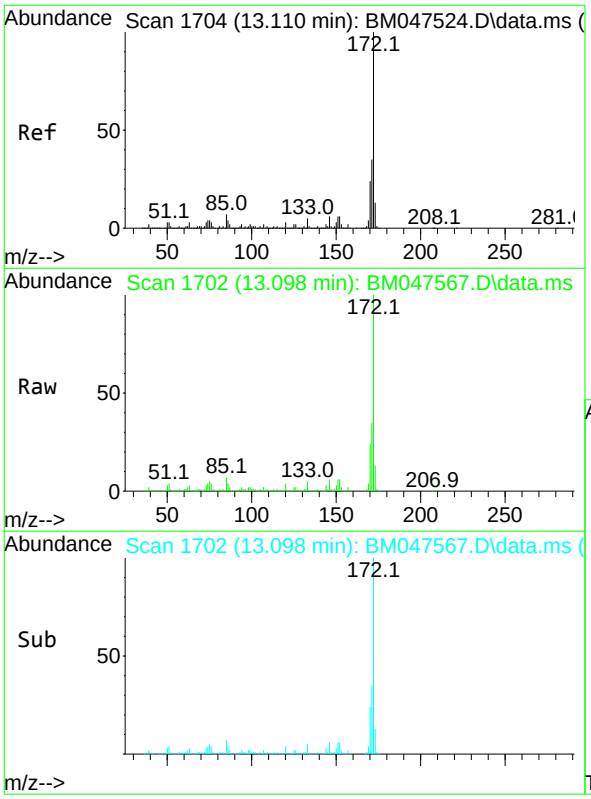
#42
2,4,6-Tribromophenol
Concen: 107.014 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:330 Resp: 682393

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	56.0	42.2	63.2

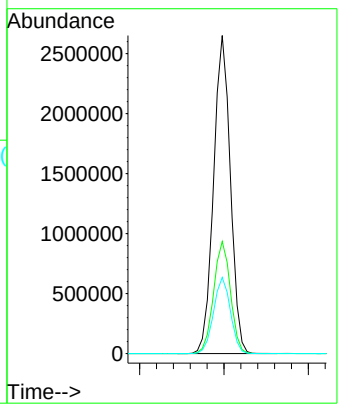


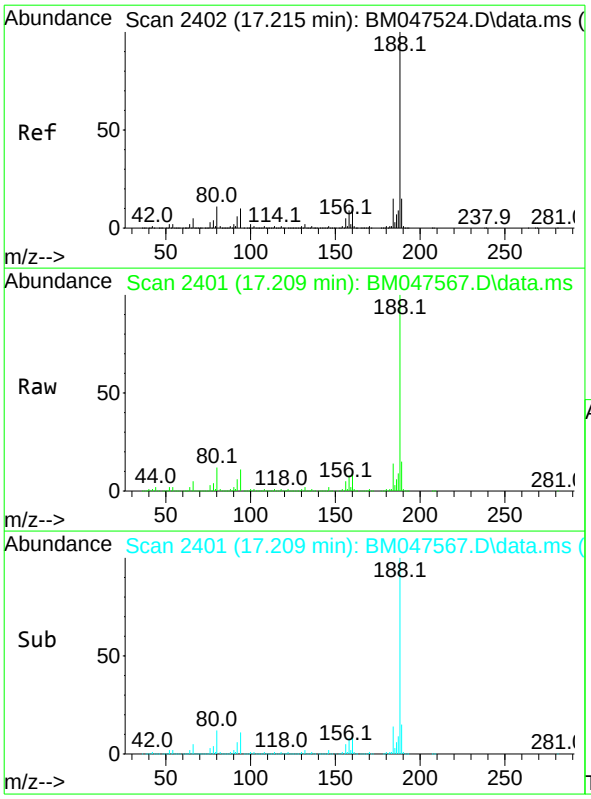


#45
2-Fluorobiphenyl
Concen: 76.653 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:172 Resp: 3670972

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.0	19.4	29.0



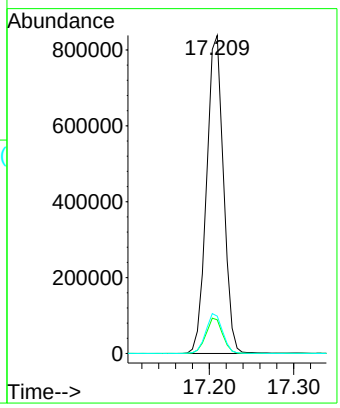


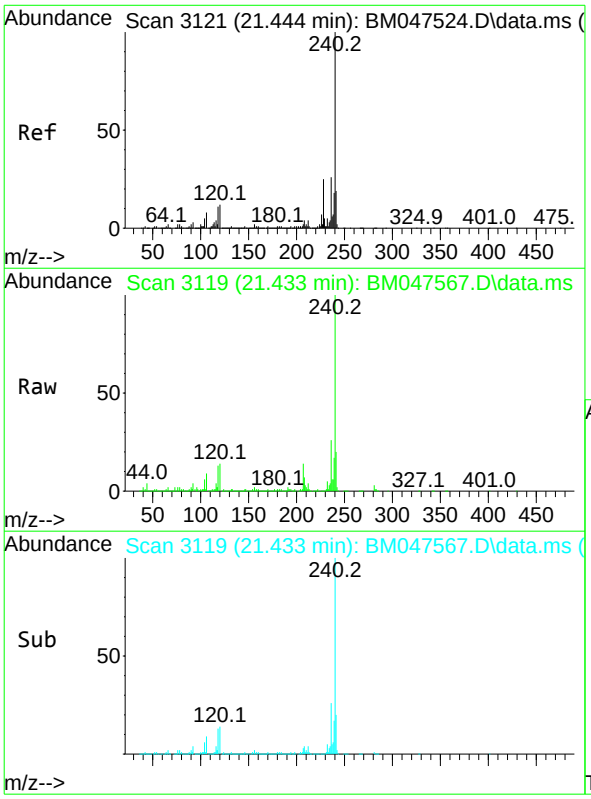
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:188 Resp: 1165231

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.7	9.1	13.7

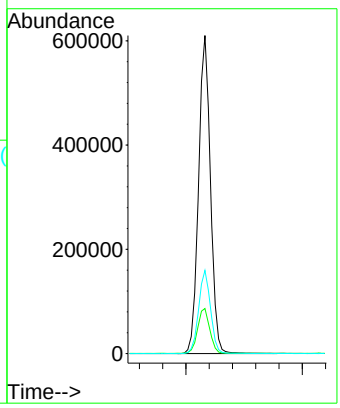


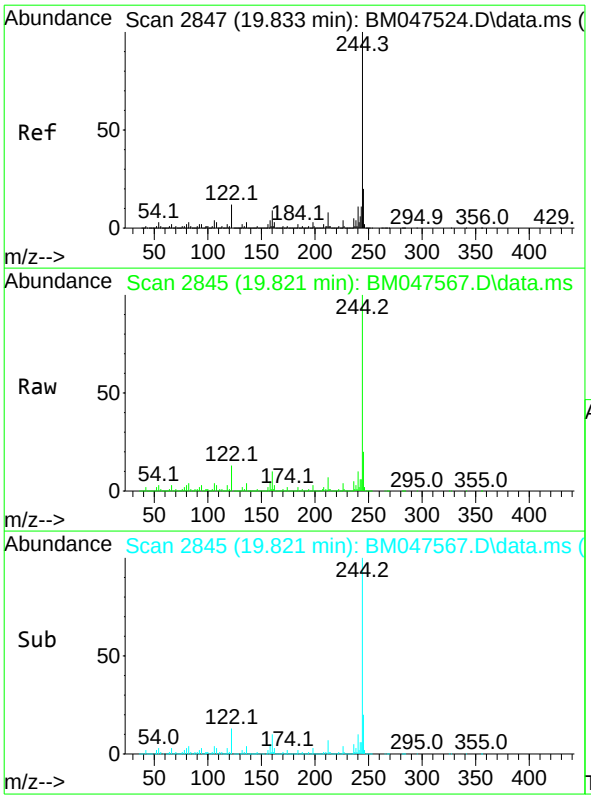


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:240 Resp: 864552

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.6	14.4
236	26.2	20.9	31.3



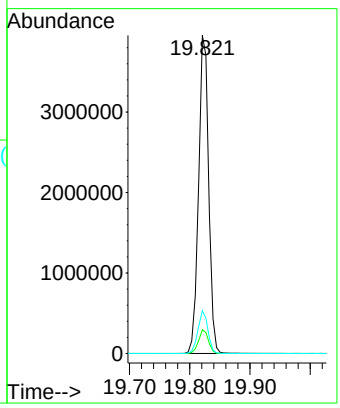


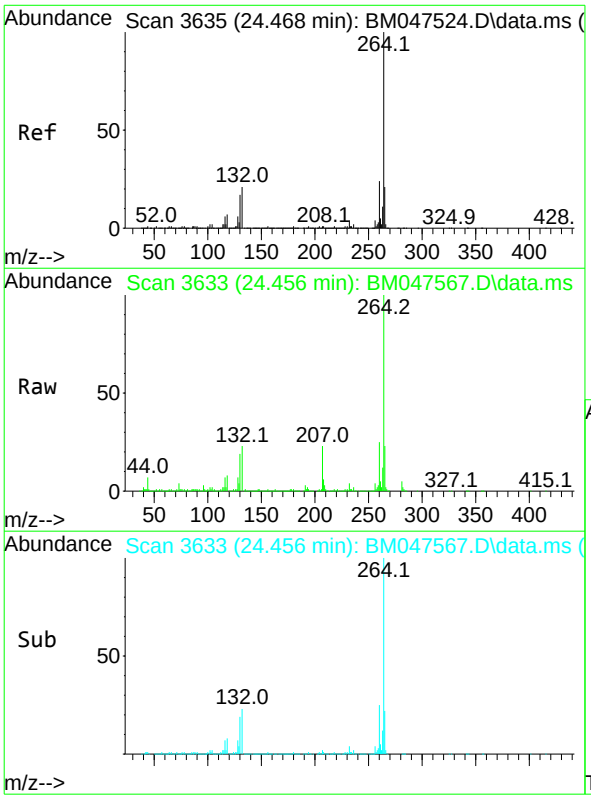
#79
Terphenyl-d14
Concen: 95.092 ng
RT: 19.821 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:244 Resp: 4587860

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.5	9.6	14.4

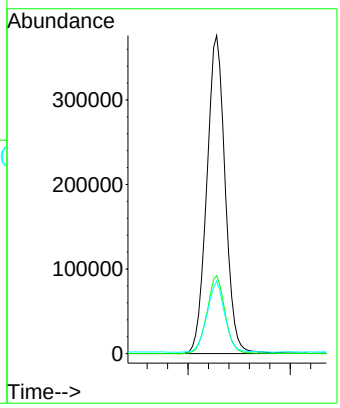




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:264 Resp: 939242

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.8	17.4	26.2



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163318BS	SDG No.:	P3845
Lab Sample ID:	PB163318BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM047568.D	1	09/12/24 08:40	09/19/24 13:15	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	46.2		0.93	5.00	ug/L
95-57-8	2-Chlorophenol	45.3		0.71	5.00	ug/L
95-48-7	2-Methylphenol	44.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.20	10.0	ug/L
88-75-5	2-Nitrophenol	50.1		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	57.0		1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.6		0.88	5.00	ug/L
65-85-0	Benzoic acid	42.6		5.50	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.9		0.84	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	49.2		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.7		1.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	82.7	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.9		3.10	10.0	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	156		10 - 139	104%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000	7.839			
1146-65-2	Naphthalene-d8	1200000	10.639			
15067-26-2	Acenaphthene-d10	615000	14.474			
1517-22-2	Phenanthrene-d10	1070000	17.209			
1719-03-5	Chrysene-d12	845000	21.433			
1520-96-3	Perylene-d12	809000	24.456			

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	NJ Waste Water PT			Date Received:	
Client Sample ID:	PB163318BS			SDG No.:	P3845
Lab Sample ID:	PB163318BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BM047568.D	1	09/12/24 08:40	09/19/24 13:15	PB163318

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_M\Data\BM091924\
Data File : BM047568.D
Acq On : 19 Sep 2024 13:15
Operator : RC/JU
Sample : PB163318BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 13:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	304822	20.000	ng		-0.01
21) Naphthalene-d8	10.639	136	1201949	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	615193	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1066013	20.000	ng		0.00
76) Chrysene-d12	21.433	240	844898	20.000	ng		-0.01
86) Perylene-d12	24.456	264	808669	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2977701	155.538	ng		0.00
7) Phenol-d6	7.004	99	3778517	140.148	ng		0.00
23) Nitrobenzene-d5	8.992	82	2308971	96.140	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	846795	142.405	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	4276289	95.753	ng		-0.01
79) Terphenyl-d14	19.821	244	5250065	111.348	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	319087	38.913	ng		99
3) Pyridine	3.710	79	889857	36.457	ng		97
4) n-Nitrosodimethylamine	3.616	42	449033	40.547	ng		92
6) Aniline	7.163	93	1104091	46.192	ng		100
8) 2-Chlorophenol	7.404	128	956923	45.342	ng		99
9) Benzaldehyde	6.975	77	225755	17.610	ng		99
10) Phenol	7.028	94	1246324	46.168	ng		99
11) bis(2-Chloroethyl)ether	7.263	93	957527	44.181	ng		99
12) 1,3-Dichlorobenzene	7.734	146	986124	42.689	ng		97
13) 1,4-Dichlorobenzene	7.881	146	1008844	42.877	ng		99
14) 1,2-Dichlorobenzene	8.192	146	956357	41.302	ng		99
15) Benzyl Alcohol	8.075	79	832704	45.596	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1308822	42.931	ng		98
17) 2-Methylphenol	8.281	107	767865	44.525	ng		98
18) Hexachloroethane	8.928	117	413357	43.978	ng		95
19) n-Nitroso-di-n-propyla...	8.645	70	750456	41.284	ng		97
20) 3+4-Methylphenols	8.604	107	1051801	43.710	ng		99
22) Acetophenone	8.663	105	1406407	44.507	ng	#	98
24) Nitrobenzene	9.039	77	1087814	44.079	ng		99
25) Isophorone	9.569	82	1883754	44.615	ng		99
26) 2-Nitrophenol	9.745	139	421154	50.080	ng		99
27) 2,4-Dimethylphenol	9.810	122	727014	57.029	ng		99
28) bis(2-Chloroethoxy)met...	10.045	93	1187038	44.757	ng		99
29) 2,4-Dichlorophenol	10.280	162	755002	46.616	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	756092	40.754	ng		97
31) Naphthalene	10.686	128	2788005	42.949	ng		99
32) Benzoic acid	9.928	122	523714	42.558	ng		99
33) 4-Chloroaniline	10.786	127	664735	28.322	ng		99
34) Hexachlorobutadiene	10.980	225	421556	41.024	ng		99
35) Caprolactam	11.563	113	233945m	43.854	ng		
36) 4-Chloro-3-methylphenol	11.910	107	833110	44.885	ng		97
37) 2-Methylnaphthalene	12.298	142	1830535	42.369	ng		99
38) 1-Methylnaphthalene	12.516	142	1686622	39.283	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	778787	46.783	ng	#	97
41) Hexachlorocyclopentadiene	12.657	237	931901	171.243	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	513517	49.239	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047568.D
Acq On : 19 Sep 2024 13:15
Operator : RC/JU
Sample : PB163318BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 13:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	561526	47.669	ng		99
46) 1,1'-Biphenyl	13.310	154	2181353	45.573	ng		100
47) 2-Chloronaphthalene	13.351	162	1655276	44.537	ng		99
48) 2-Nitroaniline	13.545	65	542727	49.716	ng		98
49) Acenaphthylene	14.192	152	2642771	49.275	ng		99
50) Dimethylphthalate	13.927	163	1922665	45.854	ng		99
51) 2,6-Dinitrotoluene	14.039	165	391098	44.184	ng		92
52) Acenaphthene	14.539	154	1916152m	50.990	ng		
53) 3-Nitroaniline	14.363	138	363030	36.898	ng		97
54) 2,4-Dinitrophenol	14.568	184	418269	82.737	ng		98
55) Dibenzofuran	14.868	168	2348412	44.471	ng		97
56) 4-Nitrophenol	14.674	139	855296	105.644	ng		96
57) 2,4-Dinitrotoluene	14.821	165	541739	45.889	ng		94
58) Fluorene	15.515	166	2064805	43.429	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	426009	46.385	ng		95
60) Diethylphthalate	15.292	149	2017759	45.216	ng		99
61) 4-Chlorophenyl-phenyle...	15.515	204	910211	41.870	ng		97
62) 4-Nitroaniline	15.527	138	505374	43.698	ng		97
63) Azobenzene	15.804	77	2344863	47.721	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	240735	44.884	ng		96
66) n-Nitrosodiphenylamine	15.721	169	1575610	48.315	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	455967	44.020	ng		97
68) Hexachlorobenzene	16.521	284	523759	44.635	ng		98
69) Atrazine	16.674	200	463991	51.477	ng		99
70) Pentachlorophenol	16.857	266	709776	104.346	ng		100
71) Phenanthrene	17.251	178	2739821	46.637	ng		100
72) Anthracene	17.339	178	2777929	49.217	ng		100
73) Carbazole	17.604	167	2587365	46.256	ng		99
74) Di-n-butylphthalate	18.180	149	3345257	49.983	ng		100
75) Fluoranthene	19.256	202	2800166	43.686	ng		97
77) Benzidine	19.439	184	1057298	88.854	ng		99
78) Pyrene	19.621	202	3005093	48.761	ng		100
80) Butylbenzylphthalate	20.515	149	1341786	56.558	ng		96
81) Benzo(a)anthracene	21.415	228	2677135	48.613	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	737815	50.365	ng		98
83) Chrysene	21.474	228	2522781	48.432	ng		99
84) Bis(2-ethylhexyl)phtha...	21.344	149	2065319	55.572	ng	#	98
85) Di-n-octyl phthalate	22.491	149	3210329	61.068	ng		98
87) Indeno(1,2,3-cd)pyrene	27.879	276	3081058	63.665	ng		99
88) Benzo(b)fluoranthene	23.503	252	2436128	46.560	ng		98
89) Benzo(k)fluoranthene	23.562	252	2478620	47.799	ng		98
90) Benzo(a)pyrene	24.315	252	2289428	53.387	ng		99
91) Dibenzo(a,h)anthracene	27.944	278	2538011	62.334	ng		99
92) Benzo(g,h,i)perylene	28.944	276	2345773	58.978	ng		98

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

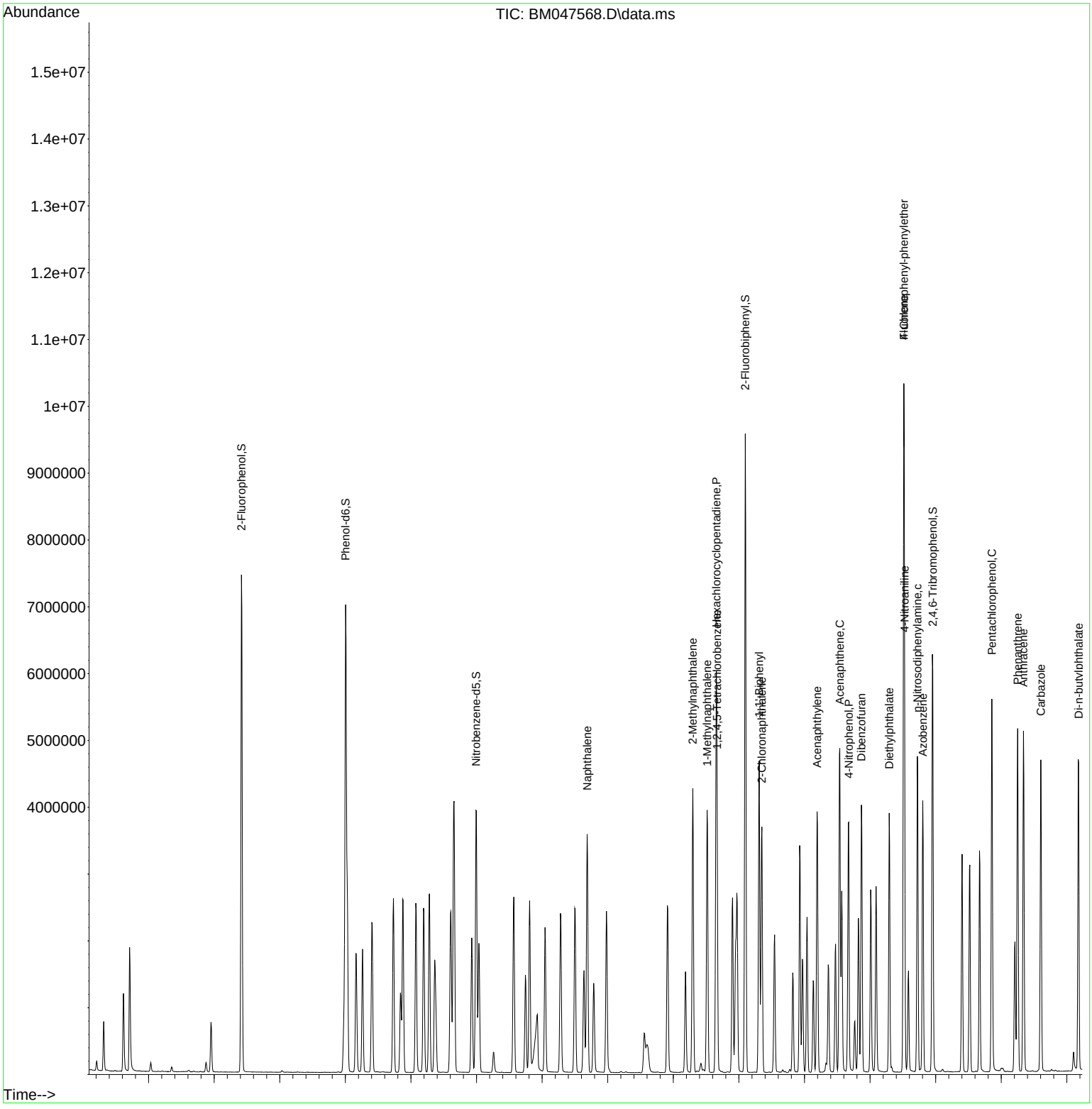
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047568.D
Acq On : 19 Sep 2024 13:15
Operator : RC/JU
Sample : PB163318BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 13:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



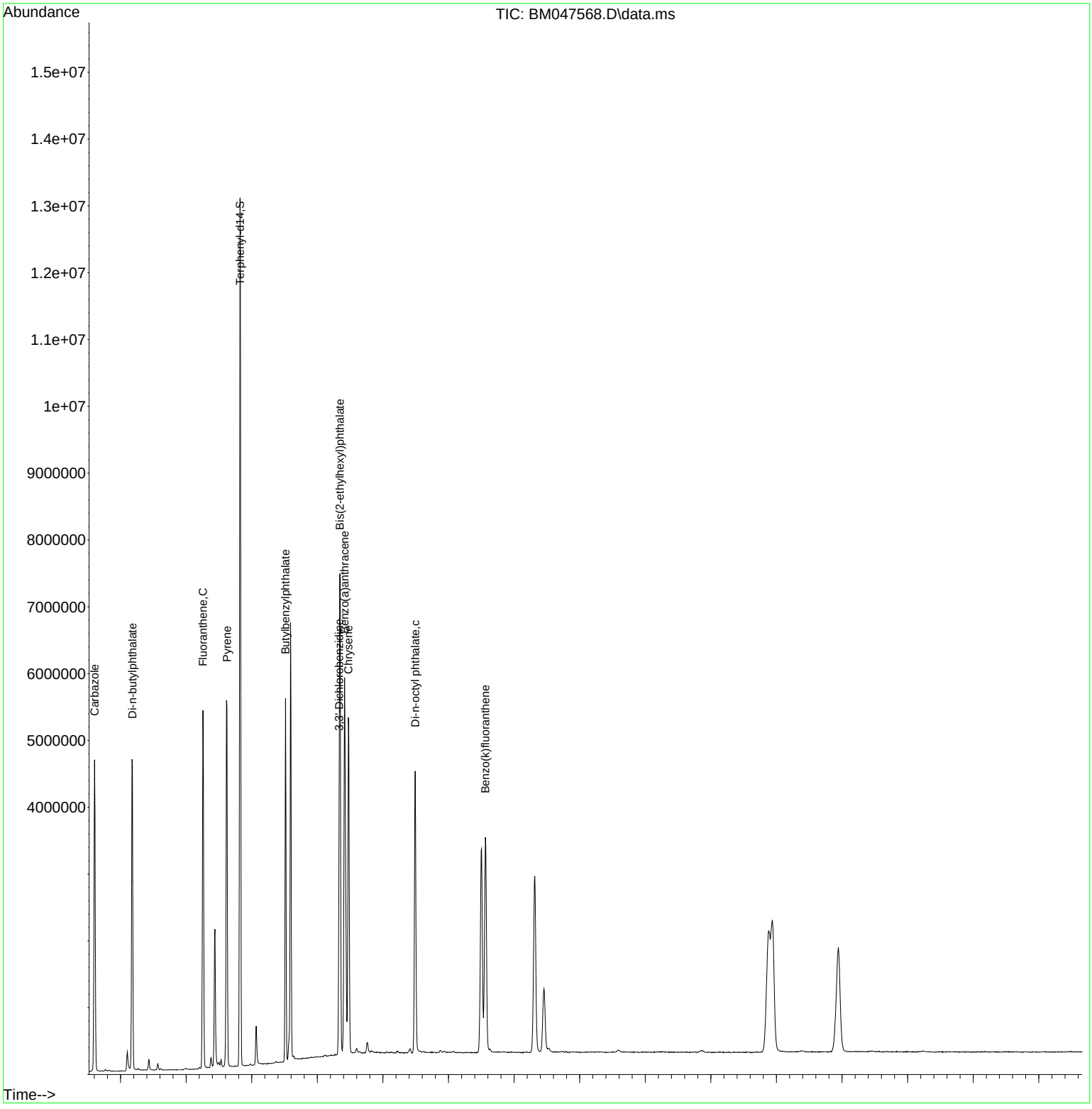
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047568.D
Acq On : 19 Sep 2024 13:15
Operator : RC/JU
Sample : PB163318BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

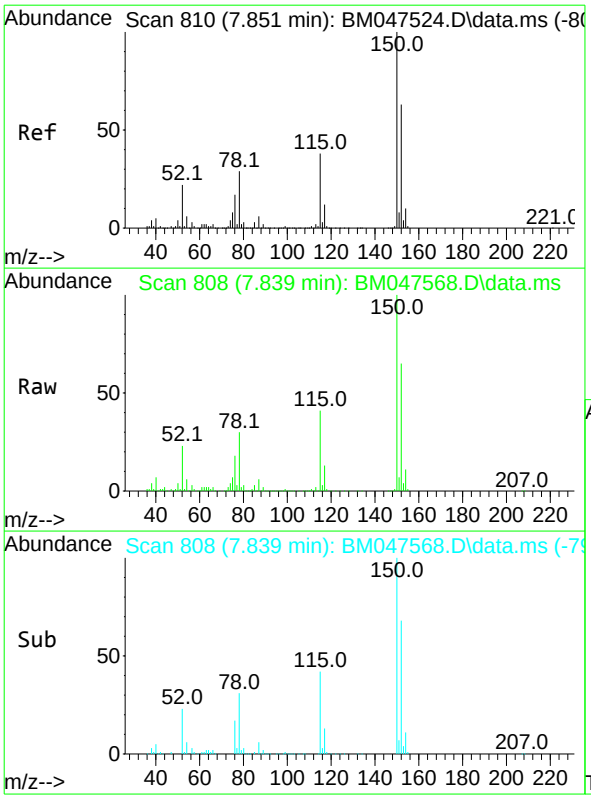
Quant Time: Sep 19 13:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

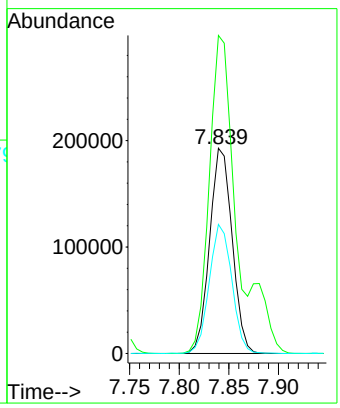




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:152 Resp: 304822

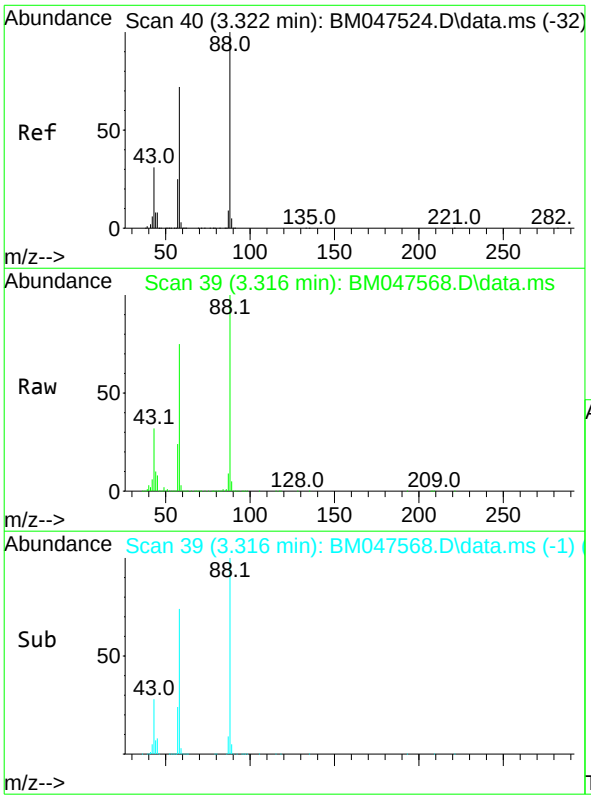
Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.8	190.2
115	62.9	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

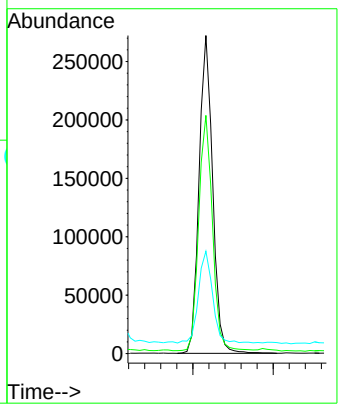
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

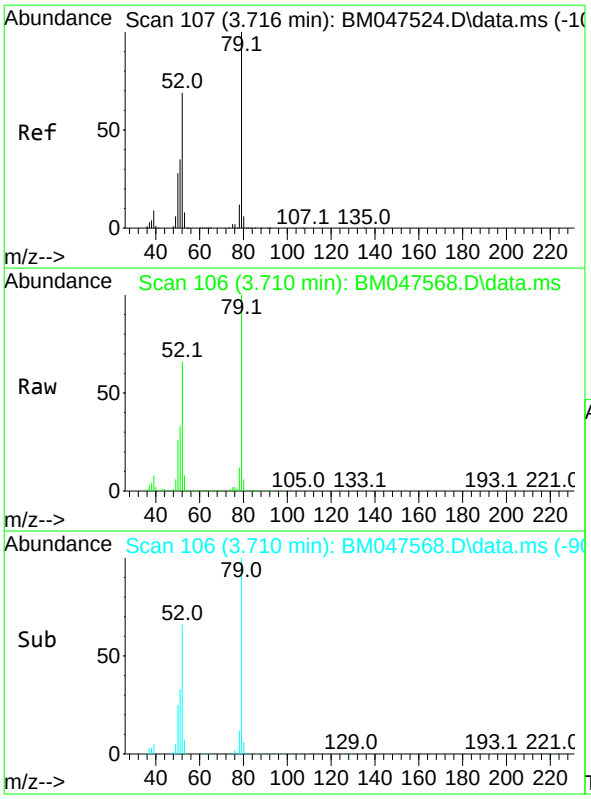


#2
1,4-Dioxane
Concen: 38.913 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 88 Resp: 319087

Ion	Ratio	Lower	Upper
88	100		
58	74.7	59.0	88.6
43	30.0	25.0	37.4

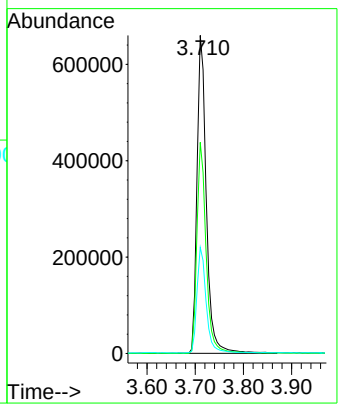




#3
Pyridine
Concen: 36.457 ng
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 79 Resp: 889857

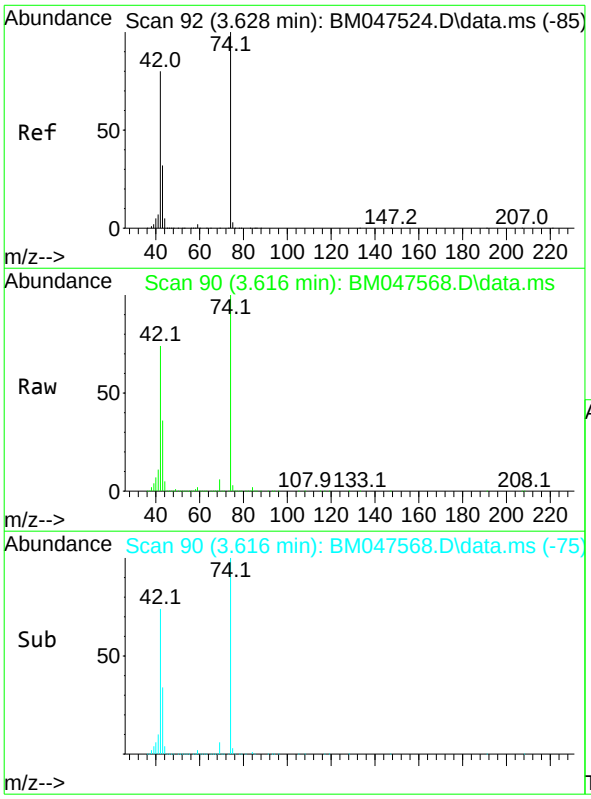
Ion	Ratio	Lower	Upper
79	100		
52	66.4	55.4	83.0
51	33.4	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

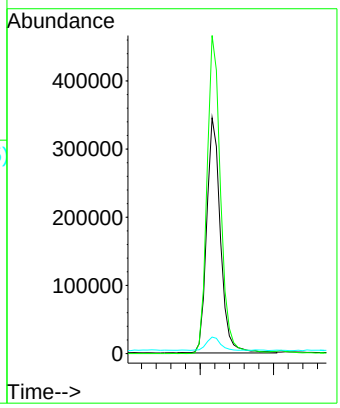
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

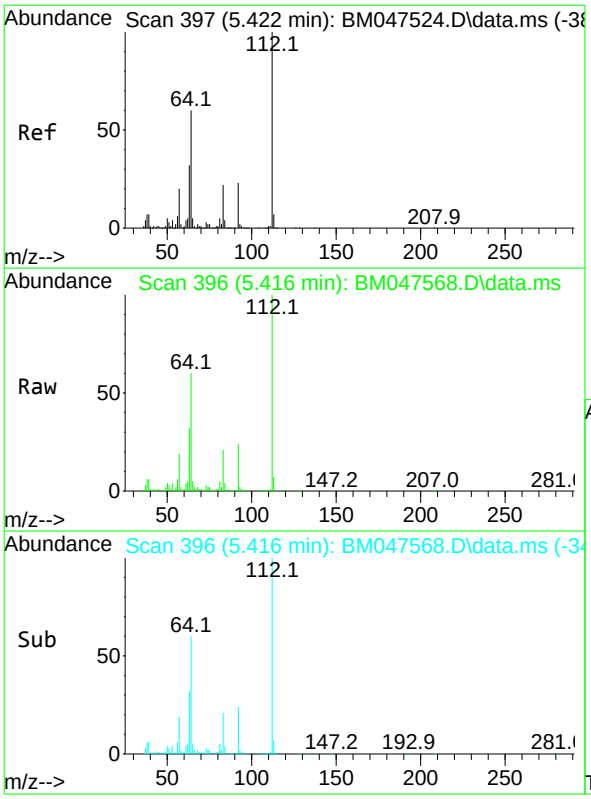


#4
n-Nitrosodimethylamine
Concen: 40.547 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 42 Resp: 449033

Ion	Ratio	Lower	Upper
42	100		
74	134.9	100.5	150.7
44	7.0	6.9	10.3

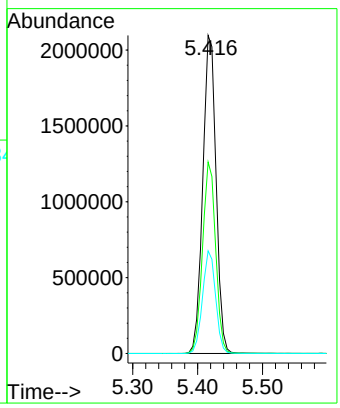




#5
2-Fluorophenol
Concen: 155.538 ng
RT: 5.416 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:112 Resp: 2977701

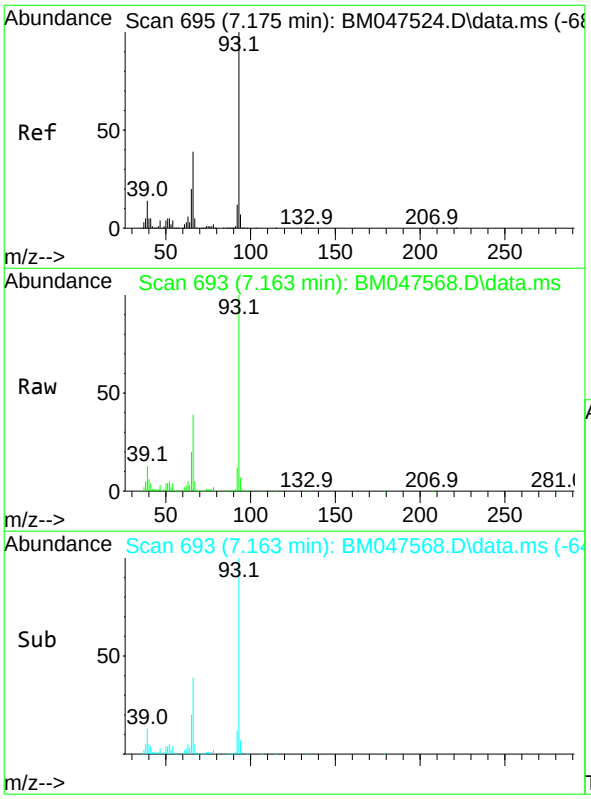
Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.2	72.4
63	32.3	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

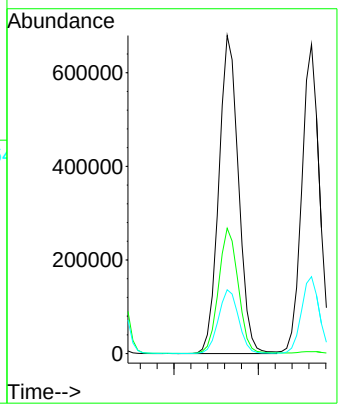
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

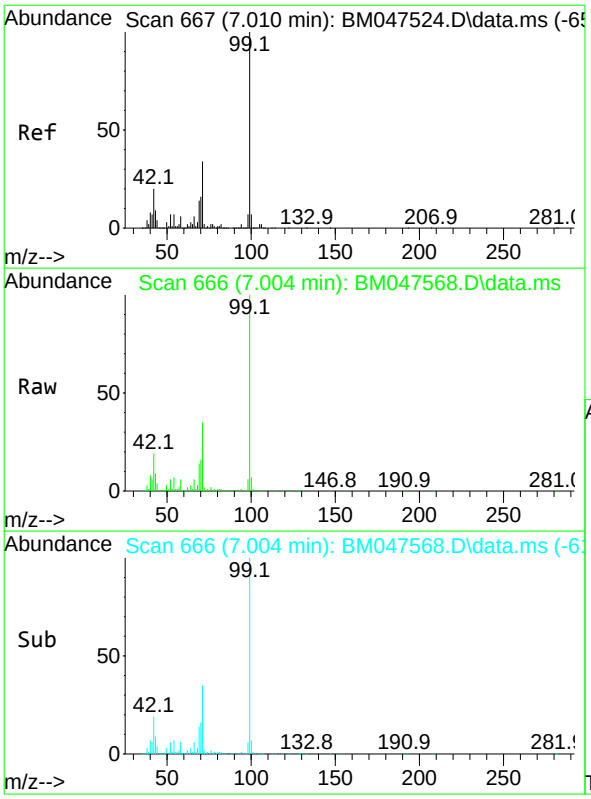


#6
Aniline
Concen: 46.192 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 93 Resp: 1104091

Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.4	47.0
65	20.1	16.3	24.5

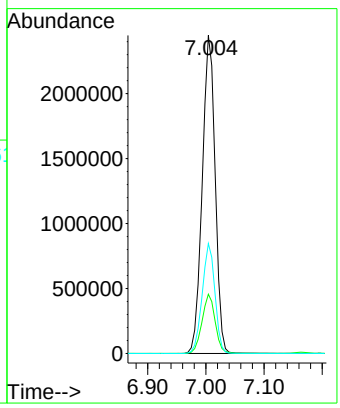




#7
Phenol-d6
Concen: 140.148 ng
RT: 7.004 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 99 Resp: 3778517

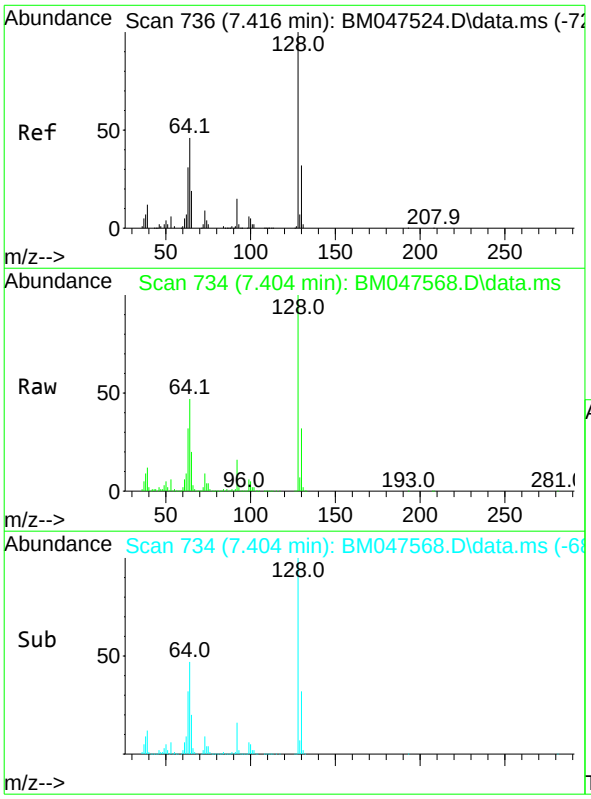
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.8
71	34.6	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

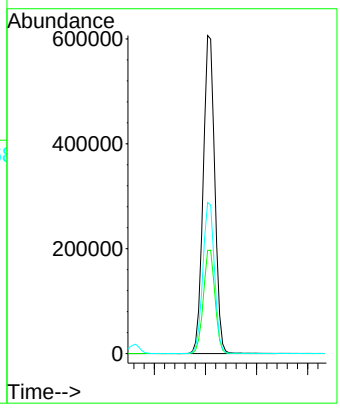
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

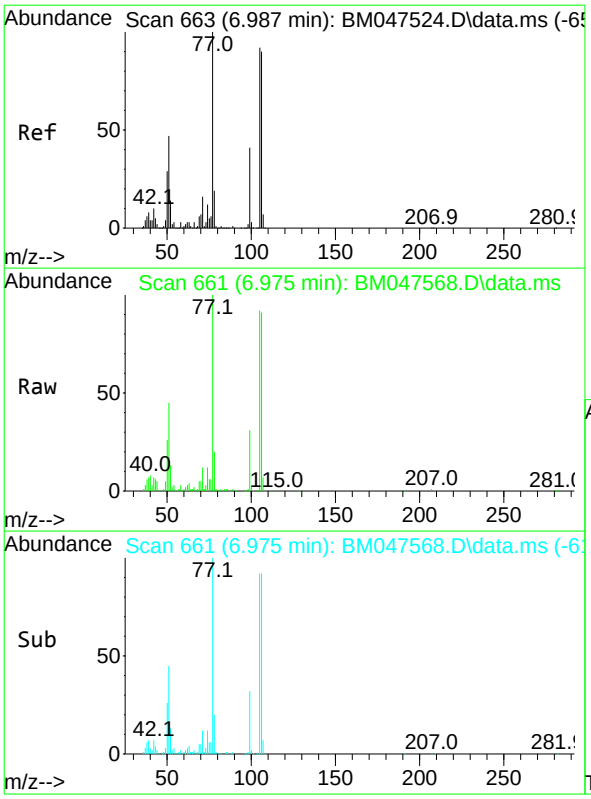


#8
2-Chlorophenol
Concen: 45.342 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:128 Resp: 956923

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.8	51.8
64	47.5	27.6	67.6

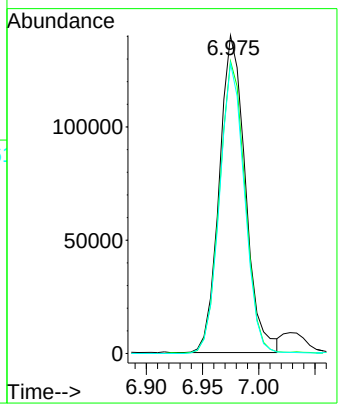




#9
Benzaldehyde
Concen: 17.610 ng
RT: 6.975 min Scan# 66
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 77 Resp: 225755

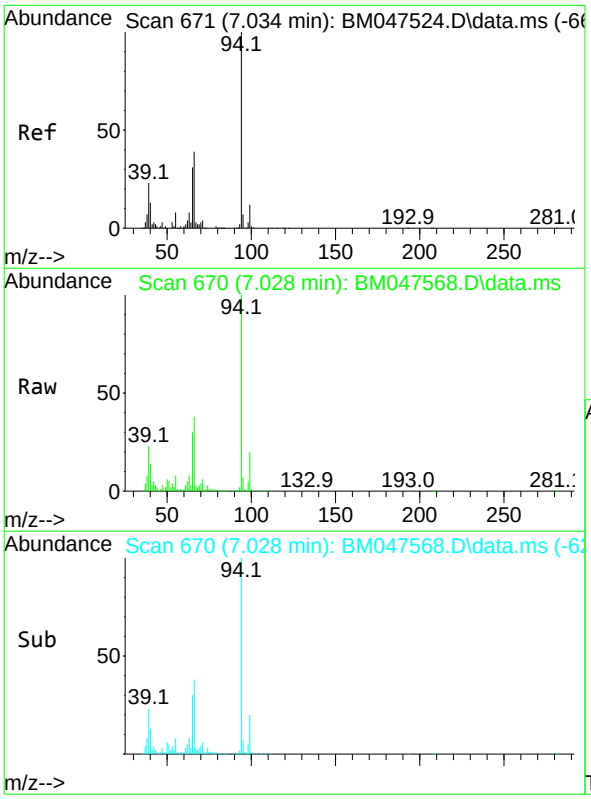
Ion	Ratio	Lower	Upper
77	100		
105	91.9	71.8	111.8
106	91.3	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

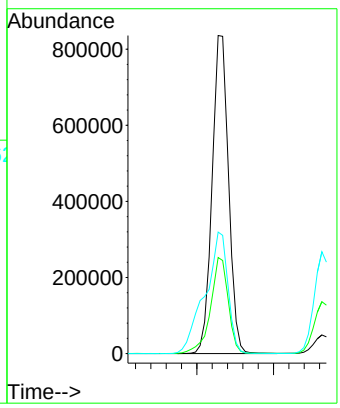
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

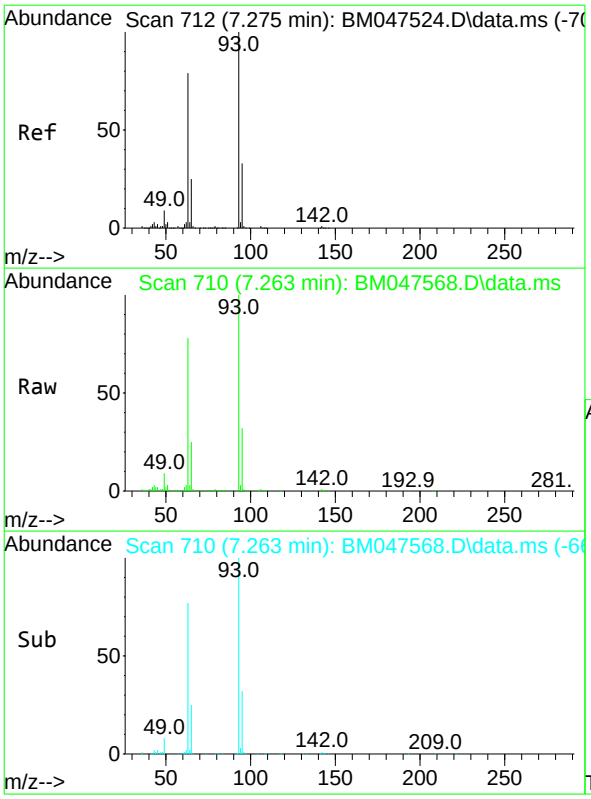


#10
Phenol
Concen: 46.168 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 94 Resp: 1246324

Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.8	50.8
66	38.2	19.2	59.2

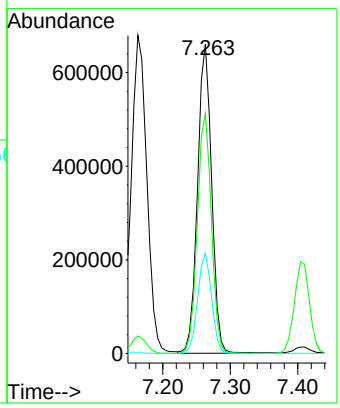




#11
bis(2-Chloroethyl)ether
Concen: 44.181 ng
RT: 7.263 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 93 Resp: 957527

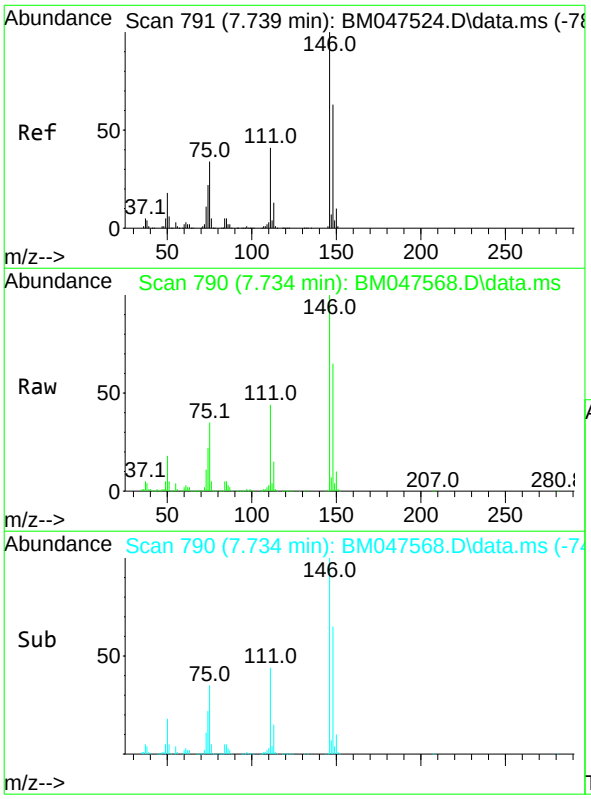
Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.2	98.2
95	32.4	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

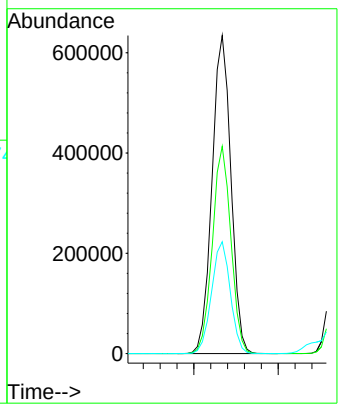
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

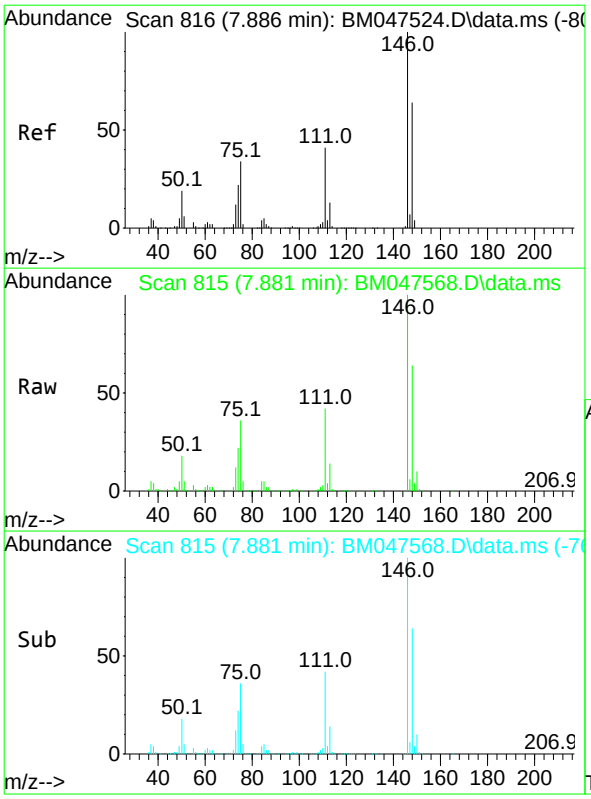


#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:146 Resp: 986124

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.2	75.4
75	35.2	27.4	41.0

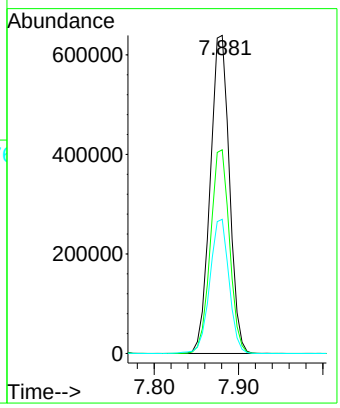




#13
1,4-Dichlorobenzene
Concen: 42.877 ng
RT: 7.881 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:146 Resp: 1008844

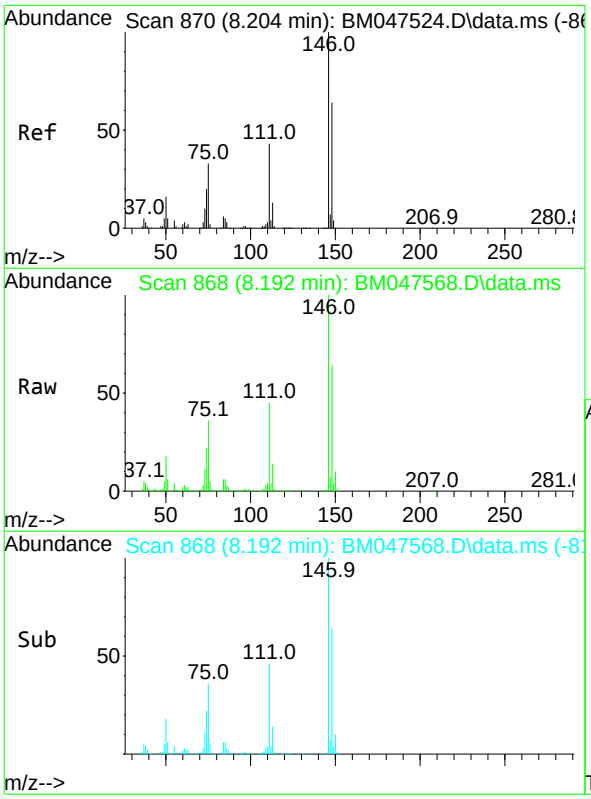
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	42.2	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

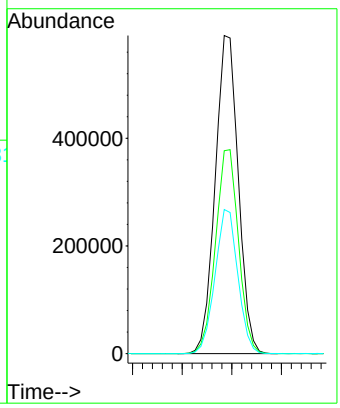
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

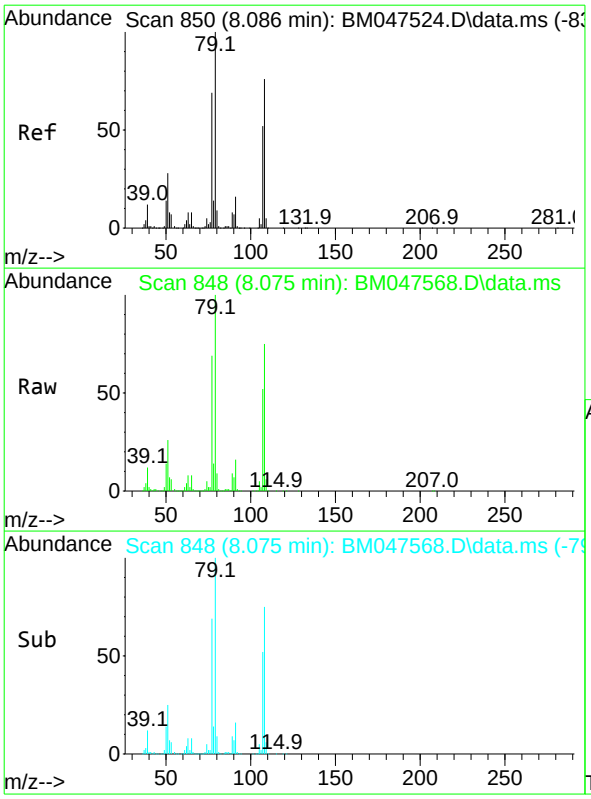


#14
1,2-Dichlorobenzene
Concen: 41.302 ng
RT: 8.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:146 Resp: 956357

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	45.3	34.7	52.1

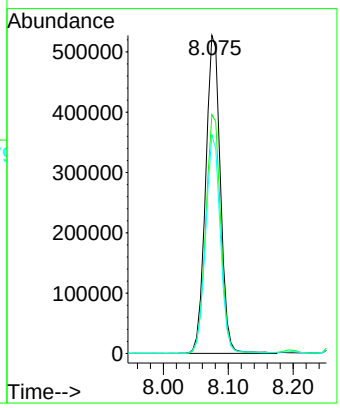




#15
Benzyl Alcohol
Concen: 45.596 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 79 Resp: 832704

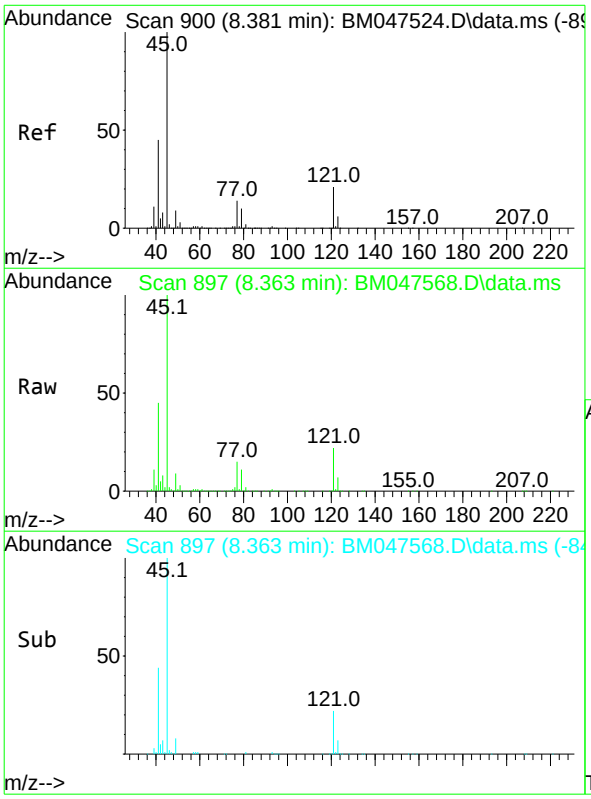
Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.6	91.0
77	68.7	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

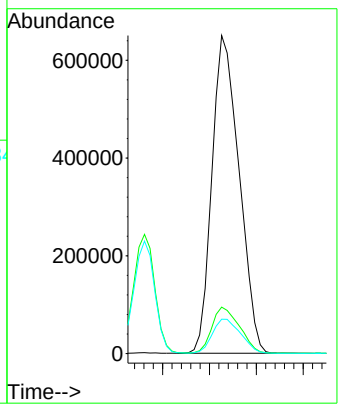
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

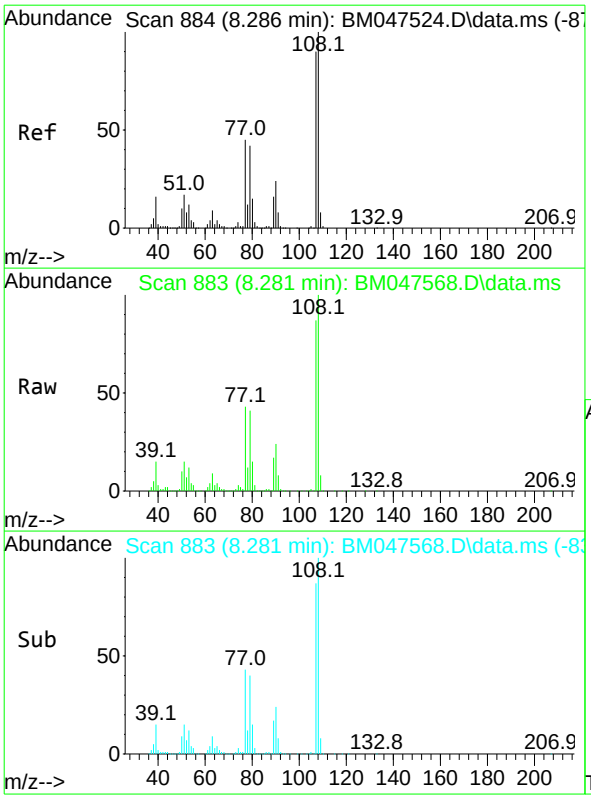


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.931 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 45 Resp: 1308822

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.7
79	10.8	0.0	30.3

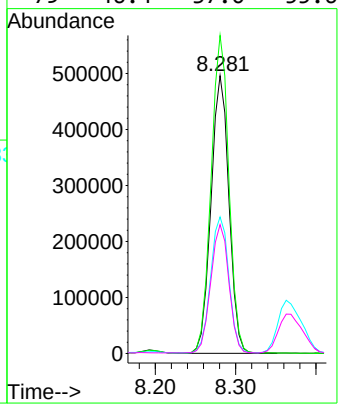




#17
2-Methylphenol
Concen: 44.525 ng
RT: 8.281 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

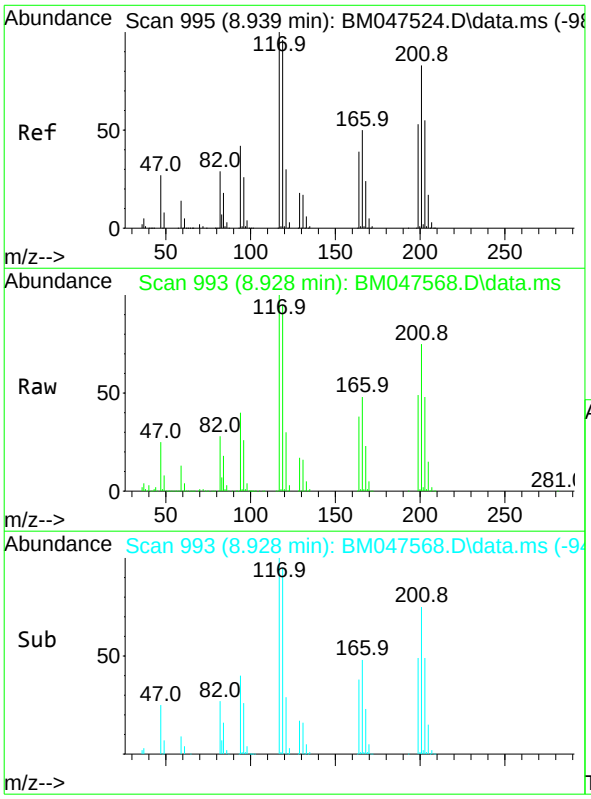
Tgt Ion:107 Resp: 767865

Ion	Ratio	Lower	Upper
107	100		
108	114.5	88.9	133.3
77	49.2	39.8	59.8
79	46.4	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

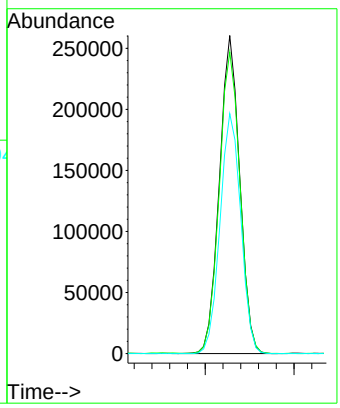
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

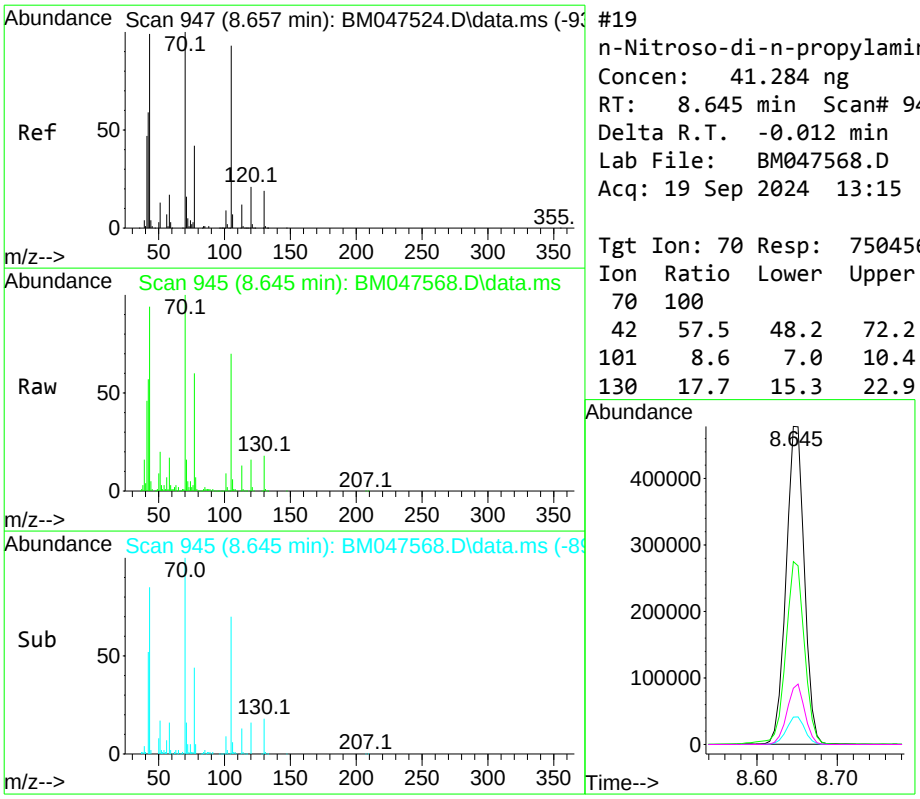


#18
Hexachloroethane
Concen: 43.978 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:117 Resp: 413357

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.4
201	75.4	66.8	100.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.284 ng
RT: 8.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

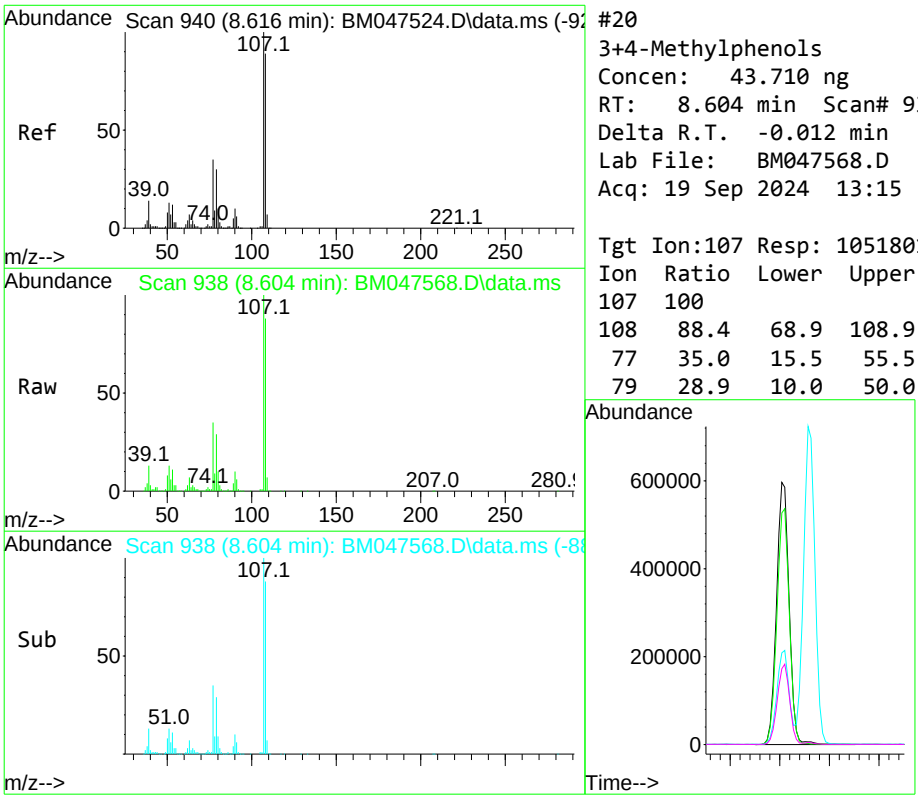
Tgt Ion: 70 Resp: 750456

Ion	Ratio	Lower	Upper
70	100		
42	57.5	48.2	72.2
101	8.6	7.0	10.4
130	17.7	15.3	22.9

Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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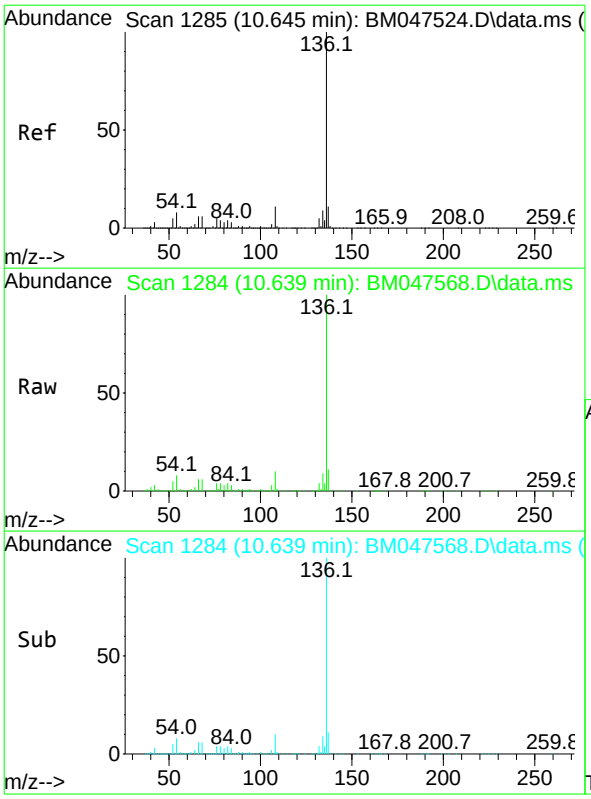
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 43.710 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:107 Resp: 1051801

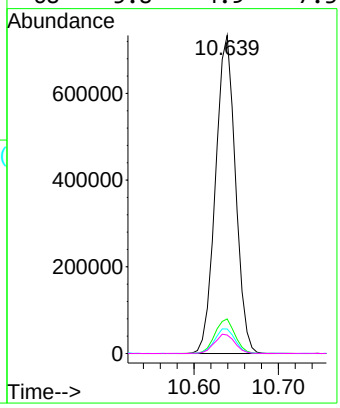
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.9	108.9
77	35.0	15.5	55.5
79	28.9	10.0	50.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:136 Resp: 1201949

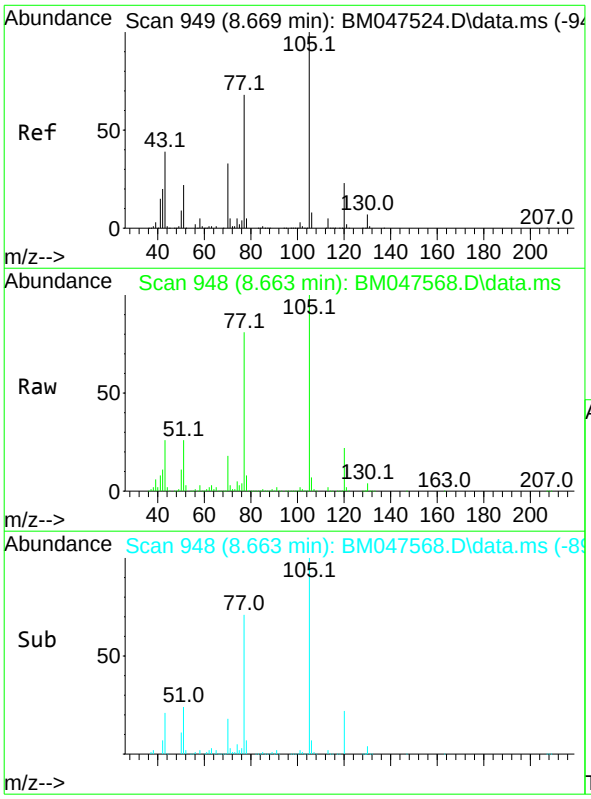
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.7	6.6	9.8
68	5.8	4.9	7.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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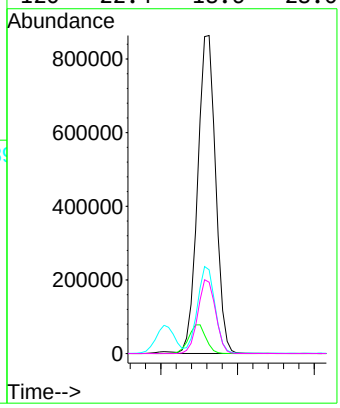
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

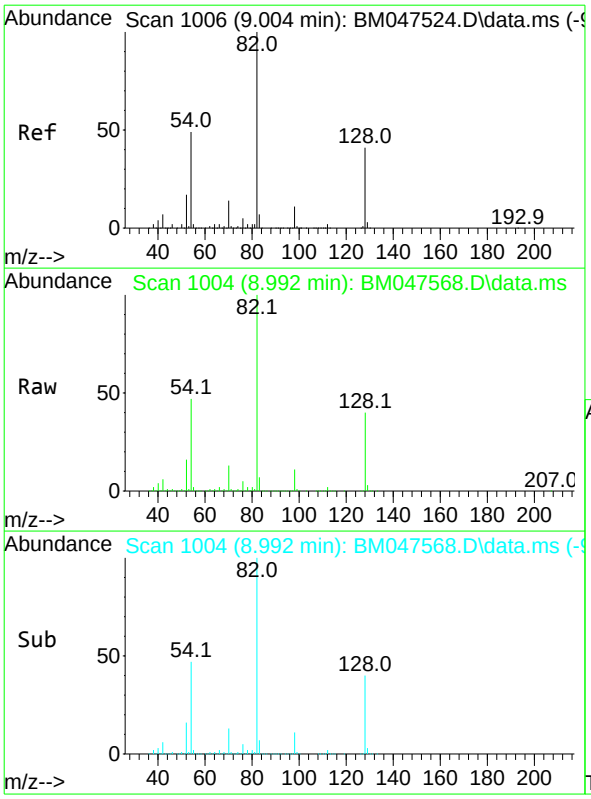


#22
Acetophenone
Concen: 44.507 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:105 Resp: 1406407

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.3	6.5#
51	26.3	21.5	32.3
120	22.4	18.6	28.0





#23
Nitrobenzene-d5
Concen: 96.140 ng
RT: 8.992 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

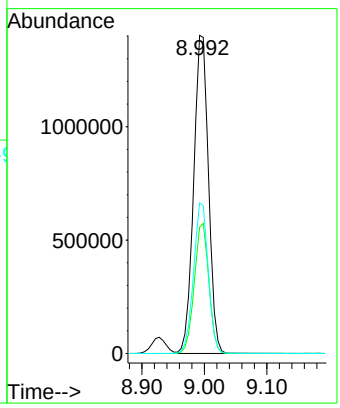
Tgt Ion: 82 Resp: 2308971

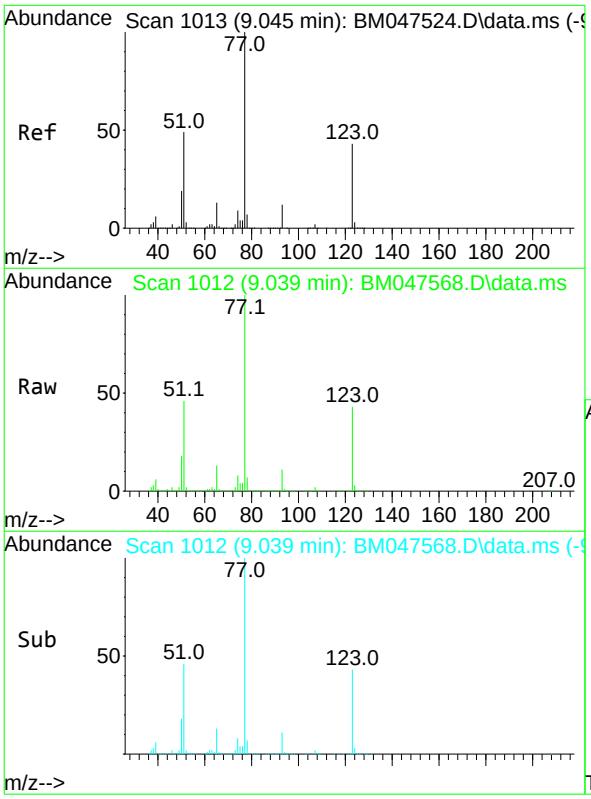
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	47.4	39.3	58.9

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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Reviewed By :Jagrut Upadhyay 09/20/2024
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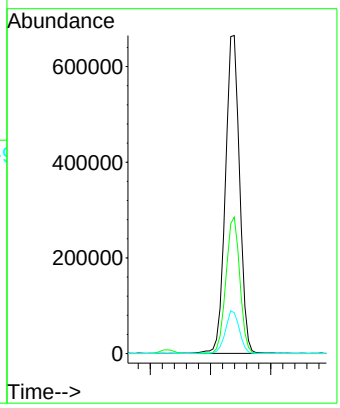


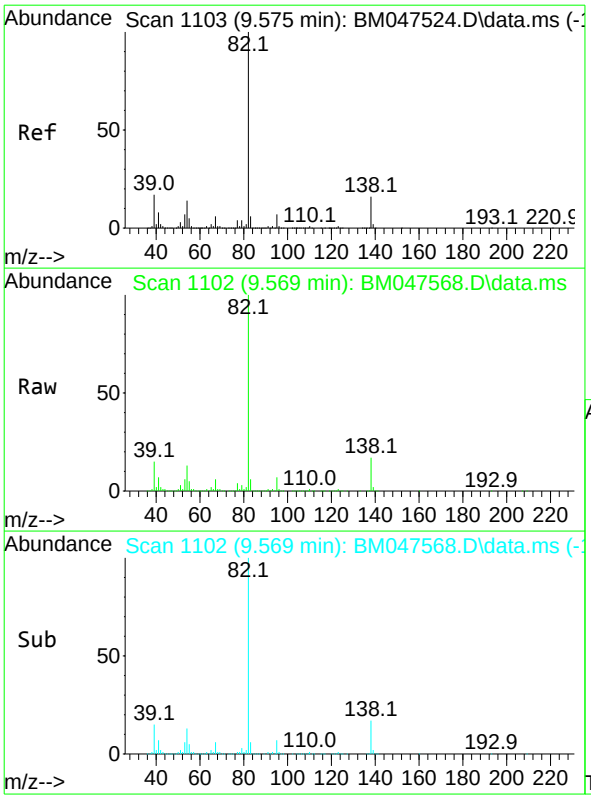


#24
Nitrobenzene
Concen: 44.079 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 77 Resp: 1087814

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.5	51.7
65	12.8	10.7	16.1

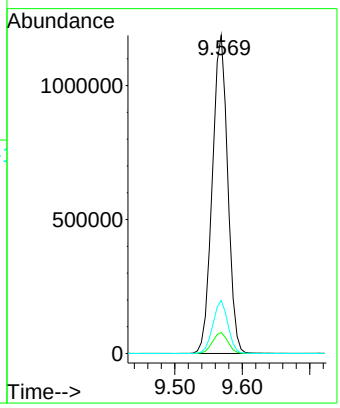




#25
Isophorone
Concen: 44.615 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 82 Resp: 1883754

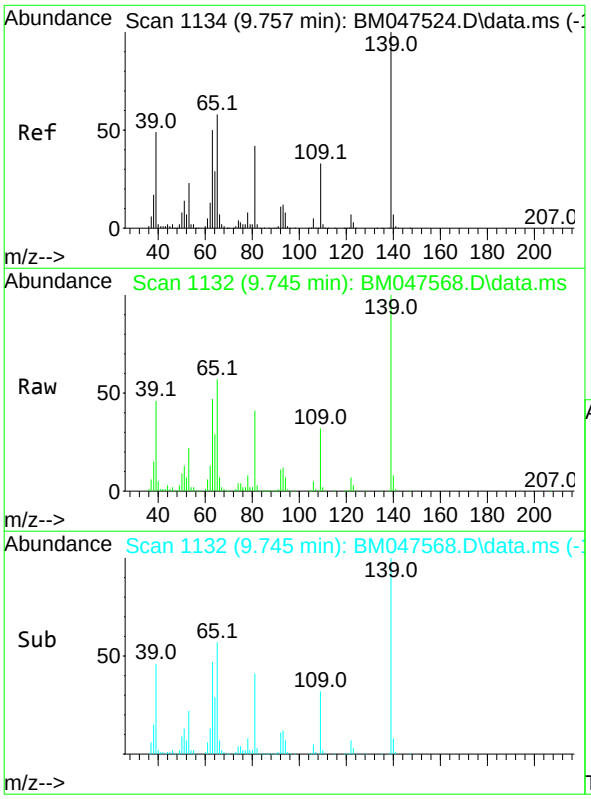
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	16.7	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

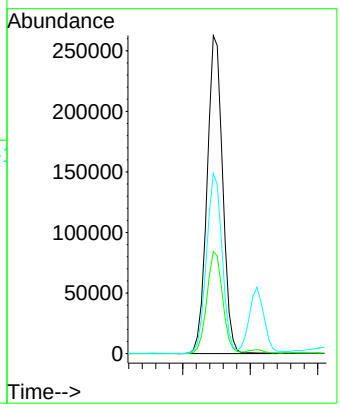
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

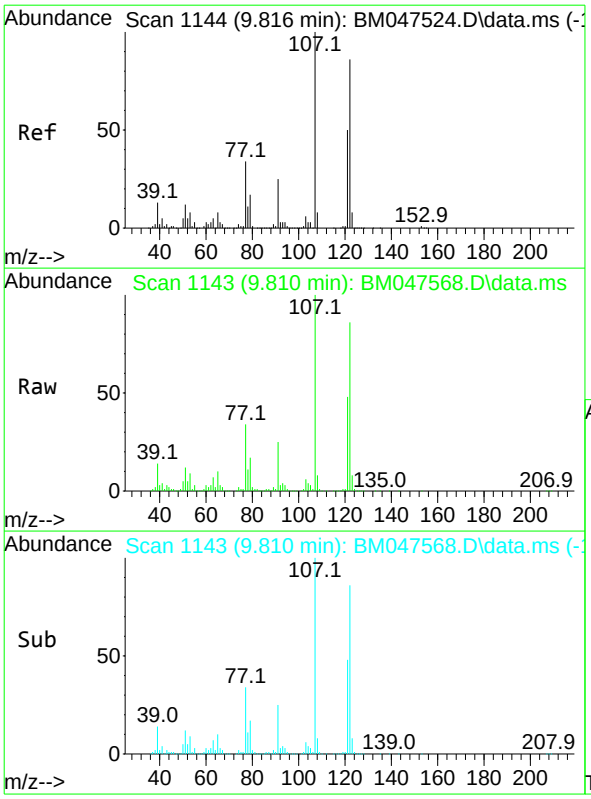


#26
2-Nitrophenol
Concen: 50.080 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:139 Resp: 421154

Ion	Ratio	Lower	Upper
139	100		
109	32.1	26.0	39.0
65	56.6	46.2	69.4

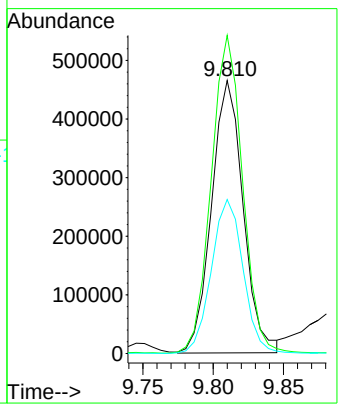




#27
2,4-Dimethylphenol
Concen: 57.029 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:122 Resp: 727014

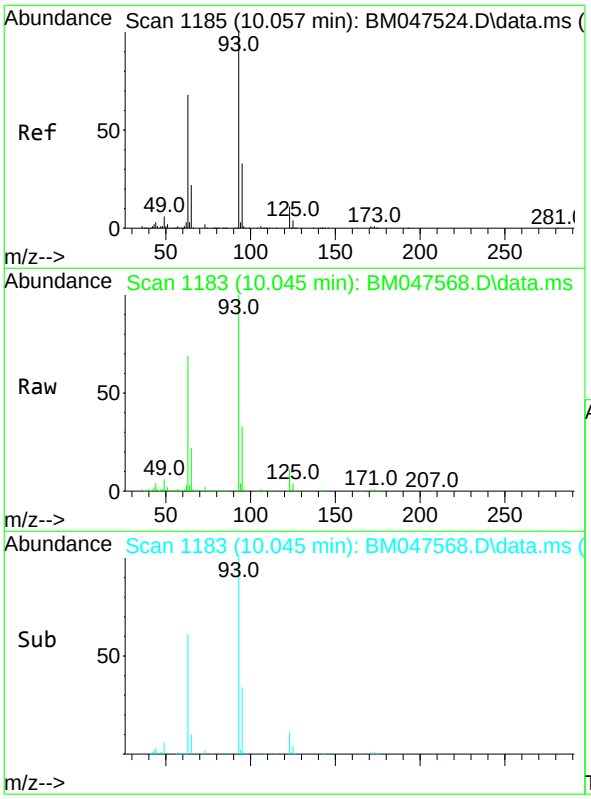
Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.4	138.6
121	56.4	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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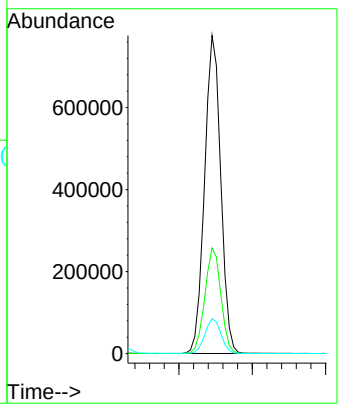
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

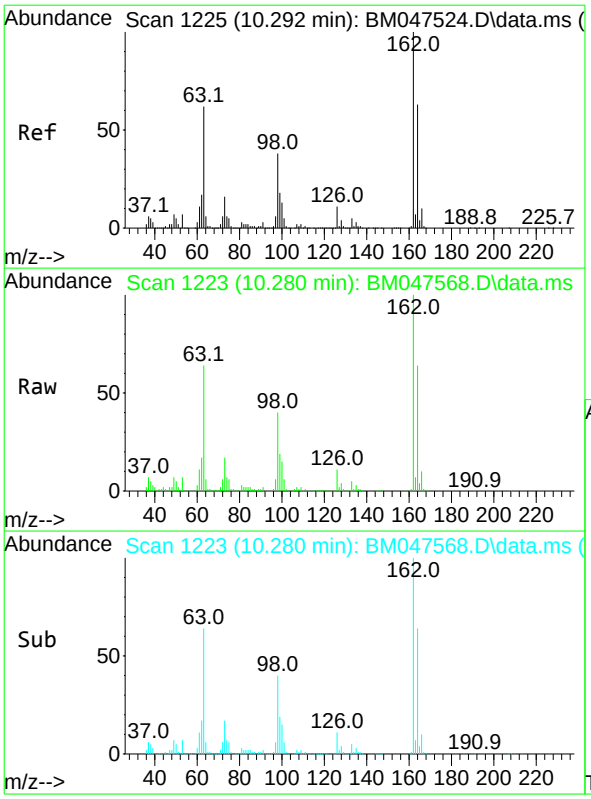


#28
bis(2-Chloroethoxy)methane
Concen: 44.757 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 93 Resp: 1187038

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.2
123	11.0	9.2	13.8

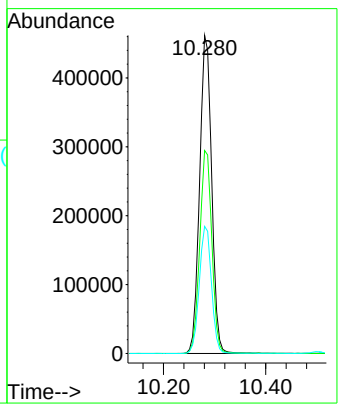




#29
2,4-Dichlorophenol
Concen: 46.616 ng
RT: 10.280 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:162 Resp: 755002

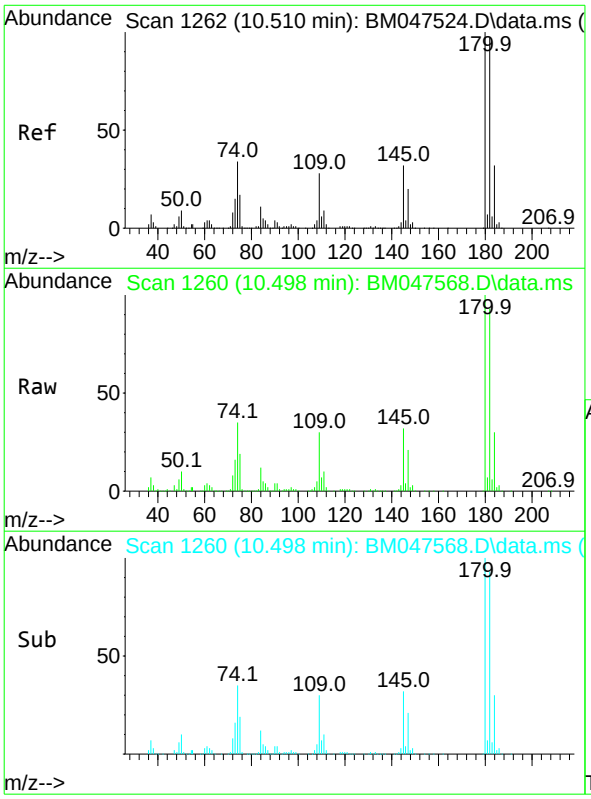
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	40.0	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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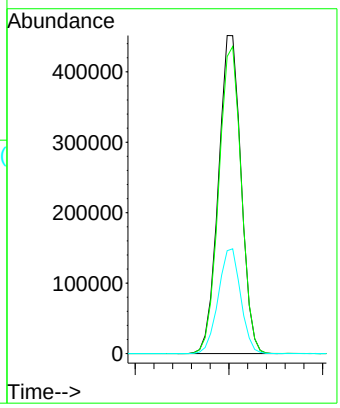
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

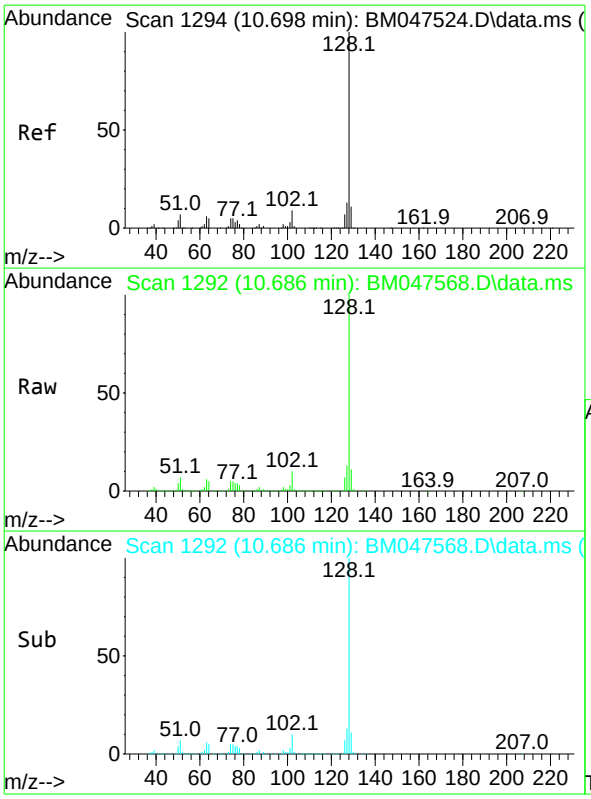


#30
1,2,4-Trichlorobenzene
Concen: 40.754 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:180 Resp: 756092

Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.6	116.4
145	32.3	25.4	38.0





#31
Naphthalene
Concen: 42.949 ng
RT: 10.686 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

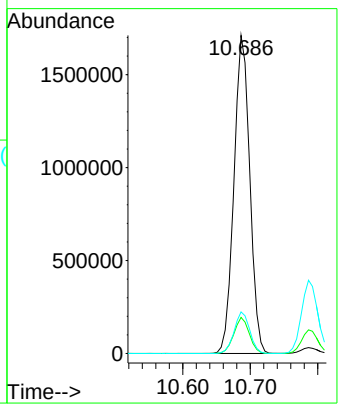
Tgt Ion:128 Resp: 2788005

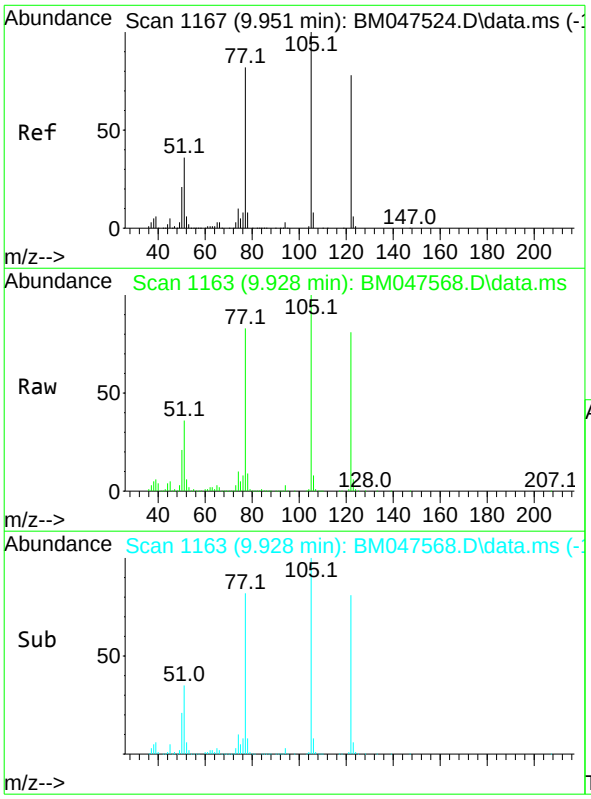
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.1	10.5	15.7

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

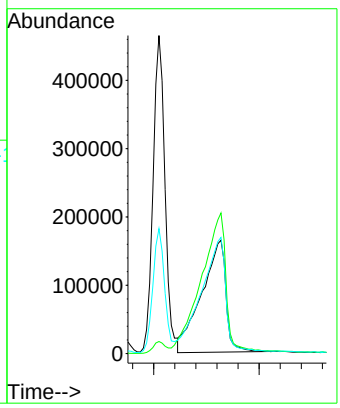


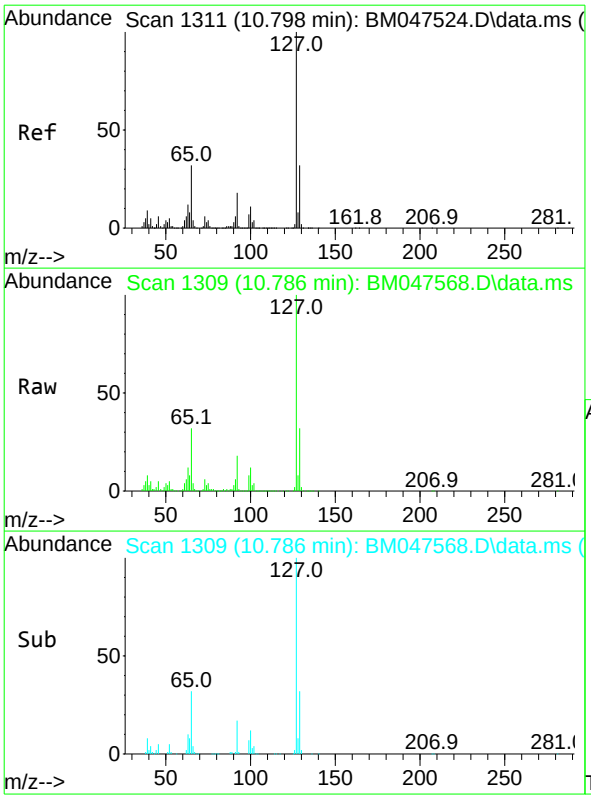


#32
Benzoic acid
Concen: 42.558 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:122 Resp: 523714

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.7	144.7
77	102.5	83.4	123.4





#33
4-Chloroaniline
Concen: 28.322 ng
RT: 10.786 min Scan# 13
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

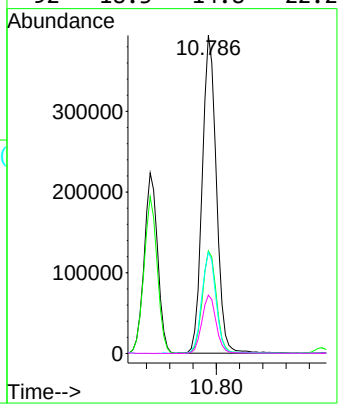
Instrument :
BNA_M
ClientSampleId :
PB163318BS

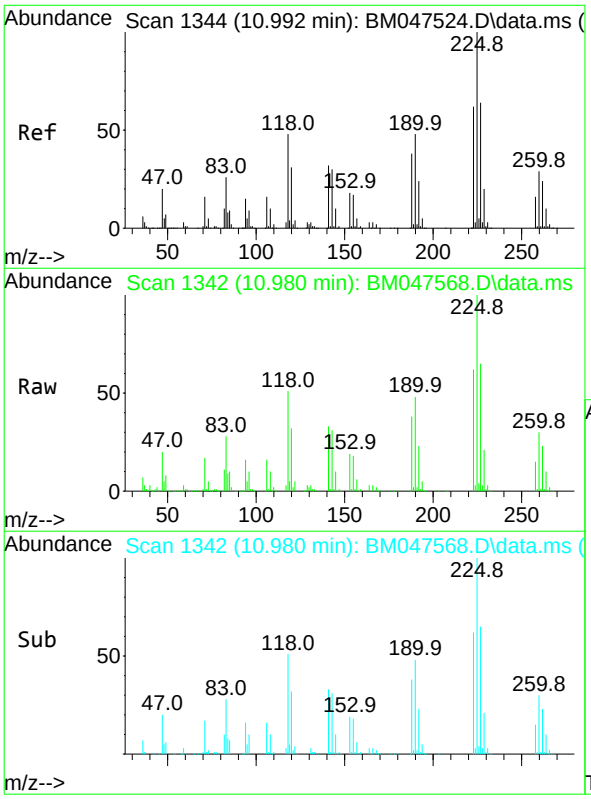
Tgt Ion:127 Resp: 664735

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	31.9	25.5	38.3
92	18.3	14.8	22.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

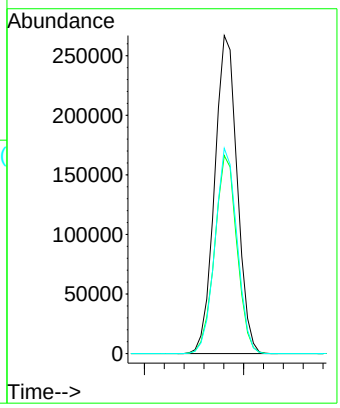


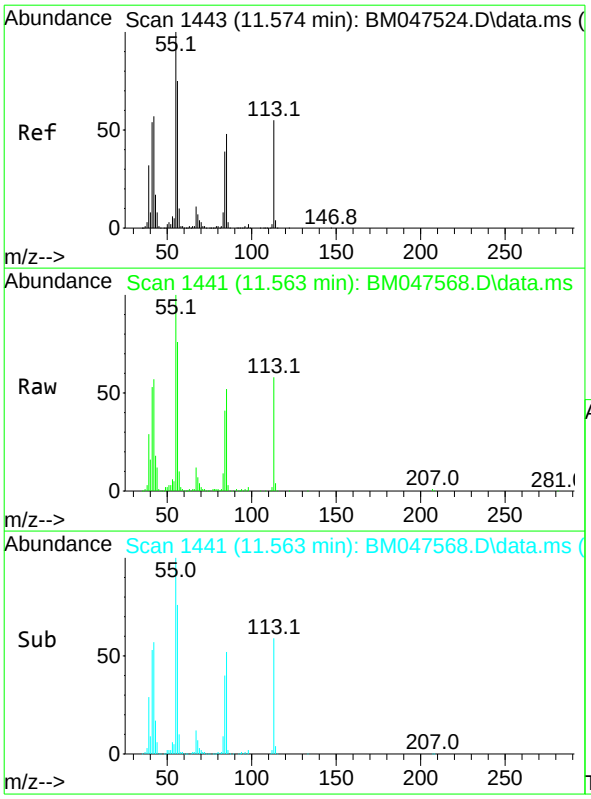


#34
Hexachlorobutadiene
Concen: 41.024 ng
RT: 10.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:225 Resp: 421556

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.6	51.0	76.4

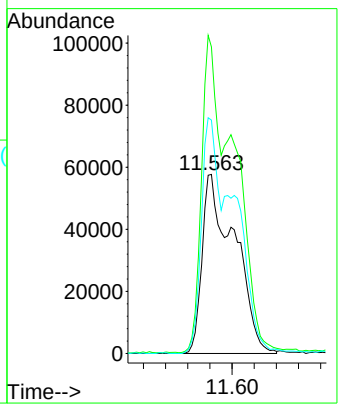




#35
Caprolactam
Concen: 43.854 ng m
RT: 11.563 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:113 Resp: 233945

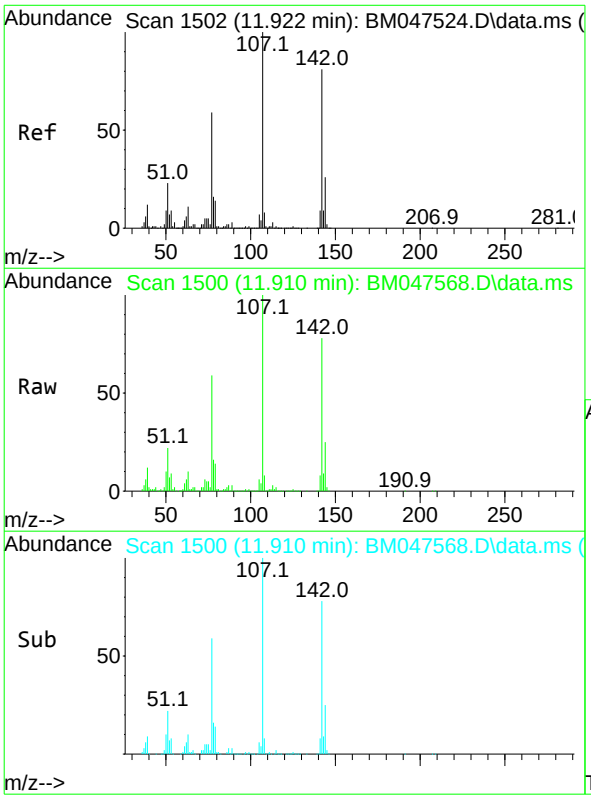
Ion	Ratio	Lower	Upper
113	100		
55	171.2	162.5	202.5
56	130.4	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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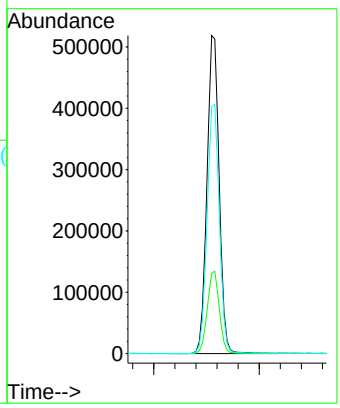
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

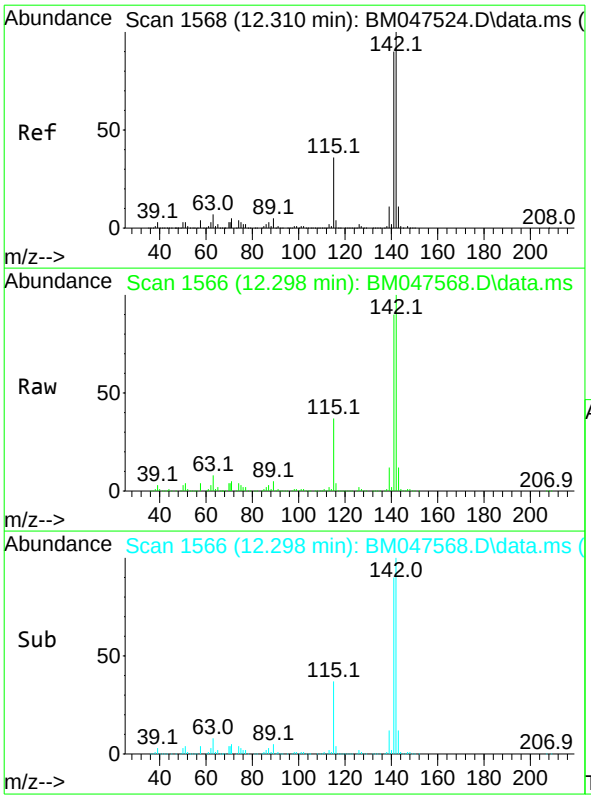


#36
4-Chloro-3-methylphenol
Concen: 44.885 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:107 Resp: 833110

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	77.6	65.0	97.4

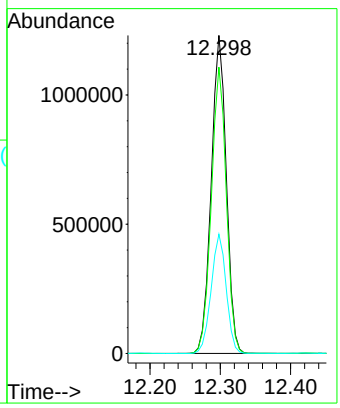




#37
2-Methylnaphthalene
Concen: 42.369 ng
RT: 12.298 min Scan# 15
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:142 Resp: 1830535

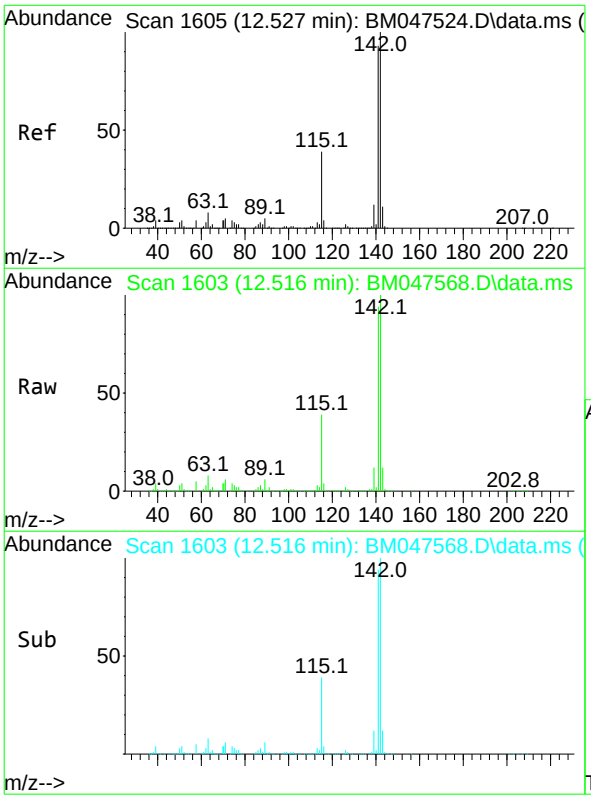
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4
115	37.5	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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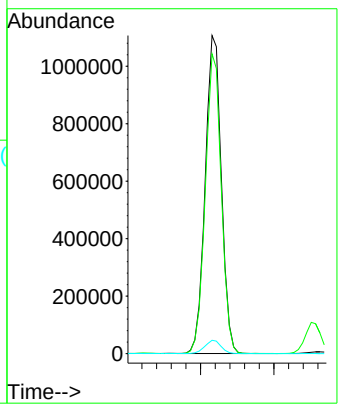
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

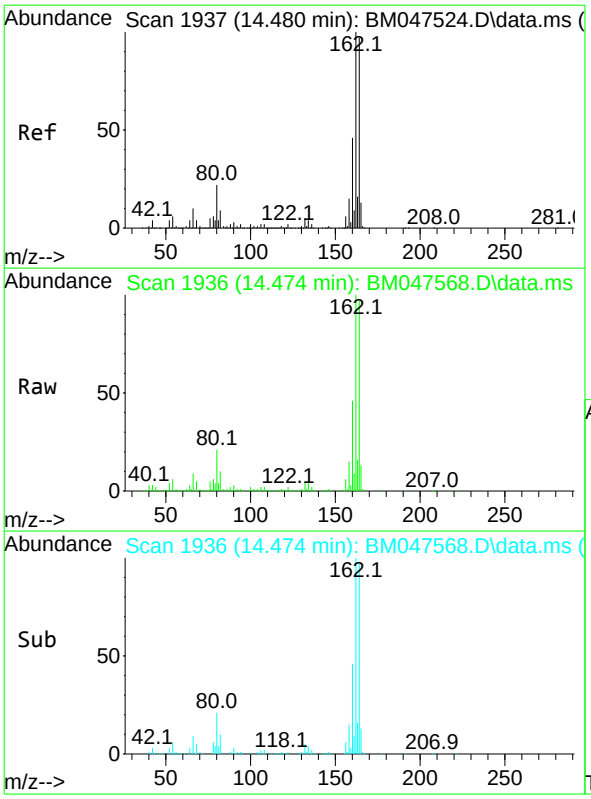


#38
1-Methylnaphthalene
Concen: 39.283 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:142 Resp: 1686622

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.7	112.1
116	4.2	3.2	4.8

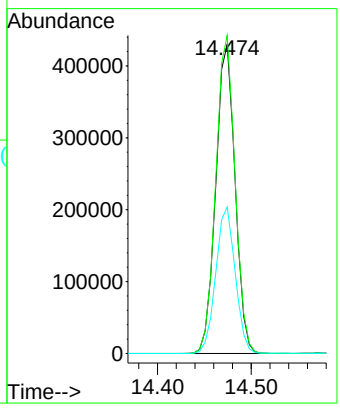




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

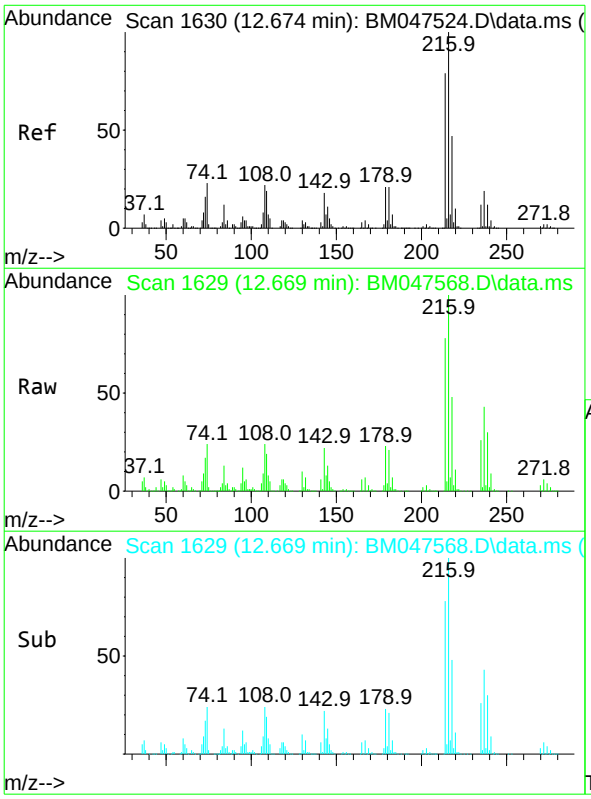
Tgt Ion:164 Resp: 615193

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	47.4	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
PB163318BS

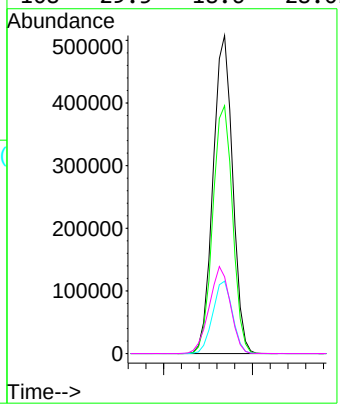
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

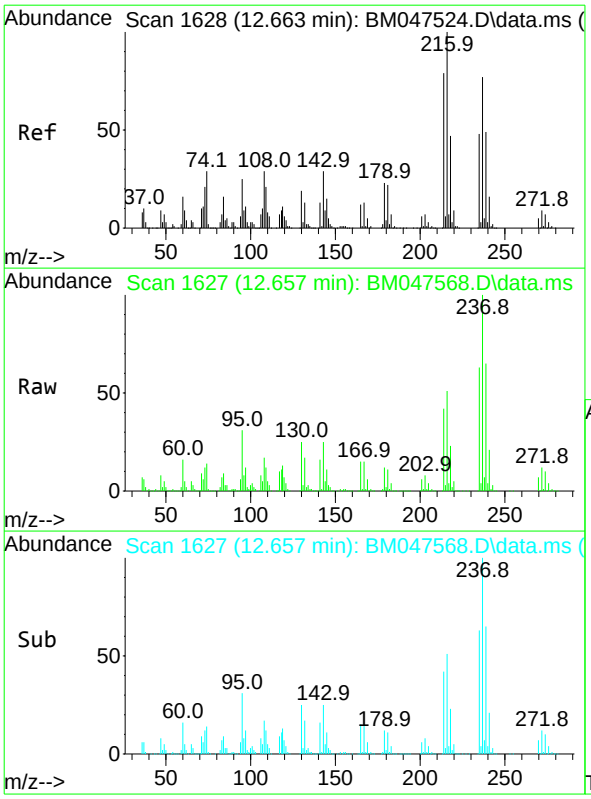


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.783 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:216 Resp: 778787

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	22.9	17.5	26.3
108	29.5	18.6	28.0#

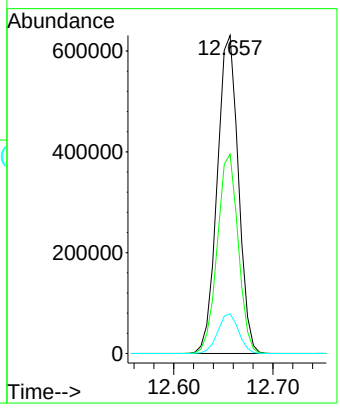




#41
Hexachlorocyclopentadiene
Concen: 171.243 ng
RT: 12.657 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:237 Resp: 931901

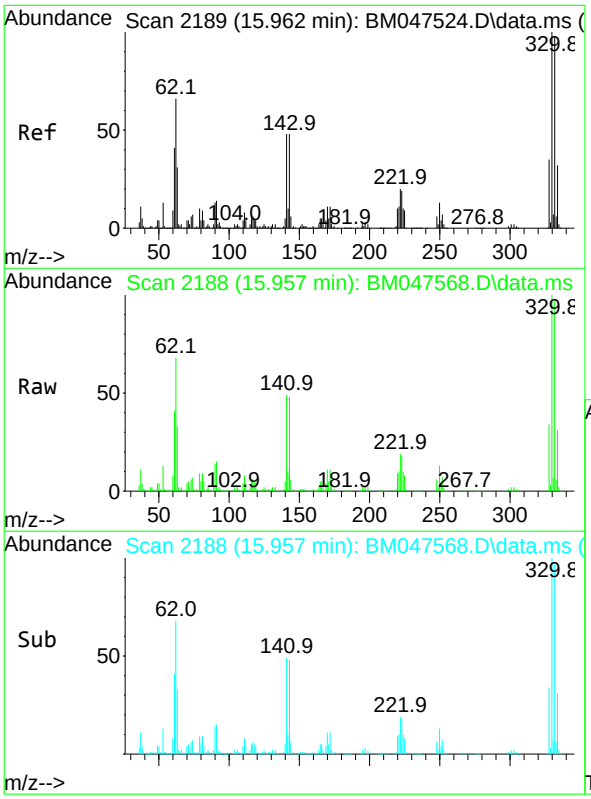
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	12.4	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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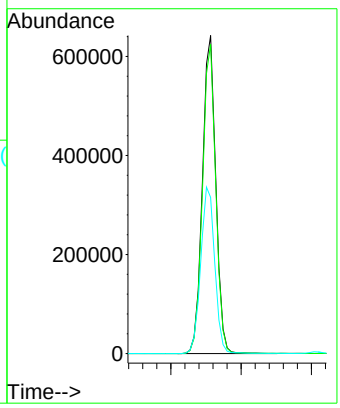
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

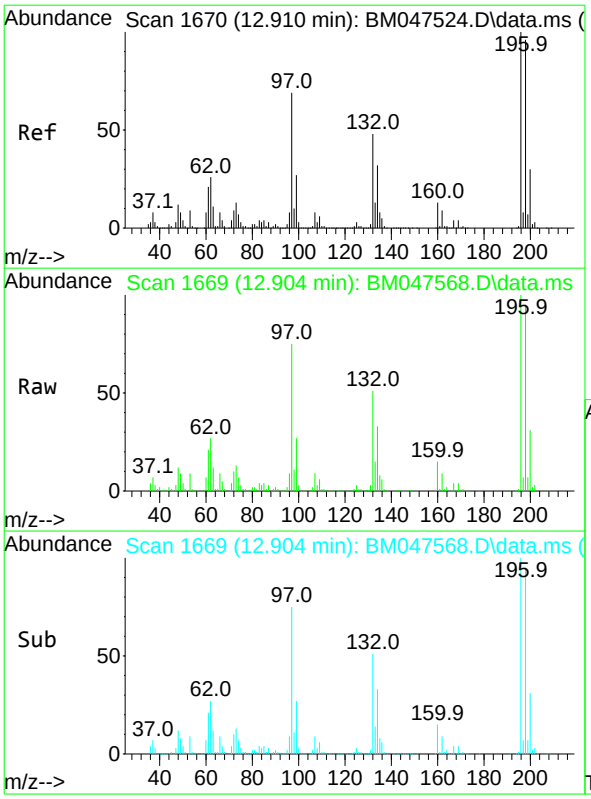


#42
2,4,6-Tribromophenol
Concen: 142.405 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:330 Resp: 846795

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	55.0	42.2	63.2





#43
2,4,6-Trichlorophenol
Concen: 49.239 ng
RT: 12.904 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

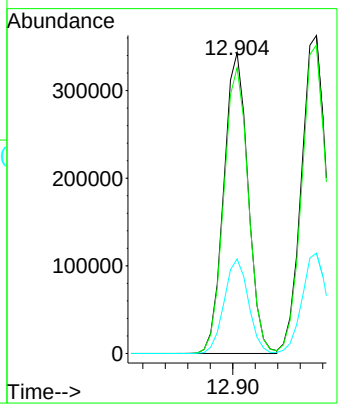
Tgt Ion:196 Resp: 513517

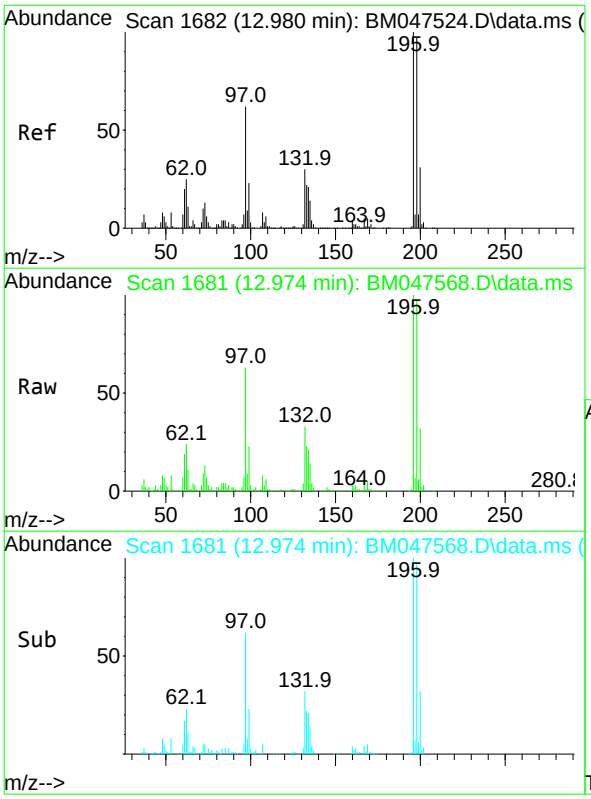
Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.9	115.3
200	31.4	24.3	36.5

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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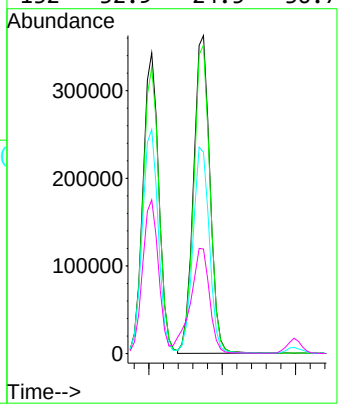


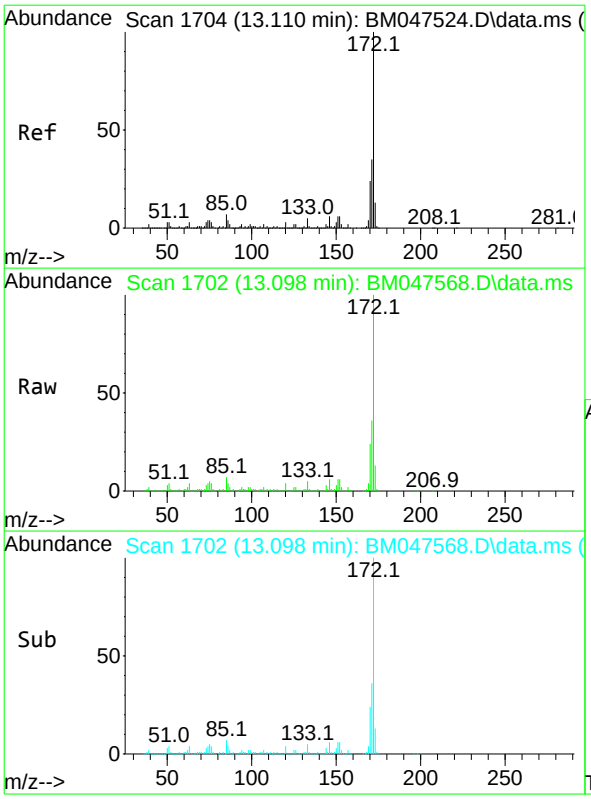


#44
2,4,5-Trichlorophenol
Concen: 47.669 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:196 Resp: 561526

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.4	116.2
97	63.3	49.8	74.8
132	32.9	24.5	36.7

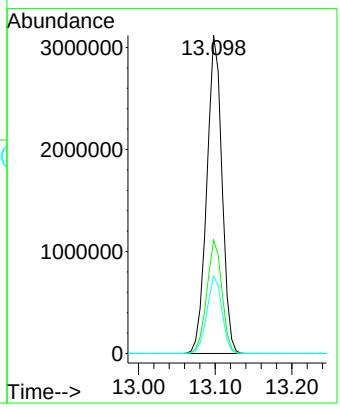




#45
2-Fluorobiphenyl
Concen: 95.753 ng
RT: 13.098 min Scan# 17
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:172 Resp: 4276289

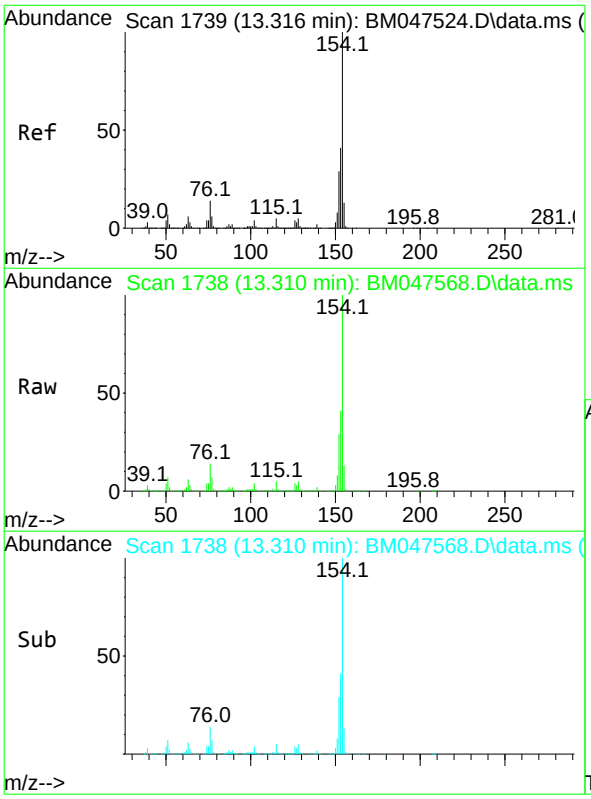
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	24.3	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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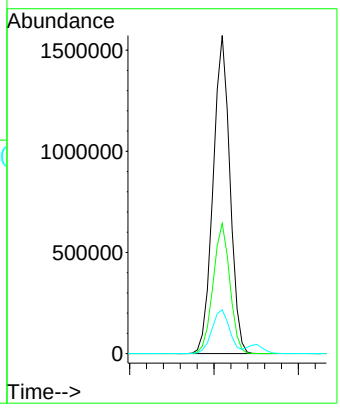
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

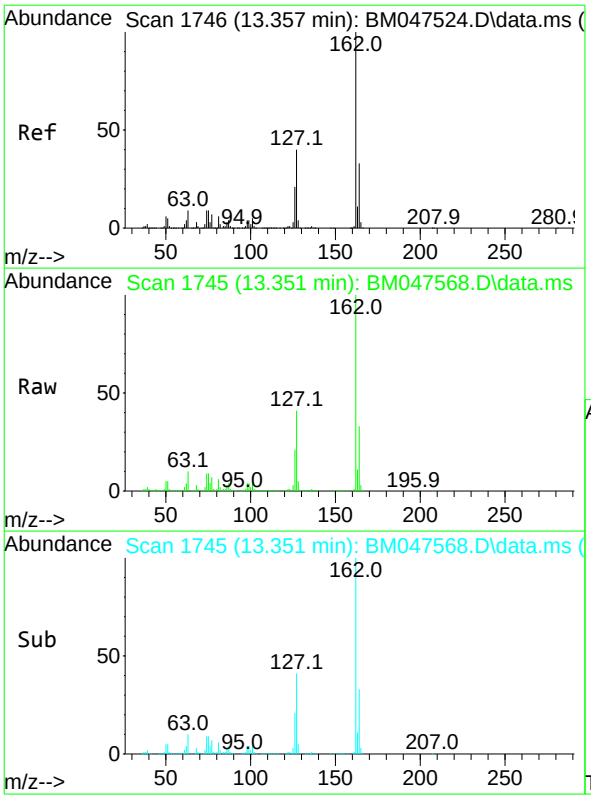


#46
1,1'-Biphenyl
Concen: 45.573 ng
RT: 13.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:154 Resp: 2181353

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	13.8	0.0	33.9

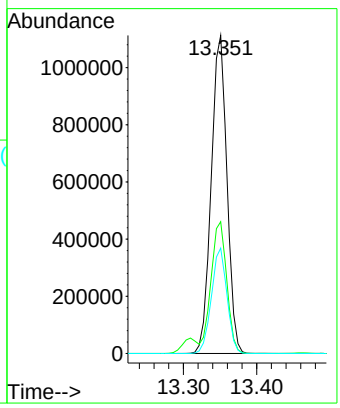




#47
2-Chloronaphthalene
Concen: 44.537 ng
RT: 13.351 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:162 Resp: 1655276

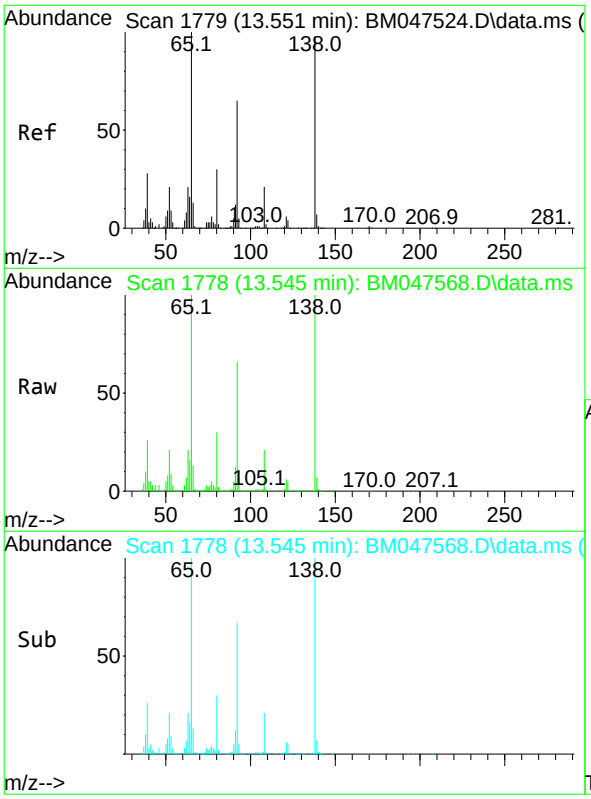
Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.2	48.4
164	33.1	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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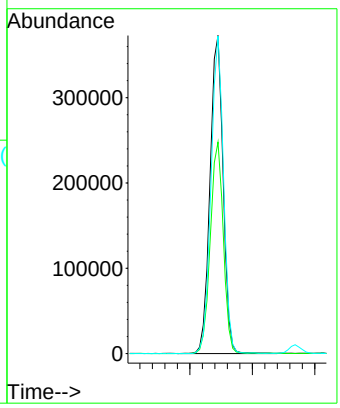
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

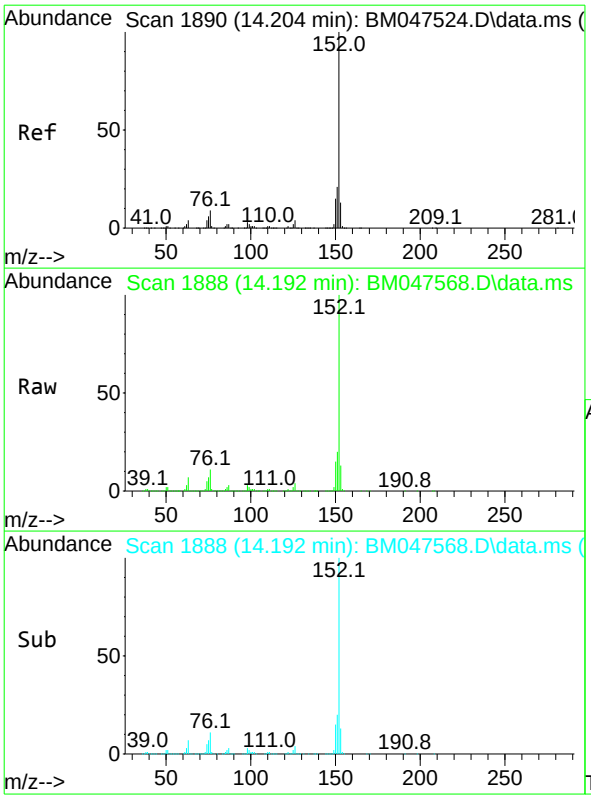


#48
2-Nitroaniline
Concen: 49.716 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 65 Resp: 542727

Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.9	77.9
138	99.8	78.5	117.7

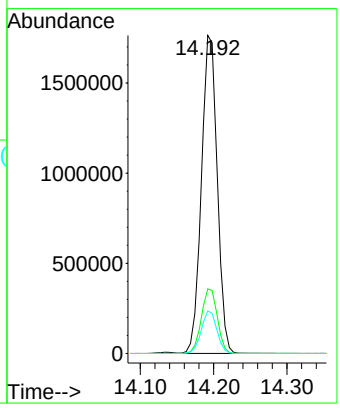




#49
Acenaphthylene
Concen: 49.275 ng
RT: 14.192 min Scan# 18
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:152 Resp: 2642771

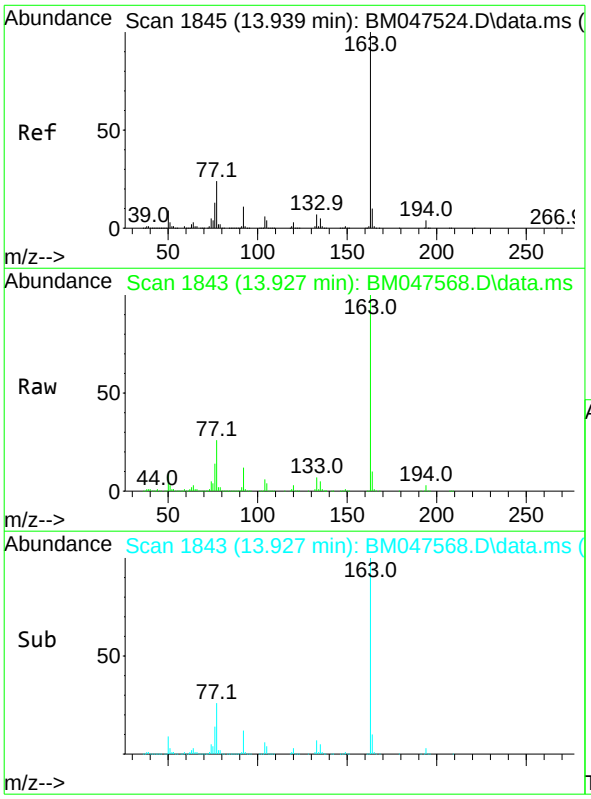
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.4	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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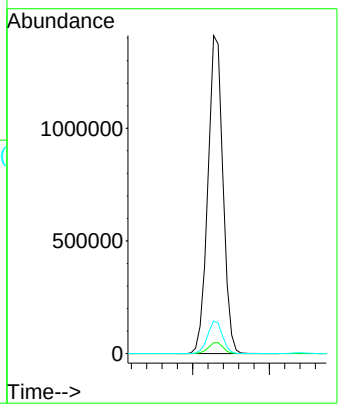
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

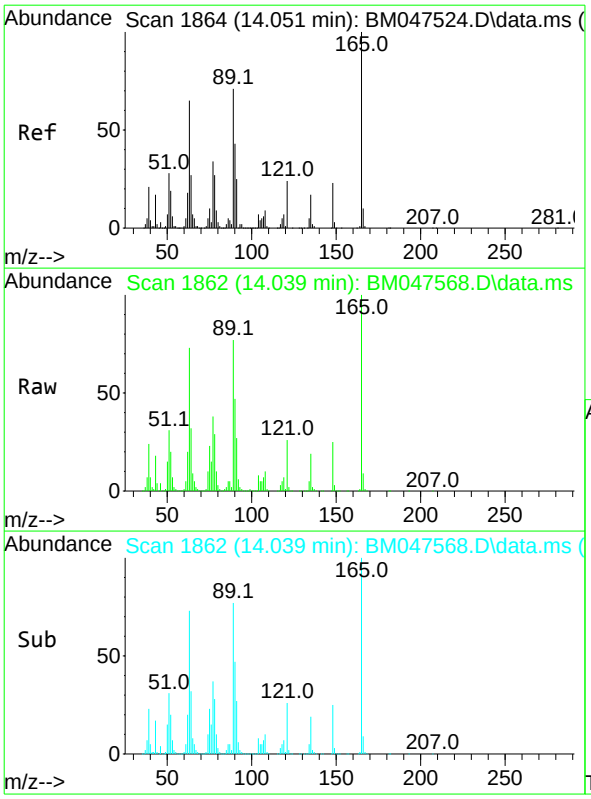


#50
Dimethylphthalate
Concen: 45.854 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:163 Resp: 1922665

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.2	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 44.184 ng
RT: 14.039 min Scan# 18
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

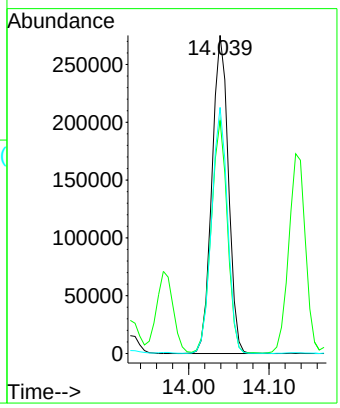
Tgt Ion:165 Resp: 391098

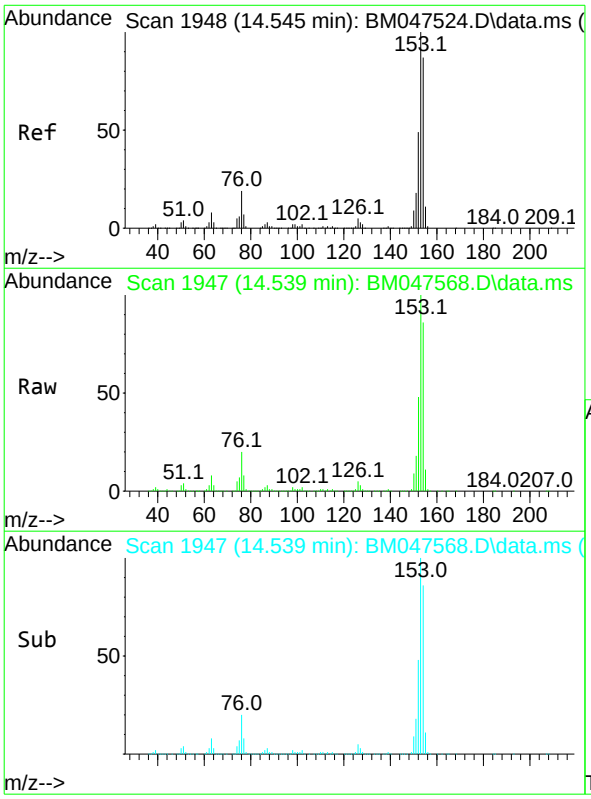
Ion	Ratio	Lower	Upper
165	100		
63	73.3	54.2	81.2
89	77.4	56.4	84.6

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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Supervised By :mohammad ahmed 09/22/2024

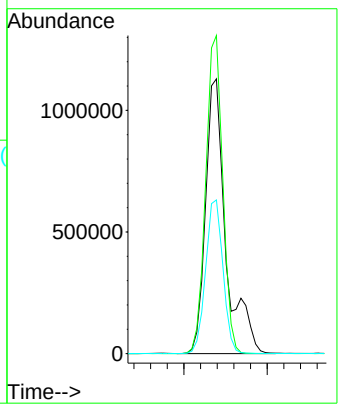


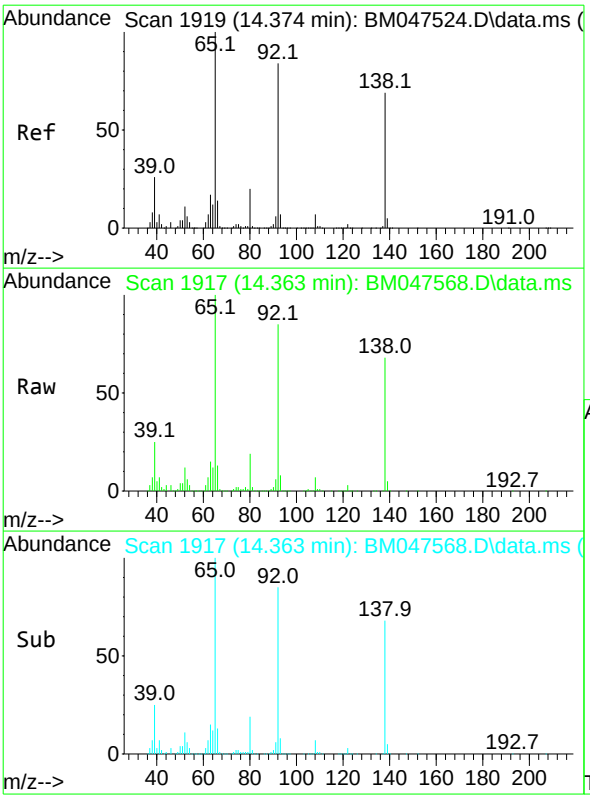


#52
Acenaphthene
Concen: 50.990 ng m
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:154 Resp: 1916152

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.2	138.2
152	55.9	45.4	68.0

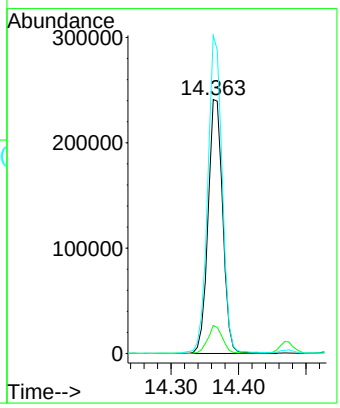




#53
3-Nitroaniline
Concen: 36.898 ng
RT: 14.363 min Scan# 19
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:138 Resp: 363030

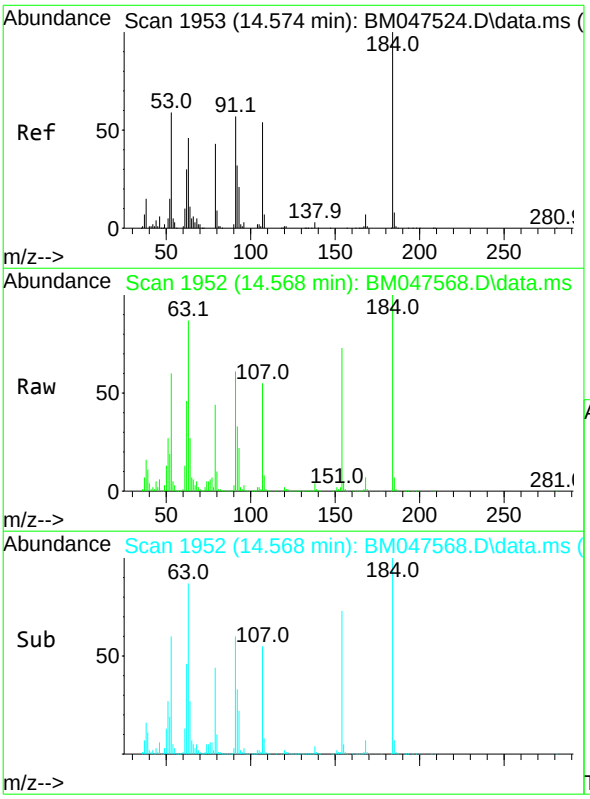
Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.0	12.0
92	125.2	97.4	146.0



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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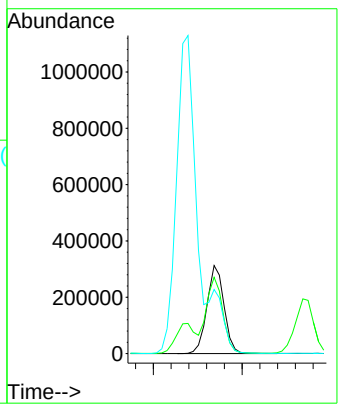
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

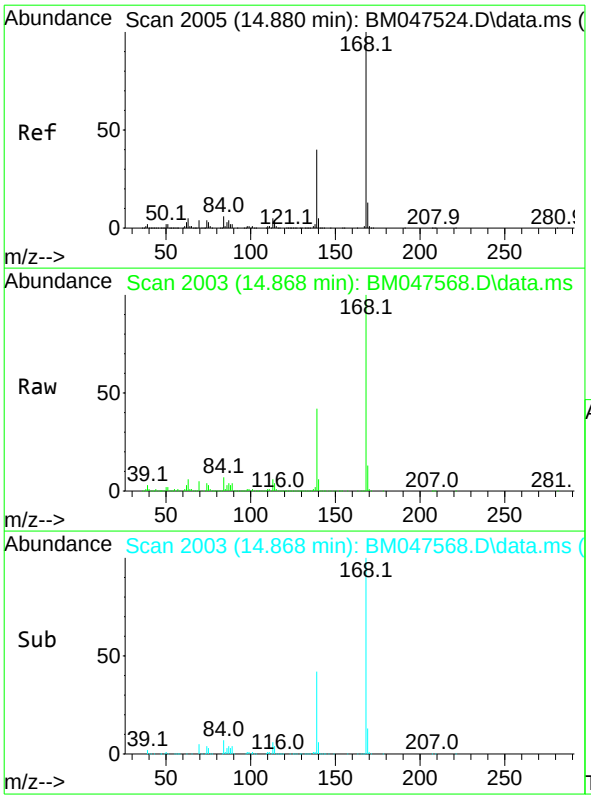


#54
2,4-Dinitrophenol
Concen: 82.737 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:184 Resp: 418269

Ion	Ratio	Lower	Upper
184	100		
63	86.7	69.4	104.0
154	72.8	60.4	90.6

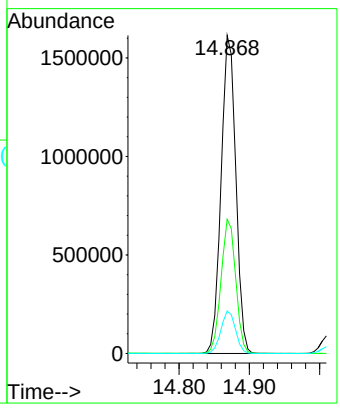




#55
Dibenzofuran
Concen: 44.471 ng
RT: 14.868 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:168 Resp: 2348412

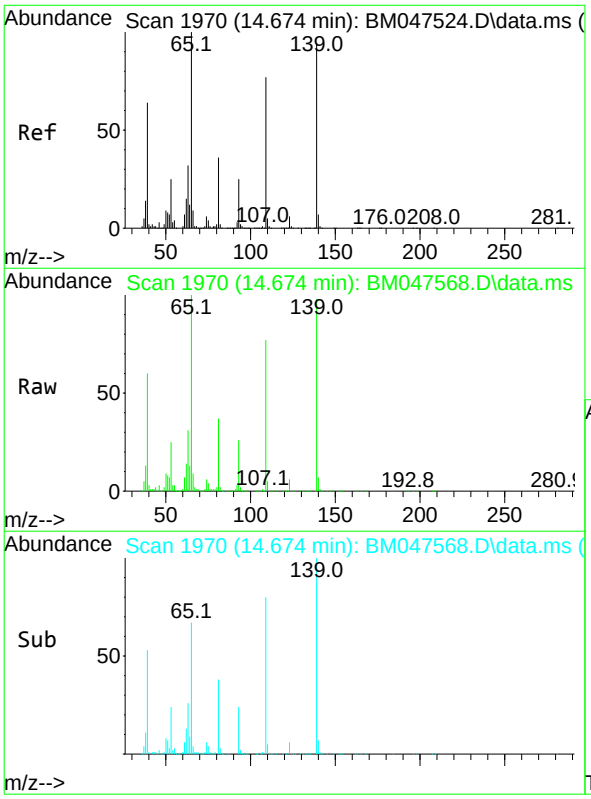
Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.9	47.9
169	13.4	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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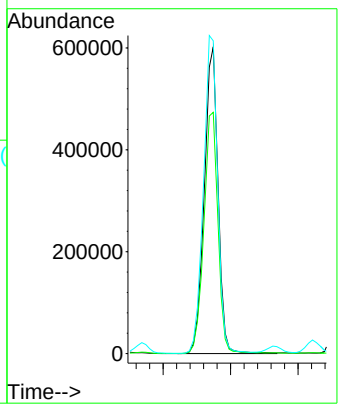
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

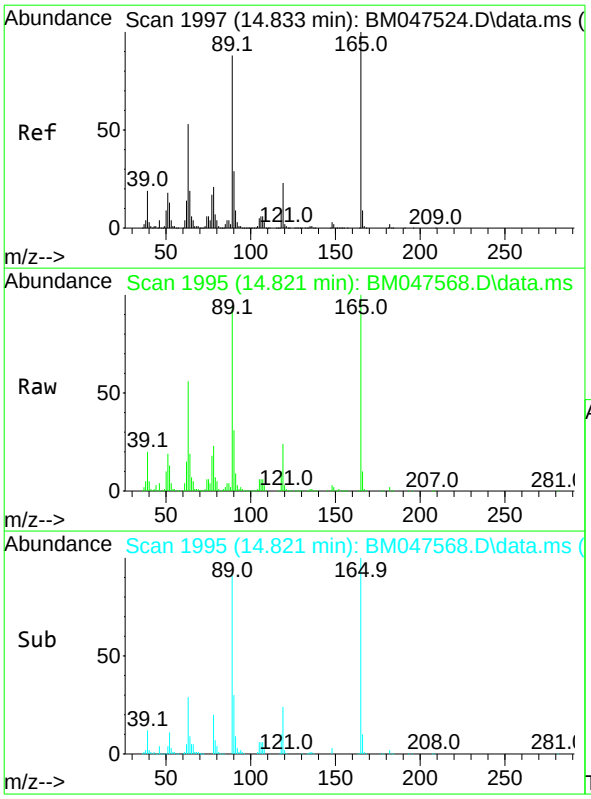


#56
4-Nitrophenol
Concen: 105.644 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:139 Resp: 855296

Ion	Ratio	Lower	Upper
139	100		
109	78.7	62.0	102.0
65	102.0	87.0	127.0

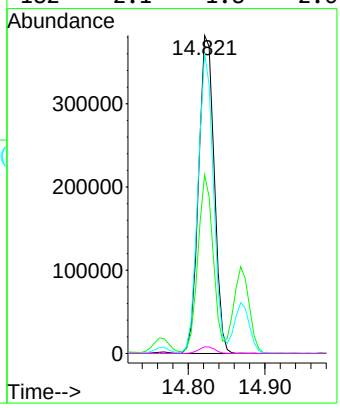




#57
2,4-Dinitrotoluene
Concen: 45.889 ng
RT: 14.821 min Scan# 19
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:165 Resp: 541739

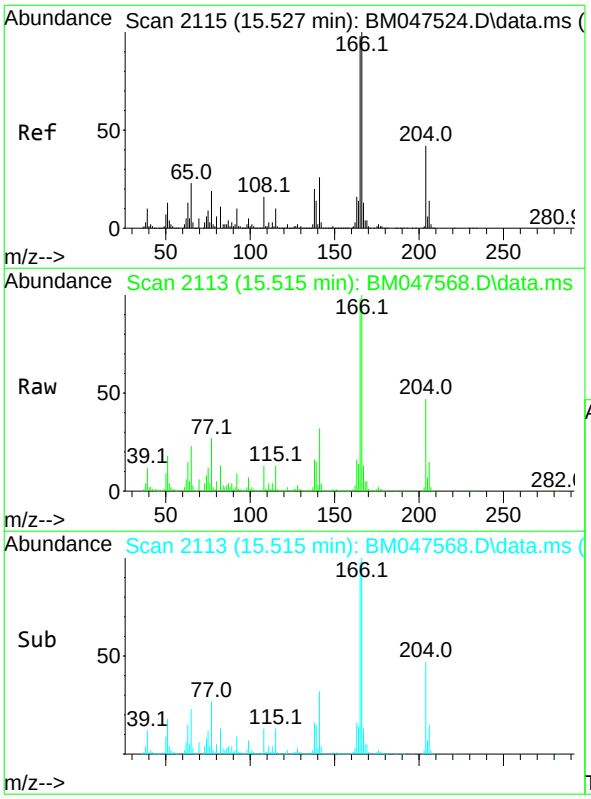
Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.4	63.6
89	94.3	70.5	105.7
182	2.1	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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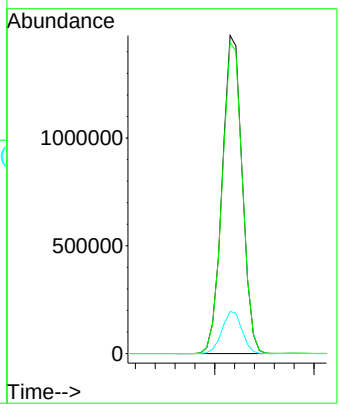
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

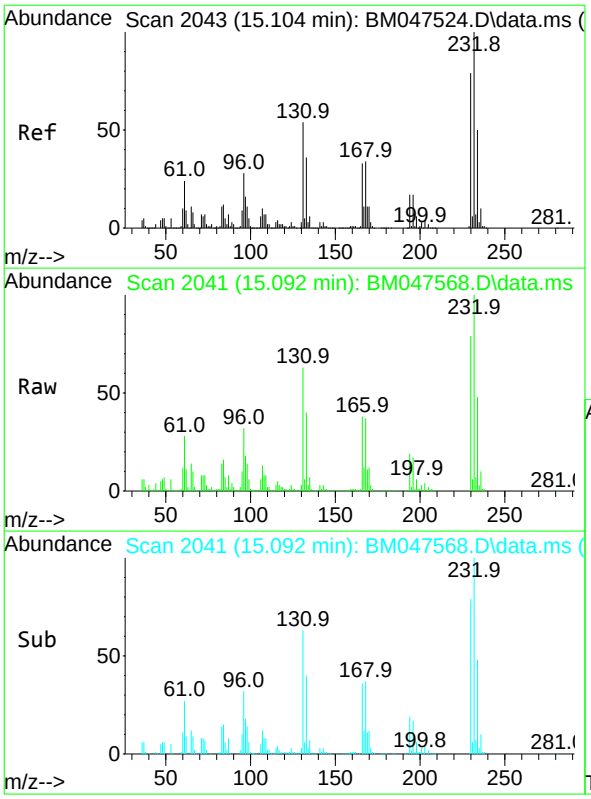


#58
Fluorene
Concen: 43.429 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:166 Resp: 2064805

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.2	10.7	16.1

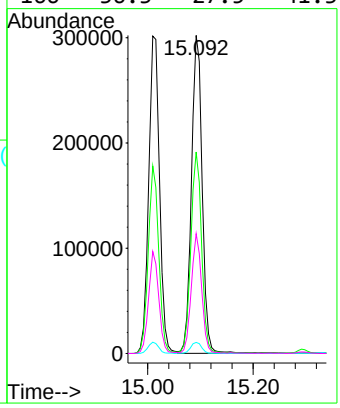




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.385 ng
RT: 15.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:232 Resp: 426009

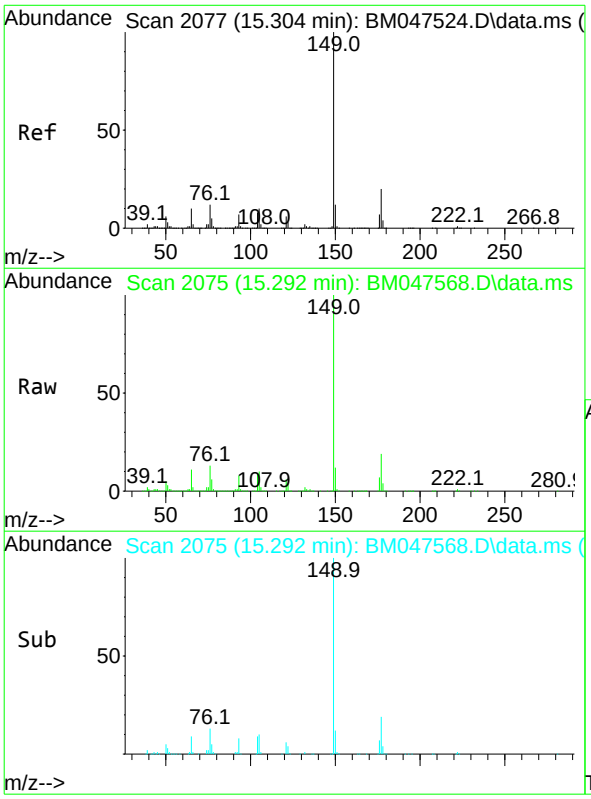
Ion	Ratio	Lower	Upper
232	100		
131	63.4	47.0	70.4
130	3.6	2.6	3.8
166	36.3	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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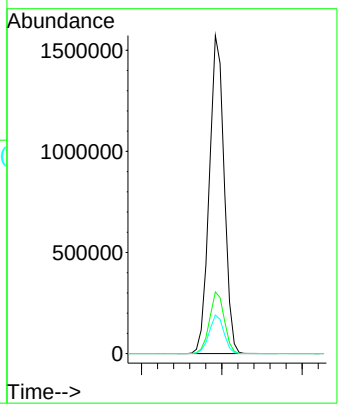
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

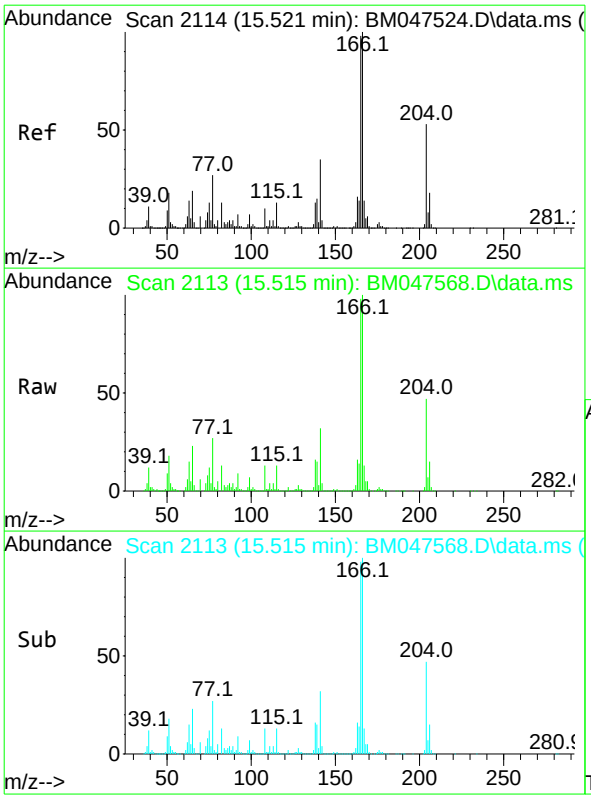


#60
Diethylphthalate
Concen: 45.216 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 2017759

Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.8	23.8
150	12.1	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 41.870 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

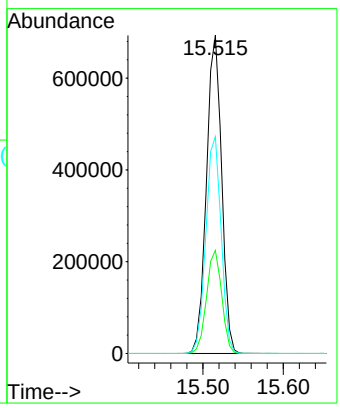
Instrument :
BNA_M
ClientSampleId :
PB163318BS

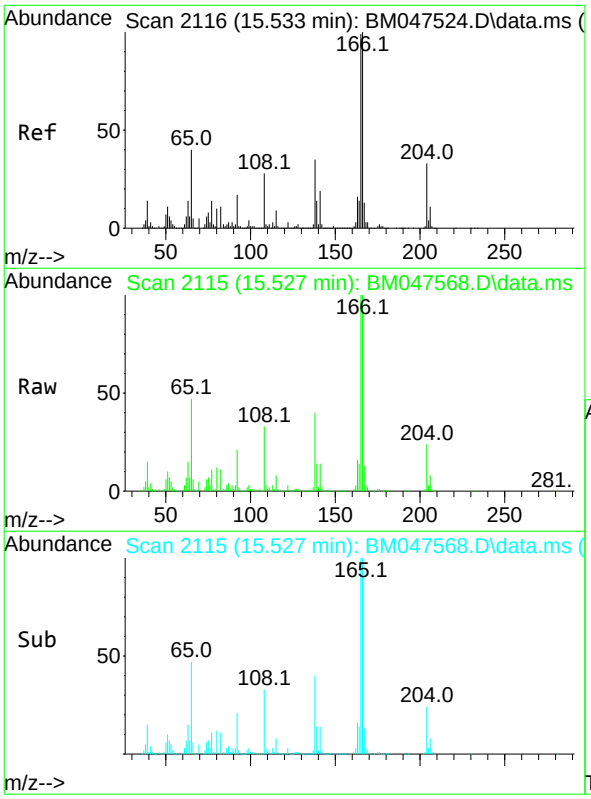
Tgt Ion:204 Resp: 910211

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	68.2	52.1	78.1

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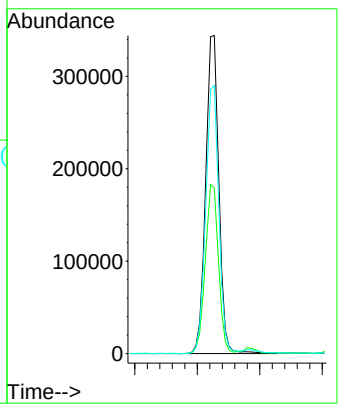


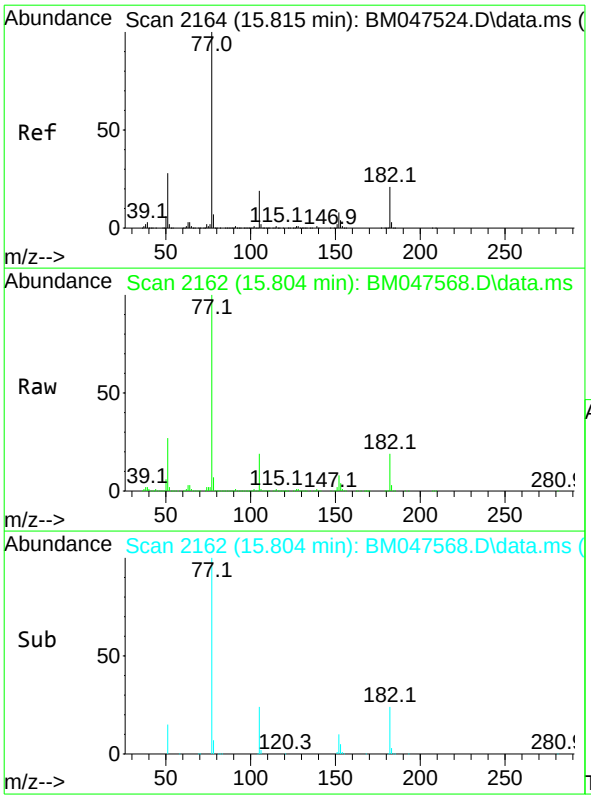


#62
4-Nitroaniline
Concen: 43.698 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:138 Resp: 505374

Ion	Ratio	Lower	Upper
138	100		
92	52.0	30.0	70.0
108	84.3	61.7	101.7

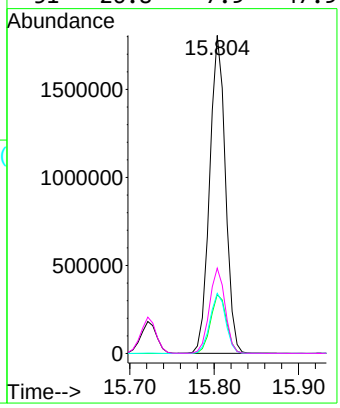




#63
Azobenzene
Concen: 47.721 ng
RT: 15.804 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 77 Resp: 2344863

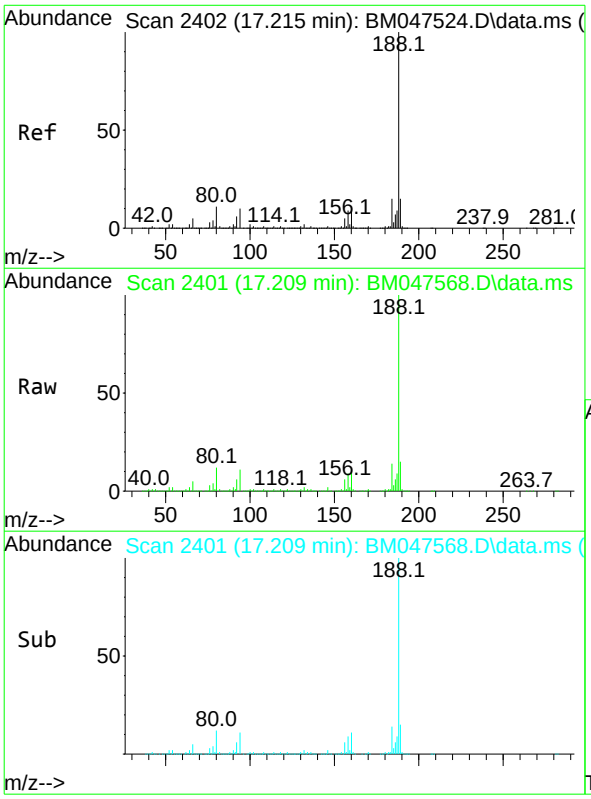
Ion	Ratio	Lower	Upper
77	100		
182	18.5	1.2	41.2
105	18.9	0.0	39.4
51	26.8	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
PB163318BS

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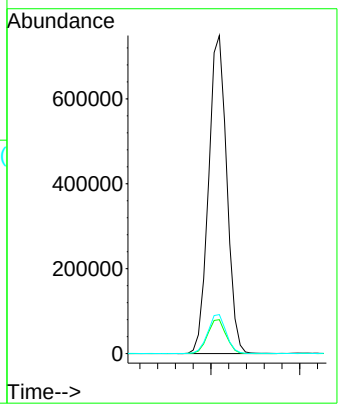
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

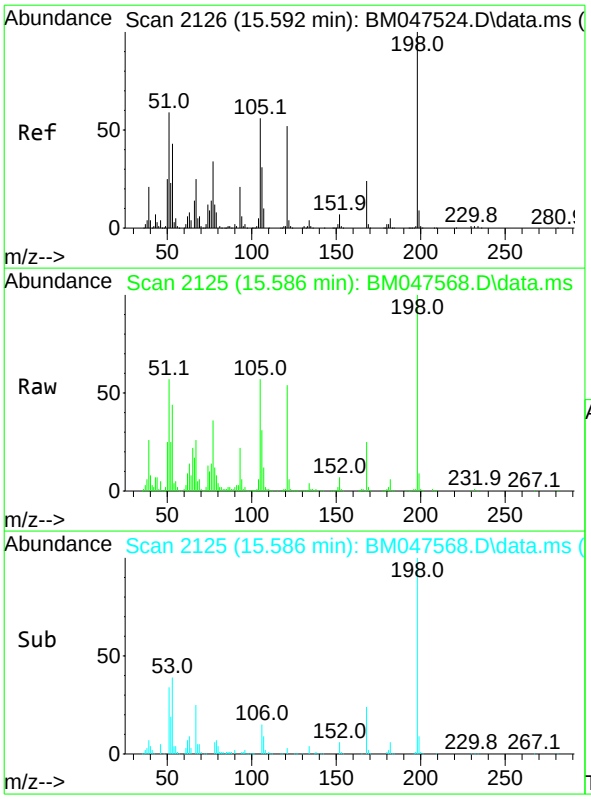


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:188 Resp: 1066013

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	12.3	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 44.884 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

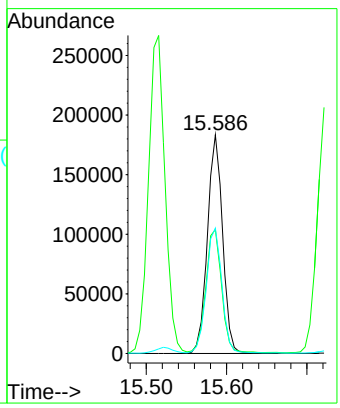
Tgt Ion:198 Resp: 240735

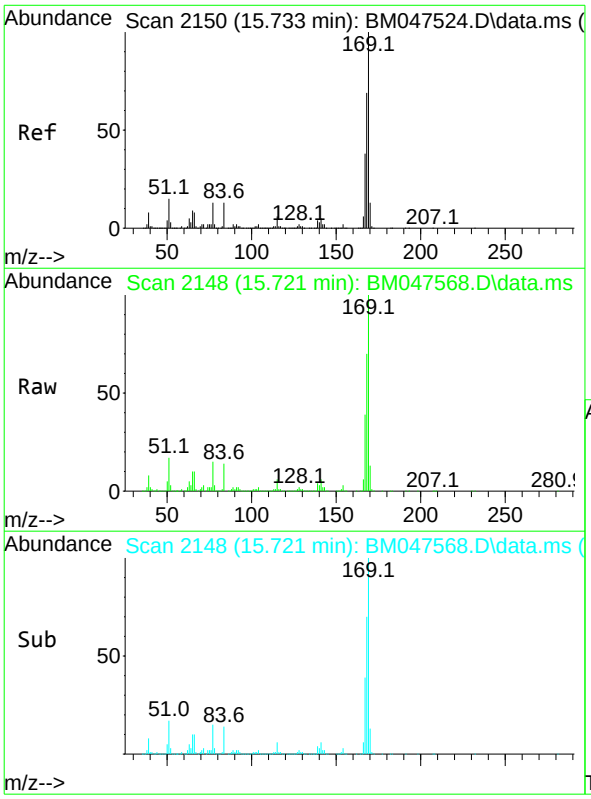
Ion	Ratio	Lower	Upper
198	100		
51	56.7	41.5	81.5
105	57.3	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

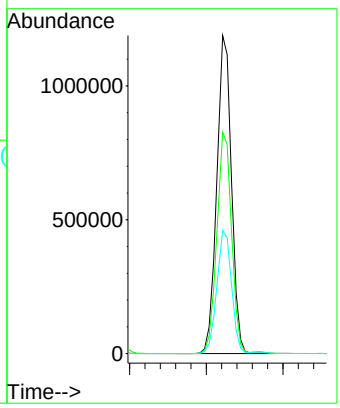


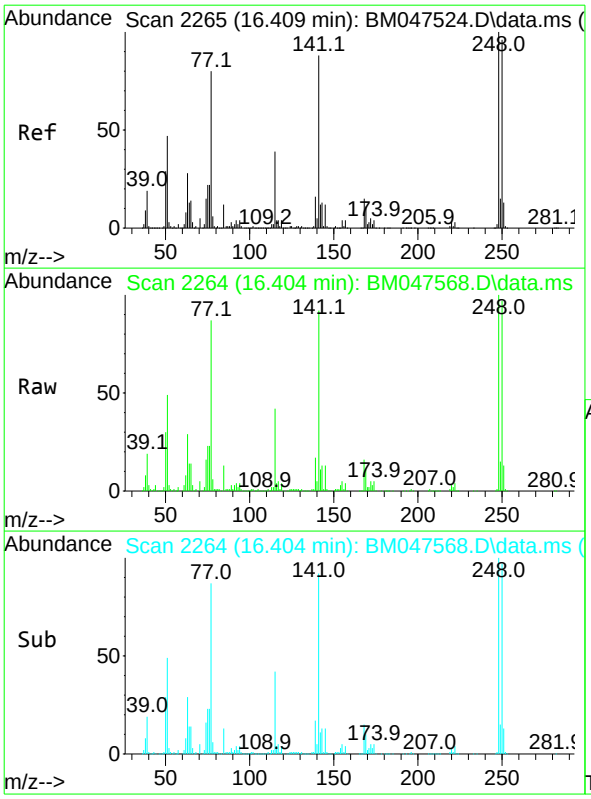


#66
n-Nitrosodiphenylamine
Concen: 48.315 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:169 Resp: 1575610

Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.3	82.9
167	38.7	30.5	45.7

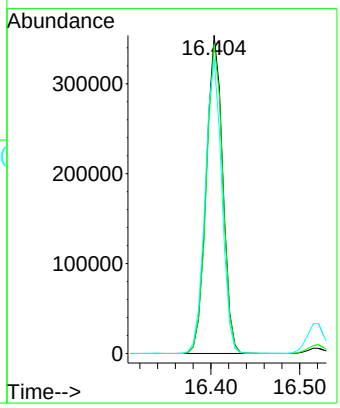




#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.404 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:248 Resp: 455967

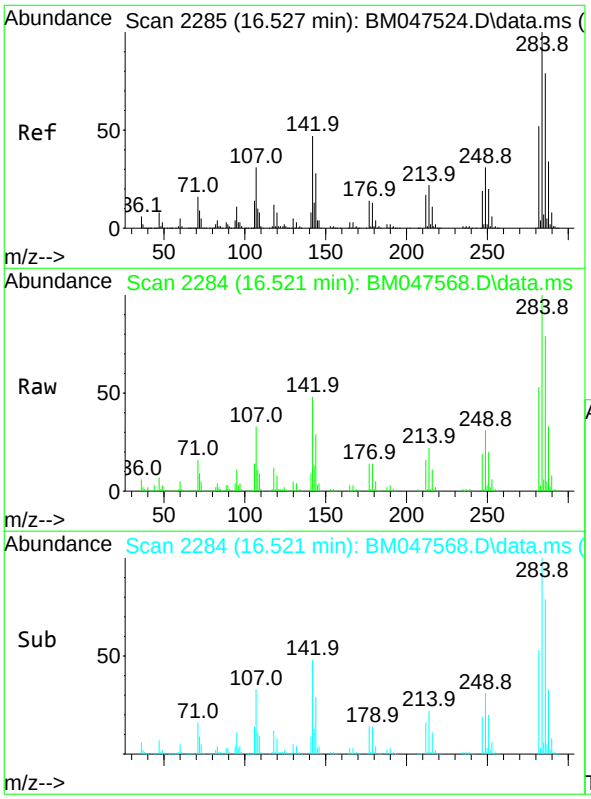
Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	92.5	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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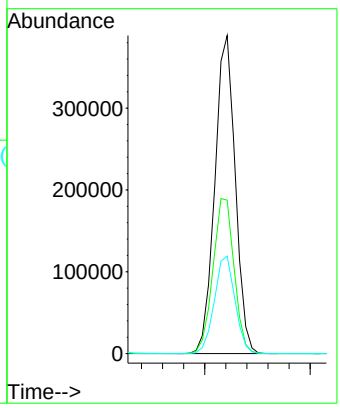
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

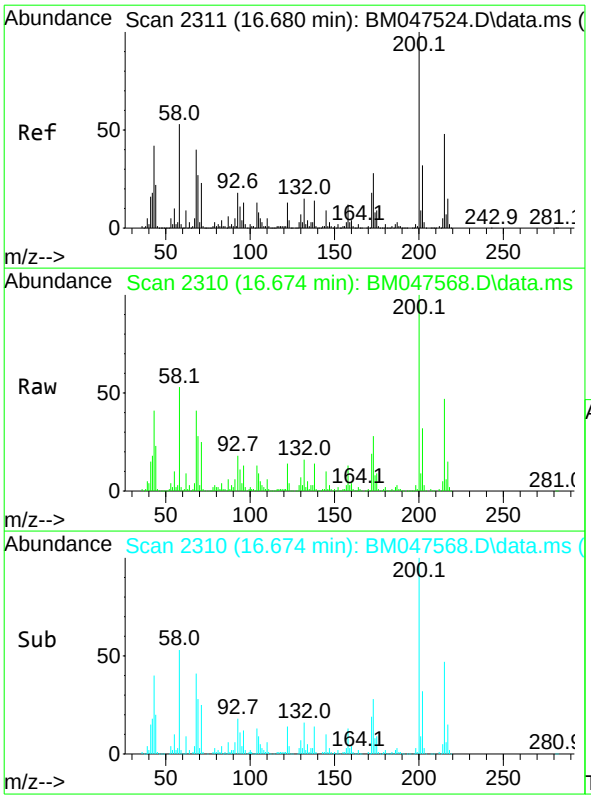


#68
Hexachlorobenzene
Concen: 44.635 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:284 Resp: 523759

Ion	Ratio	Lower	Upper
284	100		
142	48.3	37.3	55.9
249	30.6	24.5	36.7





#69
Atrazine
Concen: 51.477 ng
RT: 16.674 min Scan# 23
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

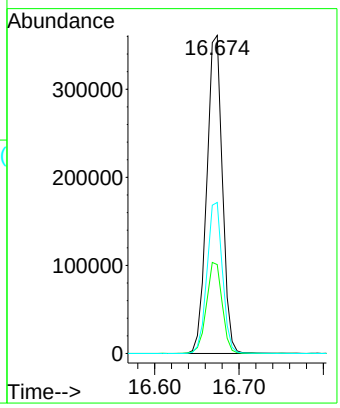
Instrument :
BNA_M
ClientSampleId :
PB163318BS

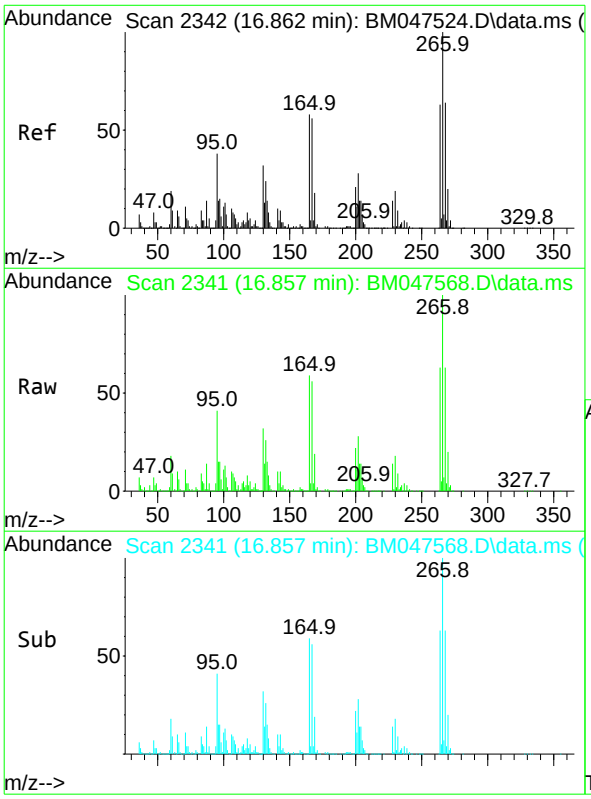
Tgt Ion:200 Resp: 463991

Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.7	47.7
215	47.5	27.9	67.9

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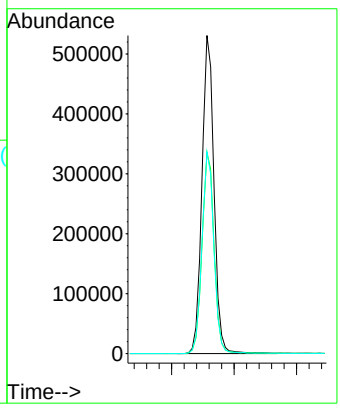


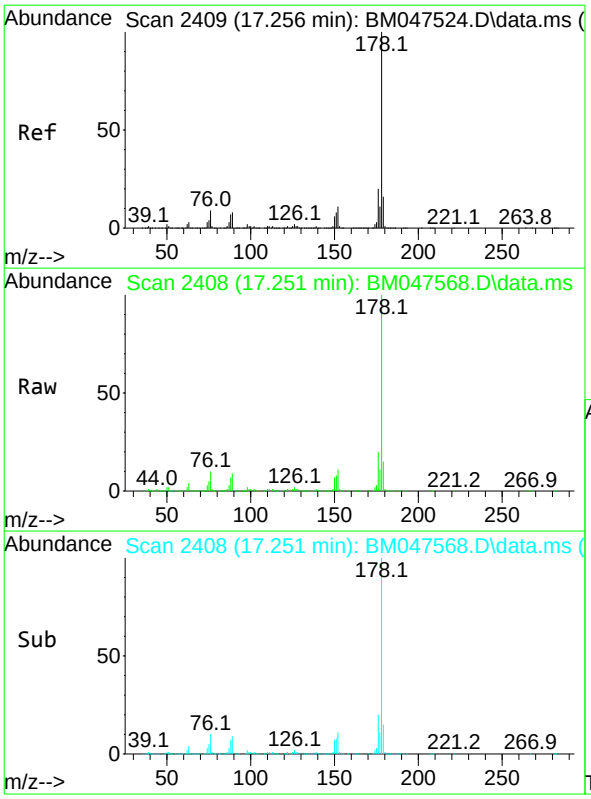


#70
Pentachlorophenol
Concen: 104.346 ng
RT: 16.857 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:266 Resp: 709776

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.4
264	63.3	50.4	75.6

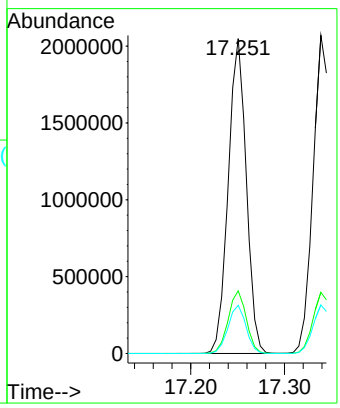




#71
Phenanthrene
Concen: 46.637 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:178 Resp: 2739821

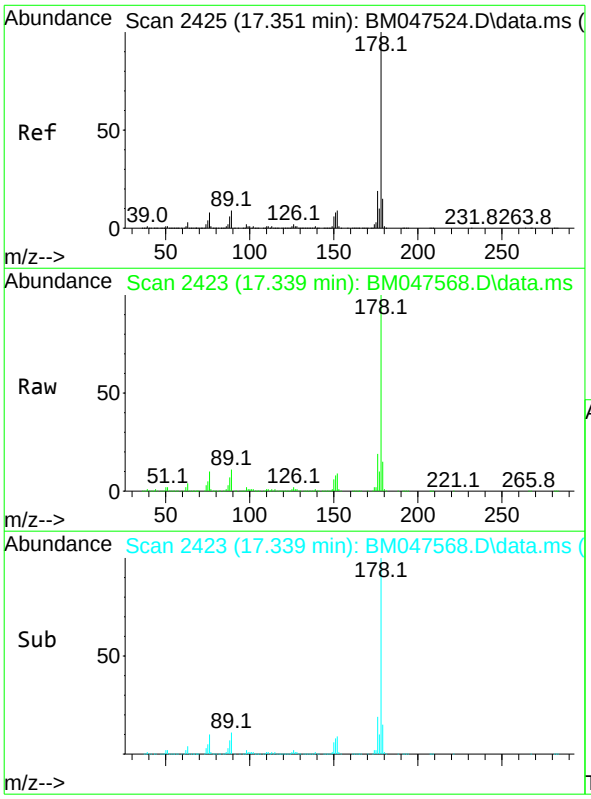
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.3	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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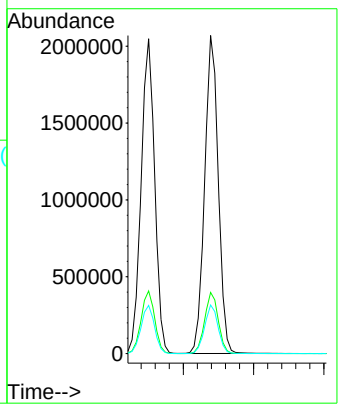
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

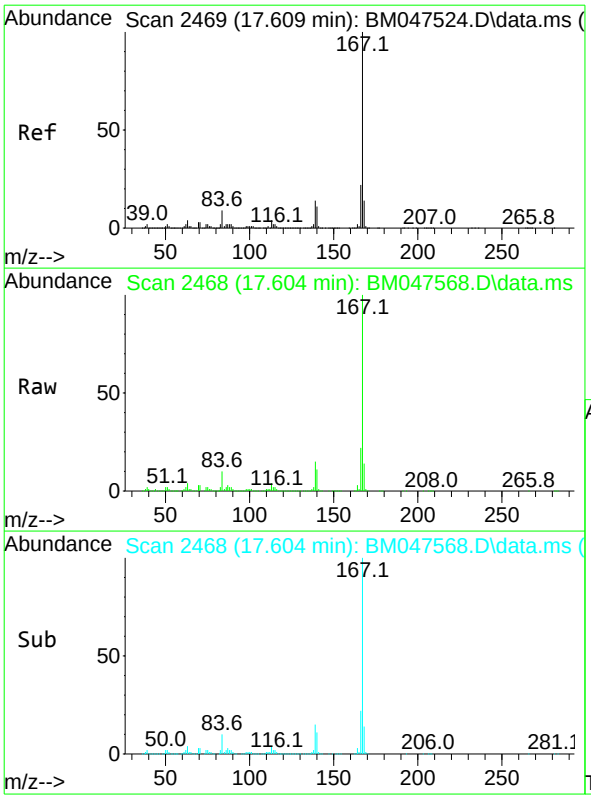


#72
Anthracene
Concen: 49.217 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:178 Resp: 2777929

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.3	18.5

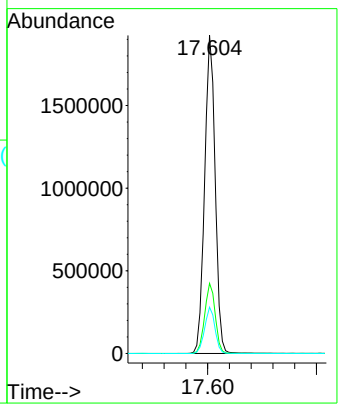




#73
Carbazole
Concen: 46.256 ng
RT: 17.604 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:167 Resp: 2587365

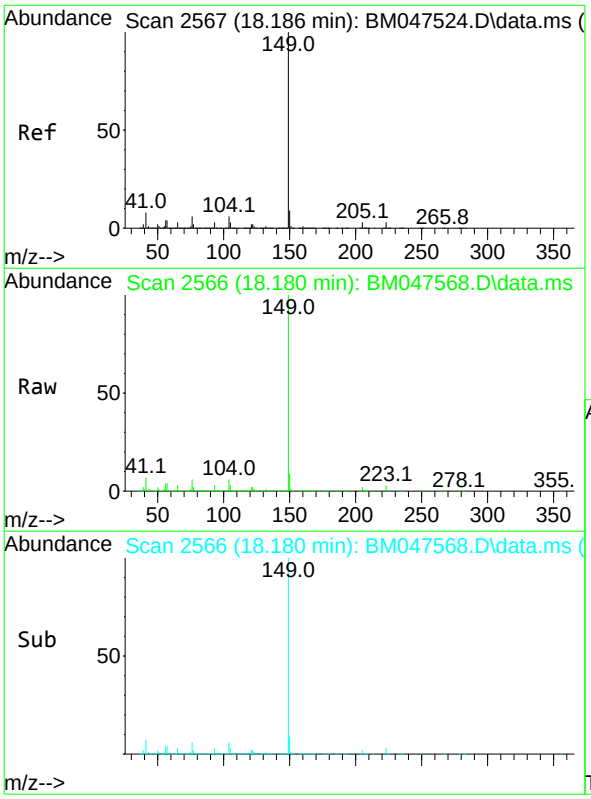
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.5	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

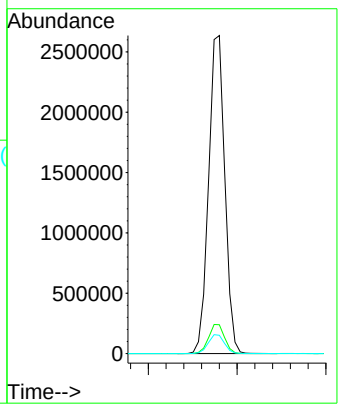
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

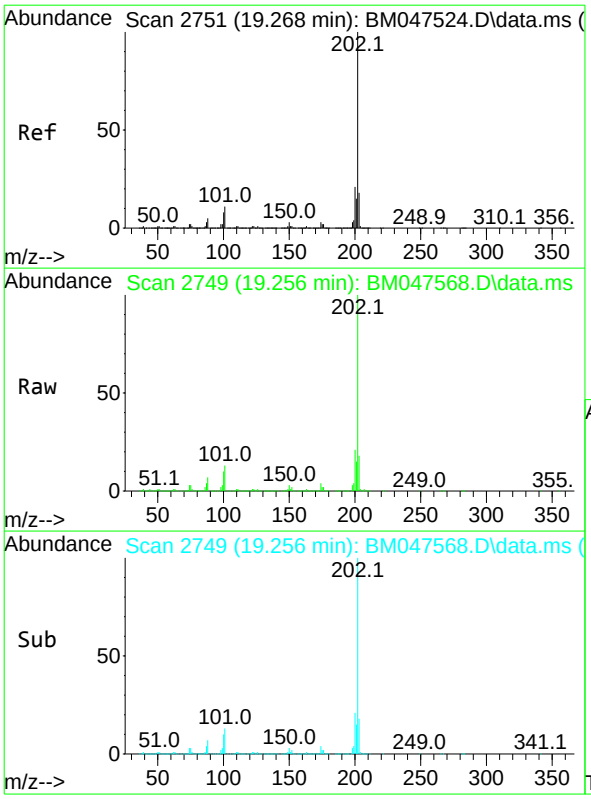


#74
Di-n-butylphthalate
Concen: 49.983 ng
RT: 18.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 3345257

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.7	4.6	6.8

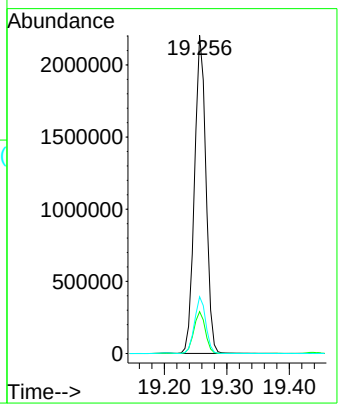




#75
Fluoranthene
Concen: 43.686 ng
RT: 19.256 min Scan# 27
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:202 Resp: 2800166

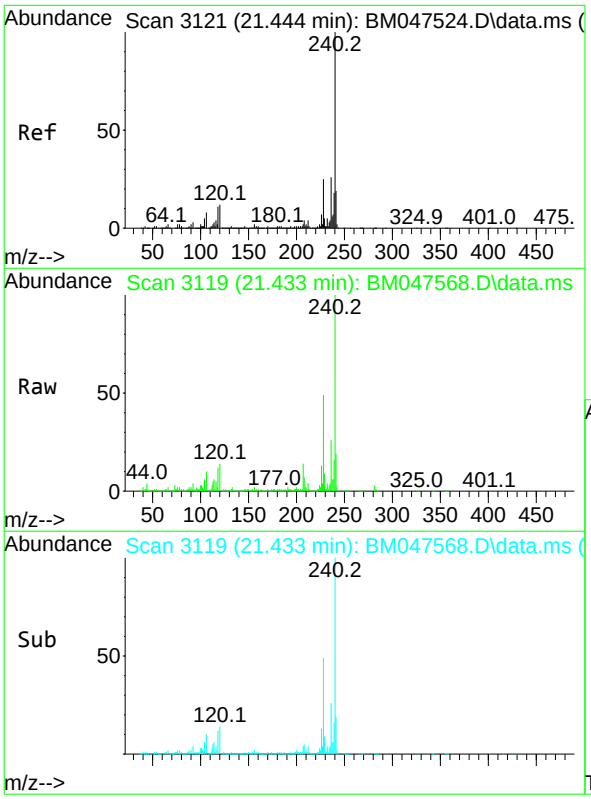
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.8
203	17.8	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

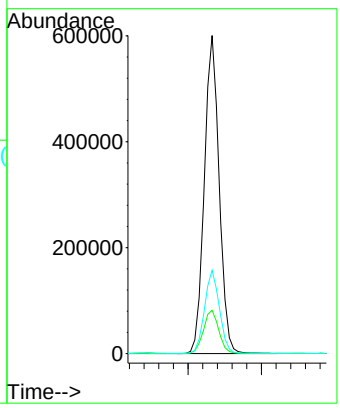
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

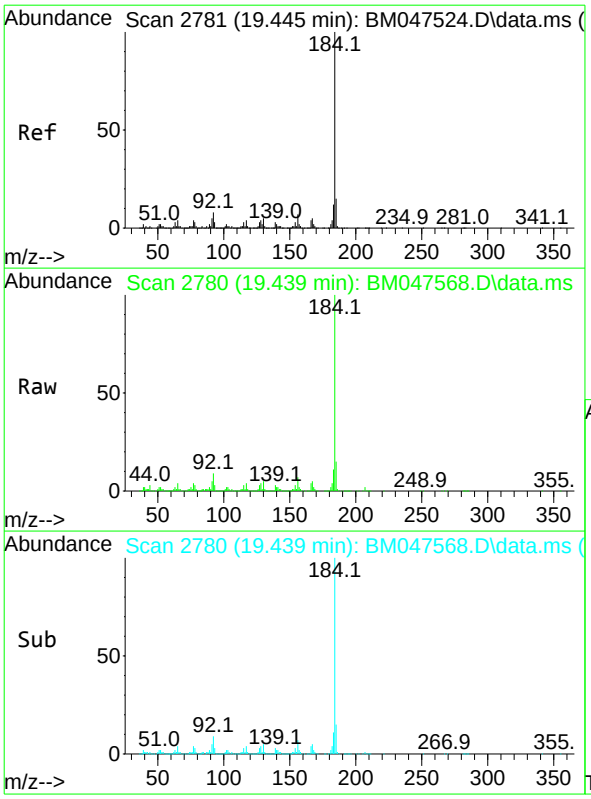


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:240 Resp: 844898

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.6	14.4
236	26.2	20.9	31.3





#77
Benzidine
Concen: 88.854 ng
RT: 19.439 min Scan# 27
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

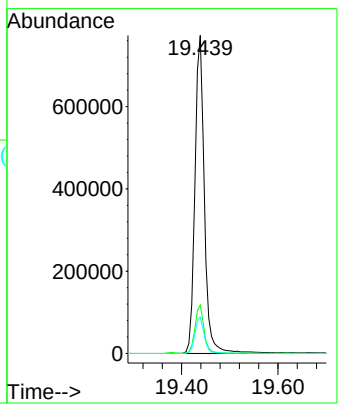
Instrument :
BNA_M
ClientSampleId :
PB163318BS

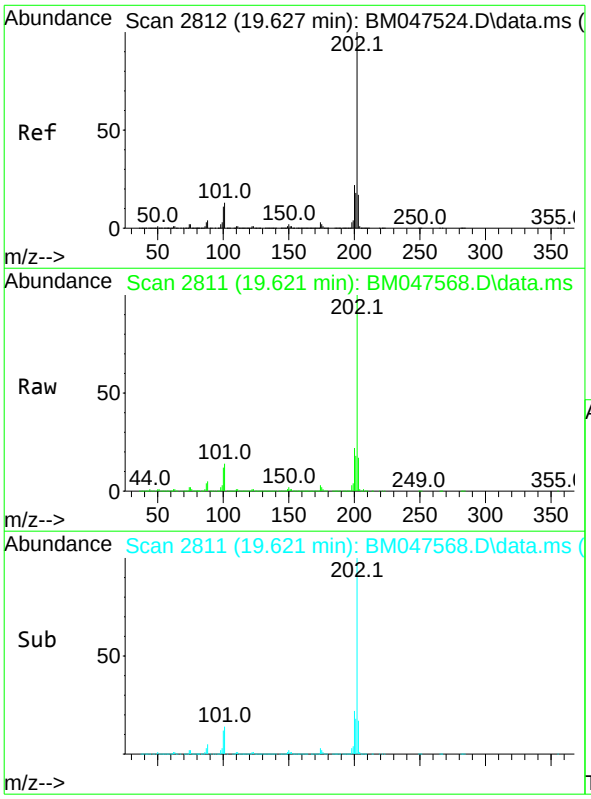
Tgt Ion:184 Resp: 1057298

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.4	9.6	14.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

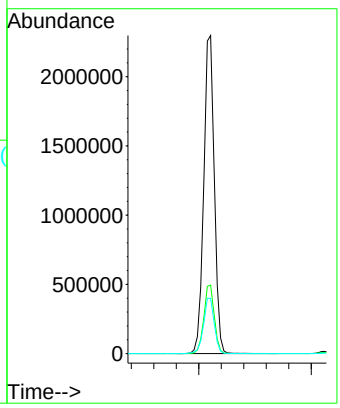


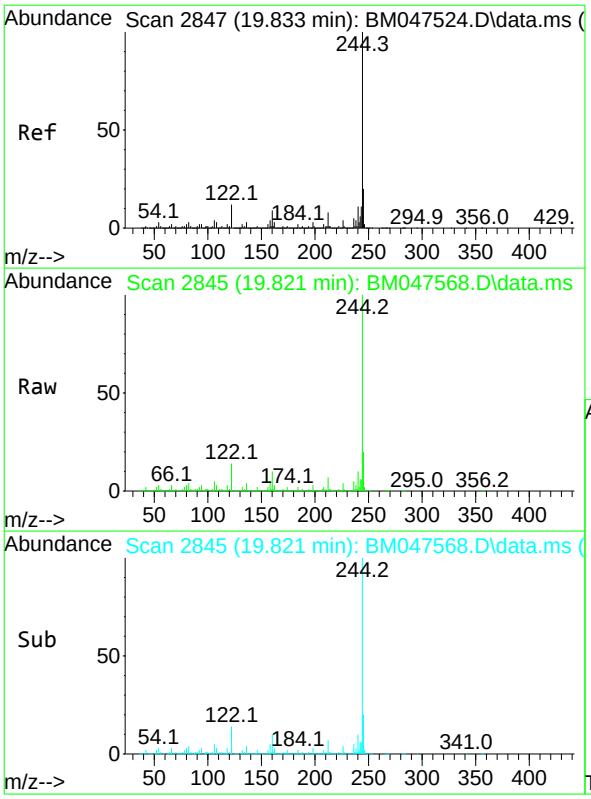


#78
Pyrene
Concen: 48.761 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:202 Resp: 3005093

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.4	14.0	21.0

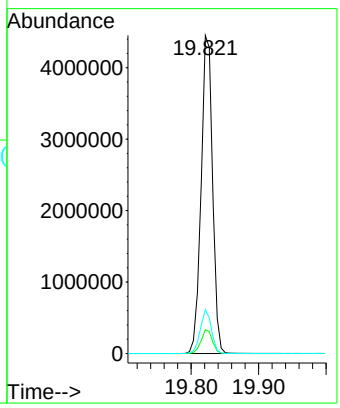




#79
Terphenyl-d14
Concen: 111.348 ng
RT: 19.821 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:244 Resp: 5250065

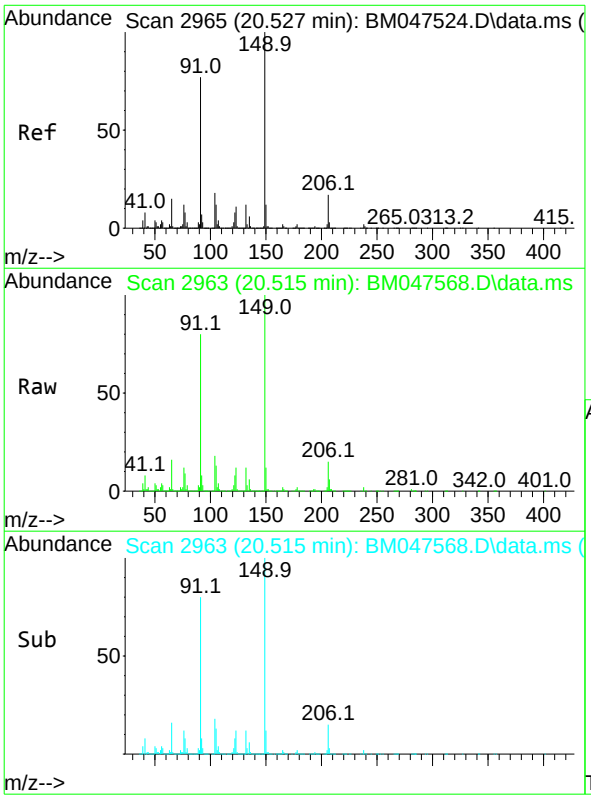
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.8	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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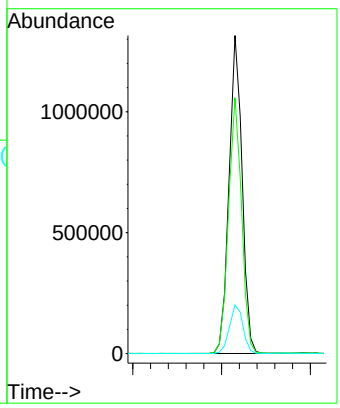
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

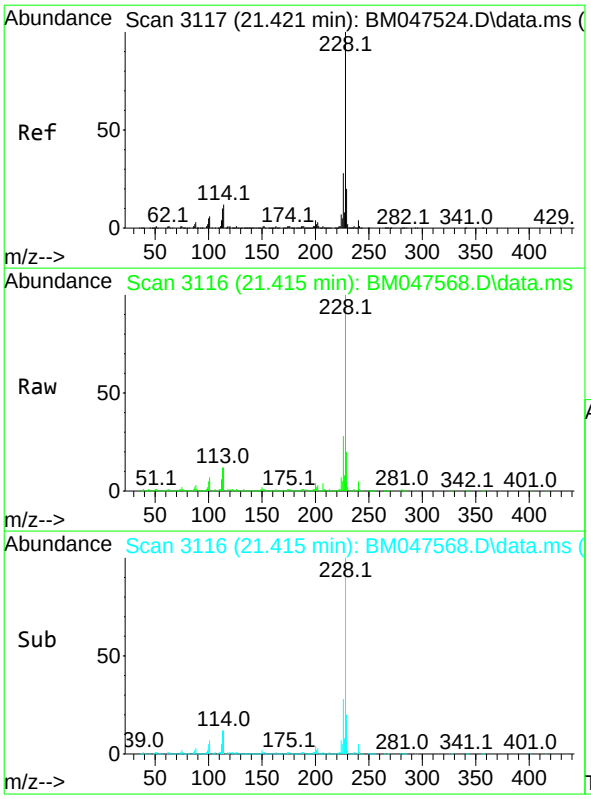


#80
Butylbenzylphthalate
Concen: 56.558 ng
RT: 20.515 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 1341786

Ion	Ratio	Lower	Upper
149	100		
91	80.5	62.0	93.0
206	15.3	13.8	20.8

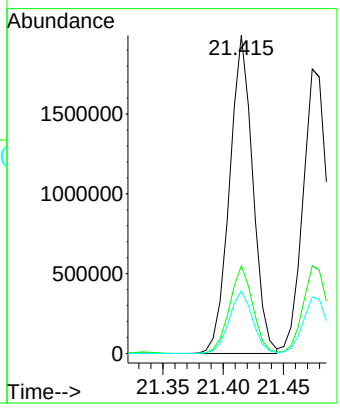




#81
Benzo(a)anthracene
Concen: 48.613 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:228 Resp: 2677135

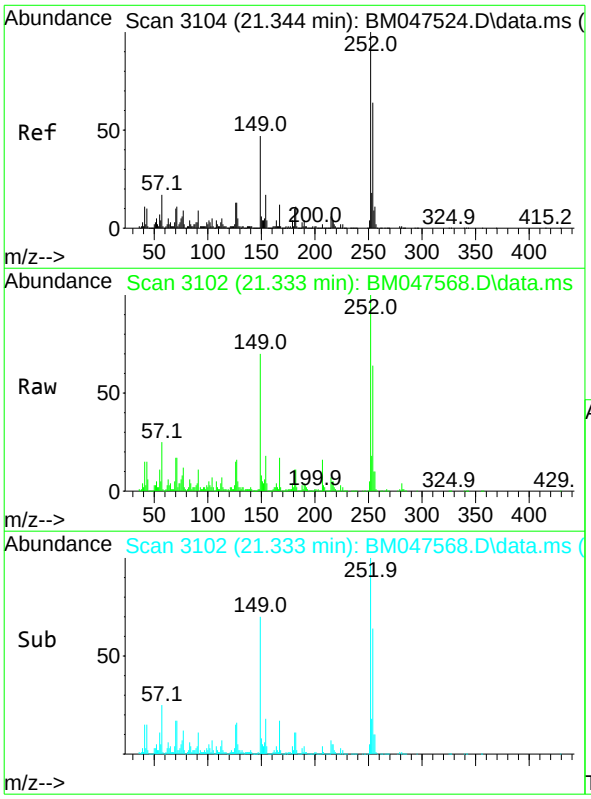
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	19.7	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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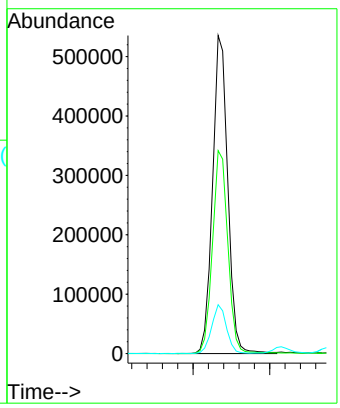
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

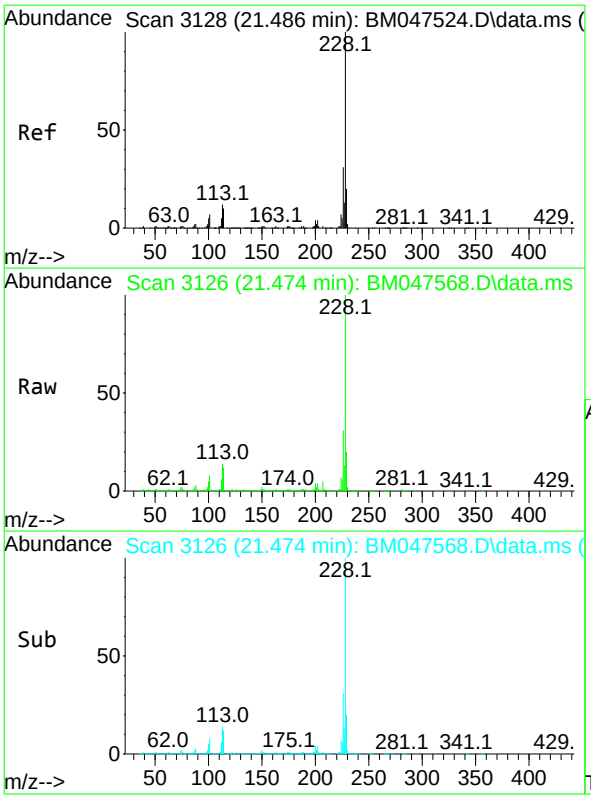


#82
3,3'-Dichlorobenzidine
Concen: 50.365 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 737815

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.4	10.3	15.5

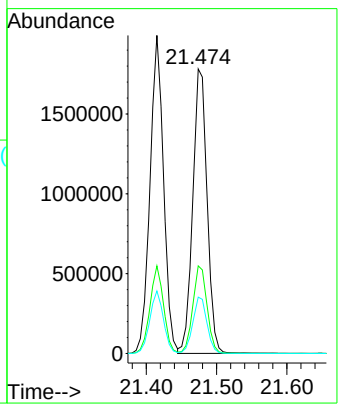




#83
Chrysene
Concen: 48.432 ng
RT: 21.474 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:228 Resp: 2522781

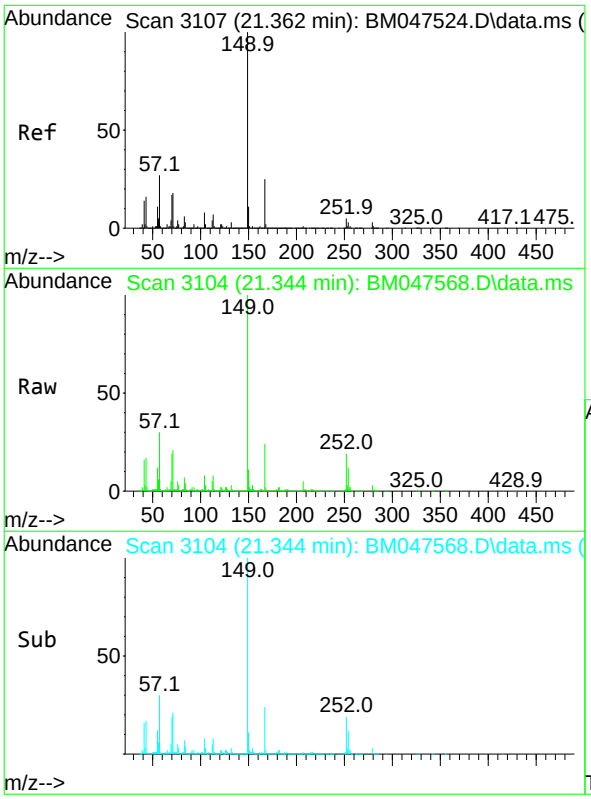
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.8	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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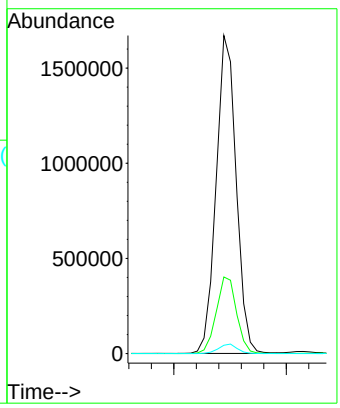
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

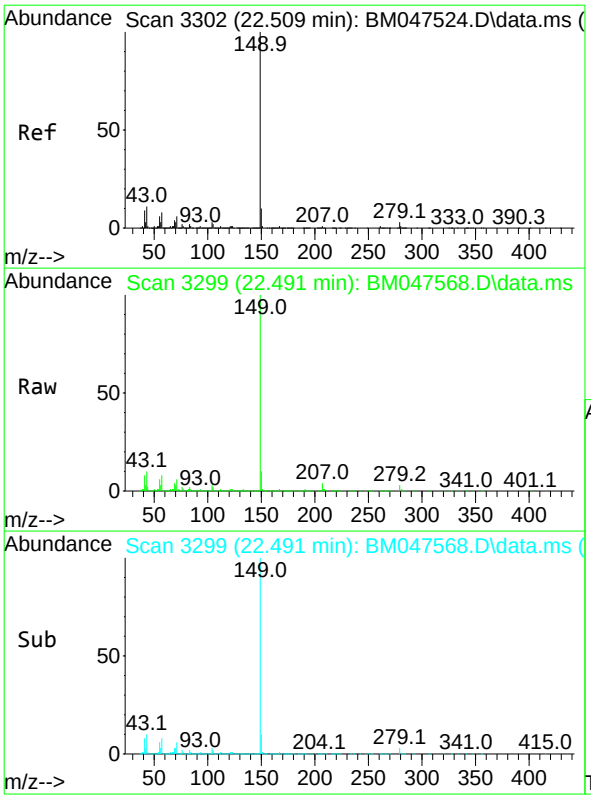


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.572 ng
RT: 21.344 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 2065319

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.2	30.4
279	2.6	2.6	4.0#

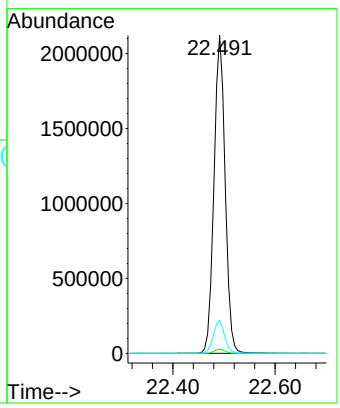




#85
Di-n-octyl phthalate
Concen: 61.068 ng
RT: 22.491 min Scan# 32
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 3210329

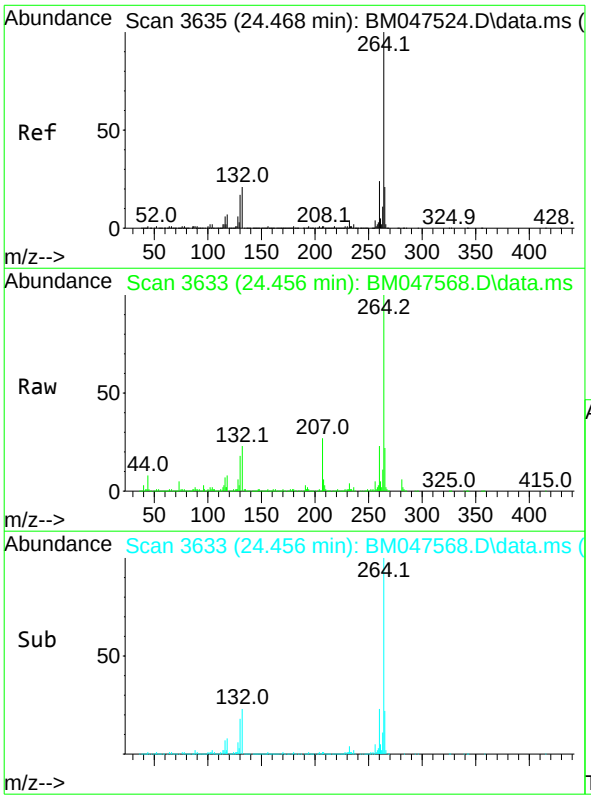
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	10.4	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations APPROVED

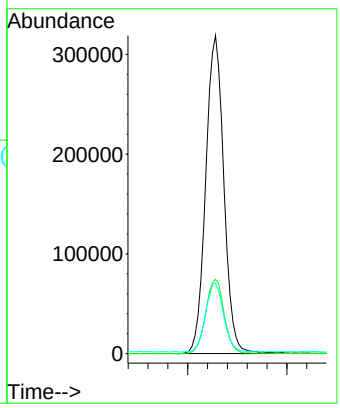
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

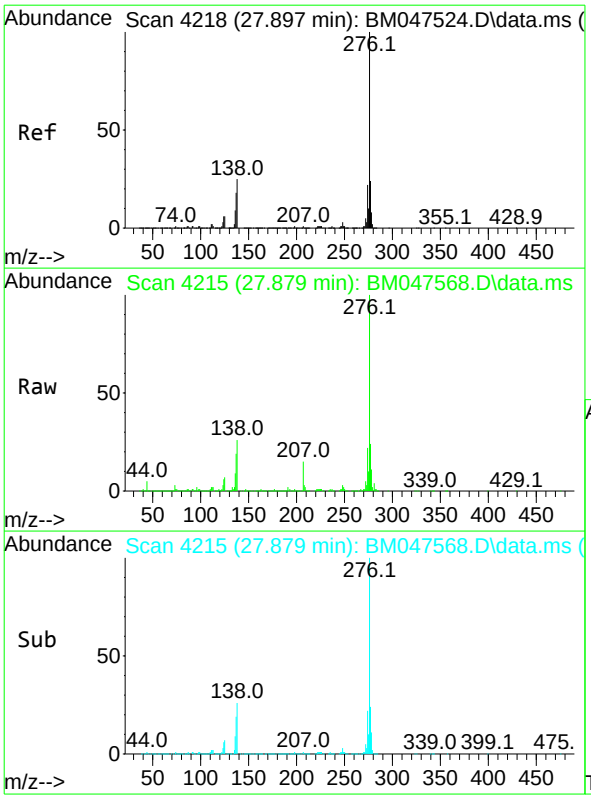


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:264 Resp: 808669

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.1	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 63.665 ng
RT: 27.879 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

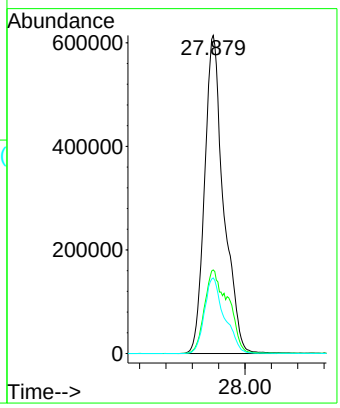
Tgt Ion:276 Resp: 3081058

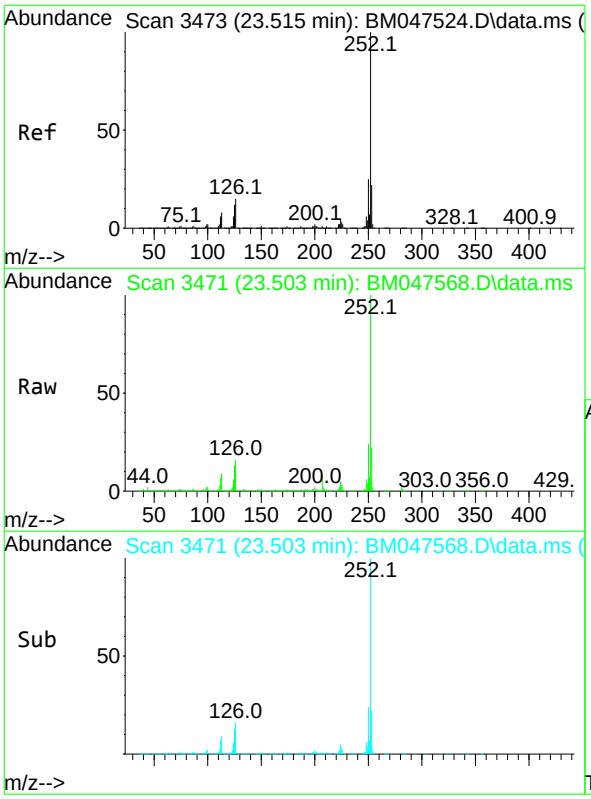
Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	24.9	20.1	30.1

Instrument :
BNA_M
ClientSampleId :
PB163318BS

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

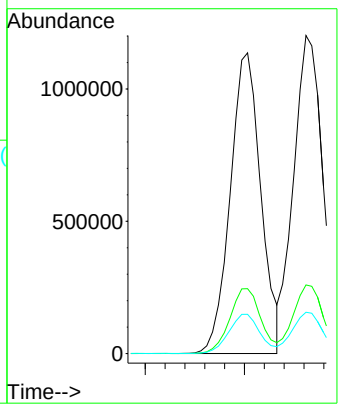


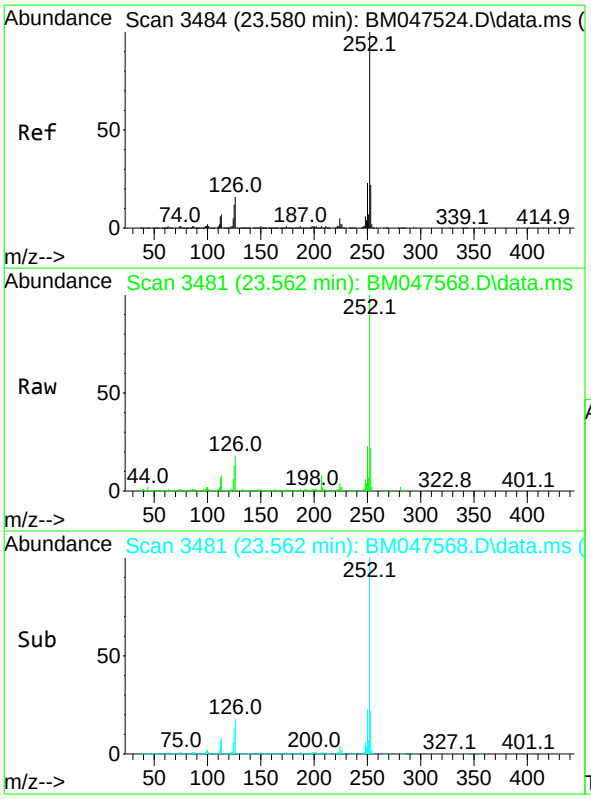


#88
Benzo(b)fluoranthene
Concen: 46.560 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 2436128

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	13.1	9.5	14.3

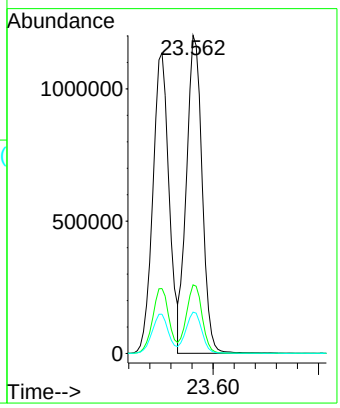




#89
Benzo(k)fluoranthene
Concen: 47.799 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 247862

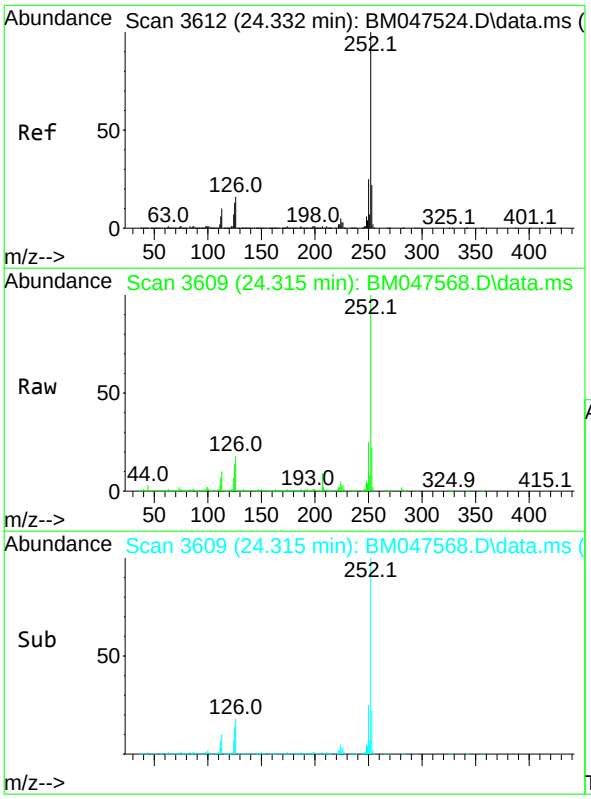
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	13.0	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
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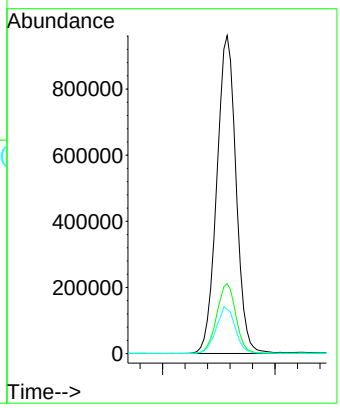
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

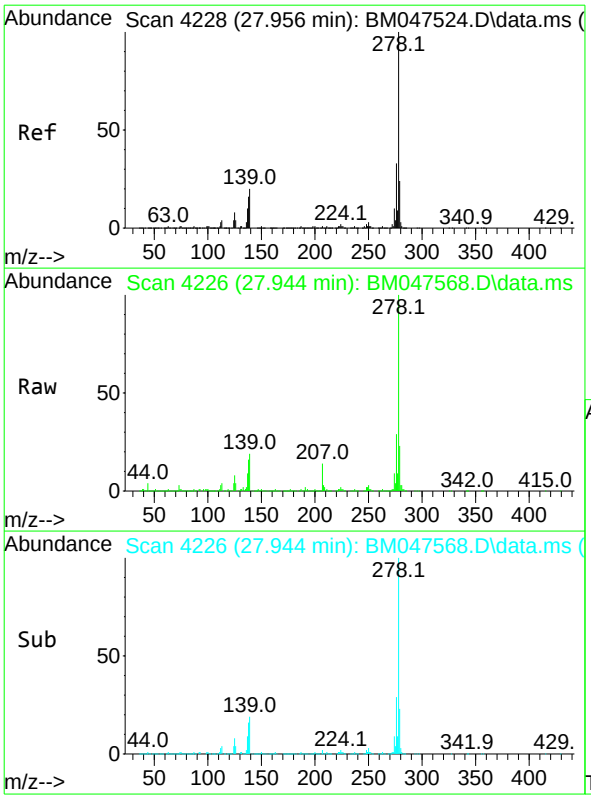


#90
Benzo(a)pyrene
Concen: 53.387 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 2289428

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	14.0	10.2	15.4

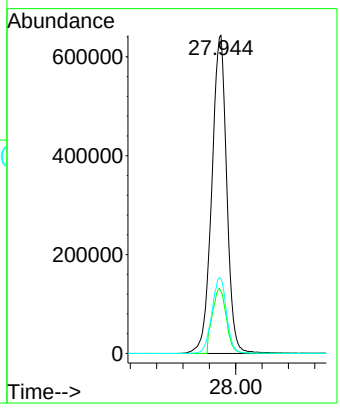




#91
Dibenzo(a,h)anthracene
Concen: 62.334 ng
RT: 27.944 min Scan# 42
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:278 Resp: 2538011

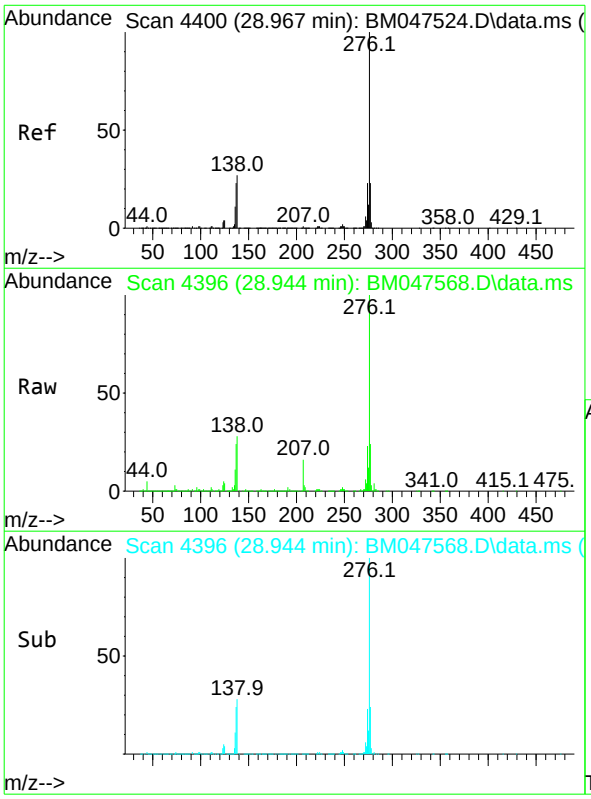
Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.5	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
PB163318BS

Manual Integrations
APPROVED

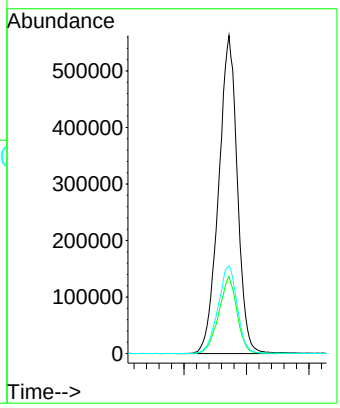
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 58.978 ng
RT: 28.944 min Scan# 4396
Delta R.T. -0.023 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:276 Resp: 2345773

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	27.6	21.5	32.3



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163318BSD	SDG No.:	P3845
Lab Sample ID:	PB163318BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM047569.D	1	09/12/24 08:40	09/19/24 13:54	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	45.6		0.93	5.00	ug/L
95-57-8	2-Chlorophenol	45.1		0.71	5.00	ug/L
95-48-7	2-Methylphenol	44.4		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.9		1.20	10.0	ug/L
88-75-5	2-Nitrophenol	50.6		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	57.5		1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.9		0.88	5.00	ug/L
65-85-0	Benzoic acid	42.0		5.50	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	50.4		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.6		1.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	82.2	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.9		3.10	10.0	ug/L
87-86-5	Pentachlorophenol	110	E	1.90	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	153		10 - 139	102%	SPK: 150
13127-88-3	Phenol-d6	139		10 - 134	92%	SPK: 150
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	313000	7.845			
1146-65-2	Naphthalene-d8	1210000	10.639			
15067-26-2	Acenaphthene-d10	613000	14.474			
1517-22-2	Phenanthrene-d10	1050000	17.21			
1719-03-5	Chrysene-d12	836000	21.433			
1520-96-3	Perylene-d12	807000	24.456			

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	NJ Waste Water PT			Date Received:	
Client Sample ID:	PB163318BSD			SDG No.:	P3845
Lab Sample ID:	PB163318BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BM047569.D	1	09/12/24 08:40	09/19/24 13:54	PB163318

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_M\Data\BM091924\
Data File : BM047569.D
Acq On : 19 Sep 2024 13:54
Operator : RC/JU
Sample : PB163318BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 19 14:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	312652	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1211917	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	613404	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1048553	20.000	ng		0.00
76) Chrysene-d12	21.433	240	835988	20.000	ng		-0.01
86) Perylene-d12	24.456	264	806711	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	3001380	152.849	ng		0.00
7) Phenol-d6	7.004	99	3830819	138.530	ng		0.00
23) Nitrobenzene-d5	8.992	82	2335679	96.452	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	842227	142.050	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	4315694	96.918	ng		-0.01
79) Terphenyl-d14	19.821	244	5281167	113.202	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	327657	38.958	ng		99
3) Pyridine	3.710	79	903337	36.083	ng		98
4) n-Nitrosodimethylamine	3.616	42	463407	40.797	ng		94
6) Aniline	7.163	93	1114446	45.457	ng		100
8) 2-Chlorophenol	7.404	128	977204	45.143	ng		98
9) Benzaldehyde	6.975	77	231232	17.585	ng		99
10) Phenol	7.034	94	1262093	45.581	ng		97
11) bis(2-Chloroethyl)ether	7.263	93	971343	43.696	ng		98
12) 1,3-Dichlorobenzene	7.734	146	1012115	42.717	ng		99
13) 1,4-Dichlorobenzene	7.875	146	1016987	42.141	ng		99
14) 1,2-Dichlorobenzene	8.193	146	971941	40.924	ng		98
15) Benzyl Alcohol	8.075	79	850986	45.431	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1329121	42.505	ng		98
17) 2-Methylphenol	8.281	107	785893	44.429	ng		97
18) Hexachloroethane	8.928	117	420465	43.614	ng		97
19) n-Nitroso-di-n-propyla...	8.645	70	764052	40.979	ng		97
20) 3+4-Methylphenols	8.604	107	1057865	42.861	ng		99
22) Acetophenone	8.663	105	1422087	44.633	ng	#	98
24) Nitrobenzene	9.040	77	1108309	44.540	ng		100
25) Isophorone	9.569	82	1913866	44.955	ng		100
26) 2-Nitrophenol	9.745	139	429354	50.635	ng		99
27) 2,4-Dimethylphenol	9.810	122	739664	57.544	ng		99
28) bis(2-Chloroethoxy)met...	10.045	93	1197364	44.775	ng		100
29) 2,4-Dichlorophenol	10.281	162	765581	46.880	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	770321	41.180	ng		98
31) Naphthalene	10.686	128	2837269	43.348	ng		100
32) Benzoic acid	9.928	122	519346	41.966	ng		98
33) 4-Chloroaniline	10.786	127	680573	28.759	ng		98
34) Hexachlorobutadiene	10.981	225	427487	41.259	ng		99
35) Caprolactam	11.563	113	235553m	43.792	ng		
36) 4-Chloro-3-methylphenol	11.910	107	837721	44.762	ng		96
37) 2-Methylnaphthalene	12.298	142	1842679	42.299	ng		99
38) 1-Methylnaphthalene	12.516	142	1711593	39.536	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	791753	47.701	ng	#	97
41) Hexachlorocyclopentadiene	12.657	237	943035	173.794	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	524521	50.441	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047569.D
Acq On : 19 Sep 2024 13:54
Operator : RC/JU
Sample : PB163318BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 19 14:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	558681	47.566	ng		99
46) 1,1'-Biphenyl	13.310	154	2211954	46.347	ng		100
47) 2-Chloronaphthalene	13.351	162	1676373	45.236	ng		99
48) 2-Nitroaniline	13.545	65	541845	49.780	ng		99
49) Acenaphthylene	14.192	152	2666450	49.861	ng		99
50) Dimethylphthalate	13.927	163	1918542	45.889	ng		99
51) 2,6-Dinitrotoluene	14.039	165	393353	44.568	ng		93
52) Acenaphthene	14.539	154	1907981m	50.920	ng		
53) 3-Nitroaniline	14.369	138	361244	36.824	ng		96
54) 2,4-Dinitrophenol	14.569	184	413034	82.181	ng		99
55) Dibenzofuran	14.869	168	2370535	45.021	ng		98
56) 4-Nitrophenol	14.674	139	855857	106.021	ng		97
57) 2,4-Dinitrotoluene	14.822	165	541137	45.972	ng		97
58) Fluorene	15.516	166	2088643	44.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	424887	46.398	ng		95
60) Diethylphthalate	15.292	149	2032402	45.676	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	907298	41.858	ng		99
62) 4-Nitroaniline	15.521	138	501117	43.457	ng		97
63) Azobenzene	15.804	77	2330821	47.573	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	236745	44.877	ng		96
66) n-Nitrosodiphenylamine	15.721	169	1565272	48.797	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	456056	44.762	ng		98
68) Hexachlorobenzene	16.521	284	520321	45.080	ng		99
69) Atrazine	16.668	200	461837	52.091	ng		99
70) Pentachlorophenol	16.857	266	708658	105.917	ng		99
71) Phenanthrene	17.251	178	2723635	47.134	ng		100
72) Anthracene	17.339	178	2748272	49.502	ng		99
73) Carbazole	17.604	167	2574886	46.799	ng		99
74) Di-n-butylphthalate	18.180	149	3281482	49.847	ng		99
75) Fluoranthene	19.256	202	2772764	43.979	ng		97
77) Benzidine	19.439	184	1041881	88.491	ng		99
78) Pyrene	19.621	202	2942597	48.256	ng		99
80) Butylbenzylphthalate	20.515	149	1320356	56.247	ng		96
81) Benzo(a)anthracene	21.415	228	2675714	49.105	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	744323	51.351	ng	#	97
83) Chrysene	21.474	228	2502737	48.559	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2039617	55.465	ng		98
85) Di-n-octyl phthalate	22.492	149	3174143	61.023	ng		98
87) Indeno(1,2,3-cd)pyrene	27.885	276	3072358	63.640	ng		98
88) Benzo(b)fluoranthene	23.503	252	2406481	46.105	ng		98
89) Benzo(k)fluoranthene	23.568	252	2482785	47.996	ng		99
90) Benzo(a)pyrene	24.315	252	2282601	53.357	ng		98
91) Dibenzo(a,h)anthracene	27.938	278	2557213	62.958	ng		99
92) Benzo(g,h,i)perylene	28.950	276	2340478	58.988	ng		99

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

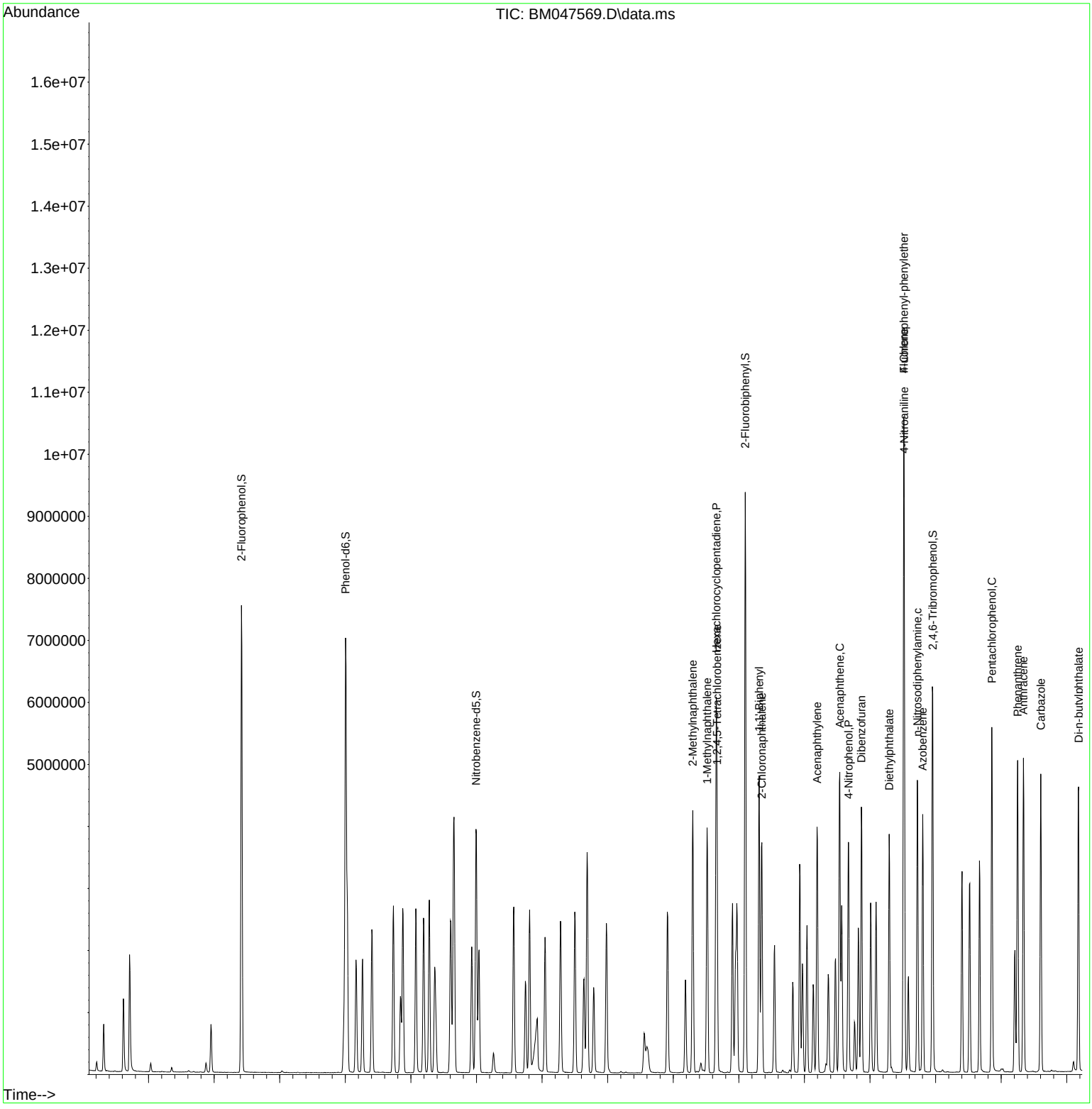
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Data File : BM047569.D
Acq On : 19 Sep 2024 13:54
Operator : RC/JU
Sample : PB163318BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 19 14:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



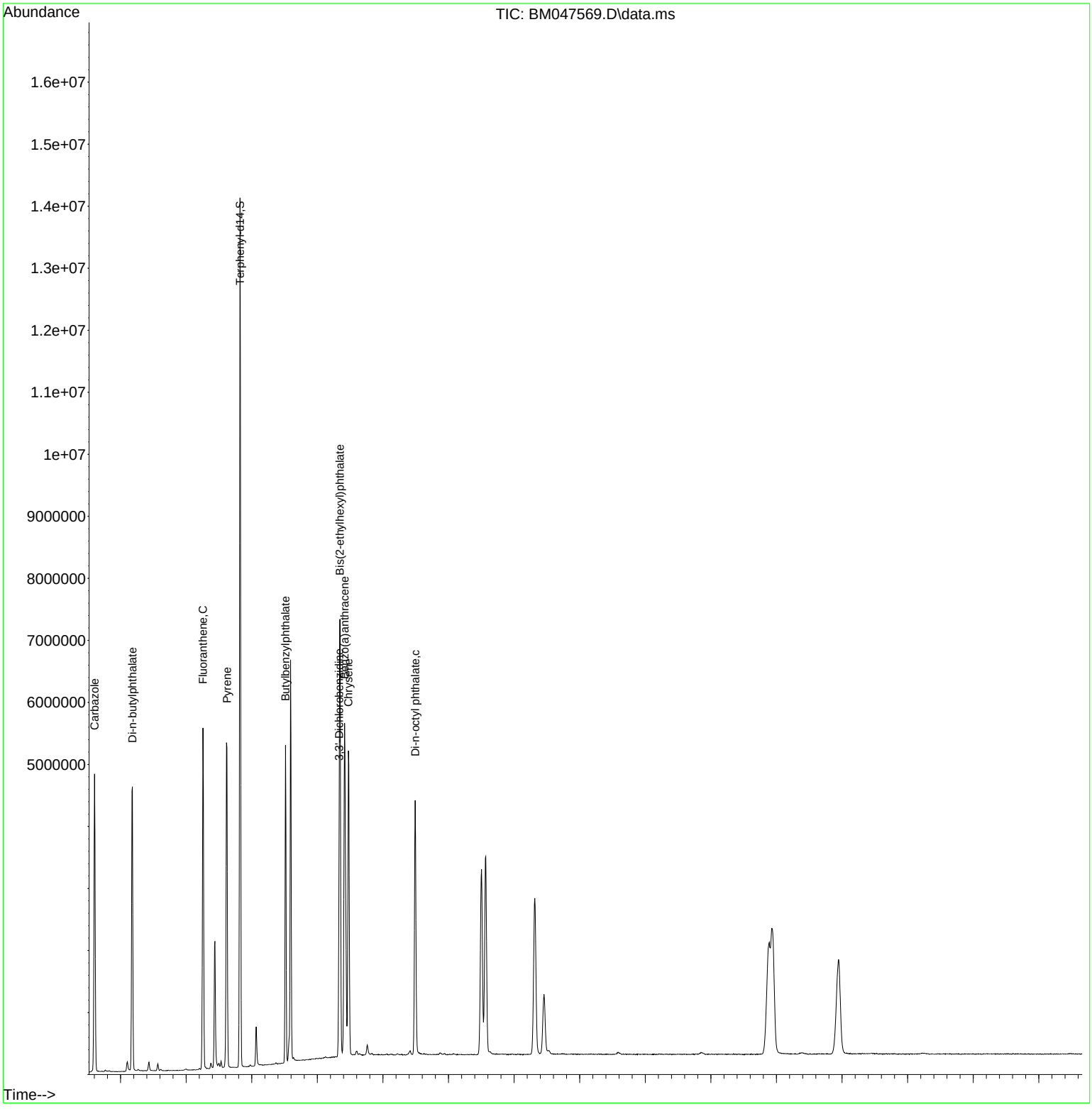
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Data File : BM047569.D
Acq On : 19 Sep 2024 13:54
Operator : RC/JU
Sample : PB163318BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

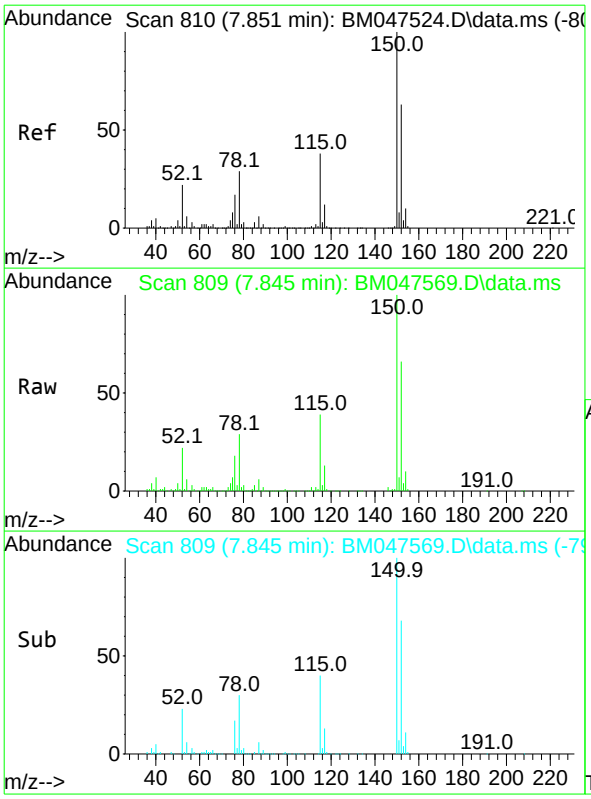
Quant Time: Sep 19 14:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations APPROVED

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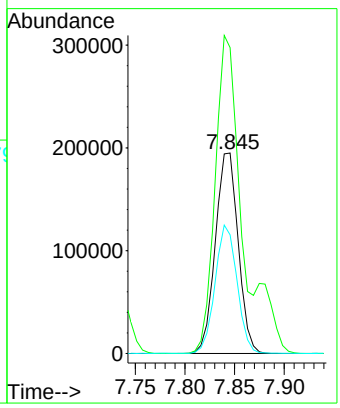




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:152 Resp: 312652

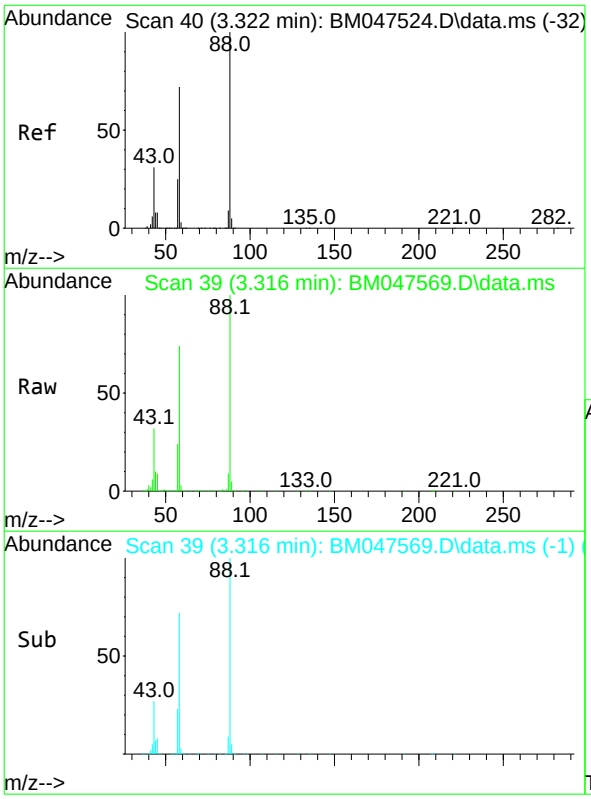
Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.8	190.2
115	59.2	47.8	71.8



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

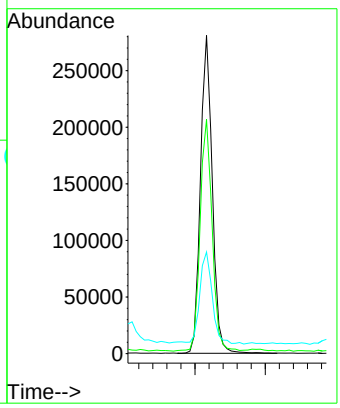
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

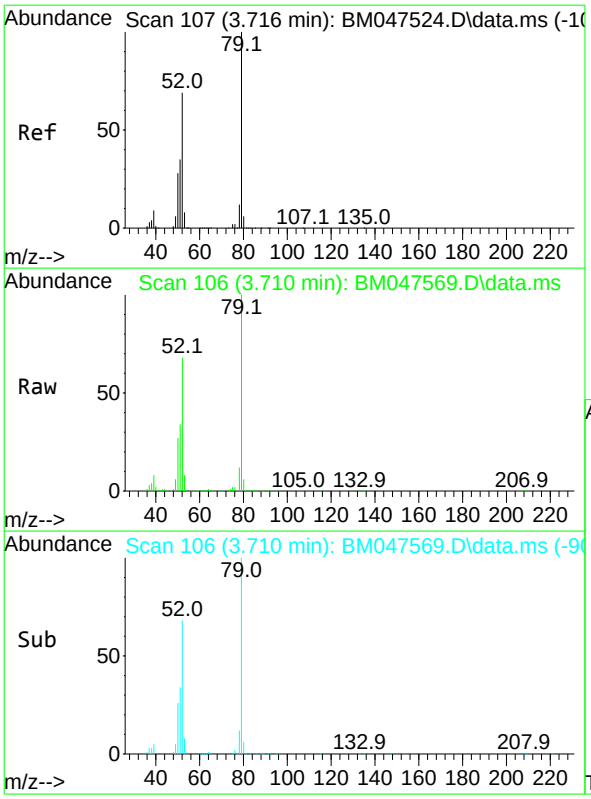


#2
1,4-Dioxane
Concen: 38.958 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 88 Resp: 327657

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.0	88.6
43	29.6	25.0	37.4

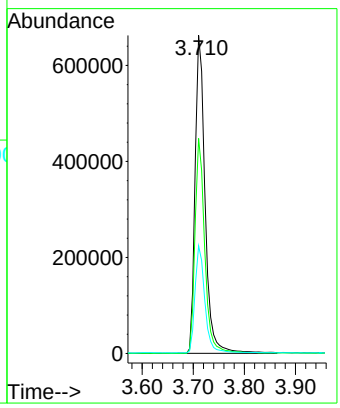




#3
Pyridine
Concen: 36.083 ng
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 79 Resp: 903337

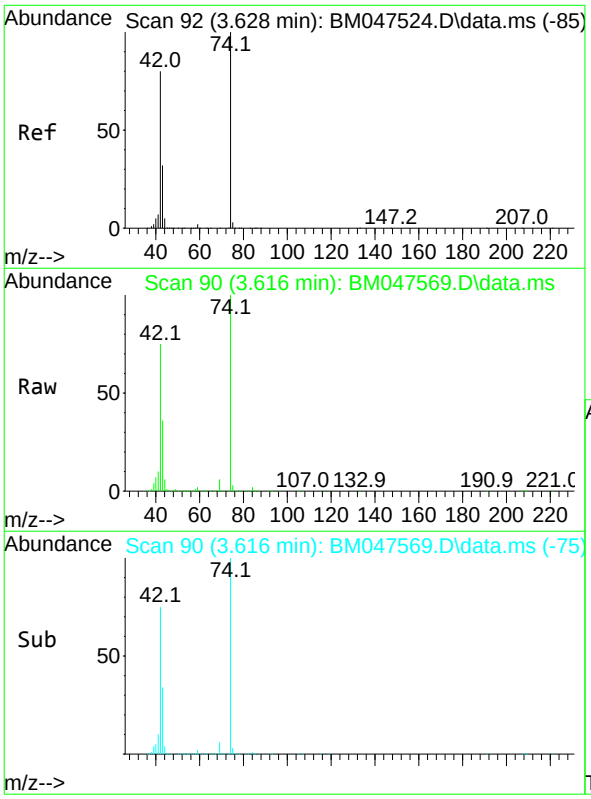
Ion	Ratio	Lower	Upper
79	100		
52	67.6	55.4	83.0
51	33.9	27.9	41.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

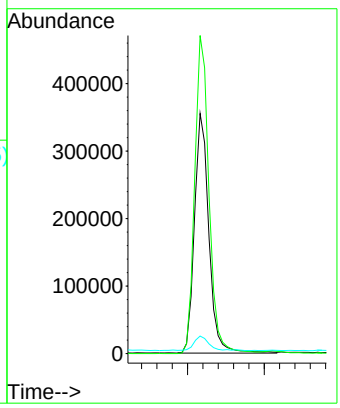
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

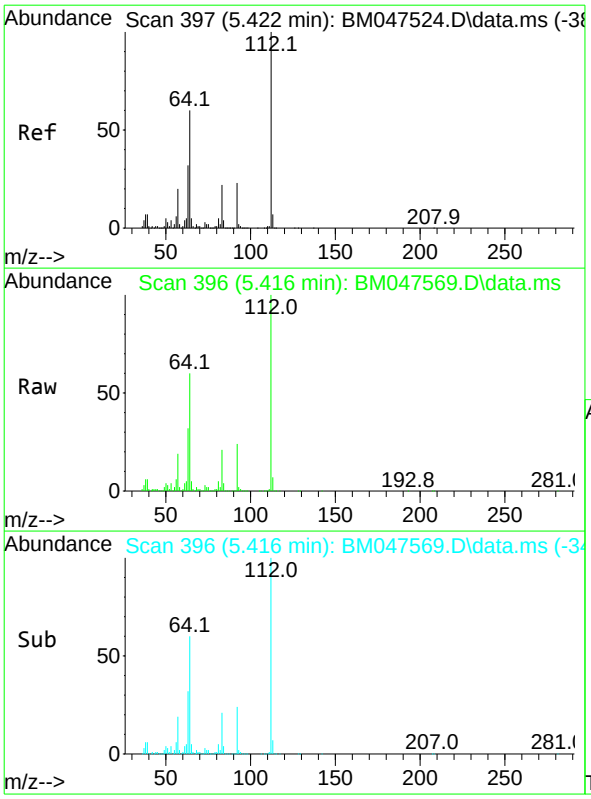


#4
n-Nitrosodimethylamine
Concen: 40.797 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 42 Resp: 463407

Ion	Ratio	Lower	Upper
42	100		
74	132.5	100.5	150.7
44	7.3	6.9	10.3

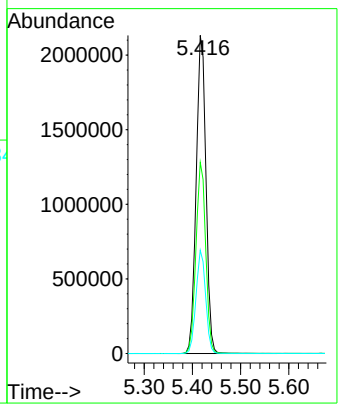




#5
2-Fluorophenol
Concen: 152.849 ng
RT: 5.416 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:112 Resp: 3001380

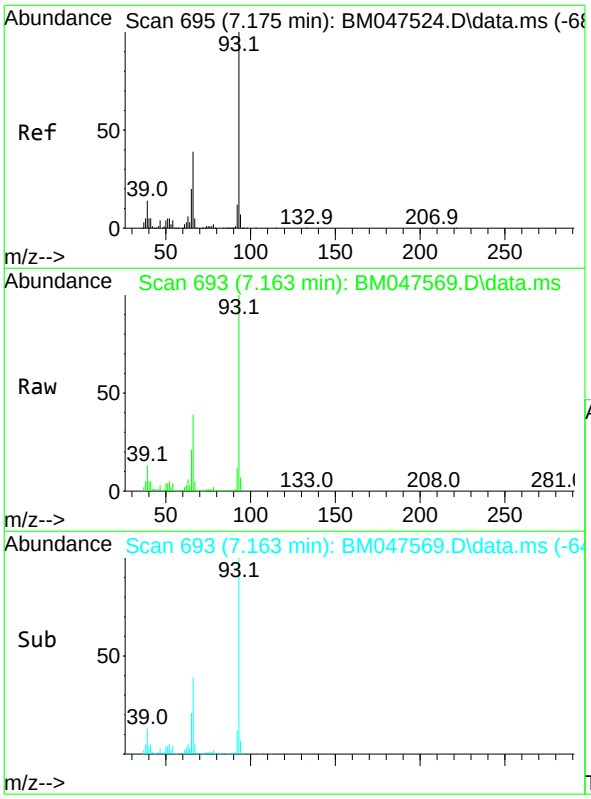
Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.2	72.4
63	32.5	26.0	39.0



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

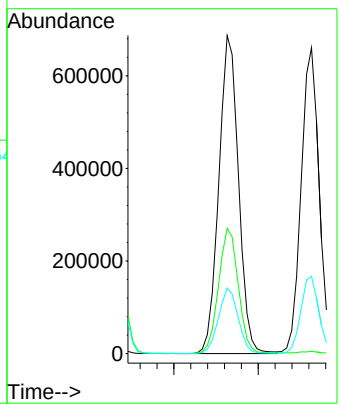
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

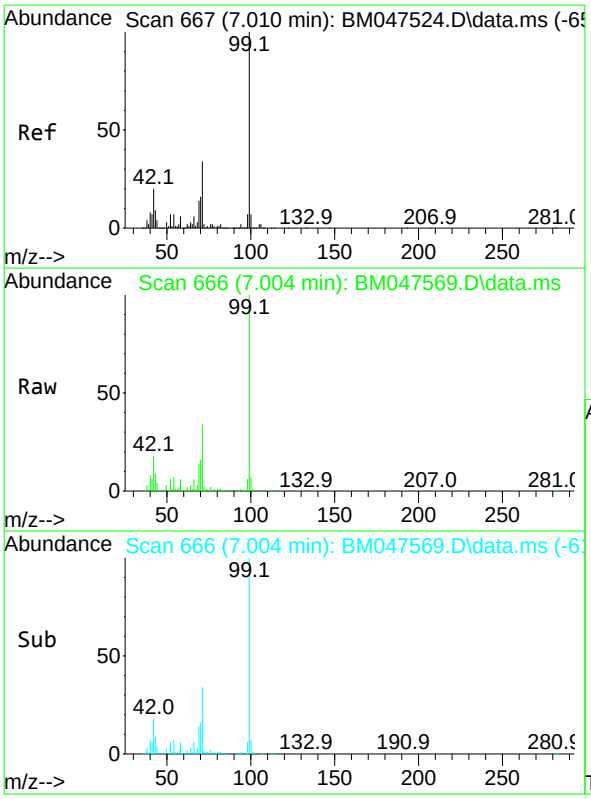


#6
Aniline
Concen: 45.457 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 93 Resp: 1114446

Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.4	47.0
65	20.6	16.3	24.5

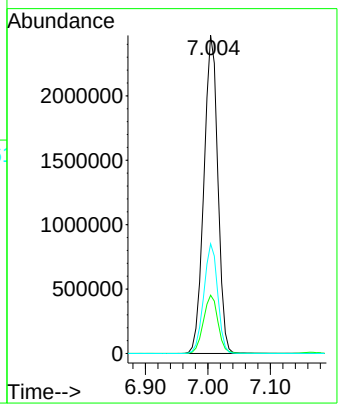




#7
Phenol-d6
Concen: 138.530 ng
RT: 7.004 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 99 Resp: 3830819

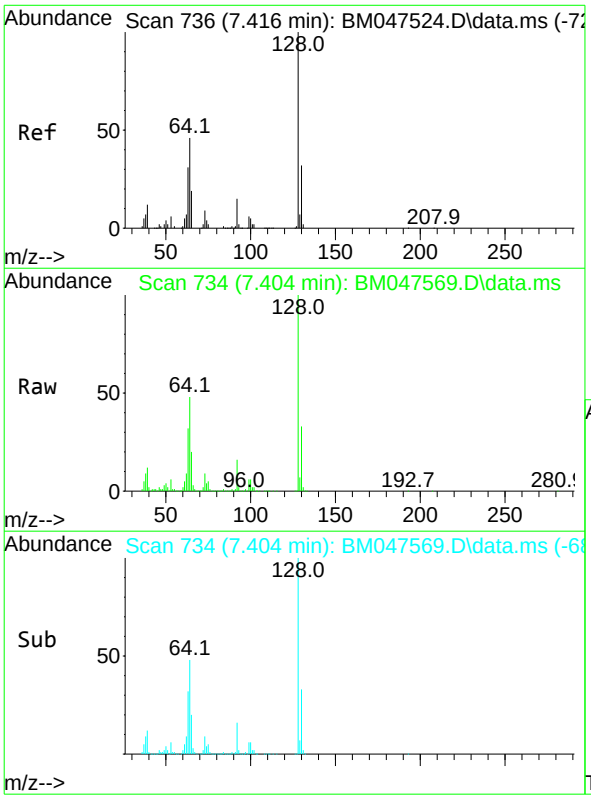
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.8
71	34.5	27.6	41.4



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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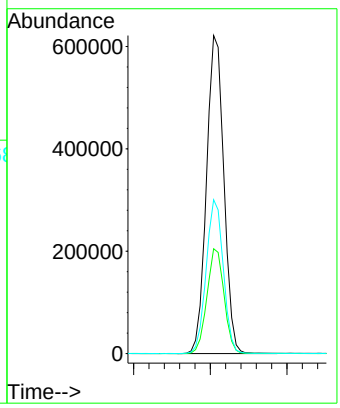
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

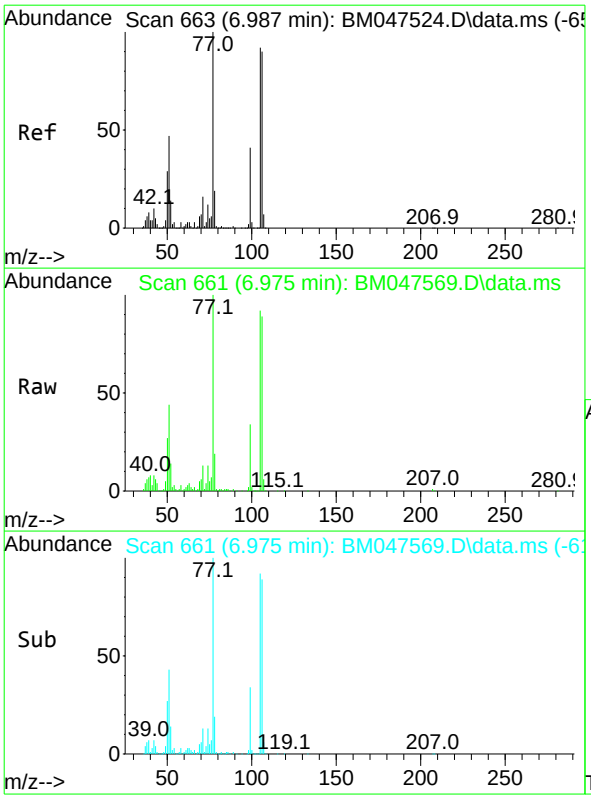


#8
2-Chlorophenol
Concen: 45.143 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:128 Resp: 977204

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.8	51.8
64	48.4	27.6	67.6

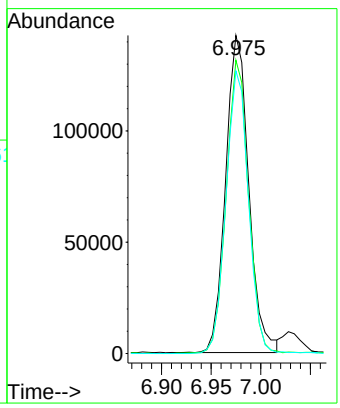




#9
Benzaldehyde
Concen: 17.585 ng
RT: 6.975 min Scan# 66
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 77 Resp: 231232

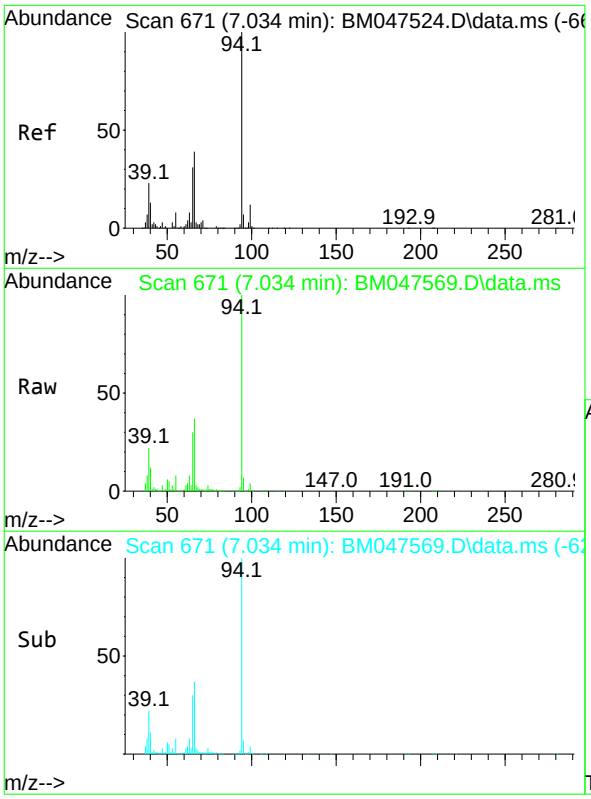
Ion	Ratio	Lower	Upper
77	100		
105	92.2	71.8	111.8
106	88.9	69.7	109.7



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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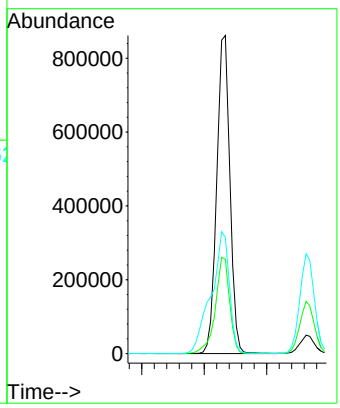
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

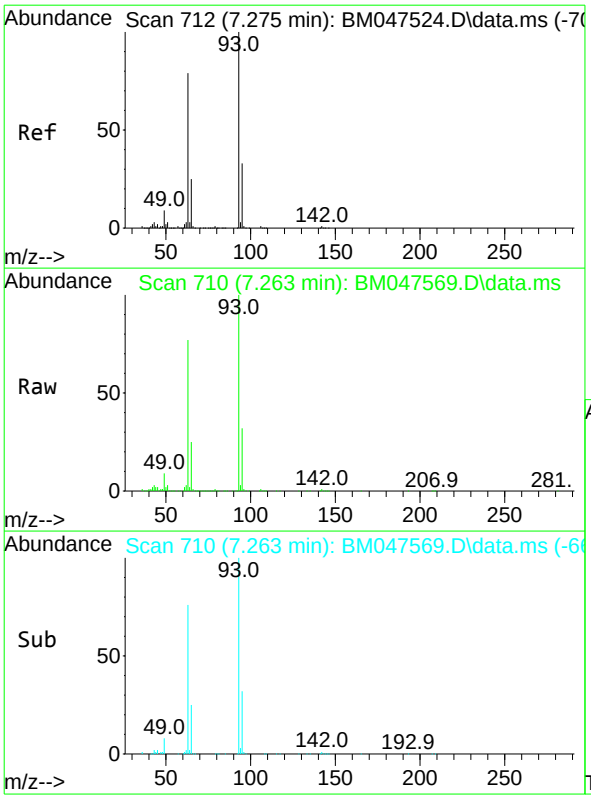


#10
Phenol
Concen: 45.581 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 94 Resp: 1262093

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.8	50.8
66	36.5	19.2	59.2

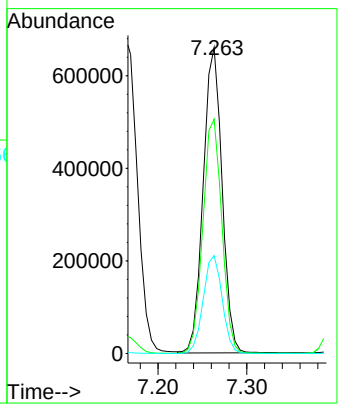




#11
bis(2-Chloroethyl)ether
Concen: 43.696 ng
RT: 7.263 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 93 Resp: 971343

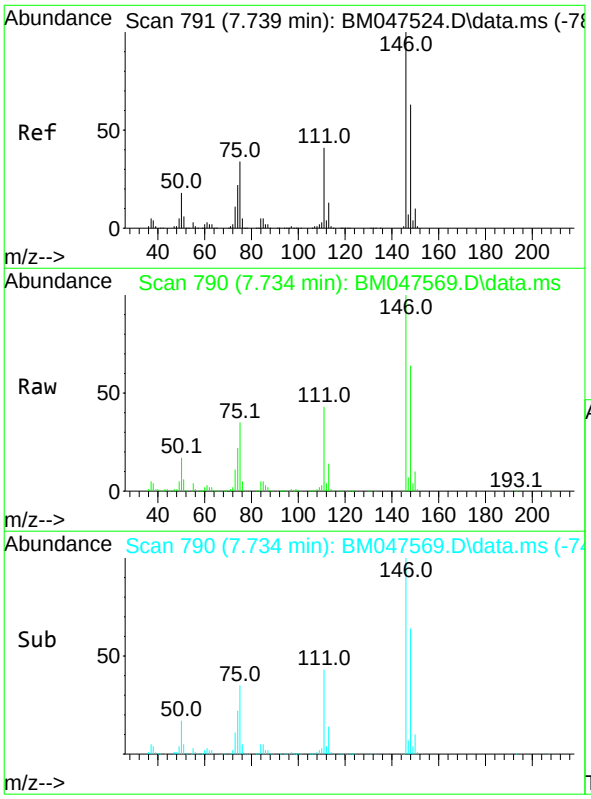
Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.2	98.2
95	32.0	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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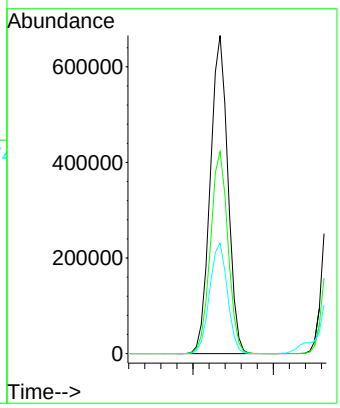
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

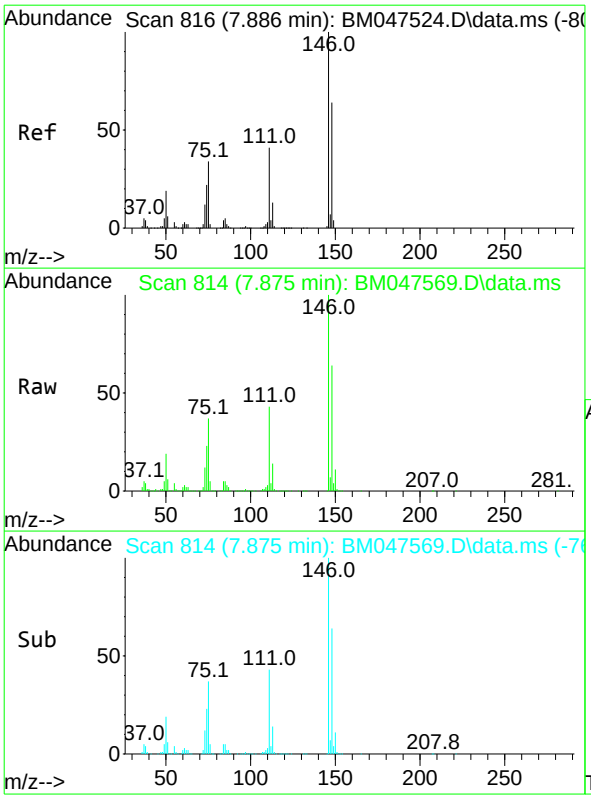


#12
1,3-Dichlorobenzene
Concen: 42.717 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:146 Resp: 1012115

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
75	34.8	27.4	41.0

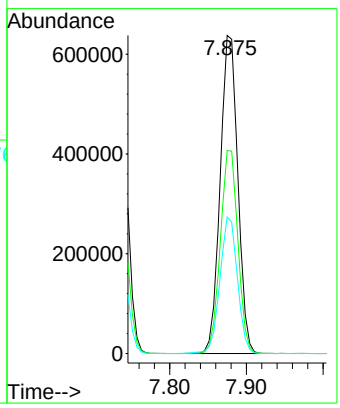




#13
1,4-Dichlorobenzene
Concen: 42.141 ng
RT: 7.875 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:146 Resp: 1016987

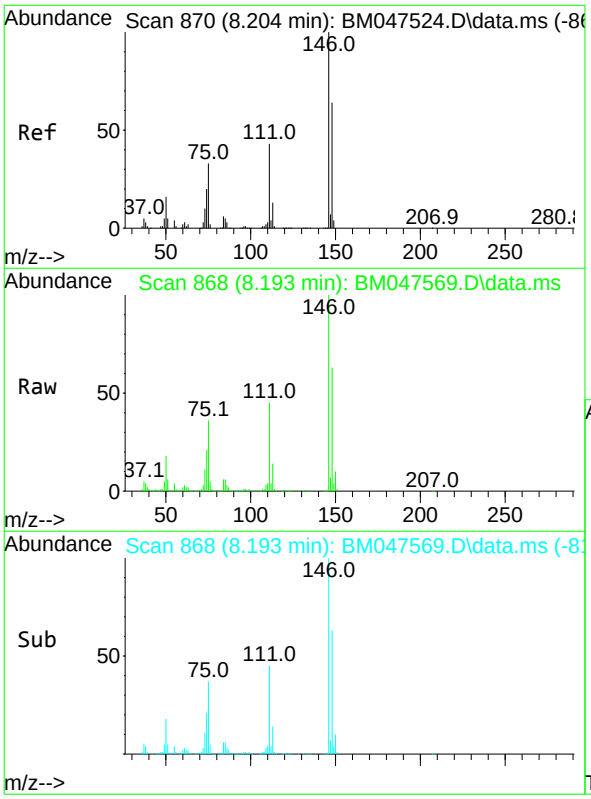
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	42.9	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

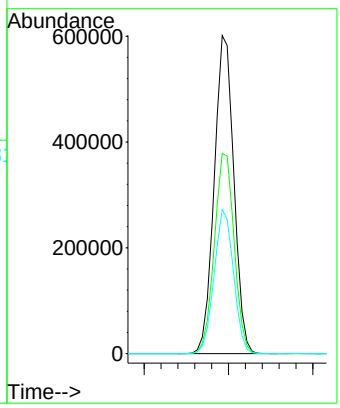
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

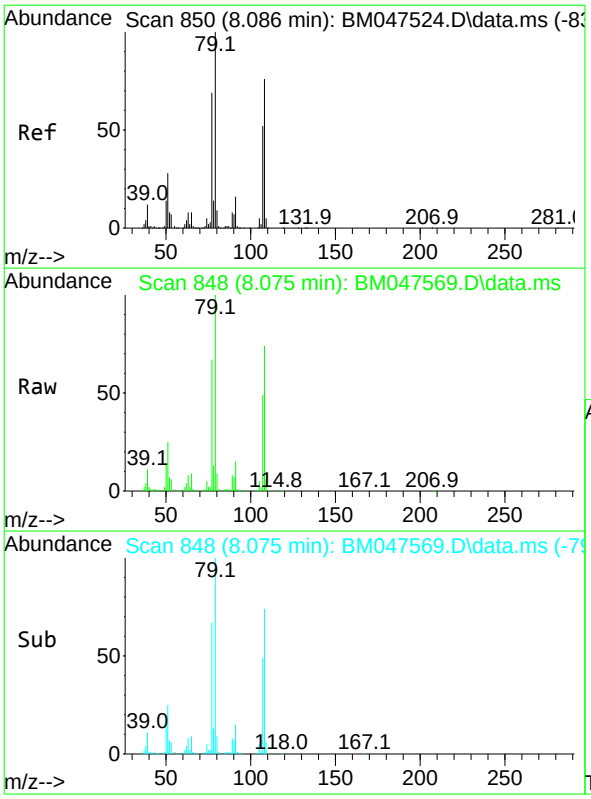


#14
1,2-Dichlorobenzene
Concen: 40.924 ng
RT: 8.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:146 Resp: 971941

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	45.3	34.7	52.1

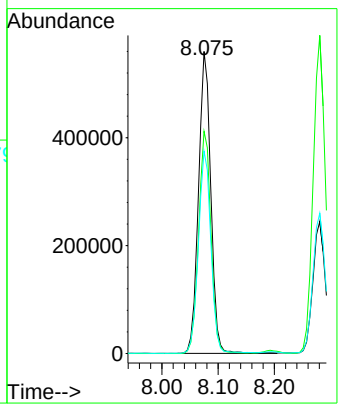




#15
Benzyl Alcohol
Concen: 45.431 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 79 Resp: 850986

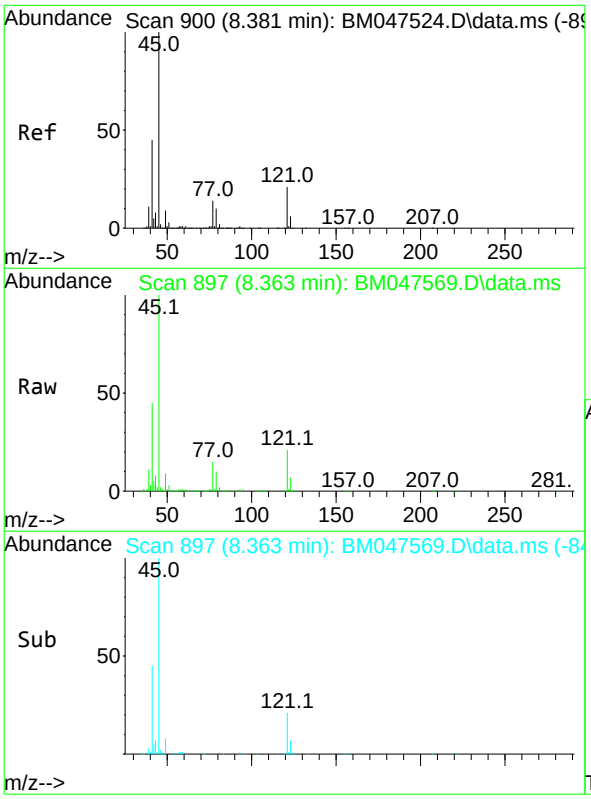
Ion	Ratio	Lower	Upper
79	100		
108	73.5	60.6	91.0
77	67.0	55.0	82.4



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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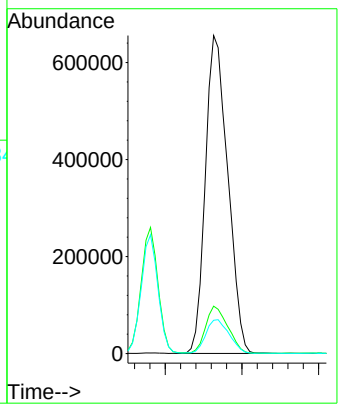
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

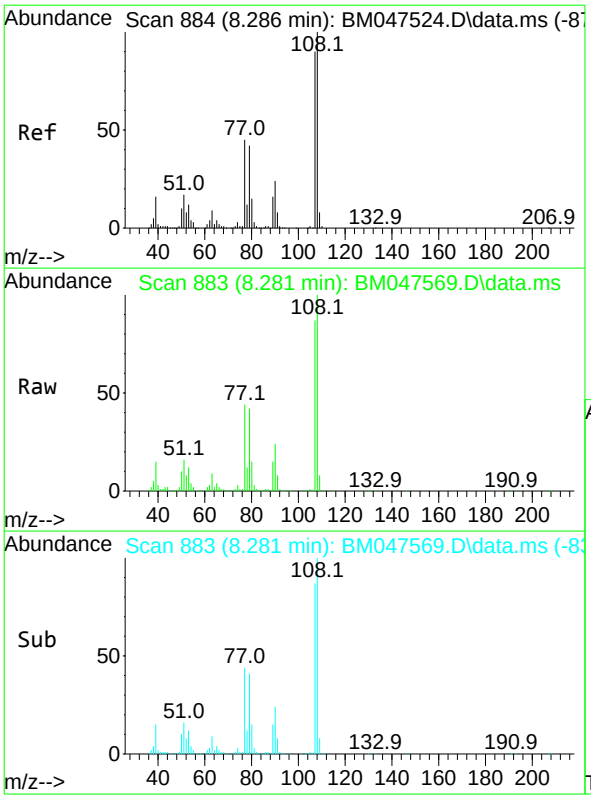


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.505 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 45 Resp: 1329121

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	33.7
79	10.5	0.0	30.3

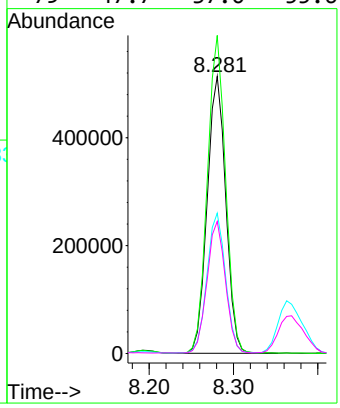




#17
2-Methylphenol
Concen: 44.429 ng
RT: 8.281 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:107 Resp: 785893

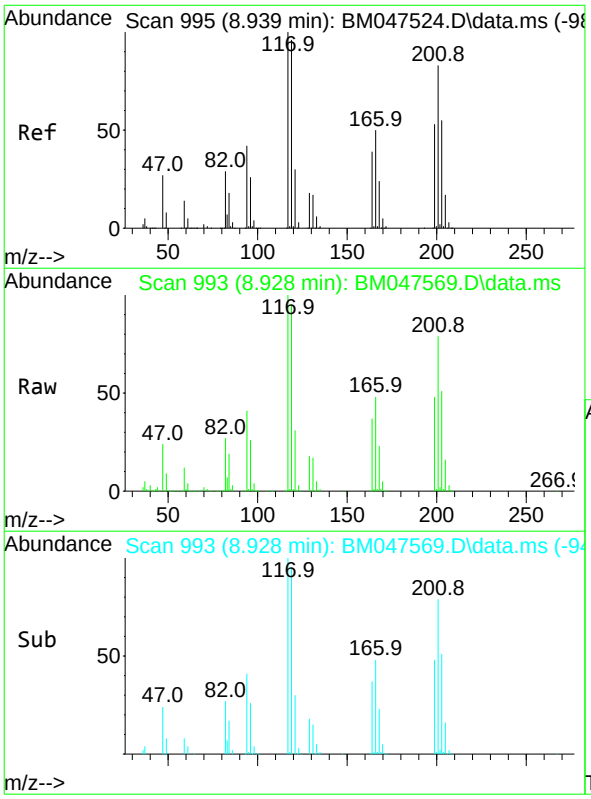
Ion	Ratio	Lower	Upper
107	100		
108	114.8	88.9	133.3
77	50.6	39.8	59.8
79	47.7	37.0	55.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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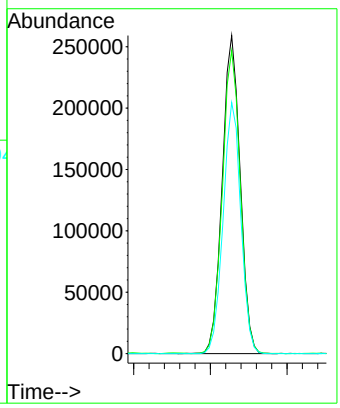
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

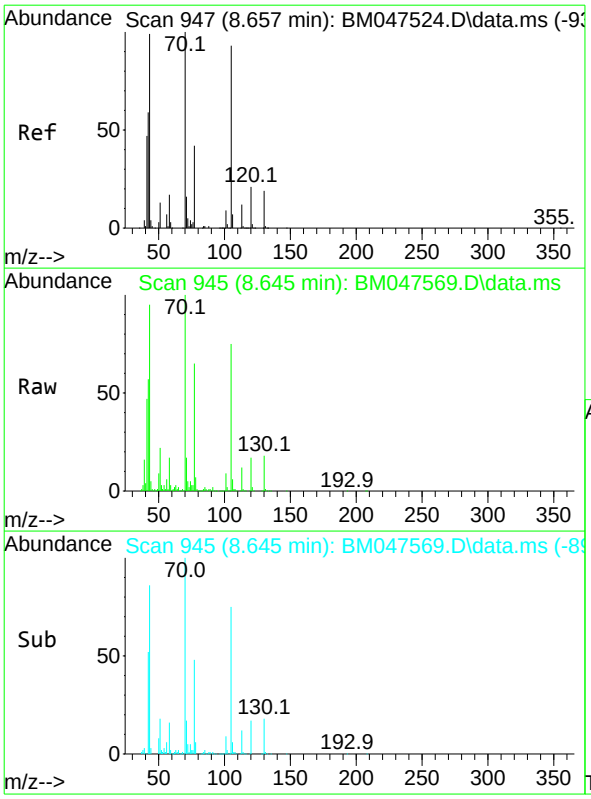


#18
Hexachloroethane
Concen: 43.614 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:117 Resp: 420465

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	78.9	66.8	100.2

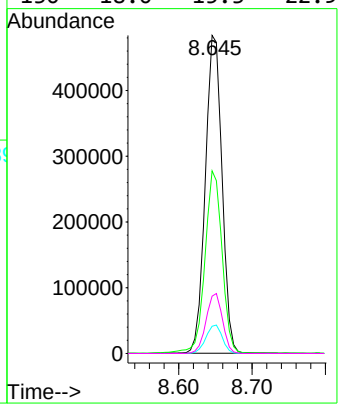




#19
n-Nitroso-di-n-propylamine
Concen: 40.979 ng
RT: 8.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 70 Resp: 764052

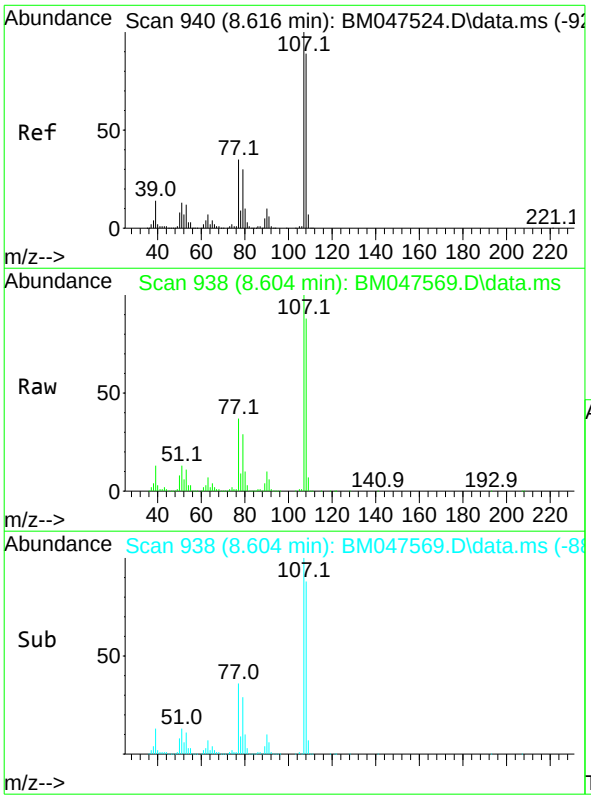
Ion	Ratio	Lower	Upper
70	100		
42	57.4	48.2	72.2
101	8.6	7.0	10.4
130	18.0	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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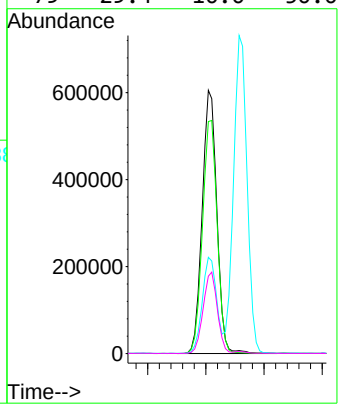
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

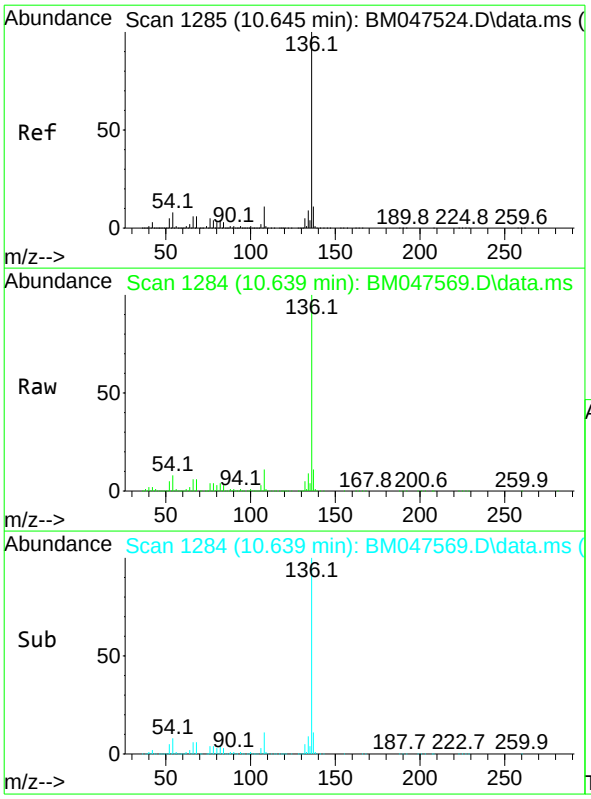


#20
3+4-Methylphenols
Concen: 42.861 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:107 Resp: 1057865

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.9	108.9
77	36.6	15.5	55.5
79	29.4	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

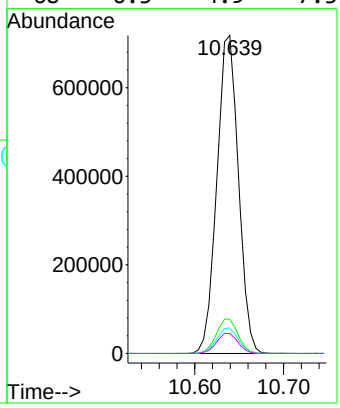
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

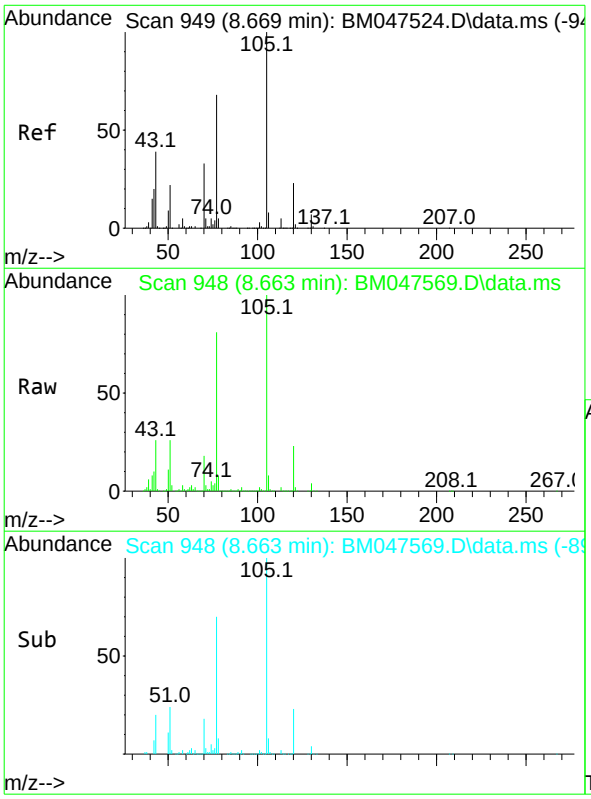
Tgt Ion:136 Resp: 1211917

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.0	6.6	9.8
68	6.3	4.9	7.3

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

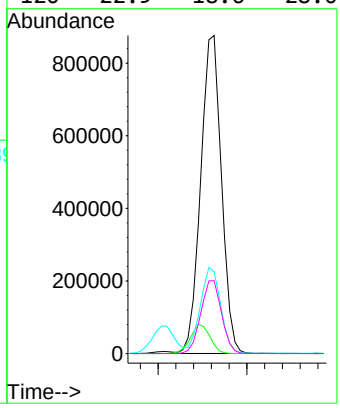


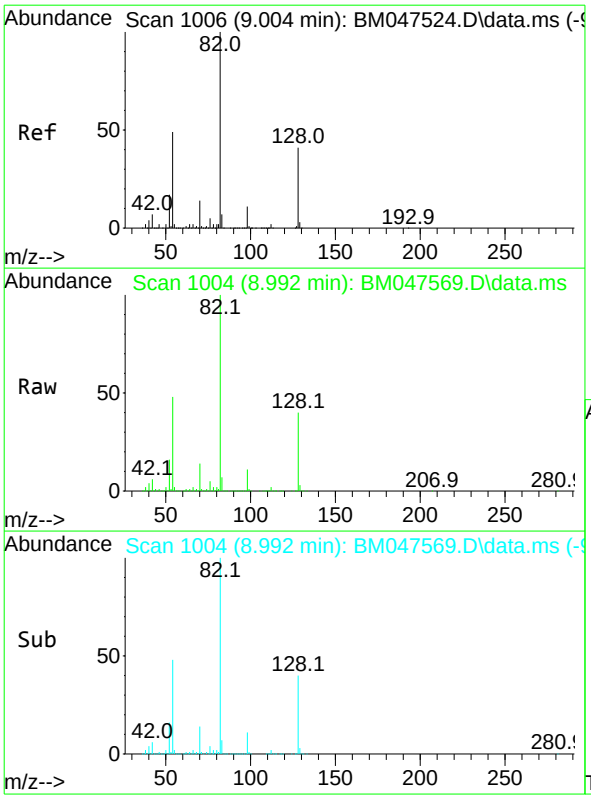


#22
Acetophenone
Concen: 44.633 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:105 Resp: 1422087

Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.3	6.5#
51	25.7	21.5	32.3
120	22.9	18.6	28.0

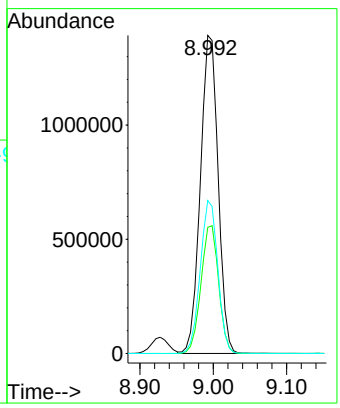




#23
Nitrobenzene-d5
Concen: 96.452 ng
RT: 8.992 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 82 Resp: 2335679

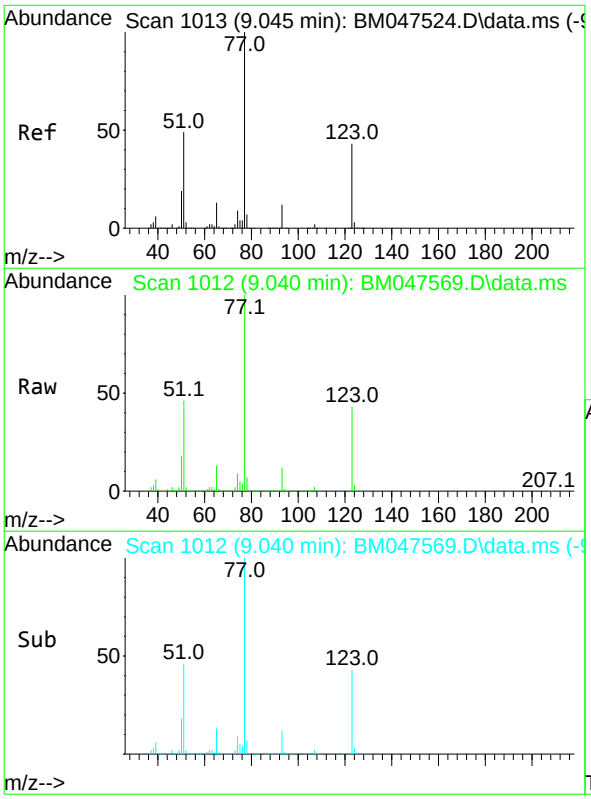
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	48.1	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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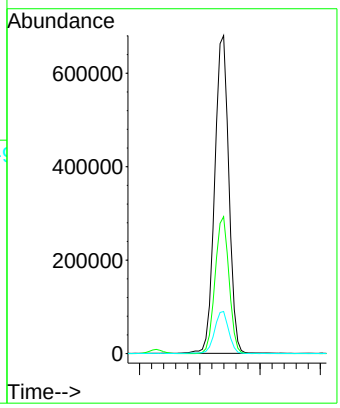
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

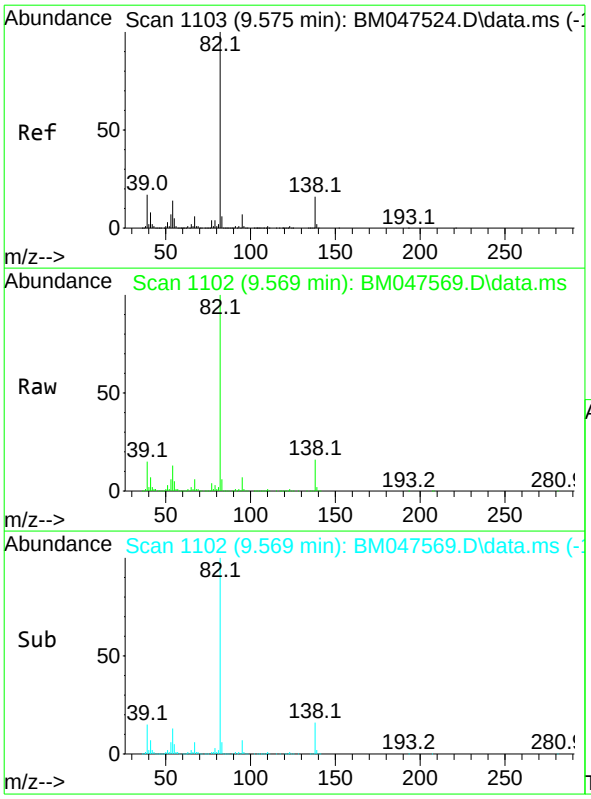


#24
Nitrobenzene
Concen: 44.540 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 77 Resp: 1108309

Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.5	51.7
65	13.2	10.7	16.1

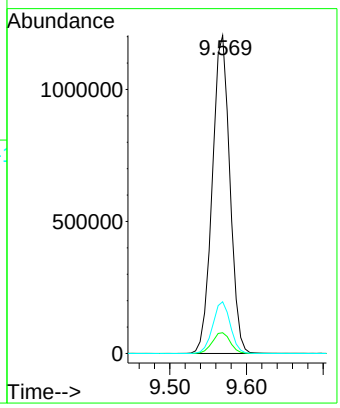




#25
Isophorone
Concen: 44.955 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 82 Resp: 1913866

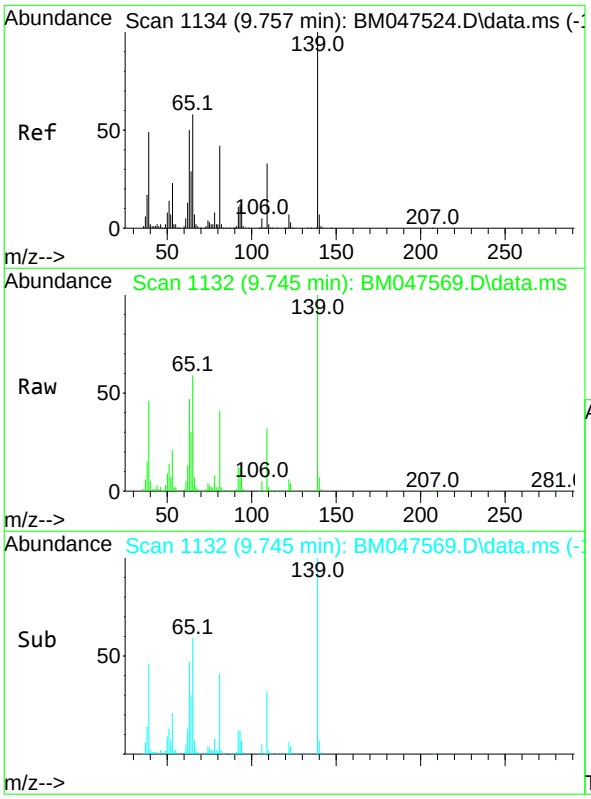
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	16.3	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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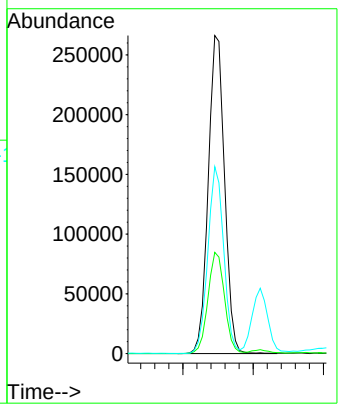
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

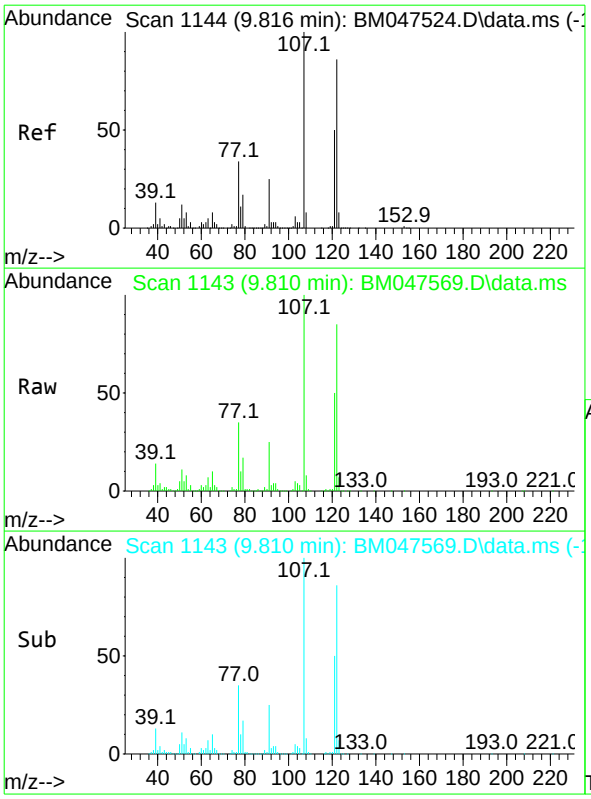


#26
2-Nitrophenol
Concen: 50.635 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:139 Resp: 429354

Ion	Ratio	Lower	Upper
139	100		
109	31.8	26.0	39.0
65	58.8	46.2	69.4

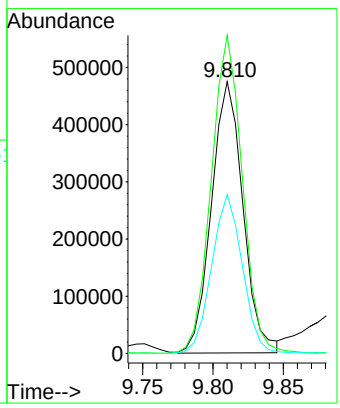




#27
2,4-Dimethylphenol
Concen: 57.544 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:122 Resp: 739664

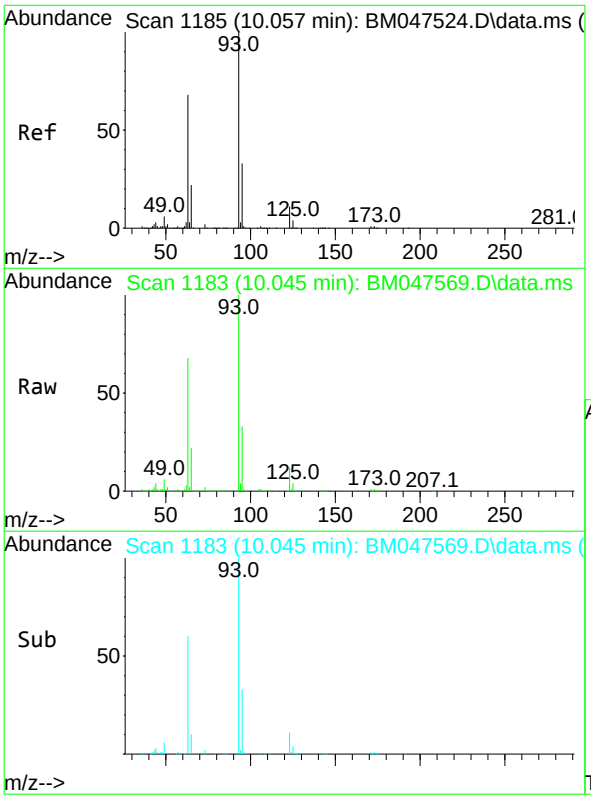
Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.4	138.6
121	58.4	46.2	69.4



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

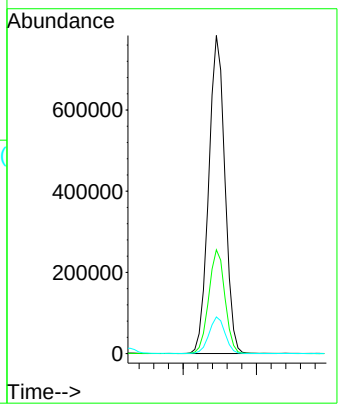
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

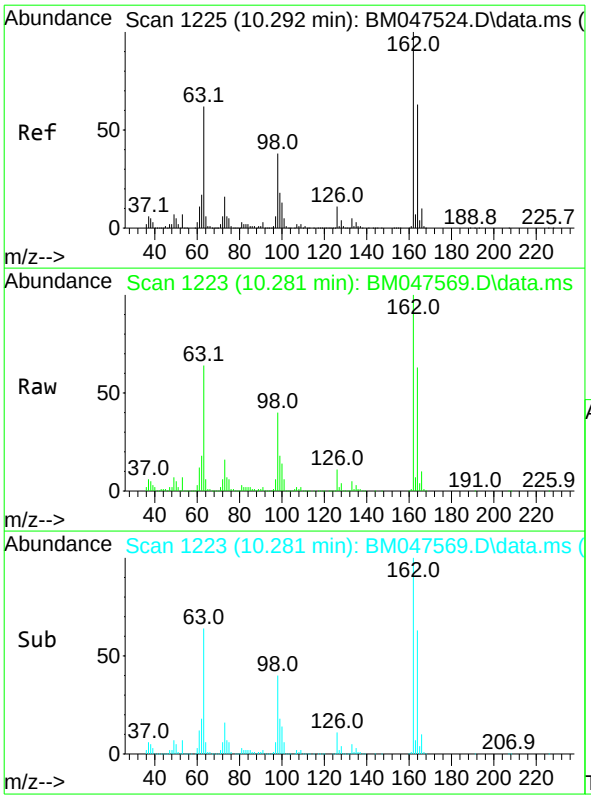


#28
bis(2-Chloroethoxy)methane
Concen: 44.775 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 93 Resp: 1197364

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.5	9.2	13.8

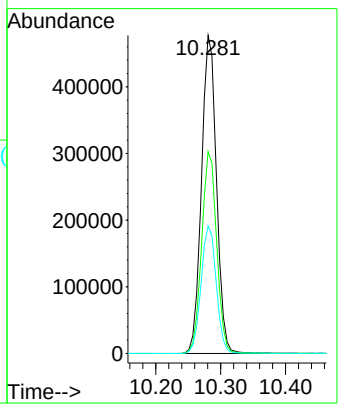




#29
2,4-Dichlorophenol
Concen: 46.880 ng
RT: 10.281 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:162 Resp: 765581

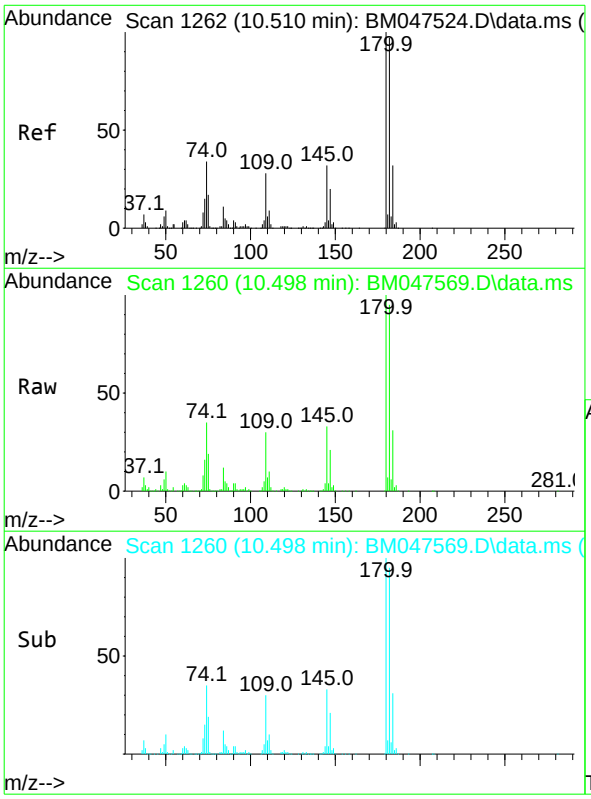
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.5	83.5
98	40.1	17.6	57.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

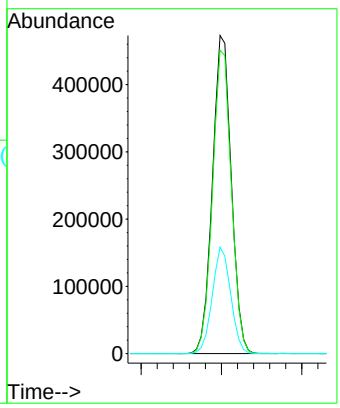
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

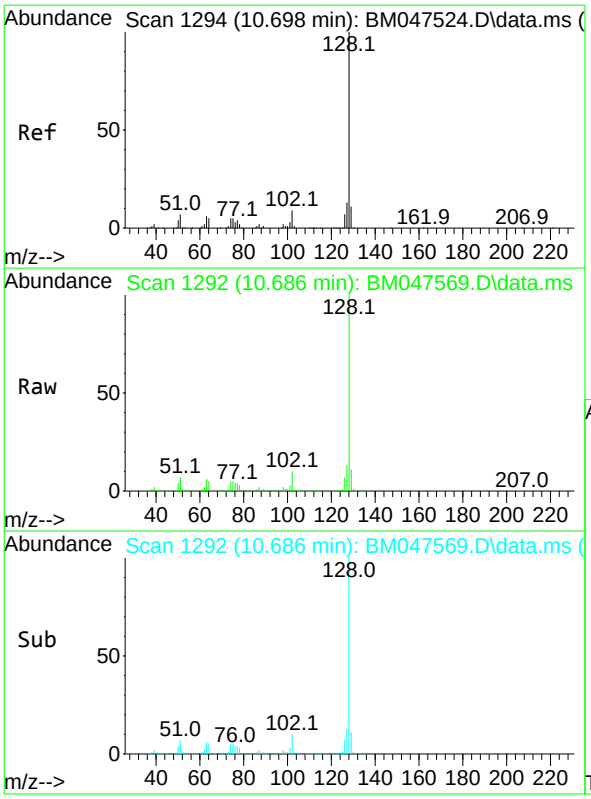


#30
1,2,4-Trichlorobenzene
Concen: 41.180 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:180 Resp: 770321

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	33.4	25.4	38.0

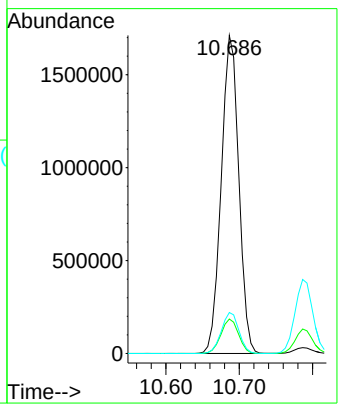




#31
Naphthalene
Concen: 43.348 ng
RT: 10.686 min Scan# 12
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:128 Resp: 2837269

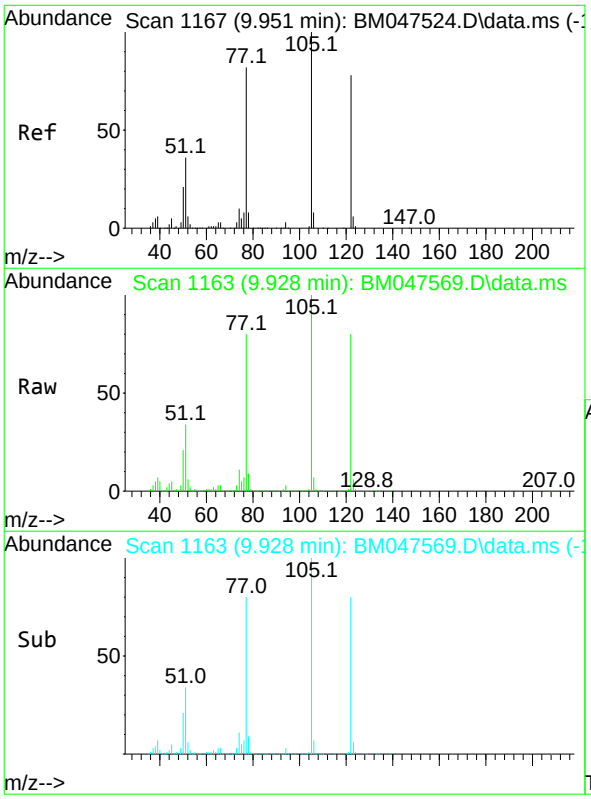
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.9	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

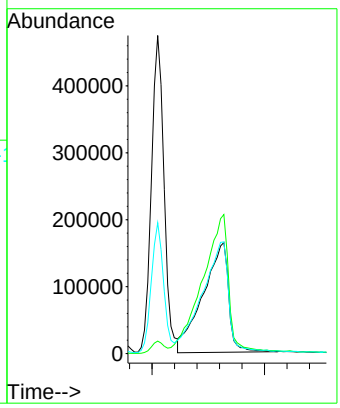
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

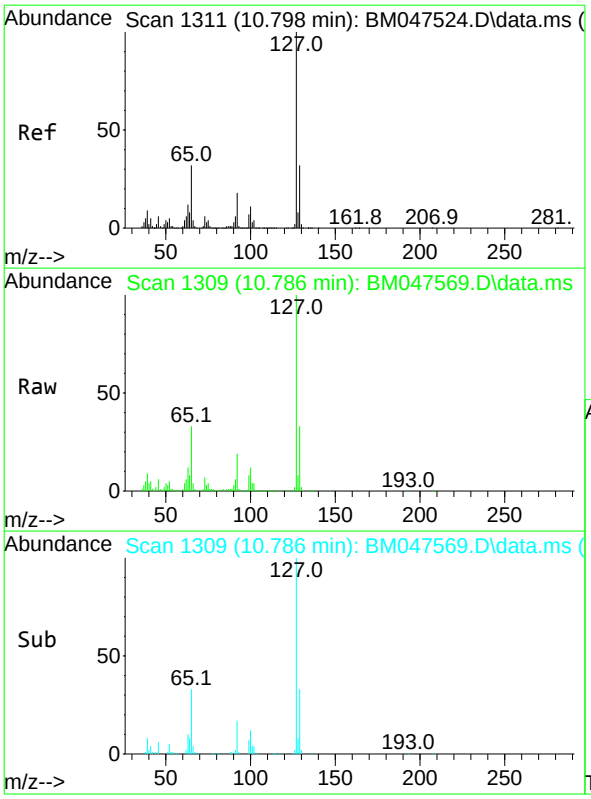


#32
Benzoic acid
Concen: 41.966 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:122 Resp: 519346

Ion	Ratio	Lower	Upper
122	100		
105	125.2	104.7	144.7
77	100.5	83.4	123.4

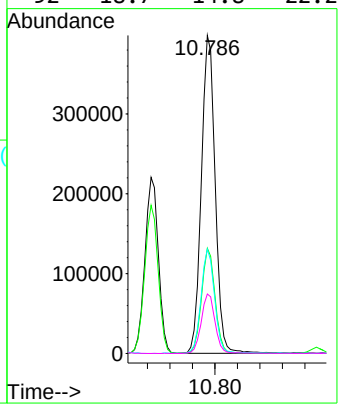




#33
4-Chloroaniline
Concen: 28.759 ng
RT: 10.786 min Scan# 13
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:127 Resp: 680573

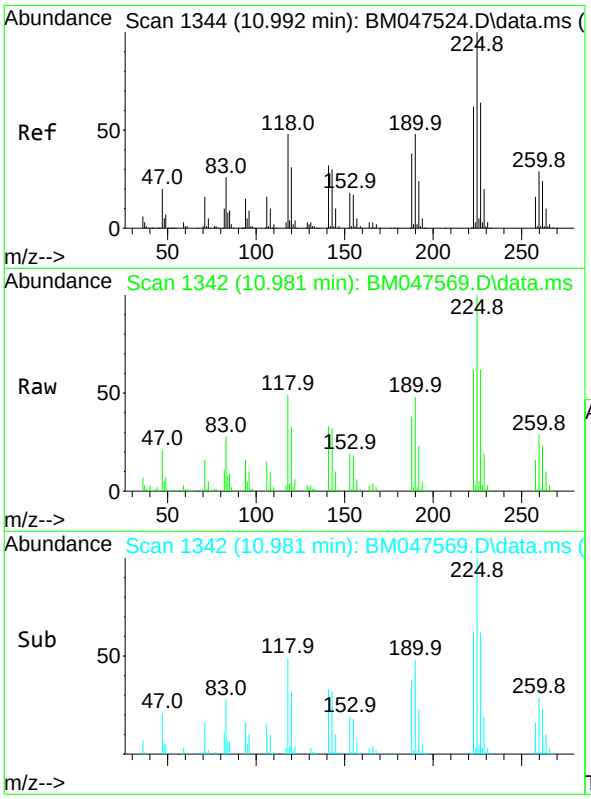
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	32.8	25.5	38.3
92	18.7	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

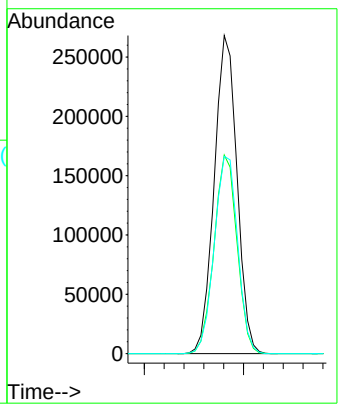
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

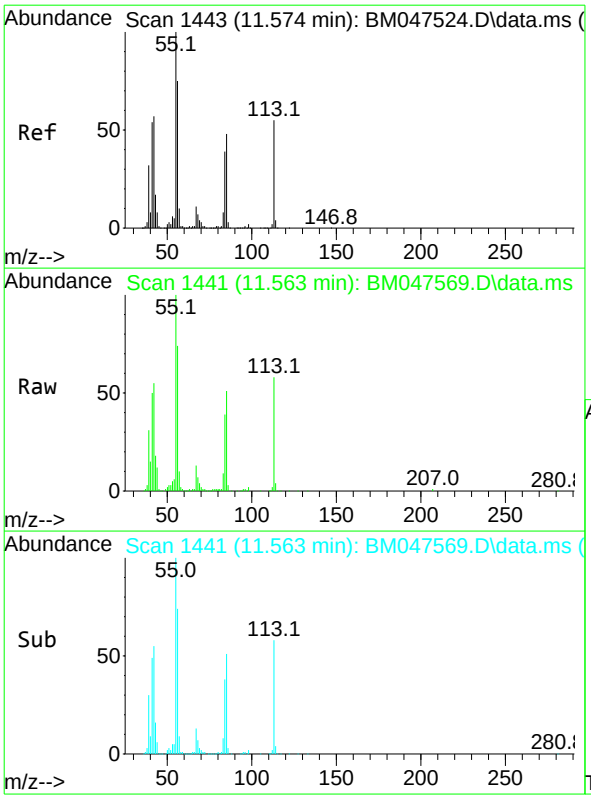


#34
Hexachlorobutadiene
Concen: 41.259 ng
RT: 10.981 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:225 Resp: 427487

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	62.1	51.0	76.4

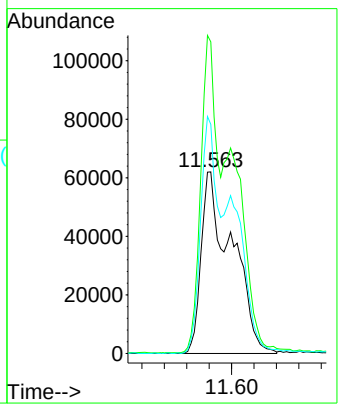




#35
Caprolactam
Concen: 43.792 ng m
RT: 11.563 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:113 Resp: 235553

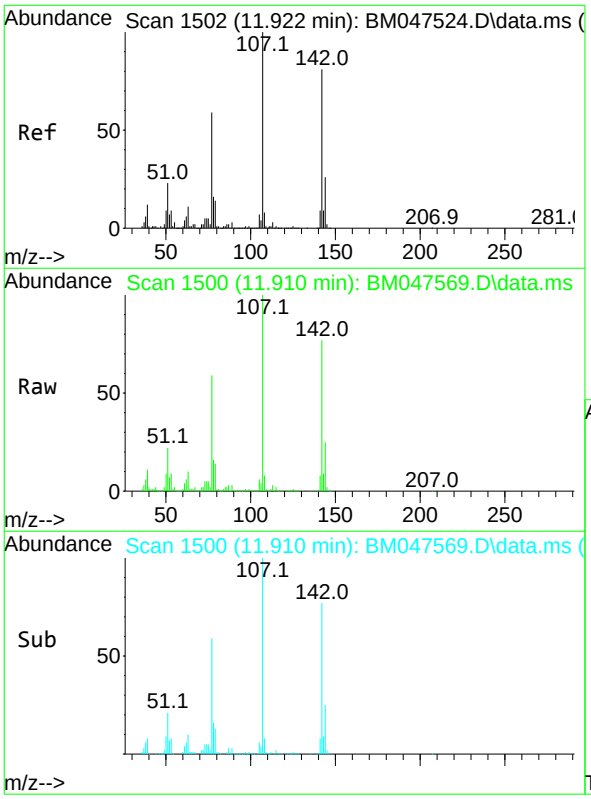
Ion	Ratio	Lower	Upper
113	100		
55	171.6	162.5	202.5
56	126.1	116.5	156.5



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

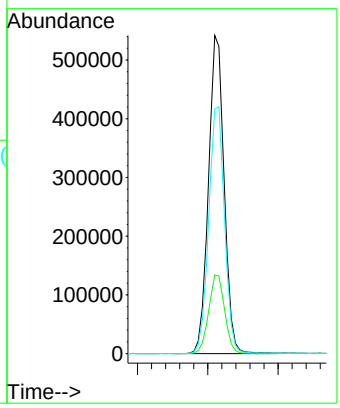
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

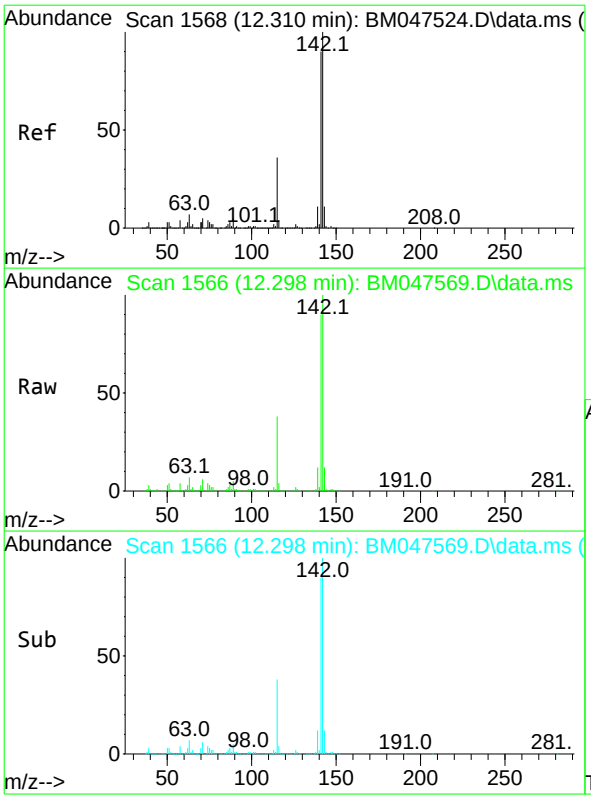


#36
4-Chloro-3-methylphenol
Concen: 44.762 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:107 Resp: 837721

Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.5	30.7
142	76.9	65.0	97.4

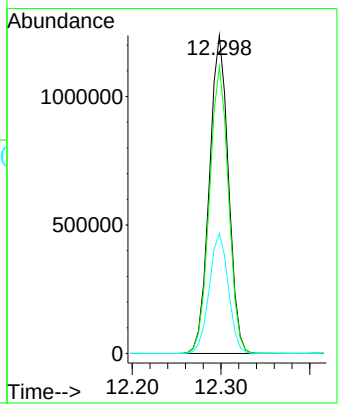




#37
2-Methylnaphthalene
Concen: 42.299 ng
RT: 12.298 min Scan# 15
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:142 Resp: 1842679

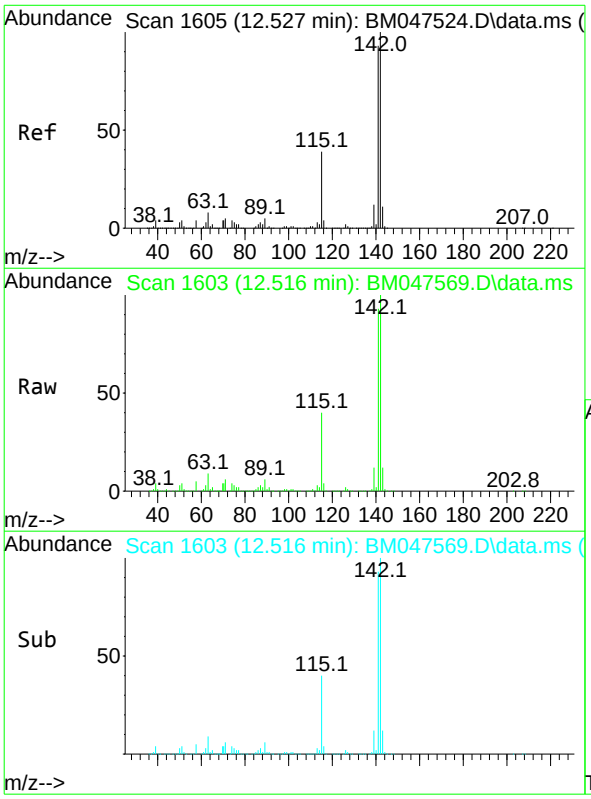
Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4
115	37.7	29.1	43.7



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

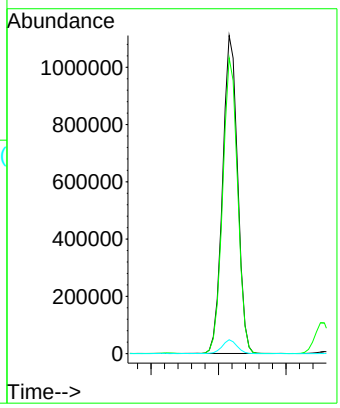
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

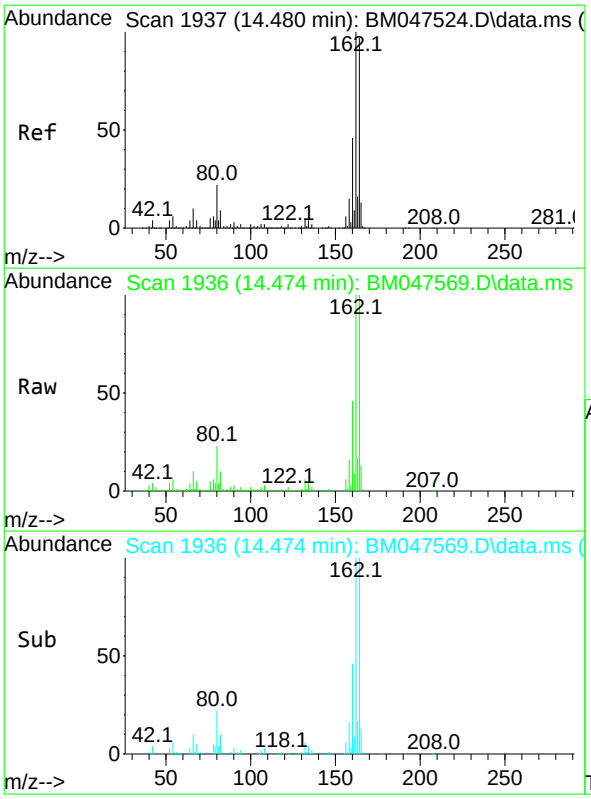


#38
1-Methylnaphthalene
Concen: 39.536 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:142 Resp: 1711593

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	4.4	3.2	4.8

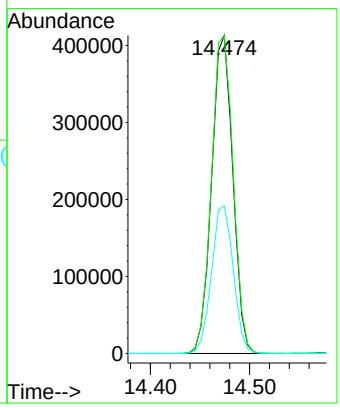




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:164 Resp: 613404

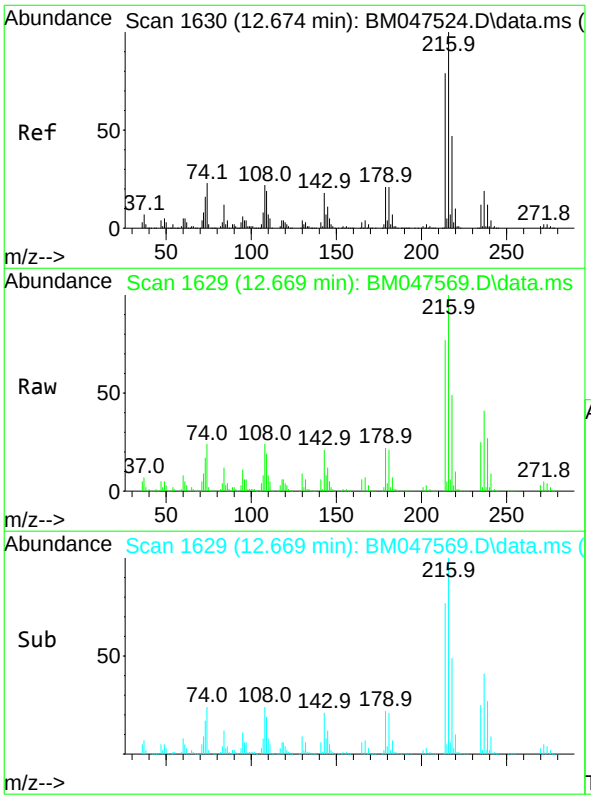
Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.2	123.2
160	46.4	38.2	57.2



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

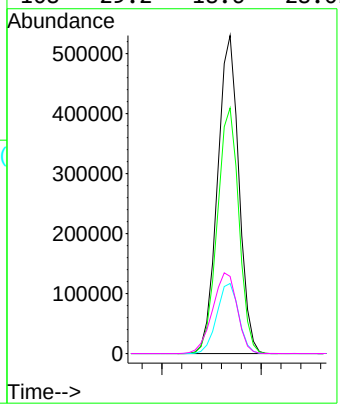
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

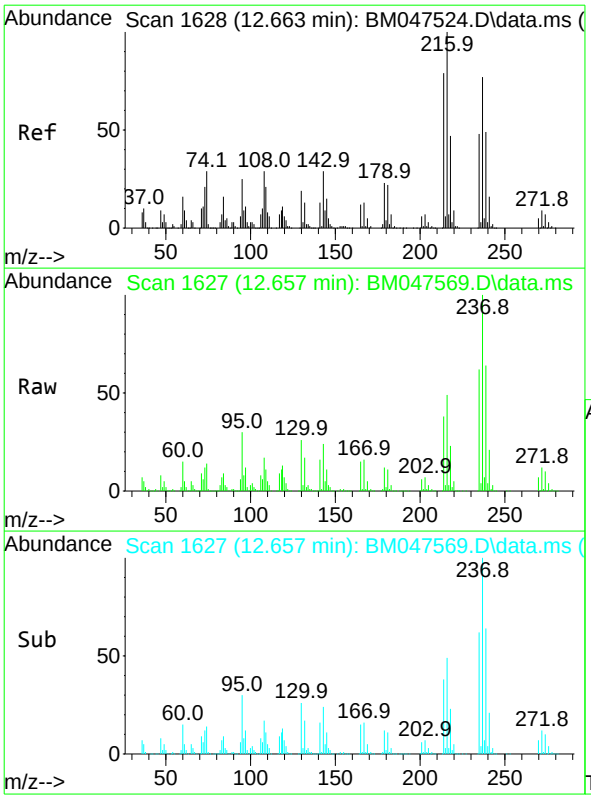


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.701 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:216 Resp: 791753

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.6
179	22.6	17.5	26.3
108	29.2	18.6	28.0#

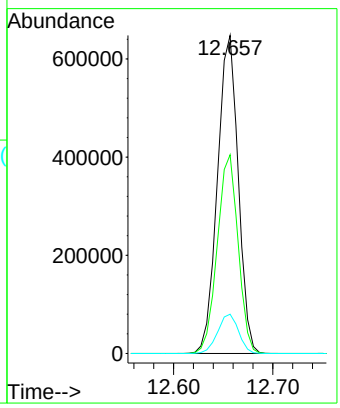




#41
Hexachlorocyclopentadiene
Concen: 173.794 ng
RT: 12.657 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:237 Resp: 943035

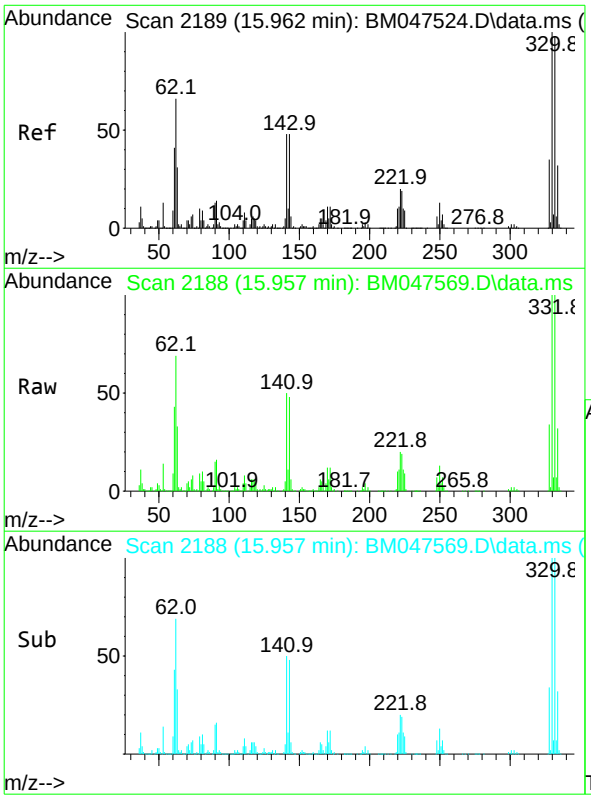
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.4	0.0	31.5



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

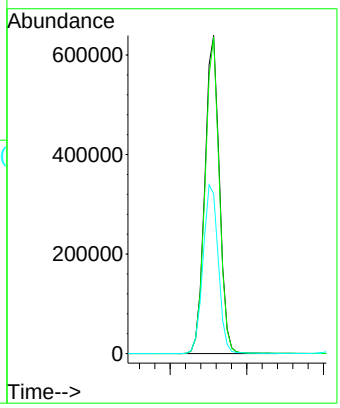
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

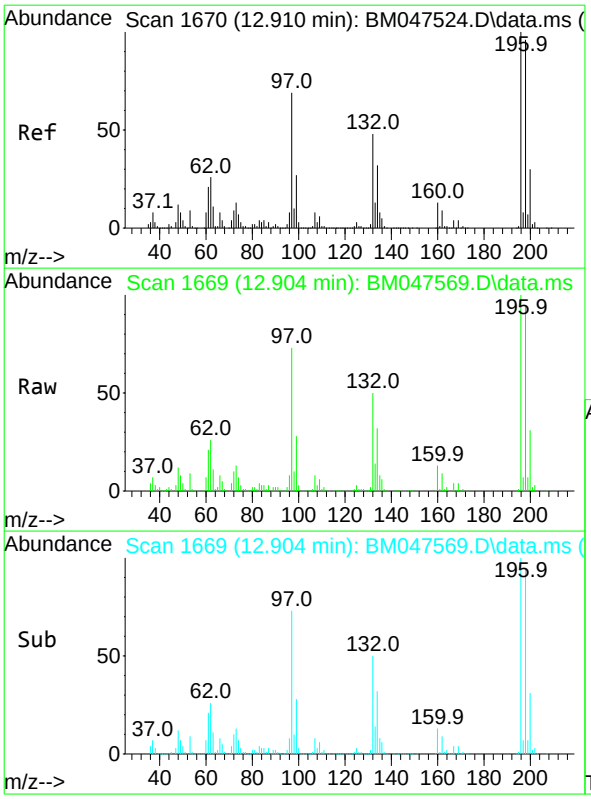


#42
2,4,6-Tribromophenol
Concen: 142.050 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:330 Resp: 842227

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	55.7	42.2	63.2

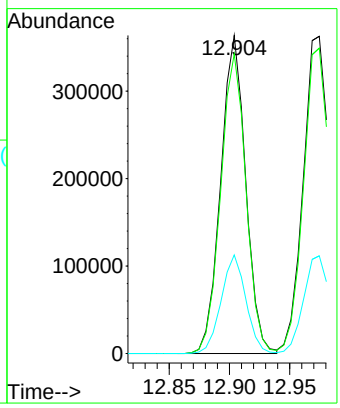




#43
2,4,6-Trichlorophenol
Concen: 50.441 ng
RT: 12.904 min Scan# 16
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:196 Resp: 524521

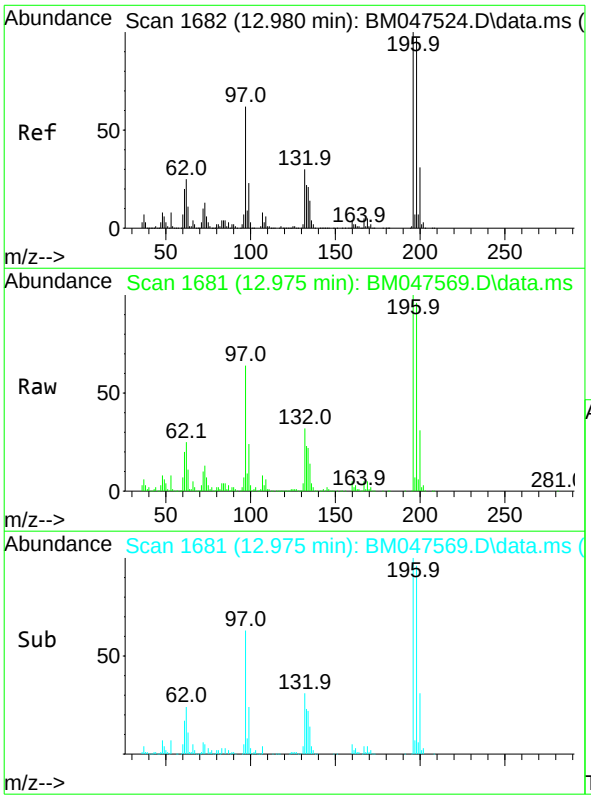
Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.9	115.3
200	31.0	24.3	36.5



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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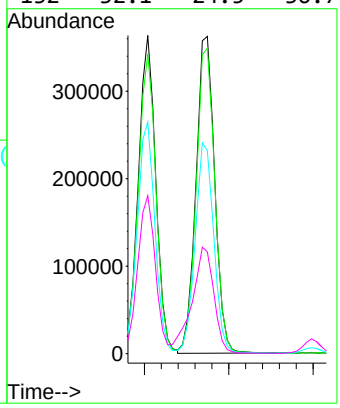
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

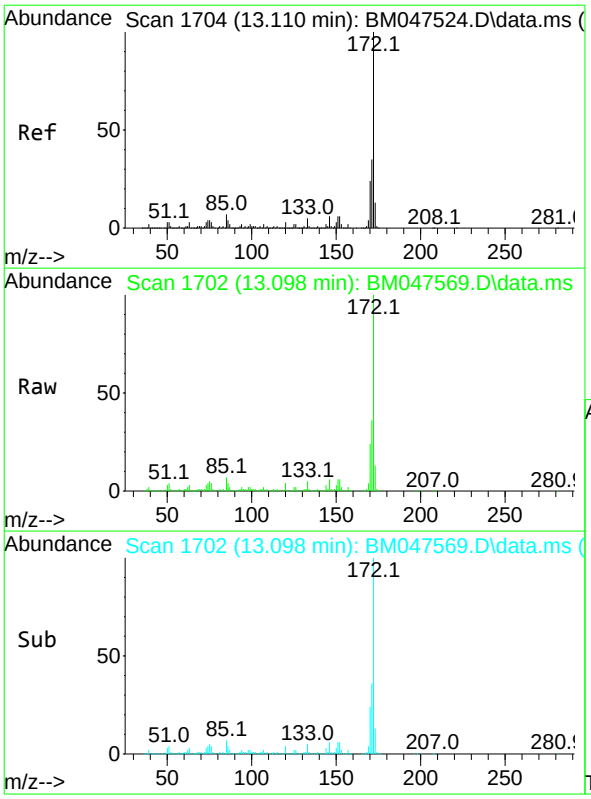


#44
2,4,5-Trichlorophenol
Concen: 47.566 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:196 Resp: 558681

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.4	116.2
97	64.0	49.8	74.8
132	32.1	24.5	36.7

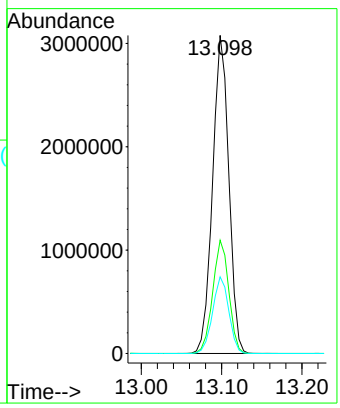




#45
2-Fluorobiphenyl
Concen: 96.918 ng
RT: 13.098 min Scan# 17
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:172 Resp: 4315694

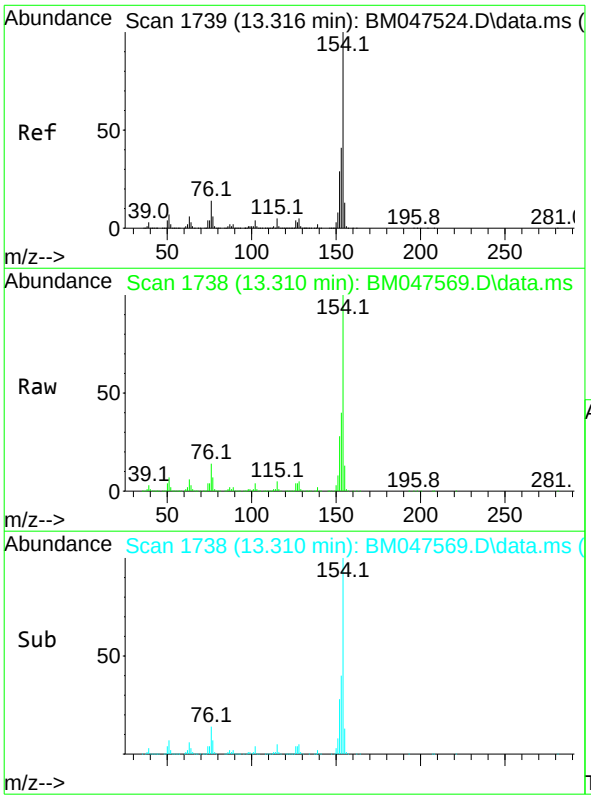
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	24.1	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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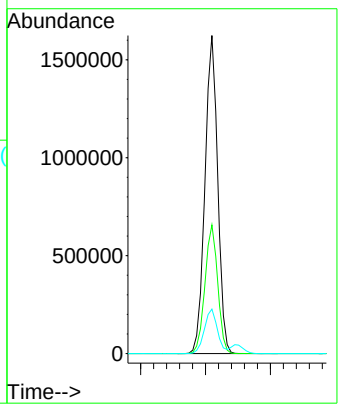
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

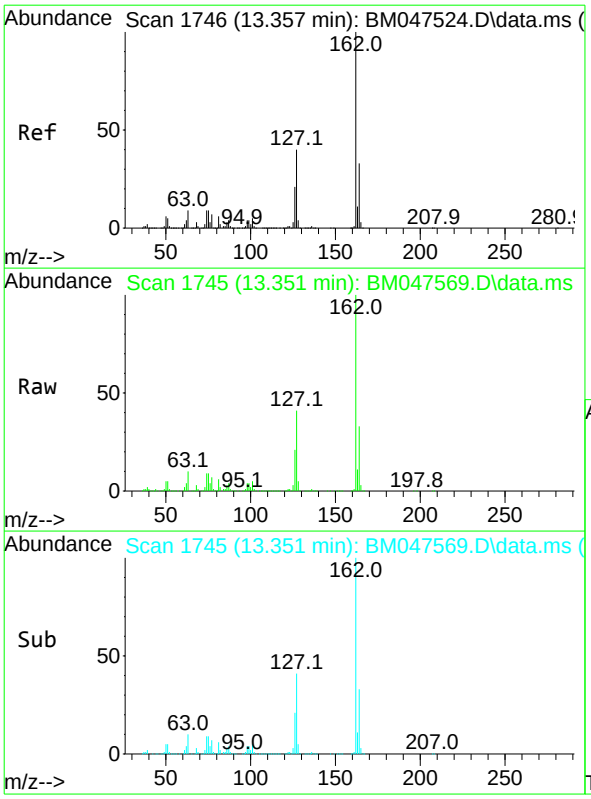


#46
1,1'-Biphenyl
Concen: 46.347 ng
RT: 13.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:154 Resp: 2211954

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	14.0	0.0	33.9

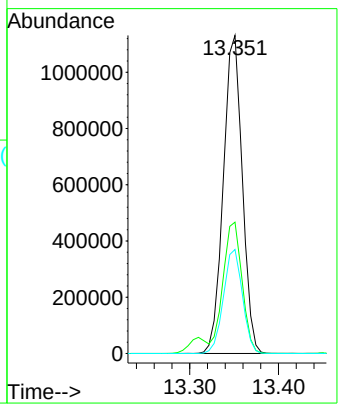




#47
2-Chloronaphthalene
Concen: 45.236 ng
RT: 13.351 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:162 Resp: 1676373

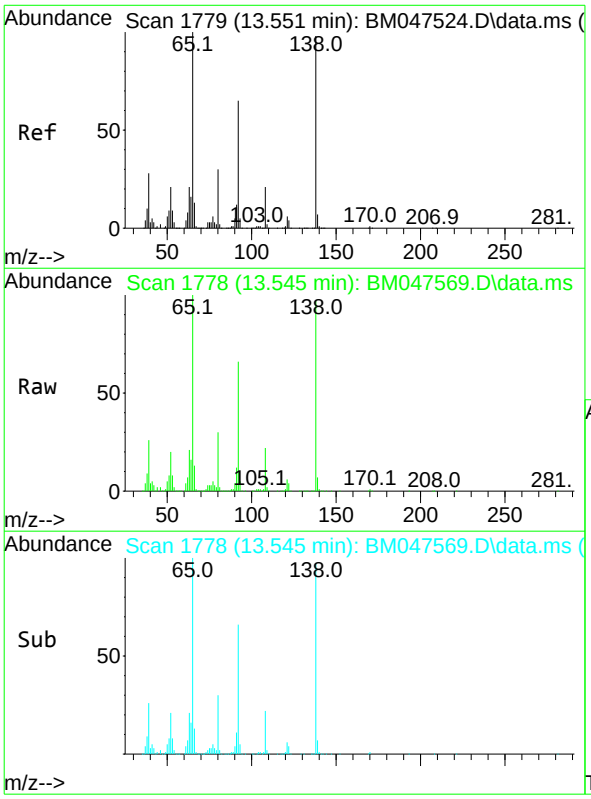
Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.2	48.4
164	32.7	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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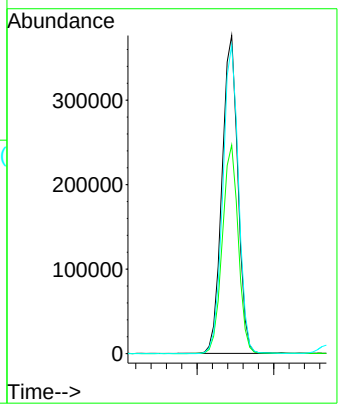
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

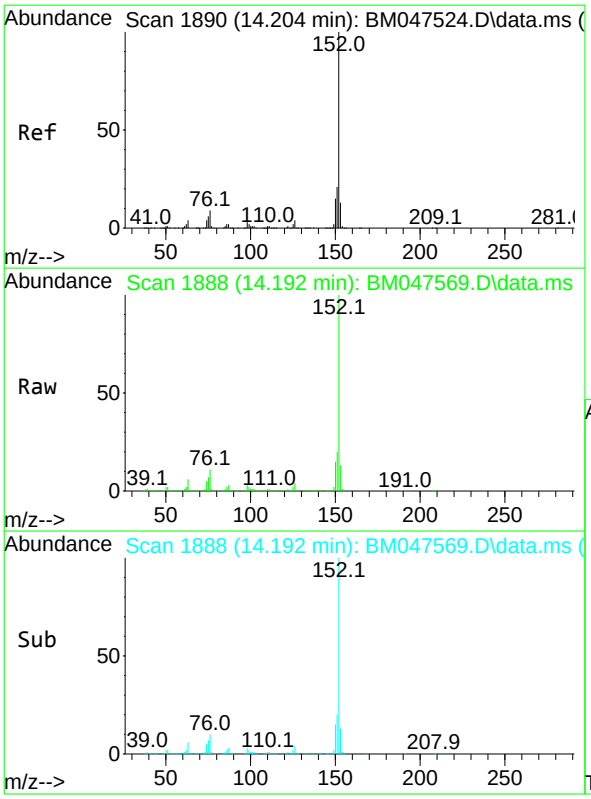


#48
2-Nitroaniline
Concen: 49.780 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 65 Resp: 541845

Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.9	77.9
138	97.0	78.5	117.7

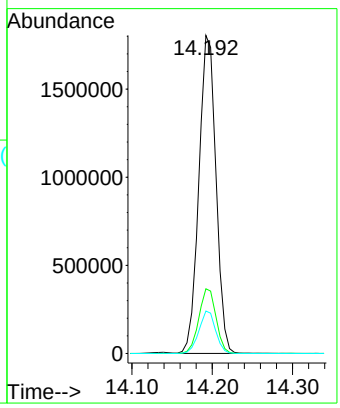




#49
Acenaphthylene
Concen: 49.861 ng
RT: 14.192 min Scan# 18
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:152 Resp: 2666450

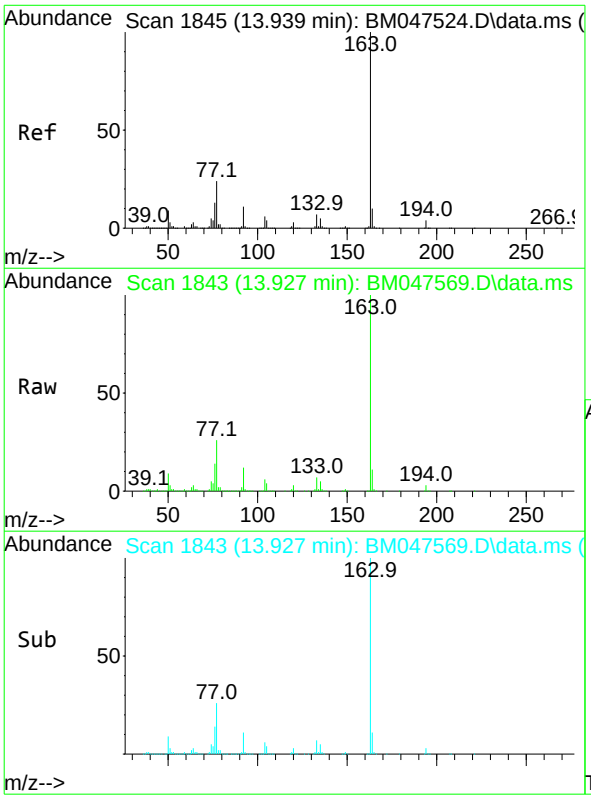
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.4	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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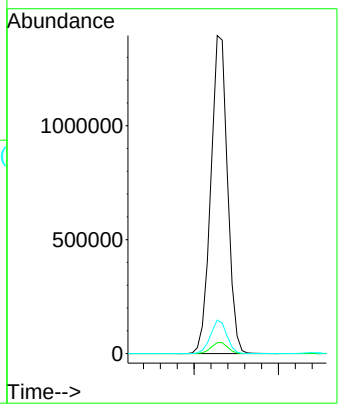
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

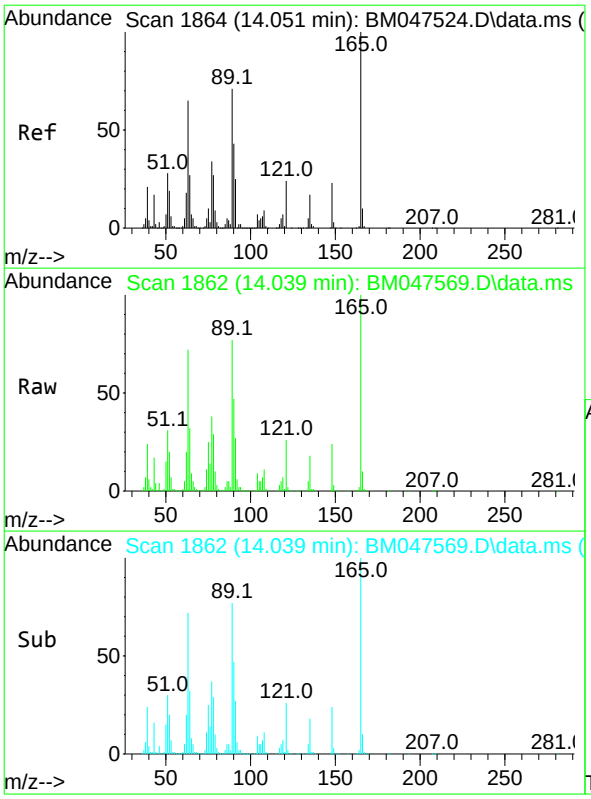


#50
Dimethylphthalate
Concen: 45.889 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:163 Resp: 1918542

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.5	7.9	11.9

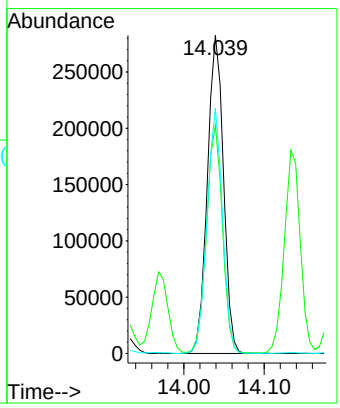




#51
2,6-Dinitrotoluene
Concen: 44.568 ng
RT: 14.039 min Scan# 18
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:165 Resp: 393353

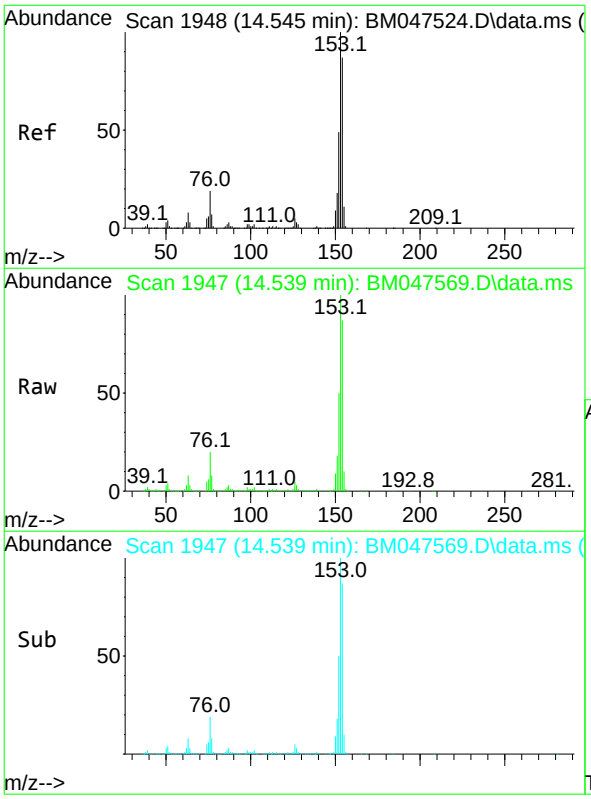
Ion	Ratio	Lower	Upper
165	100		
63	71.8	54.2	81.2
89	77.1	56.4	84.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

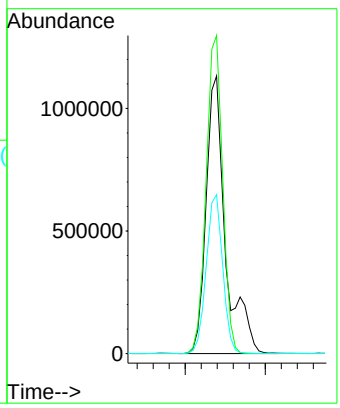
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

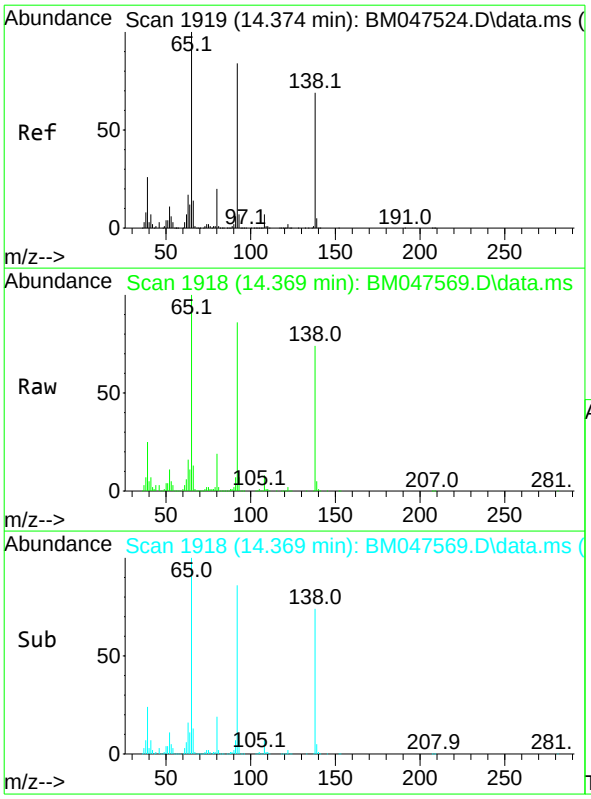


#52
Acenaphthene
Concen: 50.920 ng m
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:154 Resp: 1907981

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.2
152	57.2	45.4	68.0





#53
3-Nitroaniline
Concen: 36.824 ng
RT: 14.369 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

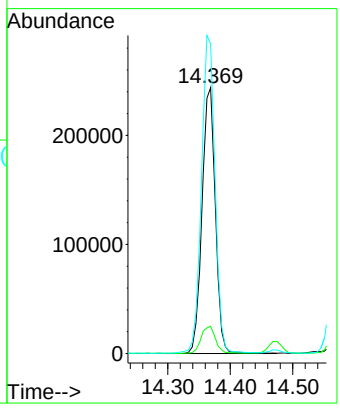
Tgt Ion:138 Resp: 361244

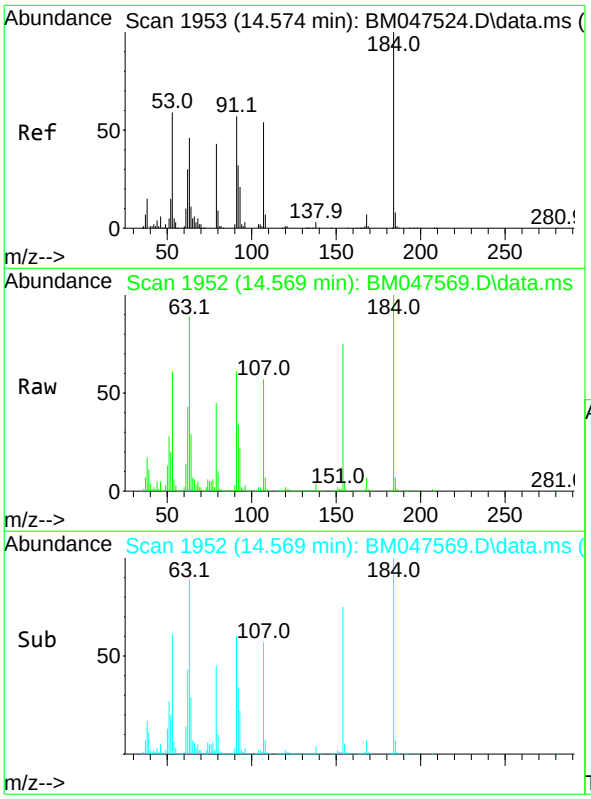
Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.0	12.0
92	116.4	97.4	146.0

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

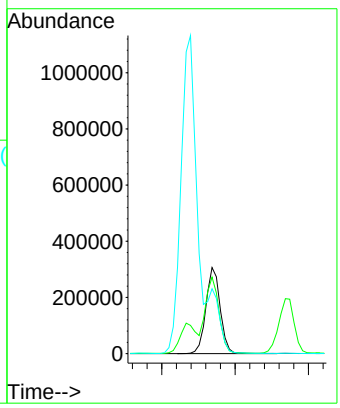


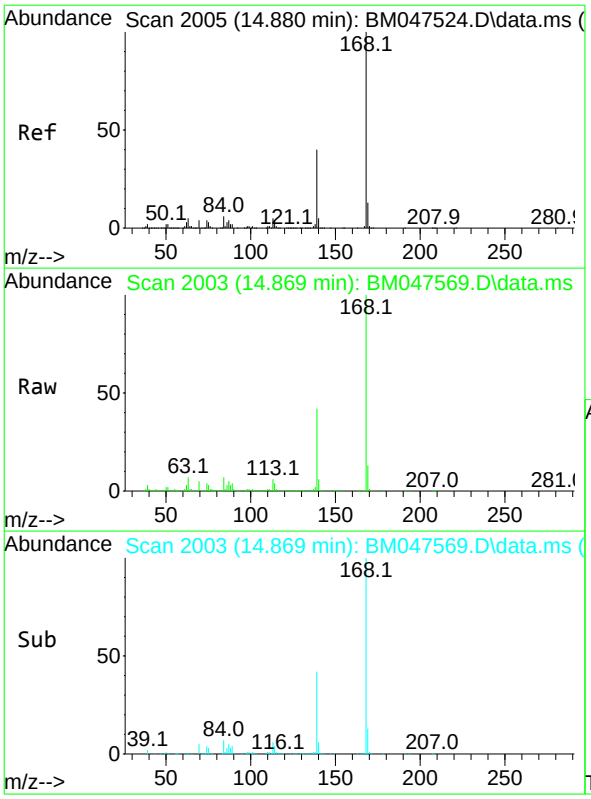


#54
2,4-Dinitrophenol
Concen: 82.181 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:184 Resp: 413034

Ion	Ratio	Lower	Upper
184	100		
63	88.9	69.4	104.0
154	75.4	60.4	90.6

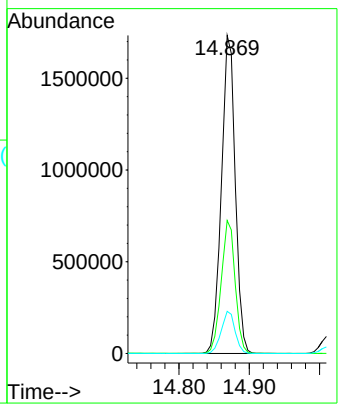




#55
Dibenzofuran
Concen: 45.021 ng
RT: 14.869 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:168 Resp: 2370535

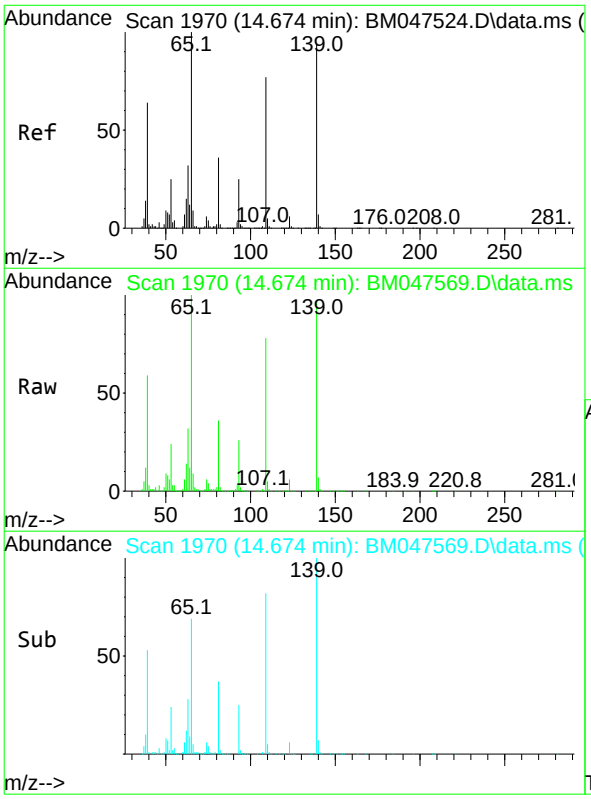
Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.9	47.9
169	13.3	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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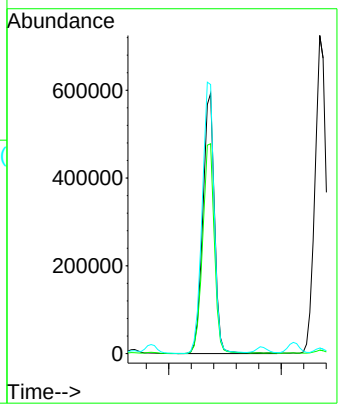
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

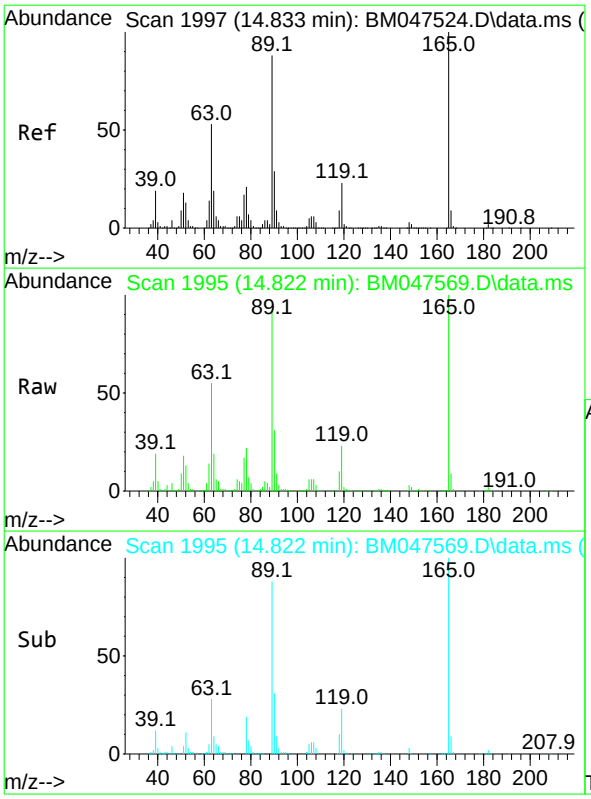


#56
4-Nitrophenol
Concen: 106.021 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:139 Resp: 855857

Ion	Ratio	Lower	Upper
139	100		
109	80.6	62.0	102.0
65	103.4	87.0	127.0

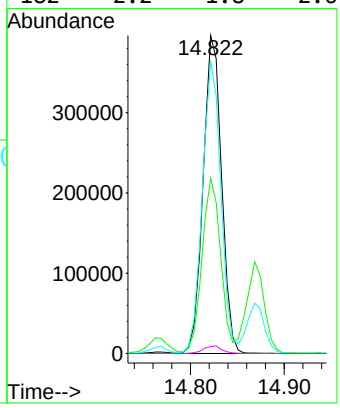




#57
2,4-Dinitrotoluene
Concen: 45.972 ng
RT: 14.822 min Scan# 19
Delta R.T. -0.011 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:165 Resp: 541137

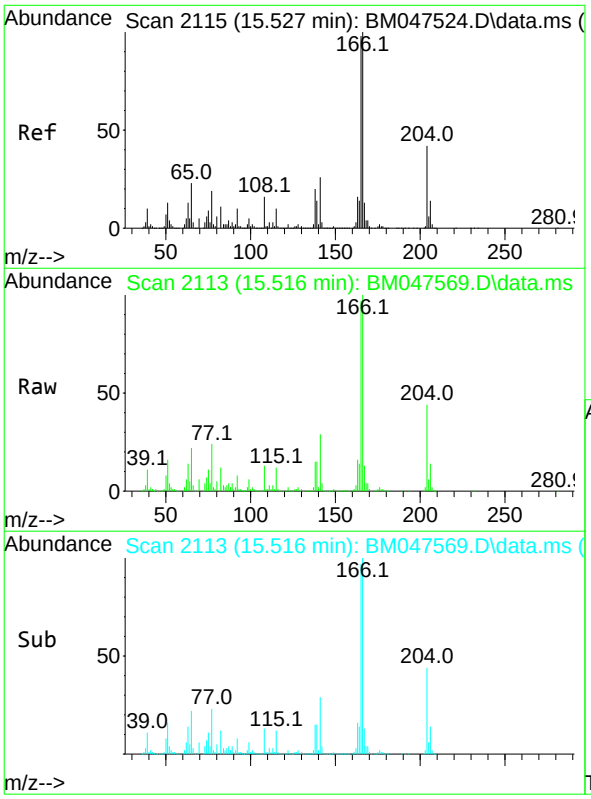
Ion	Ratio	Lower	Upper
165	100		
63	55.1	42.4	63.6
89	91.7	70.5	105.7
182	2.2	1.8	2.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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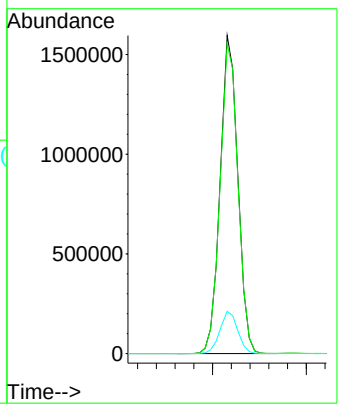
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

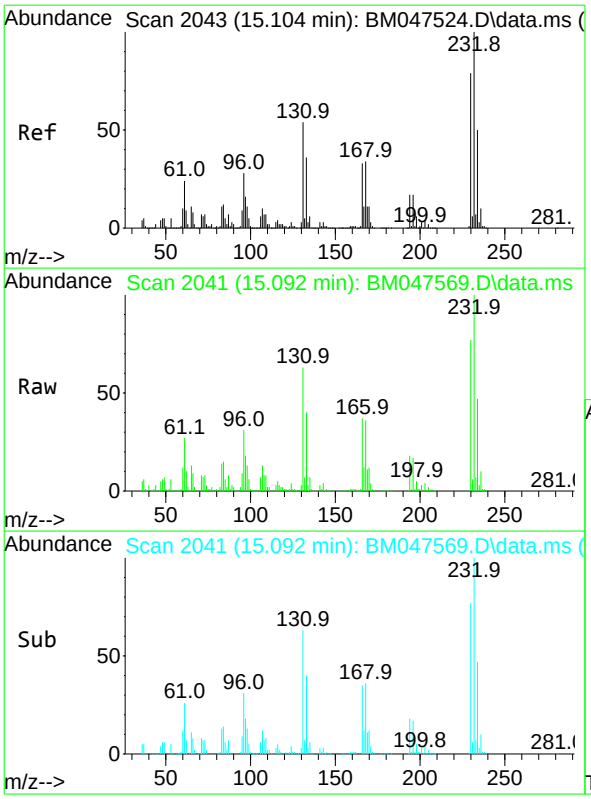


#58
Fluorene
Concen: 44.059 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:166 Resp: 2088643

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.3	10.7	16.1

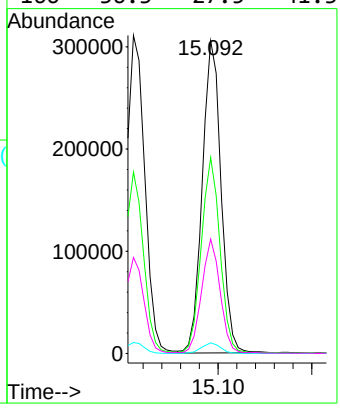




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.398 ng
RT: 15.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:232 Resp: 424887

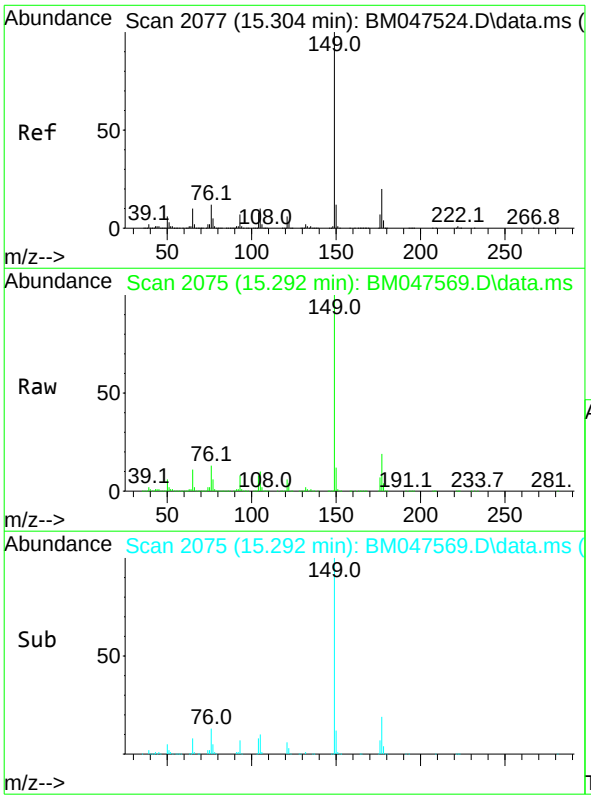
Ion	Ratio	Lower	Upper
232	100		
131	62.8	47.0	70.4
130	3.5	2.6	3.8
166	36.3	27.5	41.3



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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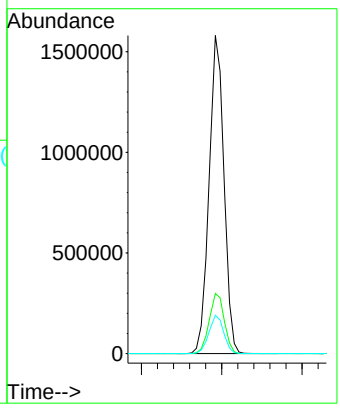
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

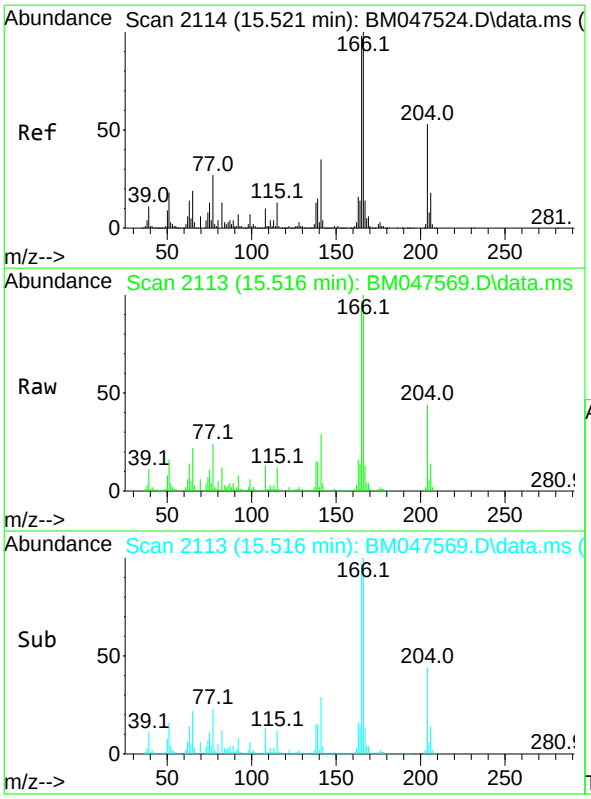


#60
Diethylphthalate
Concen: 45.676 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 2032402

Ion	Ratio	Lower	Upper
149	100		
177	18.9	15.8	23.8
150	12.1	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 41.858 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

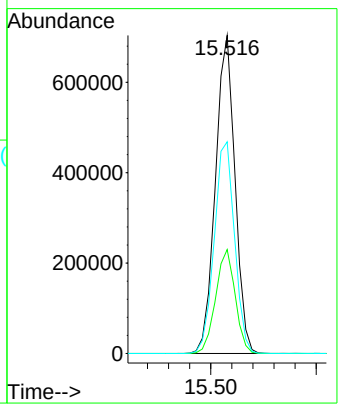
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

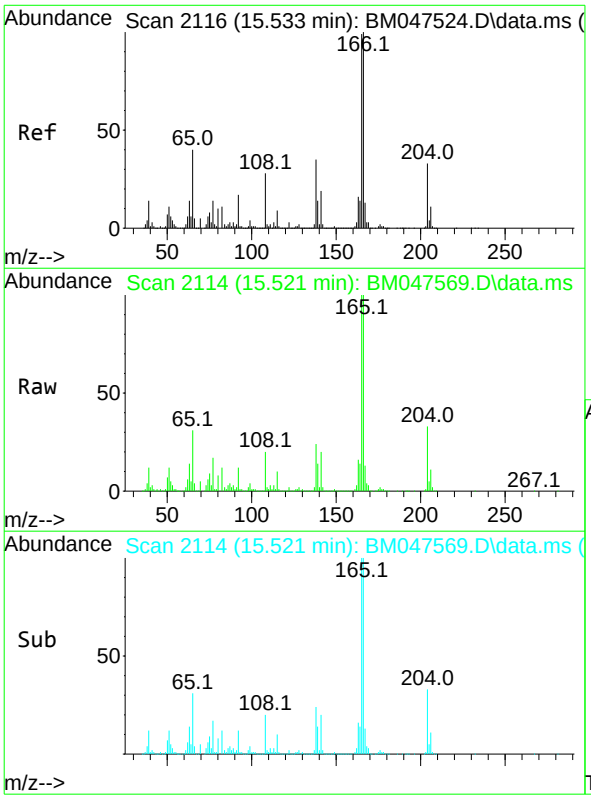
Tgt Ion:204 Resp: 907298

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	66.6	52.1	78.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

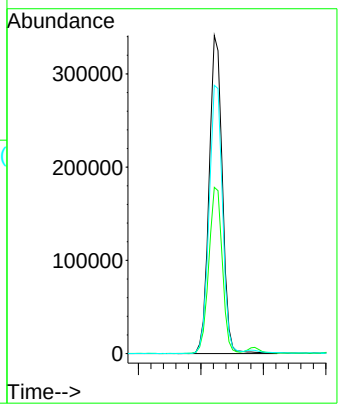


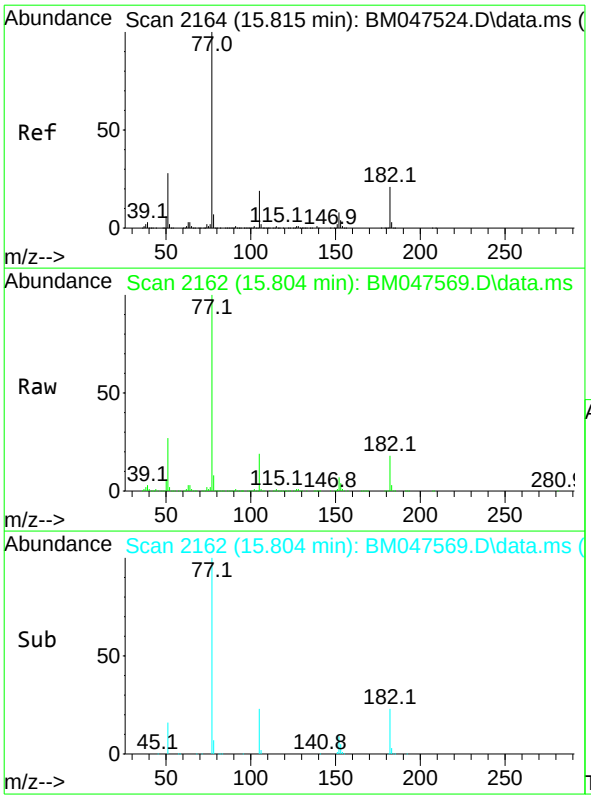


#62
4-Nitroaniline
Concen: 43.457 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:138 Resp: 501117

Ion	Ratio	Lower	Upper
138	100		
92	52.3	30.0	70.0
108	84.4	61.7	101.7

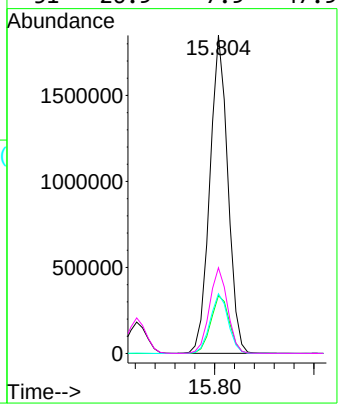




#63
Azobenzene
Concen: 47.573 ng
RT: 15.804 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 77 Resp: 2330821

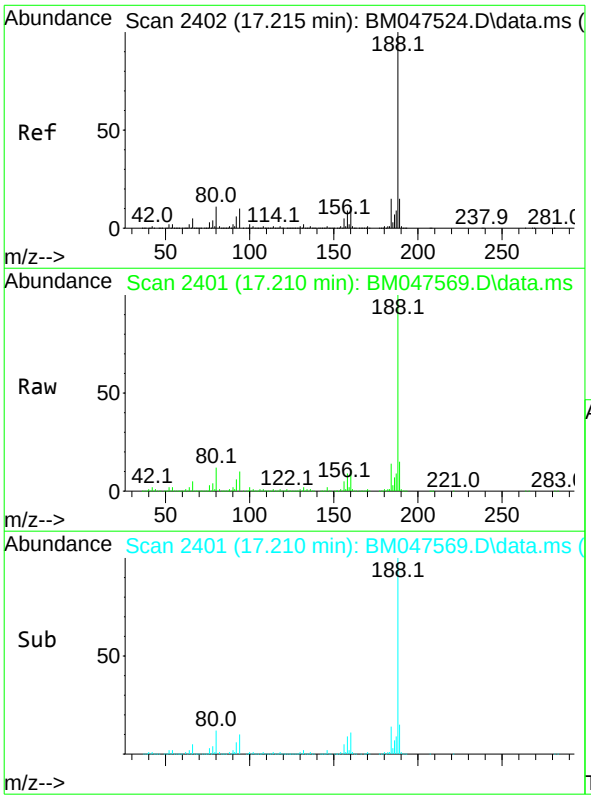
Ion	Ratio	Lower	Upper
77	100		
182	18.2	1.2	41.2
105	18.8	0.0	39.4
51	26.9	7.9	47.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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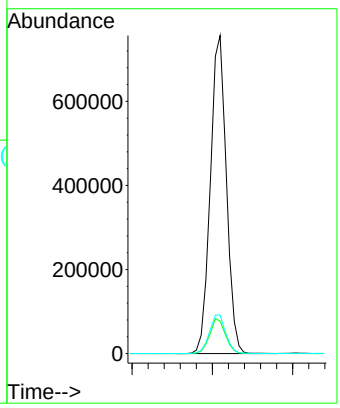
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

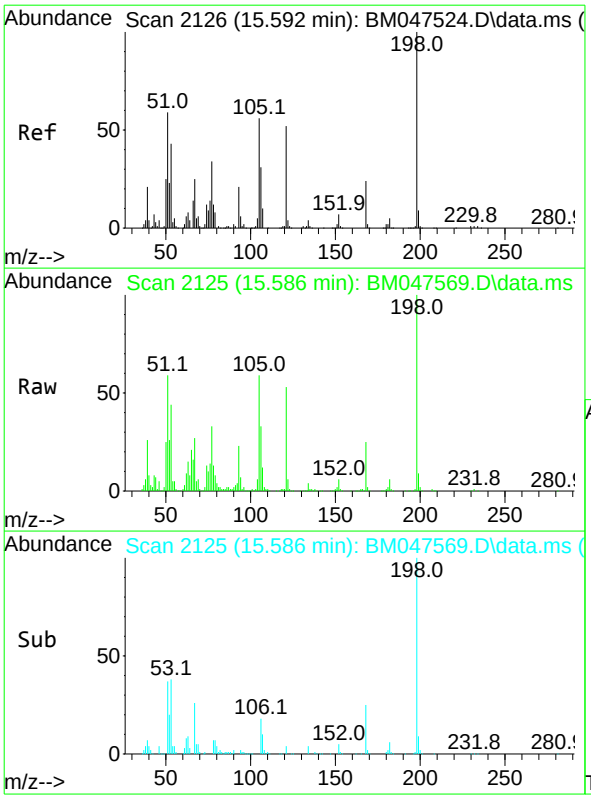


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:188 Resp: 1048553

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	12.1	9.1	13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 44.877 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

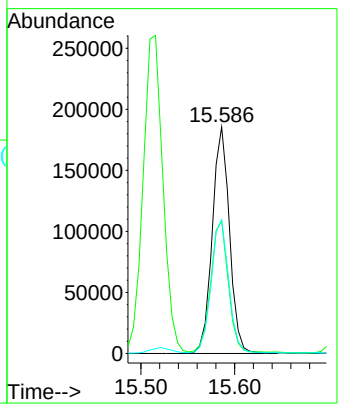
Tgt Ion:198 Resp: 236745

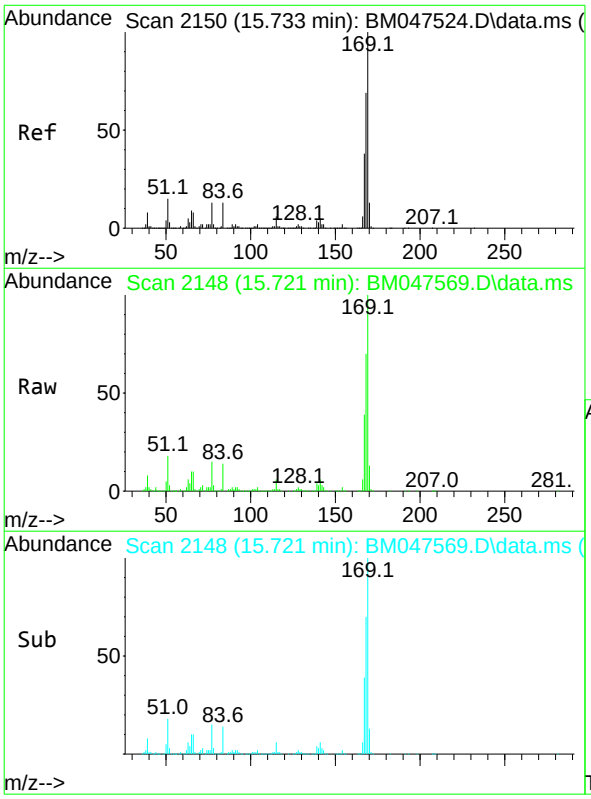
Ion	Ratio	Lower	Upper
198	100		
51	58.7	41.5	81.5
105	59.0	36.4	76.4

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

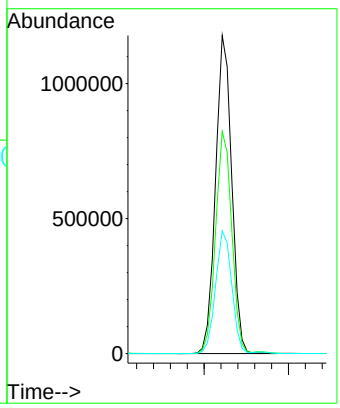


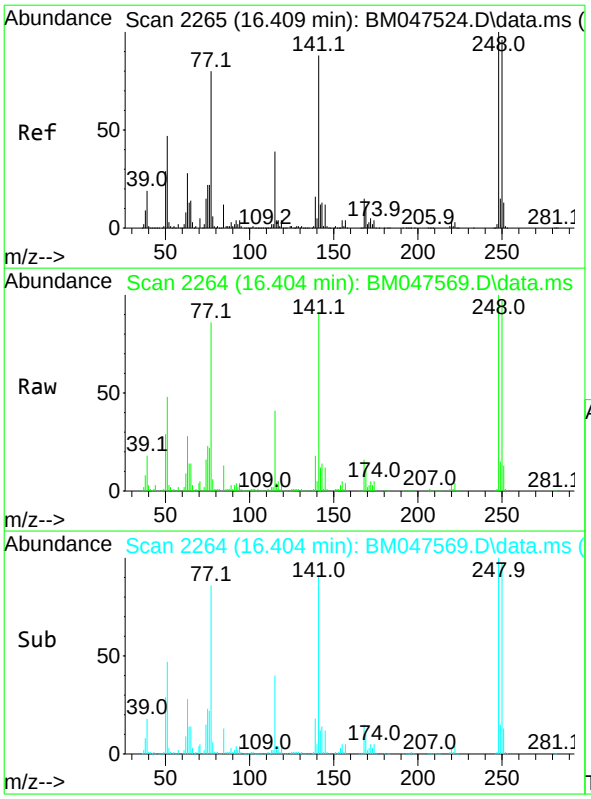


#66
n-Nitrosodiphenylamine
Concen: 48.797 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:169 Resp: 1565272

Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.3	82.9
167	38.6	30.5	45.7

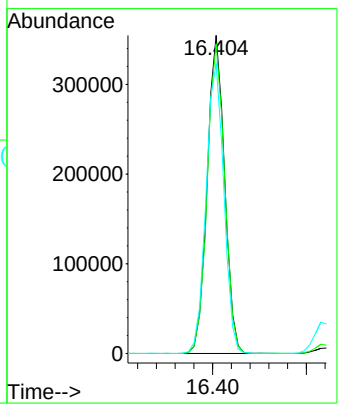




#67
4-Bromophenyl-phenylether
Concen: 44.762 ng
RT: 16.404 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:248 Resp: 456056

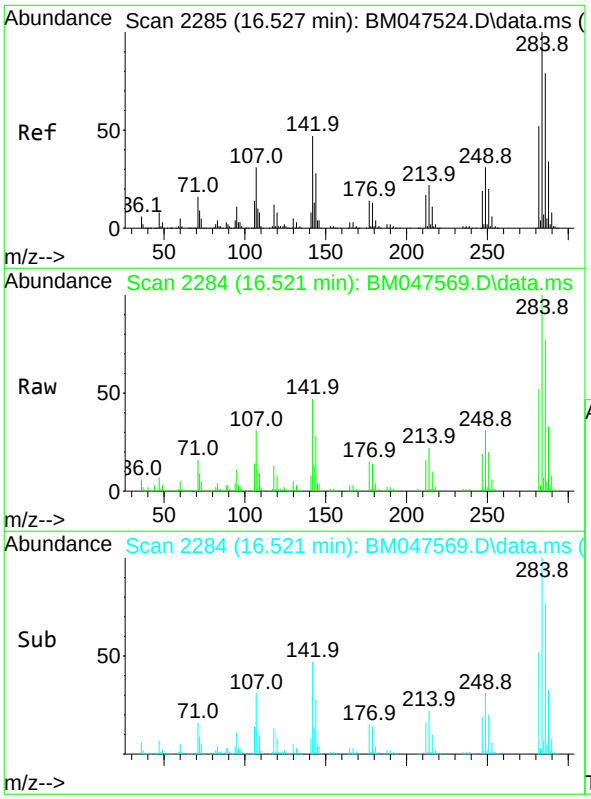
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	91.0	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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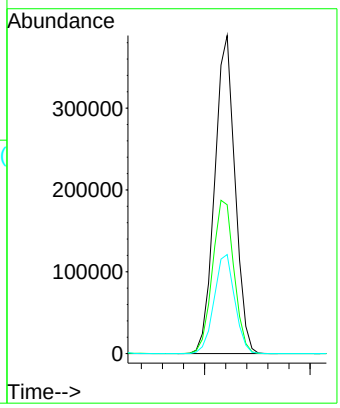
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

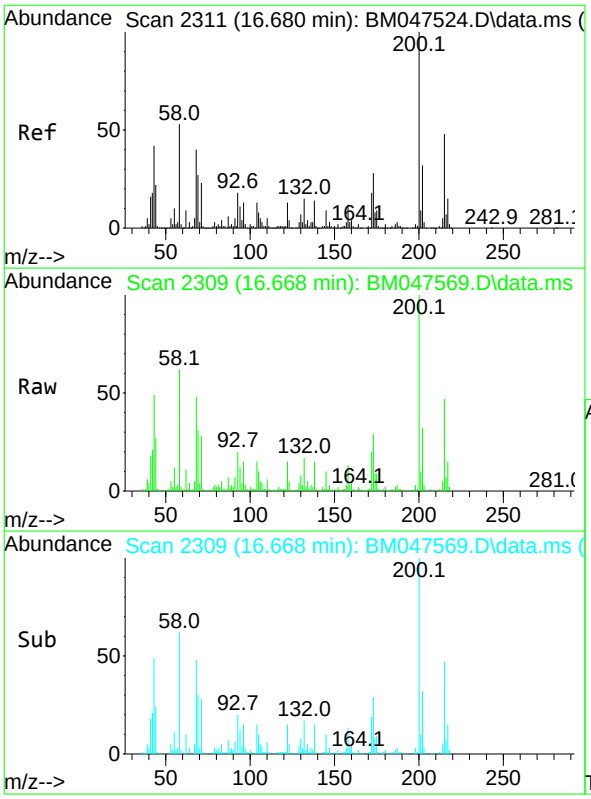


#68
Hexachlorobenzene
Concen: 45.080 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:284 Resp: 520321

Ion	Ratio	Lower	Upper
284	100		
142	46.8	37.3	55.9
249	31.1	24.5	36.7





#69
Atrazine
Concen: 52.091 ng
RT: 16.668 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

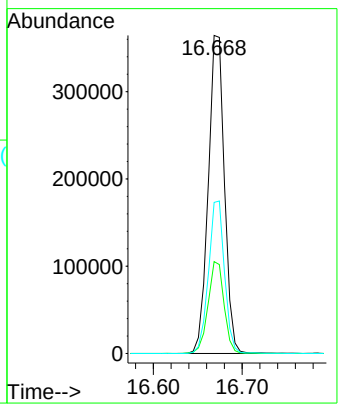
Tgt Ion:200 Resp: 461837

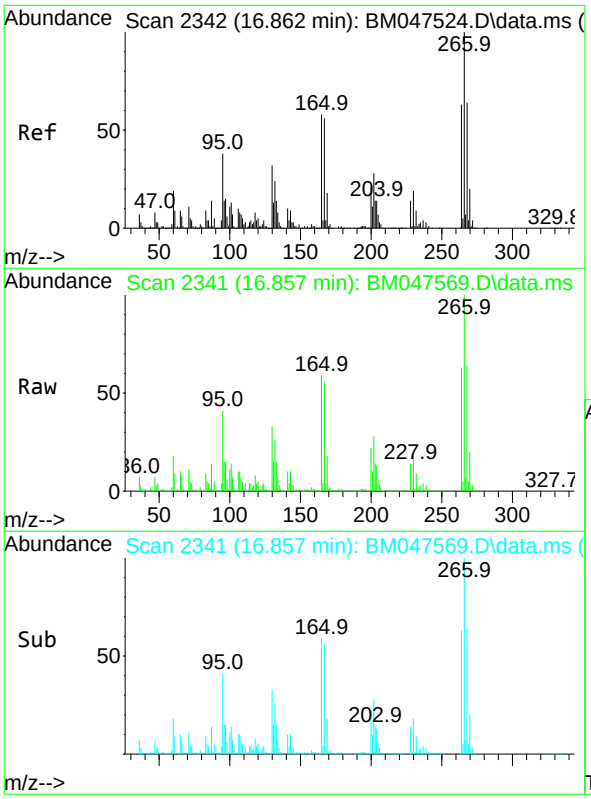
Ion	Ratio	Lower	Upper
200	100		
173	28.9	7.7	47.7
215	47.5	27.9	67.9

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

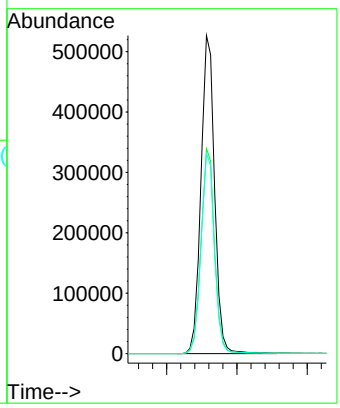


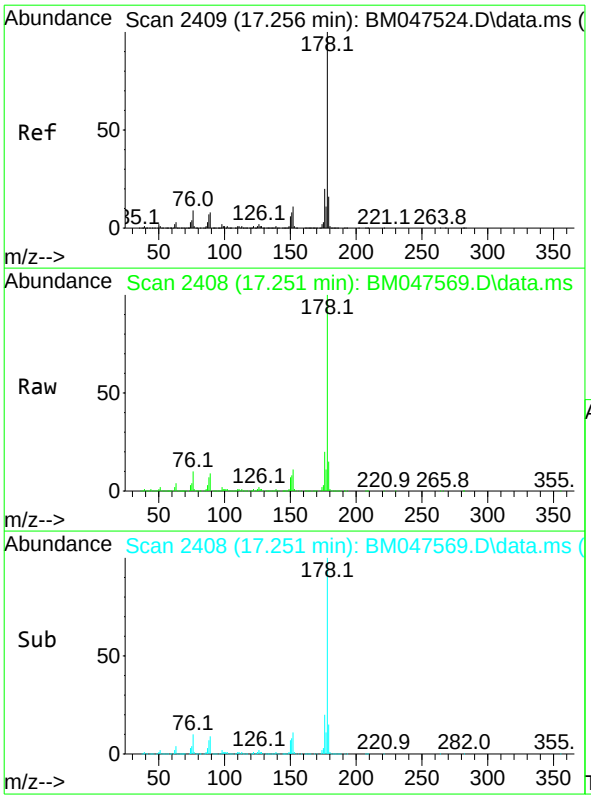


#70
Pentachlorophenol
Concen: 105.917 ng
RT: 16.857 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:266 Resp: 708658

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.4
264	62.8	50.4	75.6

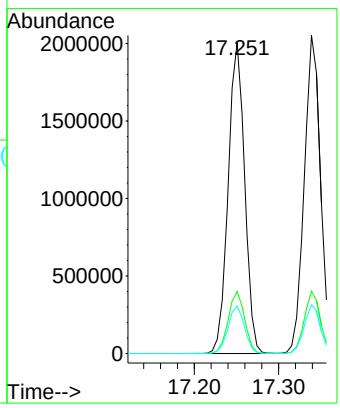




#71
Phenanthrene
Concen: 47.134 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:178 Resp: 2723635

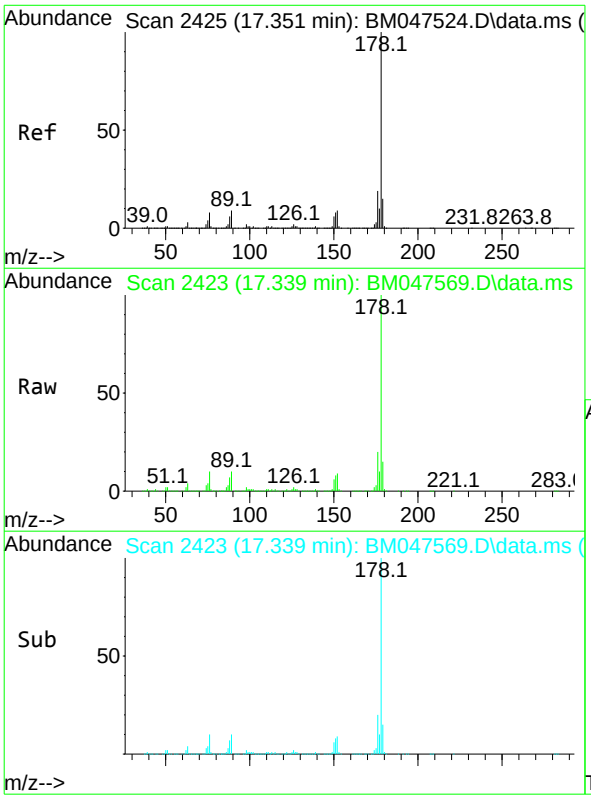
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.3	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

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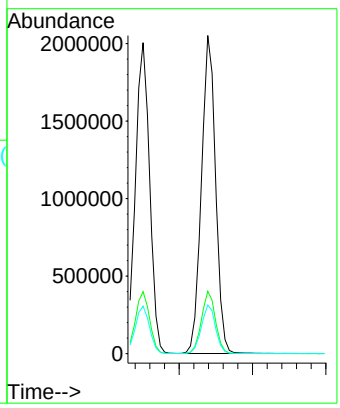
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

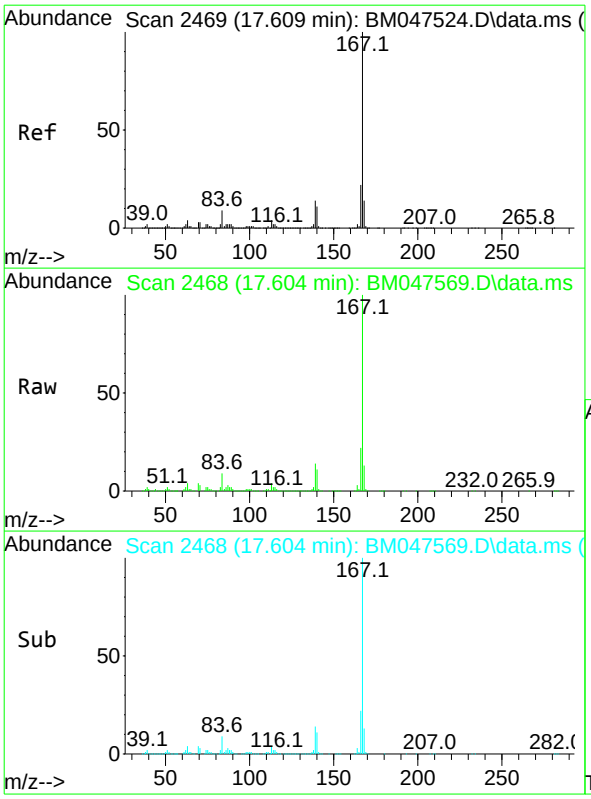


#72
Anthracene
Concen: 49.502 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:178 Resp: 2748272

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.3	12.3	18.5

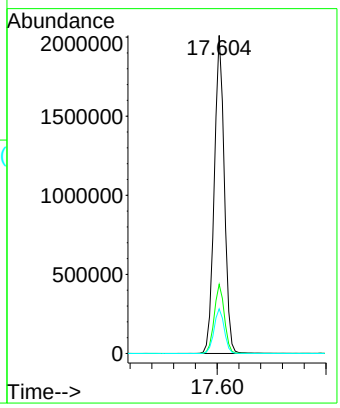




#73
Carbazole
Concen: 46.799 ng
RT: 17.604 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:167 Resp: 2574886

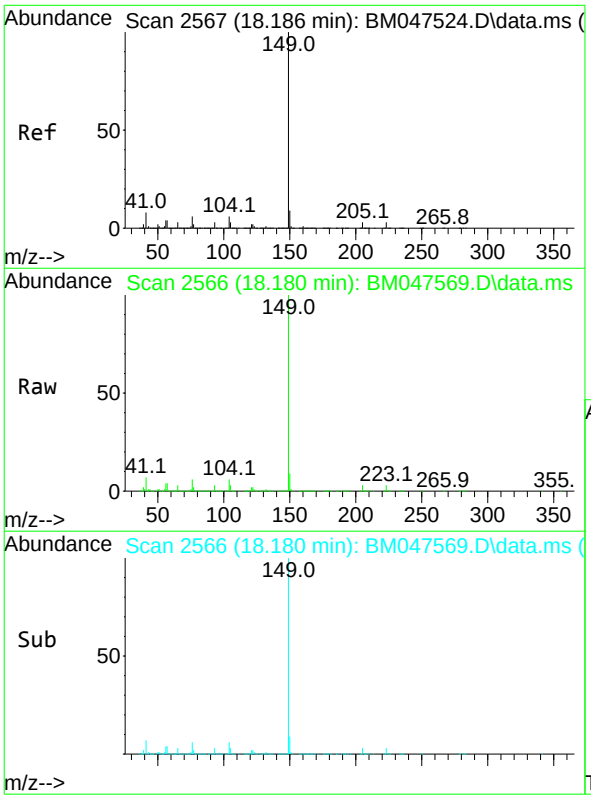
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	14.1	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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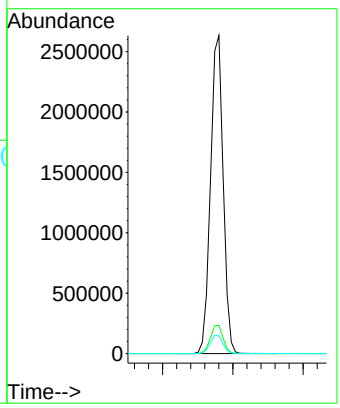
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

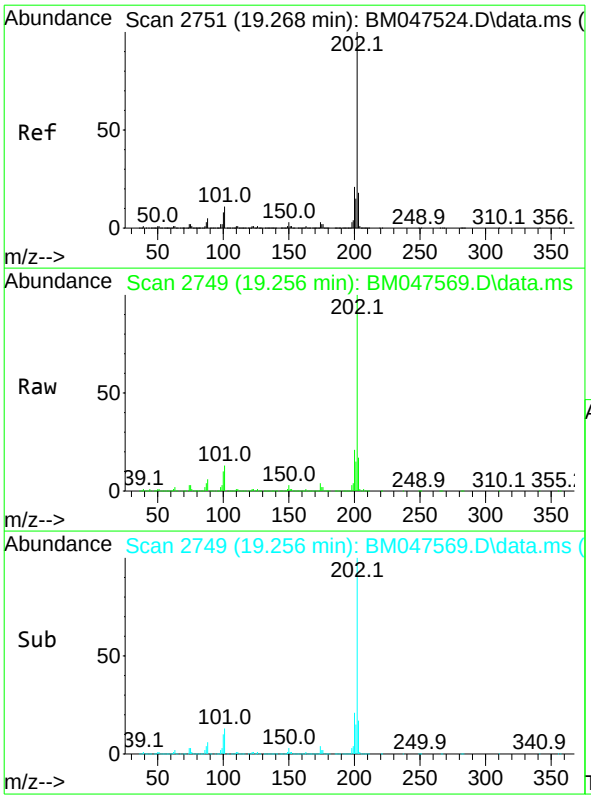


#74
Di-n-butylphthalate
Concen: 49.847 ng
RT: 18.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 3281482

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.6	4.6	6.8

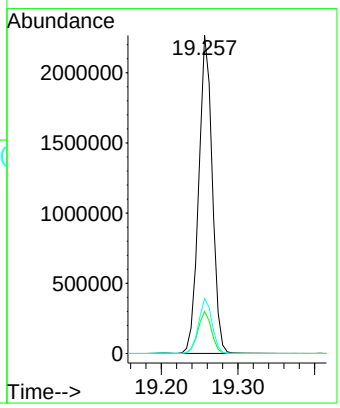




#75
Fluoranthene
Concen: 43.979 ng
RT: 19.256 min Scan# 27
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:202 Resp: 2772764

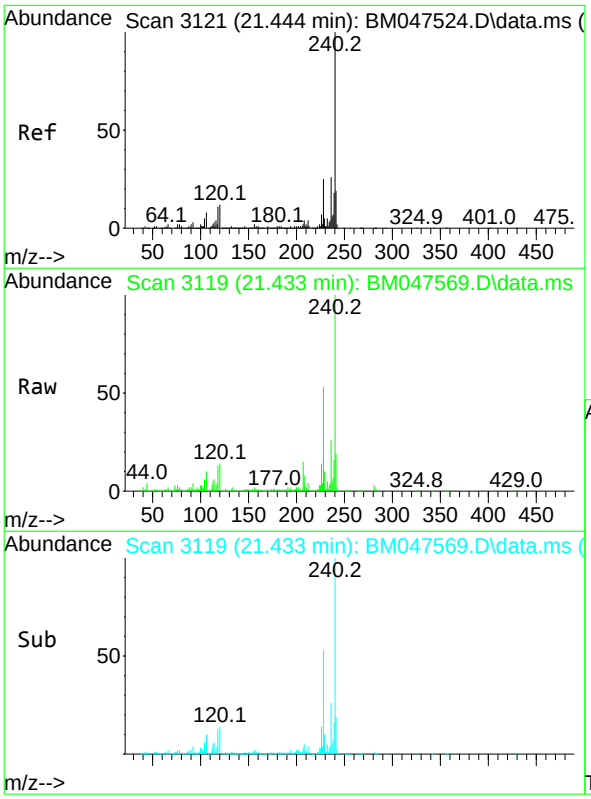
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.8
203	17.2	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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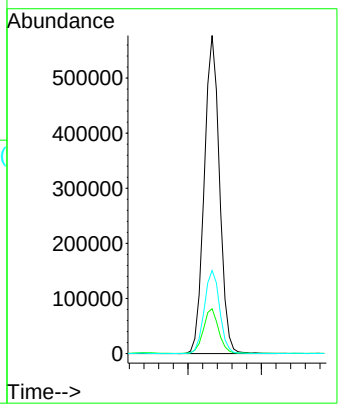
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

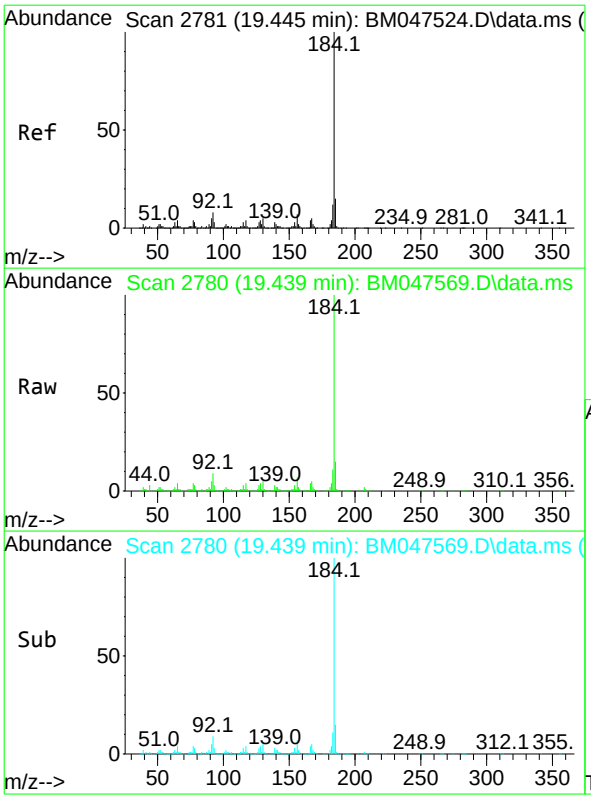


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:240 Resp: 835988

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.6	14.4
236	26.1	20.9	31.3

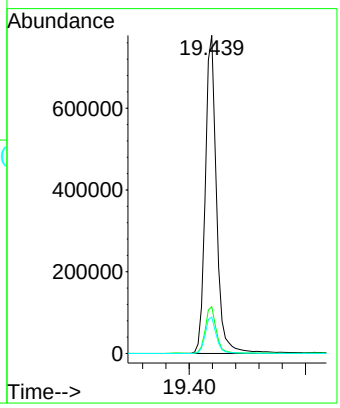




#77
Benzidine
Concen: 88.491 ng
RT: 19.439 min Scan# 27
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:184 Resp: 1041881

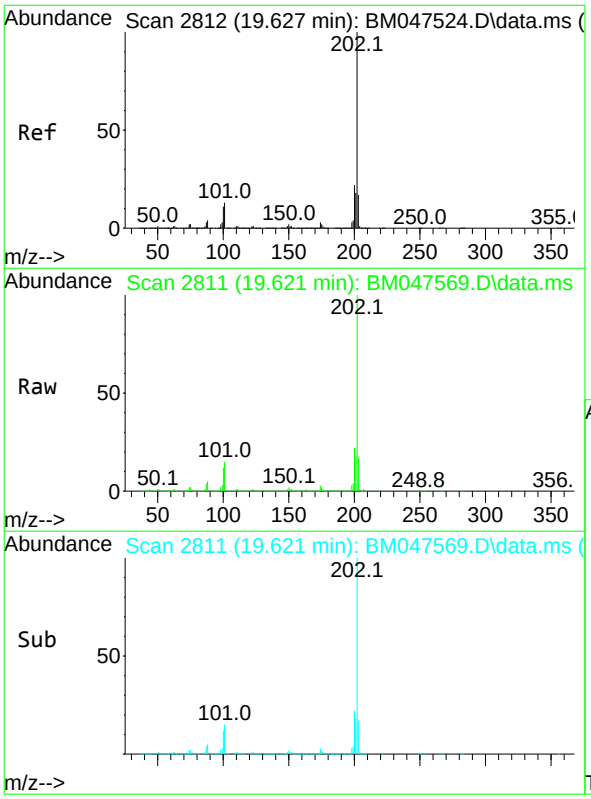
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.4	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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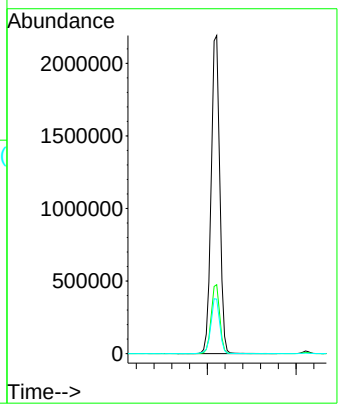
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

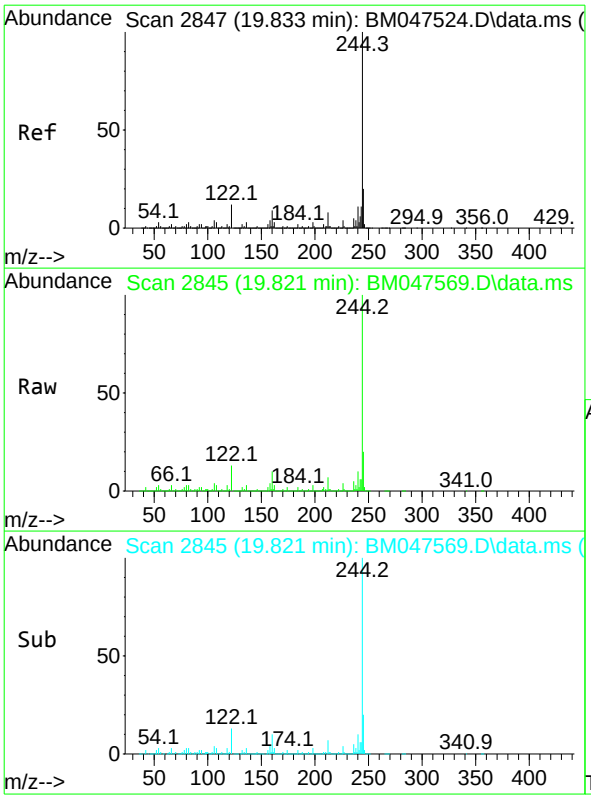


#78
Pyrene
Concen: 48.256 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:202 Resp: 2942597

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.1	14.0	21.0

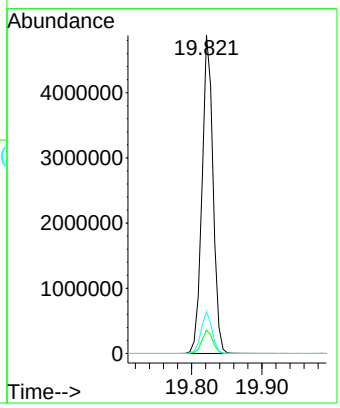




#79
Terphenyl-d14
Concen: 113.202 ng
RT: 19.821 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:244 Resp: 5281167

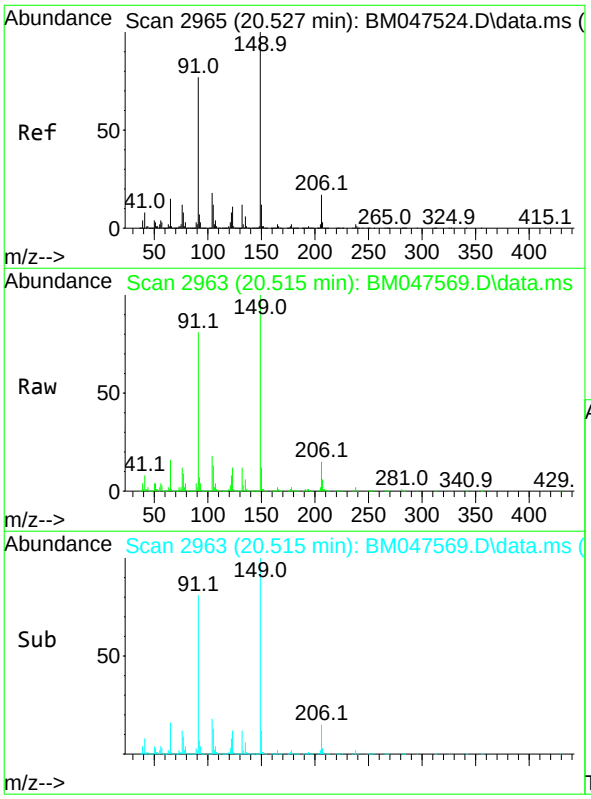
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.1	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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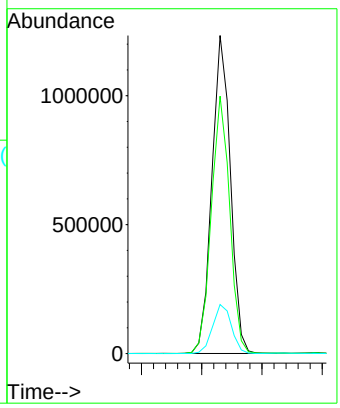
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

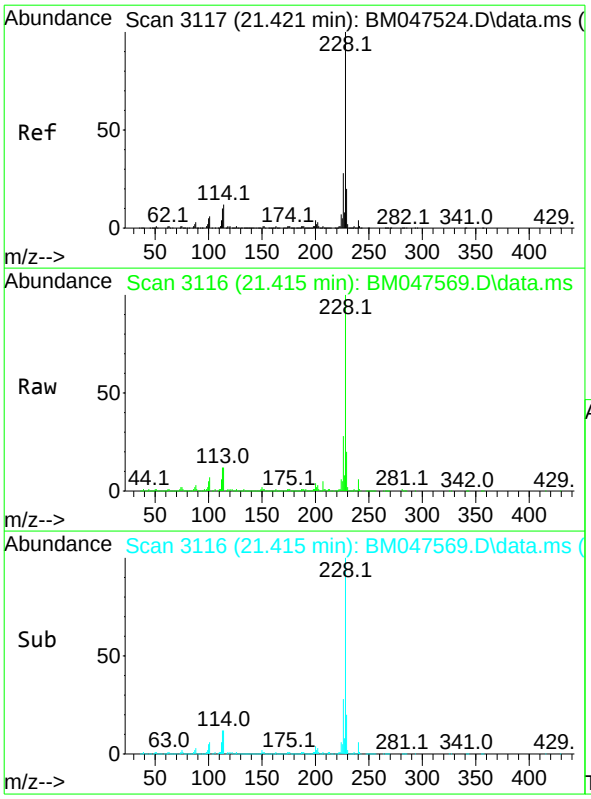


#80
Butylbenzylphthalate
Concen: 56.247 ng
RT: 20.515 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 1320356

Ion	Ratio	Lower	Upper
149	100		
91	80.9	62.0	93.0
206	15.4	13.8	20.8





#81
Benzo(a)anthracene
Concen: 49.105 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

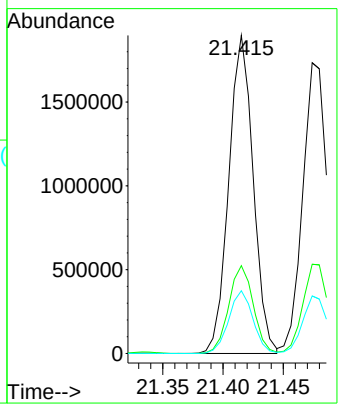
Tgt Ion:228 Resp: 2675714

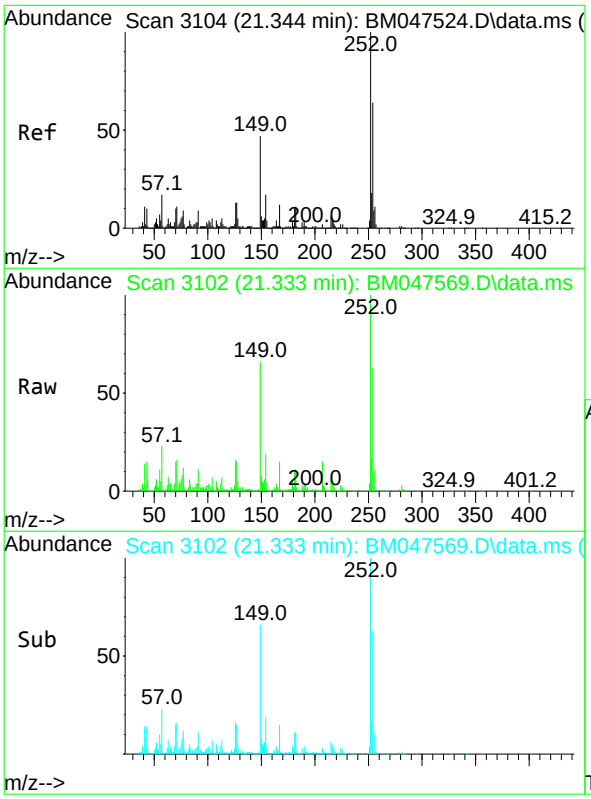
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	19.7	16.0	24.0

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

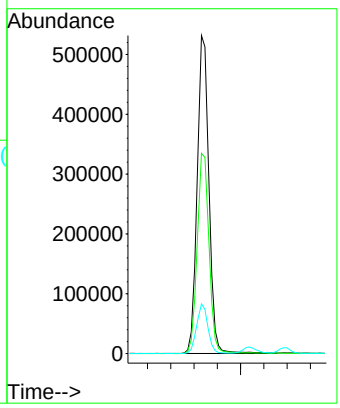


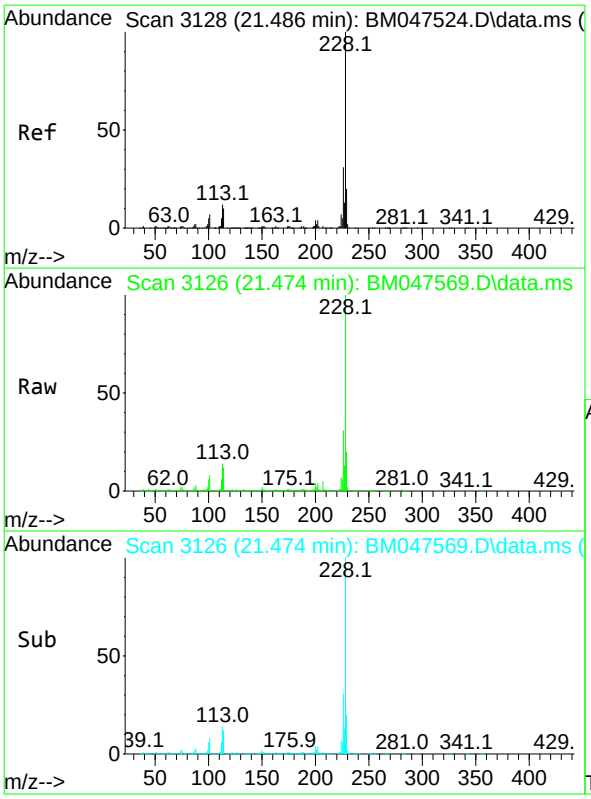


#82
3,3'-Dichlorobenzidine
Concen: 51.351 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:252 Resp: 744323

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	15.6	10.3	15.5#

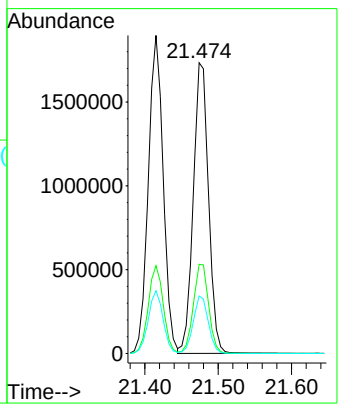




#83
Chrysene
Concen: 48.559 ng
RT: 21.474 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:228 Resp: 2502737

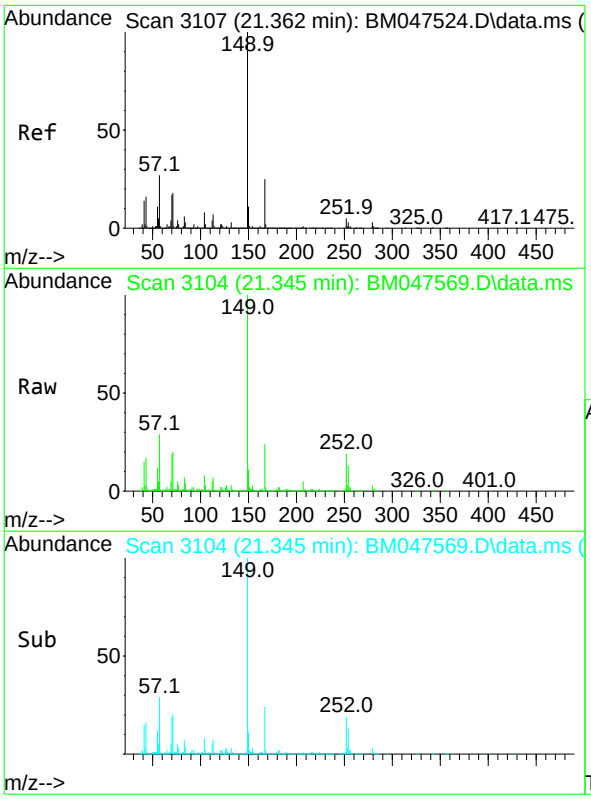
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

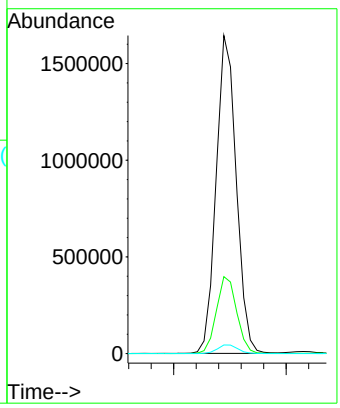
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

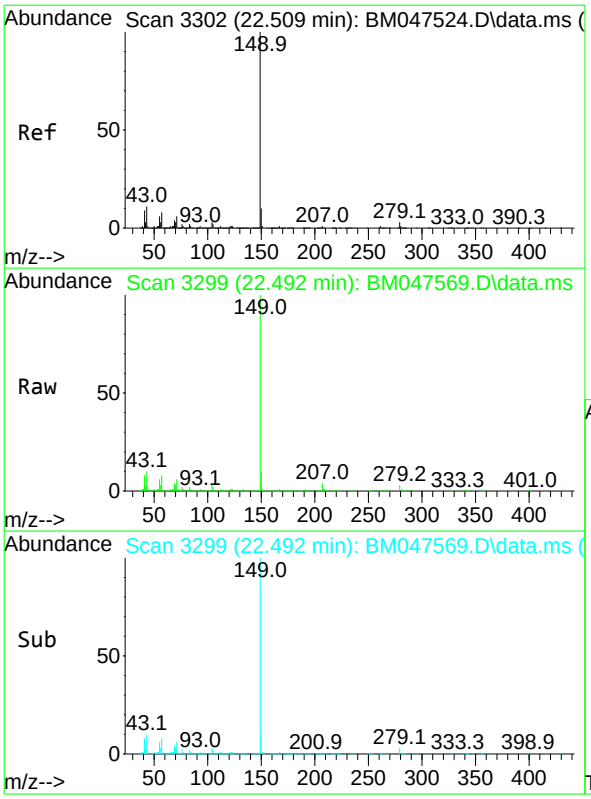


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.465 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 2039617

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.2	30.4
279	2.7	2.6	4.0

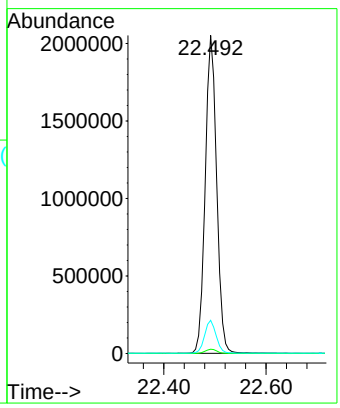




#85
Di-n-octyl phthalate
Concen: 61.023 ng
RT: 22.492 min Scan# 32
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 3174143

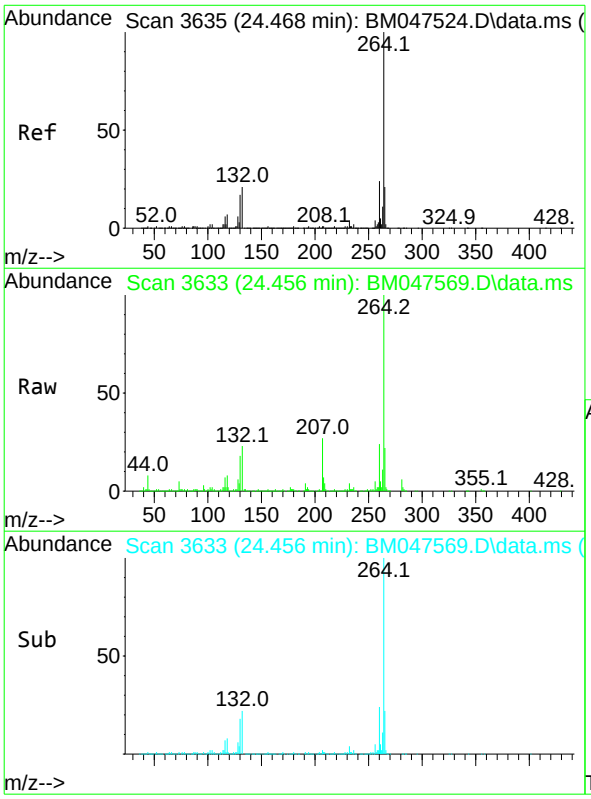
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.4	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

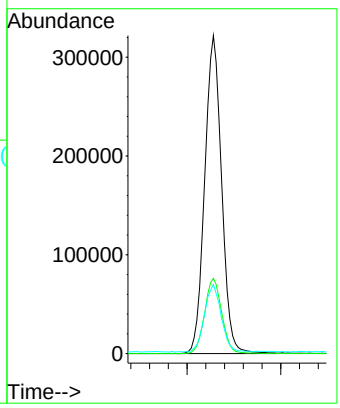
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

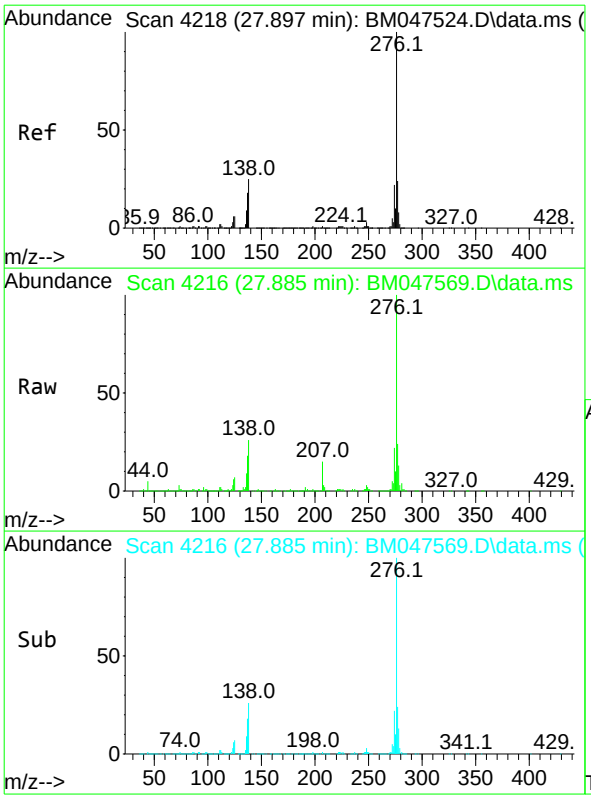


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:264 Resp: 806711

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 63.640 ng
RT: 27.885 min Scan# 42
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

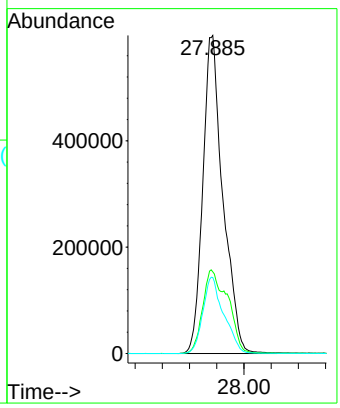
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

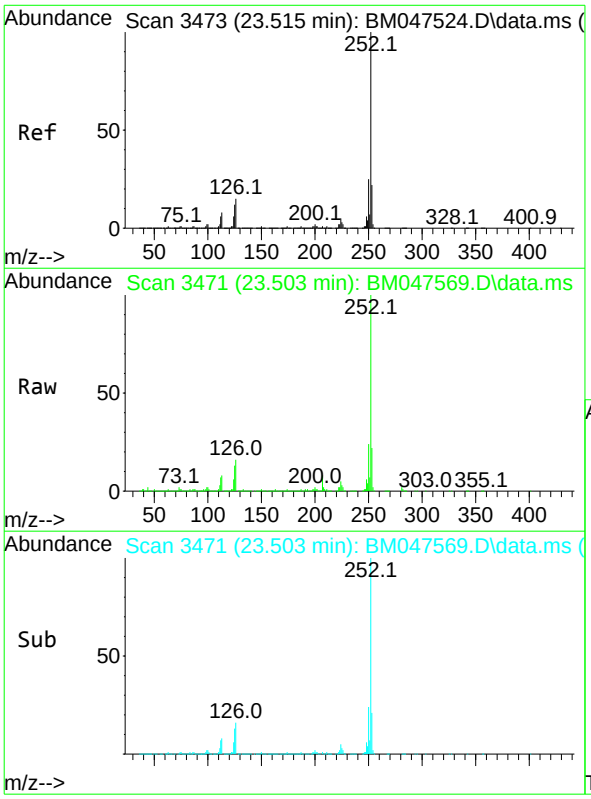
Tgt Ion:276 Resp: 3072358

Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	24.9	20.1	30.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

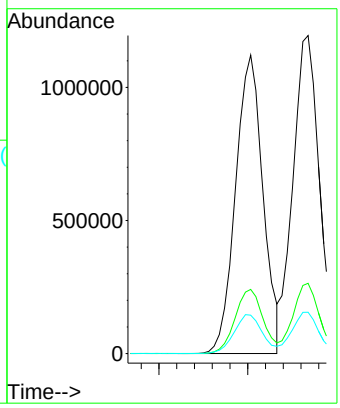


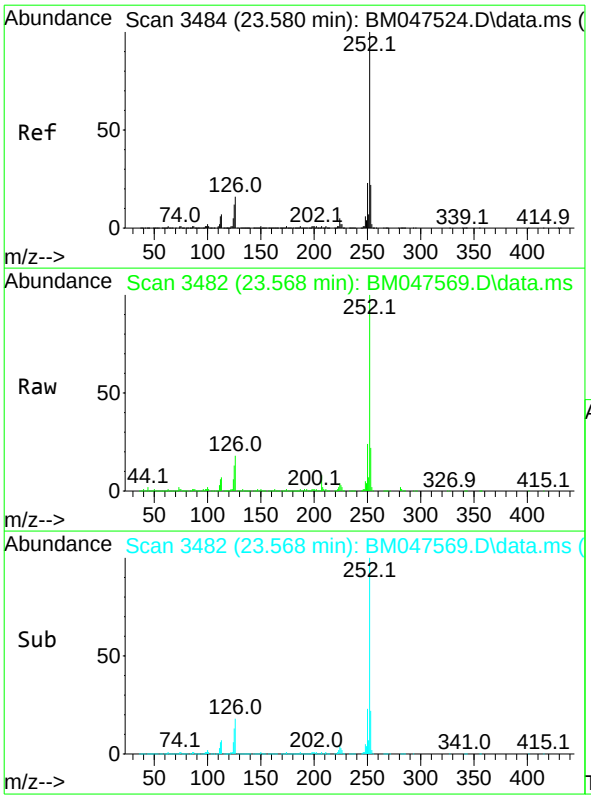


#88
Benzo(b)fluoranthene
Concen: 46.105 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:252 Resp: 2406481

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	12.9	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 47.996 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

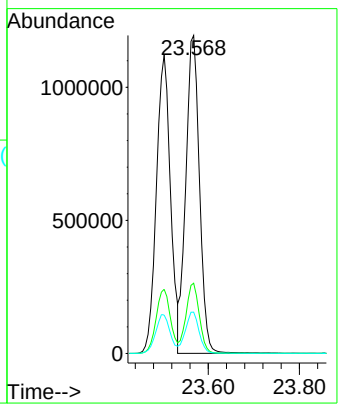
Tgt Ion:252 Resp: 2482785

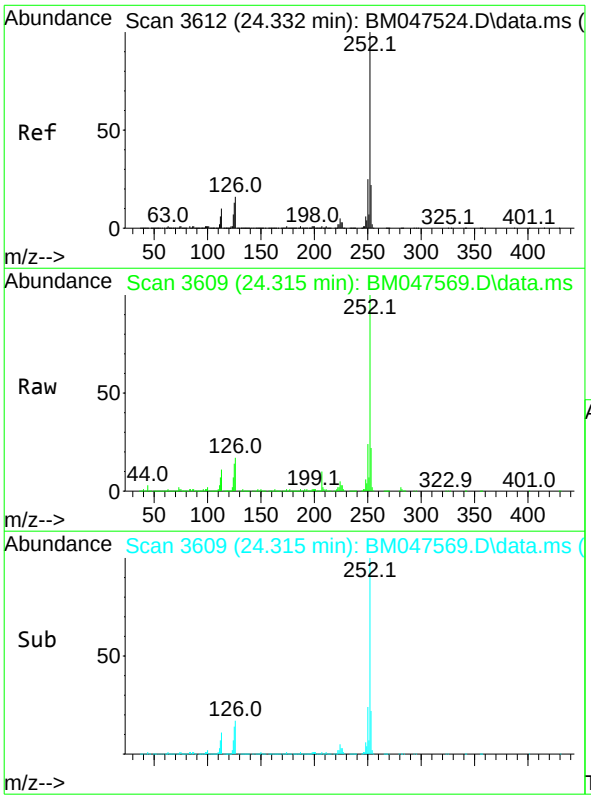
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.0	9.5	14.3

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

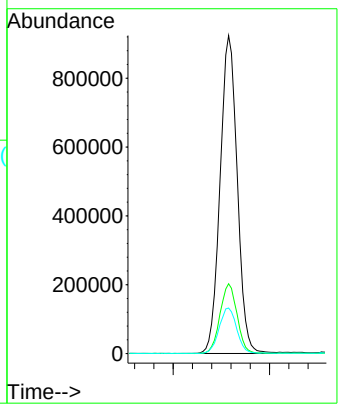


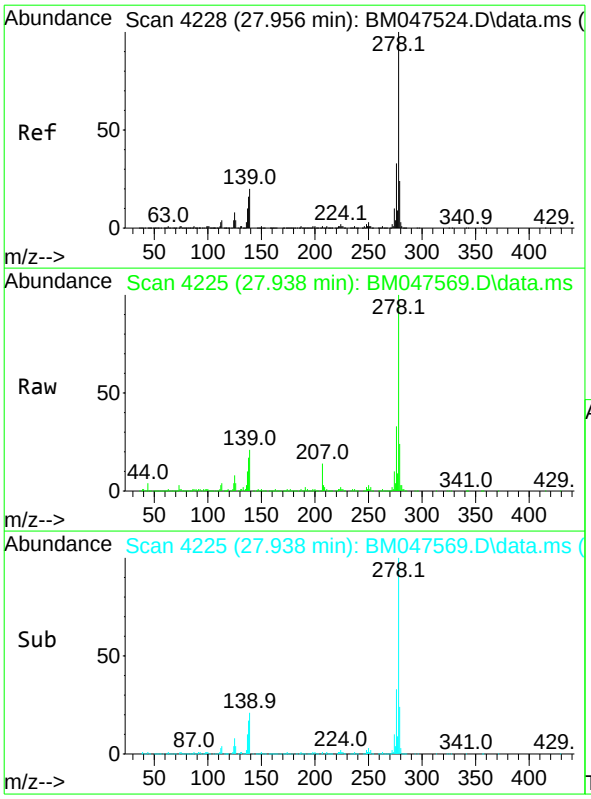


#90
Benzo(a)pyrene
Concen: 53.357 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:252 Resp: 2282601

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	14.3	10.2	15.4

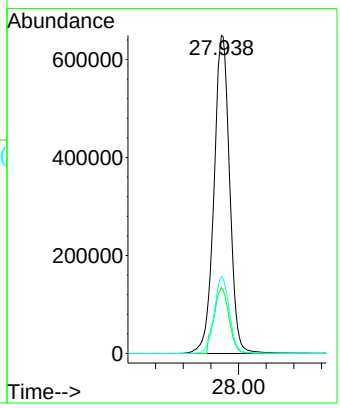




#91
Dibenzo(a,h)anthracene
Concen: 62.958 ng
RT: 27.938 min Scan# 42
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:278 Resp: 2557213

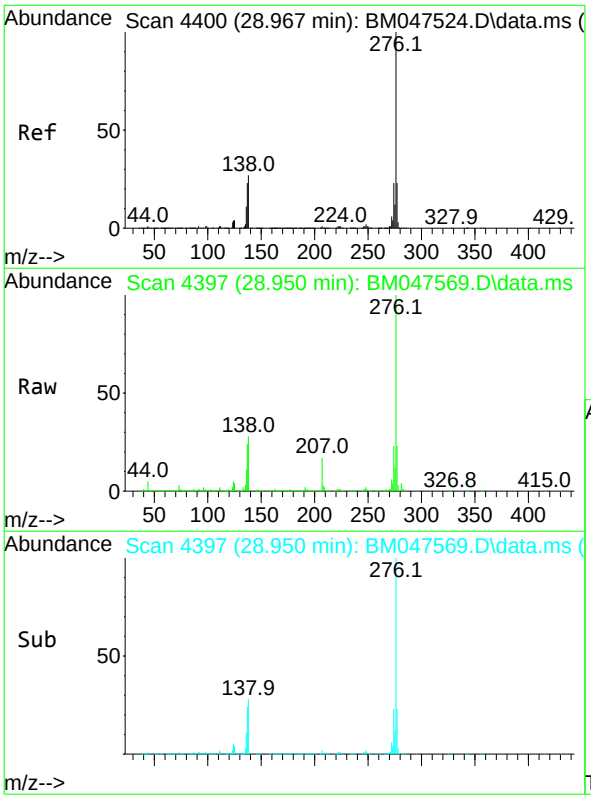
Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.1	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Manual Integrations
APPROVED

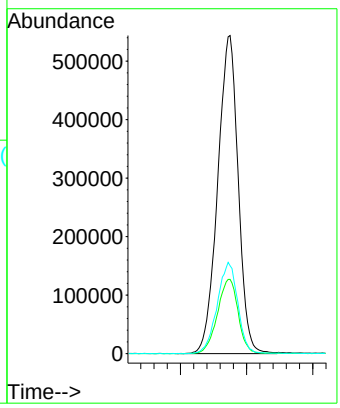
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 58.988 ng
RT: 28.950 min Scan# 4397
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:276 Resp: 2340478

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	27.6	21.5	32.3



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Manual Integration Report

Sequence:	BF091324	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BF139349.D	Aniline	yogesh	9/16/2024 1:23:42 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICC050	BF139350.D	Aniline	yogesh	9/16/2024 1:23:46 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICC060	BF139351.D	Aniline	yogesh	9/16/2024 1:23:50 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICC060	BF139351.D	Benzoic acid	yogesh	9/16/2024 1:23:50 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICC080	BF139352.D	Benzoic acid	yogesh	9/16/2024 1:23:53 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICC080	BF139352.D	bis(2-Chloroethyl)ether	yogesh	9/16/2024 1:23:53 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF091624	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BM091424	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM047521.D	Benzaldehyde	yogesh	9/16/2024 1:24:56 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC010	BM047522.D	Benzaldehyde	yogesh	9/16/2024 1:24:59 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC010	BM047522.D	Benzoic acid	yogesh	9/16/2024 1:24:59 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC010	BM047522.D	Caprolactam	yogesh	9/16/2024 1:24:59 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICCC040	BM047524.D	Pyridine	yogesh	9/16/2024 1:25:03 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC050	BM047525.D	Pyridine	yogesh	9/16/2024 1:25:05 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC060	BM047526.D	Pyridine	yogesh	9/16/2024 1:25:08 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC080	BM047527.D	Caprolactam	yogesh	9/16/2024 1:25:12 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICC080	BM047527.D	Pyridine	yogesh	9/16/2024 1:25:12 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICV040	BM047528.D	2,2"-oxybis(1-Chloropropane)	yogesh	9/16/2024 1:25:15 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software
SSTDICV040	BM047528.D	Pyridine	yogesh	9/16/2024 1:25:15 AM	mohammad	9/17/2024 2:00:30 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM091924	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM047566.D	Pyridine	Jagrut	9/20/2024 4:22:12 PM	mohammad	9/22/2024 12:55:48 AM	Peak Integrated by Software
PB163318BS	BM047568.D	Acenaphthene	Jagrut	9/20/2024 4:22:14 PM	mohammad	9/22/2024 12:55:48 AM	Peak Integrated by Software
PB163318BS	BM047568.D	Caprolactam	Jagrut	9/20/2024 4:22:14 PM	mohammad	9/22/2024 12:55:48 AM	Peak Integrated by Software
PB163318BSD	BM047569.D	Acenaphthene	Jagrut	9/20/2024 4:22:16 PM	mohammad	9/22/2024 12:55:48 AM	Peak Integrated by Software
PB163318BSD	BM047569.D	Caprolactam	Jagrut	9/20/2024 4:22:16 PM	mohammad	9/22/2024 12:55:48 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091324

Review By	yogesh	Review On	9/16/2024 1:24:18 AM				
Supervise By	mohammad	Supervise On	9/16/2024 2:17:37 AM				
SubDirectory	BF091324	HP Acquire Method	BNA_F		HP Processing Method	bf091324	

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12314,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF139344.D	13 Sep 2024 14:04	RC/JU	Ok
2	SSTDICC2.5	BF139345.D	13 Sep 2024 14:32	RC/JU	Ok
3	SSTDICC005	BF139346.D	13 Sep 2024 15:00	RC/JU	Ok
4	SSTDICC010	BF139347.D	13 Sep 2024 15:28	RC/JU	Ok
5	SSTDICC020	BF139348.D	13 Sep 2024 15:57	RC/JU	Ok
6	SSTDICCC040	BF139349.D	13 Sep 2024 16:53	RC/JU	Ok,M
7	SSTDICC050	BF139350.D	13 Sep 2024 17:51	RC/JU	Ok,M
8	SSTDICC060	BF139351.D	13 Sep 2024 18:48	RC/JU	Ok,M
9	SSTDICC080	BF139352.D	13 Sep 2024 19:44	RC/JU	Ok,M
10	SSTDICV040	BF139353.D	13 Sep 2024 20:41	RC/JU	Ok
11	PB163259BL	BF139354.D	13 Sep 2024 21:09	RC/JU	Ok
12	SP6630	BF139355.D	13 Sep 2024 21:38	RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091624

Review By	yogesh	Review On	9/17/2024 1:35:51 AM		
Supervise By	mohammad	Supervise On	9/19/2024 4:59:59 AM		
SubDirectory	BF091624	HP Acquire Method	BNA_F	HP Processing Method	bf091324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF139376.D	16 Sep 2024 10:09	RC/JU	Ok
2	SSTDCCC040	BF139377.D	16 Sep 2024 10:36	RC/JU	Ok
3	PB163318BL	BF139378.D	16 Sep 2024 11:04	RC/JU	Ok
4	P3845-06	BF139379.D	16 Sep 2024 12:35	RC/JU	Dilution
5	P3845-06DL	BF139380.D	16 Sep 2024 13:13	RC/JU	Ok
6	P3929-03	BF139381.D	16 Sep 2024 16:30	RC/JU	Ok,M
7	P3929-01	BF139382.D	16 Sep 2024 16:58	RC/JU	Ok,M
8	P3947-01	BF139383.D	16 Sep 2024 17:27	RC/JU	Ok,M
9	P3947-01MS	BF139384.D	16 Sep 2024 17:55	RC/JU	Ok,M
10	P3947-01MSD	BF139385.D	16 Sep 2024 18:23	RC/JU	Ok
11	P3930-01	BF139386.D	16 Sep 2024 18:51	RC/JU	Ok
12	P3930-02RE	BF139387.D	16 Sep 2024 19:20	RC/JU	Confirms
13	P3962-01	BF139388.D	16 Sep 2024 19:48	RC/JU	Ok,M
14	P3976-01	BF139389.D	16 Sep 2024 20:16	RC/JU	Ok,M
15	P3979-01	BF139390.D	16 Sep 2024 20:44	RC/JU	Ok,M
16	P3980-01	BF139391.D	16 Sep 2024 21:12	RC/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM091424

Review By	yogesh	Review On	9/16/2024 1:25:35 AM		
Supervise By	mohammad	Supervise On	9/17/2024 2:00:30 AM		
SubDirectory	BM091424	HP Acquire Method	BNA_M	HP Processing Method	BM091424

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628
CCC	SP6624
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM047519.D	14 Sep 2024 11:17	RC/JU	Ok
2	SSTDICC2.5	BM047520.D	14 Sep 2024 11:57	RC/JU	Ok
3	SSTDICC005	BM047521.D	14 Sep 2024 12:36	RC/JU	Ok,M
4	SSTDICC010	BM047522.D	14 Sep 2024 13:16	RC/JU	Ok,M
5	SSTDICC020	BM047523.D	14 Sep 2024 13:55	RC/JU	Ok
6	SSTDICCC040	BM047524.D	14 Sep 2024 14:35	RC/JU	Ok,M
7	SSTDICC050	BM047525.D	14 Sep 2024 15:14	RC/JU	Ok,M
8	SSTDICC060	BM047526.D	14 Sep 2024 15:54	RC/JU	Ok,M
9	SSTDICC080	BM047527.D	14 Sep 2024 16:34	RC/JU	Ok,M
10	SSTDICV040	BM047528.D	14 Sep 2024 17:53	RC/JU	Ok,M
11	PB163160BL	BM047529.D	14 Sep 2024 18:32	RC/JU	Ok
12	PB163160BS	BM047530.D	14 Sep 2024 19:12	RC/JU	Ok,M
13	PB163160BSD	BM047531.D	14 Sep 2024 19:51	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM091924

Review By	Jagrut	Review On	9/20/2024 4:22:41 PM				
Supervise By	mohammad	Supervise On	9/22/2024 12:55:48 AM				
SubDirectory	BM091924	HP Acquire Method	BNA_M		HP Processing Method	BM091424	

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628
CCC	SP6624
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM047565.D	19 Sep 2024 08:54	RC/JU	Ok
2	SSTDCCC040	BM047566.D	19 Sep 2024 11:49	RC/JU	Ok,M
3	PB163318BL	BM047567.D	19 Sep 2024 12:35	RC/JU	Ok
4	PB163318BS	BM047568.D	19 Sep 2024 13:15	RC/JU	Ok,M
5	PB163318BSD	BM047569.D	19 Sep 2024 13:54	RC/JU	Ok,M
6	P3845-22	BM047570.D	19 Sep 2024 14:34	RC/JU	Not Ok
7	PB163344BS	BM047571.D	19 Sep 2024 15:14	RC/JU	Ok,M
8	PB163344BSD	BM047572.D	19 Sep 2024 15:53	RC/JU	Ok,M
9	PB163344BL	BM047573.D	19 Sep 2024 16:33	RC/JU	Ok
10	P3956-02	BM047574.D	19 Sep 2024 17:13	RC/JU	Ok
11	PB163525BL	BM047575.D	19 Sep 2024 17:53	RC/JU	Not Ok
12	PB163525BS	BM047576.D	19 Sep 2024 18:32	RC/JU	Ok,M
13	P4103-13	BM047577.D	19 Sep 2024 19:12	RC/JU	Ok
14	P4103-13MS	BM047578.D	19 Sep 2024 19:52	RC/JU	Ok,M
15	P4103-13MSD	BM047579.D	19 Sep 2024 20:32	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091324

Review By	yogesh	Review On	9/16/2024 1:24:18 AM		
Supervise By	mohammad	Supervise On	9/16/2024 2:17:37 AM		
SubDirectory	BF091324	HP Acquire Method	BNA_F	HP Processing Method	bf091324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12314,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF139344.D	13 Sep 2024 14:04		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF139345.D	13 Sep 2024 14:32		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF139346.D	13 Sep 2024 15:00	Compound #54 removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF139347.D	13 Sep 2024 15:28		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF139348.D	13 Sep 2024 15:57	Calibration Failed for Com#77(Benzidine) in both 8270 DOD and NON-DOD	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF139349.D	13 Sep 2024 16:53	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF139350.D	13 Sep 2024 17:51	Calibration is Passing for 625.1 Method for all Compounds Except com#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF139351.D	13 Sep 2024 18:48		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF139352.D	13 Sep 2024 19:44	Compound #6,9 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF091324	BF139353.D	13 Sep 2024 20:41	Com#77 is failing in ICV for Both 8270 DOD and NON-DOD	RC/JU	Ok
11	PB163259BL	PB163259BL	BF139354.D	13 Sep 2024 21:09		RC/JU	Ok
12	SP6630	SP6630	BF139355.D	13 Sep 2024 21:38	8270 SPIKE	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091624

Review By	yogesh	Review On	9/17/2024 1:35:51 AM		
Supervise By	mohammad	Supervise On	9/19/2024 4:59:59 AM		
SubDirectory	BF091624	HP Acquire Method	BNA_F	HP Processing Method	bf091324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF139376.D	16 Sep 2024 10:09		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF139377.D	16 Sep 2024 10:36		RC/JU	Ok
3	PB163318BL	PB163318BL	BF139378.D	16 Sep 2024 11:04	Analyzed for contamination check, Method is Fail for Com#77	RC/JU	Ok
4	P3845-06	PT-ACIDS-WP	BF139379.D	16 Sep 2024 12:35	PT Sample-Need 5X Dilution.	RC/JU	Dilution
5	P3845-06DL	PT-ACIDS-WPDL	BF139380.D	16 Sep 2024 13:13		RC/JU	Ok
6	P3929-03	72-11930	BF139381.D	16 Sep 2024 16:30		RC/JU	Ok,M
7	P3929-01	BIN-2	BF139382.D	16 Sep 2024 16:58		RC/JU	Ok,M
8	P3947-01	RW-1	BF139383.D	16 Sep 2024 17:27		RC/JU	Ok,M
9	P3947-01MS	RW-1MS	BF139384.D	16 Sep 2024 17:55		RC/JU	Ok,M
10	P3947-01MSD	RW-1MSD	BF139385.D	16 Sep 2024 18:23		RC/JU	Ok
11	P3930-01	DN-B-33	BF139386.D	16 Sep 2024 18:51		RC/JU	Ok
12	P3930-02RE	DN-B-34RE	BF139387.D	16 Sep 2024 19:20	Surrogate Fail	RC/JU	Confirms
13	P3962-01	TR-04-091124	BF139388.D	16 Sep 2024 19:48	Internal Standard Fail	RC/JU	Ok,M
14	P3976-01	RW-2	BF139389.D	16 Sep 2024 20:16		RC/JU	Ok,M
15	P3979-01	EO-03-091224	BF139390.D	16 Sep 2024 20:44		RC/JU	Ok,M
16	P3980-01	HD-02-091224	BF139391.D	16 Sep 2024 21:12	Need further 5X Dilution.	RC/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM091424

Review By	yogesh	Review On	9/16/2024 1:25:35 AM		
Supervise By	mohammad	Supervise On	9/17/2024 2:00:30 AM		
SubDirectory	BM091424	HP Acquire Method	BNA_M	HP Processing Method	BM091424

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628
CCC	SP6624
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM047519.D	14 Sep 2024 11:17		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM047520.D	14 Sep 2024 11:57		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM047521.D	14 Sep 2024 12:36	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM047522.D	14 Sep 2024 13:16		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM047523.D	14 Sep 2024 13:55	Compound #32,65 Kept on LR and Compound #54 Kept on QR	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BM047524.D	14 Sep 2024 14:35	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM047525.D	14 Sep 2024 15:14		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM047526.D	14 Sep 2024 15:54		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BM047527.D	14 Sep 2024 16:34	Compound #77 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBM091424	BM047528.D	14 Sep 2024 17:53		RC/JU	Ok,M
11	PB163160BL	PB163160BL	BM047529.D	14 Sep 2024 18:32		RC/JU	Ok
12	PB163160BS	PB163160BS	BM047530.D	14 Sep 2024 19:12		RC/JU	Ok,M
13	PB163160BSD	PB163160BSD	BM047531.D	14 Sep 2024 19:51	Double Internal Standard added	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM091924

Review By	Jagrut	Review On	9/20/2024 4:22:41 PM		
Supervise By	mohammad	Supervise On	9/22/2024 12:55:48 AM		
SubDirectory	BM091924	HP Acquire Method	BNA_M	HP Processing Method	BM091424

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628
CCC	SP6624
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM047565.D	19 Sep 2024 08:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM047566.D	19 Sep 2024 11:49		RC/JU	Ok,M
3	PB163318BL	PB163318BL	BM047567.D	19 Sep 2024 12:35		RC/JU	Ok
4	PB163318BS	PB163318BS	BM047568.D	19 Sep 2024 13:15		RC/JU	Ok,M
5	PB163318BSD	PB163318BSD	BM047569.D	19 Sep 2024 13:54		RC/JU	Ok,M
6	P3845-22	RR-TRIAZINE-WP	BM047570.D	19 Sep 2024 14:34	PT Sample, Internal Standard Fail	RC/JU	Not Ok
7	PB163344BS	PB163344BS	BM047571.D	19 Sep 2024 15:14		RC/JU	Ok,M
8	PB163344BSD	PB163344BSD	BM047572.D	19 Sep 2024 15:53		RC/JU	Ok,M
9	PB163344BL	PB163344BL	BM047573.D	19 Sep 2024 16:33		RC/JU	Ok
10	P3956-02	EFF-WW	BM047574.D	19 Sep 2024 17:13	Surrogate Fail	RC/JU	Ok
11	PB163525BL	PB163525BL	BM047575.D	19 Sep 2024 17:53	Internal Standard and Surrogate fail	RC/JU	Not Ok
12	PB163525BS	PB163525BS	BM047576.D	19 Sep 2024 18:32		RC/JU	Ok,M
13	P4103-13	WC-14-7.5-10B	BM047577.D	19 Sep 2024 19:12		RC/JU	Ok
14	P4103-13MS	WC-14-7.5-10BMS	BM047578.D	19 Sep 2024 19:52		RC/JU	Ok,M
15	P4103-13MSD	WC-14-7.5-10BMSD	BM047579.D	19 Sep 2024 20:32		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB163318

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 09/12/2024

Extraction Start Time : 08:40

Extraction End Date : 09/12/2024

Extraction End Time : 13:40

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6604
Surrogate	1.0ML	100/150 PPM	SP6524
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3791
Baked Na2SO4	N/A	EP2532
10N NaoH	N/A	EP2523
H2SO4 1:1	N/A	EP2524
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted <2 with 1:1H2SO4 & >11 with 10 N NaOH.P3940-01 Extracted out of hold as per Client.

KD Bath ID: Water bath -01,02

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/12/24	RP (Sol.Las)	RC/SVOC
13:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB163318

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 09/12/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163318BL	SBLK318	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB163318BS	SLCS318	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB163318BSD	SLCSD318	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
P3845-03	PT-BN-WP	SVOCMS Group1	1000	6	RUPESH	ritesh	1			4
P3845-06	PT-ACIDS-WP	SVOCMS Group2	1000	6	RUPESH	ritesh	1			5
P3845-22	RR-TRIAZINE-WP	SVOCMS Group6	1000	6	RUPESH	ritesh	1			6
P3940-01	AST-2024-4036-PRIM	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	G		7

* **Extracts relinguished on the same date as received.**

9/12/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P3940 **WorkList ID :** 183415 **Department :** Extraction **Date :** 09-12-2024 08:38:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3845-03	PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	CHEM02	QA Of	09/03/2024	8270E
P3845-06	PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	CHEM02	QA Of	09/03/2024	8270E
P3845-22	RR-TRIAZINE-WP	Water	SVOCMS Group6	Cool 4 deg C	CHEM02	QA Of	09/03/2024	8270E
P3940-01	AST-2024-4036-PRIM	Water	SVOC-TCL BNA -20	Cool 4 deg C	WIND03	H53	08/29/2024	8270E

Date/Time 09/12/24 5:40
Raw Sample Received by: RJ (Cert Lab)
Raw Sample Relinquished by: JD CSM

Date/Time 09/17/24 9:05
Raw Sample Received by: JD CSM
Raw Sample Relinquished by: RJ (Cert Lab)

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Prep Standard - Chemical Standard Summary

Order ID : P3845

Test : SVOCMS Group2

Prepbatch ID : PB163318,

Sequence ID/Qc Batch ID: BF091424,BF091424,BF091624,BF091624,BM091624,BM091624,BM091924,BM091924,BM092324,

Standard ID :
EP2523,EP2524,EP2532,SP6524,SP6558,SP6559,SP6573,SP6587,SP6588,SP6589,SP6590,SP6591,SP6592,SP6593,SP6594,SP6595,SP6604,SP6620,SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3744,E3768,E3780,E3786,E3791,M5037,S10103,S10247,S10398,S10583,S10972,S10973,S10974,S10975,S10976,S10977,S10996,S10997,S10998,S10999,S11000,S11001,S11002,S11003,S11012,S11084,S11085,S11093,S11097,S11098,S11103,S11138,S11141,S11159,S11494,S11555,S11561,S11566,S11567,S11766,S11767,S11768,S11769,S11770,S12033,S12039,S12077,S12078,S12097,S12098,S12099,S12100,S12101,S12102,S12103,S12104,S12105,S12112,S12113,S12117,S12118,S12119,S12120,S12121,S12122,S12123,S12124,S12125,S12126,S12275,S12314,S12315,S12316,S12449,S12450,S12451,S12452,S12453,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1874	10 N SODIUM HYDROXIDE SOLN	EP2523	08/14/2024	02/14/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 08/14/2024

FROM 1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2524	08/14/2024	12/15/2024	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 08/14/2024

FROM 1000.00000ml of M5037 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2532	08/30/2024	01/03/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 08/30/2024

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6524	05/31/2024	11/29/2024	Jagrut Upadhyay	None	None	Yogesh Patel 06/13/2024

FROM 1930.00000ml of E3744 + 2.90000ml of S11003 + 3.00000ml of S10977 + 5.30000ml of S10996 + 5.30000ml of S10997 + 5.30000ml of S10998 + 5.30000ml of S10999 + 5.30000ml of S11000 + 5.30000ml of S11001 + 5.30000ml of S11002 + 5.40000ml of S10972 + 5.40000ml of S10973 + 5.40000ml of S10974 + 5.40000ml of S10975 + 5.40000ml of S10976 = Final Quantity: 2000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6558	07/09/2024	11/30/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/11/2024

FROM 0.04000ml of S10977 + 0.08000ml of S11003 + 0.10000ml of S11766 + 0.20000ml of S11566 + 0.20000ml of S12097 + 0.20000ml of S12117 + 1.18000ml of E3768 = Final Quantity: 2.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6559	07/09/2024	11/30/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/11/2024

FROM 0.01000ml of S12033 + 0.60000ml of E3768 + 0.40000ml of SP6558 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6573	07/15/2024	01/08/2025	Rahul Chavli	None	None	Yogesh Patel 07/17/2024

FROM 1.00000ml of S10247 + 19.00000ml of E3768 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6587	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.26700ml of S10103 + 0.40000ml of S11494 + 0.50000ml of S12112 + 1.00000ml of S11084 + 1.00000ml of S11093 + 1.00000ml of S11097 + 1.00000ml of S11103 + 1.00000ml of S12077 + 3.83300ml of E3786 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6588	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.20000ml of E3786 + 0.80000ml of SP6587 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6589	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.40000ml of E3786 + 0.60000ml of SP6587 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6590	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.50000ml of E3786 + 0.50000ml of SP6587 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6591	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.60000ml of E3786 + 0.40000ml of SP6587 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6592	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.80000ml of E3786 + 0.20000ml of SP6587 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
408	10 ng BNA ICC, 10 PPM	SP6593	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.90000ml of E3786 + 0.10000ml of SP6587 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6594	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.95000ml of E3786 + 0.05000ml of SP6587 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6595	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.50000ml of E3786 + 0.50000ml of SP6594 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6604	08/12/2024	10/26/2024	Rahul Chavli	None	None	Yogesh Patel 08/21/2024

FROM 0.20000ml of S12126 + 0.40000ml of S10398 + 0.40000ml of S10583 + 0.40000ml of S11012 + 0.40000ml of S11138 + 0.40000ml of S11141 + 0.50000ml of S12105 + 0.50000ml of S12453 + 0.70000ml of S12097 + 0.80000ml of S11566 + 0.80000ml of S12118 + 1.20000ml of S11555 + 1.20000ml of S11561 + 1.20000ml of S11767 + 1.20000ml of S11769 + 1.20000ml of S12099 + 1.20000ml of S12101 + 1.20000ml of S12104 + 1.20000ml of S12119 + 1.20000ml of S12121 + 1.20000ml of S12449 + 1.20000ml of S12451 + 1.30000ml of S11567 + 1.30000ml of S11768 + 1.30000ml of S11770 + 1.30000ml of S12098 + 1.30000ml of S12100 + 1.30000ml of S12102 + 1.30000ml of S12103 + 1.30000ml of S12120 + 1.30000ml of S12122 + 1.30000ml of S12123 + 1.30000ml of S12124 + 1.30000ml of S12450 + 1.30000ml of S12452 + 1.40000ml of S12125 + 163.00000ml of E3780 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6620	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.26700ml of S10103 + 0.40000ml of S11494 + 0.50000ml of S12113 + 1.00000ml of S11085 + 1.00000ml of S11098 + 1.00000ml of S11159 + 1.00000ml of S12078 + 1.00000ml of S12275 + 3.83300ml of E3791 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6621	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.20000ml of E3791 + 0.80000ml of SP6620 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6622	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.40000ml of E3791 + 0.60000ml of SP6620 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6623	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.50000ml of E3791 + 0.50000ml of SP6620 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6624	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.60000ml of E3791 + 0.40000ml of SP6620 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6625	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.80000ml of E3791 + 0.20000ml of SP6620 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
408	10 ng BNA ICC, 10 PPM	SP6626	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.90000ml of E3791 + 0.10000ml of SP6620 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6627	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.95000ml of E3791 + 0.05000ml of SP6620 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6628	09/11/2024	02/08/2025	Jagrut Upadhyay	None	None	mohammad ahmed 09/11/2024

FROM 0.01000ml of S12314 + 0.50000ml of E3791 + 0.50000ml of SP6627 = Final Quantity: 1.010 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H14626005	11/29/2024	05/29/2024 / Rajesh	05/23/2024 / Rajesh	E3744

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24E2462004	01/08/2025	07/08/2024 / Rajesh	06/21/2024 / Rajesh	E3768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	02/10/2025	08/10/2024 / Rajesh	07/24/2024 / Rajesh	E3780

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24F1062004	02/01/2025	08/01/2024 / Rajesh	07/16/2024 / Rajesh	E3786

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24G2362009	03/09/2025	09/09/2024 / Rajesh	09/03/2024 / Rajesh	E3791

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000250349	12/15/2024	01/06/2022 / mohan	09/18/2021 / mohan	M5037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	02/08/2025	08/08/2024 / Jagrut	12/09/2021 / Christian	S10103

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0182667	01/15/2025	07/15/2024 / Rahul	03/18/2022 / Christian	S10247

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0185300	10/26/2024	04/26/2024 / Rahul	05/18/2022 / Christian	S10398

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	02/12/2025	08/12/2024 / Rahul	07/05/2022 / Christian	S10583

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	08/31/2030	05/31/2024 / Jagrut	12/28/2022 / Christian	S10972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10975

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10977

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	08/31/2028	05/31/2024 / Jagrut	12/28/2022 / Christian	S10996

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10997

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10998

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10999

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11000

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11001

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11002

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11003

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0193449	10/26/2024	04/26/2024 / Rahul	01/13/2023 / Christian	S11012

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11084

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	03/11/2025	09/11/2024 / Rahul	02/07/2023 / Christian	S11085

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11093

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	495831	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	495831	03/11/2025	09/11/2024 / Rahul	02/07/2023 / Christian	S11098

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11103

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0194698	02/12/2025	08/12/2024 / Rahul	02/20/2023 / Christian	S11138

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0194702	02/12/2025	08/12/2024 / Rahul	02/20/2023 / Christian	S11141

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	03/11/2025	09/11/2024 / Rahul	03/06/2023 / Christian	S11159

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	02/08/2025	08/08/2024 / Jagrut	08/11/2023 / Yogesh	S11494

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11555

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11561

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0201940	12/05/2024	06/05/2024 / Rahul	09/18/2023 / Kiran	S11566

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11567

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	12/14/2024	06/14/2024 / Rahul	11/21/2023 / Rahul	S11766

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	01/12/2025	07/12/2024 / Rahul	11/21/2023 / Rahul	S11767

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11770

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0201320	01/01/2025	07/01/2024 / Rahul	12/21/2023 / Rahul	S12033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0201320	02/07/2025	08/07/2024 / anahy	12/21/2023 / Rahul	S12039

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	02/08/2025	08/08/2024 / Jagrut	01/31/2024 / Rahul	S12077

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	03/11/2025	09/11/2024 / Rahul	01/31/2024 / Rahul	S12078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	01/09/2025	07/09/2024 / Jagrut	02/05/2024 / Rahul	S12097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12098

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12099

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12100

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12101

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12102

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12103

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12105

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	01/09/2025	07/09/2024 / Jagrut	03/08/2024 / Rahul	S12112

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	02/09/2025	08/09/2024 / Jagrut	03/08/2024 / Rahul	S12113

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	12/05/2024	06/05/2024 / Rahul	03/15/2024 / Rahul	S12117

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	04/30/2025	01/10/2025 / Jagrut	03/15/2024 / Rahul	S12118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12121

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12122

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12123

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12124

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	03/11/2025	09/11/2024 / Rahul	05/24/2024 / Rahul	S12275

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0206540	03/04/2025	09/04/2024 / anahy	05/30/2024 / Rahul	S12314

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0206540	03/13/2025	09/13/2024 / anahy	05/30/2024 / Rahul	S12315

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0206540	03/19/2025	09/19/2024 / anahy	05/30/2024 / Rahul	S12316

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12449

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12450

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12451

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12452

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12453

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

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S11084
to
S11088

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Jacob Mulloy
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

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Shane Overcash
Chemist

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Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

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Shane Overcash
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

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Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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~~S11097~~ S11096 to S11099

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	495831	≤ -10 °C	Methylene Chloride	10/30/2027	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1003 ± 17.27
acenaphthylene	208-96-8	97.6	14.290.1P	999.8 ± 17.22
aniline	62-53-3	99.9	64.7.1P	995 ± 17.13
anthracene	120-12-7	99.5	15.7.1P	1001 ± 17.24
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 17.21
benzo[a]anthracene	56-55-3	100	16.7.3P	1001 ± 17.24
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1001 ± 19.91
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 17.92
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 19.88
benzo[a]pyrene	50-32-8	97	20.286.2P	999.1 ± 26.35
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 17.24
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	999.7 ± 17.89
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1001 ± 17.23
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.13P	999.5 ± 17.89
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 17.21
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 19.86
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1P	999.1 ± 17.2
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 19.58
carbazole	86-74-8	99.4	239.7.2P	1000 ± 17.22

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Certified By: Briana Smith

Briana Smith
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 495831 **Expiration Date:** 10/30/2027

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	1000 ± 17.22
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	1000 ± 17.22
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	1002 ± 17.25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Briana Smith

Briana Smith
Chemist

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Santa Rosa, CA 95403

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(707)545-7901 Fax

Received on 02/07/23 by CG

~~S11097~~ S11096 to S11099

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	495831	≤ -10 °C	Methylene Chloride	10/30/2027	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1003 ± 17.27
acenaphthylene	208-96-8	97.6	14.290.1P	999.8 ± 17.22
aniline	62-53-3	99.9	64.7.1P	995 ± 17.13
anthracene	120-12-7	99.5	15.7.1P	1001 ± 17.24
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 17.21
benzo[a]anthracene	56-55-3	100	16.7.3P	1001 ± 17.24
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1001 ± 19.91
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 17.92
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 19.88
benzo[a]pyrene	50-32-8	97	20.286.2P	999.1 ± 26.35
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 17.24
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	999.7 ± 17.89
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1001 ± 17.23
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.13P	999.5 ± 17.89
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 17.21
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 19.86
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1P	999.1 ± 17.2
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 19.58
carbazole	86-74-8	99.4	239.7.2P	1000 ± 17.22

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Briana Smith

Briana Smith
Chemist

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Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 495831 **Expiration Date:** 10/30/2027

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	1000 ± 17.22
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	1000 ± 17.22
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	1002 ± 17.25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Briana Smith

Briana Smith
Chemist

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Manufacturer's Quality System
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by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

Received on
02/07/23
by CG

S11101
to
S11103

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Received on 03/18/22 by CG S10242 to S10247

Catalog No. : 31615 **Lot No.:** A0182667

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Pentachlorophenol	1,003.6 µg/mL	+/- 5.8897 µg/mL	Gravimetric
	CAS # 87-86-5 (Lot 211229RSR)		+/- 45.7132 µg/mL	Unstressed
	Purity 99%		+/- 66.0037 µg/mL	Stressed
2	DFTPP (Decafluorotriphenylphosphine)	1,006.6 µg/mL	+/- 5.9074 µg/mL	Gravimetric
	CAS # 5074-71-5 (Lot Q117-147)		+/- 45.8508 µg/mL	Unstressed
	Purity 95%		+/- 66.2023 µg/mL	Stressed
3	Benzidine	1,008.4 µg/mL	+/- 5.9179 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 211228JLM)		+/- 45.9318 µg/mL	Unstressed
	Purity 99%		+/- 66.3193 µg/mL	Stressed
4	4,4'-DDT	1,007.6 µg/mL	+/- 5.9132 µg/mL	Gravimetric
	CAS # 50-29-3 (Lot 210916JLM)		+/- 45.8954 µg/mL	Unstressed
	Purity 99%		+/- 66.2667 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

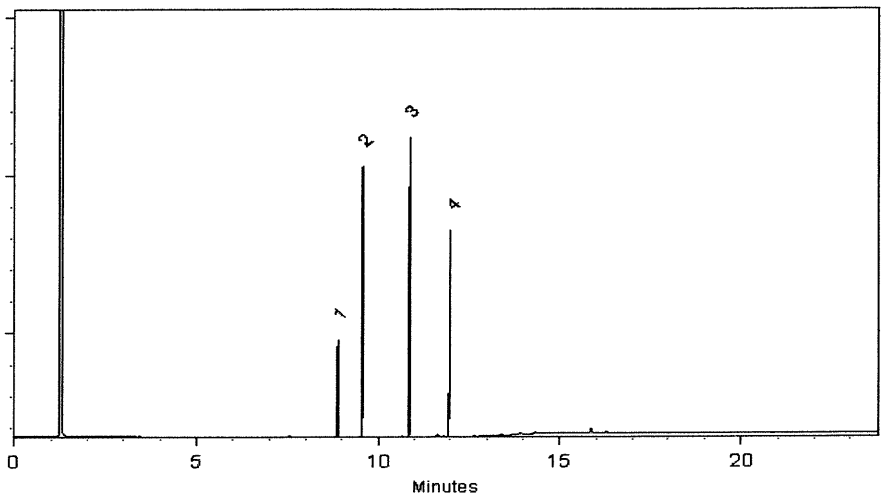
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 08-Mar-2022 **Balance:** B345965662

Merlina Cowan - Operations Tech I

Date Passed: 10-Mar-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 05/19/22

S10393 to S10402

Catalog No. : 555871 **Lot No.:** A0185300

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2025 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	4-Nitrophenol	25,060.0 µg/mL	+/- 231.9100 µg/mL	Gravimetric
	CAS # 100-02-7 (Lot MKCN1089)		+/- 753.2622 µg/mL	Unstressed
	Purity 99%		+/- 905.6020 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinnis - Operations Tech I

Date Mixed: 16-May-2022 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 07/05/22 S 10583 to S 10592

Catalog No. : 555868 **Lot No.:** A0186373

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL	Unstressed
	Purity 99%		+/- 512.6054 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 16-Jun-2022 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL		Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL		Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL		Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

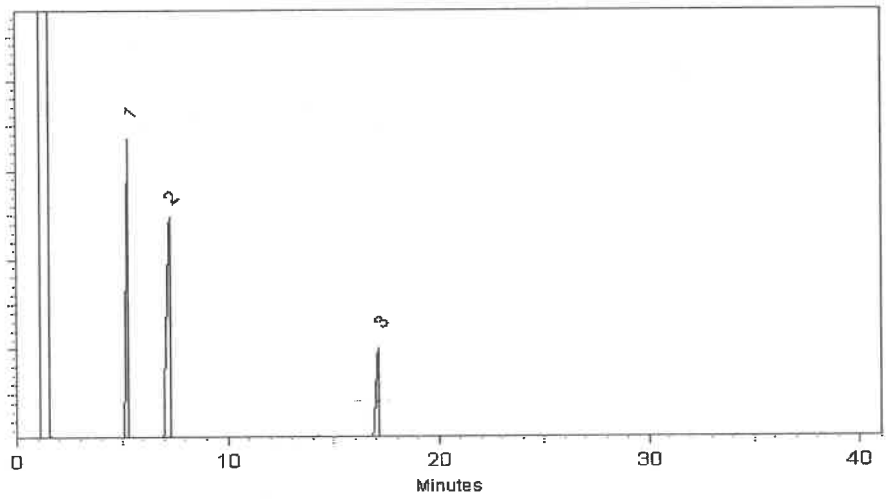
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

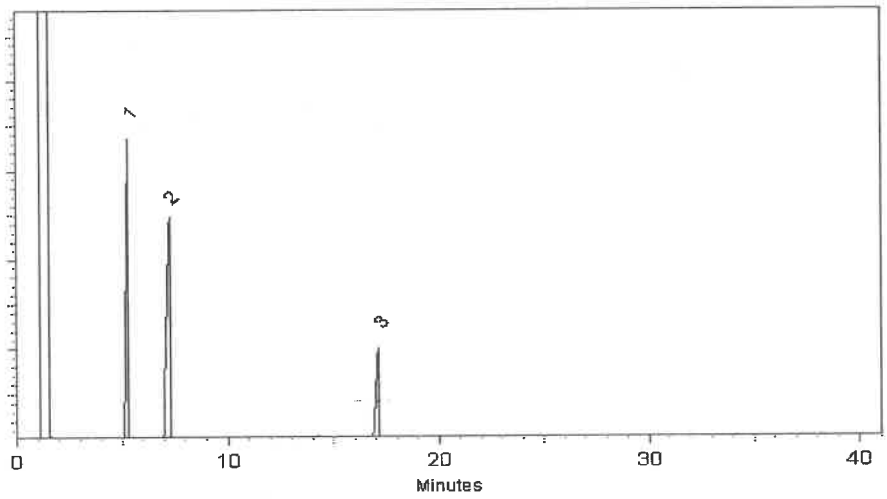
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

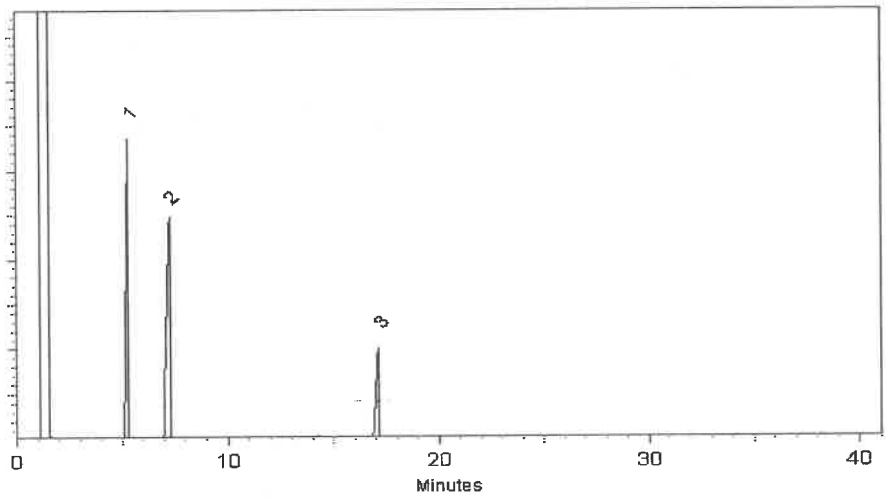
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate #3222.02

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

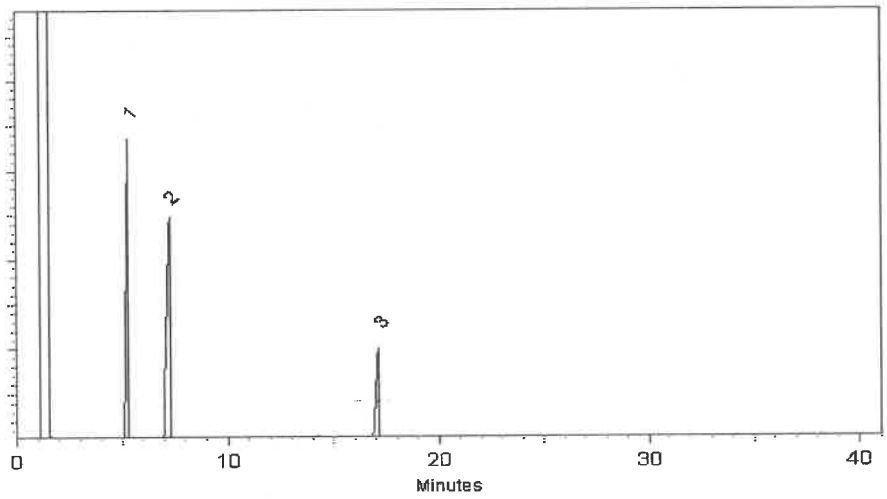
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

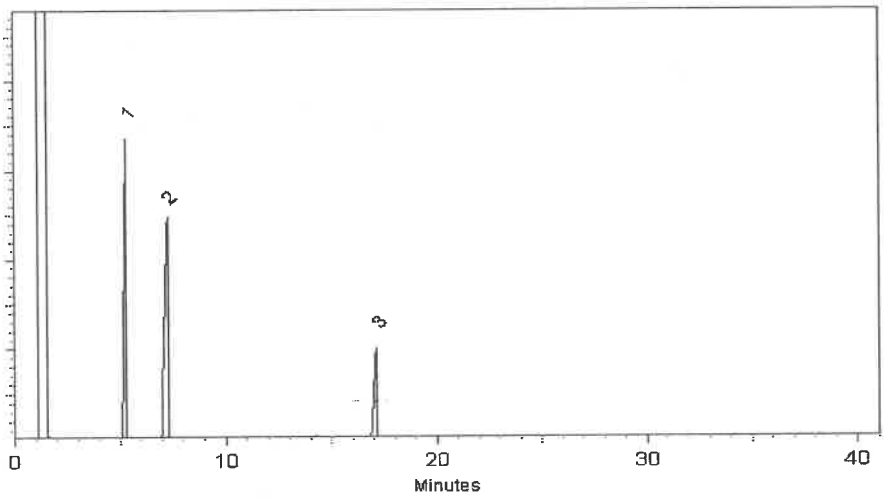
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

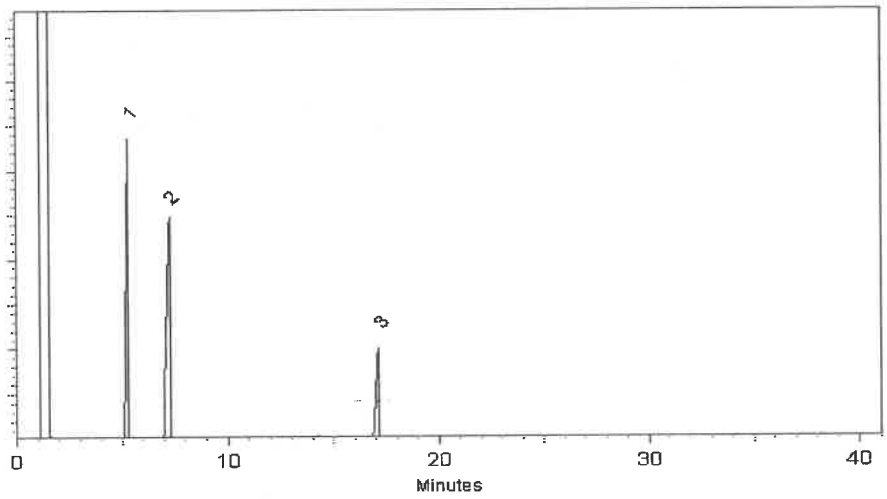
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

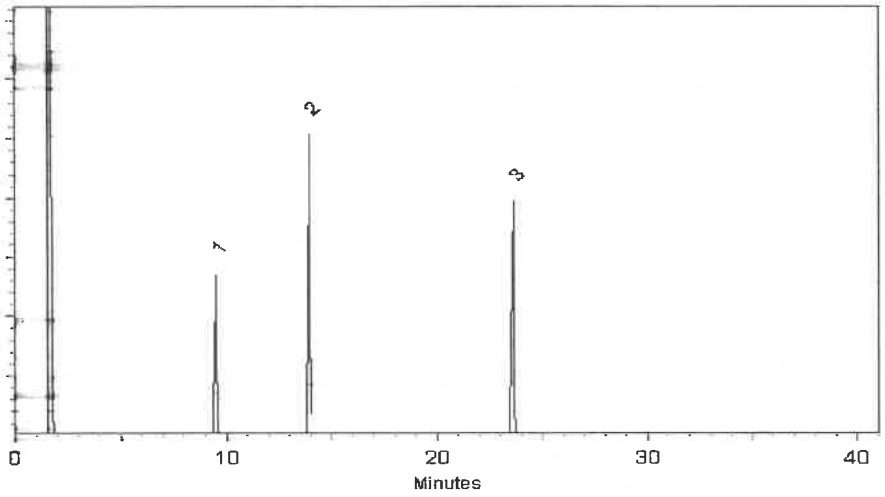
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5		5,009.8 µg/mL	+/- 29.1271 µg/mL	Gravimetric
	CAS # 4165-60-0	(Lot PR-29940A)		+/- 225.6421 µg/mL	Unstressed
	Purity 99%			+/- 250.3778 µg/mL	Stressed
2	2-Fluorobiphenyl		5,026.6 µg/mL	+/- 29.2250 µg/mL	Gravimetric
	CAS # 321-60-8	(Lot 00021384)		+/- 226.4003 µg/mL	Unstressed
	Purity 99%			+/- 251.2191 µg/mL	Stressed
3	p-Terphenyl-d14		5,027.3 µg/mL	+/- 29.2289 µg/mL	Gravimetric
	CAS # 1718-51-0	(Lot PR-30504)		+/- 226.4304 µg/mL	Unstressed
	Purity 99%			+/- 251.2524 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

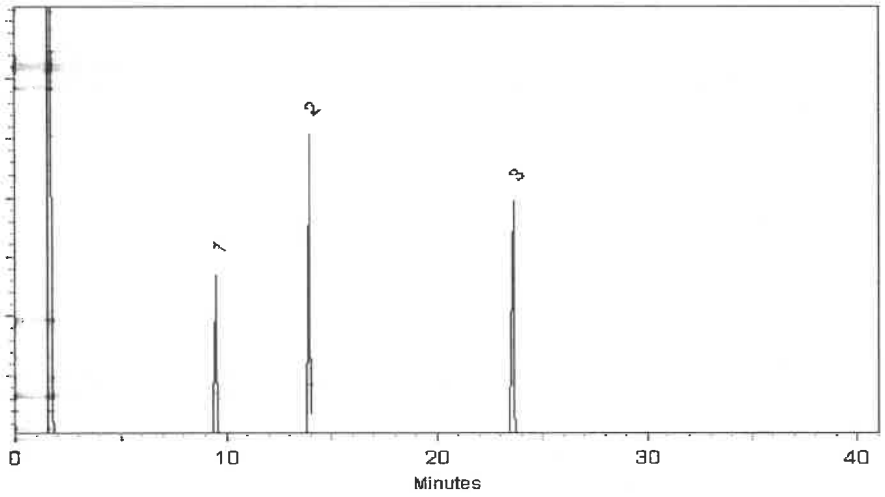
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
$10981 to $11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

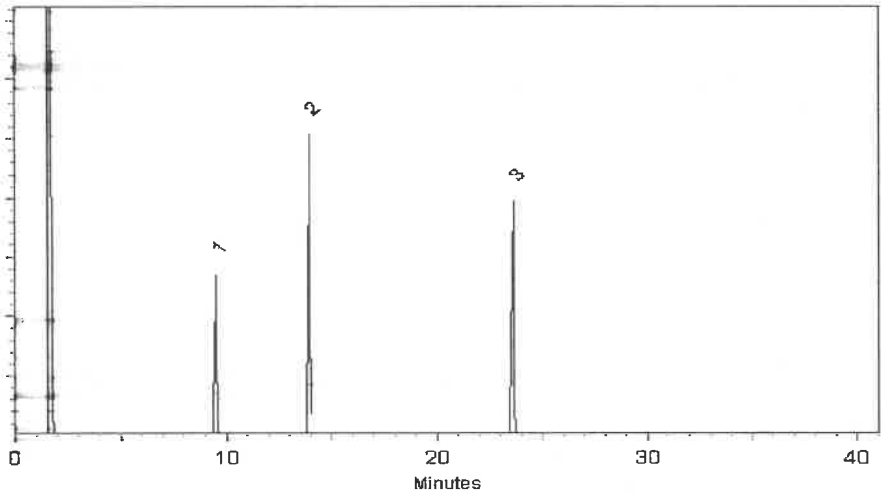
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

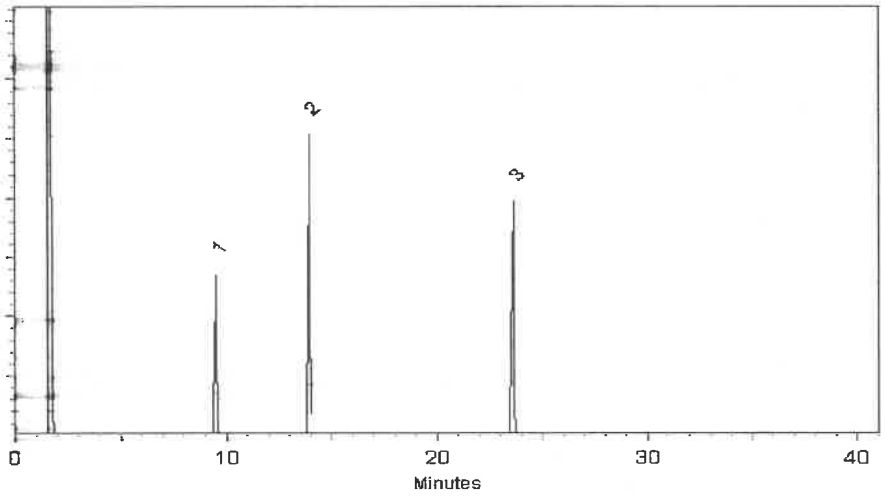
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
$10981 to $11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

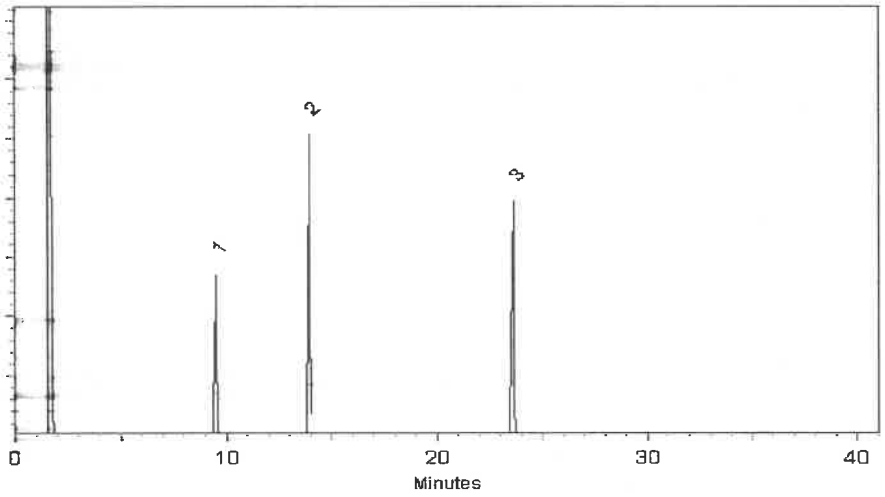
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

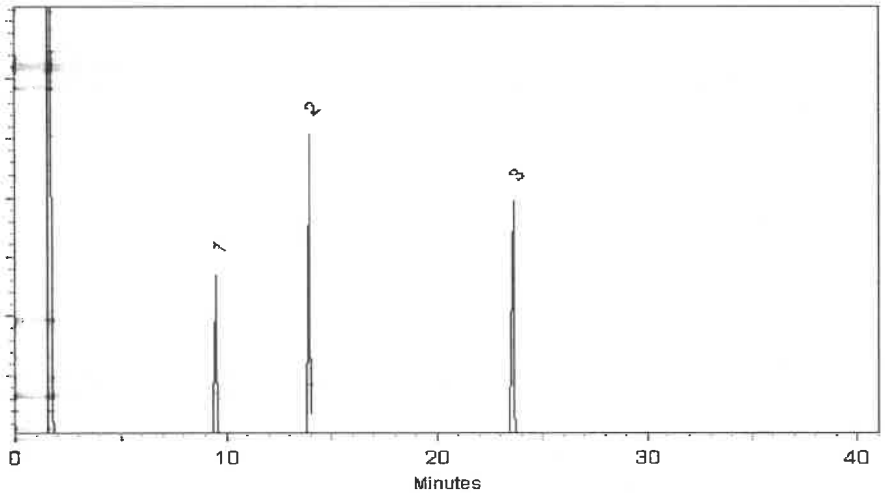
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hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

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Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
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2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
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Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

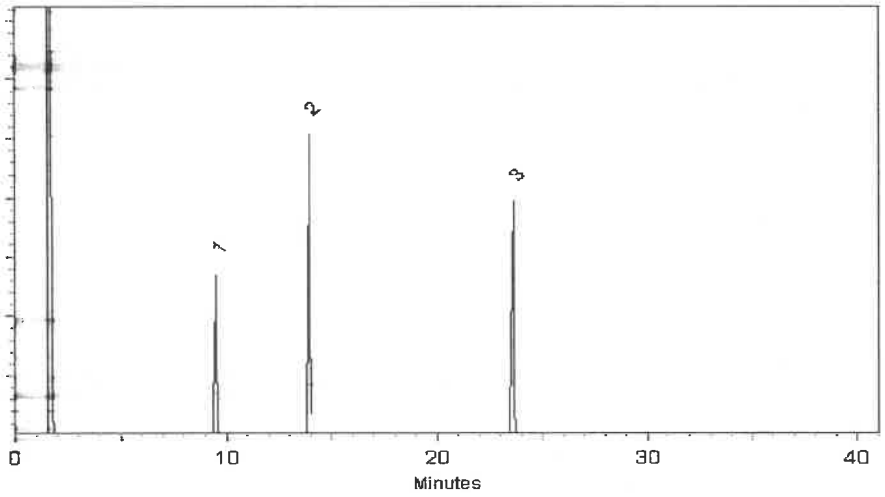
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hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

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250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
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3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
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Column:
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Rtx-5 (cat.#10223)

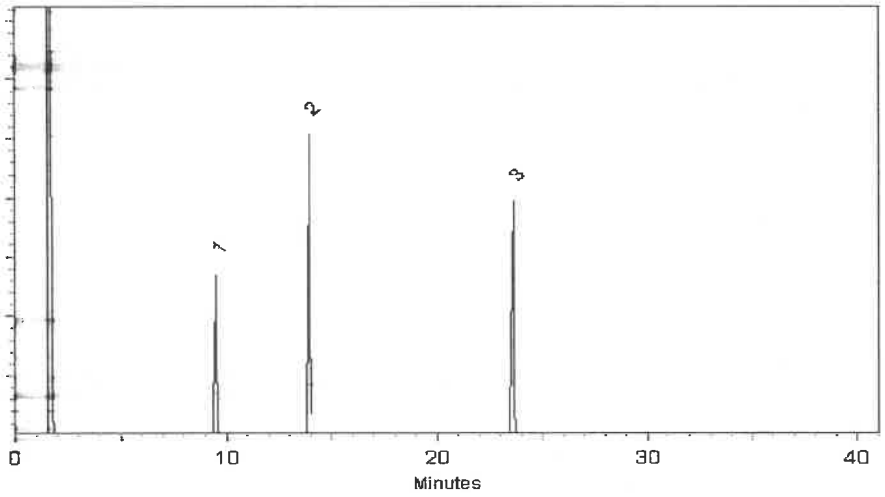
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250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Received on 01/13/23 by CG S11011 to S11015

Catalog No. : 555872 **Lot No.:** A0193449

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP221012	99%	25,050.0 µg/mL	+/- 778.6378

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Jan-2023 **Balance:** B442140311

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0194698

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFI

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	2,4-Dinitrophenol	51-28-5	DR221221RSR	99%	25,195.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023 **Balance:** B442140311

Manufactured under Restek' Registered Quality Certificate #FM 8

tified Reference Material Notes

es:

n date valid for unopened ampul stored in compliance with the recommended conditions.

ıty, concentration, and expiration of the CRM are based on the unopened product being stored according to the ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

ıds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the ompound in solution.

isomeric compounds is reported as the sum of the isomers.

lues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

erage factor of 2, which gives a level of confidence of approximately 95%.

ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure inimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily T traceable weights, and/or dilutions with Class A glassware.

:

the unopened product, when stored in compliance with the recommended conditions, is guaranteed through ion displayed on the product label and certificate. Contact Restek for additional opened product stability ı, with the knowledge/understanding that open product stability is subject to the specific handling and ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with dards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, ıdes complete instructions.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 555869 **Lot No.:** A0194702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023 **Balance:** B442140311

Manufactured under Restek Registered Quality Certificate #FM

tified Reference Material Notes

tes:

n date valid for unopened ampul stored in compliance with the recommended conditions.

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PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RP on 7/24/23 E3551

VWR®

Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Pellets

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

E 3657	E 3659
E 3654	E 3660

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 5/23/24

E 3744

Ken Koehnlein
Sr. Manager, Quality Assurance

PO: PO1-8886 PRODUCT CODE: SHIP DATE: 6/21/2024

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 24E2462004
Manufactured Date: 2024-04-10
Expiration Date: 2025-07-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	3
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titrable Acid (µeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24D10725

E 3768

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 7/24/24

E 3780

Ken Koehnlein
Sr. Manager, Quality Assurance

PO: PO1-9448 PRODUCT CODE: SHIP DATE: 7/16/2024

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker®

Material No.: 9266-A4
Batch No.: 24F1062004
Manufactured Date: 2024-04-15
Expiration Date: 2025-07-15
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	7
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titrable Acid (µeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24D15750

E 3786

Jamie Croak
Director Quality Operations, Bioscience Production

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Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

PO: PO2-76 PRODUCT CODE: SHIP DATE: 9/3/2024

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker®

Material No.: 9266-A4
Batch No.: 24G2362009
Manufactured Date: 2024-06-10
Expiration Date: 2025-09-09
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	2
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24F10024

E 3791

Jamie Croak
Director Quality Operations, Bioscience Production

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Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M5037-38-33-40
ND

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 0000250349
Manufactured Date: 2019/12/17
Retest Date: 2024/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.5
Appearance	Passes Test	PT
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Substances Reducing Permanganate (as SO_2)	<= 2 ppm	< 2
Ammonium (NH_4)	<= 1 ppm	< 1
Chloride (Cl)	<= 0.1 ppm	< 0.1
Nitrate (NO_3)	<= 0.2 ppm	< 0.1
Phosphate (PO_4)	<= 0.5 ppm	< 0.1
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	0.2
Arsenic and Antimony (as As)	<= 4 ppb	< 2
Trace Impurities - Barium (Ba)	<= 10.0 ppb	< 1.0
Trace Impurities - Beryllium (Be)	<= 10.0 ppb	< 1.0
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 10.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	2.9
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 10.0 ppb	< 1.0
Trace Impurities - Germanium (Ge)	<= 10.0 ppb	< 10.0
Trace Impurities - Gold (Au)	<= 10.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 500 ppb	< 100

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Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9673-33
Batch No.: 0000250349

Test	Specification	Result
Trace Impurities - Iron (Fe)	<= 50.0 ppb	4.1
Trace Impurities - Lead (Pb)	<= 0.5 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 10.0 ppb	< 1.0
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 10.0 ppb	< 1.0
Trace Impurities - Potassium (K)	<= 500.0 ppb	< 2.0
Trace Impurities - Selenium (Se)	<= 50.0 ppb	22.9
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 500.0 ppb	2.7
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 10.0 ppb	< 5.0
Trace Impurities - Thallium (Tl)	<= 20.0 ppb	< 5.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 10.0 ppb	< 1.0
Trace Impurities - Vanadium (V)	<= 10.0 ppb	< 1.0
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 10.0 ppb	< 1.0

For Laboratory, Research or Manufacturing Use

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

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CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0201940

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

511539 ↓ 511568 — 7.0 / 0911

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Sam Moodler - Operations Tech I

REVIEWED By Jennifer Pollino at 7:10 am, Sep 13, 2023

Date Mixed: 13-Sep-2023 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

01-Nov-2022 rev.

RESTEK

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0201940

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

511539 ↓ 511568 — 7.6 / 0911

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Sam Moodler - Operations Tech I

REVIEWED By Jennifer Pollino at 7:10 am, Sep 13, 2023

Date Mixed: 13-Sep-2023 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

01-Nov-2022 rev.

RESTEK

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0201940

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

511539 ↓ 511568 — 7.0 / 0911

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Sam Moodler - Operations Tech I

REVIEWED By Jennifer Pollino at 7:10 am, Sep 13, 2023

Date Mixed: 13-Sep-2023 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

01-Nov-2022 rev.

RESTEK

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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RESTEK
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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0201940

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

511539 ↓ 511568 — 7.6 / 0911.9

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Sam Moodler - Operations Tech I

REVIEWED By Jennifer Pollino at 7:10 am, Sep 13, 2023

Date Mixed: 13-Sep-2023 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

01-Nov-2022 rev.

RESTEK

General Certified Reference Material Notes

Expiration Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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RESTEK
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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

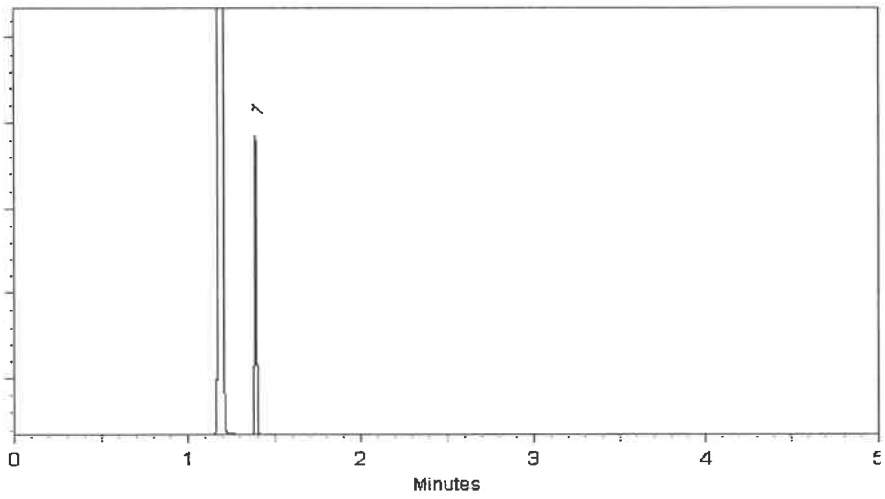
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

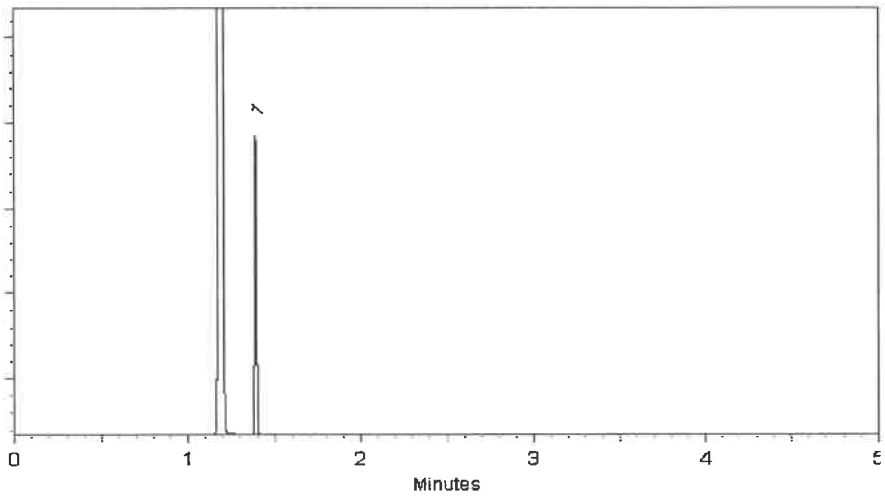
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

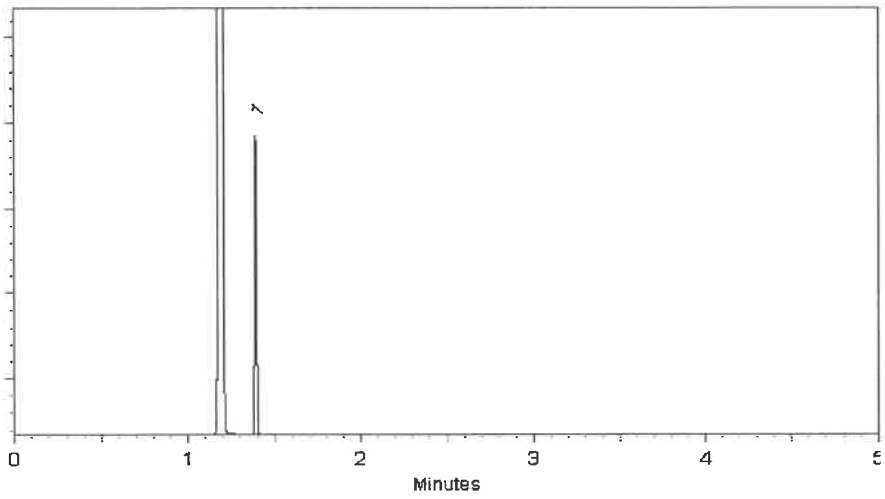
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Temp. Program:
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@ 9.6°C/min. (hold 2.86 min.)

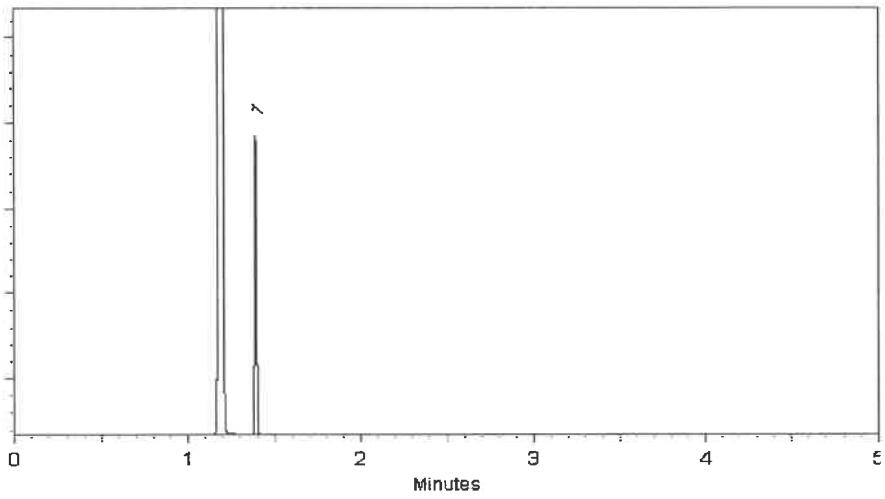
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

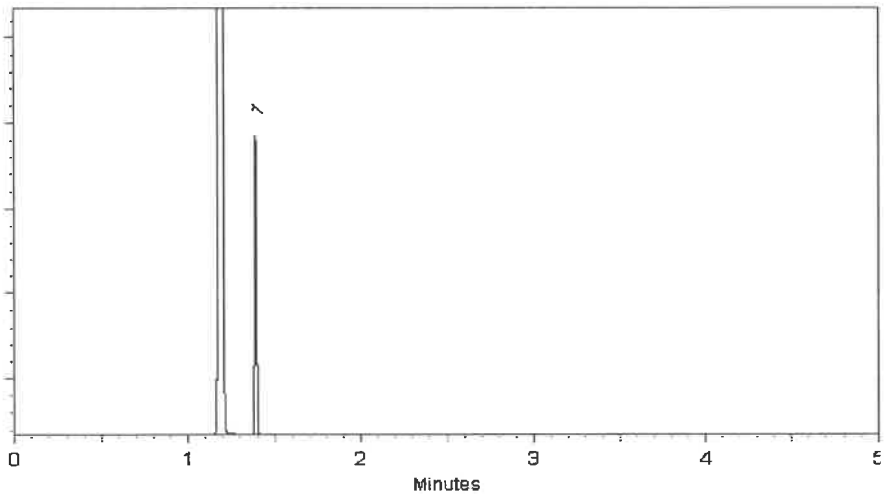
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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Catalog No. : 31206 **Lot No.:** A0201320

S12013 ↓ S12042 RC 12/26/23

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2029 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,017.0 µg/mL	+/- 90.8469
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,011.3 µg/mL	+/- 90.5917
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,008.6 µg/mL	+/- 90.4685
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,019.4 µg/mL	+/- 90.9550
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,013.7 µg/mL	+/- 90.6968
6	Perylene-d12	1520-96-3	PR-33205	99%	2,012.7 µg/mL	+/- 90.6517

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

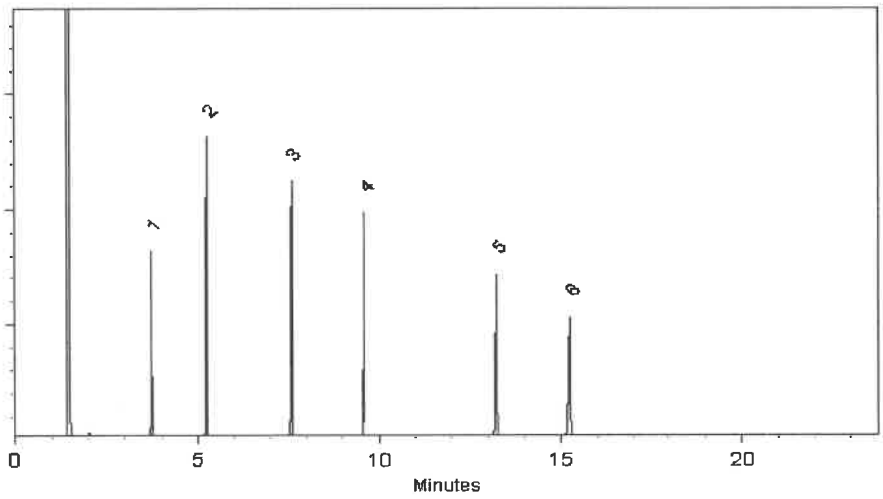
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Peter Robbins - Operations Technician I

Date Mixed: 23-Aug-2023 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 25-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0201320

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S12013 ↓ S12042 RC 12/26/23

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2029 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,017.0 µg/mL	+/- 90.8469
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,011.3 µg/mL	+/- 90.5917
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,008.6 µg/mL	+/- 90.4685
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,019.4 µg/mL	+/- 90.9550
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,013.7 µg/mL	+/- 90.6968
6	Perylene-d12	1520-96-3	PR-33205	99%	2,012.7 µg/mL	+/- 90.6517

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

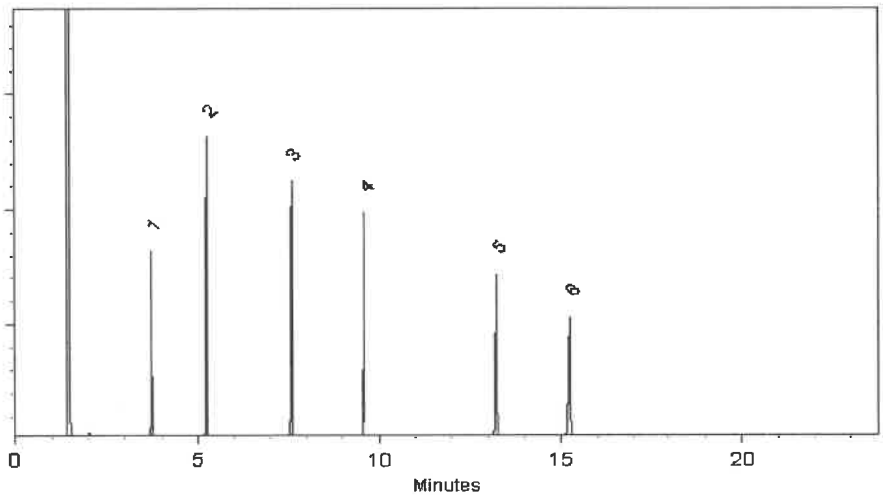
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Peter Robbins - Operations Technician I

Date Mixed: 23-Aug-2023 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 25-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12075
↓
S12079
RC
02/01/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Rev 0

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S12075 ↓ S12079 } RC 02/01/24

*Not a certified value

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0207706

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

S12082 ↓ S12111 RC/ 02/22/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,001.0 µg/mL	+/- 29.424320
2	Acetophenone	98-86-2	STBH8205	99%	1,004.0 µg/mL	+/- 29.512504
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.541899
4	Benzoic acid	65-85-0	MKCR2694	99%	1,003.0 µg/mL	+/- 29.483110
5	Biphenyl	92-52-4	MKCL6515	99%	1,006.0 µg/mL	+/- 29.571294

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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S12082 ↓ S12111 RC/ 02/22/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

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CAS # 75-09-2
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance:** B345965662

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S12082 ↓ S12111 RC/ 02/22/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

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John Friedline - Operations Technician I

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Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

S12082 ↓ S12111 RC/ 02/22/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance:** B345965662

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

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John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance:** B345965662

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Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

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Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

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Certified By: Melissa Workoff

Melissa Workoff
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12117 ↓ S12146 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Certificate of Analysis

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Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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chromatographic plus

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S12312 ↓ S12331 } RC/ 05/30/24

Catalog No. : 31206 **Lot No.:** A0206540

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,007.1 µg/mL	+/- 90.4025
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,005.9 µg/mL	+/- 90.3454
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,007.9 µg/mL	+/- 90.4385
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,006.7 µg/mL	+/- 90.3845
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,015.5 µg/mL	+/- 90.7778
6	Perylene-d12	1520-96-3	PR-33205	99%	2,014.7 µg/mL	+/- 90.7448

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

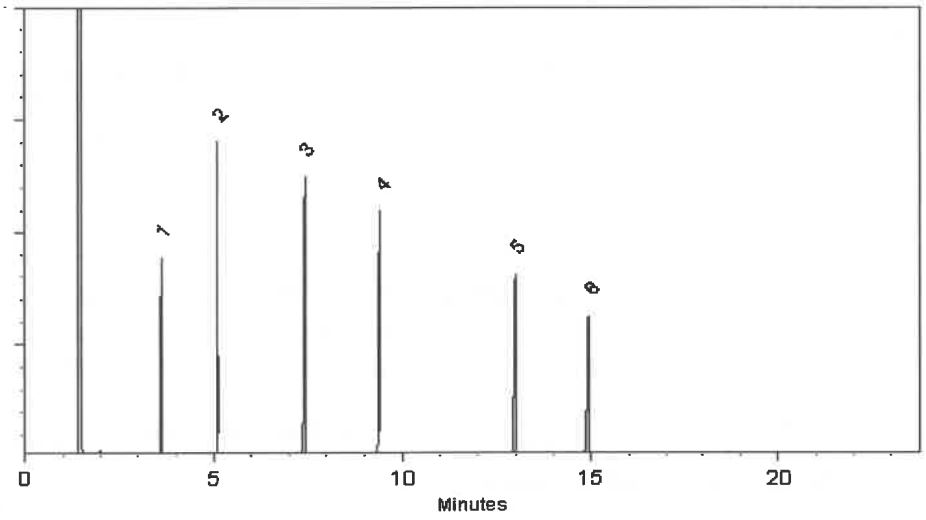
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Malina Homan - Operations Technician I

Date Mixed: 12-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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S12312 ↓ S12331 } RC/ 05/30/24

Catalog No. : 31206 **Lot No.:** A0206540

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,007.1 µg/mL	+/- 90.4025
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,005.9 µg/mL	+/- 90.3454
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,007.9 µg/mL	+/- 90.4385
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,006.7 µg/mL	+/- 90.3845
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,015.5 µg/mL	+/- 90.7778
6	Perylene-d12	1520-96-3	PR-33205	99%	2,014.7 µg/mL	+/- 90.7448

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

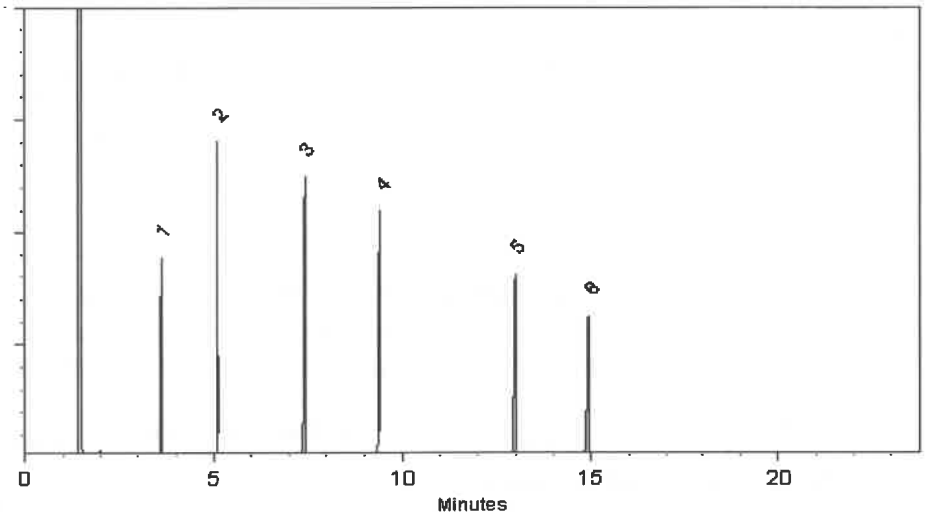
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Malina Homan - Operations Technician I

Date Mixed: 12-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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S12312 ↓ S12331 } RC/ 05/30/24

Catalog No. : 31206 **Lot No.:** A0206540

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,007.1 µg/mL	+/- 90.4025
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,005.9 µg/mL	+/- 90.3454
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,007.9 µg/mL	+/- 90.4385
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,006.7 µg/mL	+/- 90.3845
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,015.5 µg/mL	+/- 90.7778
6	Perylene-d12	1520-96-3	PR-33205	99%	2,014.7 µg/mL	+/- 90.7448

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

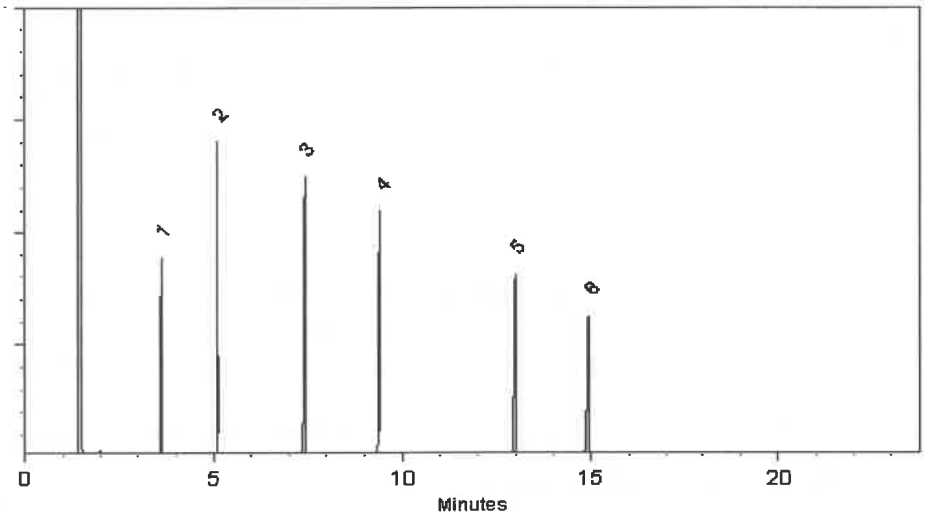
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Malina Homan - Operations Technician I

Date Mixed: 12-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Jan-2024

Manufactured under Restek's ISO 9001:2015
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
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S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II **Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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Manufacturing Notes:

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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S12449 ↓ S12508 } RC 7/24/24

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Date Mixed: 18-Jul-2024 **Balance:** 1128353505

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Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

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Handling: This product is photosensitive. **Ship:** Ambient

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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SHIPPING DOCUMENTS

phenova® | A Phenomenex® Company
Certified Reference Materials

Packing List

Date	Order #
09/03/2024	318988

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Chemtech - NJ
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
9/5/2024
9:50

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
240802-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
			PT-TMSET-WP	WP Trace Metals Set : (TM1, HG and SNTI)		
1	1	0	PT-TM1-WP	WP Trace Metals 1	WP0924	8259-04
1	1	0	PT-HG-WP	WP Mercury	WP0924	8259-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0924	8259-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0924	8259-06
1	1	0	PT-DEM-WP	WP Demand	WP0924	8259-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0924	8259-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0924	8259-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0924	8259-72
1	1	0	PT-SOL-WP	WP Solids	WP0924	8259-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0924	8259-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0924	8259-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0924	8259-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0924	8259-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0924	8259-13
1	1	0	PT-PH-WP	WP pH	WP0924	8259-15
1	1	0	PT-CN-WP	WP Cyanide	WP0924	8259-14
1	1	0	PT-PHEN-WP	WP Phenolics	WP0924	8259-16

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Packing List

Date	Order #
09/03/2024	318988

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Received by: SJ
9/5/2024
9:50

Chemtech - NJ
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
240802-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-S2-WP	WP Sulfide	WP0924	8259-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0924	8259-17
1	1	0	PT-VSOL-WP	WP Volatile Solids	WP0924	8259-18
1	1	0	PT-TURB-WP	WP Turbidity	WP0924	8259-20
1	1	0	PT-SIO2-WP	WP Silica	WP0924	8259-21
1	1	0	PT-COL-WP	WP Color	WP0924	8259-51
1	1	0	PT-VOA-WP	WP Volatiles	WP0924	8259-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0924	8259-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0924	8259-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0924	8259-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0924	8259-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0924	8259-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0924	8259-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0924	8259-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R39151	R39151-104
1	1	0	RR-PAH-WP	WP PAH-Low Level	R39151	R39151-37
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R39151	R39151-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R39151	R39151-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R39151	R39151-98
1	1	0	RR-TRIAZINE-WP	WP Triazine Pesticides	R39151	R39151-108

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488