284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : RFP 905A

WESTON SOLUTIONS, INC.

1090 King Georges Post Road

Suite 201

Edison, NJ - 08837-3703

Phone No: 732-585-4410

ORDER ID : Q2641

ATTENTION : Smita Sumbaly

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

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Cover Page

Order ID : Q2641

Project ID : RFP 905A

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q2641-01	P001-CONCRETE001-01
Q2641-02	P001-CONCRETE001-01

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: 7/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 905A
Project # N/A
Order ID # Q2641
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

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_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2646-03MS} with File ID: BF143199.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[72%], 2-Methylphenol[158%] and Pyridine[0%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The MSD {Q2646-03MSD} with File ID: BF143200.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[76%], 2-Methylphenol[152%] and Pyridine[0%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

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The Tuning criteria met requirements.

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 <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Concentration of Water Sample:

$$\text{Concentration ug/L} = \frac{(Ax)\,(Is)\,(Vt)\,(DF)}{(Ais)\,(RRF)\,(Vo)\,(Vi)}$$

Where,

Ax = Area for the compound to be measured
Ais = Area for the specific internal standard
Is = Amount of internal standard added in nanograms (ng).
RRF = Relative response factor of initial calibration standard average.
Vo = Volume of water extracted in milliliters (mL)
Vi = Volume of extract injected in microliters (uL)
Vt = Volume of concentrated extract in microliters (uL)
Df = Dilution factor

G. 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

QA Control # A3040960

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

ORDER ID: Q2641 MATRIX: TCLP

METHOD: 8270E/3510/1311

		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 Initial Calibration met the requirements. 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.			

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

(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The MS {Q2646-03MS} with File ID: BF143199.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[72%], 2-Methylphenol[158%] and Pyridine[0%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The MSD {Q2646-03MSD} with File ID: BF143200.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[76%], 2-Methylphenol[152%] and Pyridine[0%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The Blank Spike met requirements for all compounds.

9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments:

10.	Extraction Holding Time Met			✓

If not met, list number of days exceeded for each sample:

11.	Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

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 <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2641

	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:** 07/26/2025

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LAB CHRONICLE

OrderID:	Q2641	**OrderDate:**	7/18/2025 10:44:13 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 905A
Contact:	Smita Sumbaly	**Location:**	O22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2641-02	**P001-CONCRETE001-01**	**TCLP**			**07/16/25**			**07/18/25**
			TCLP BNA	8270E		07/22/25	07/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2641

Client: Weston Solutions, Inc.

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2641

Client: Weston Solutions, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168919TB	PB168919TB	2-Fluorophenol	150	127	85		23	138
		Phenol-d6	150	127	84		10	134
		Nitrobenzene-d5	100	79.3	79		67	132
		2-Fluorobiphenyl	100	82.2	82		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	85.8	86		42	152
PB168954BL	PB168954BL	2-Fluorophenol	150	114	76		23	138
		Phenol-d6	150	116	77		10	134
		Nitrobenzene-d5	100	77.6	78		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	77.4	77		42	152
PB168954BS	PB168954BS	2-Fluorophenol	150	114	76		23	138
		Phenol-d6	150	113	76		10	134
		Nitrobenzene-d5	100	82.0	82		67	132
		2-Fluorobiphenyl	100	76.1	76		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	82.6	83		42	152
Q2641-02	P001-CONCRETE001-01	2-Fluorophenol	150	102	68		23	138
		Phenol-d6	150	92.8	62		10	134
		Nitrobenzene-d5	100	77.8	78		67	132
		2-Fluorobiphenyl	100	73.0	73		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	71.4	71		42	152
Q2646-03MS	FRAC TANKMS	2-Fluorophenol	150	81.8	55		23	138
		Phenol-d6	150	64.3	43		10	134
		Nitrobenzene-d5	100	68.3	68		67	132
		2-Fluorobiphenyl	100	73.4	73		52	132
		2,4,6-Tribromophenol	150	99.1	66		44	137
		Terphenyl-d14	100	46.8	47		42	152
Q2646-03MSD	FRAC TANKMSD	2-Fluorophenol	150	80.3	54		23	138
		Phenol-d6	150	62.4	42		10	134
		Nitrobenzene-d5	100	71.7	72		67	132
		2-Fluorobiphenyl	100	75.7	76		52	132
		2,4,6-Tribromophenol	150	111	74		44	137
		Terphenyl-d14	100	50.5	51		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2641 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143199.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2646-03MS		**Client Sample ID: FRAC TANKMS**									
Pyridine	500	0	0	ug/L	0	*			10	109	
1,4-Dichlorobenzene	500	0	360	ug/L	72				55	125	
2-Methylphenol	500	0	790	ug/L	158	*			60	131	
3+4-Methylphenols	500	130	520	ug/L	78				54	136	
Hexachloroethane	500	0	370	ug/L	74				19	146	
Nitrobenzene	500	0	350	ug/L	70				62	112	
Hexachlorobutadiene	500	0	370	ug/L	74				52	125	
2,4,6-Trichlorophenol	500	0	360	ug/L	72	*			78	112	
2,4,5-Trichlorophenol	500	0	390	ug/L	78				71	111	
2,4-Dinitrotoluene	500	0	400	ug/L	80				74	137	
Hexachlorobenzene	500	0	370	ug/L	74				72	115	
Pentachlorophenol	1000	0	910	ug/L	91				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2641 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143200.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2646-03MSD		**Client Sample ID: FRAC TANKMSD**									
Pyridine	500	0	0	ug/L	0	*	0		10	109	20
1,4-Dichlorobenzene	500	0	360	ug/L	72		0		55	125	20
2-Methylphenol	500	0	760	ug/L	152	*	4		60	131	20
3+4-Methylphenols	500	130	520	ug/L	78		0		54	136	20
Hexachloroethane	500	0	360	ug/L	72		3		19	146	20
Nitrobenzene	500	0	360	ug/L	72		3		62	112	20
Hexachlorobutadiene	500	0	390	ug/L	78		5		52	125	20
2,4,6-Trichlorophenol	500	0	380	ug/L	76	*	5		78	112	20
2,4,5-Trichlorophenol	500	0	420	ug/L	84		7		71	111	20
2,4-Dinitrotoluene	500	0	420	ug/L	84		5		74	137	20
Hexachlorobenzene	500	0	380	ug/L	76		3		72	115	20
Pentachlorophenol	1000	0	960	ug/L	96		5		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2641 **Analytical Method:** 8270E

Client: Weston Solutions, Inc. **DataFile:** BF143213.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168954BS	Pyridine	50	37.0	ug/L	74				29	97	
	1,4-Dichlorobenzene	50	42.5	ug/L	85				76	103	
	2-Methylphenol	50	43.9	ug/L	88				69	109	
	3+4-Methylphenols	50	42.7	ug/L	85				67	106	
	Hexachloroethane	50	44.3	ug/L	89				76	118	
	Nitrobenzene	50	44.2	ug/L	88				58	106	
	Hexachlorobutadiene	50	44.2	ug/L	88				69	101	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70	106	
	2,4-Dinitrotoluene	50	53.0	ug/L	106				60	115	
	Hexachlorobenzene	50	43.9	ug/L	88				73	106	
	Pentachlorophenol	100	61.8	ug/L	62				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168954BL

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q2641

Lab File ID: BF143190.D | Lab Sample ID: PB168954BL

Instrument ID: BNA_F | Date Extracted: 07/22/2025

Matrix: (soil/water) water | Date Analyzed: 07/22/2025

Level: (low/med) LOW | Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
P001-CONCRETE001-01	Q2641-02	BF143191.D	07/22/2025
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025
PB168954BS	PB168954BS	BF143213.D	07/23/2025
PB168919TB	PB168919TB	BP025220.D	07/23/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q2641

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (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
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q2641

Lab File ID: BF143188.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
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	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	77.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (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	BF143189.D	07/22/2025	15:23
PB168954BL	PB168954BL	BF143190.D	07/22/2025	15:52
P001-CONCRETE001-01	Q2641-02	BF143191.D	07/22/2025	16:26
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025	20:20
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025	20:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q2641

Lab File ID: BF143209.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
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	6.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143210.D	07/23/2025	14:33
PB168954BS	PB168954BS	BF143213.D	07/23/2025	16:00

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q2641

Lab File ID: BP025194.D DFTPP Injection Date: 07/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	80.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (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
SSTDICC2.5	SSTDICC2.5	BP025196.D	07/21/2025	14:25
SSTDICC005	SSTDICC005	BP025197.D	07/21/2025	15:06
SSTDICC010	SSTDICC010	BP025198.D	07/21/2025	15:47
SSTDICC020	SSTDICC020	BP025199.D	07/21/2025	16:29
SSTDICCC040	SSTDICCC040	BP025200.D	07/21/2025	17:10
SSTDICC050	SSTDICC050	BP025201.D	07/21/2025	17:51
SSTDICC060	SSTDICC060	BP025202.D	07/21/2025	18:32
SSTDICC080	SSTDICC080	BP025203.D	07/21/2025	19:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q2641

Lab File ID: BP025218.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025219.D	07/23/2025	11:22
PB168919TB	PB168919TB	BP025220.D	07/23/2025	12:03

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143189.D Time Analyzed: 15:23

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	121745	6.963	475525	8.25	246814	10.00
	UPPER LIMIT	243490	7.463	951050	8.745	493628	10.504
	LOWER LIMIT	60872.5	6.463	237763	7.745	123407	9.504
	EPA SAMPLE NO.						
01	PB168954BL	132474	6.96	517206	8.24	278568	10.00
02	P001-CONCRETE001-01	113380	6.96	427484	8.24	227514	10.00
03	FRAC TANKMS	106919	6.99	403875	8.26	174208	10.01
04	FRAC TANKMSD	103435	6.99	358963	8.27	160601	10.01

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: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143189.D Time Analyzed: 15:23

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	395216	11.486	234922	14.127	268523	15.633
	UPPER LIMIT	790432	11.986	469844	14.627	537046	16.133
	LOWER LIMIT	197608	10.986	117461	13.627	134262	15.133
	EPA SAMPLE NO.						
01	PB168954BL	486814	11.49	272386	14.12	282193	15.63
02	P001-CONCRETE001-01	388148	11.48	276538	14.12	267104	15.63
03	FRAC TANKMS	273501	11.49	256851	14.15	185286	15.65
04	FRAC TANKMSD	270710	11.49	252211	14.15	152378	15.65

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: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	97351	6.963	364498	8.25	187438	10.00
	UPPER LIMIT	194702	7.463	728996	8.745	374876	10.498
	LOWER LIMIT	48675.5	6.463	182249	7.745	93719	9.498
	EPA SAMPLE NO.						
01	PB168954BS	127773	6.96	503486	8.25	265187	10.00

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: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	309922	11.486	228057	14.121	245226	15.627
	UPPER LIMIT	619844	11.986	456114	14.621	490452	16.127
	LOWER LIMIT	154961	10.986	114029	13.621	122613	15.127
	EPA SAMPLE NO.						
01	PB168954BS	449718	11.49	253510	14.13	261797	15.63

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: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	466387	7.437	1926820	10.18	1245960	14.08
	UPPER LIMIT	932774	7.937	3853640	10.678	2491920	14.578
	LOWER LIMIT	233194	6.937	963410	9.678	622980	13.578
	EPA SAMPLE NO.						
01	PB168919TB	470343	7.43	1838290	10.18	1176380	14.08

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: Alliance

Lab Code: ACE SDG NO.: Q2641

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2530830	16.901	2561120	21.336	3092370	24.471
	UPPER LIMIT	5061660	17.401	5122240	21.836	6184740	24.971
	LOWER LIMIT	1265420	16.401	1280560	20.836	1546190	23.971
	EPA SAMPLE NO.						
01	PB168919TB	2518250	16.90	2793930	21.34	3280610	24.48

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:	Weston Solutions, Inc.	Date Collected:	07/22/25
Project:	RFP 905A	Date Received:	07/22/25
Client Sample ID:	PB168919TB	SDG No.:	Q2641
Lab Sample ID:	PB168919TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025220.D	1	07/22/25 09:10	07/23/25 12:03	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		23 - 138	85%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	470000	7.431			
1146-65-2	Naphthalene-d8	1840000	10.178			
15067-26-2	Acenaphthene-d10	1180000	14.078			
1517-22-2	Phenanthrene-d10	2520000	16.895			
1719-03-5	Chrysene-d12	2790000	21.342			
1520-96-3	Perylene-d12	3280000	24.477			

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Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	07/22/25
Project:	RFP 905A			Date Received:	07/22/25
Client Sample ID:	PB168919TB			SDG No.:	Q2641
Lab Sample ID:	PB168919TB			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025220.D	1	07/22/25 09:10	07/23/25 12:03	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025220.D
Acq On : 23 Jul 2025 12:03
Operator : CG/JU
Sample : PB168919TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Quant Time: Jul 23 12:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

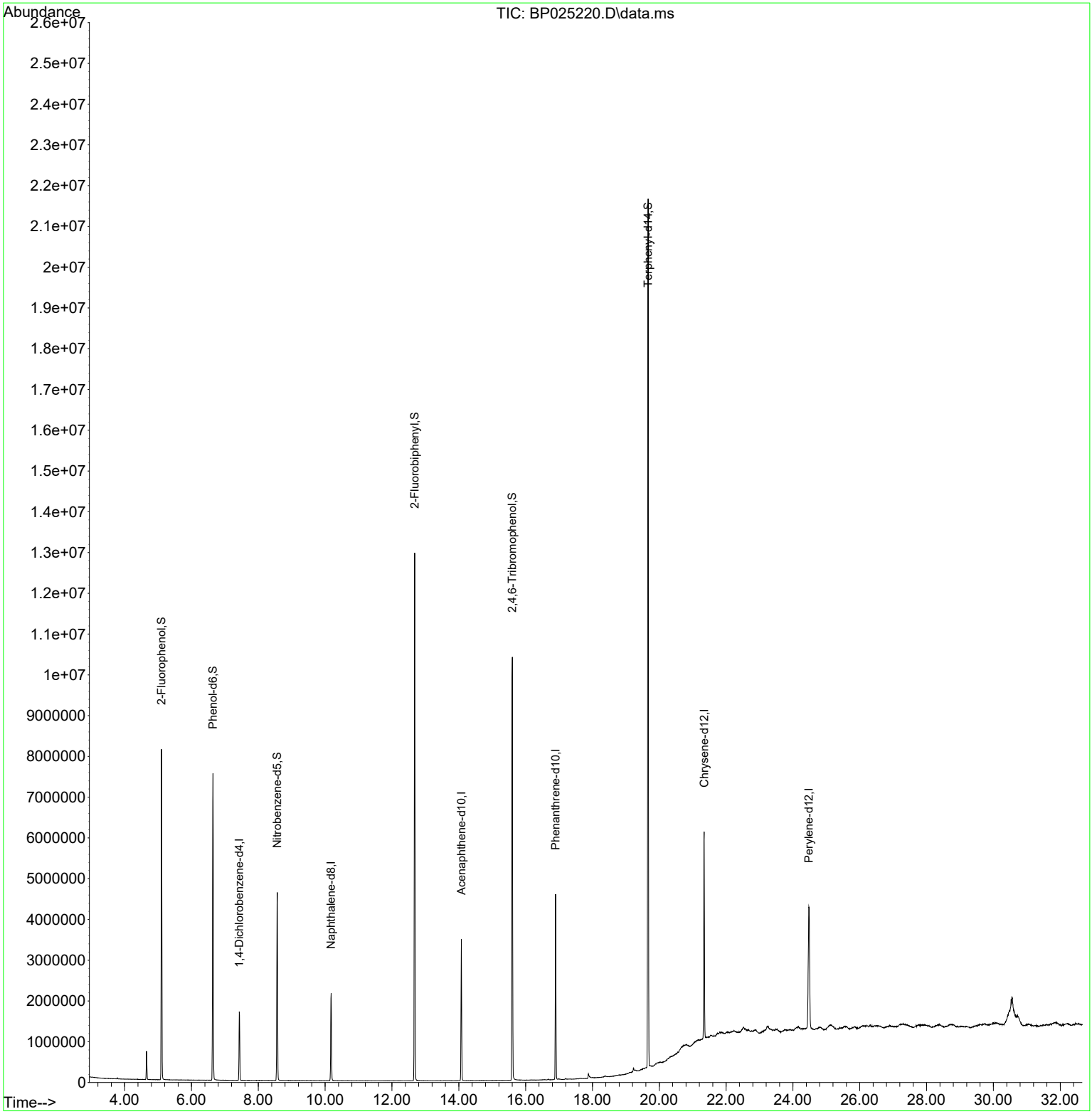
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	470343	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1838287	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1176379	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2518248	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2793931	20.000	ng	0.02
86) Perylene-d12	24.477	264	3280608	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3548946	127.491	ng	0.00
7) Phenol-d6	6.643	99	4364547	126.593	ng	0.00
23) Nitrobenzene-d5	8.566	82	2623675	79.316	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2335571	134.674	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	6858039	82.189	ng	0.00
79) Terphenyl-d14	19.666	244	12145031	85.810	ng	0.00
Target Compounds						Qvalue

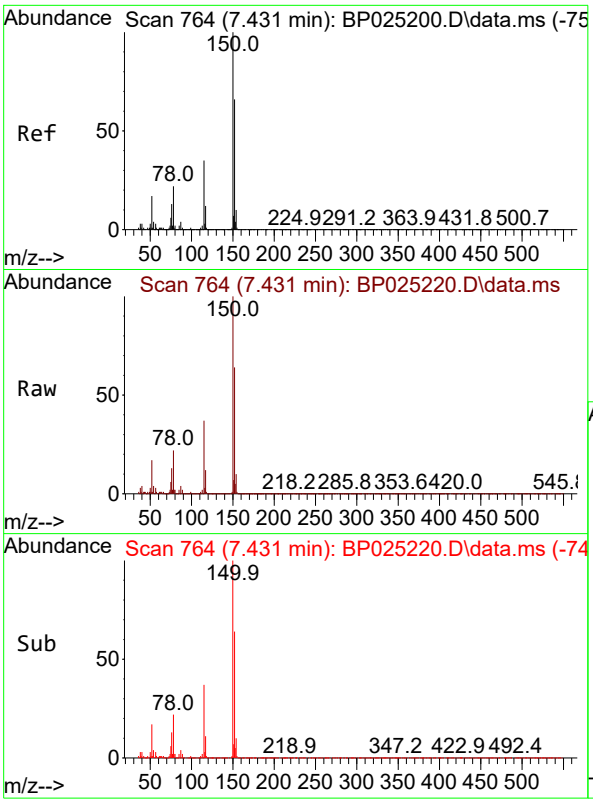
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025220.D
Acq On : 23 Jul 2025 12:03
Operator : CG/JU
Sample : PB168919TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Quant Time: Jul 23 12:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



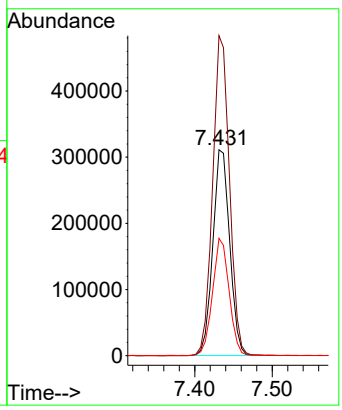


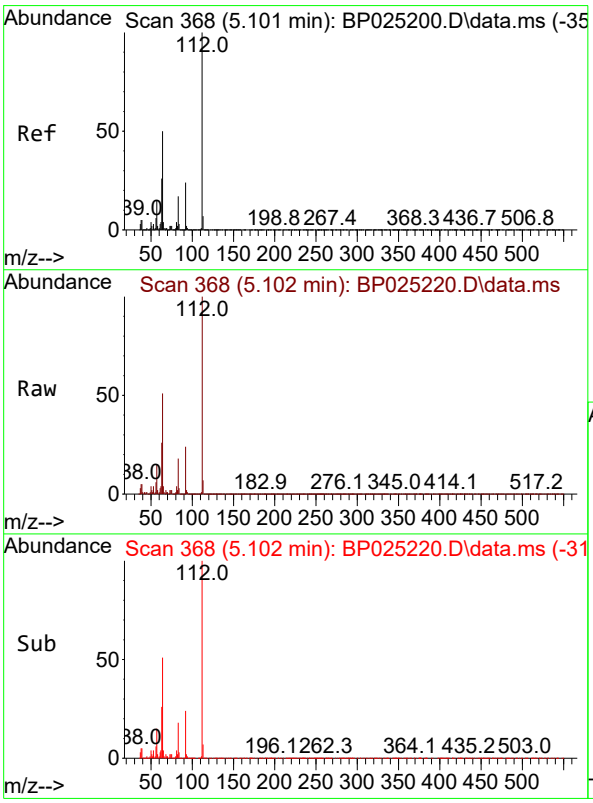
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion:152 Resp: 470343

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.9	182.9
115	57.0	43.0	64.6

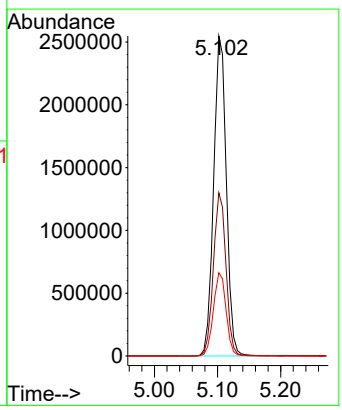


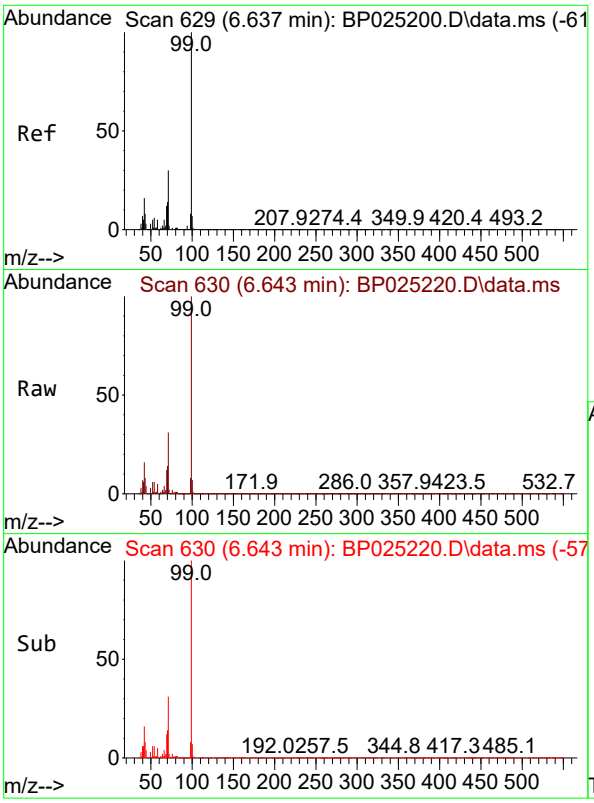


#5
2-Fluorophenol
Concen: 127.491 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:112 Resp: 3548946

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	26.0	20.5	30.7



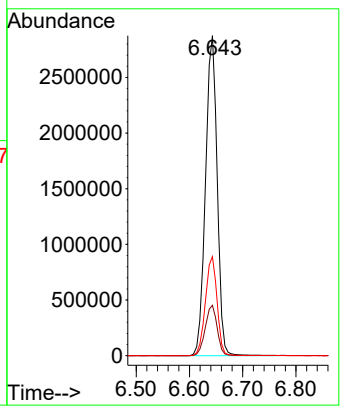


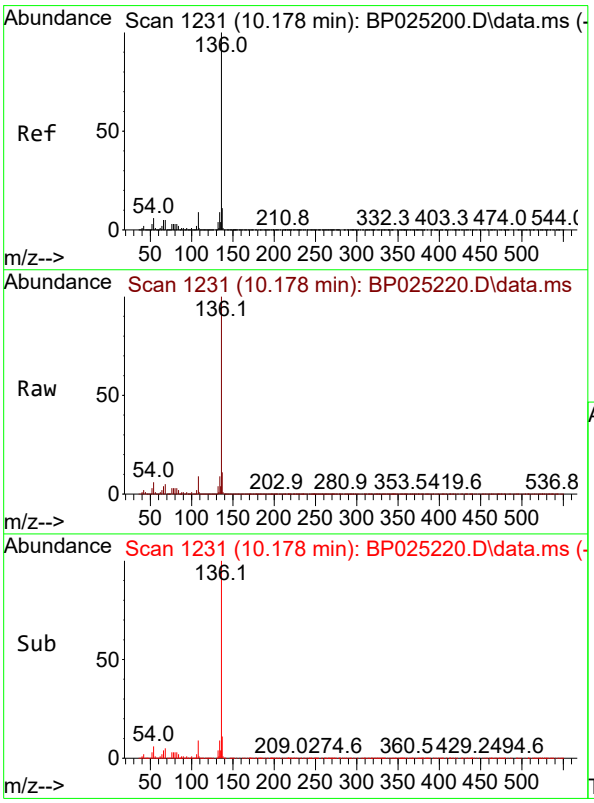
#7
Phenol-d6
Concen: 126.593 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion: 99 Resp: 4364547

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.9	24.2	36.2

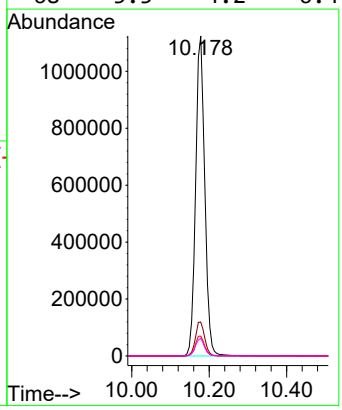


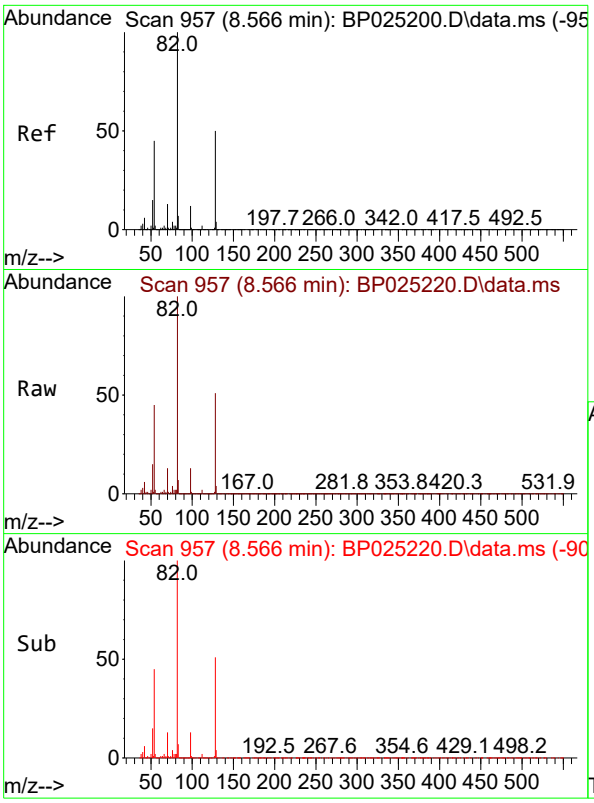


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:136 Resp: 1838287

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.2	5.1	7.7
68	5.5	4.2	6.4



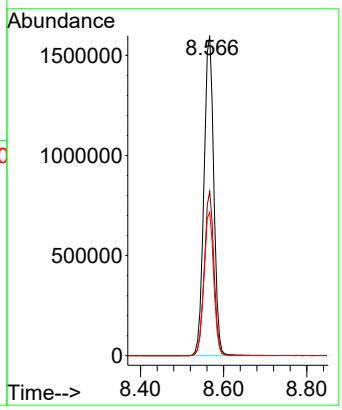


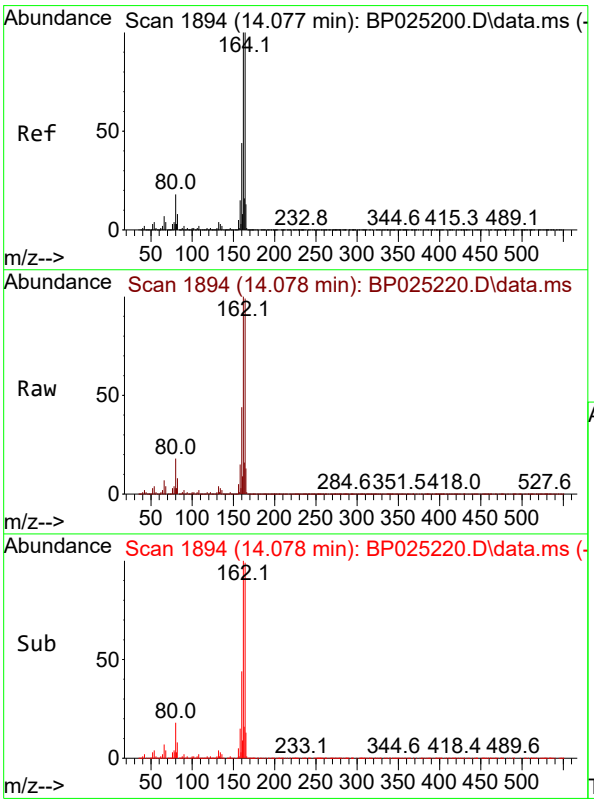
#23
Nitrobenzene-d5
Concen: 79.316 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion: 82 Resp: 2623675

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.2	60.4
54	44.8	36.3	54.5

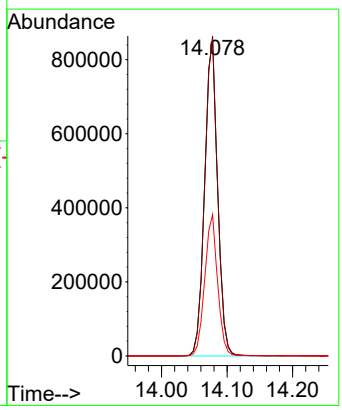


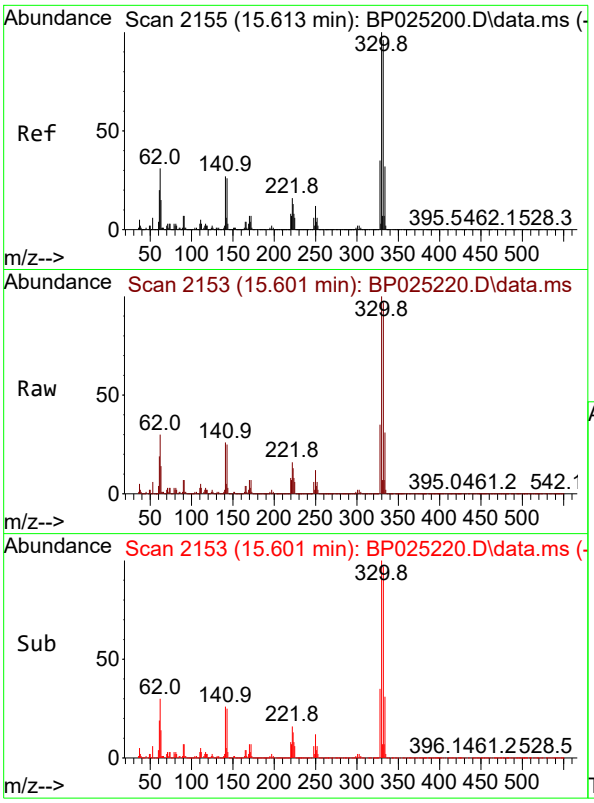


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:164 Resp: 1176379

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	44.7	35.7	53.5



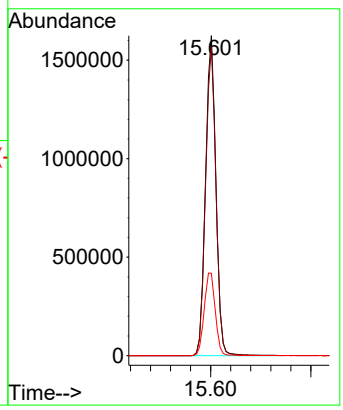


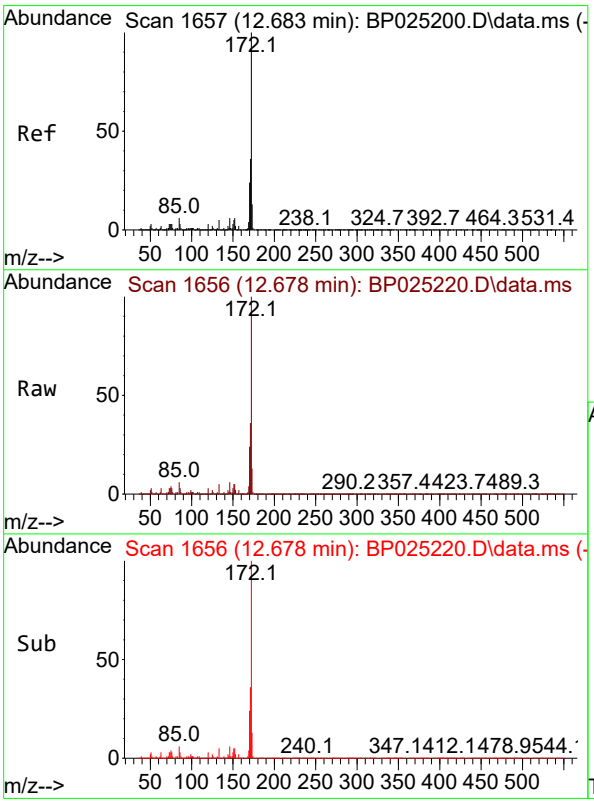
#42
2,4,6-Tribromophenol
Concen: 134.674 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion:330 Resp: 2335571

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	27.7	22.4	33.6

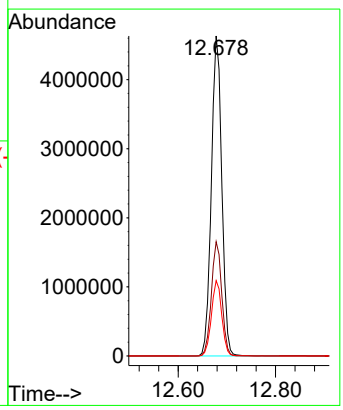


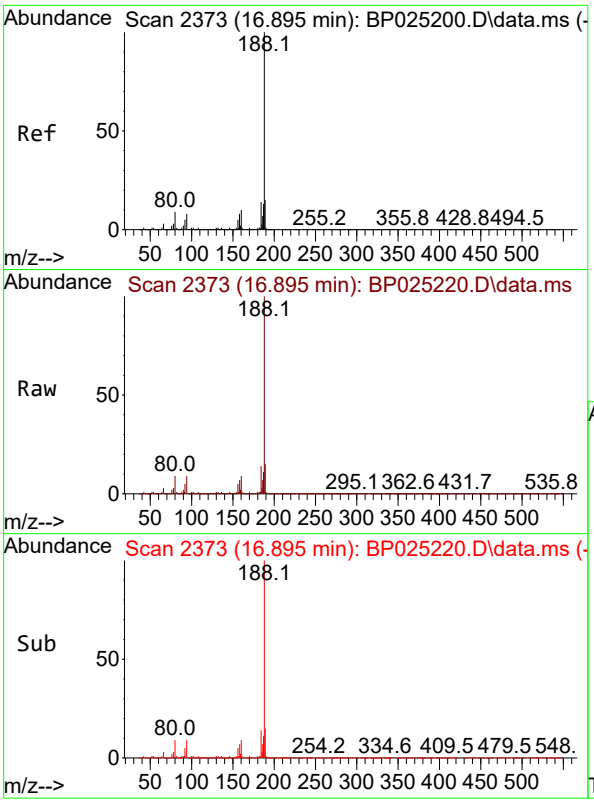


#45
2-Fluorobiphenyl
Concen: 82.189 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:172 Resp: 6858039

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.6	19.2	28.8



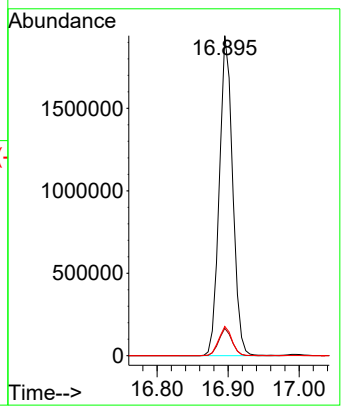


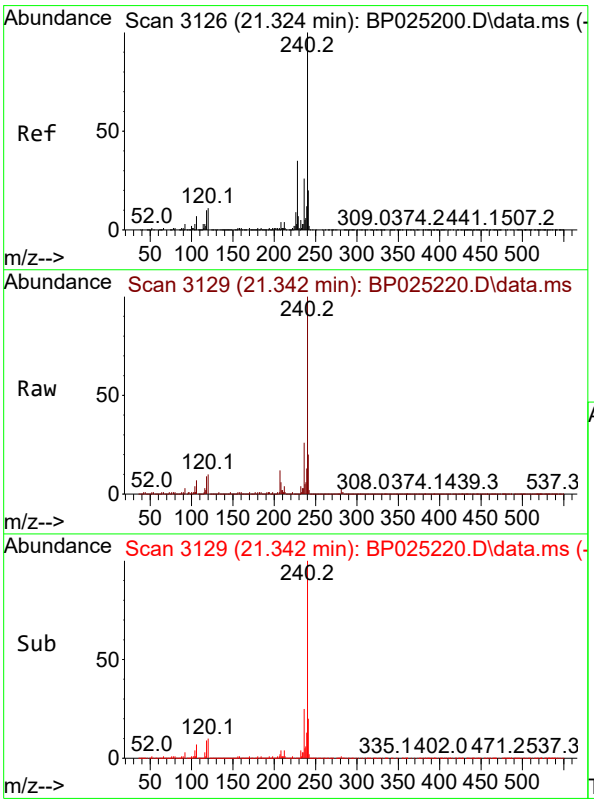
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion:188 Resp: 2518248

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.3	10.9

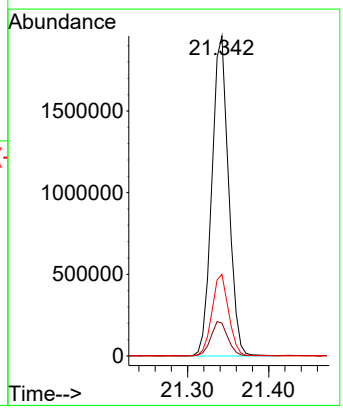


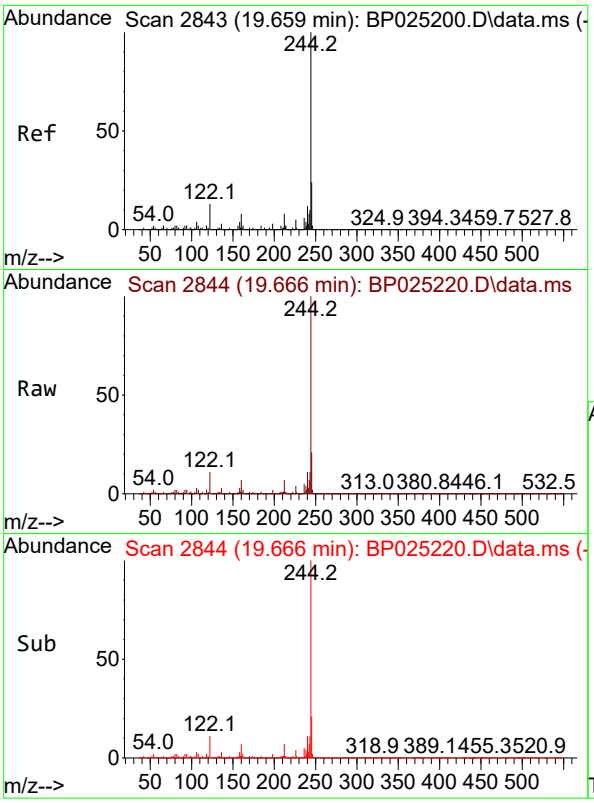


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:240 Resp: 2793931

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3



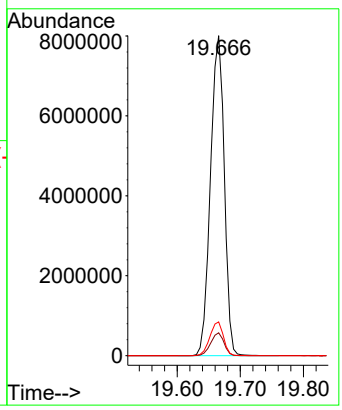


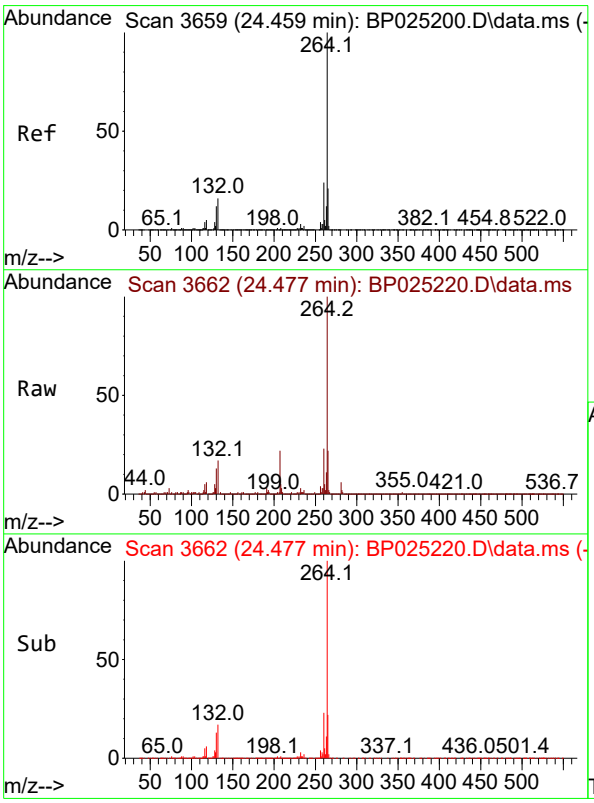
#79
Terphenyl-d14
Concen: 85.810 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion:244 Resp:12145031

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	10.6	10.3	15.5

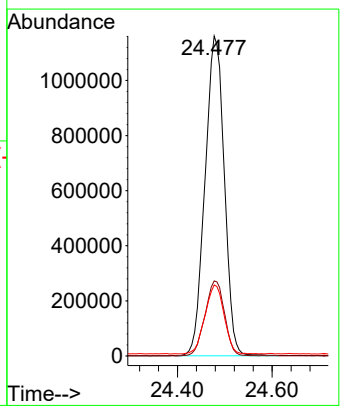




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:264 Resp: 3280608

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.2	17.5	26.3



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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	07/16/25
Project:	RFP 905A	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01	SDG No.:	Q2641
Lab Sample ID:	Q2641-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143191.D	1	07/22/25 09:10	07/22/25 16:26	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		23 - 138	68%	SPK: 150
13127-88-3	Phenol-d6	92.8		10 - 134	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.8		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.0		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	71.4		42 - 152	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	113000	6.963			
1146-65-2	Naphthalene-d8	427000	8.239			
15067-26-2	Acenaphthene-d10	228000	9.998			
1517-22-2	Phenanthrene-d10	388000	11.48			
1719-03-5	Chrysene-d12	277000	14.121			
1520-96-3	Perylene-d12	267000	15.627			

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	07/16/25
Project:	RFP 905A			Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01			SDG No.:	Q2641
Lab Sample ID:	Q2641-02			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143191.D	1	07/22/25 09:10	07/22/25 16:26	PB168954

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\BF072225\
Data File : BF143191.D
Acq On : 22 Jul 2025 16:26
Operator : RC/JU
Sample : Q2641-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Quant Time: Jul 22 17:21:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

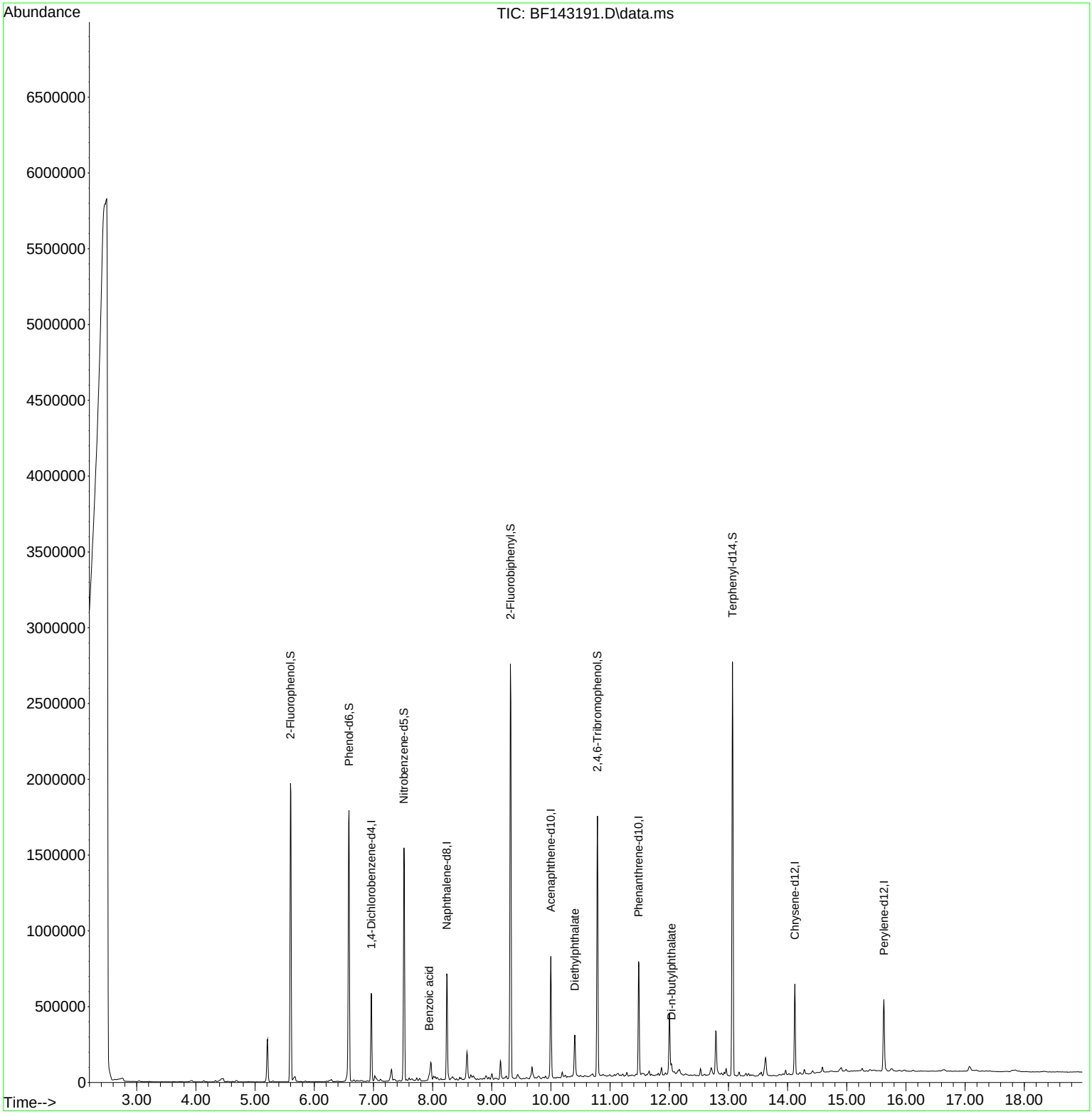
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113380	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	427484	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	227514	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	388148	20.000	ng	0.00
76) Chrysene-d12	14.121	240	276538	20.000	ng	0.00
86) Perylene-d12	15.627	264	267104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	732266	102.204	ng	0.01
7) Phenol-d6	6.587	99	837207	92.835	ng	0.00
23) Nitrobenzene-d5	7.516	82	667604	77.846	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	300334	127.783	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1214892	73.029	ng	0.00
79) Terphenyl-d14	13.068	244	1327665	71.444	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.939	122	10234	7.469	ng	94
60) Diethylphthalate	10.404	149	185462	12.653	ng	99
74) Di-n-butylphthalate	12.039	149	43636	2.101	ng	99

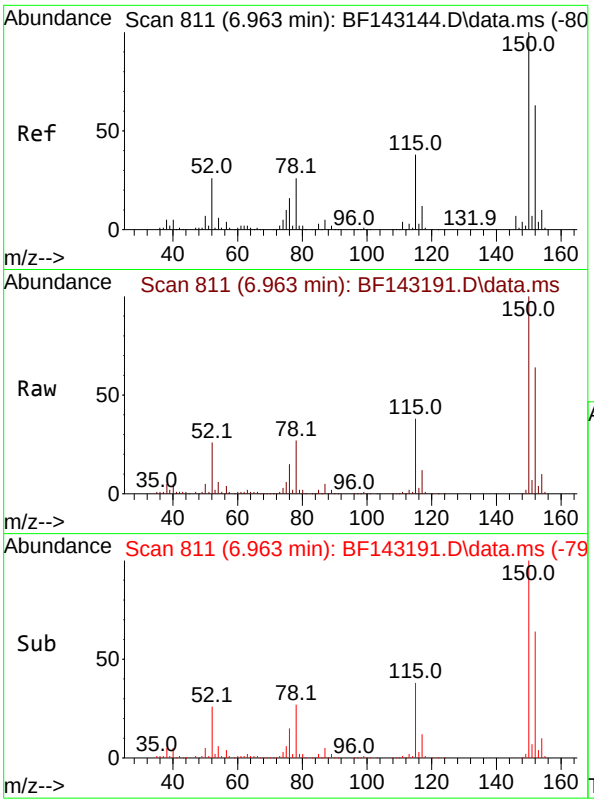
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143191.D
Acq On : 22 Jul 2025 16:26
Operator : RC/JU
Sample : Q2641-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Quant Time: Jul 22 17:21:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



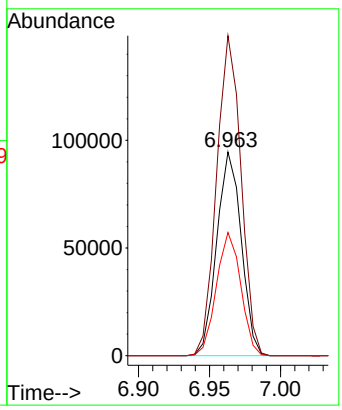


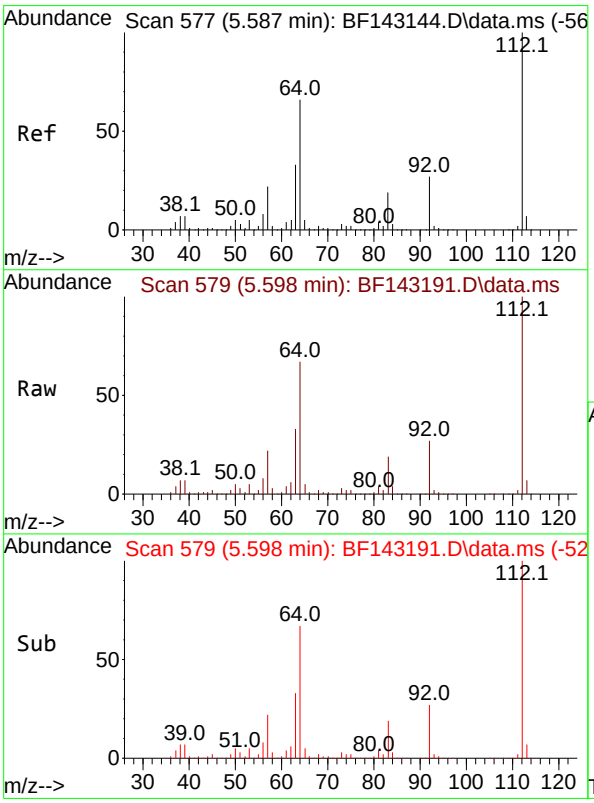
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:152 Resp: 113380

Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.2	192.4
115	60.5	47.9	71.9

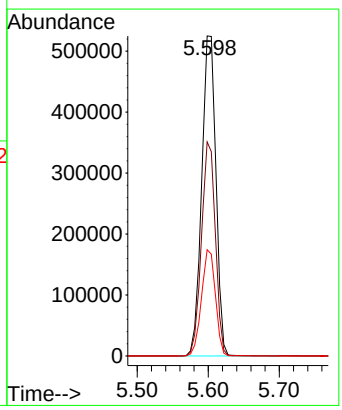


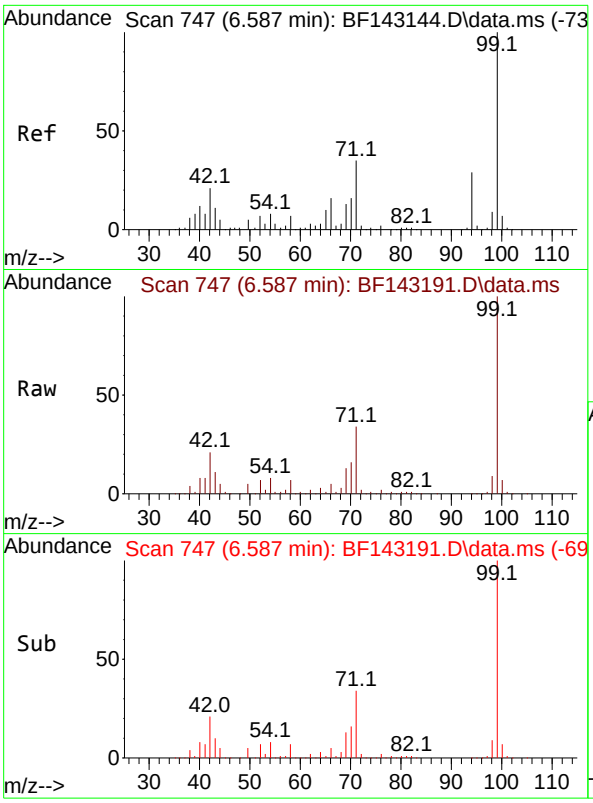


#5
2-Fluorophenol
Concen: 102.204 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:112 Resp: 732266

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.1	79.7
63	33.2	26.6	40.0



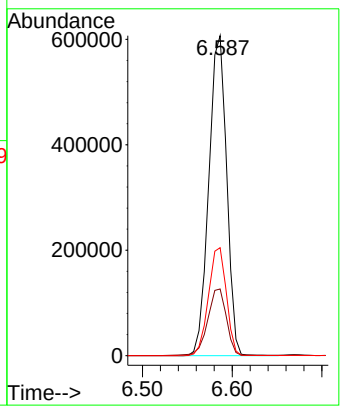


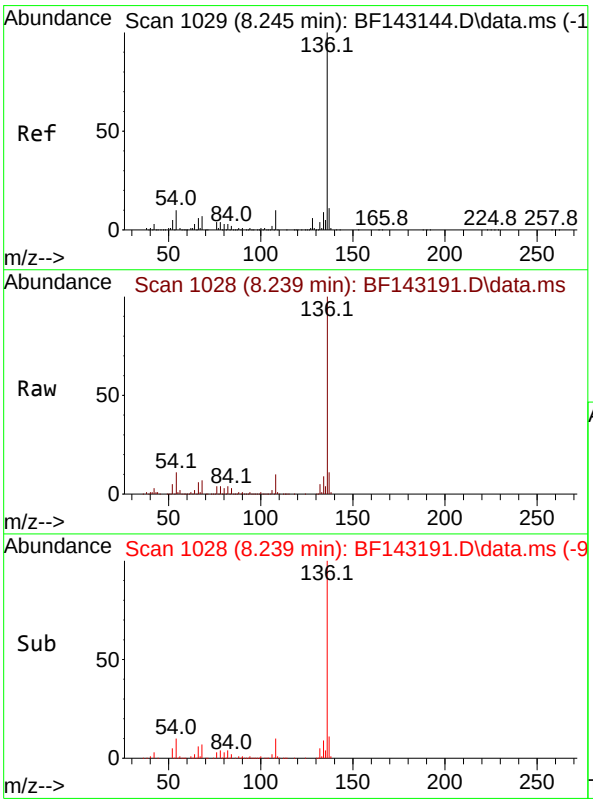
#7
Phenol-d6
Concen: 92.835 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion: 99 Resp: 837207

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	33.7	27.7	41.5

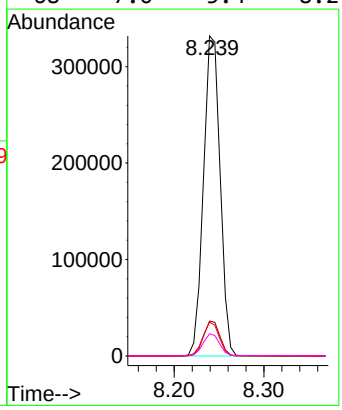


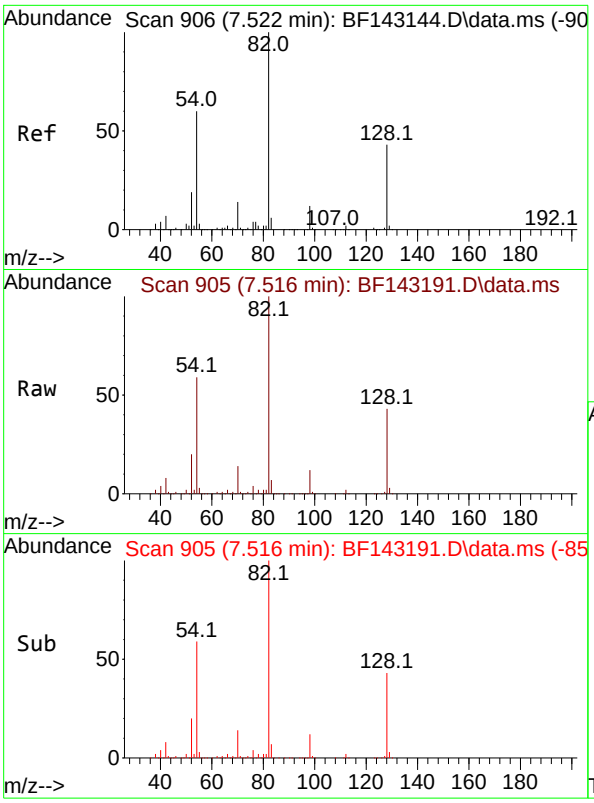


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:136 Resp: 427484

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2



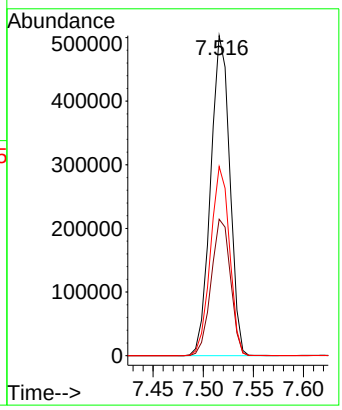


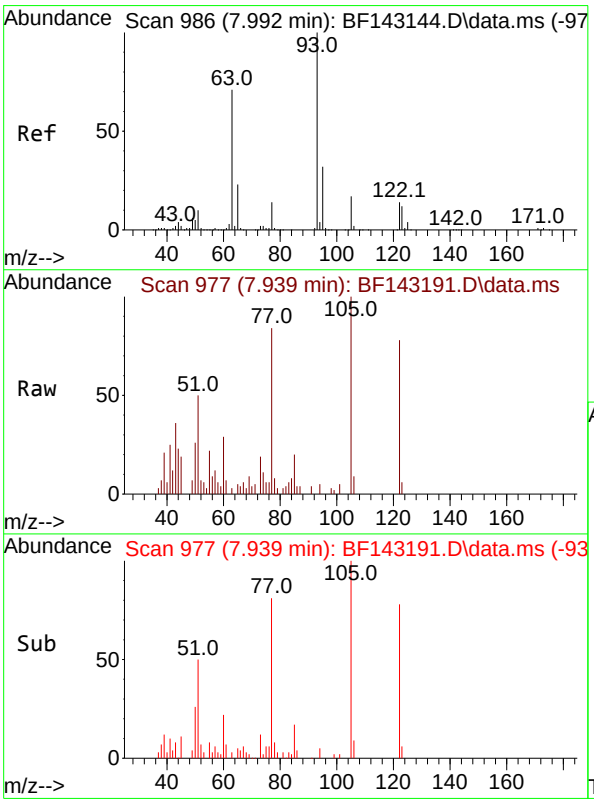
#23
Nitrobenzene-d5
Concen: 77.846 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion: 82 Resp: 667604

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.6	50.4
54	59.1	47.1	70.7

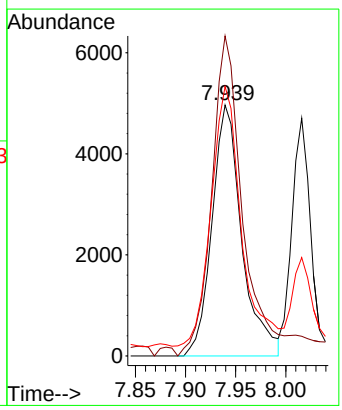


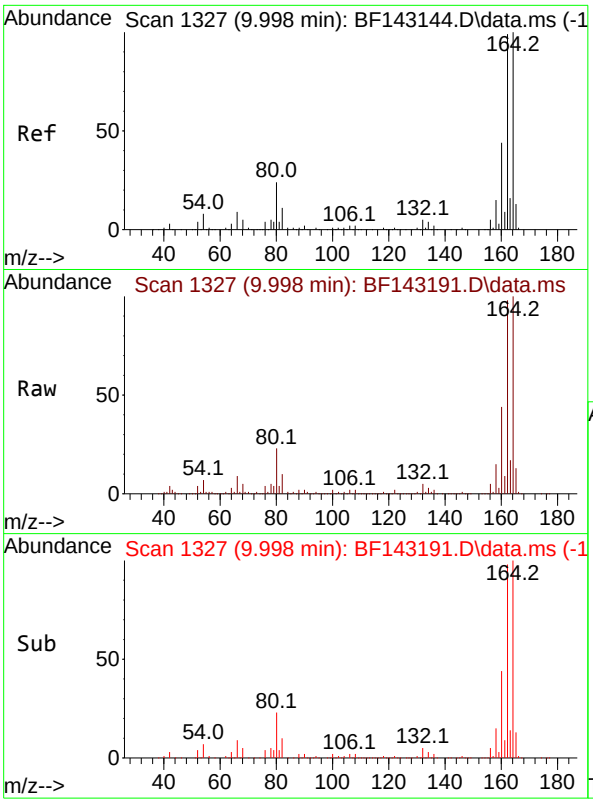


#32
Benzoic acid
Concen: 7.469 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.053 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:122 Resp: 10234

Ion	Ratio	Lower	Upper
122	100		
105	127.6	104.8	144.8
77	107.4	77.6	117.6



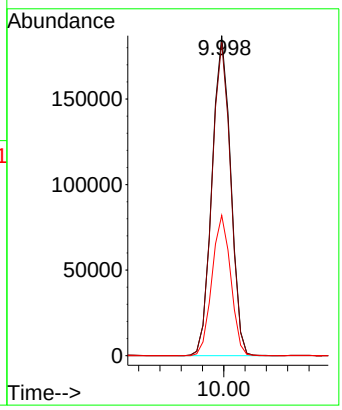


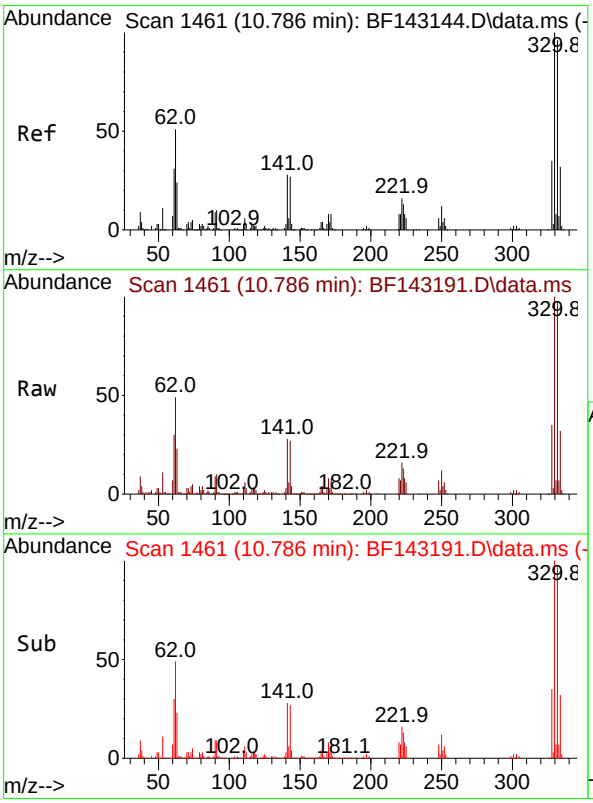
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:164 Resp: 227514

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.0	118.6
160	43.8	35.1	52.7

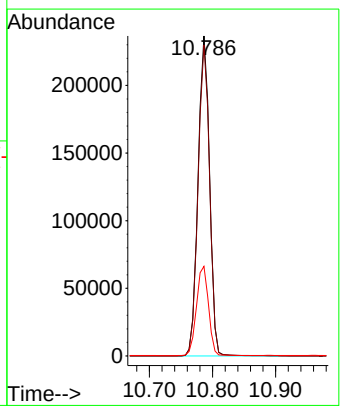


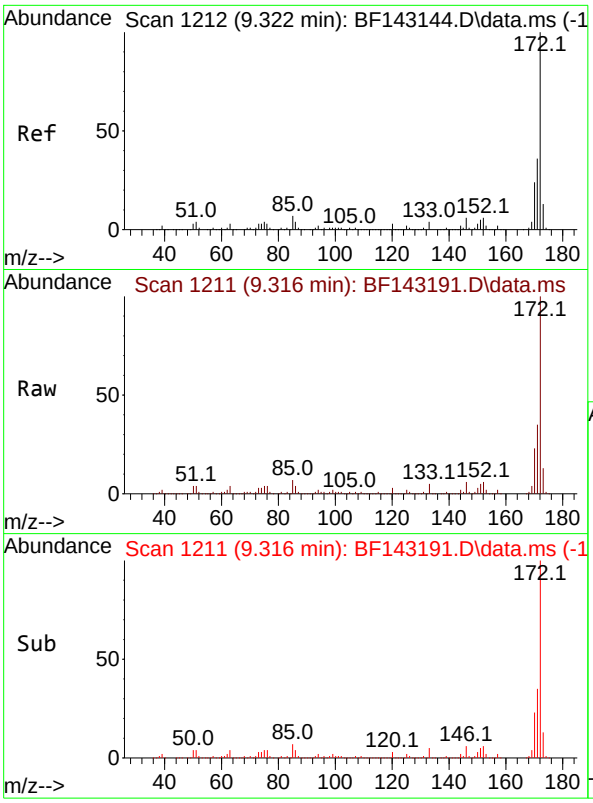


#42
2,4,6-Tribromophenol
Concen: 127.783 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:330 Resp: 300334

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	29.1	23.3	34.9



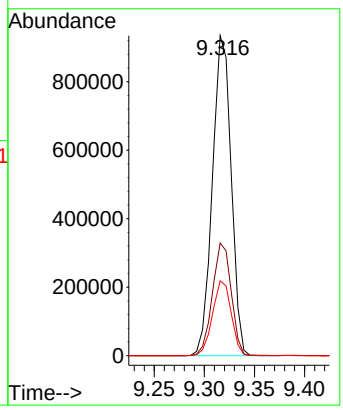


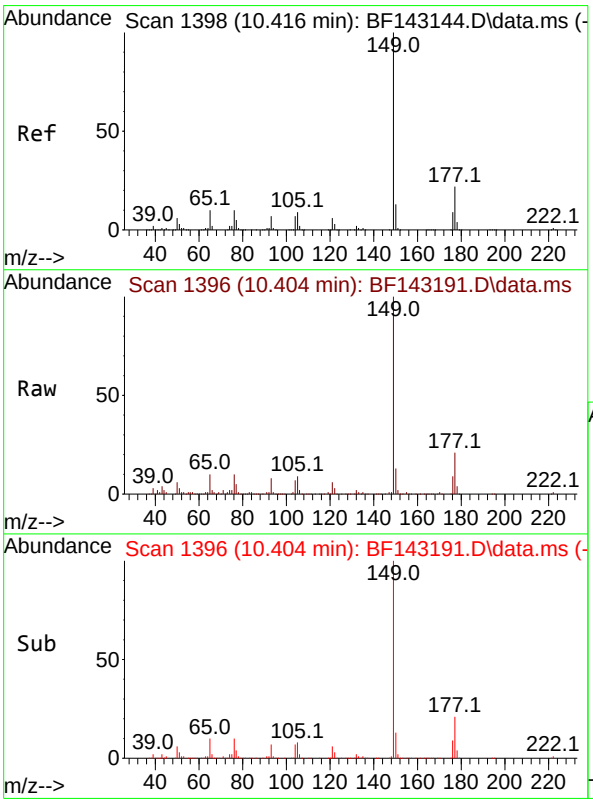
#45
2-Fluorobiphenyl
Concen: 73.029 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:172 Resp: 1214892

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.8	28.2

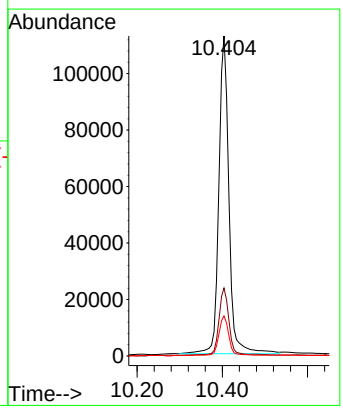


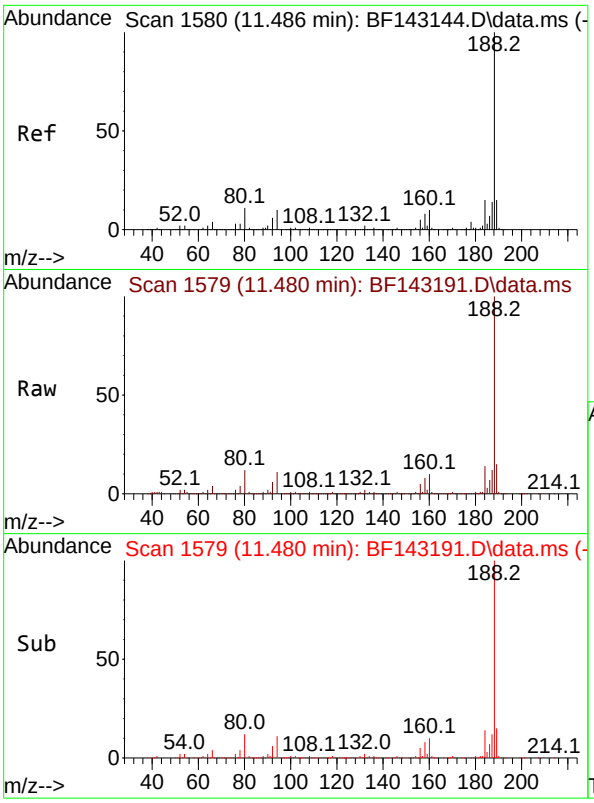


#60
Diethylphthalate
Concen: 12.653 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:149 Resp: 185462

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.5	26.3
150	12.5	10.2	15.2



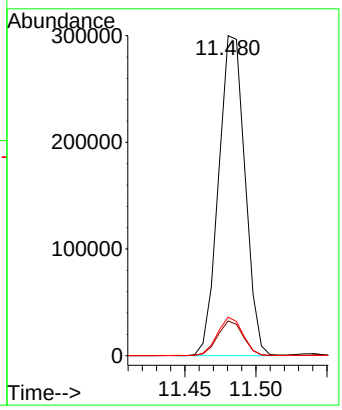


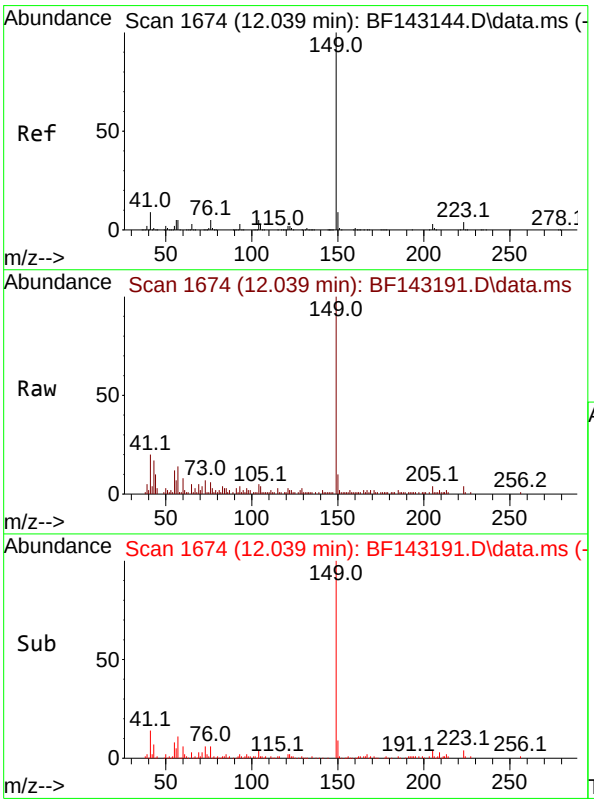
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:188 Resp: 388148

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	12.1	9.0	13.6

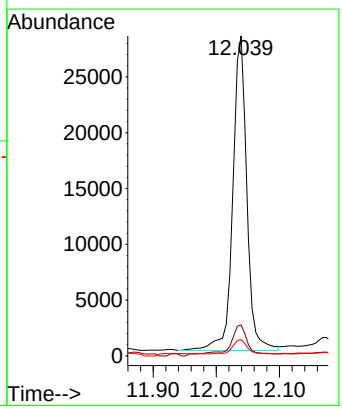


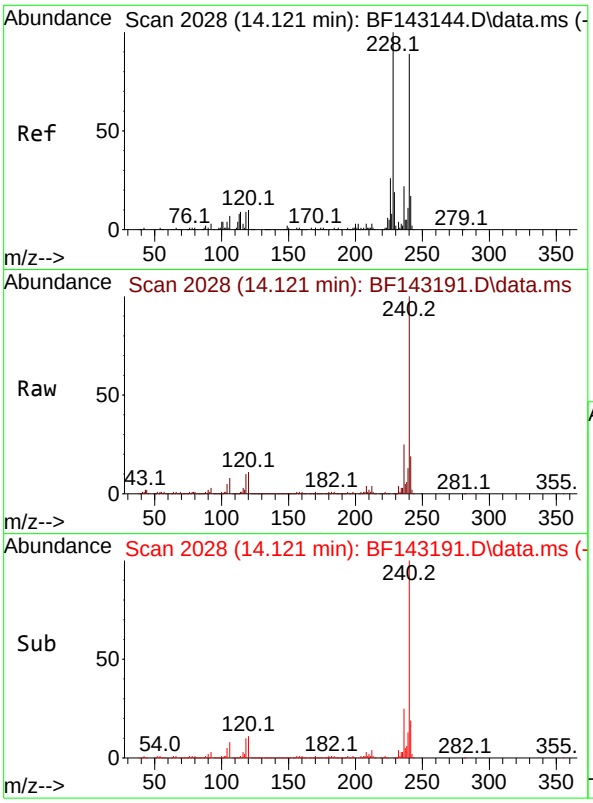


#74
Di-n-butylphthalate
Concen: 2.101 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:149 Resp: 43636

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	5.1	3.8	5.8



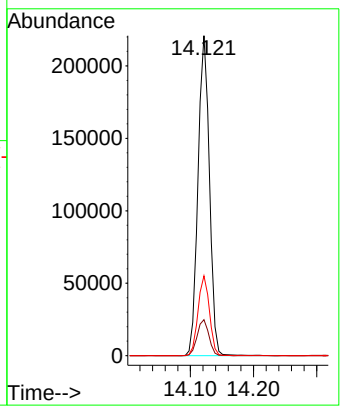


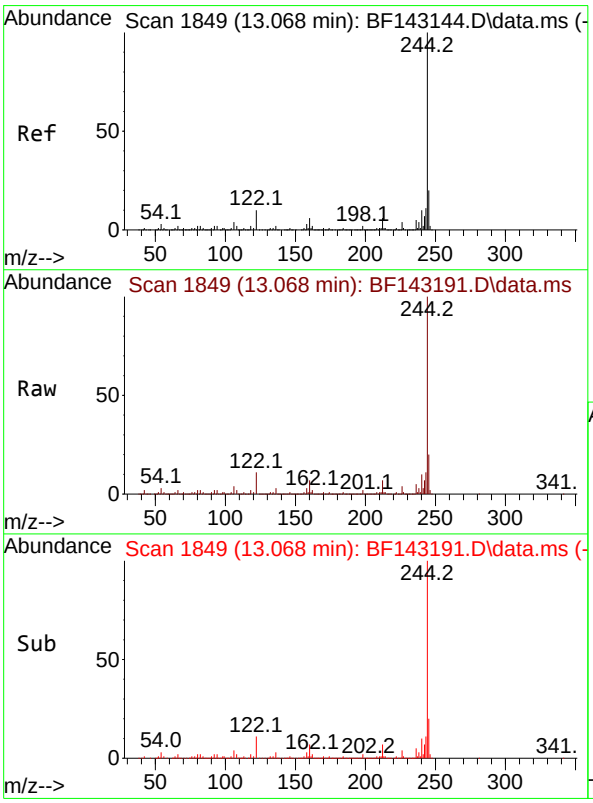
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:240 Resp: 276538

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	24.9	20.2	30.4

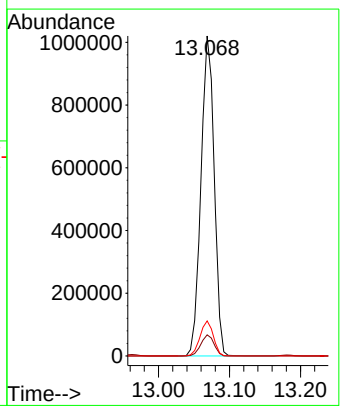


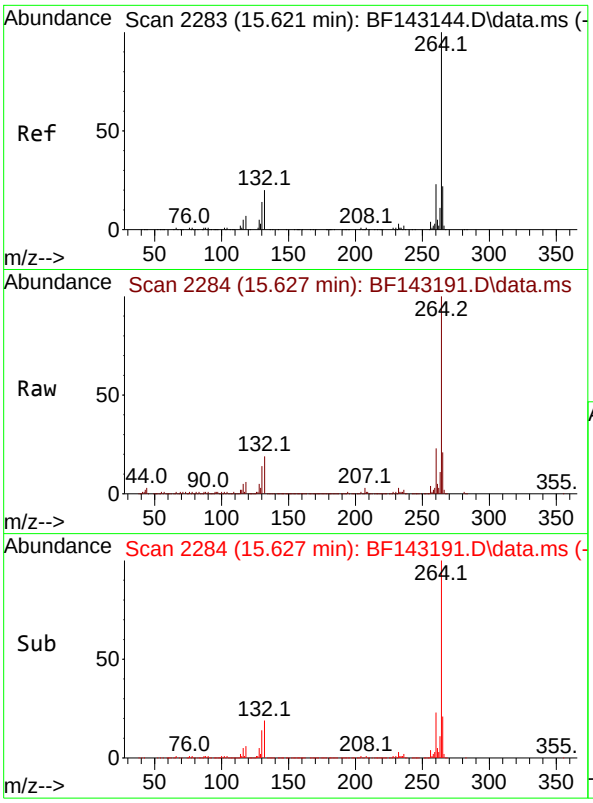


#79
Terphenyl-d14
Concen: 71.444 ng
RT: 13.068 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:244 Resp: 1327665

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.9	8.2	12.2



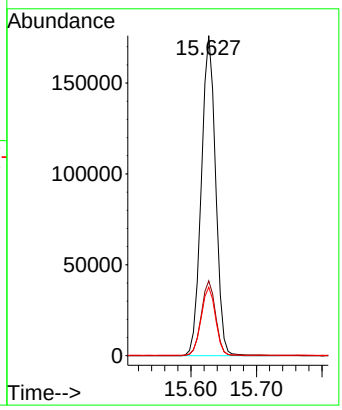


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

Tgt Ion:264 Resp: 267104

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.4	17.4	26.2



CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

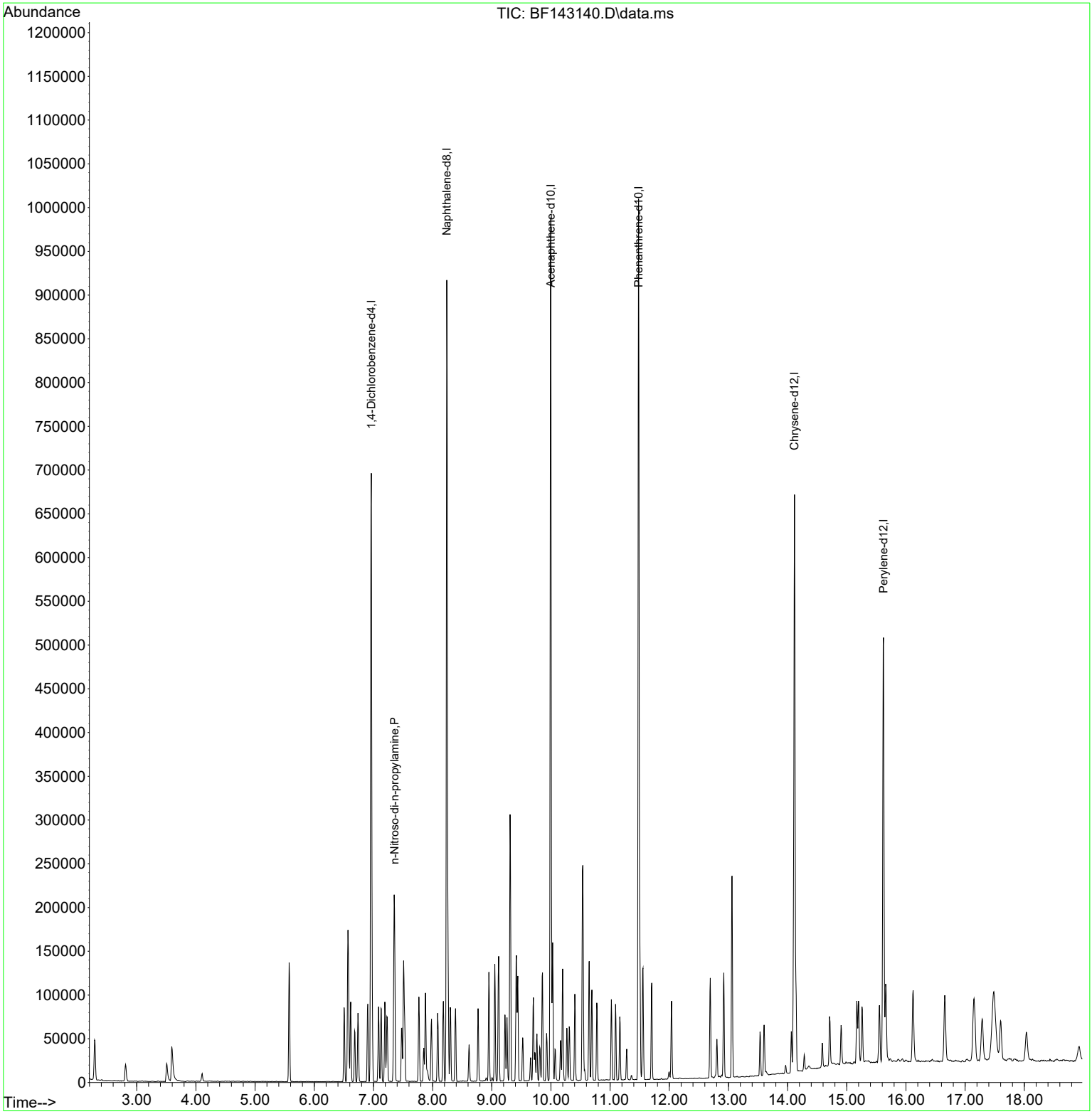
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	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...	7.357	70	19227	2.696	ng	96

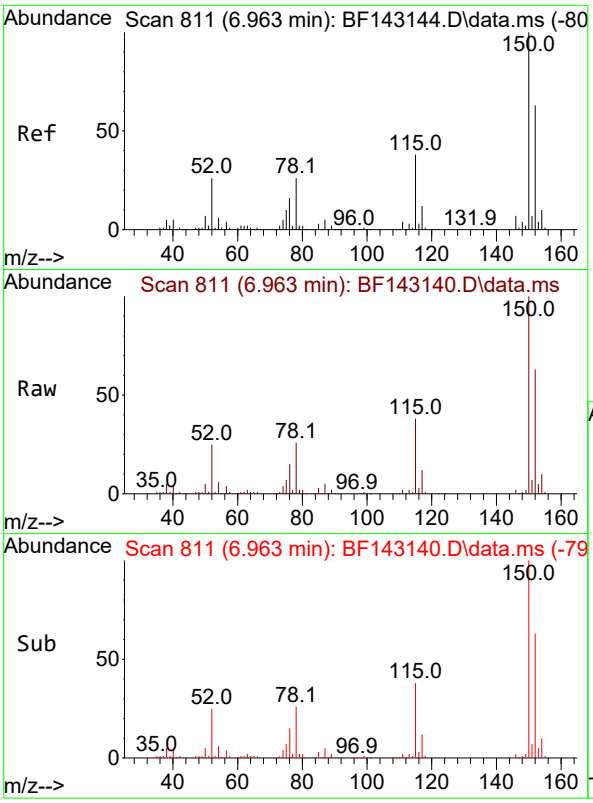
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



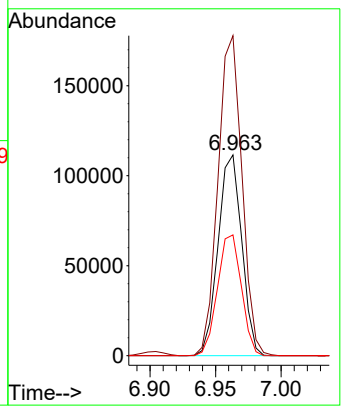


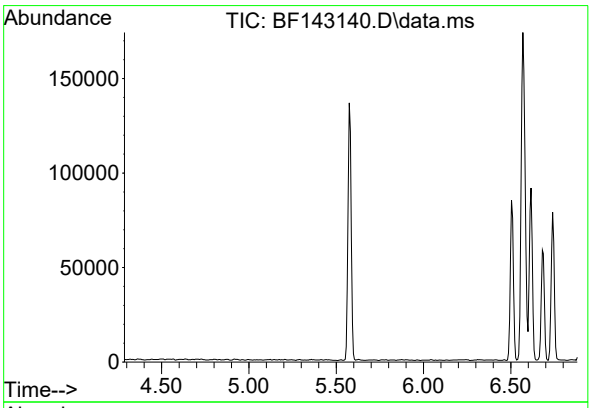
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 139766

Ion	Ratio	Lower	Upper
152	100		
150	159.4	128.2	192.4
115	60.2	47.9	71.9



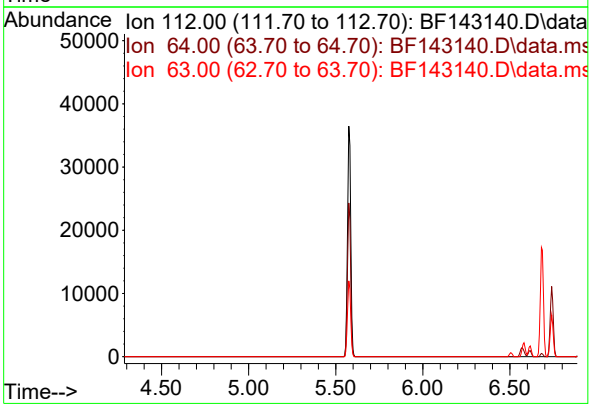


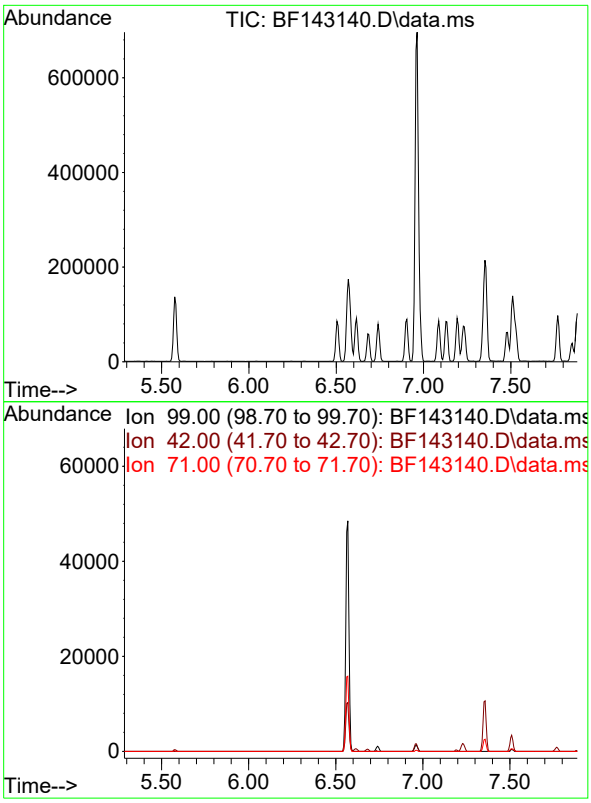
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.4
63	33.3





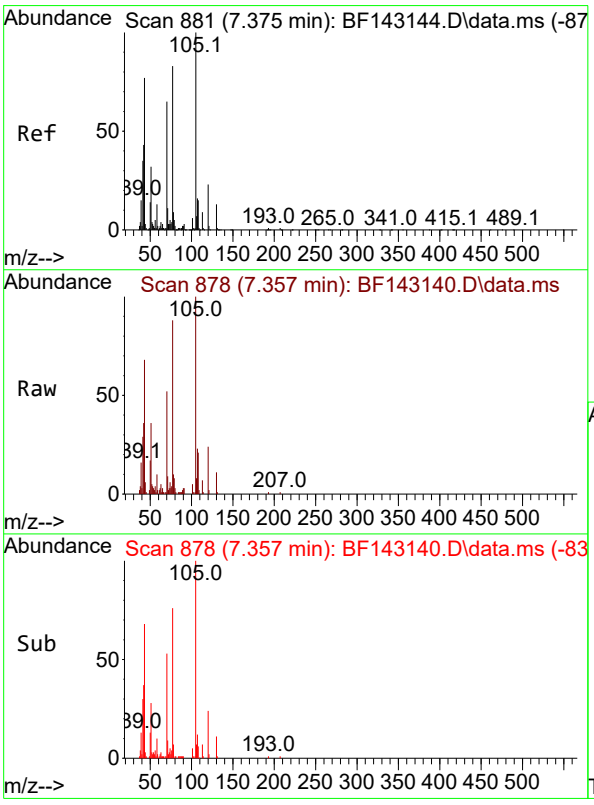
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

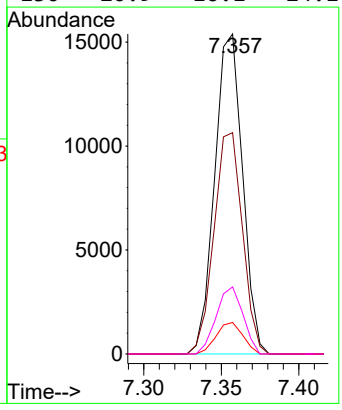
Sig	Exp Ratio
99	100
42	21.3
71	34.6

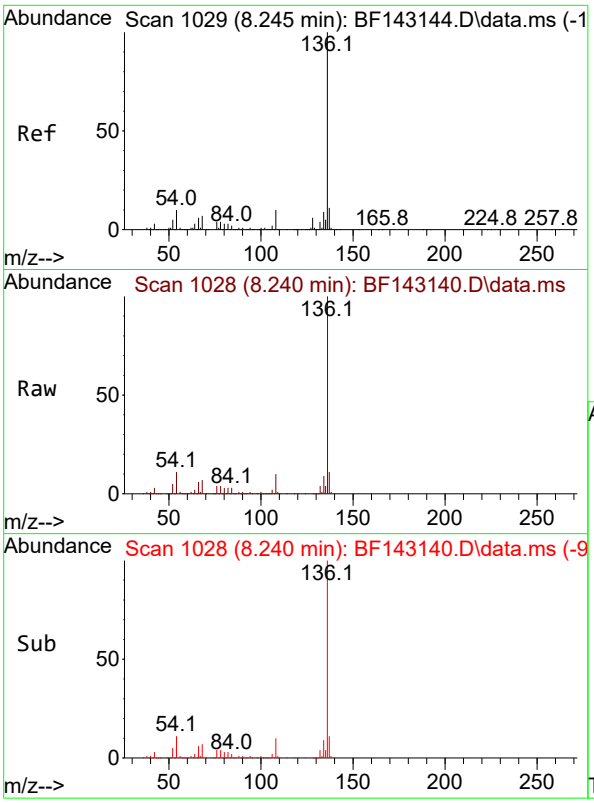


#19
n-Nitroso-di-n-propylamine
Concen: 2.696 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.017 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

Ion	Ratio	Lower	Upper
70	100		
42	69.2	52.5	78.7
101	9.9	7.6	11.4
130	20.9	16.1	24.1



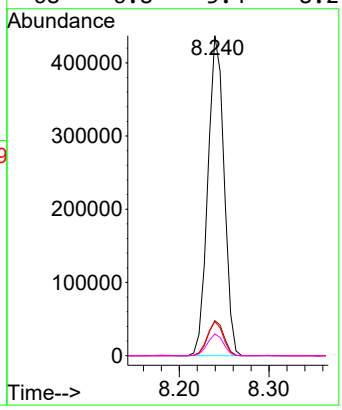


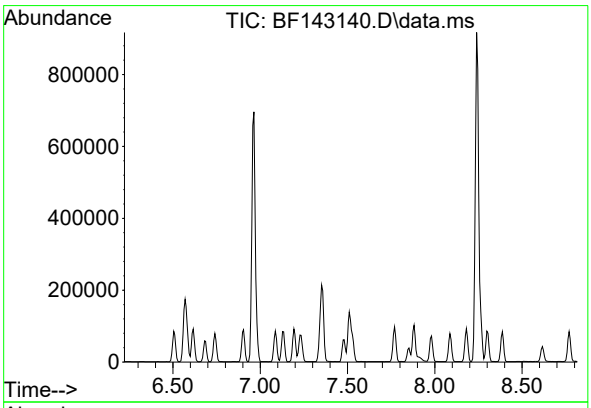
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 547280

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	6.8	5.4	8.2



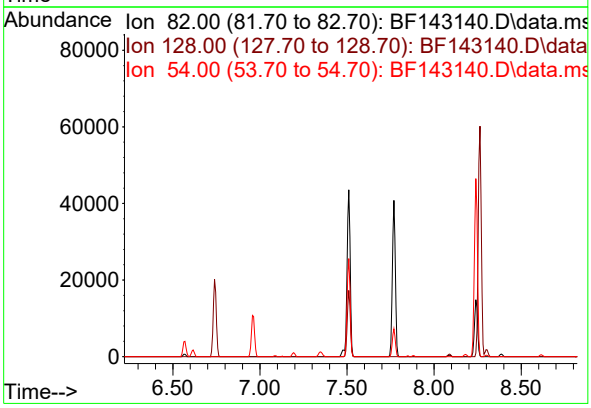


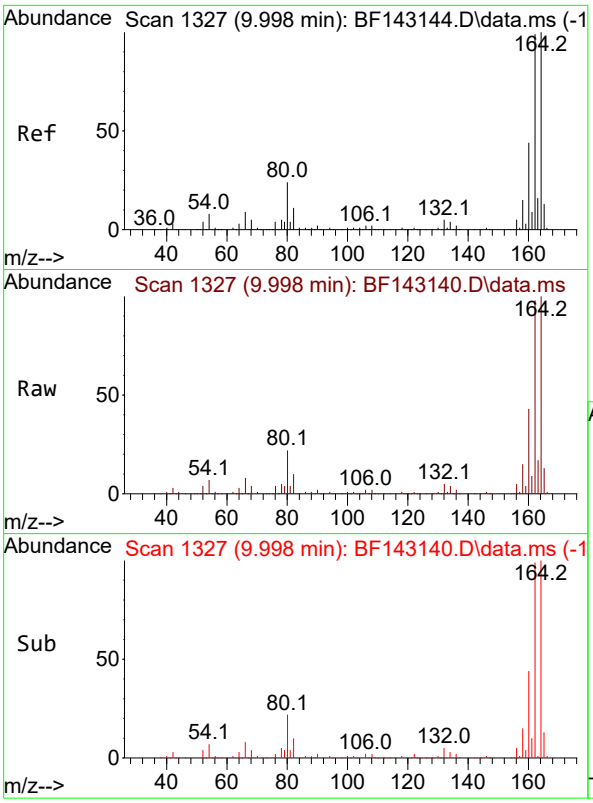
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.52 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.0
54	58.9



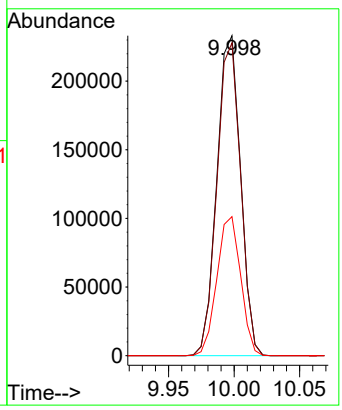


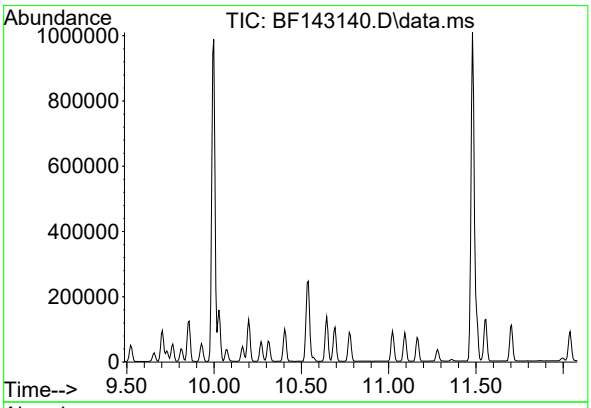
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 293149

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.5	35.1	52.7



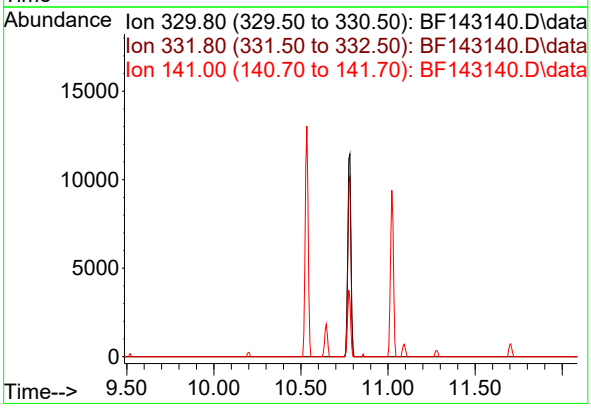


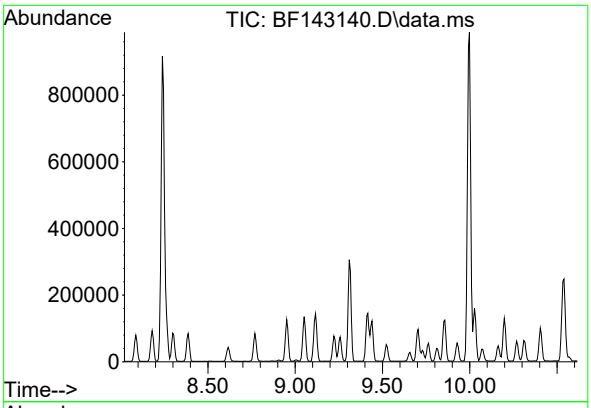
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.9
141	29.1





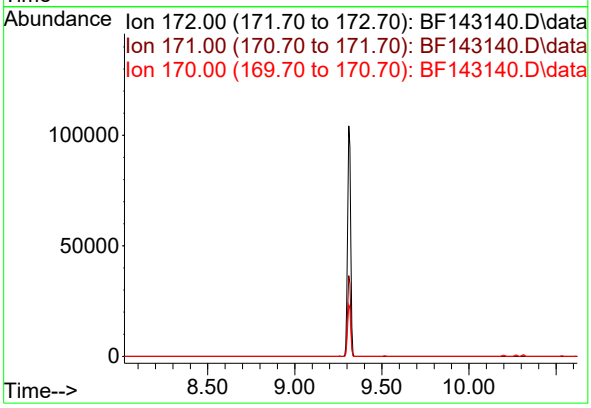
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min

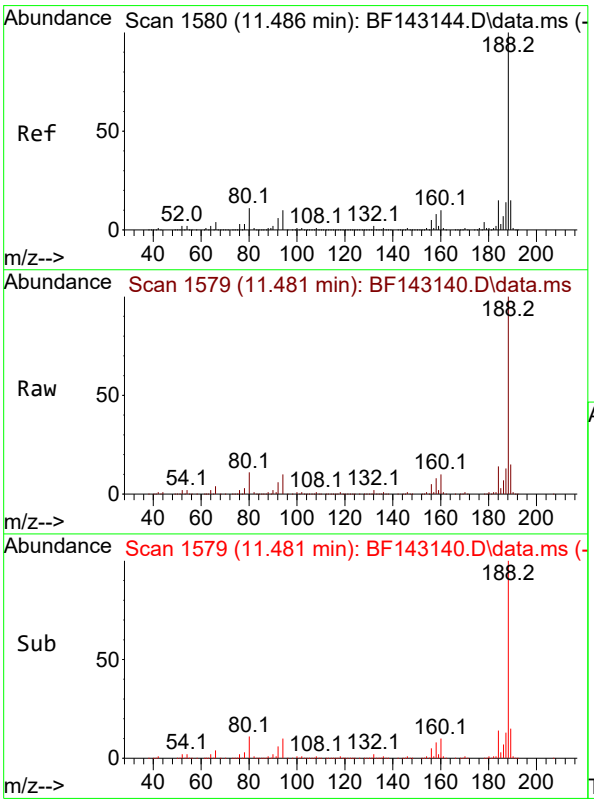
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.7
170	23.5

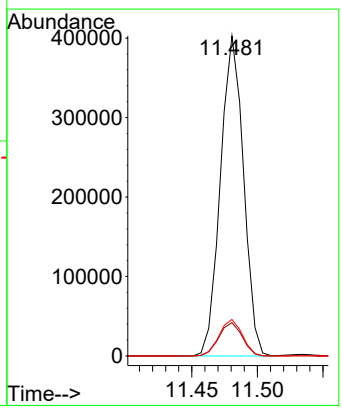


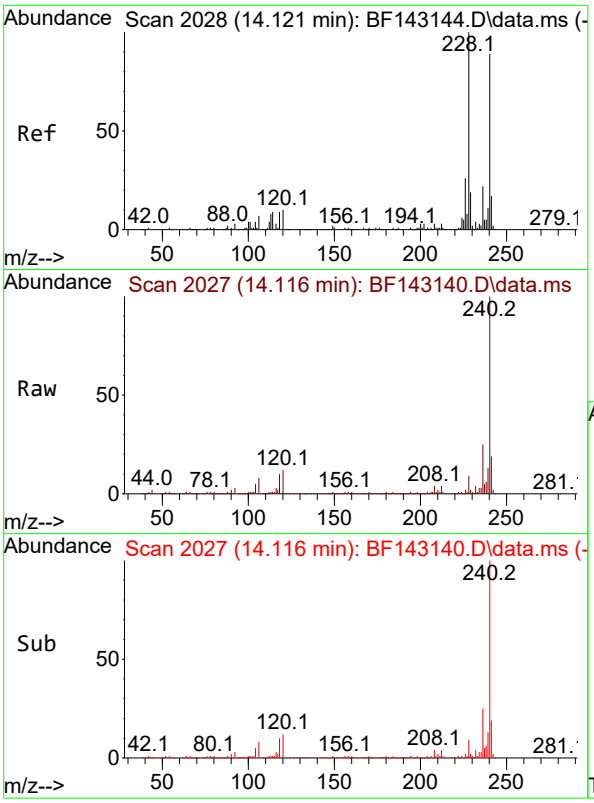


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion:188 Resp: 492765

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.4	9.0	13.6



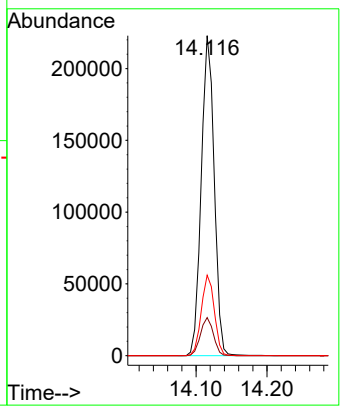


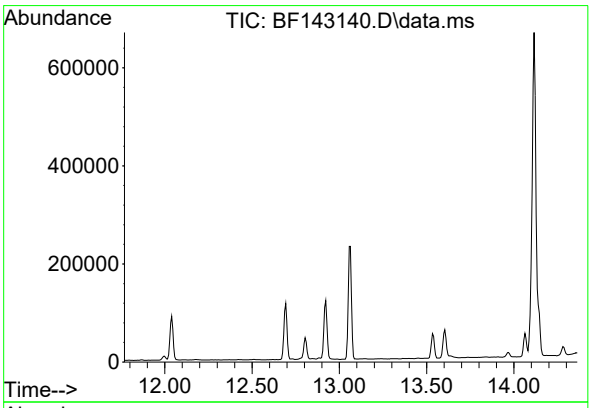
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 283469

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4



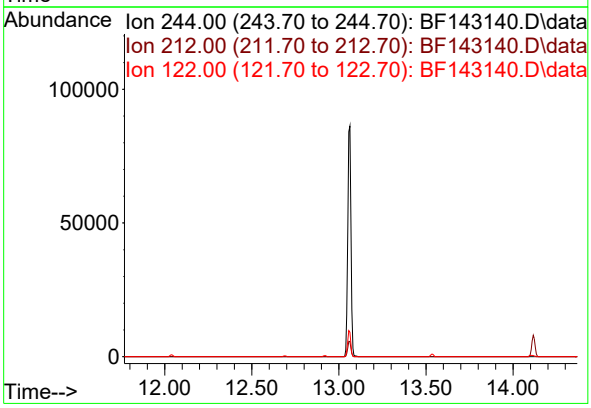


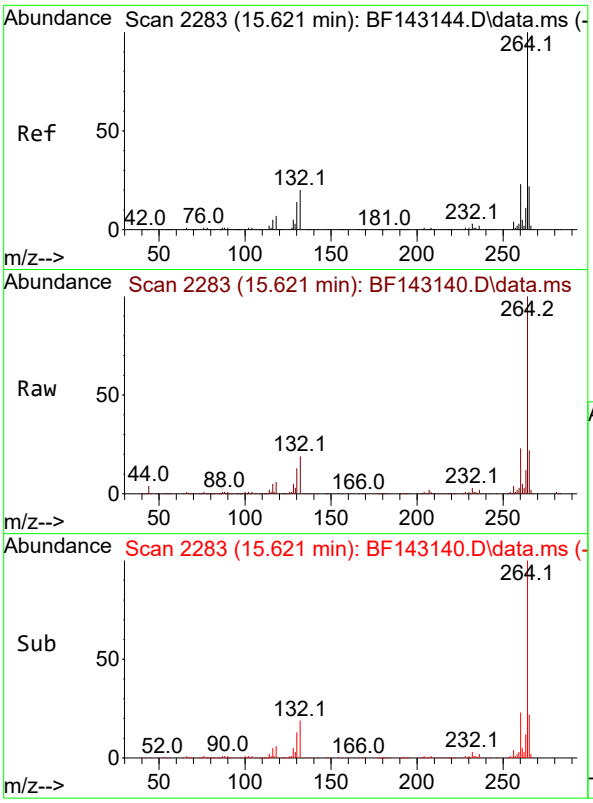
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	10.2



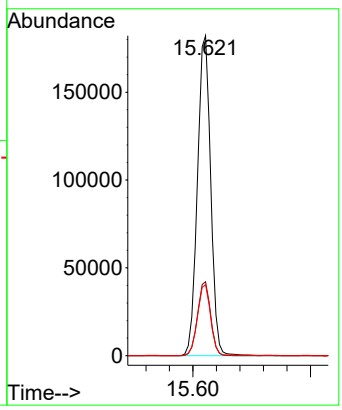


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 284847

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.1	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	102749m	10.146	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

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

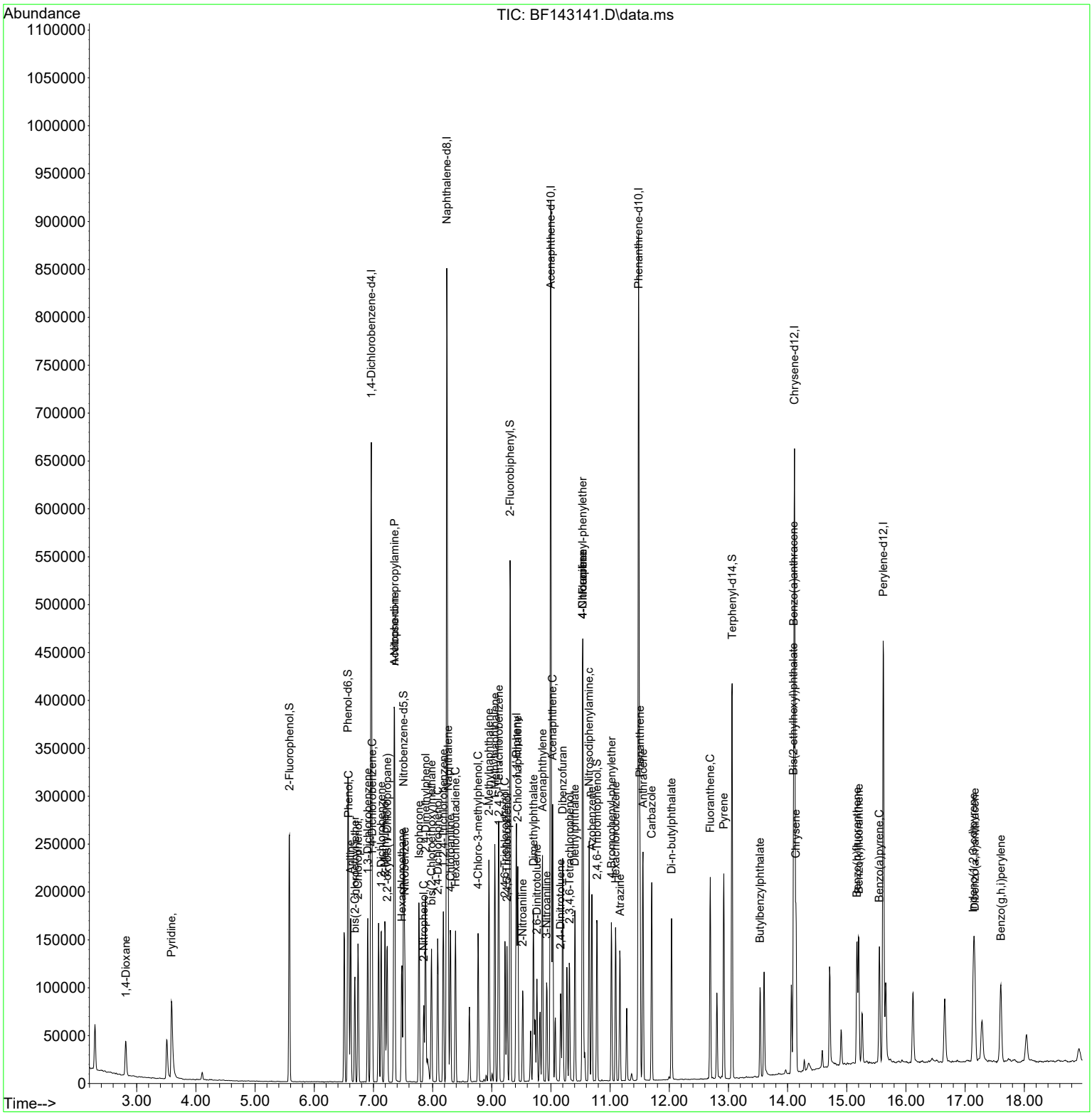
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Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

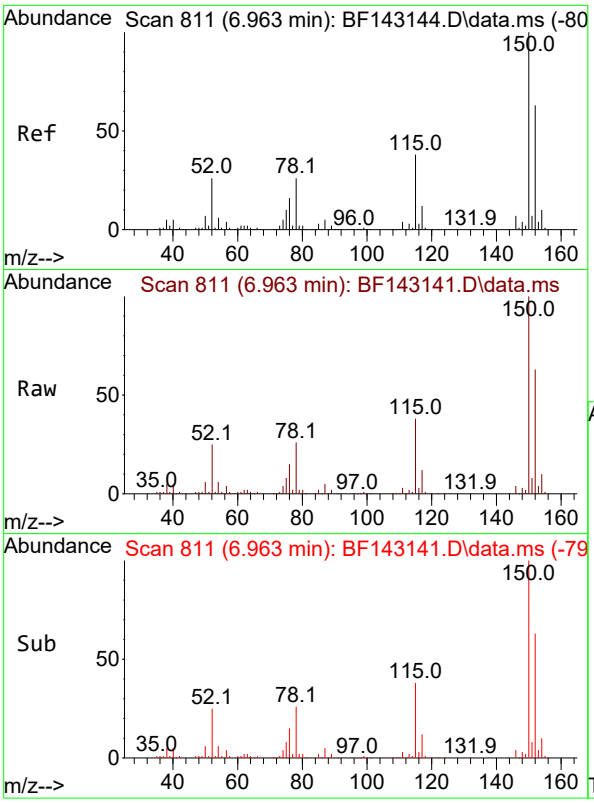
Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

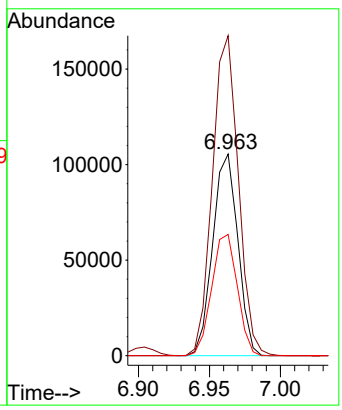




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 12994

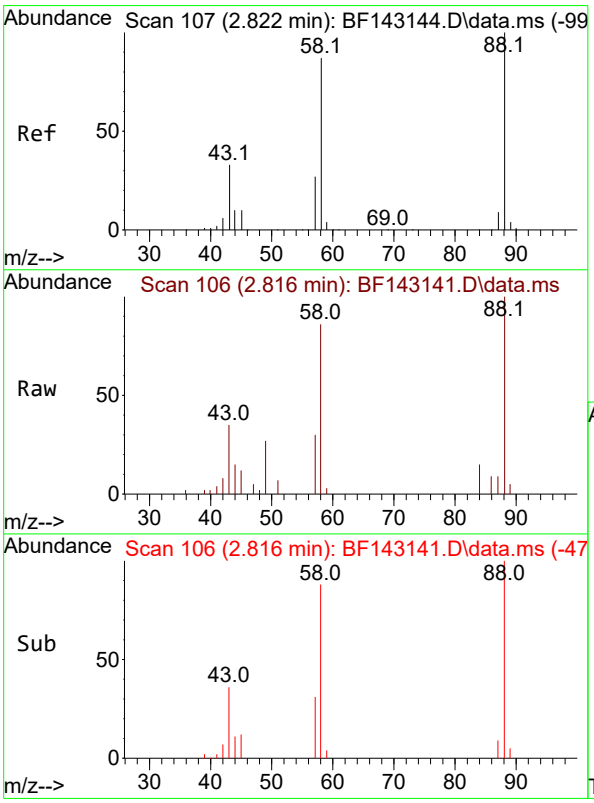
Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	60.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

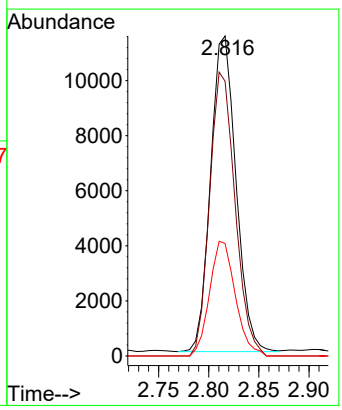
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

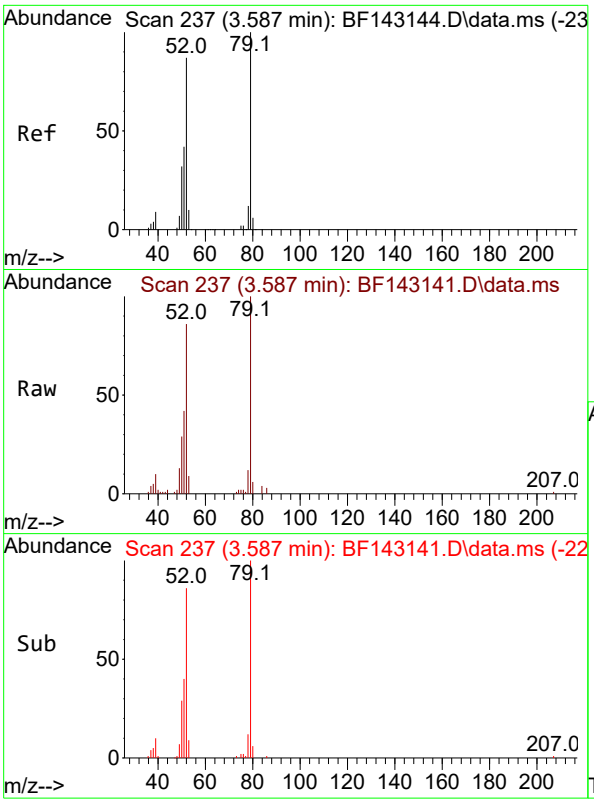


#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

Ion	Ratio	Lower	Upper
88	100		
58	89.6	70.2	105.2
43	36.7	27.1	40.7

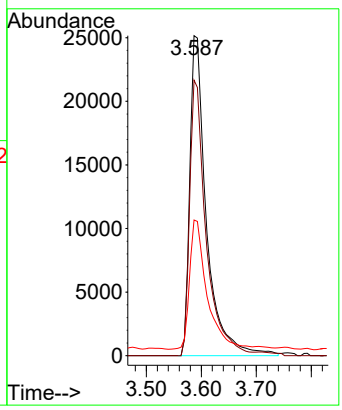




#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 79 Resp: 5298

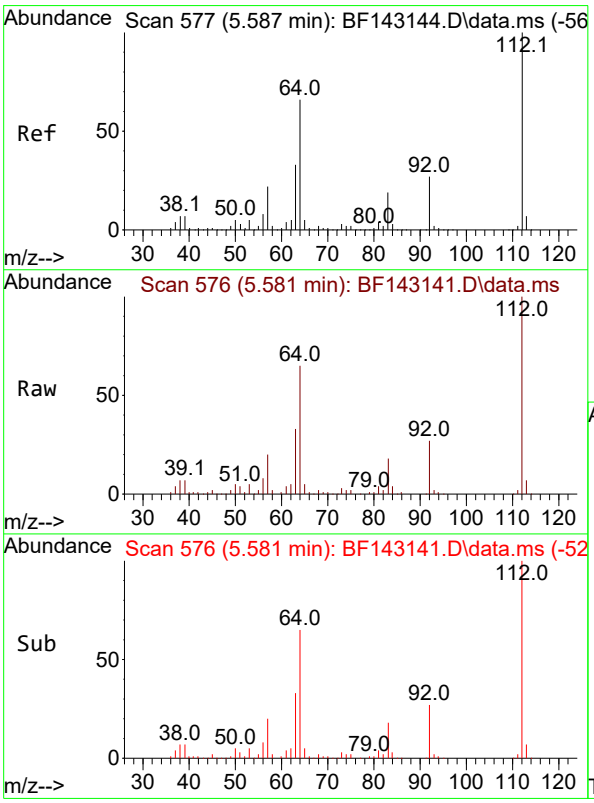
Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

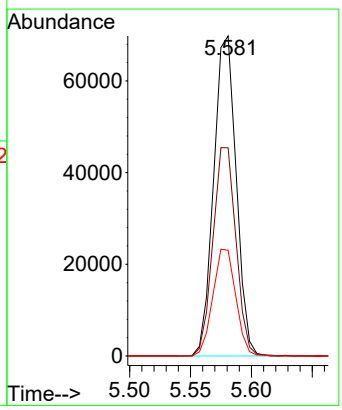
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

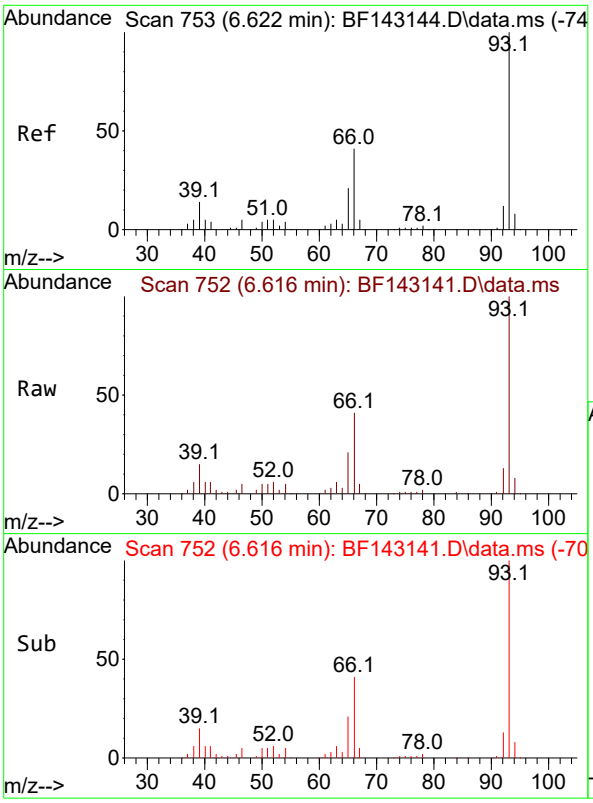


#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:112 Resp: 89958

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.1	26.6	40.0

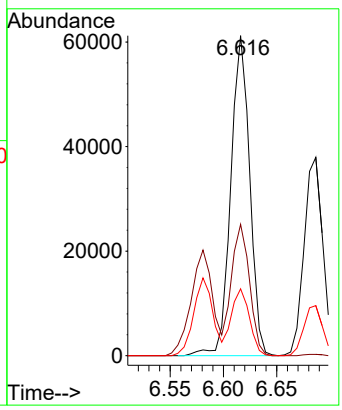




#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 7581

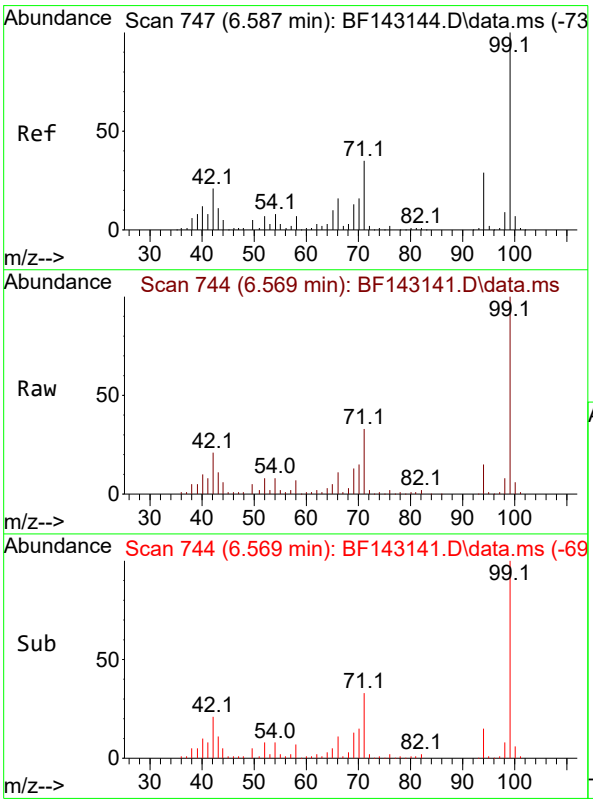
Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.9	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

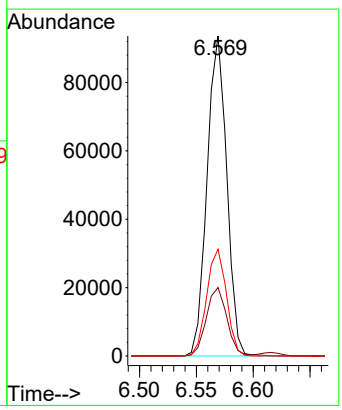
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

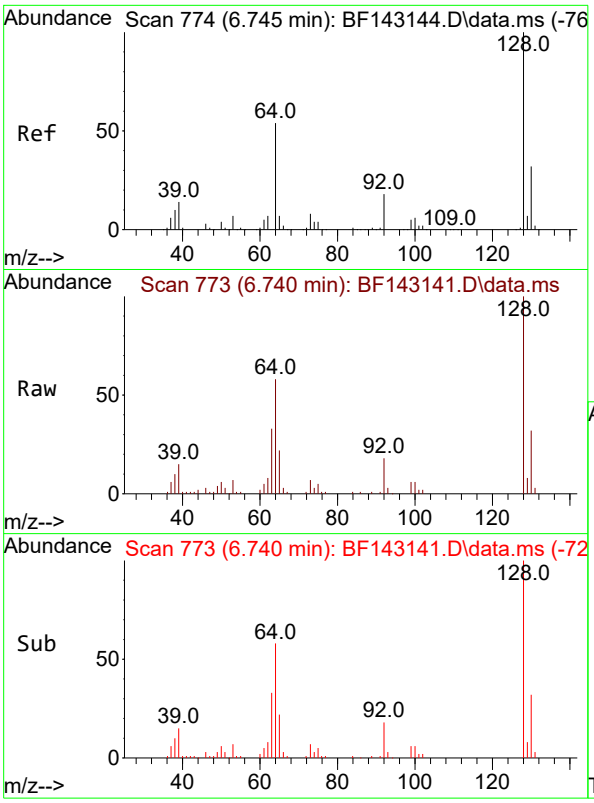


#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 99 Resp: 112575

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.4	27.7	41.5

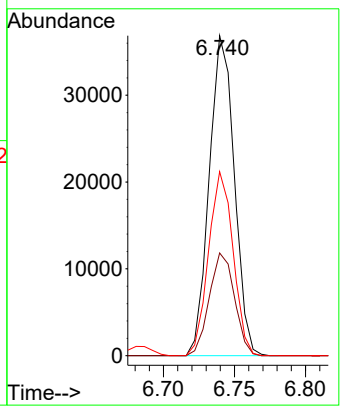




#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 4520

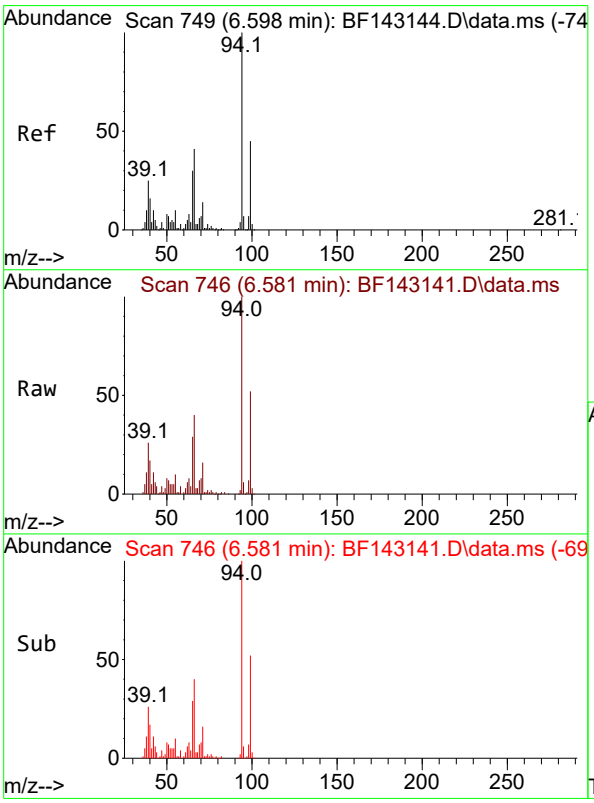
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	57.5	35.9	75.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

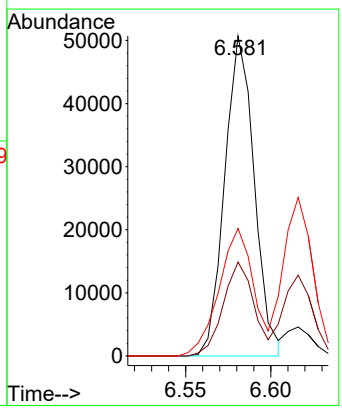
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

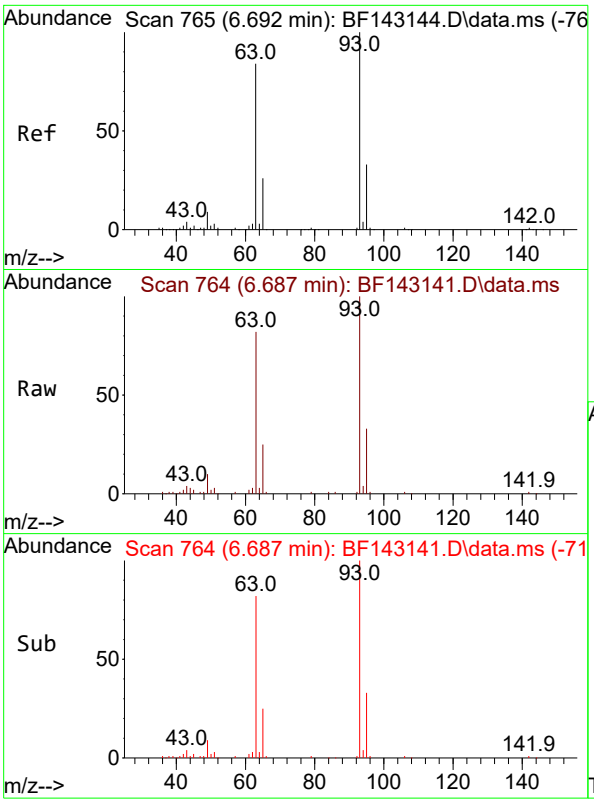


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	39.8	20.8	60.8

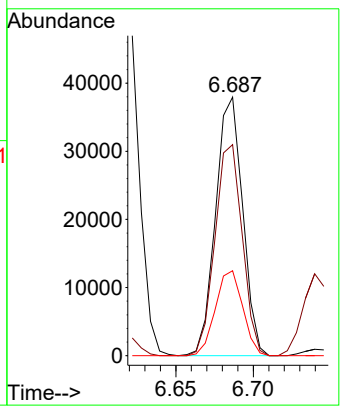




#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 4608

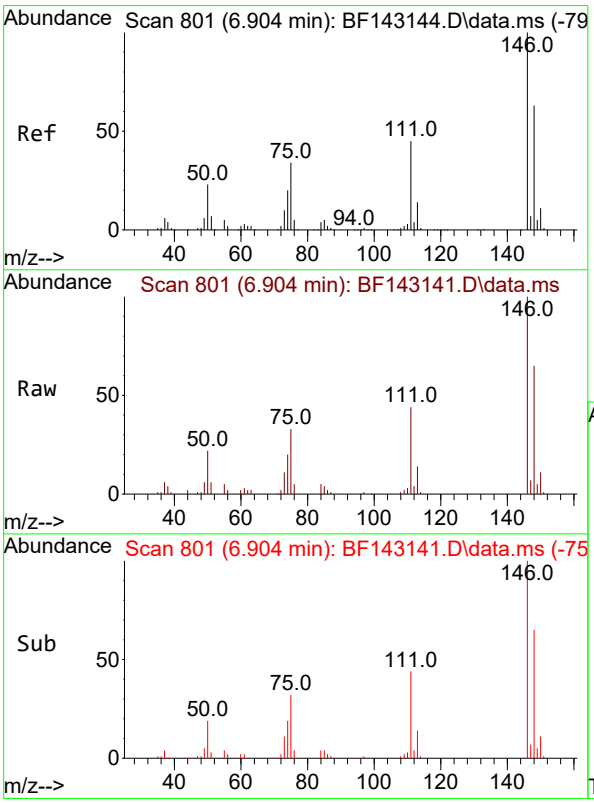
Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.4	103.4
95	32.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

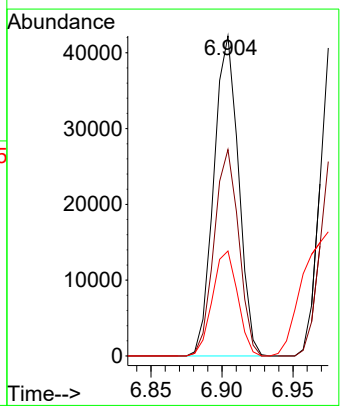
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

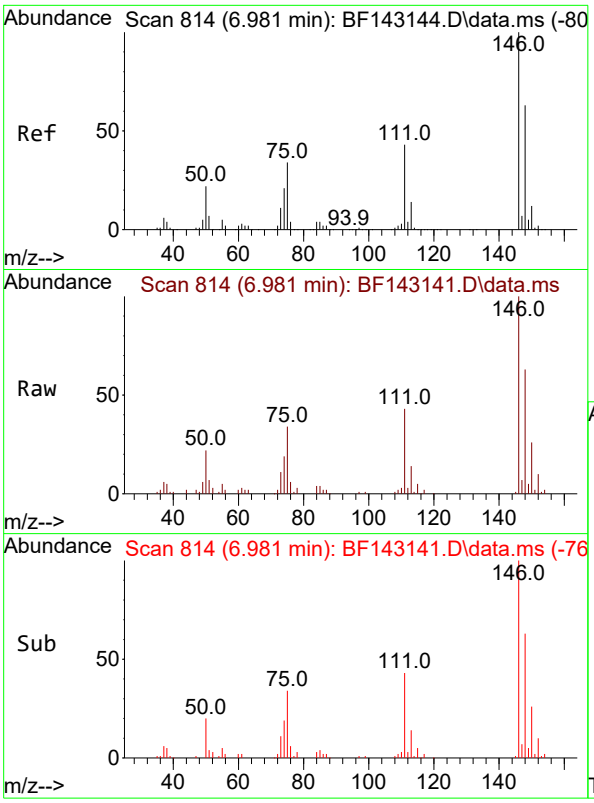


#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.8	27.4	41.2

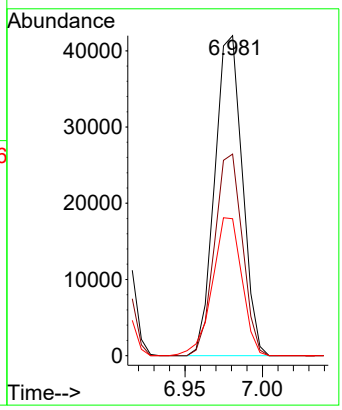




#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 5203

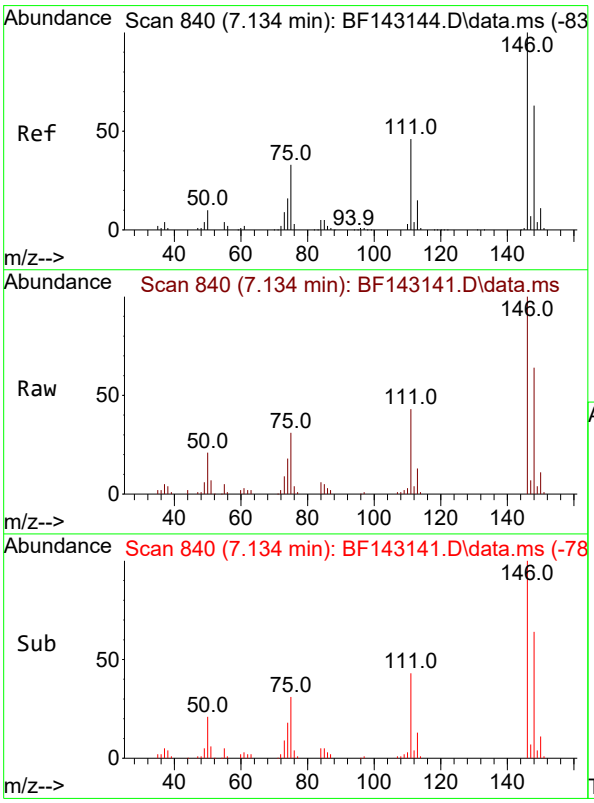
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

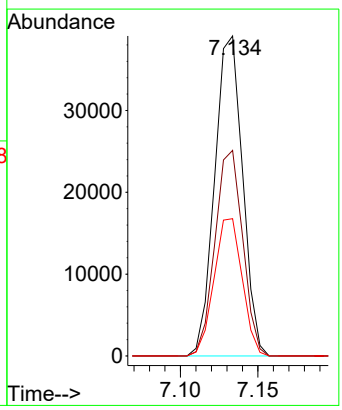
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

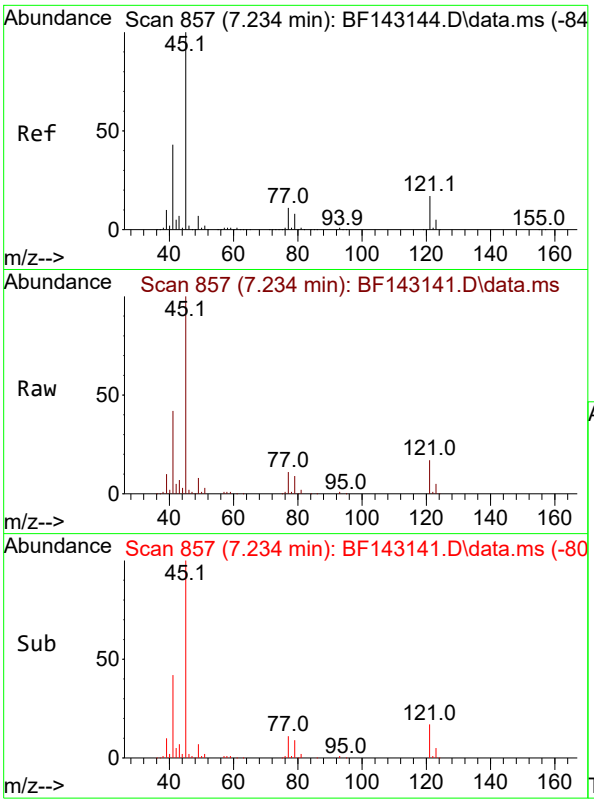


#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.9	36.6	54.8

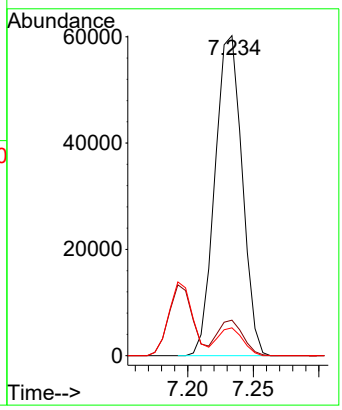




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 8672

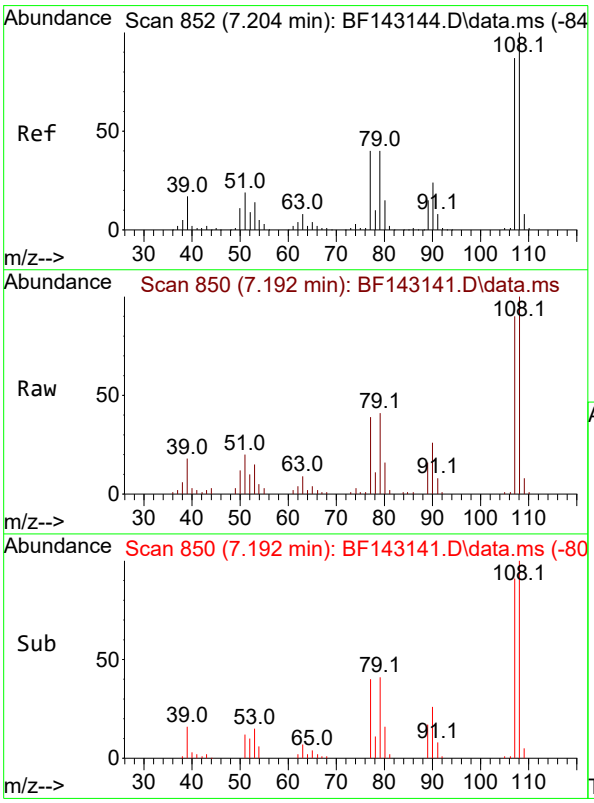
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.7	0.0	28.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

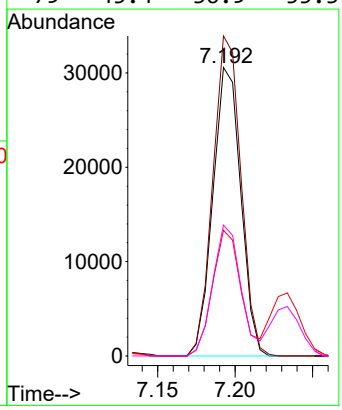
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

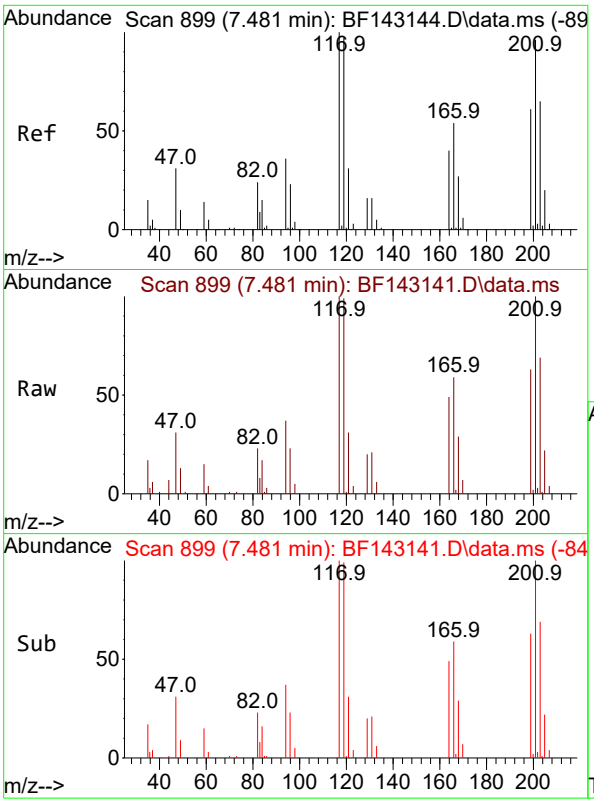


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 38278

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.6
77	43.6	37.0	55.6
79	45.4	36.9	55.3

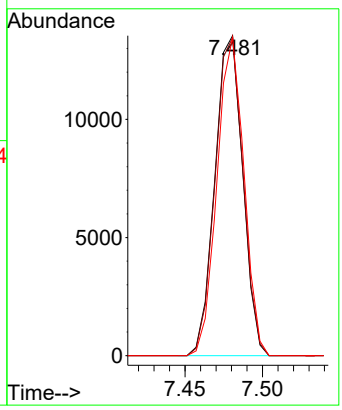




#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 1694

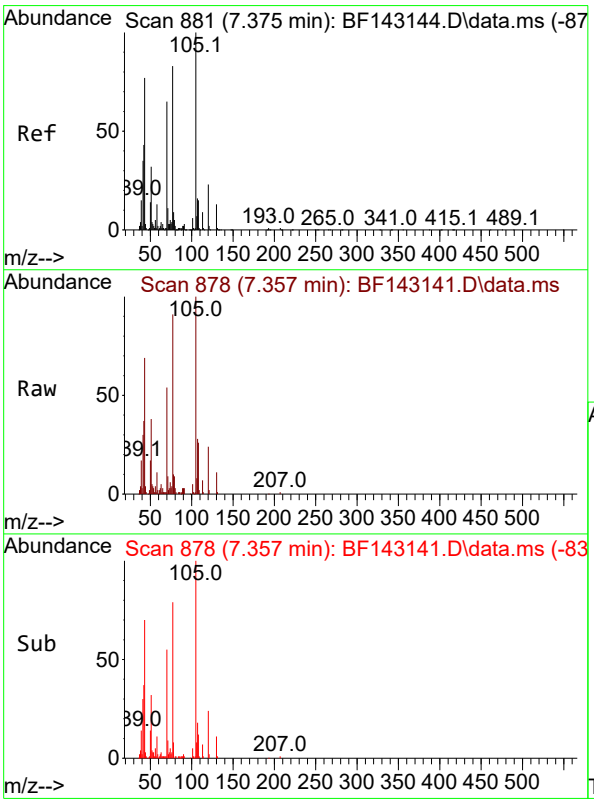
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8
201	99.6	77.0	115.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

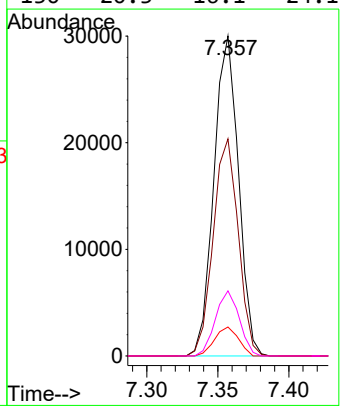
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

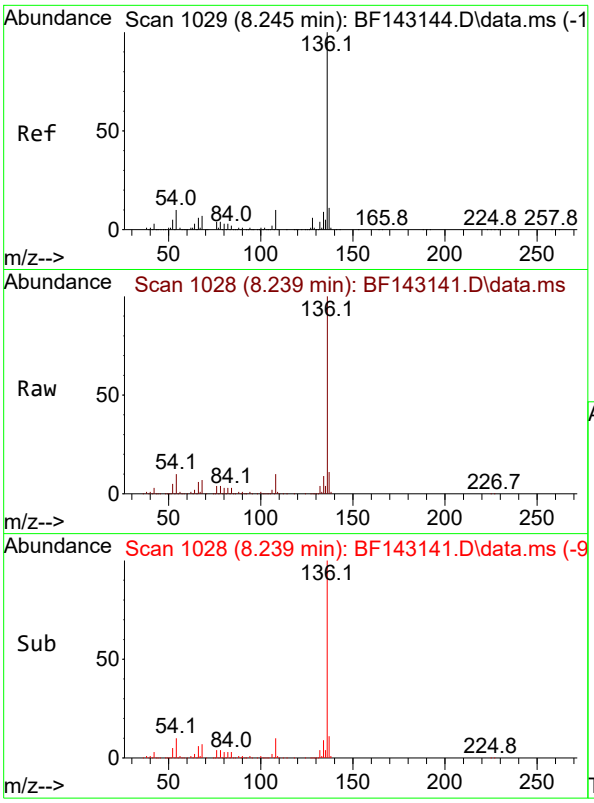


#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.0	7.6	11.4
130	20.3	16.1	24.1

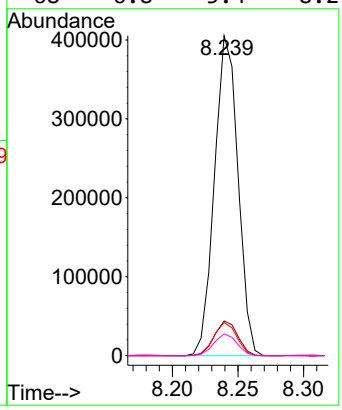




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:136 Resp: 50479

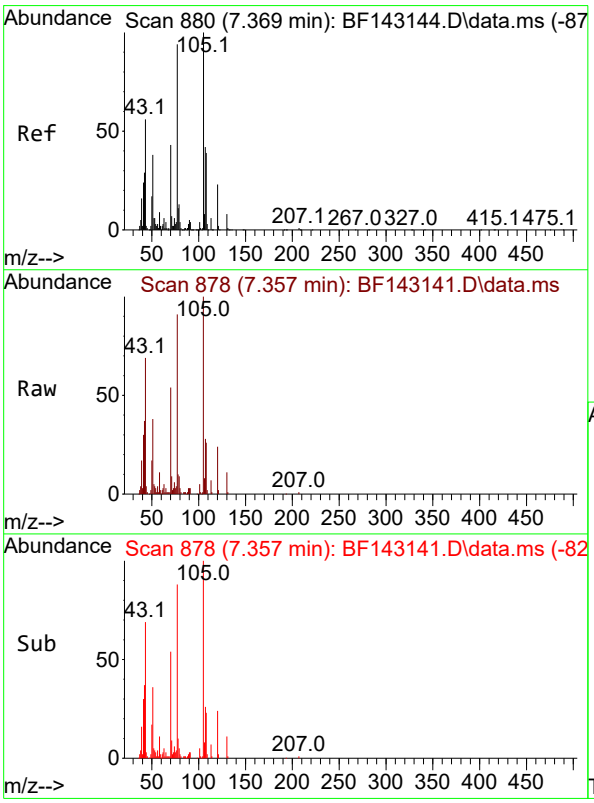
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

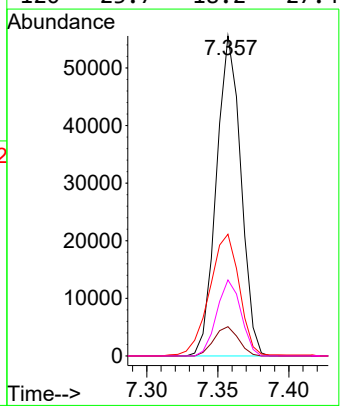
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

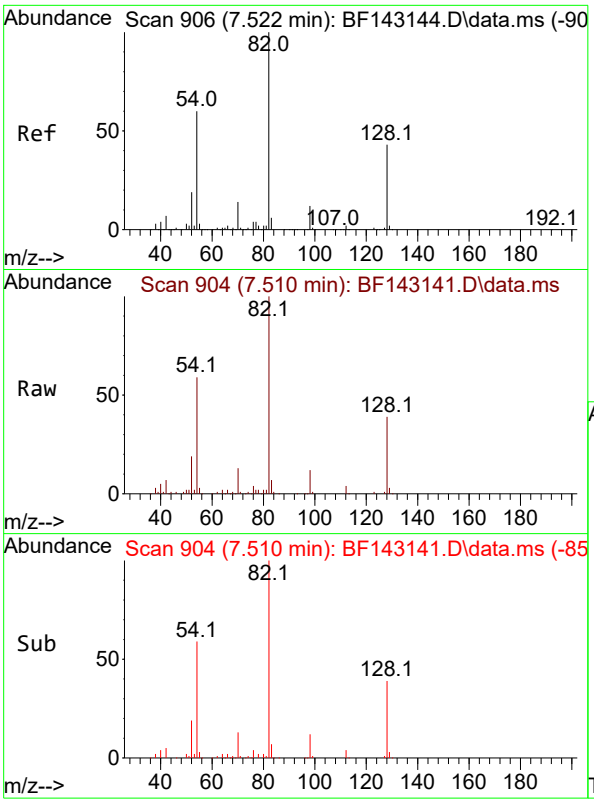


#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	38.1	30.2	45.2
120	23.7	18.2	27.4

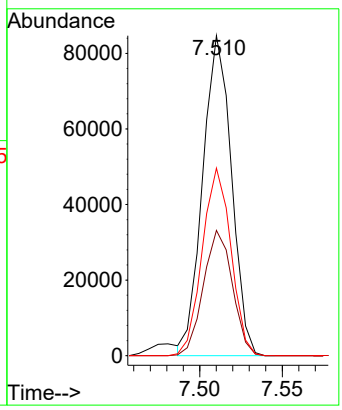




#23
Nitrobenzene-d5
Concen: 10.146 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 10274

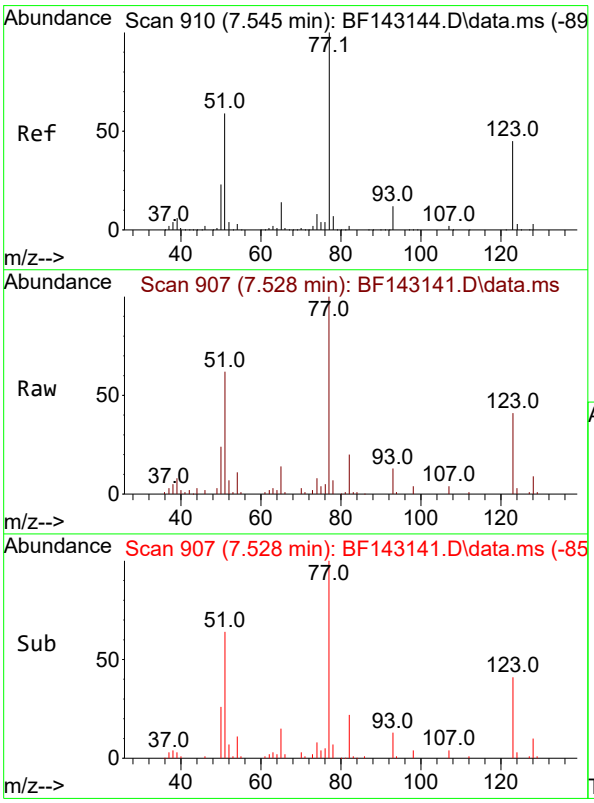
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.6	50.4
54	58.6	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

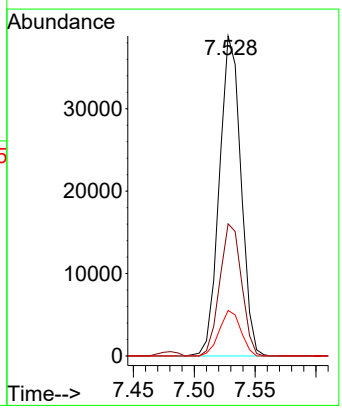
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

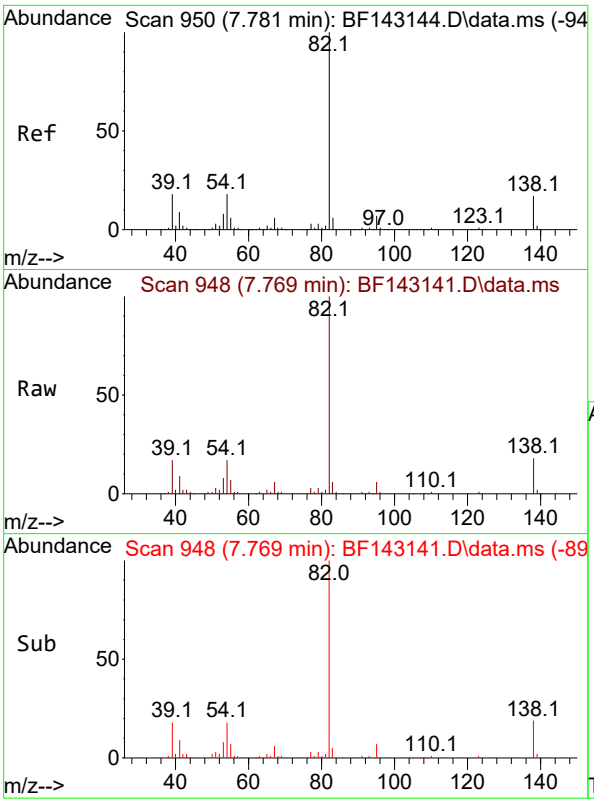


#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

Ion	Ratio	Lower	Upper
77	100		
123	41.3	36.1	54.1
65	14.2	11.4	17.2

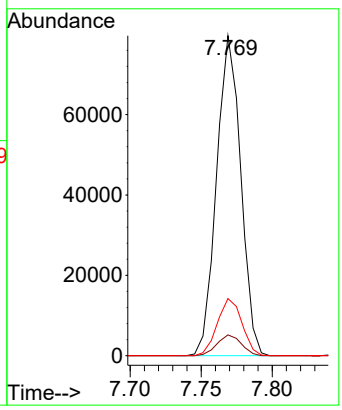




#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 9437

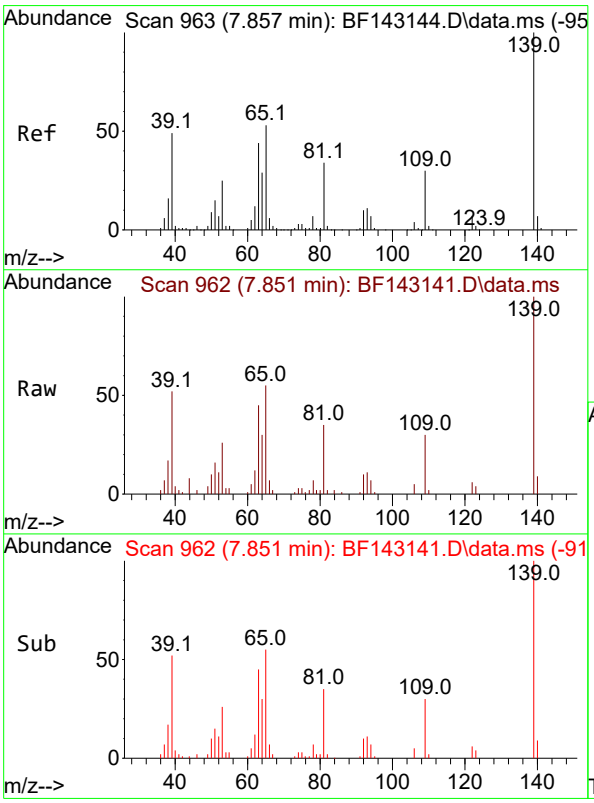
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.8	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

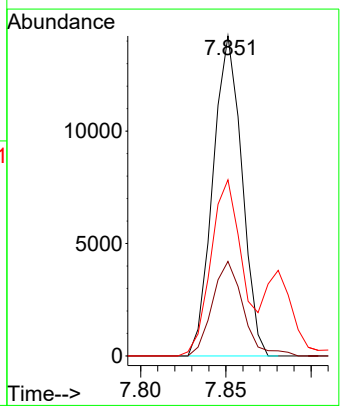
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

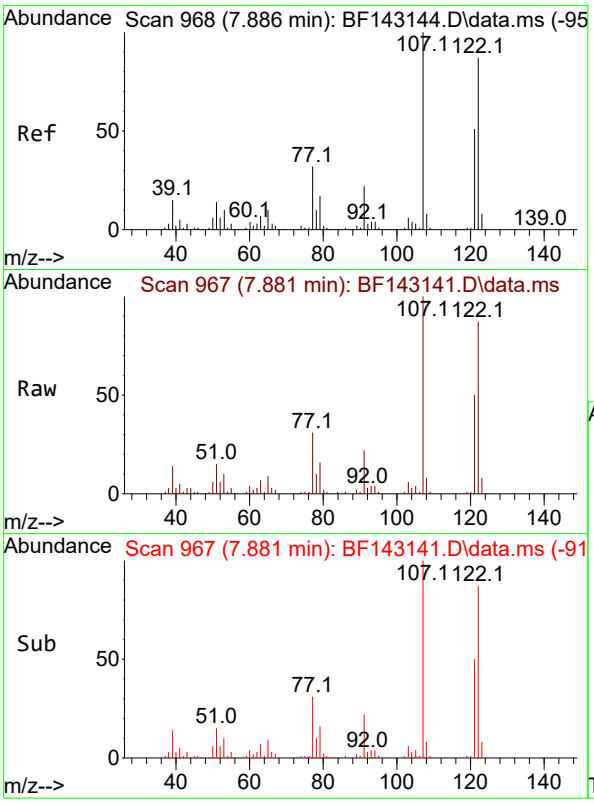


#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	55.0	42.6	64.0

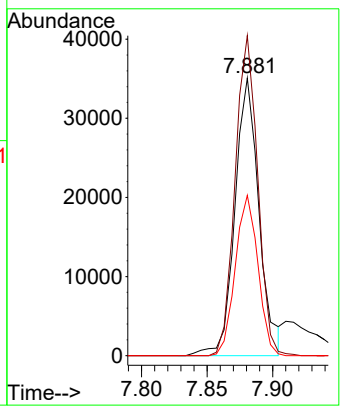




#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 4495

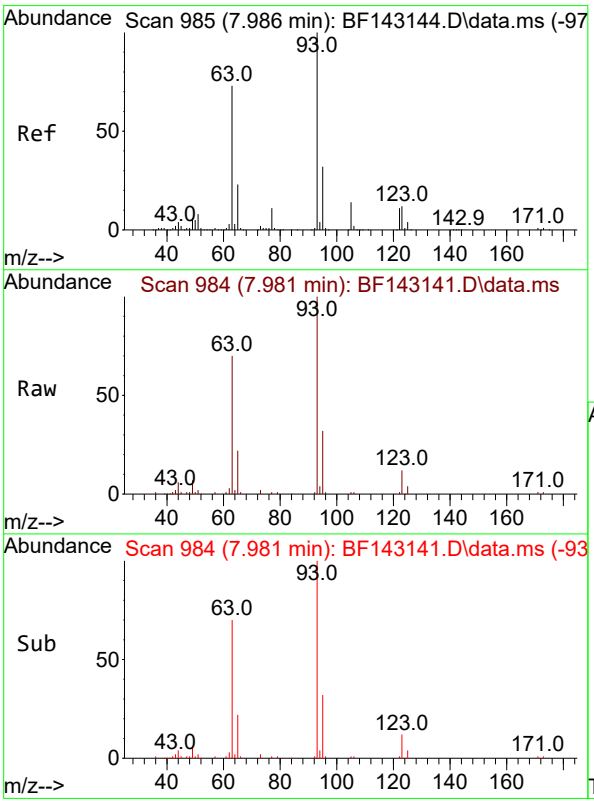
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

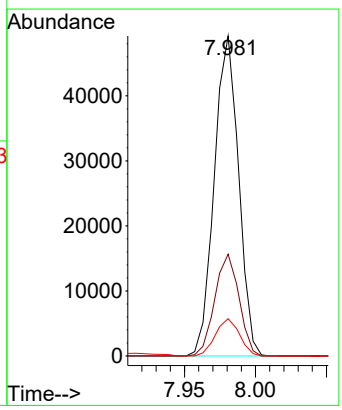
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

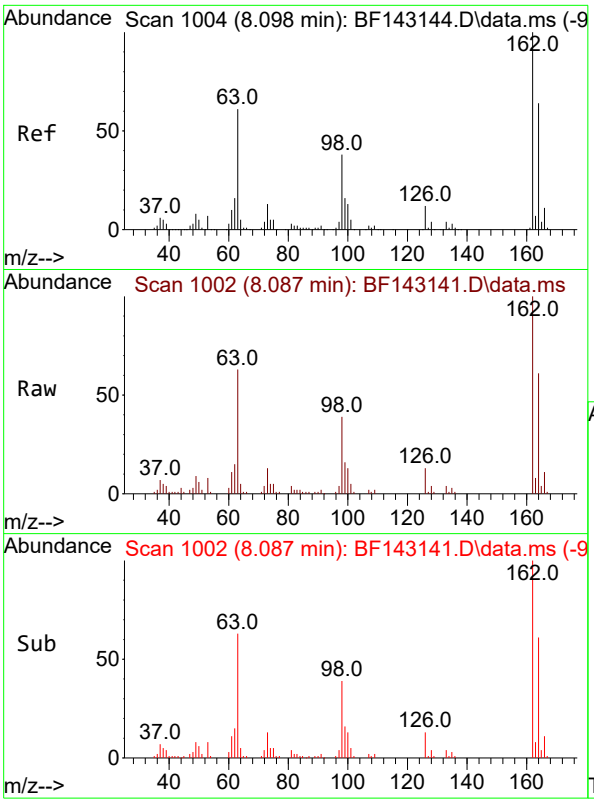


#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5

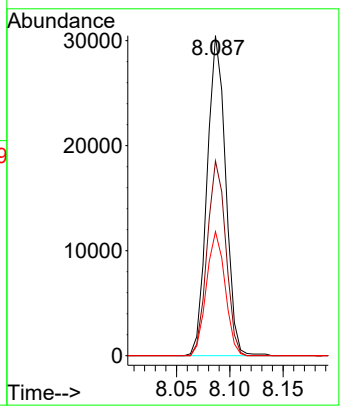




#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 3688

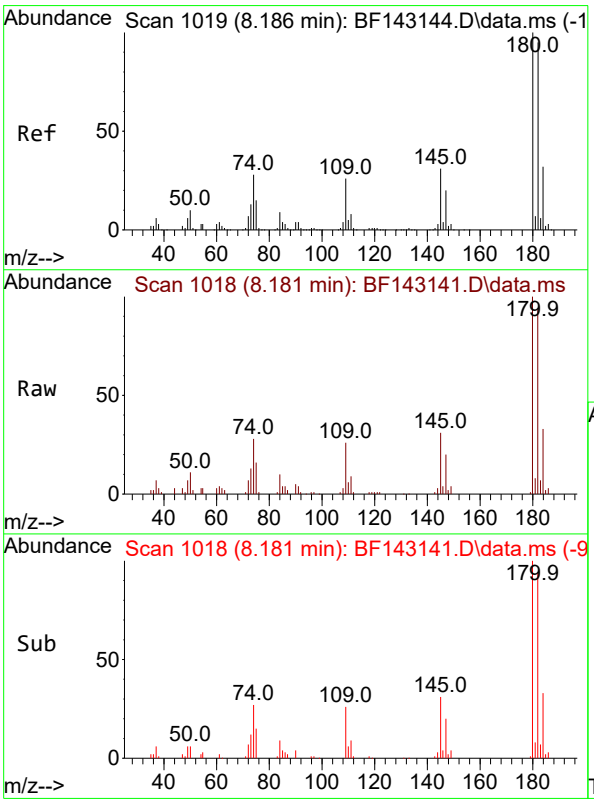
Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.2	84.2
98	38.7	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

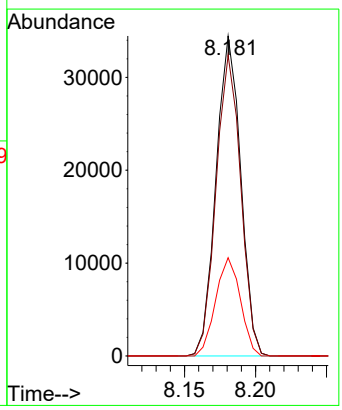
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

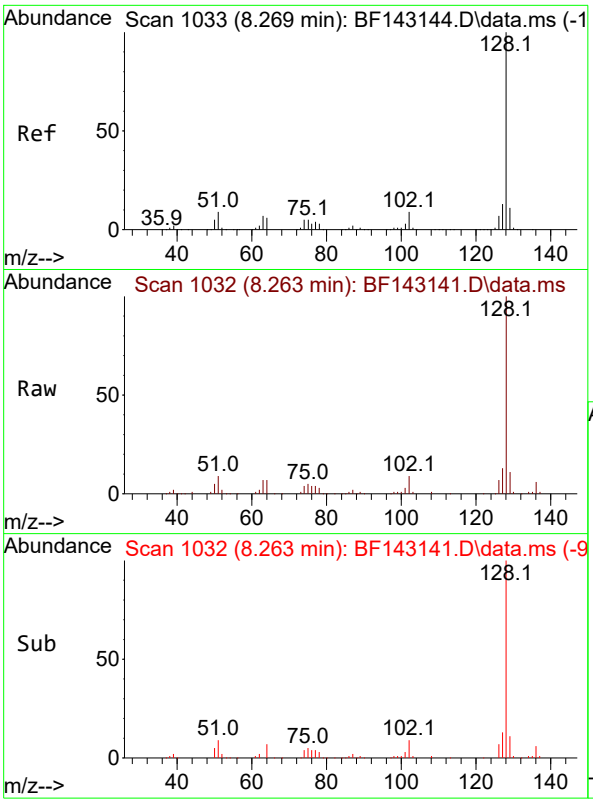


#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.7	25.0	37.6

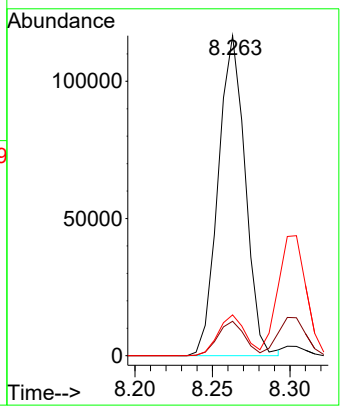




#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 14109

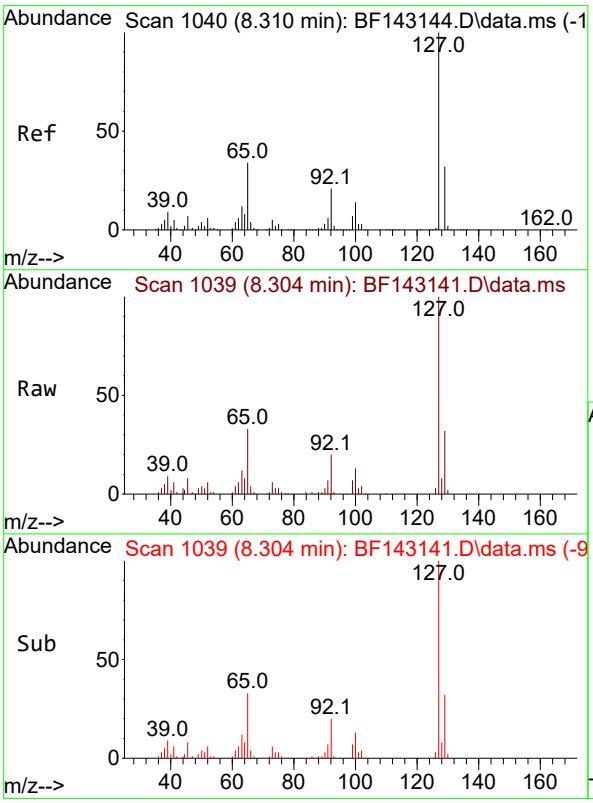
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

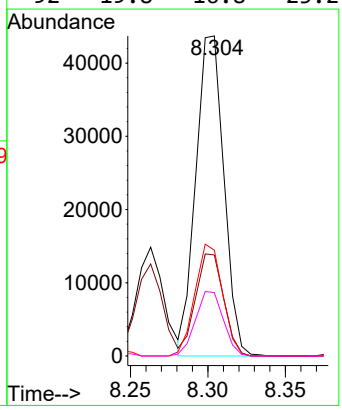
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

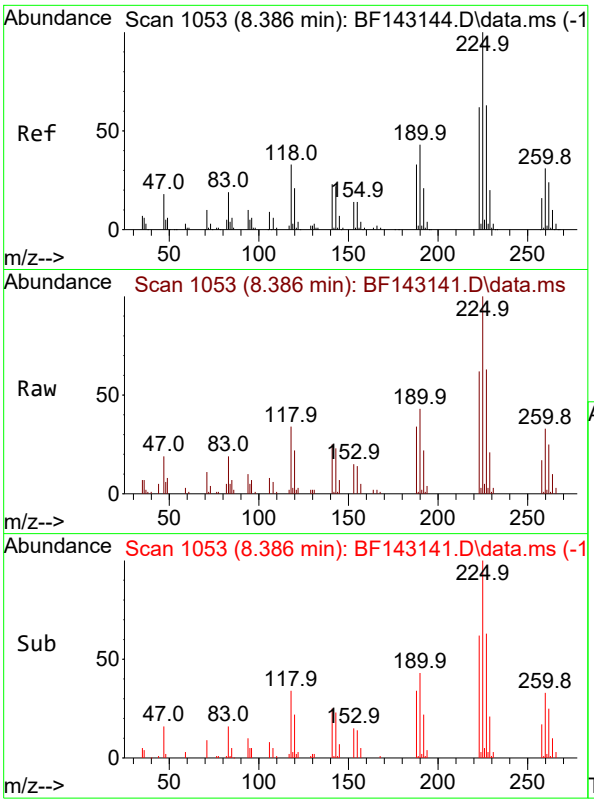


#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:127 Resp: 55130

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	33.0	27.4	41.2
92	19.8	16.8	25.2

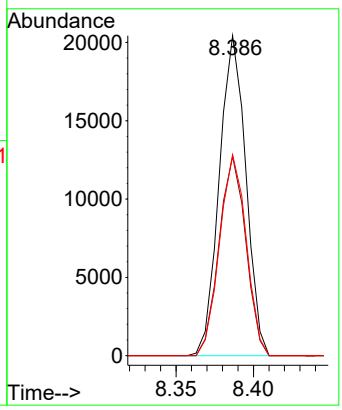




#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 2432

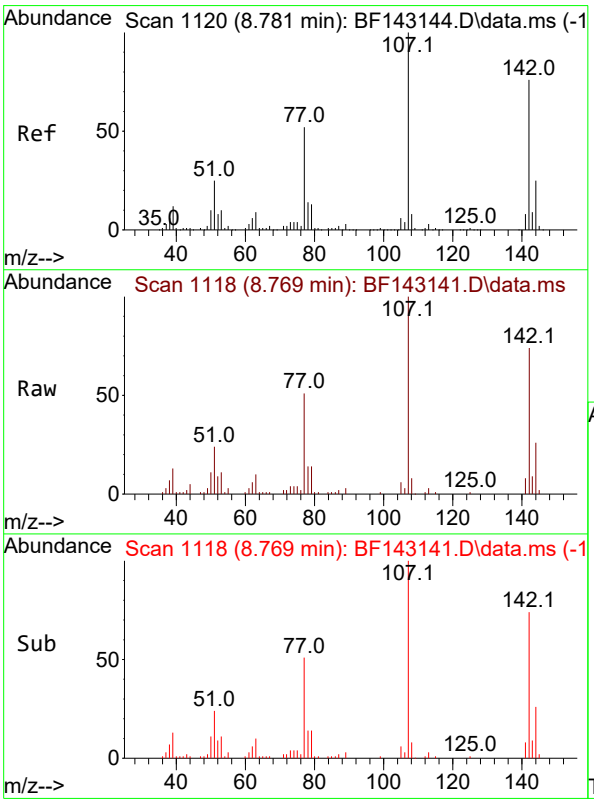
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.8	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

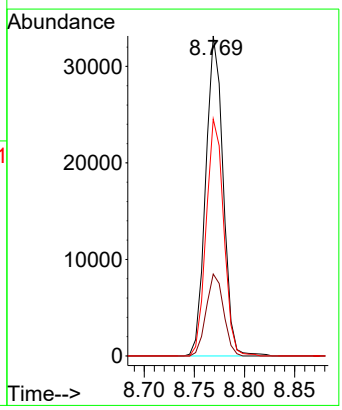
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

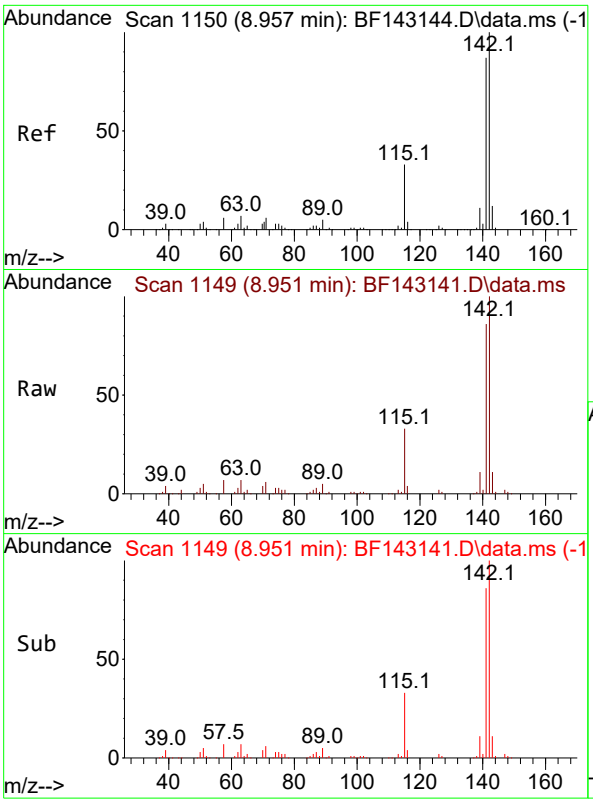


#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	60.6	90.8

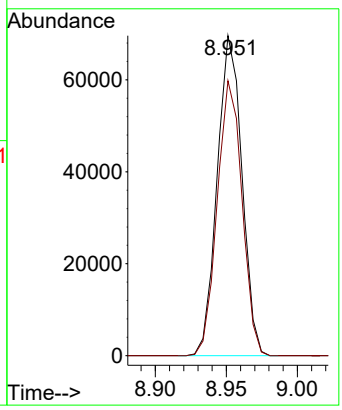




#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 8423

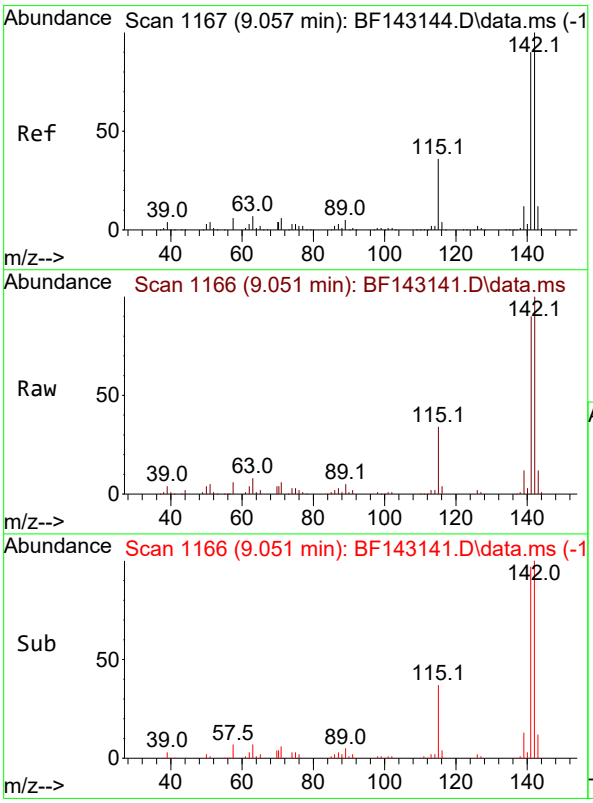
Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

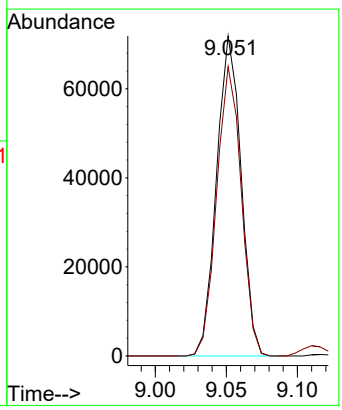
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

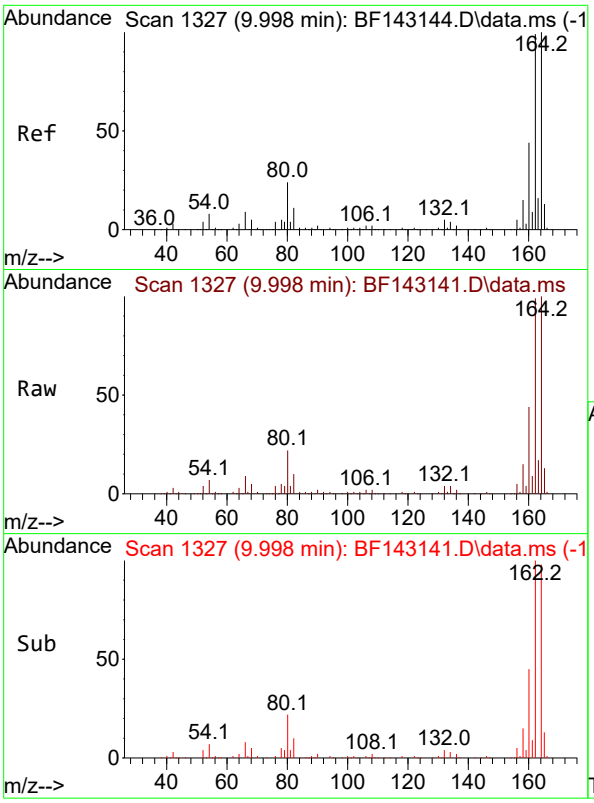


#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

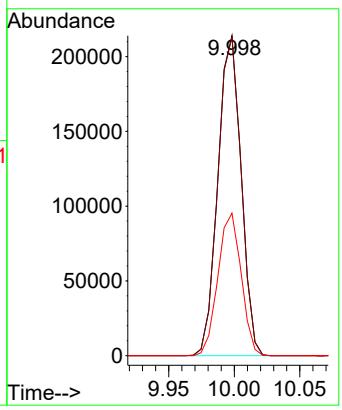




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:164 Resp: 263409

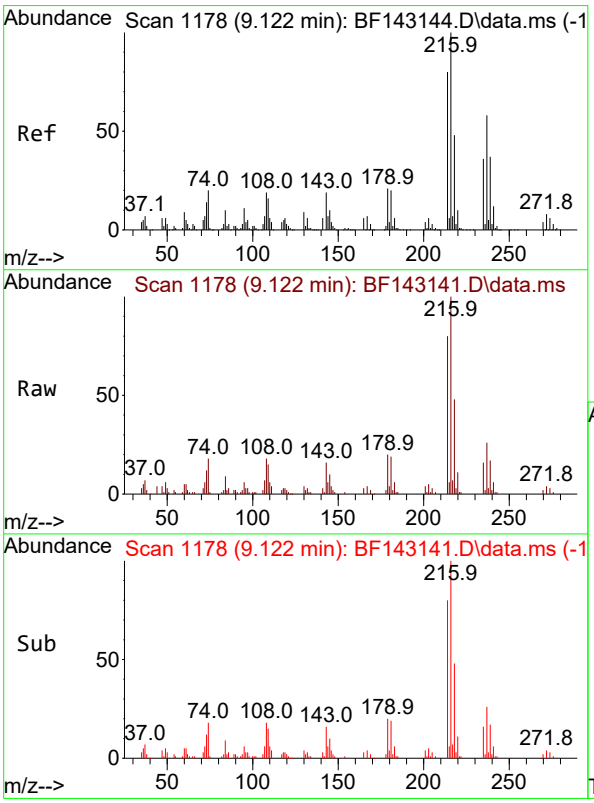
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

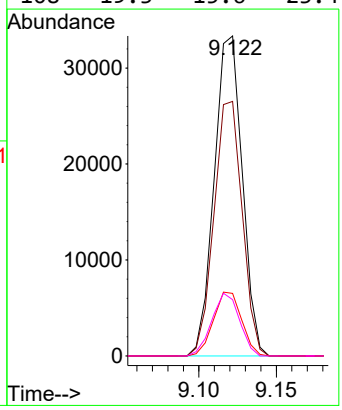
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

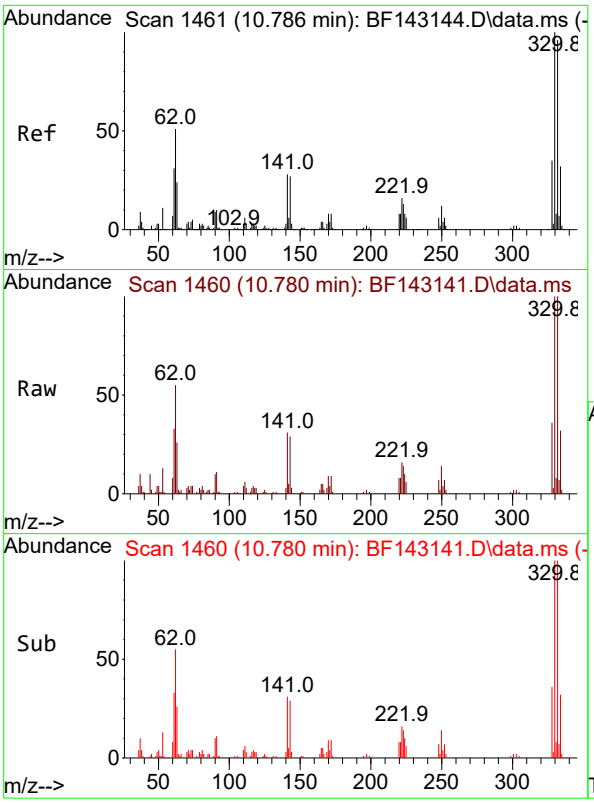


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.1	16.4	24.6
108	19.3	15.6	23.4

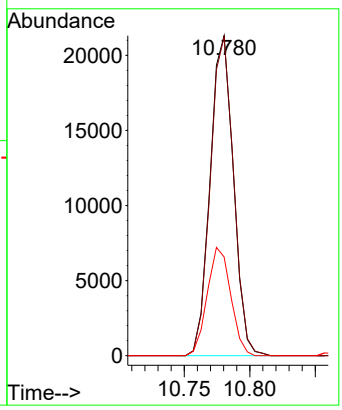




#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 2628

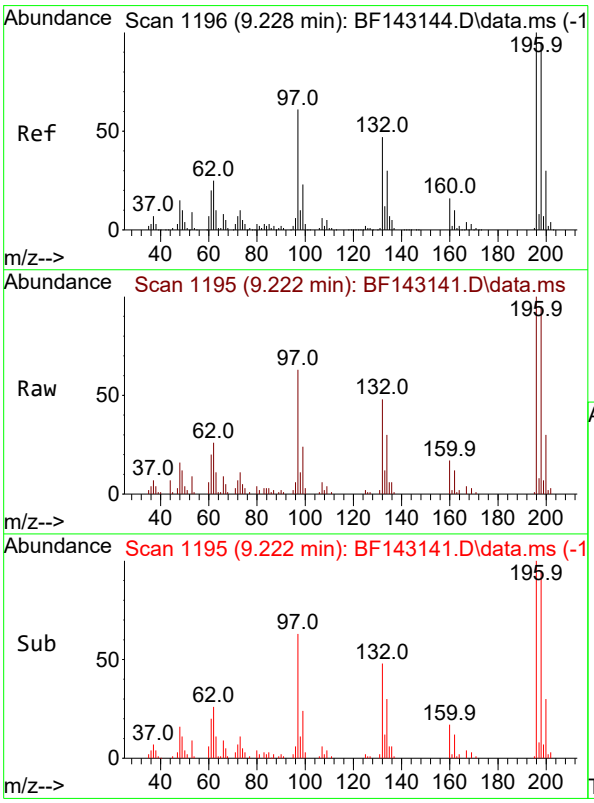
Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	34.3	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

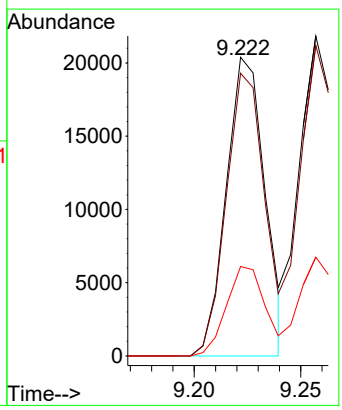
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

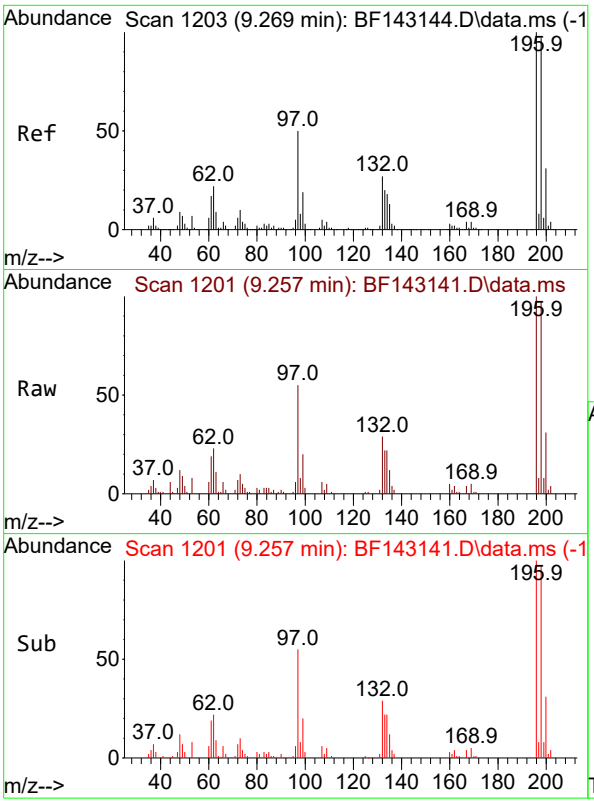


#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 25730

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
200	30.0	23.9	35.9

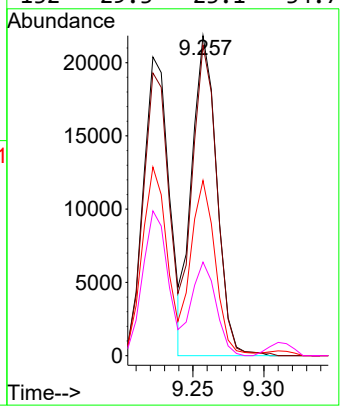




#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 2662

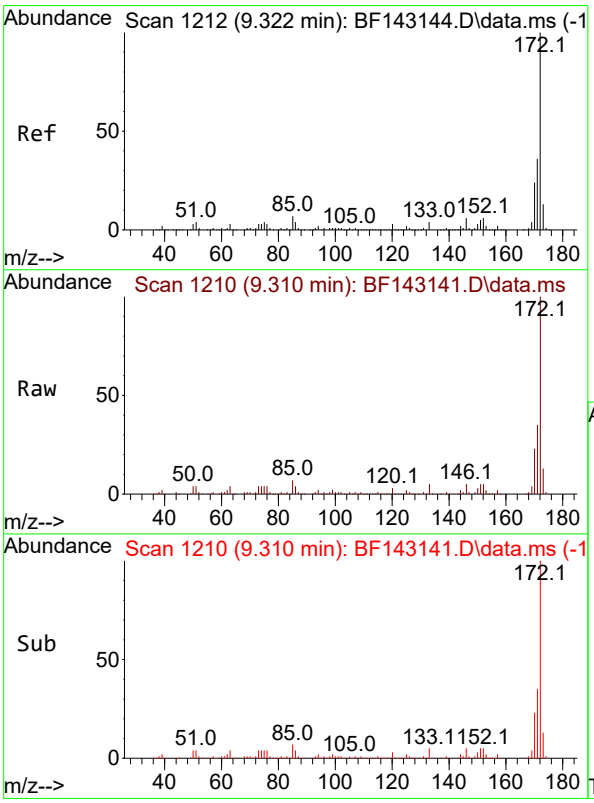
Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	54.7	40.3	60.5
132	29.3	23.1	34.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

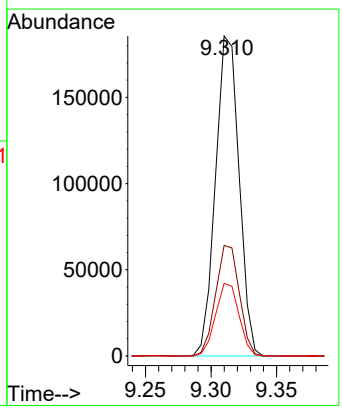
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

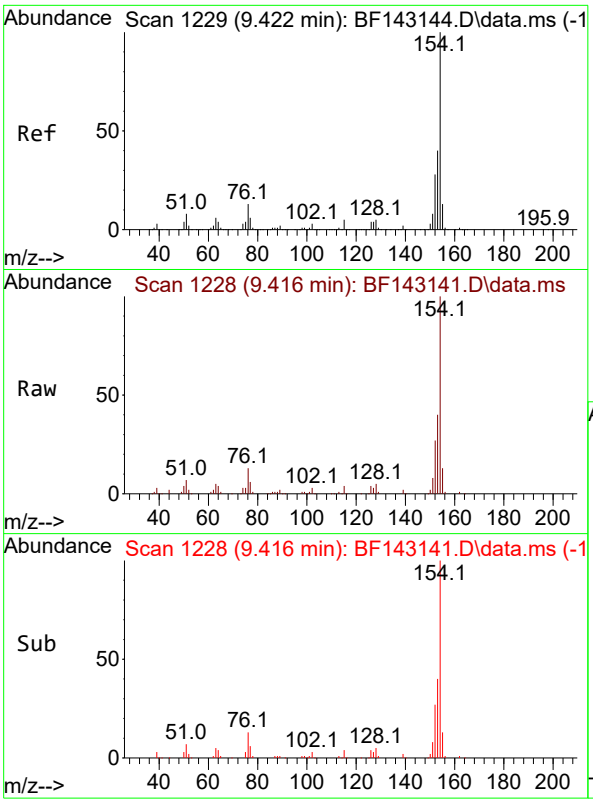


#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:172 Resp: 231962

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.8	28.2

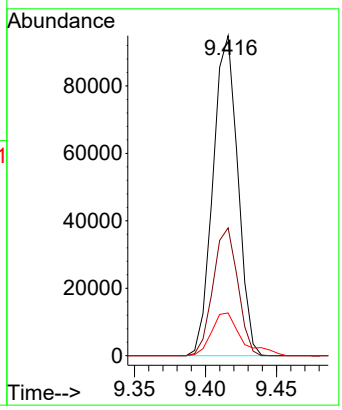




#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 11513

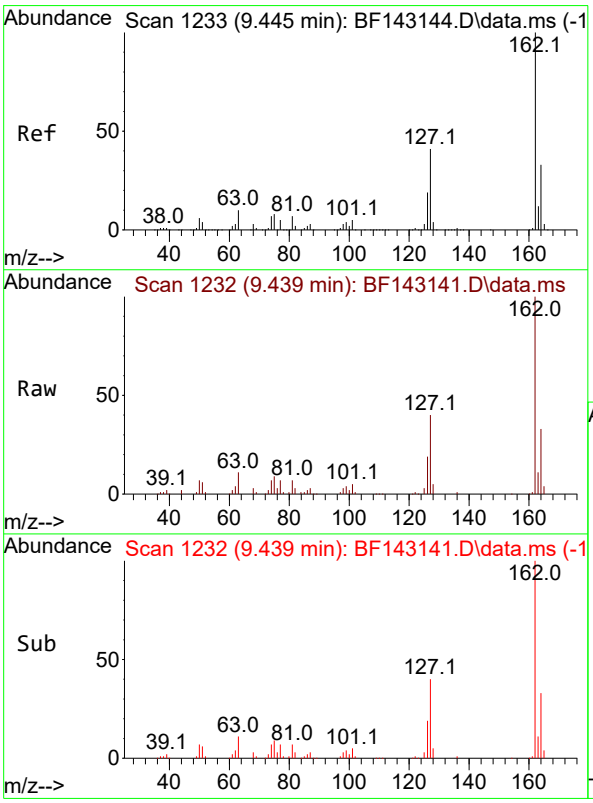
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.4	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

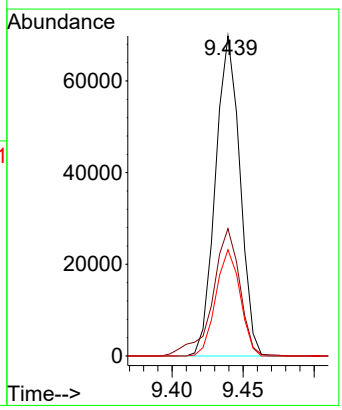
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

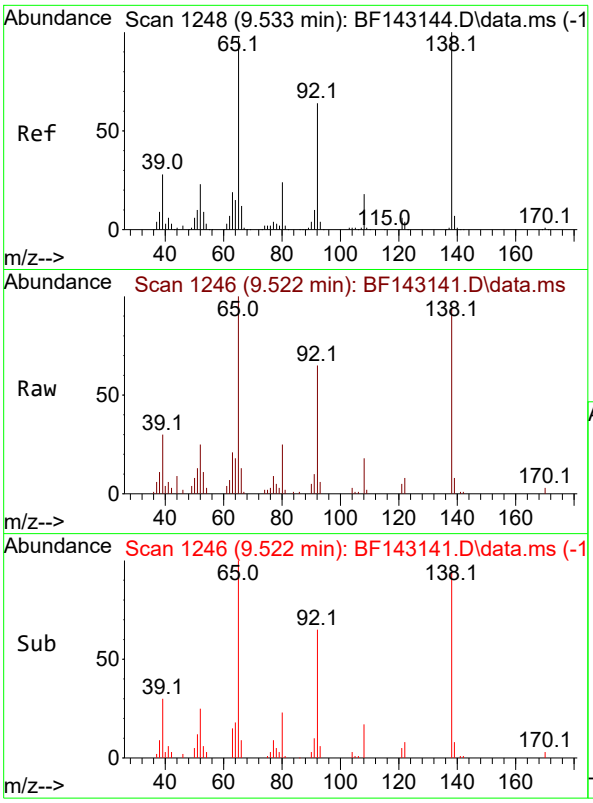


#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 83495

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.4	50.2
164	33.2	26.2	39.2

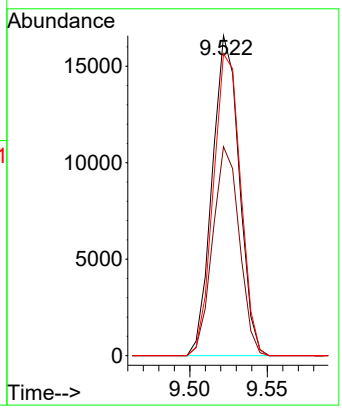




#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 2007

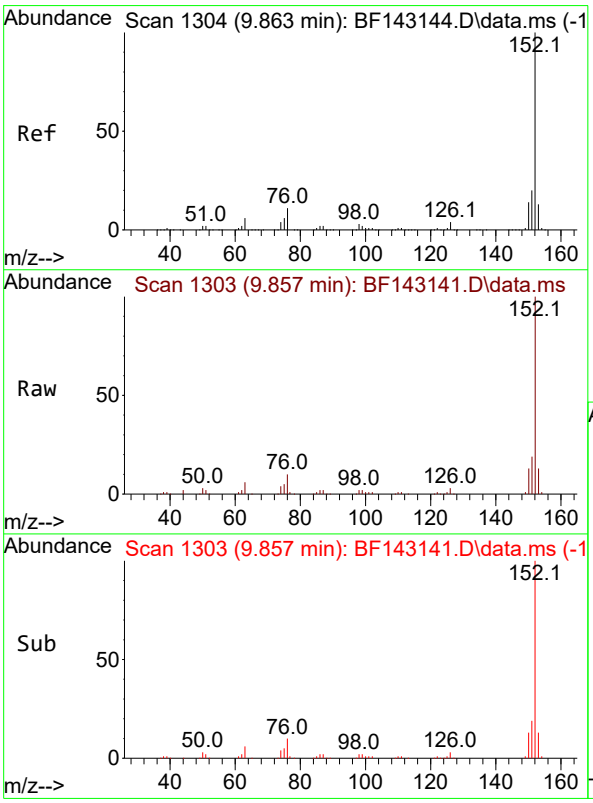
Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.4	78.6
138	94.3	82.3	123.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

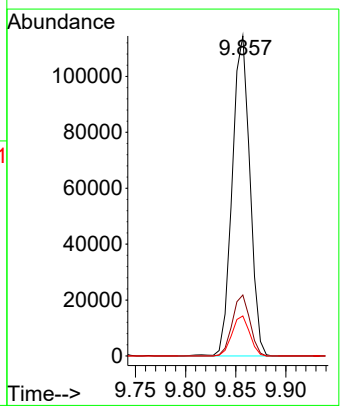
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

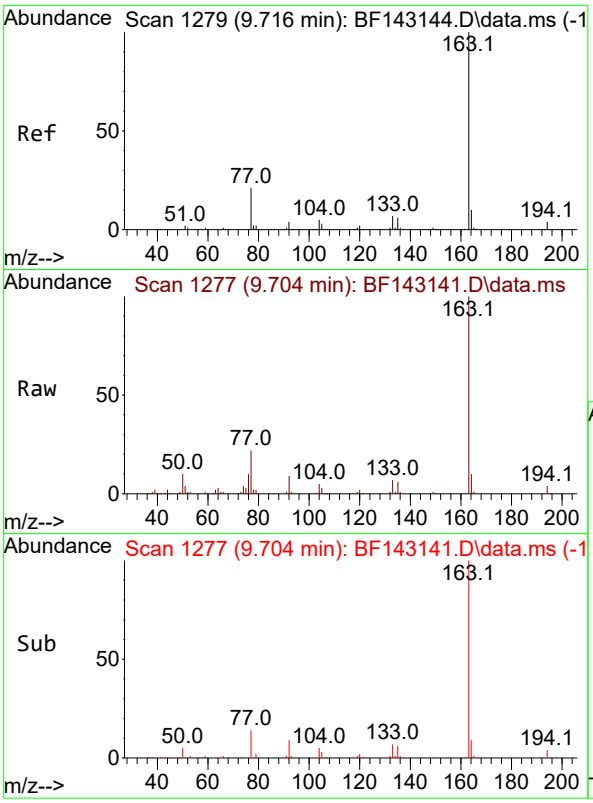


#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 140525

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.5	10.6	16.0





#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

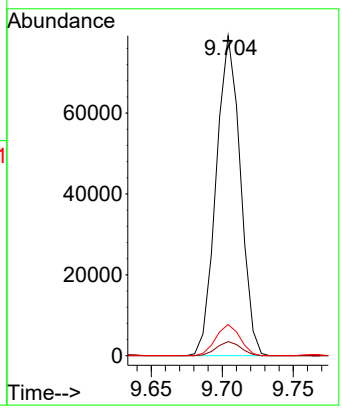
Tgt Ion:163 Resp: 9361

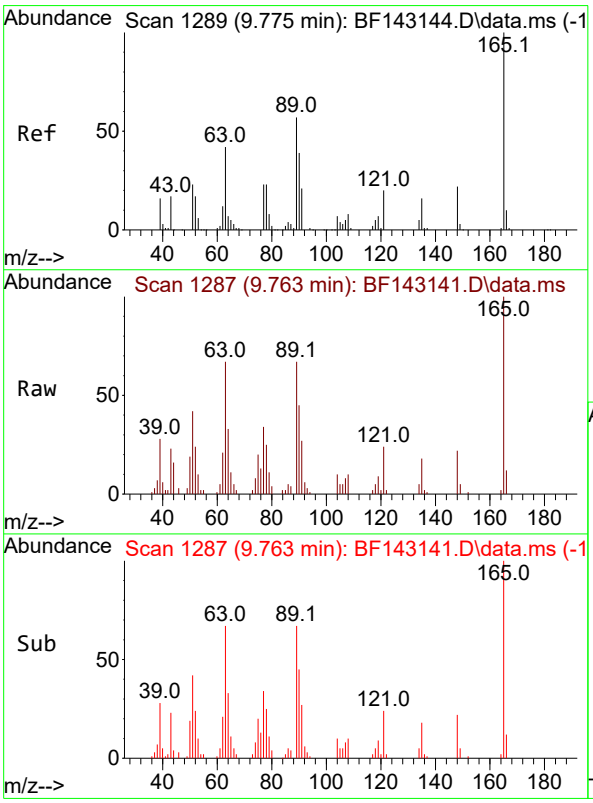
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

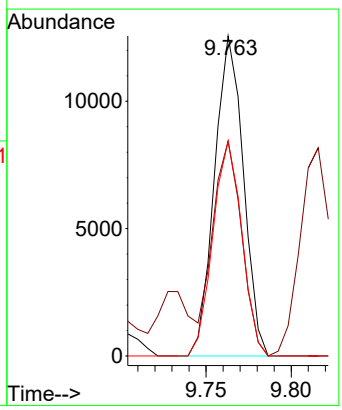


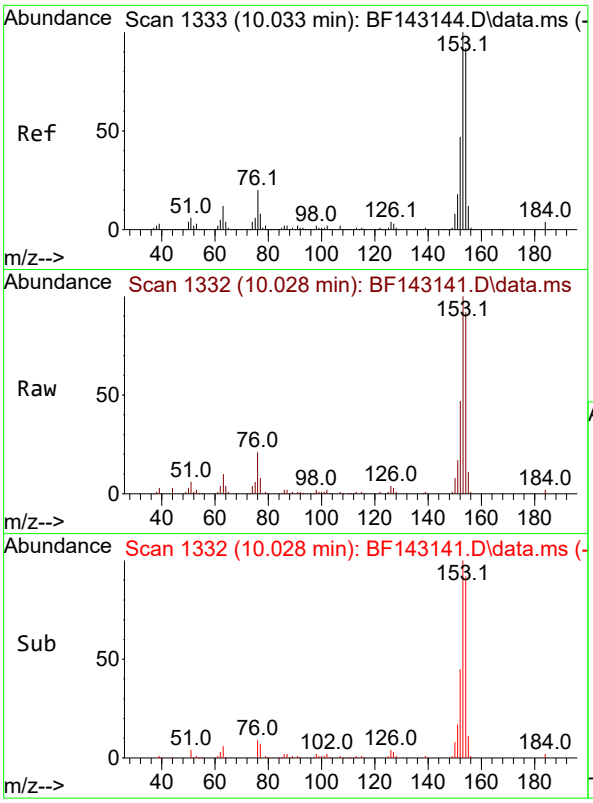


#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 14787

Ion	Ratio	Lower	Upper
165	100		
63	67.1	49.4	74.2
89	67.2	46.2	69.2

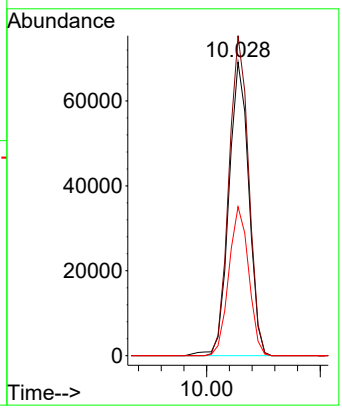




#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 8416

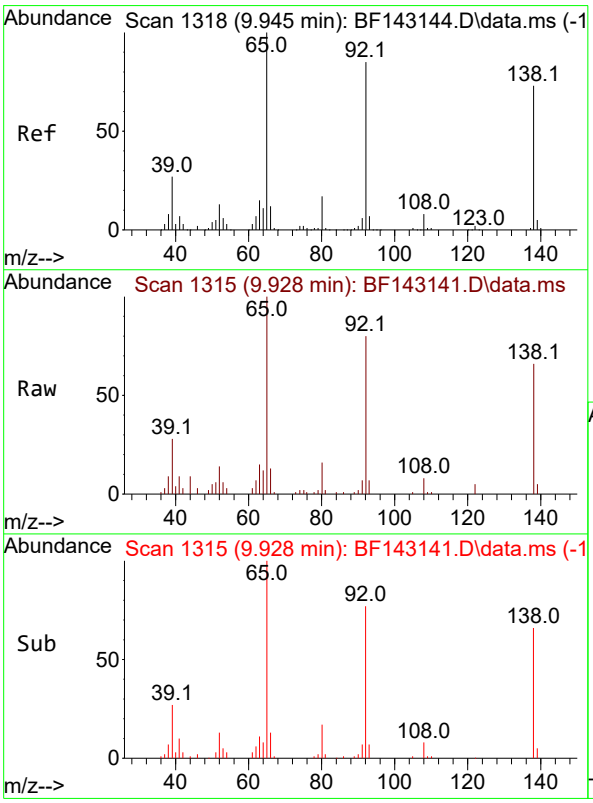
Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	50.7	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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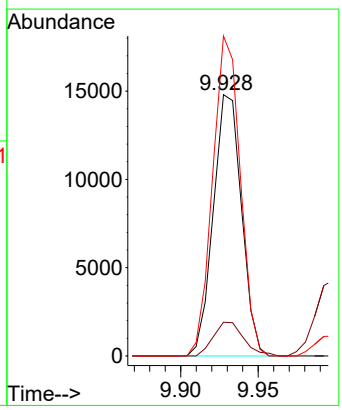
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

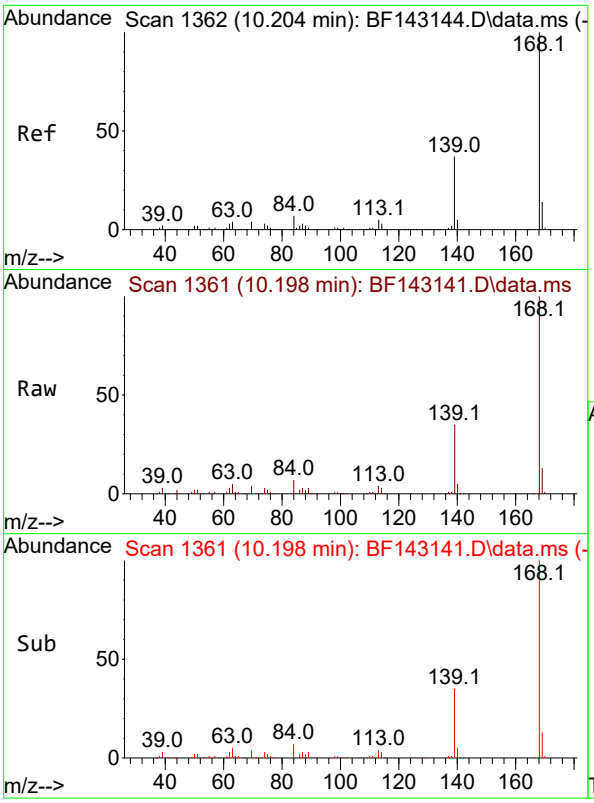


#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 18738

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.0	13.6
92	122.5	93.0	139.4

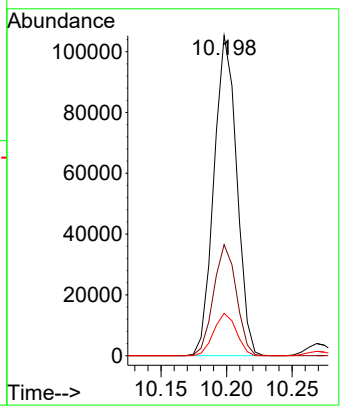




#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:168 Resp: 12703

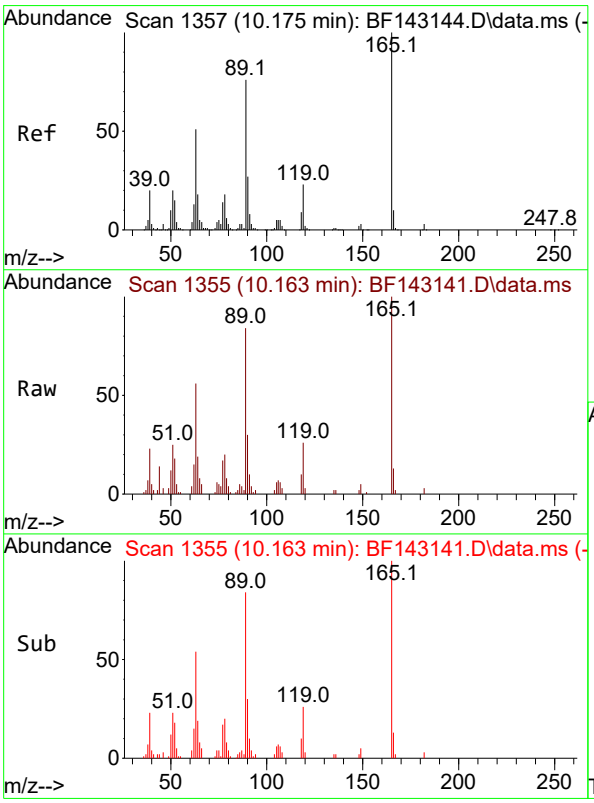
Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.5	44.3
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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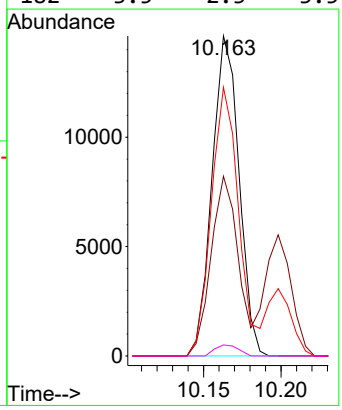
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

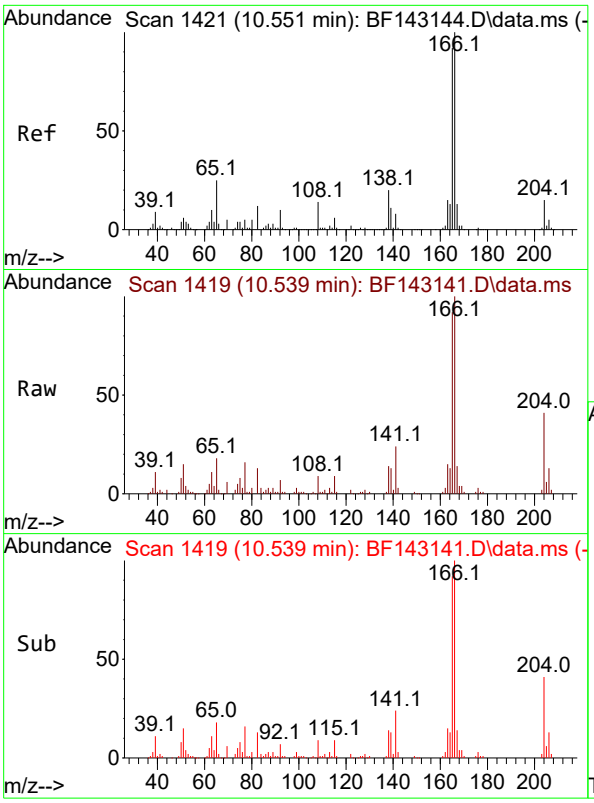


#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 17709

Ion	Ratio	Lower	Upper
165	100		
63	56.1	41.0	61.4
89	83.9	61.1	91.7
182	3.5	2.3	3.5

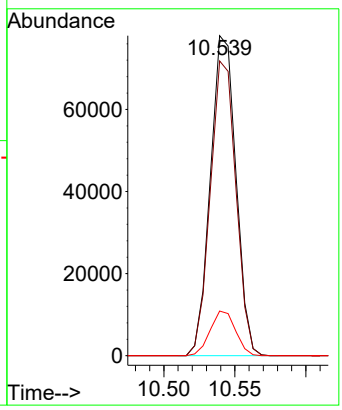




#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 9747

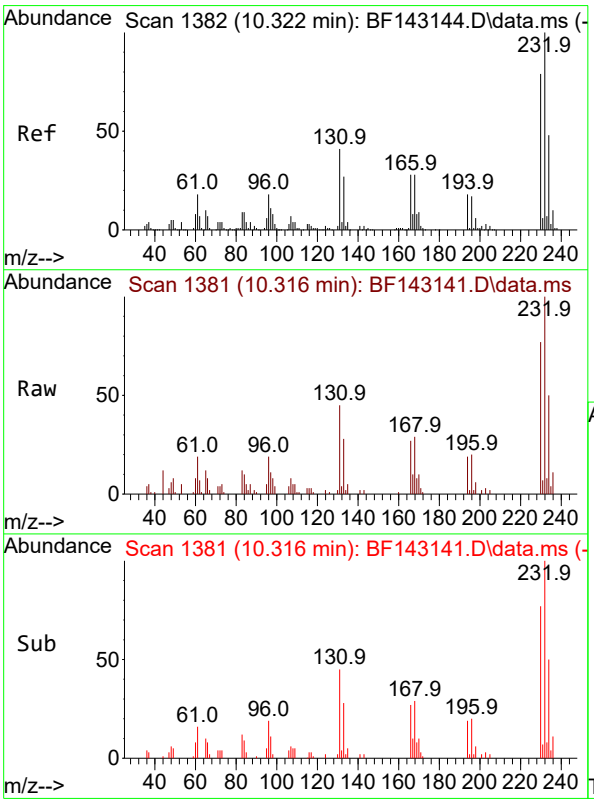
Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	14.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

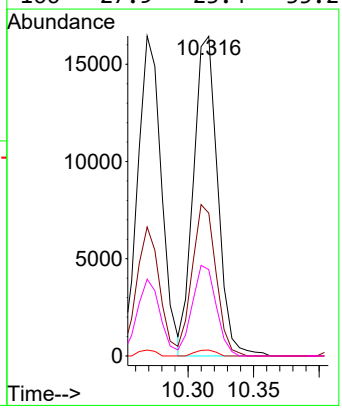
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

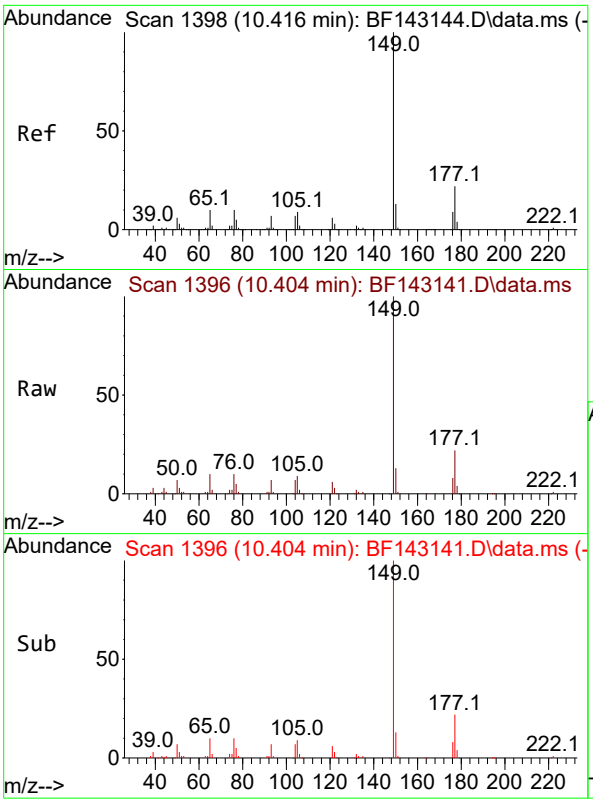


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:232 Resp: 21108

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.3	52.9
130	1.6	1.7	2.5#
166	27.9	23.4	35.2

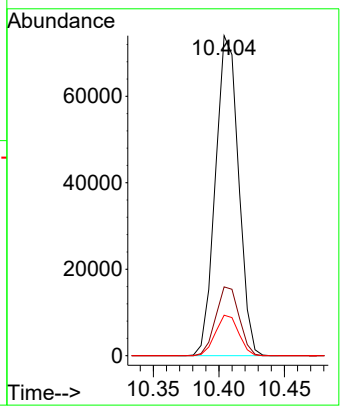




#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 9065

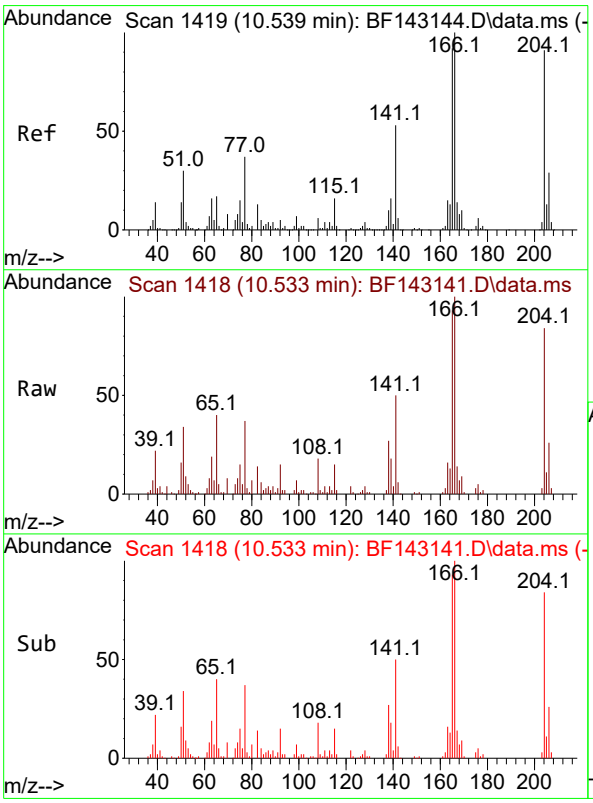
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

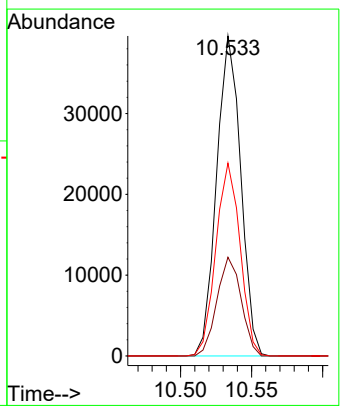
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

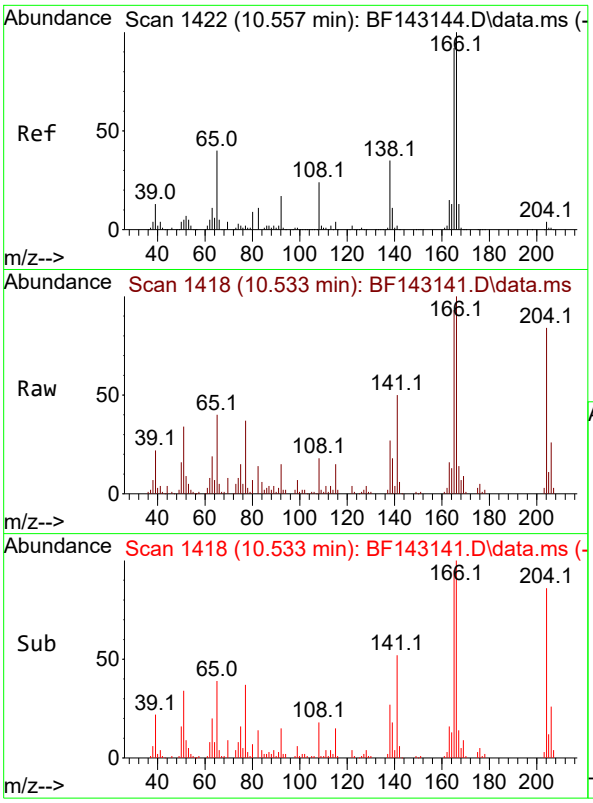


#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:204 Resp: 46747

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.8	38.8
141	60.2	47.0	70.4

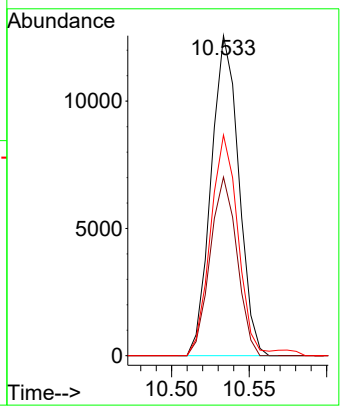




#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 1556

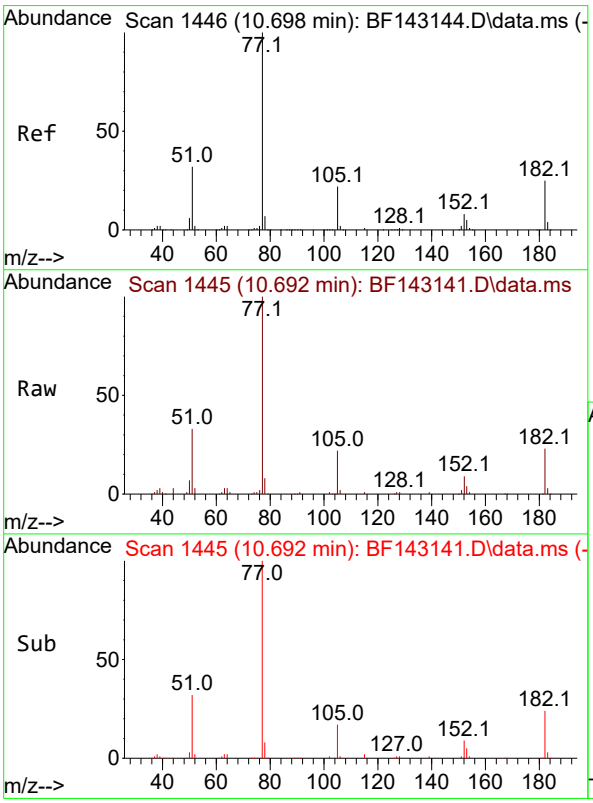
Ion	Ratio	Lower	Upper
138	100		
92	55.8	29.3	69.3
108	68.9	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

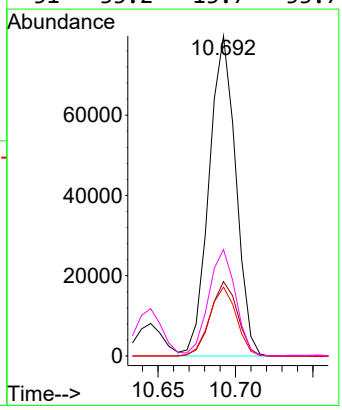
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

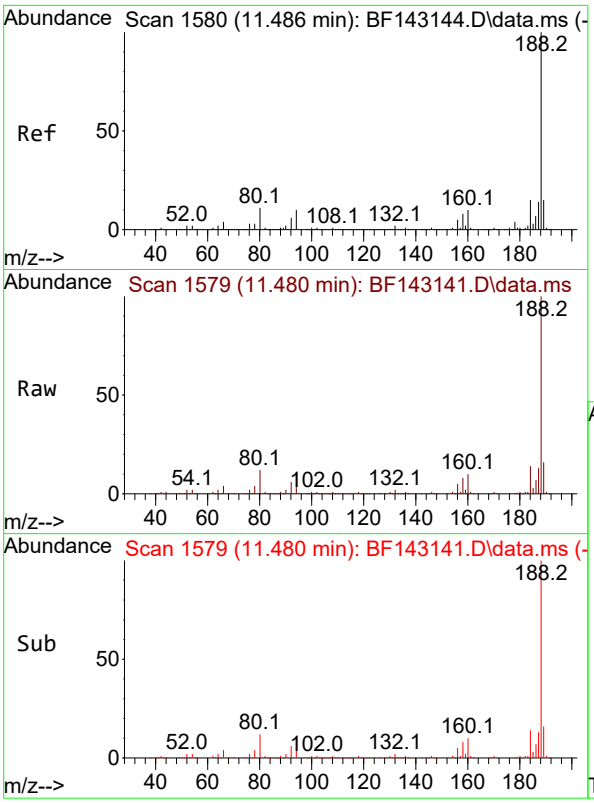


#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 95602

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	21.5	1.4	41.4
51	33.2	13.7	53.7

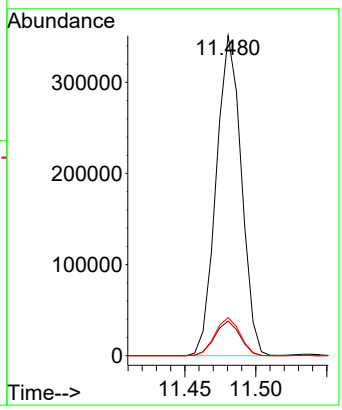




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 43232

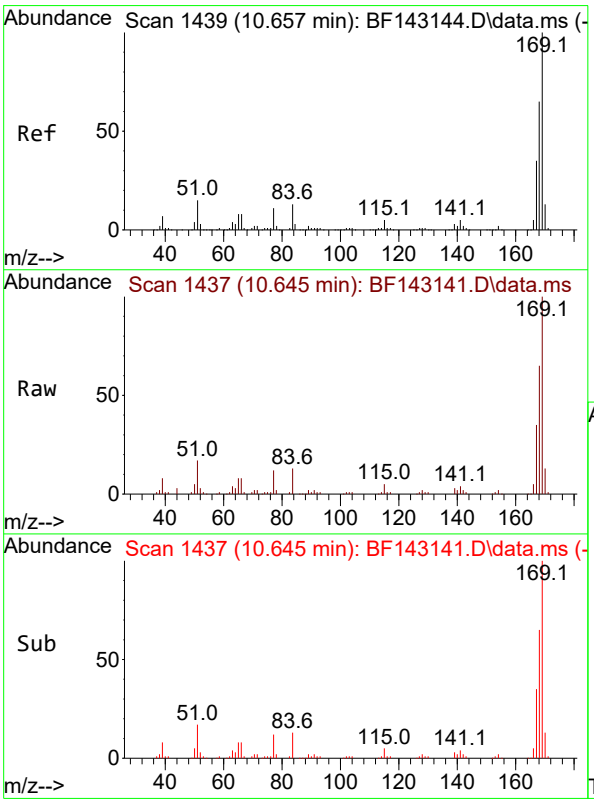
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

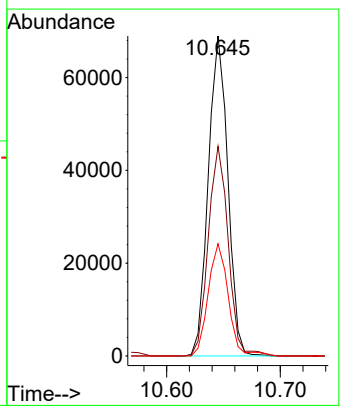
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

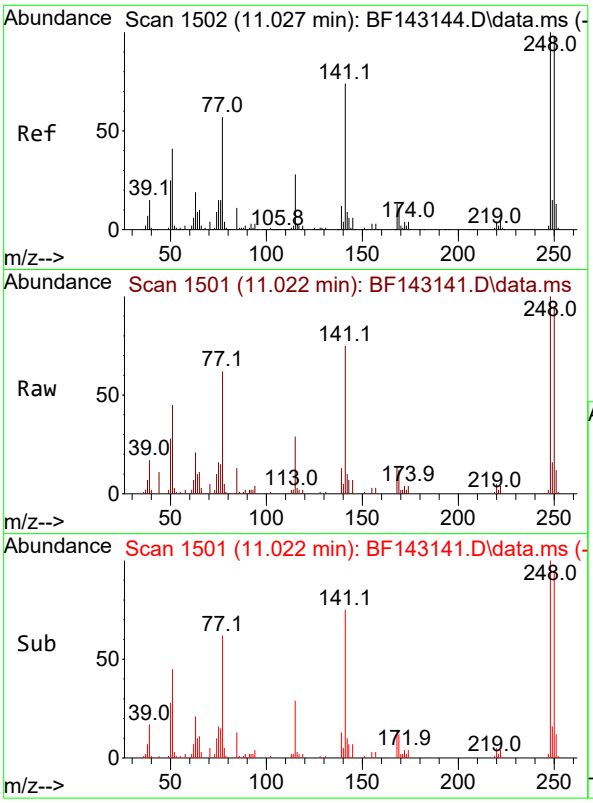


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.1	28.2	42.2

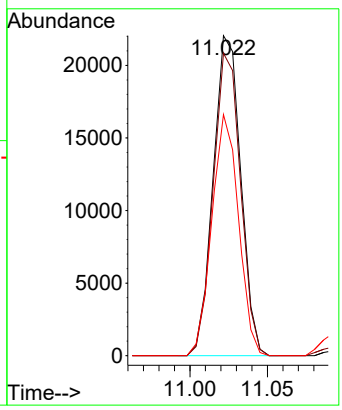




#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:248 Resp: 2725

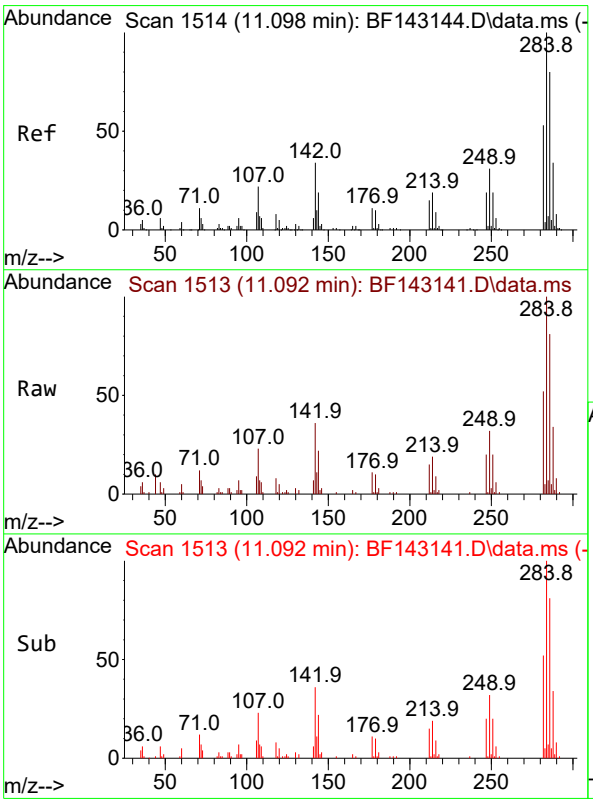
Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.3	117.5
141	75.4	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

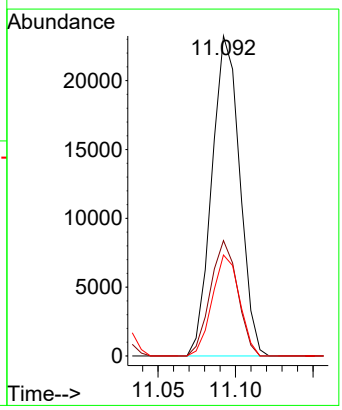
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

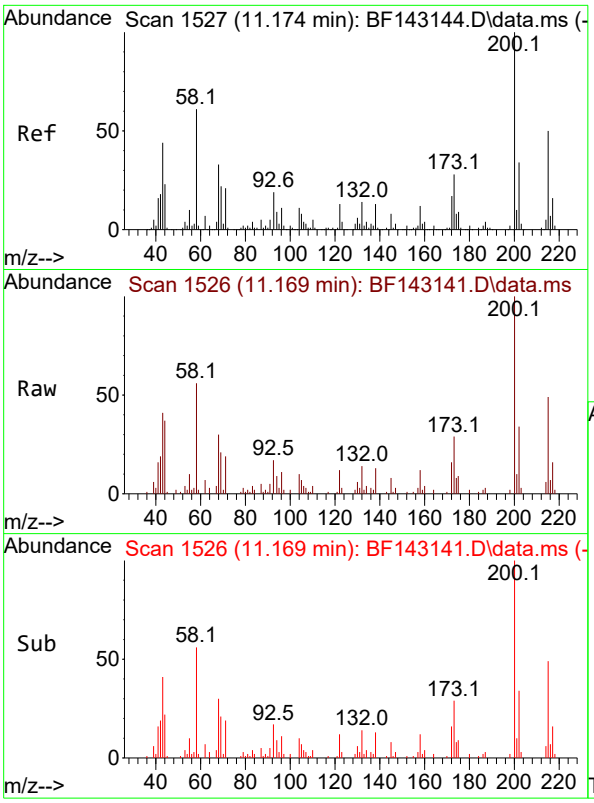


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.5	25.0	37.6

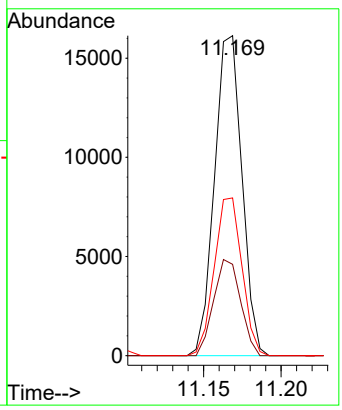




#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:200 Resp: 1986

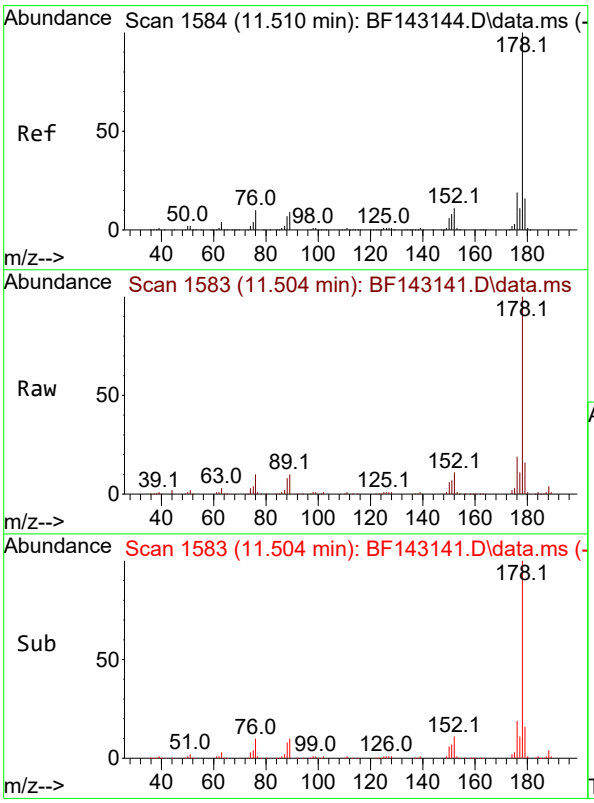
Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.3	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

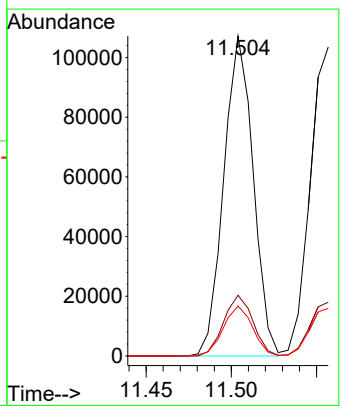
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

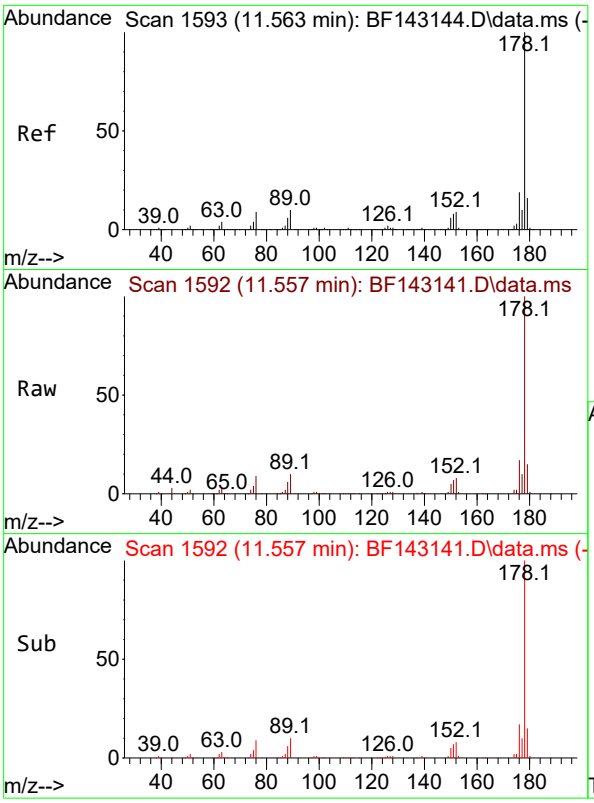


#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.5	18.7

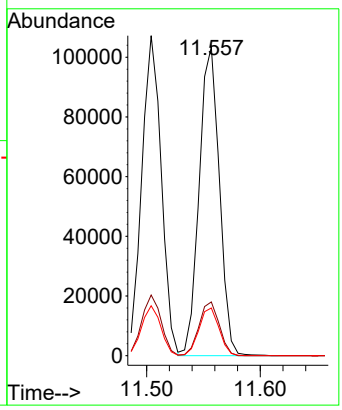




#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 12793

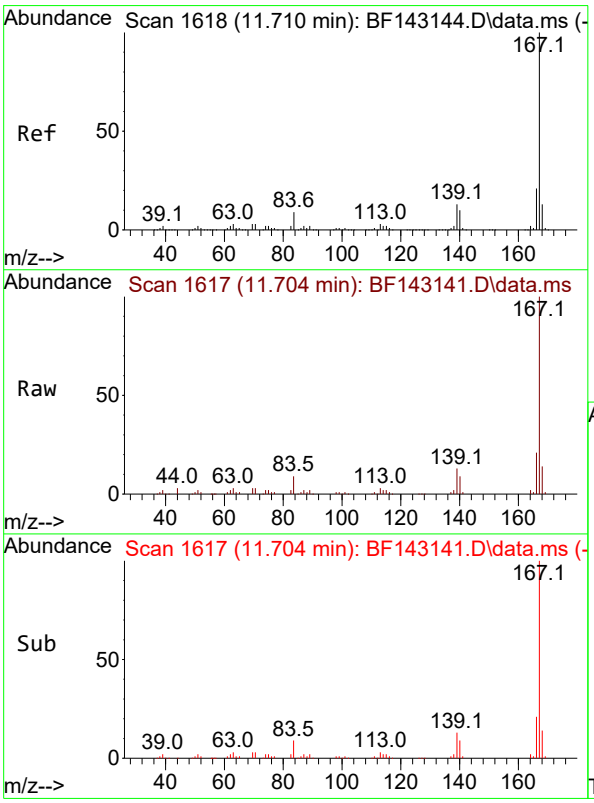
Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

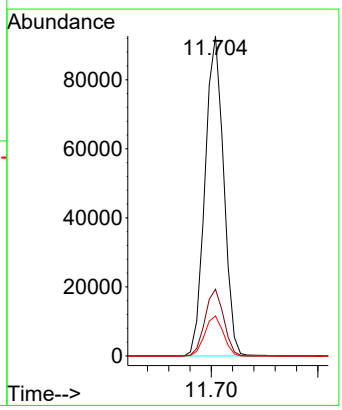
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

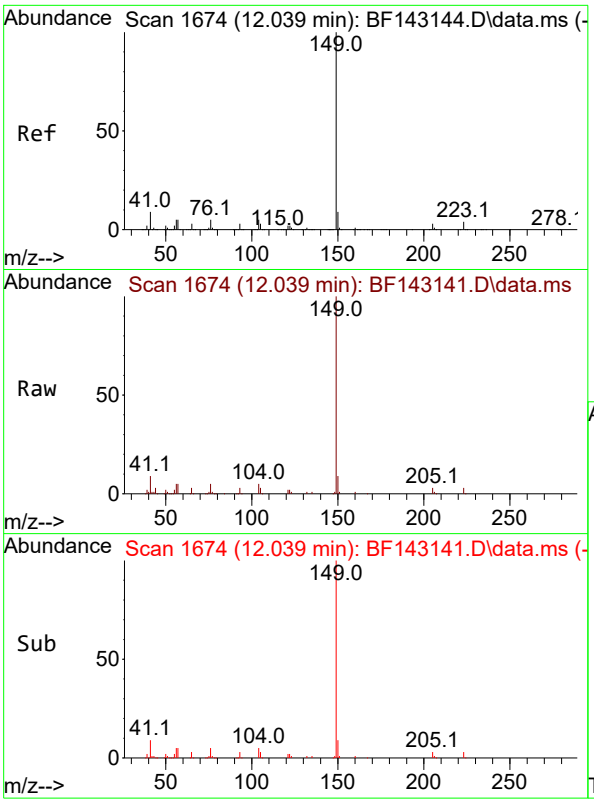


#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:167 Resp: 112588

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.0	15.0

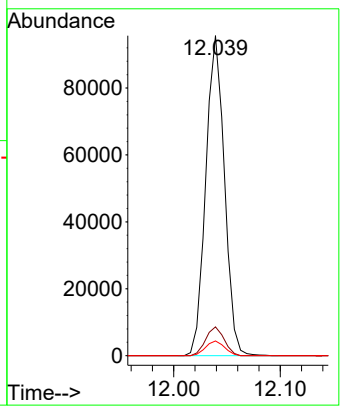




#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

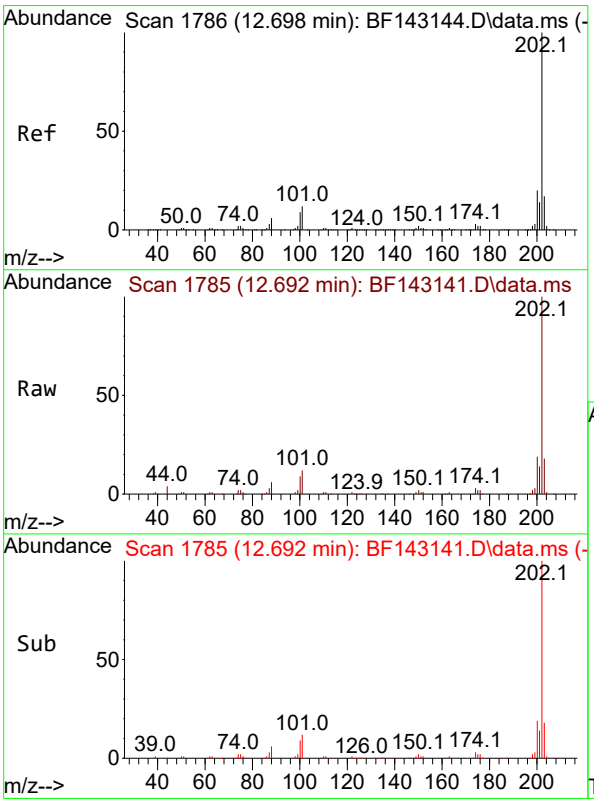
Tgt Ion:149 Resp: 11629

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

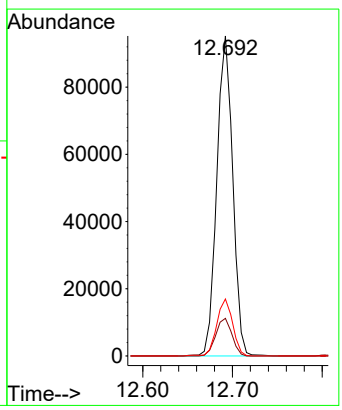
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

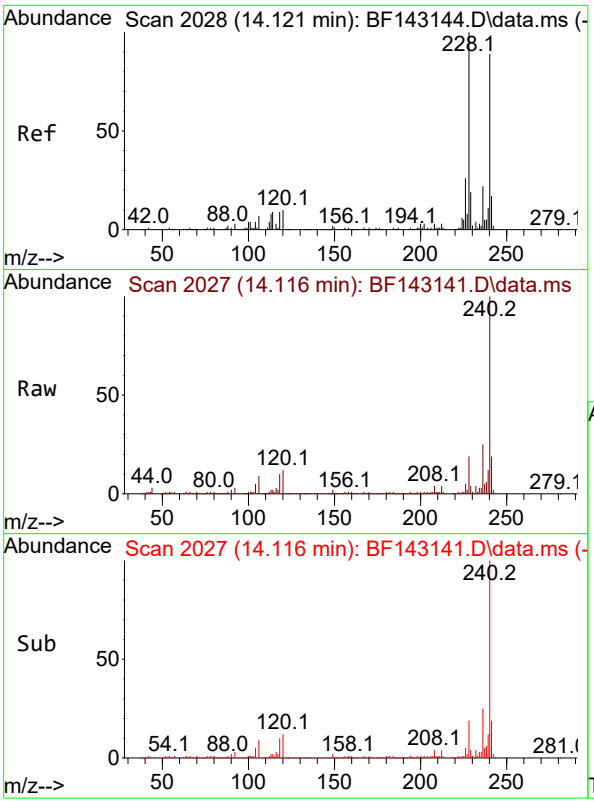


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 117249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.8	0.0	37.4

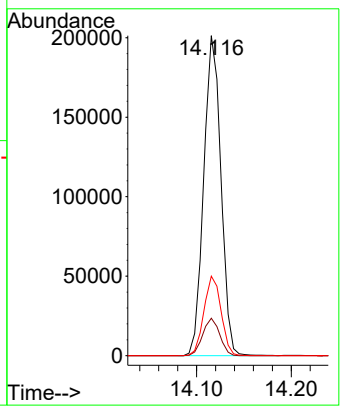




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 25300

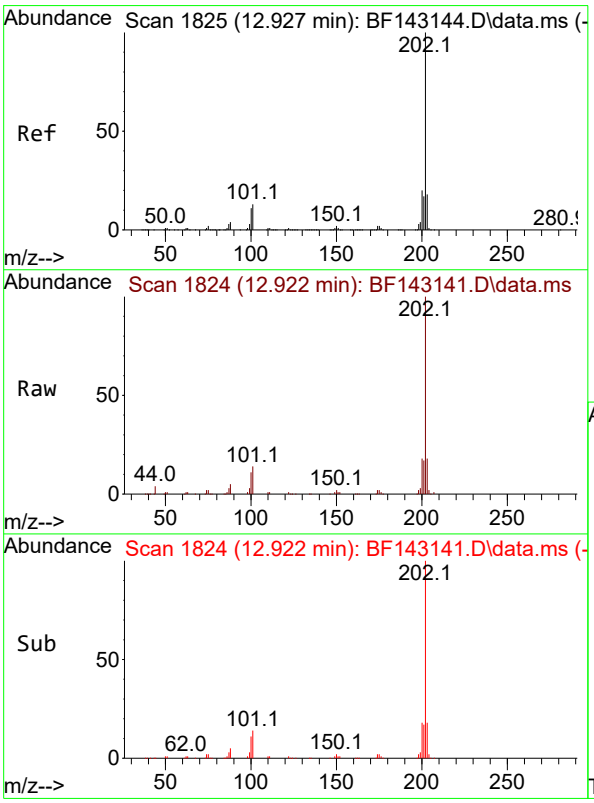
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.9	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

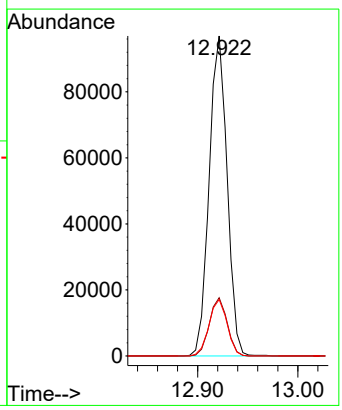
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

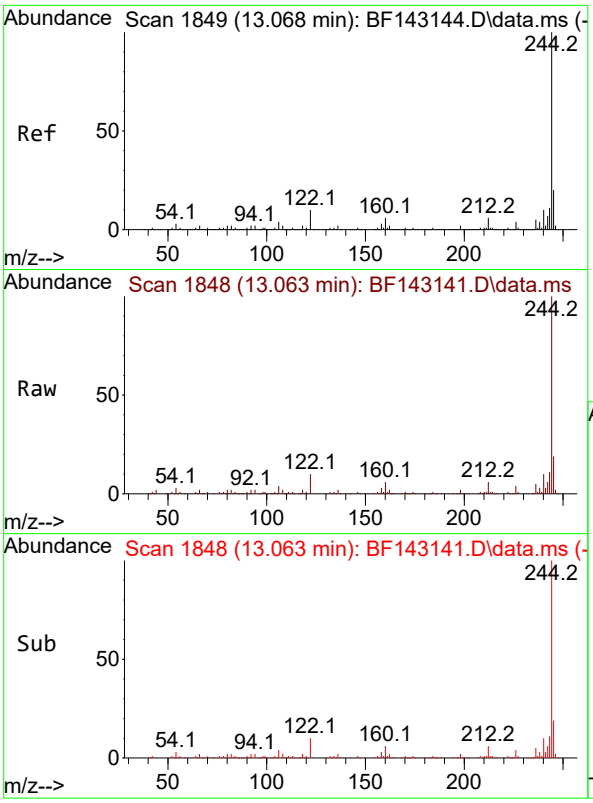


#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

Ion	Ratio	Lower	Upper
202	100		
200	18.2	15.7	23.5
203	17.6	14.2	21.2

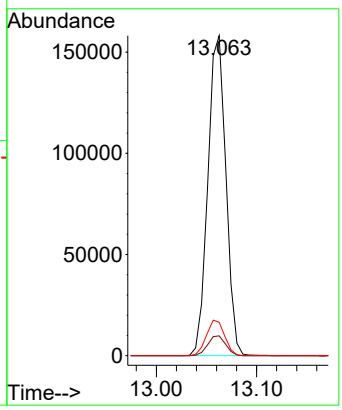




#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:244 Resp: 19816

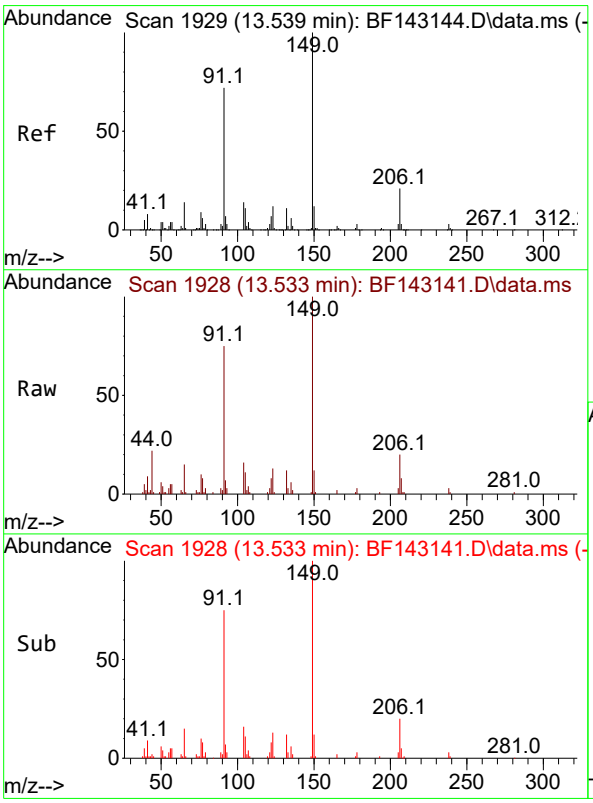
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

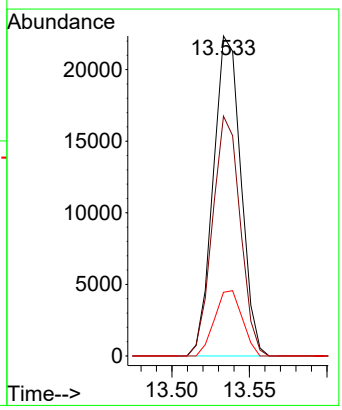
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

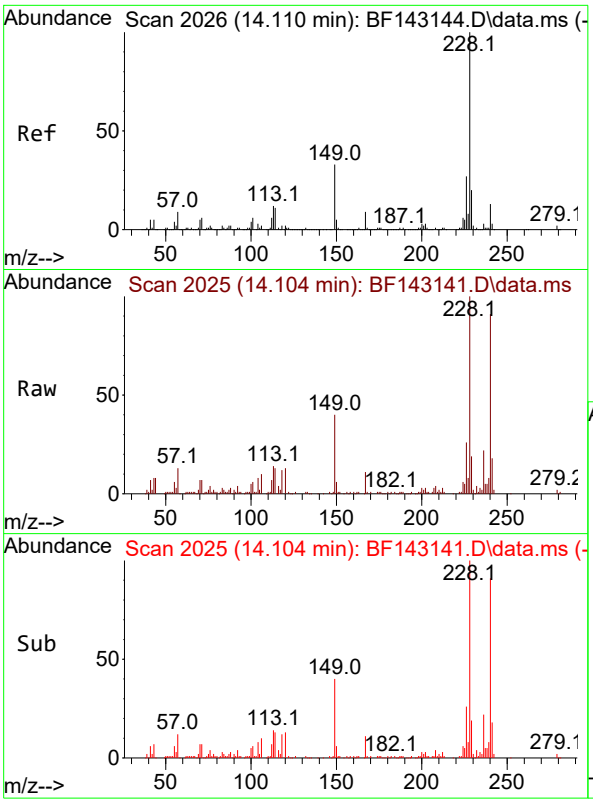


#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.9	86.9
206	19.9	17.0	25.4

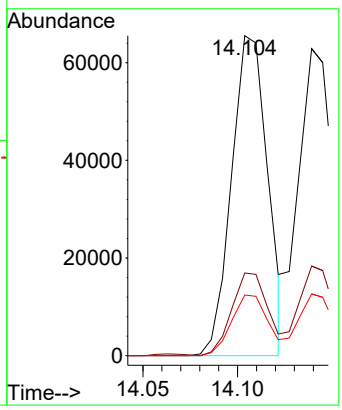




#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 8692

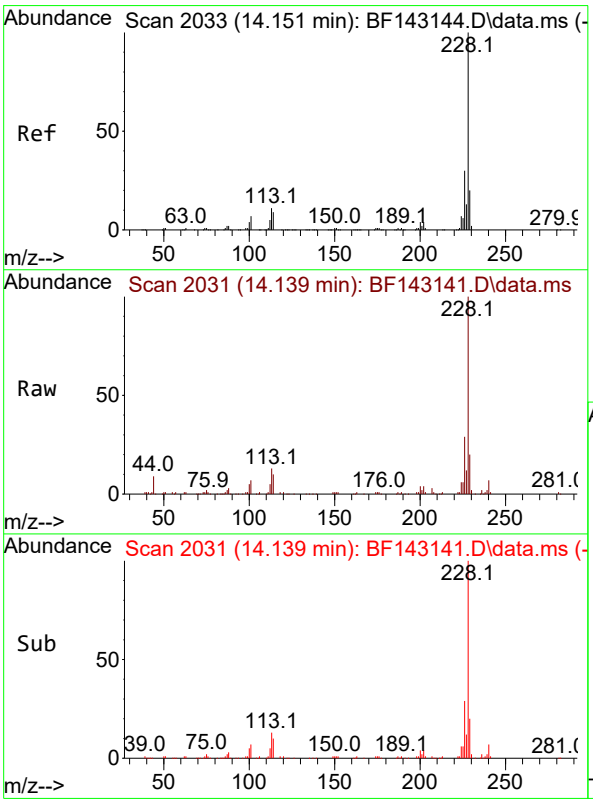
Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

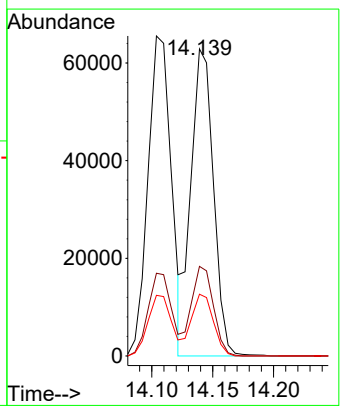
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

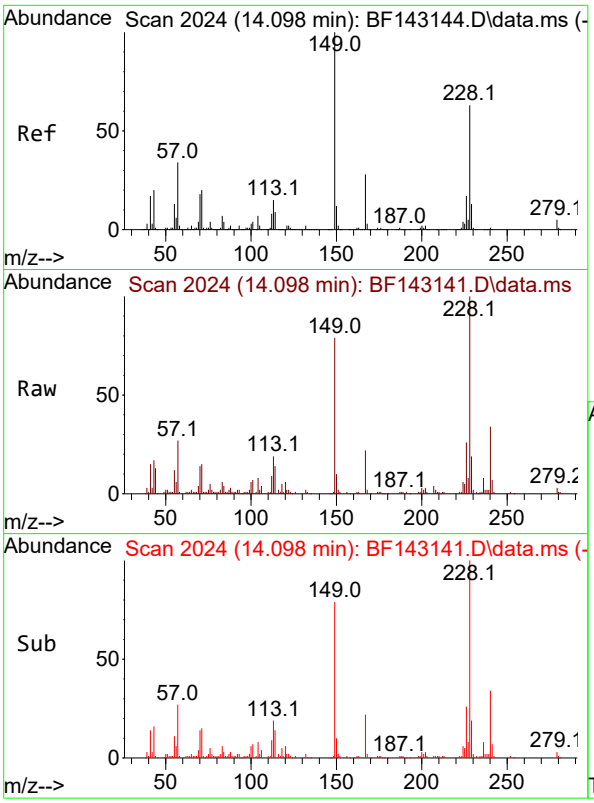


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 81091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

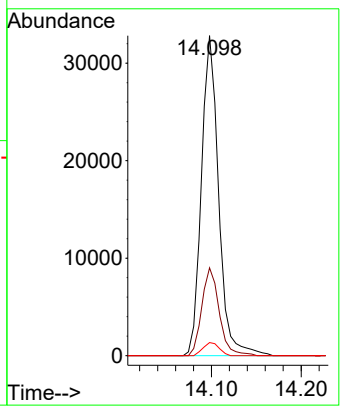
Tgt Ion:149 Resp: 4373

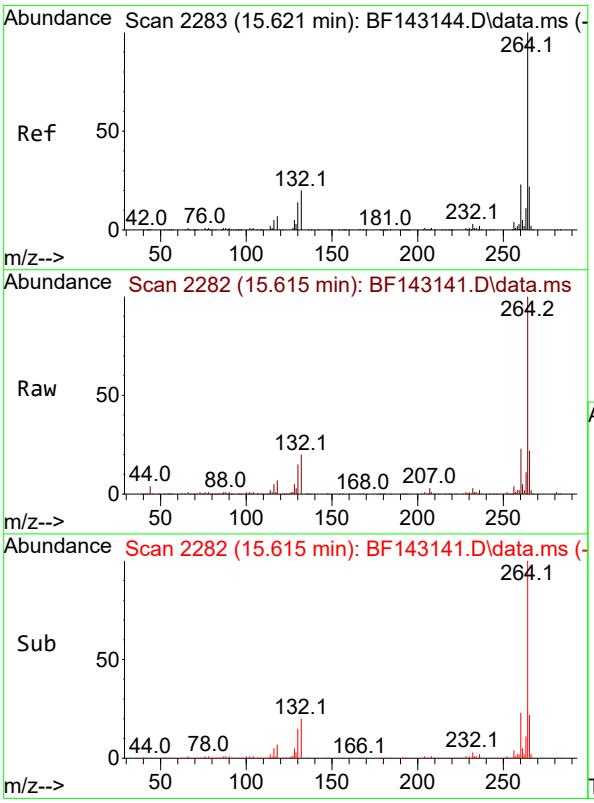
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.1	3.6	5.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

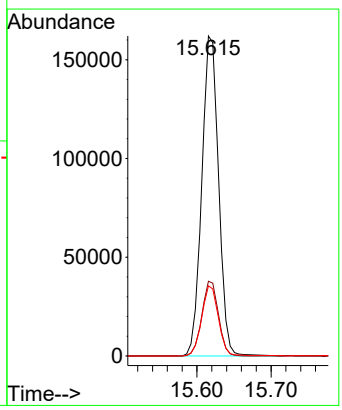


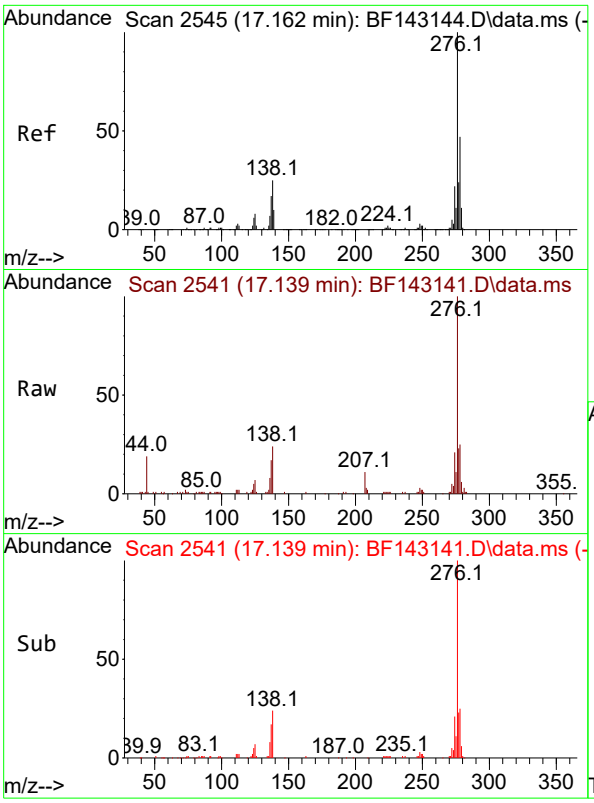


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.4	26.2

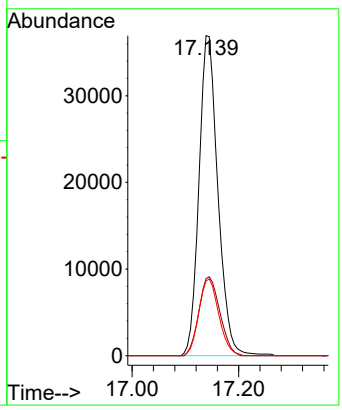




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 9107

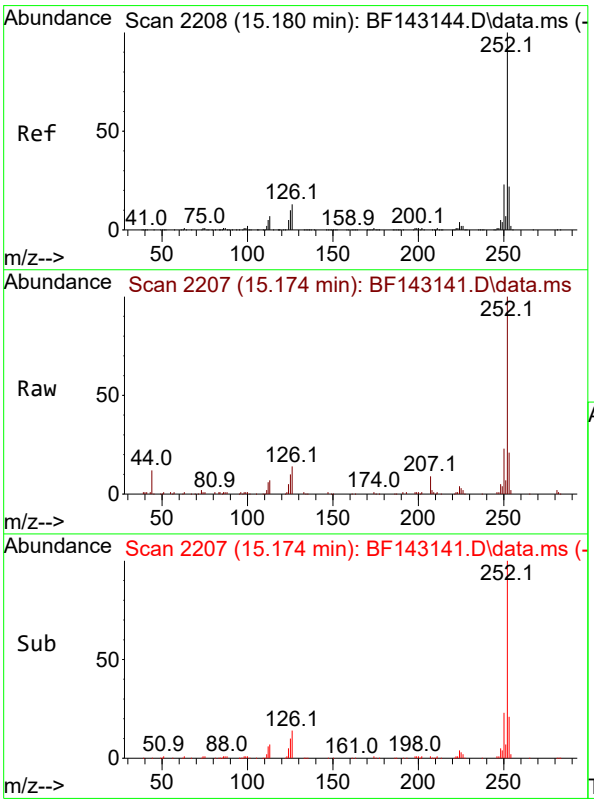
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

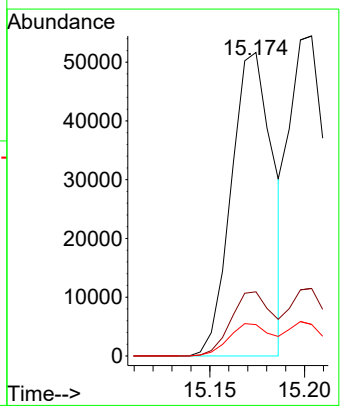
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

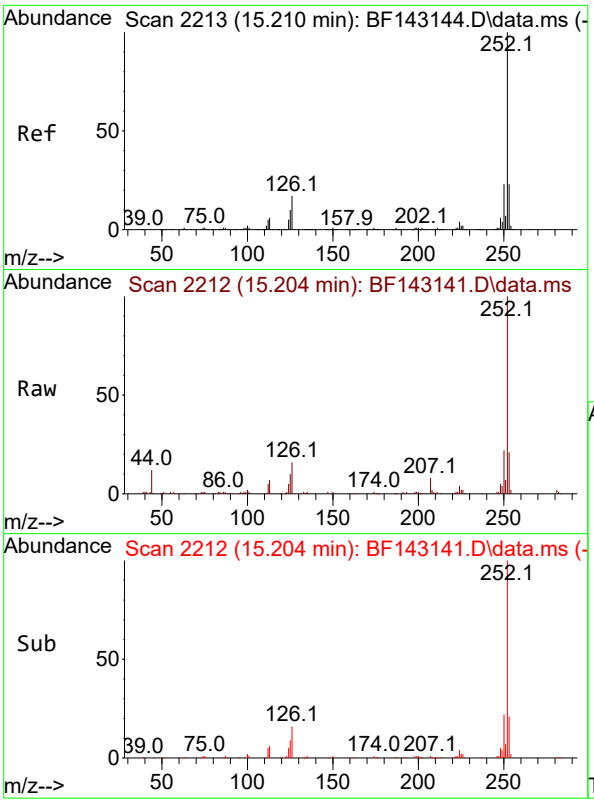


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.3	8.0	12.0

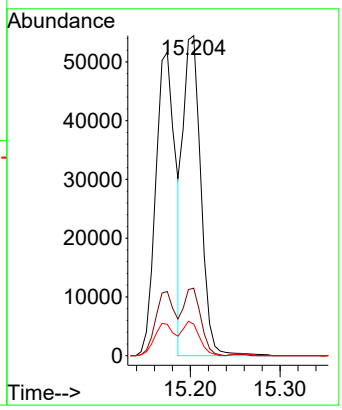




#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 7473

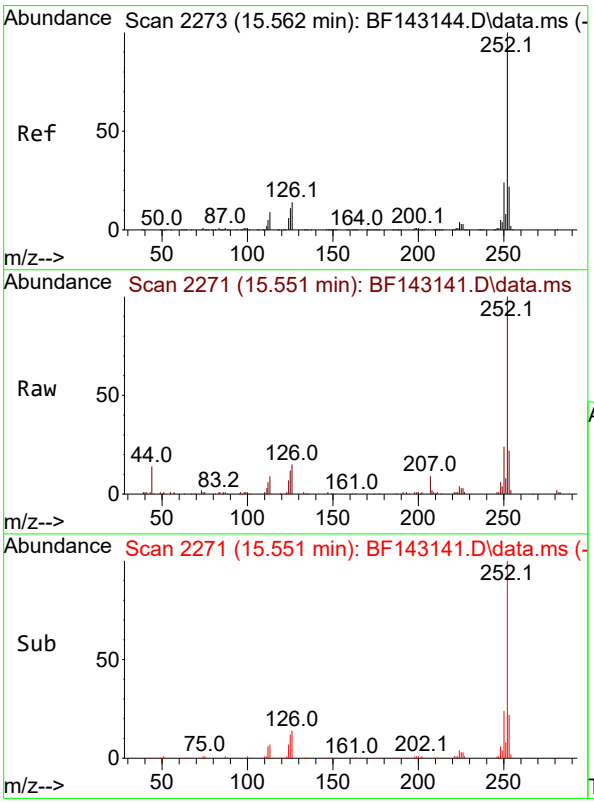
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

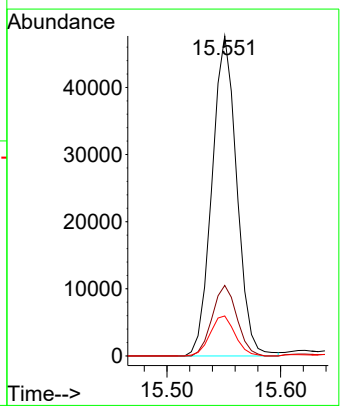
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

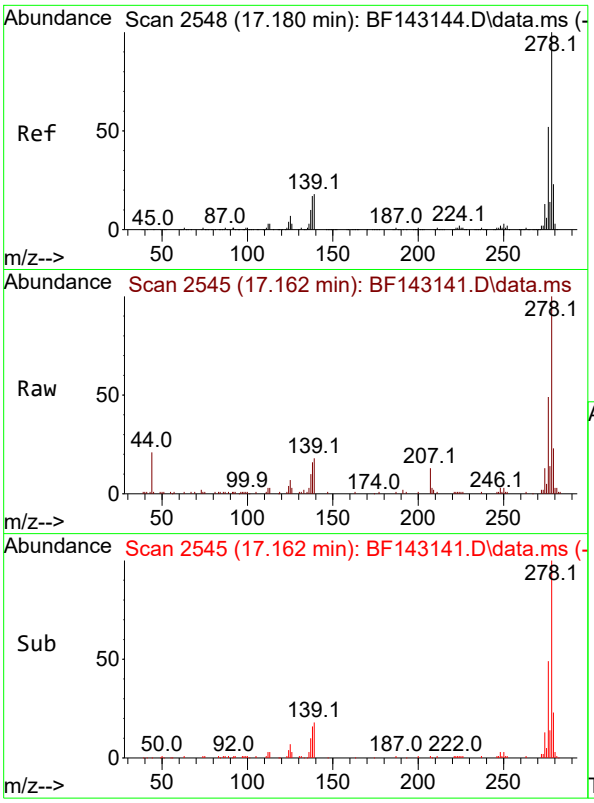


#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.5	8.6	13.0

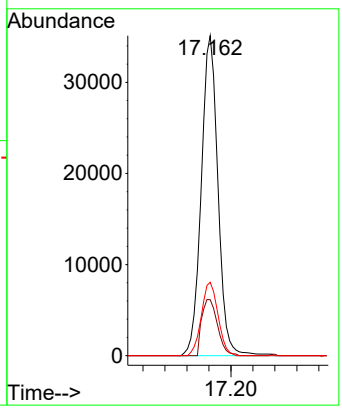




#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:278 Resp: 7412

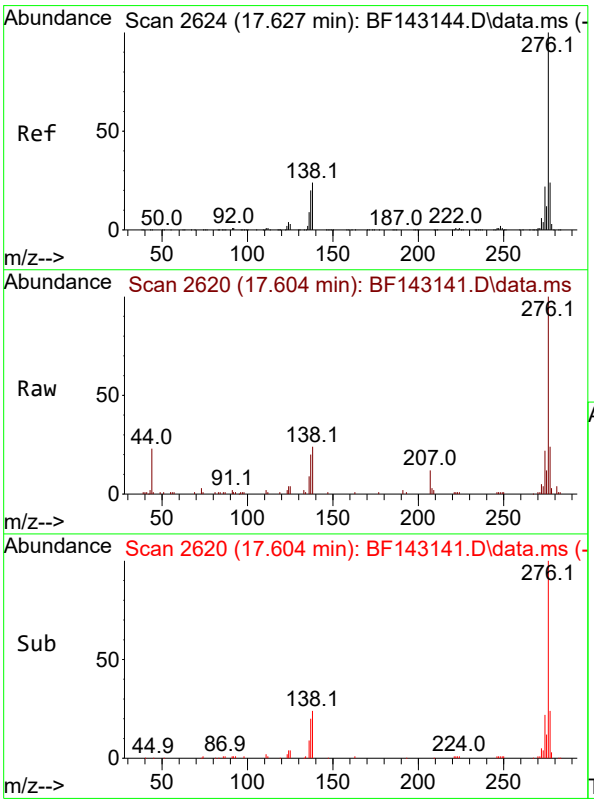
Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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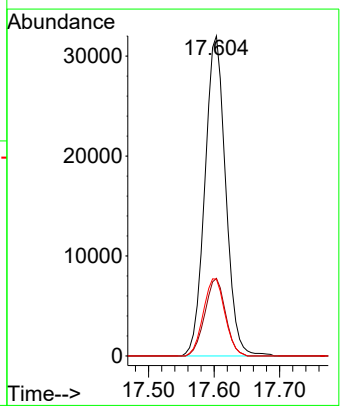
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng		0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng		0.00
86) Perylene-d12	15.621	264	273706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	184363	20.778	ng		0.00
7) Phenol-d6	6.569	99	230206	20.613	ng		-0.02
23) Nitrobenzene-d5	7.510	82	215086m	19.646	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng		0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng		98
3) Pyridine	3.587	79	109317	10.032	ng		100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng		98
6) Aniline	6.616	93	158580	10.188	ng		99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng		98
9) Benzaldehyde	6.510	77	81897	9.779	ng		100
10) Phenol	6.587	94	124080m	10.198	ng		
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng		99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng		97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng		99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng		99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng		99
17) 2-Methylphenol	7.198	107	78001	9.974	ng		99
18) Hexachloroethane	7.481	117	34985	9.932	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng		97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng		91
22) Acetophenone	7.357	105	137532	10.645	ng	#	98
24) Nitrobenzene	7.534	77	100837	9.879	ng		98
25) Isophorone	7.769	82	192895	9.981	ng		100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng		96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng		98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng		100
31) Naphthalene	8.263	128	283107	10.534	ng		99
32) Benzoic acid	7.928	122	28431m	10.113	ng		
33) 4-Chloroaniline	8.304	127	113797	10.369	ng		100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng		99
35) Caprolactam	8.634	113	21157	9.194	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng		98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng		100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng		99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng		97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng		100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng		98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng		99
49) Acenaphthylene	9.857	152	289989	10.607	ng		98
50) Dimethylphthalate	9.704	163	189399	10.283	ng		99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng		93
52) Acenaphthene	10.028	154	168698	10.440	ng		99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng		97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng	#	1
55) Dibenzofuran	10.198	168	255272	10.641	ng		99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng		98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng		98
58) Fluorene	10.545	166	198041	10.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng		99
60) Diethylphthalate	10.410	149	186802	10.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng		97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng		98
63) Azobenzene	10.692	77	197998	10.435	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng		94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng		97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng		97
69) Atrazine	11.169	200	43045	9.613	ng		98
70) Pentachlorophenol	11.280	266	27529	8.148	ng		99
71) Phenanthrene	11.504	178	253750	10.361	ng		99
72) Anthracene	11.557	178	261960	10.487	ng		99
73) Carbazole	11.704	167	223376	10.241	ng		100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng		100
75) Fluoranthene	12.692	202	227701	10.129	ng		99
77) Benzidine	12.804	184	96484	9.834	ng		99
78) Pyrene	12.922	202	227008	10.445	ng		100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng		98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng		97
83) Chrysene	14.145	228	149446	9.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng		97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng		99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng		99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng		99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng		100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng		100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng		99

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

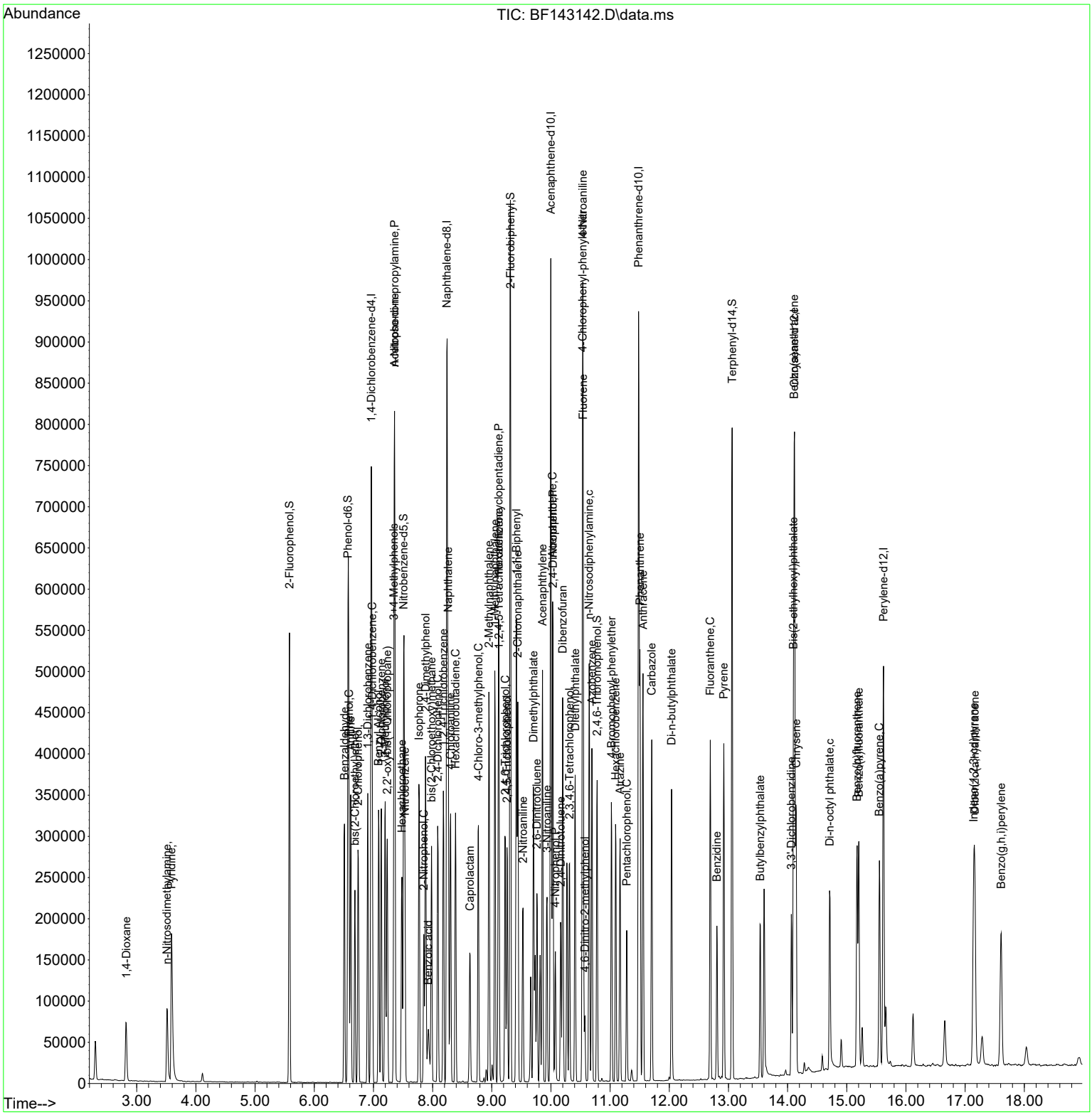
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Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

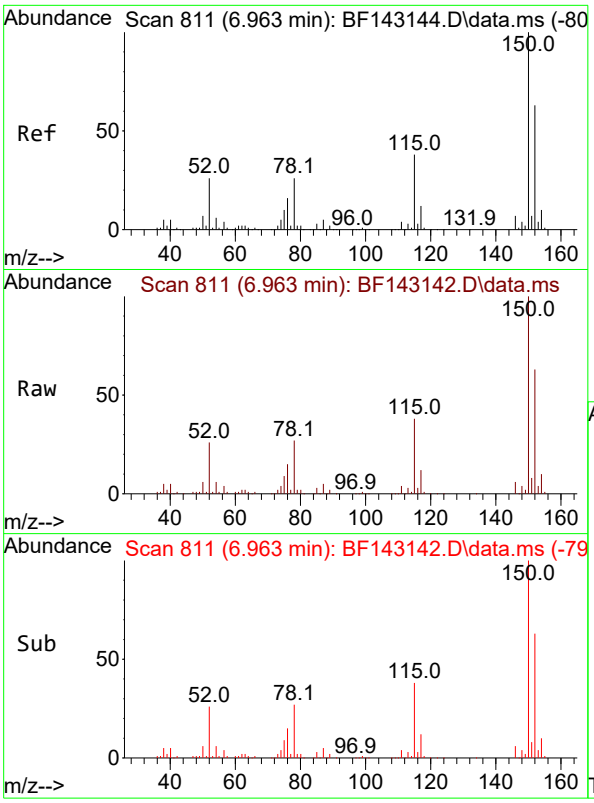
Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

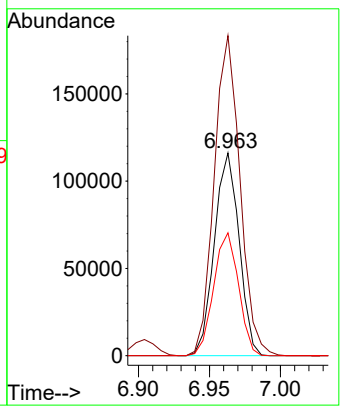




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 14041

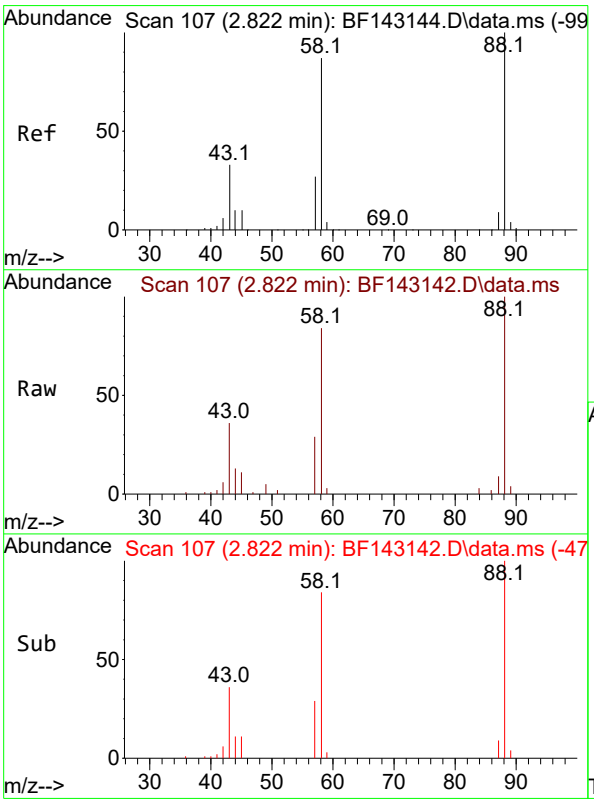
Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.2	192.4
115	60.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

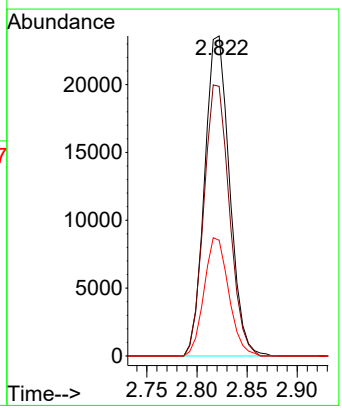
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

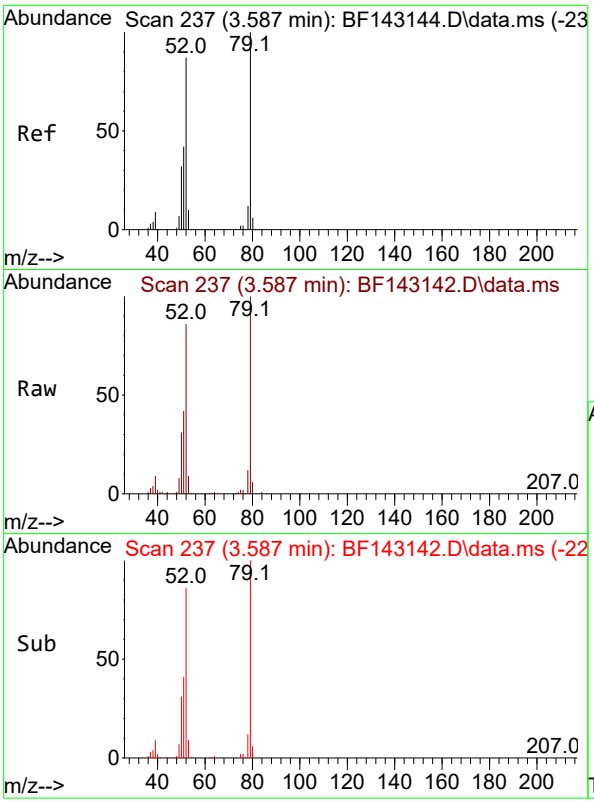


#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.2	105.2
43	36.5	27.1	40.7

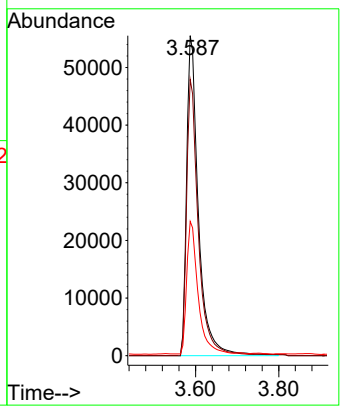




#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 10931

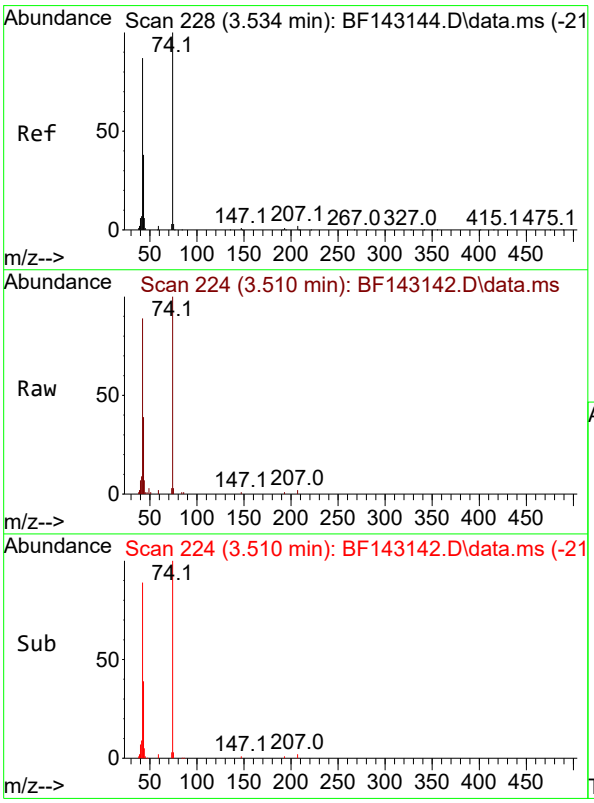
Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

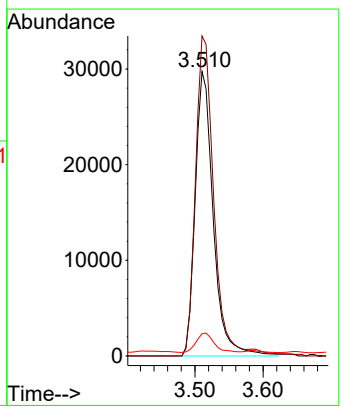
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

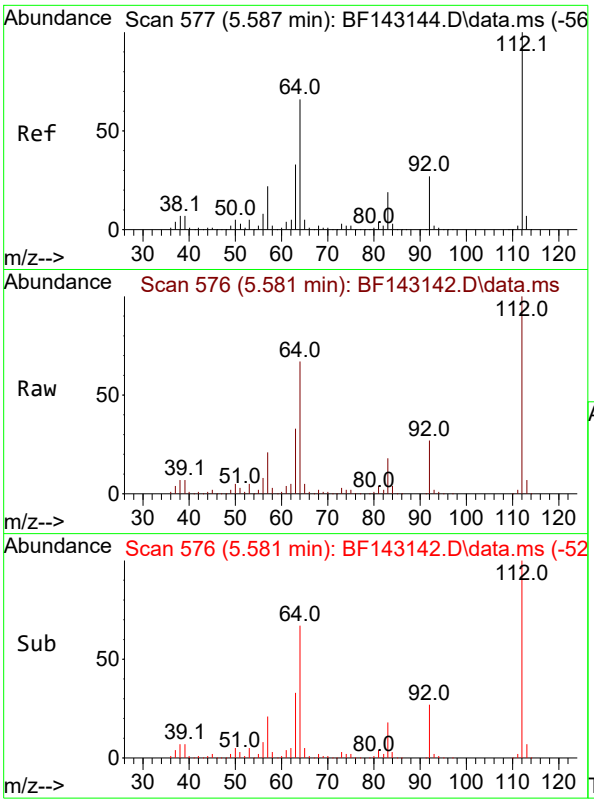


#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.7	137.5
44	7.8	5.6	8.4

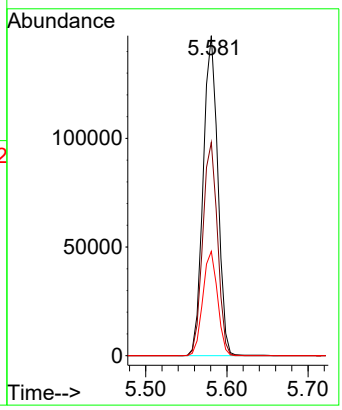




#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:112 Resp: 18436

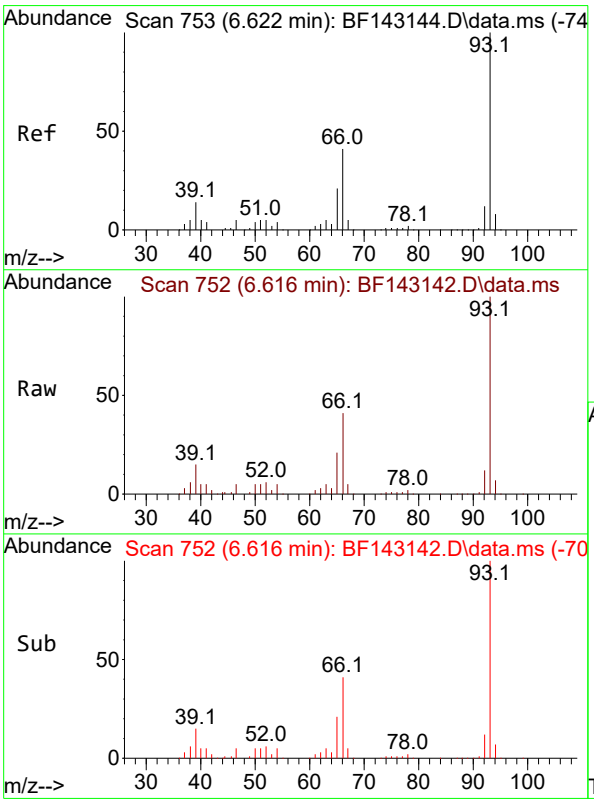
Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	32.6	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

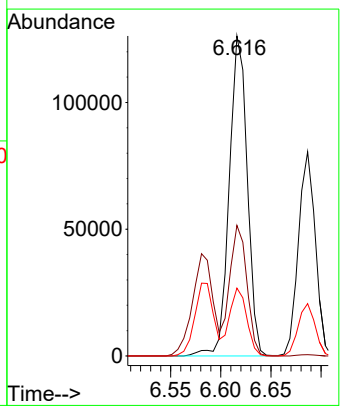
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

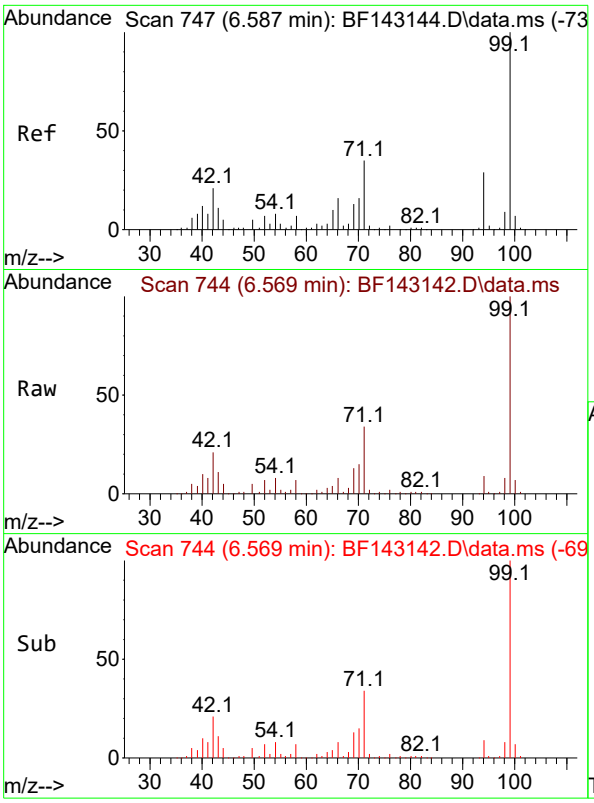


#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.2	16.9	25.3

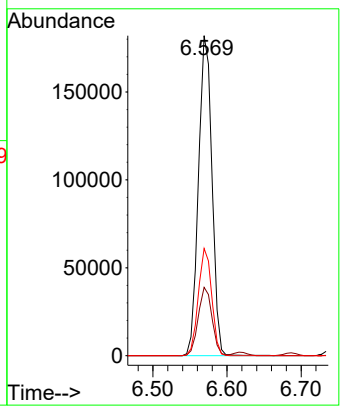




#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 99 Resp: 23020

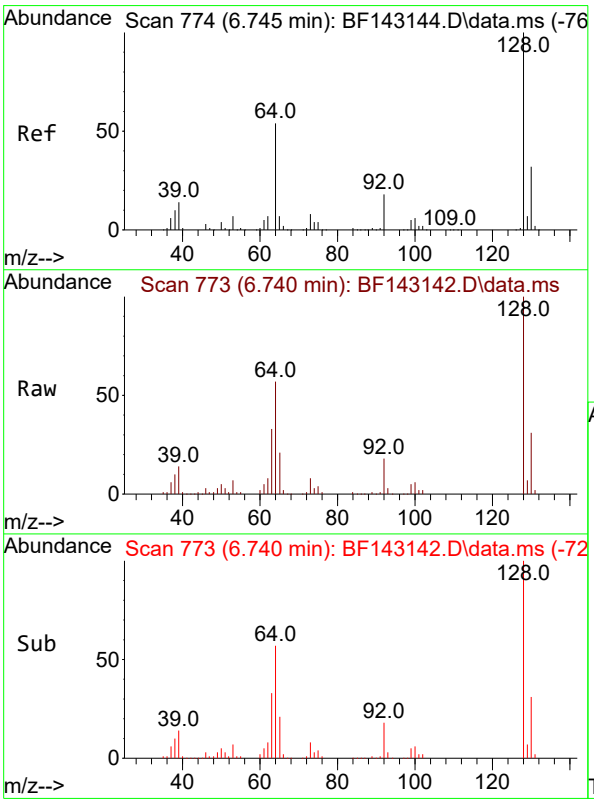
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.5	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

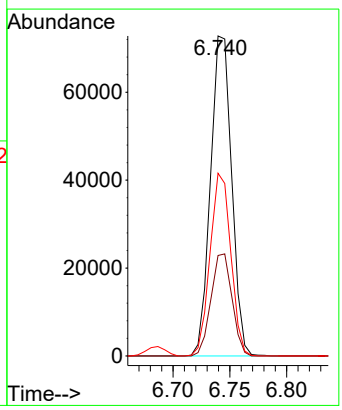
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

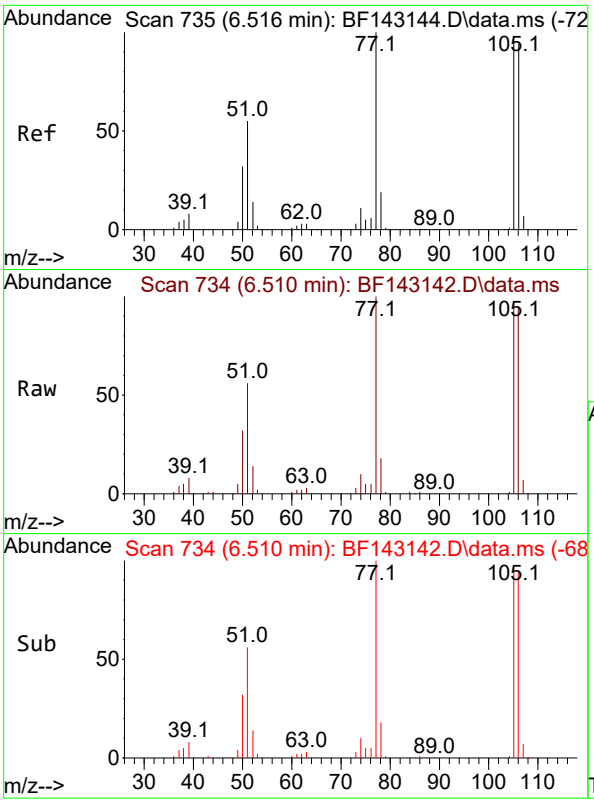


#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	57.1	35.9	75.9

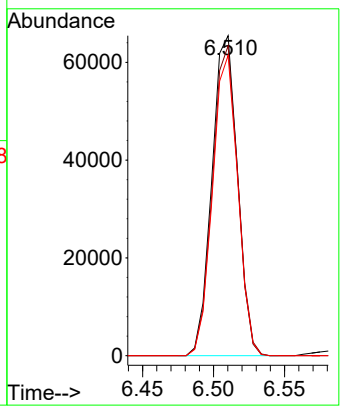




#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 8189

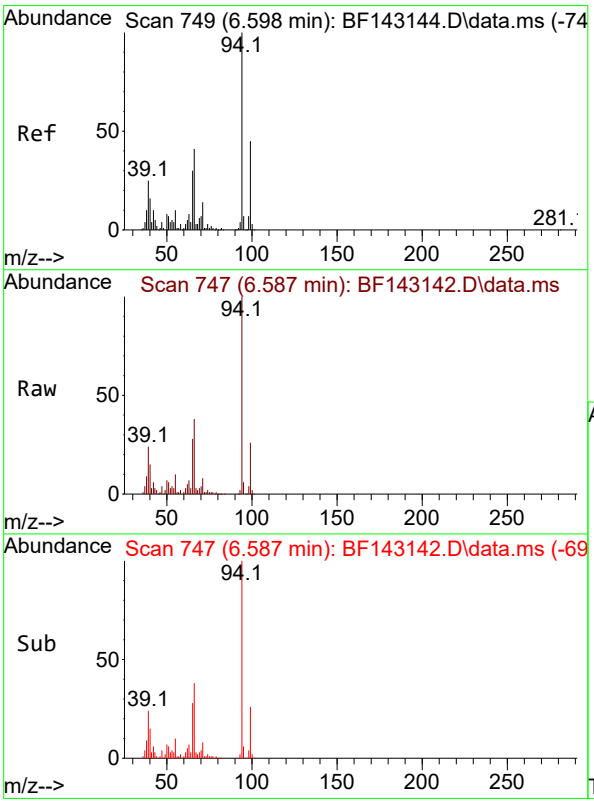
Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.9	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

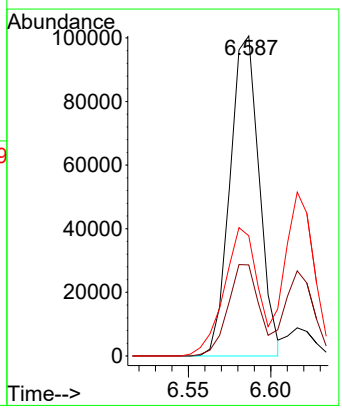
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

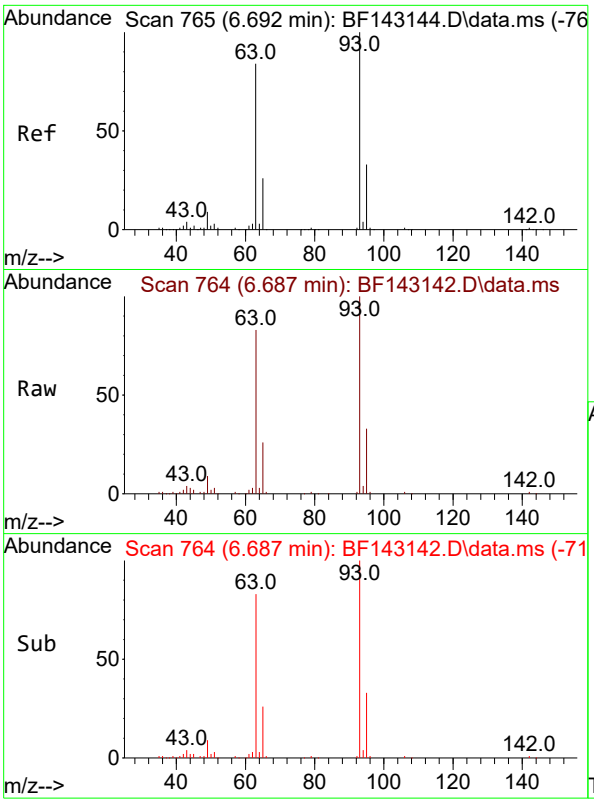


#10
Phenol
Concen: 10.198 ng m
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 124080

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.0	50.0
66	37.5	20.8	60.8

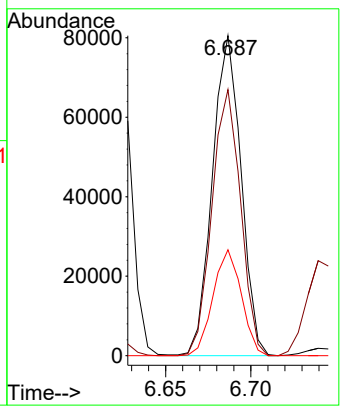




#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 9426

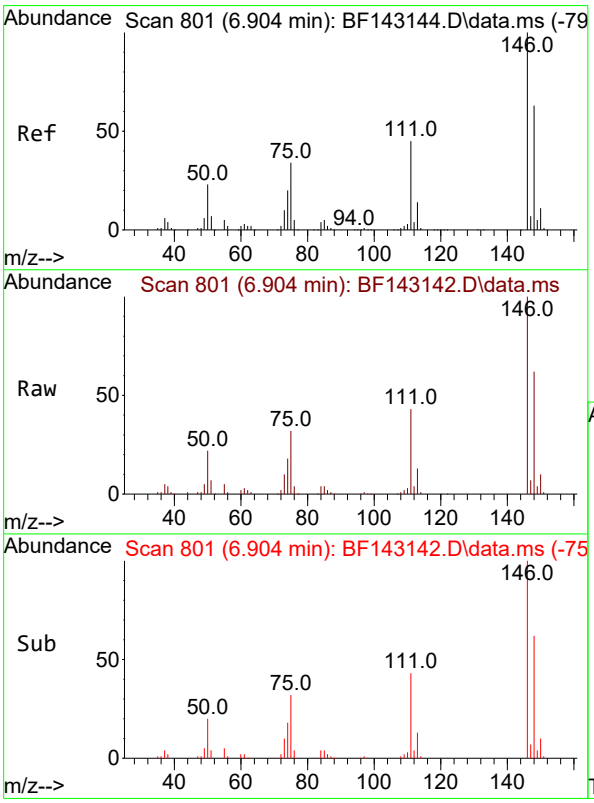
Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	33.1	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

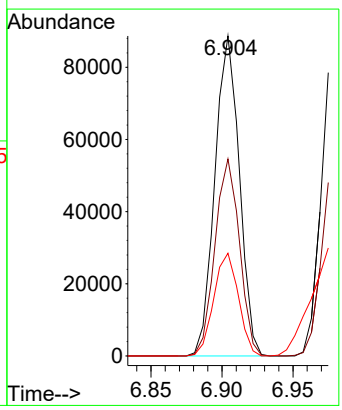
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

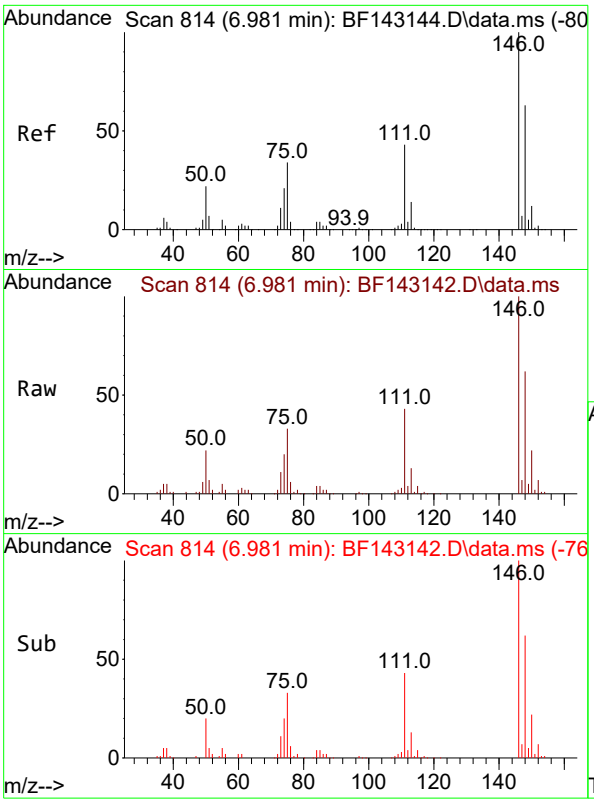


#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	32.1	27.4	41.2

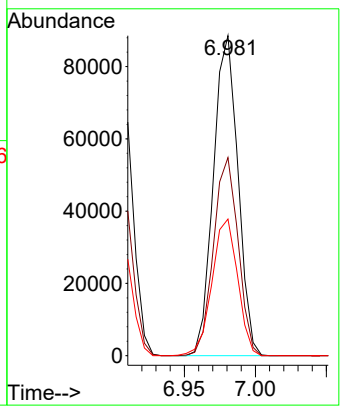




#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 10658

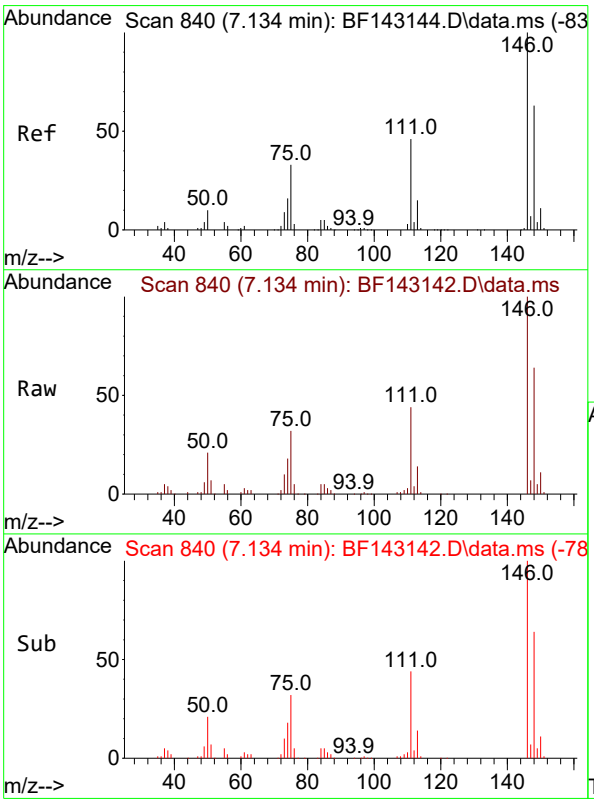
Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	42.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

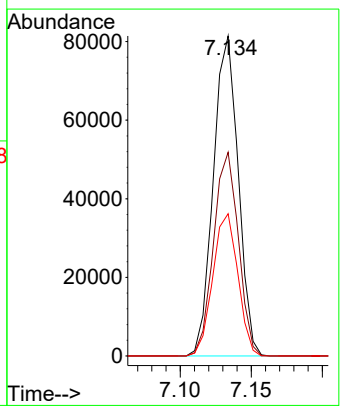
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

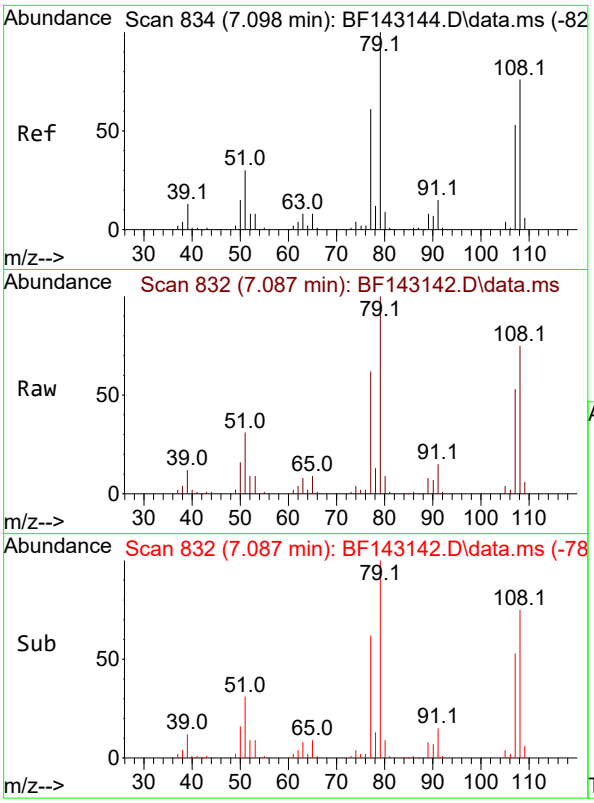


#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.5	36.6	54.8

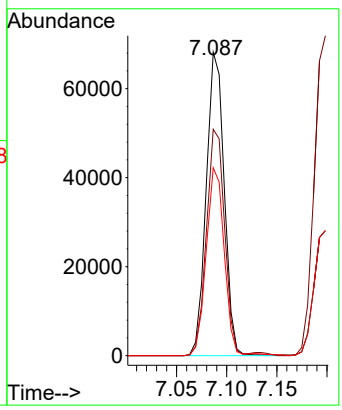




#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 8524

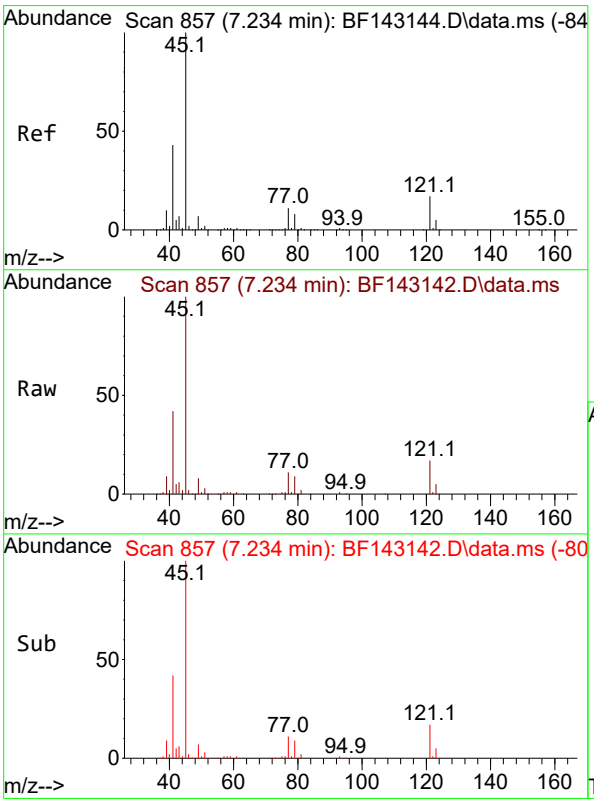
Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	61.9	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

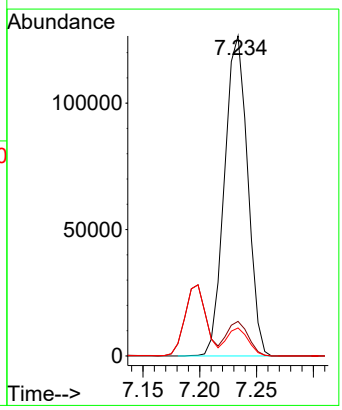
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

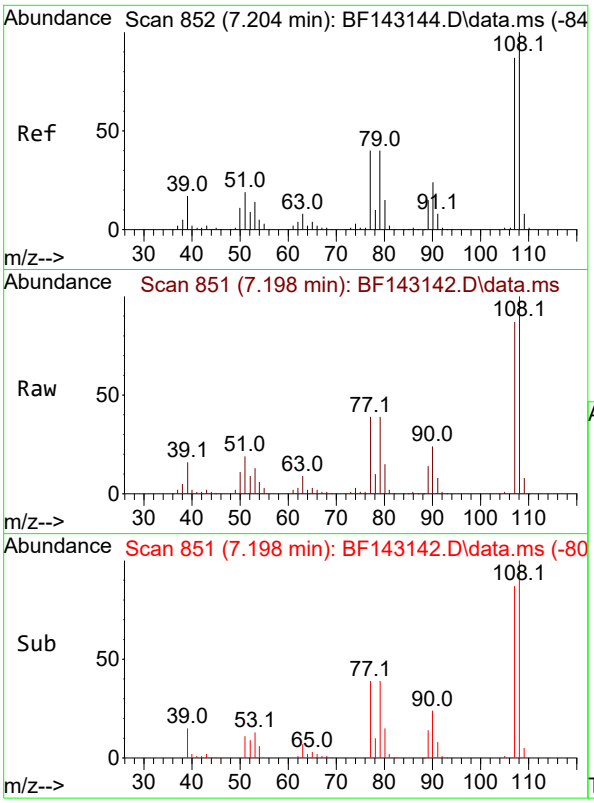


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.2
79	8.7	0.0	28.5

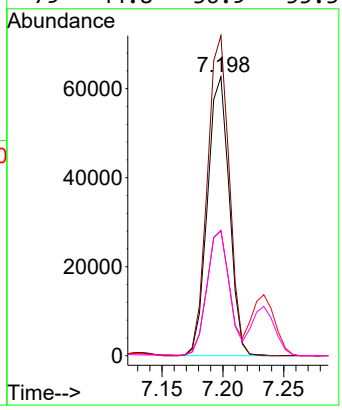




#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 7800

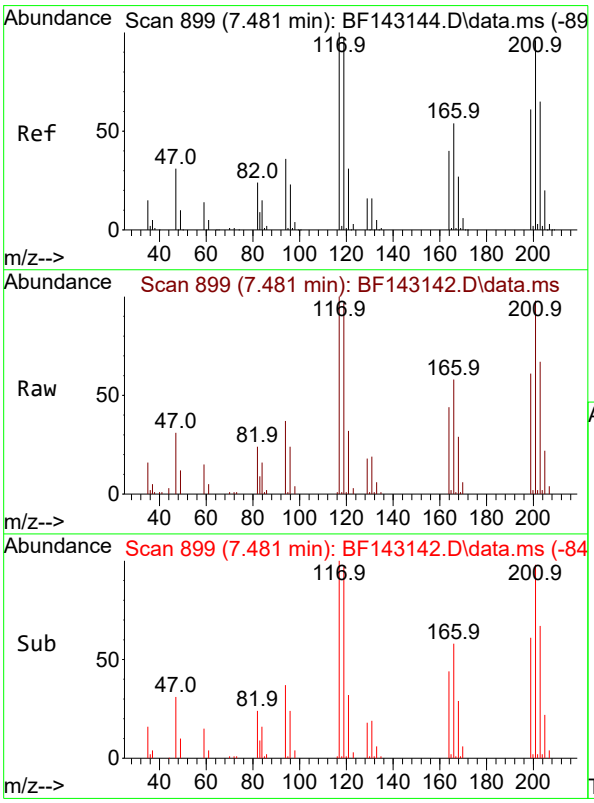
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	45.0	37.0	55.6
79	44.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

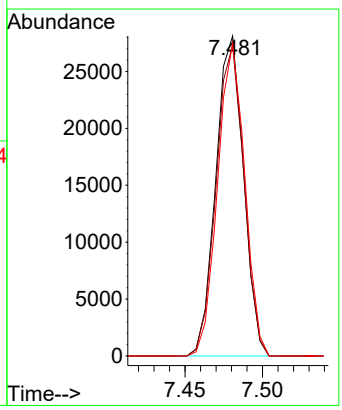
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

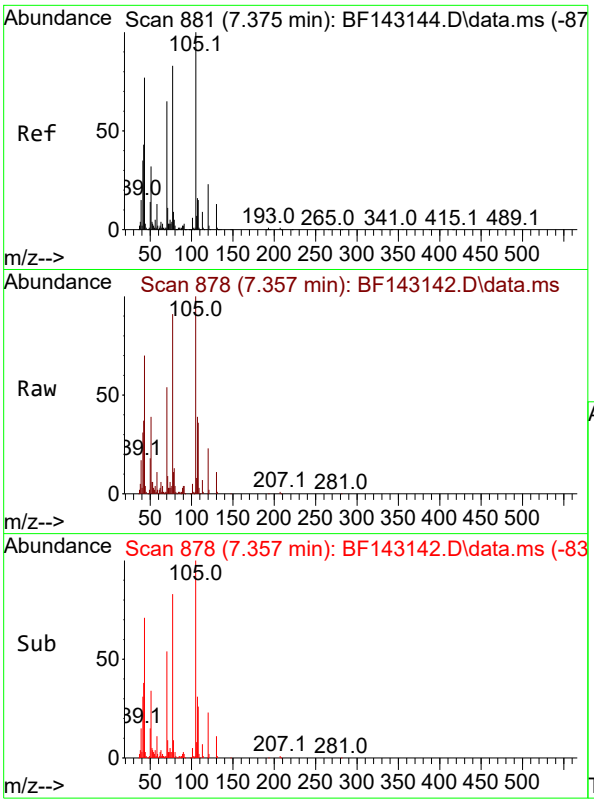


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	97.7	77.0	115.4

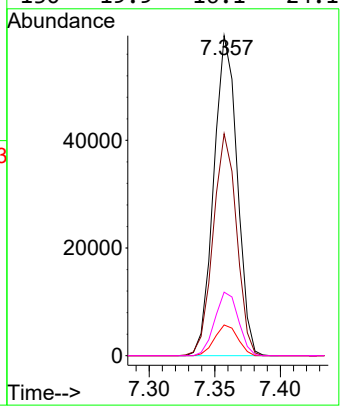




#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

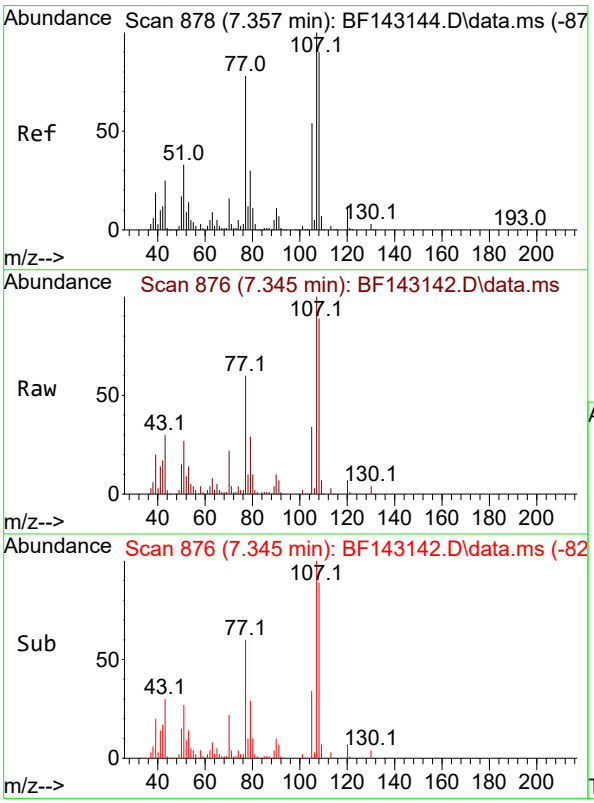
Tgt Ion: 70 Resp: 7381

Ion	Ratio	Lower	Upper
70	100		
42	69.4	52.5	78.7
101	9.6	7.6	11.4
130	19.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

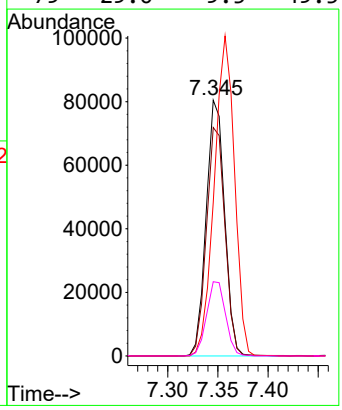
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

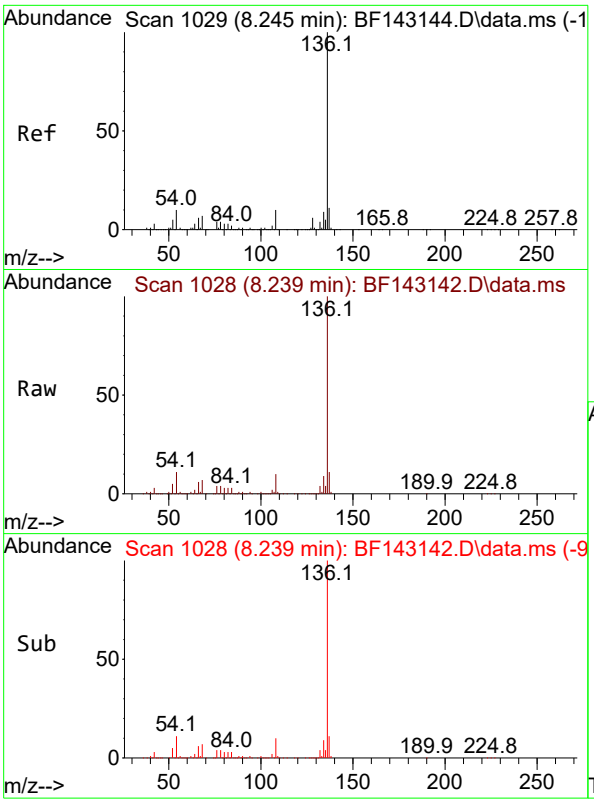


#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	60.0	57.8	97.8
79	29.0	9.5	49.5

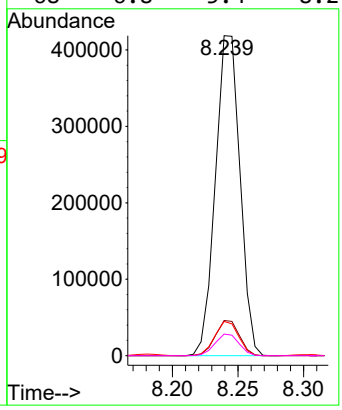




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:136 Resp: 54573

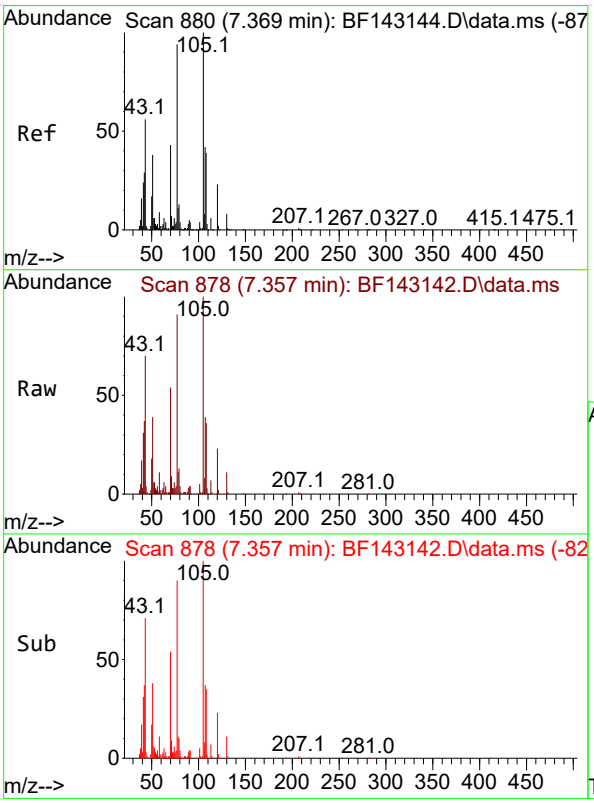
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.7	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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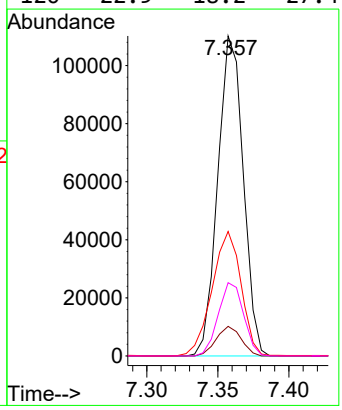
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

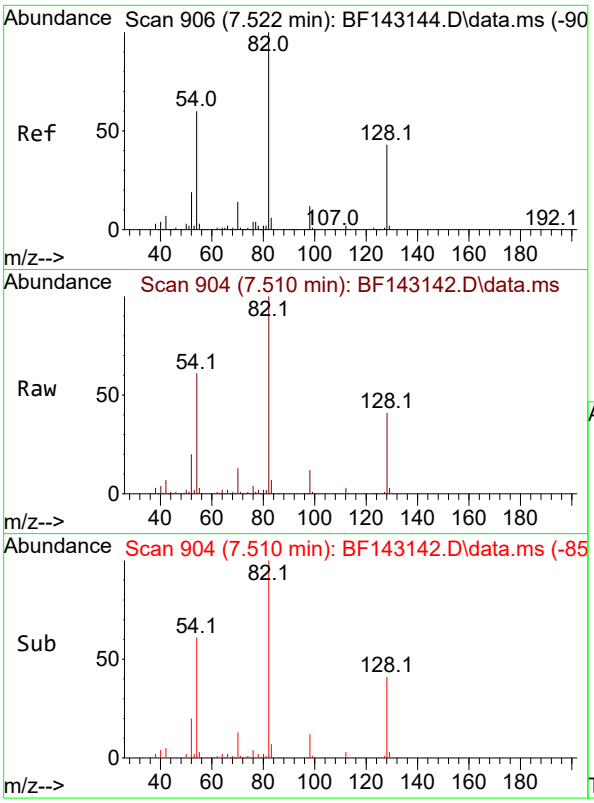


#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4

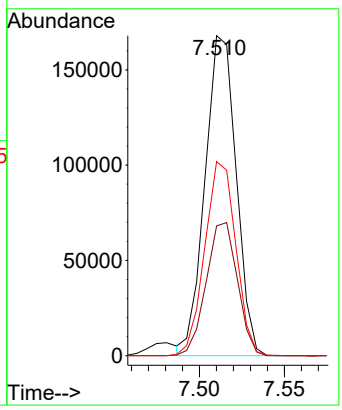




#23
Nitrobenzene-d5
Concen: 19.646 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 21508

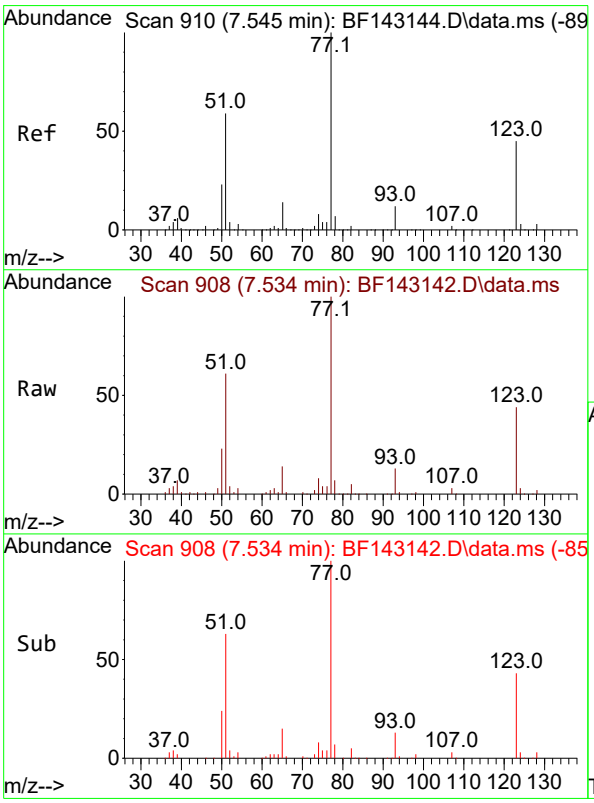
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.6	50.4
54	60.7	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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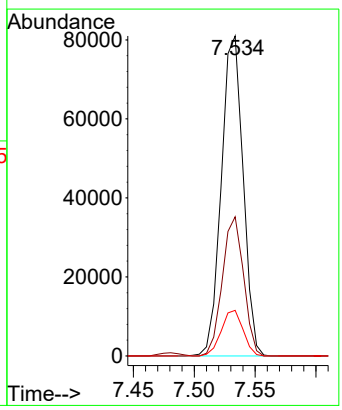
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

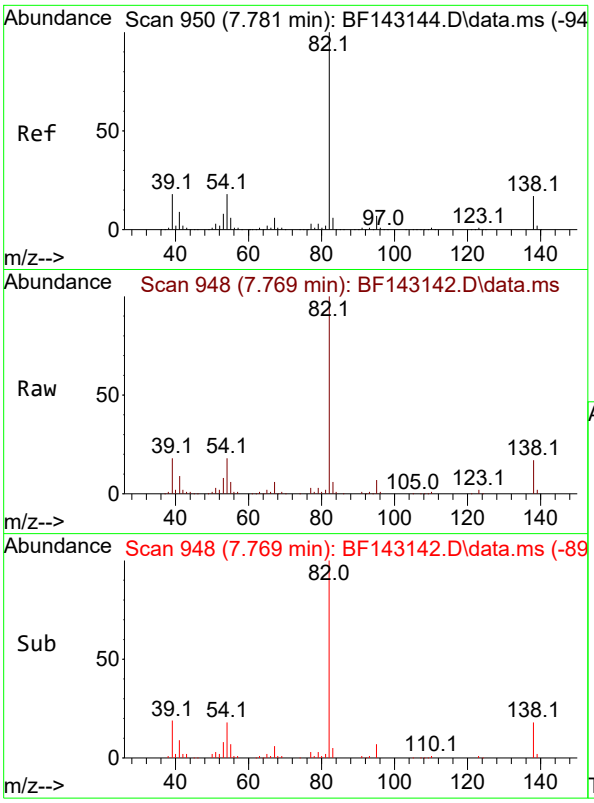


#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.2	11.4	17.2





#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

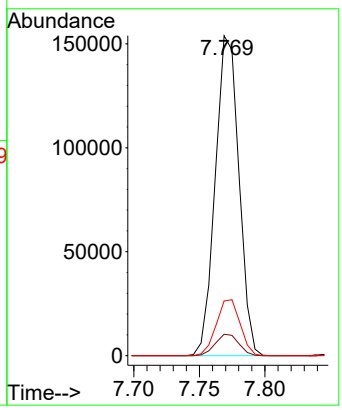
Tgt Ion: 82 Resp: 19289

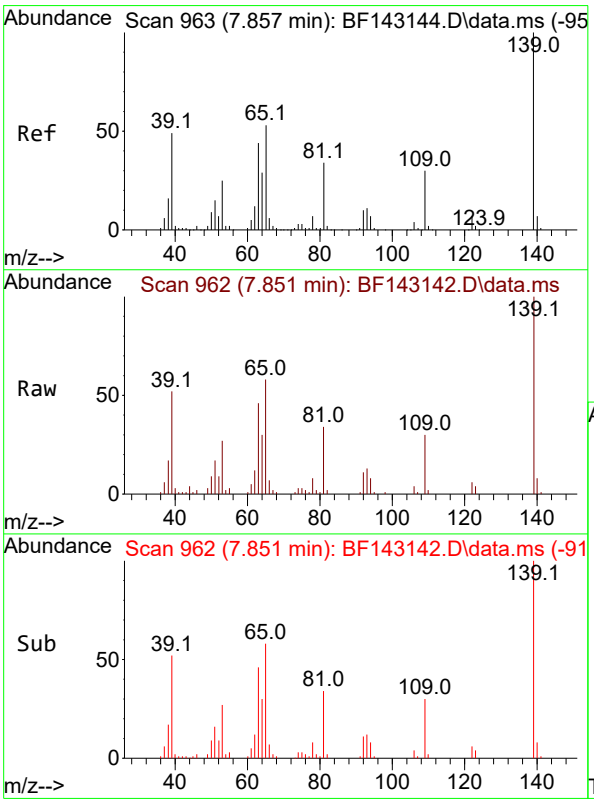
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

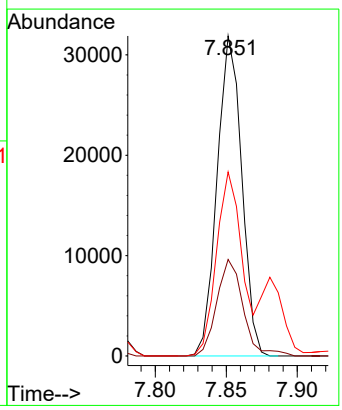


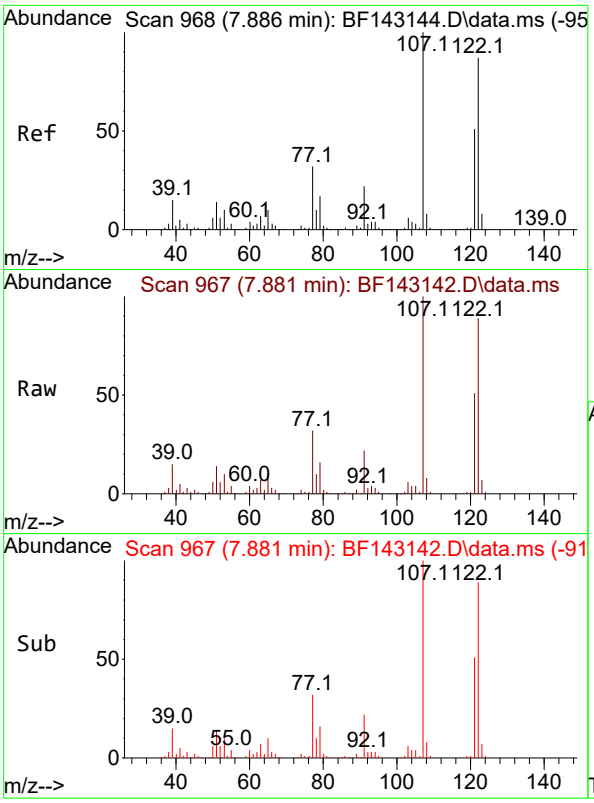


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.6	35.4
65	57.5	42.6	64.0

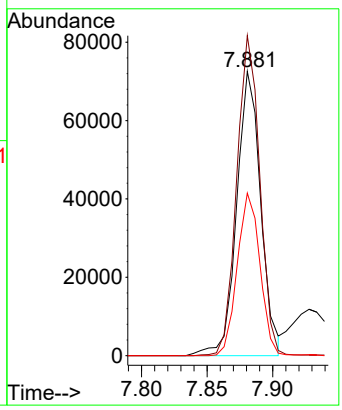




#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 9272

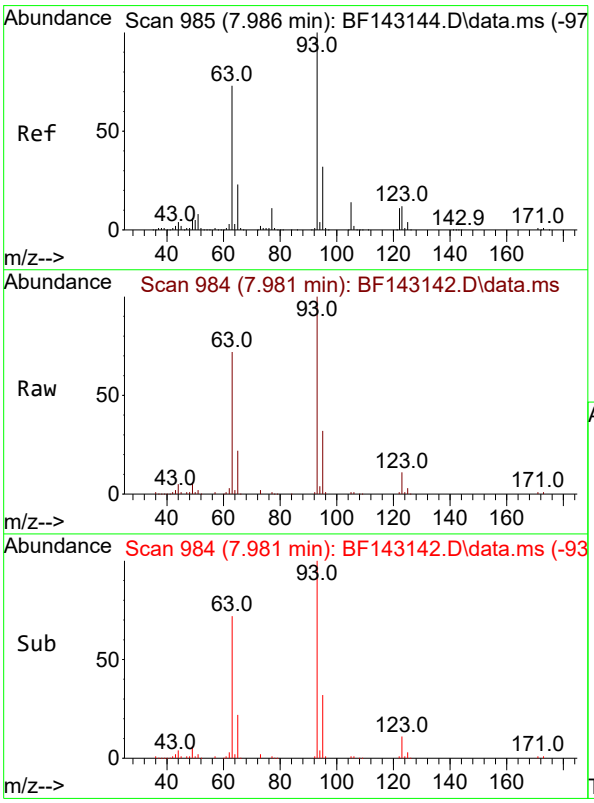
Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

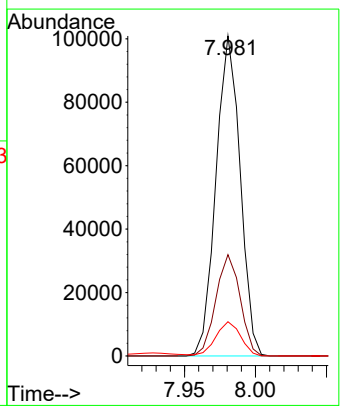
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

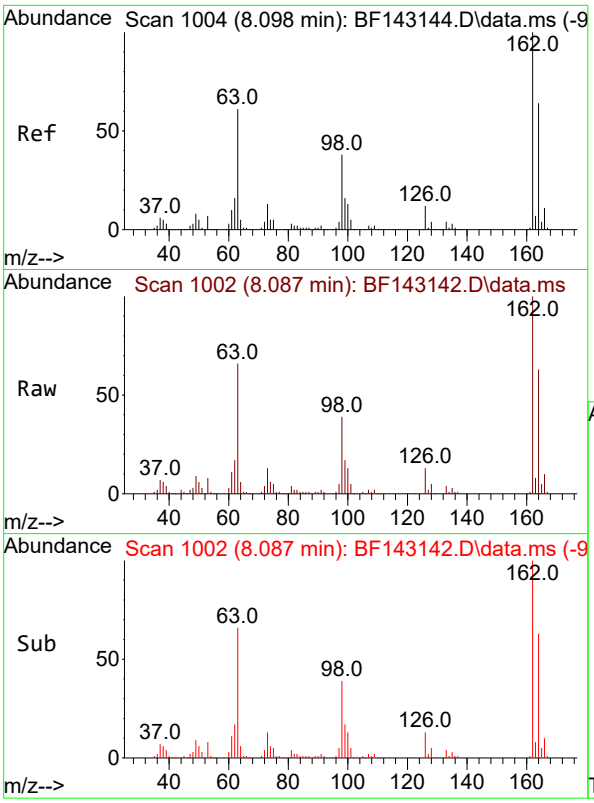


#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	10.7	9.7	14.5

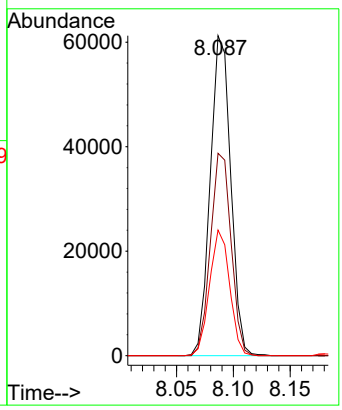




#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 7684

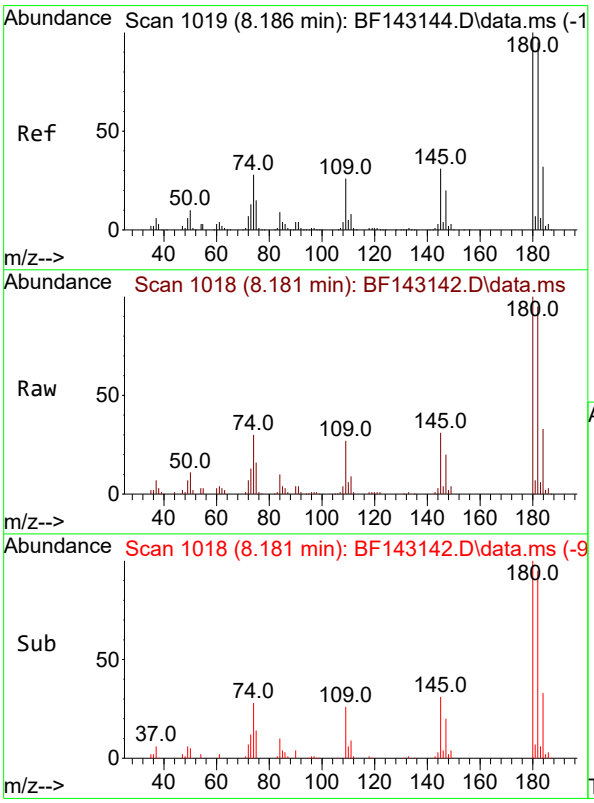
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

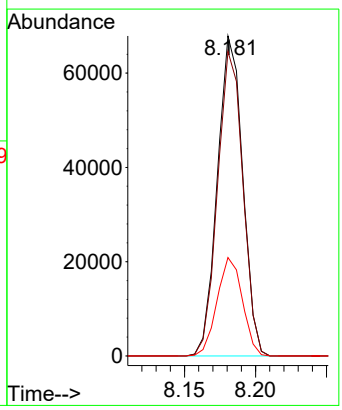
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

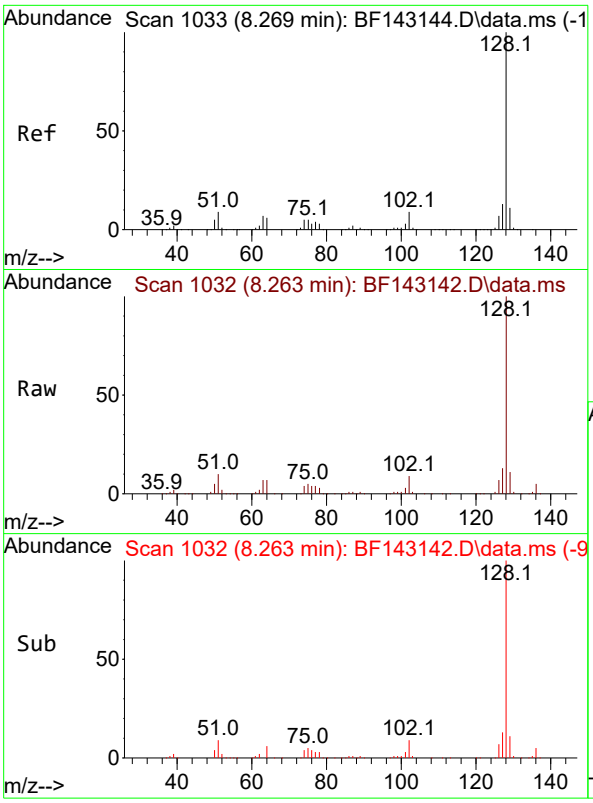


#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6

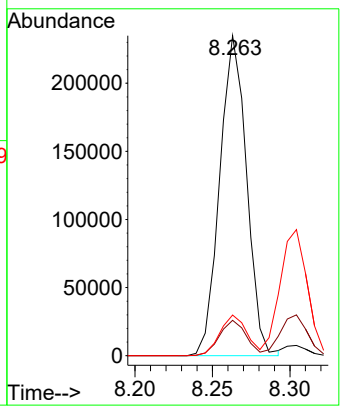




#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 28310

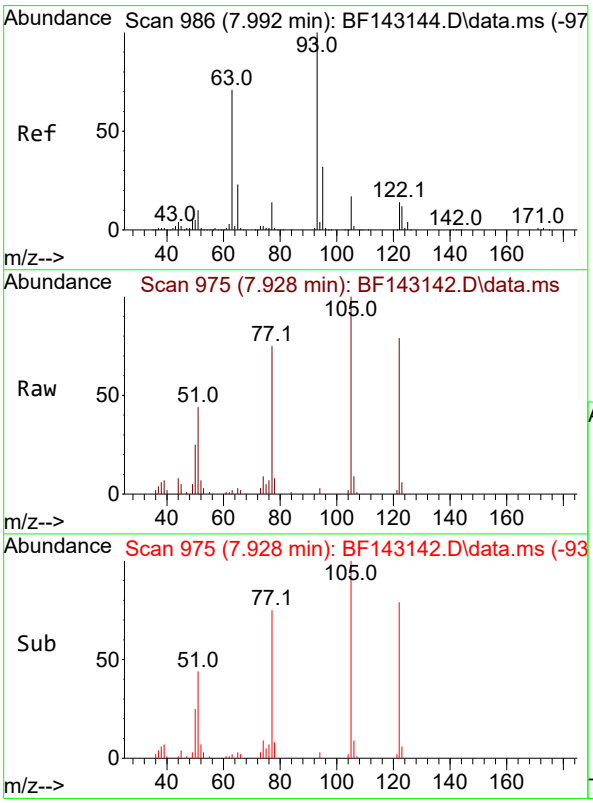
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

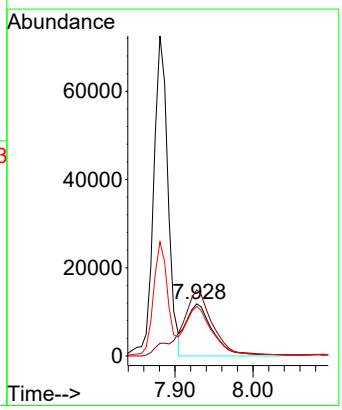
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

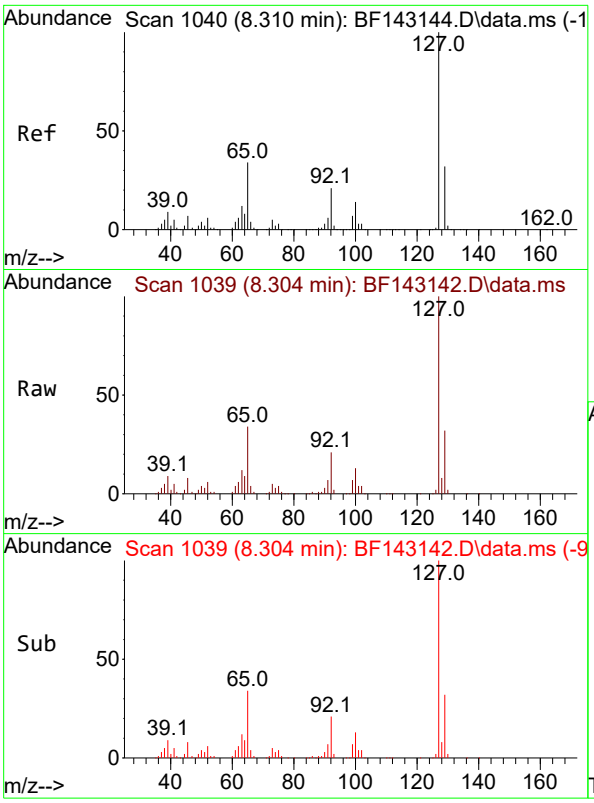


#32
Benzoic acid
Concen: 10.113 ng m
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 28431

Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.8	144.8
77	94.6	77.6	117.6

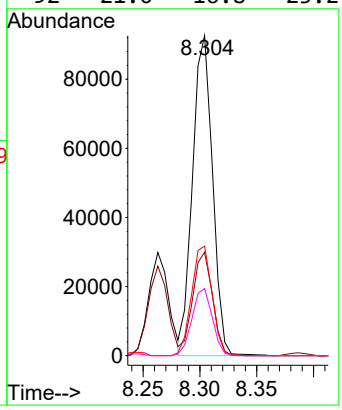




#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:127 Resp: 11379

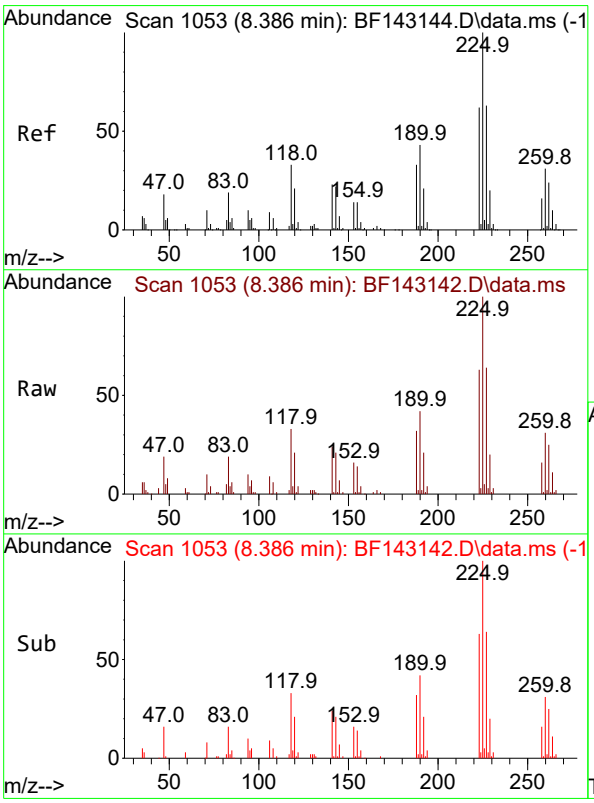
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.2	27.4	41.2
92	21.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

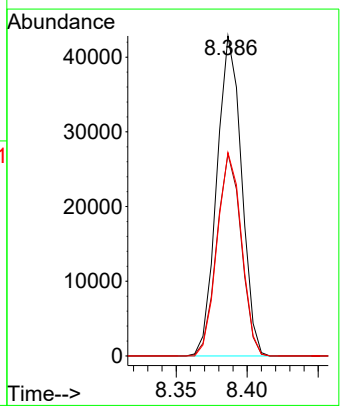
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

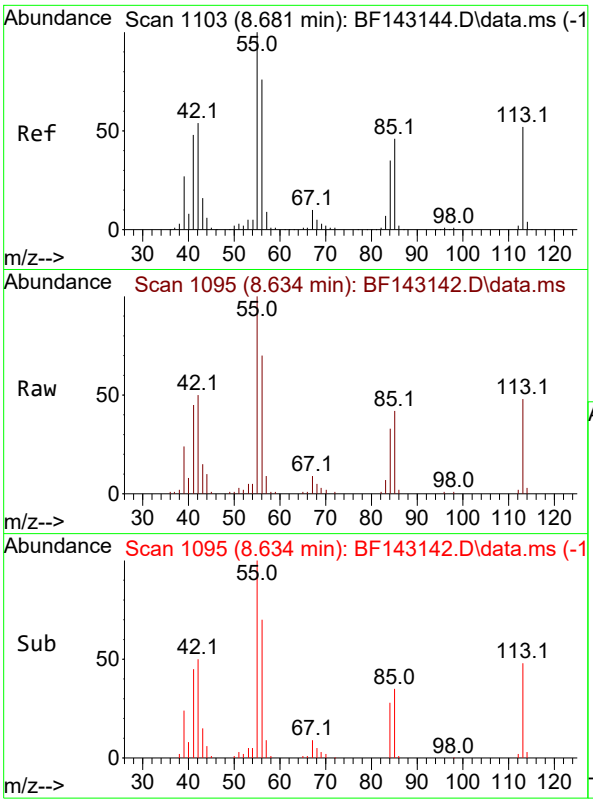


#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.2	75.4

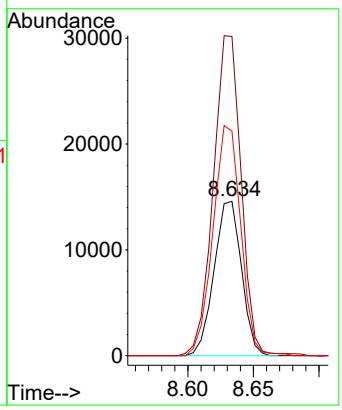




#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:113 Resp: 2115

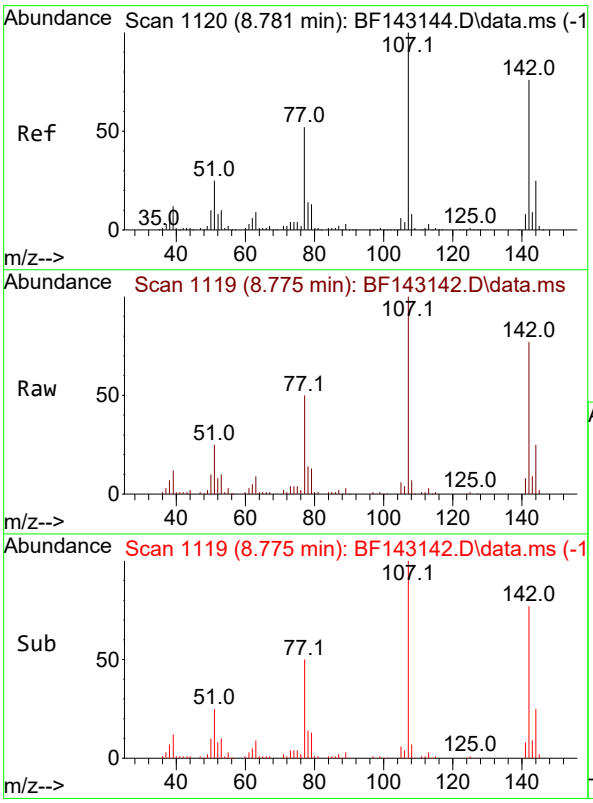
Ion	Ratio	Lower	Upper
113	100		
55	206.8	174.0	214.0
56	145.4	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

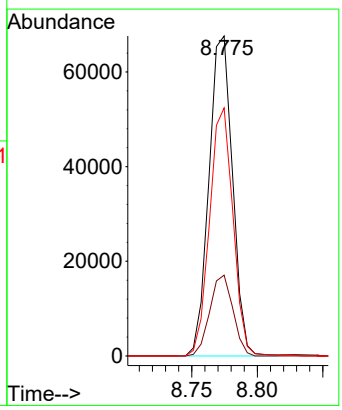
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

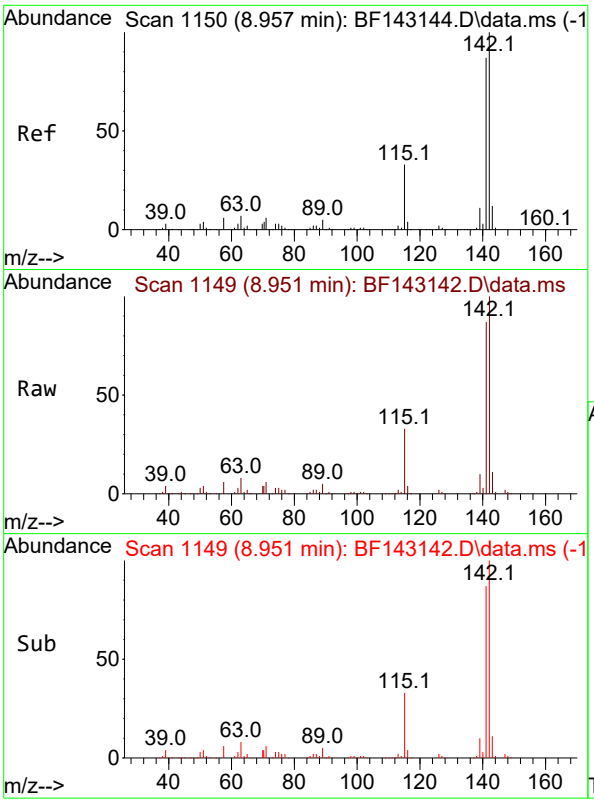


#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	77.5	60.6	90.8

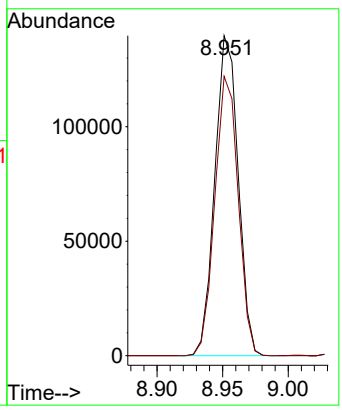




#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 17286

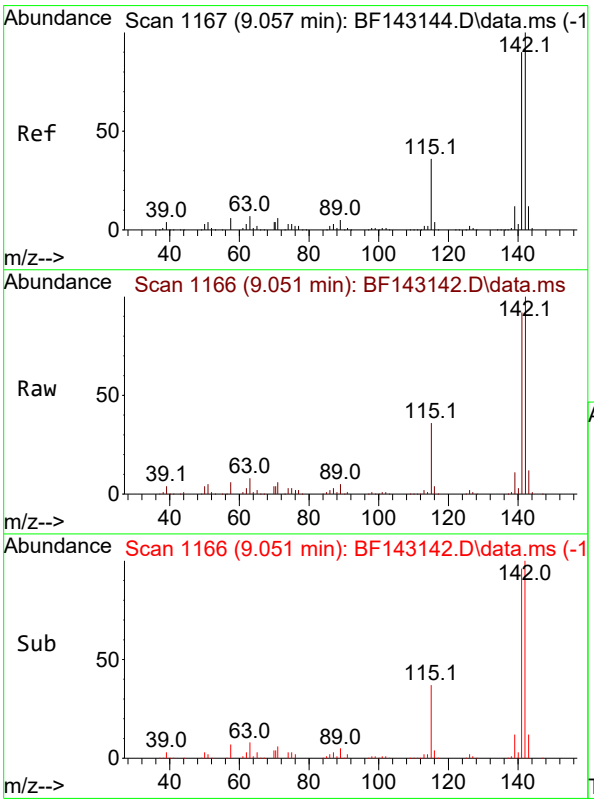
Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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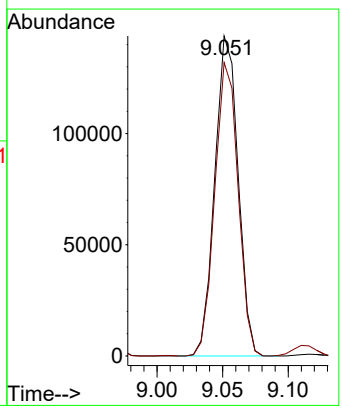
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

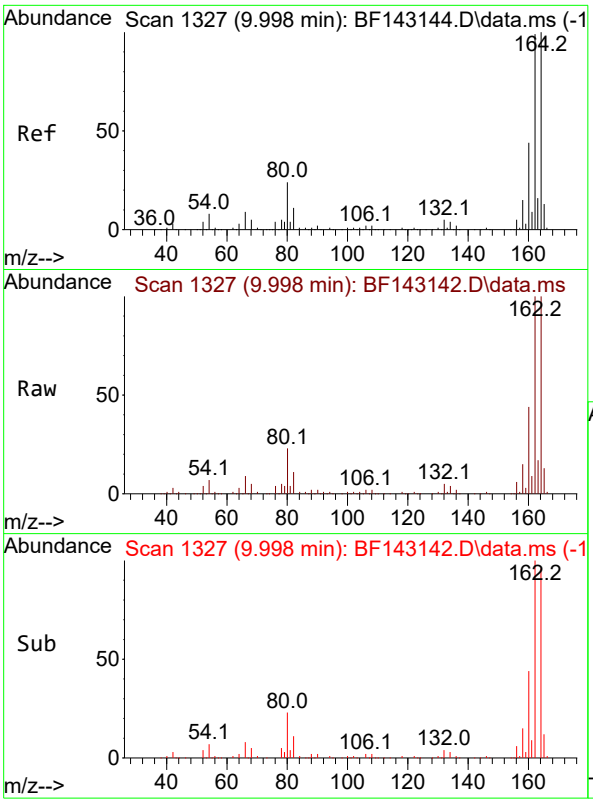


#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5

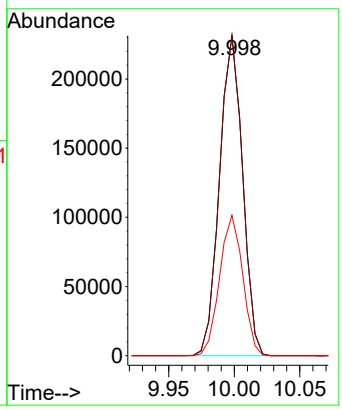




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:164 Resp: 28258

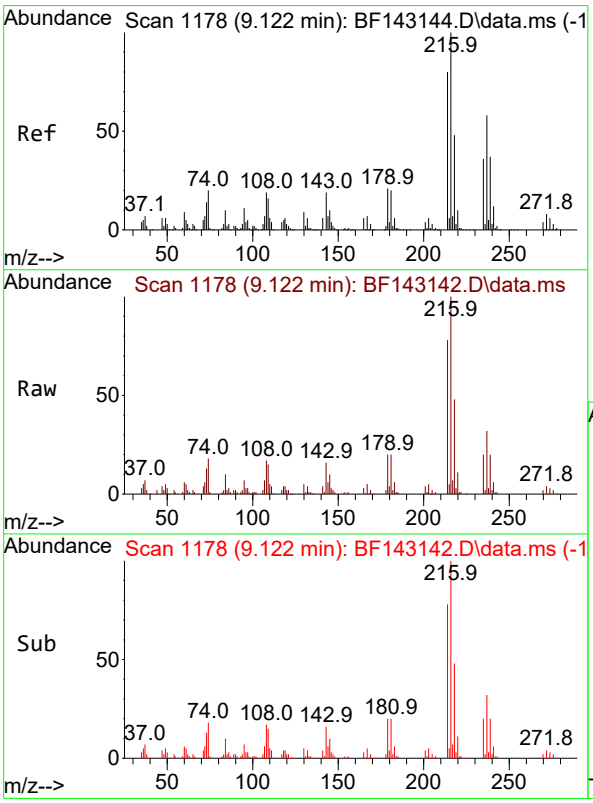
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

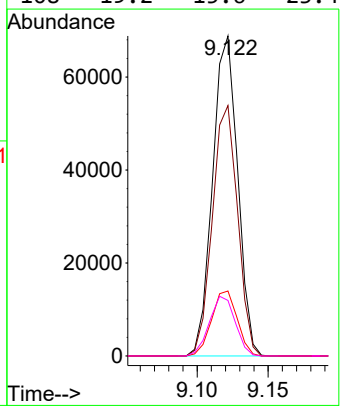
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

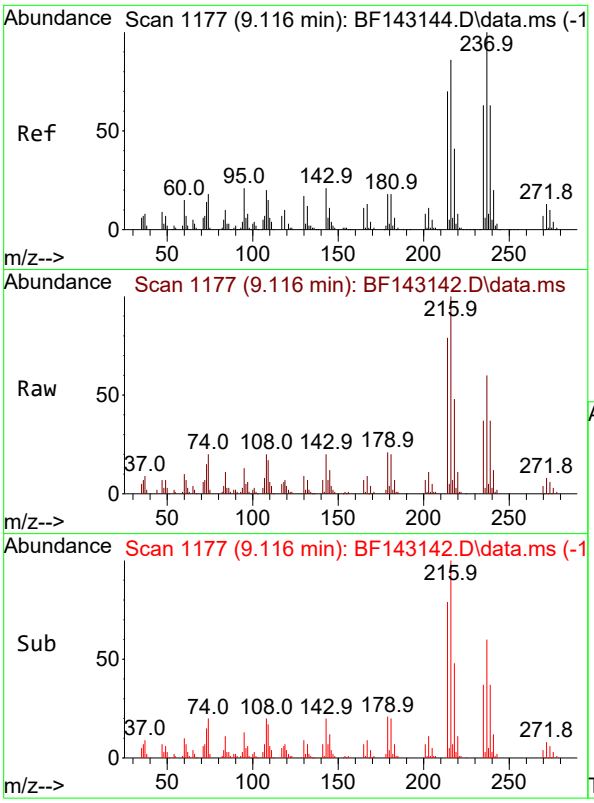


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.8	16.4	24.6
108	19.2	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

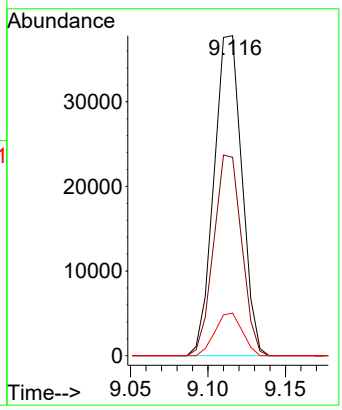
Tgt Ion:237 Resp: 4757

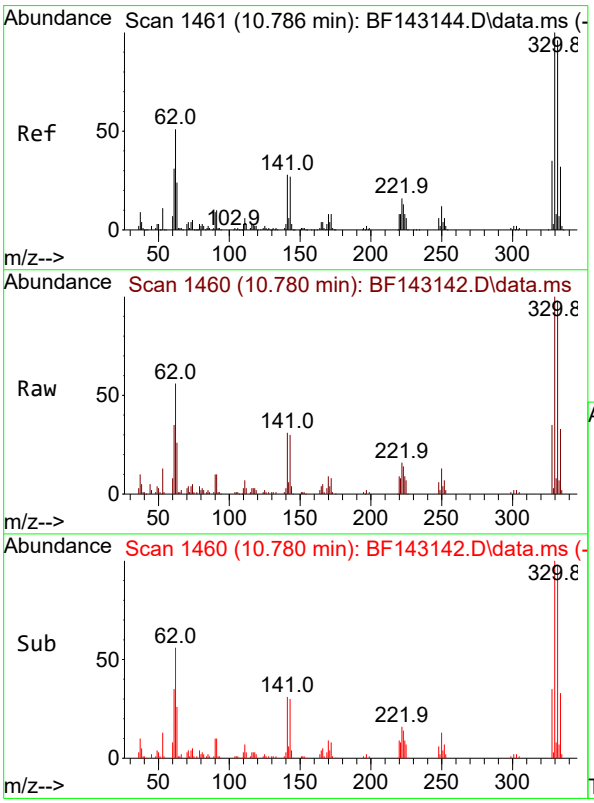
Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.0	83.0
272	13.3	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

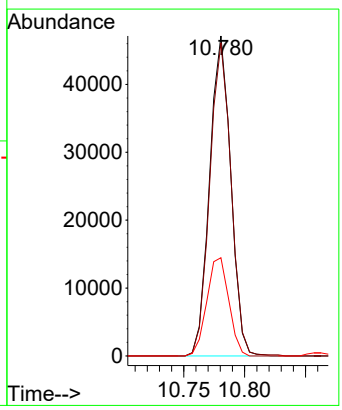


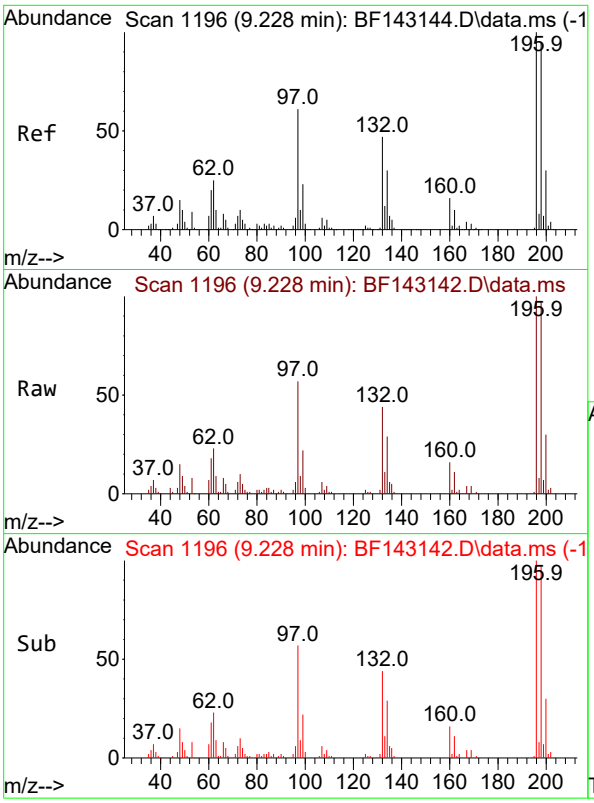


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.7	115.1
141	32.0	23.3	34.9

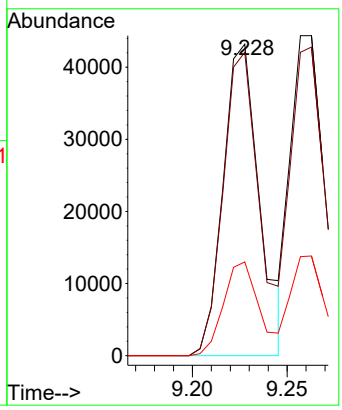




#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 5739

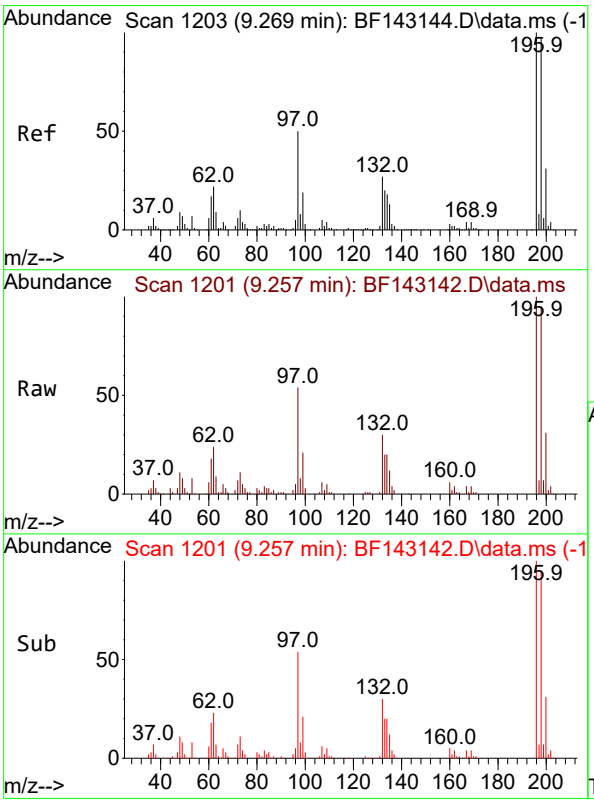
Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	30.1	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

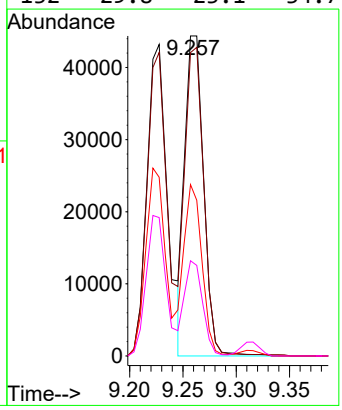
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

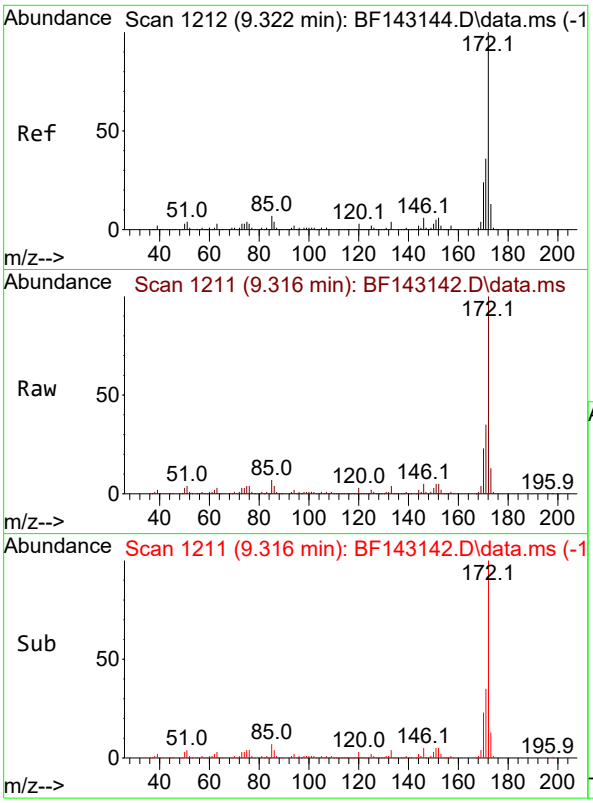


#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.5	40.3	60.5
132	29.8	23.1	34.7

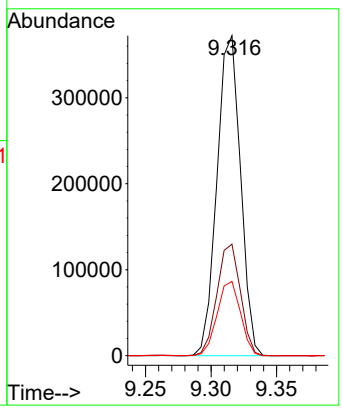




#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:172 Resp: 46466

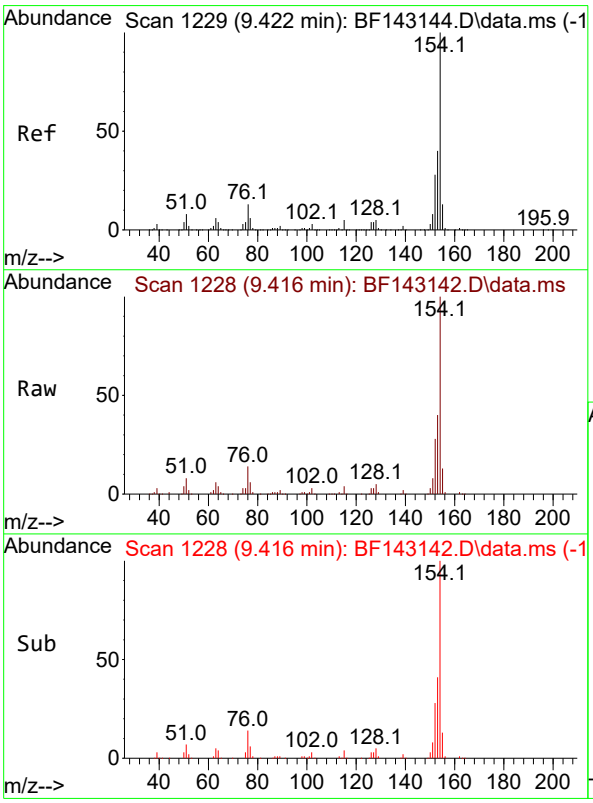
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

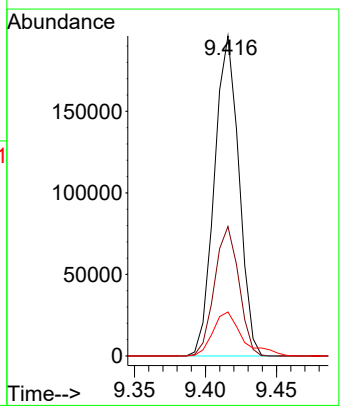
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

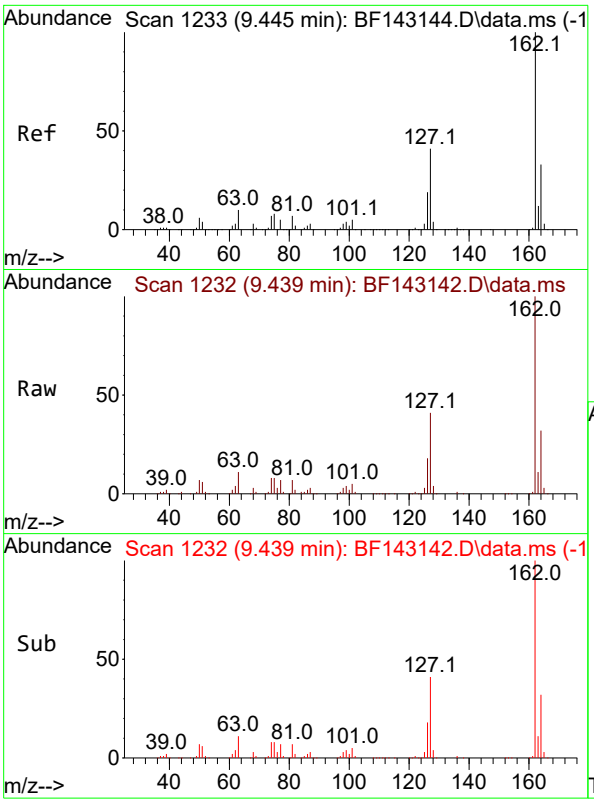


#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3

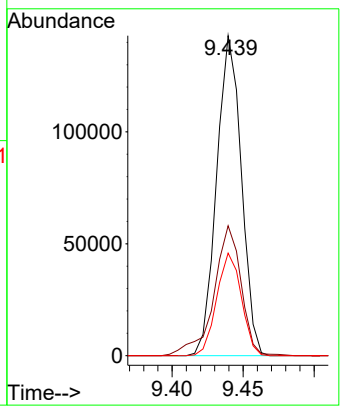




#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 17283

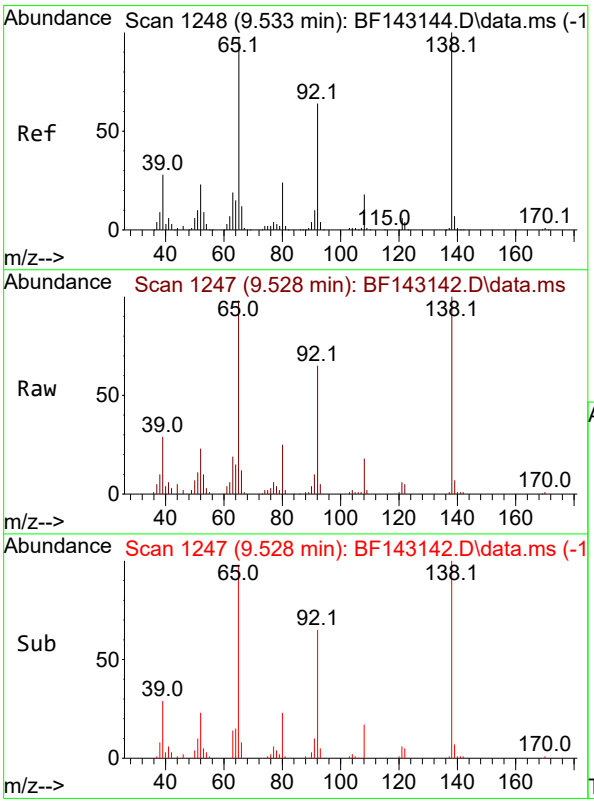
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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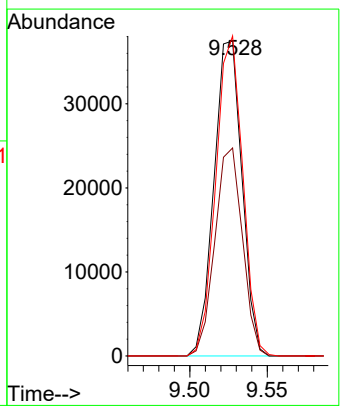
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

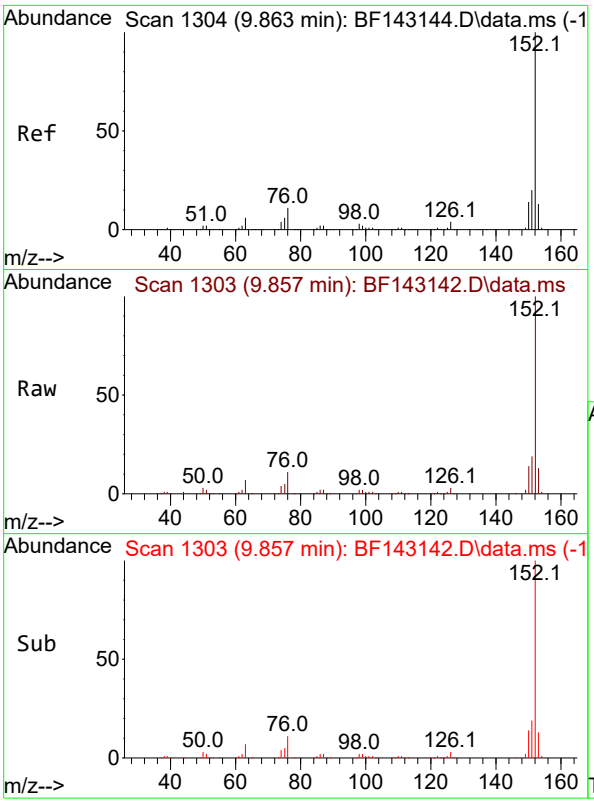


#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	101.6	82.3	123.5

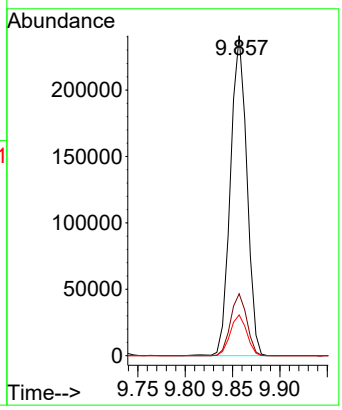




#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 28998

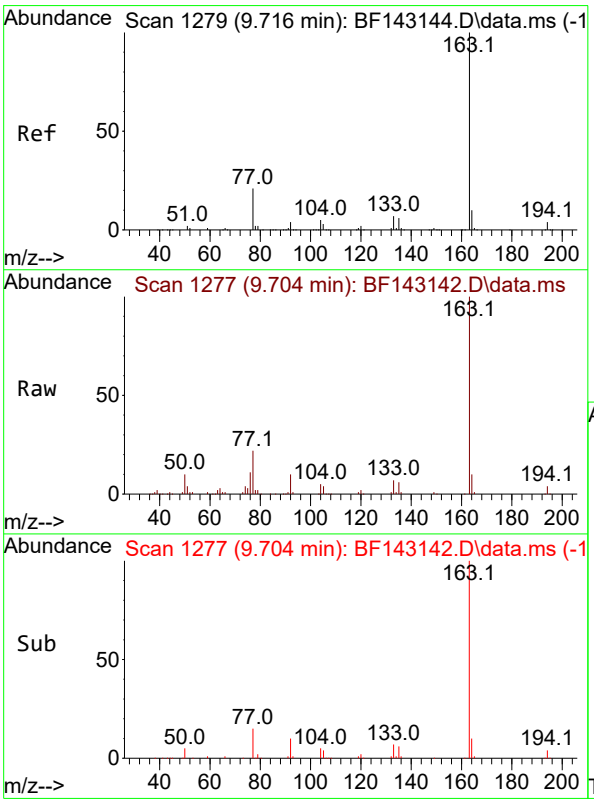
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

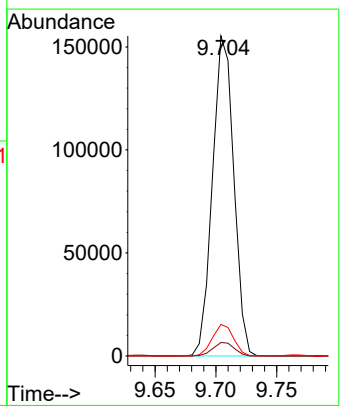
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

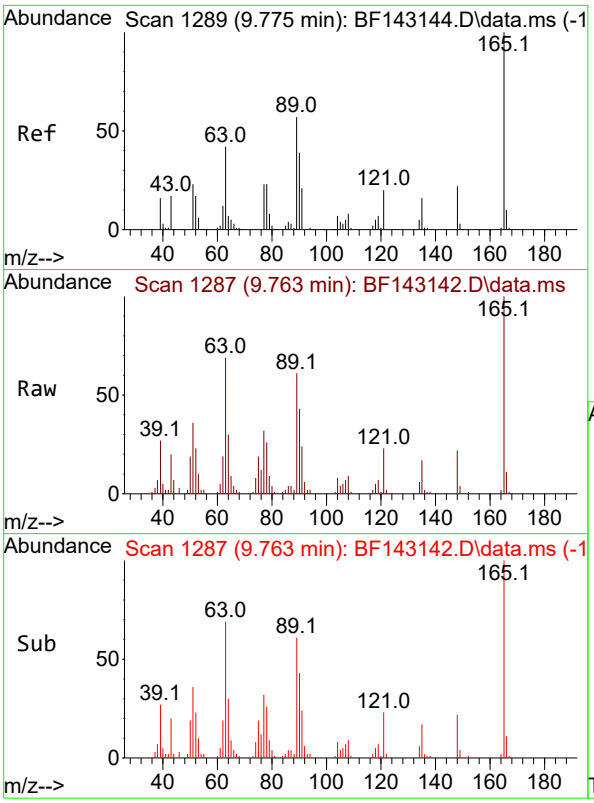


#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

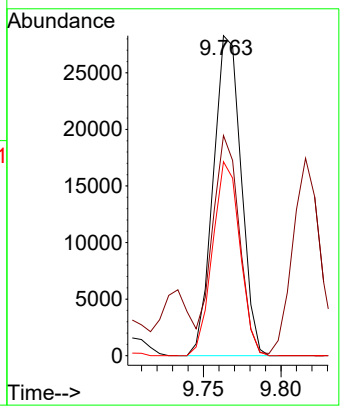
Tgt Ion:165 Resp: 3536

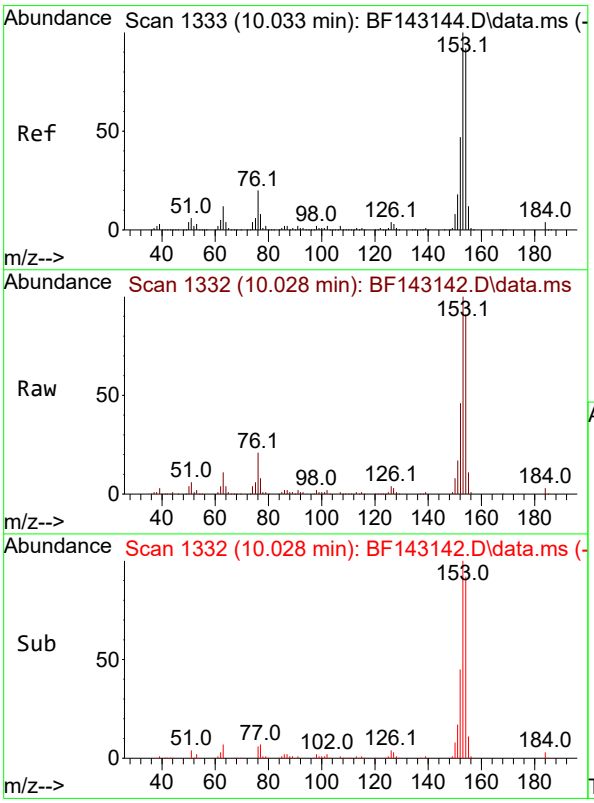
Ion	Ratio	Lower	Upper
165	100		
63	68.8	49.4	74.2
89	60.6	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

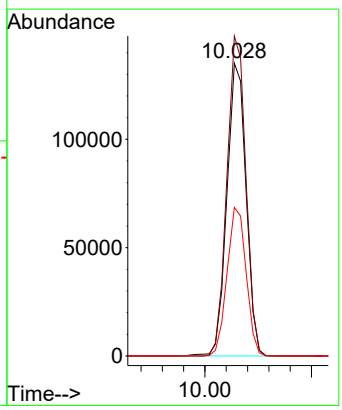


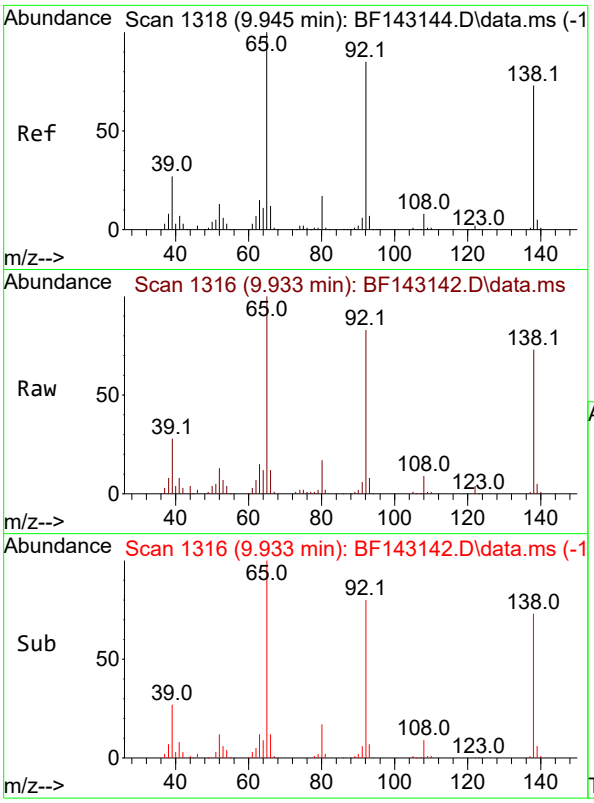


#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

Ion	Ratio	Lower	Upper
154	100		
153	109.3	86.6	129.8
152	50.8	40.4	60.6





#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

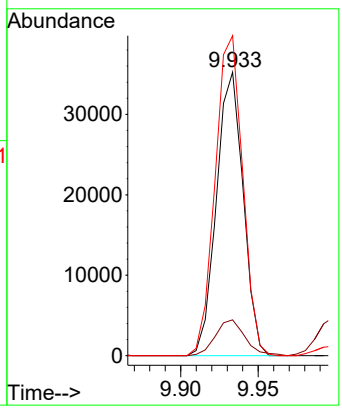
Tgt Ion:138 Resp: 4236

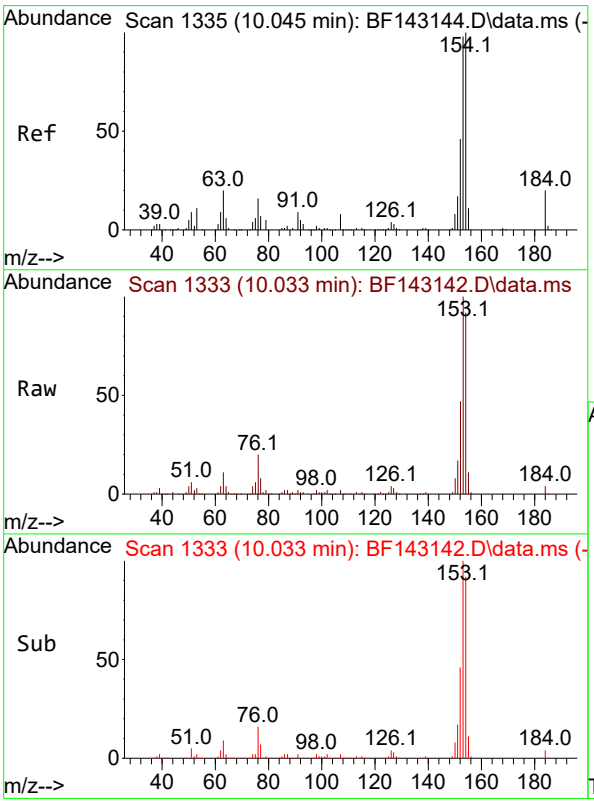
Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.0	13.6
92	112.9	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

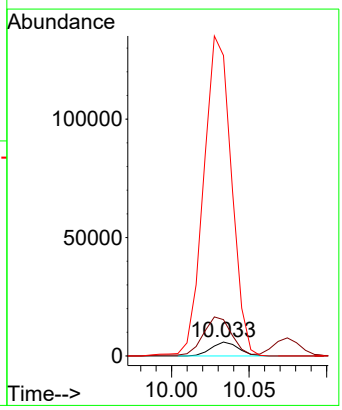


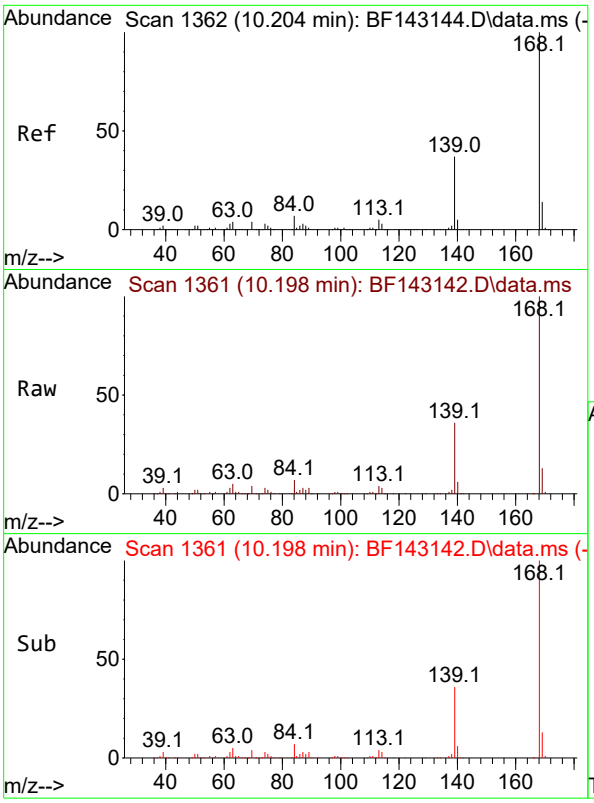


#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

Ion	Ratio	Lower	Upper
184	100		
63	261.5	81.8	122.6#
154	2164.9	412.2	618.4#

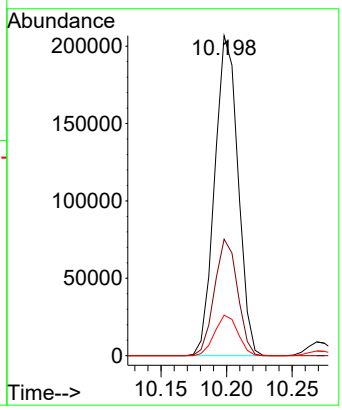




#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:168 Resp: 25527

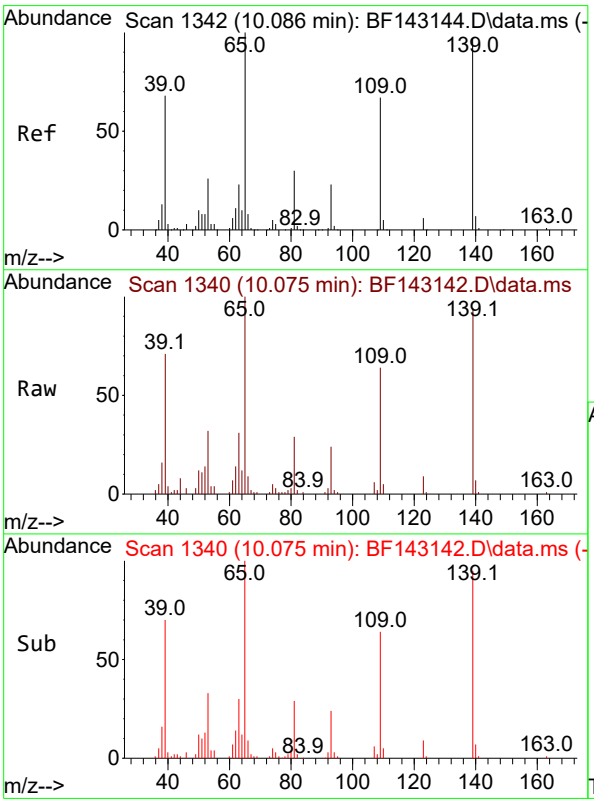
Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	12.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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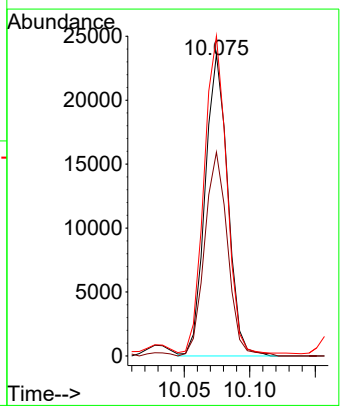
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

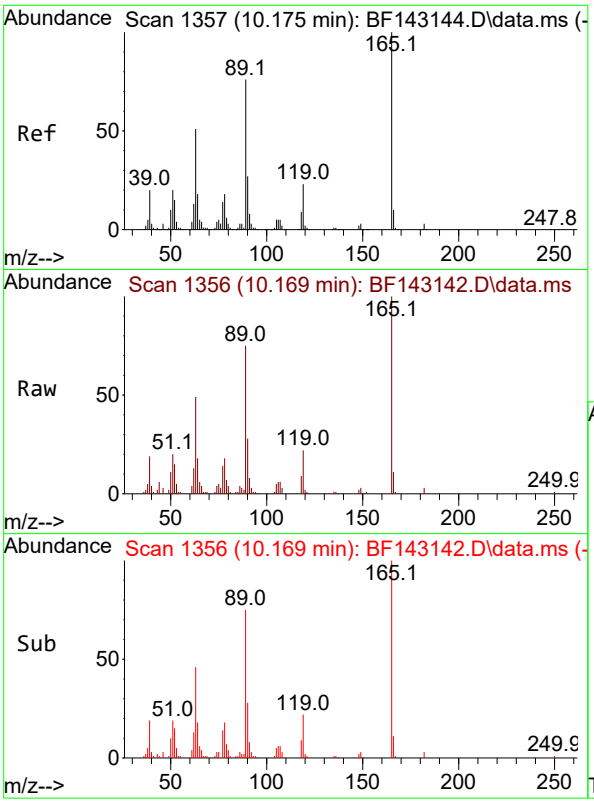


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

Ion	Ratio	Lower	Upper
139	100		
109	67.5	48.5	88.5
65	106.0	83.4	123.4

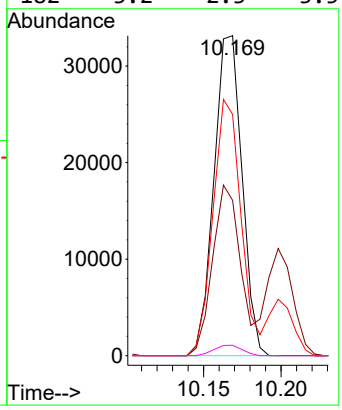




#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 4181

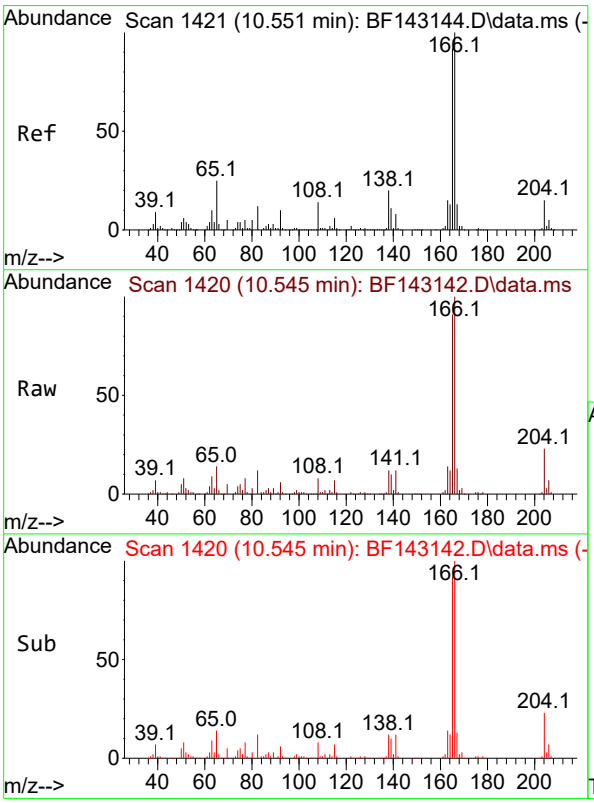
Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	75.4	61.1	91.7
182	3.2	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

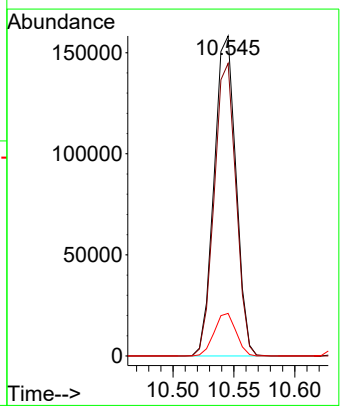
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

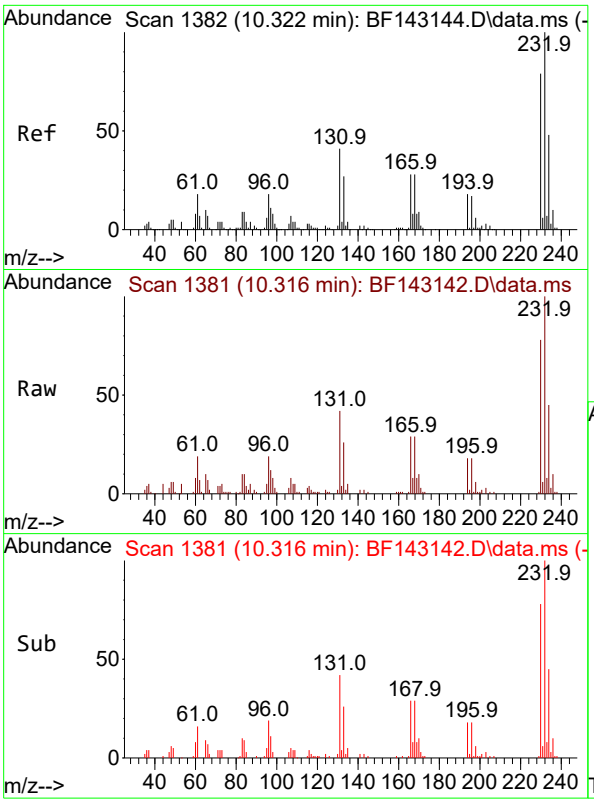


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	13.3	10.6	16.0

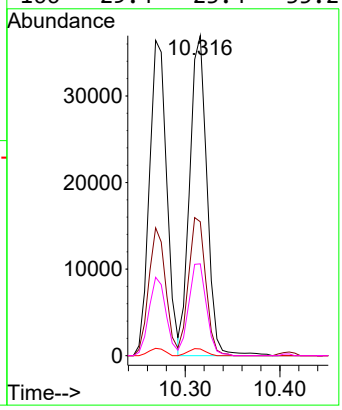




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:232 Resp: 4672

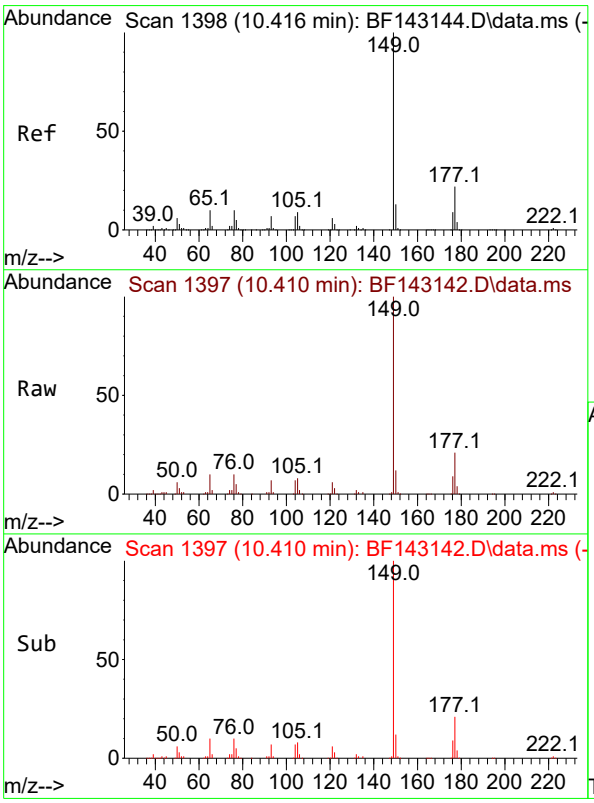
Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.3	52.9
130	2.2	1.7	2.5
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

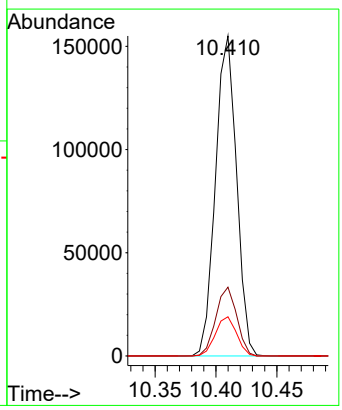
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

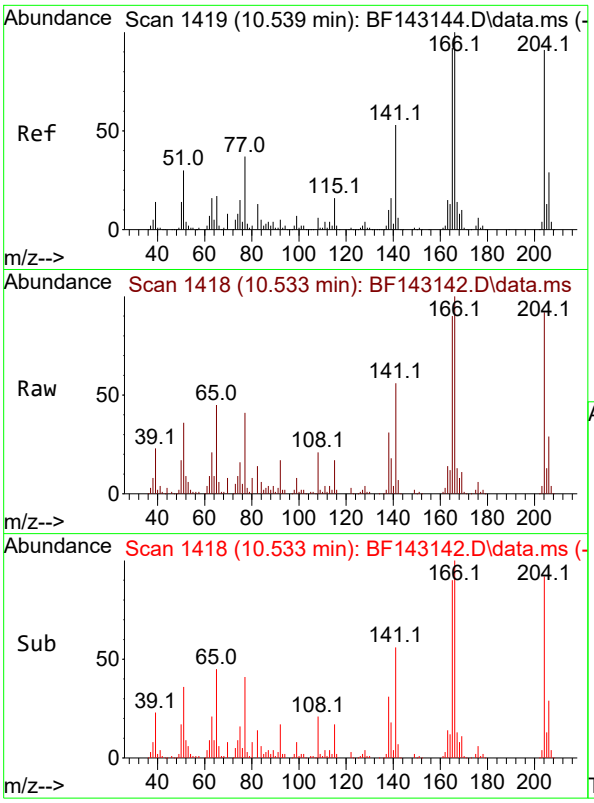


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.3	10.2	15.2

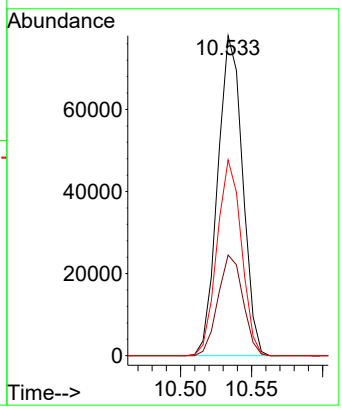




#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:204 Resp: 9468

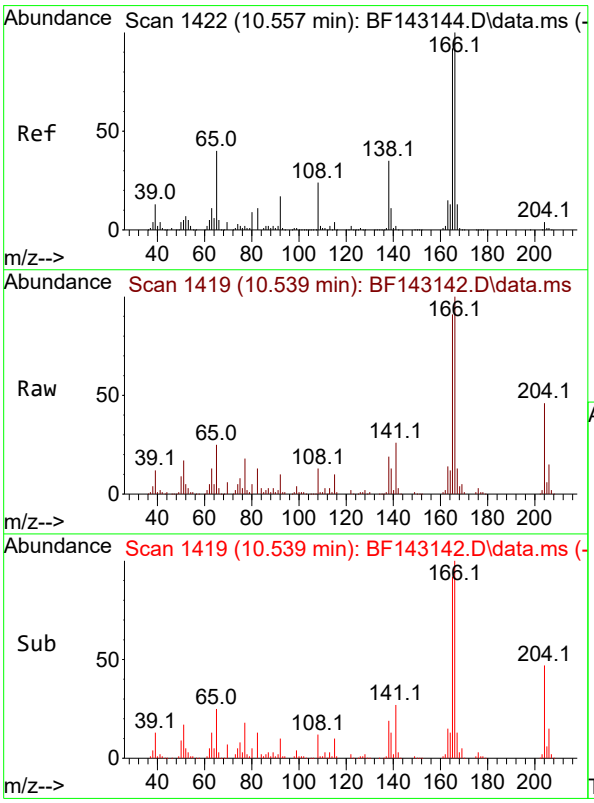
Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.8
141	61.2	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

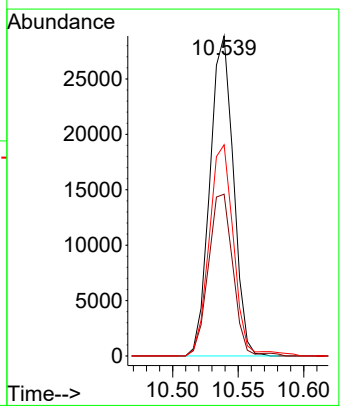
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

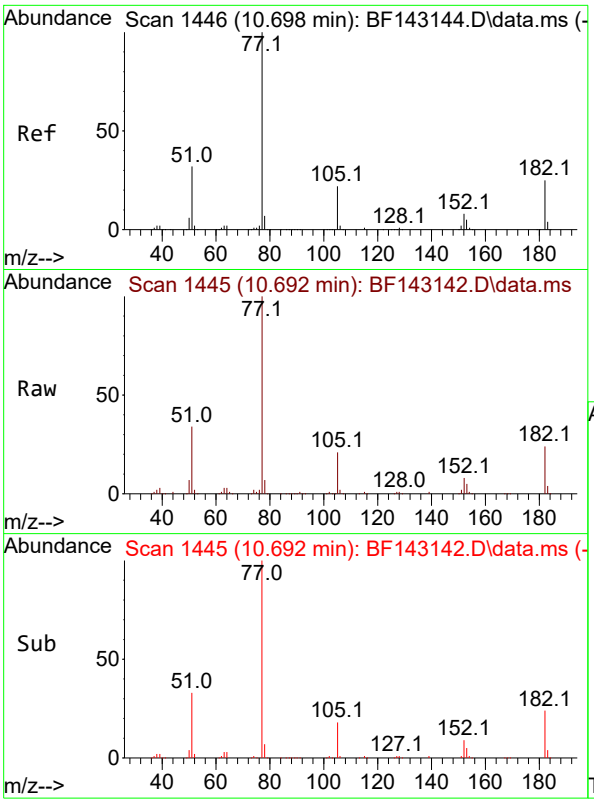


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	66.0	48.3	88.3

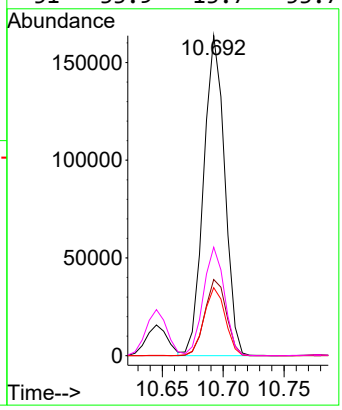




#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 19799

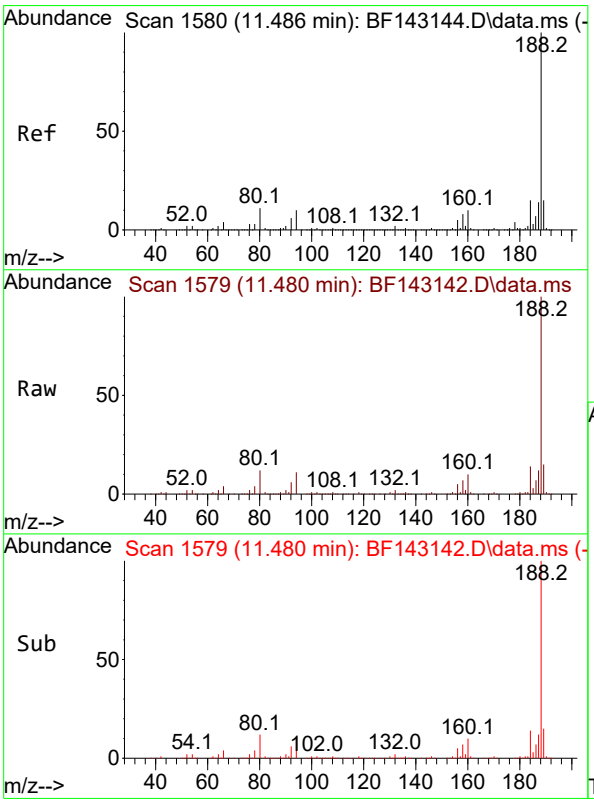
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	21.2	1.4	41.4
51	33.9	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

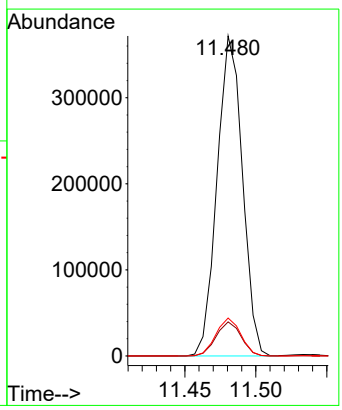
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

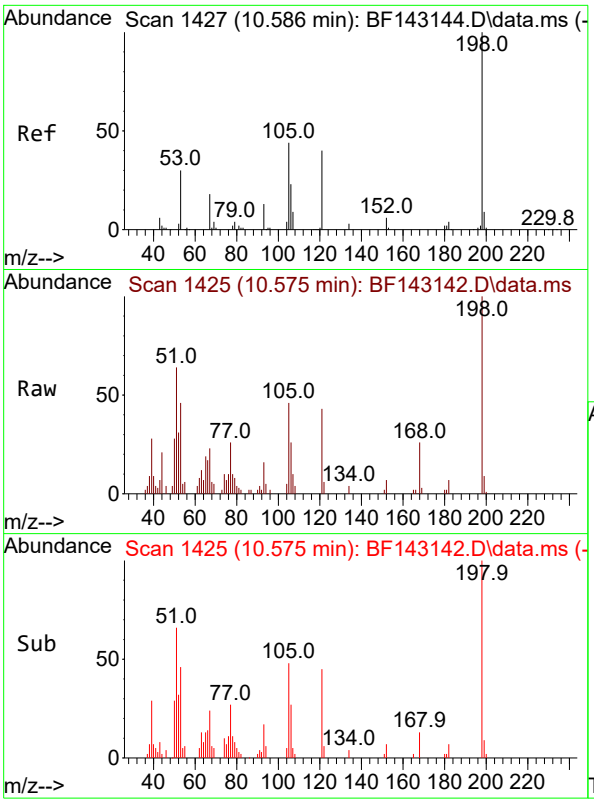


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.8	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

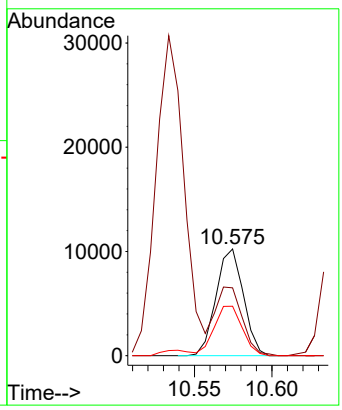
Tgt Ion:198 Resp: 1254

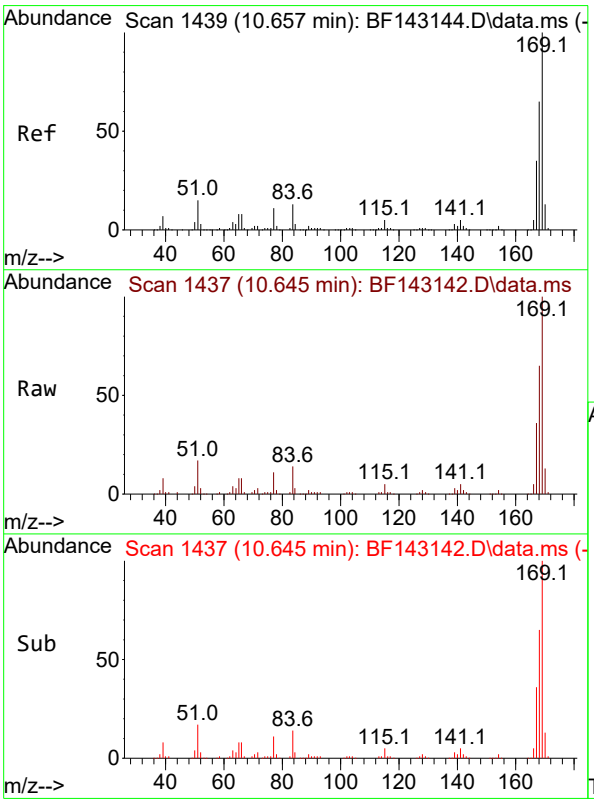
Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.2	77.2
105	46.4	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

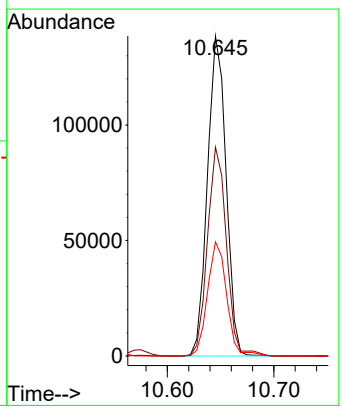


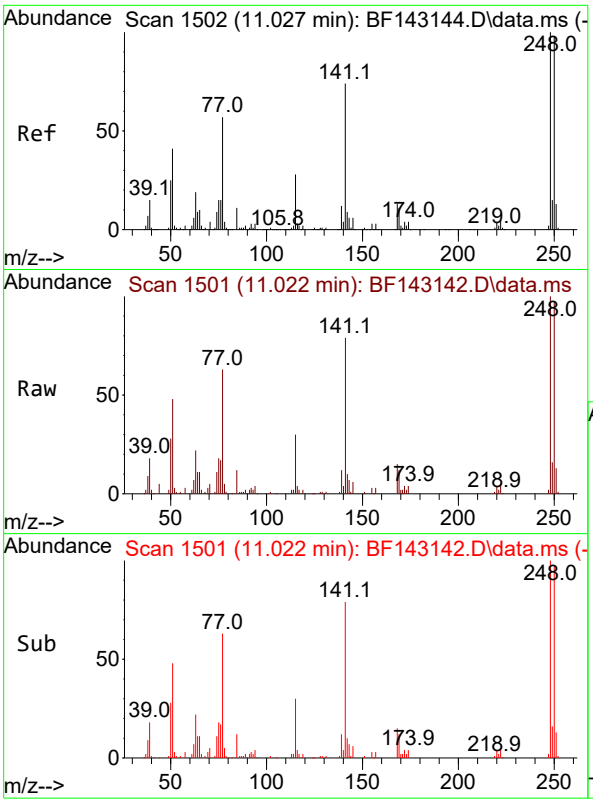


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.6	28.2	42.2

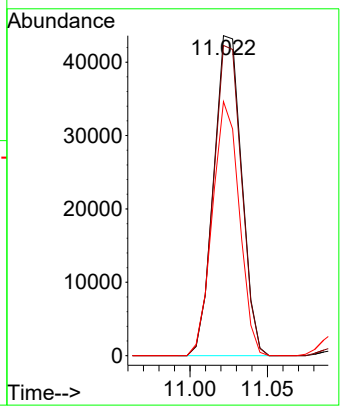




#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:248 Resp: 5484

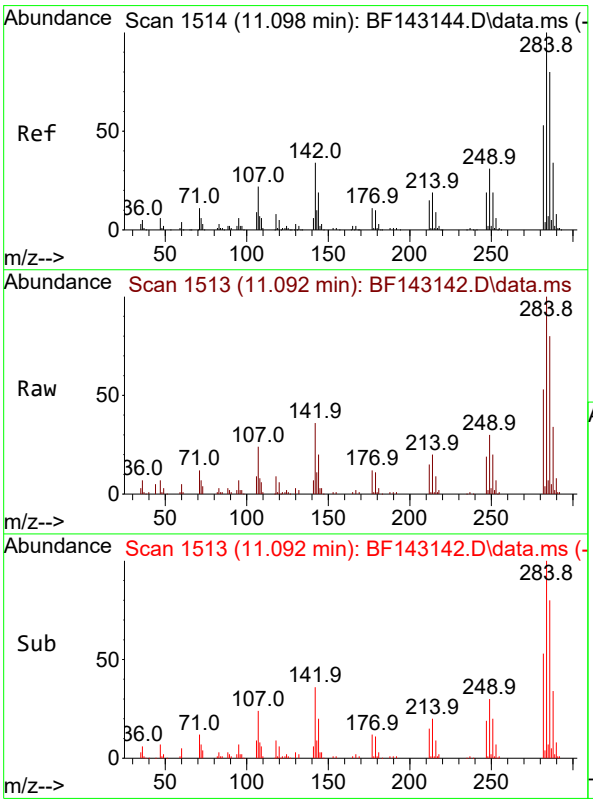
Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	79.4	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

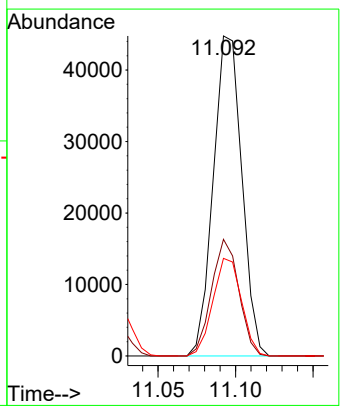
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

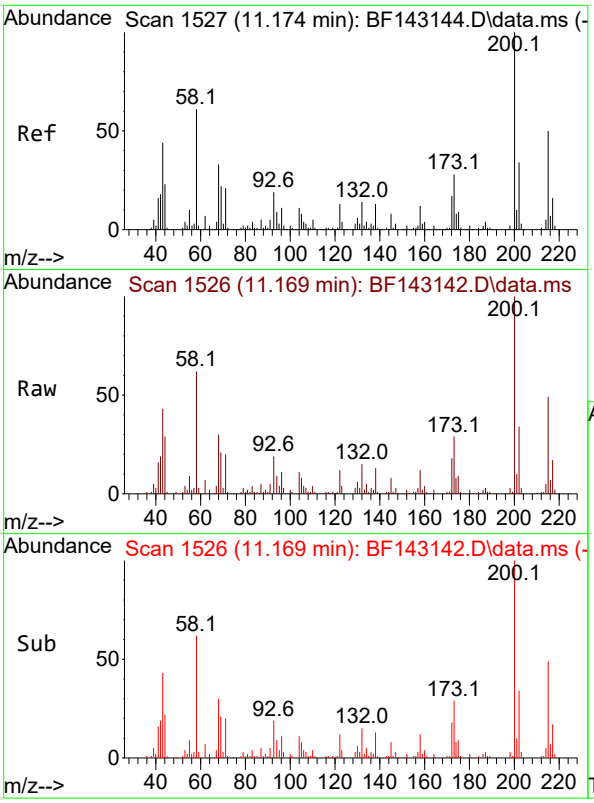


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.0	40.6
249	30.5	25.0	37.6

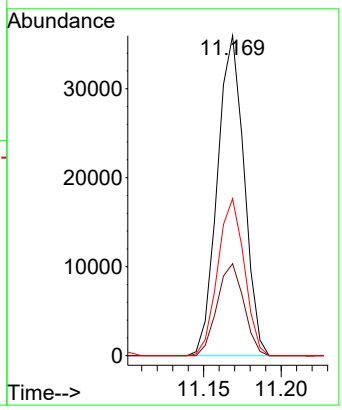




#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:200 Resp: 4304

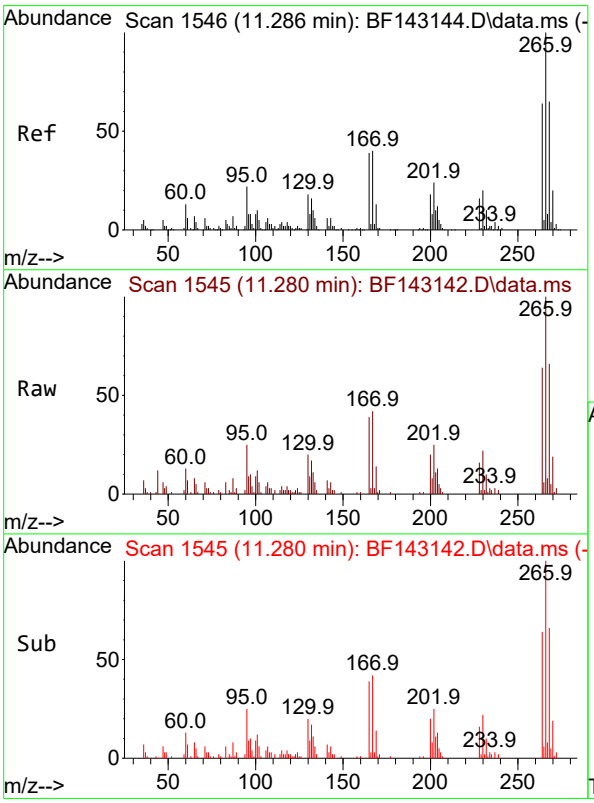
Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	49.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

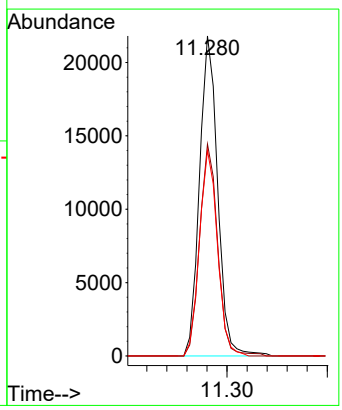
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

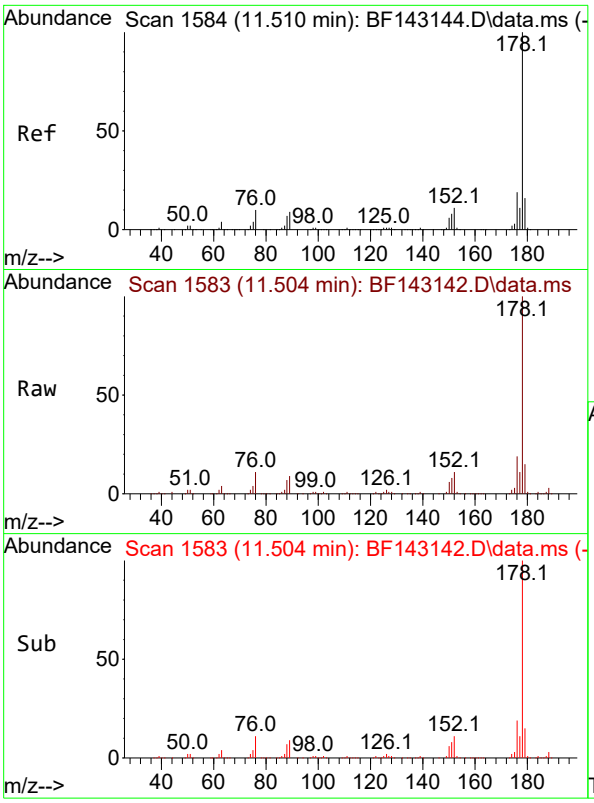


#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	64.3	51.0	76.6

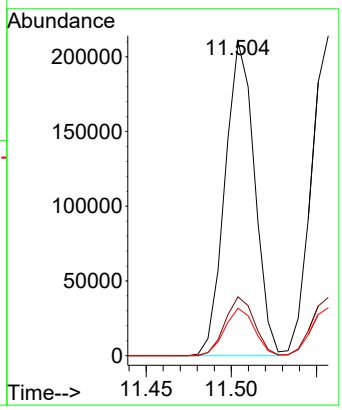




#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 25375

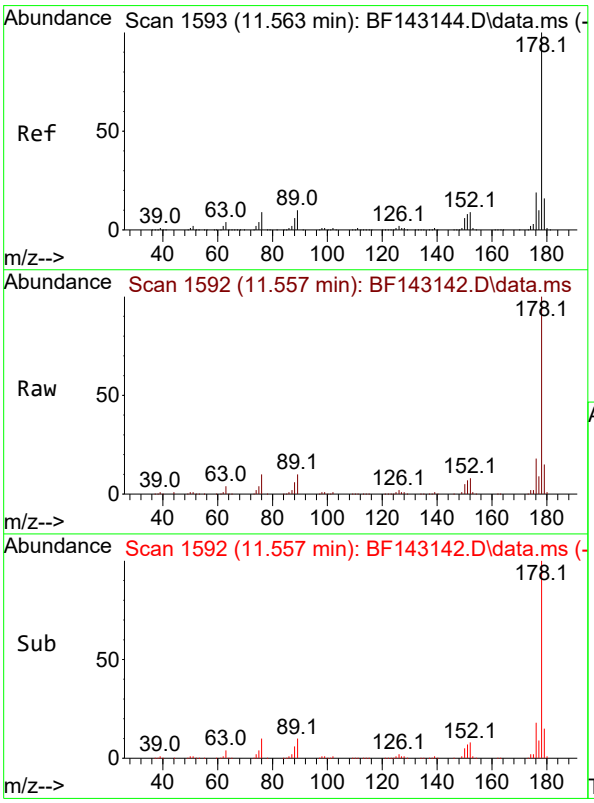
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

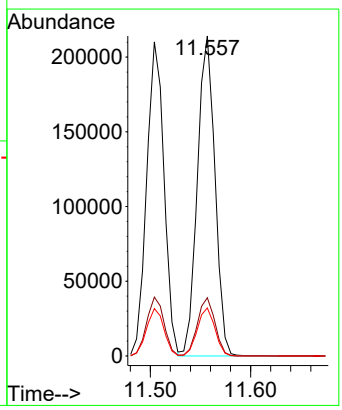
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

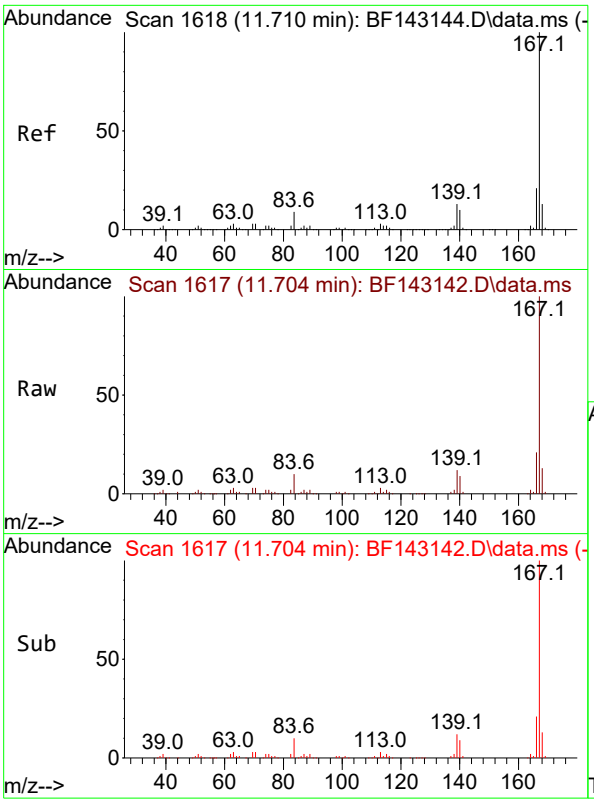


#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.5	18.7

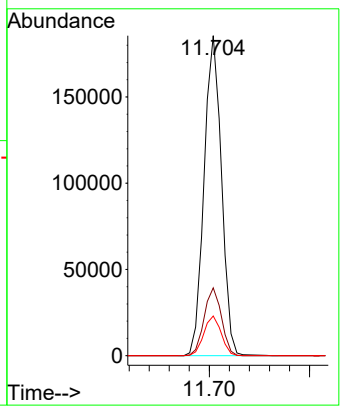




#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:167 Resp: 22337

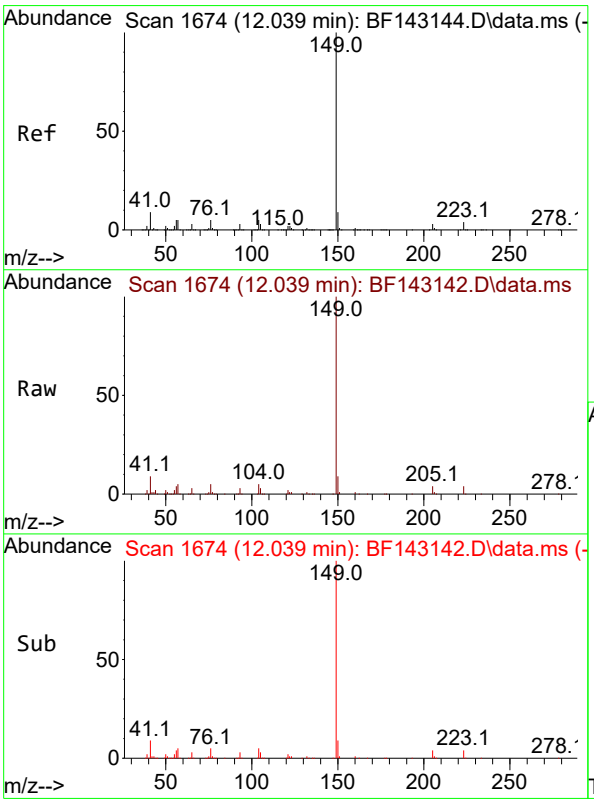
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

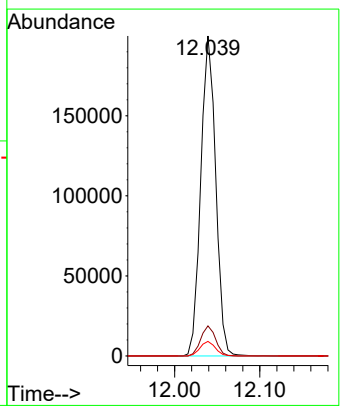
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

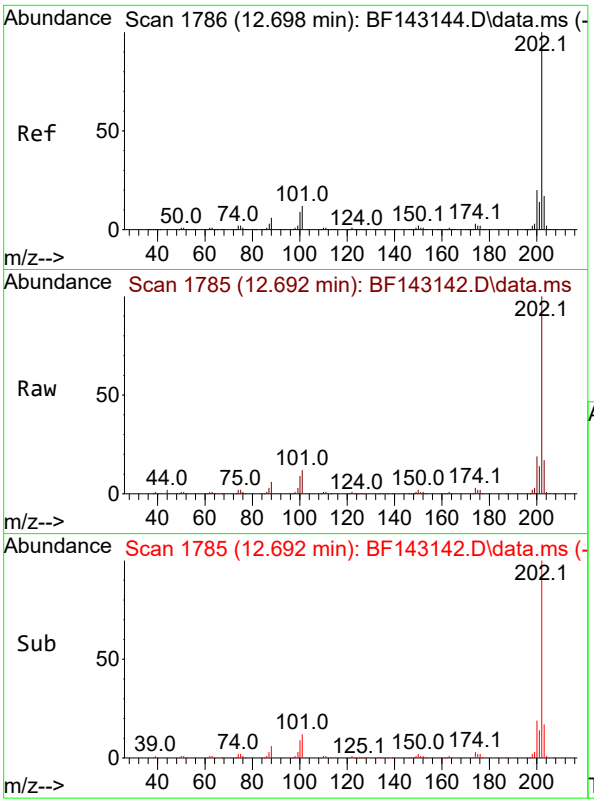


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	3.8	5.8

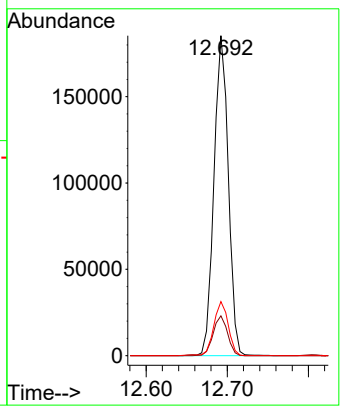




#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 22770

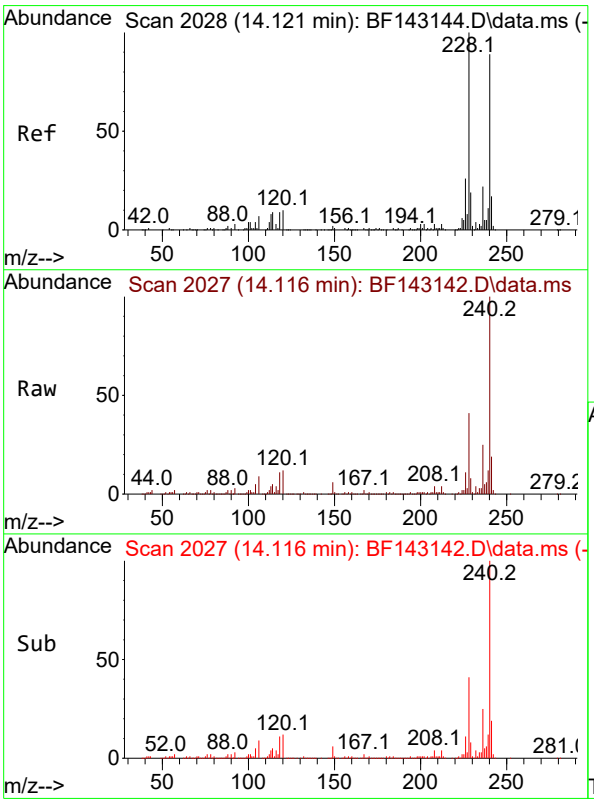
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	16.9	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

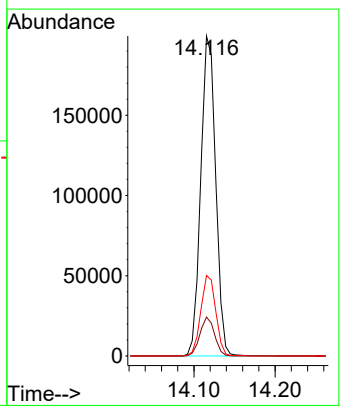
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

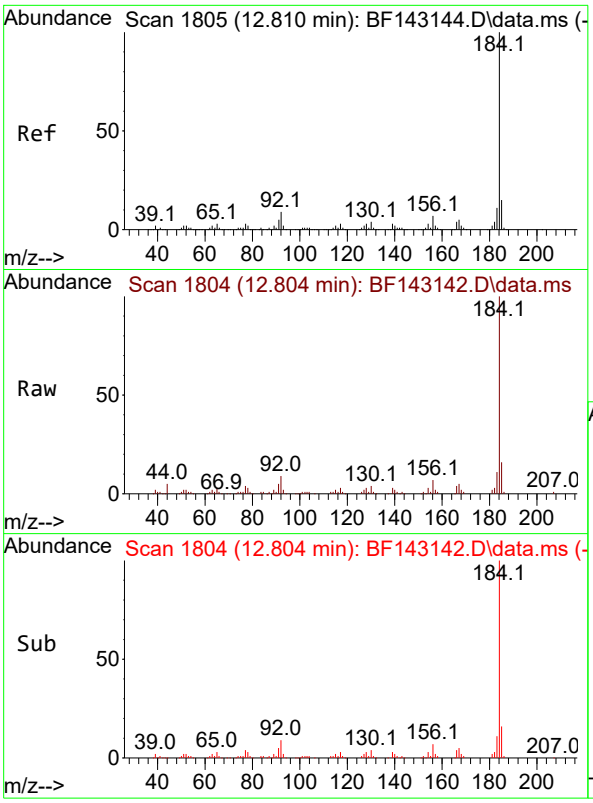


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.1	20.2	30.4

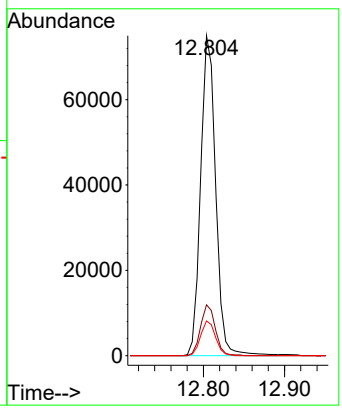




#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 9648

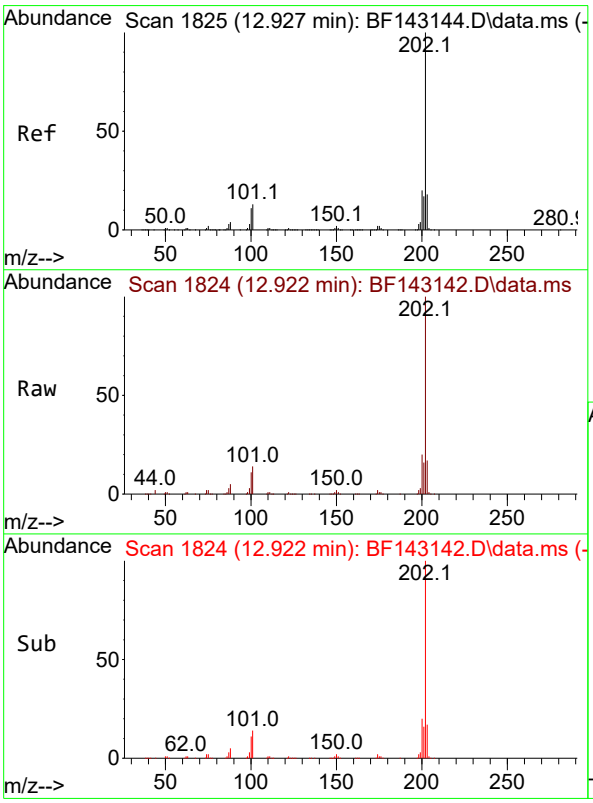
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

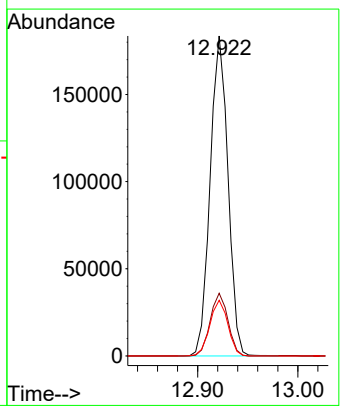
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

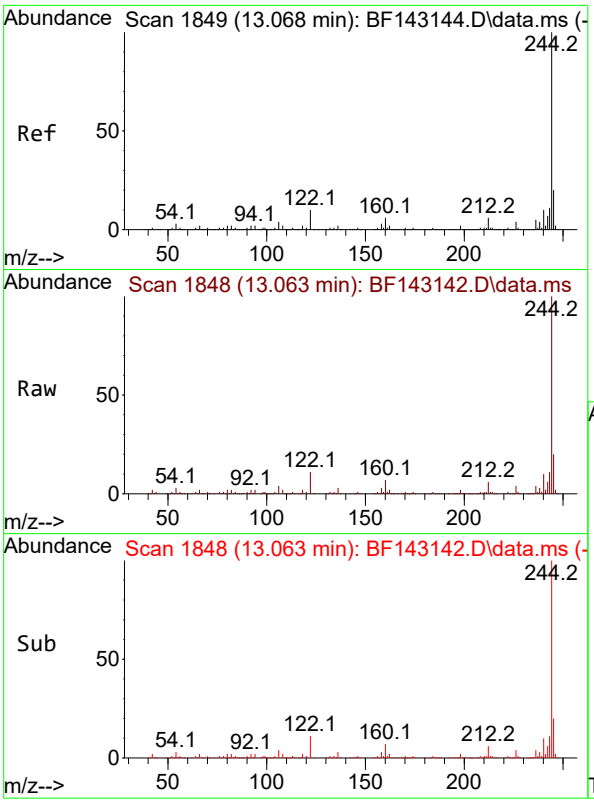


#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	14.2	21.2

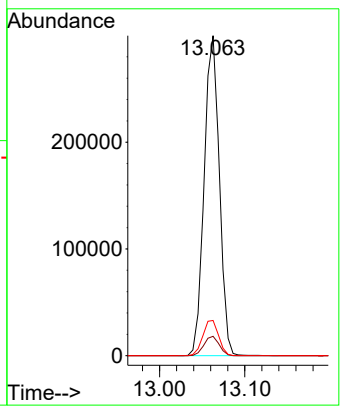




#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:244 Resp: 37080

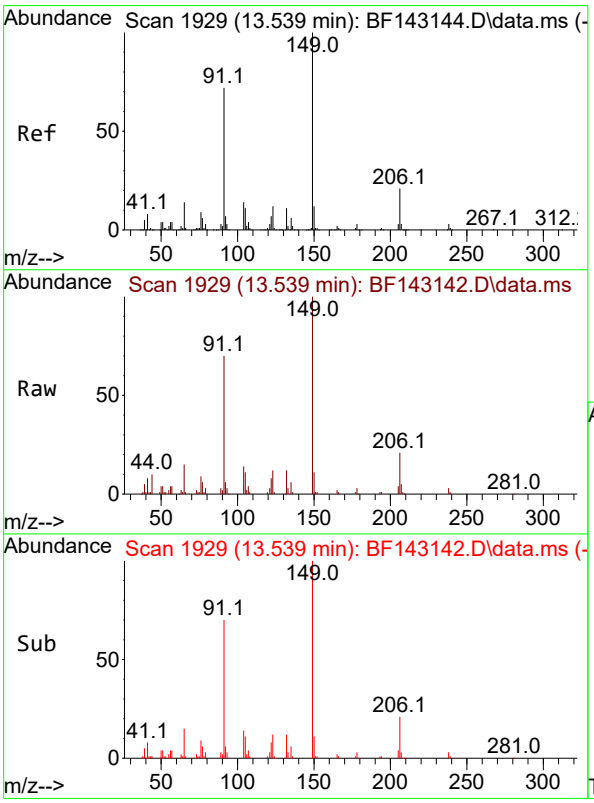
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	11.0	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

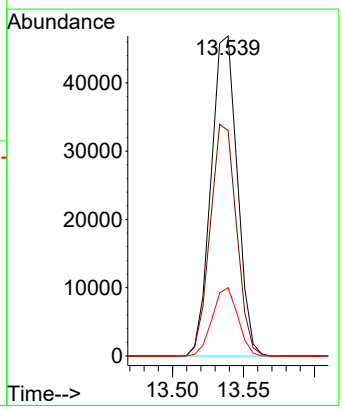
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

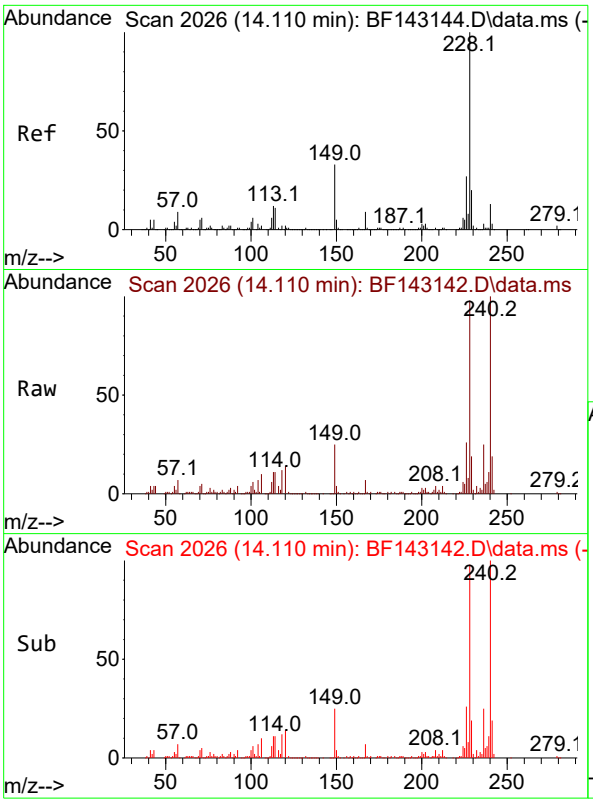


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.3	17.0	25.4

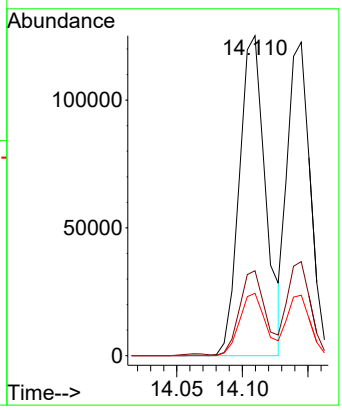




#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 17402

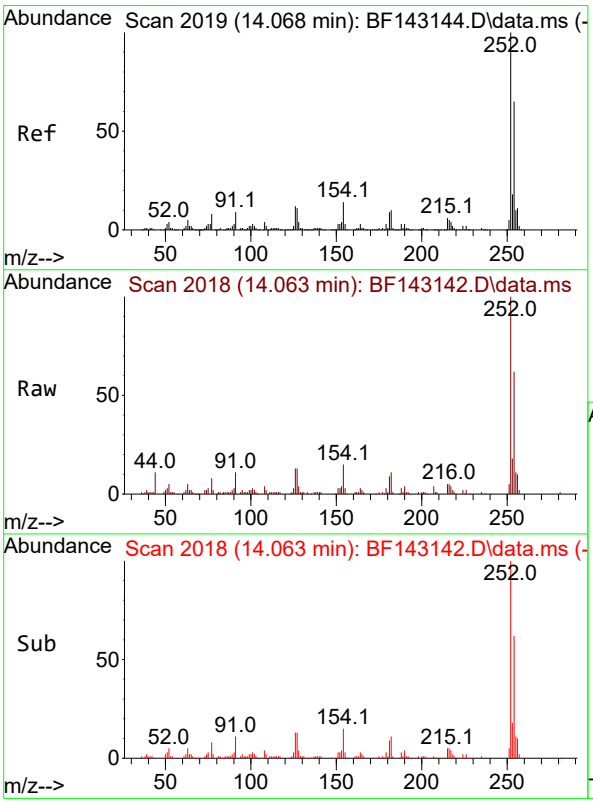
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

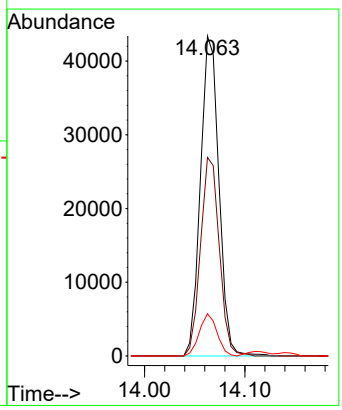
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

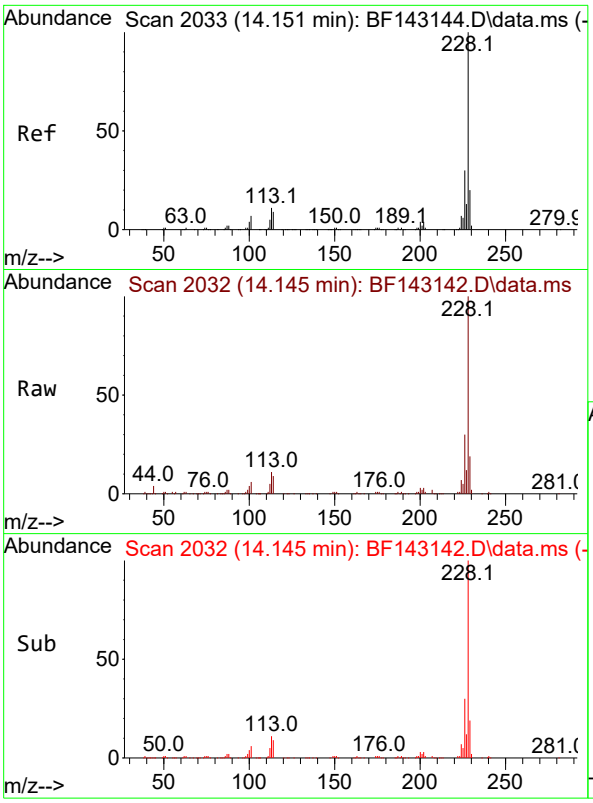


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	13.2	9.4	14.0

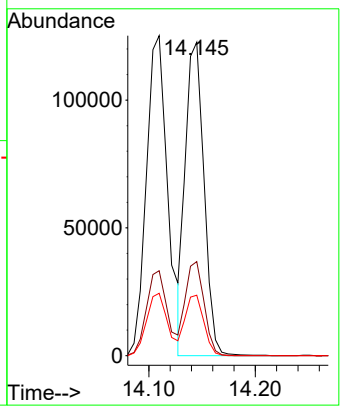




#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 14944(

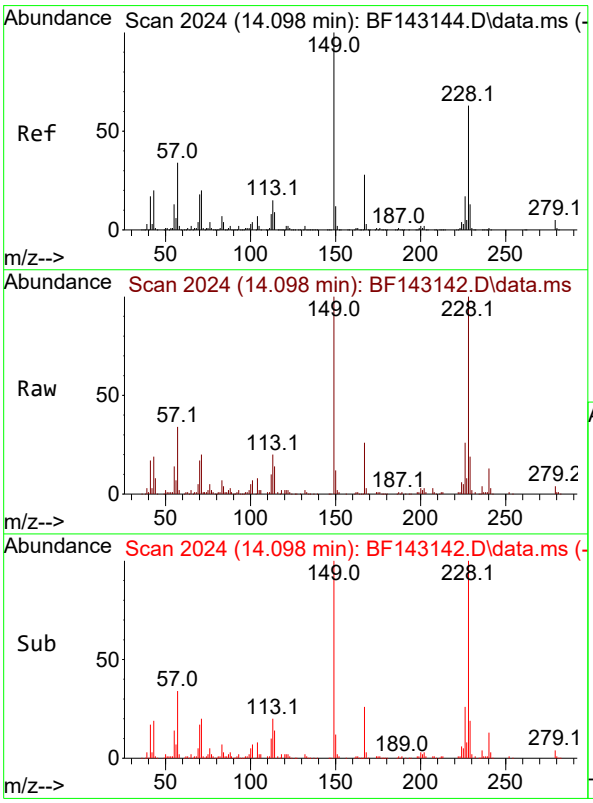
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

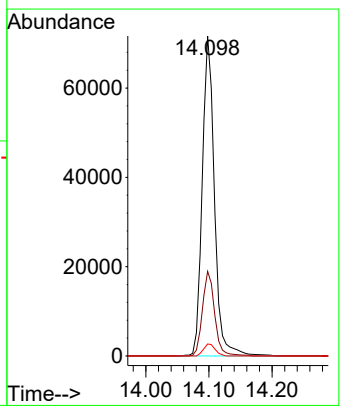
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

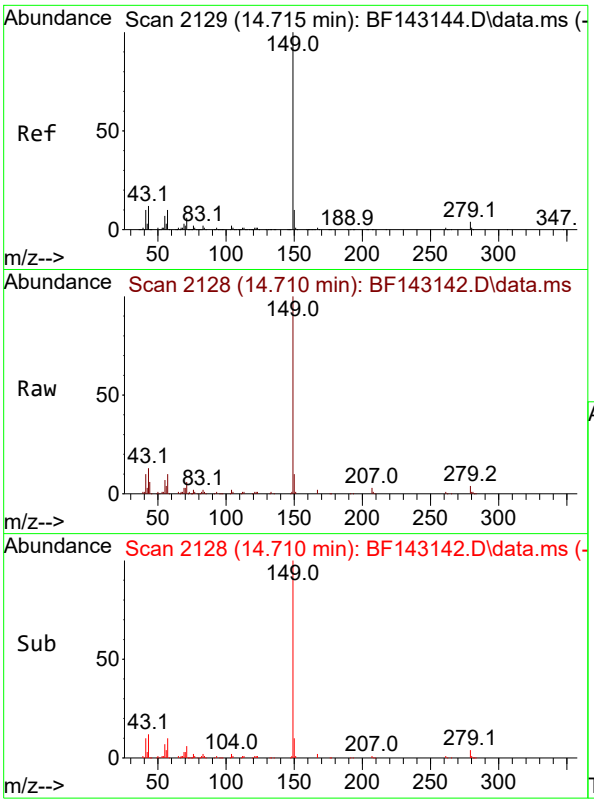


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.7	3.6	5.4

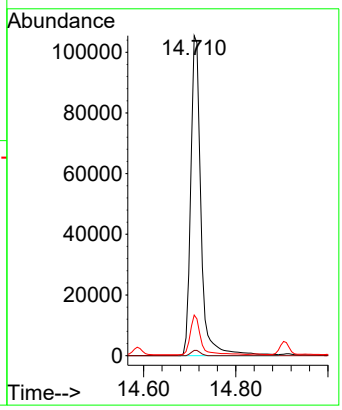




#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 16215

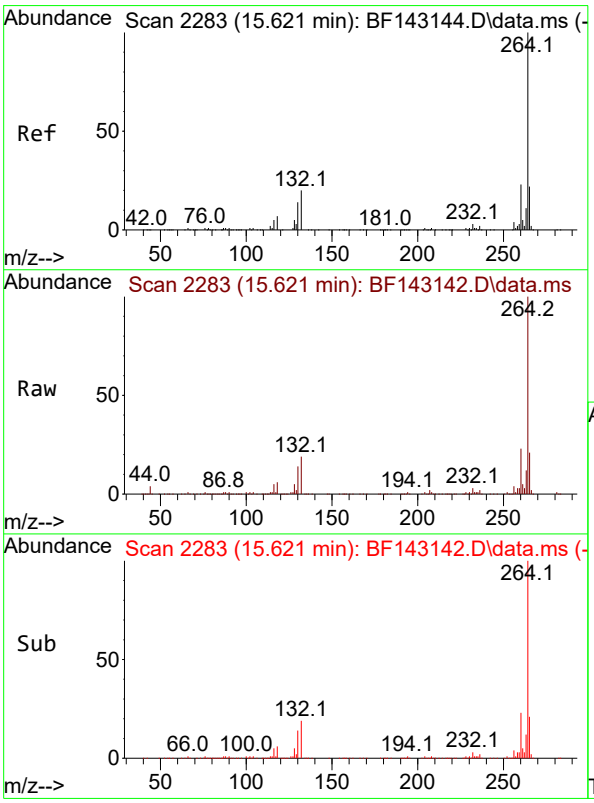
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

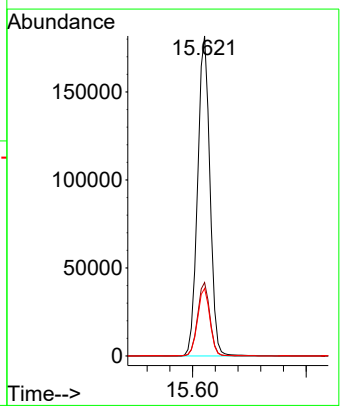
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

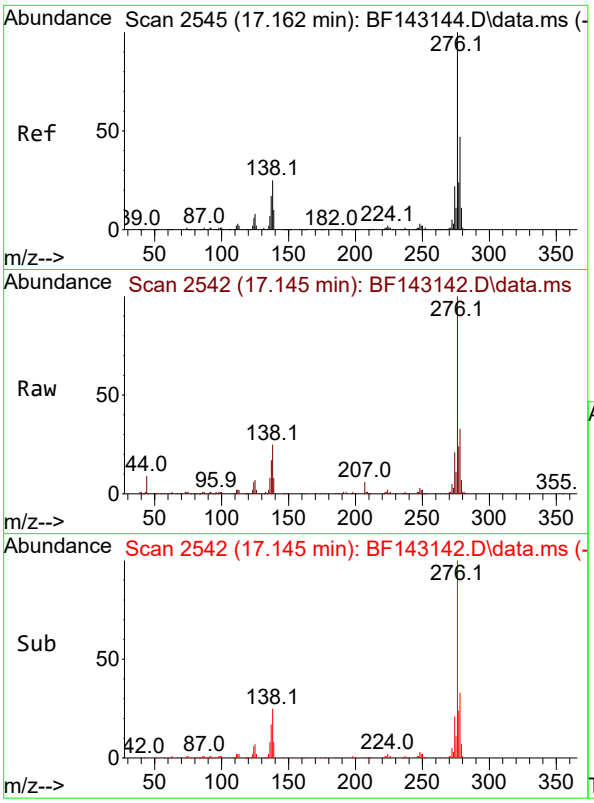


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.1	17.4	26.2

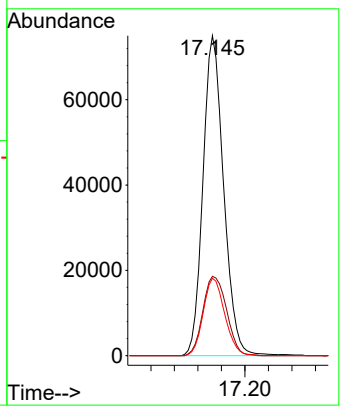




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 18286

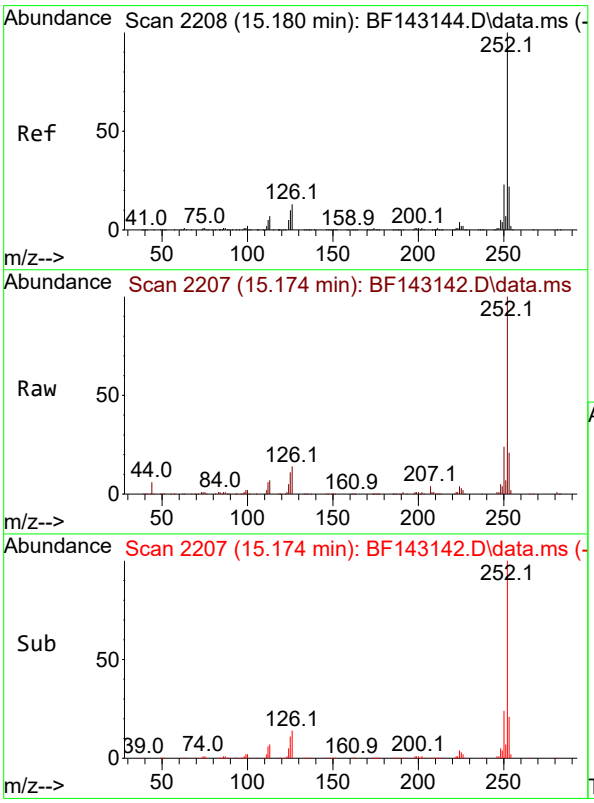
Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	25.1	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

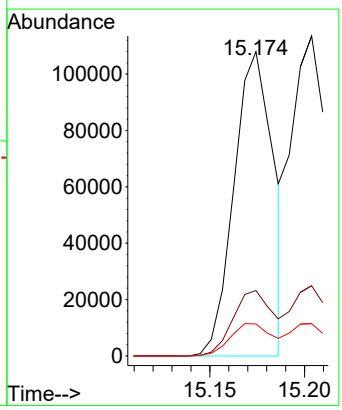
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

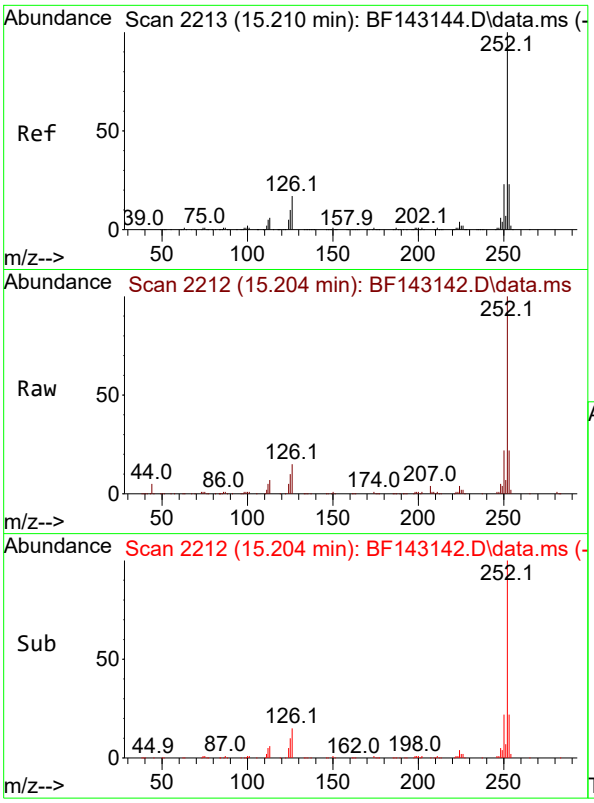


#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	8.0	12.0

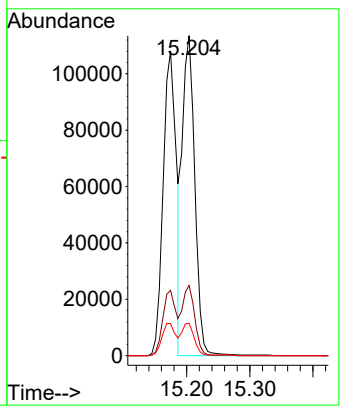




#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 15766

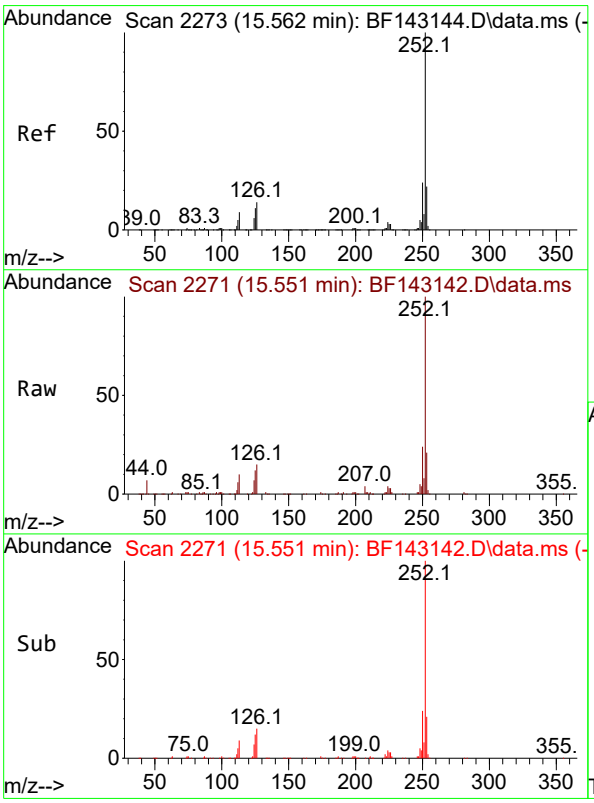
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

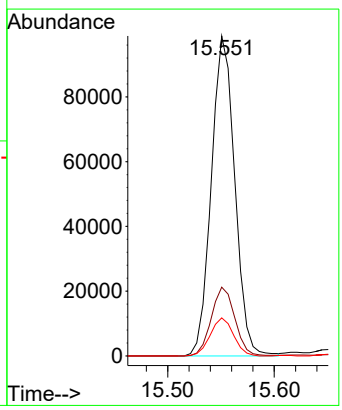
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

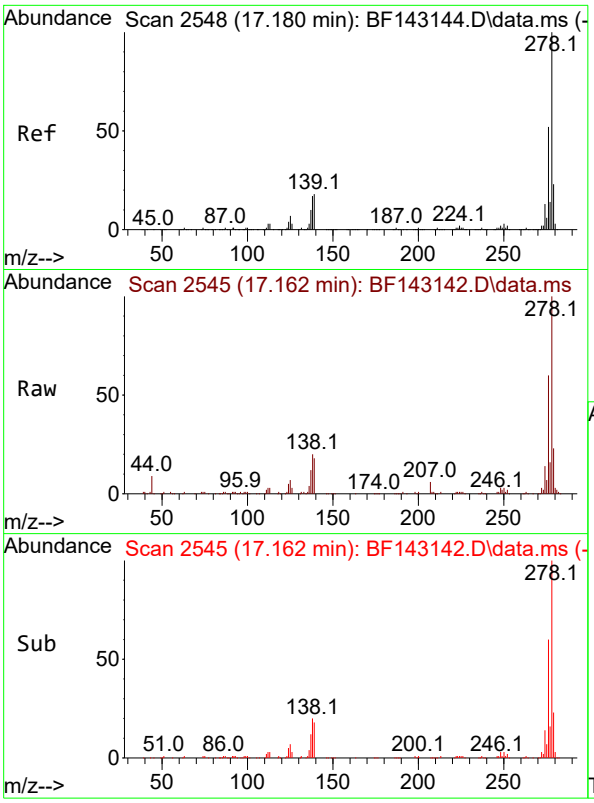


#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	8.6	13.0

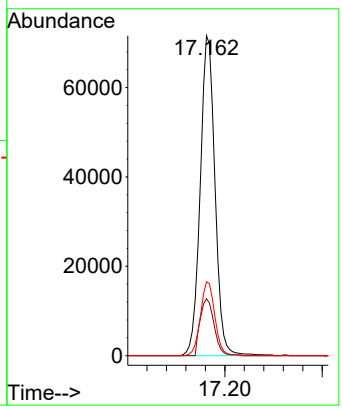




#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:278 Resp: 15097

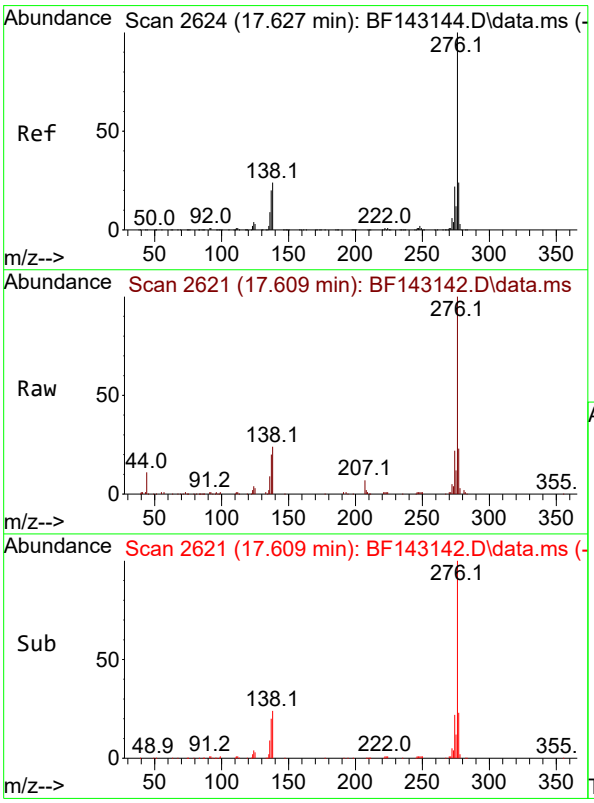
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.1	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

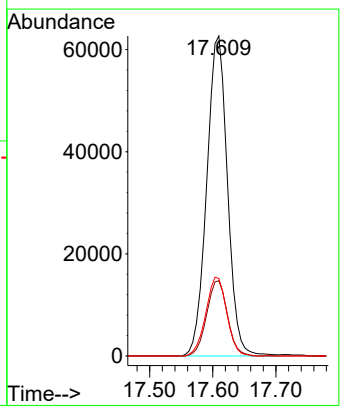
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	24.2	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	299259m	20.497	ng		
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	95515m	19.382	ng		
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

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

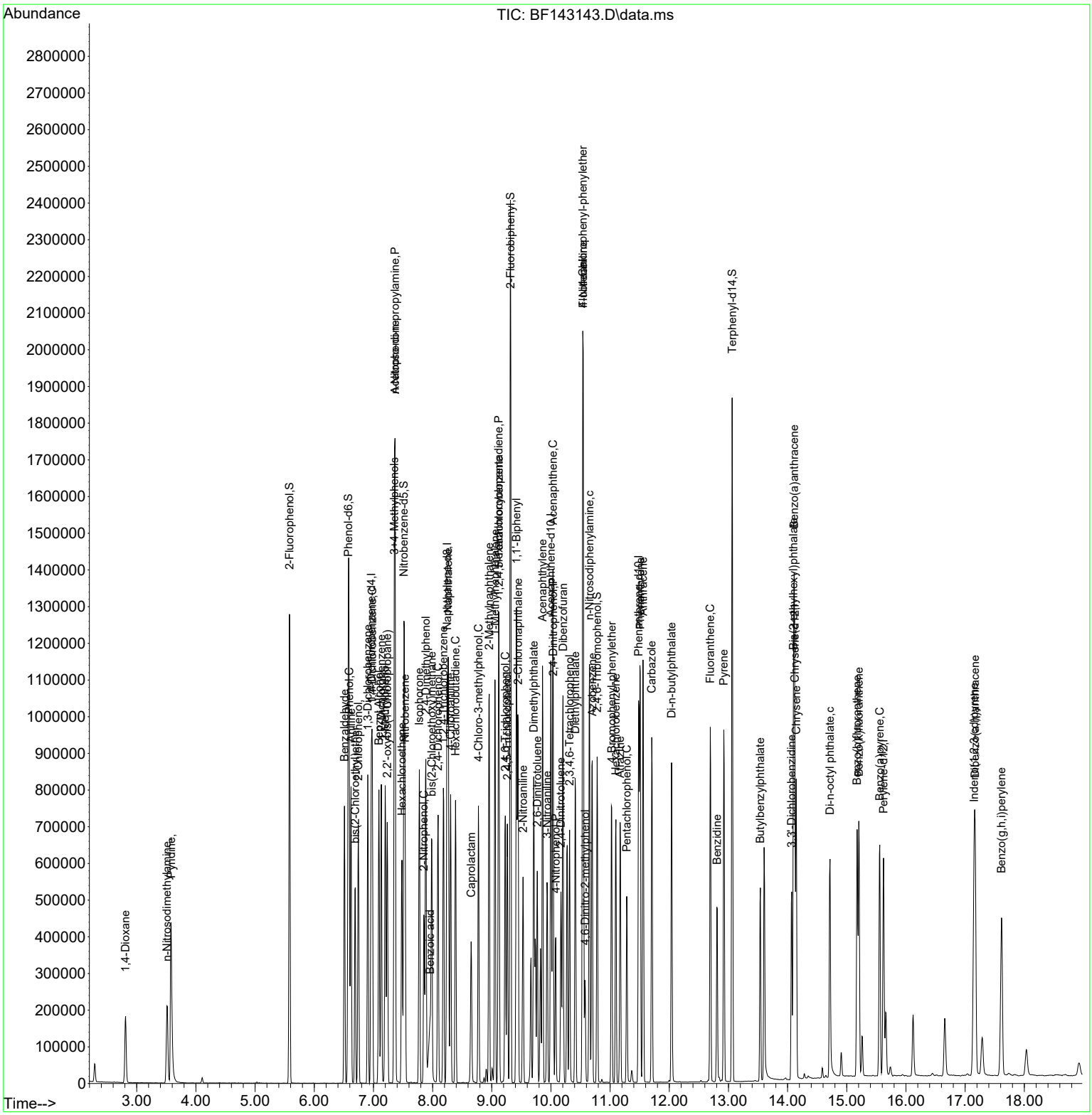
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Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

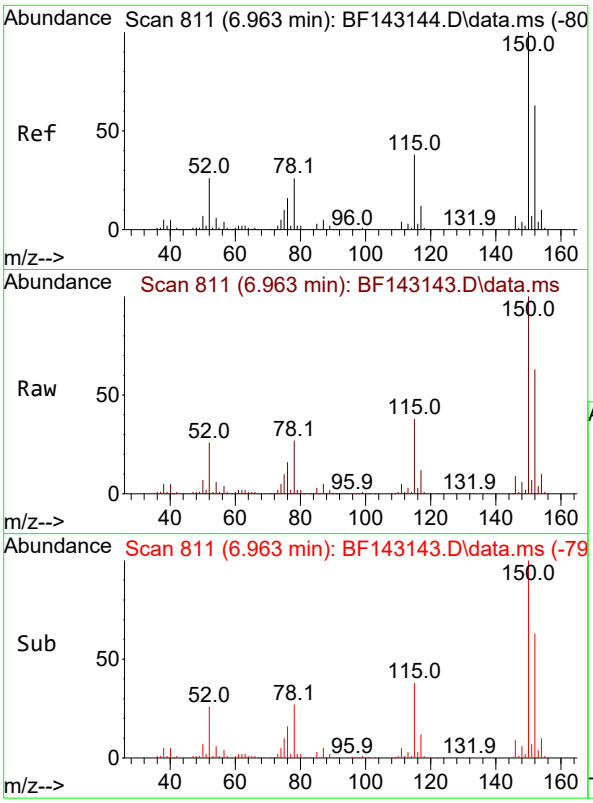
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

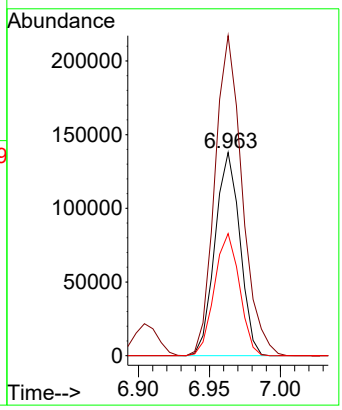




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 16849

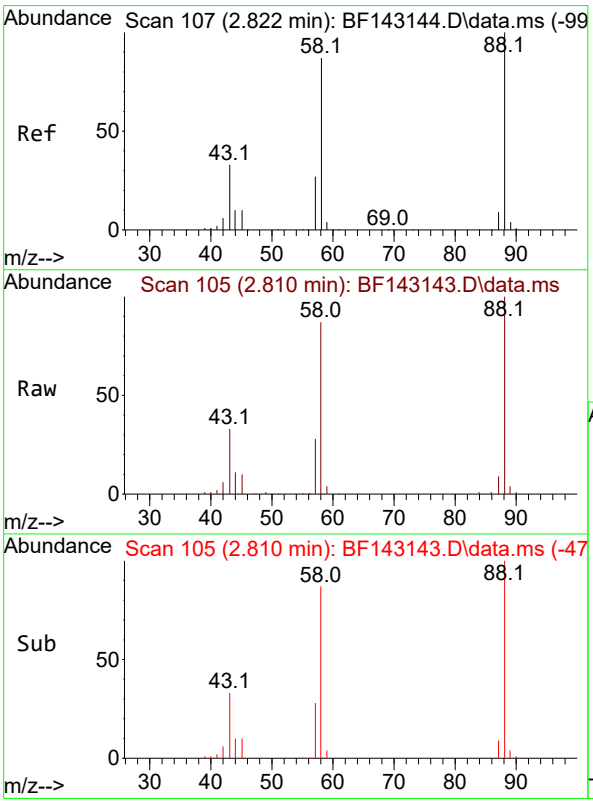
Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

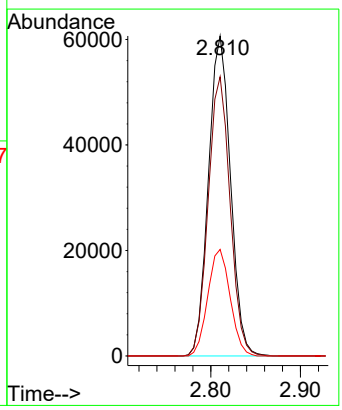
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

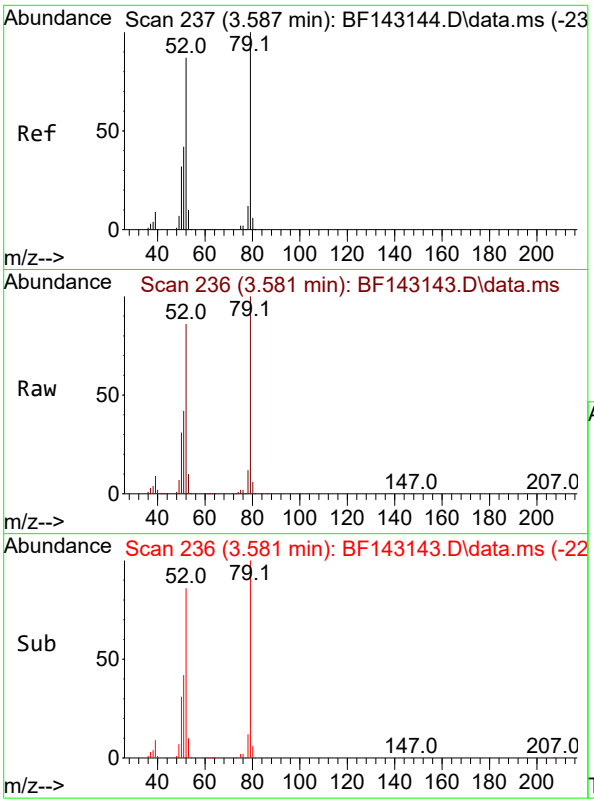


#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.2	105.2
43	33.8	27.1	40.7

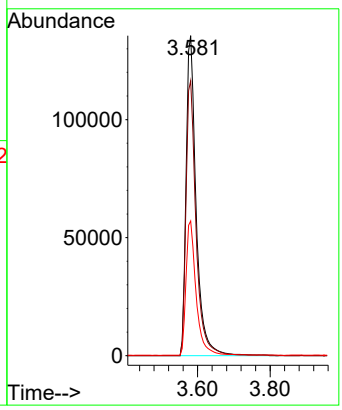




#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 26140

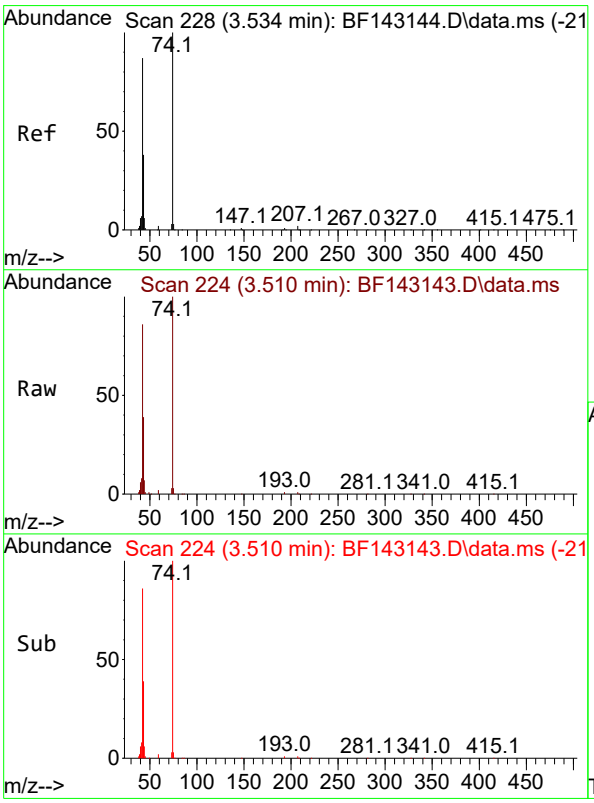
Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.4	104.2
51	42.1	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

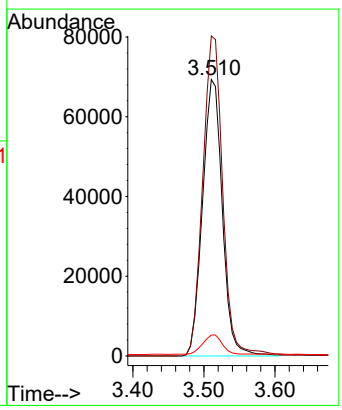
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

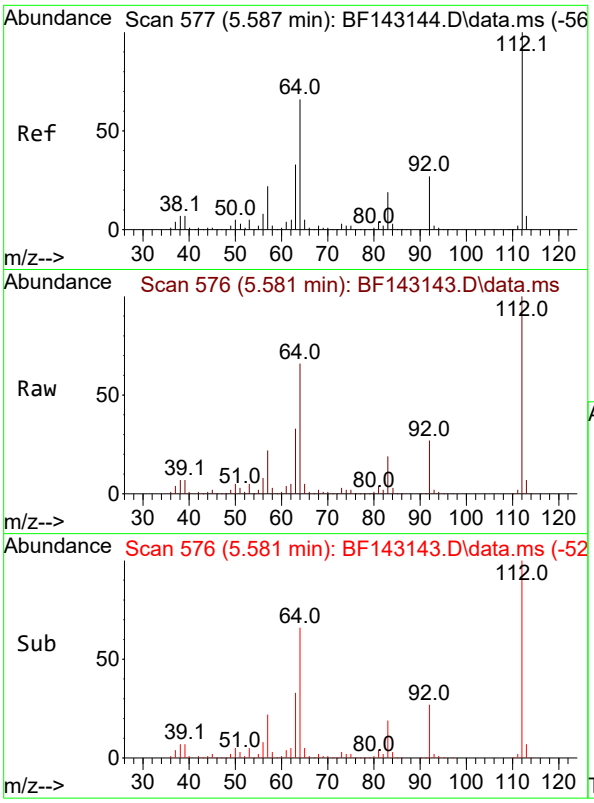


#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

Ion	Ratio	Lower	Upper
42	100		
74	115.7	91.7	137.5
44	7.6	5.6	8.4

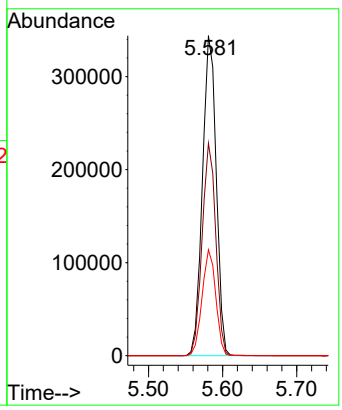




#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:112 Resp: 44454

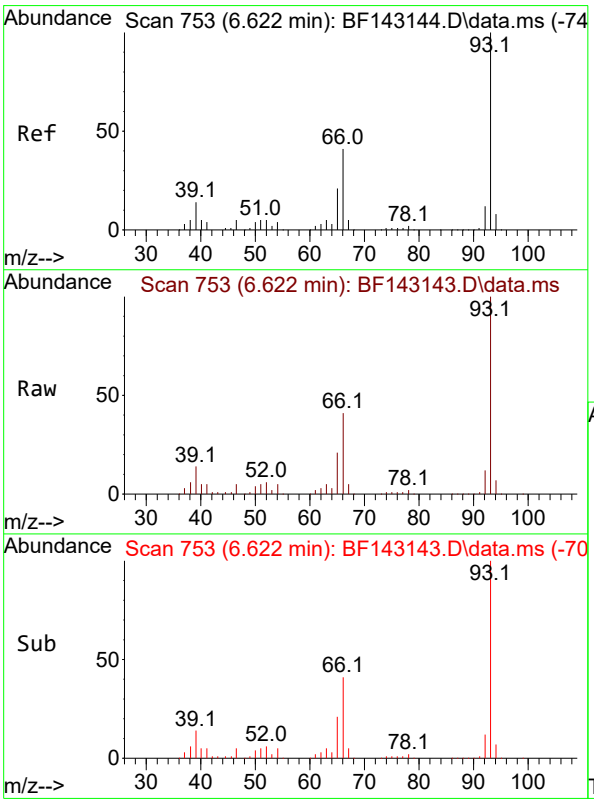
Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

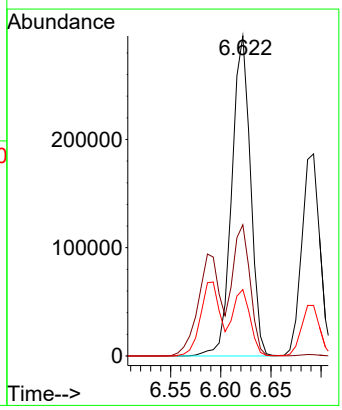
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

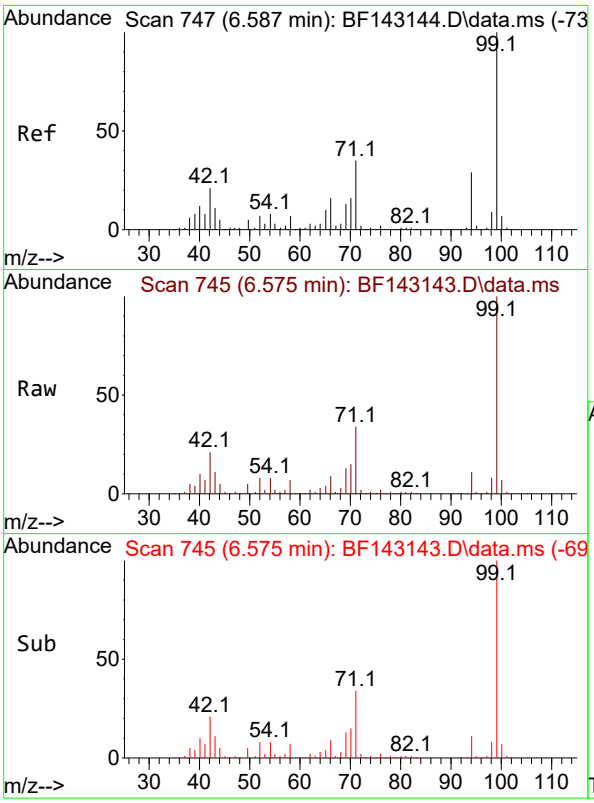


#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.7	16.9	25.3





#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

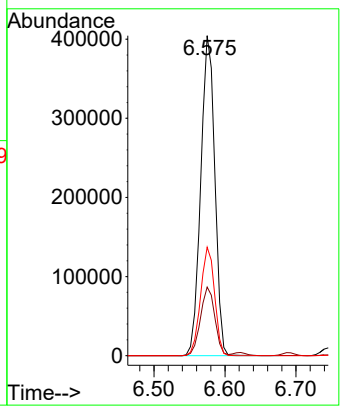
Tgt Ion: 99 Resp: 55842

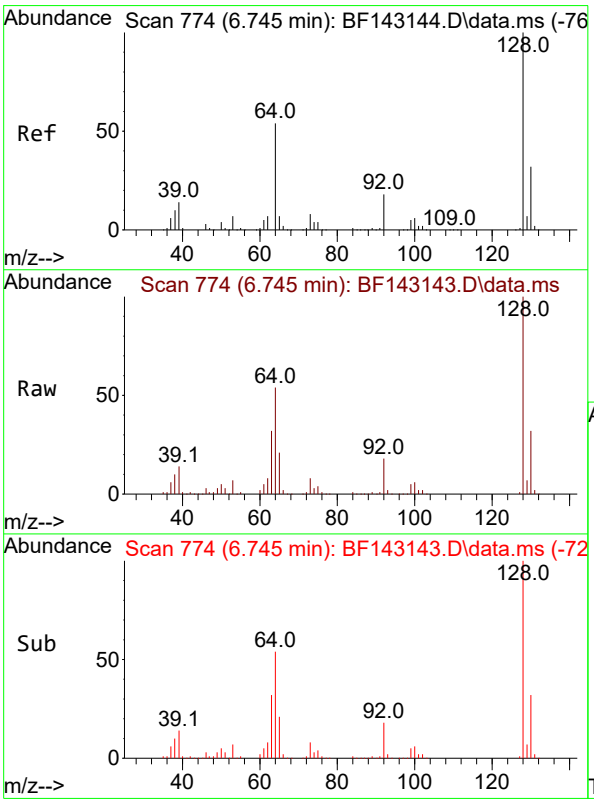
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	33.9	27.7	41.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

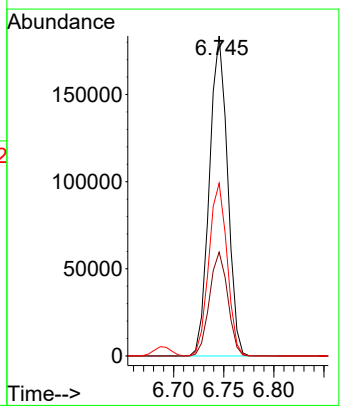


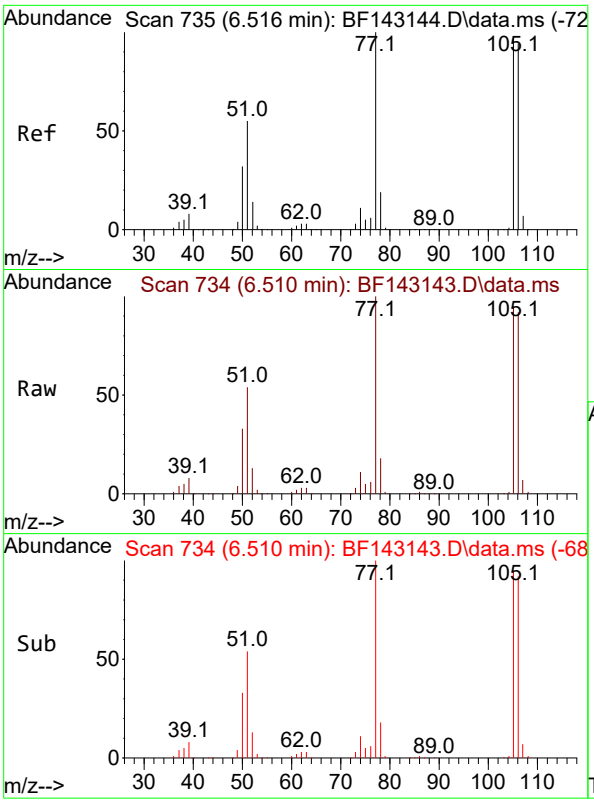


#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	54.0	35.9	75.9

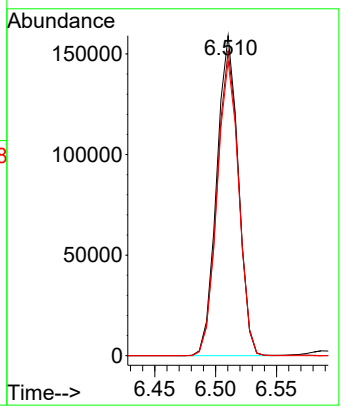




#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 19600

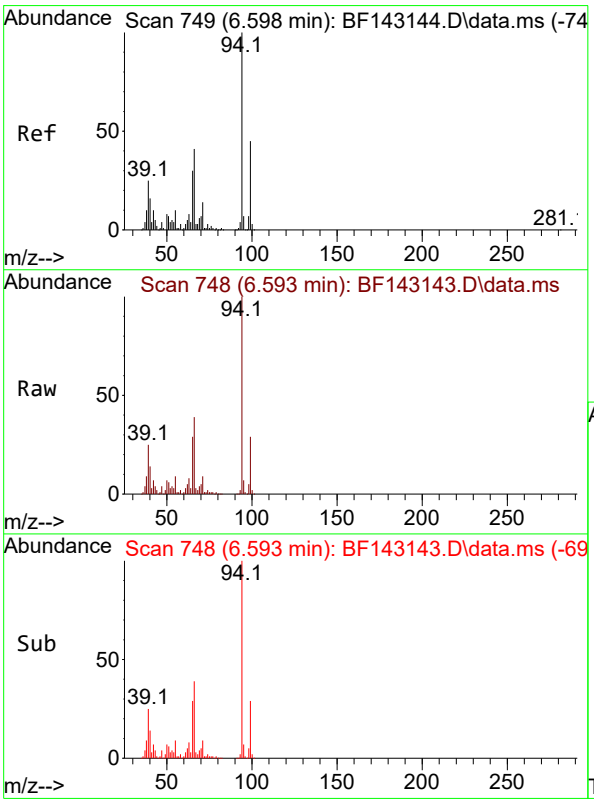
Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	92.0	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

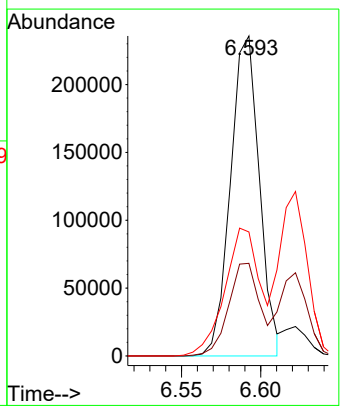
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

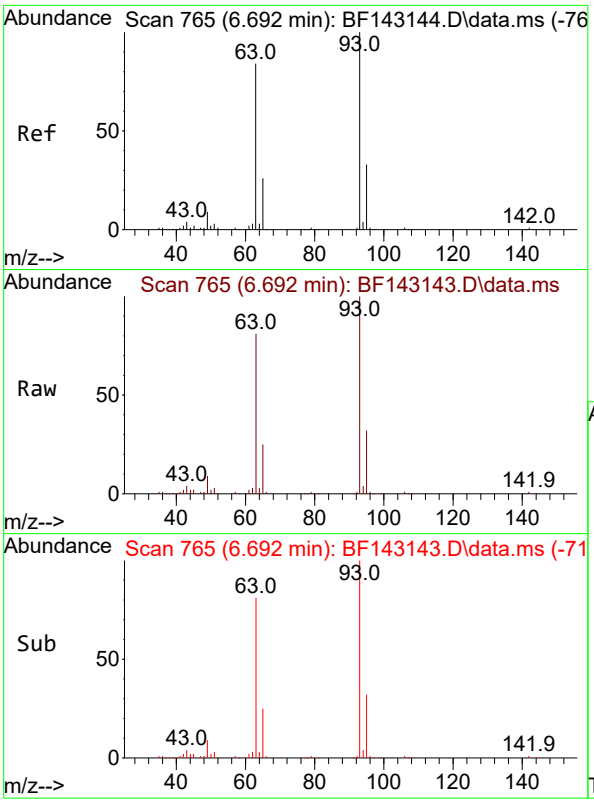


#10
Phenol
Concen: 20.497 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 299259

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.0	50.0
66	38.8	20.8	60.8

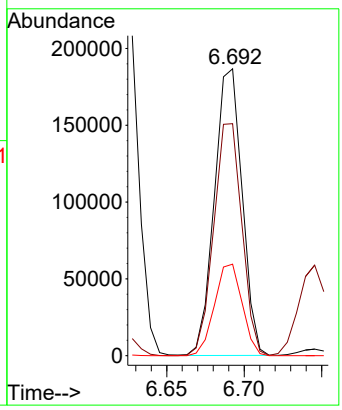




#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 23242

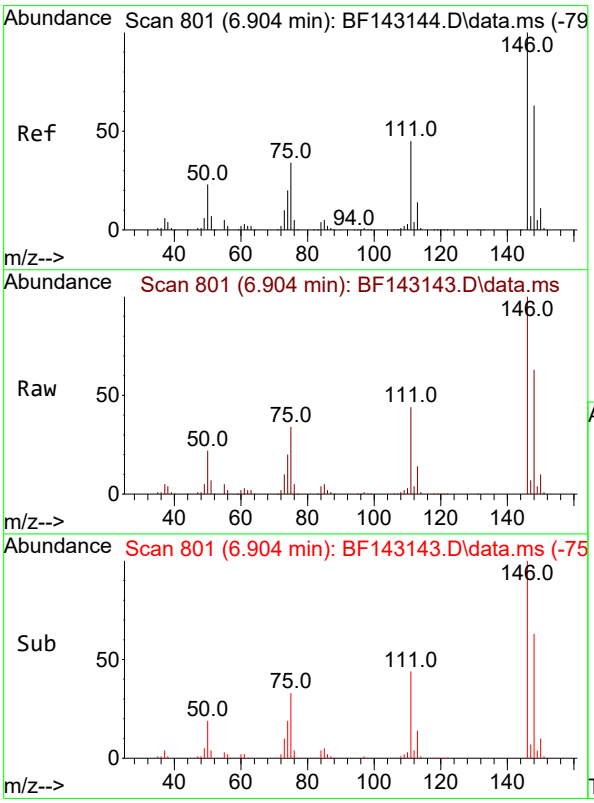
Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	103.4
95	31.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

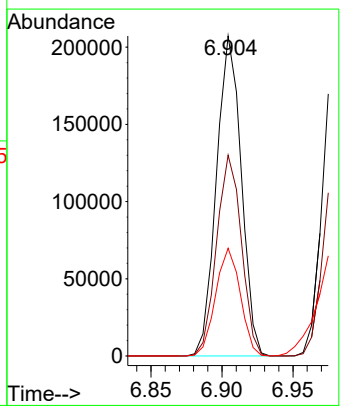
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

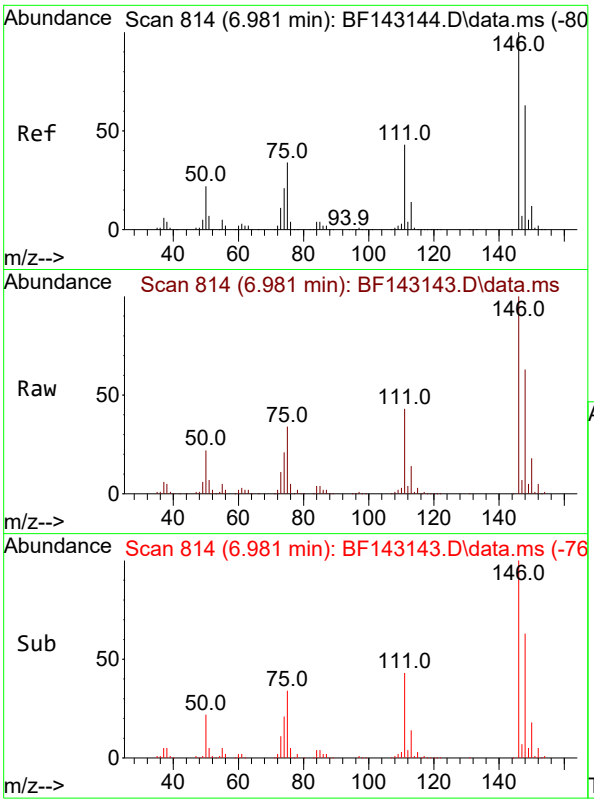


#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	33.7	27.4	41.2

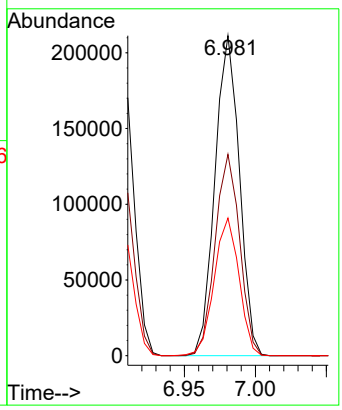




#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 25313

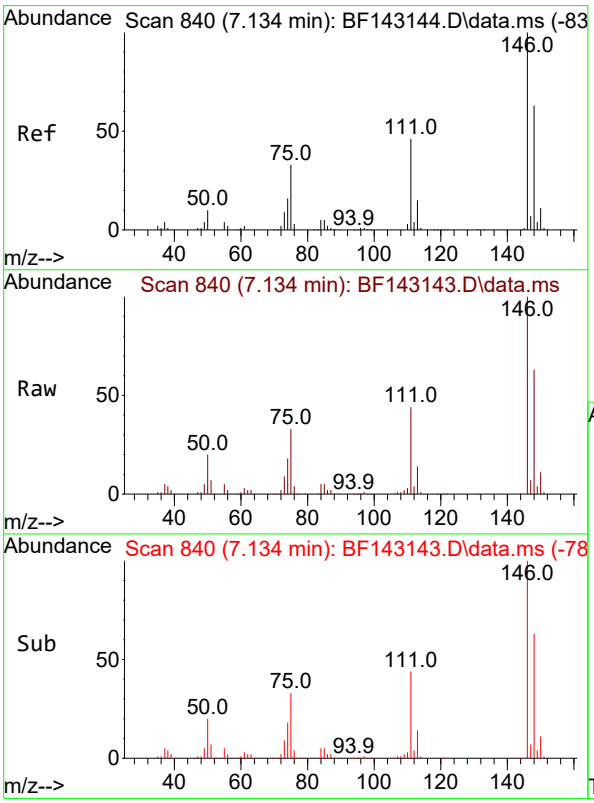
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

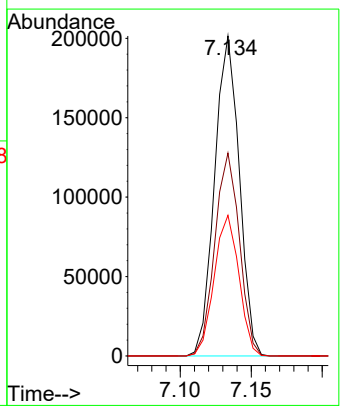
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

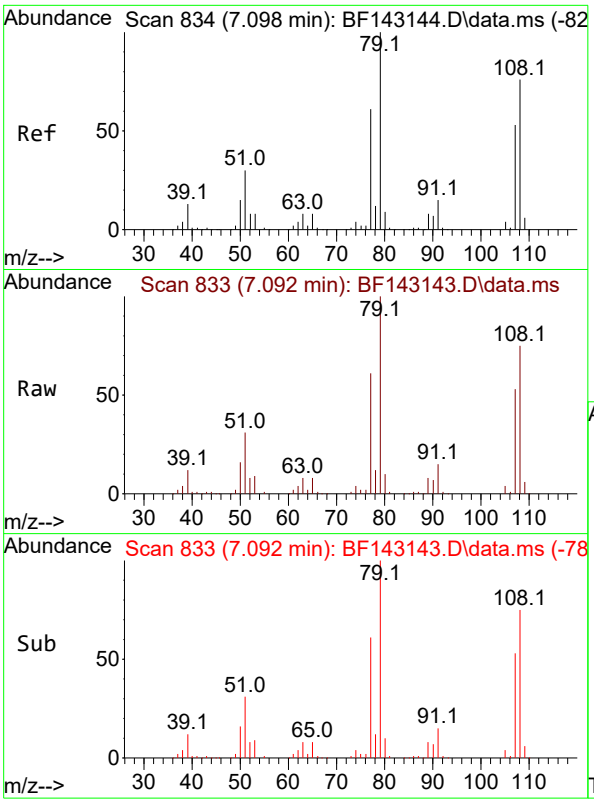


#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	44.0	36.6	54.8

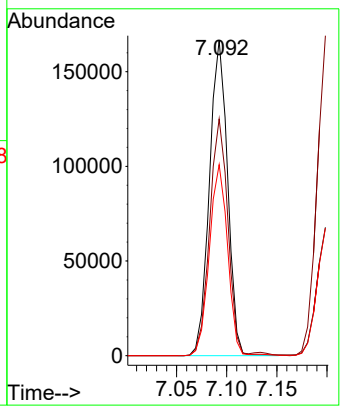




#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 21001

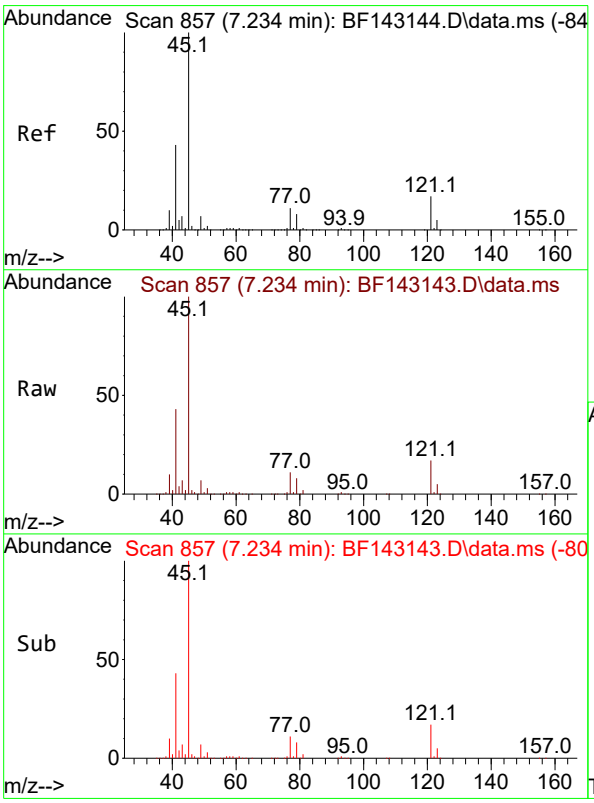
Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.5	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

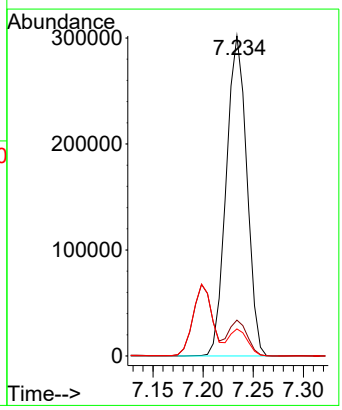
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

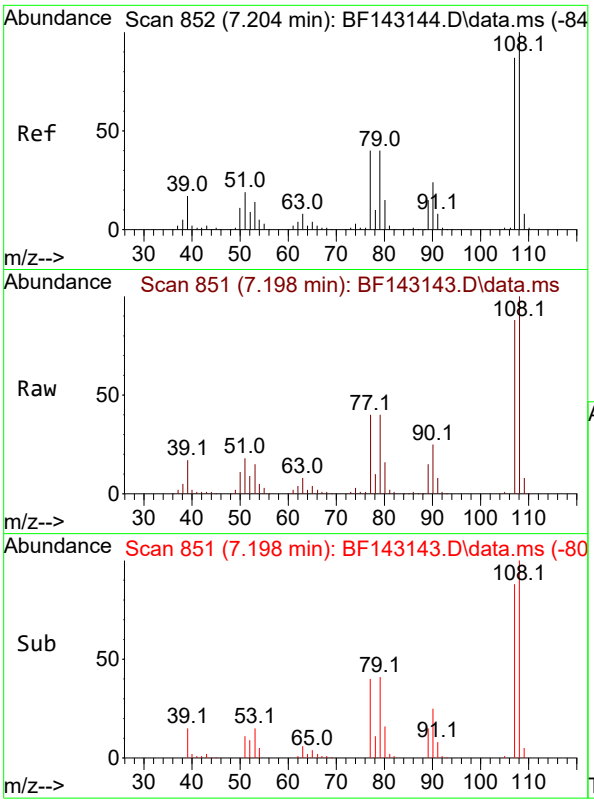


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5

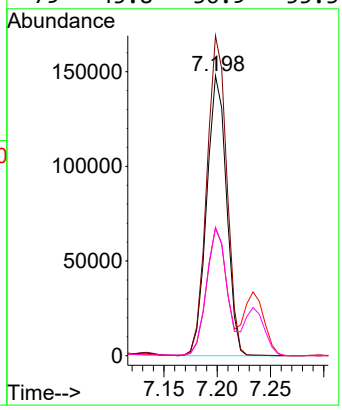




#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 19217

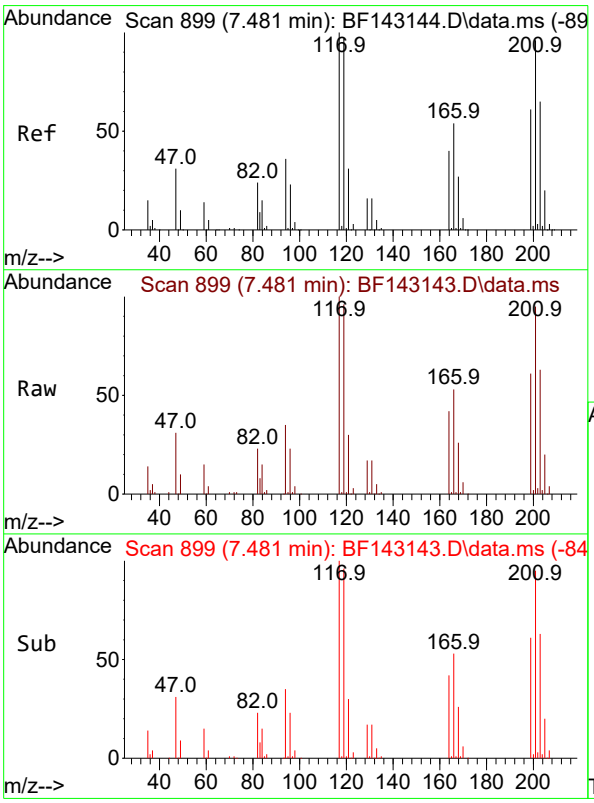
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	45.6	37.0	55.6
79	45.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

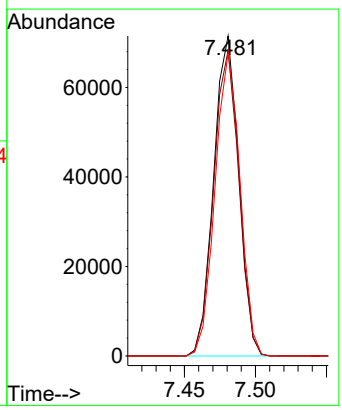
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

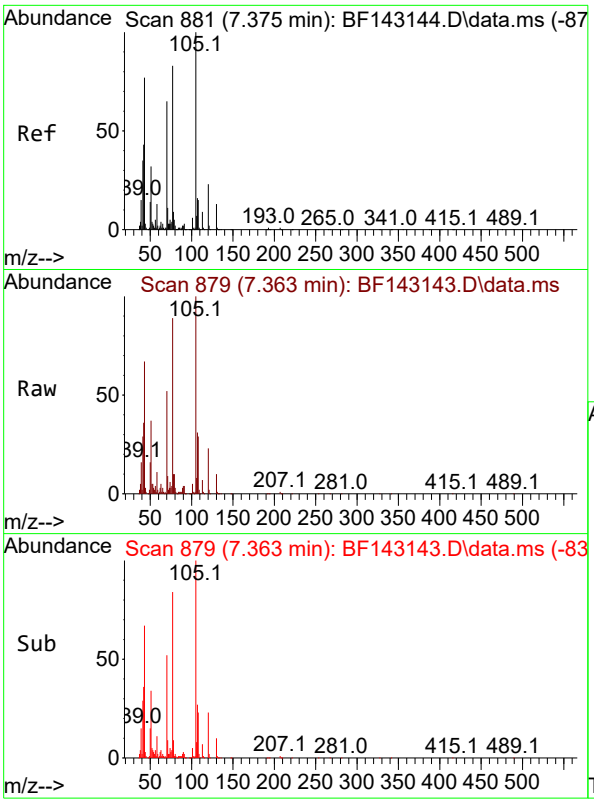


#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	94.8	77.0	115.4

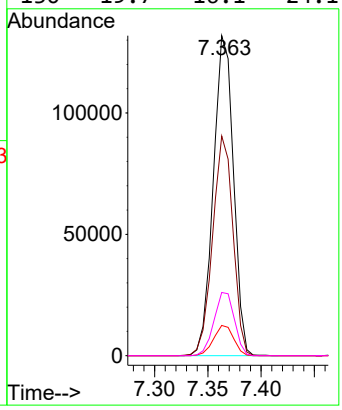




#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 70 Resp: 17314

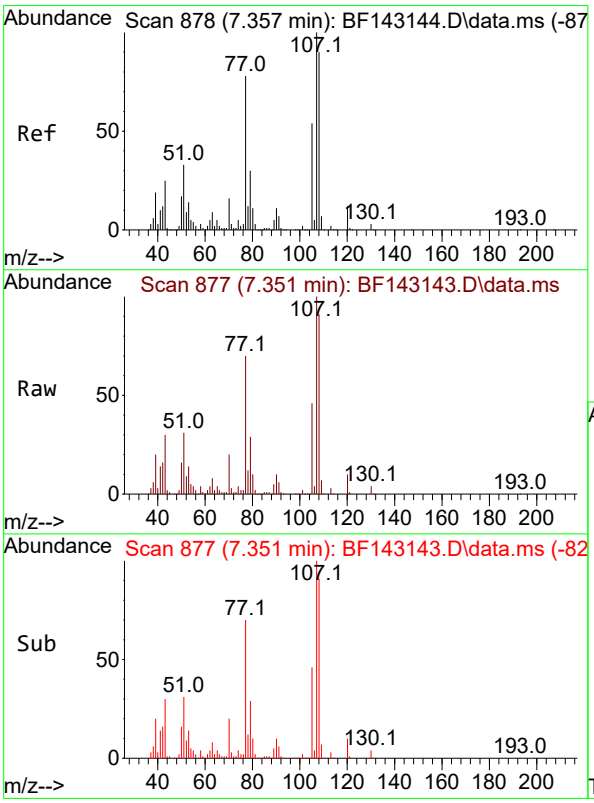
Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.5	78.7
101	9.4	7.6	11.4
130	19.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

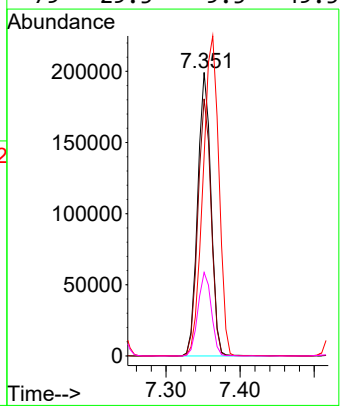
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

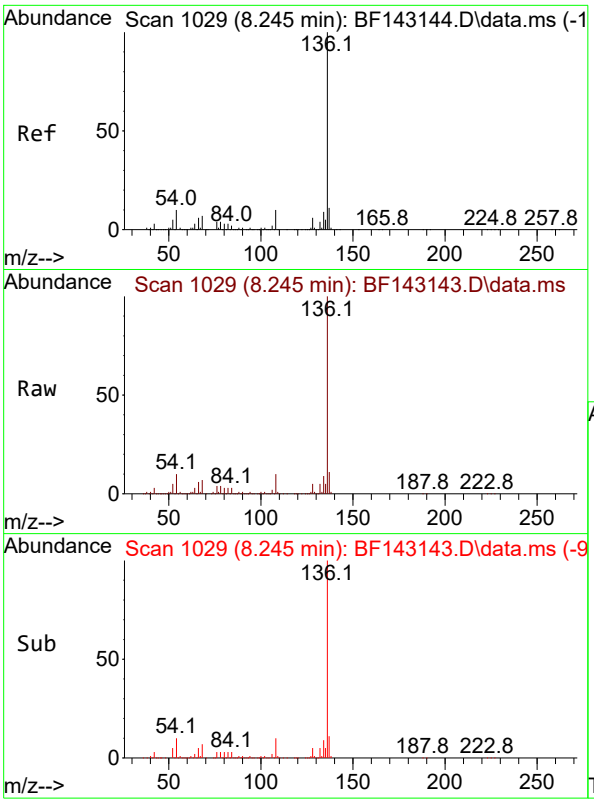


#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	70.4	57.8	97.8
79	29.5	9.5	49.5

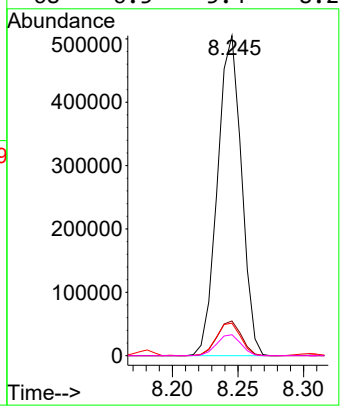




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:136 Resp: 64258

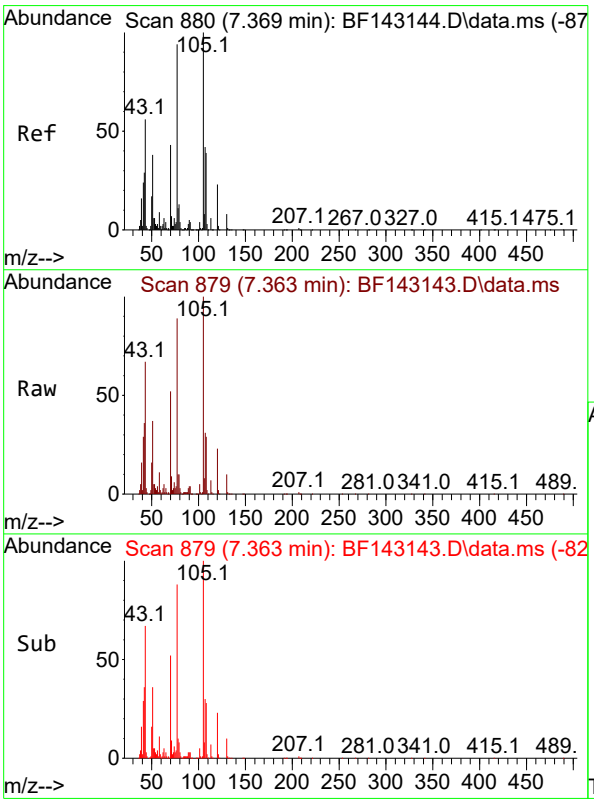
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.2	12.2
68	6.5	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

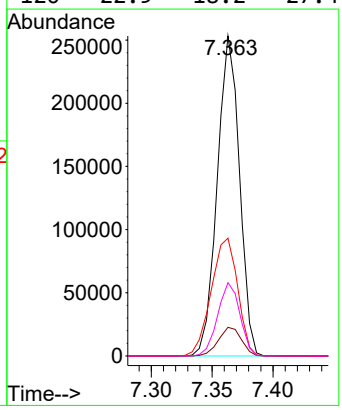
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

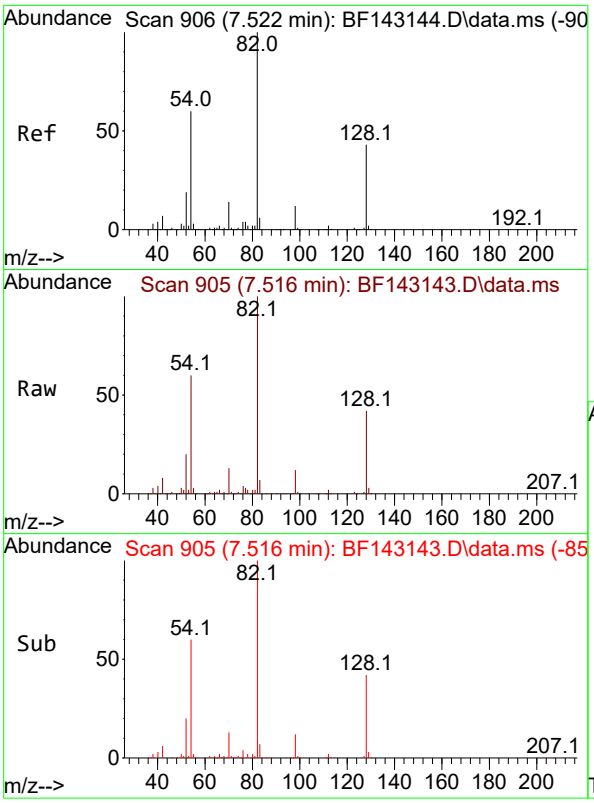


#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	36.8	30.2	45.2
120	22.9	18.2	27.4

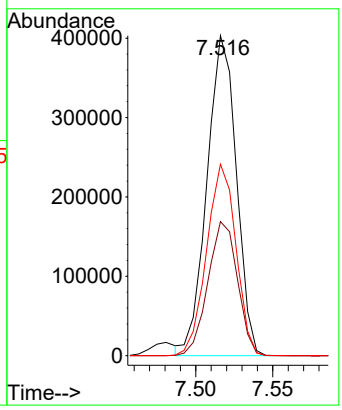




#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 53558

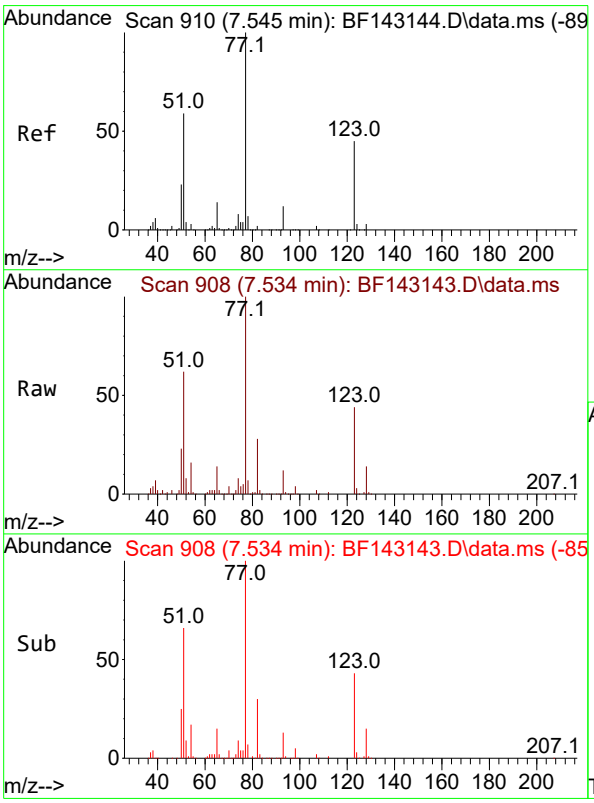
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

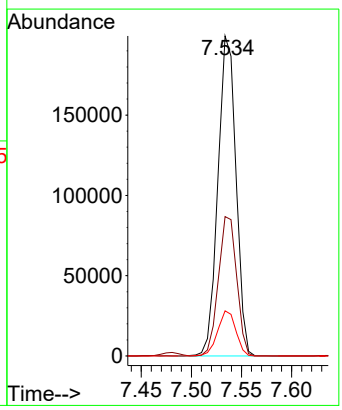
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

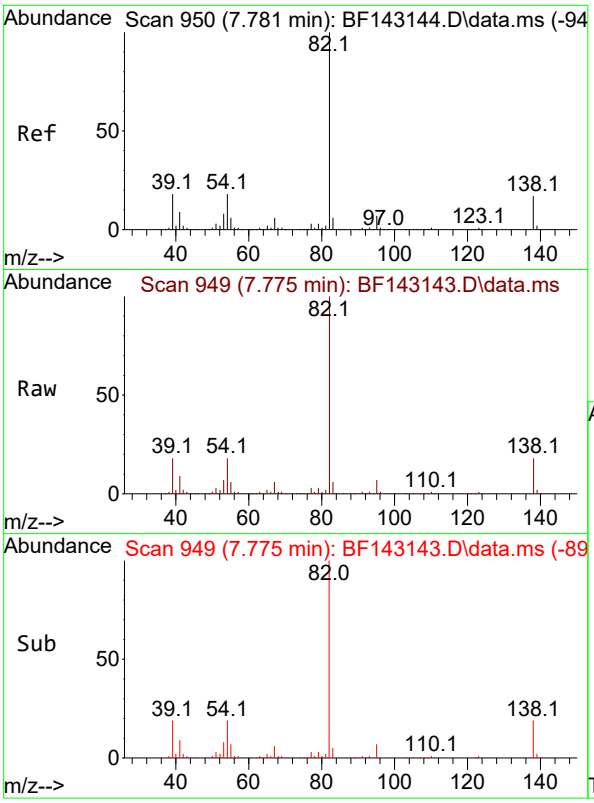


#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.1	11.4	17.2

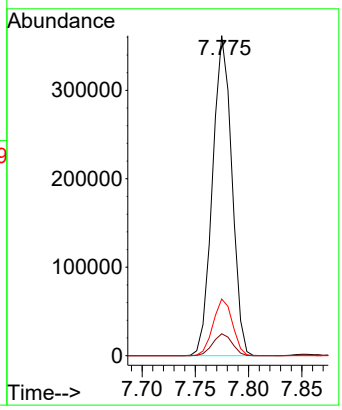




#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 45714

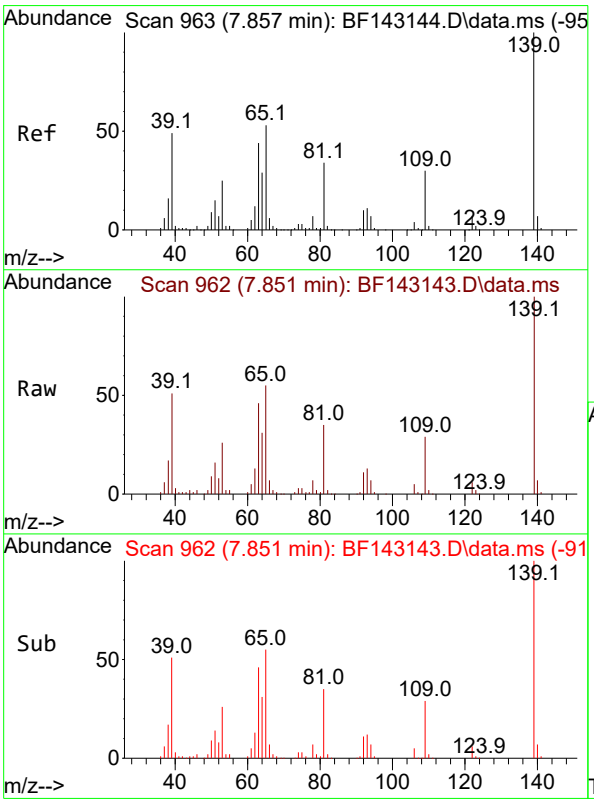
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.7	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

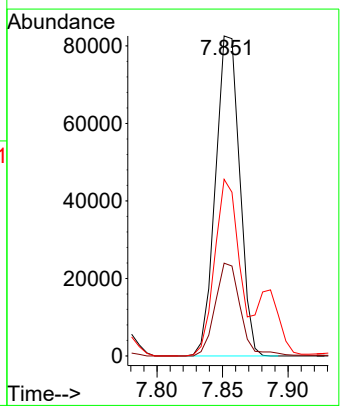
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

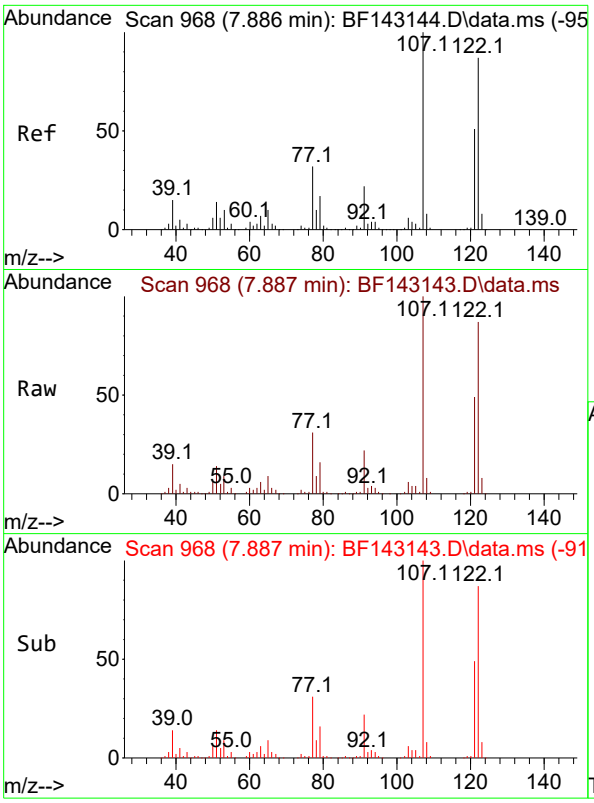


#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.2	42.6	64.0

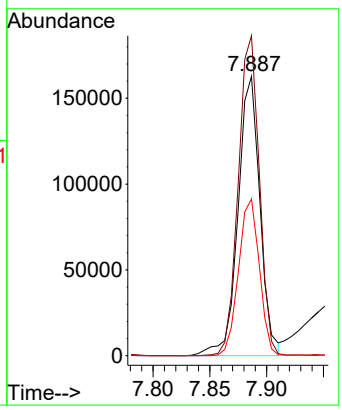




#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 21896

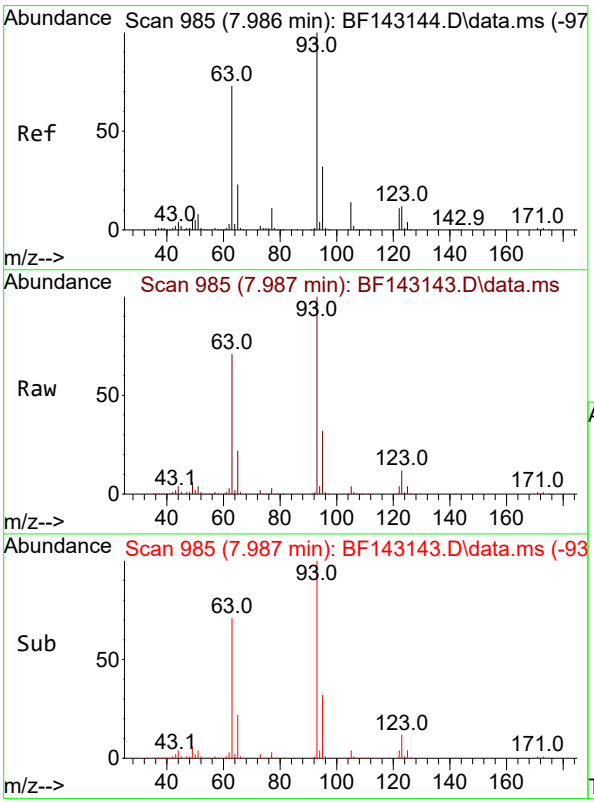
Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.8	137.6
121	56.1	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

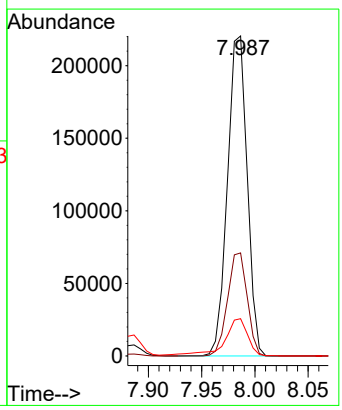
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

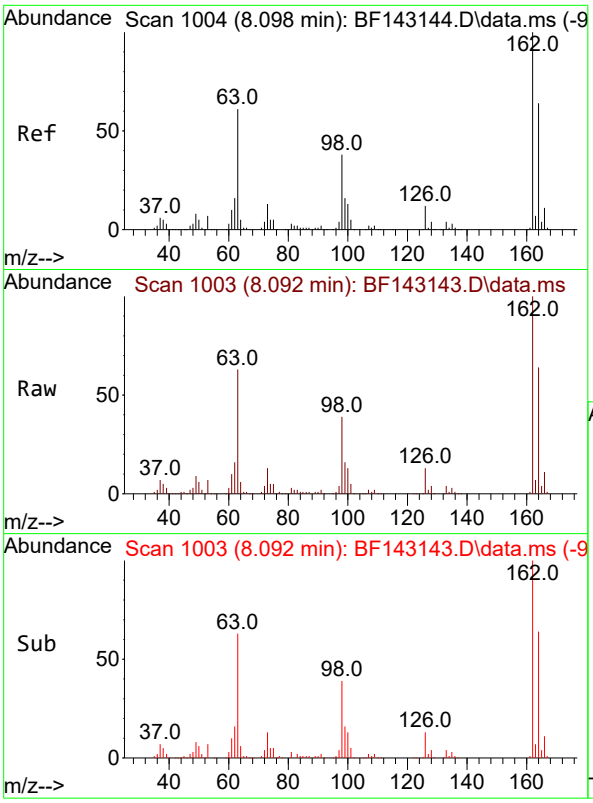


#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

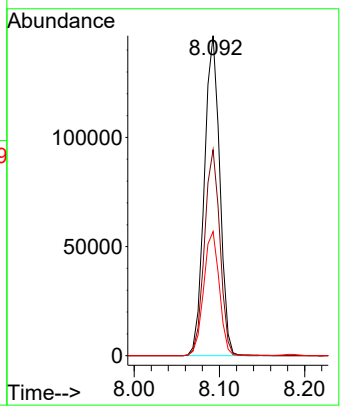
Tgt Ion:162 Resp: 18443

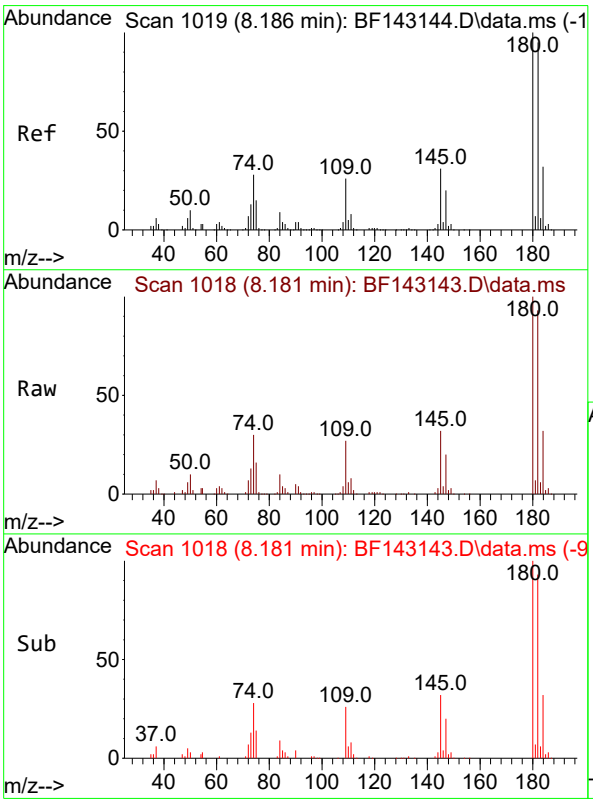
Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.8	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
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Supervised By :Jagrut Upadhyay 07/18/2025

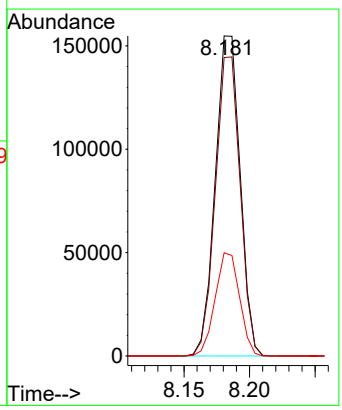


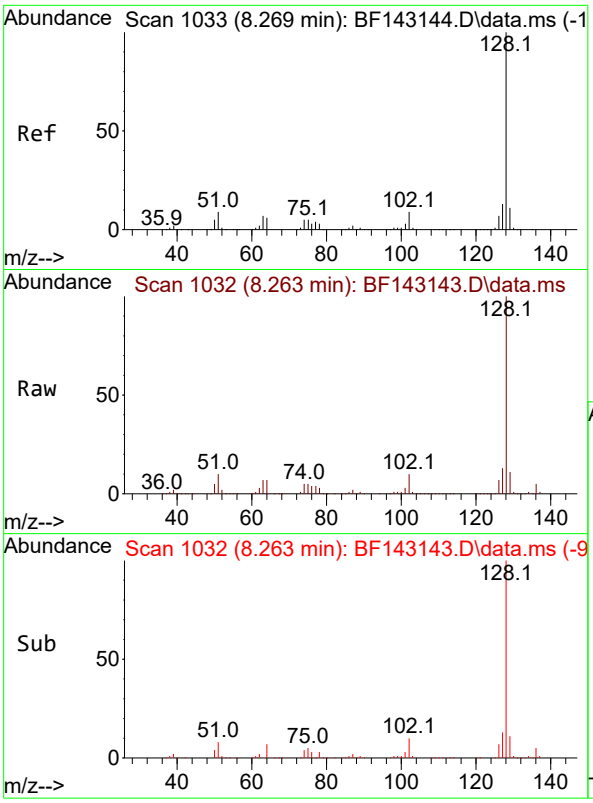


#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.2
145	32.2	25.0	37.6





#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

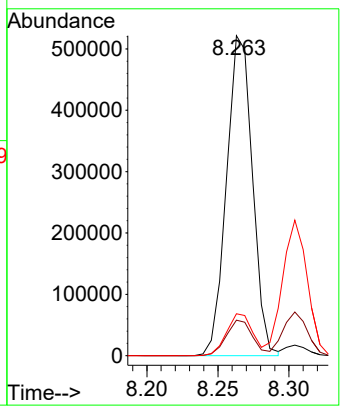
Tgt Ion:128 Resp: 66296

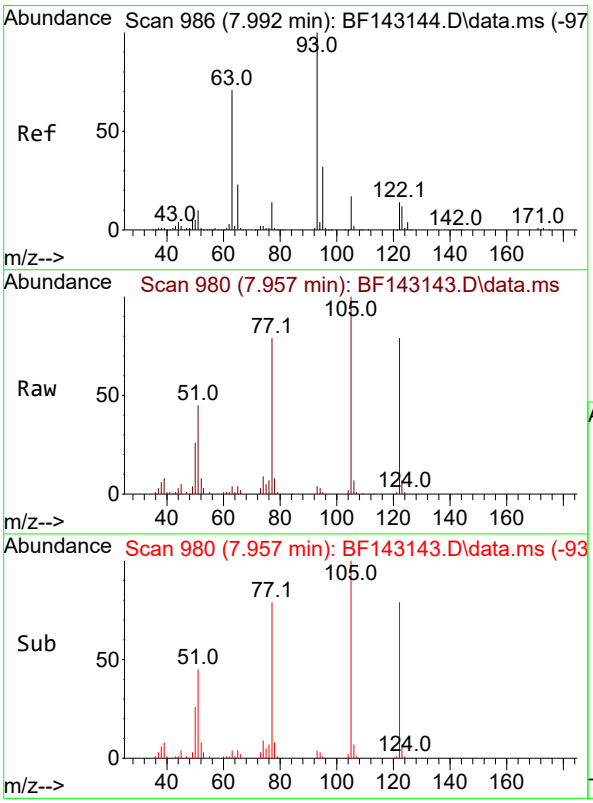
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0

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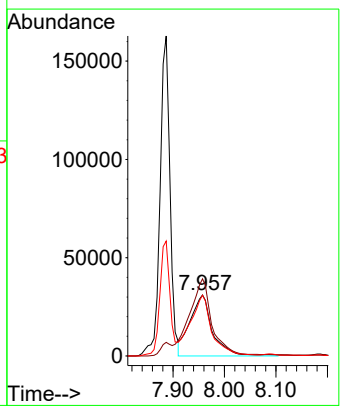


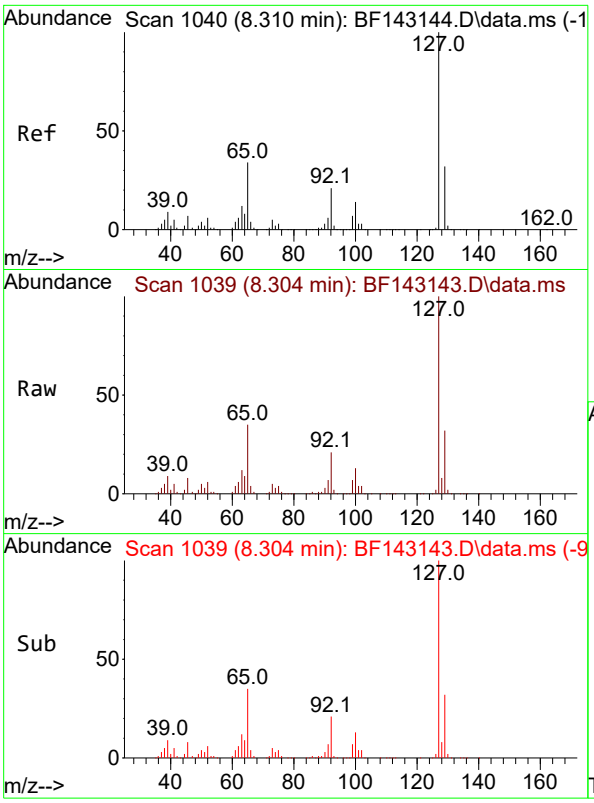


#32
Benzoic acid
Concen: 19.382 ng m
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 95515

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	99.7	77.6	117.6

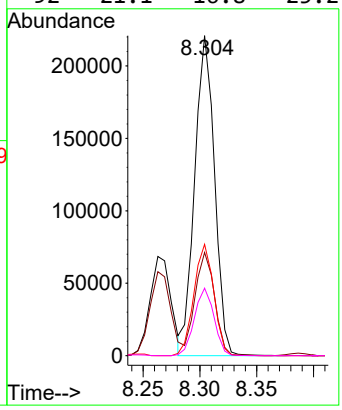




#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:127 Resp: 26910

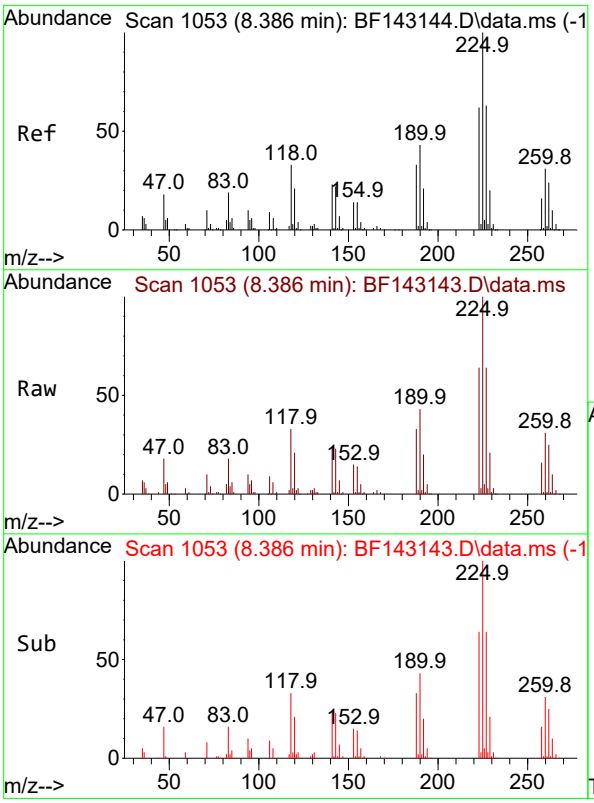
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	34.8	27.4	41.2
92	21.1	16.8	25.2



Instrument :
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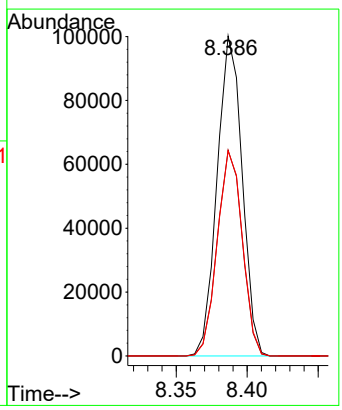
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

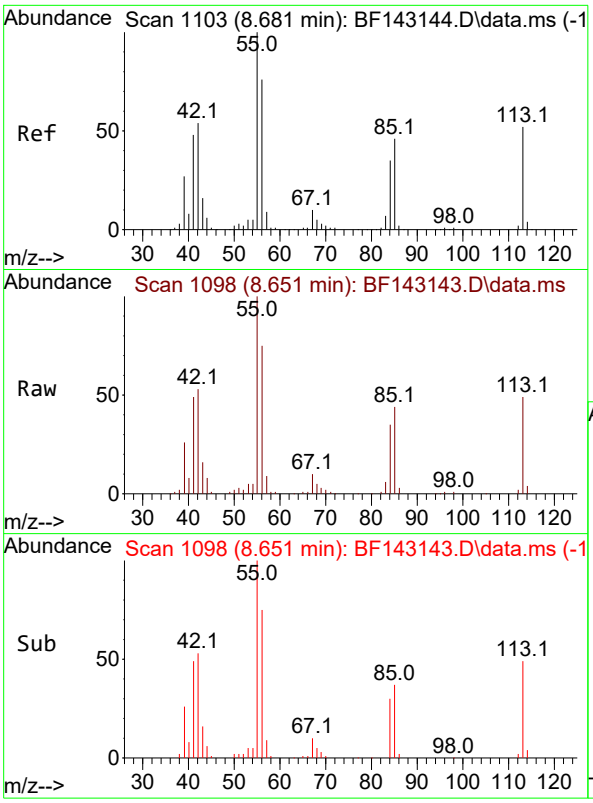


#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	64.1	50.2	75.4

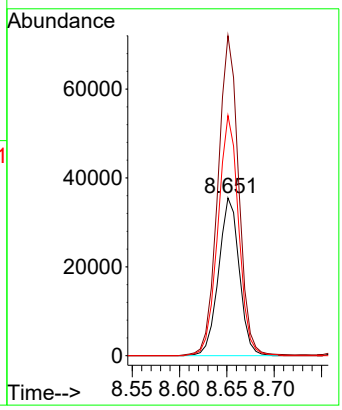




#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:113 Resp: 5395

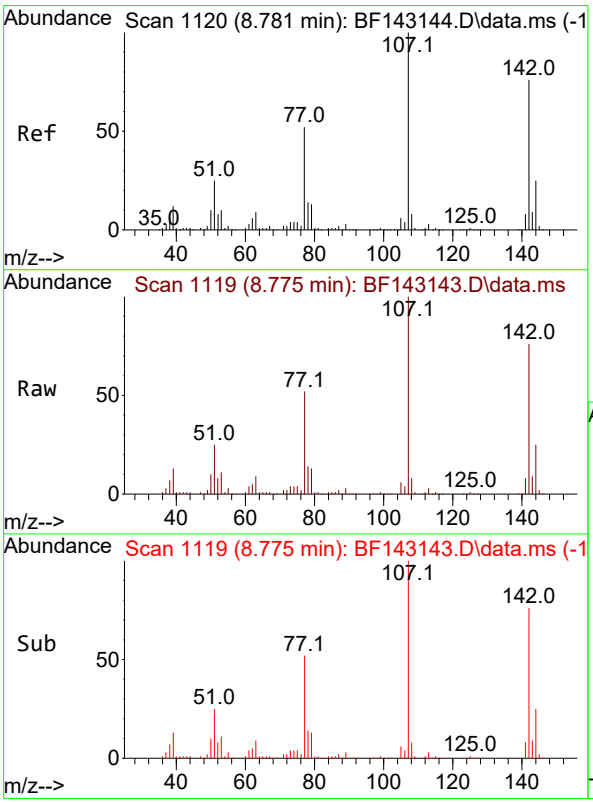
Ion	Ratio	Lower	Upper
113	100		
55	202.9	174.0	214.0
56	152.2	126.6	166.6



Instrument :
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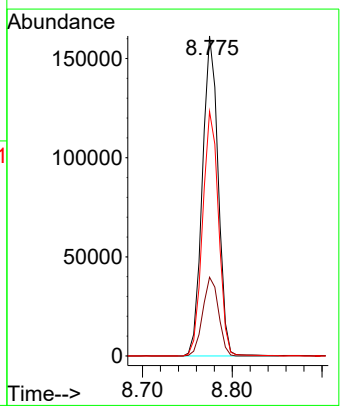
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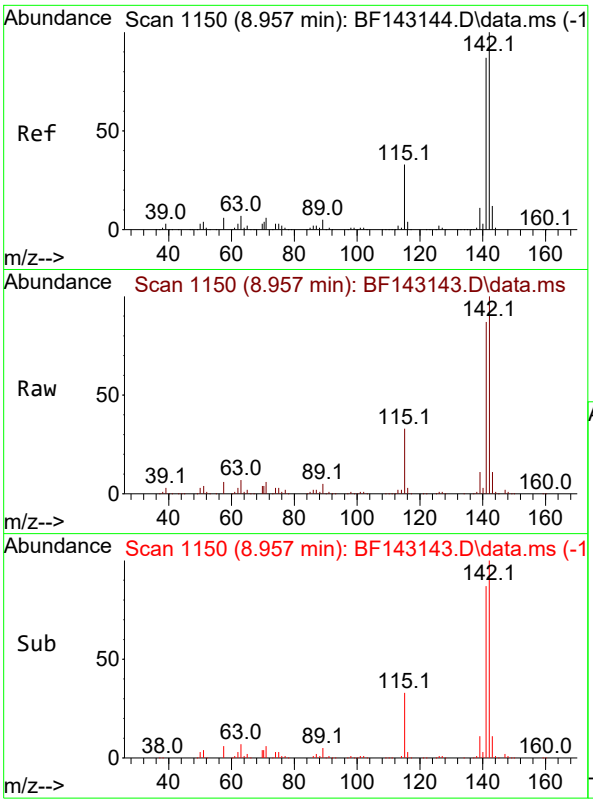


#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.4	60.6	90.8





#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

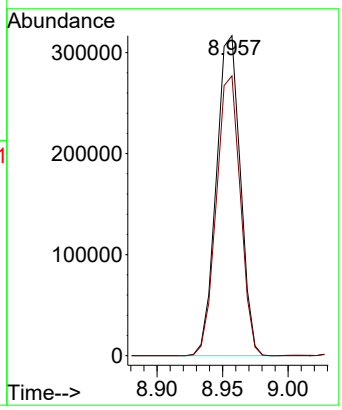
Tgt Ion:142 Resp: 40329

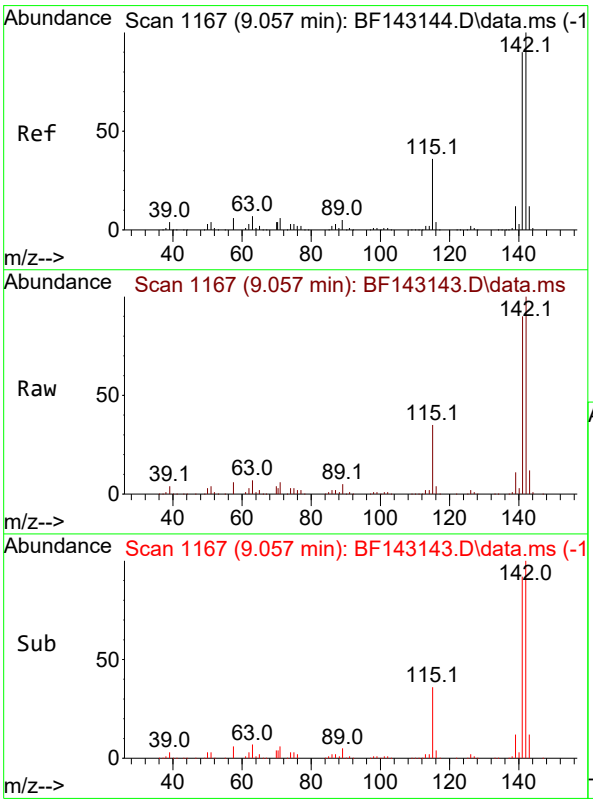
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
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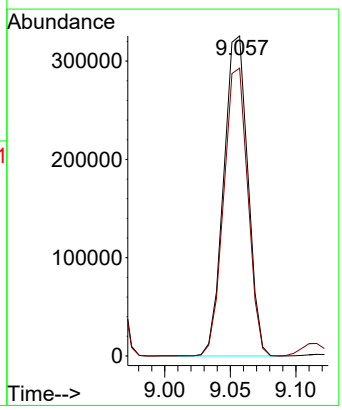


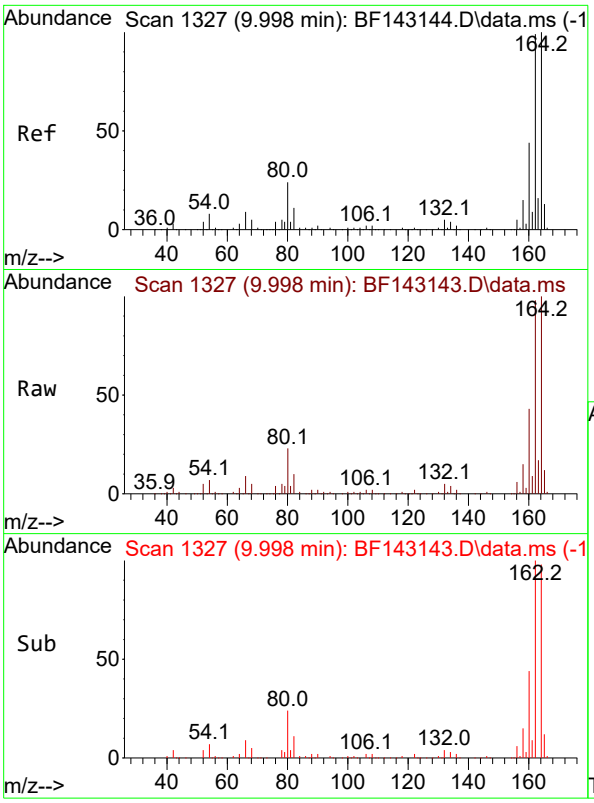


#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5

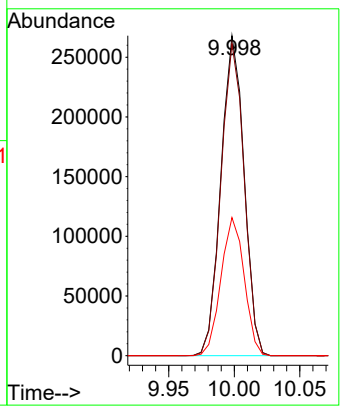




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:164 Resp: 32967

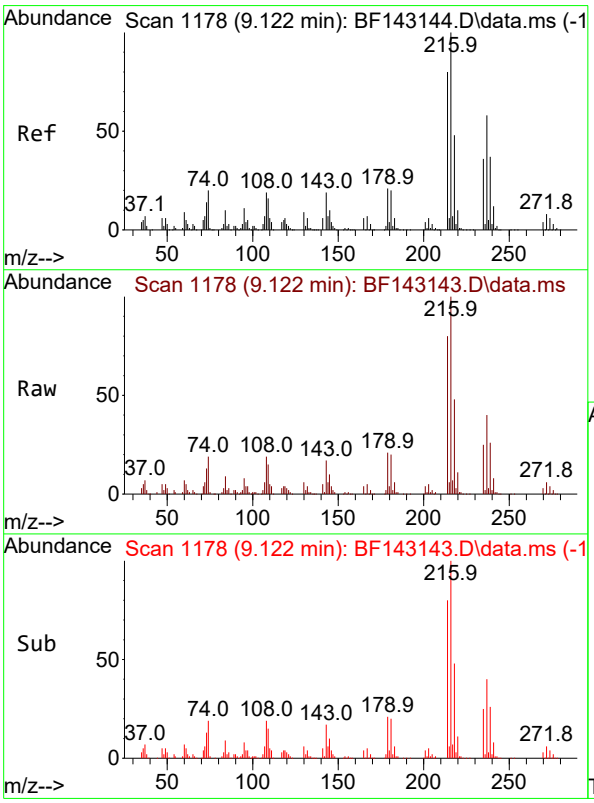
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.2	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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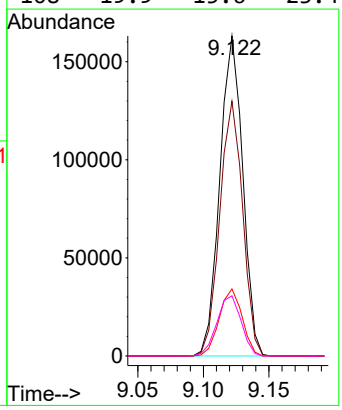
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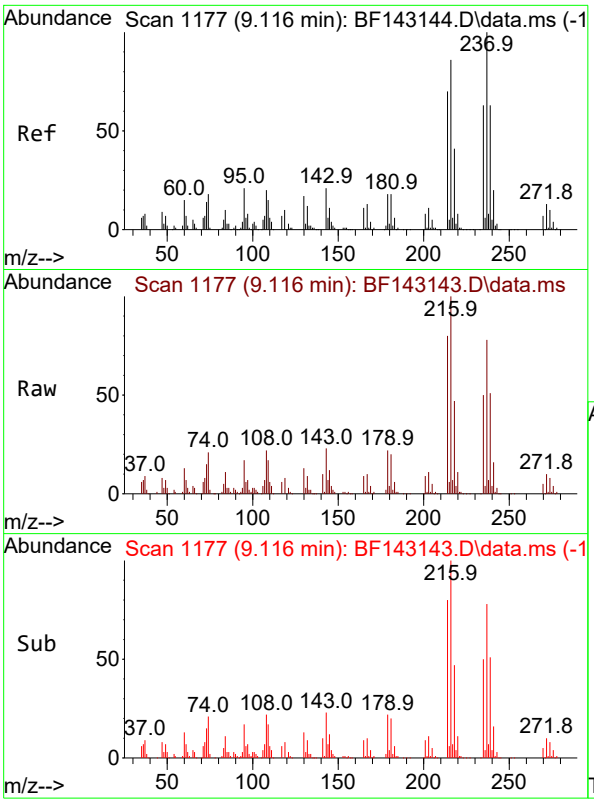


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.0	16.4	24.6
108	19.9	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

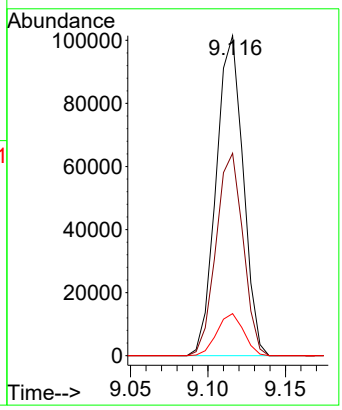
Tgt Ion:237 Resp: 12292

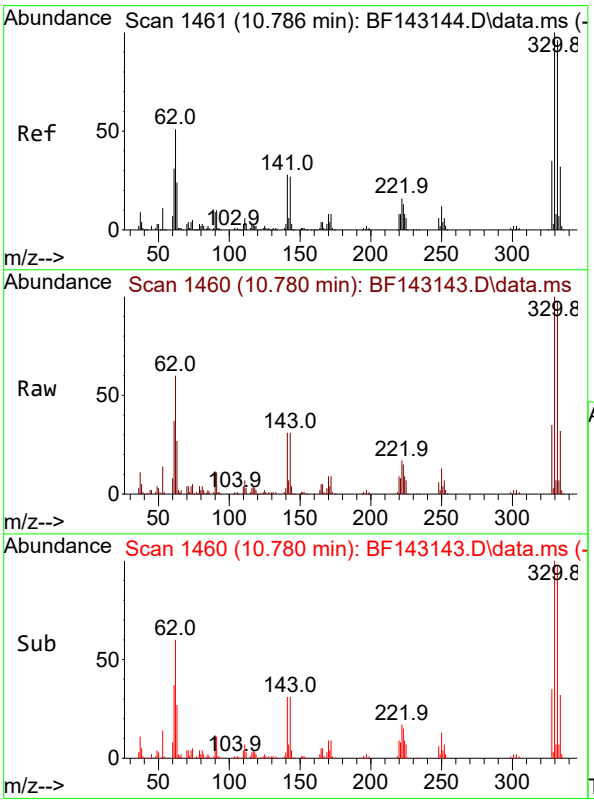
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.2	0.0	33.3

Instrument :
BNA_F
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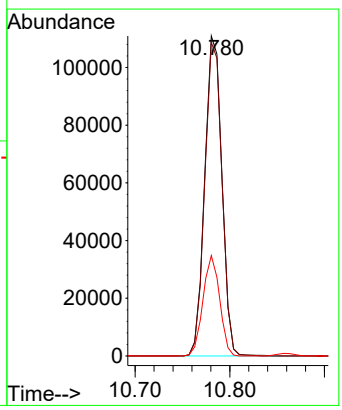


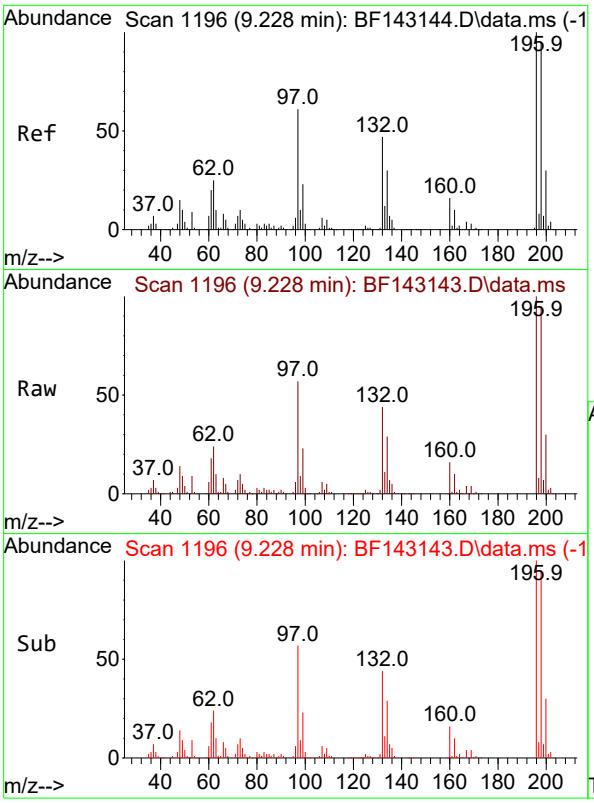


#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	30.4	23.3	34.9

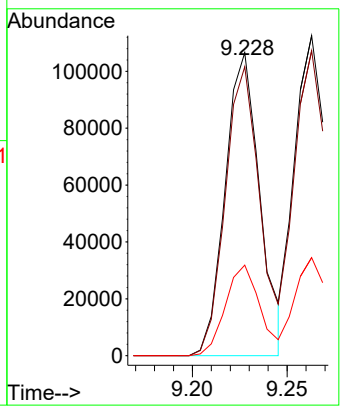




#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 13570

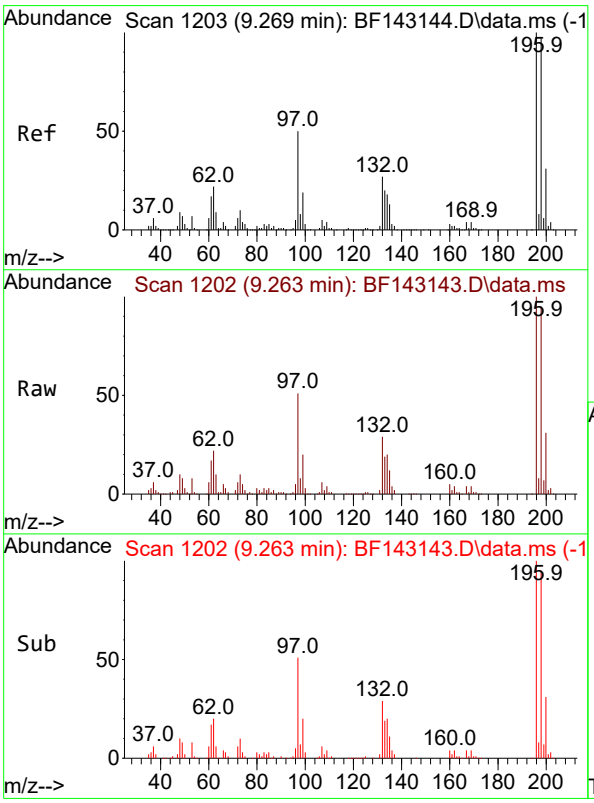
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
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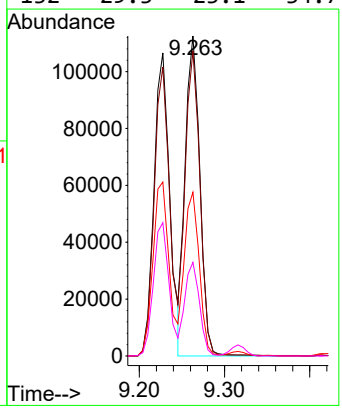
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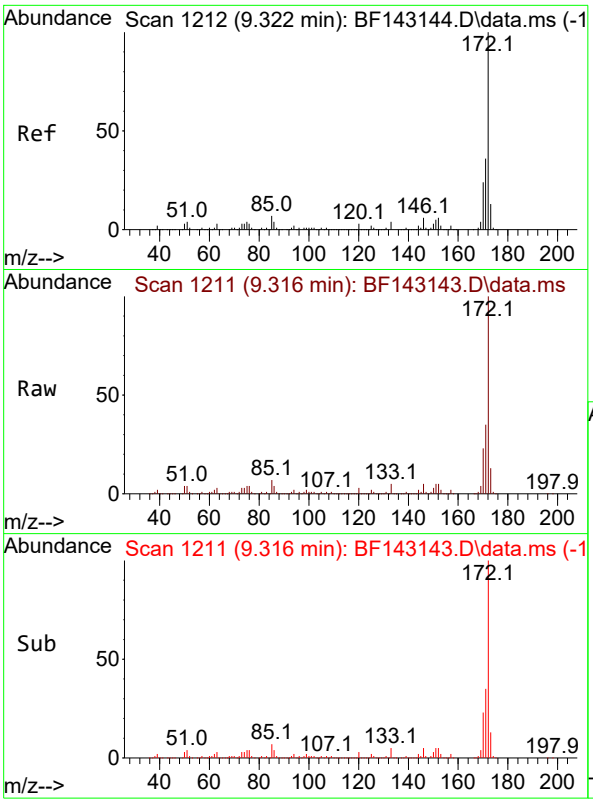


#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	51.2	40.3	60.5
132	29.3	23.1	34.7

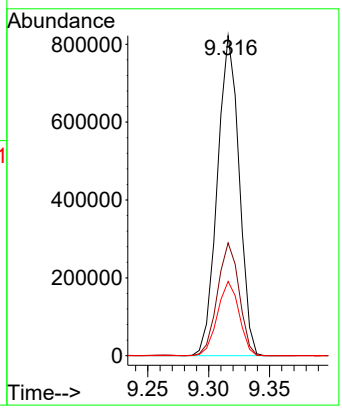




#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:172 Resp: 101968

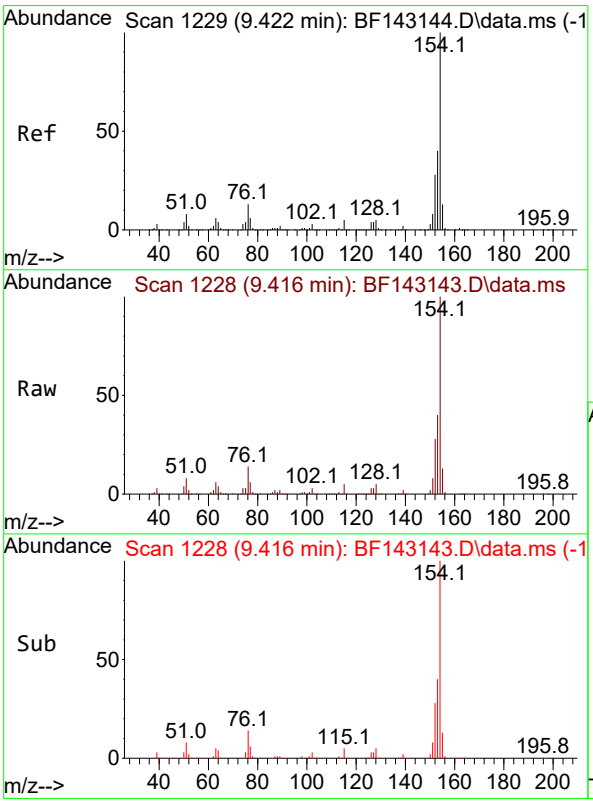
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2



Instrument :
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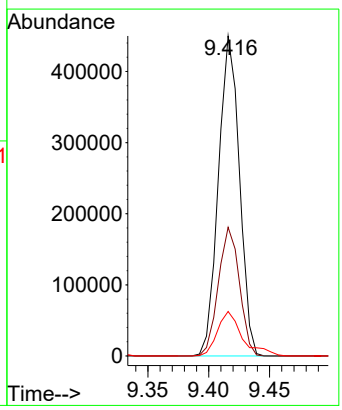
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

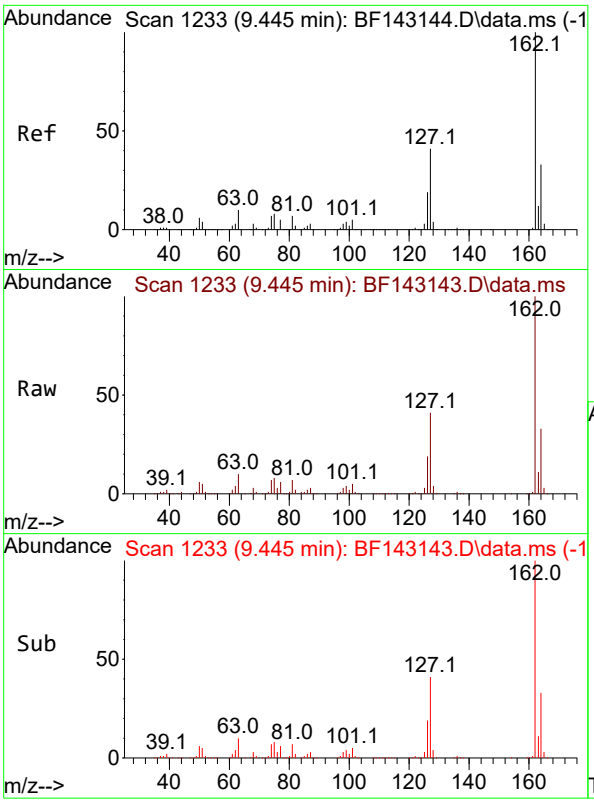


#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3

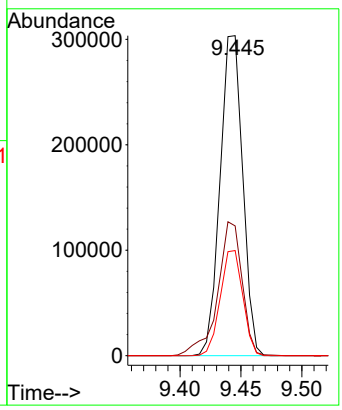




#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 39300

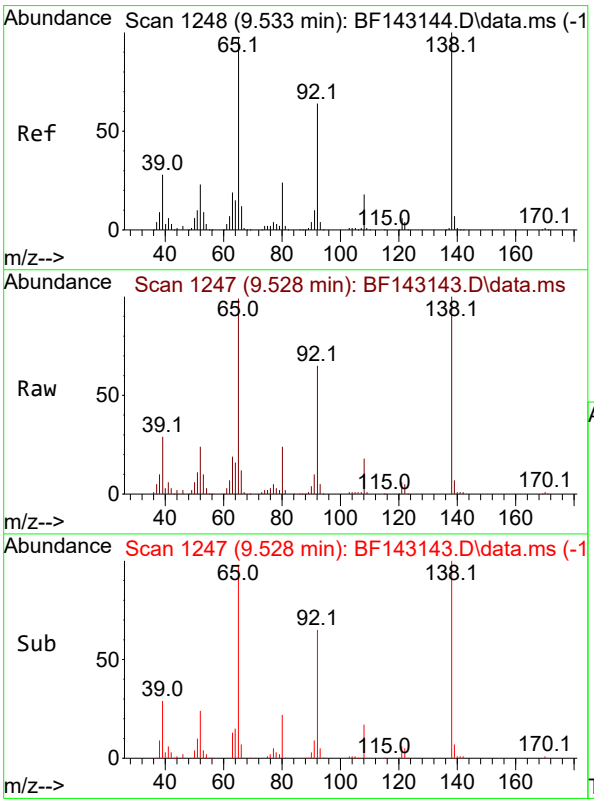
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.9	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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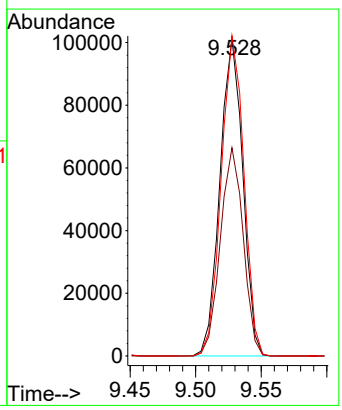
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

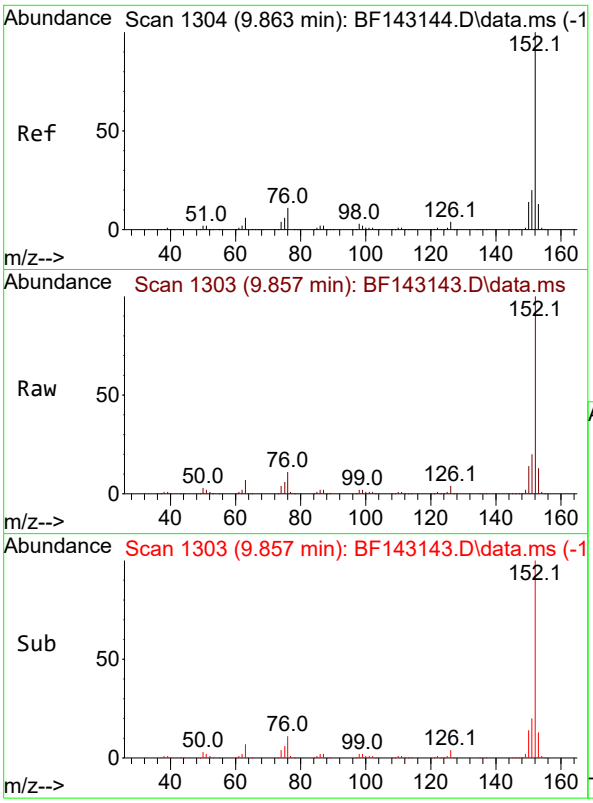


#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.4	78.6
138	100.8	82.3	123.5

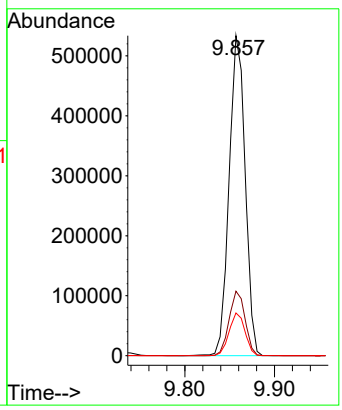




#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 66304

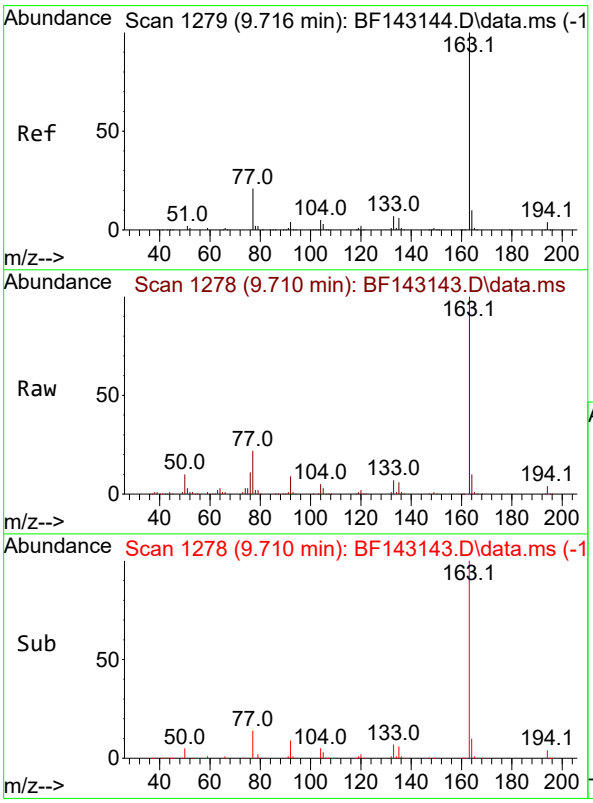
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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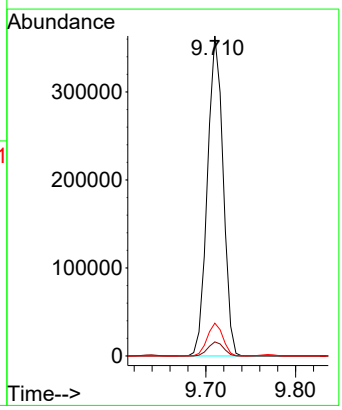
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

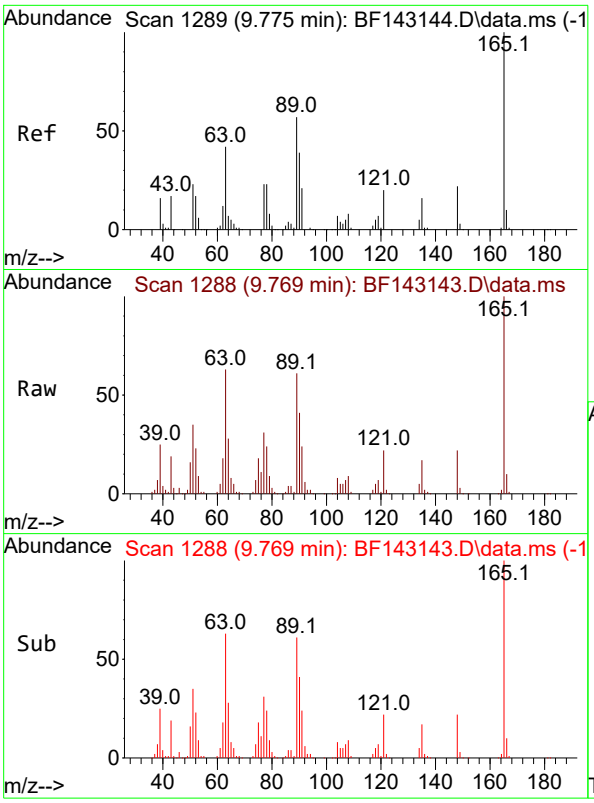


#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5

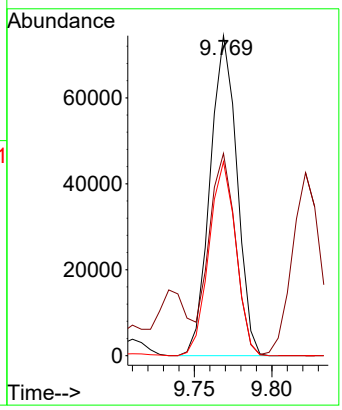




#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 8974

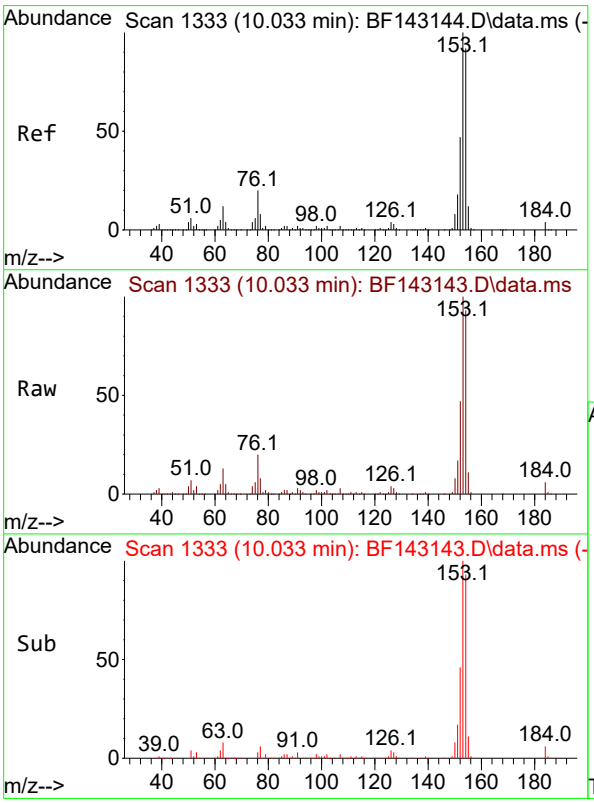
Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	60.6	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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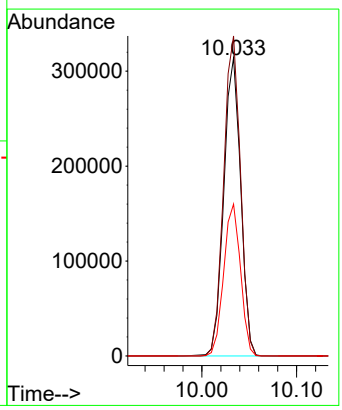
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

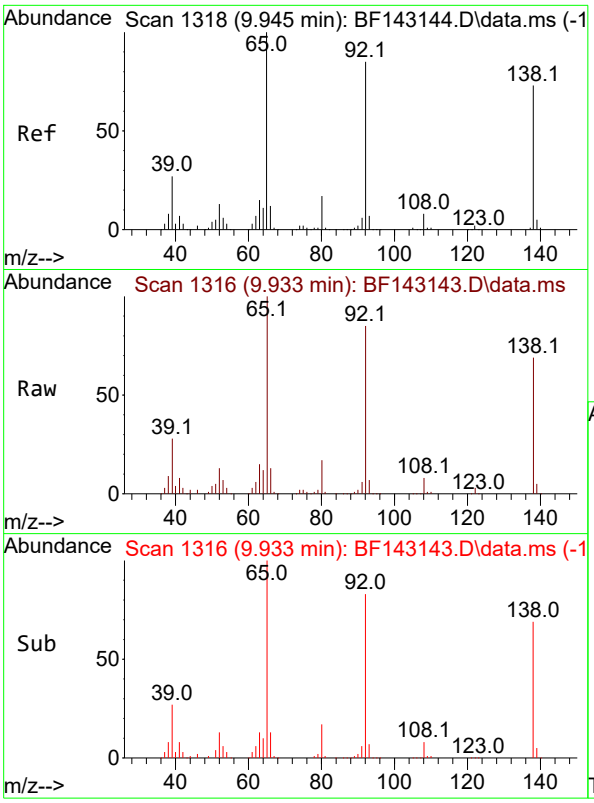


#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.6	129.8
152	50.9	40.4	60.6





#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

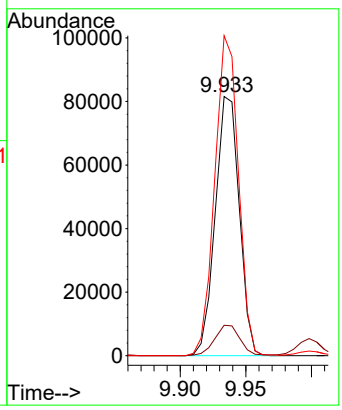
Tgt Ion:138 Resp: 10387

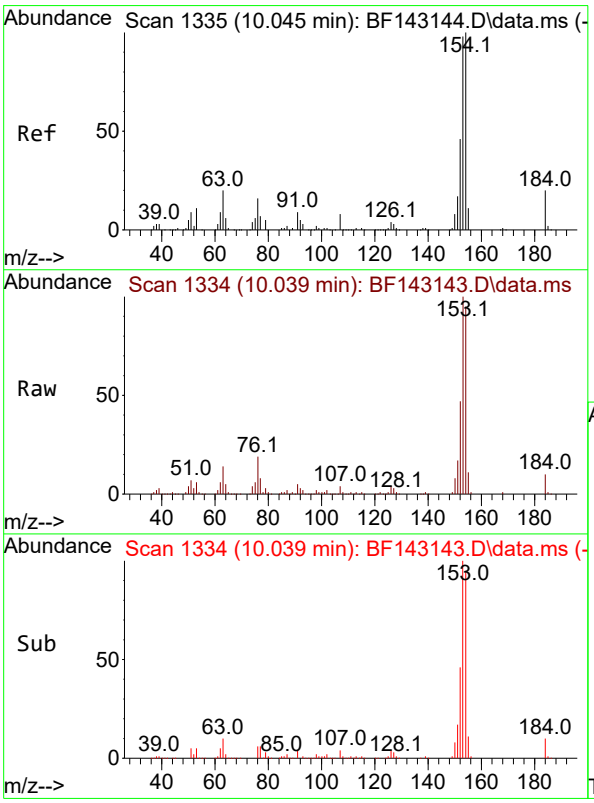
Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	123.4	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

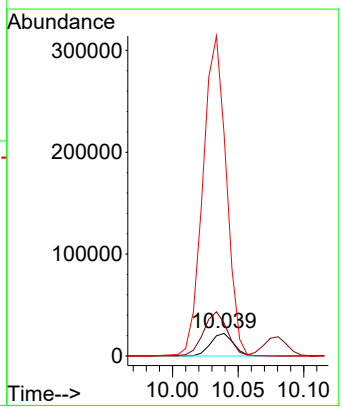


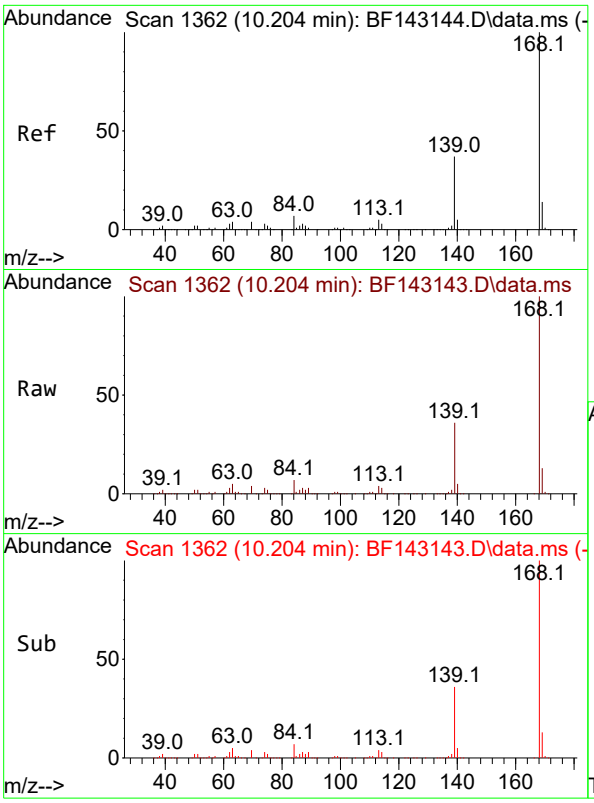


#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

Ion	Ratio	Lower	Upper
184	100		
63	145.3	81.8	122.6#
154	980.0	412.2	618.4#

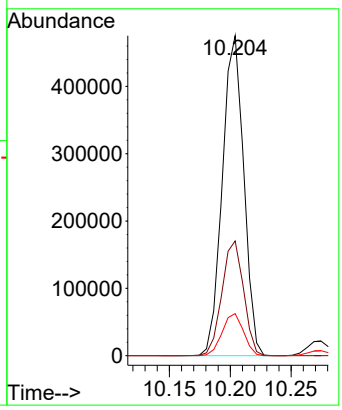




#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:168 Resp: 58232

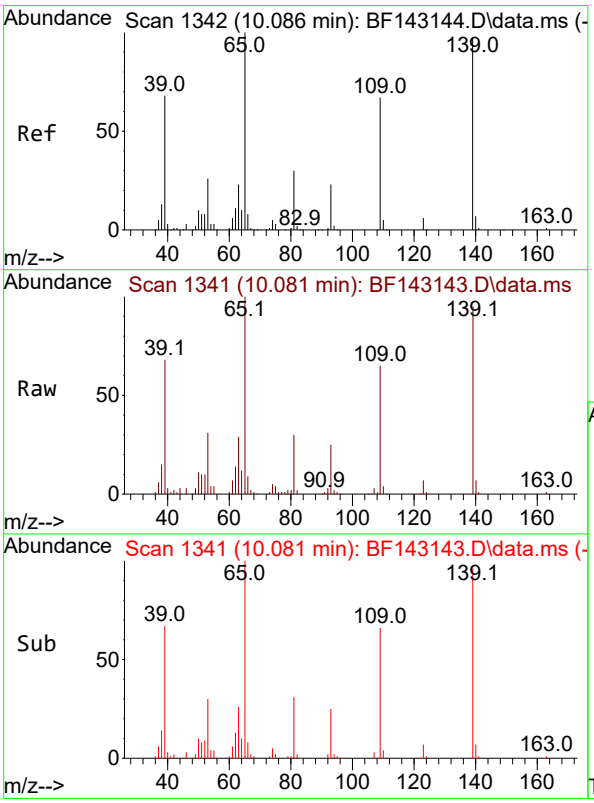
Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.5	44.3
169	13.1	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

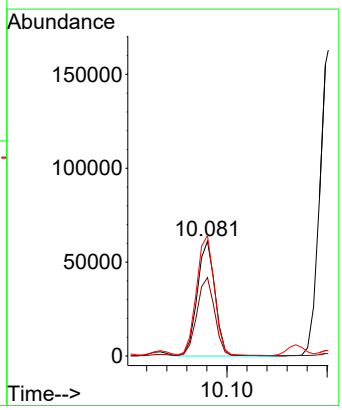
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

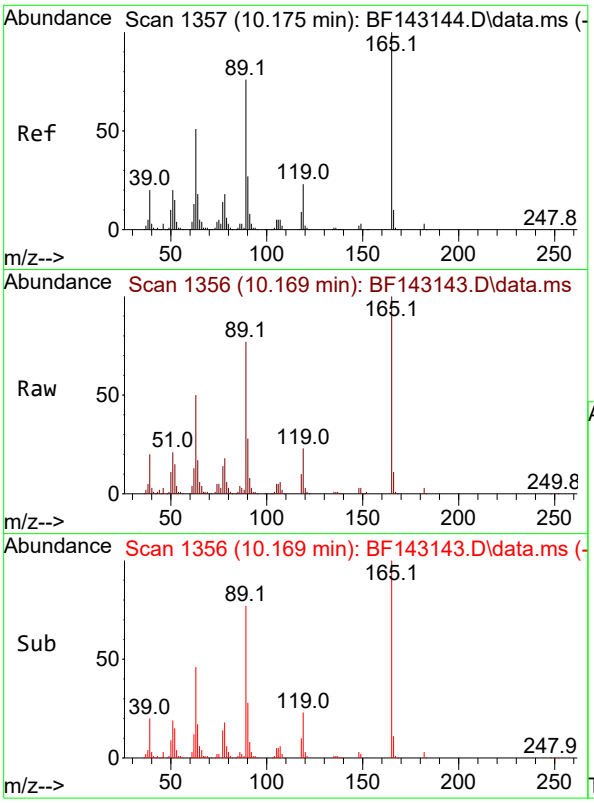


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.5	88.5
65	105.1	83.4	123.4

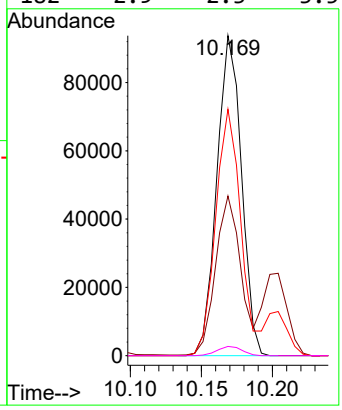




#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 11285

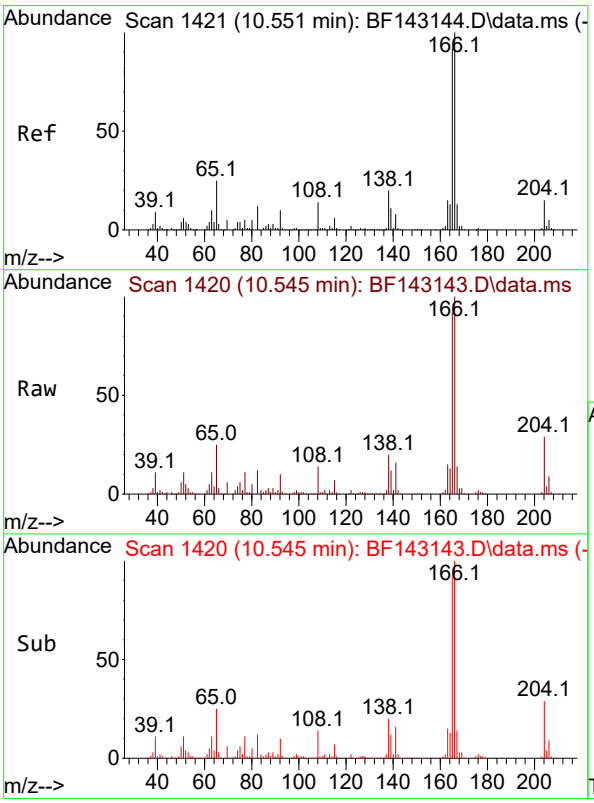
Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.4
89	77.0	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

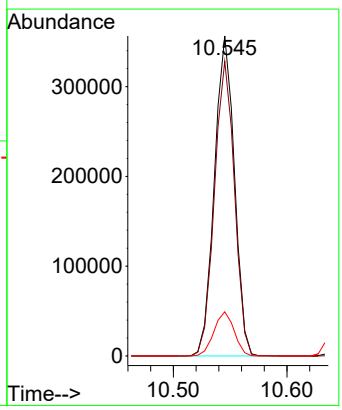
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

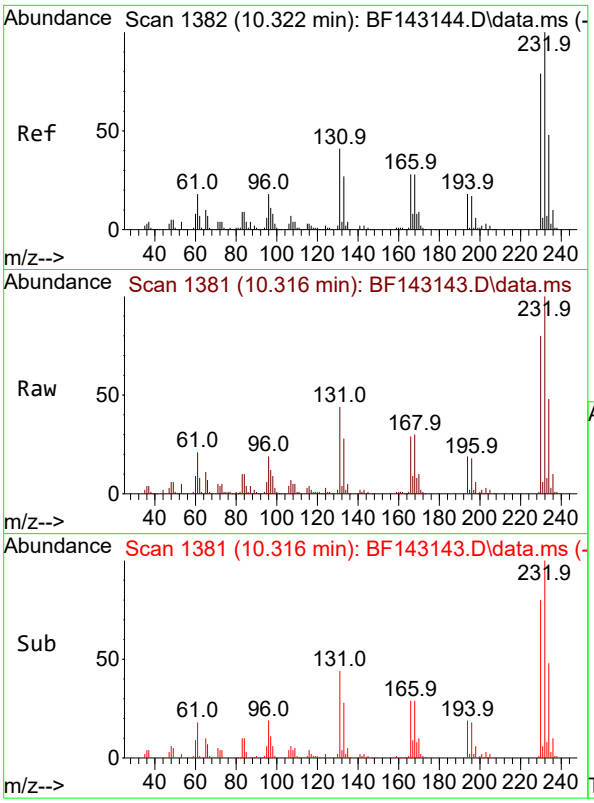


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0

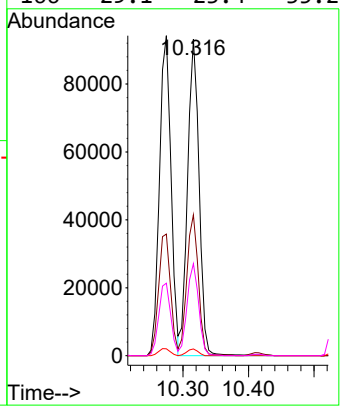




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:232 Resp: 11385

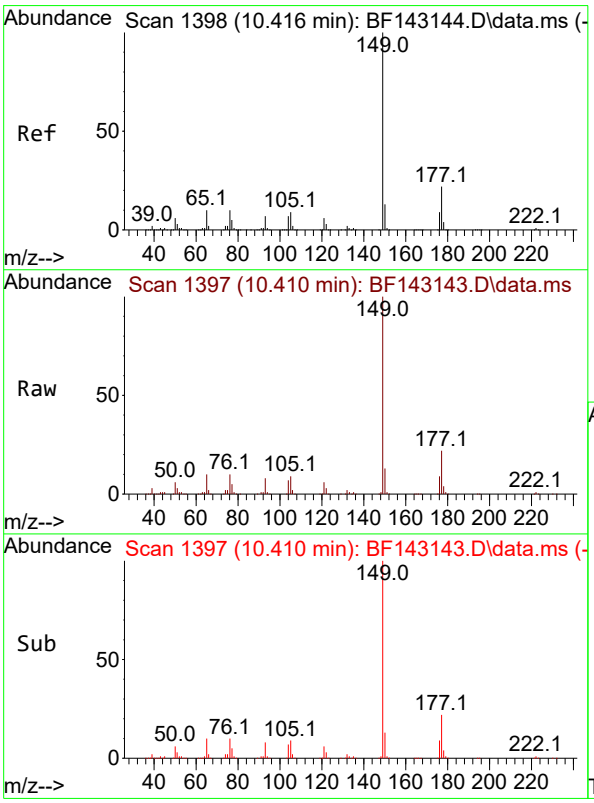
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	29.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

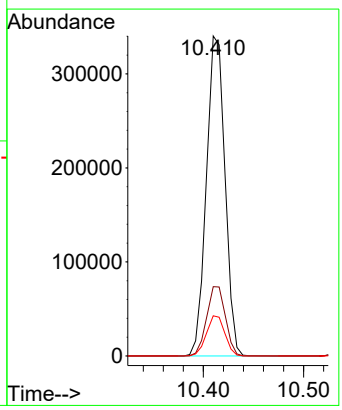
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

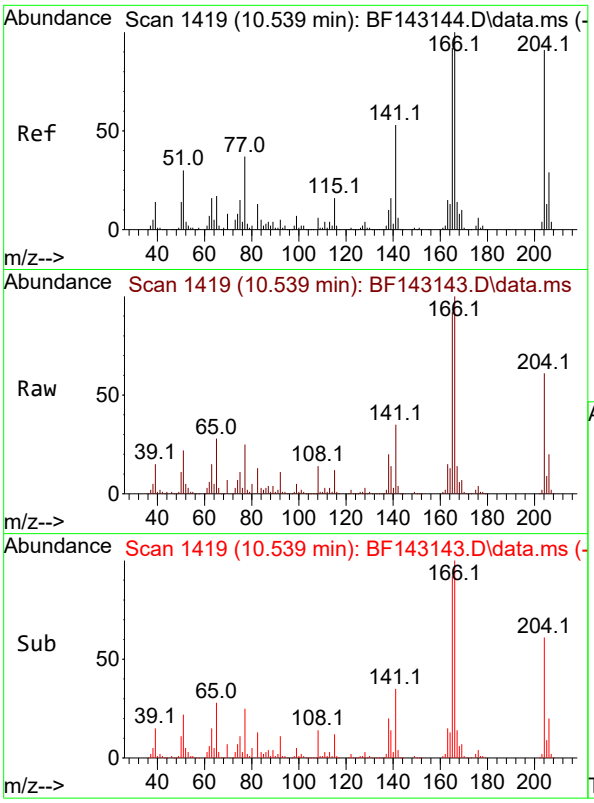


#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.5	10.2	15.2

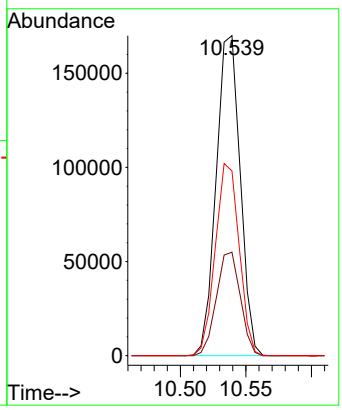




#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:204 Resp: 21649

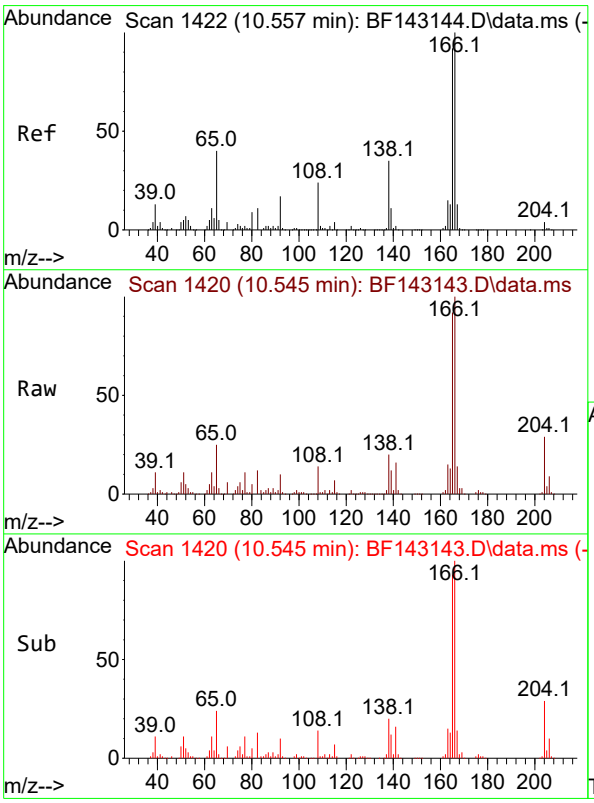
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.8	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

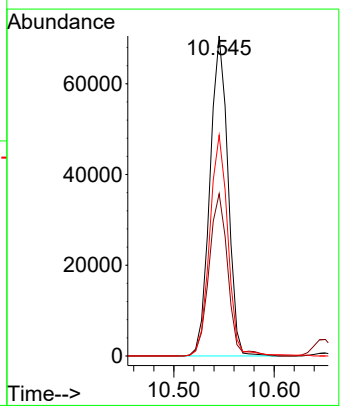
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

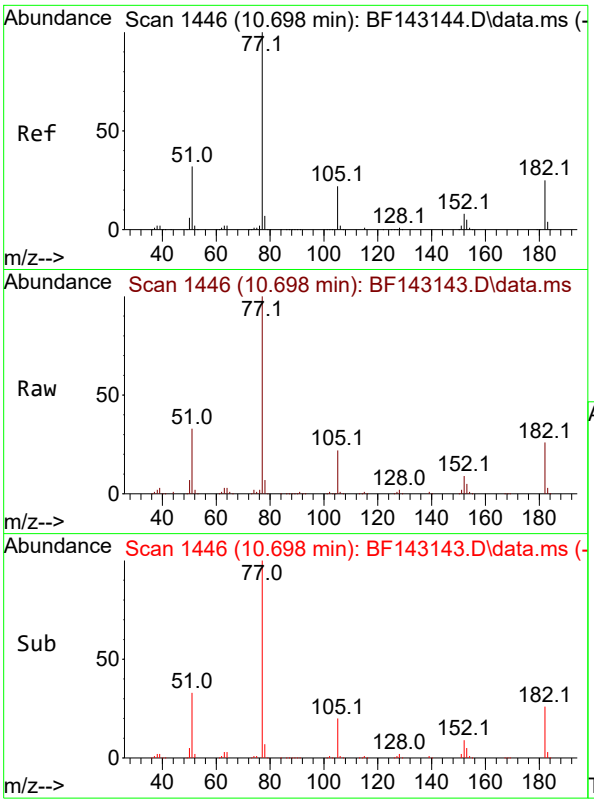


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.0	48.3	88.3

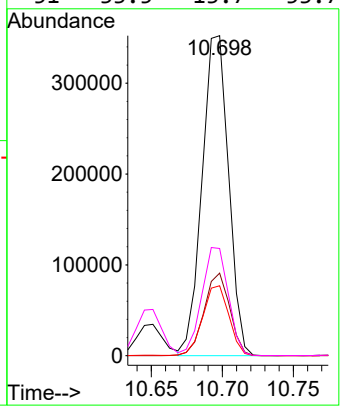




#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 45801

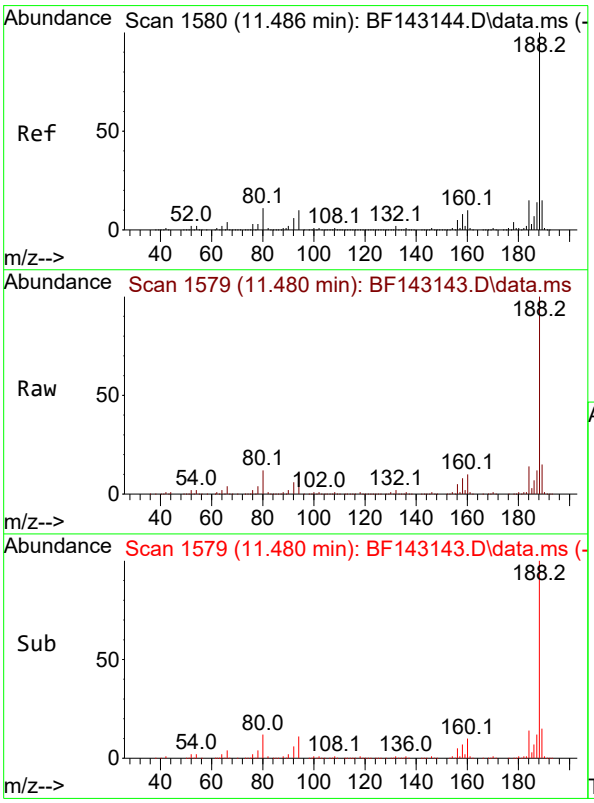
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	21.8	1.4	41.4
51	33.5	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

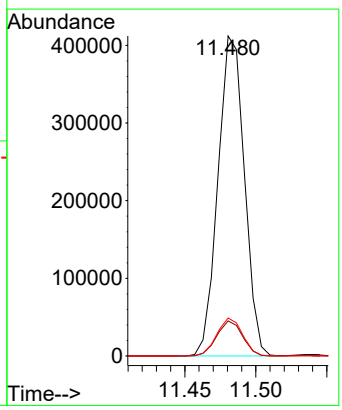
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

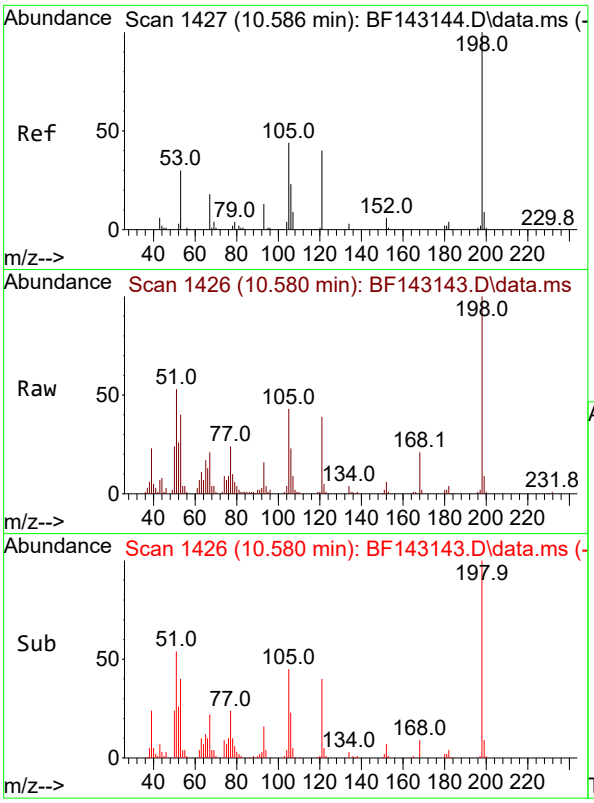


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.0	13.6

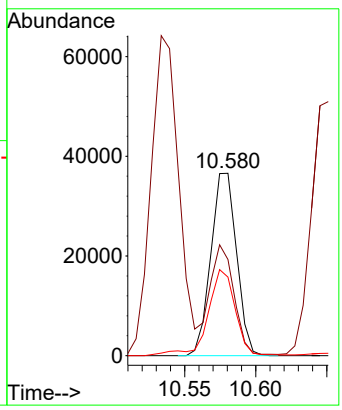




#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:198 Resp: 4612

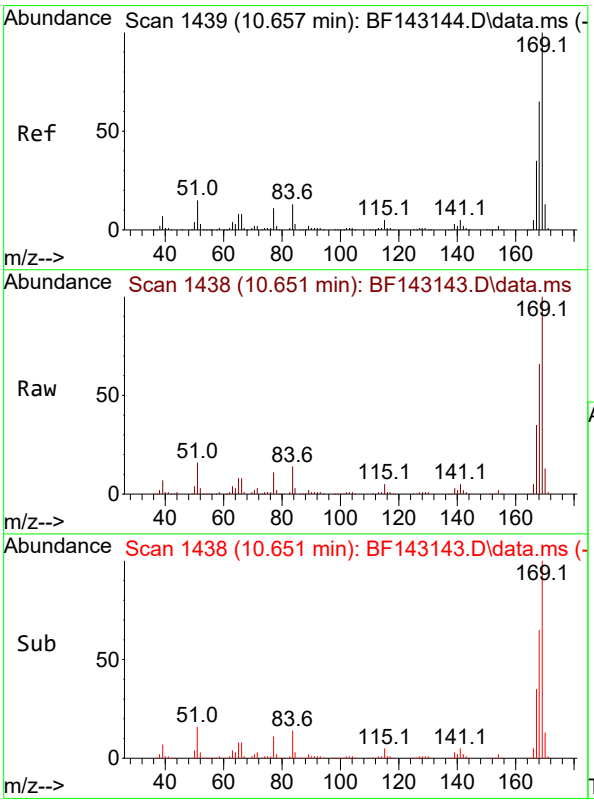
Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	43.1	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

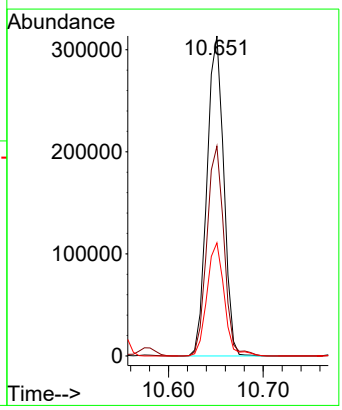
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

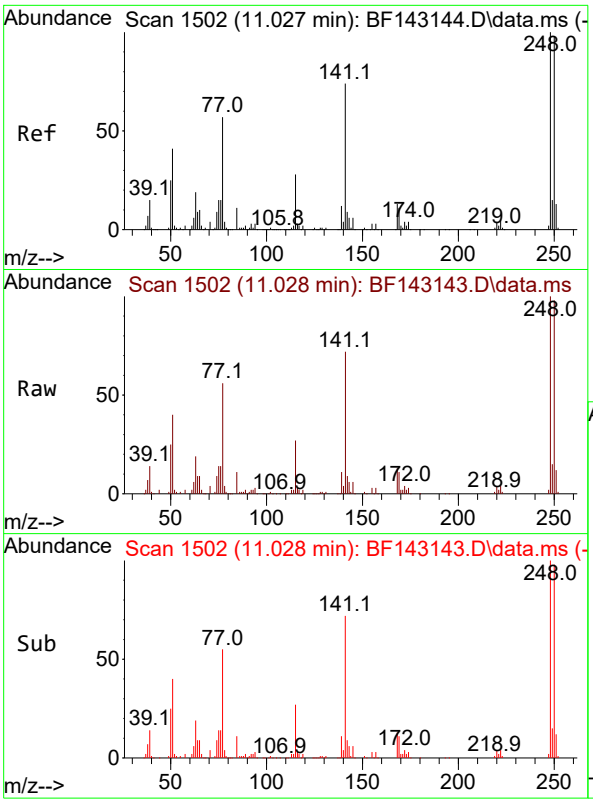


#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.4	28.2	42.2

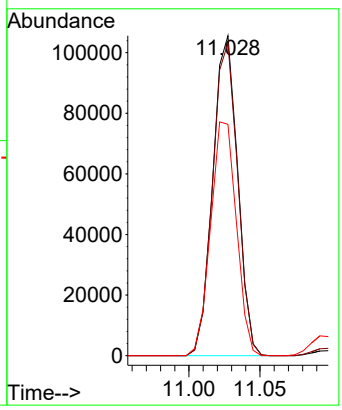




#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:248 Resp: 12866

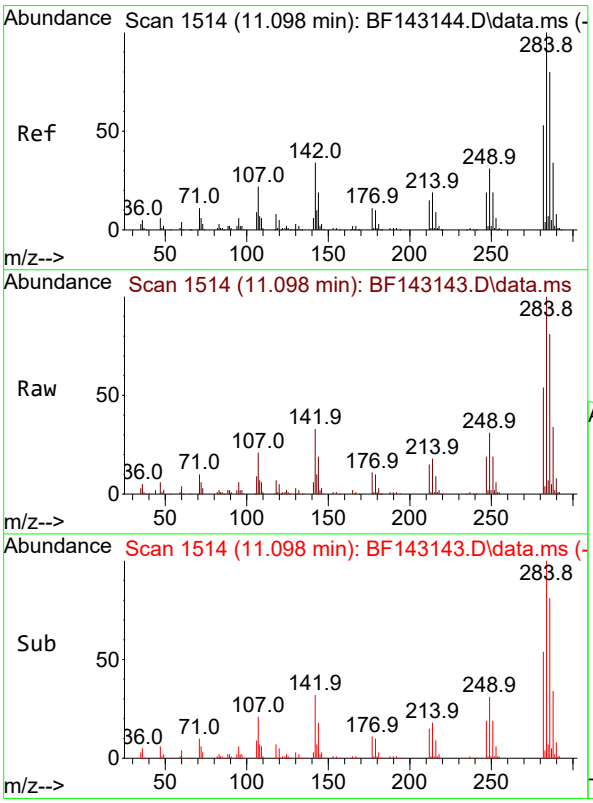
Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	72.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

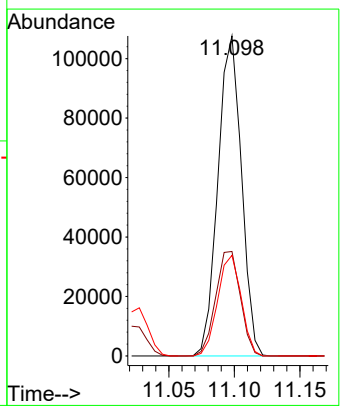
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

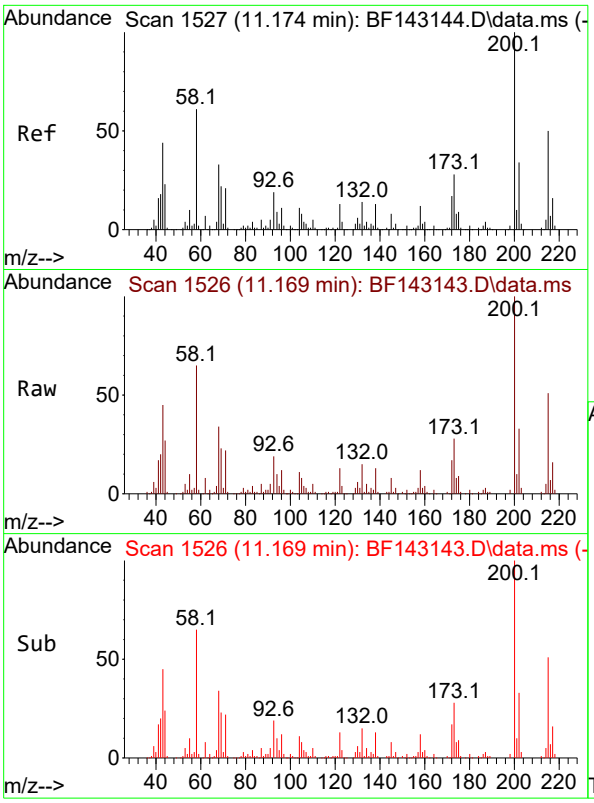


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.5	25.0	37.6

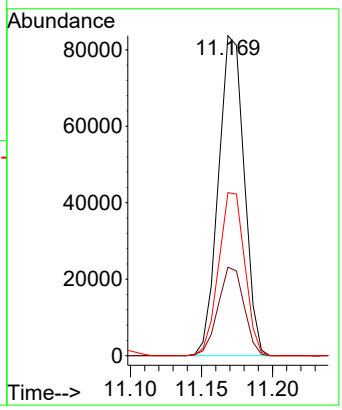




#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:200 Resp: 10538

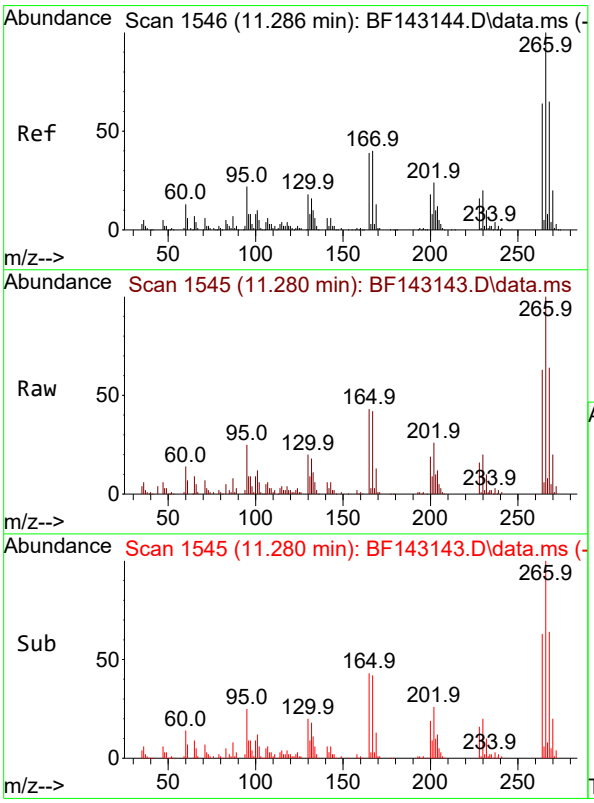
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	51.0	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

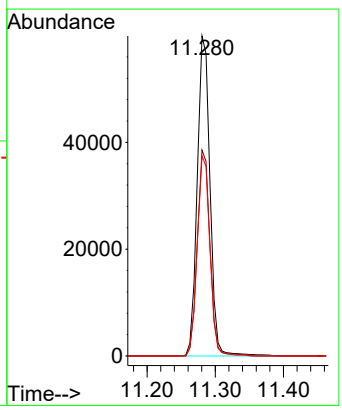
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

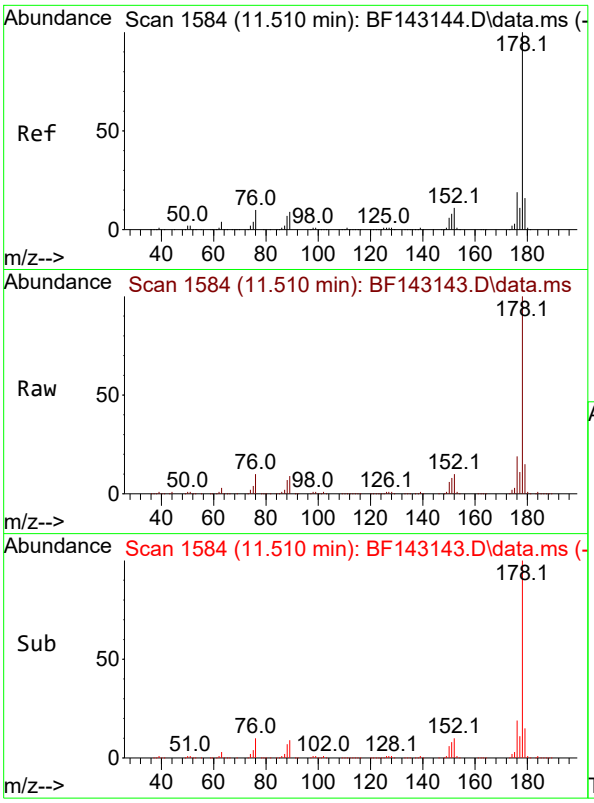


#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.6	51.0	76.6

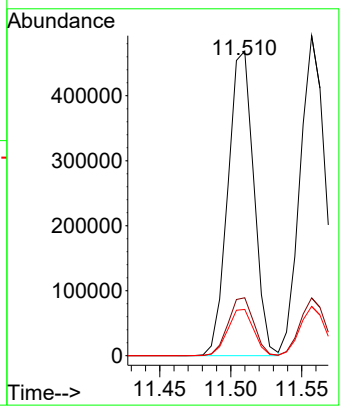




#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 59541

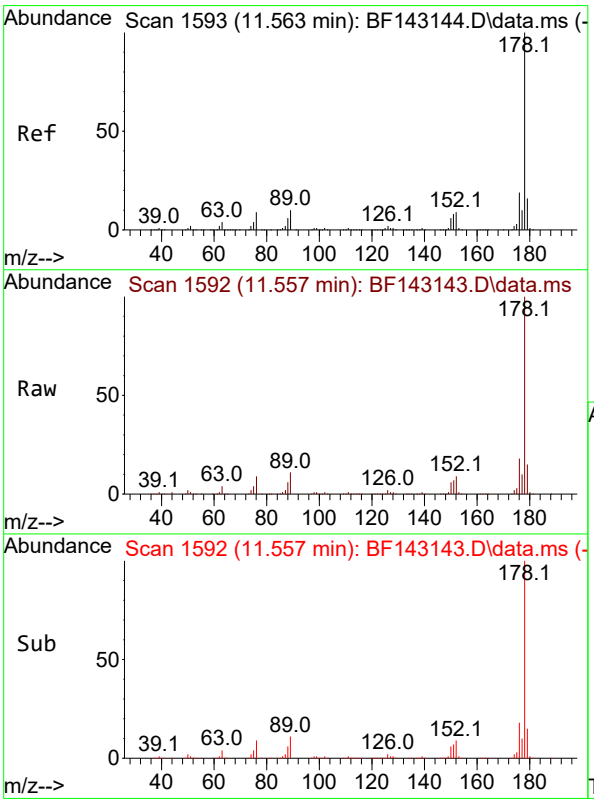
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

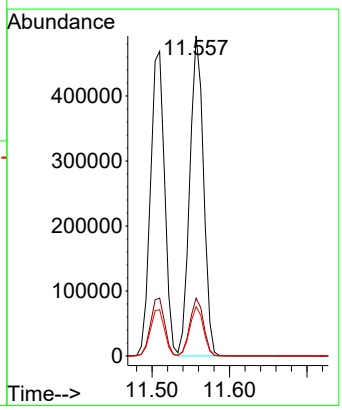
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

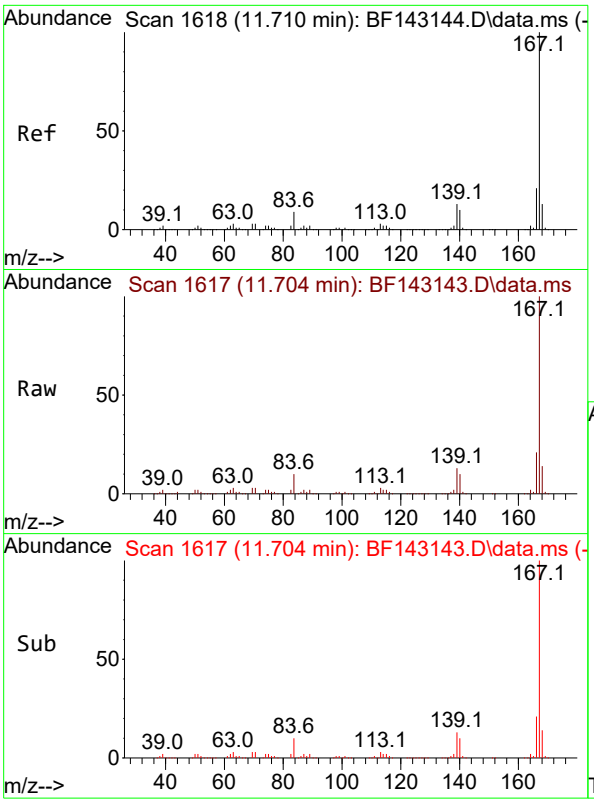


#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.5	18.7

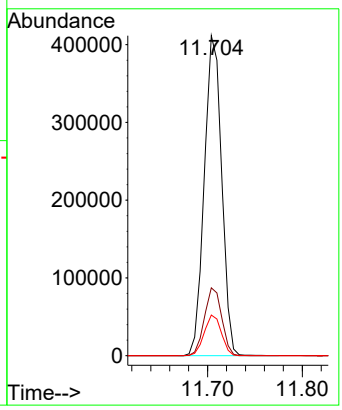




#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:167 Resp: 52336

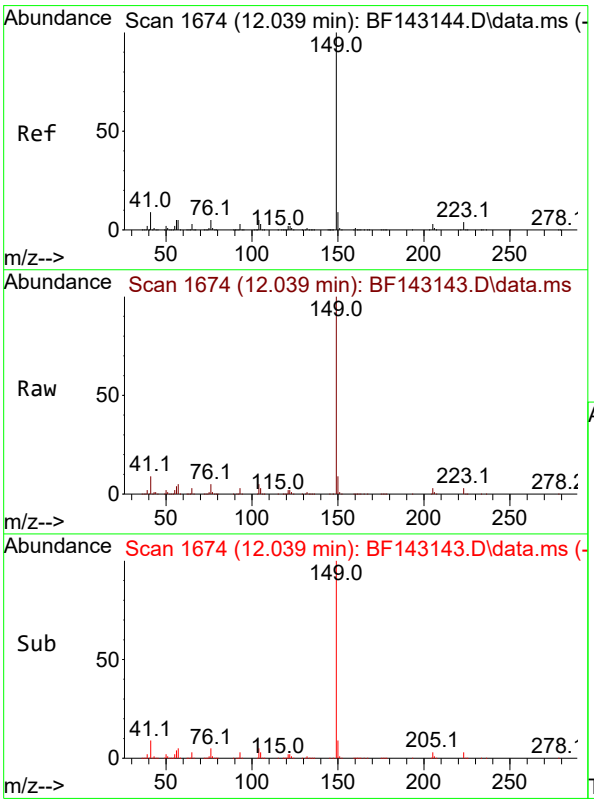
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

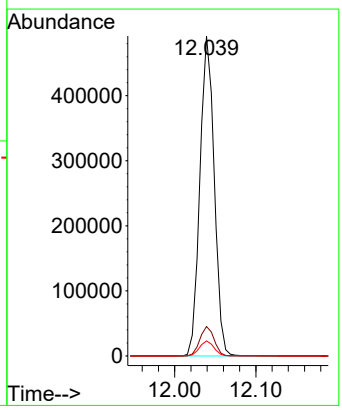
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

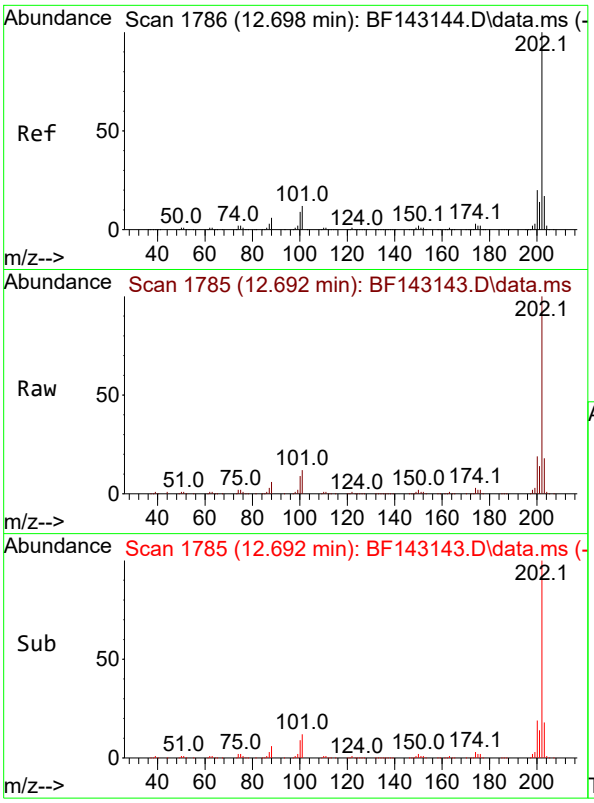


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8

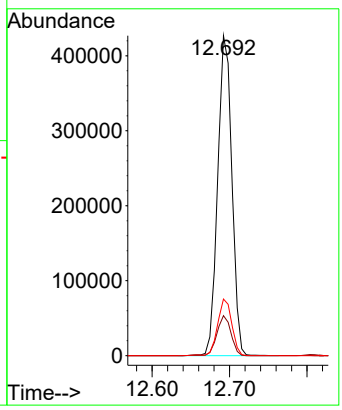




#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 54266

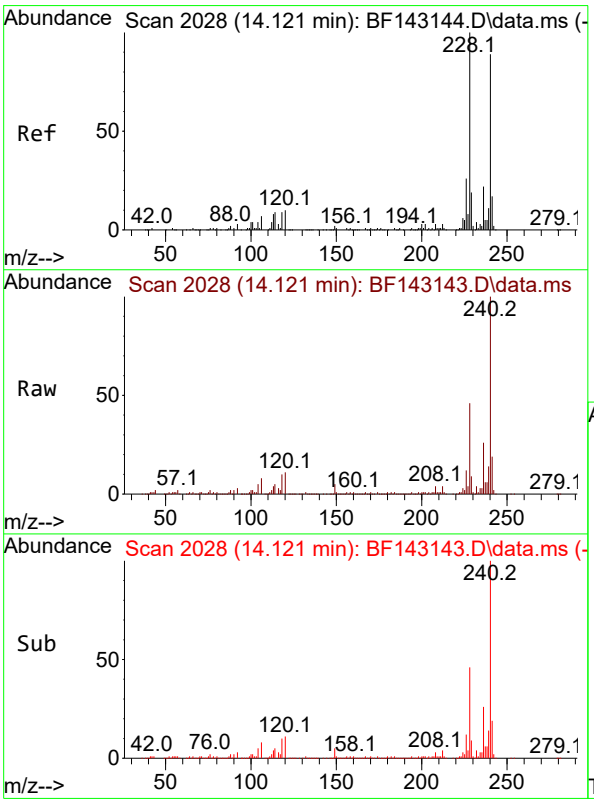
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.7	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

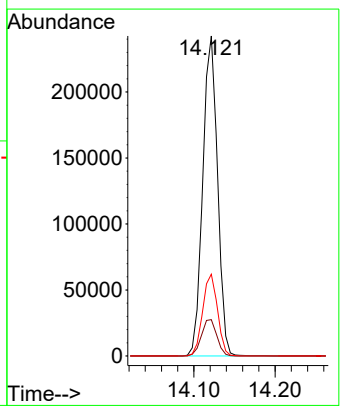
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

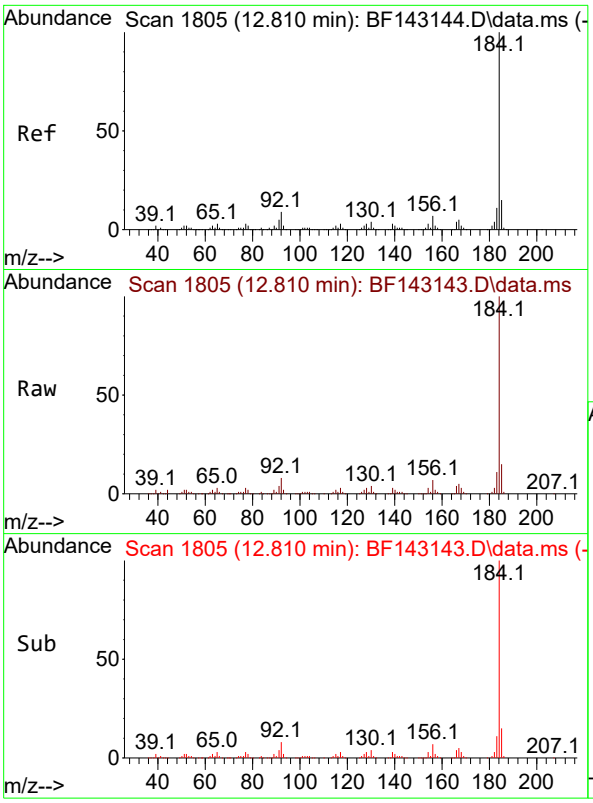


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.5	20.2	30.4

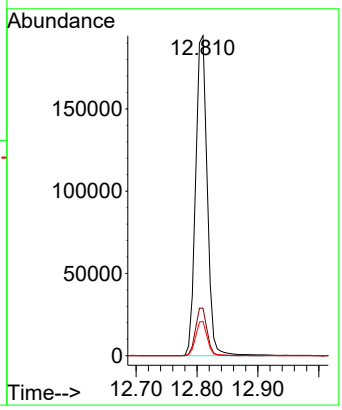




#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 25790

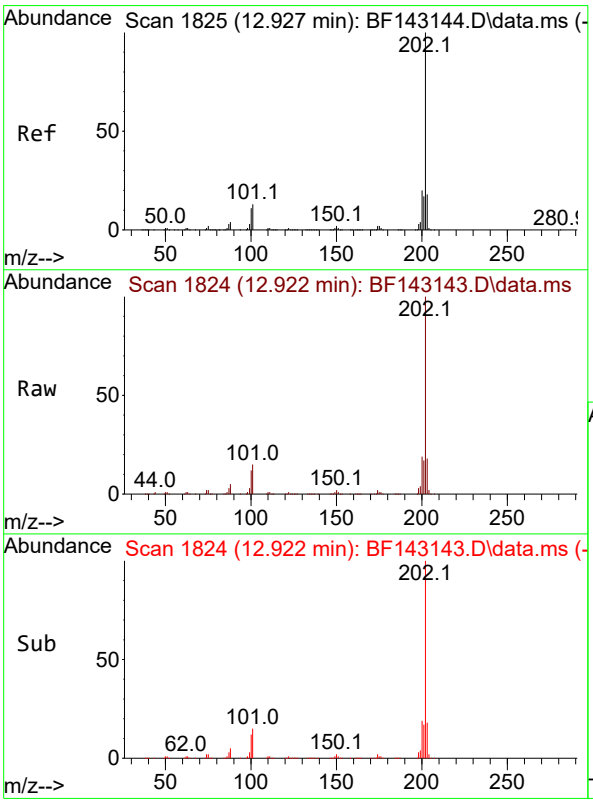
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	10.7	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

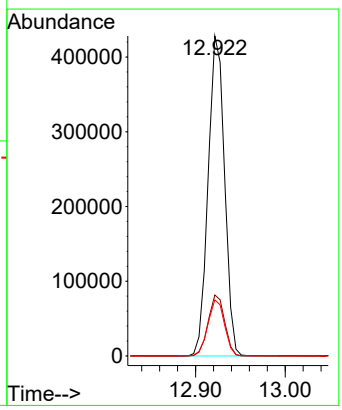
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

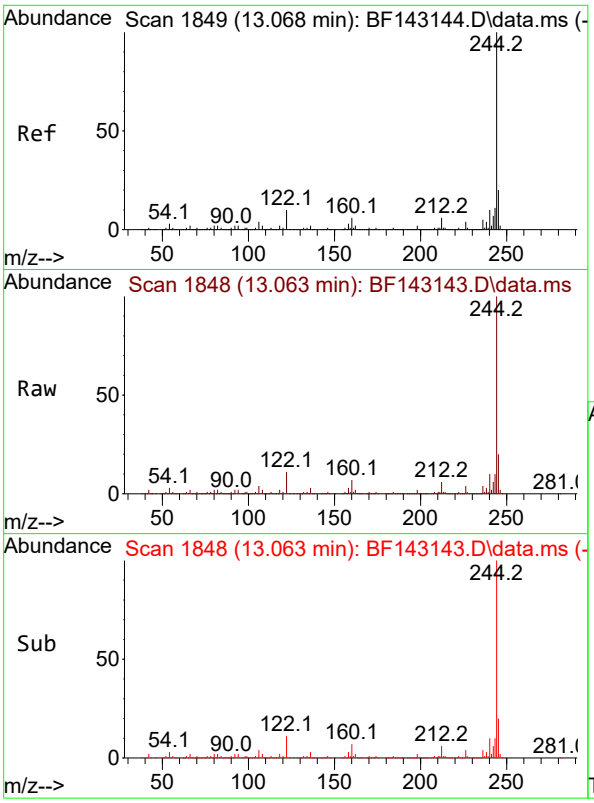


#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	17.6	14.2	21.2

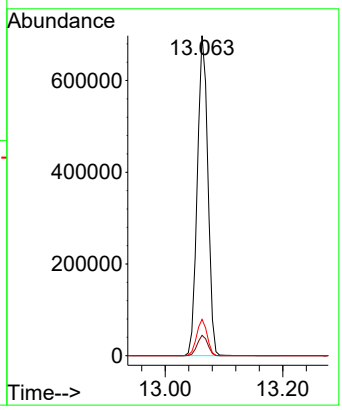




#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:244 Resp: 86683

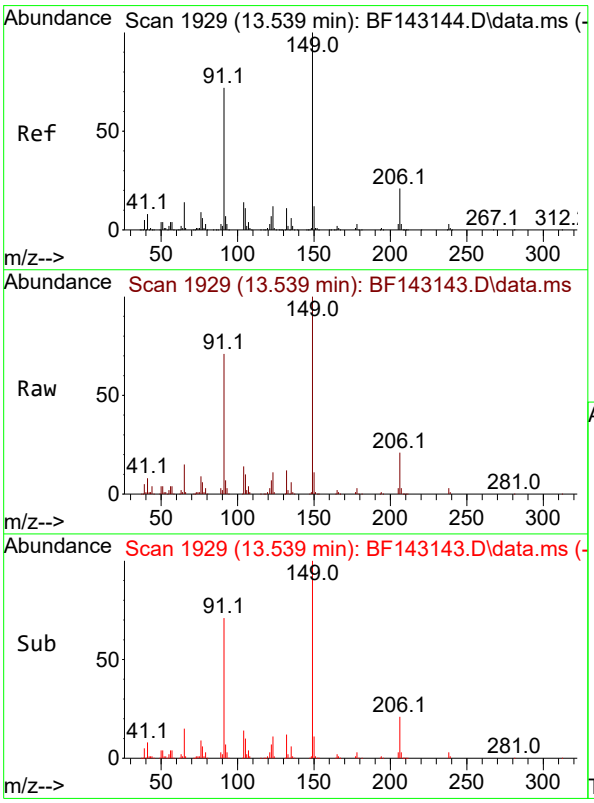
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

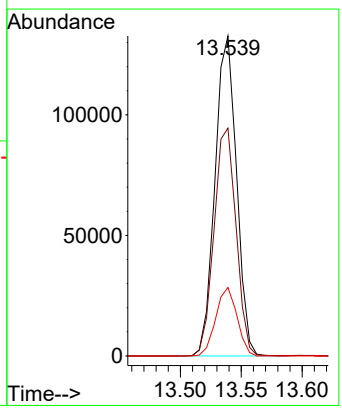
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

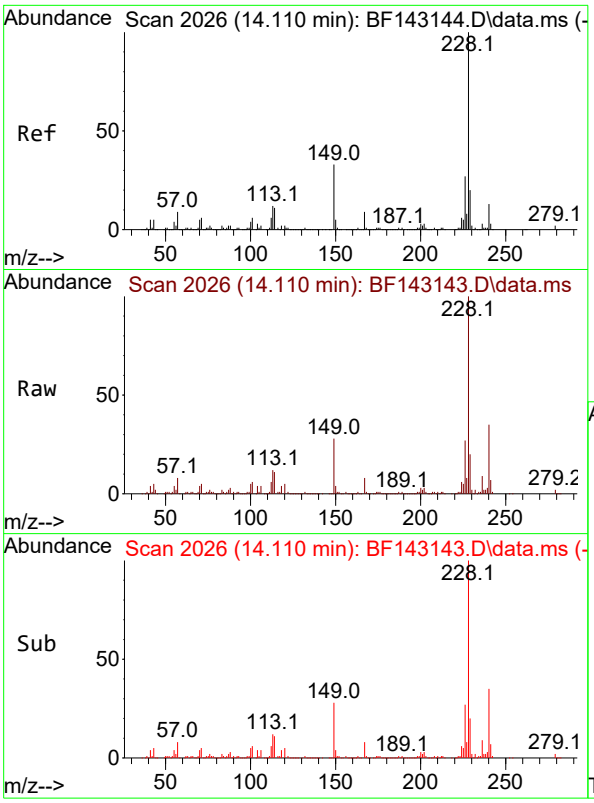


#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.9	86.9
206	21.4	17.0	25.4

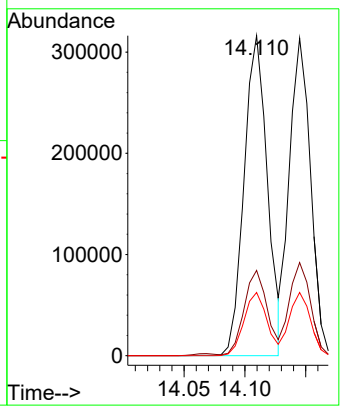




#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 42179

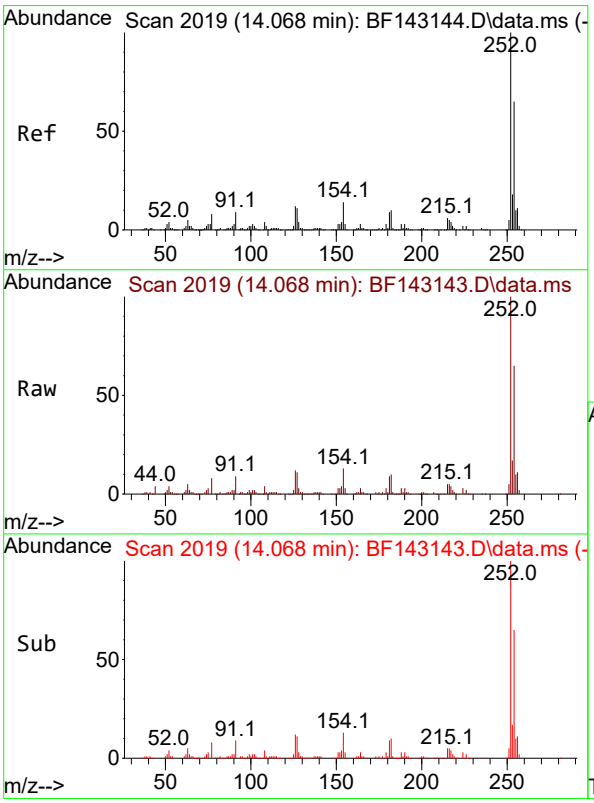
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

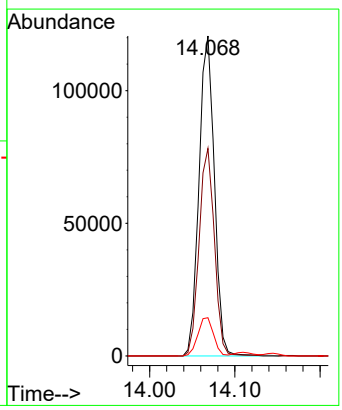
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

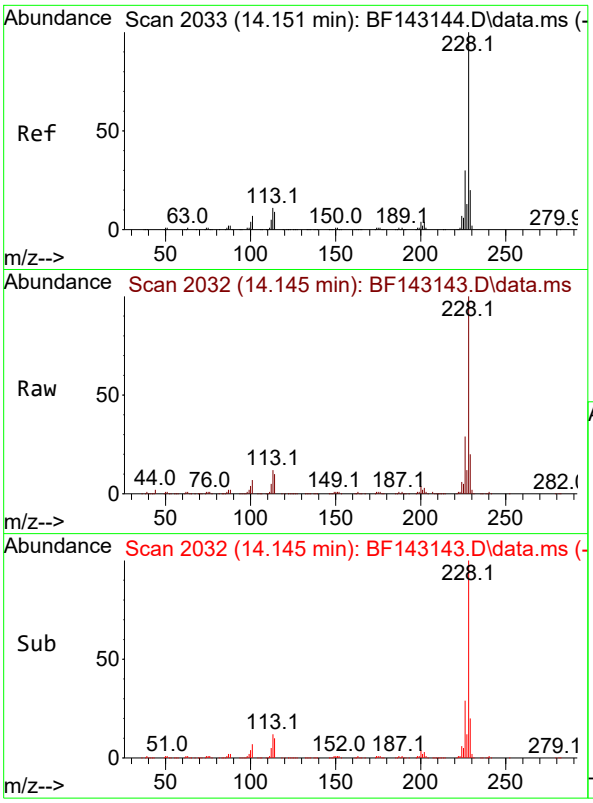


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	12.0	9.4	14.0

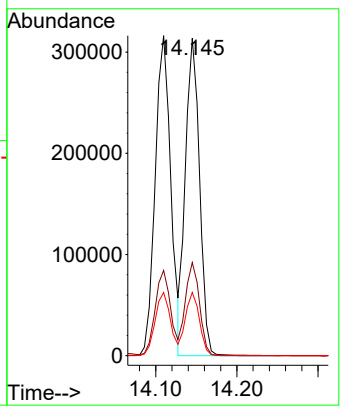




#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 380799

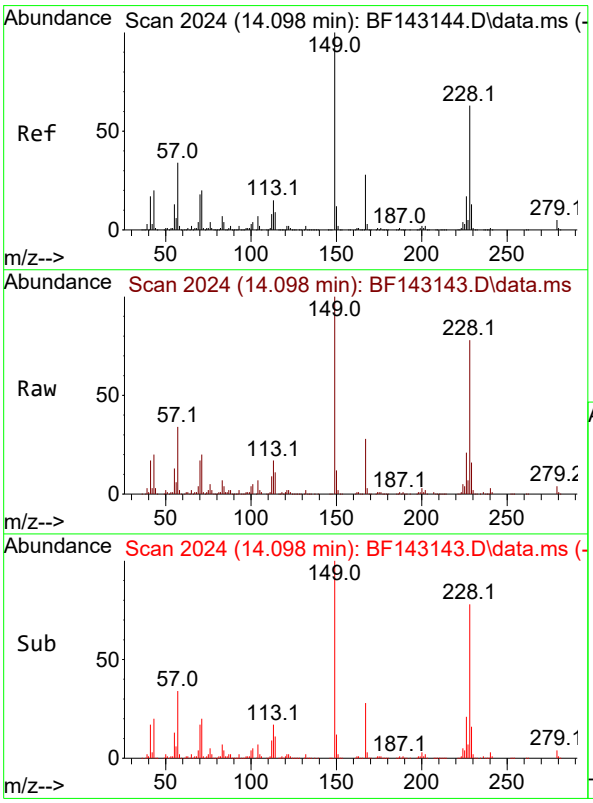
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

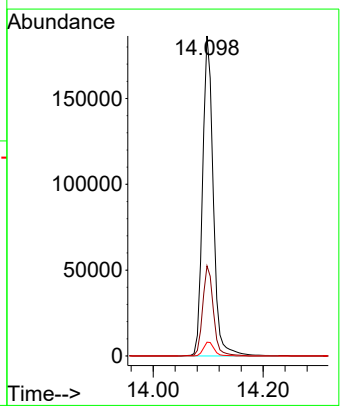
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

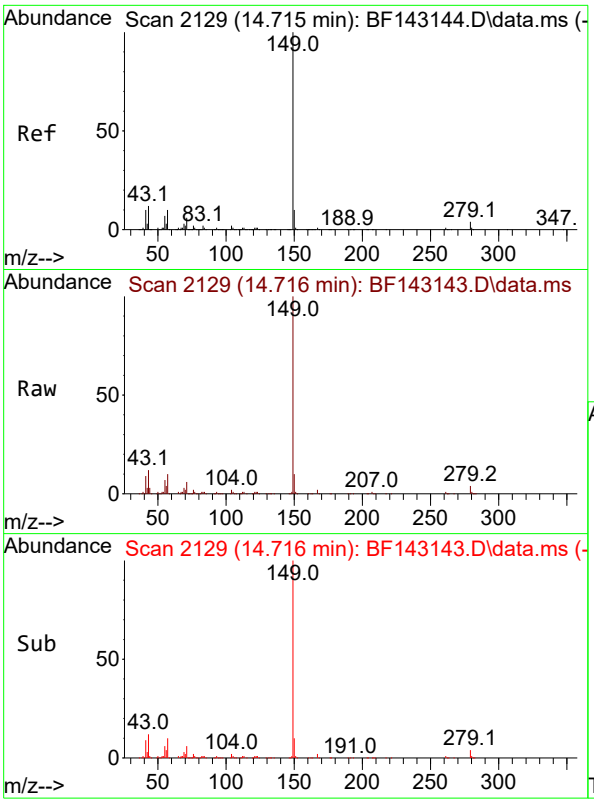


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.3	3.6	5.4

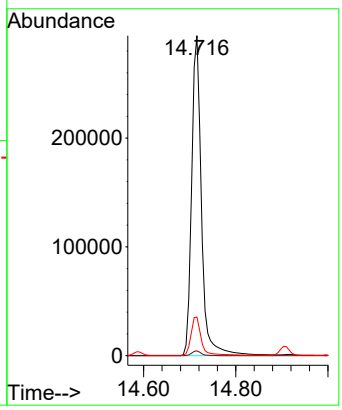




#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 43610

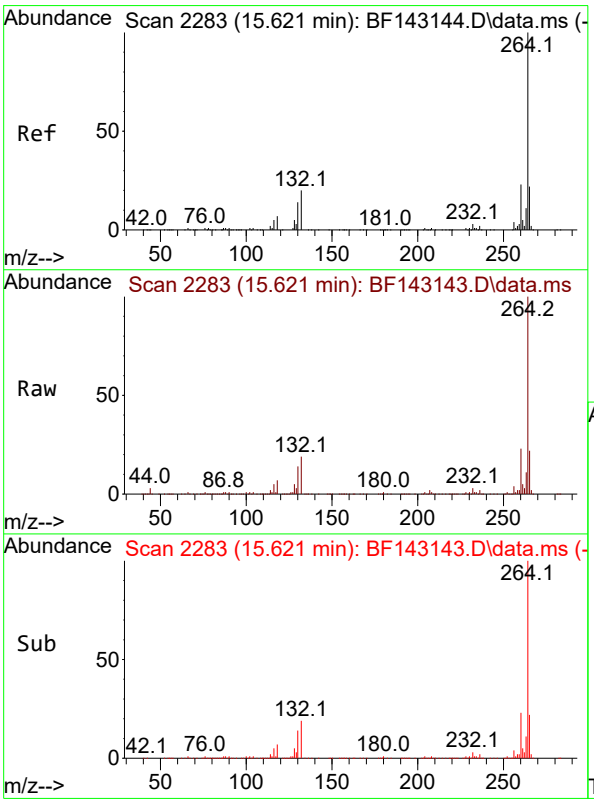
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

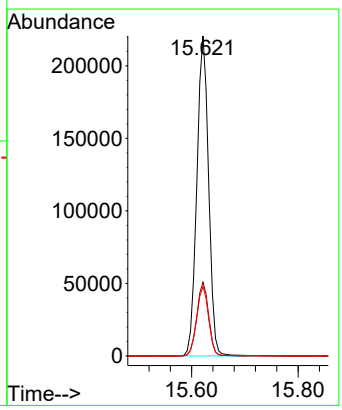
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

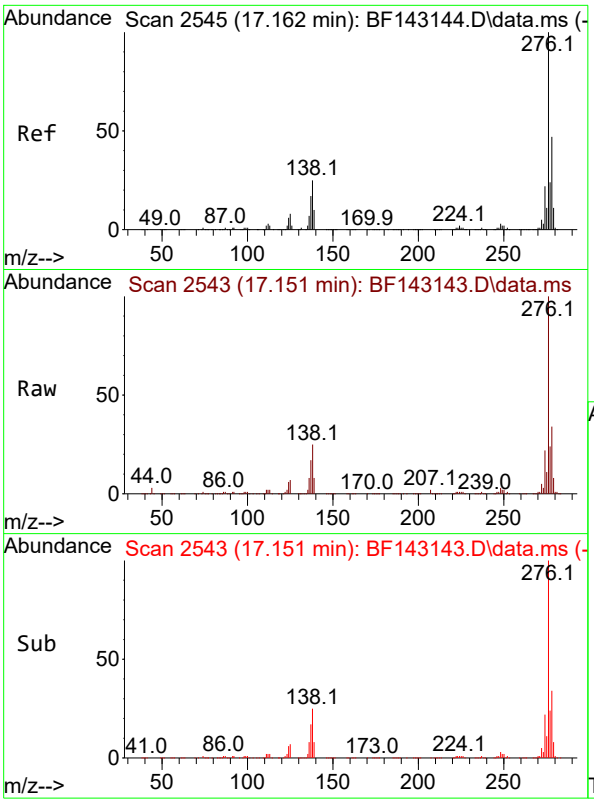


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.4	26.2

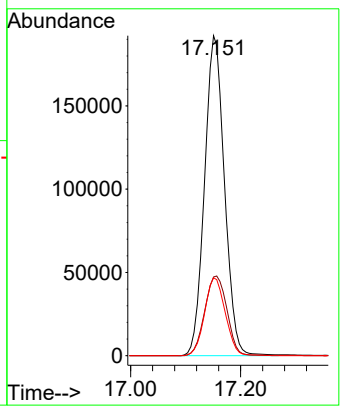




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 48424

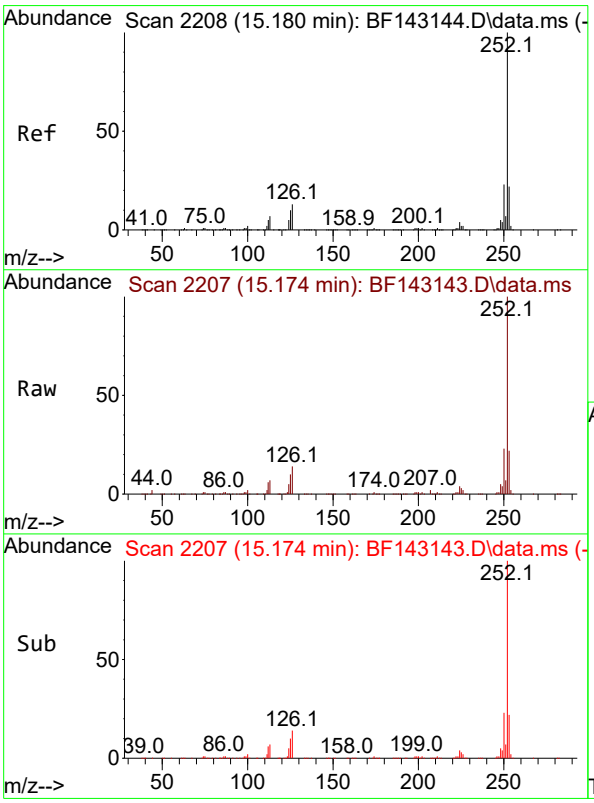
Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

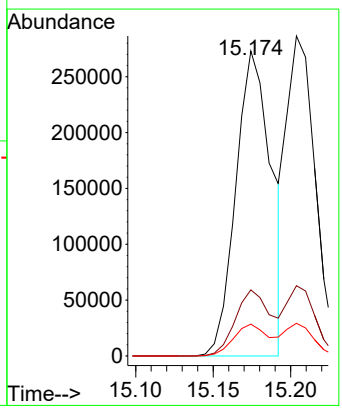
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

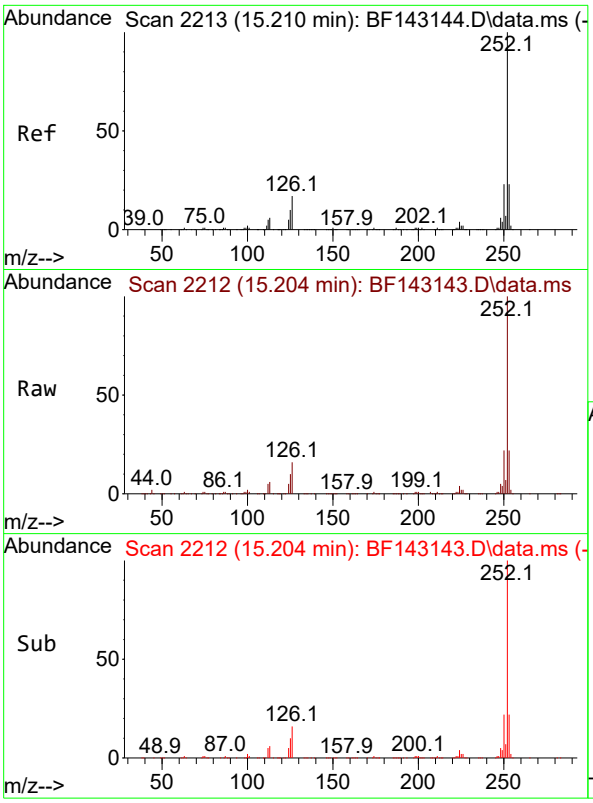


#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	8.0	12.0

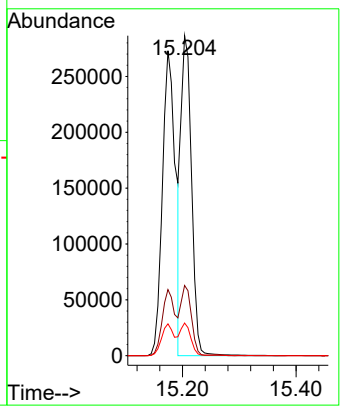




#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 36989

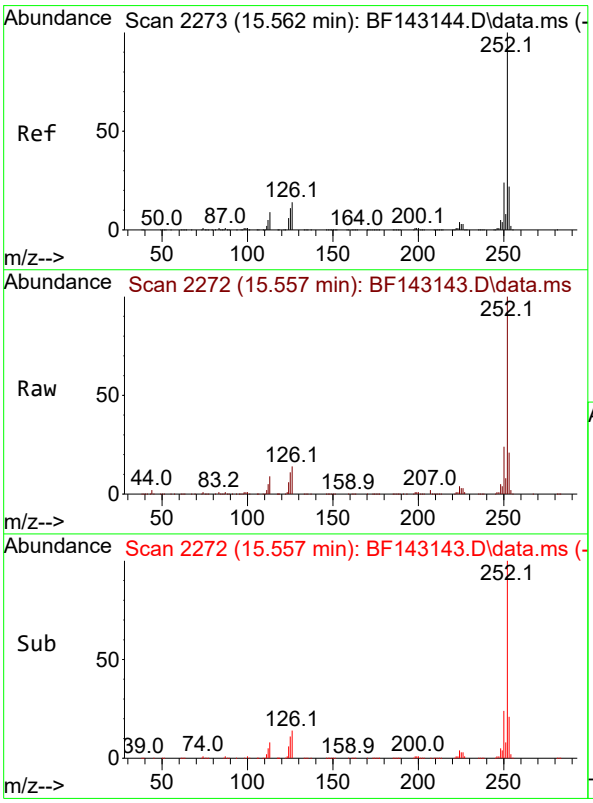
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

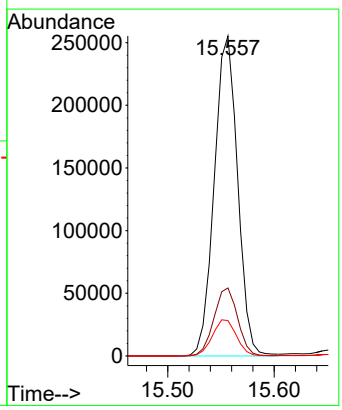
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

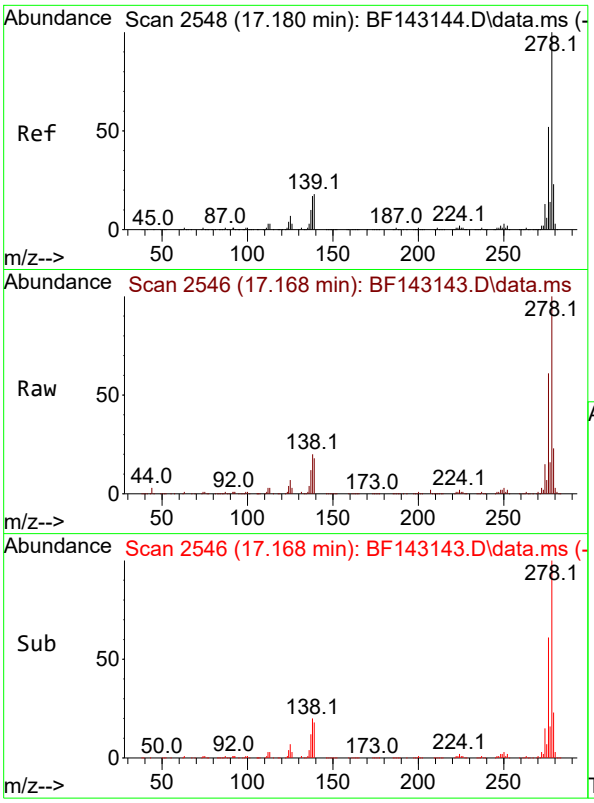


#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	11.0	8.6	13.0

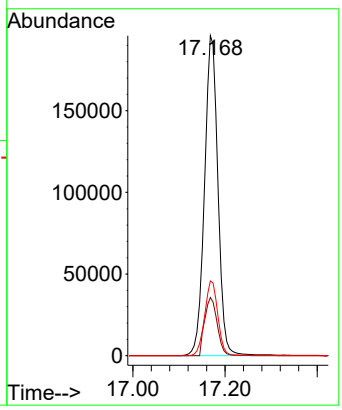




#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:278 Resp: 39894

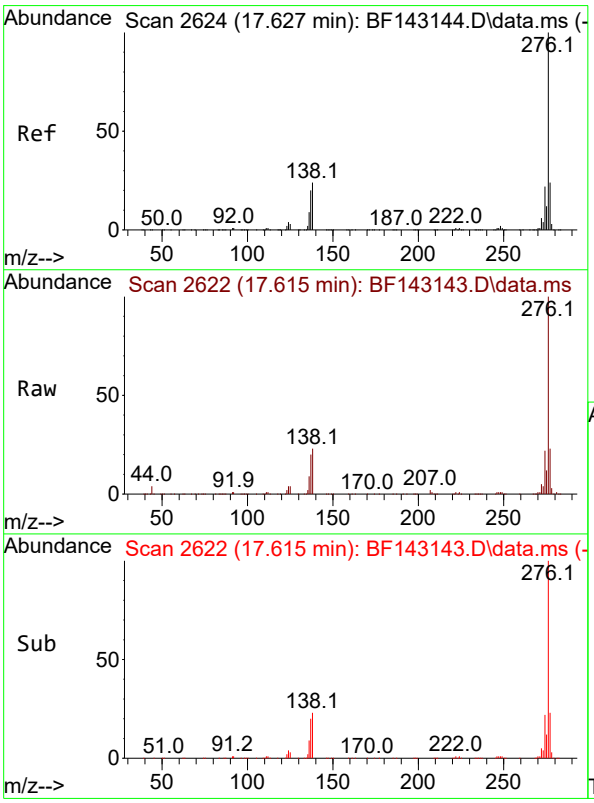
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.1	21.1
279	23.4	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

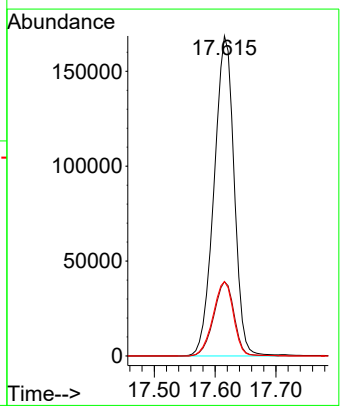
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.3	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	571741m	39.487	ng	
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	230958m	39.680	ng	
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

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

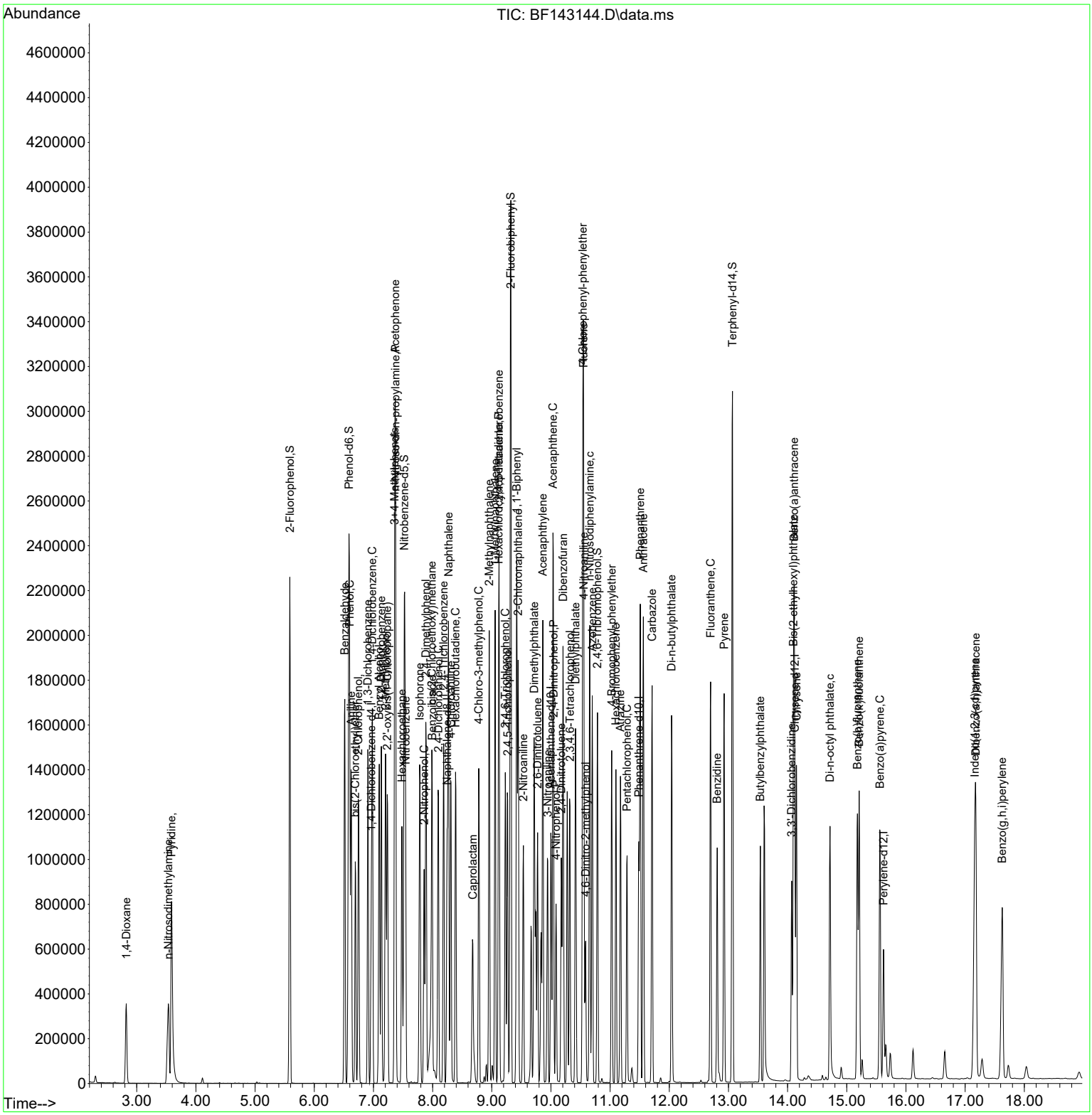
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

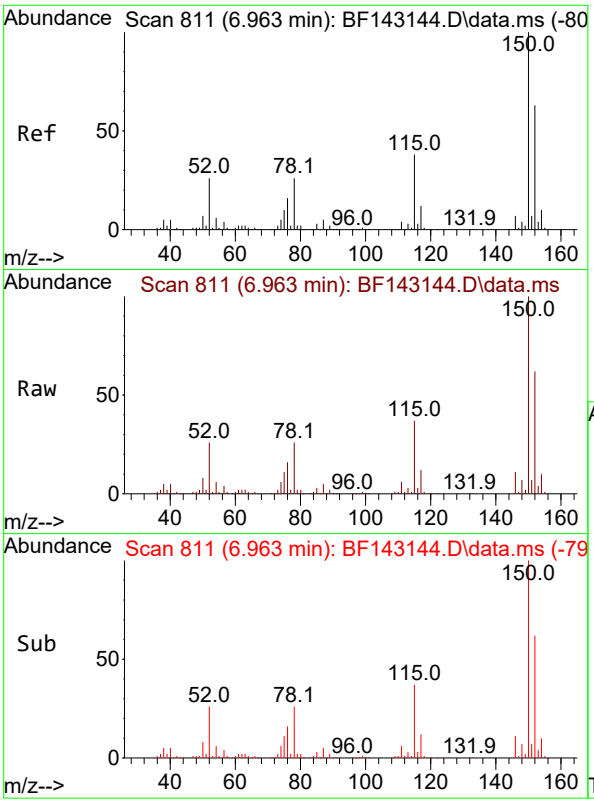
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

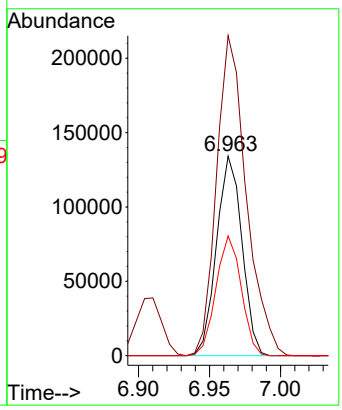




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 16709

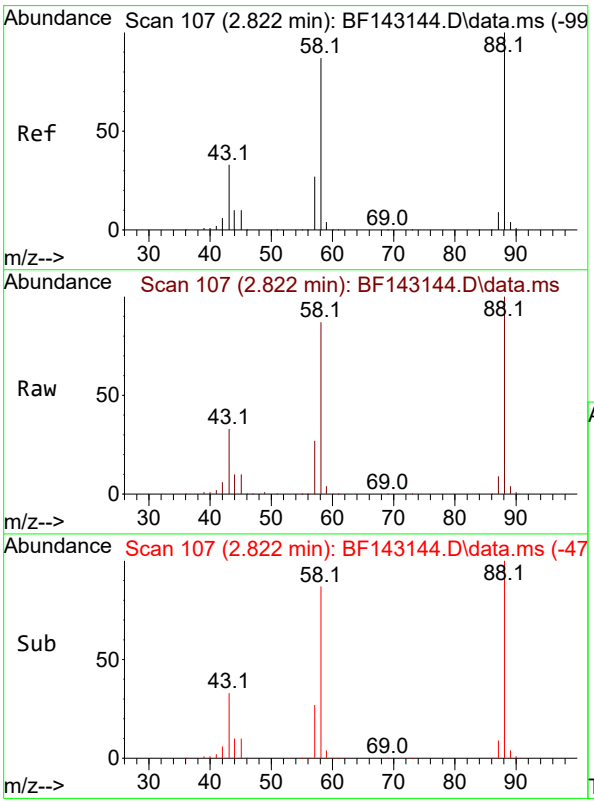
Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	59.9	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

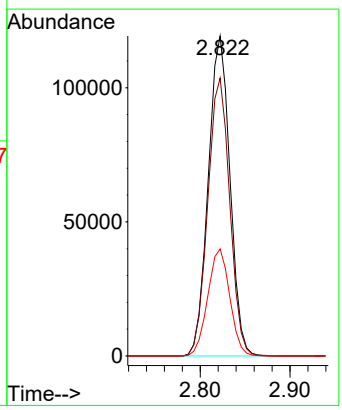
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

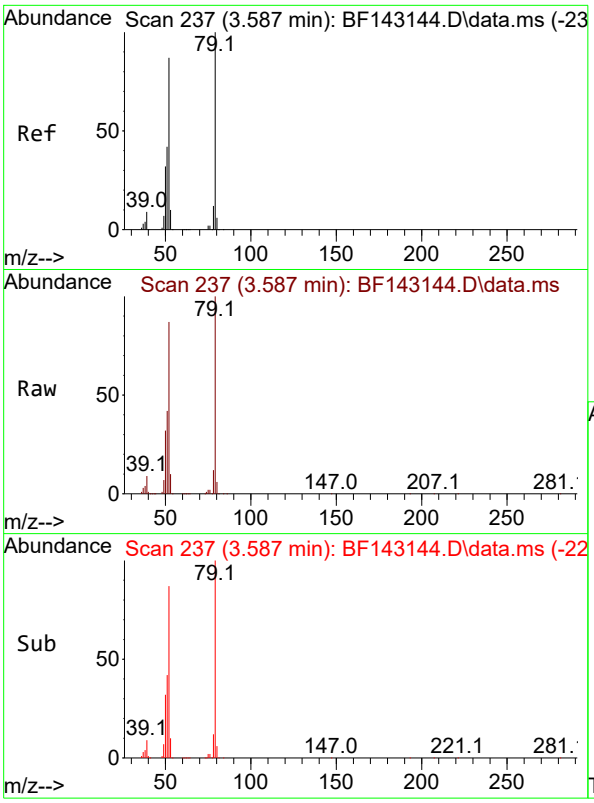


#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.2	105.2
43	33.9	27.1	40.7

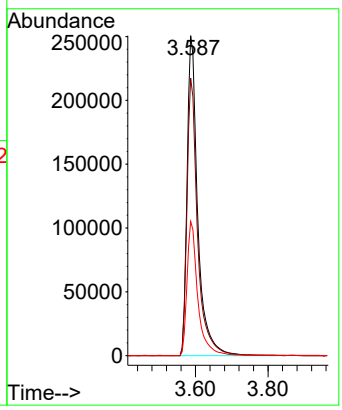




#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 51141

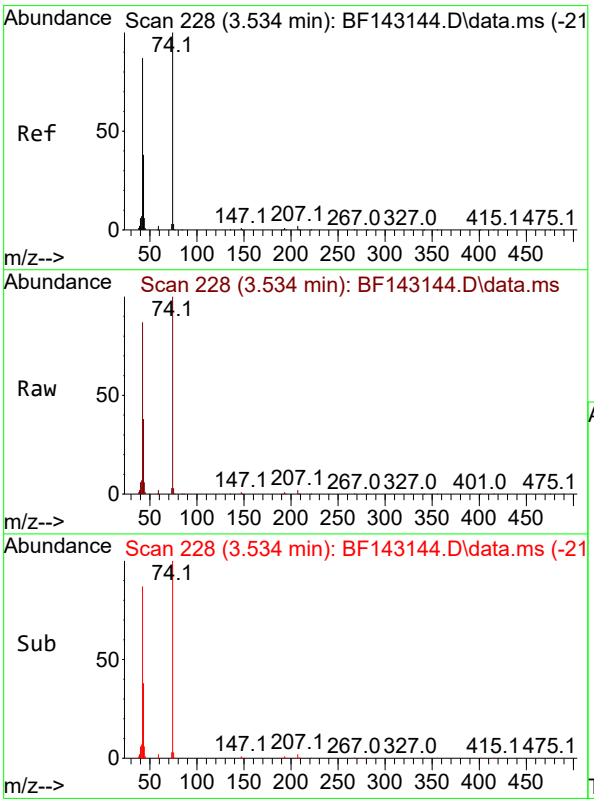
Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.4	104.2
51	41.9	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

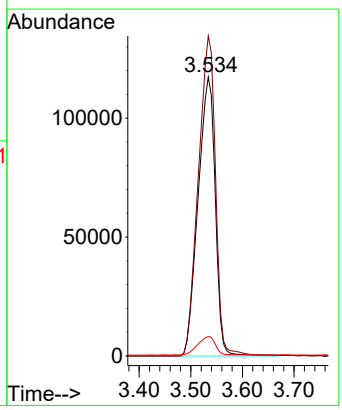
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

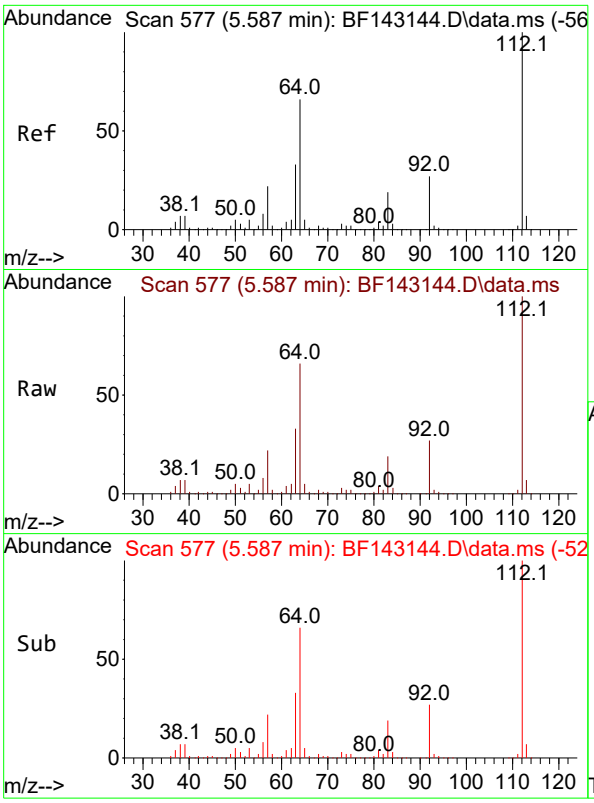


#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	7.0	5.6	8.4

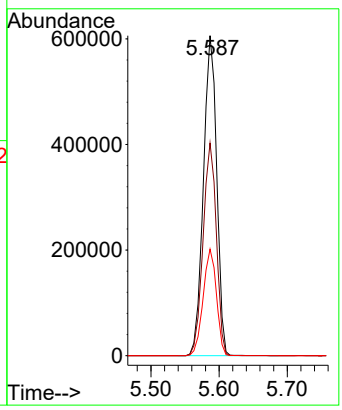




#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:112 Resp: 82306

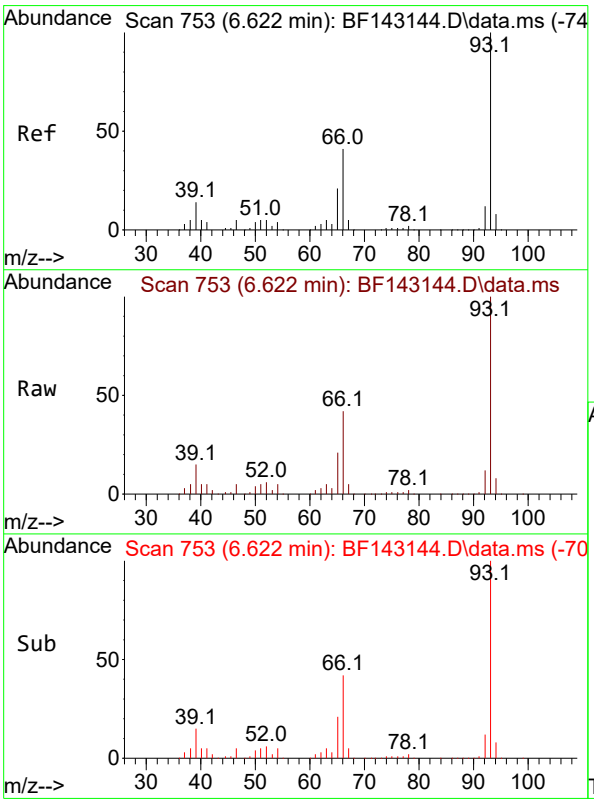
Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.3	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

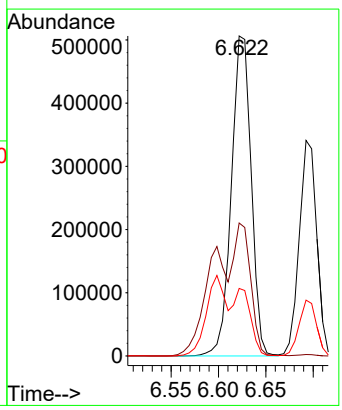
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

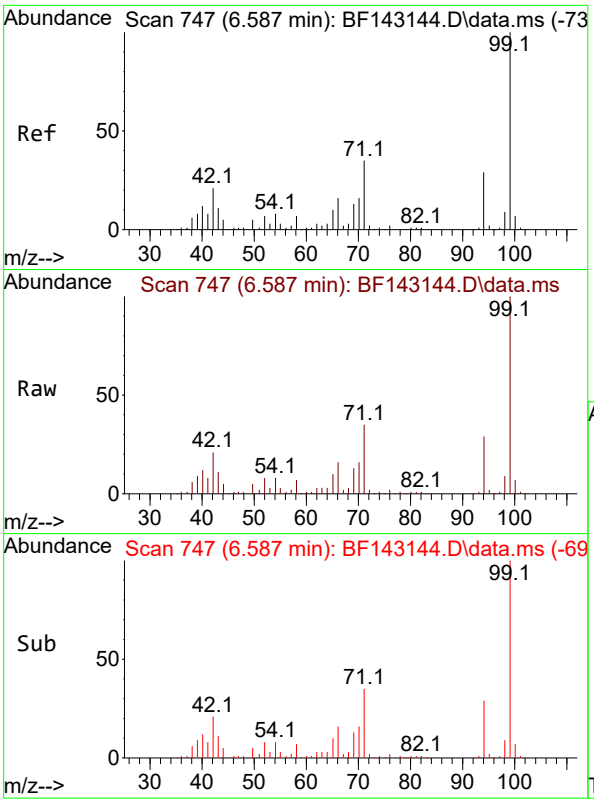


#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	21.1	16.9	25.3

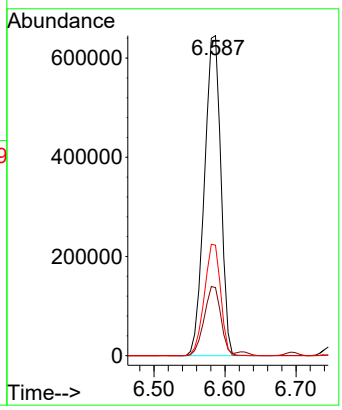




#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 99 Resp: 103882

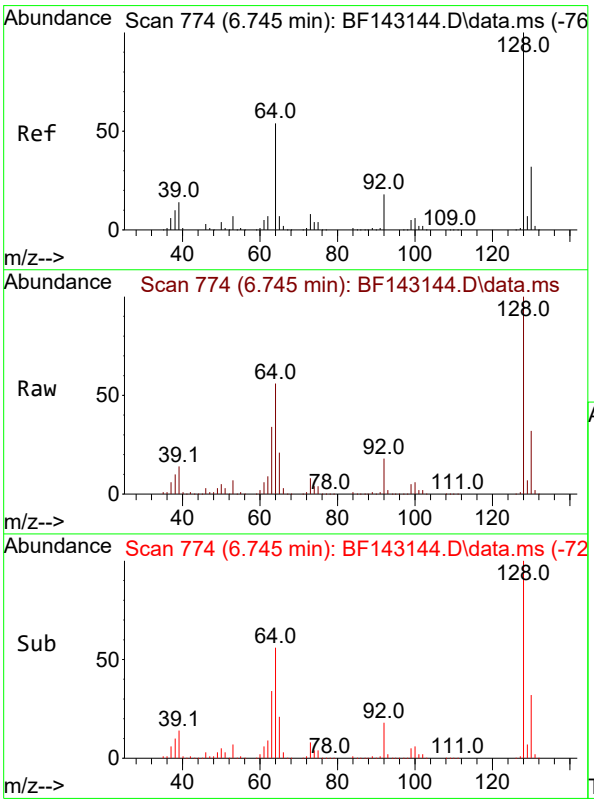
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.6	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

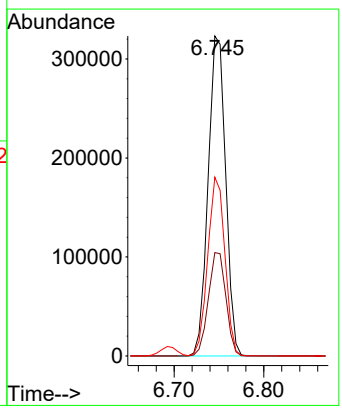
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

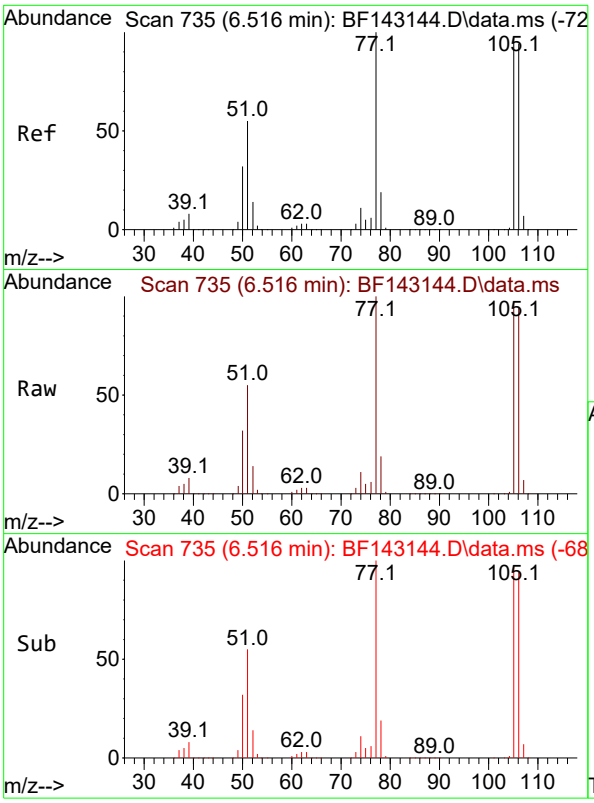


#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.9	35.9	75.9

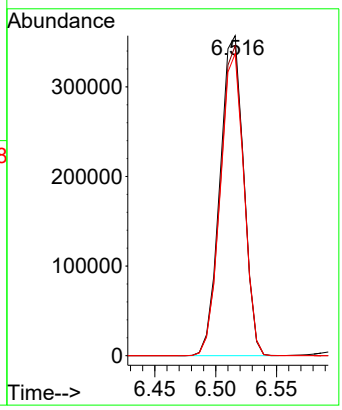




#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 48223

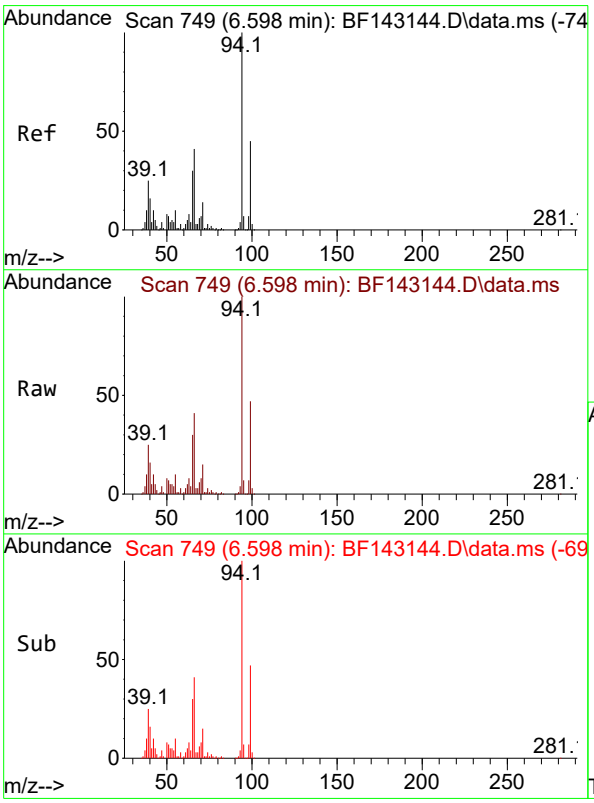
Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.4	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

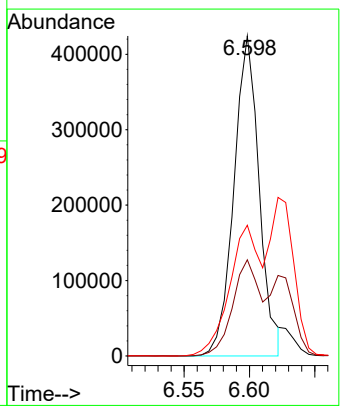
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

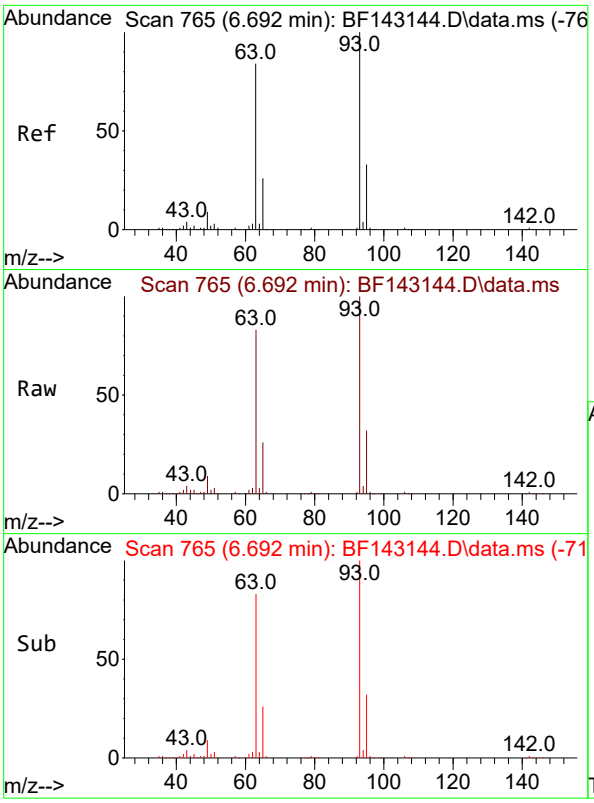


#10
Phenol
Concen: 39.487 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 571741

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.0	50.0
66	40.8	20.8	60.8

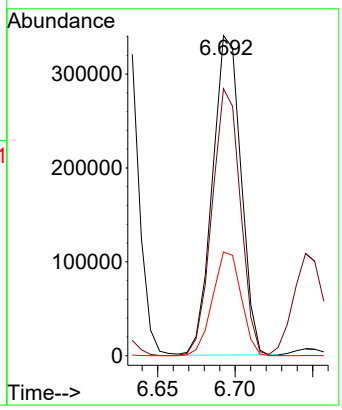




#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 43545

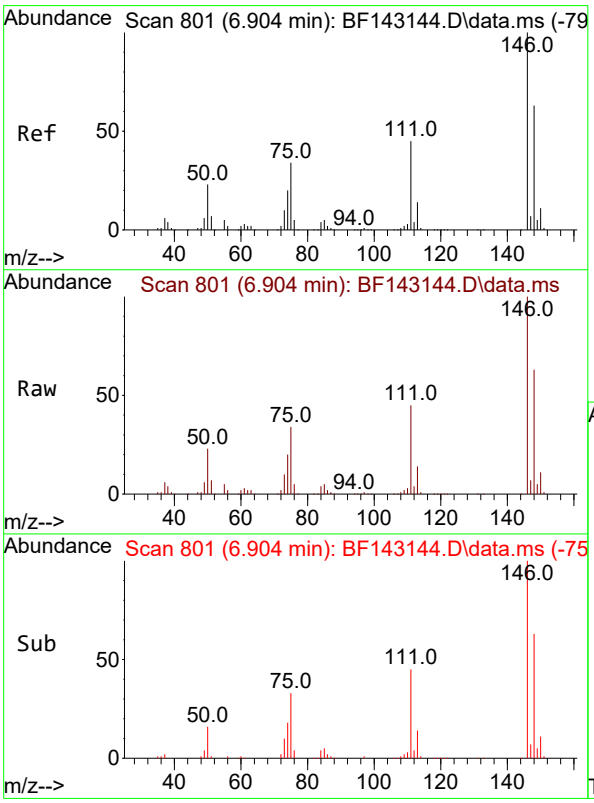
Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.4	103.4
95	32.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

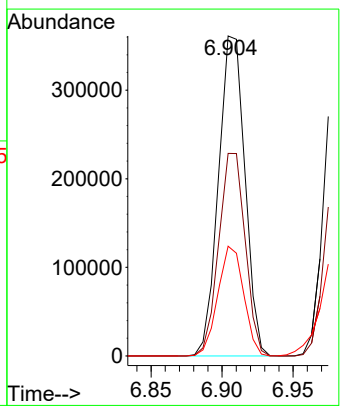
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

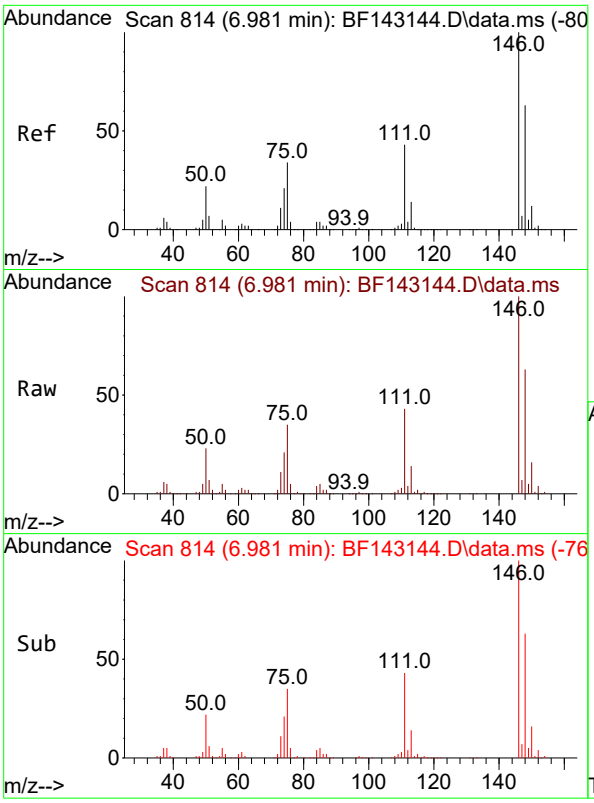


#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	34.3	27.4	41.2

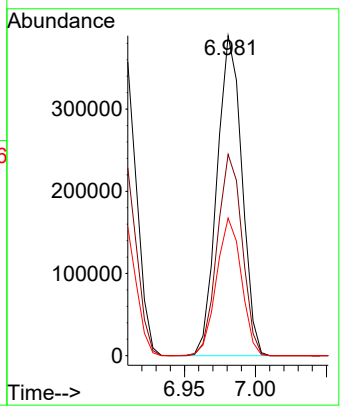




#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 47401

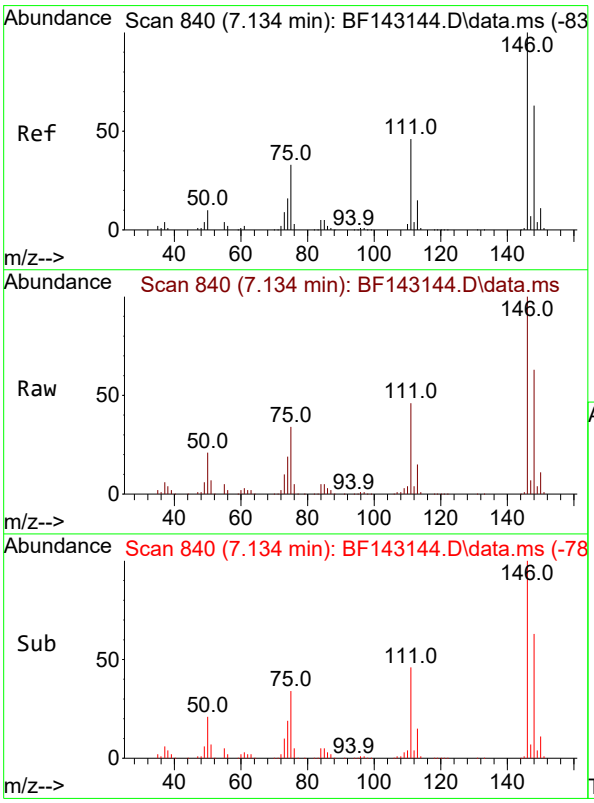
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

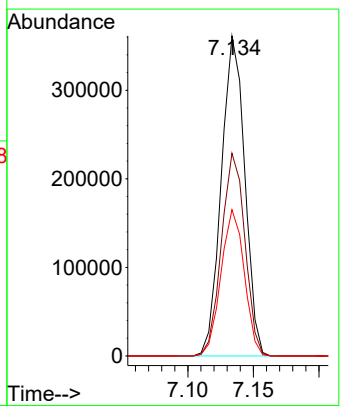
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

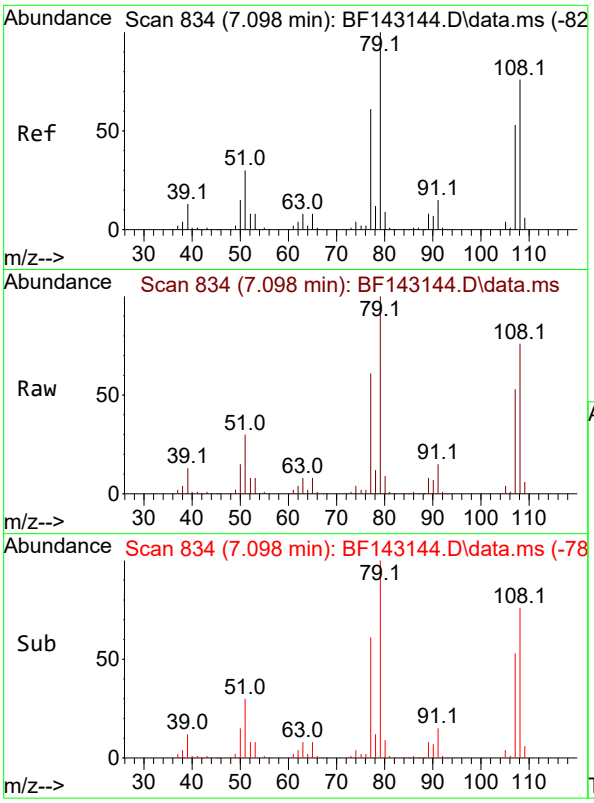


#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.7	36.6	54.8

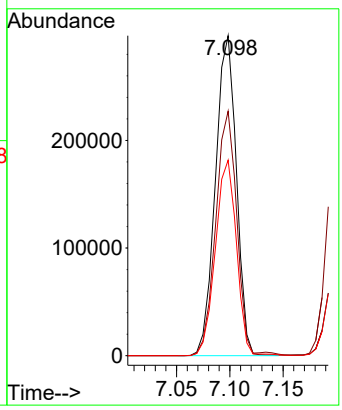




#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 40610

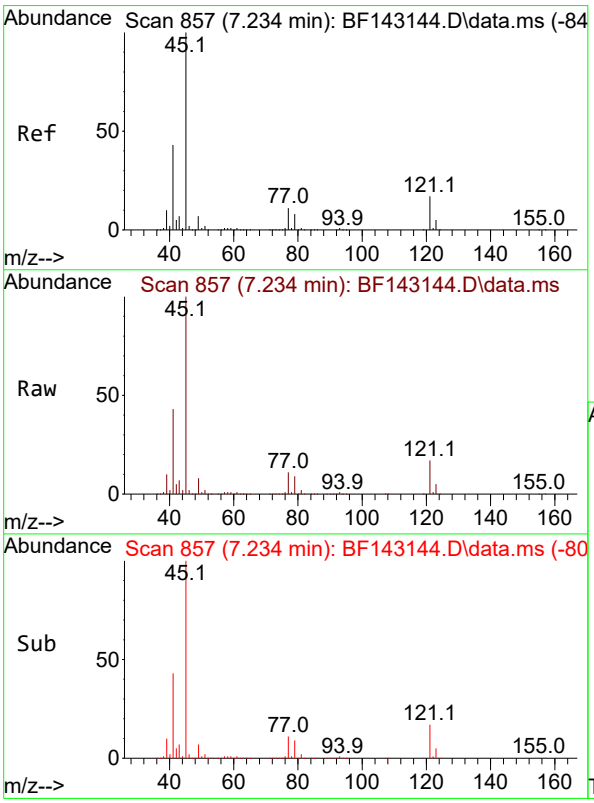
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	61.1	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

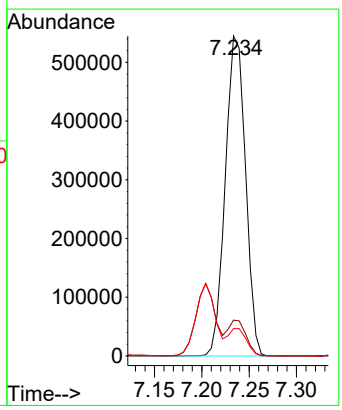
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

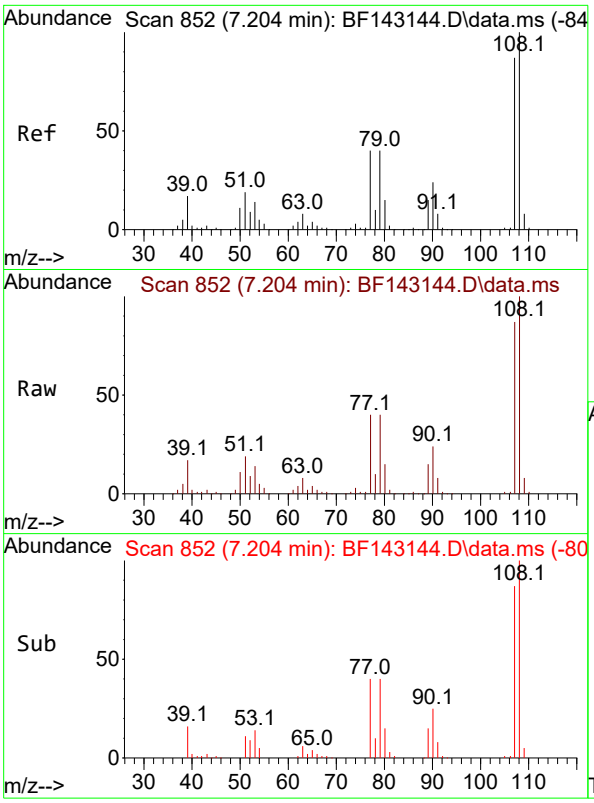


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5

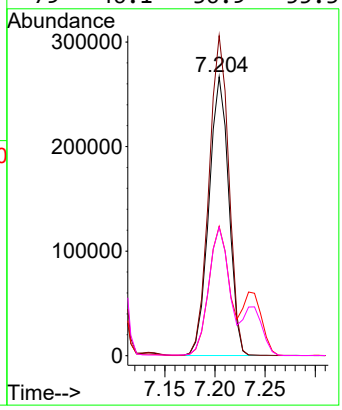




#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 36649

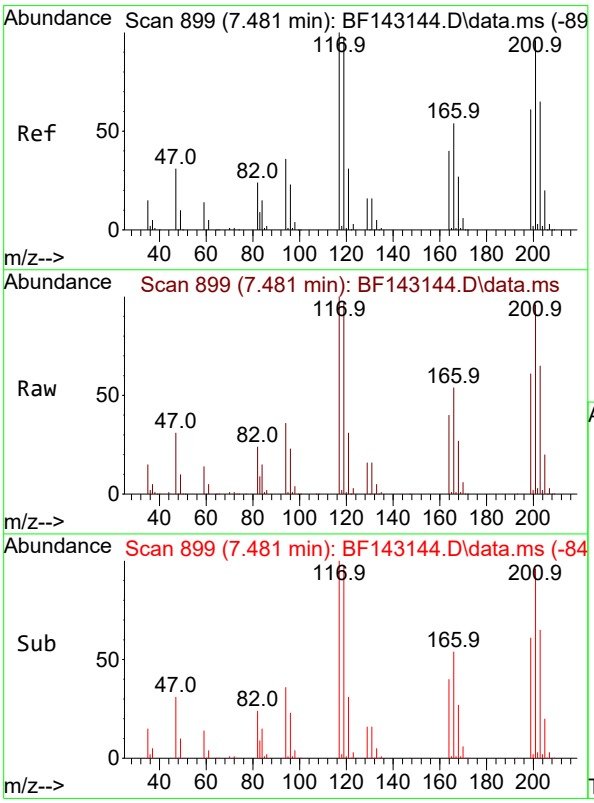
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	46.3	37.0	55.6
79	46.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

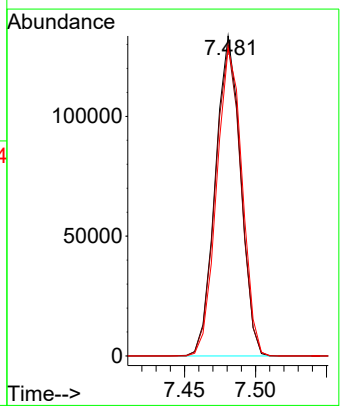
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

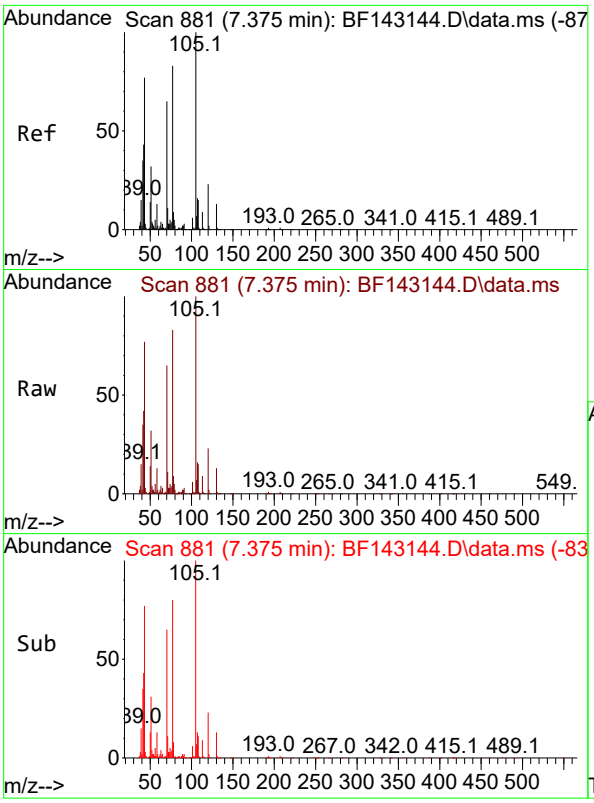


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	96.2	77.0	115.4

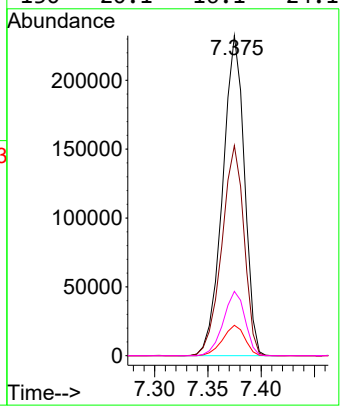




#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 70 Resp: 32961

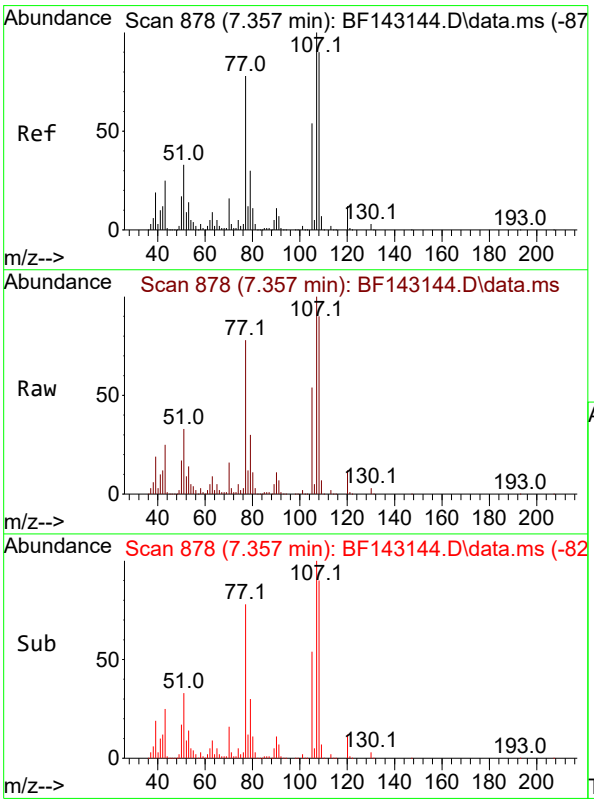
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

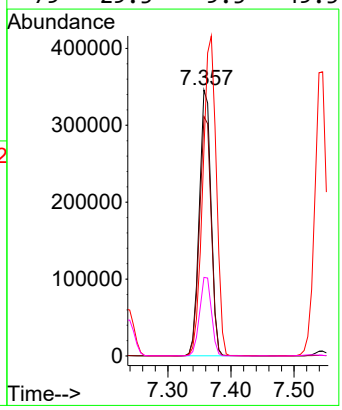
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

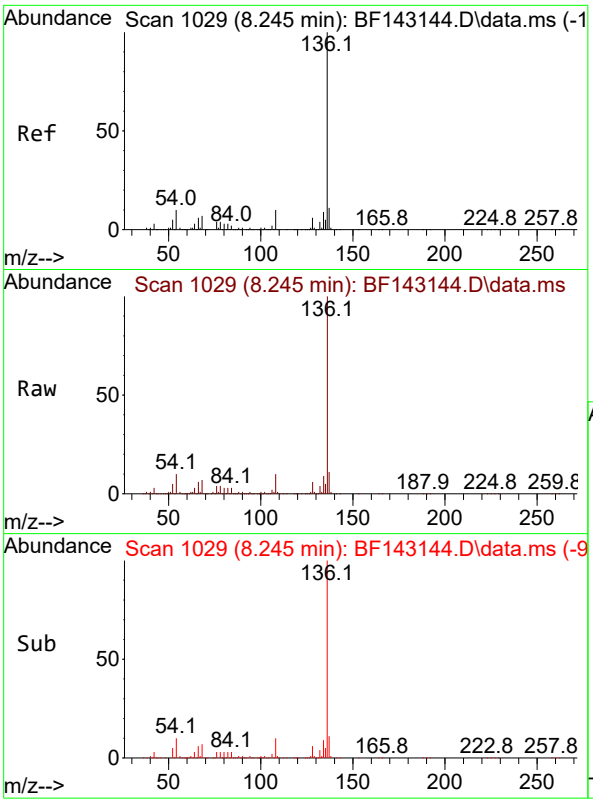


#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	77.8	57.8	97.8
79	29.5	9.5	49.5

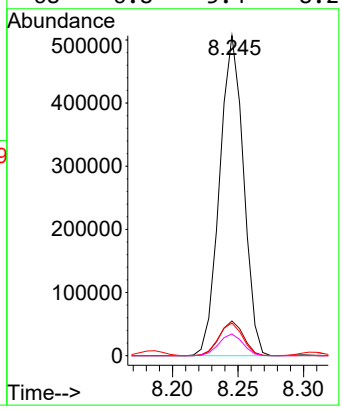




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:136 Resp: 64141

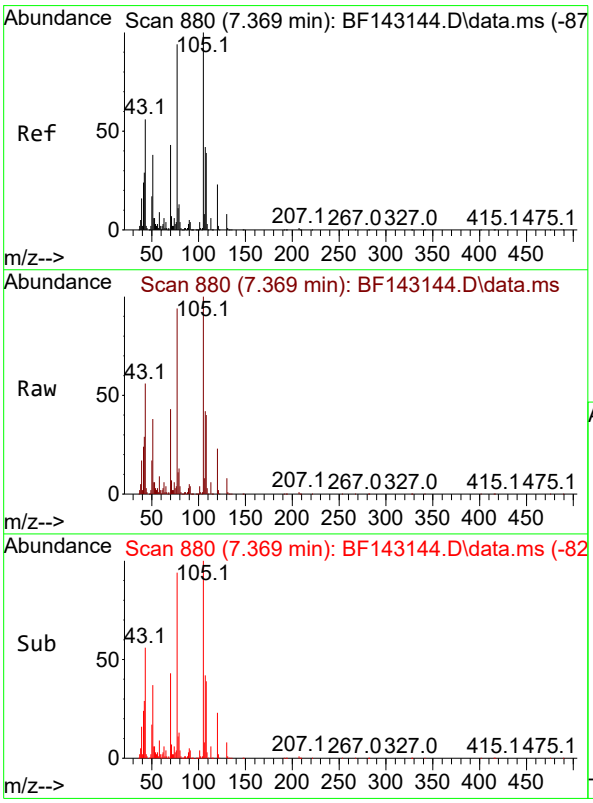
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

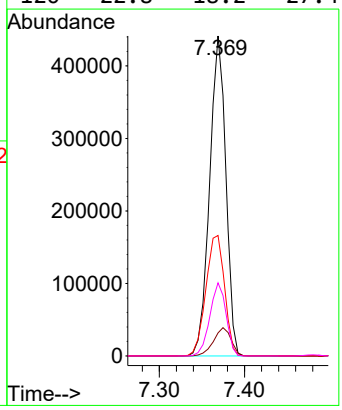
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

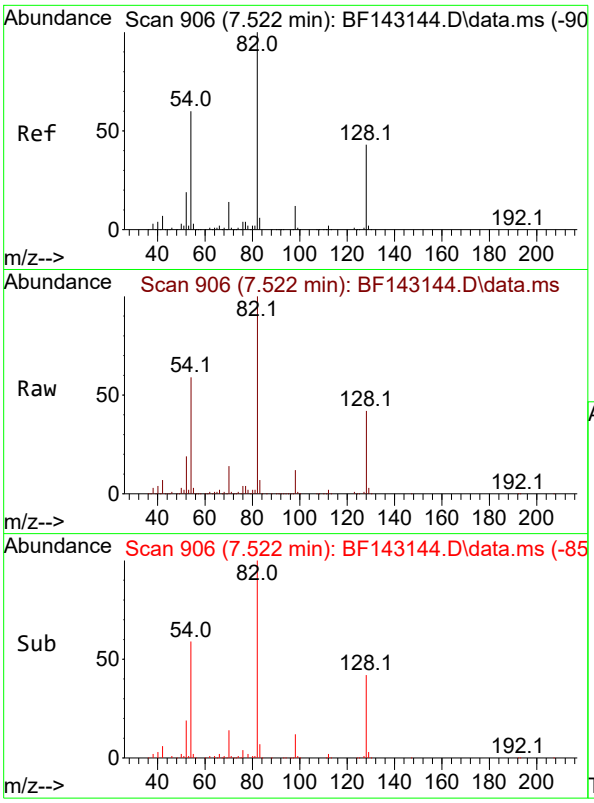


#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	37.7	30.2	45.2
120	22.8	18.2	27.4

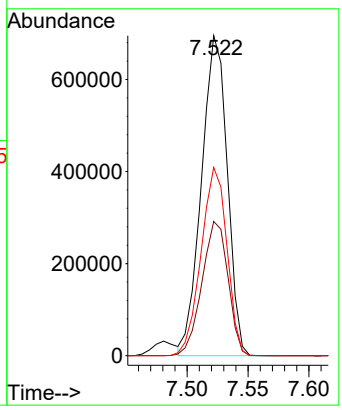




#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 102313

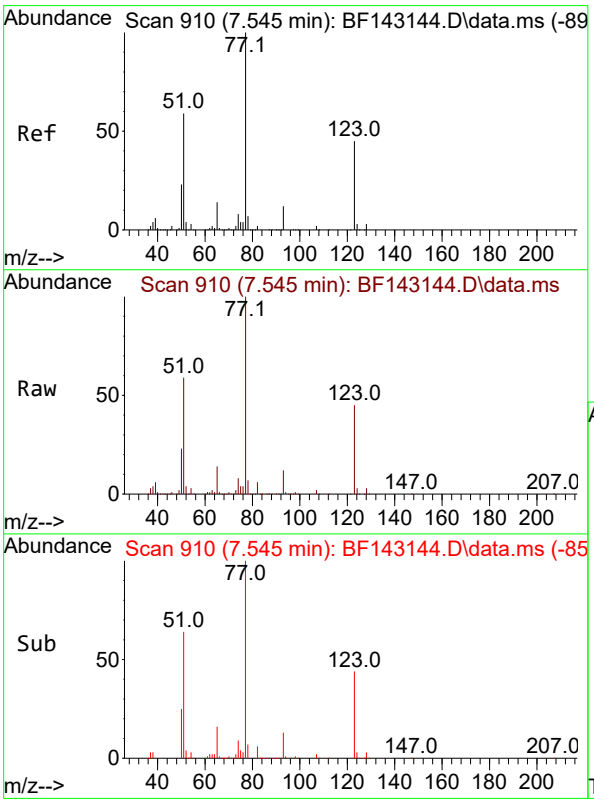
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	58.9	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

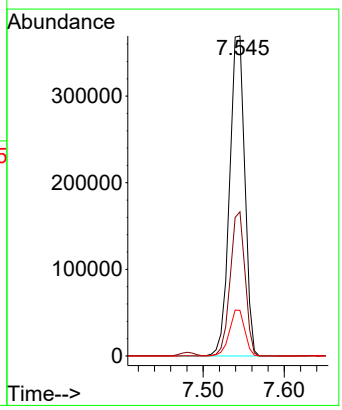
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

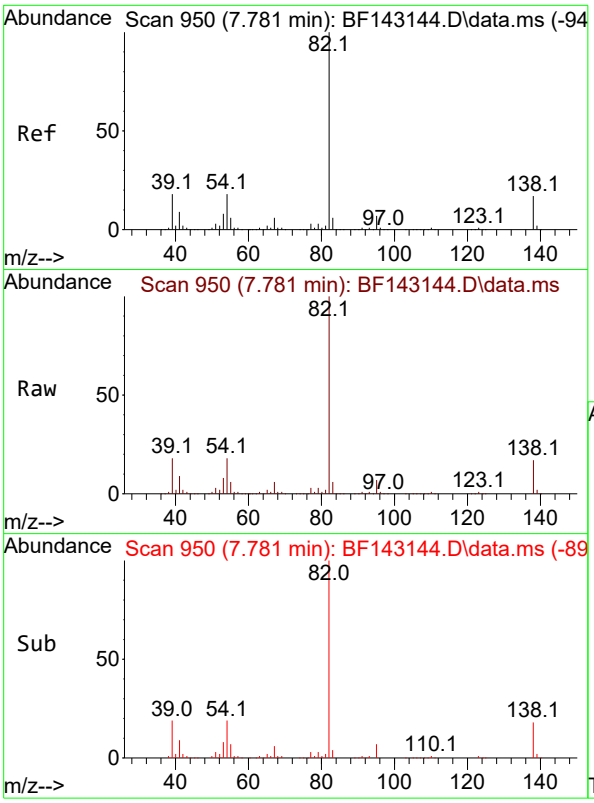


#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	14.3	11.4	17.2

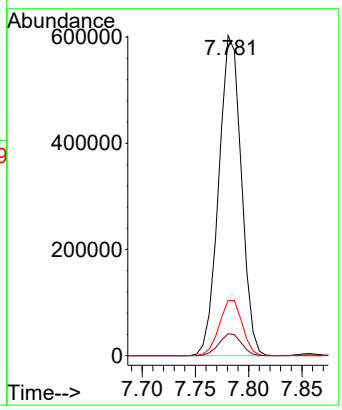




#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 88801

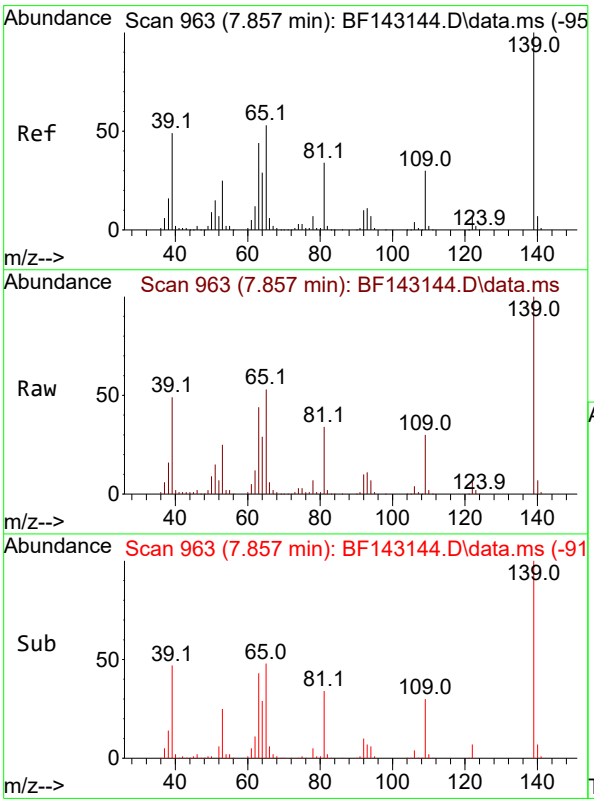
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

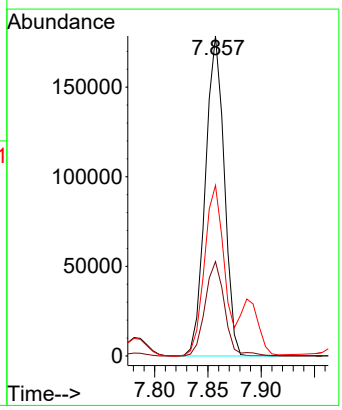
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

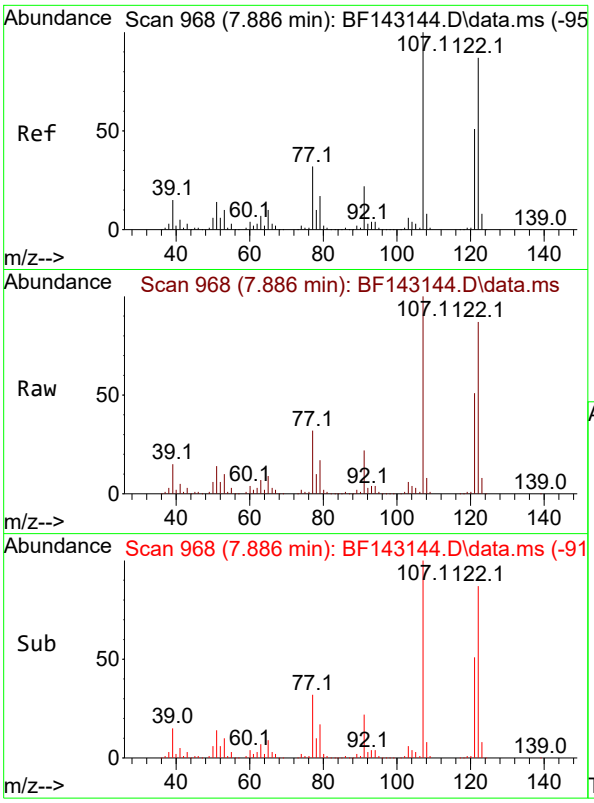


#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0

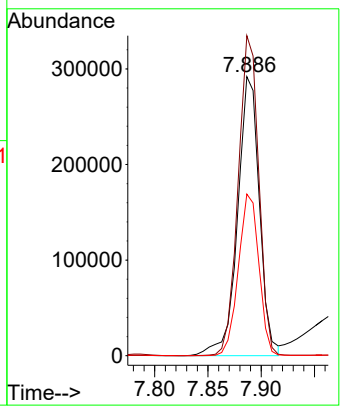




#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 41612

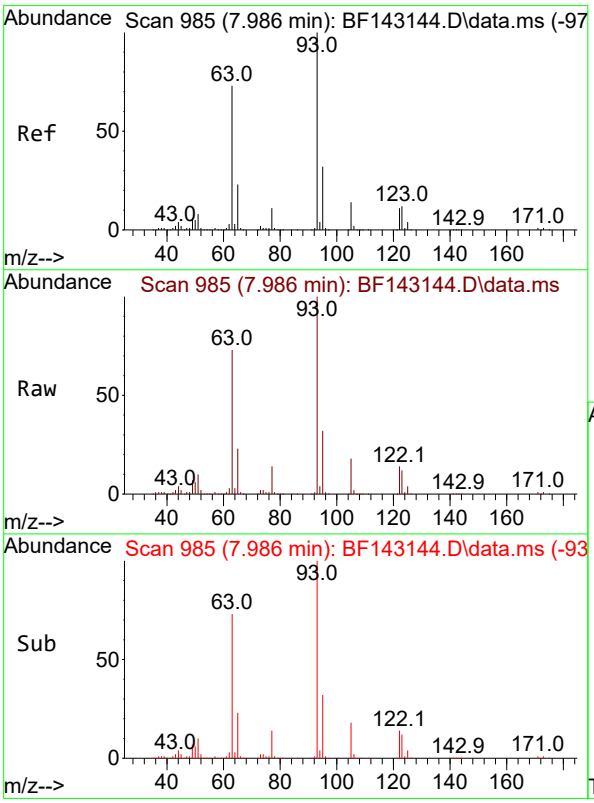
Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

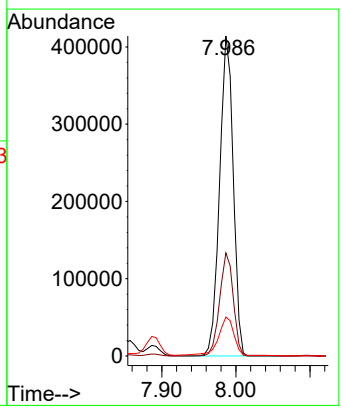
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

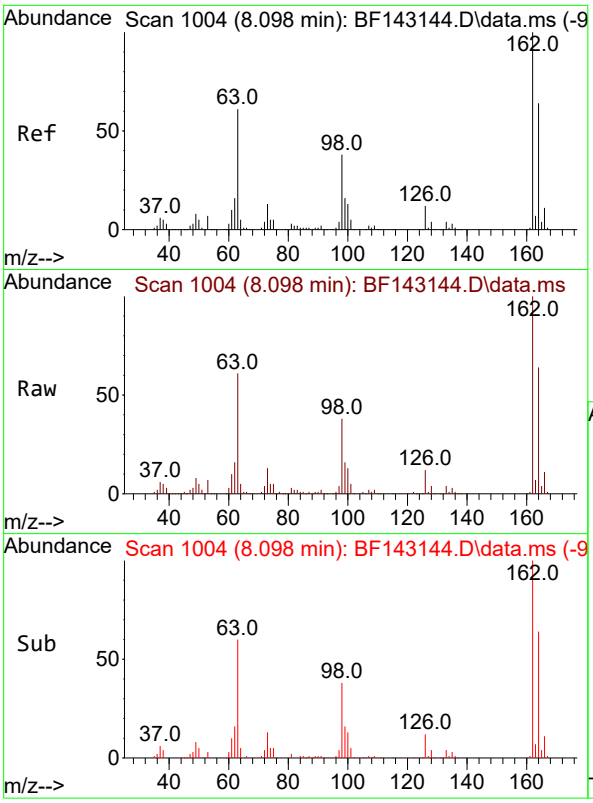


#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

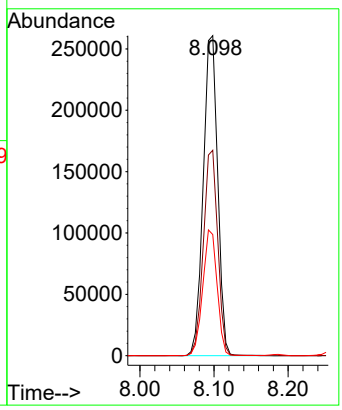
Tgt Ion:162 Resp: 35386

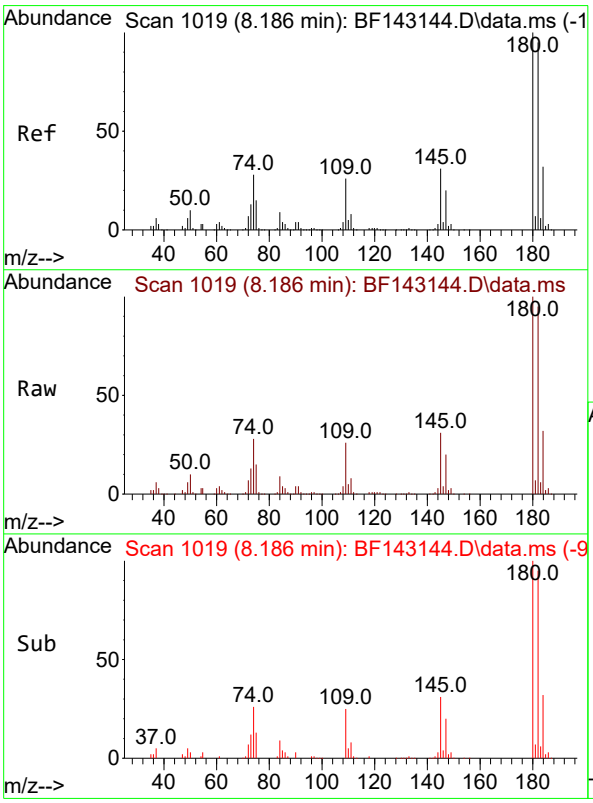
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	37.9	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

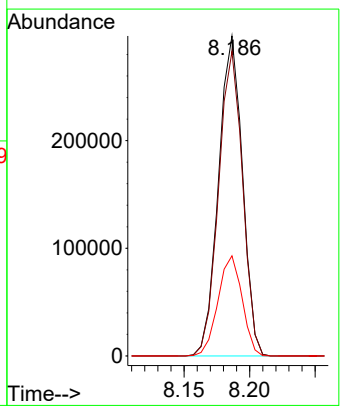


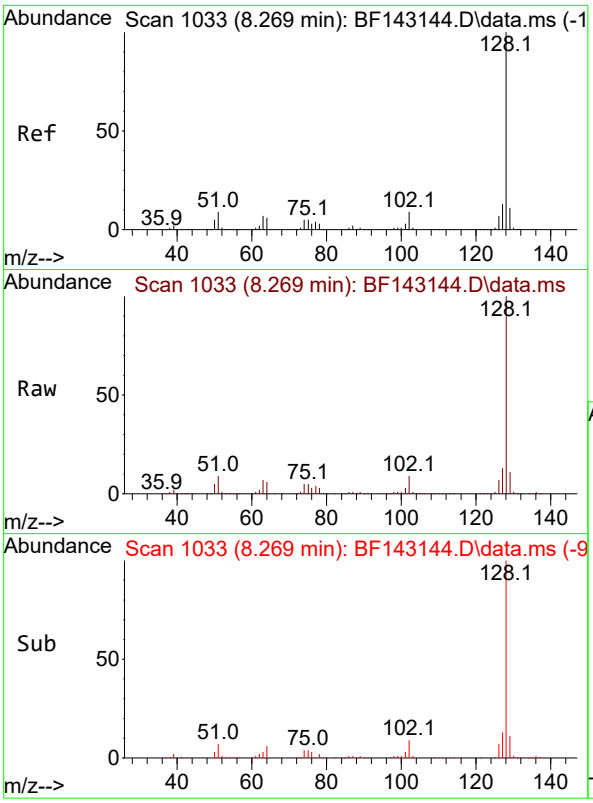


#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.3	25.0	37.6

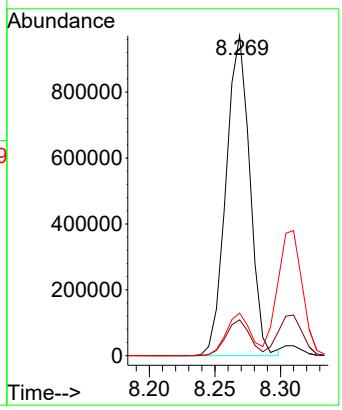




#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 122403

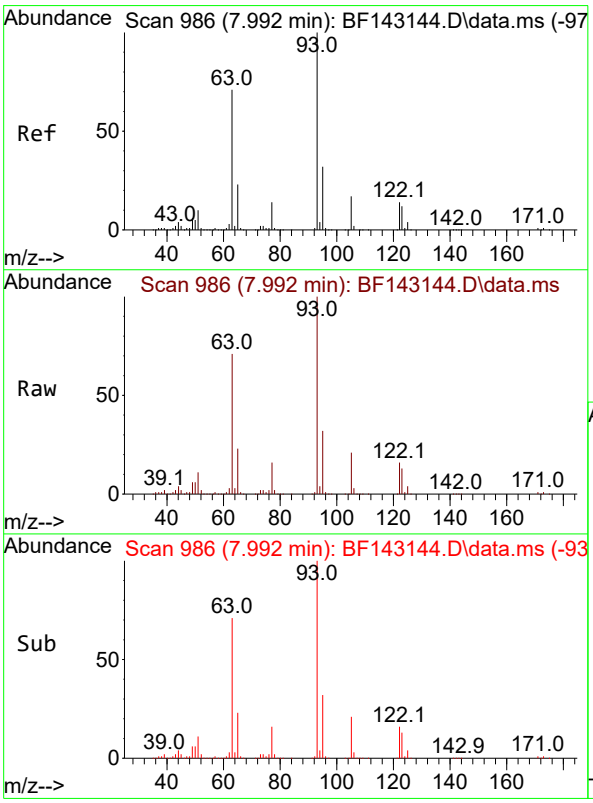
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

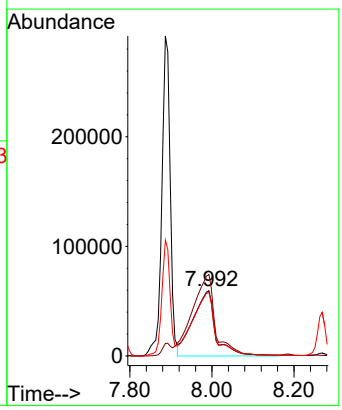
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

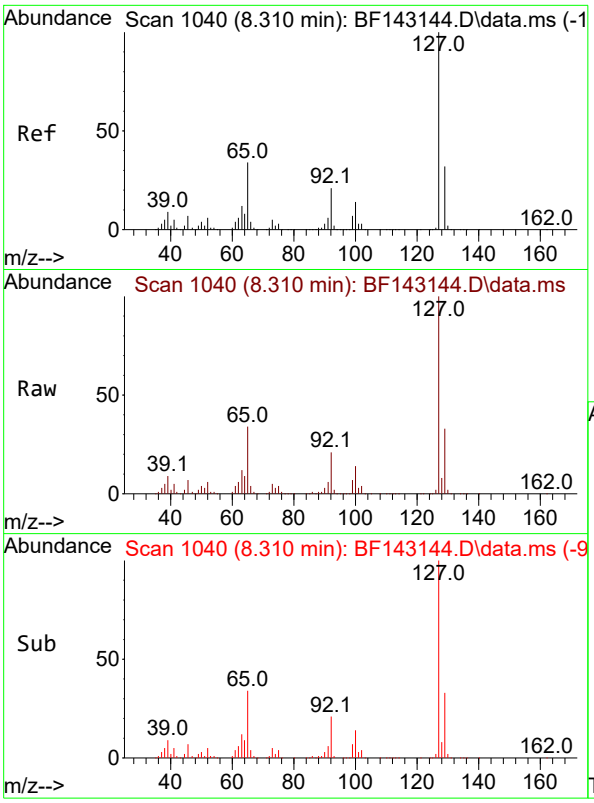


#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 230958

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	97.6	77.6	117.6

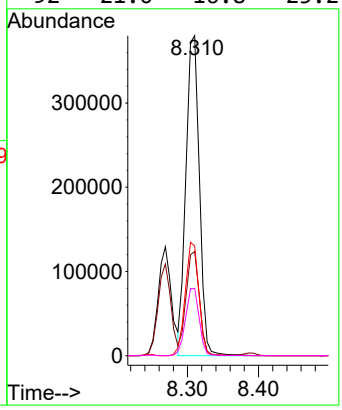




#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:127 Resp: 50040

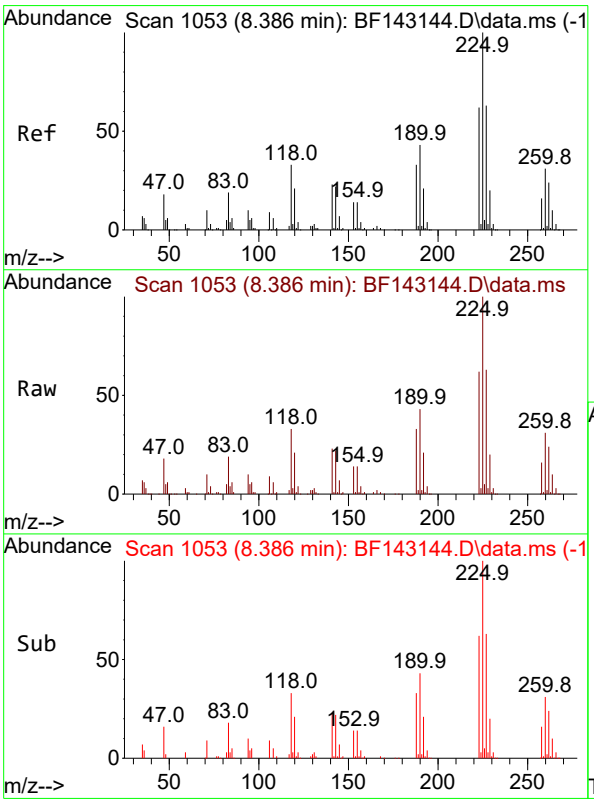
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.3	27.4	41.2
92	21.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

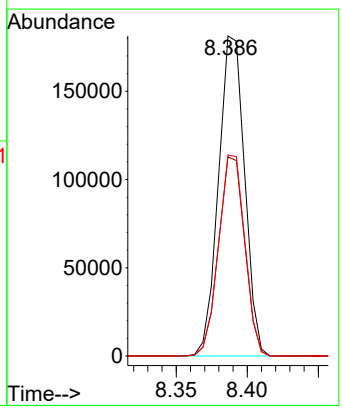
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

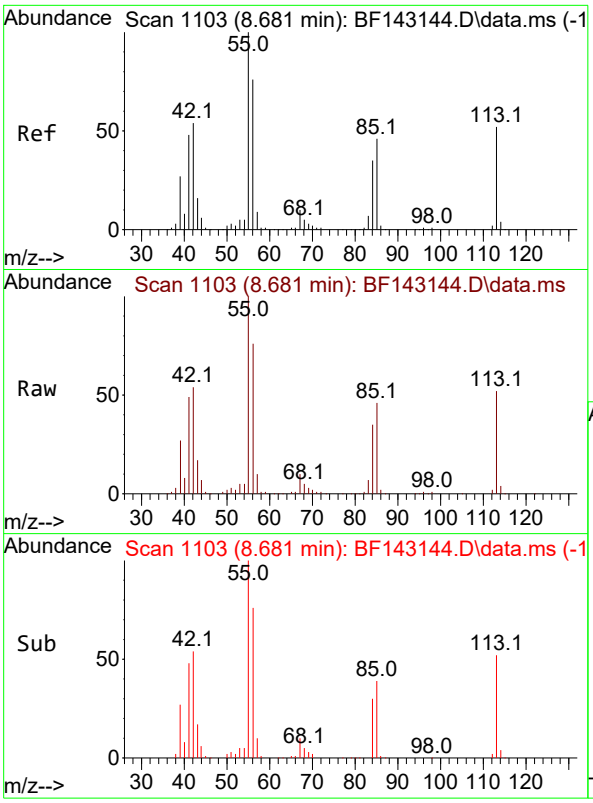


#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	62.8	50.2	75.4





#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

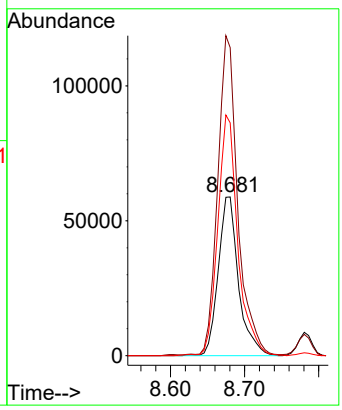
Tgt Ion:113 Resp: 11173

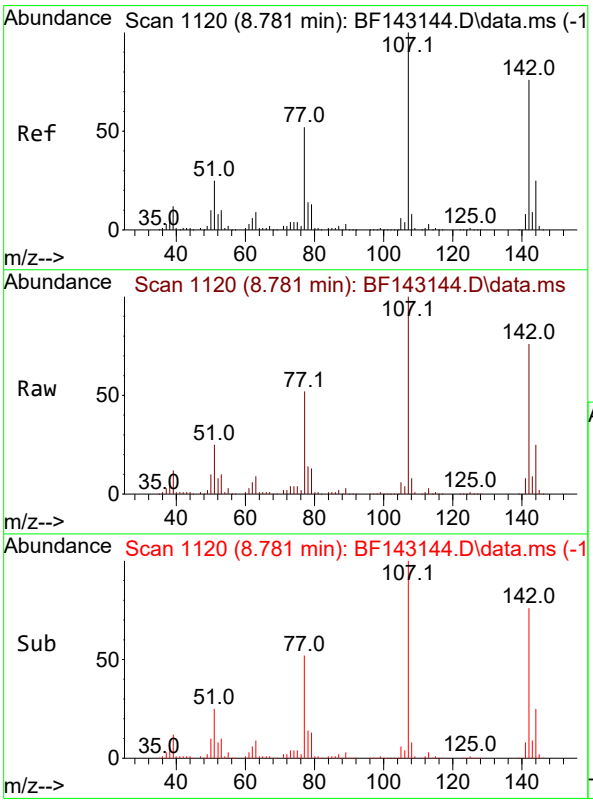
Ion	Ratio	Lower	Upper
113	100		
55	194.0	174.0	214.0
56	146.6	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

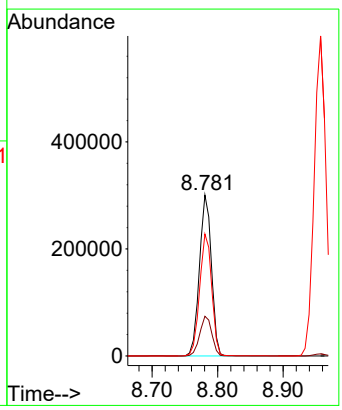


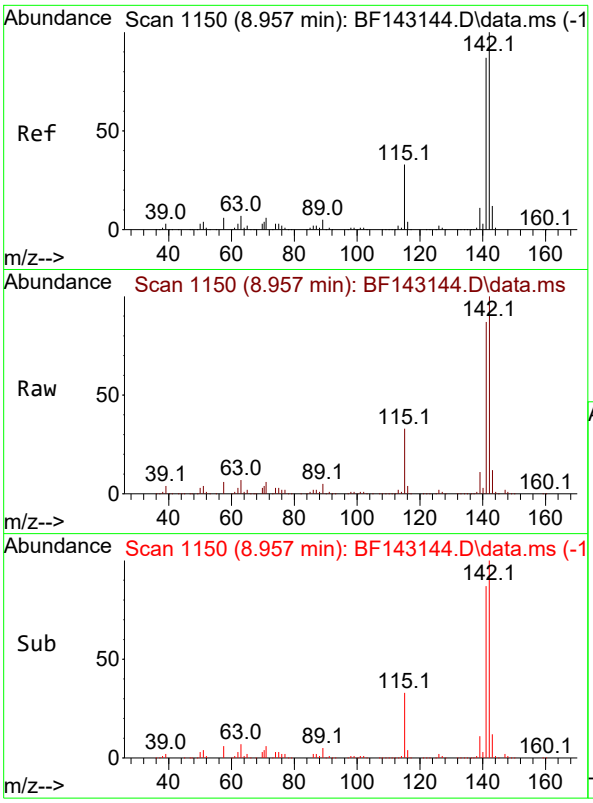


#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.7	60.6	90.8





#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

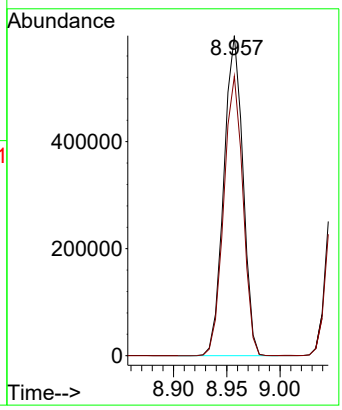
Tgt Ion:142 Resp: 74429

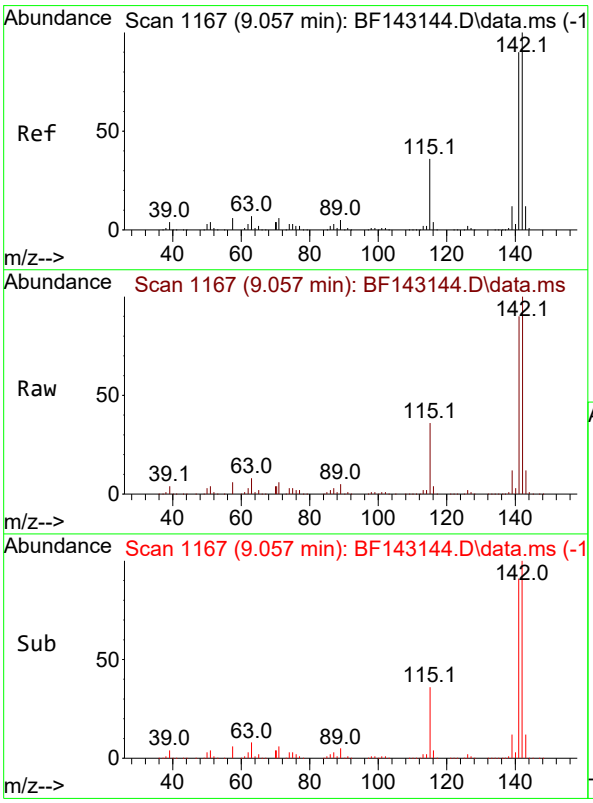
Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

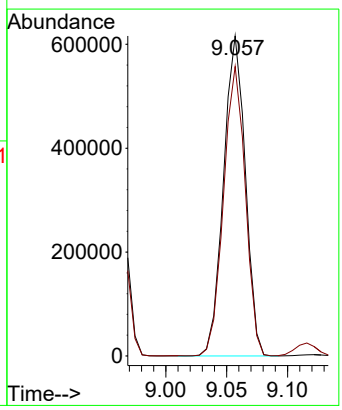


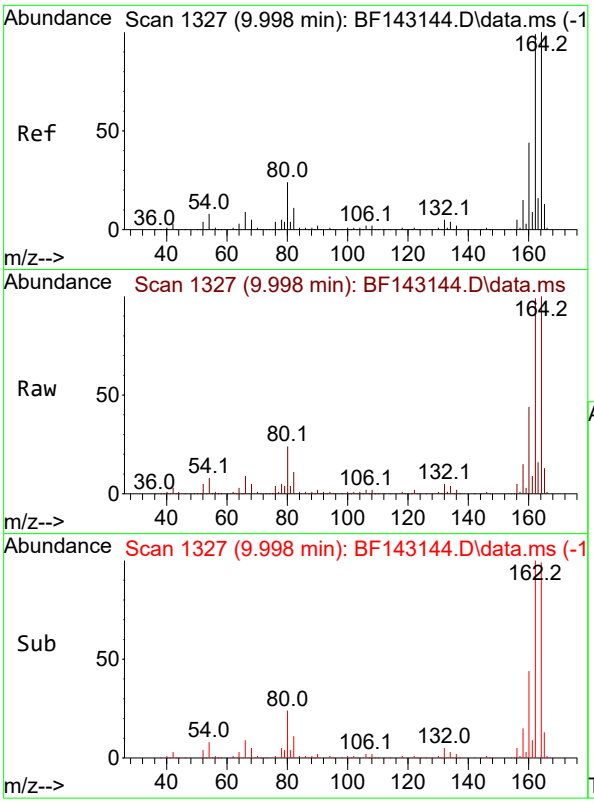


#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

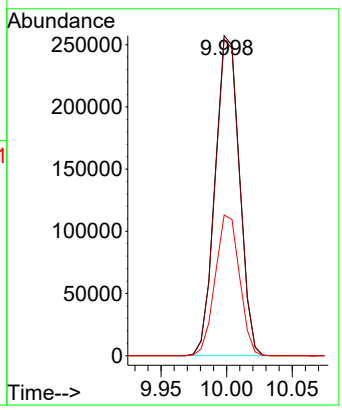




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:164 Resp: 33188

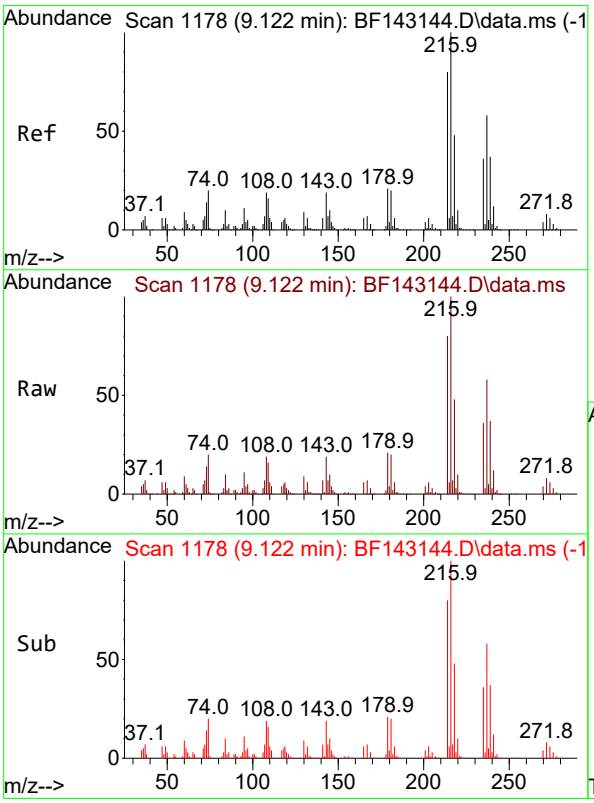
Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

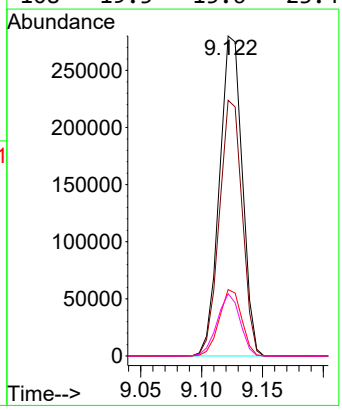
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

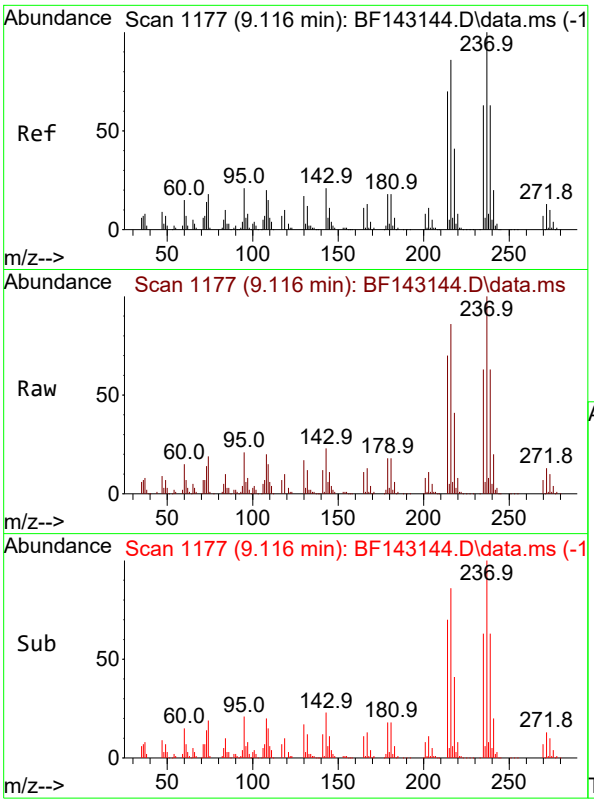


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.4	24.6
108	19.5	15.6	23.4

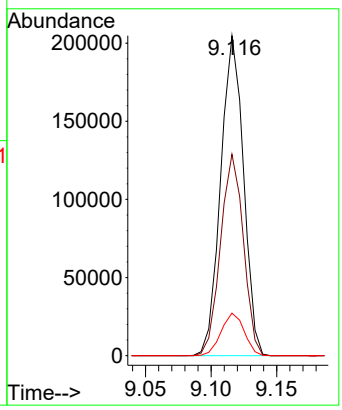




#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:237 Resp: 24748

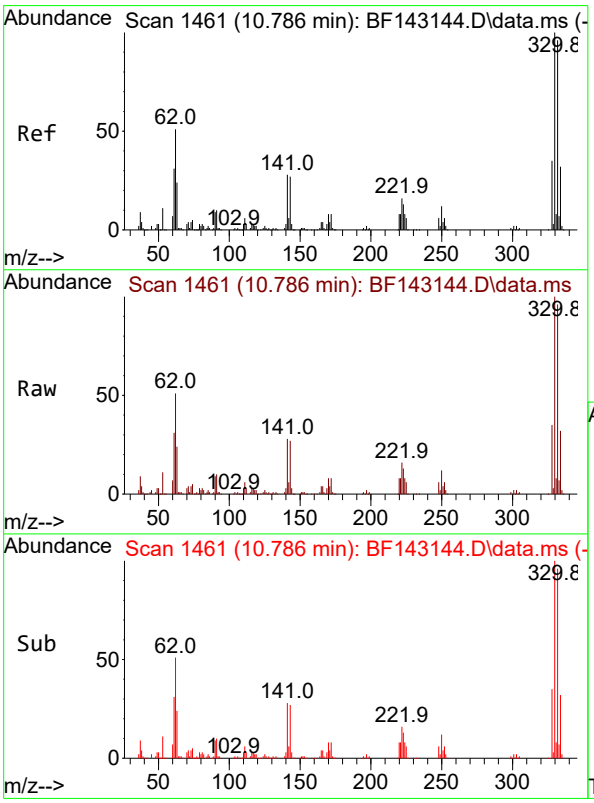
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.3	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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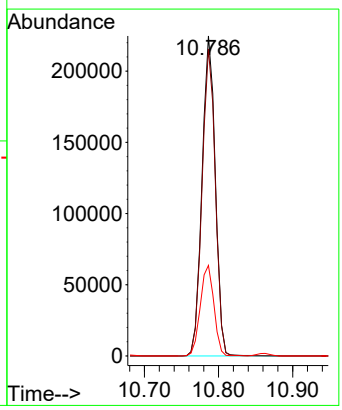
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

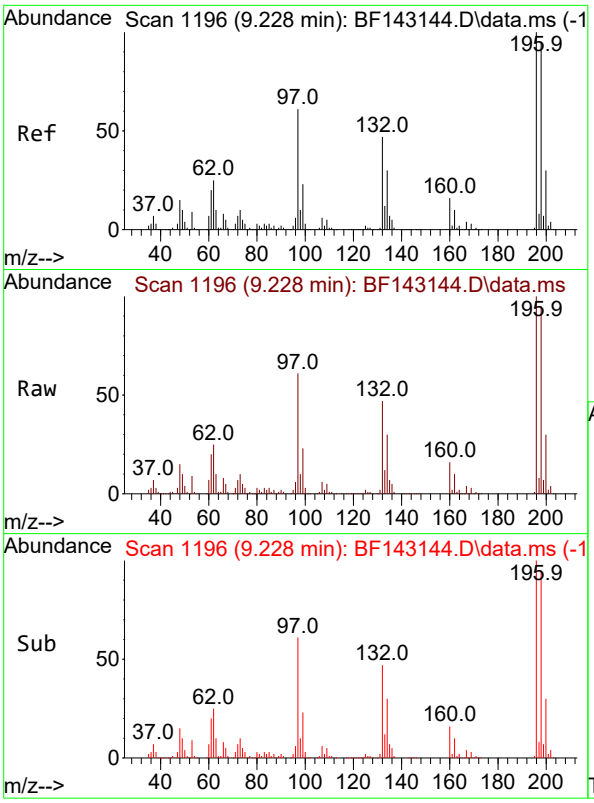


#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.1	23.3	34.9

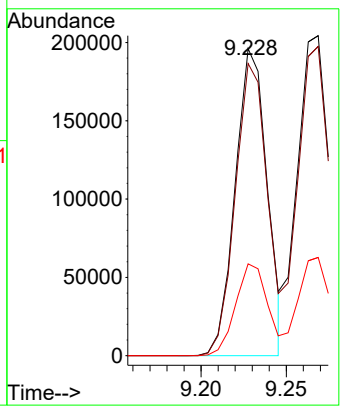




#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 25511

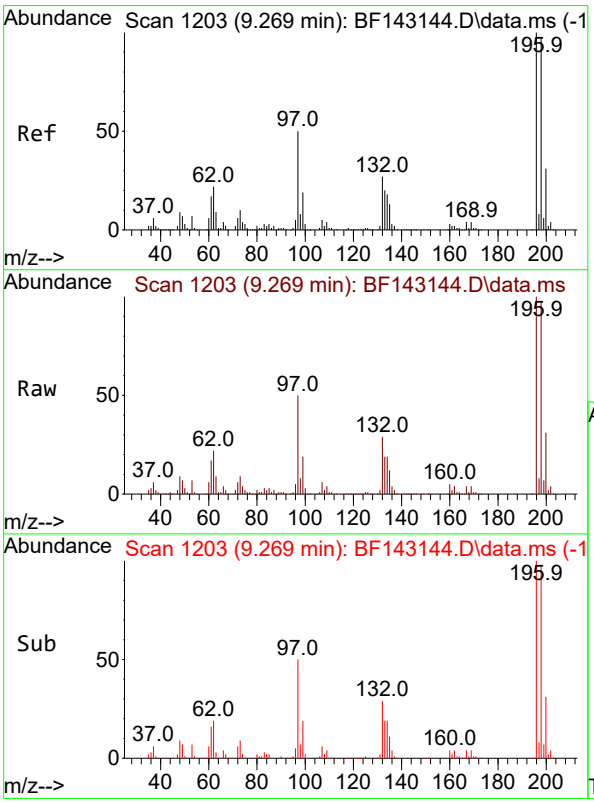
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

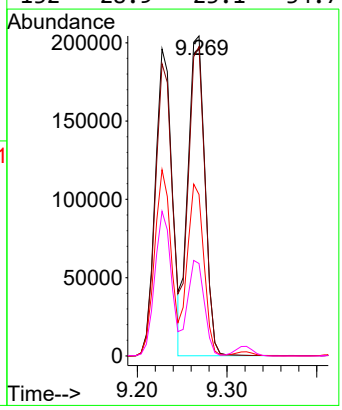
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

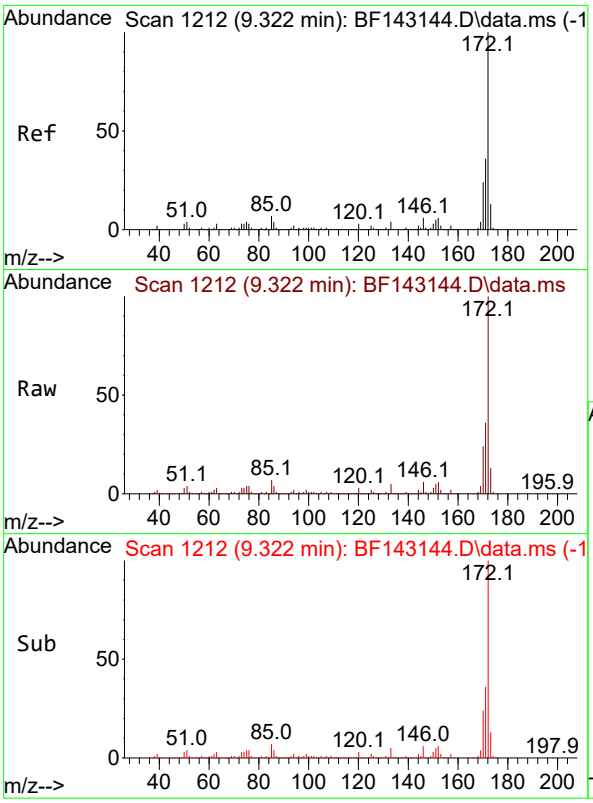


#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.4	40.3	60.5
132	28.9	23.1	34.7

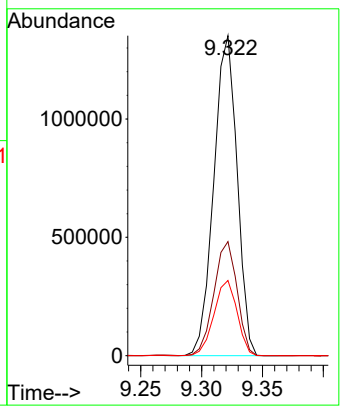




#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:172 Resp: 180239

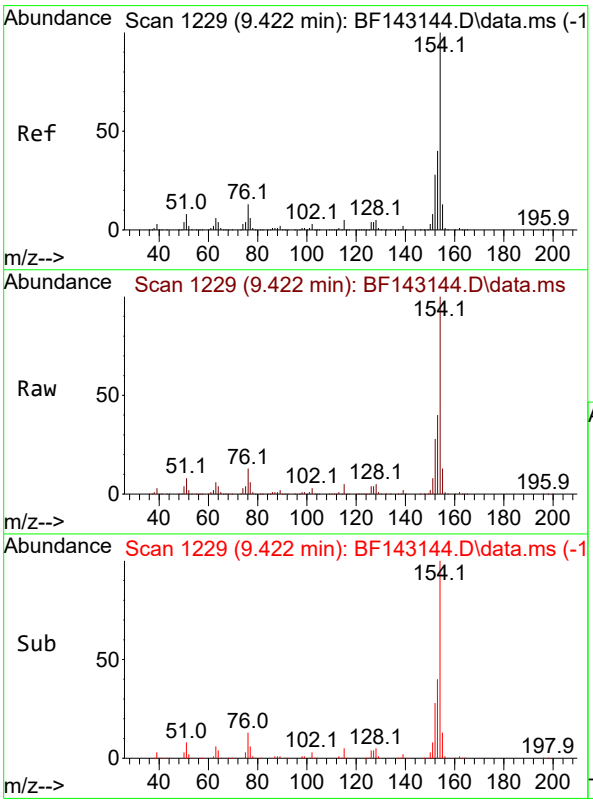
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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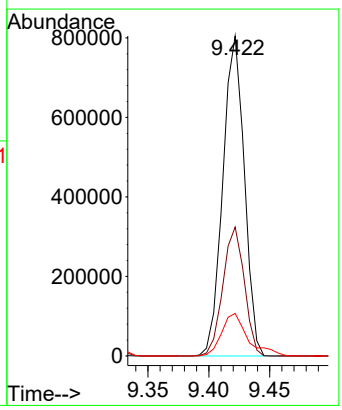
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

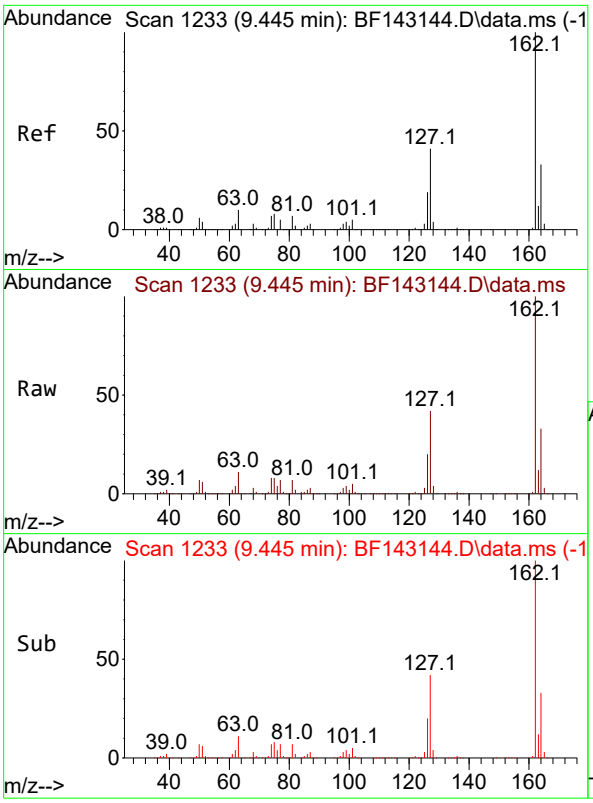


#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.3	0.0	33.3

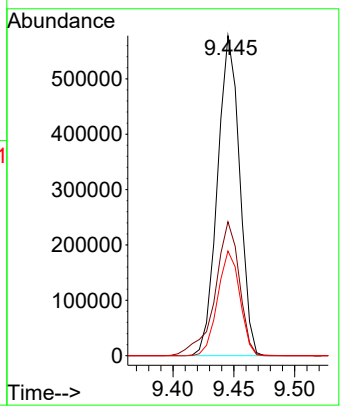




#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 731879

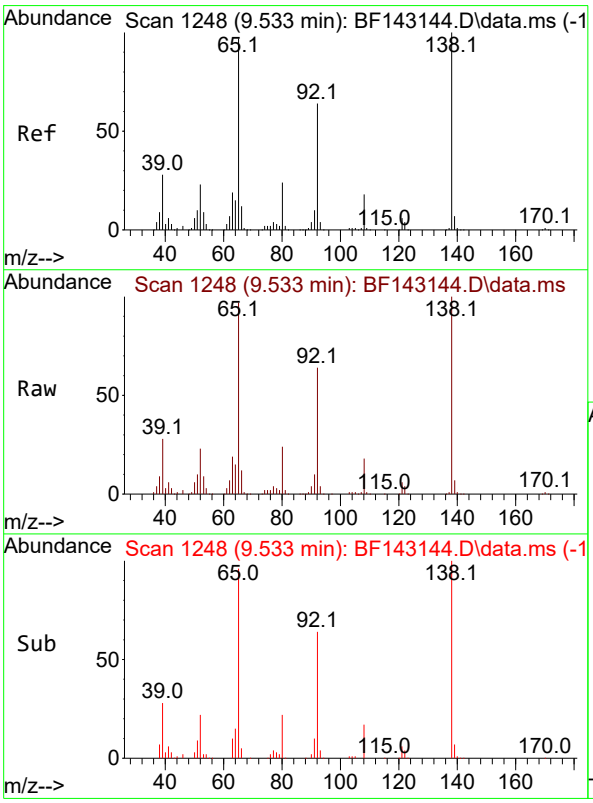
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

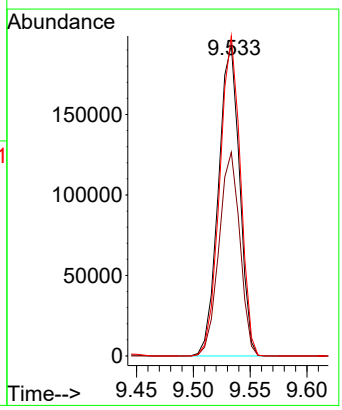
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

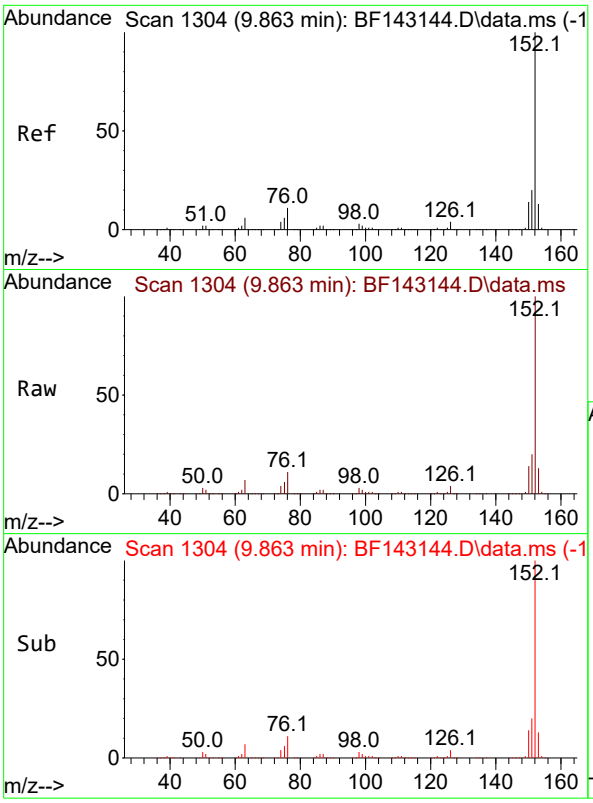


#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	102.9	82.3	123.5

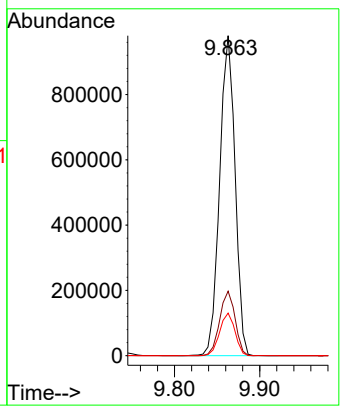




#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 123478

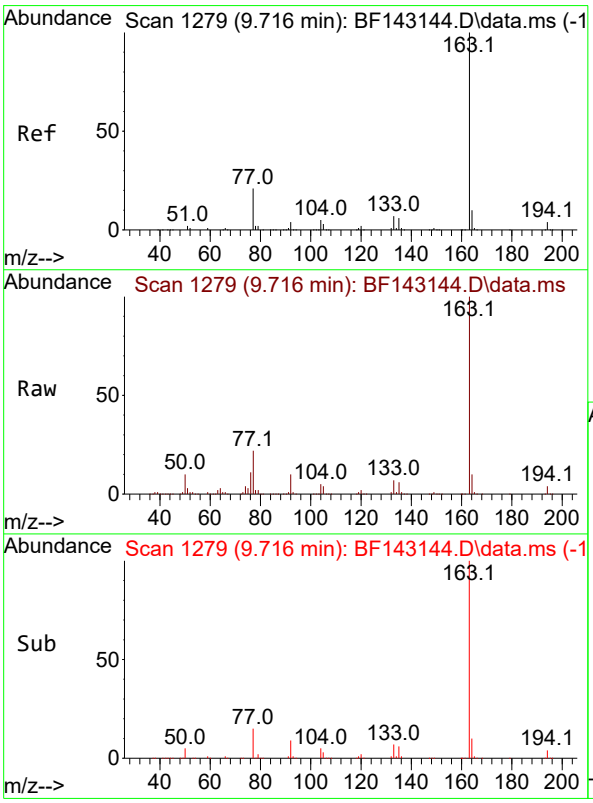
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

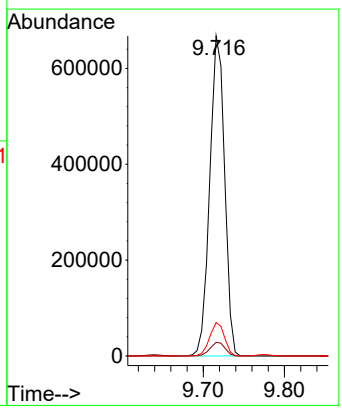
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

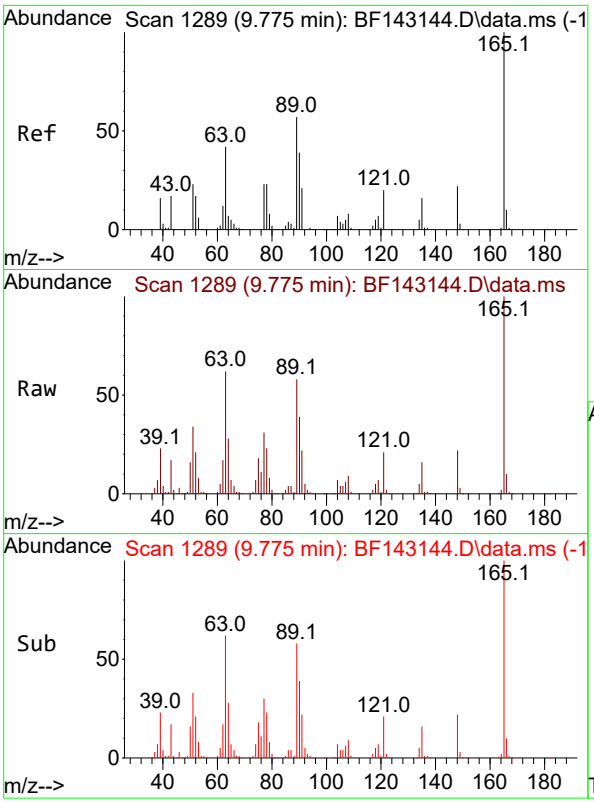


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

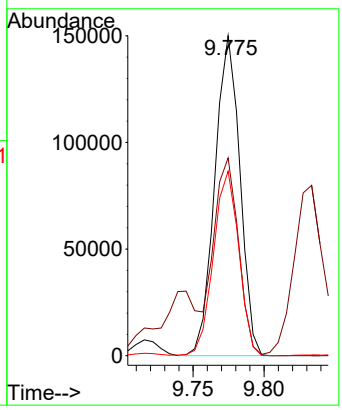
Tgt Ion:165 Resp: 18424

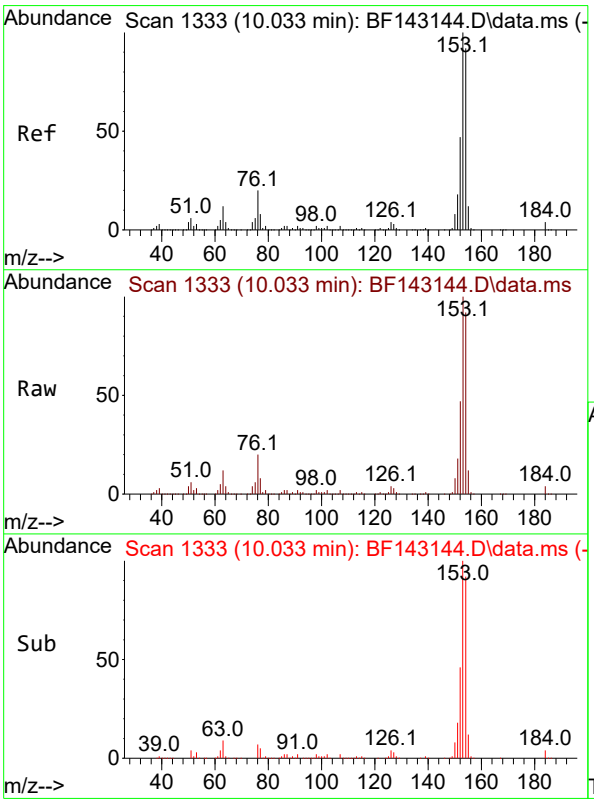
Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.4	74.2
89	57.7	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

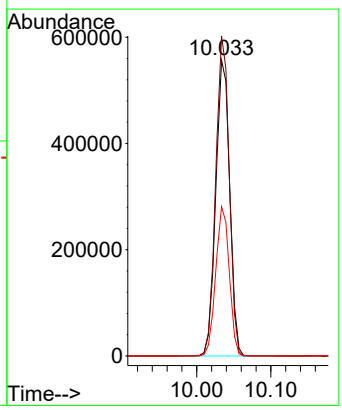


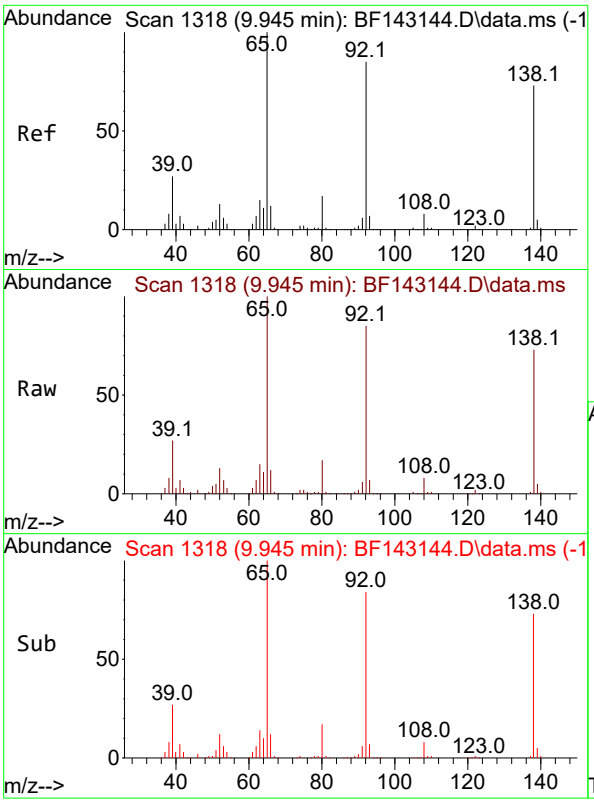


#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	50.5	40.4	60.6





#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

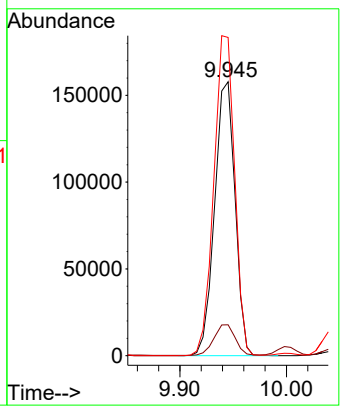
Tgt Ion:138 Resp: 21017

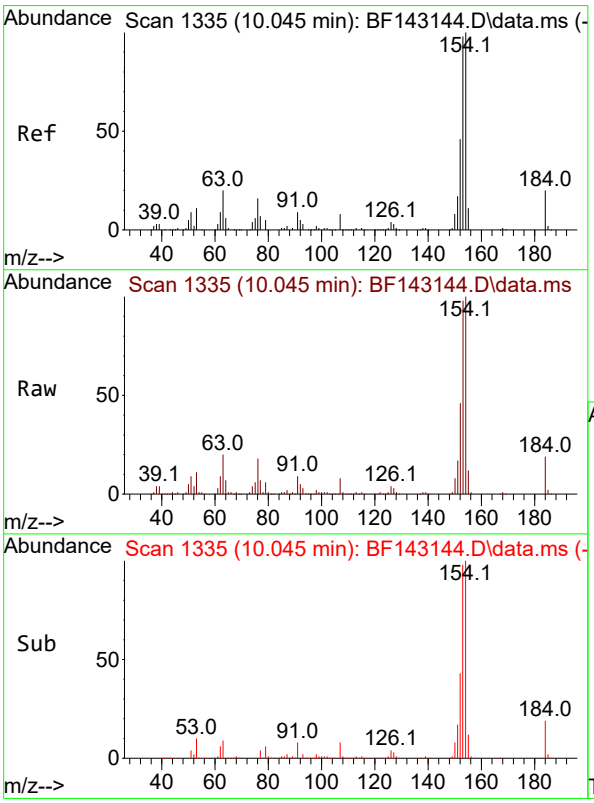
Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.6
92	116.2	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

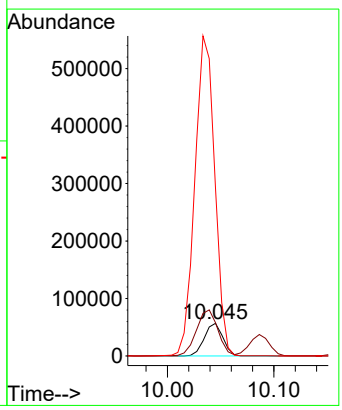


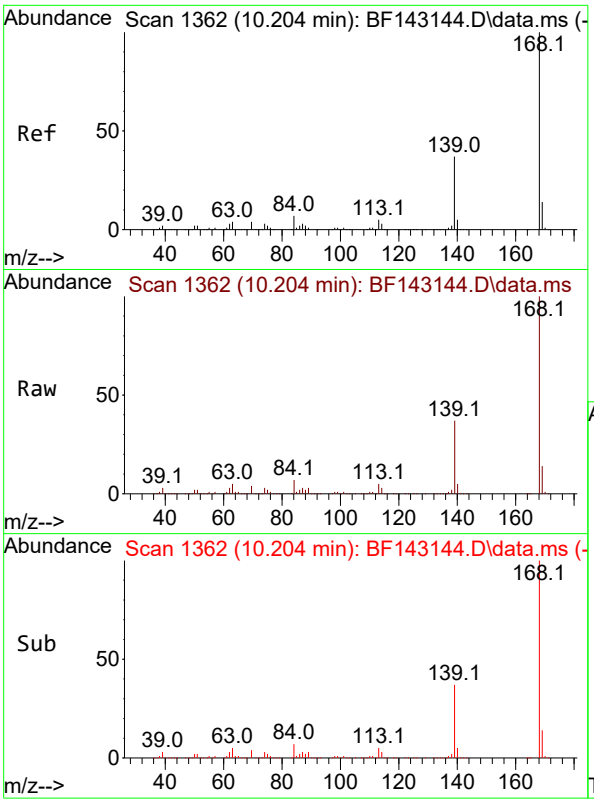


#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

Ion	Ratio	Lower	Upper
184	100		
63	102.2	81.8	122.6
154	515.3	412.2	618.4

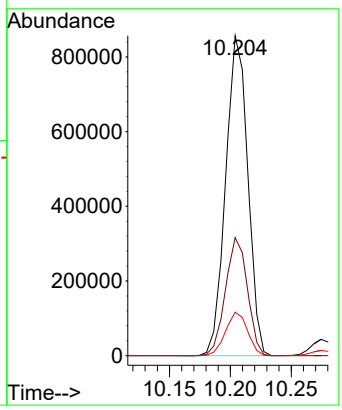




#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:168 Resp: 108367

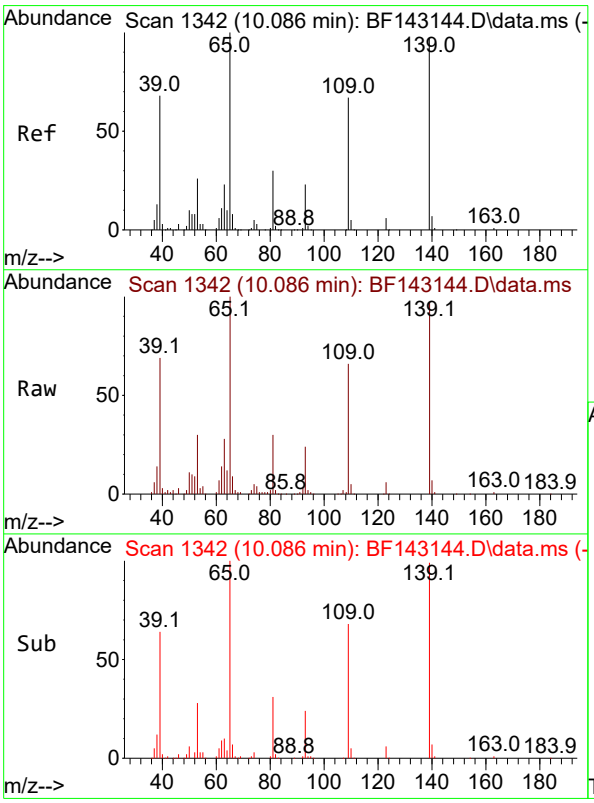
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

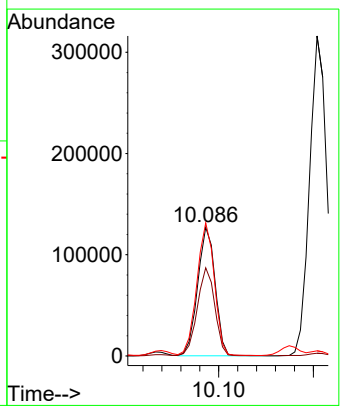
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

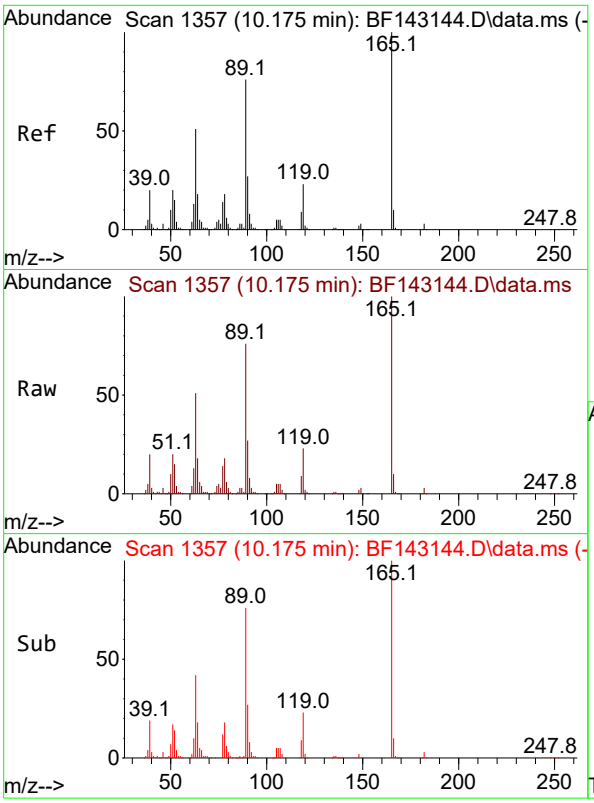


#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.5	88.5
65	103.4	83.4	123.4

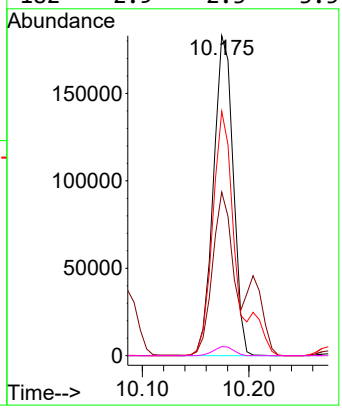




#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 23510

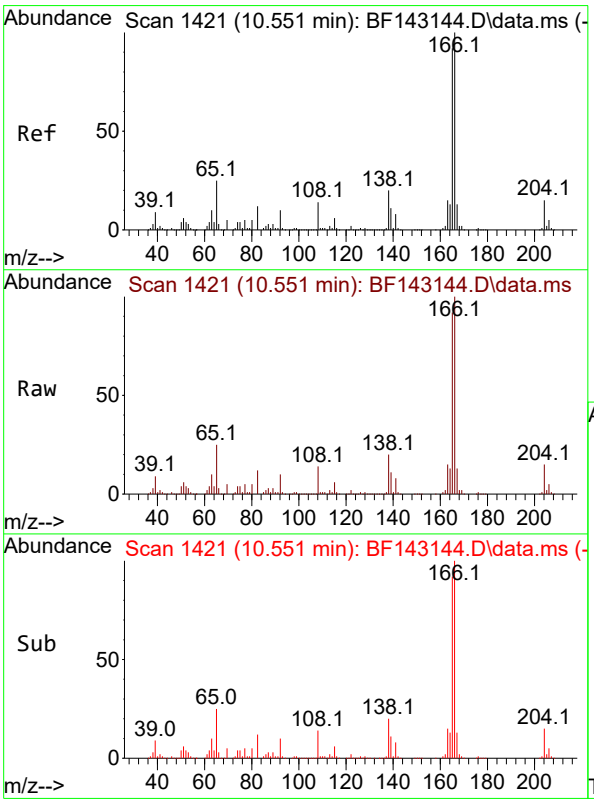
Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.0	61.4
89	76.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

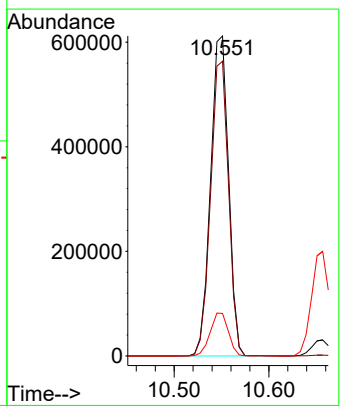
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

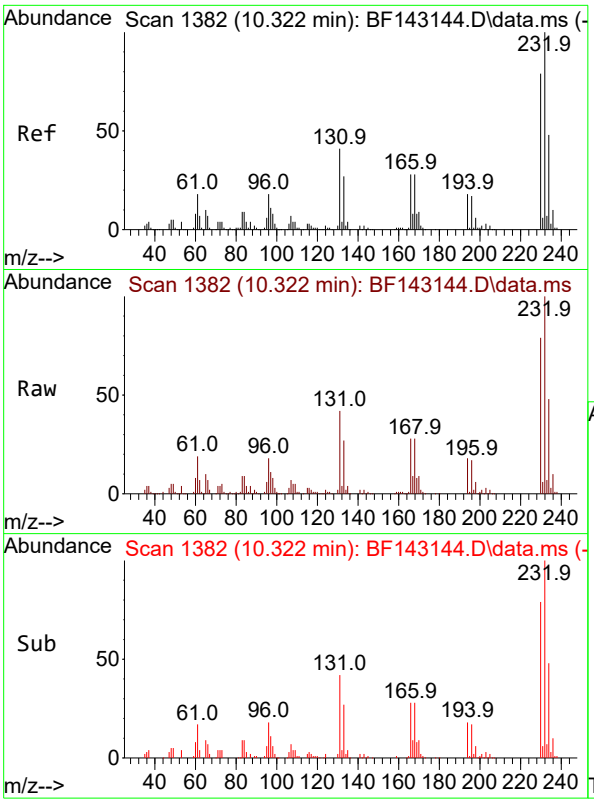


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0

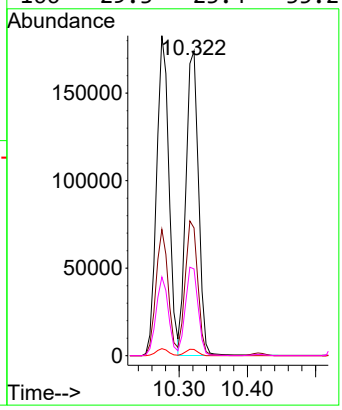




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:232 Resp: 22087

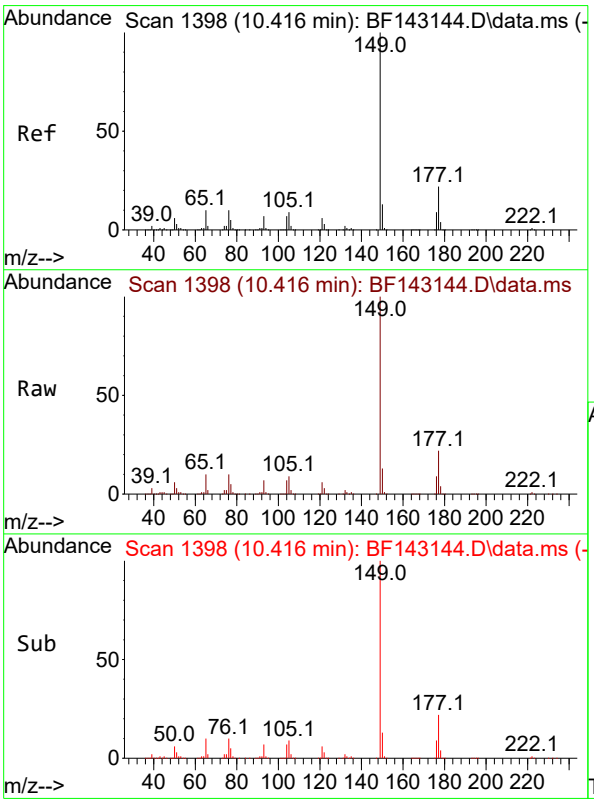
Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.3	52.9
130	2.1	1.7	2.5
166	29.3	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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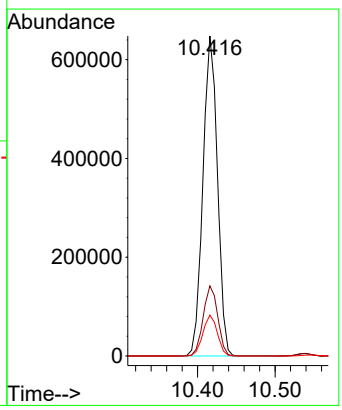
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

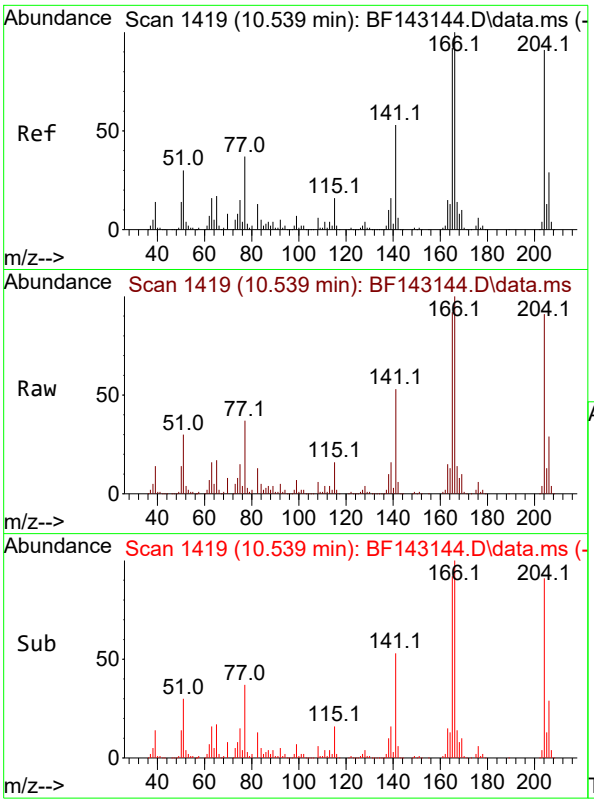


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

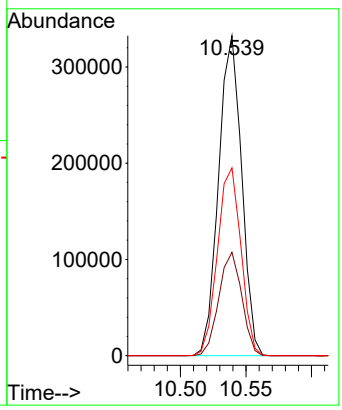
Tgt Ion:204 Resp: 40647

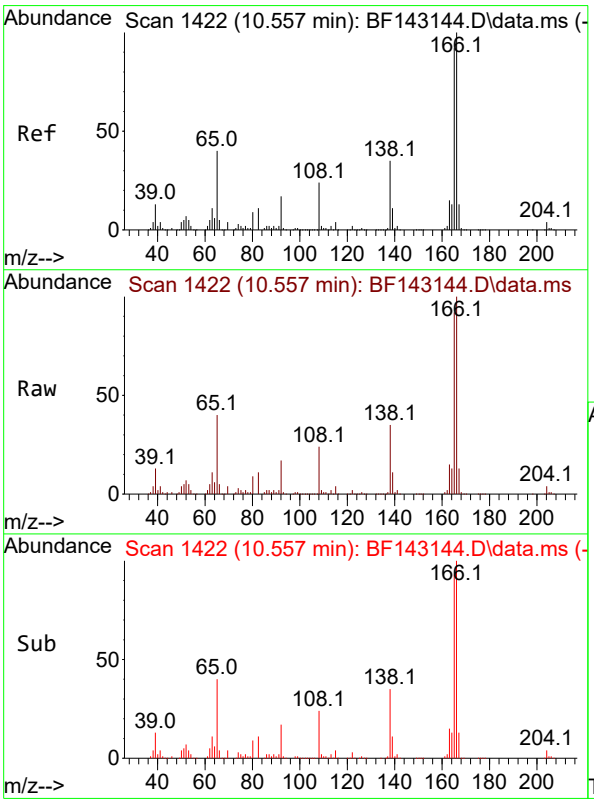
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

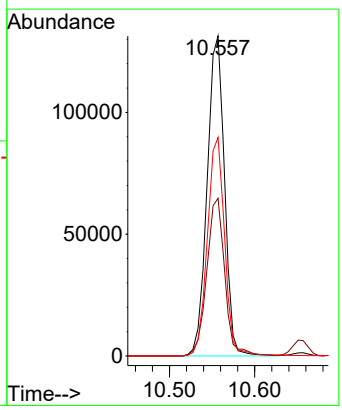


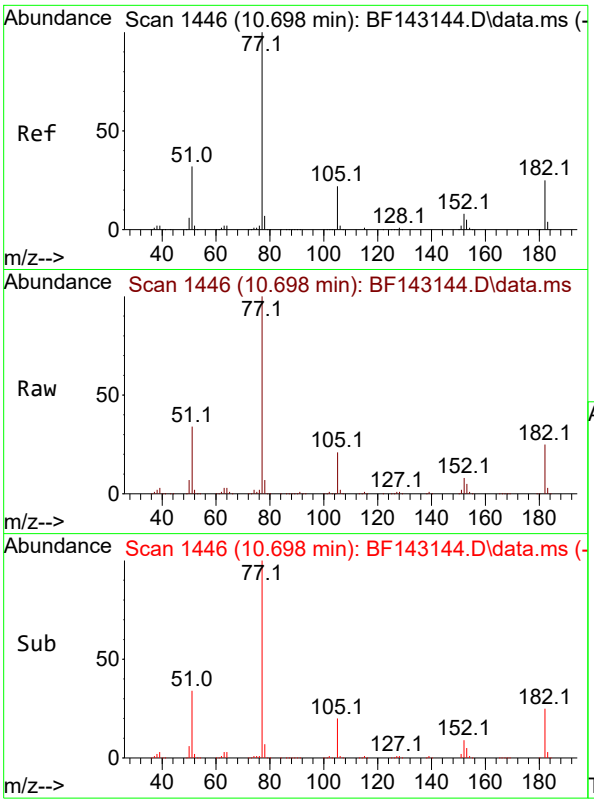


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	68.3	48.3	88.3

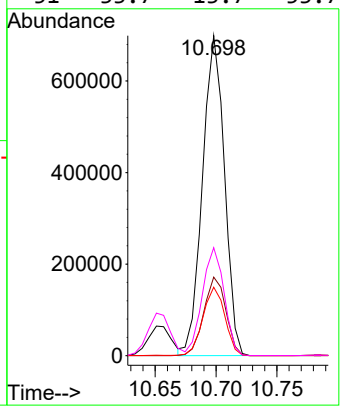




#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 87638

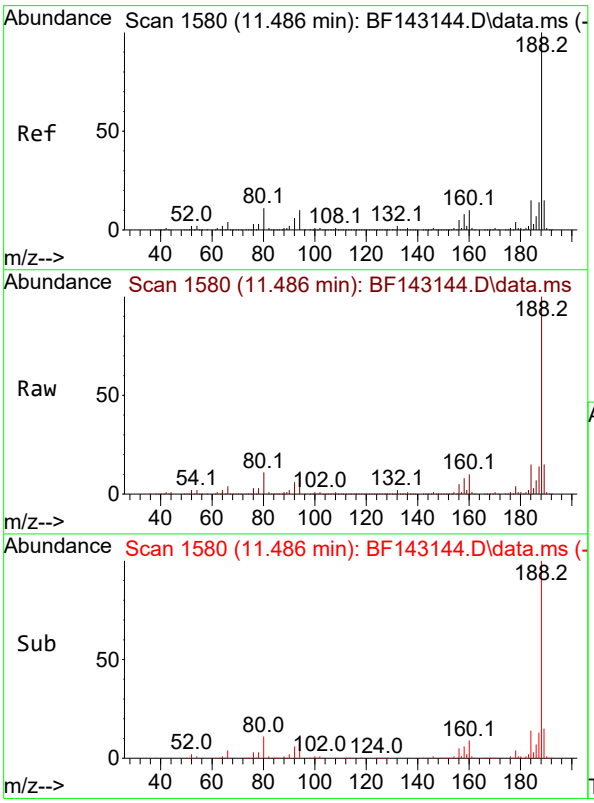
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.4	1.4	41.4
51	33.7	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

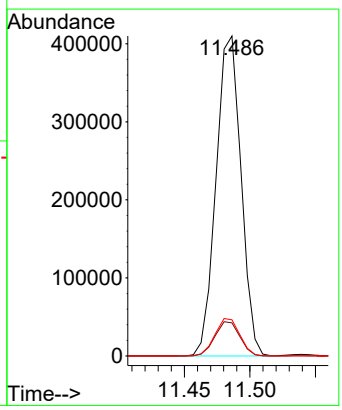
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

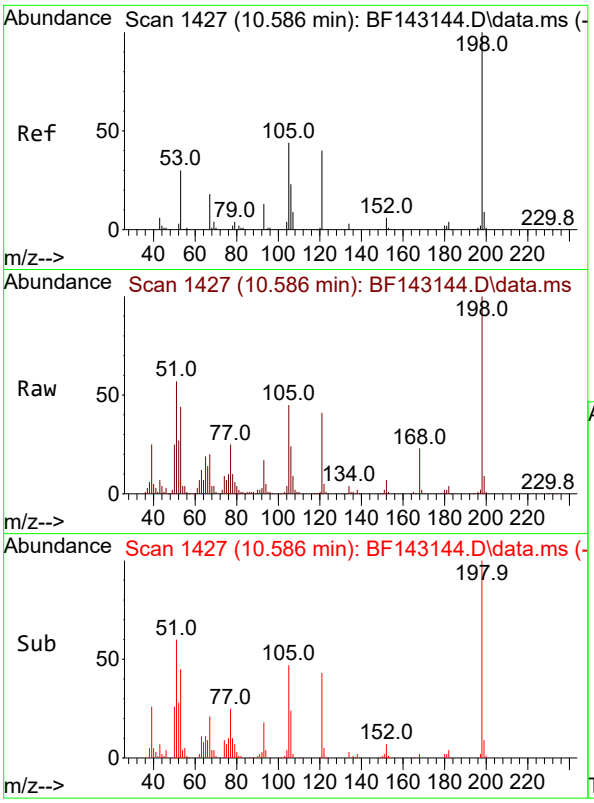


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

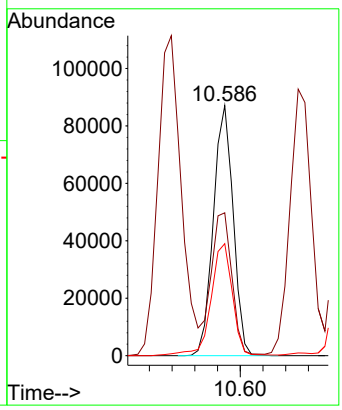
Tgt Ion:198 Resp: 10553

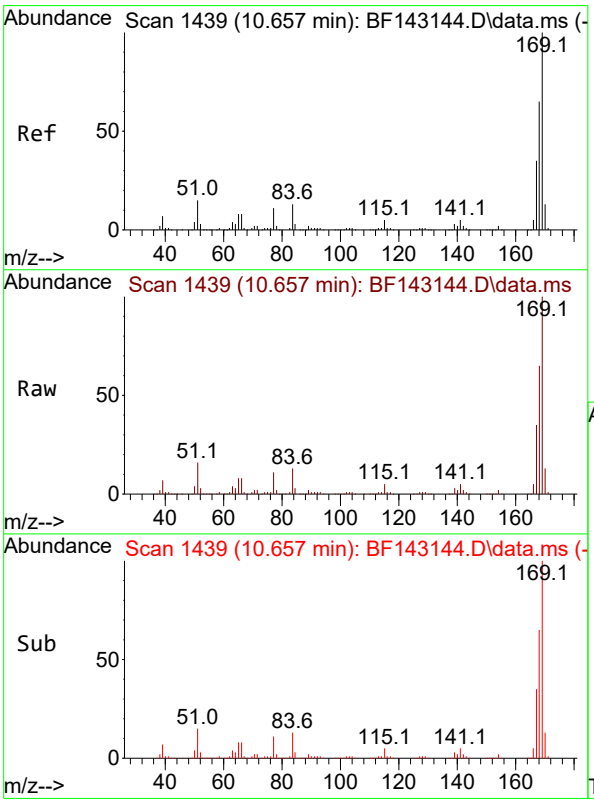
Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	44.8	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

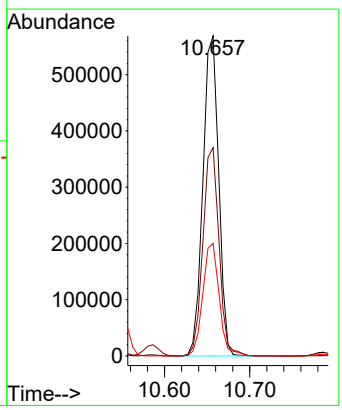


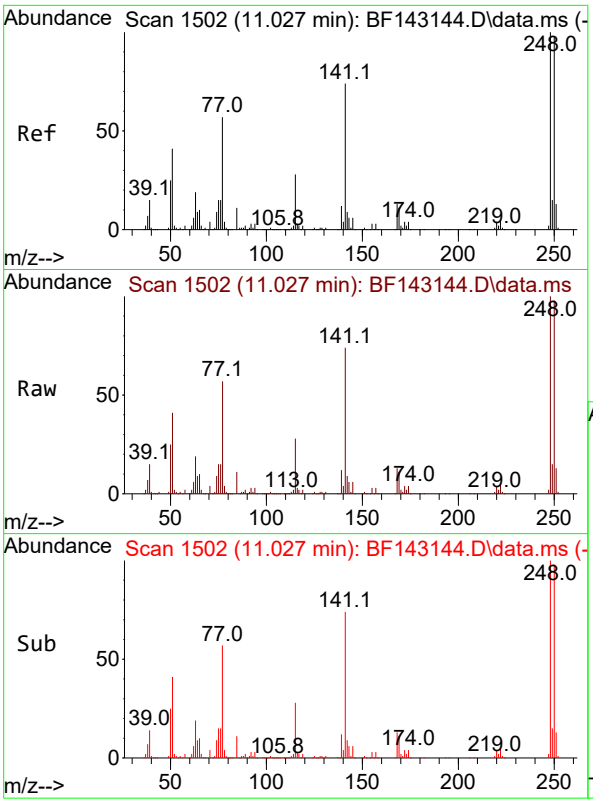


#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.2	28.2	42.2

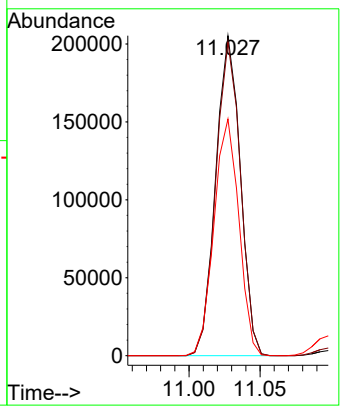




#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:248 Resp: 24776

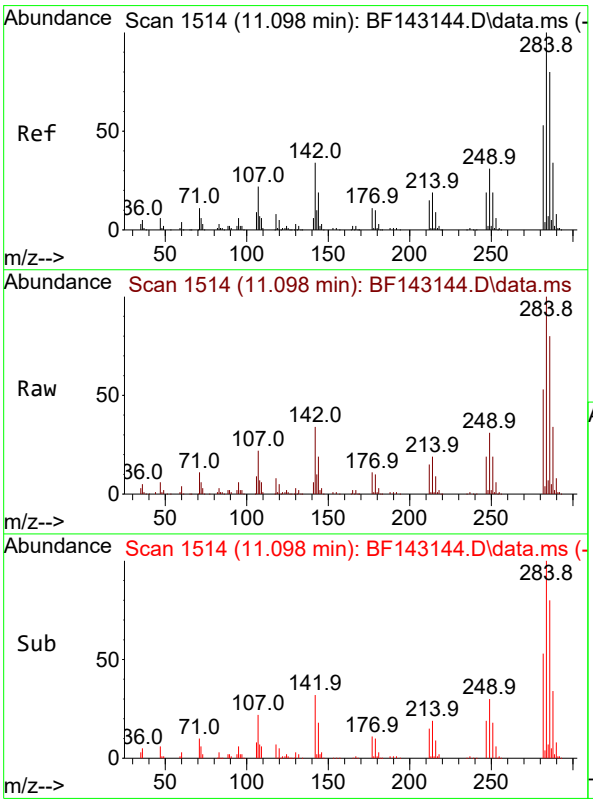
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

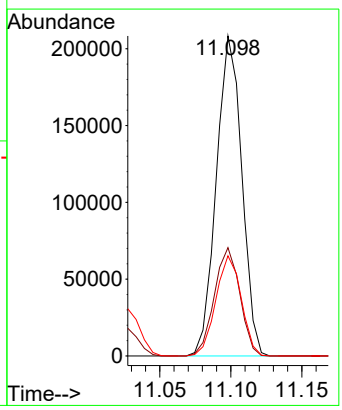
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

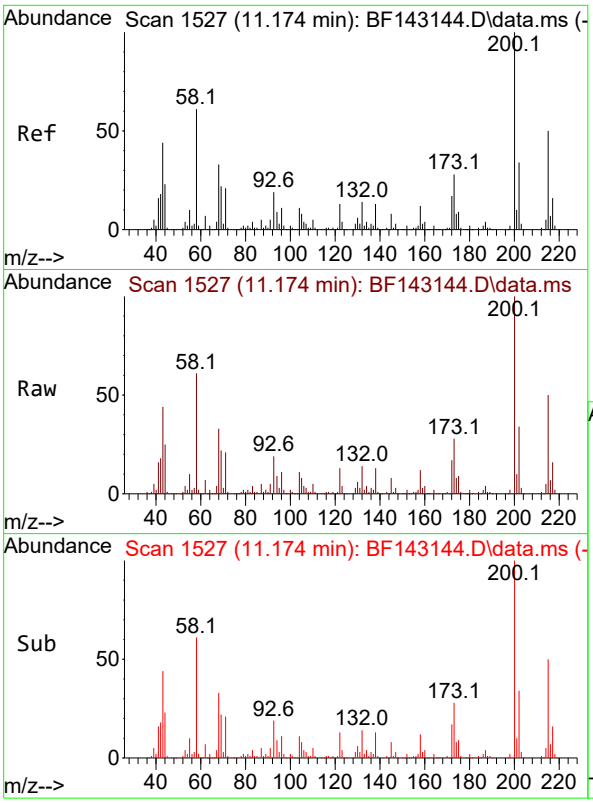


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6

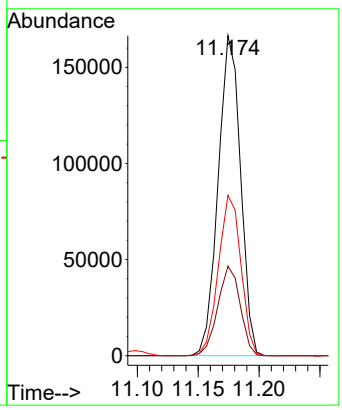




#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:200 Resp: 21297

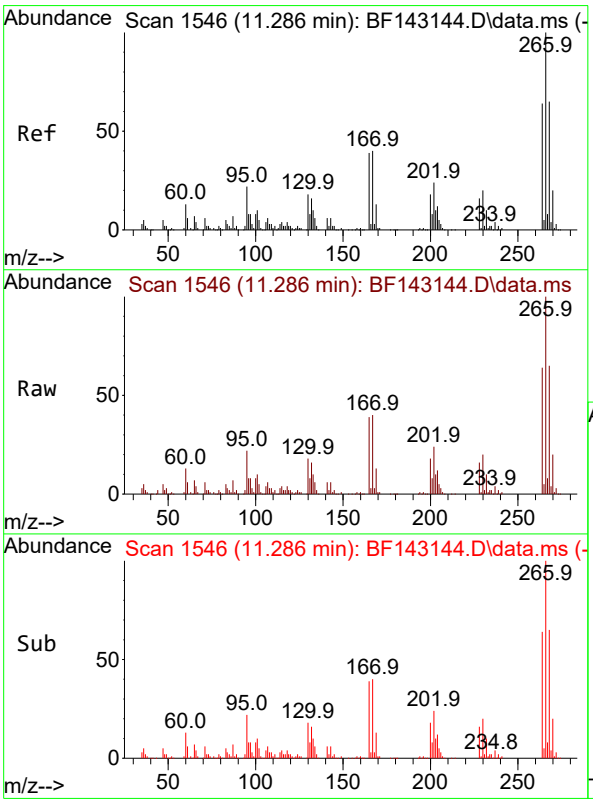
Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

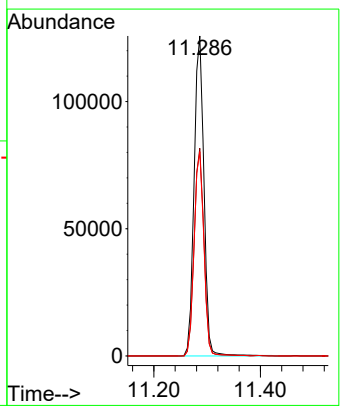
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

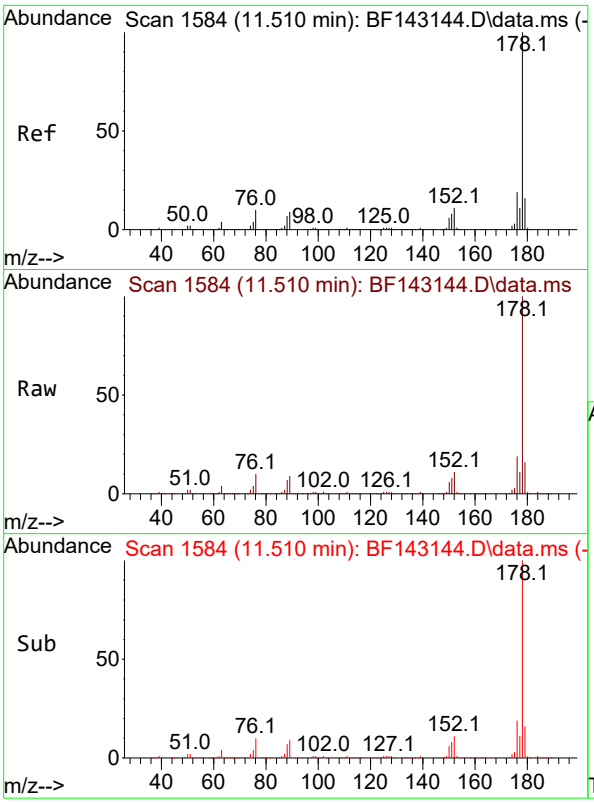


#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	51.0	76.6

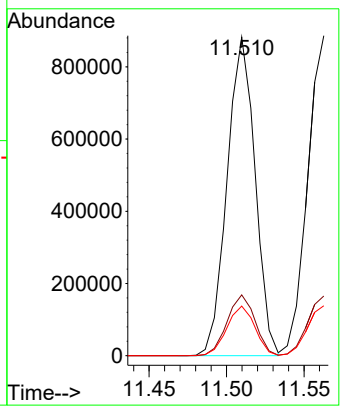




#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 110741

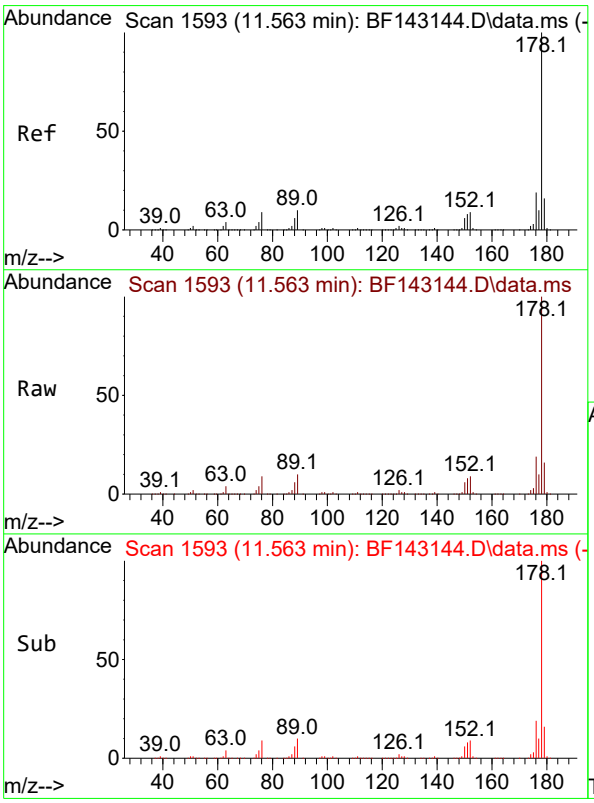
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

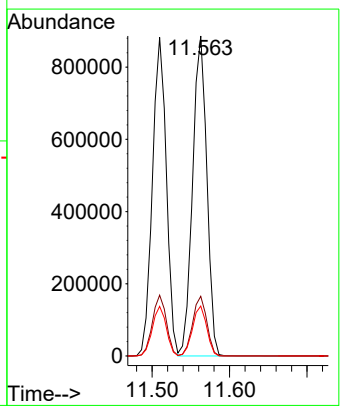
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

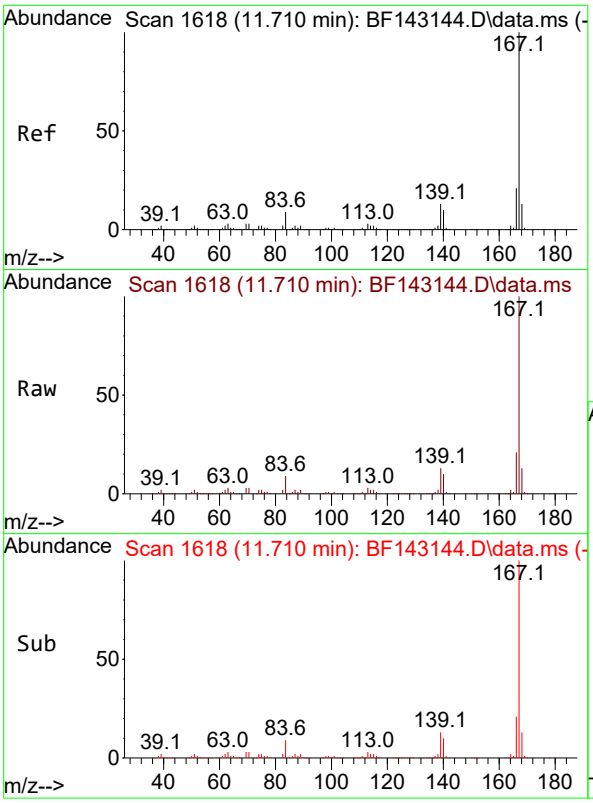


#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7





#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

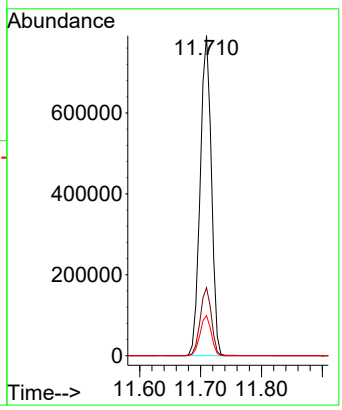
Tgt Ion:167 Resp: 100866

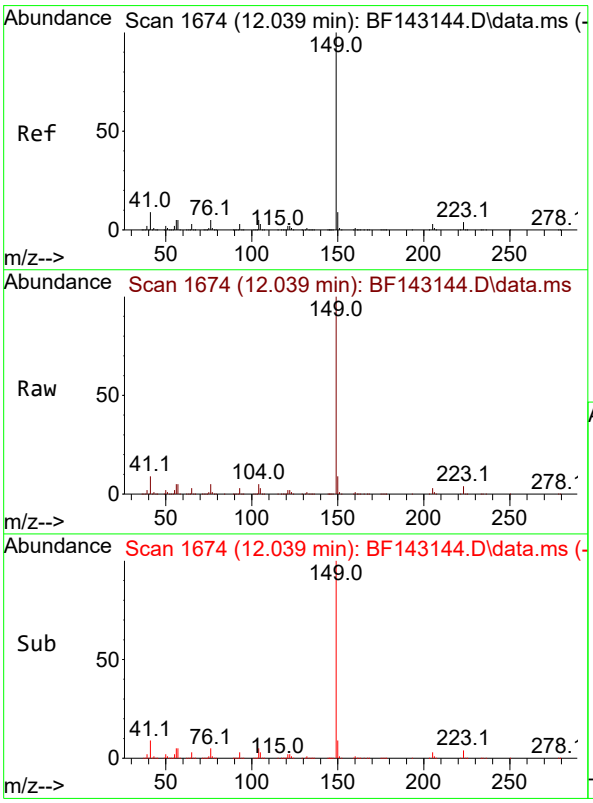
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.5	10.0	15.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

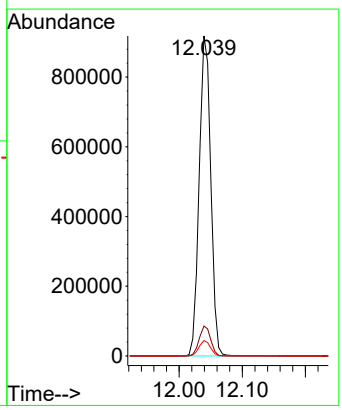


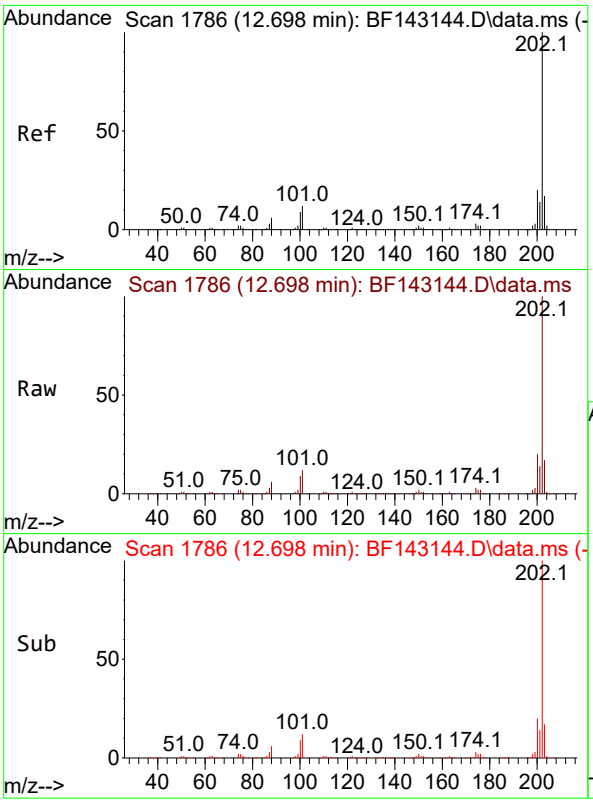


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8

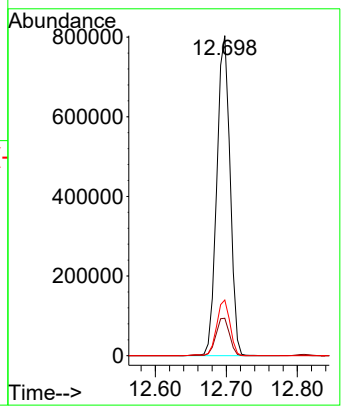




#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 103450

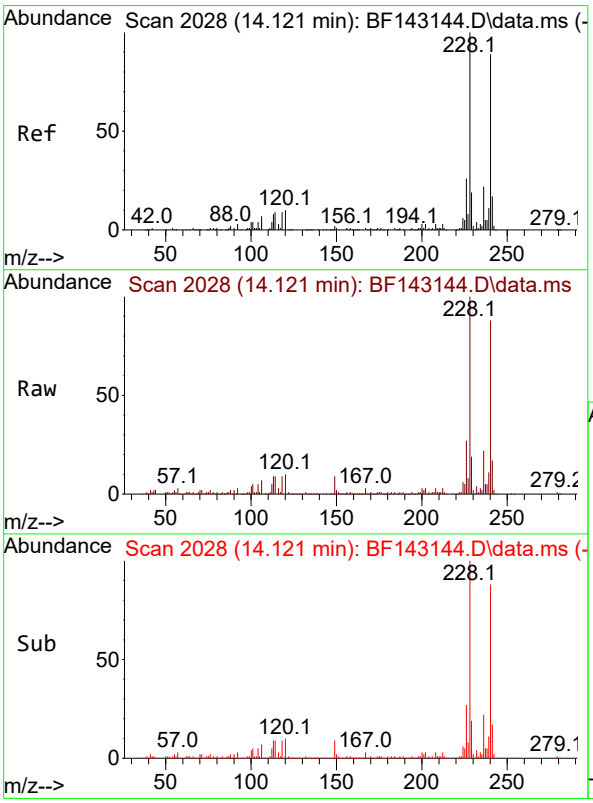
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

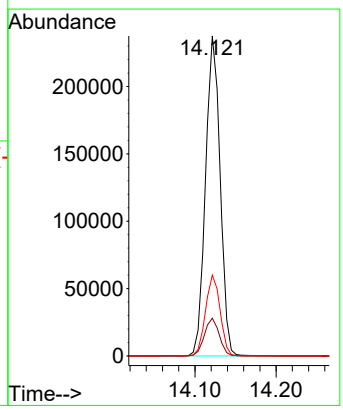
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

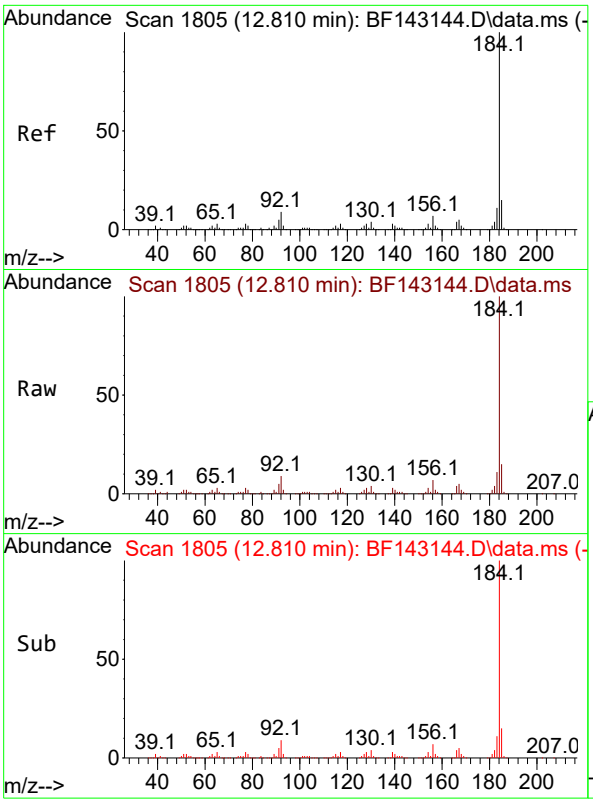


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	25.3	20.2	30.4

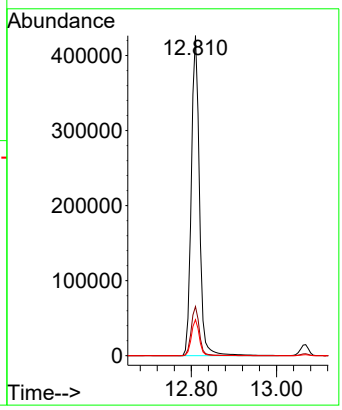




#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 56473

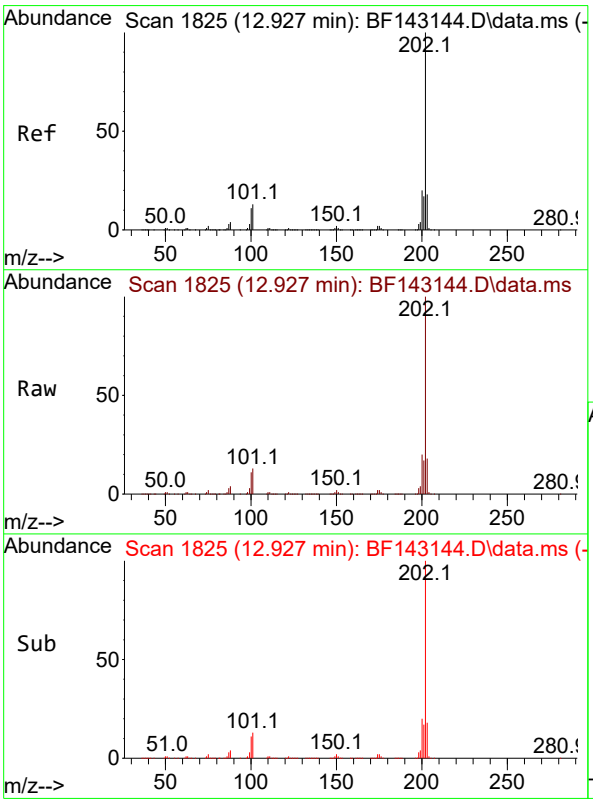
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

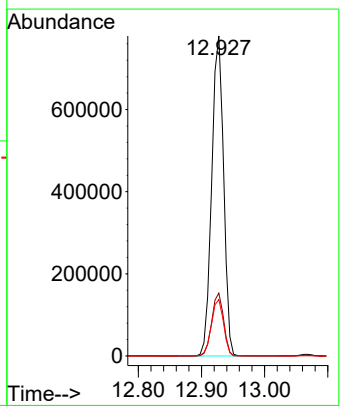
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

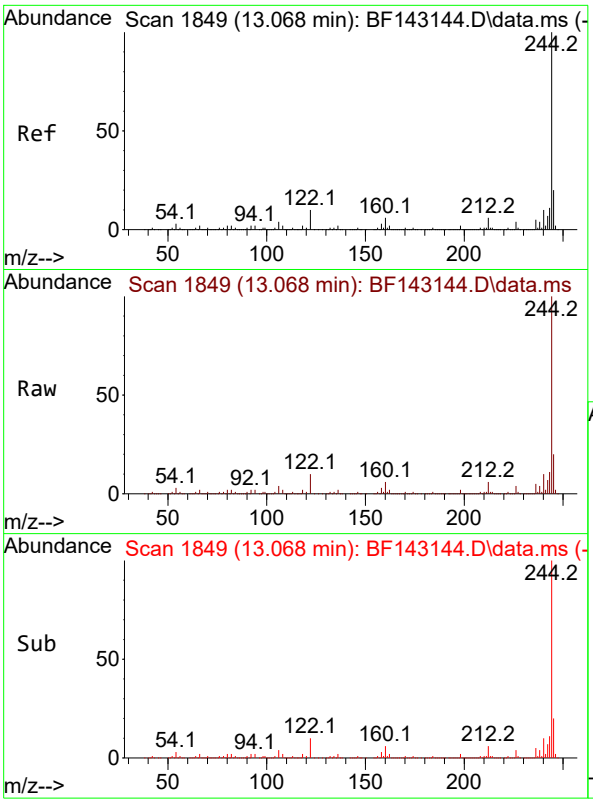


#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.7	14.2	21.2

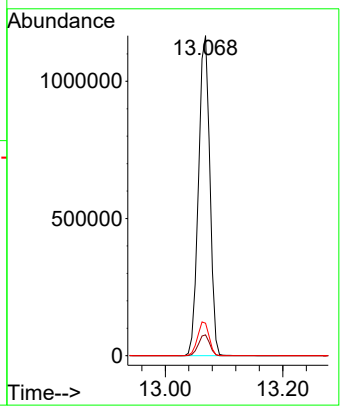




#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:244 Resp: 155492

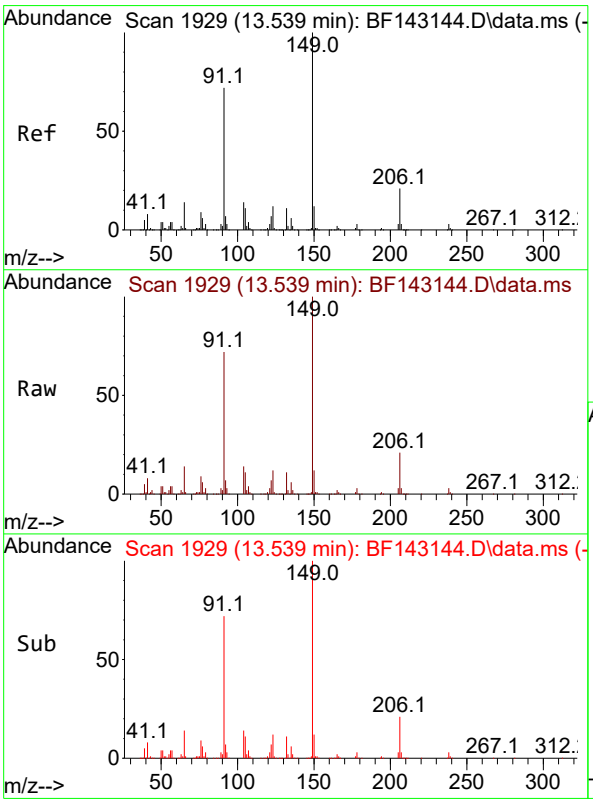
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

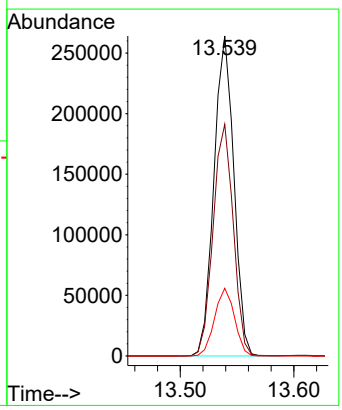
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

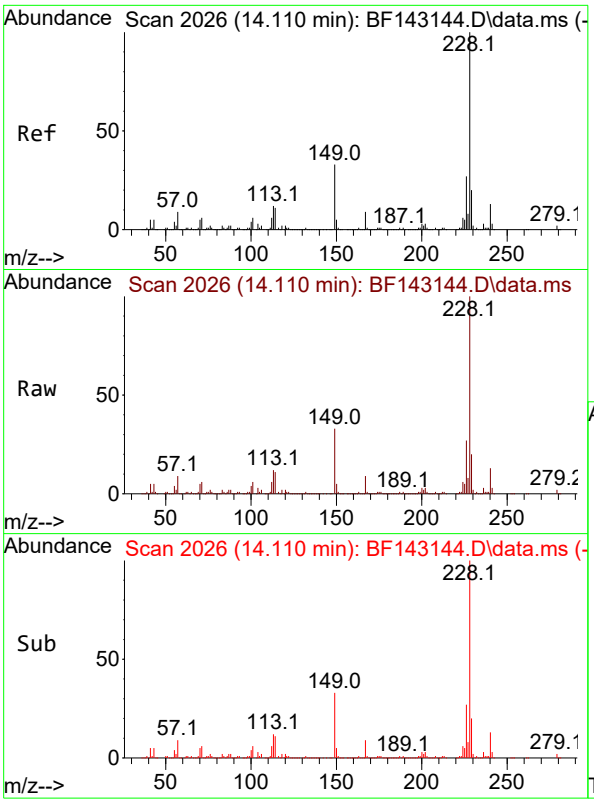


#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.9	86.9
206	21.2	17.0	25.4

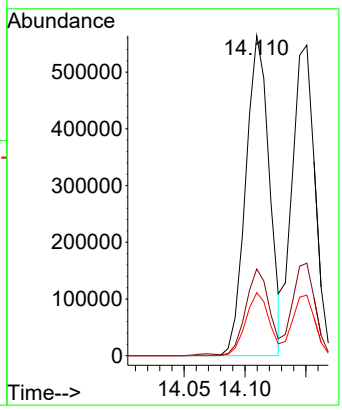




#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 75972

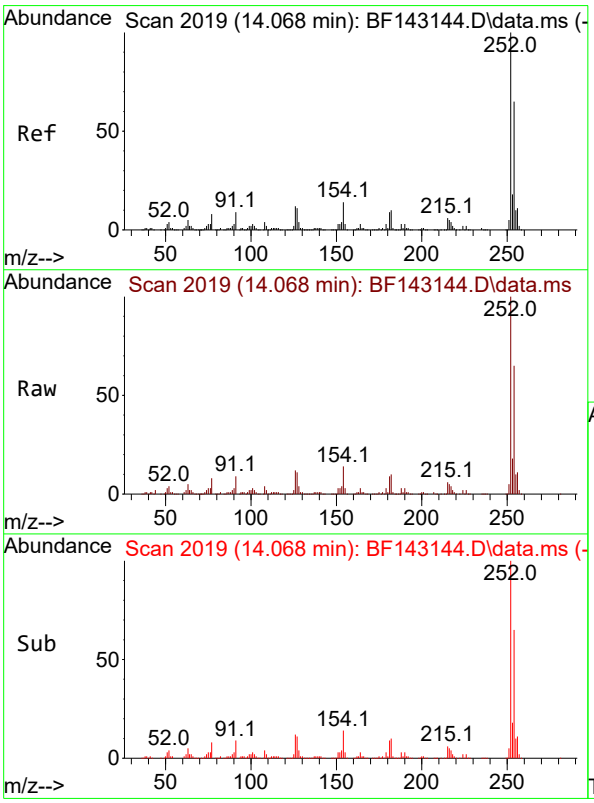
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

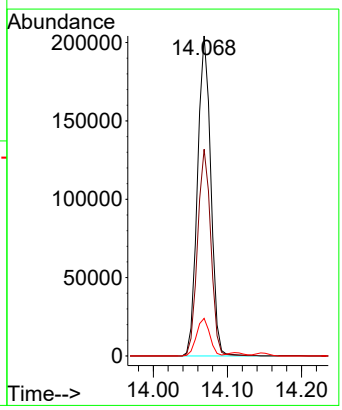
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

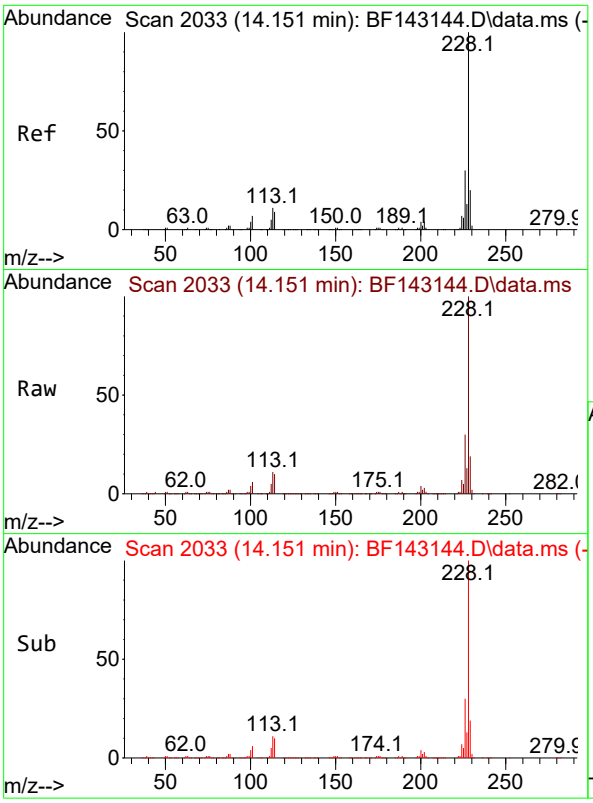


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.7	9.4	14.0

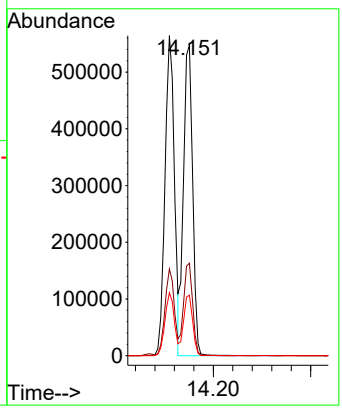




#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 71522

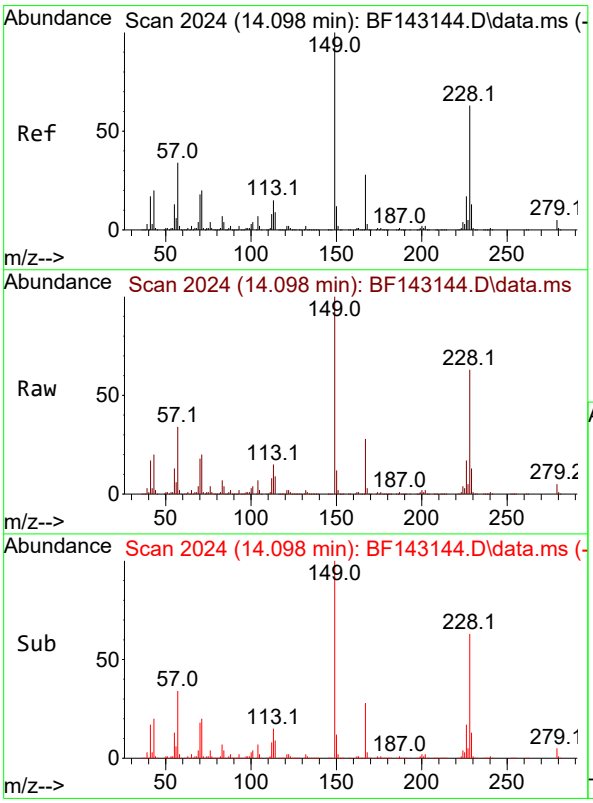
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

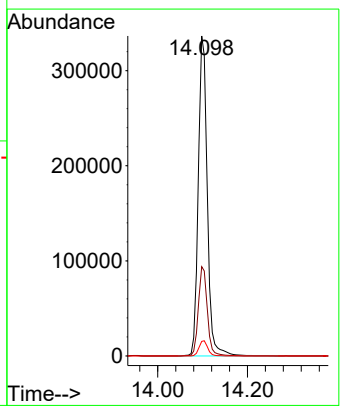
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

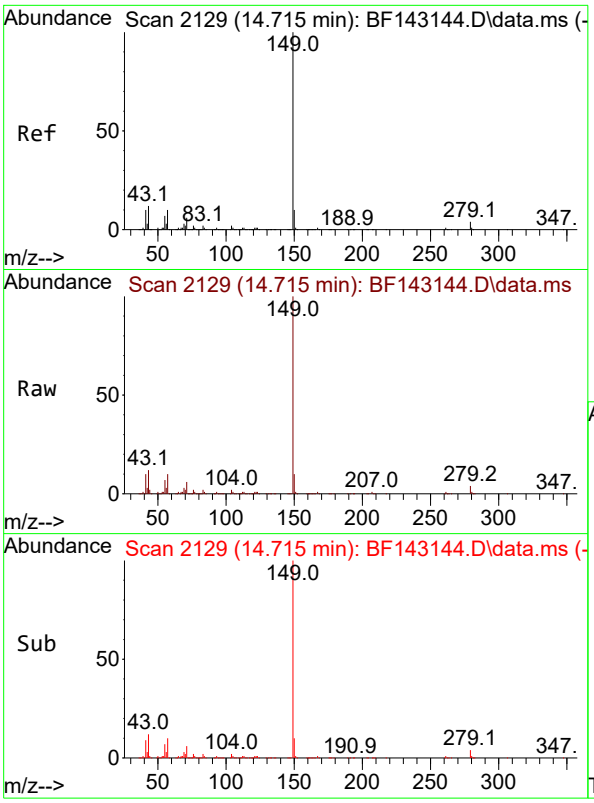


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4

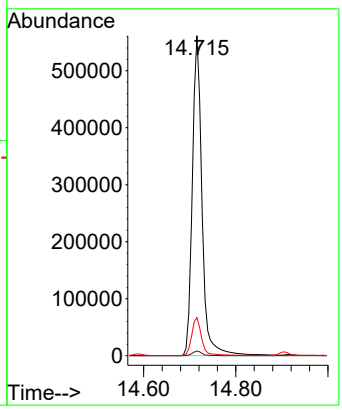




#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 82026

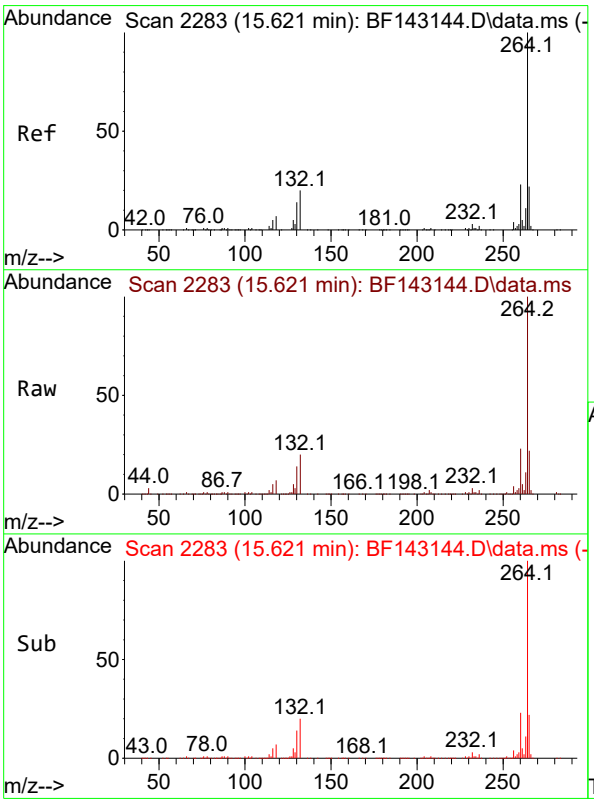
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

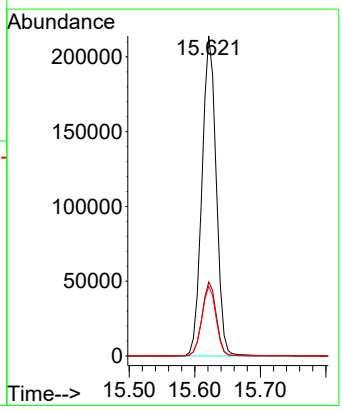
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

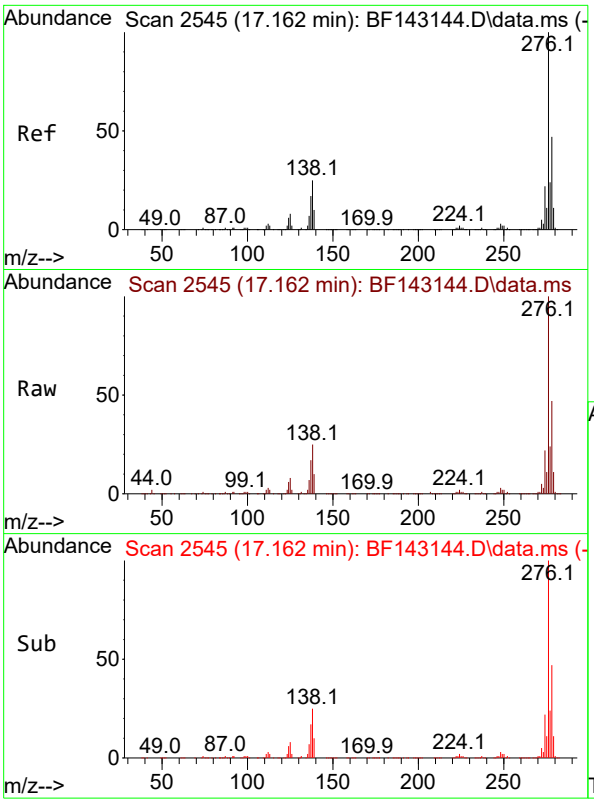


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.8	17.4	26.2

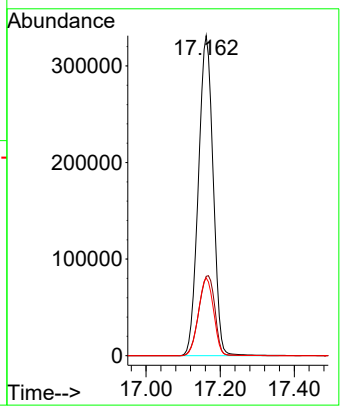




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 91462

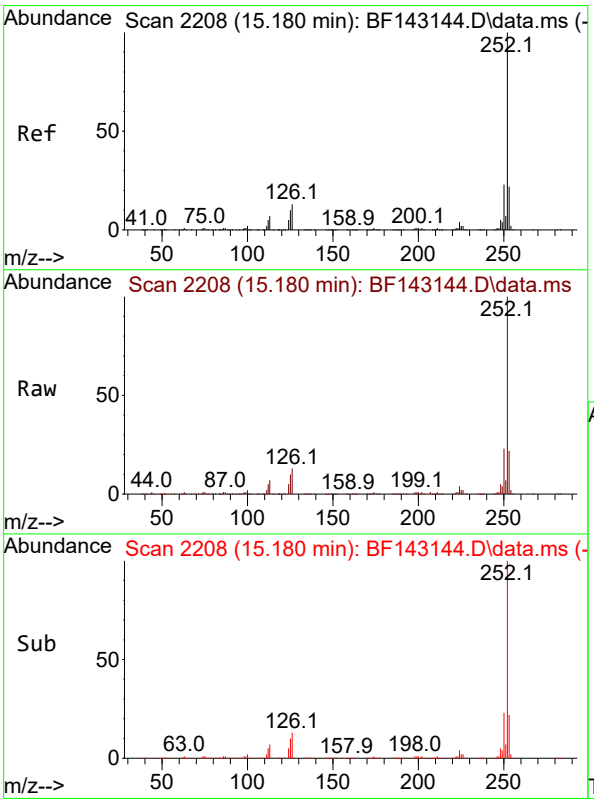
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

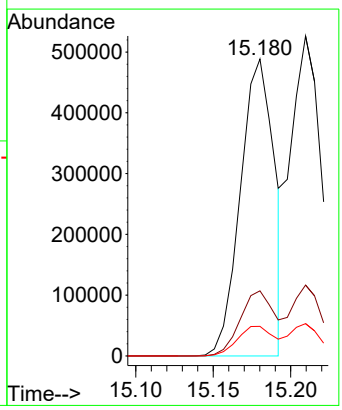
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

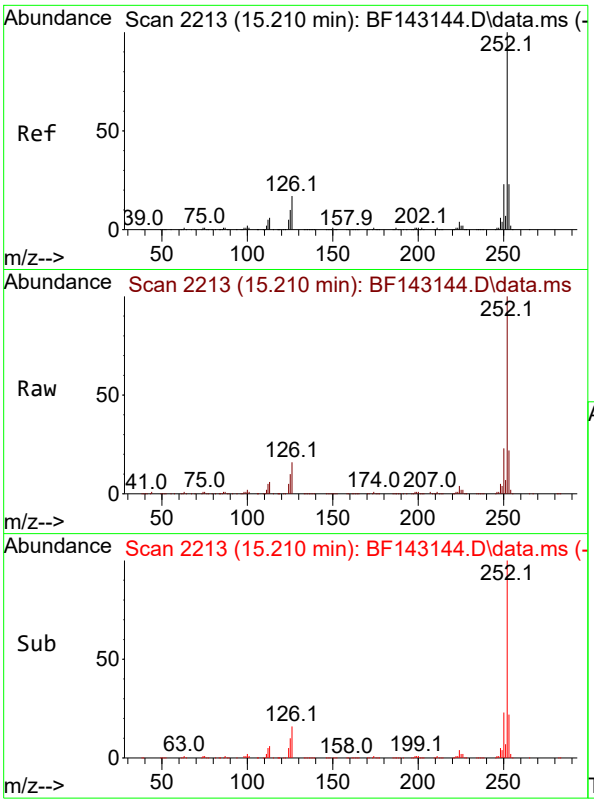


#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.0	12.0

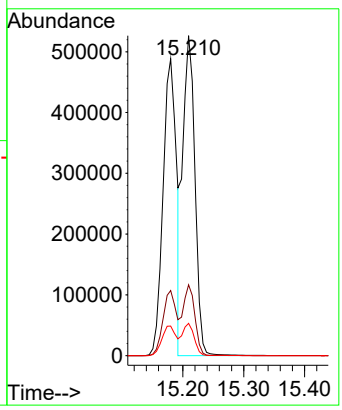




#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 73363

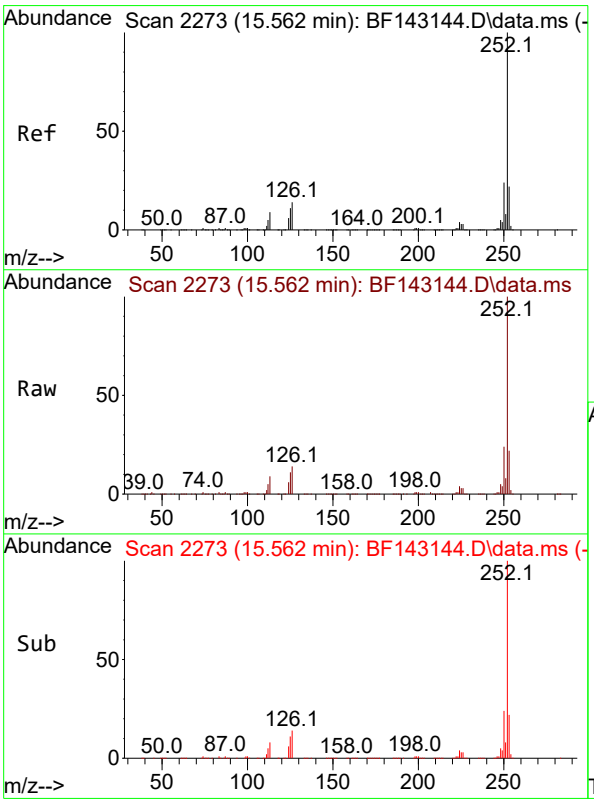
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

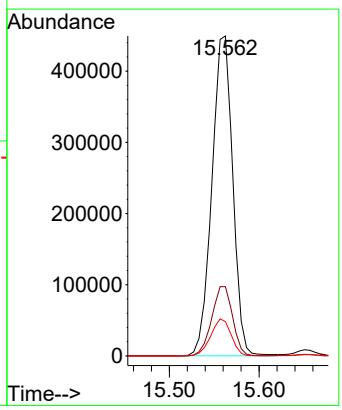
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

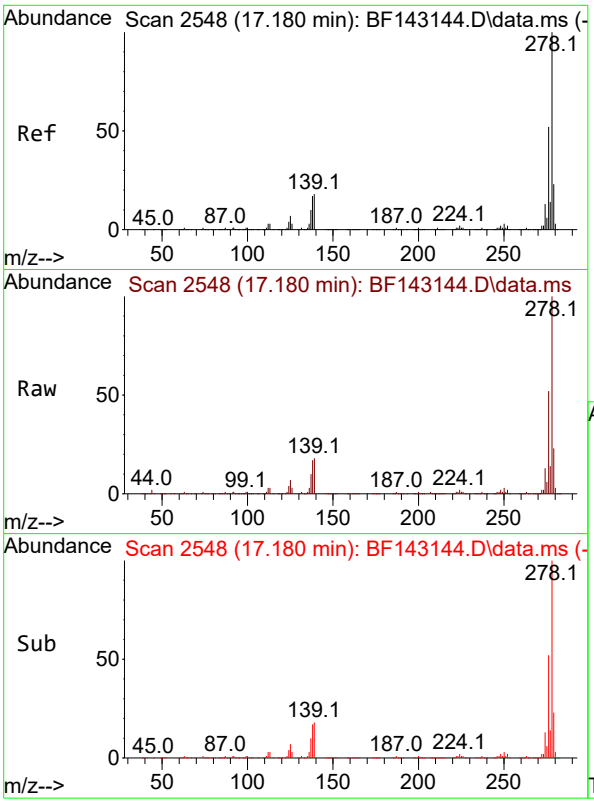


#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.8	8.6	13.0

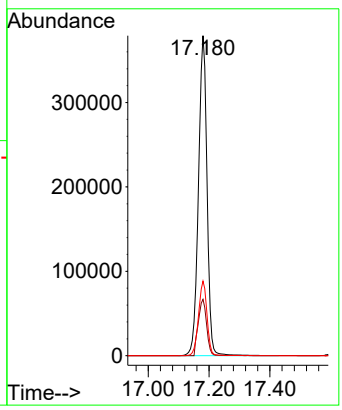




#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:278 Resp: 74218

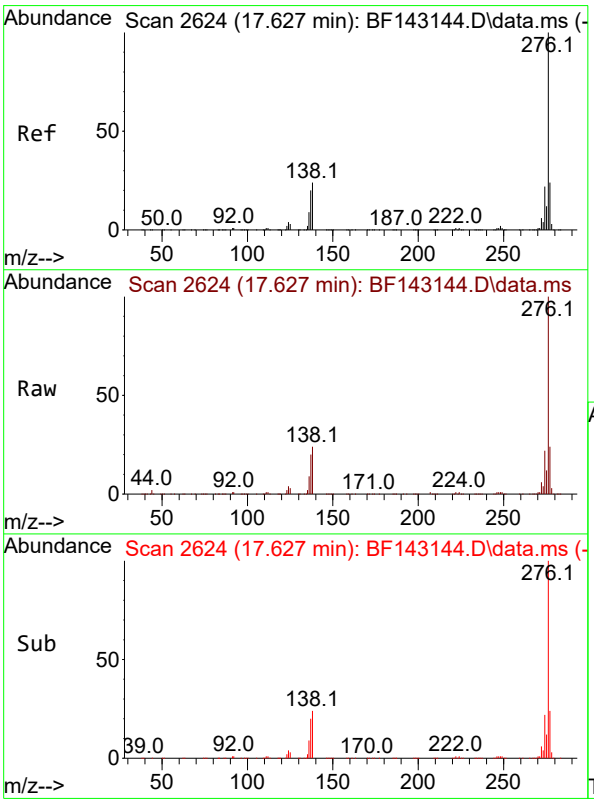
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.3	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

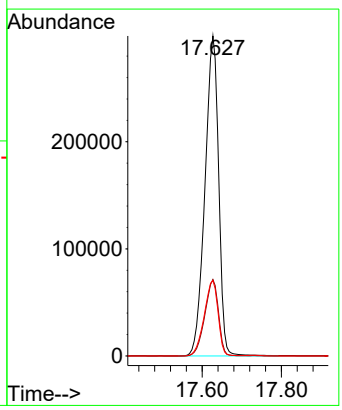
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.6	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	645540m	51.598	ng		
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	273361m	52.352	ng		
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

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

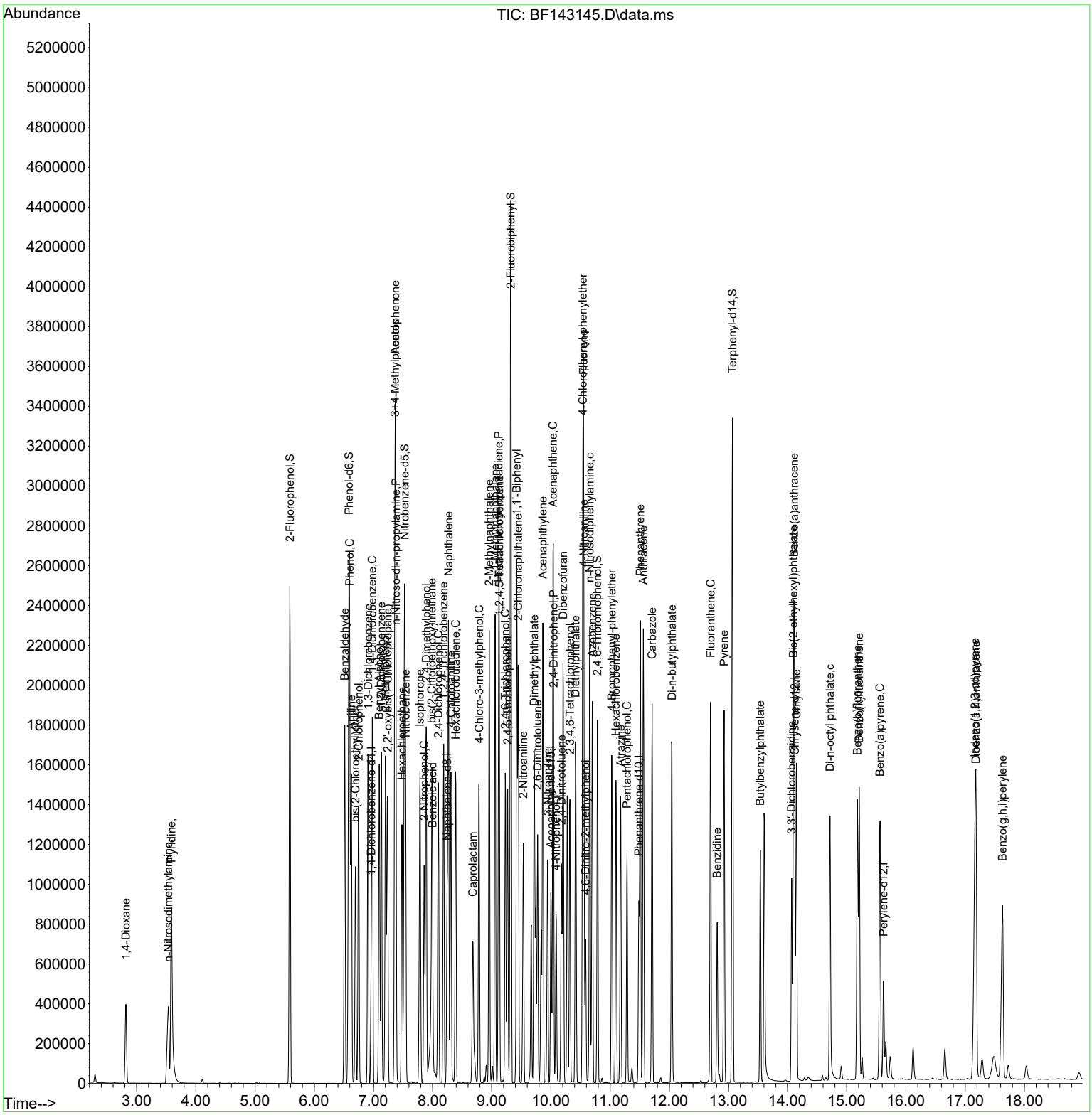
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Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

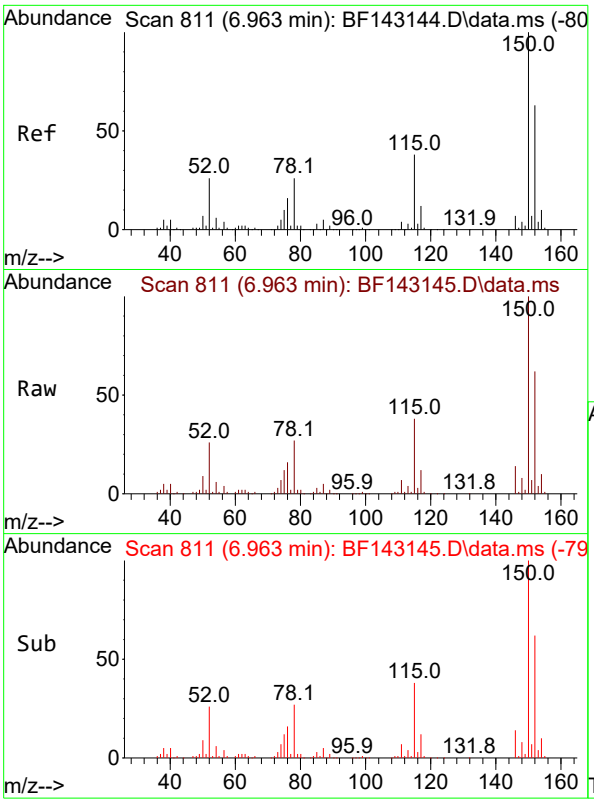
Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
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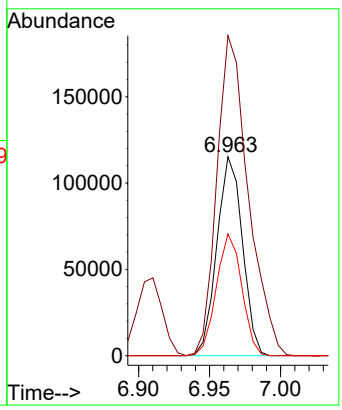




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 14438

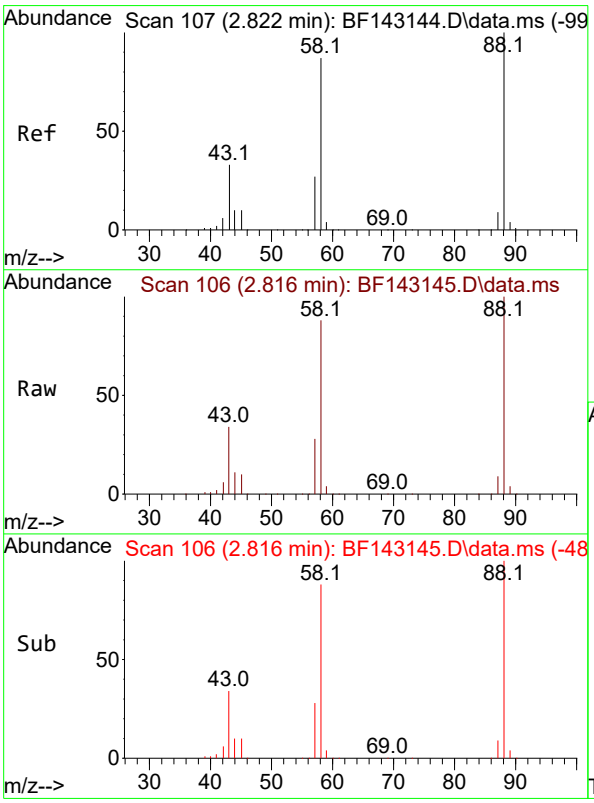
Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.2	192.4
115	61.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

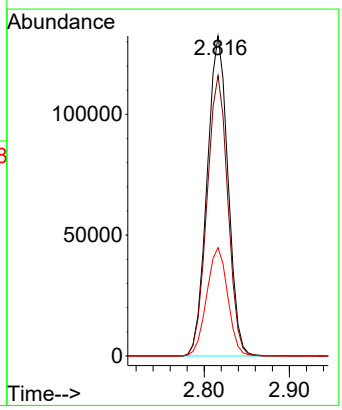
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

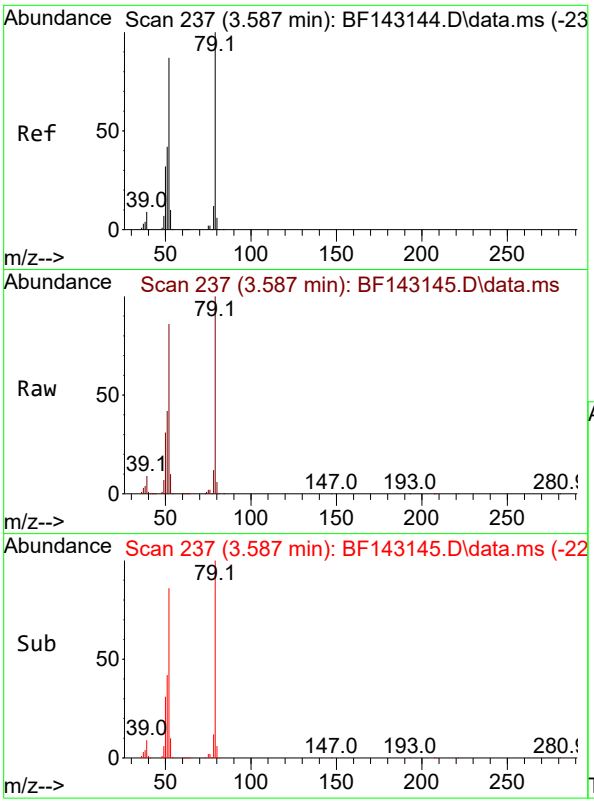


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.0	27.1	40.7

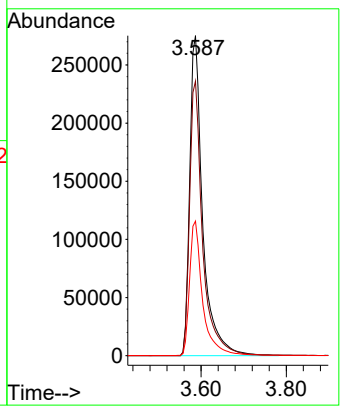




#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 58406

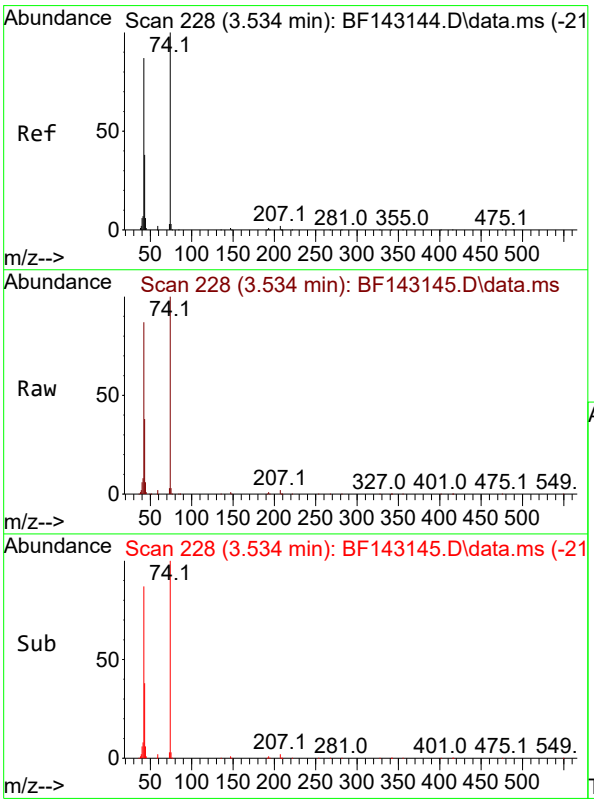
Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

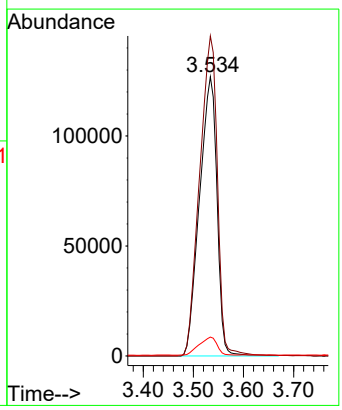
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

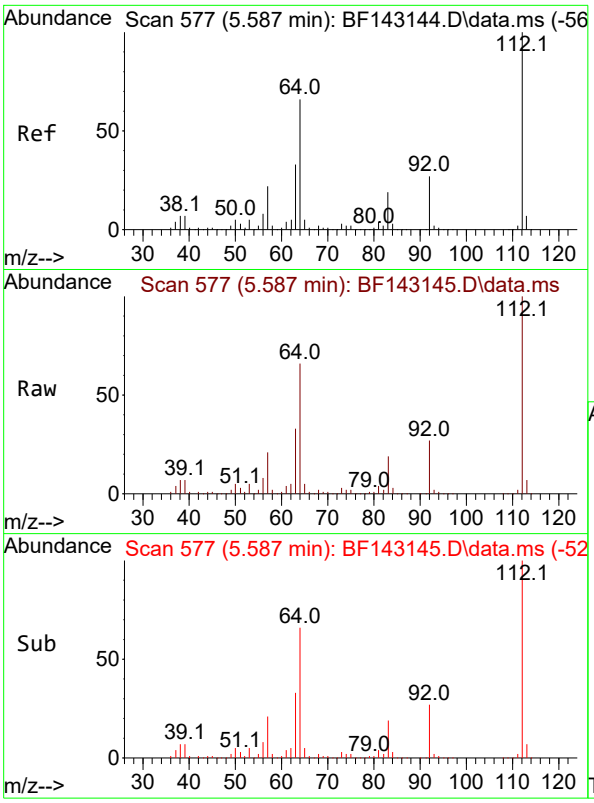


#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	6.8	5.6	8.4

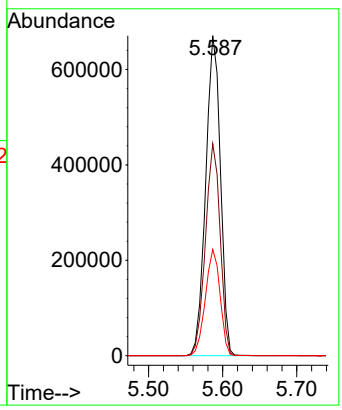




#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:112 Resp: 92726

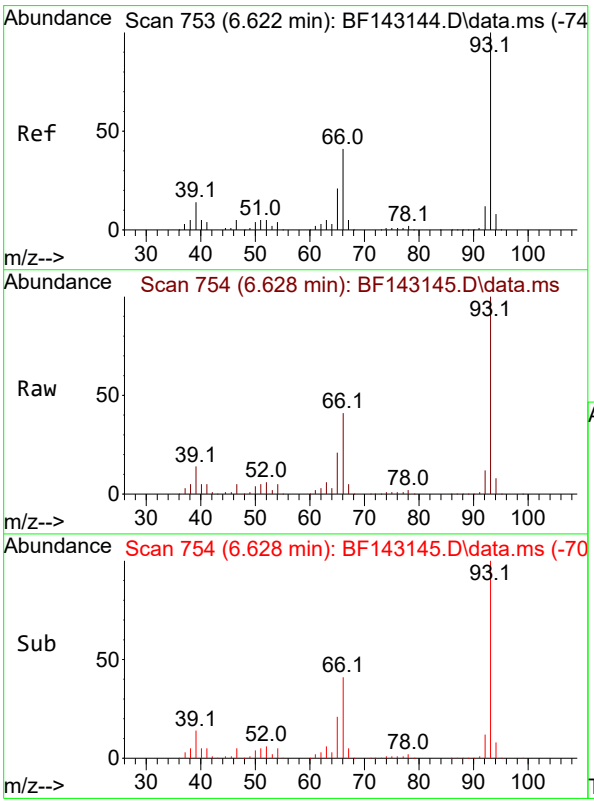
Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.2	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

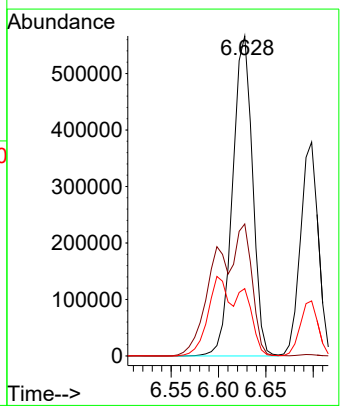
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

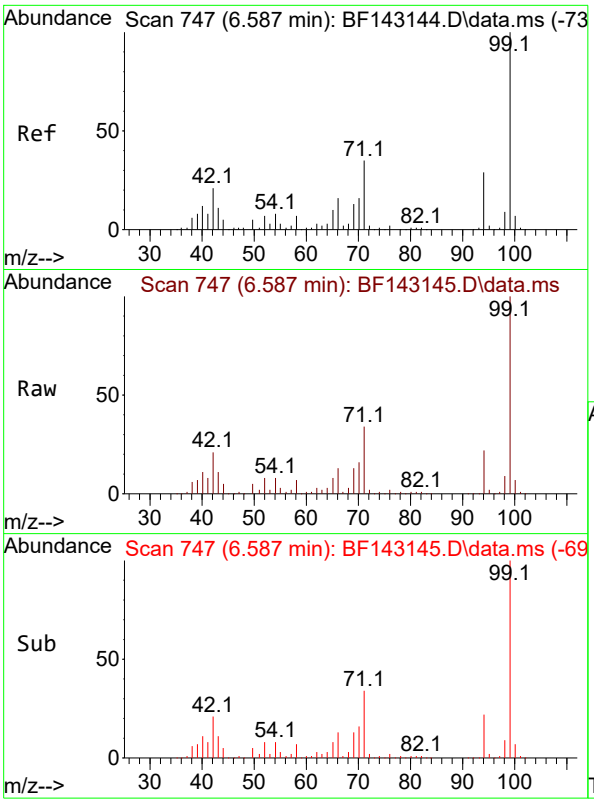


#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.2	49.8
65	21.1	16.9	25.3

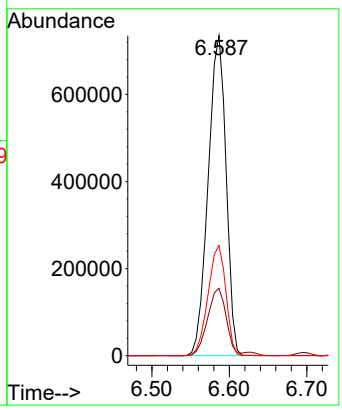




#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 99 Resp: 117846

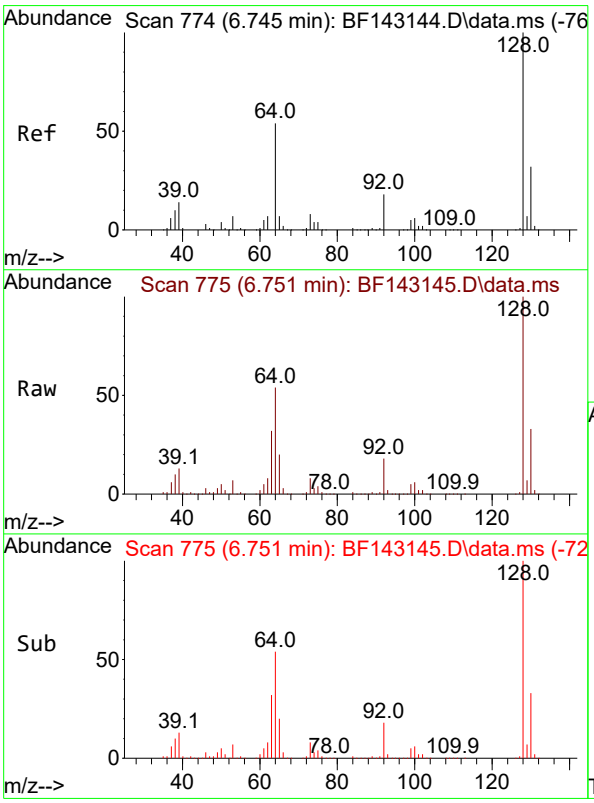
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.4	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

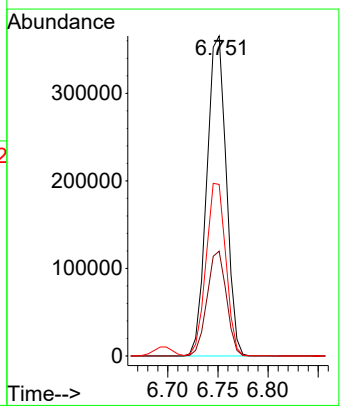
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

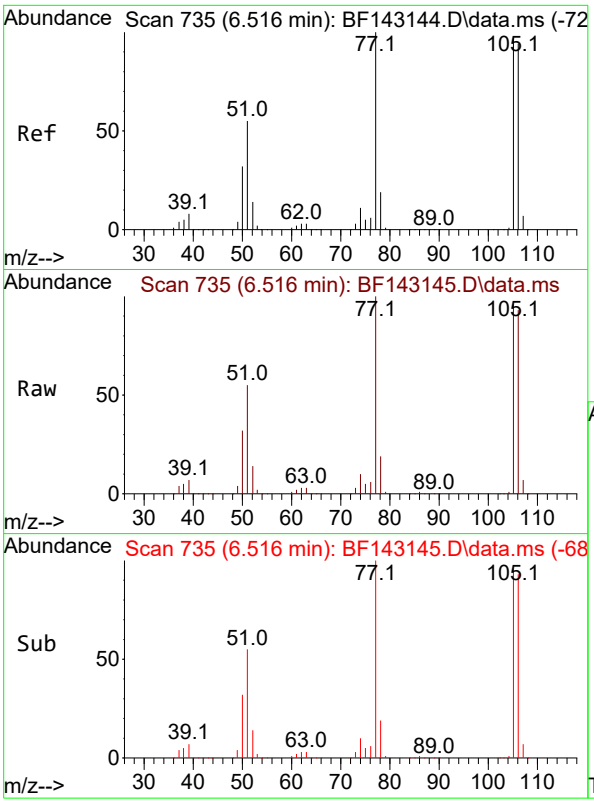


#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	53.6	35.9	75.9

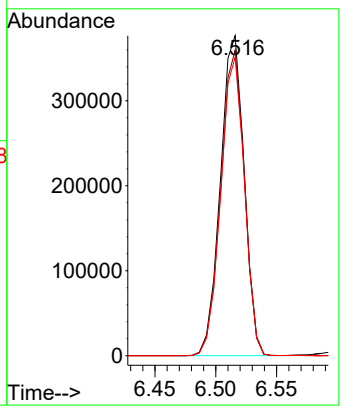




#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 50947

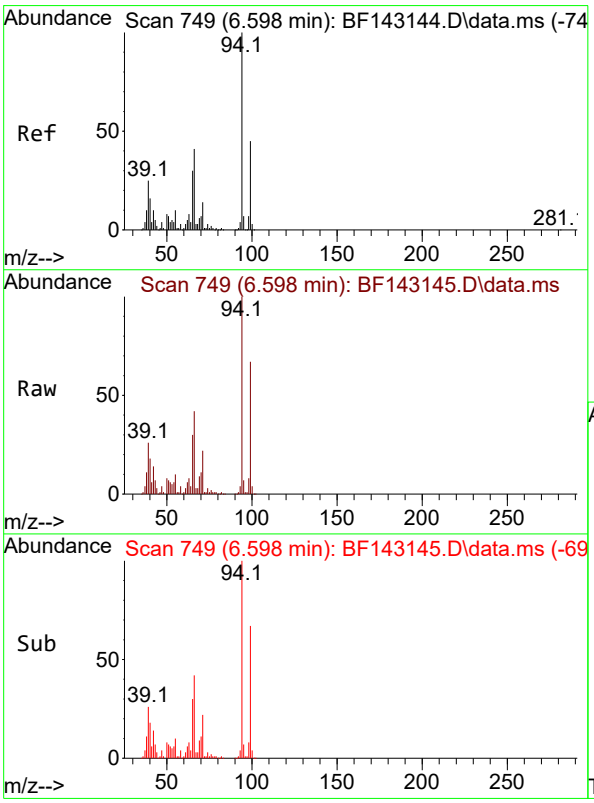
Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	93.3	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

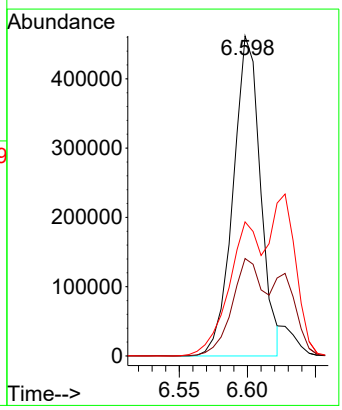
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

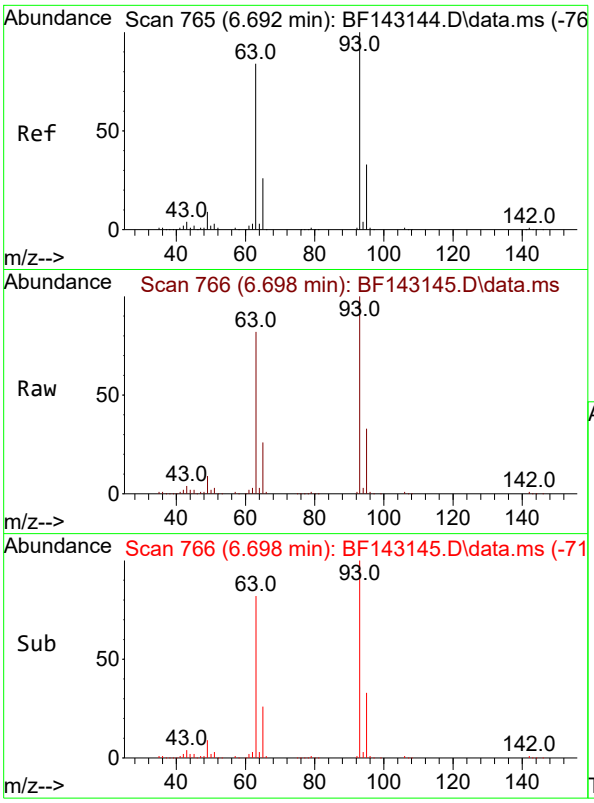


#10
Phenol
Concen: 51.598 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 645540

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	41.9	20.8	60.8

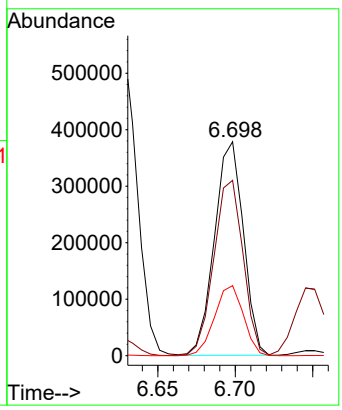




#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 49137

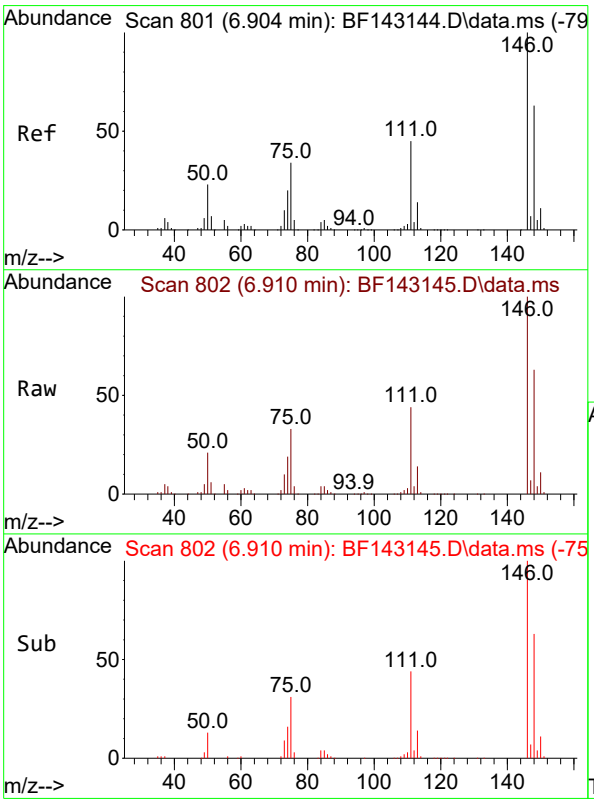
Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.4	103.4
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

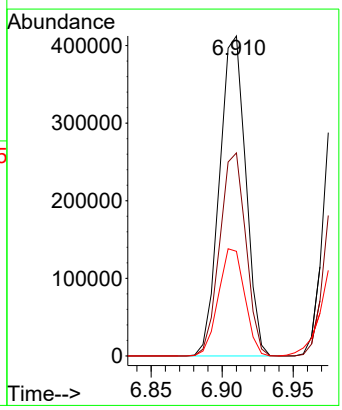
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

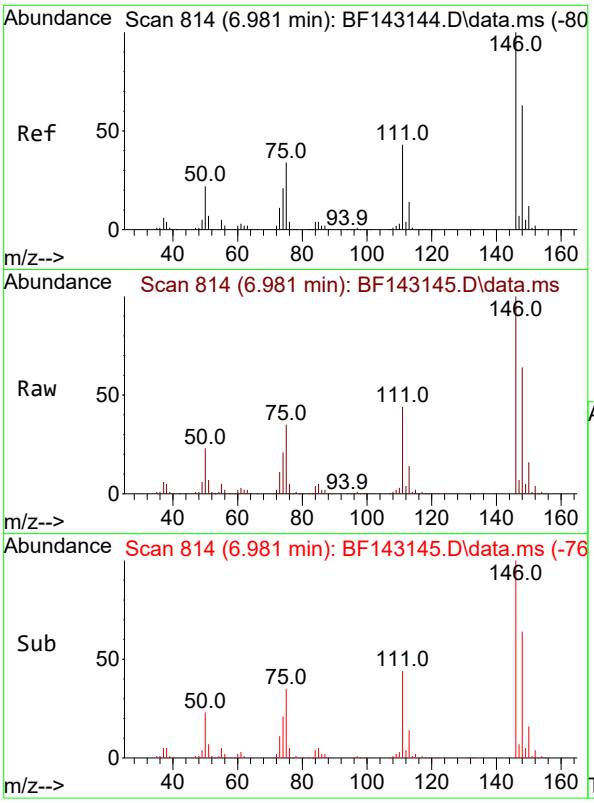


#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.7	27.4	41.2

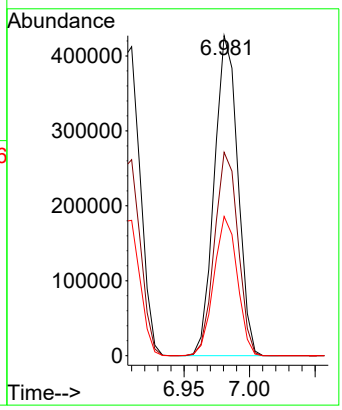




#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 53169

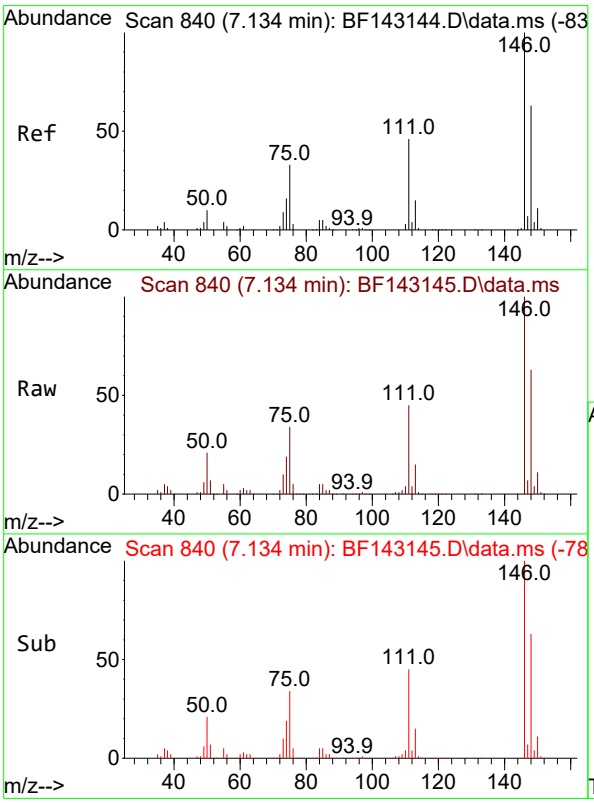
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.5	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

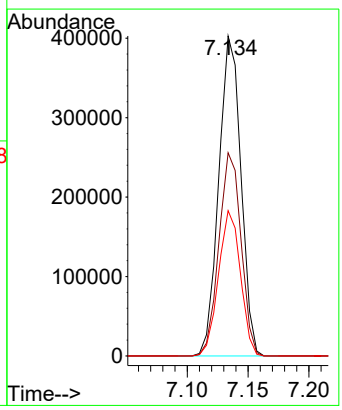
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

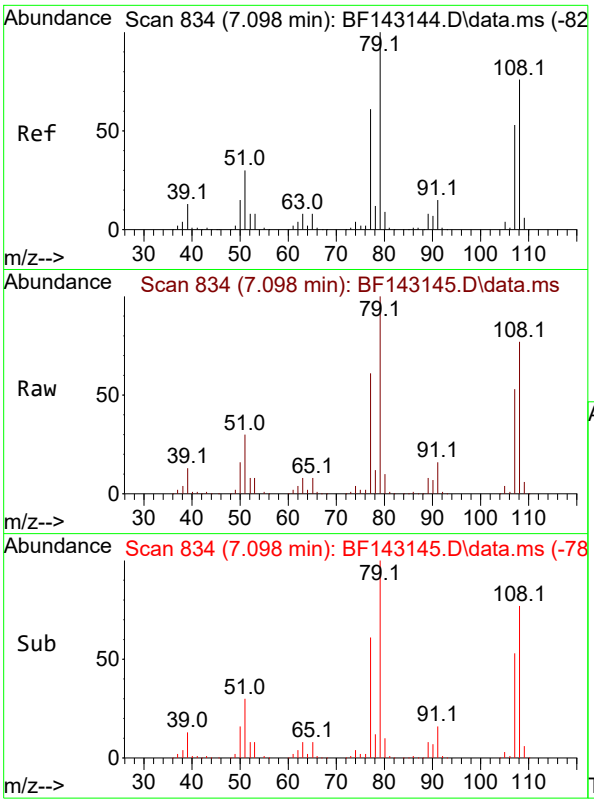


#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.4	36.6	54.8





#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

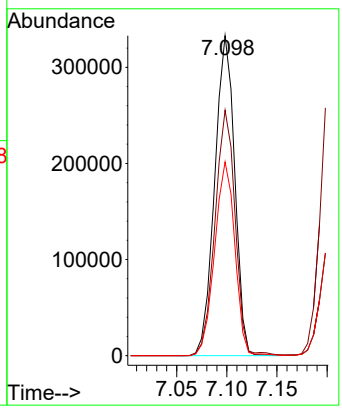
Tgt Ion: 79 Resp: 46137

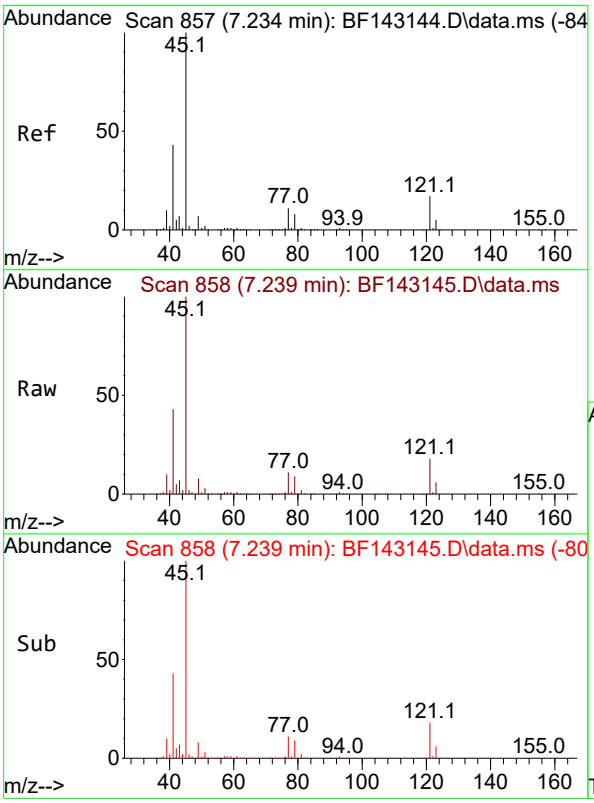
Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.6	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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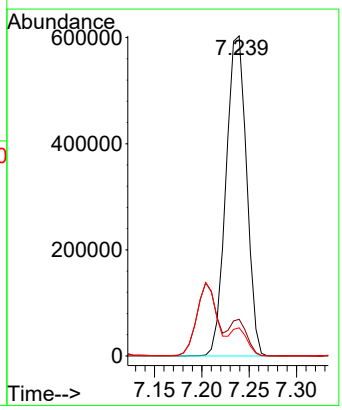


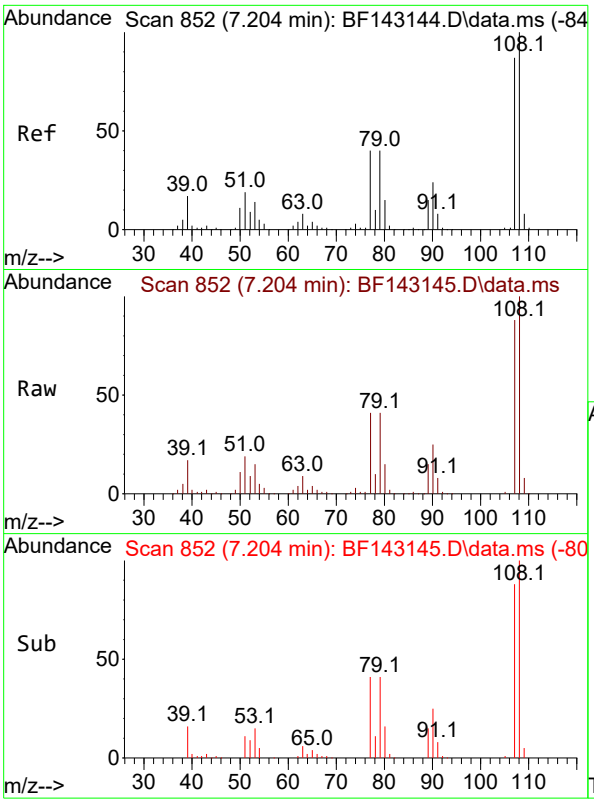


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5

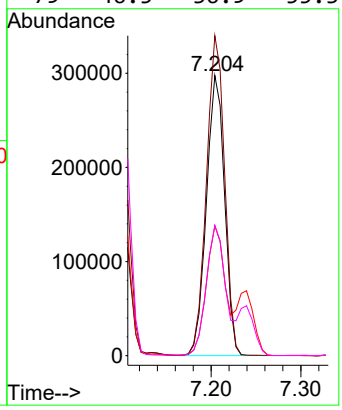




#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 41879

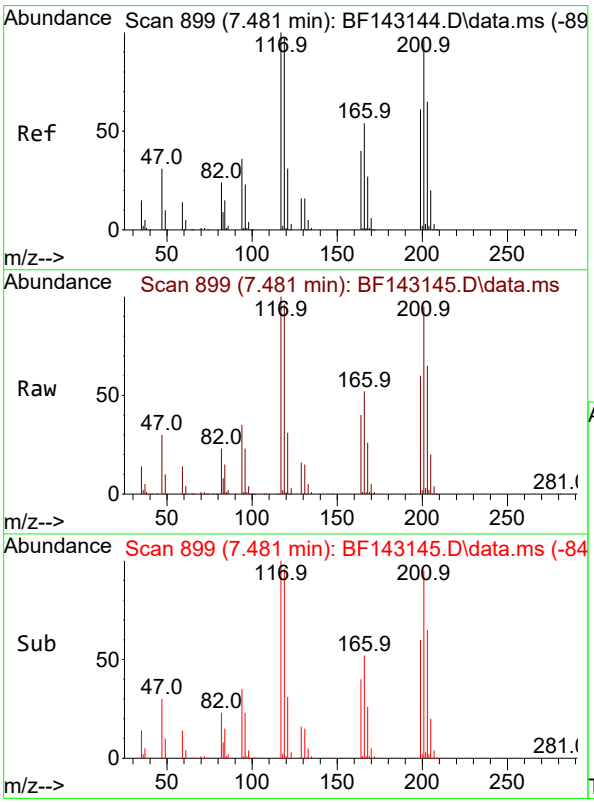
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	46.3	37.0	55.6
79	46.5	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

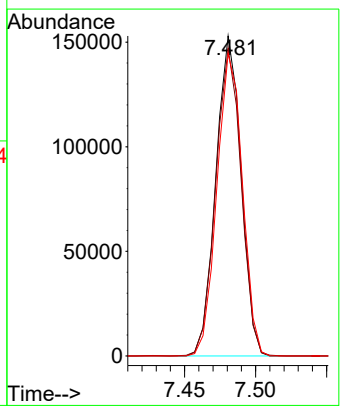
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

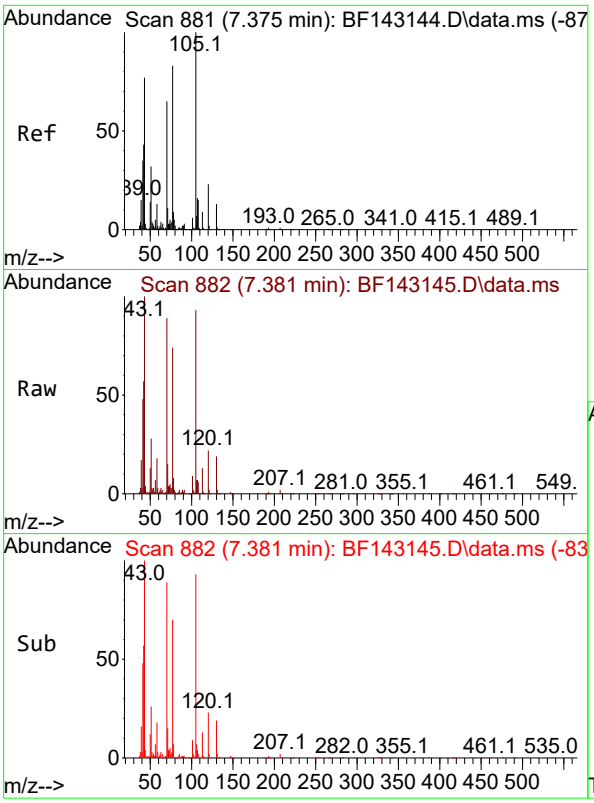


#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	94.5	77.0	115.4

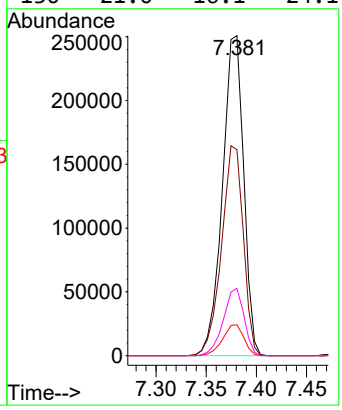




#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 70 Resp: 36936

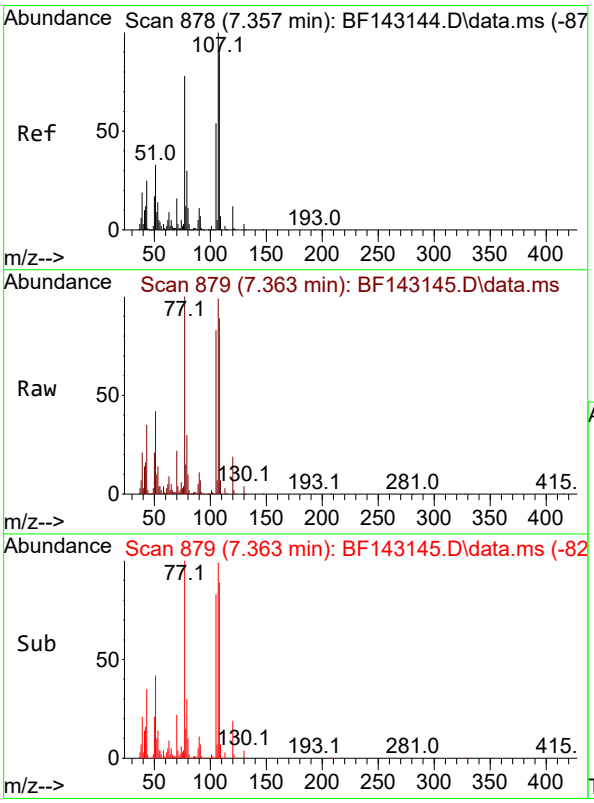
Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.7	7.6	11.4
130	21.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

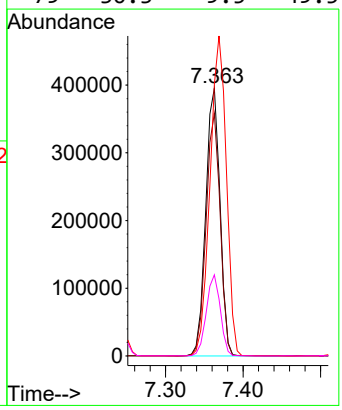
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

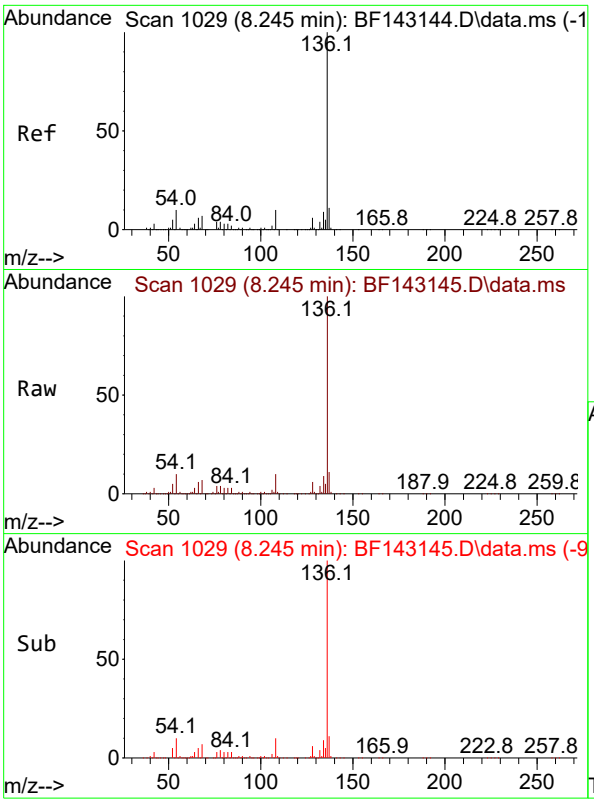


#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	101.5	57.8	97.8#
79	30.3	9.5	49.5

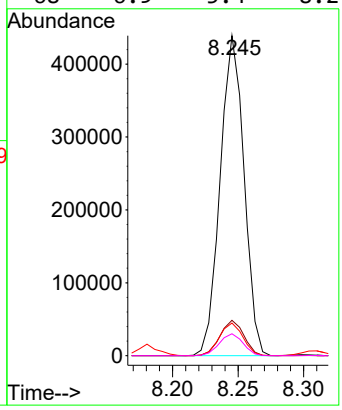




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:136 Resp: 55553

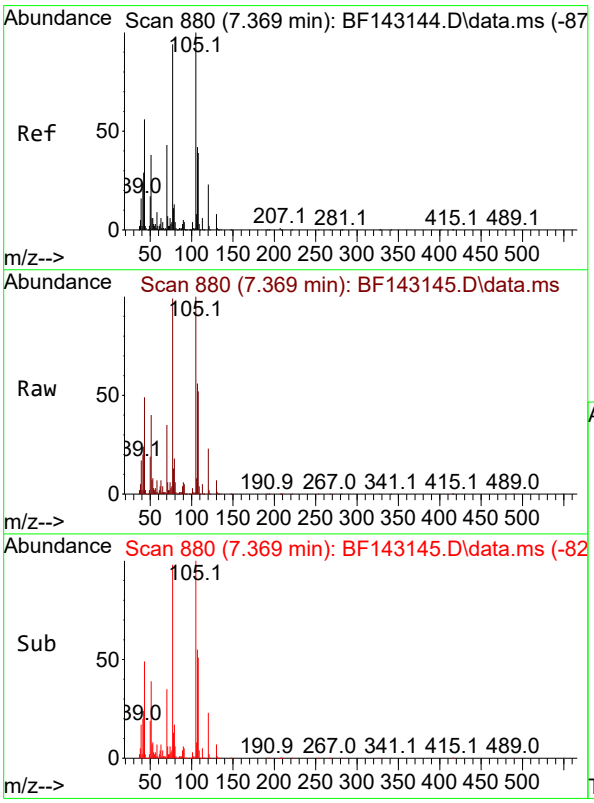
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

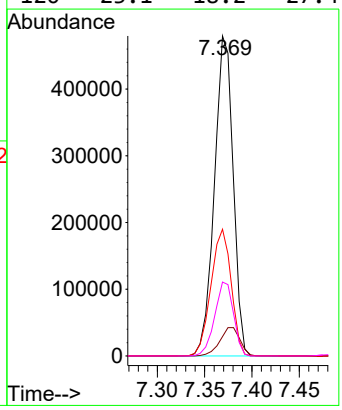
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

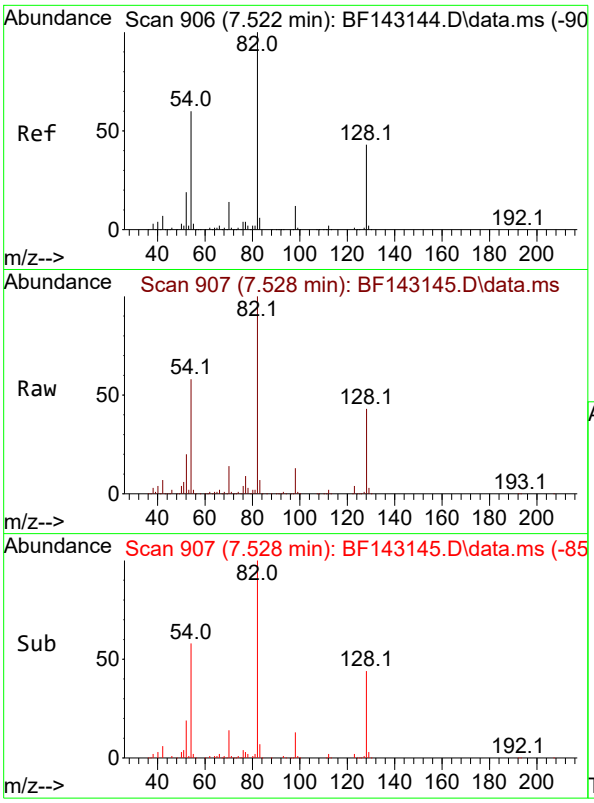


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	39.6	30.2	45.2
120	23.1	18.2	27.4





#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

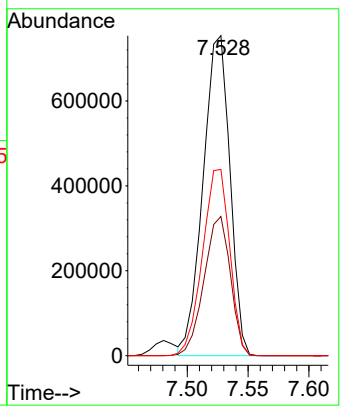
Tgt Ion: 82 Resp: 115849

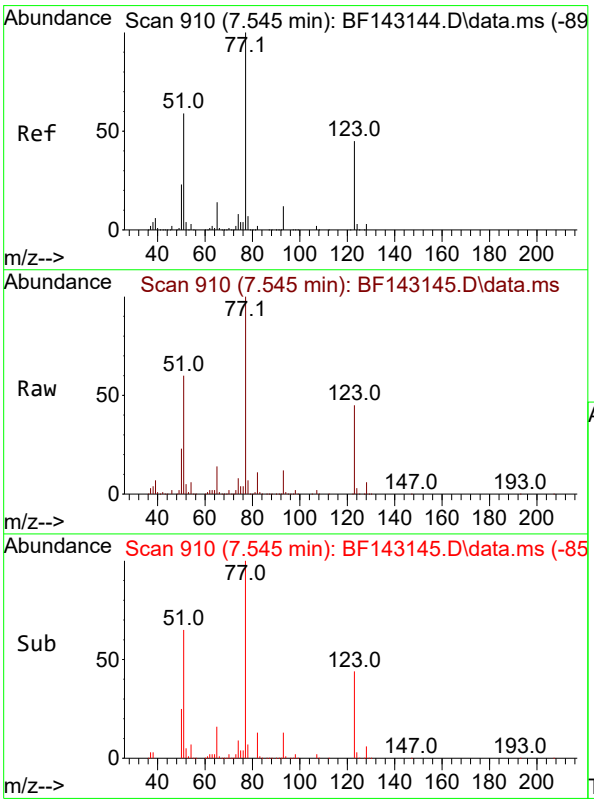
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.2	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

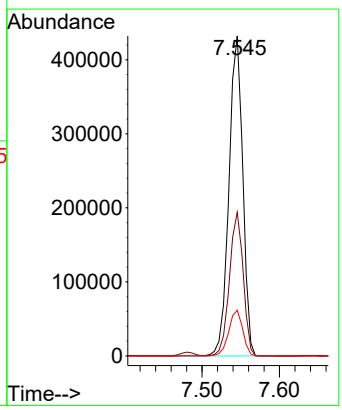


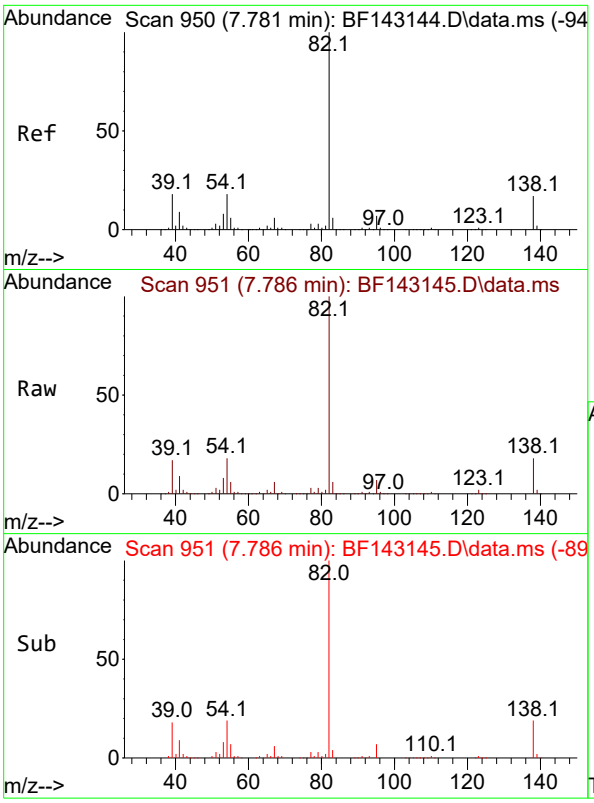


#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	14.3	11.4	17.2

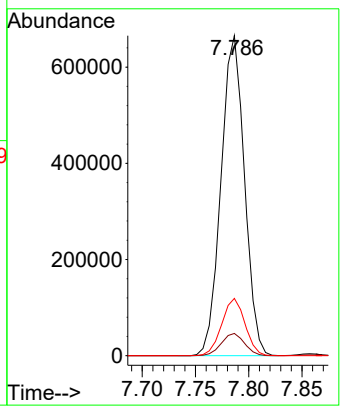




#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 101878

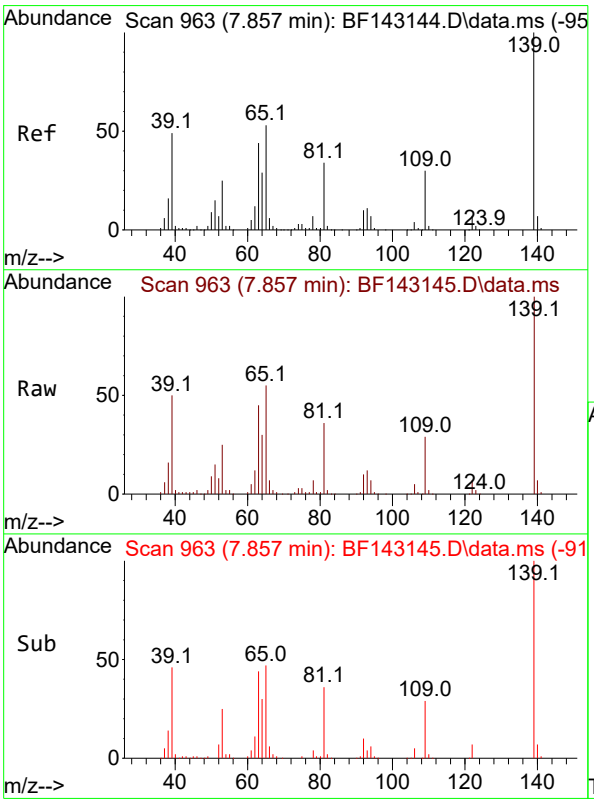
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

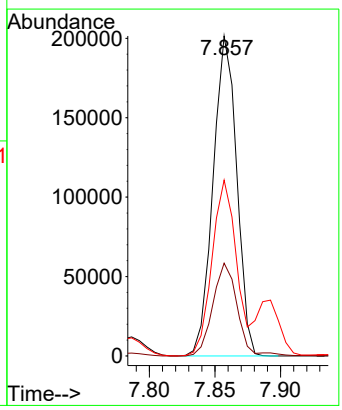
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

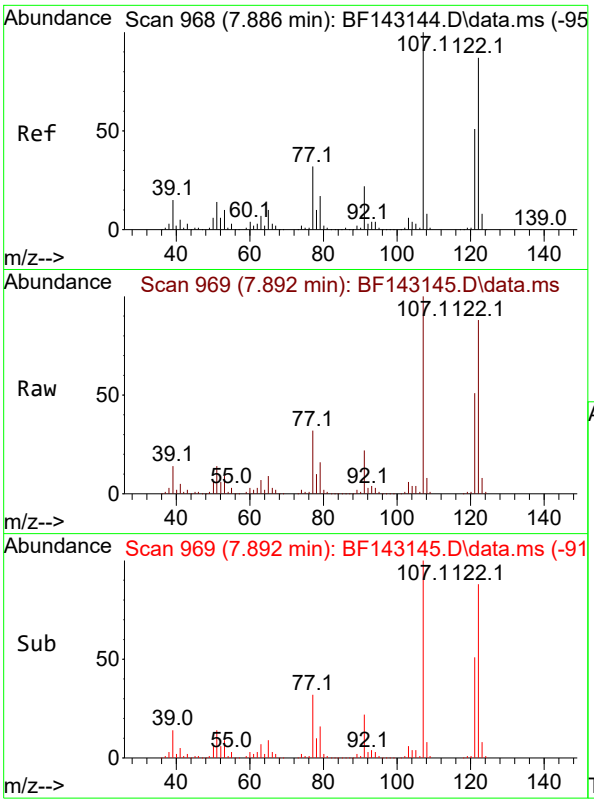


#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.0	42.6	64.0

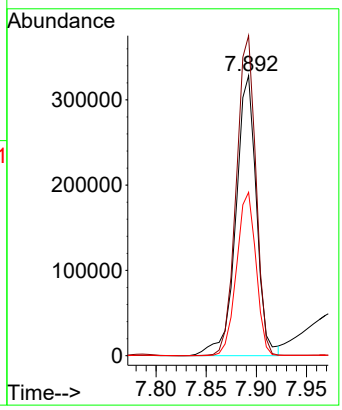




#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 46981

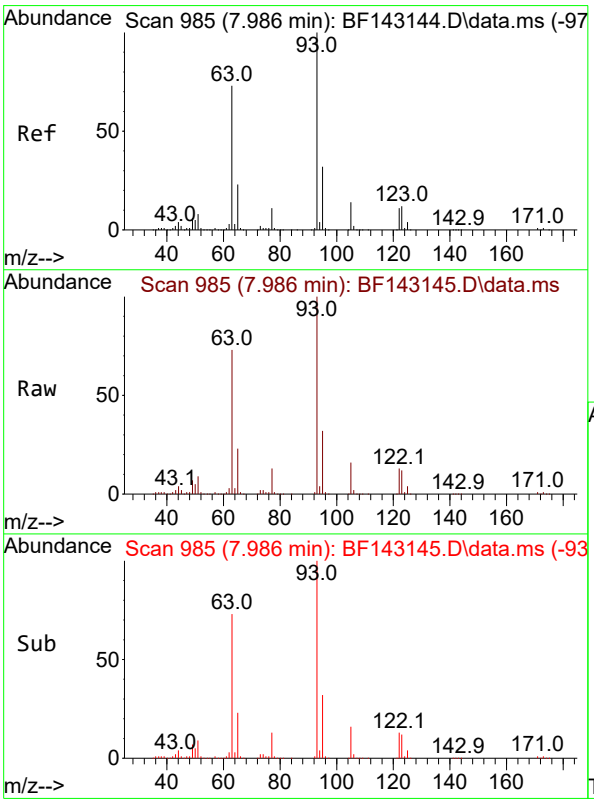
Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.6
121	58.4	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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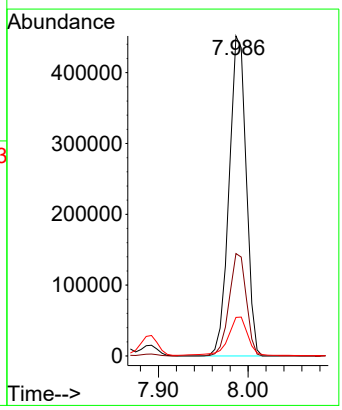
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

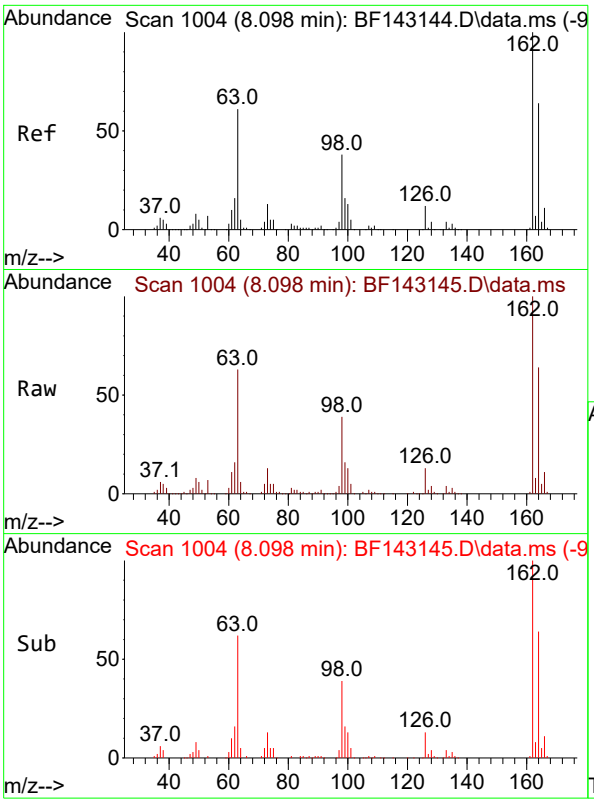


#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	12.1	9.7	14.5

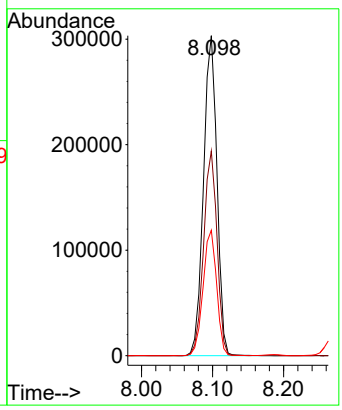




#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 40133

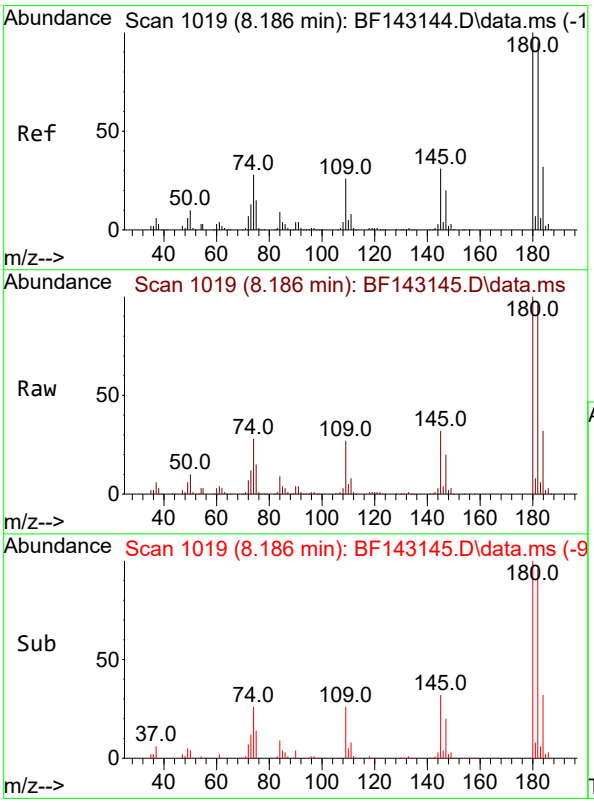
Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	39.2	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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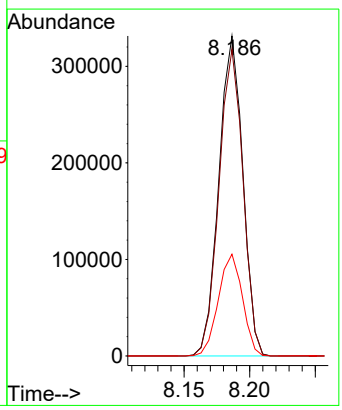
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

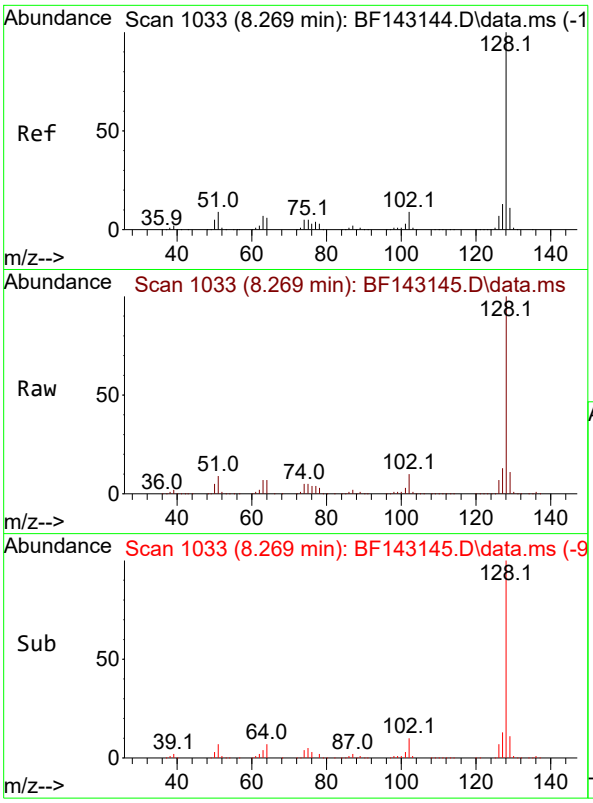


#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	31.8	25.0	37.6

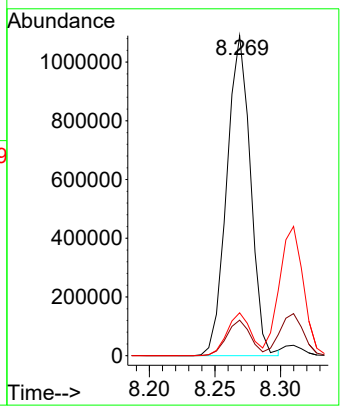




#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 136962

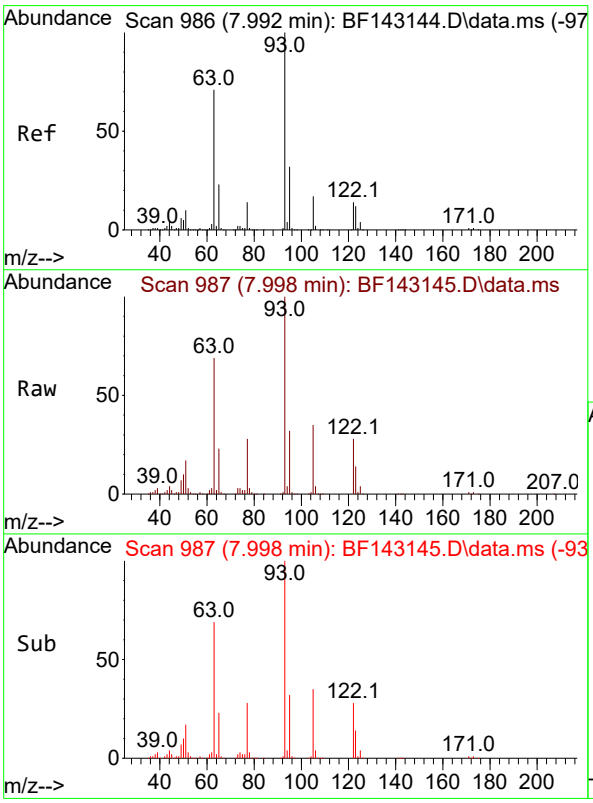
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

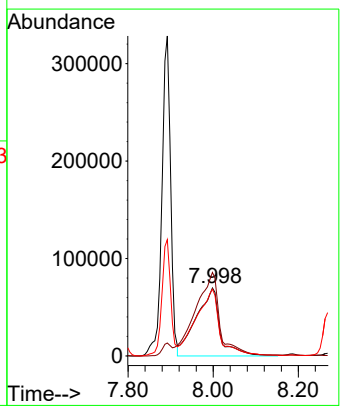
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

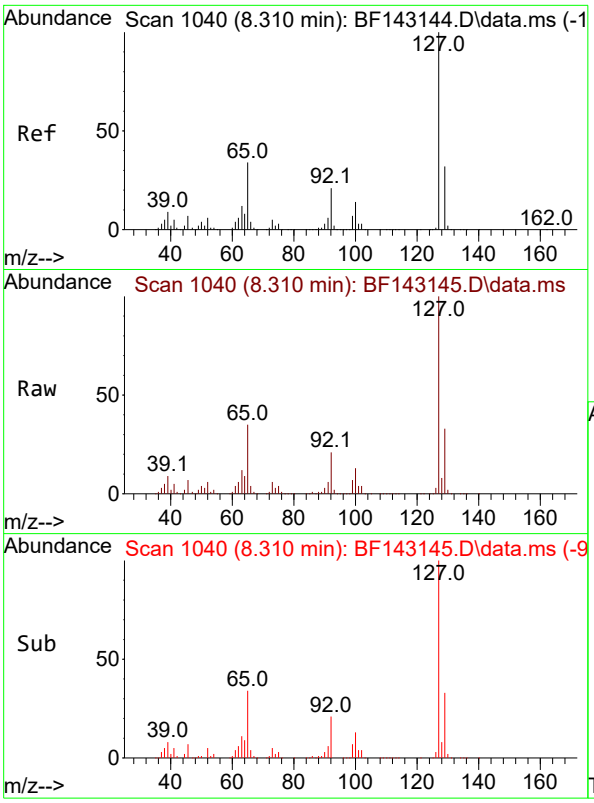


#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 273361

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.8	144.8
77	98.4	77.6	117.6

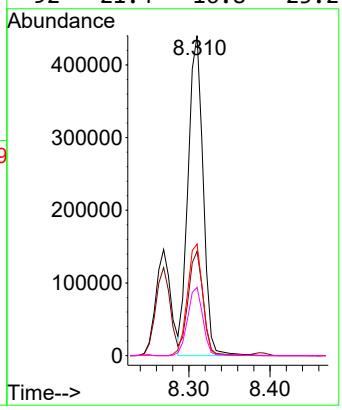




#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:127 Resp: 56642

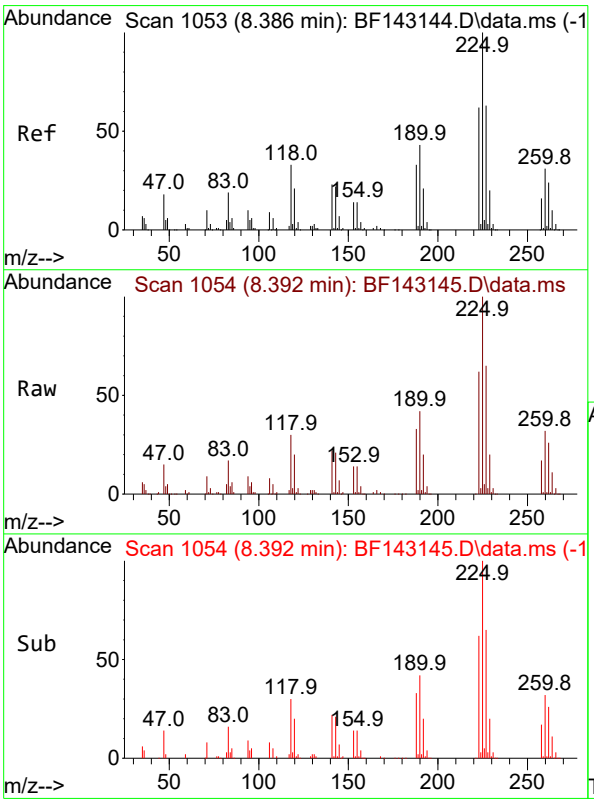
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.9	27.4	41.2
92	21.4	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

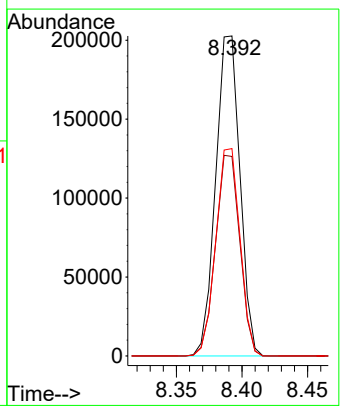
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

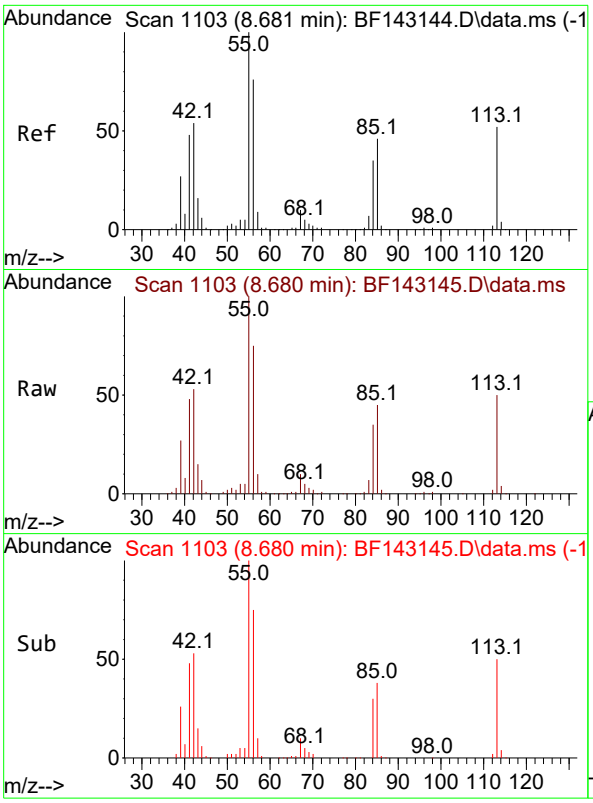


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.8	50.2	75.4

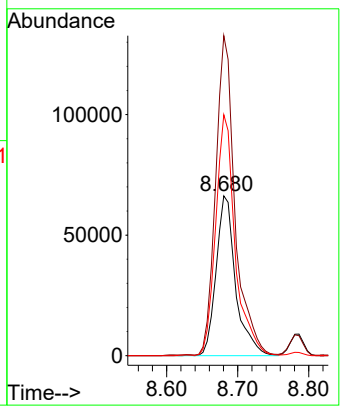




#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:113 Resp: 12605

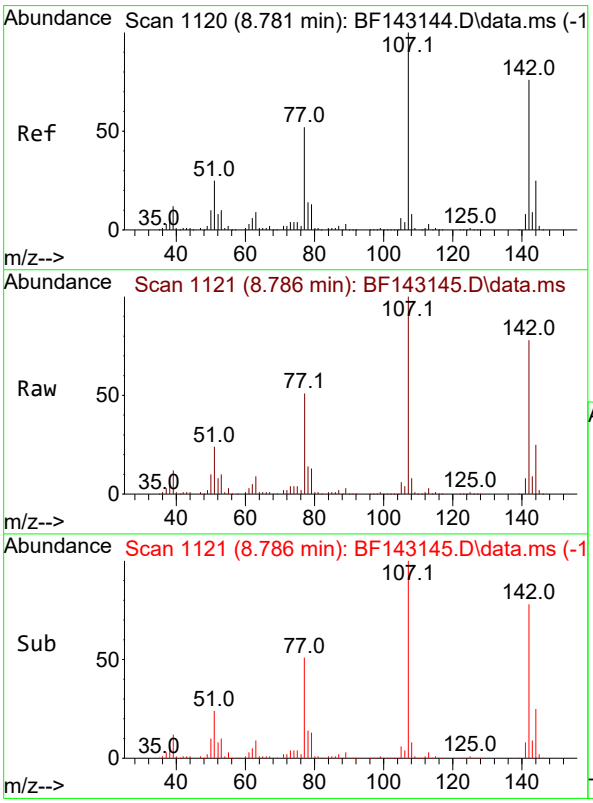
Ion	Ratio	Lower	Upper
113	100		
55	200.3	174.0	214.0
56	150.8	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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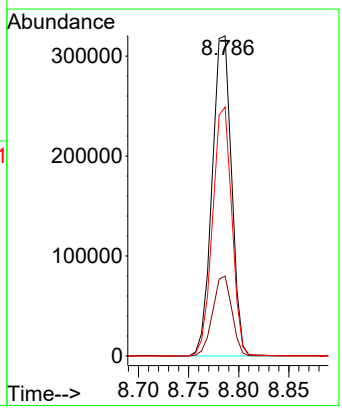
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

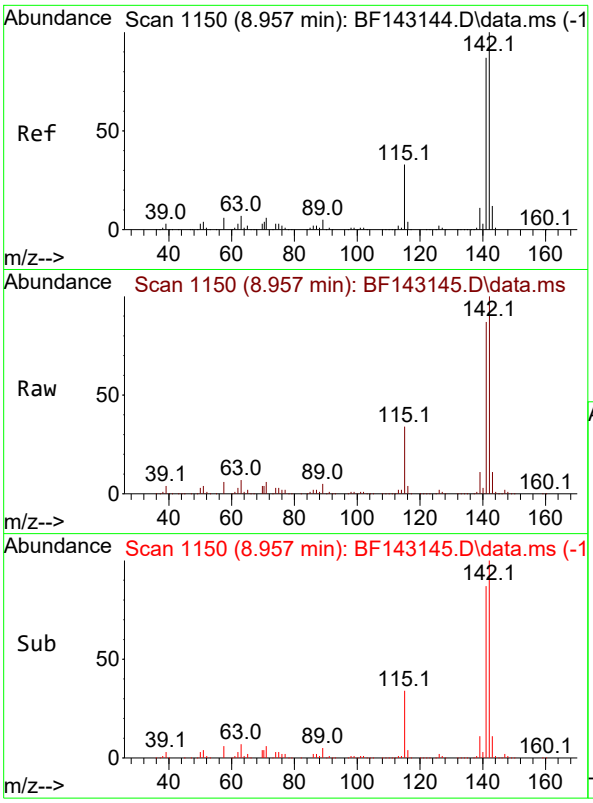


#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	60.6	90.8

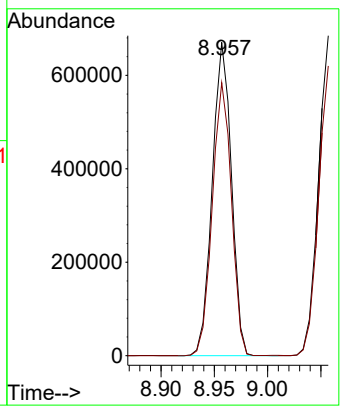




#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 83782

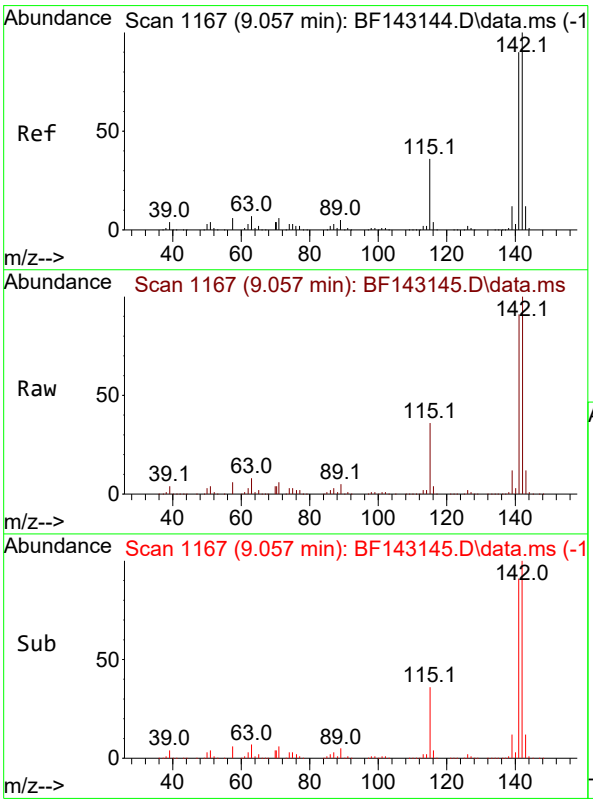
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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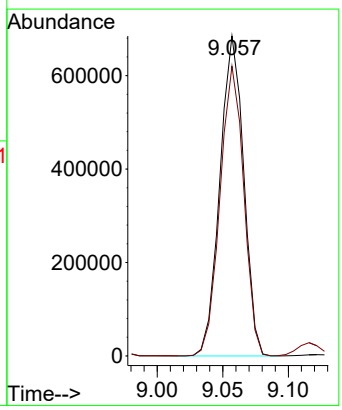
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

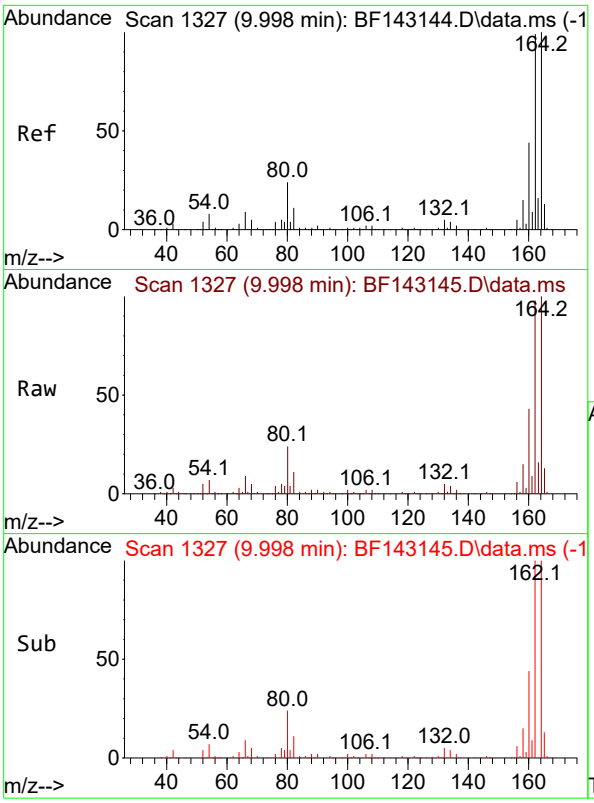


#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5

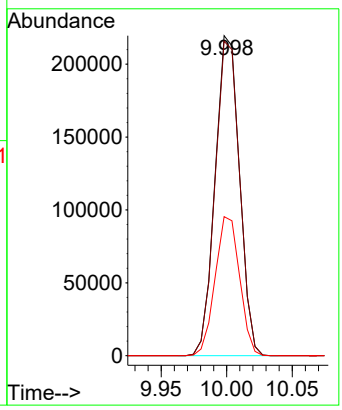




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:164 Resp: 28365

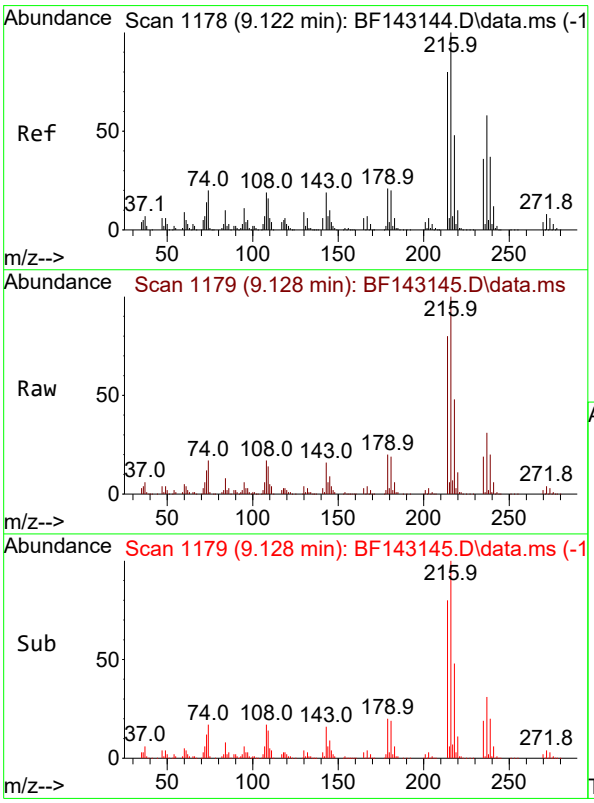
Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	43.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

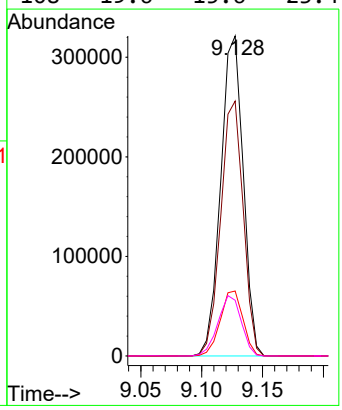
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

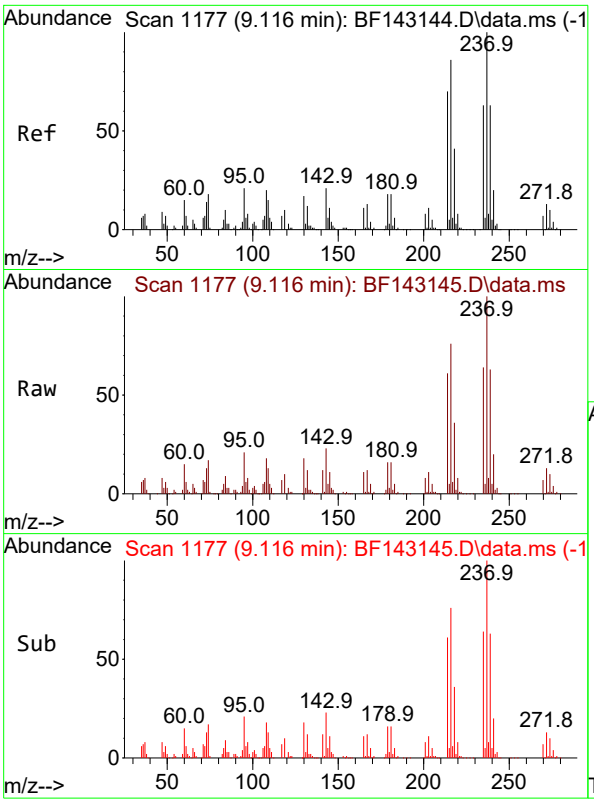


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

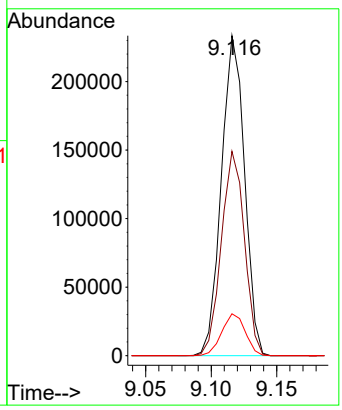
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

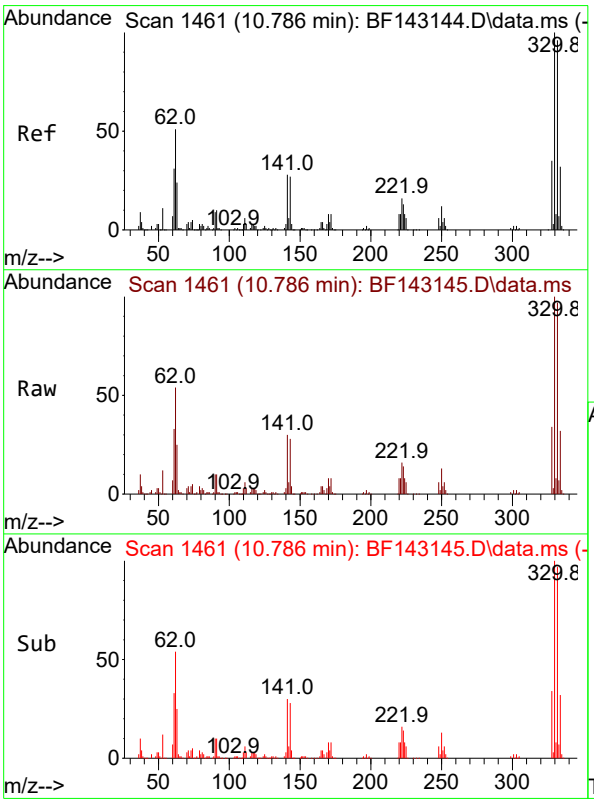
Tgt Ion:237 Resp: 28680

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.0	83.0
272	13.1	0.0	33.3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

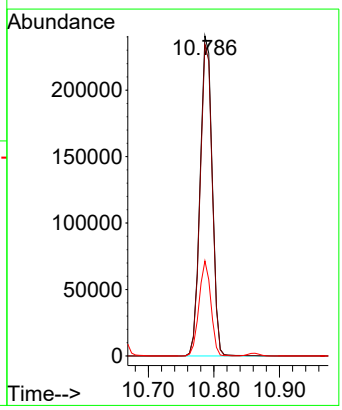


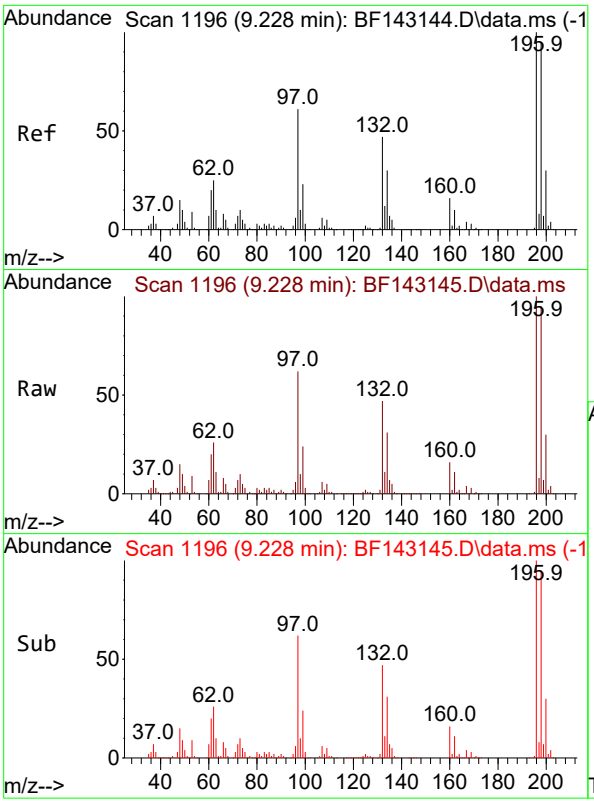


#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	29.0	23.3	34.9

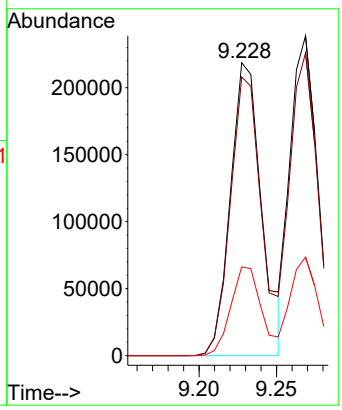




#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 30446

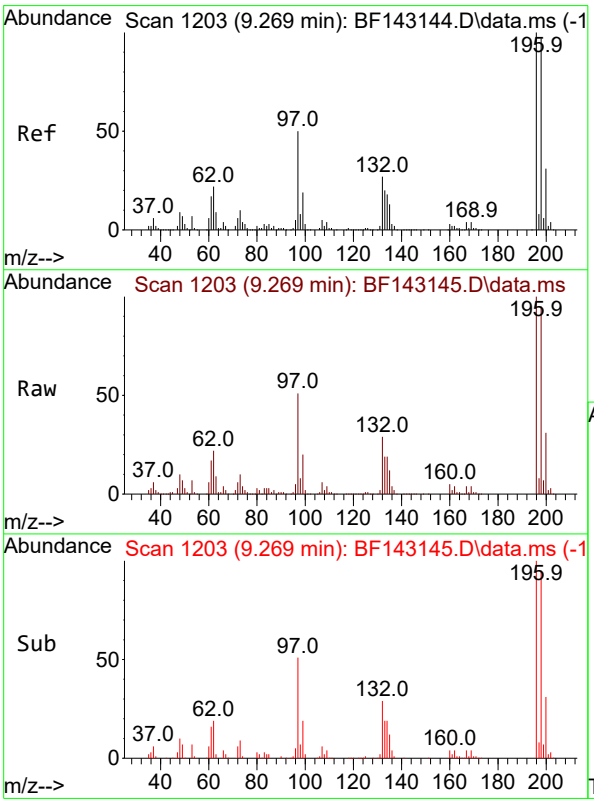
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.3	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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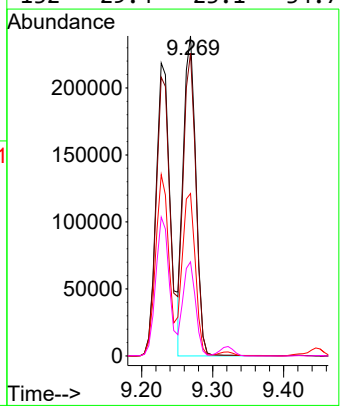
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

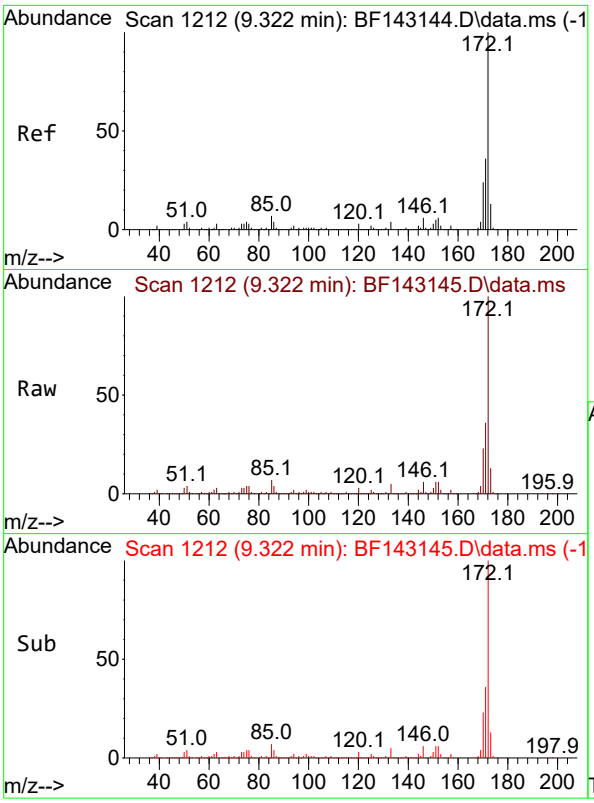


#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	50.8	40.3	60.5
132	29.4	23.1	34.7

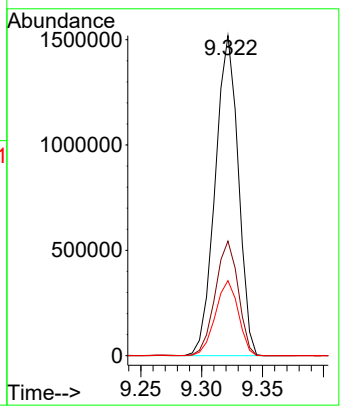




#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:172 Resp: 200589

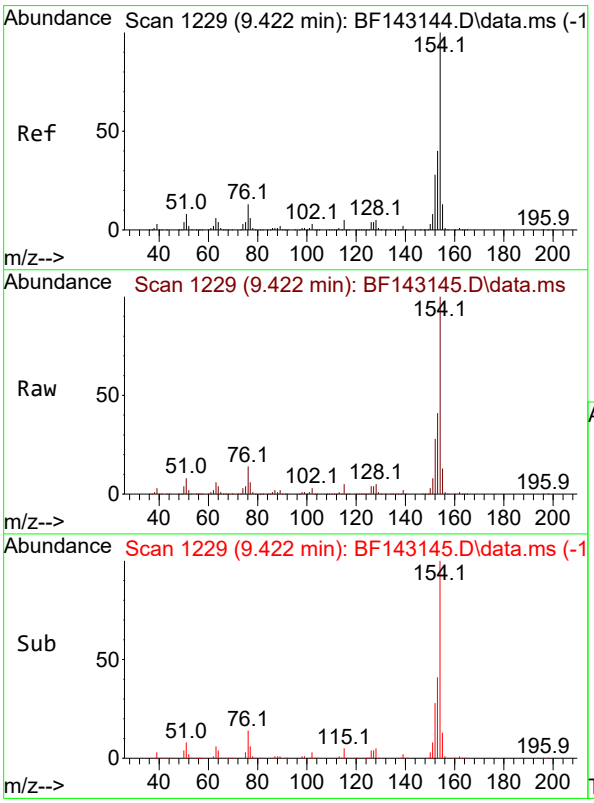
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

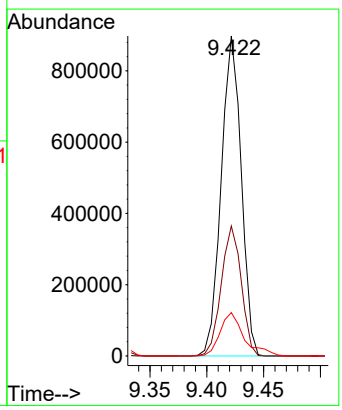
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

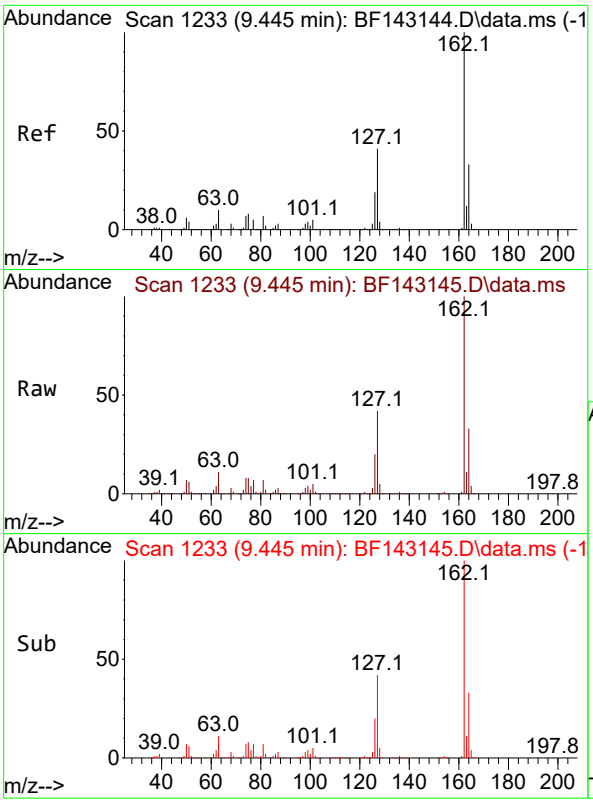


#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.5	0.0	33.3

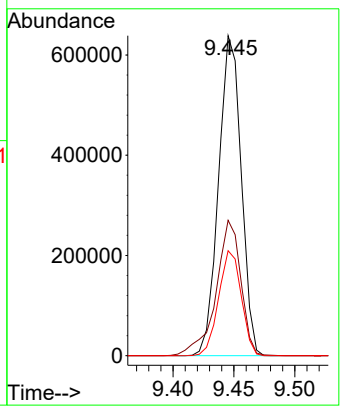




#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 82674

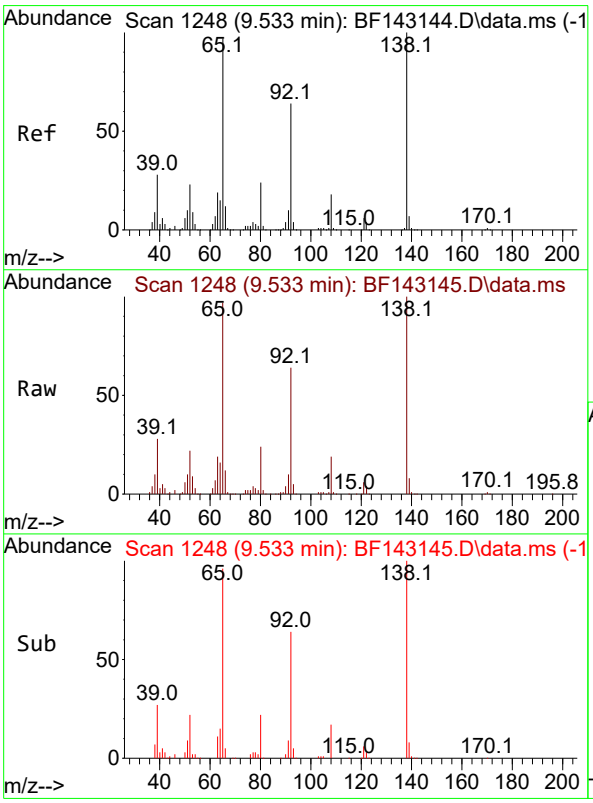
Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

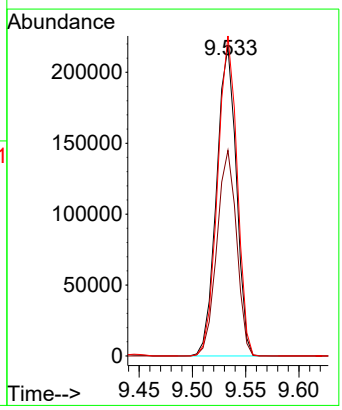
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

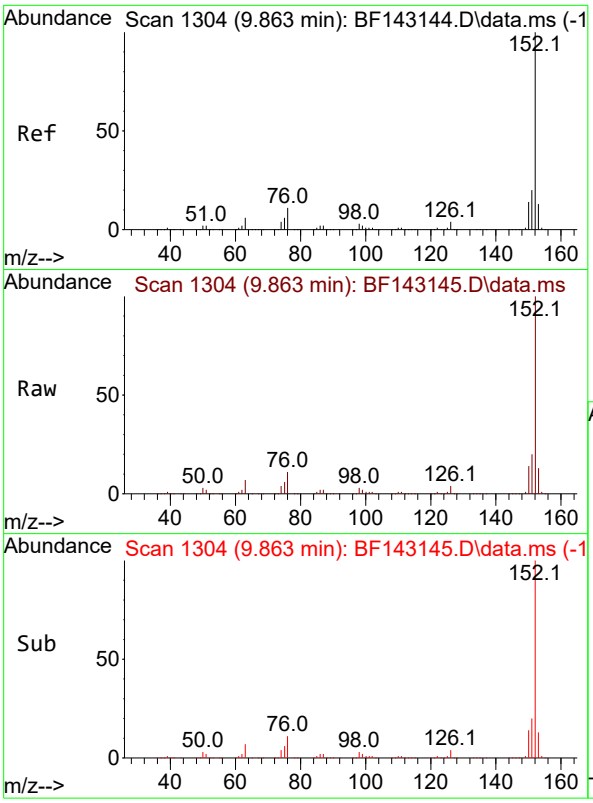


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.4	78.6
138	103.5	82.3	123.5

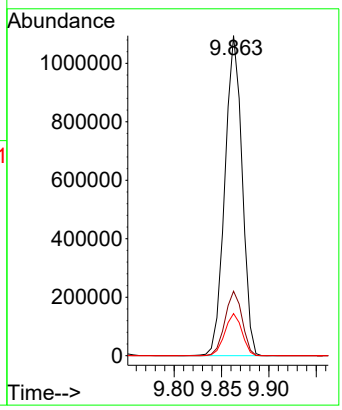




#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 138872

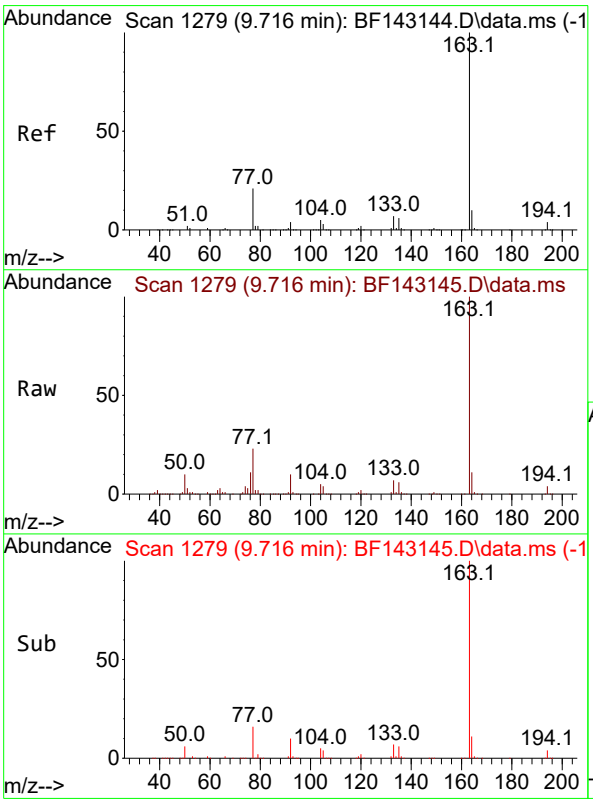
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

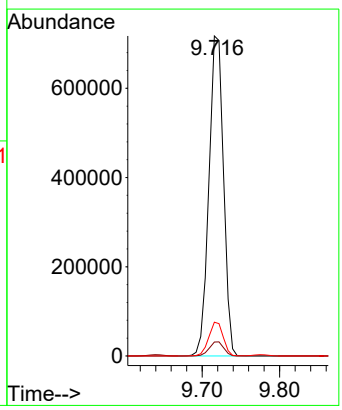
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

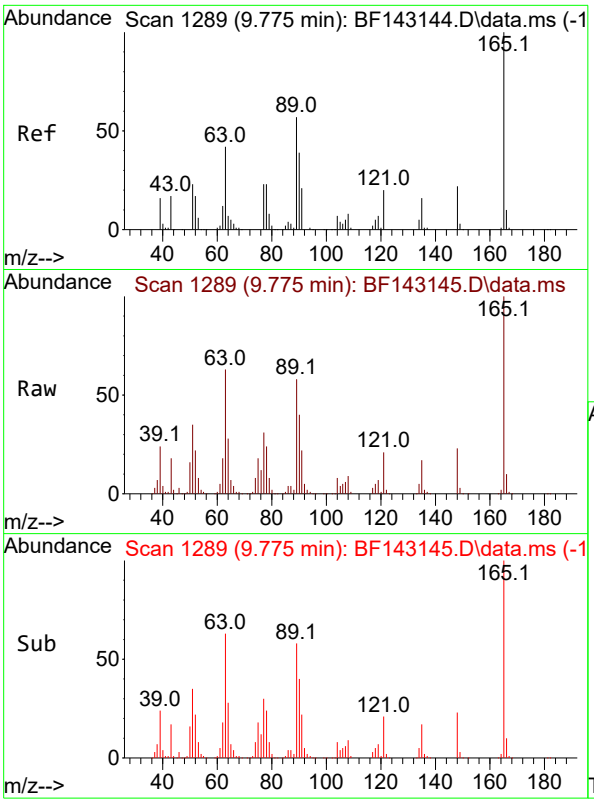


#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5

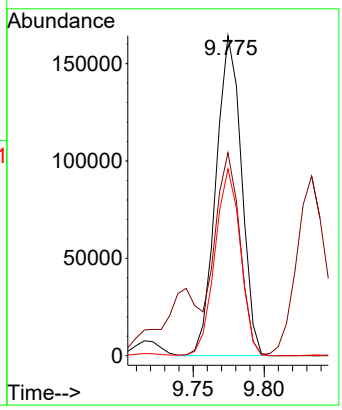




#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 20514

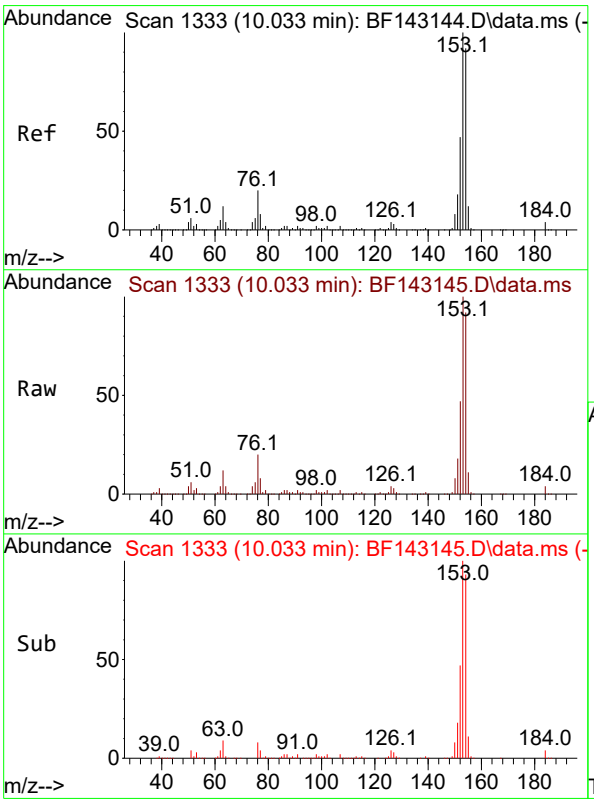
Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	58.4	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

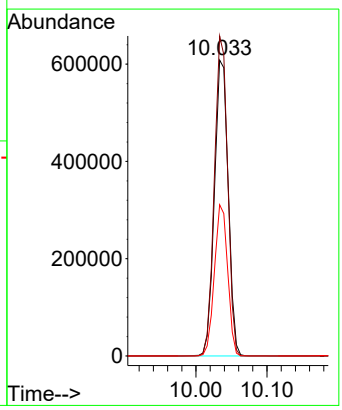
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

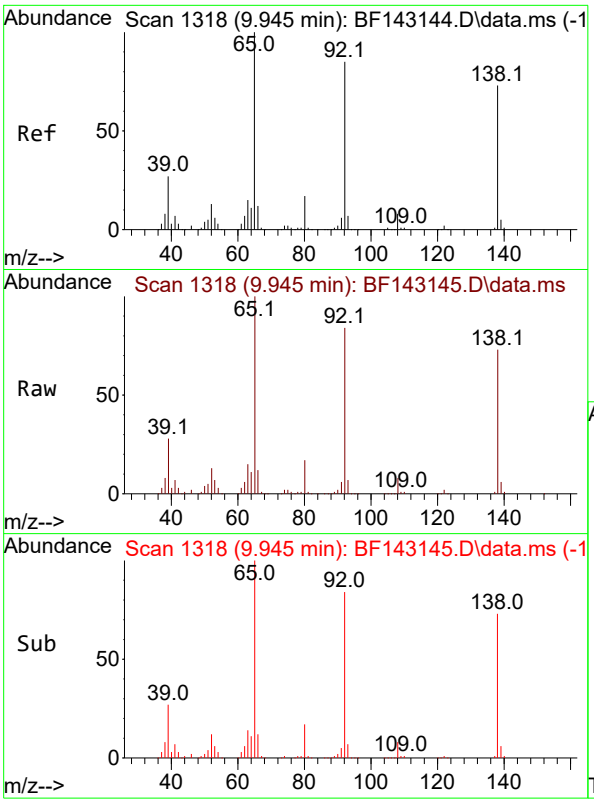


#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	51.1	40.4	60.6

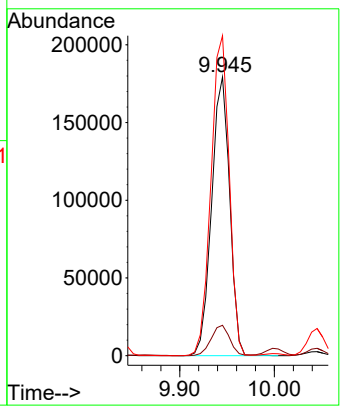




#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 23695

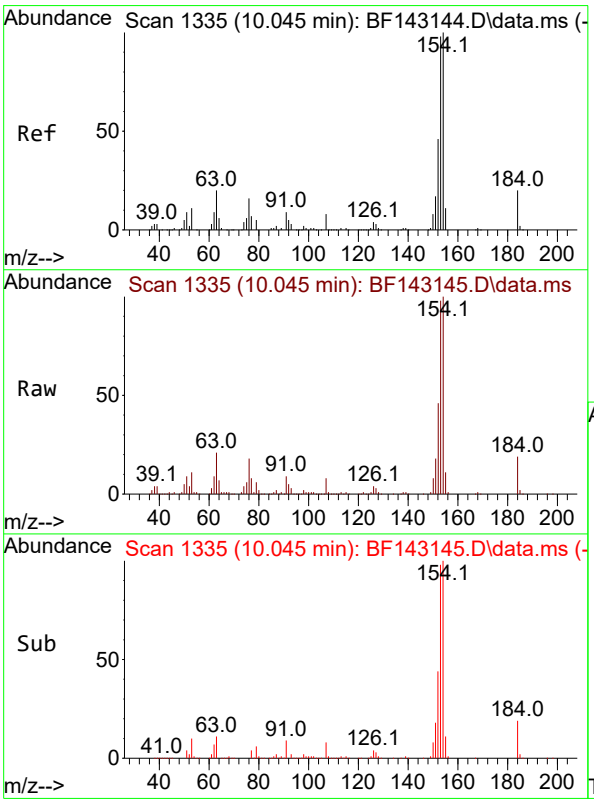
Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.8	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

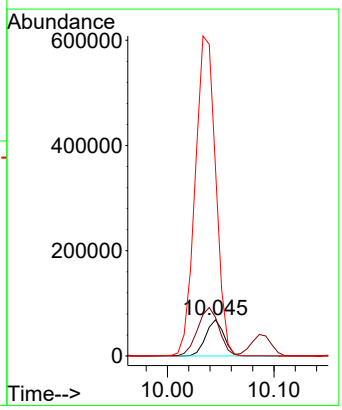
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

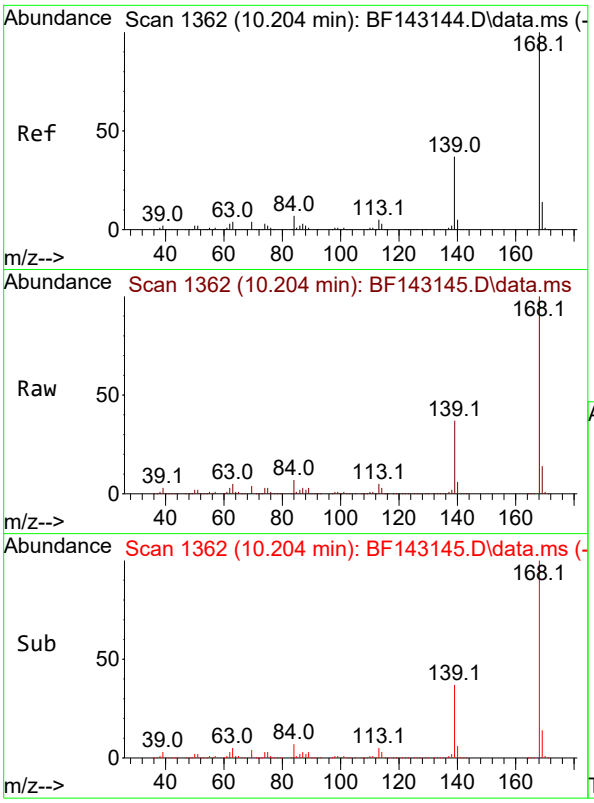


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

Ion	Ratio	Lower	Upper
184	100		
63	106.9	81.8	122.6
154	519.2	412.2	618.4

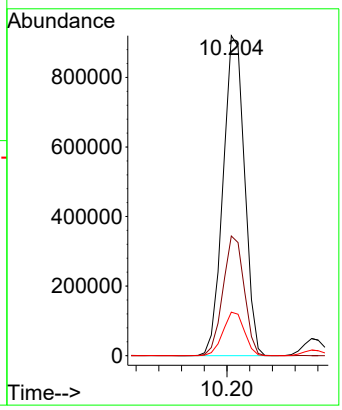




#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:168 Resp: 120408

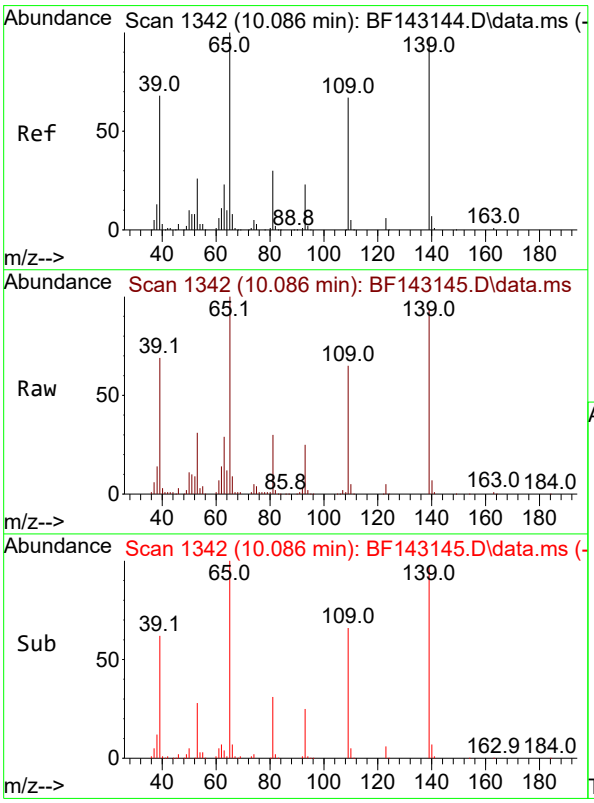
Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

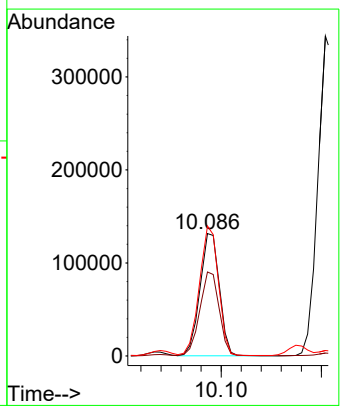
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

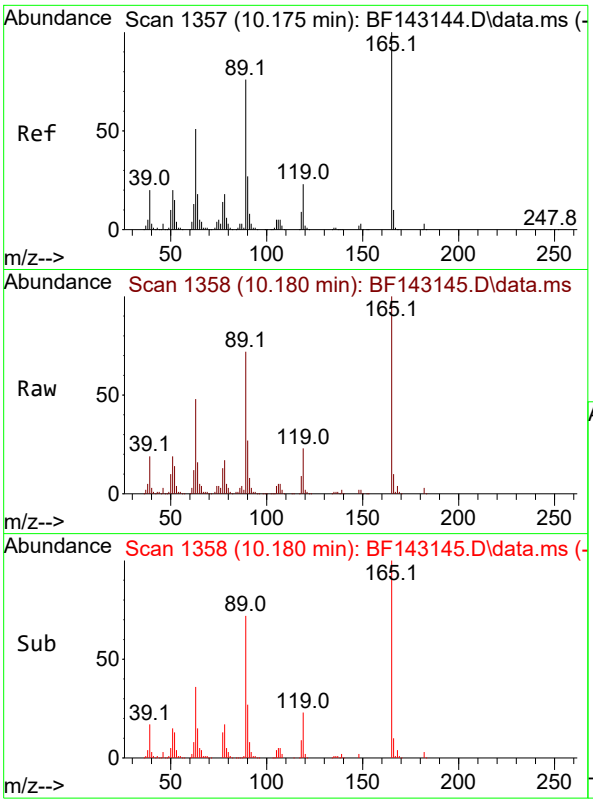


#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	106.2	83.4	123.4

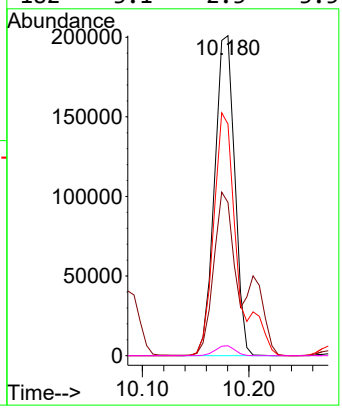




#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 26404

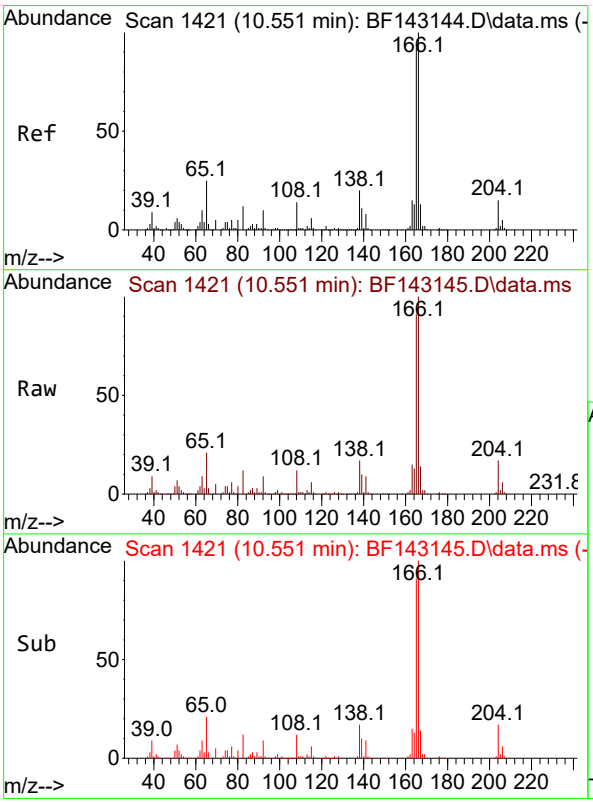
Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	72.4	61.1	91.7
182	3.1	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

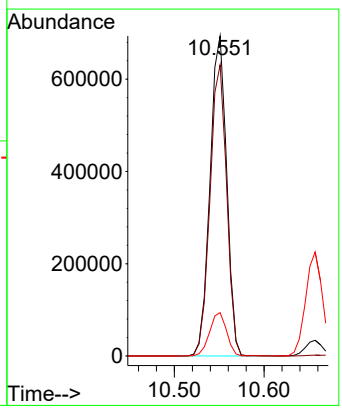
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

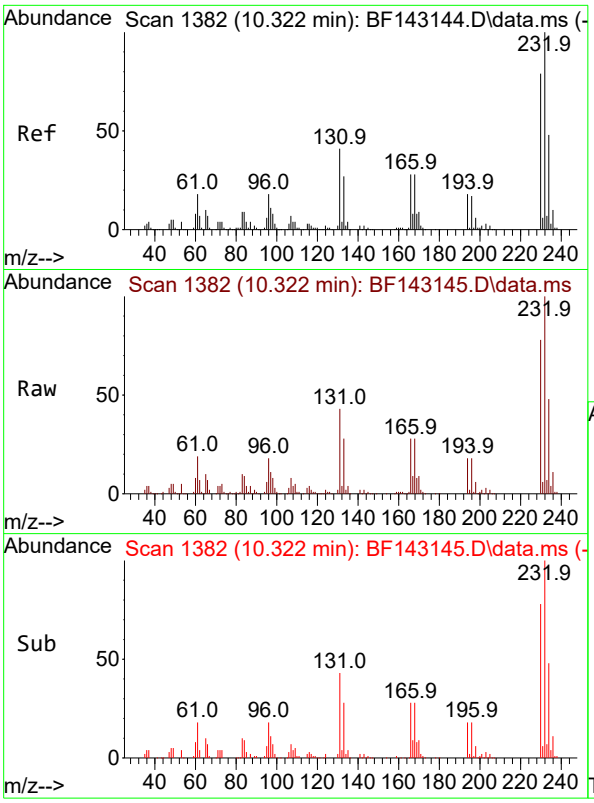


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.7	110.5
167	13.6	10.6	16.0

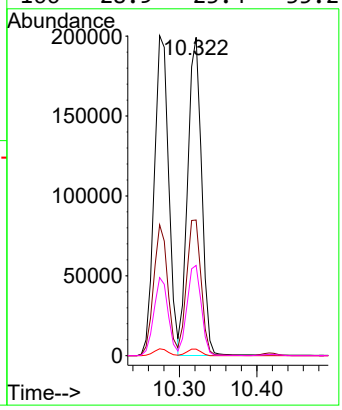




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:232 Resp: 24874

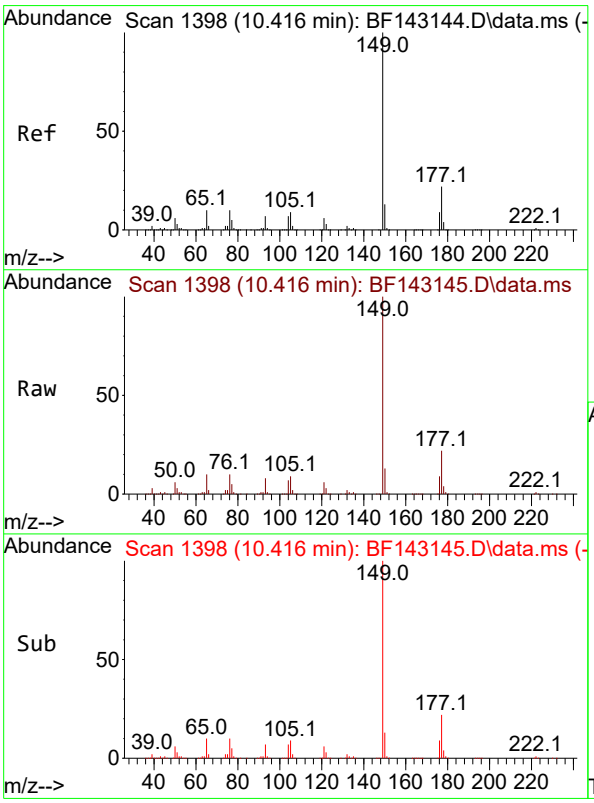
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

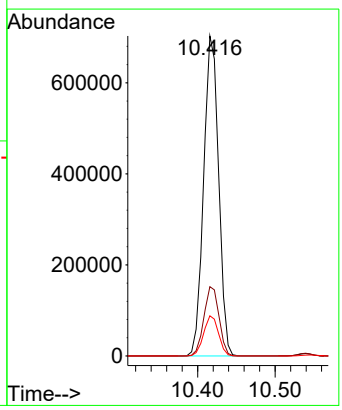
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

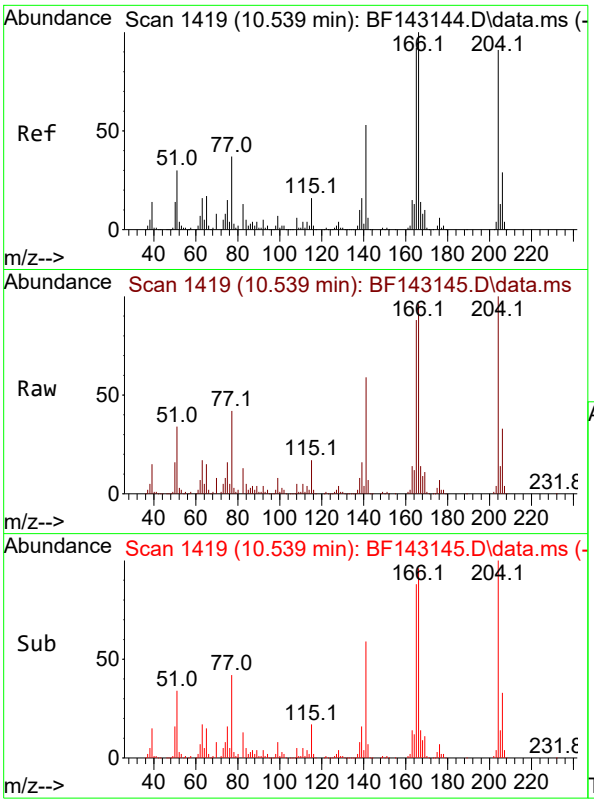


#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.6	10.2	15.2

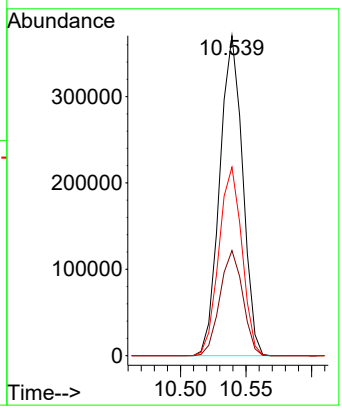




#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:204 Resp: 44916

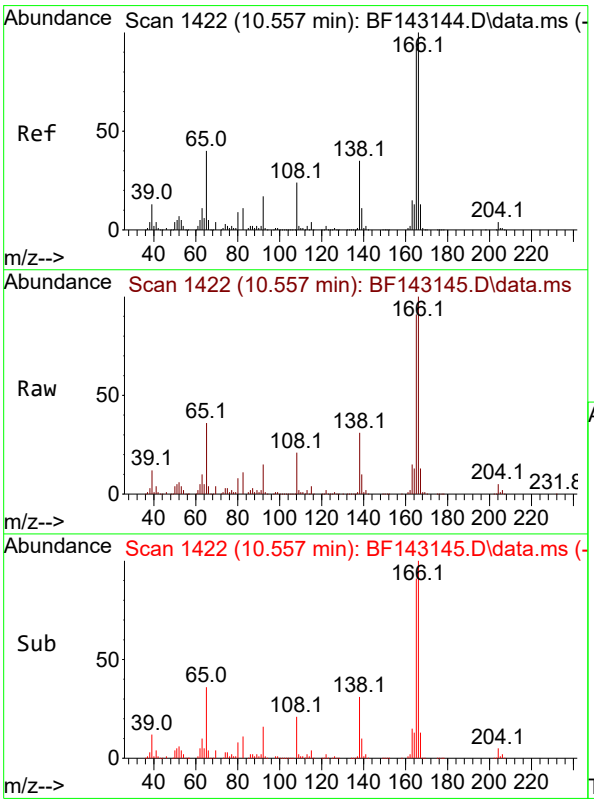
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	58.9	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

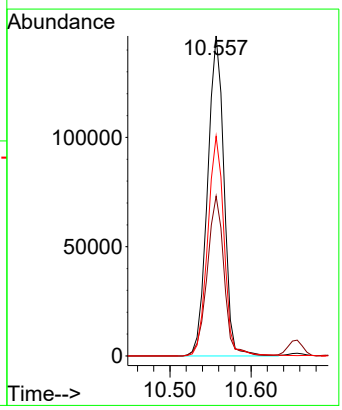
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

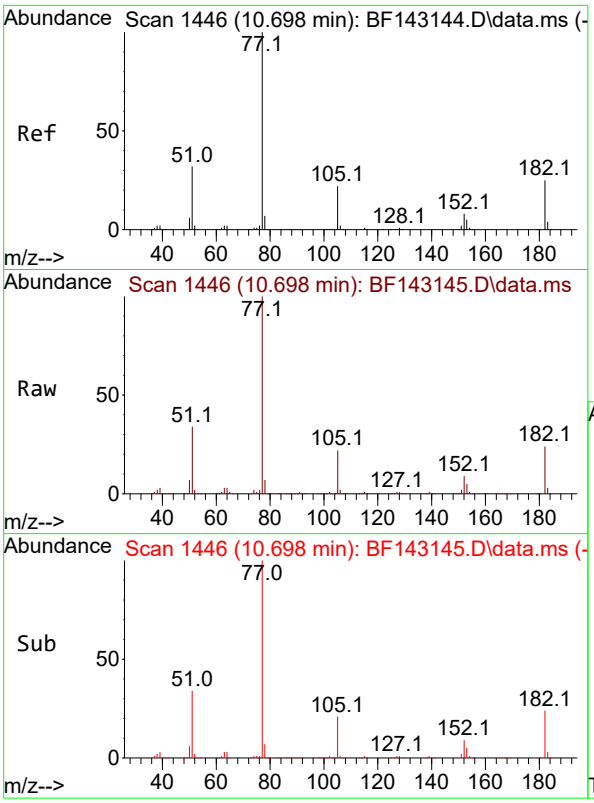


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	68.7	48.3	88.3

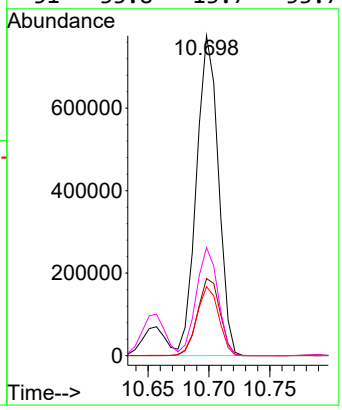




#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 96693

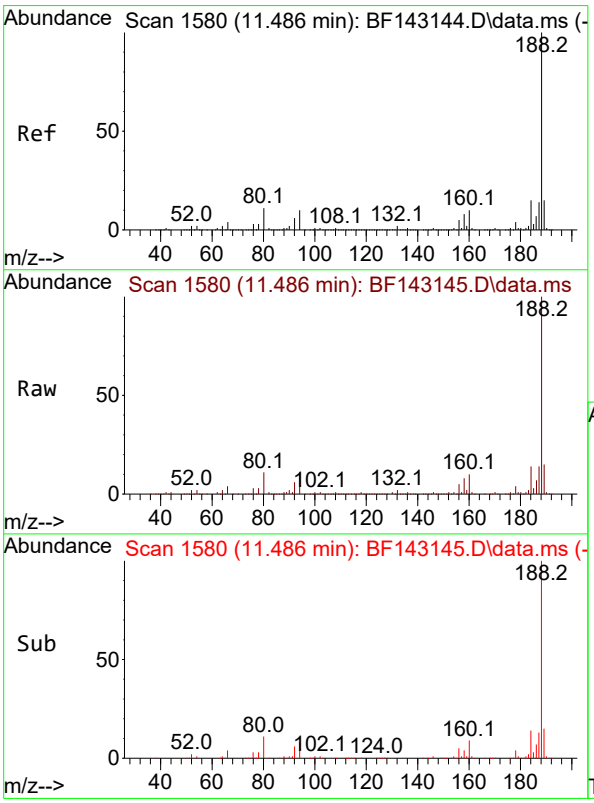
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.6	1.4	41.4
51	33.8	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

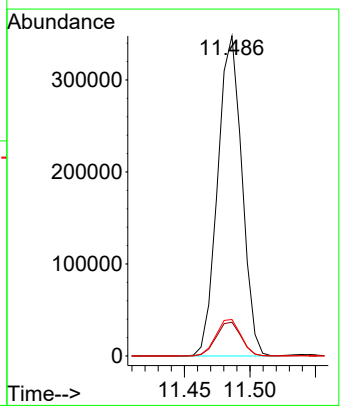
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

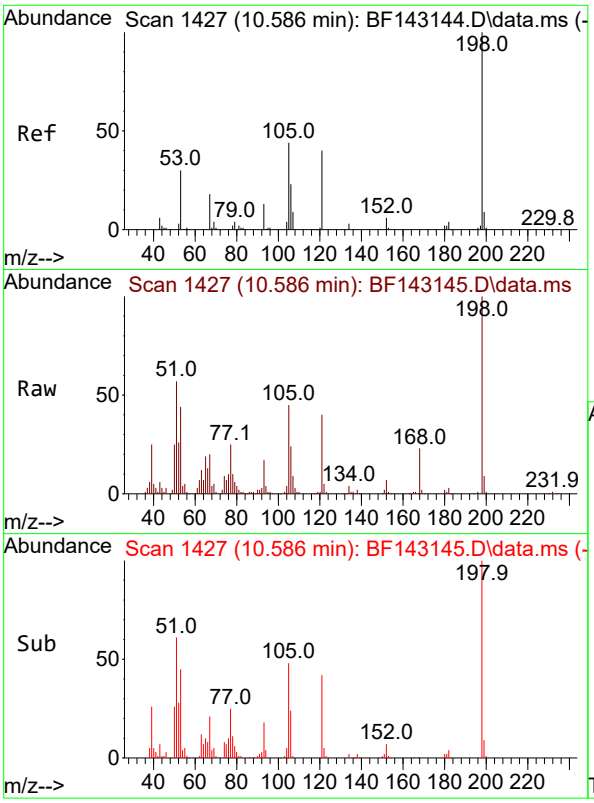


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

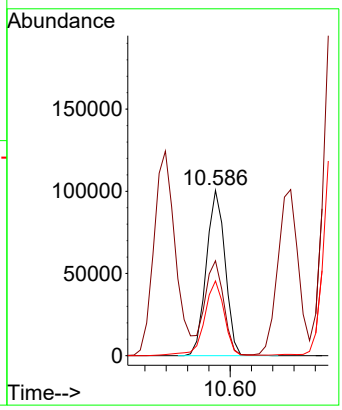
Tgt Ion:198 Resp: 12287

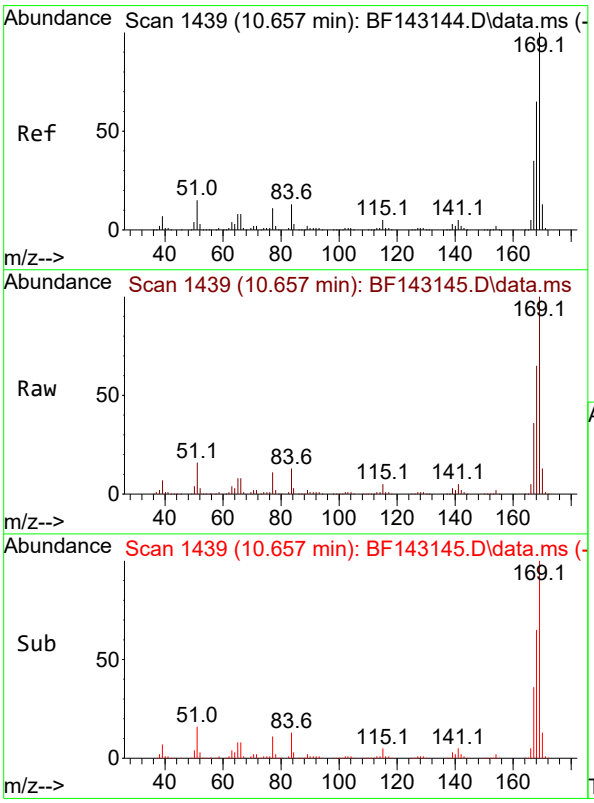
Ion	Ratio	Lower	Upper
198	100		
51	57.3	37.2	77.2
105	45.1	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

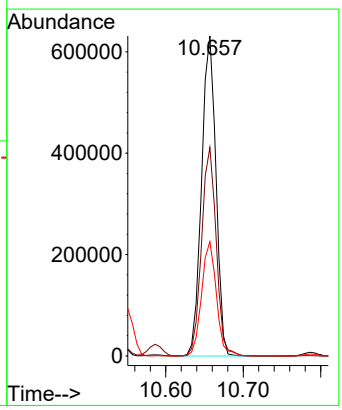


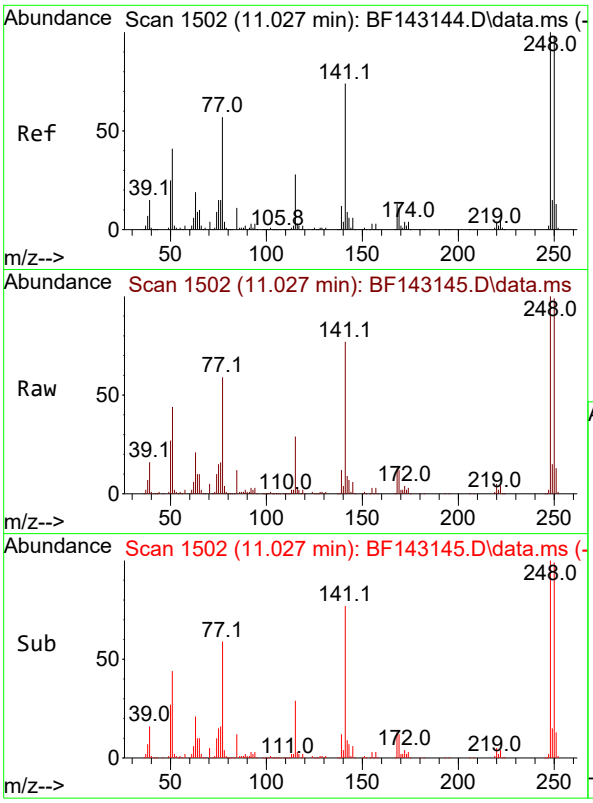


#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.7	28.2	42.2

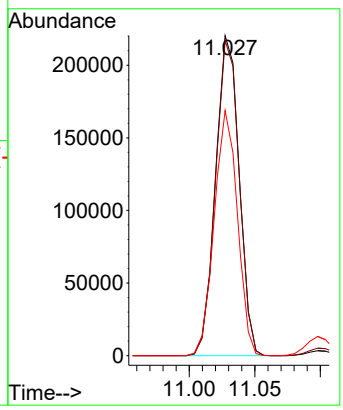




#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:248 Resp: 27567

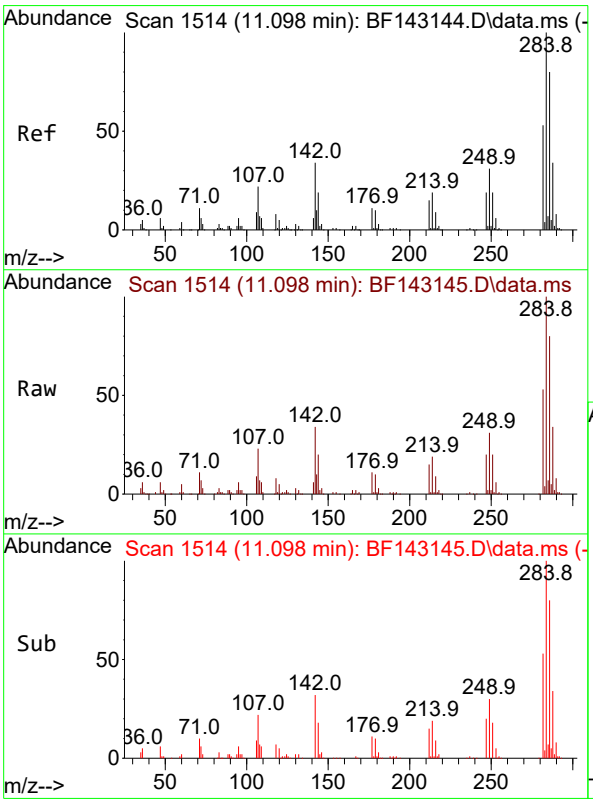
Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	76.6	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

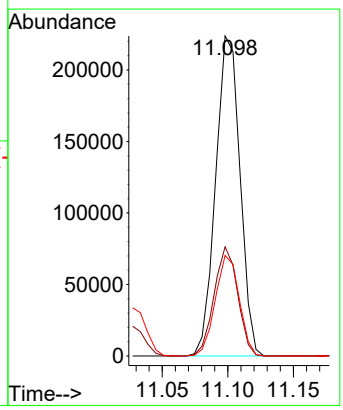
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

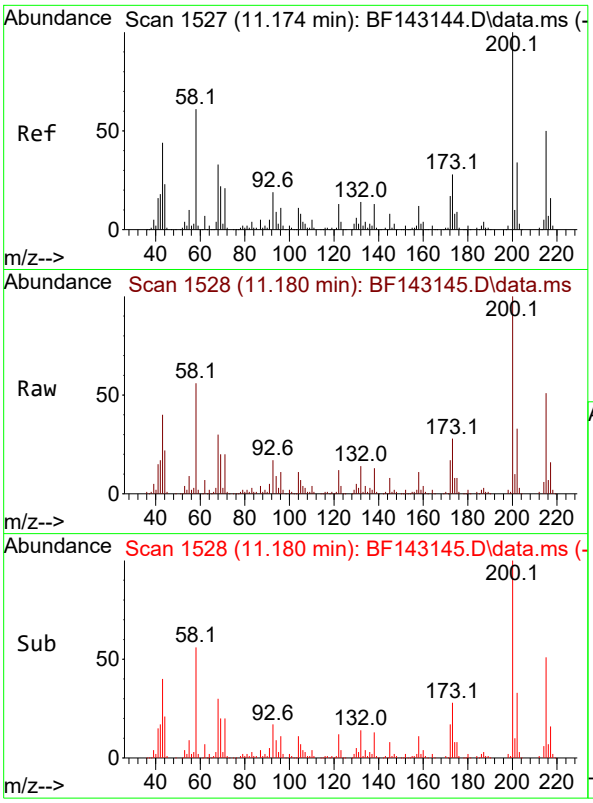


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	31.4	25.0	37.6

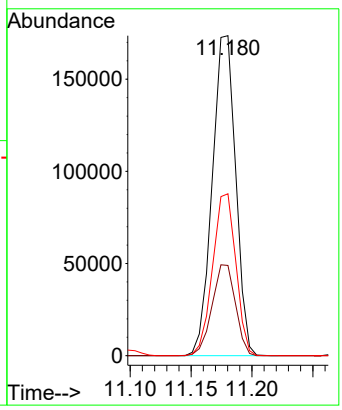




#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:200 Resp: 23290

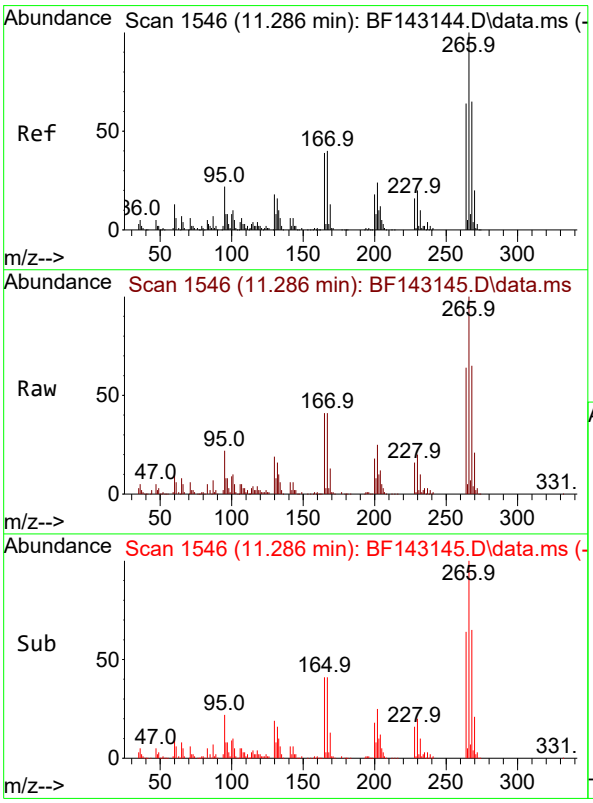
Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.9	47.9
215	50.6	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

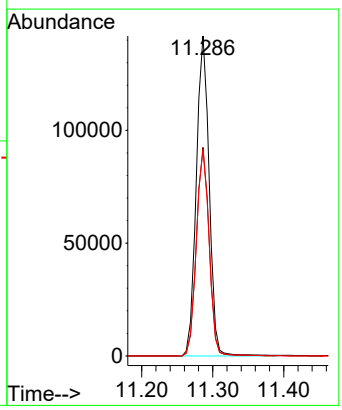
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

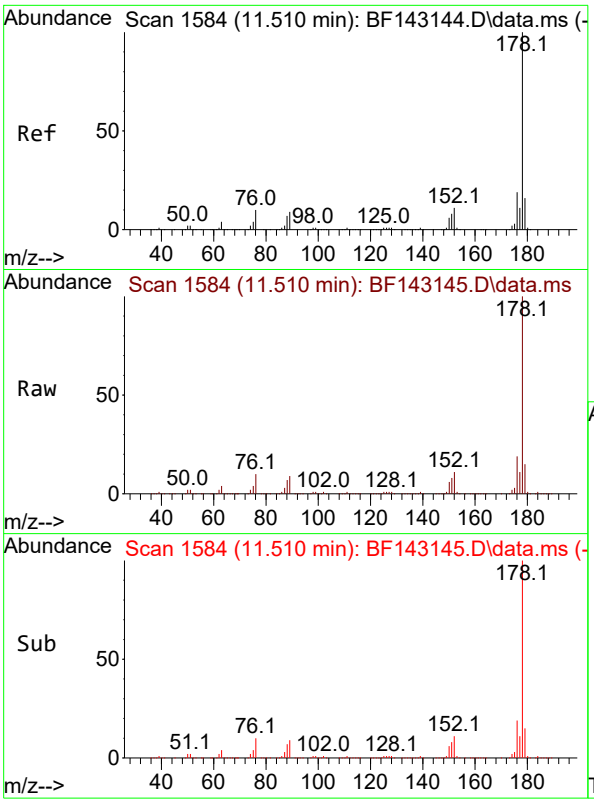


#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	64.5	51.0	76.6

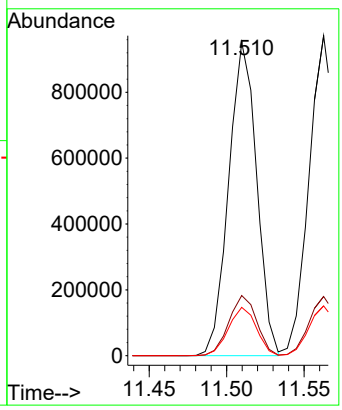




#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 119458

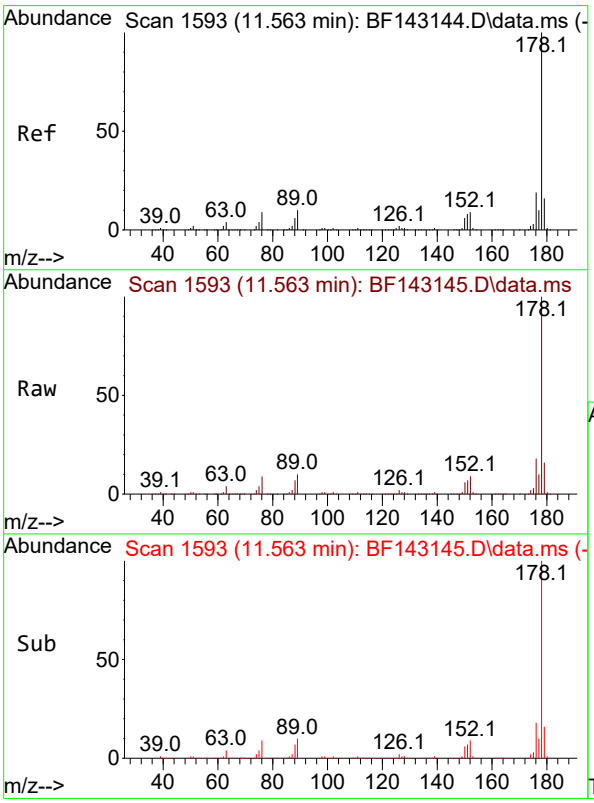
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

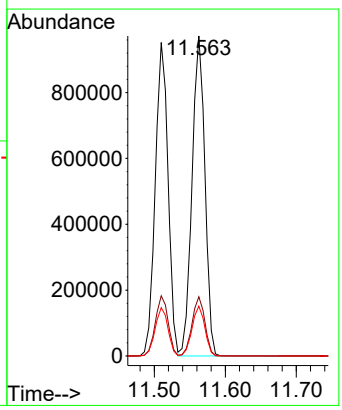
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

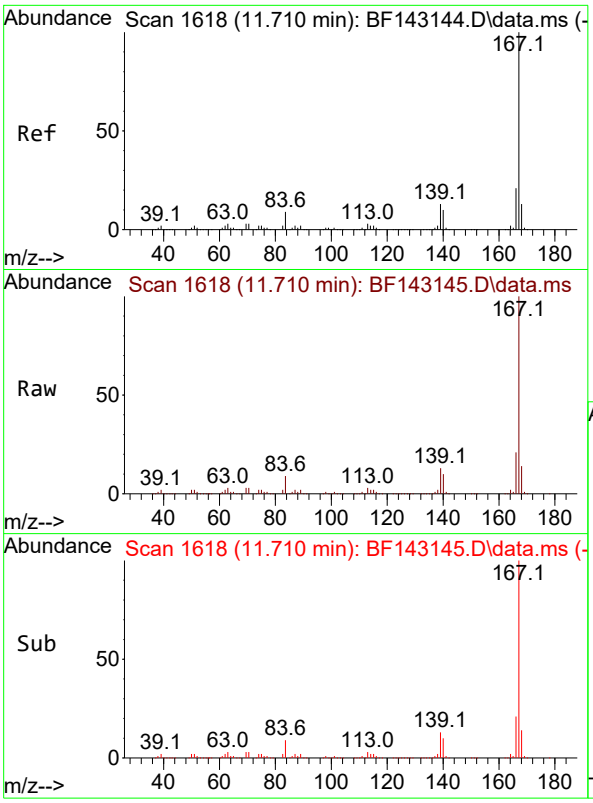


#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7

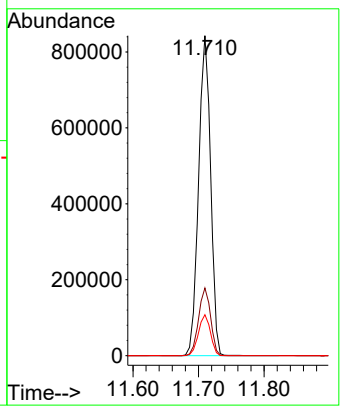




#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:167 Resp: 107680

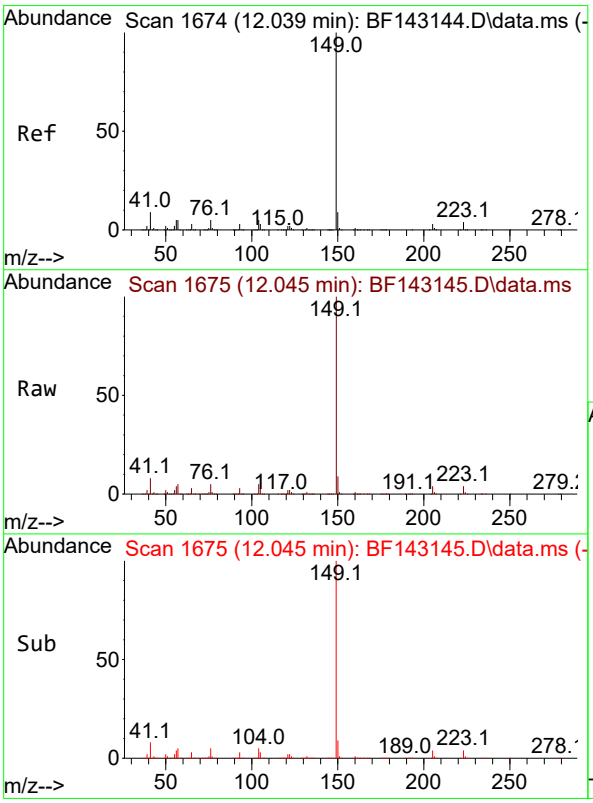
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

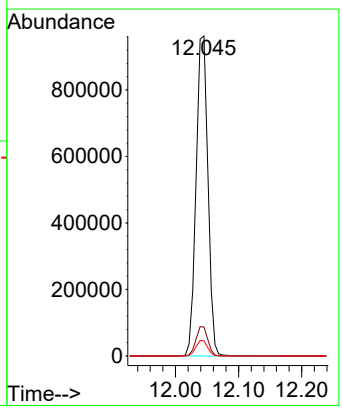
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

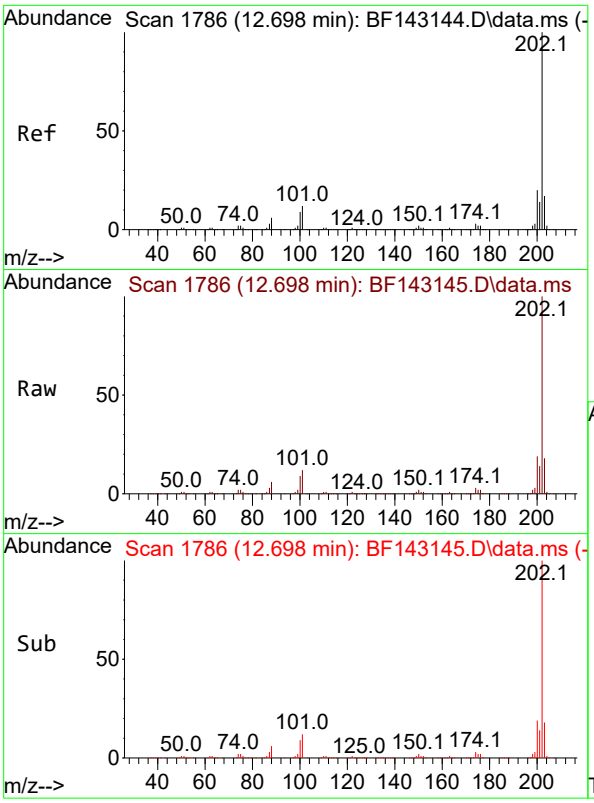


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8

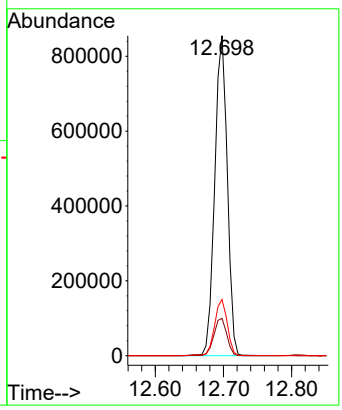




#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 109389

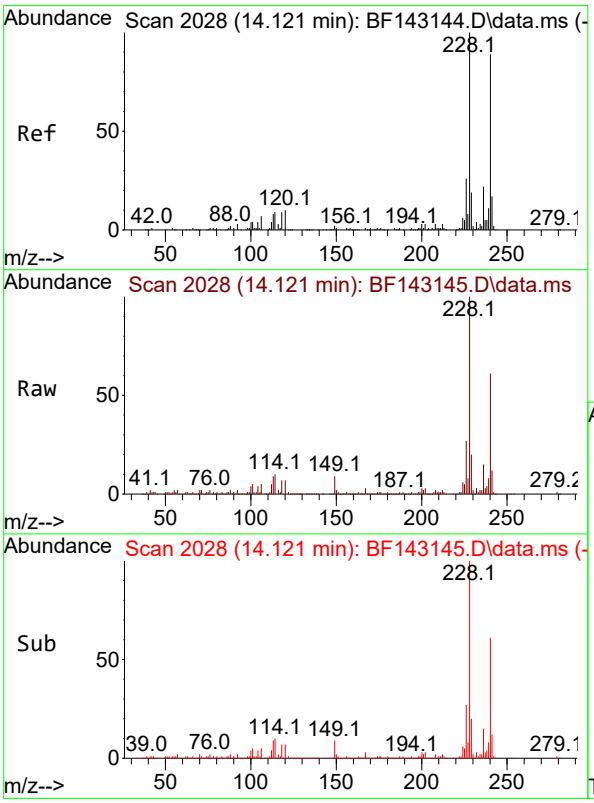
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

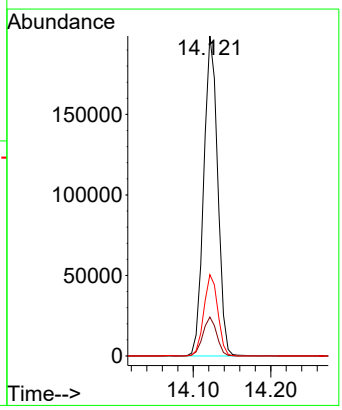
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

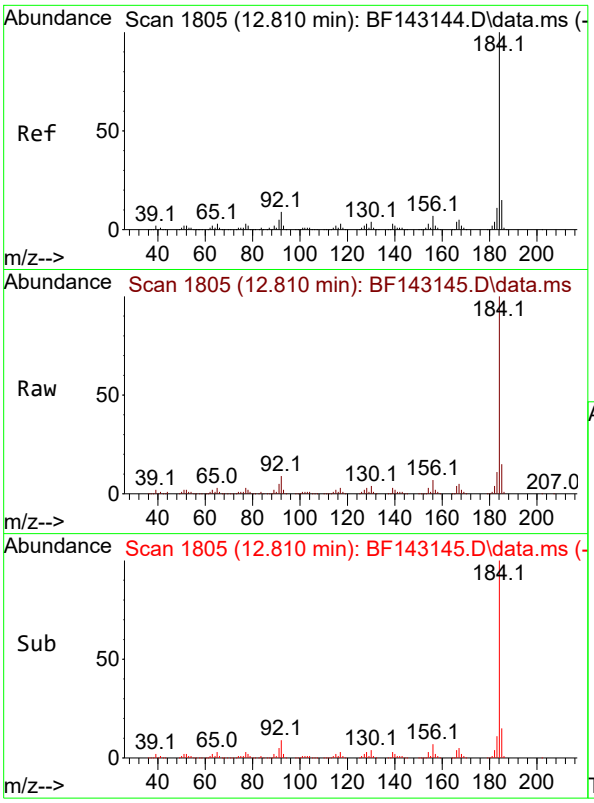


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.4	20.2	30.4

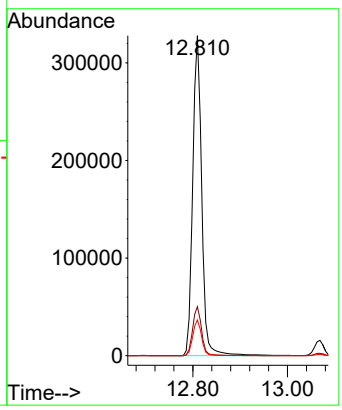




#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 43194

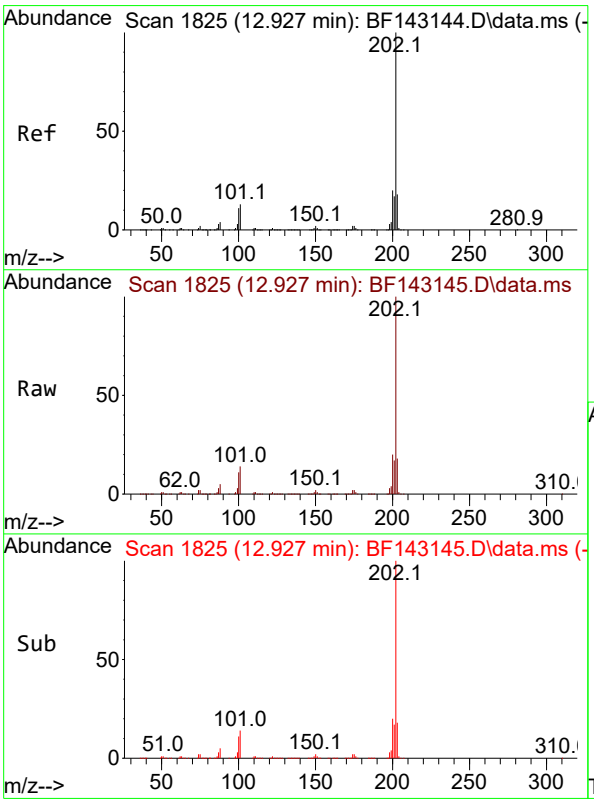
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

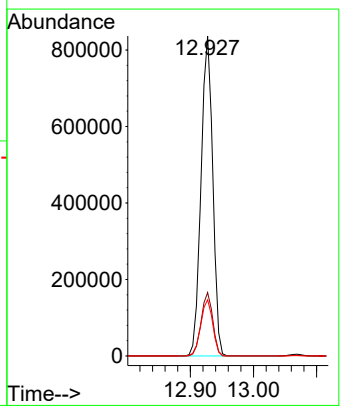
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

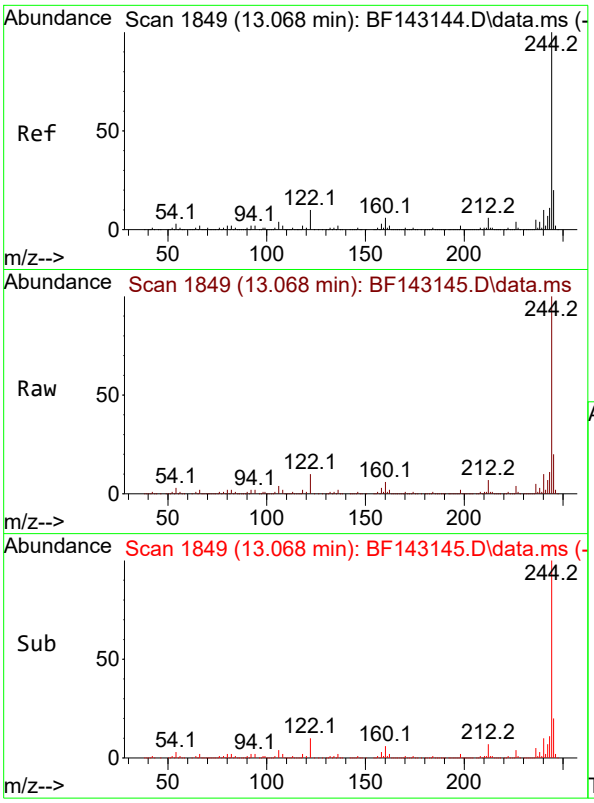


#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2

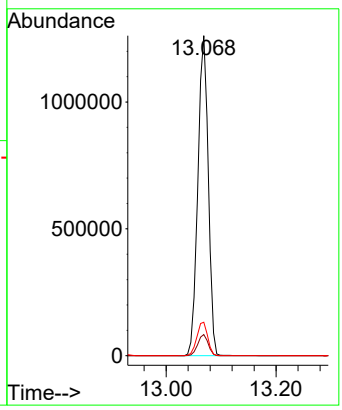




#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:244 Resp: 166303

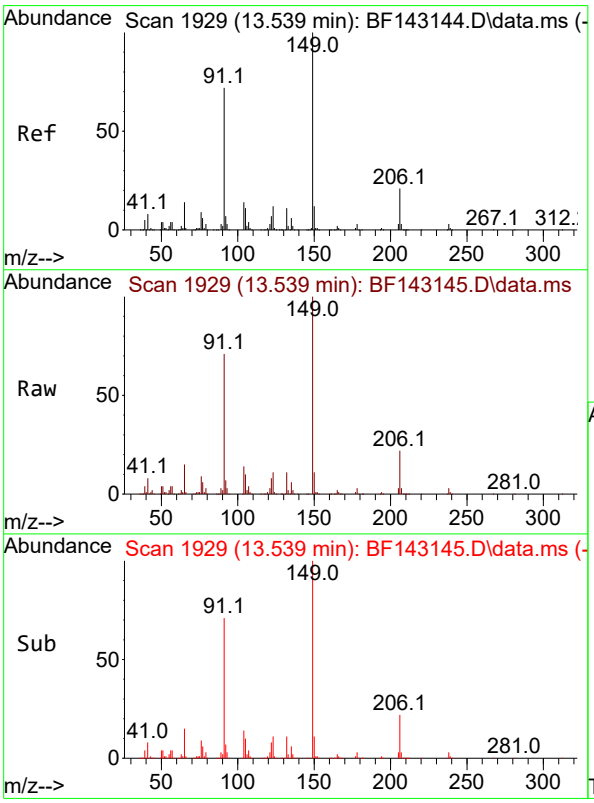
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

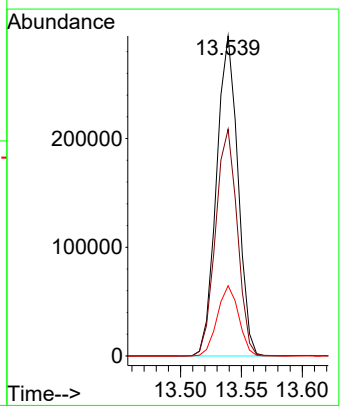
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

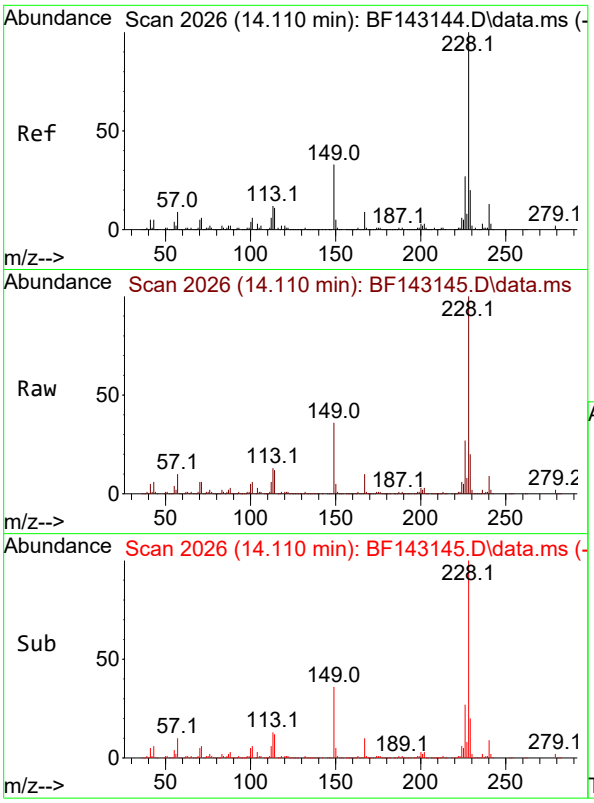


#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	22.0	17.0	25.4

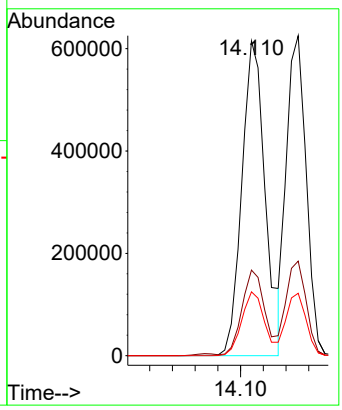




#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 88097

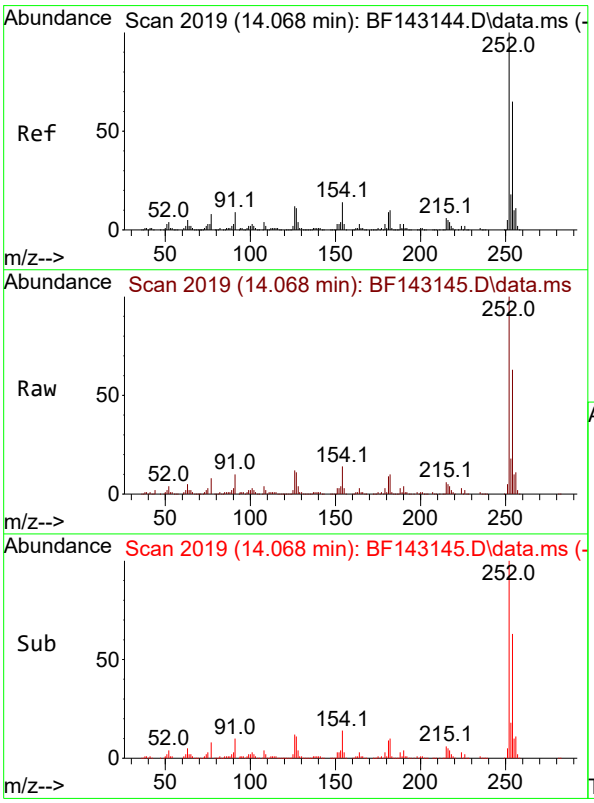
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

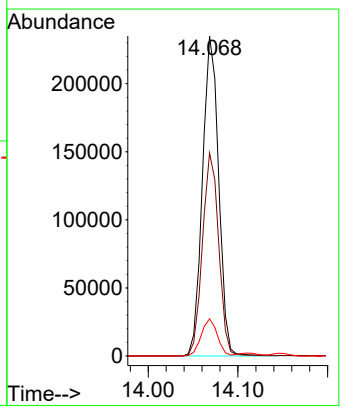
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

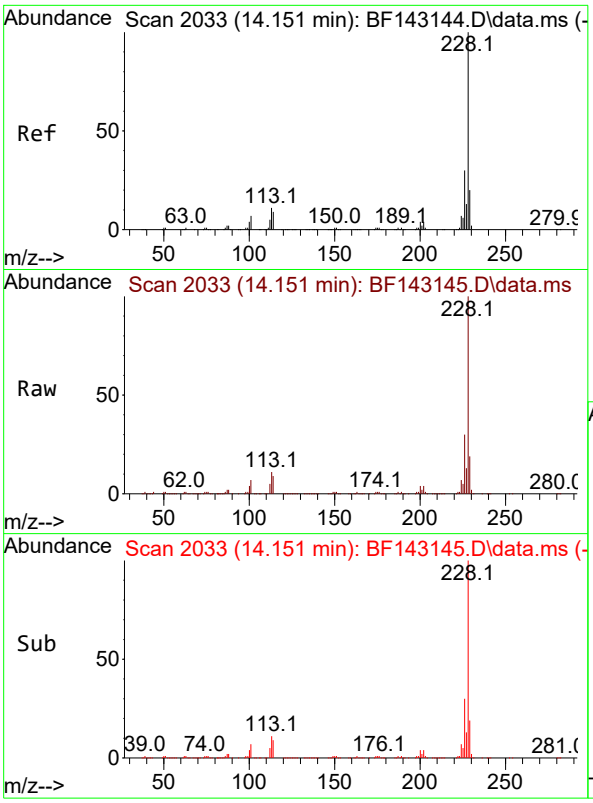


#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	11.6	9.4	14.0

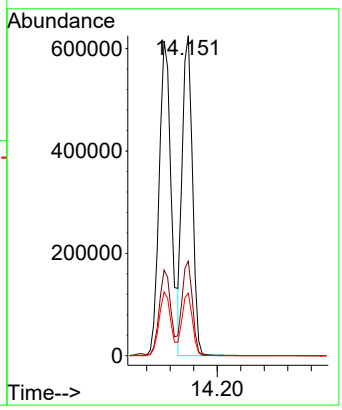




#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 75495

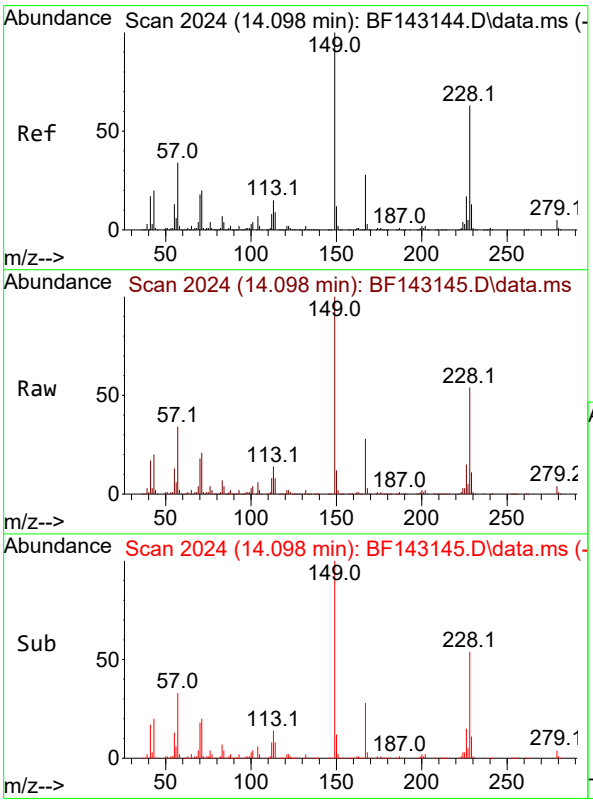
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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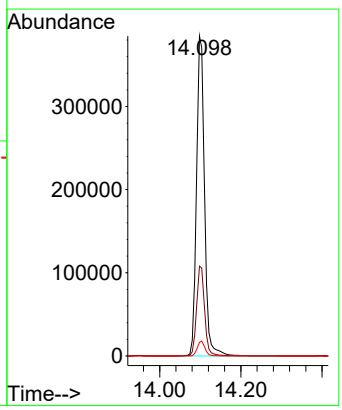
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

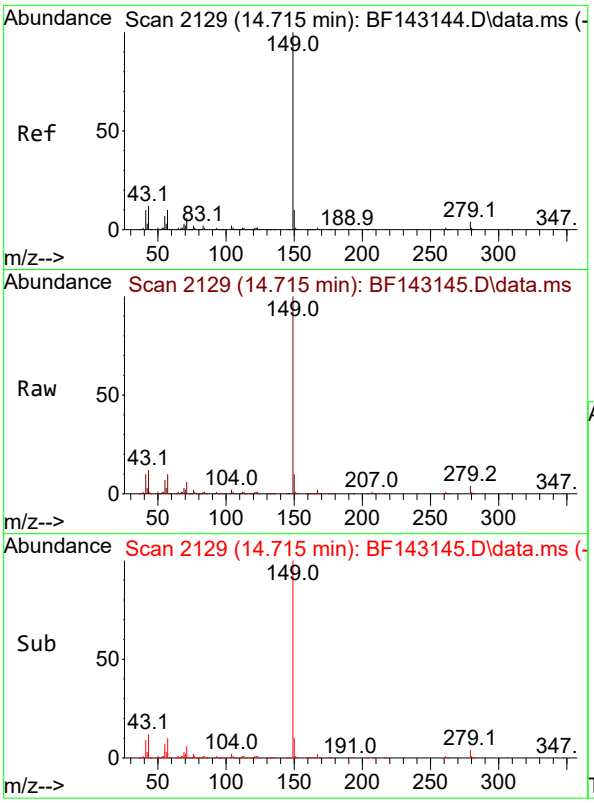


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4

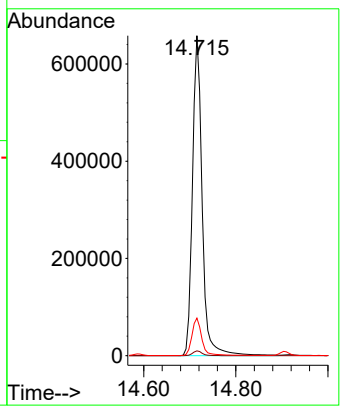




#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 96030

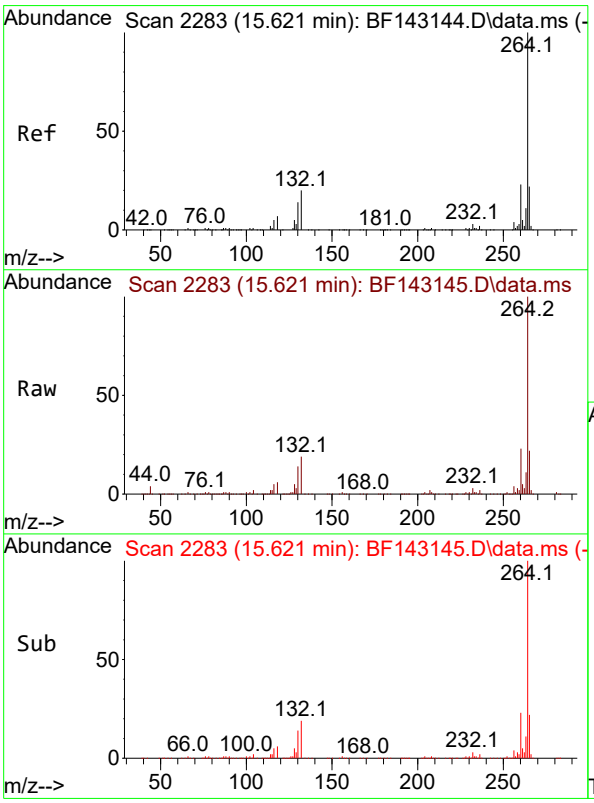
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

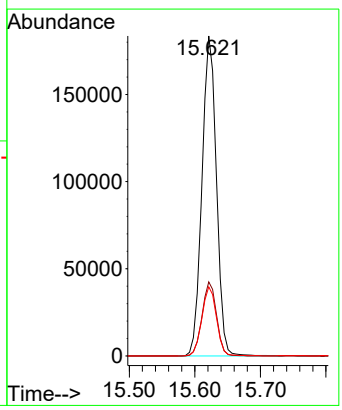
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

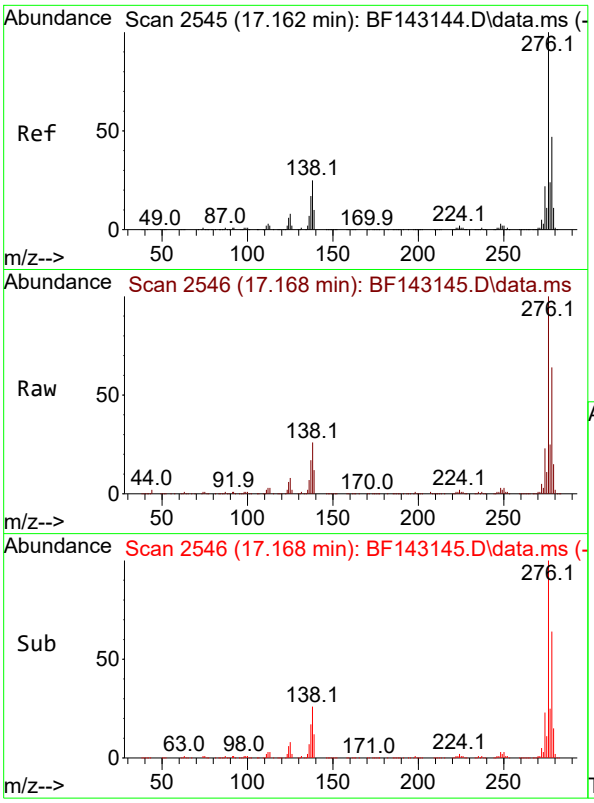


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.4	26.2

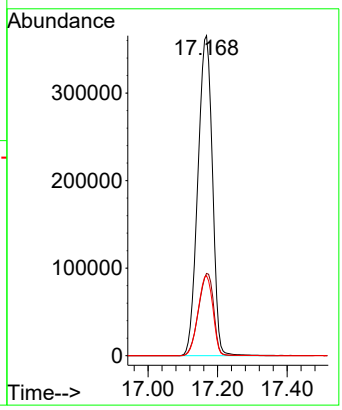




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 106187

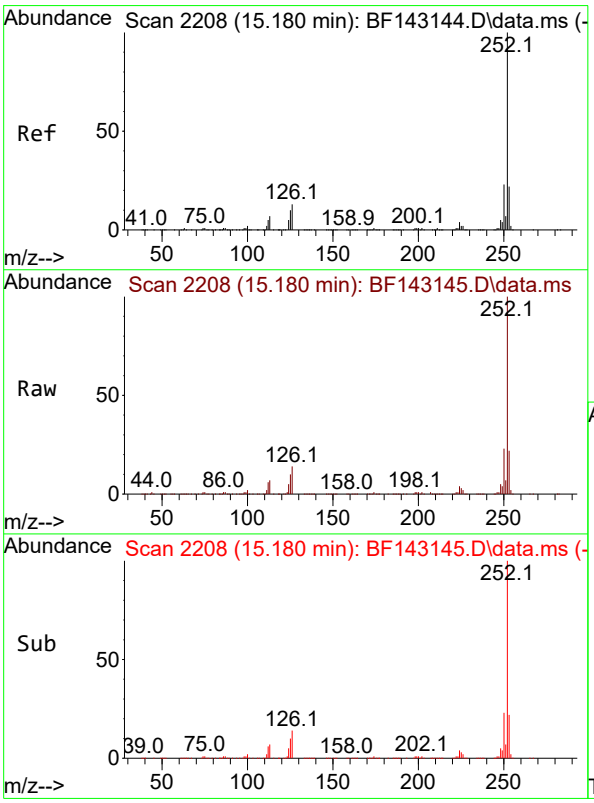
Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

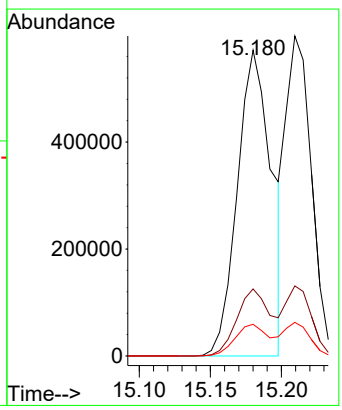
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

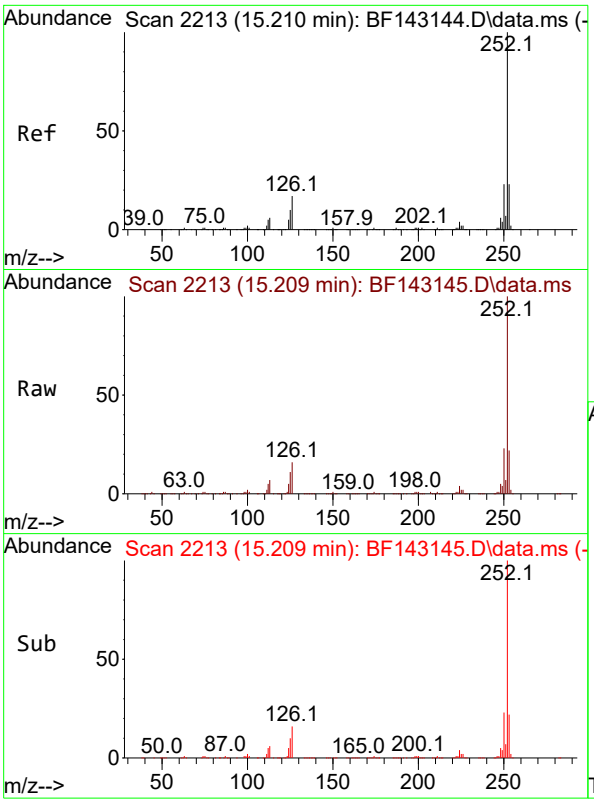


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.0	12.0

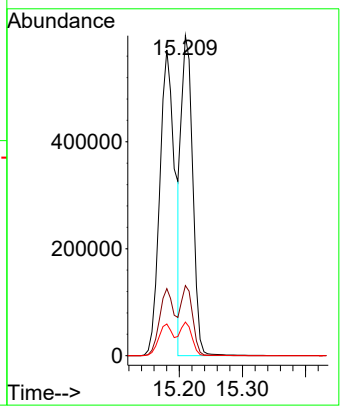




#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 75441

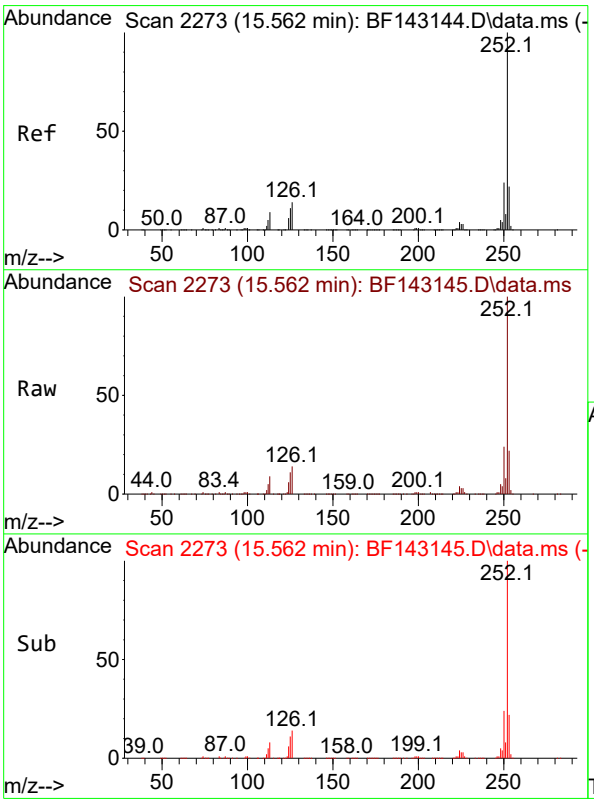
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

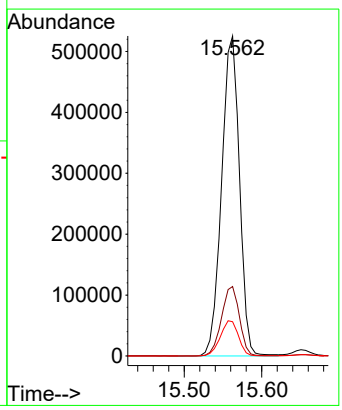
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

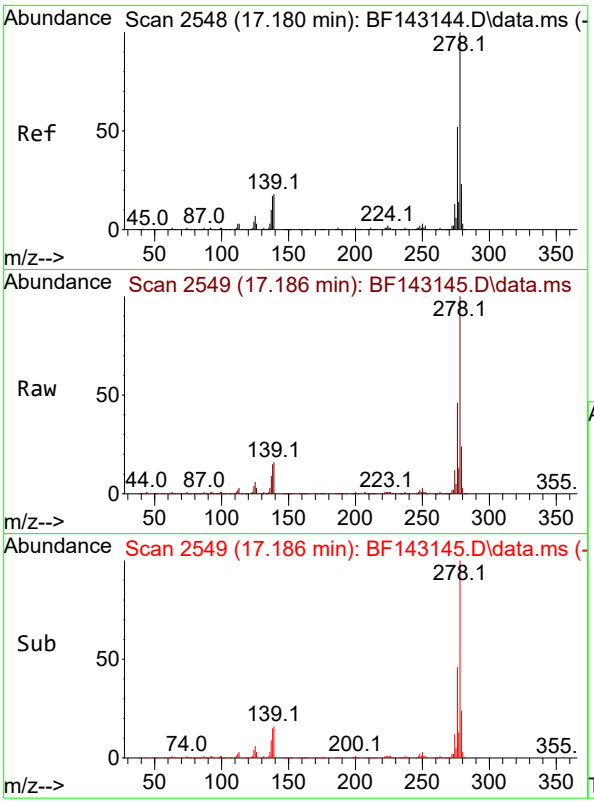


#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.6	13.0

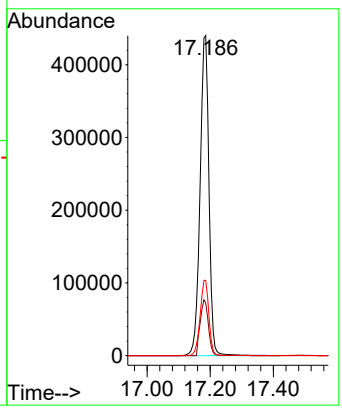




#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:278 Resp: 86146

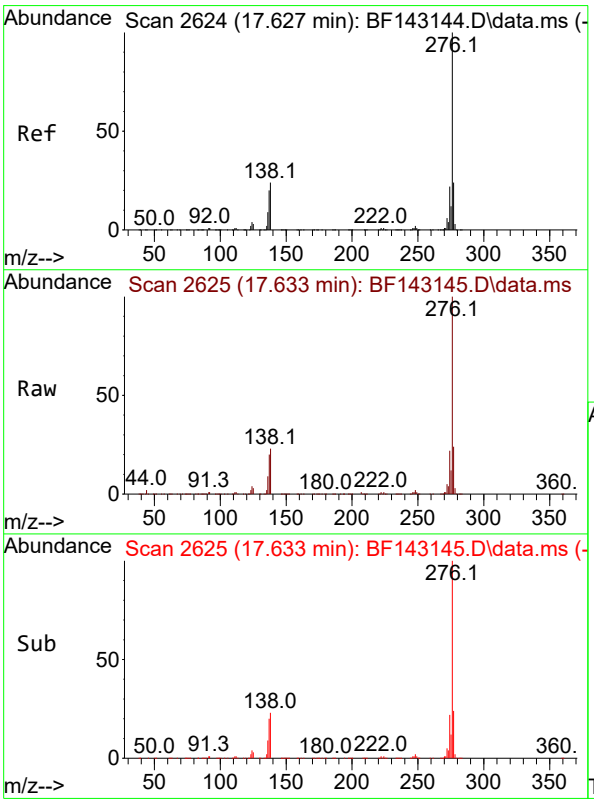
Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	23.5	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

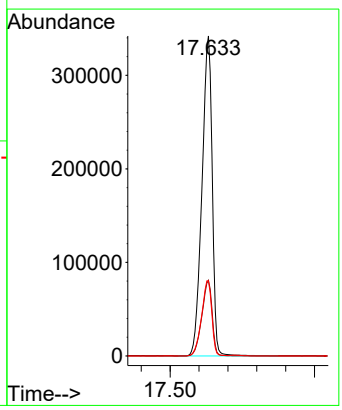
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.5	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	769713m	58.002	ng	
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

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

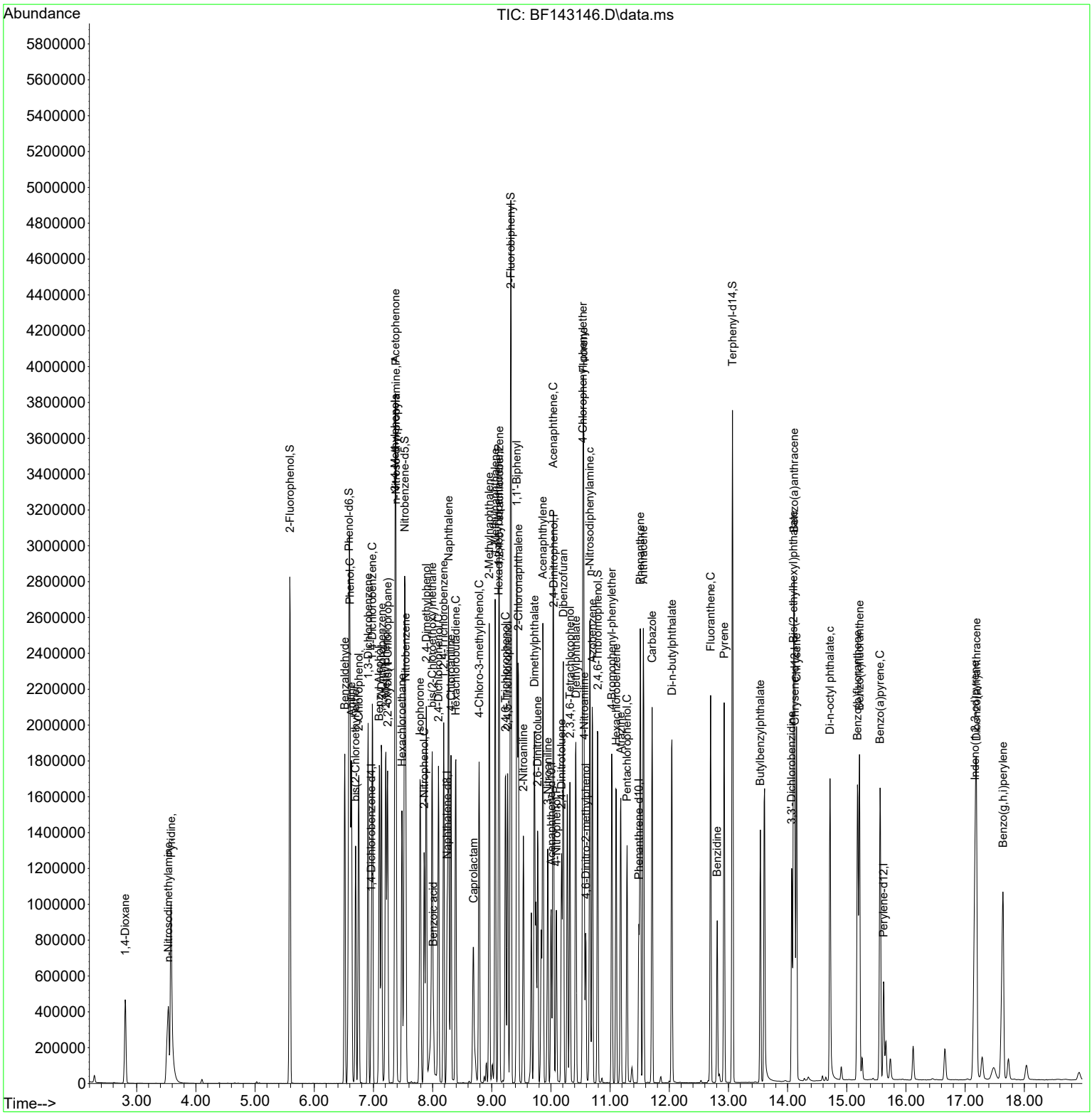
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Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

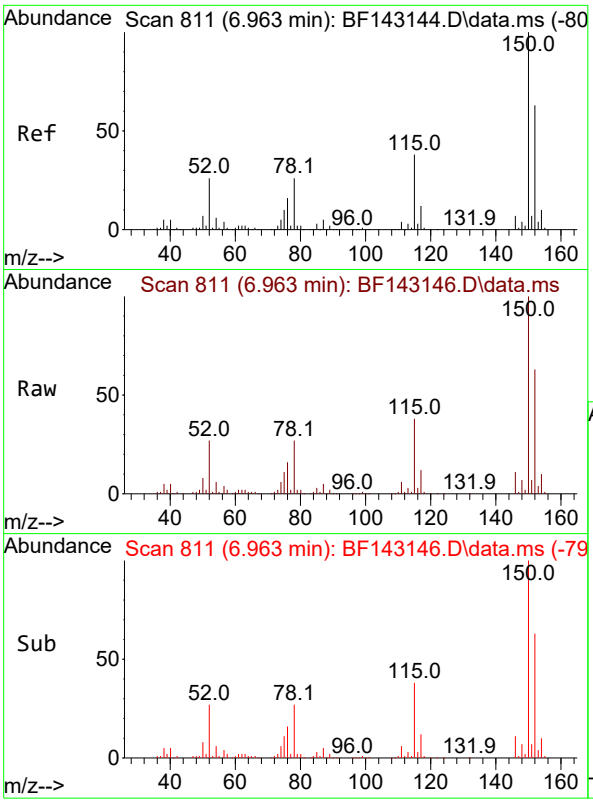
Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

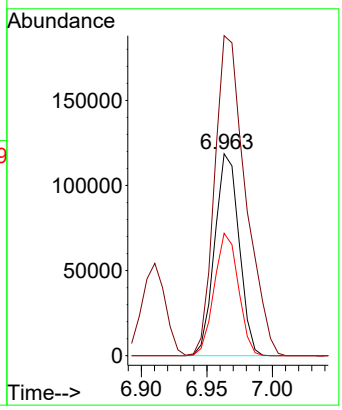




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 15315

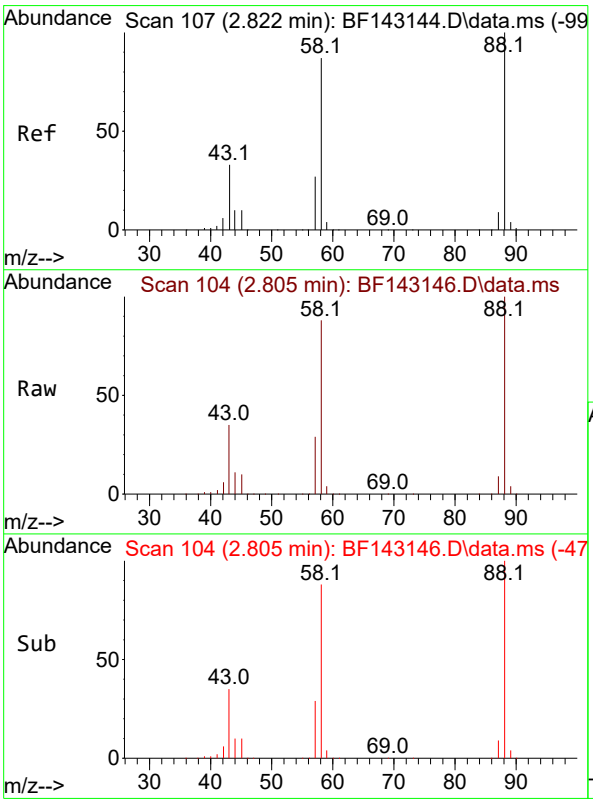
Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.2	192.4
115	60.7	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

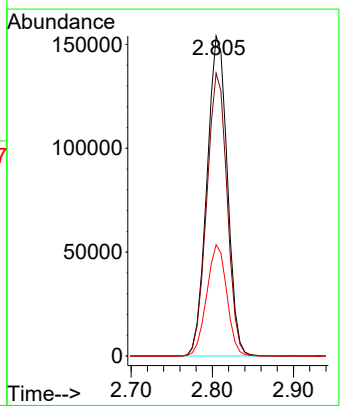
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

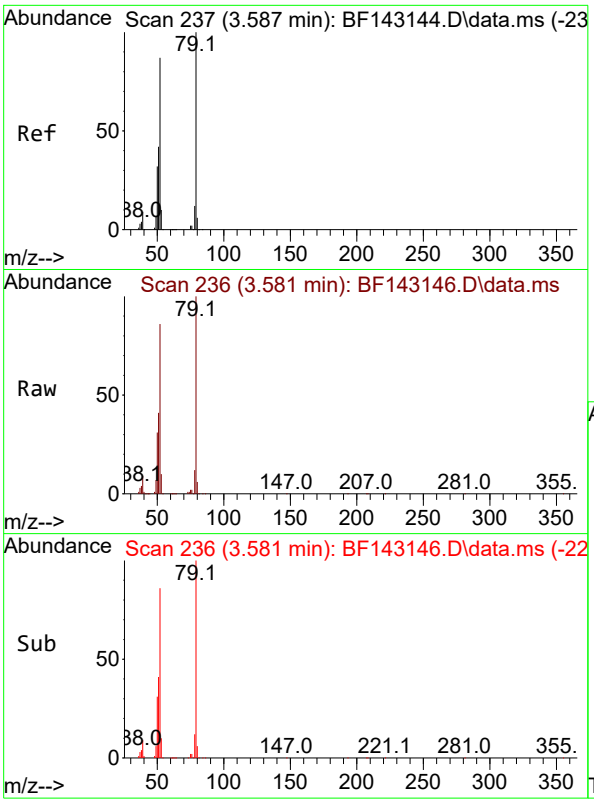


#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.2
43	34.2	27.1	40.7

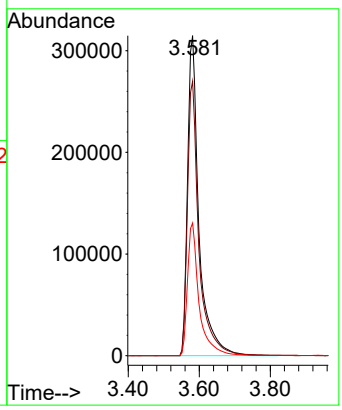




#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 70086

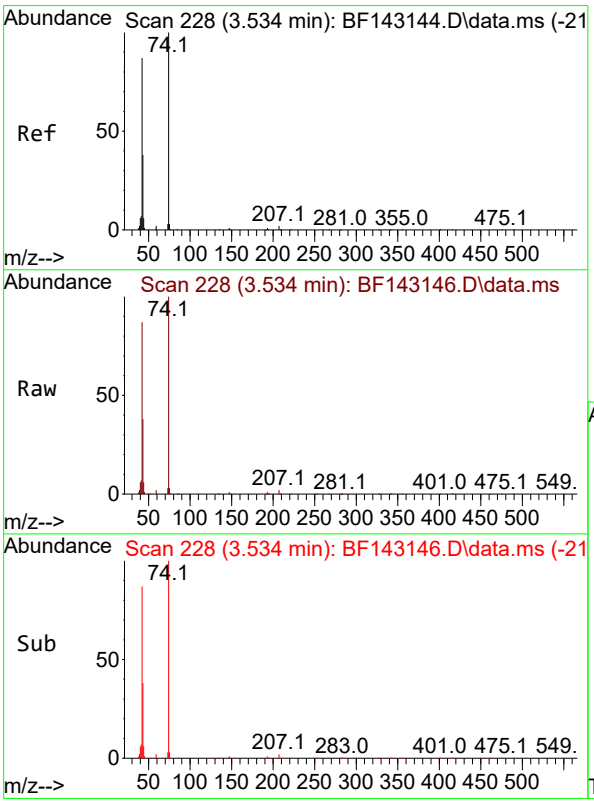
Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.4	104.2
51	41.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

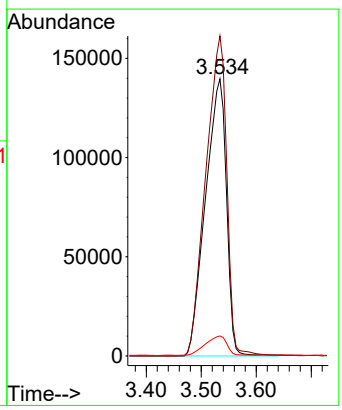
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

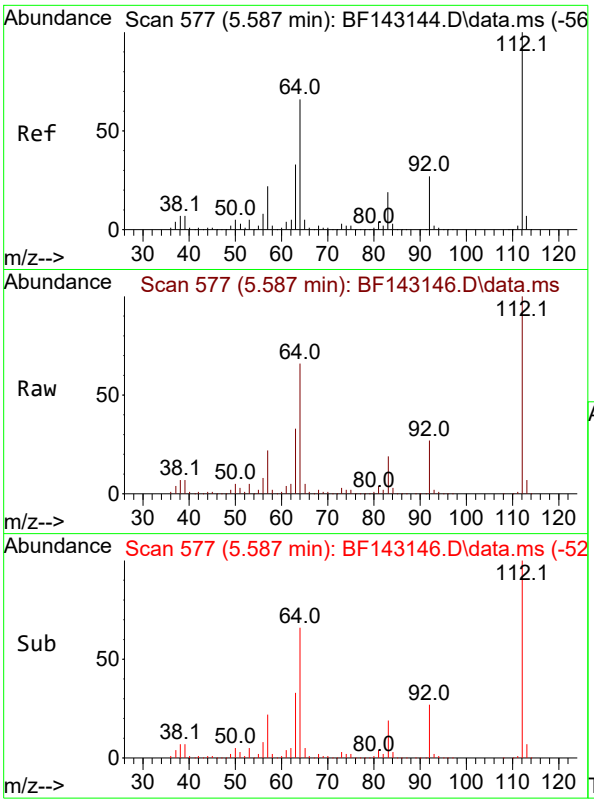


#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4





#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

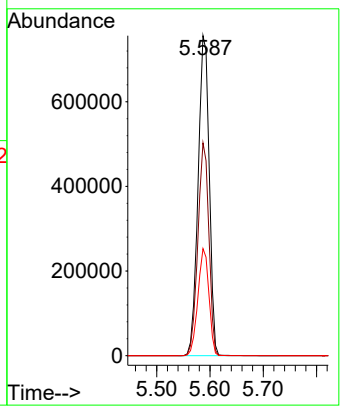
Tgt Ion:112 Resp: 109677

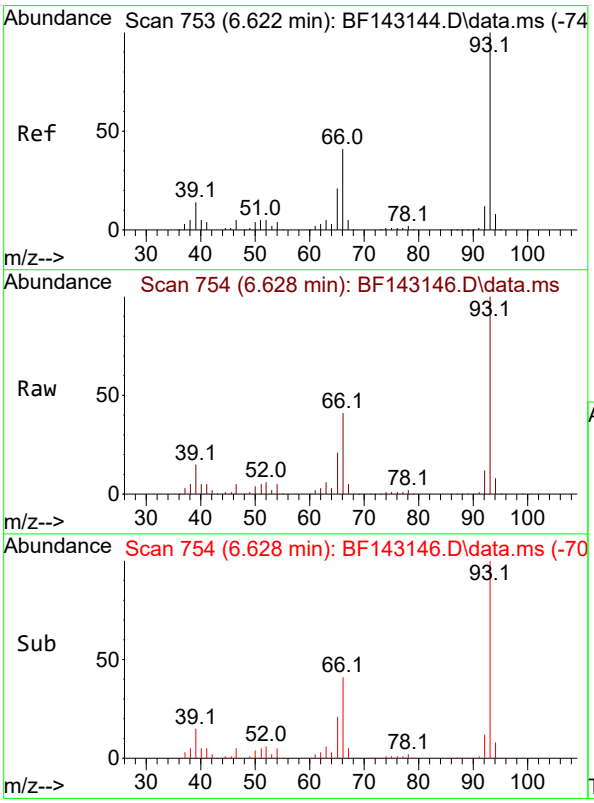
Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.4	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

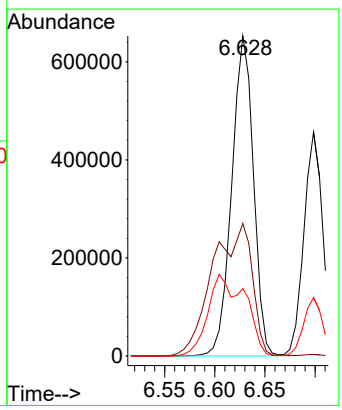


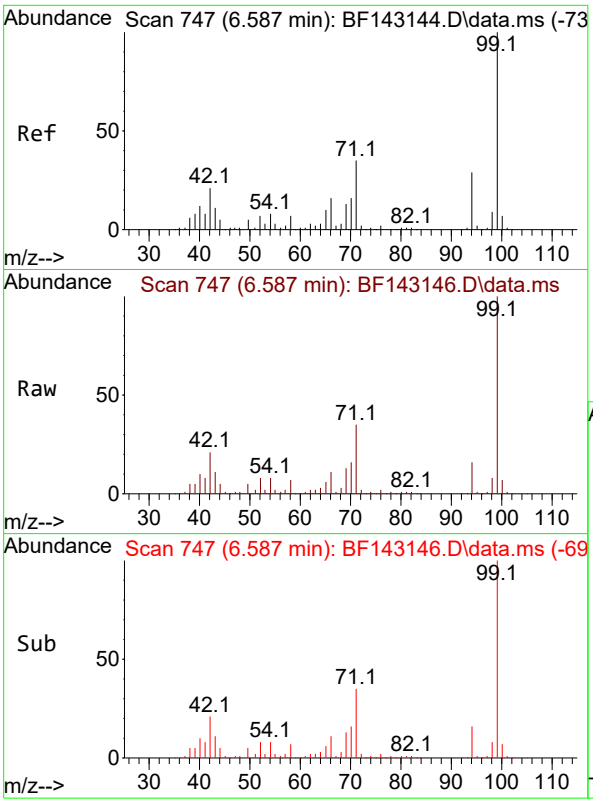


#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	21.0	16.9	25.3

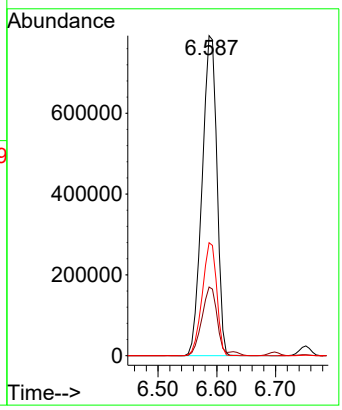




#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 99 Resp: 138401

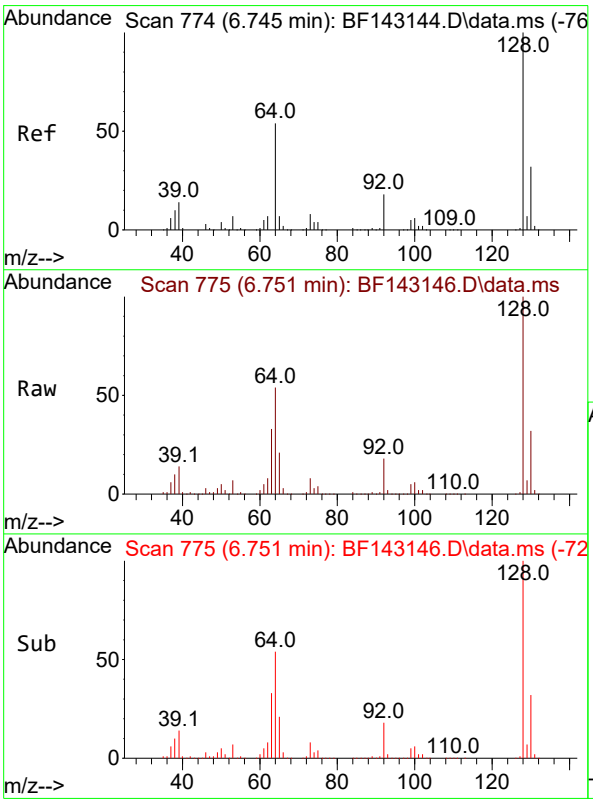
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	35.3	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

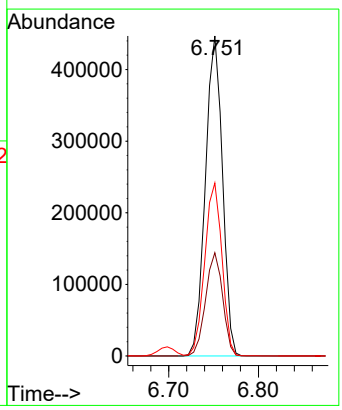
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

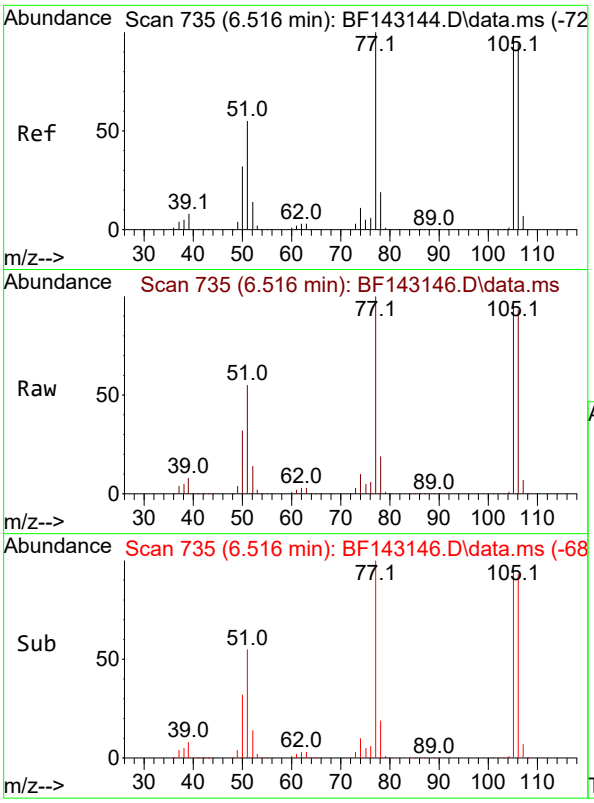


#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	54.0	35.9	75.9

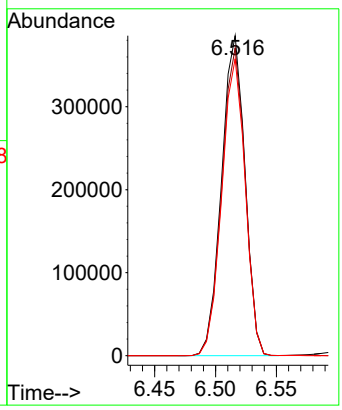




#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 51558

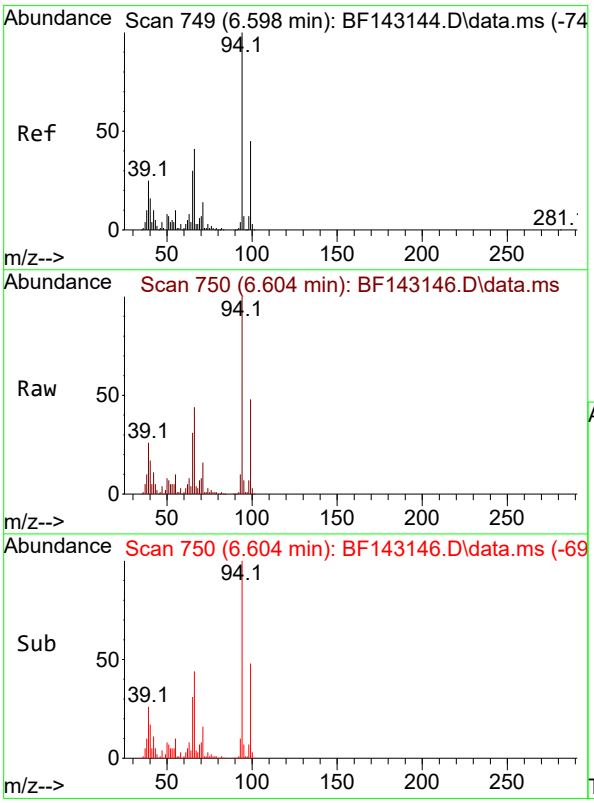
Ion	Ratio	Lower	Upper
77	100		
105	96.1	76.8	116.8
106	92.7	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

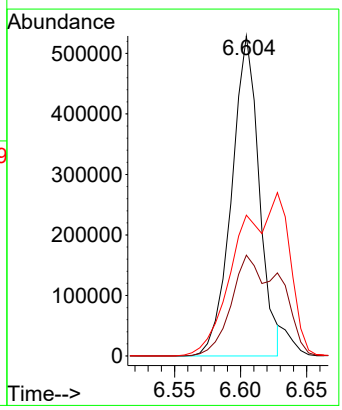
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

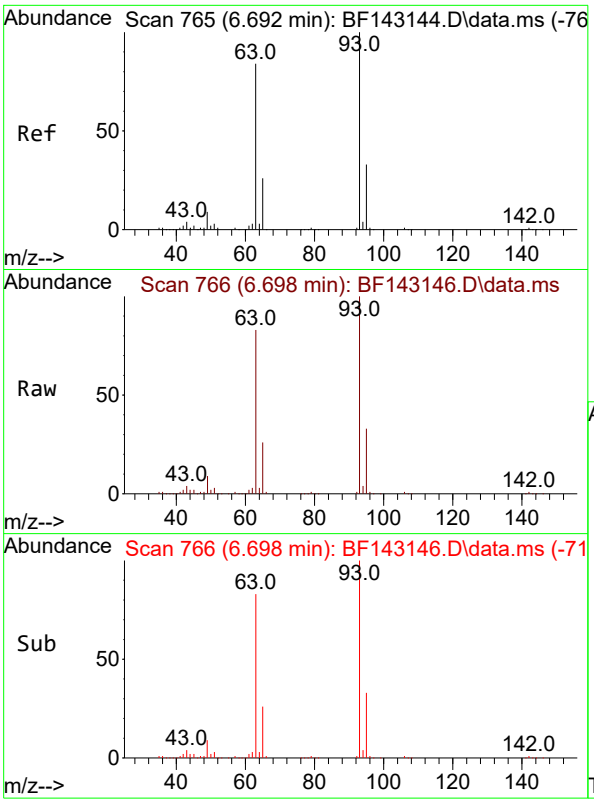


#10
Phenol
Concen: 58.002 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 769713

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.0	20.8	60.8

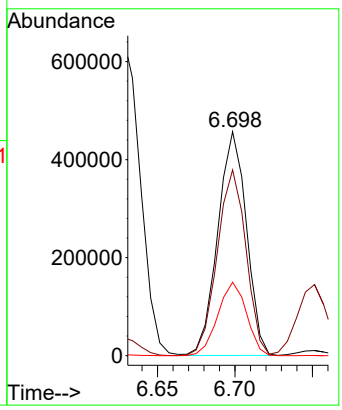




#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 58849

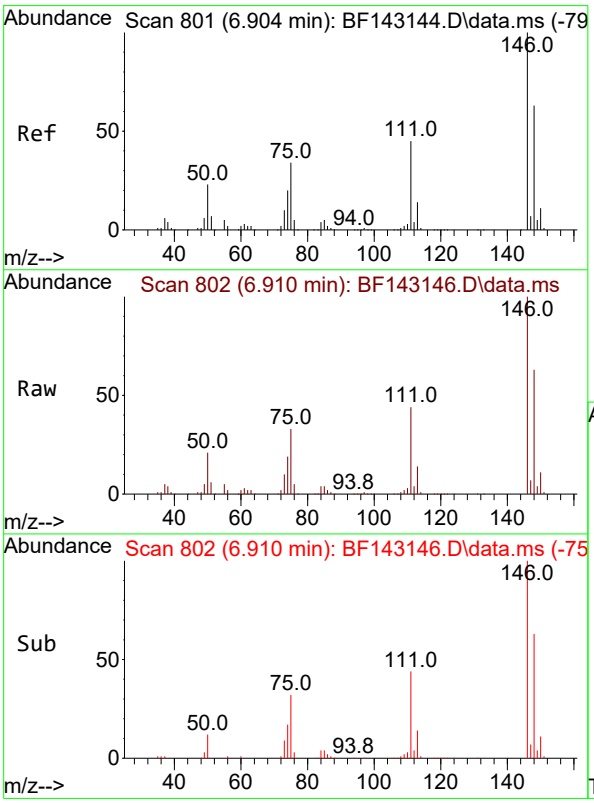
Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

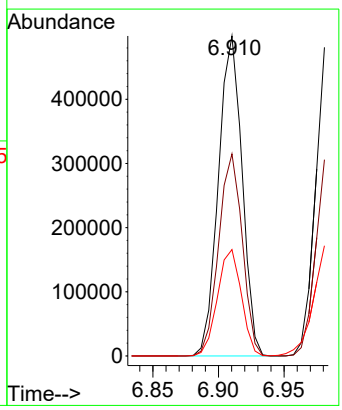
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

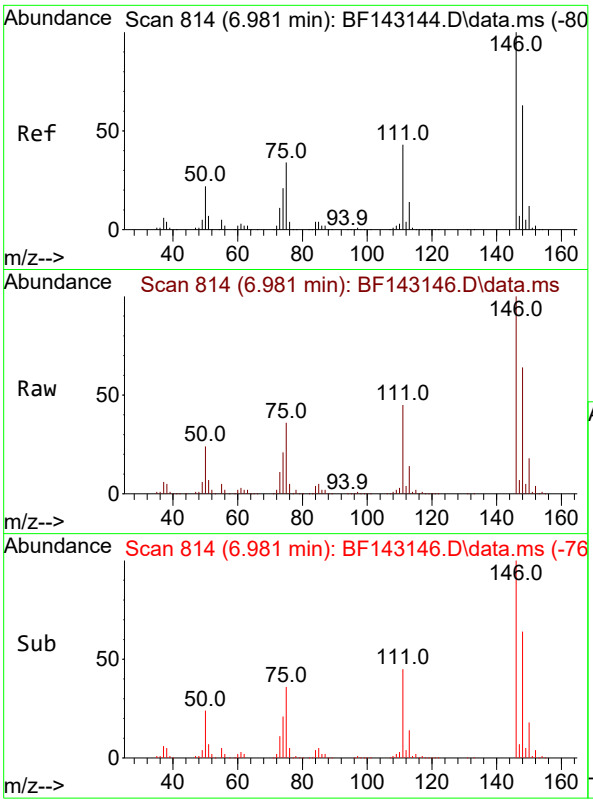


#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.2	27.4	41.2

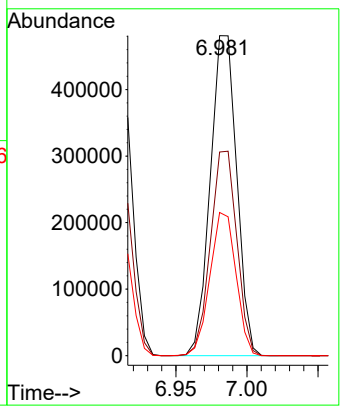




#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 62337

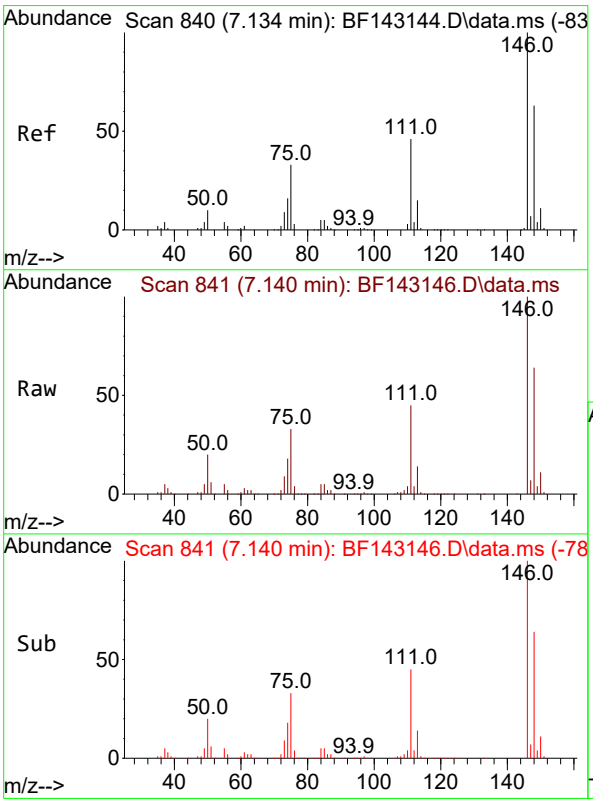
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	44.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

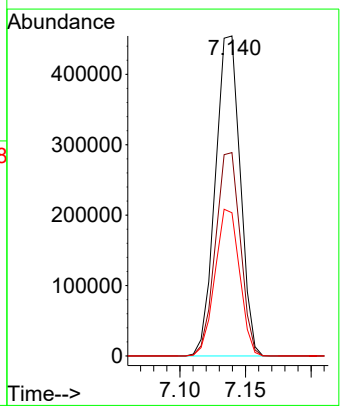
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

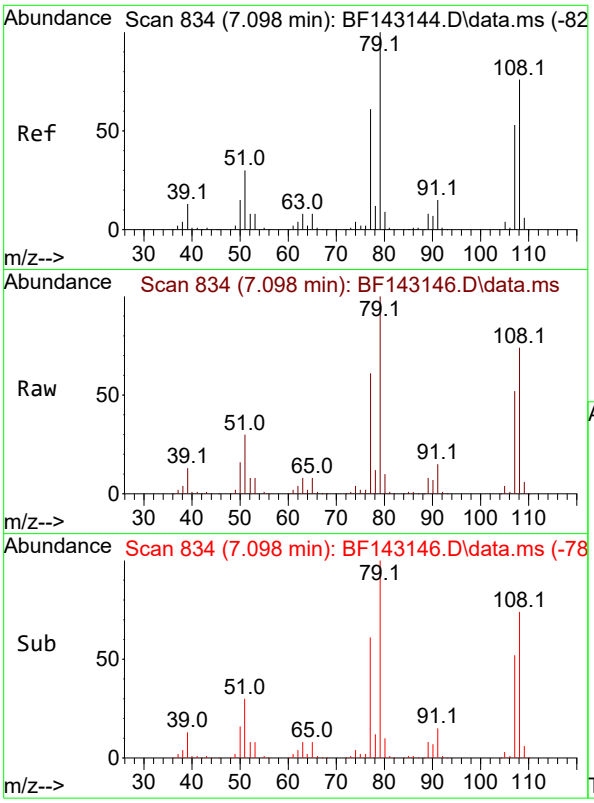


#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.8	36.6	54.8

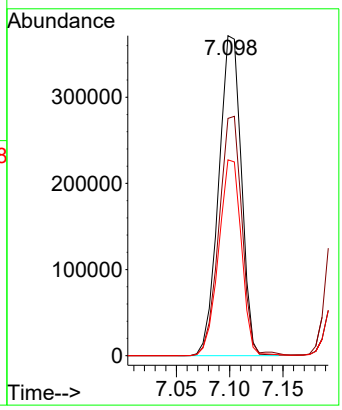




#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 54815

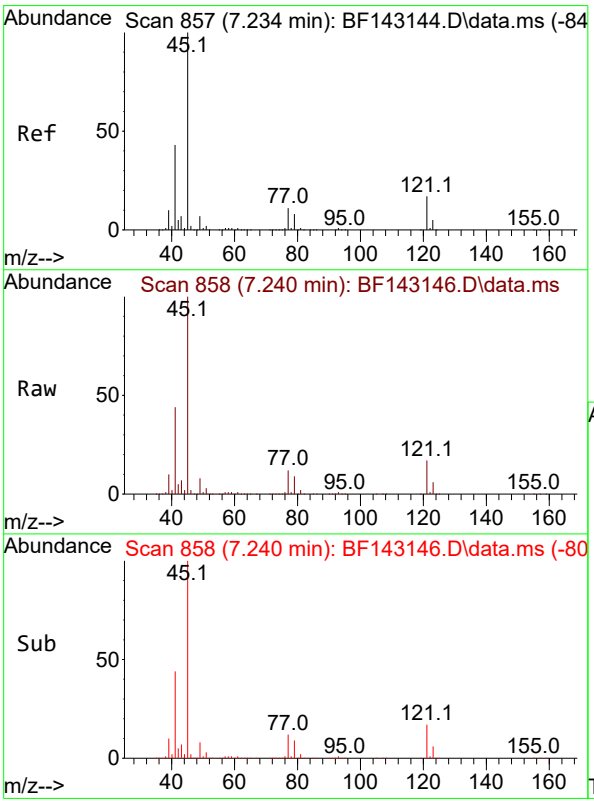
Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	61.2	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

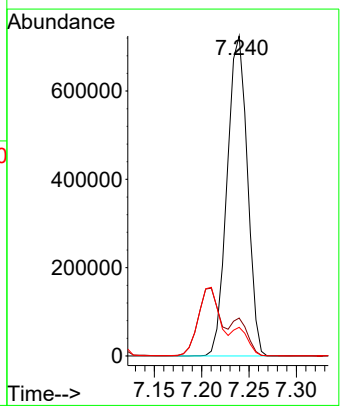
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

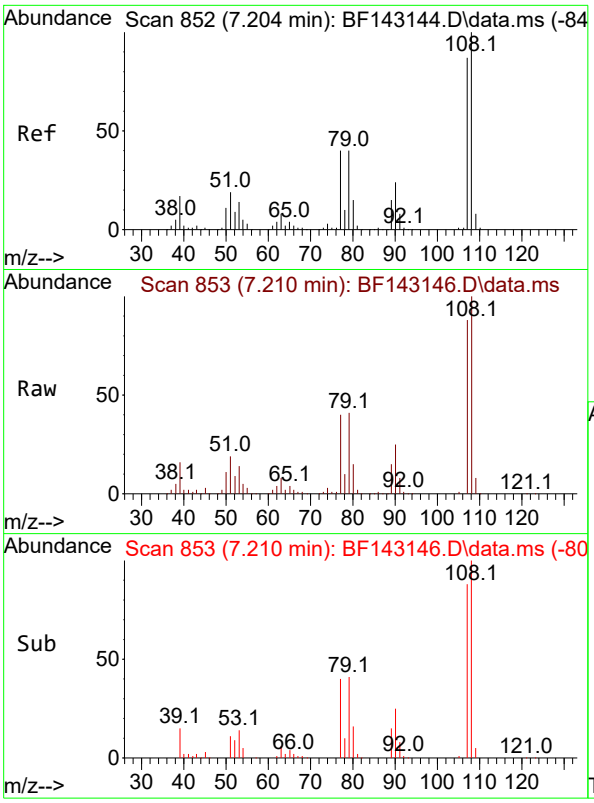


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

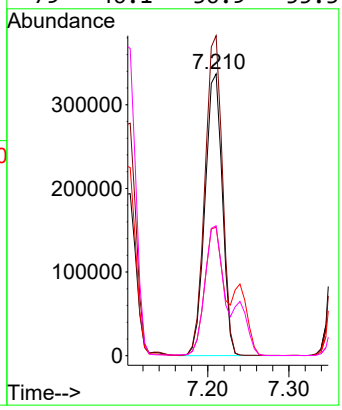




#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 49807

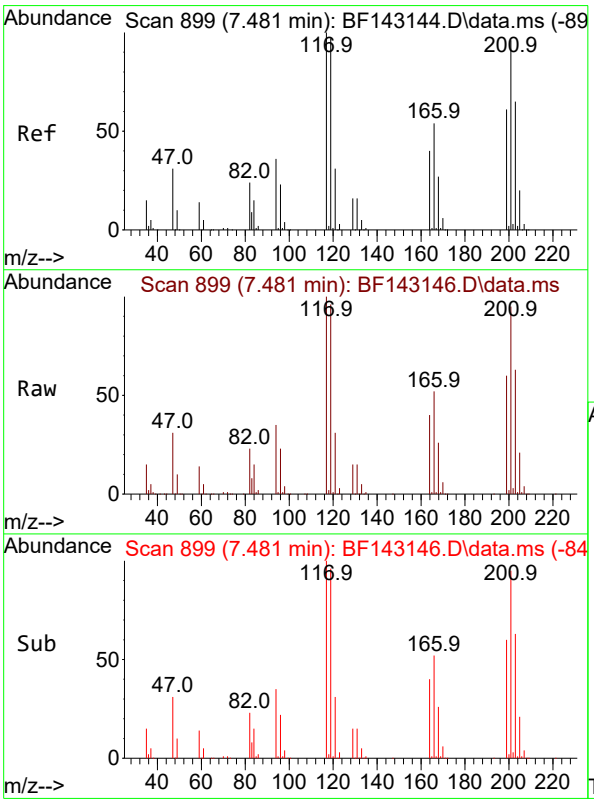
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.6
77	45.6	37.0	55.6
79	46.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

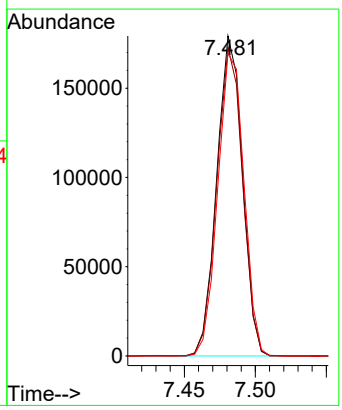
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

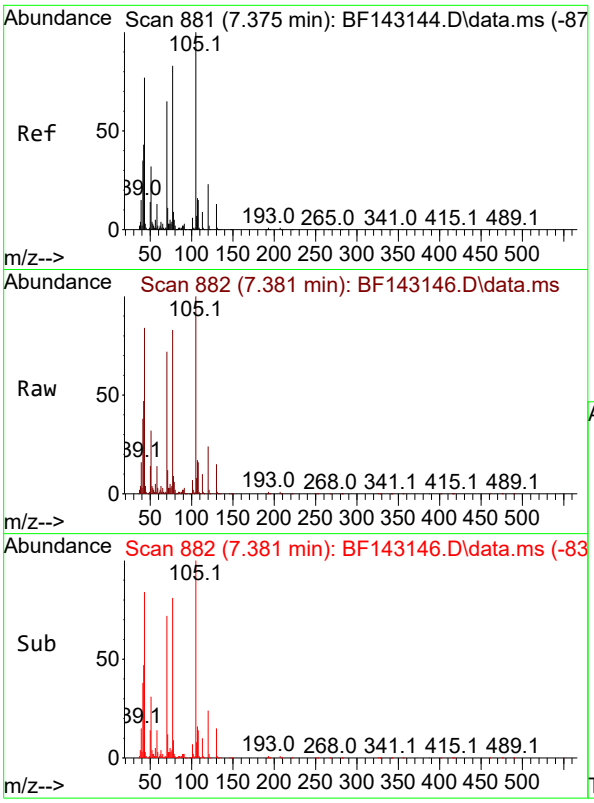


#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	94.6	77.0	115.4

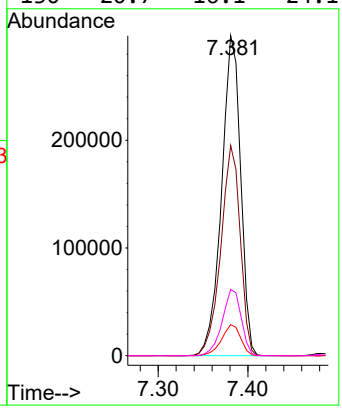




#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 70 Resp: 43775

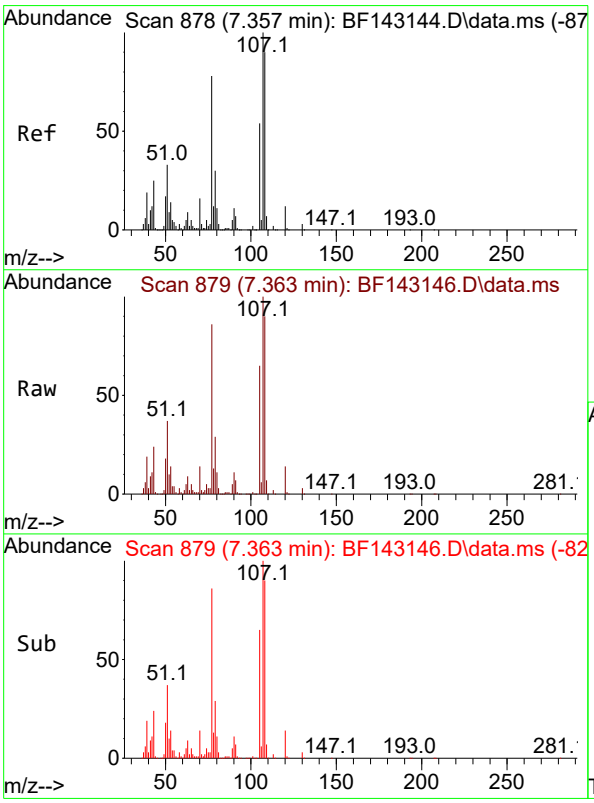
Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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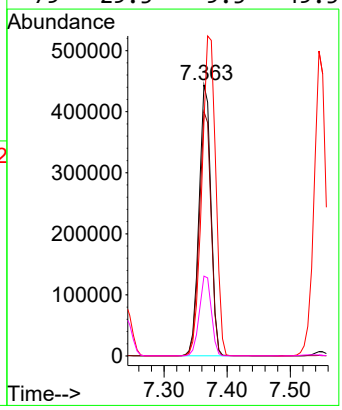
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

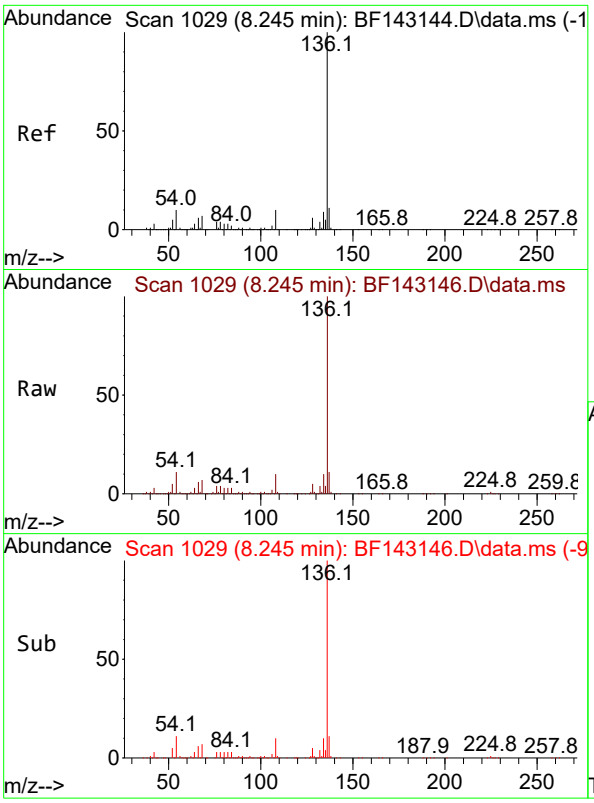


#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.0	110.0
77	86.3	57.8	97.8
79	29.5	9.5	49.5

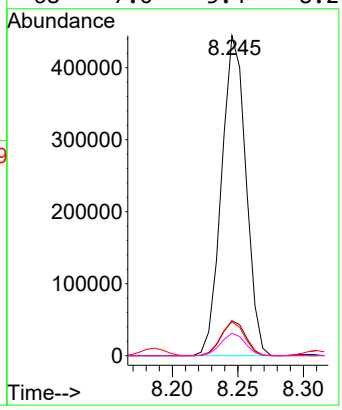




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:136 Resp: 57354

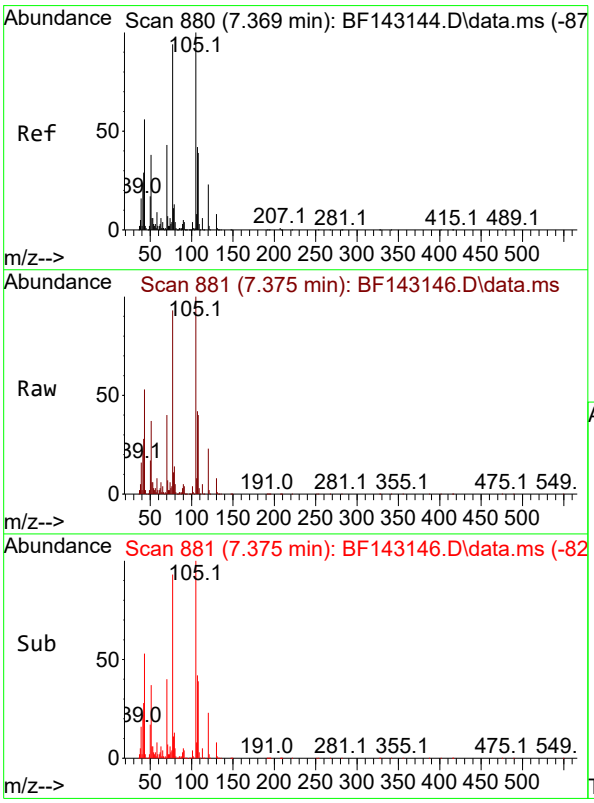
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

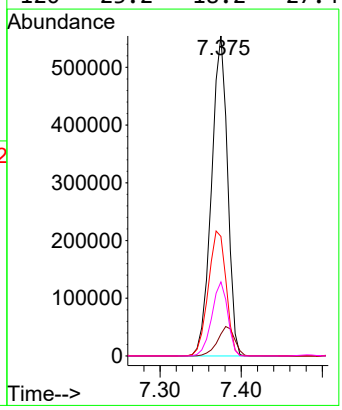
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

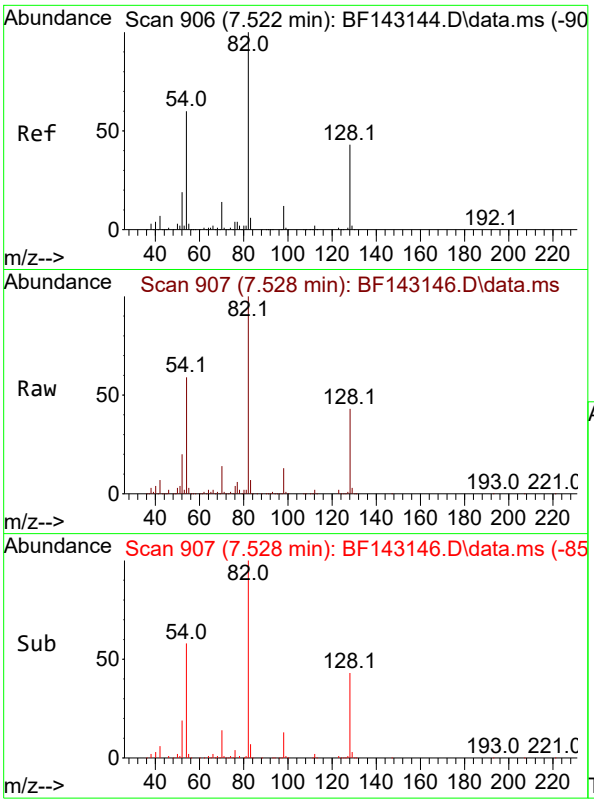


#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	37.4	30.2	45.2
120	23.2	18.2	27.4

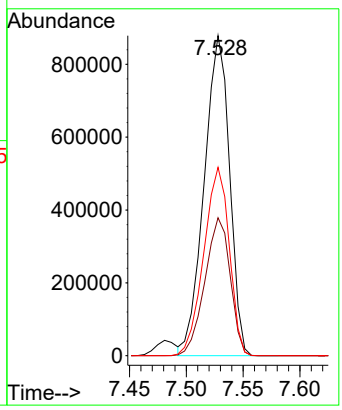




#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 82 Resp: 136701

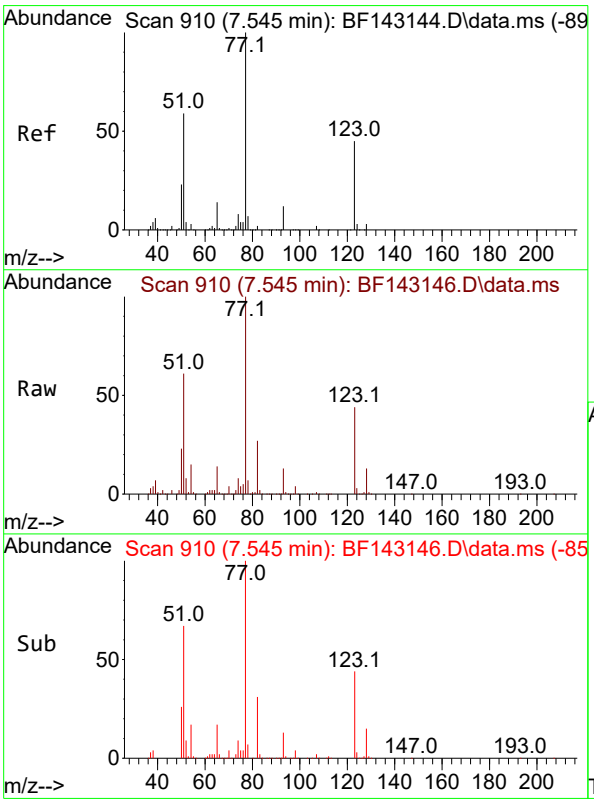
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

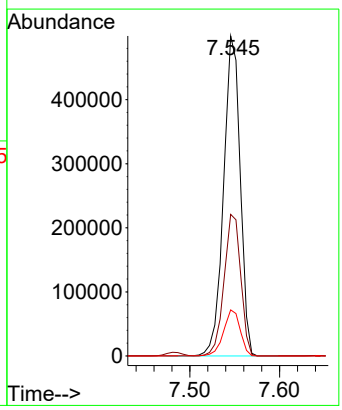
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

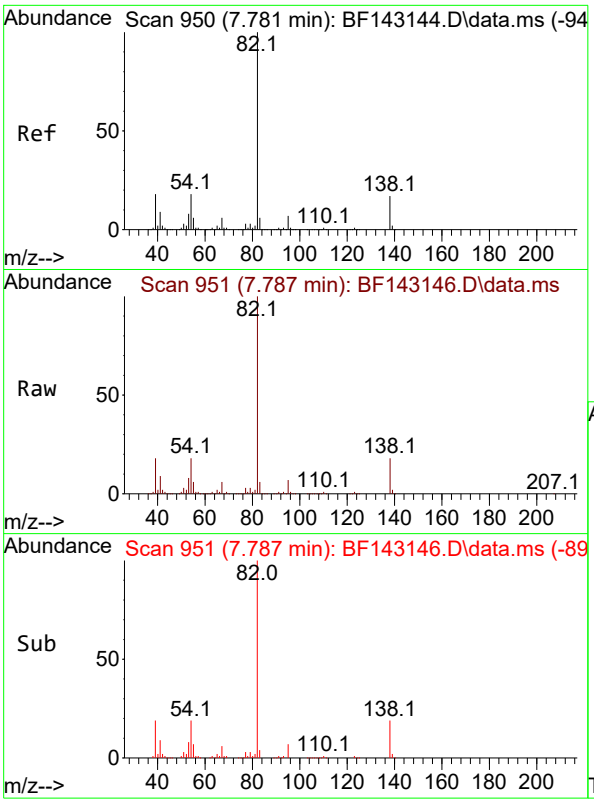


#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

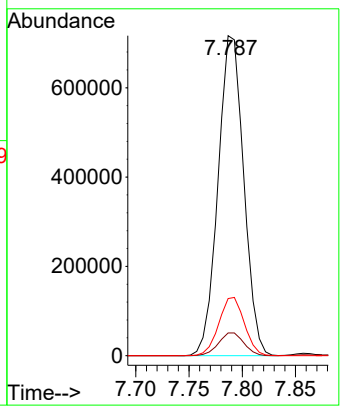
Tgt Ion: 82 Resp: 120250

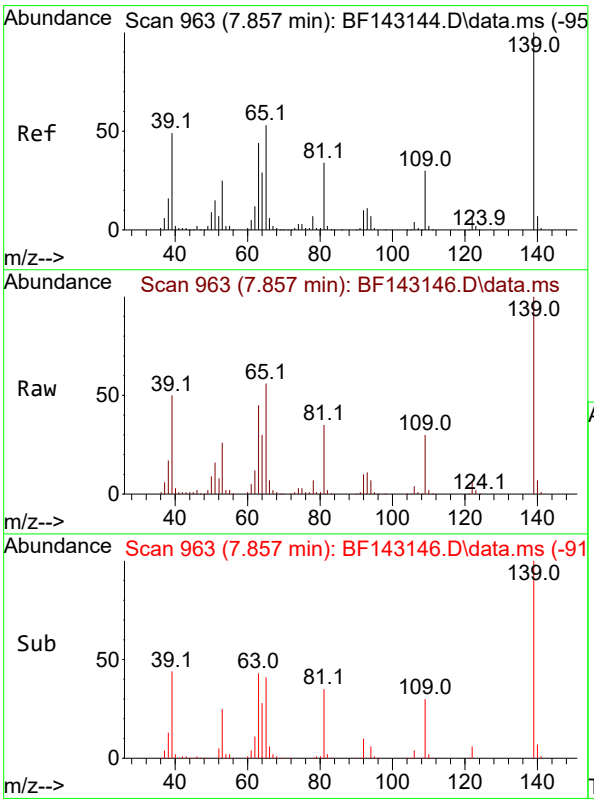
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

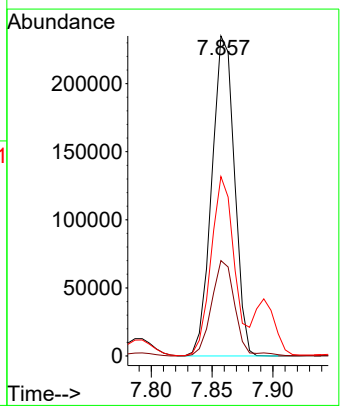


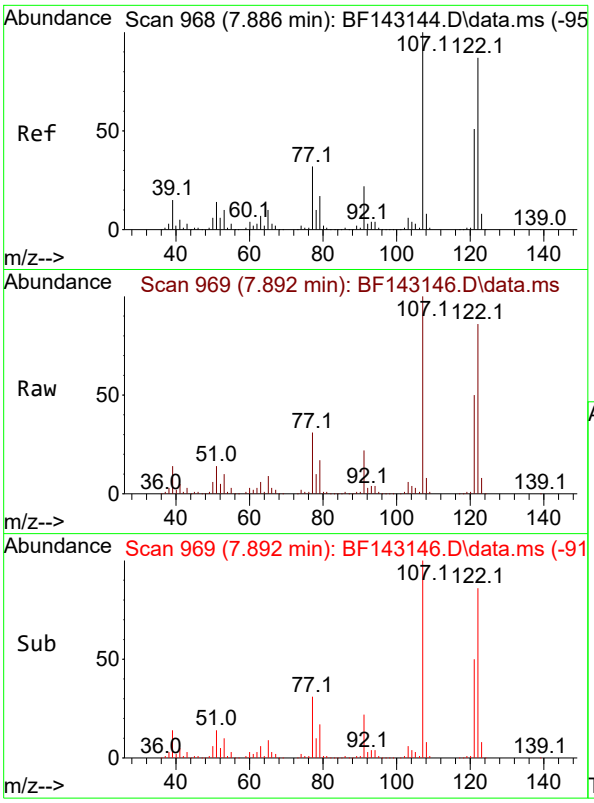


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.6	35.4
65	56.0	42.6	64.0

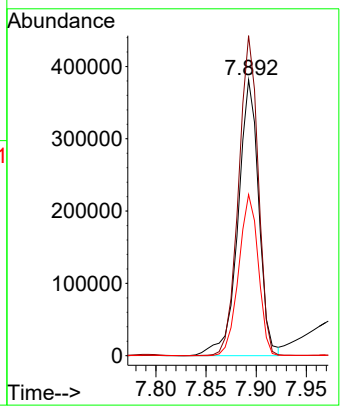




#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 54882

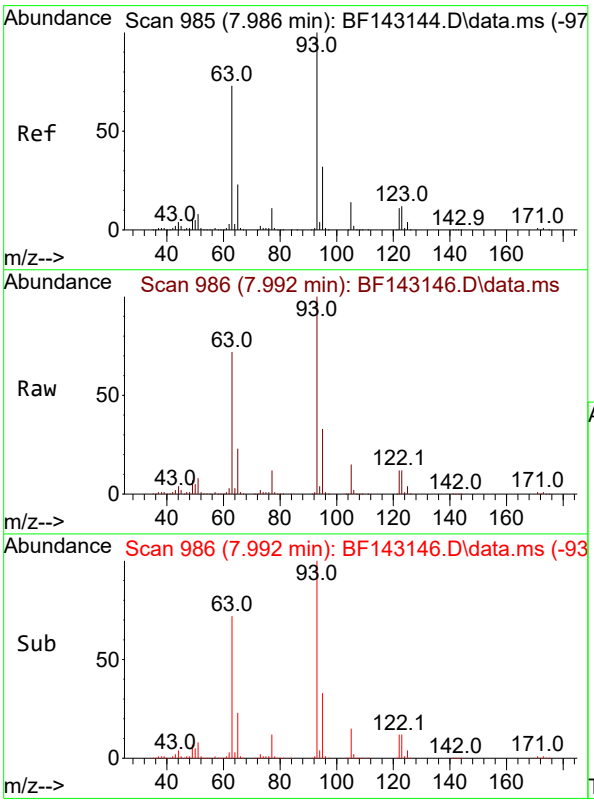
Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.6
121	58.4	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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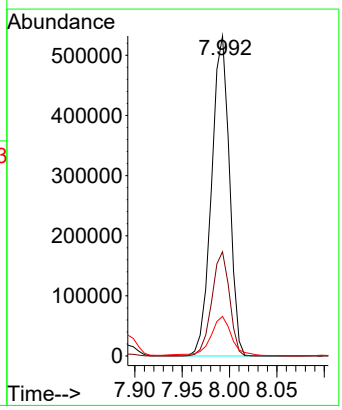
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

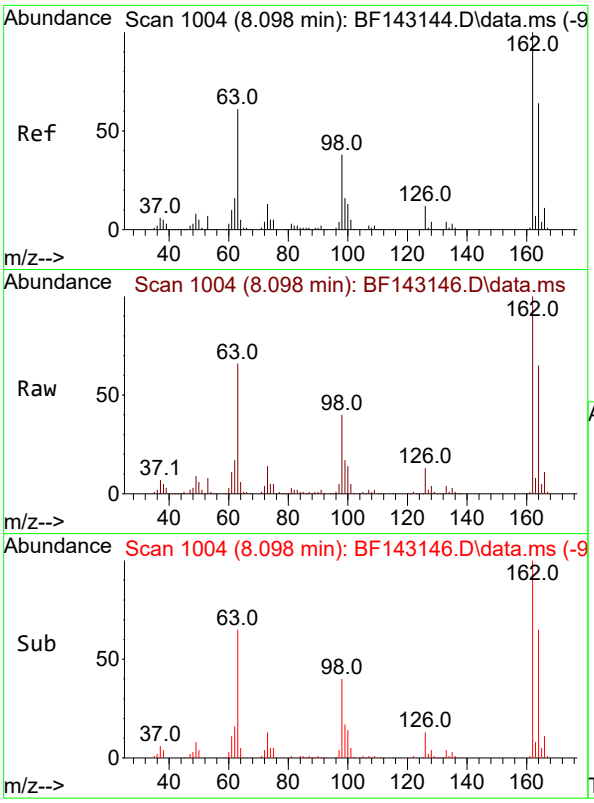


#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.4	9.7	14.5

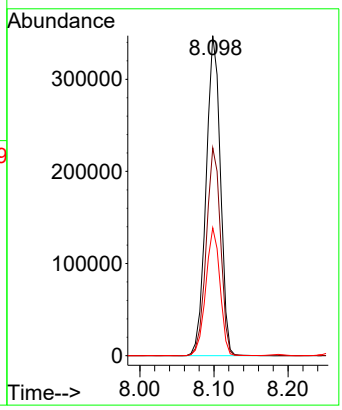




#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 46680

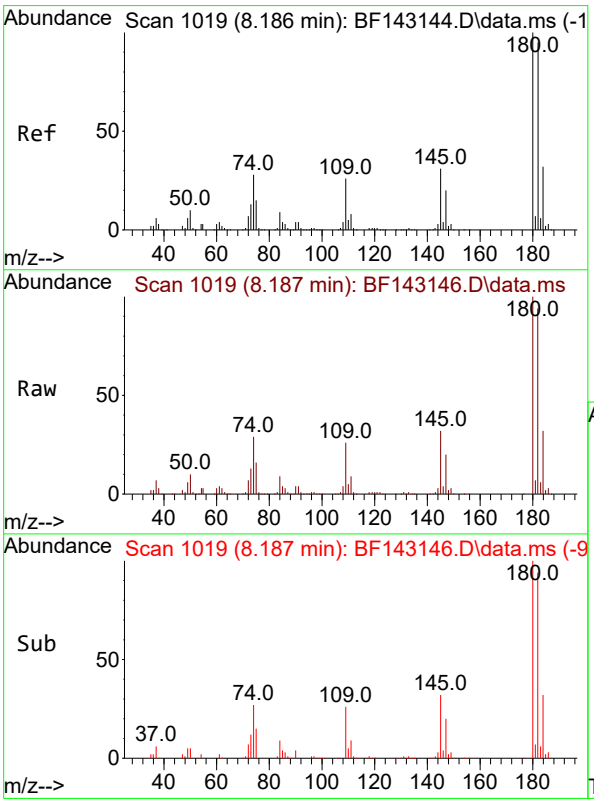
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	39.9	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

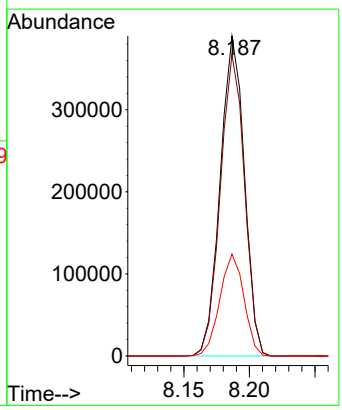
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

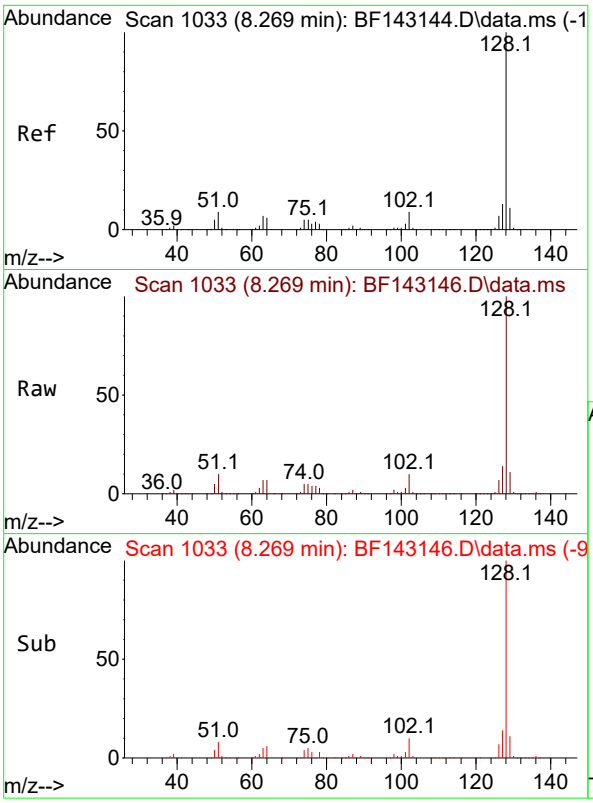


#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.8	25.0	37.6

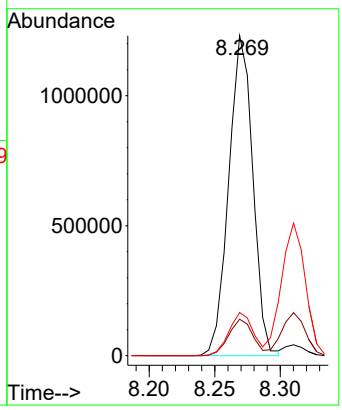




#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 157569

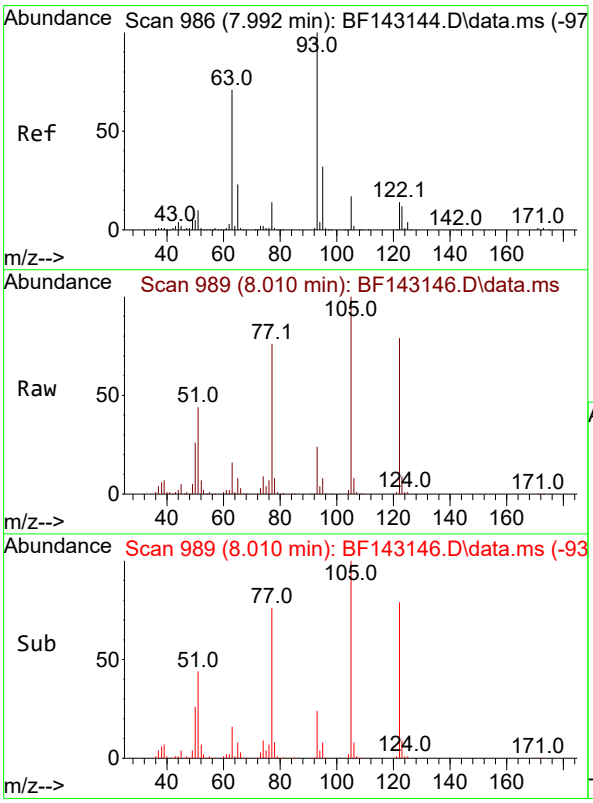
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

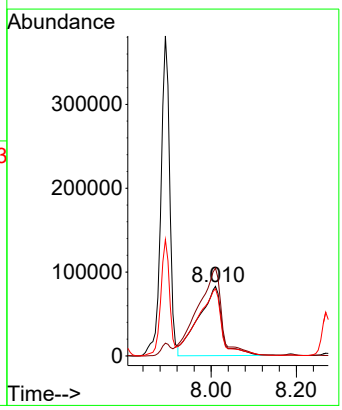
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

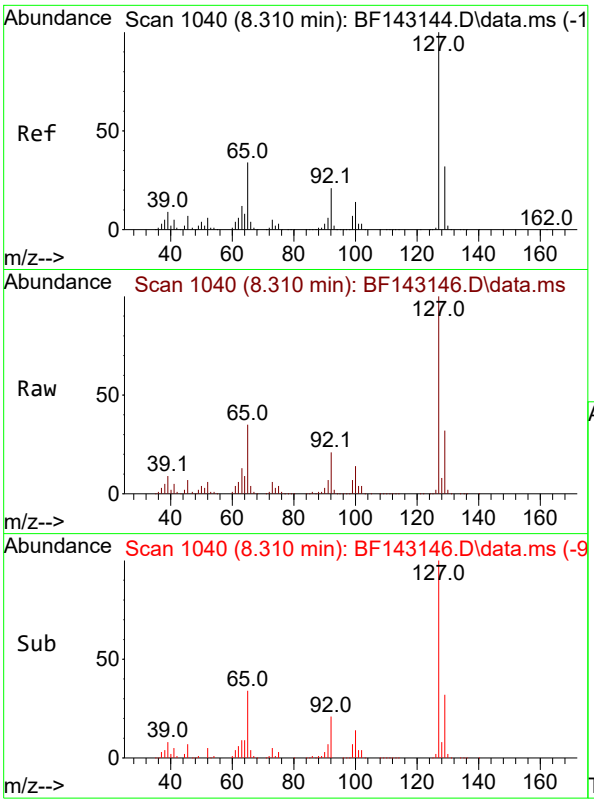


#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	96.5	77.6	117.6

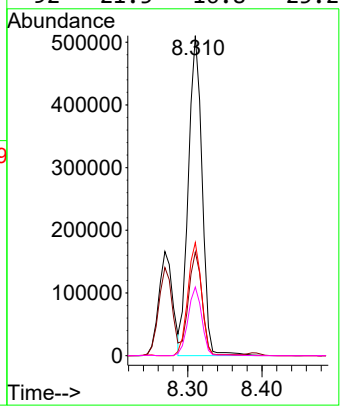




#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:127 Resp: 65946

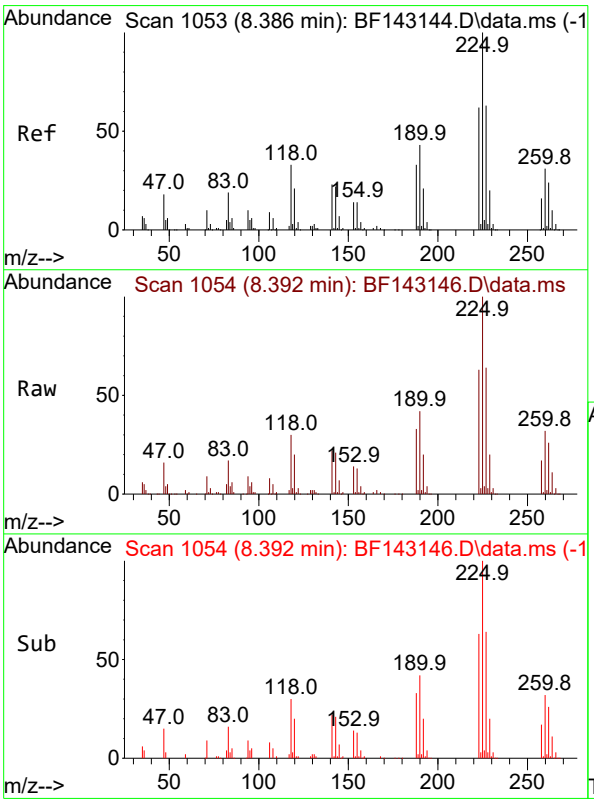
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.5	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

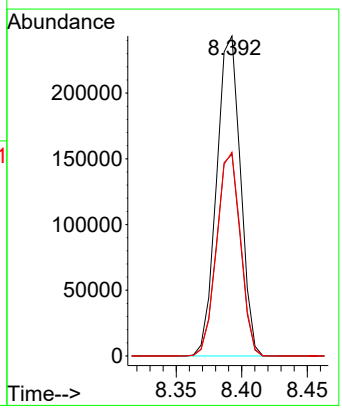
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

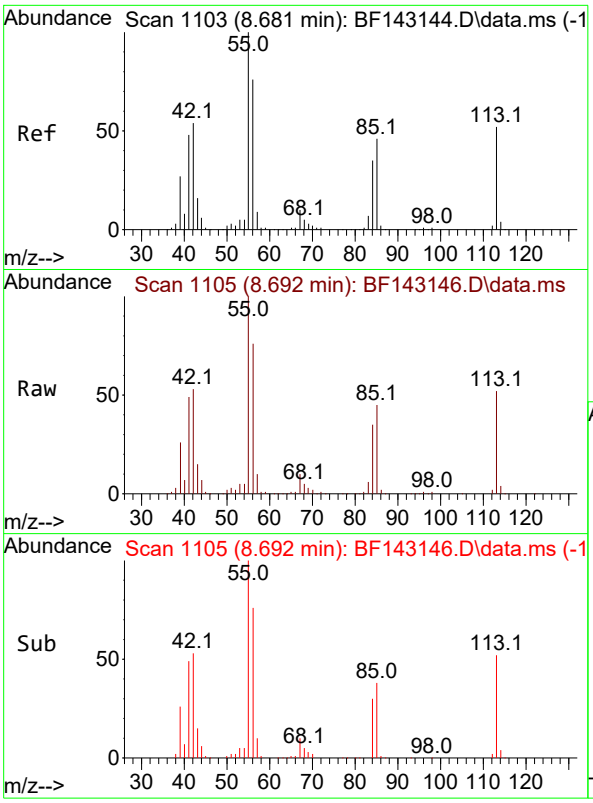


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.7	50.2	75.4

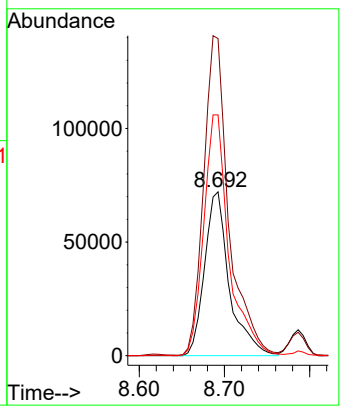




#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:113 Resp: 14589

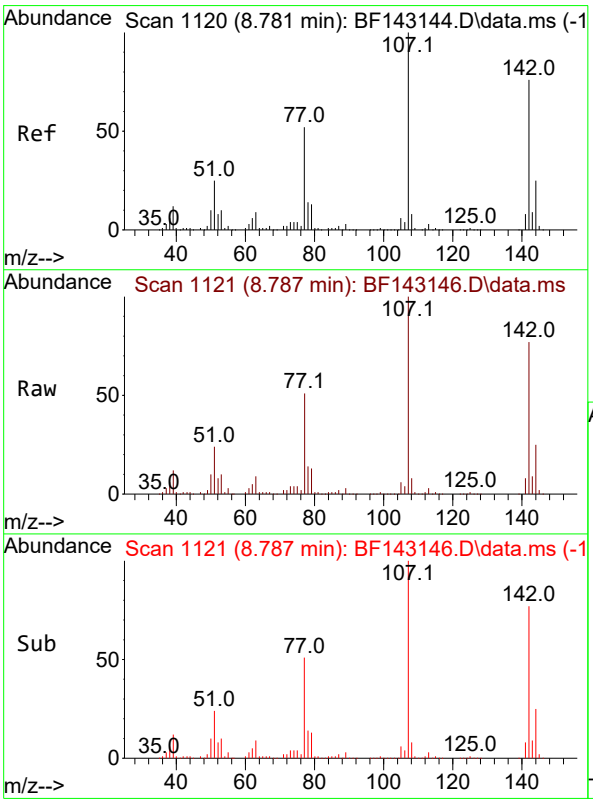
Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	146.9	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

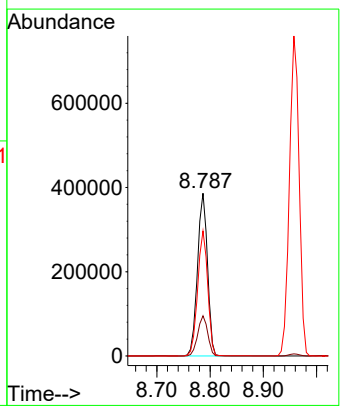
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

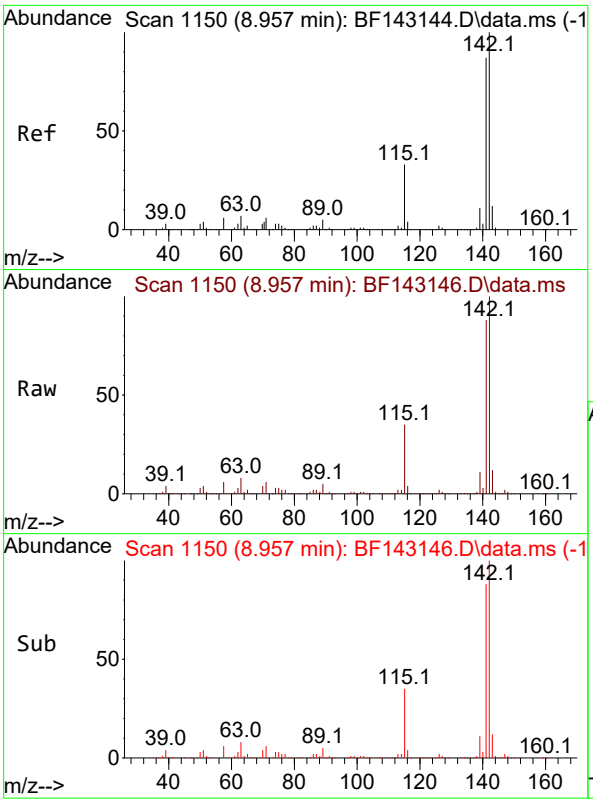


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.9	60.6	90.8





#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

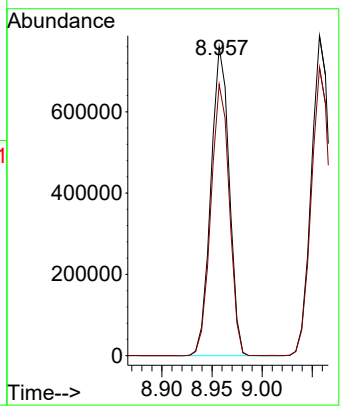
Tgt Ion:142 Resp: 96603

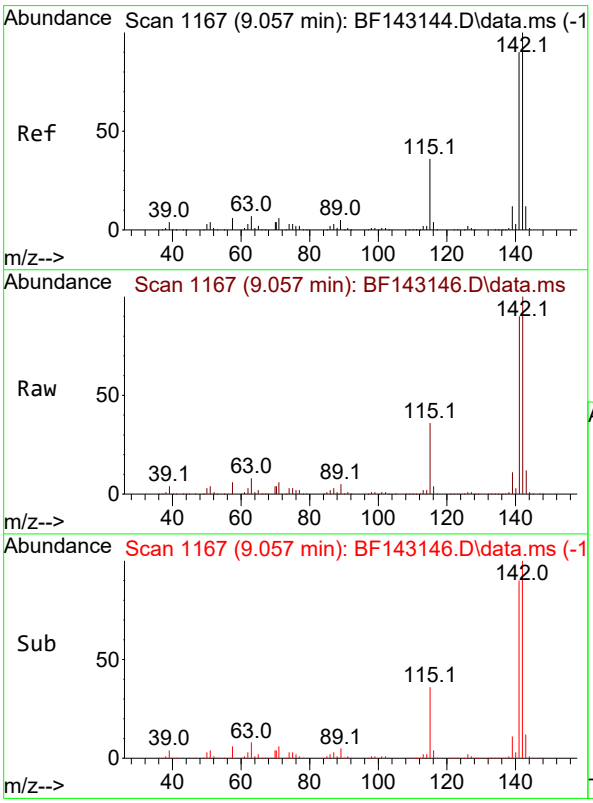
Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
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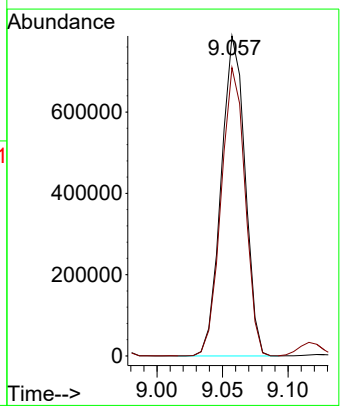


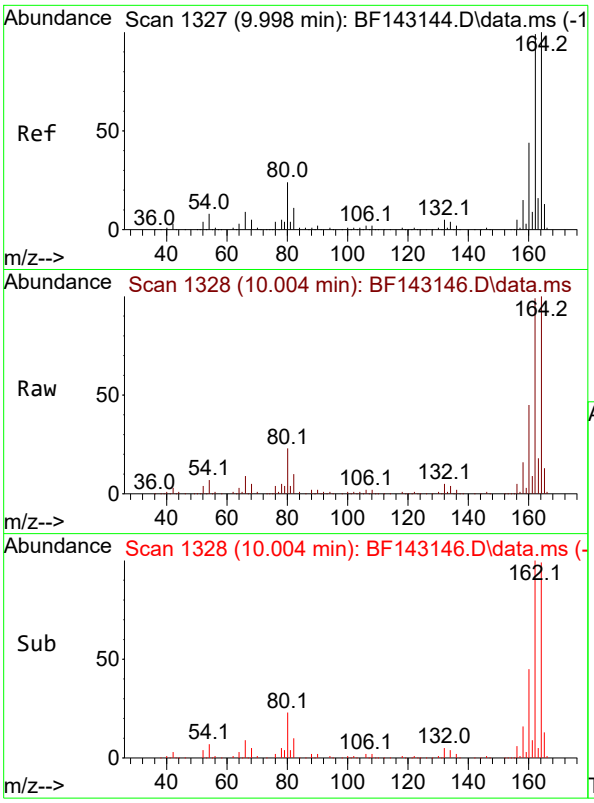


#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5

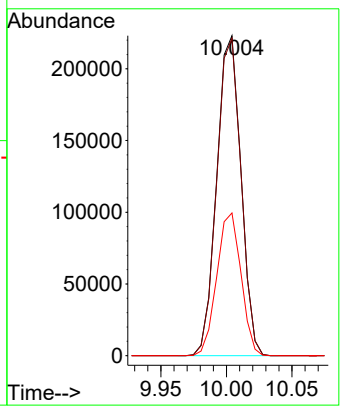




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:164 Resp: 28654

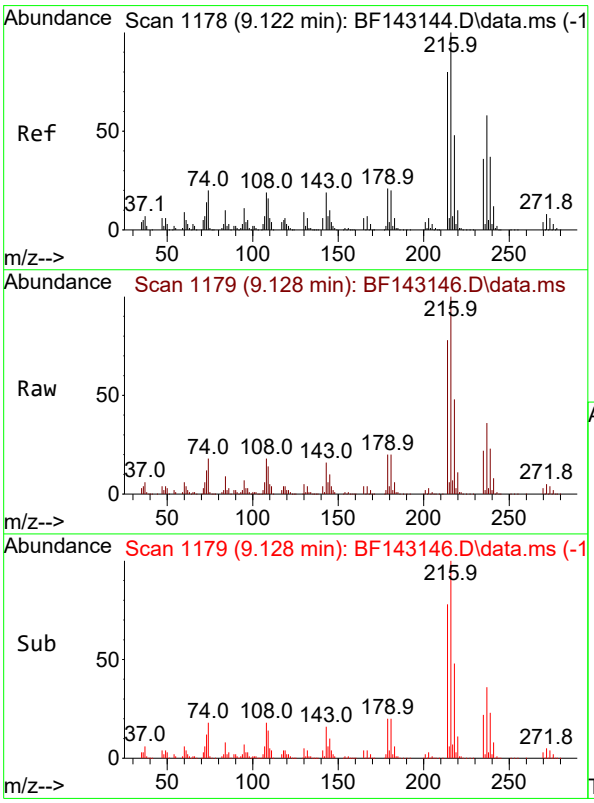
Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.6	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

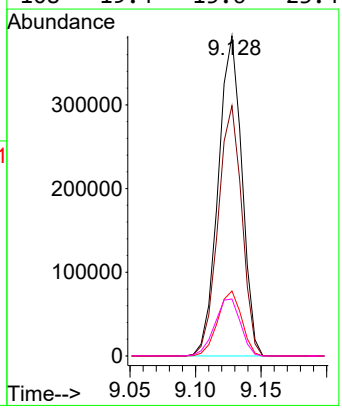
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

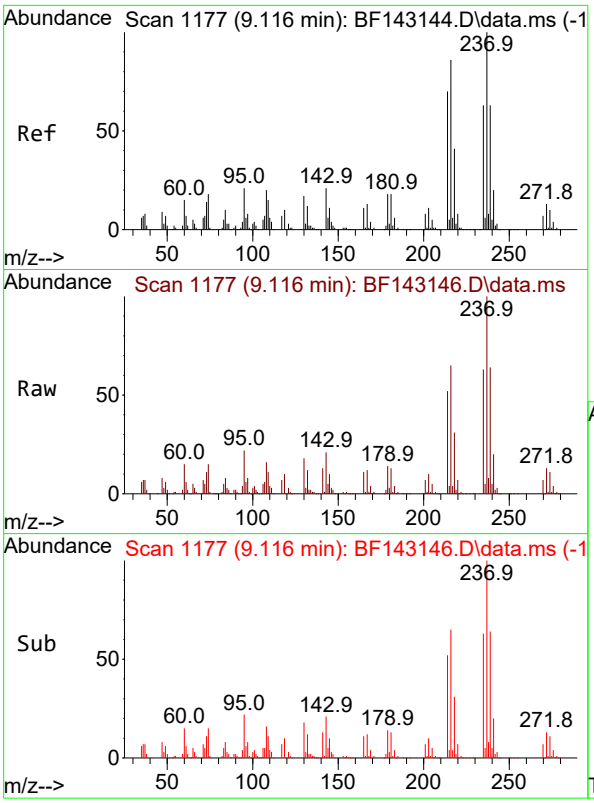


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	20.4	16.4	24.6
108	19.4	15.6	23.4

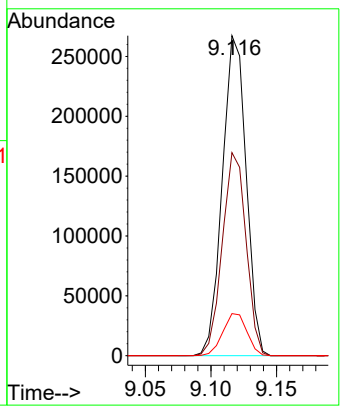




#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:237 Resp: 33783

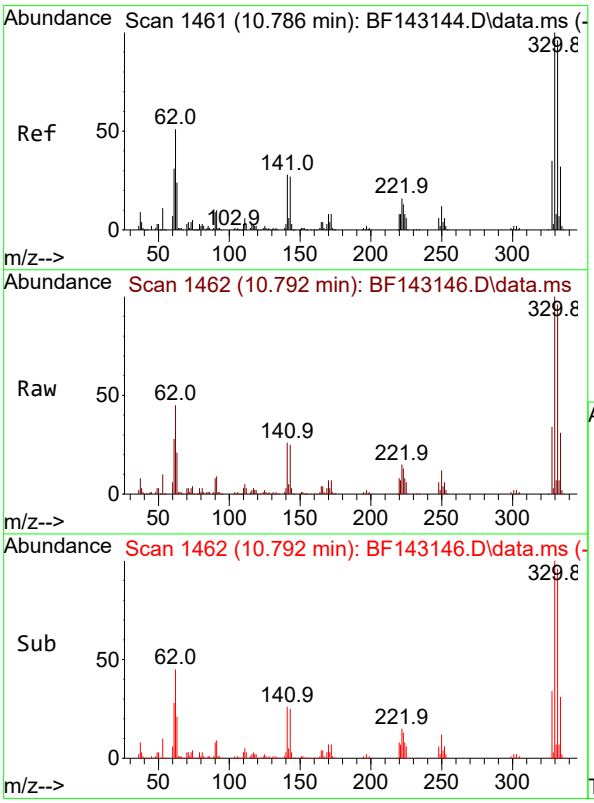
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.2	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

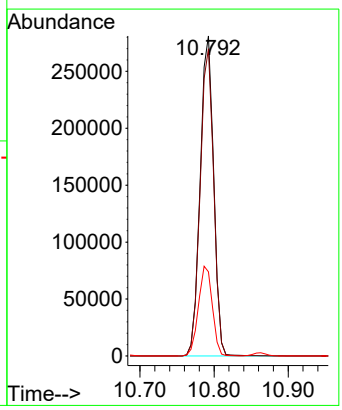
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

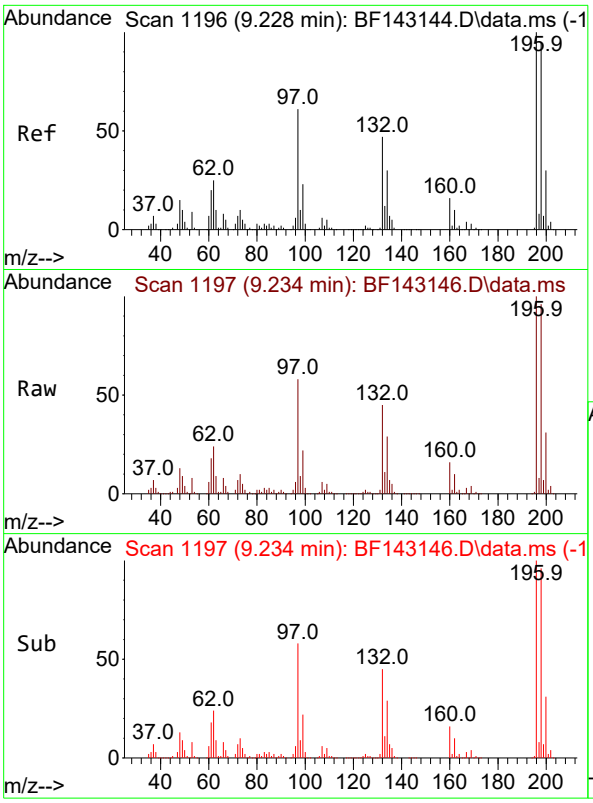


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	28.9	23.3	34.9

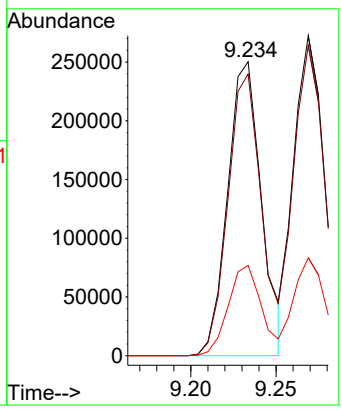




#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 34494

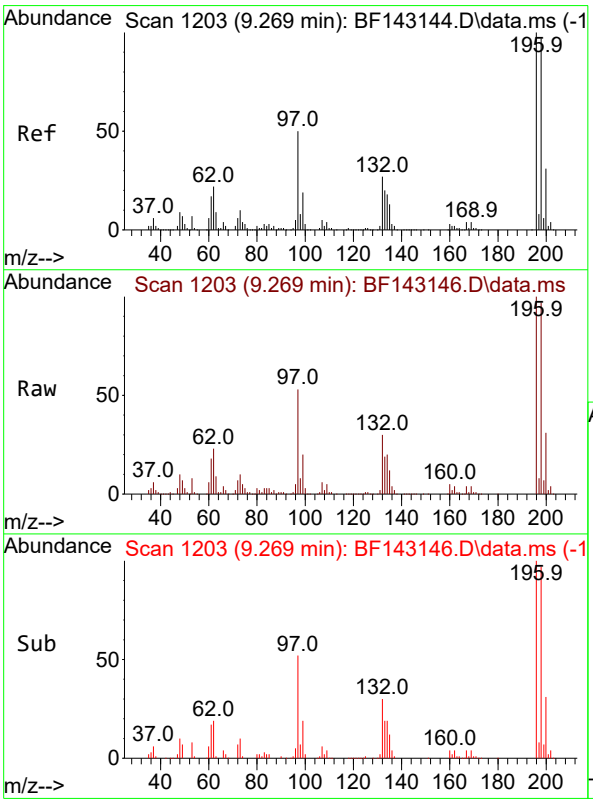
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	30.7	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

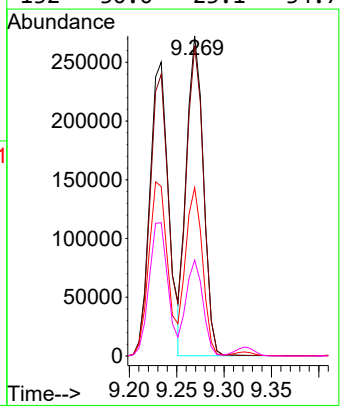
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

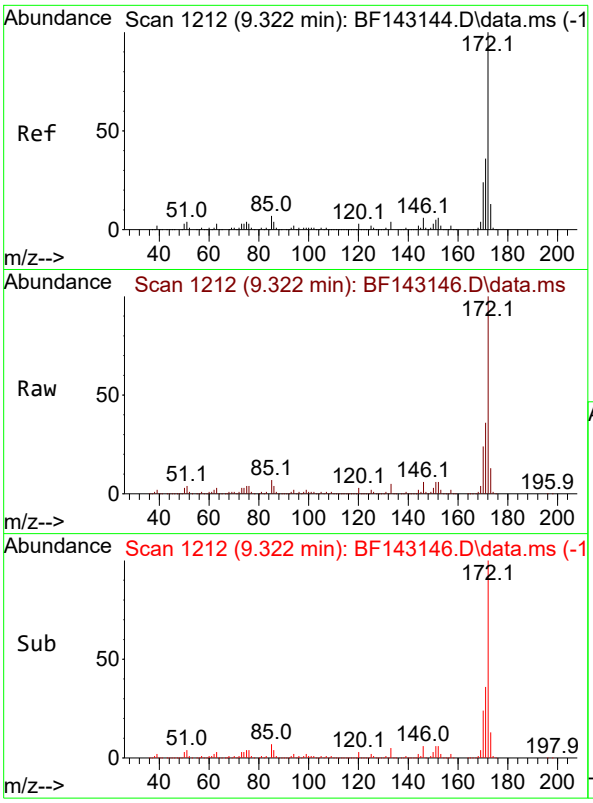


#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.6	40.3	60.5
132	30.0	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

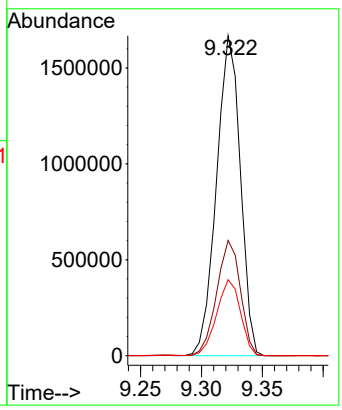
Tgt Ion:172 Resp: 227450

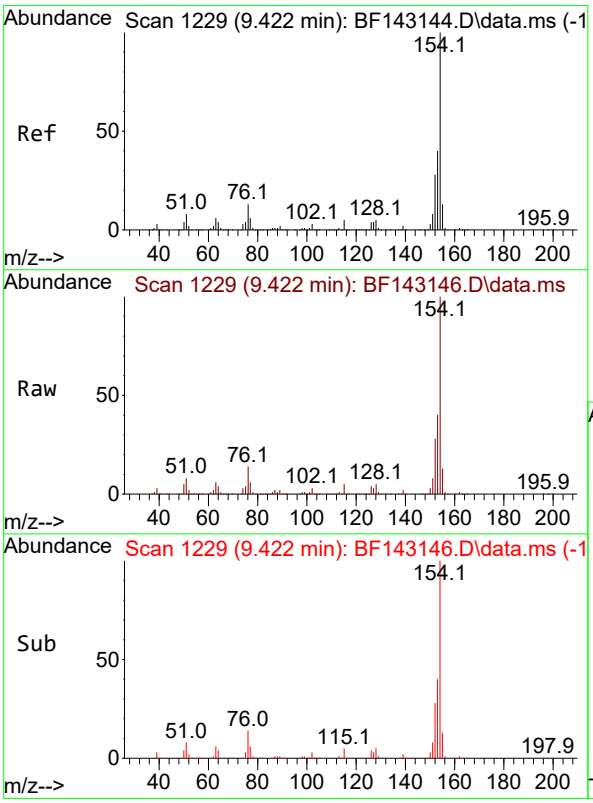
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

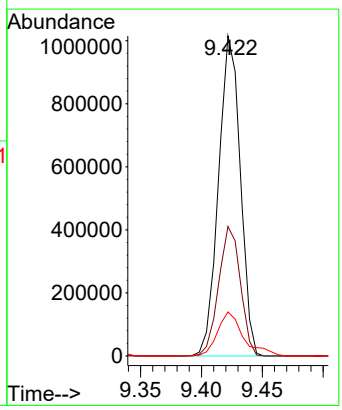


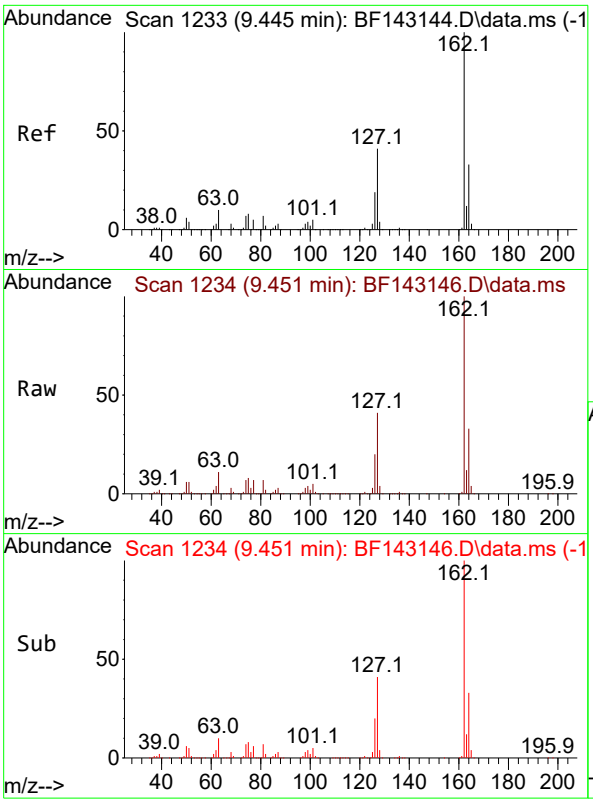


#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3

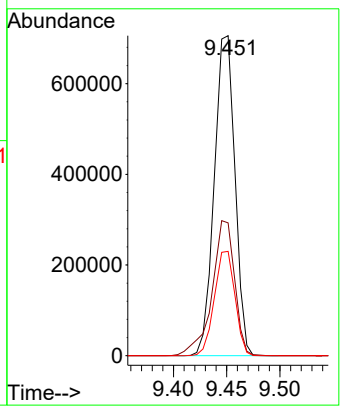




#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 94891

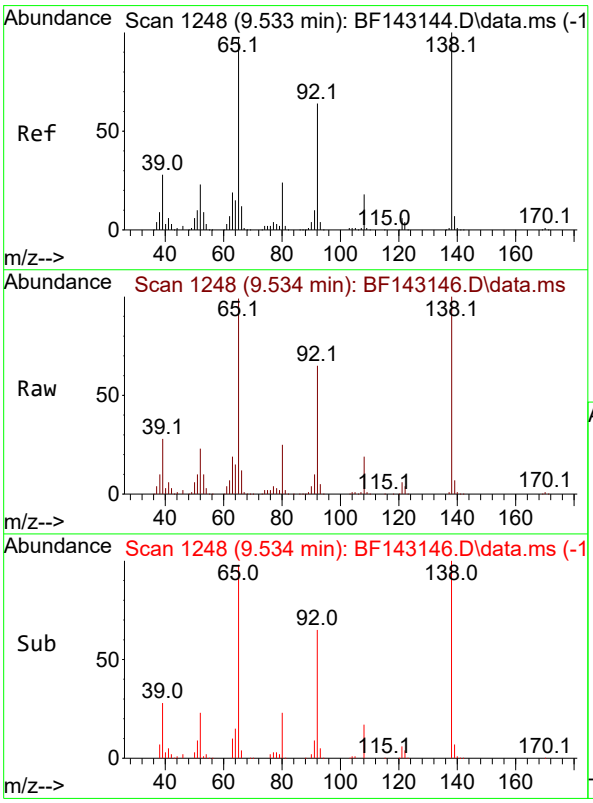
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

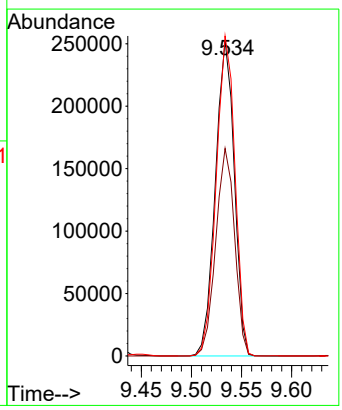
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

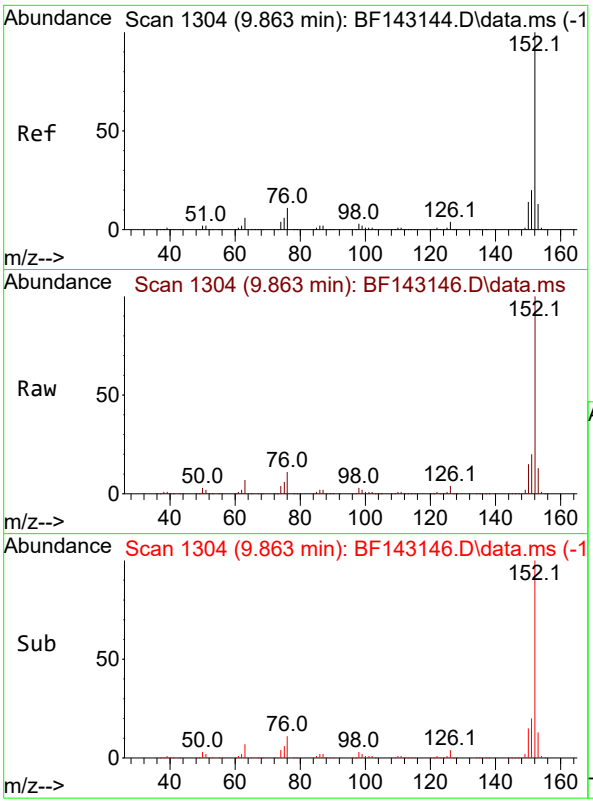


#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5

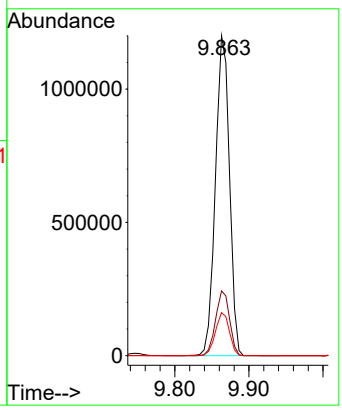




#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 157624

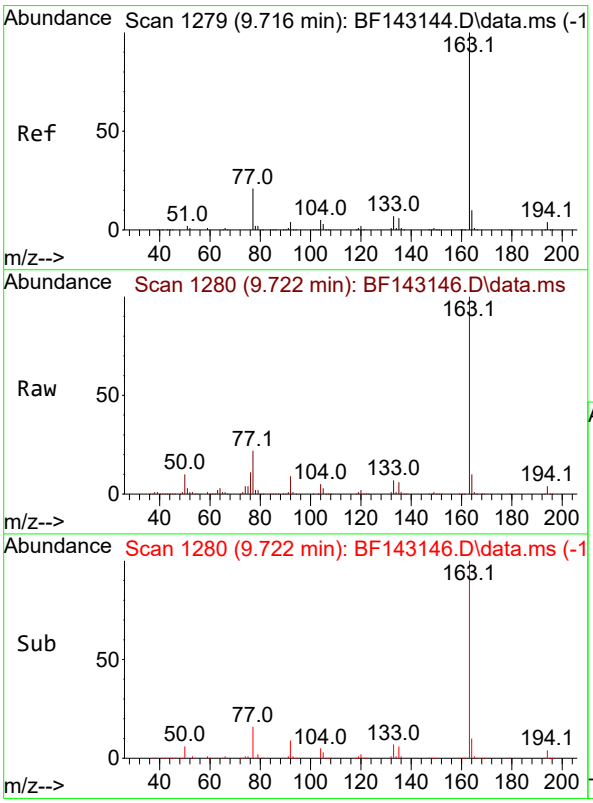
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

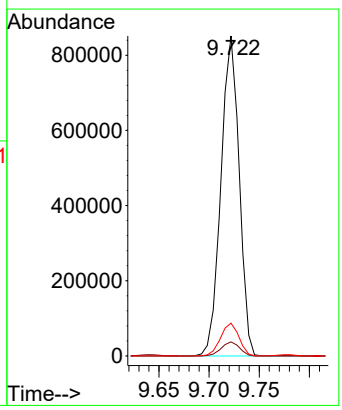
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

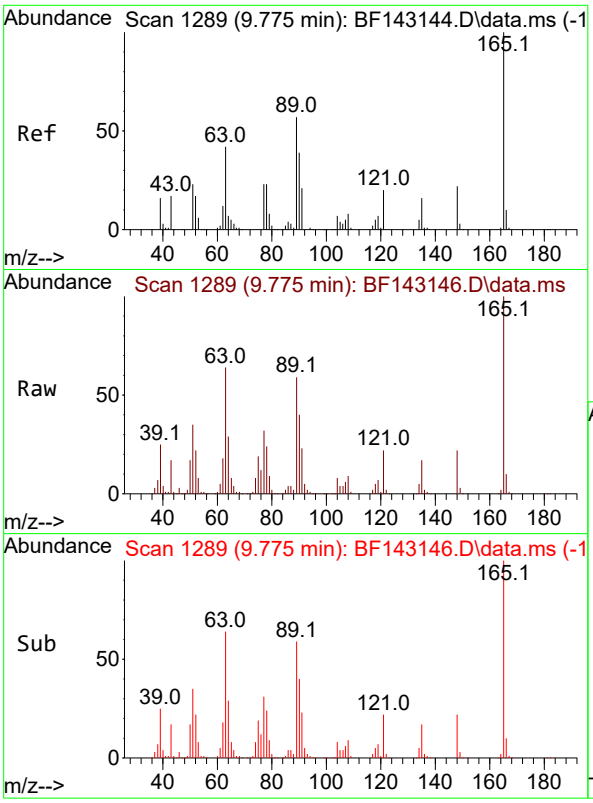


#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5

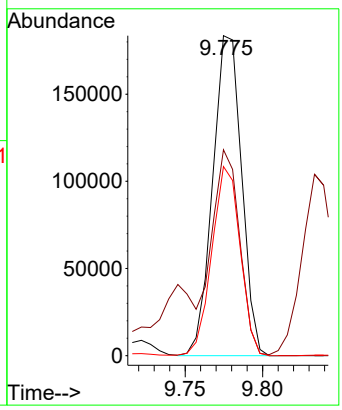




#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 23810

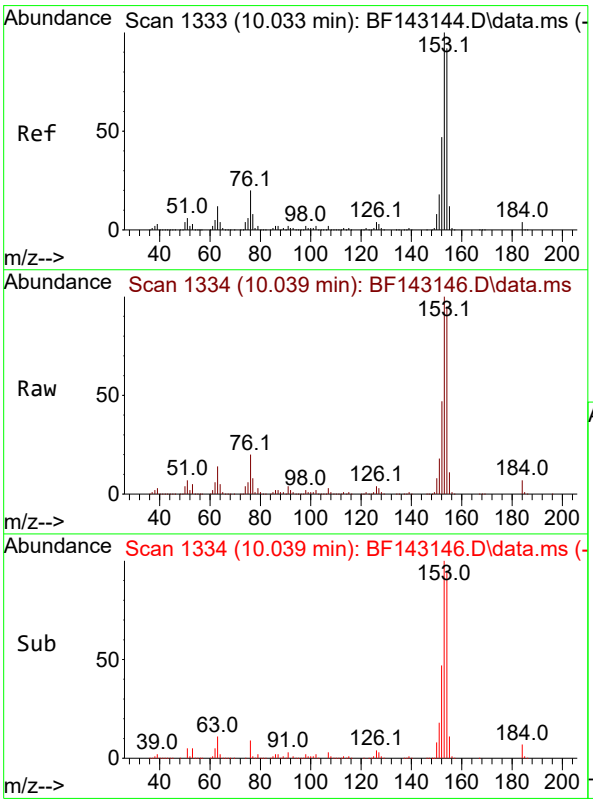
Ion	Ratio	Lower	Upper
165	100		
63	64.4	49.4	74.2
89	59.1	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

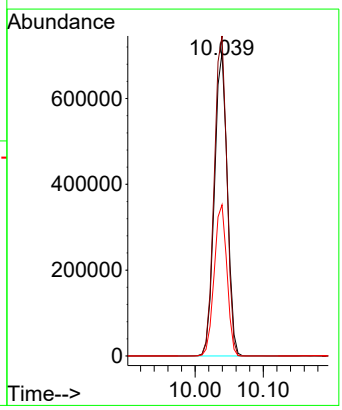
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

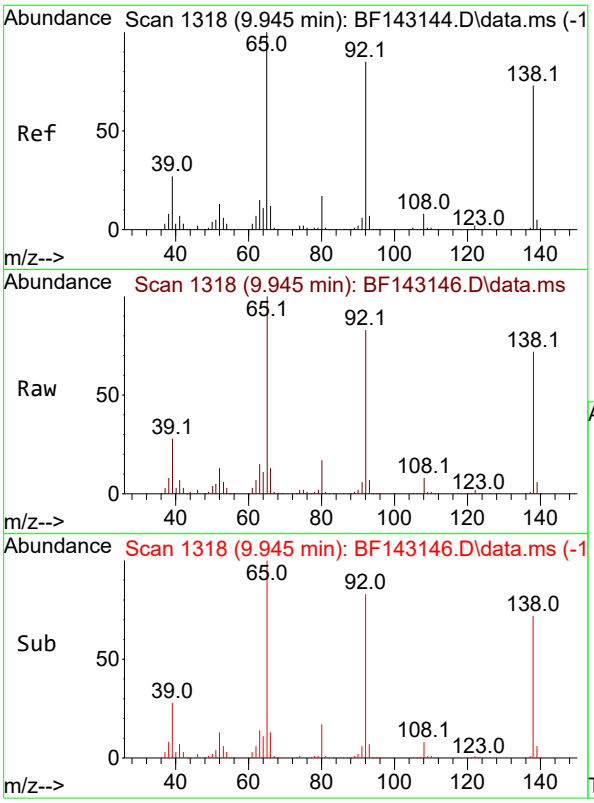


#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

Ion	Ratio	Lower	Upper
154	100		
153	105.6	86.6	129.8
152	49.9	40.4	60.6

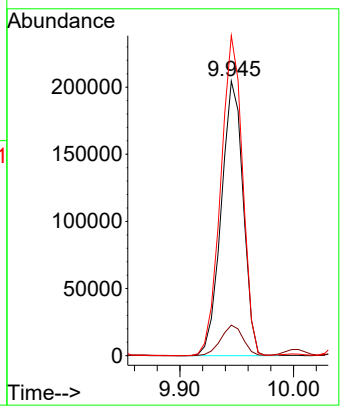




#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 27350

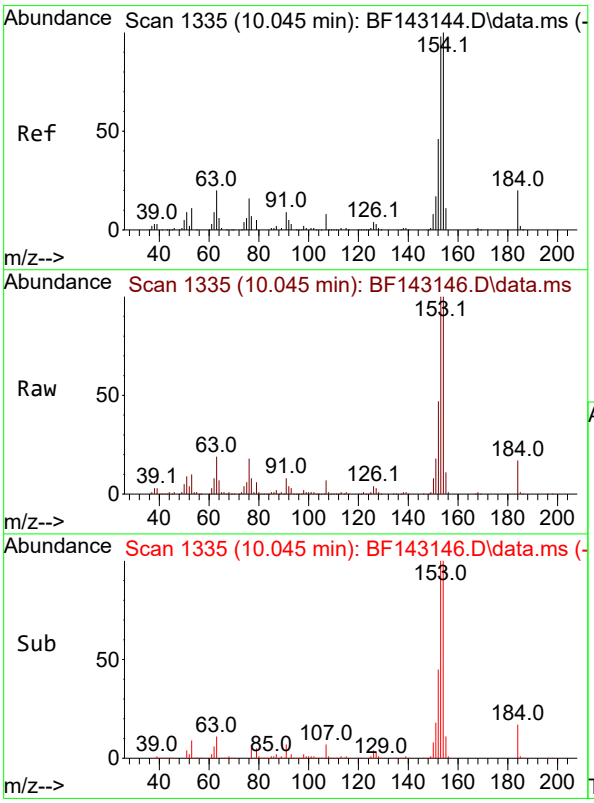
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.5	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

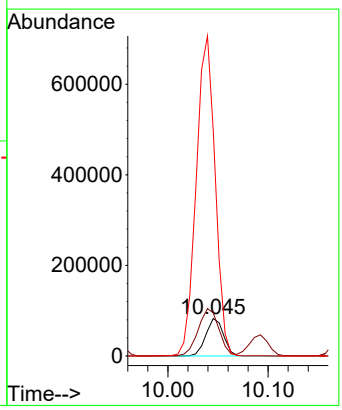
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

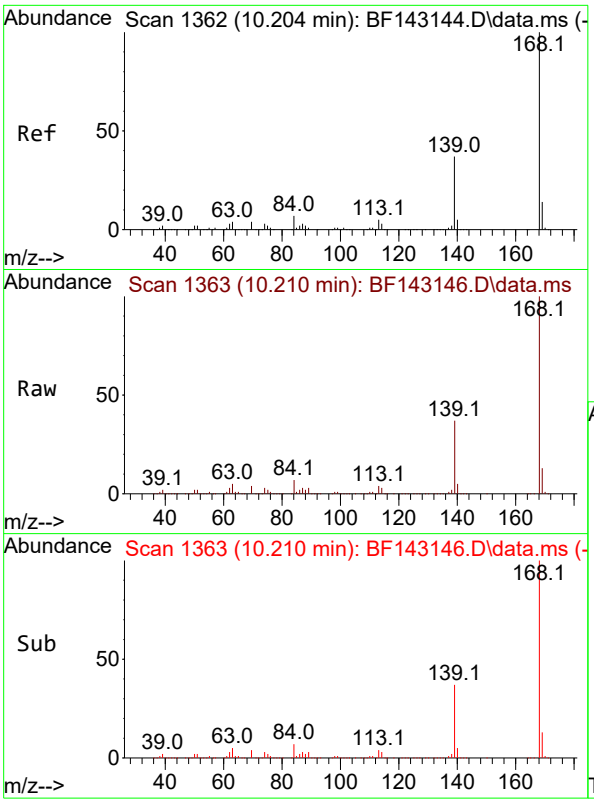


#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

Ion	Ratio	Lower	Upper
184	100		
63	115.6	81.8	122.6
154	603.3	412.2	618.4

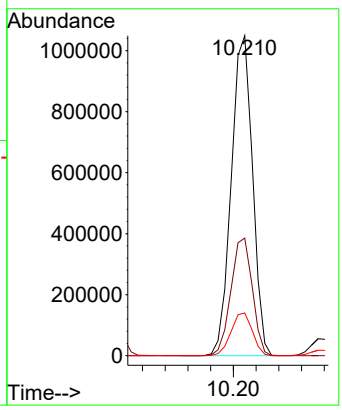




#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:168 Resp: 136453

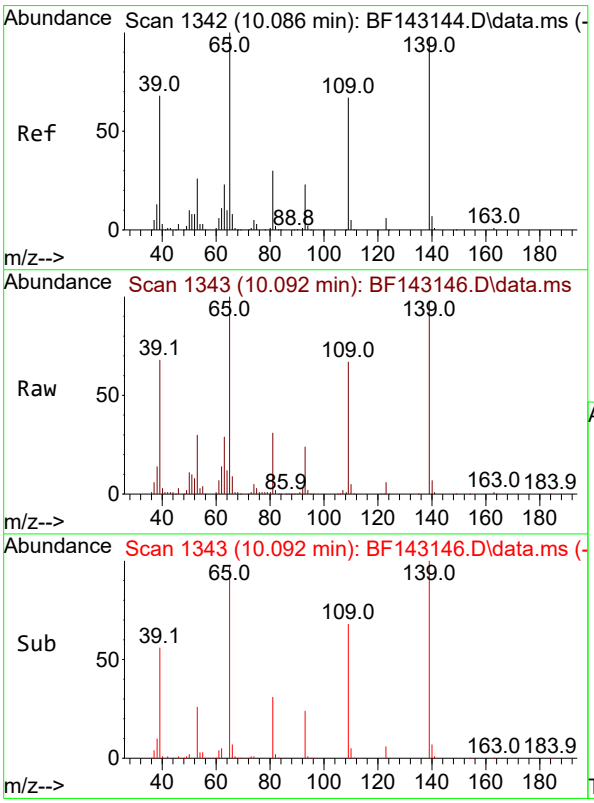
Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

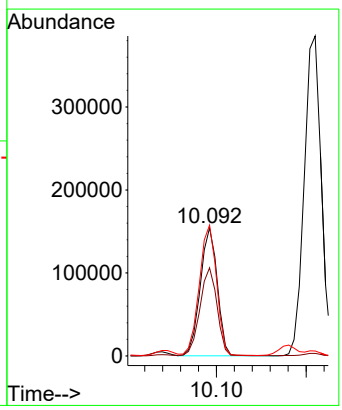
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

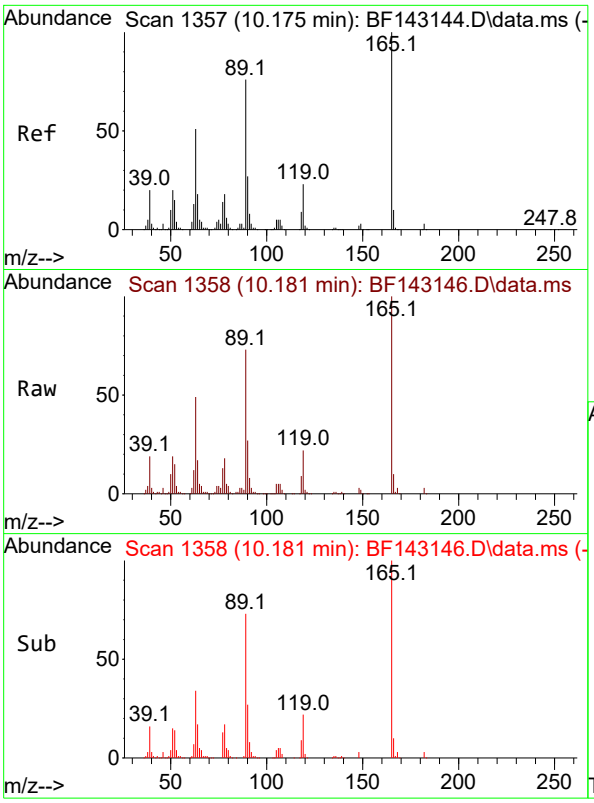


#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	102.2	83.4	123.4

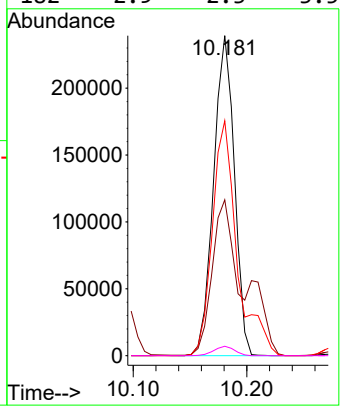




#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 30446

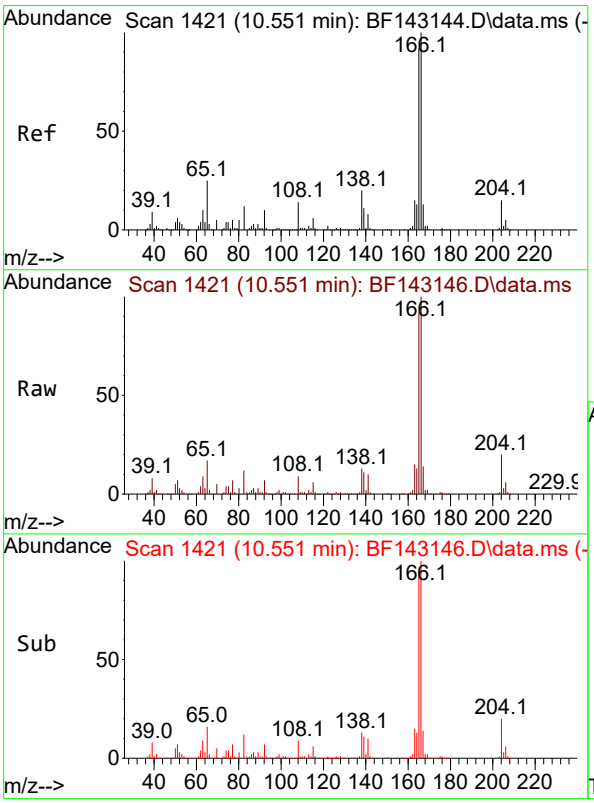
Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

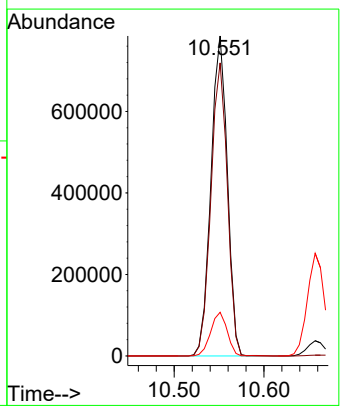
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

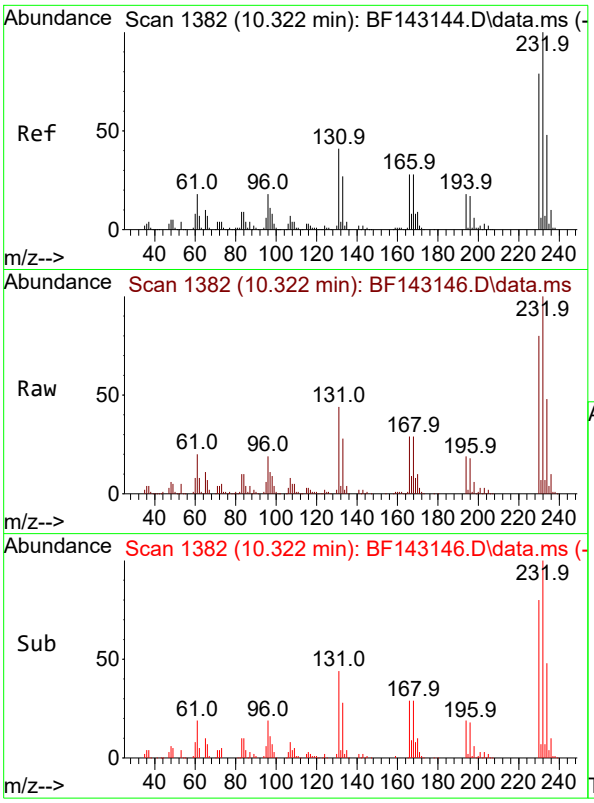


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.6	10.6	16.0

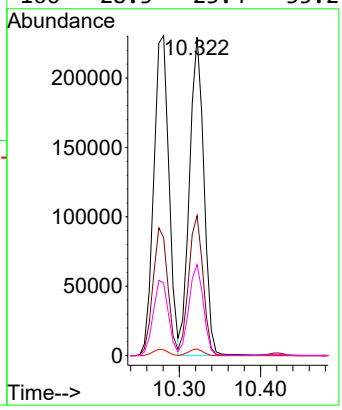




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:232 Resp: 28312

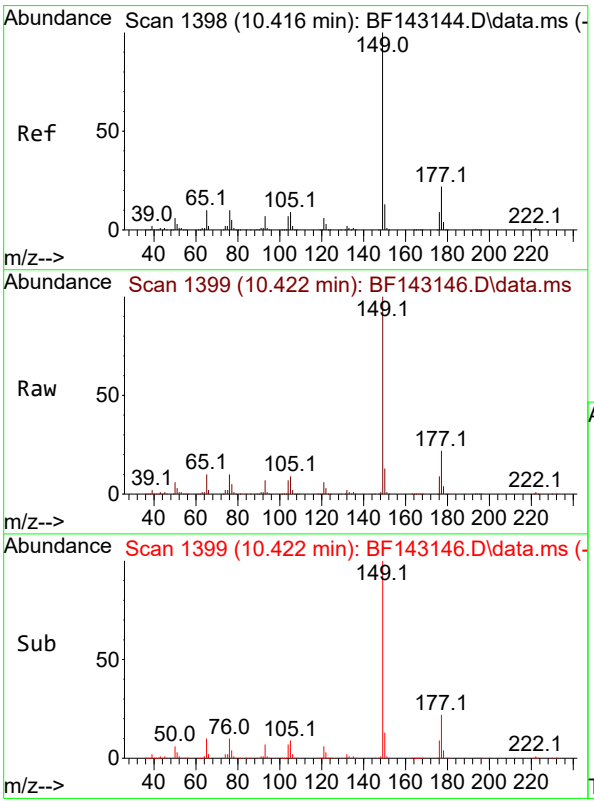
Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.3	52.9
130	2.1	1.7	2.5
166	28.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

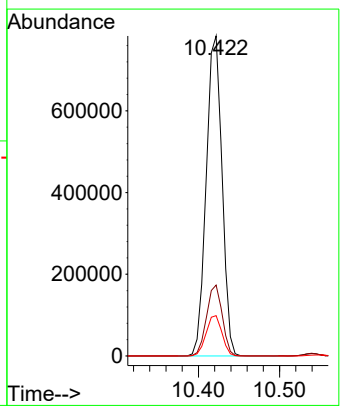
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

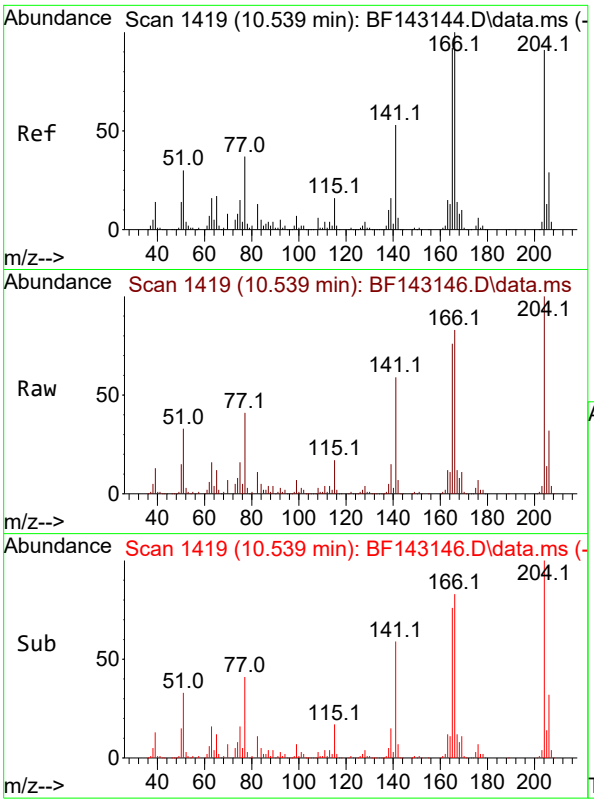


#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2

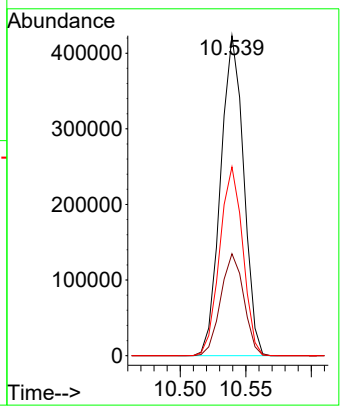




#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:204 Resp: 51698

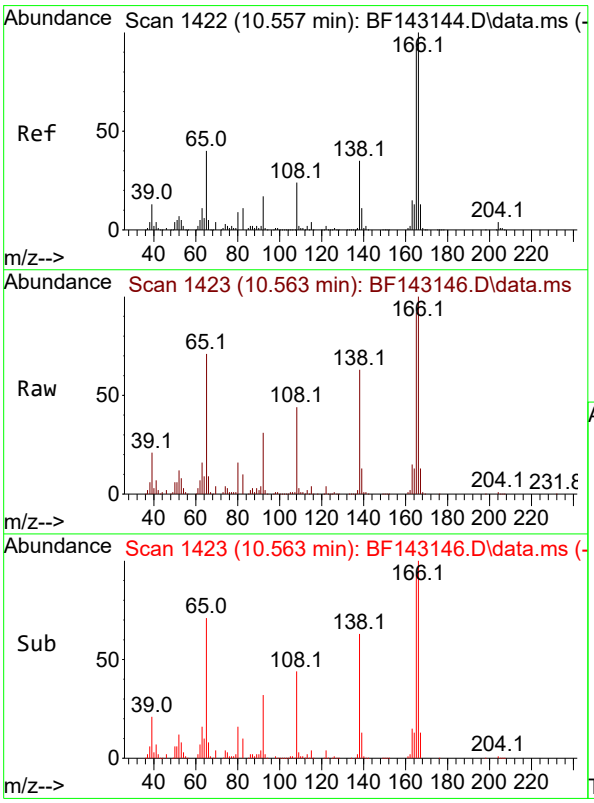
Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	59.0	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

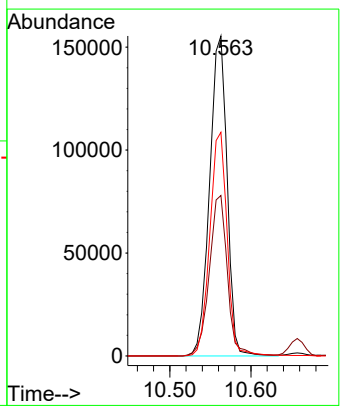
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

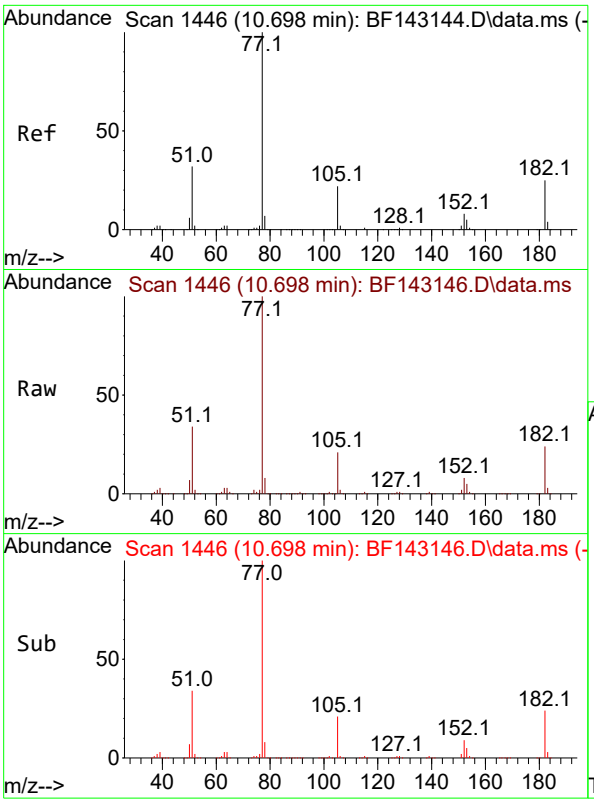


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.3	69.3
108	69.9	48.3	88.3

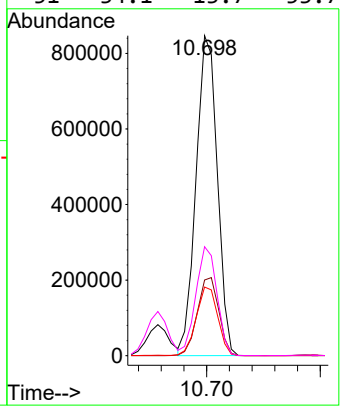




#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 109877

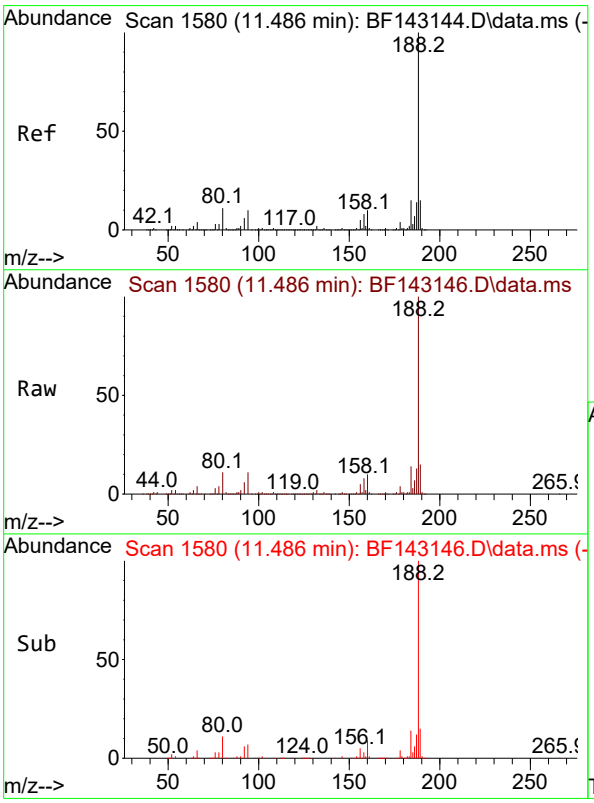
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.4	1.4	41.4
51	34.1	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

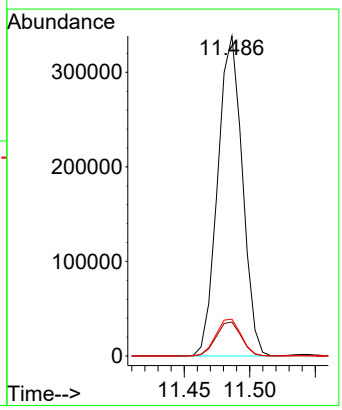
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

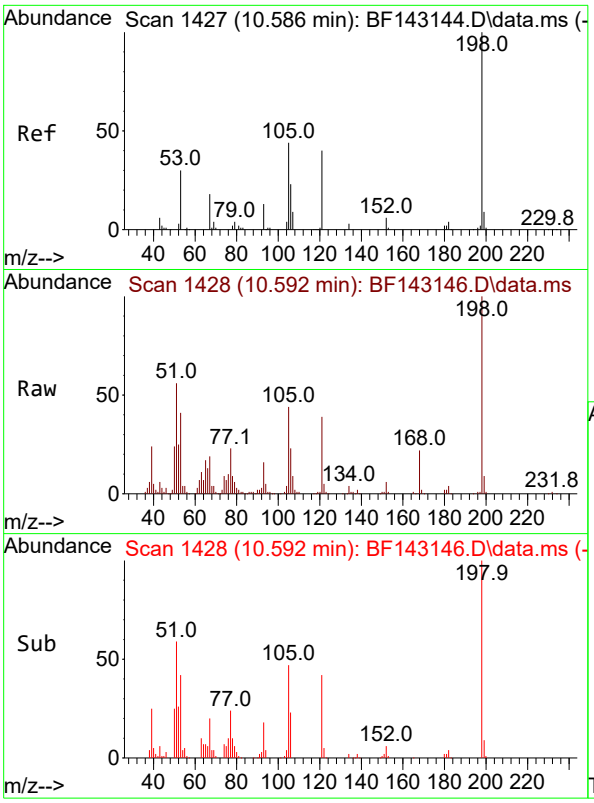


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.0	13.6

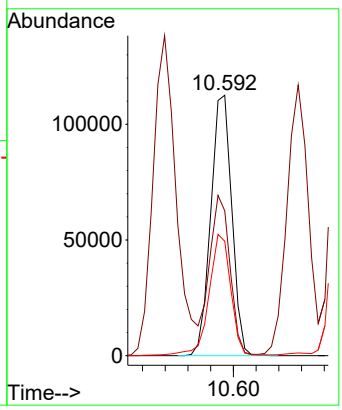




#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:198 Resp: 14475

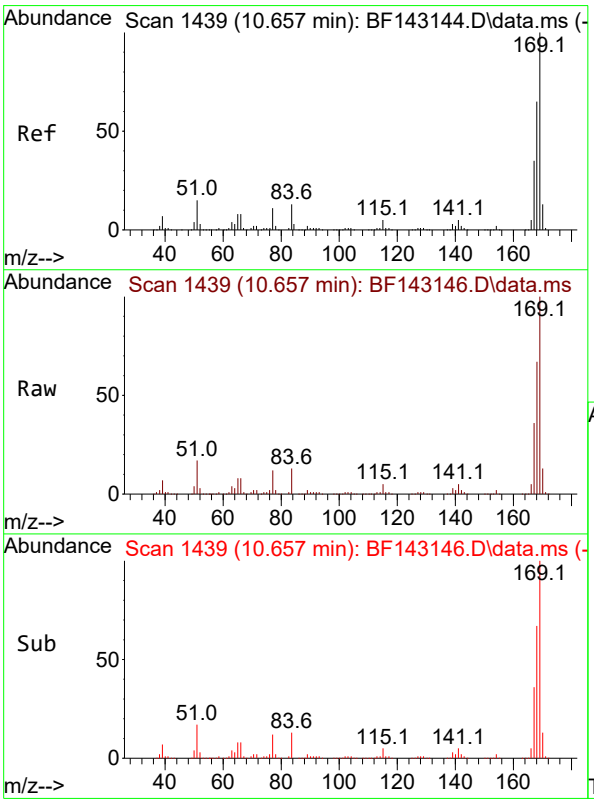
Ion	Ratio	Lower	Upper
198	100		
51	55.6	37.2	77.2
105	43.9	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

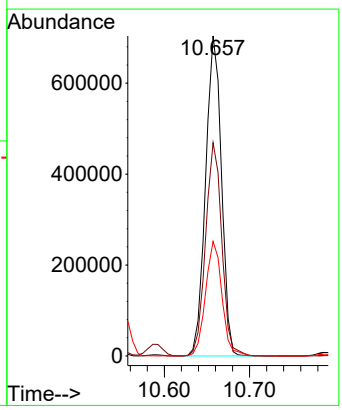
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

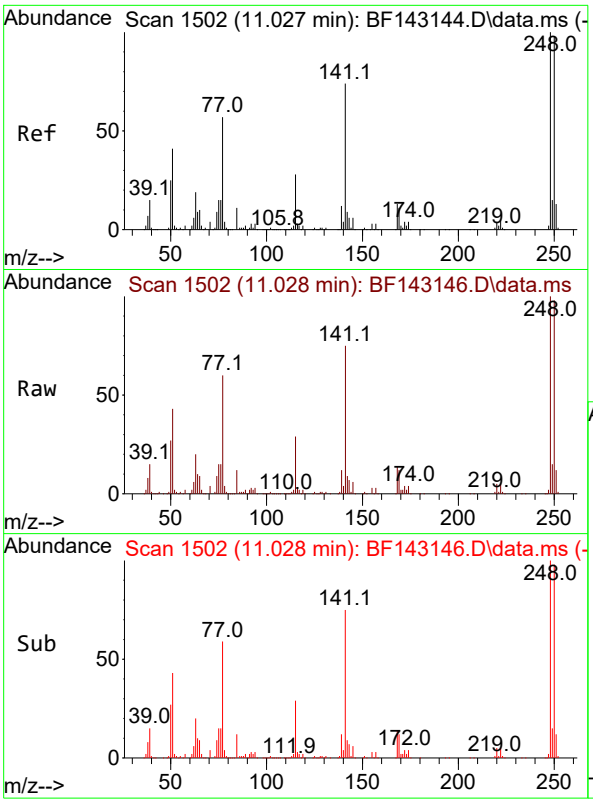


#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.1	78.1
167	35.8	28.2	42.2

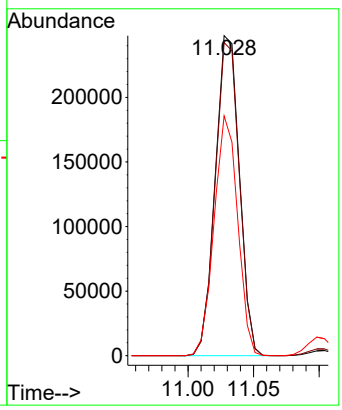




#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:248 Resp: 31808

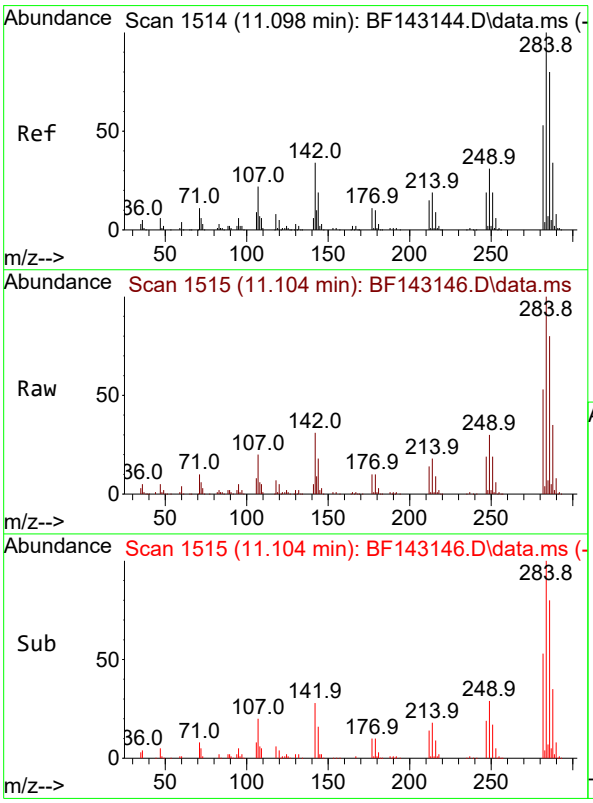
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	75.0	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

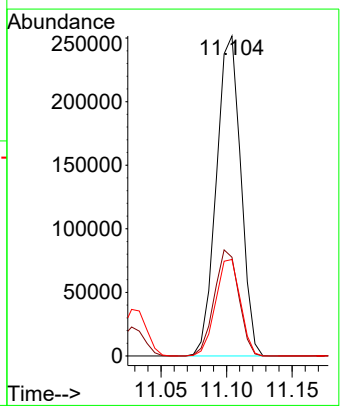
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

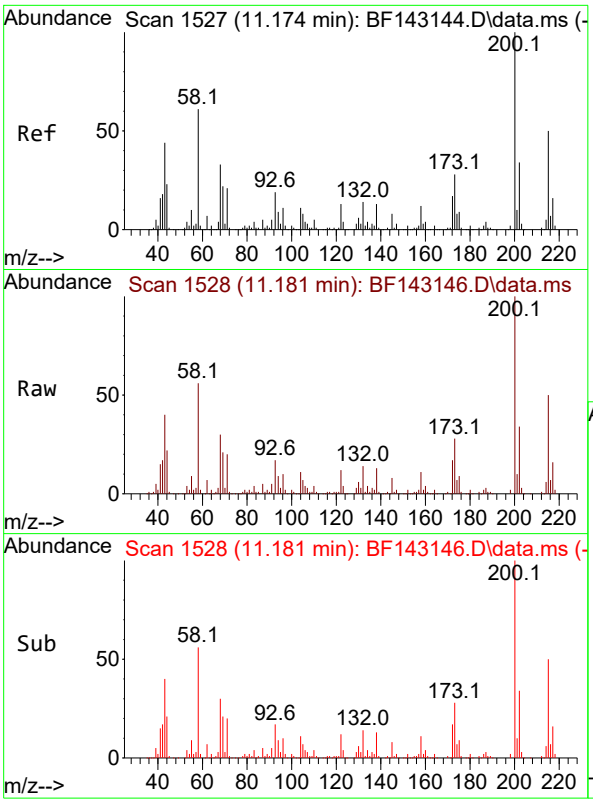


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.1	25.0	37.6

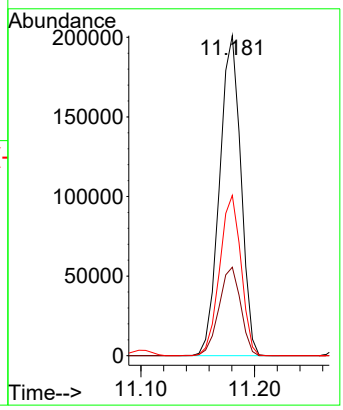




#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:200 Resp: 26237

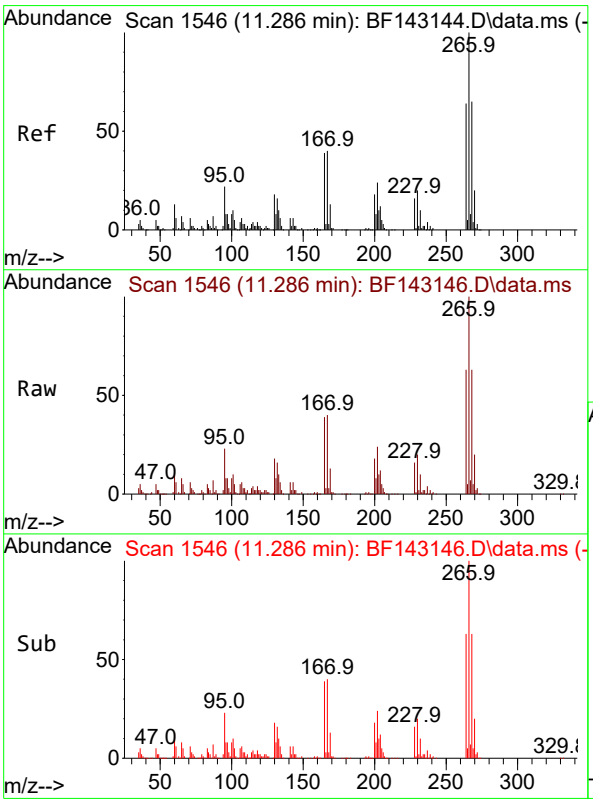
Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

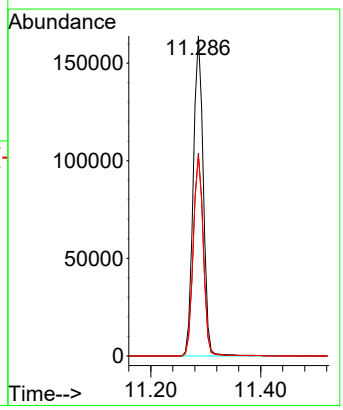
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

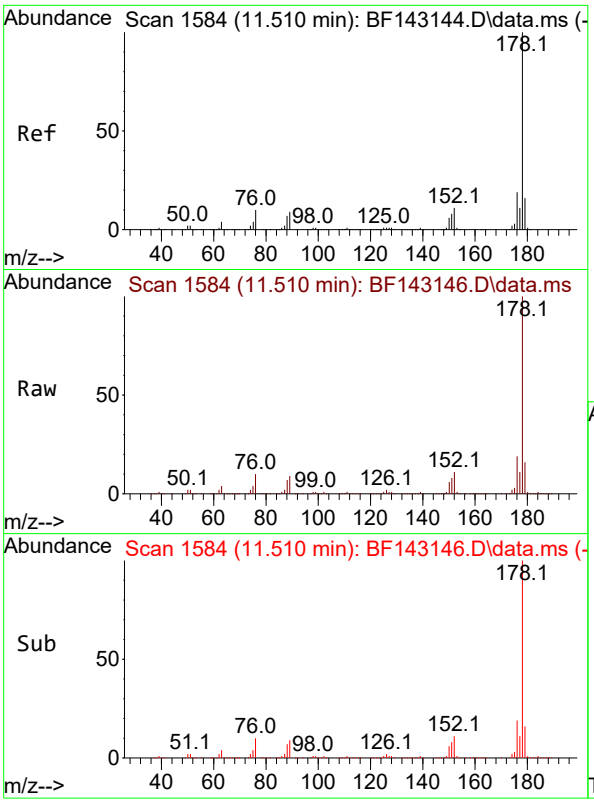


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.5	51.0	76.6

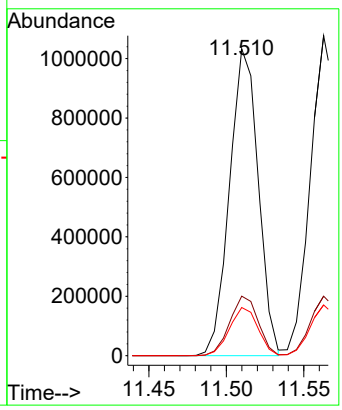




#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 133148

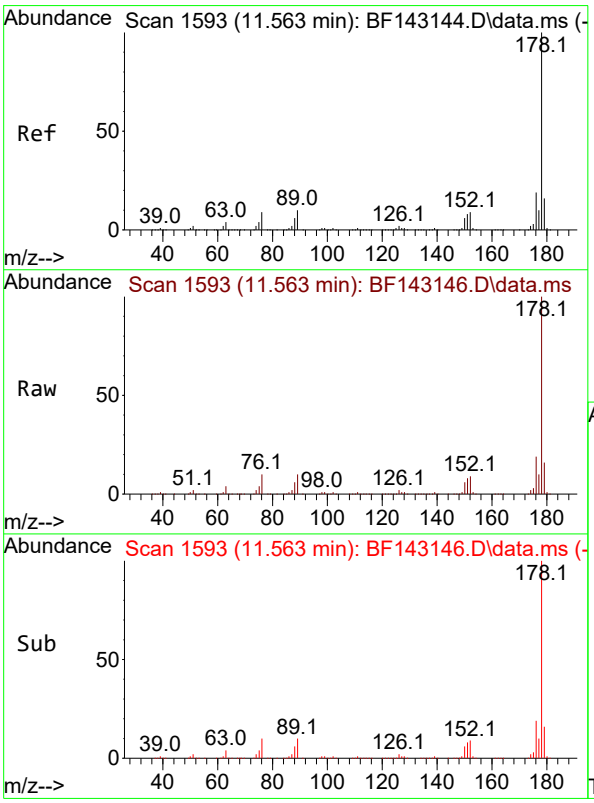
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

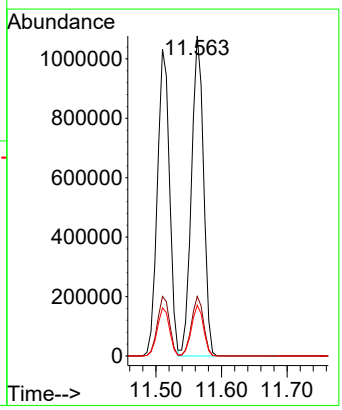
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

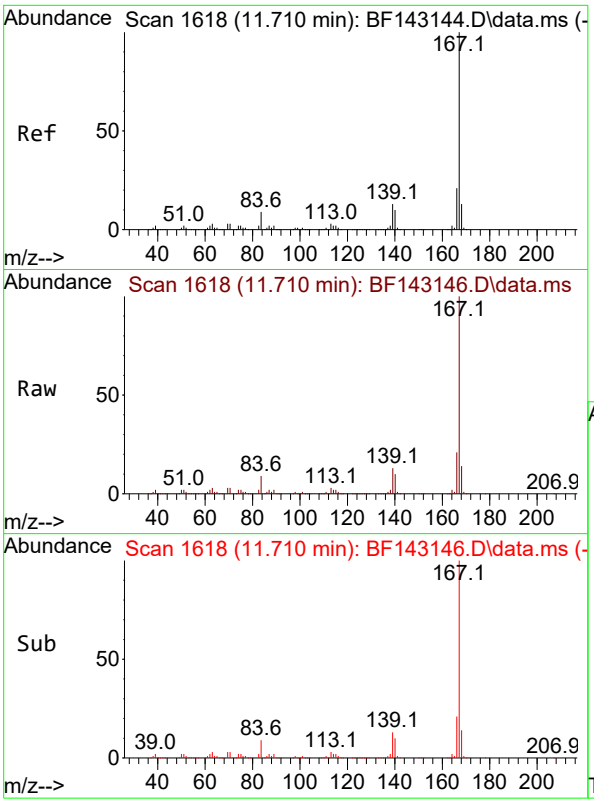


#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.5	18.7

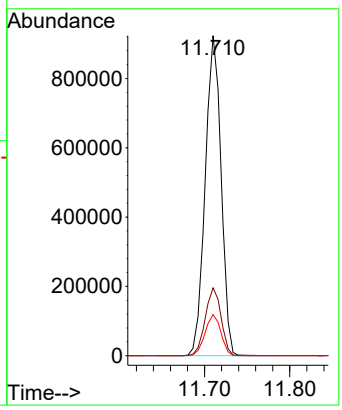




#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:167 Resp: 119402

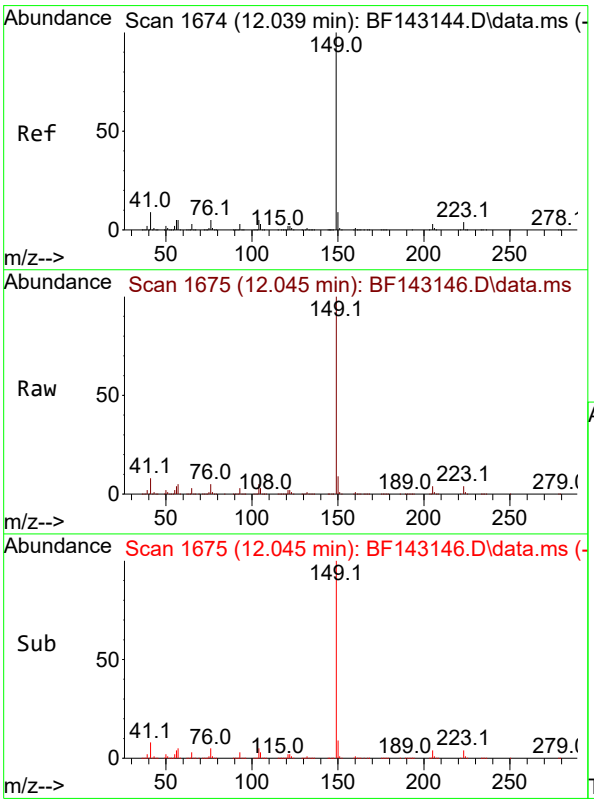
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

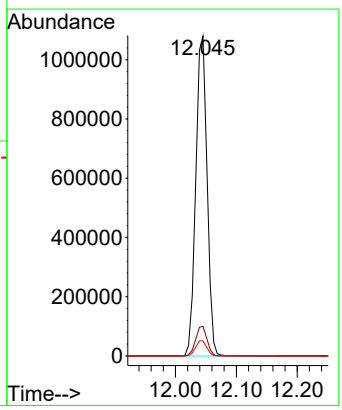
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

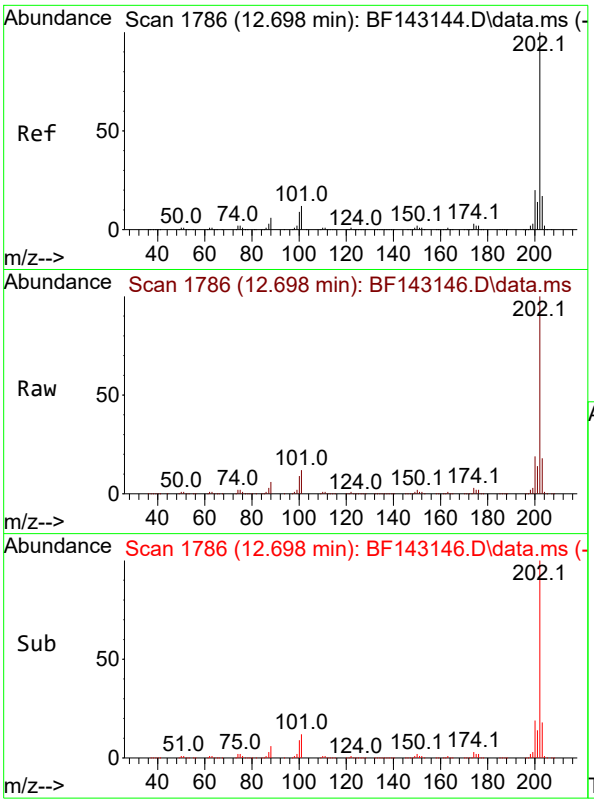


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8

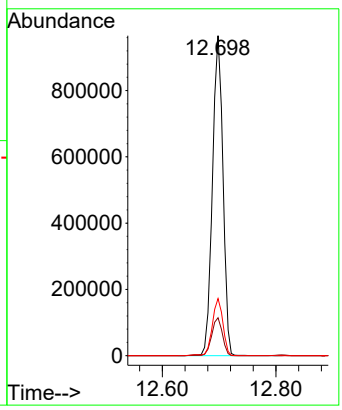




#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 123295

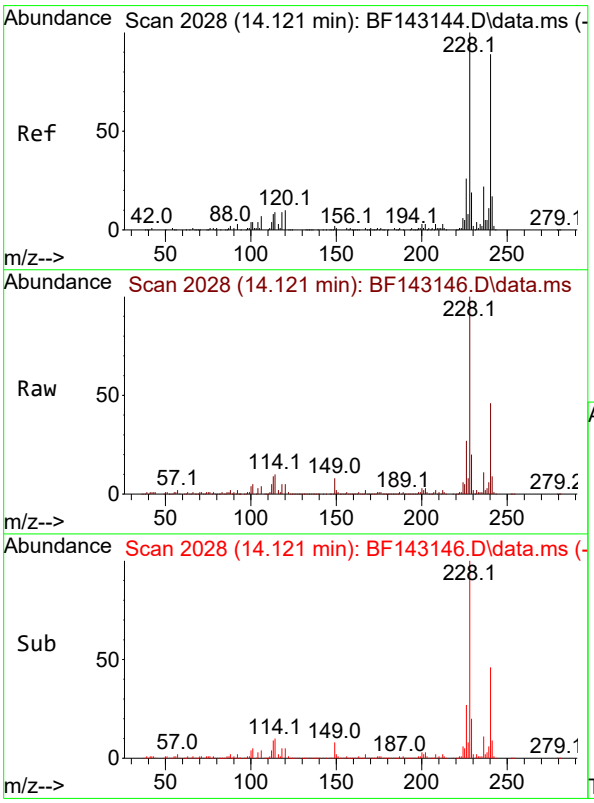
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

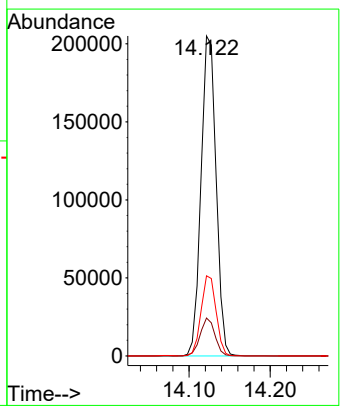
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

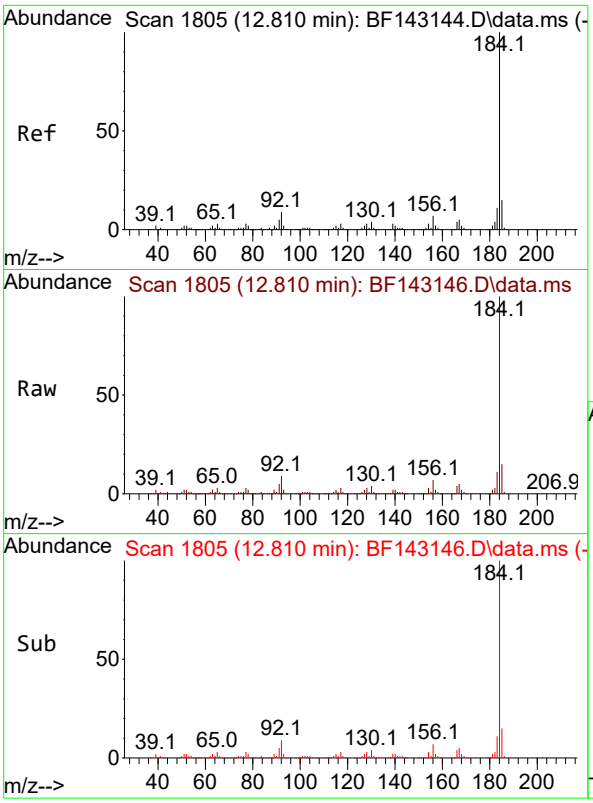


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4

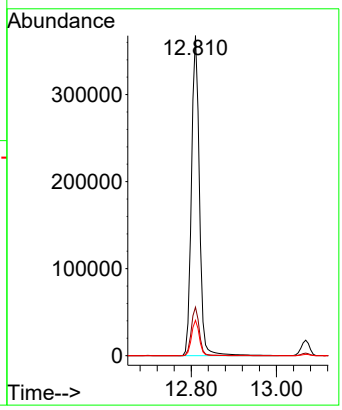




#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 47655

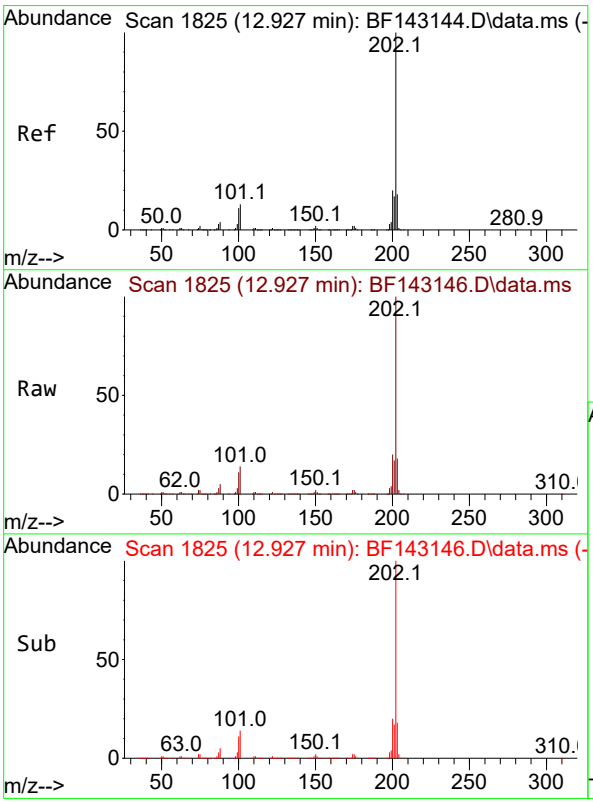
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

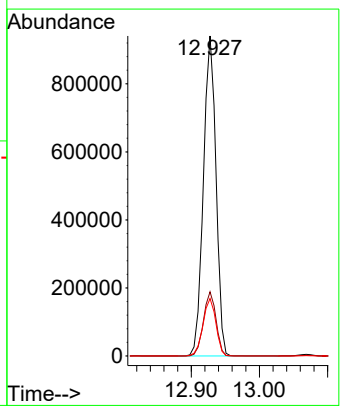
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

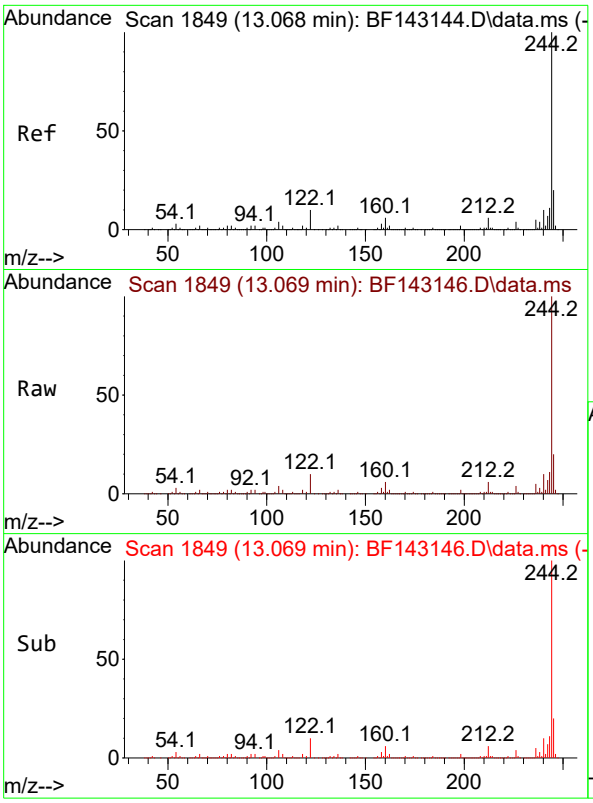


#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	14.2	21.2

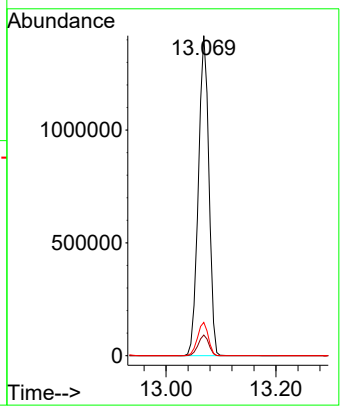




#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:244 Resp: 188854

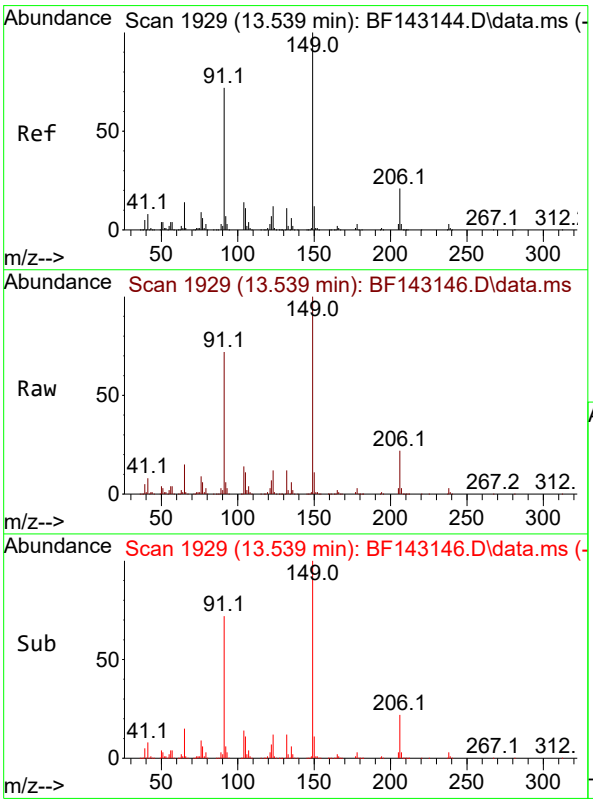
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

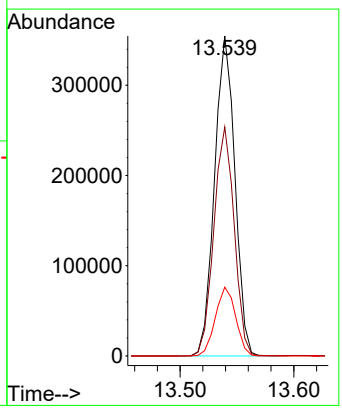
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

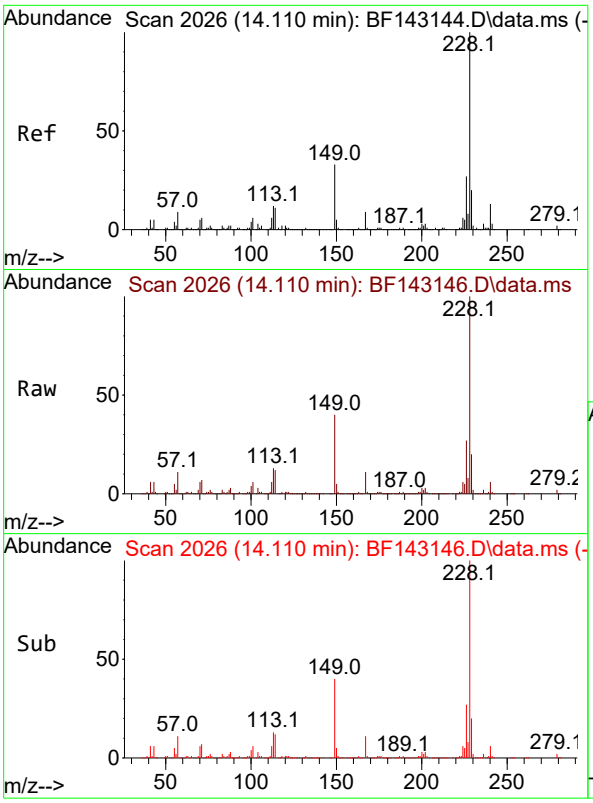


#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.9	86.9
206	21.5	17.0	25.4

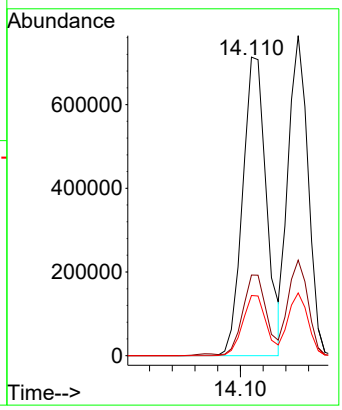




#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 104123

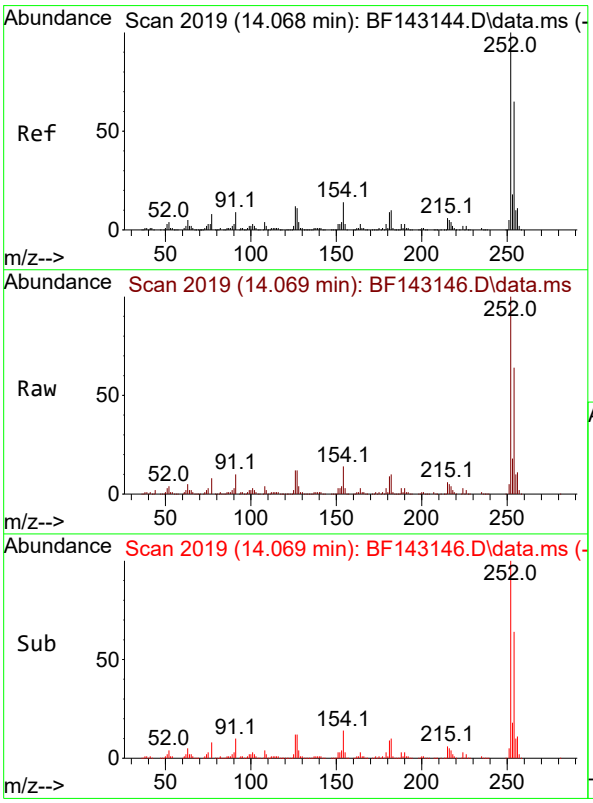
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

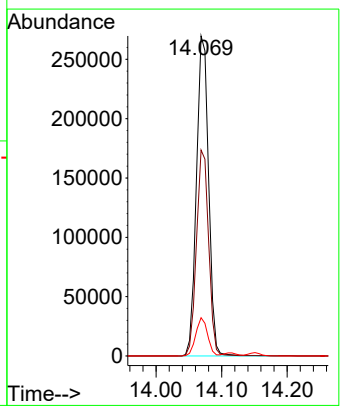
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

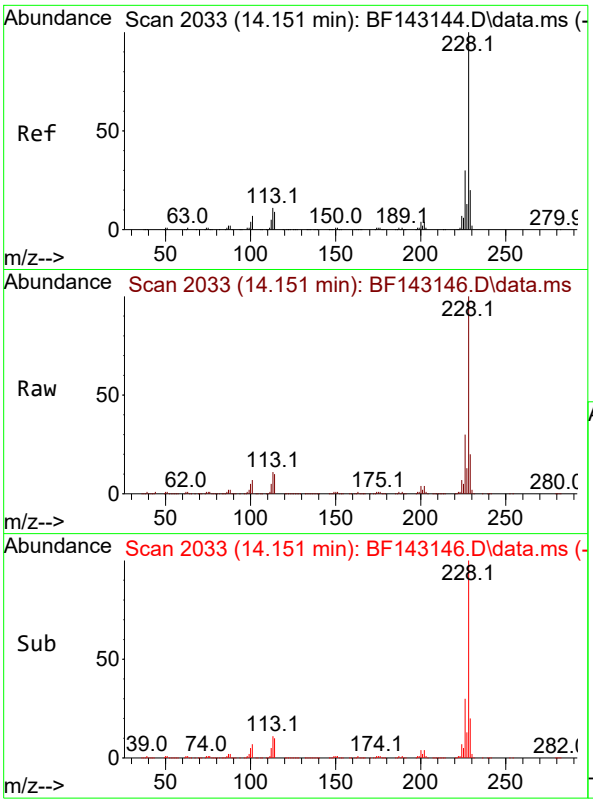


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	12.0	9.4	14.0

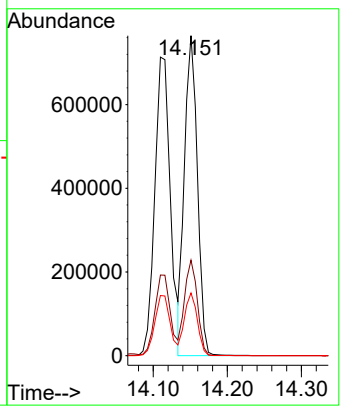




#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 93054

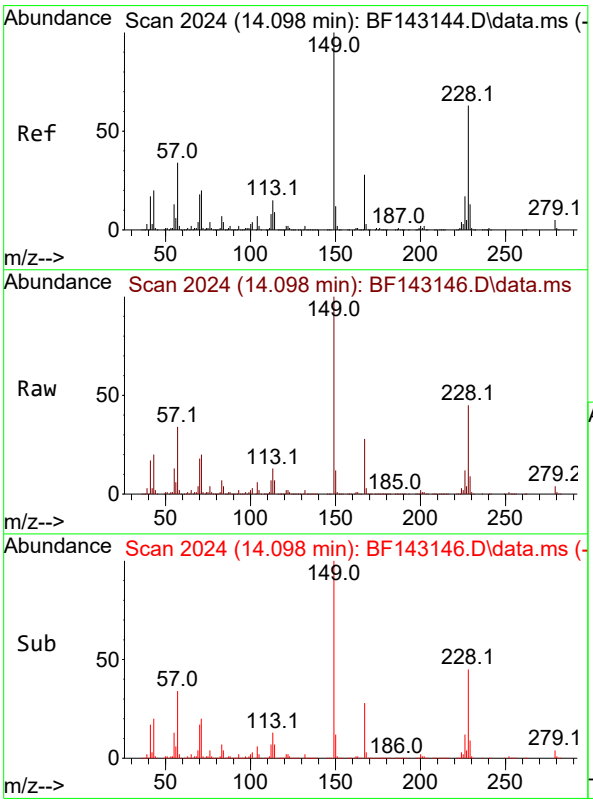
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

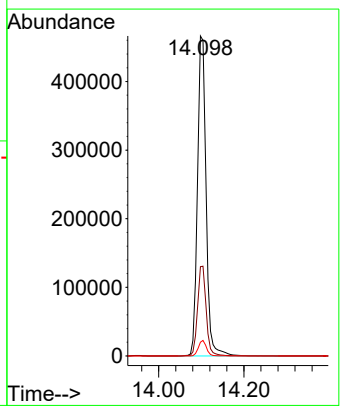
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

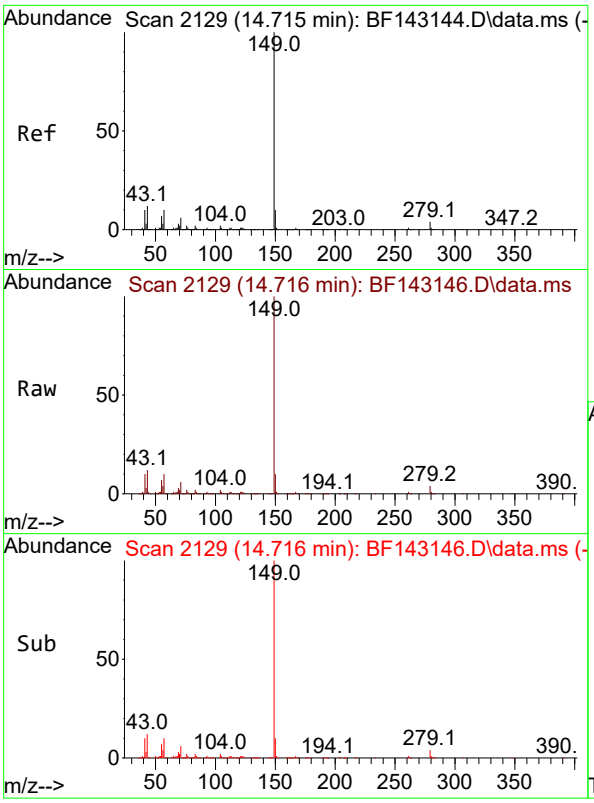


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.3	3.6	5.4

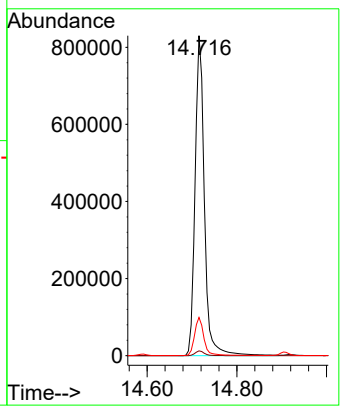




#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 119604

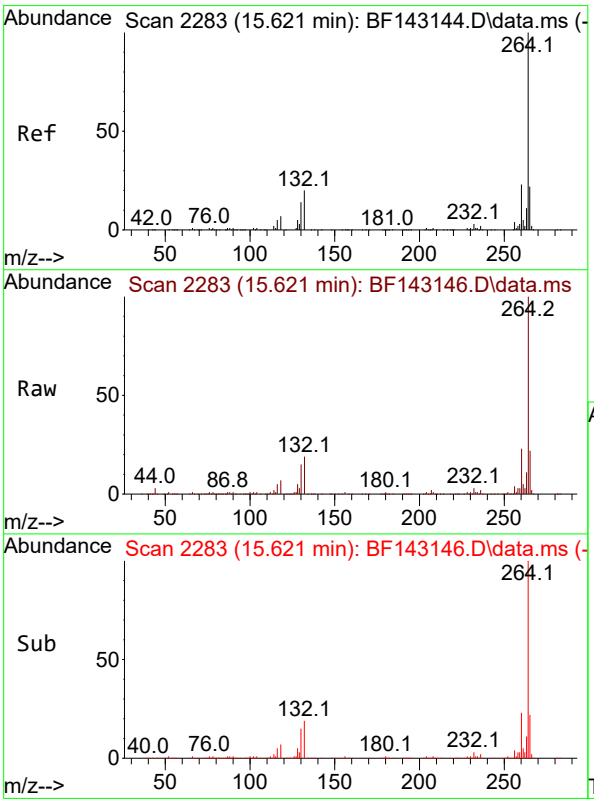
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.0	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

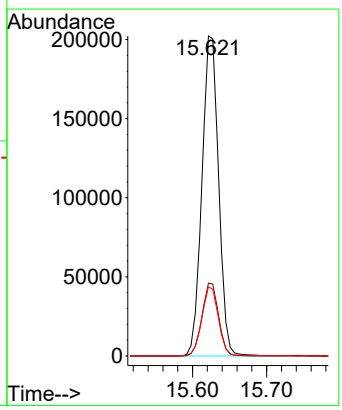
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

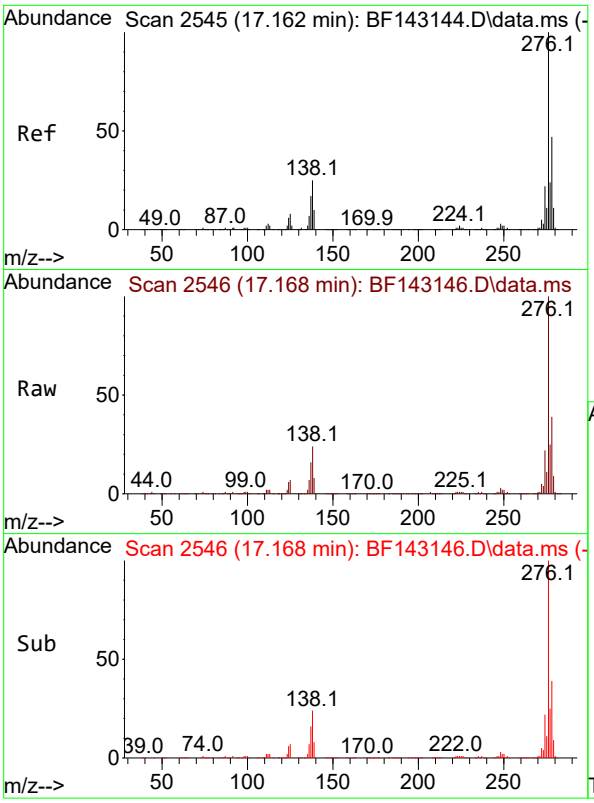


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.4	26.2

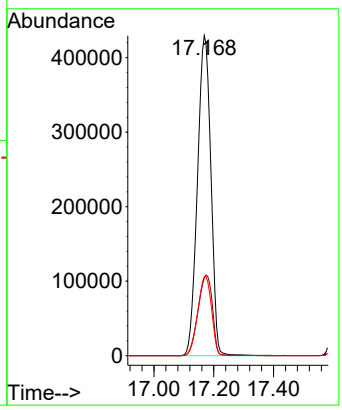




#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 133736

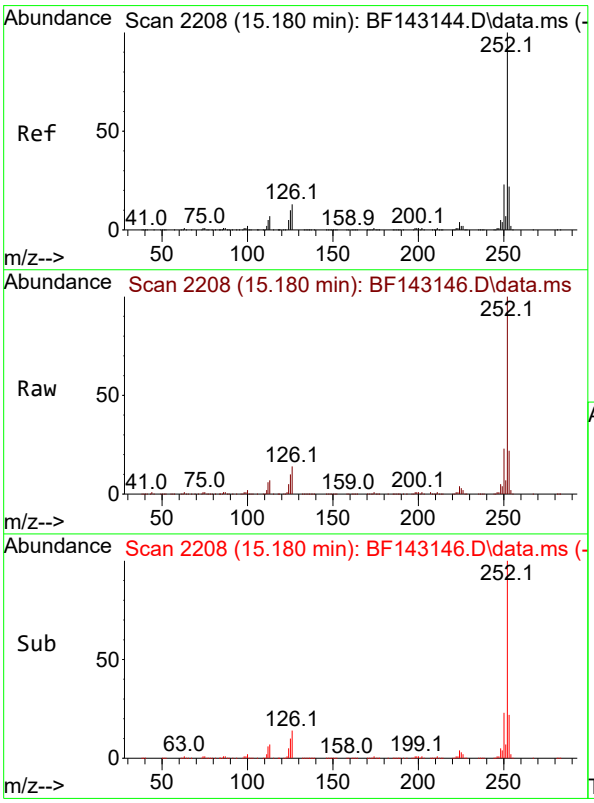
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

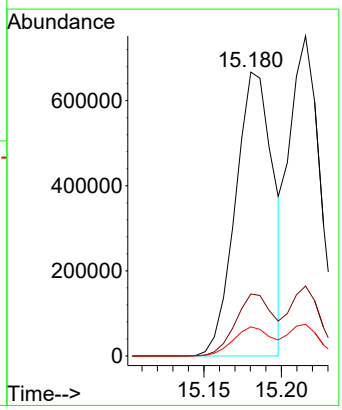
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

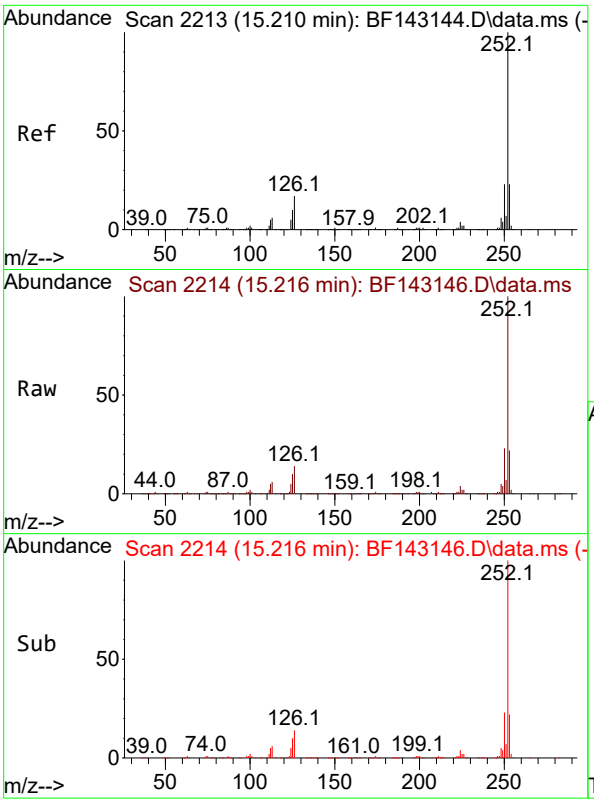


#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.0	12.0

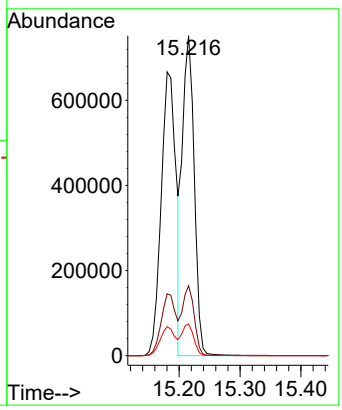




#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 102313

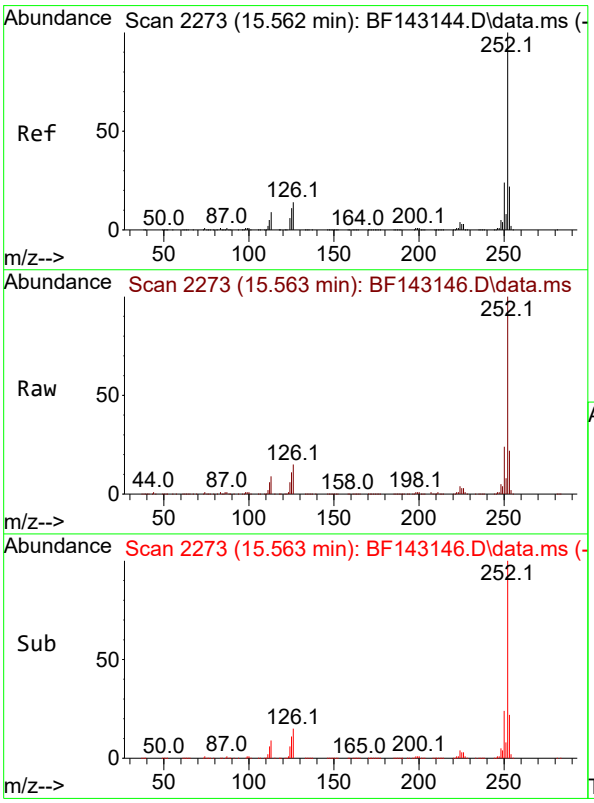
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

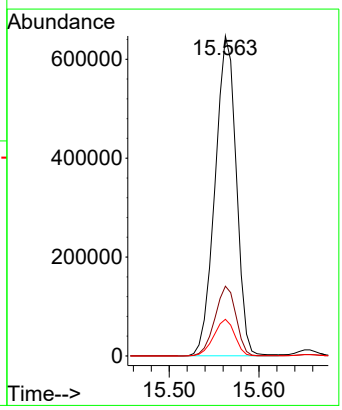
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

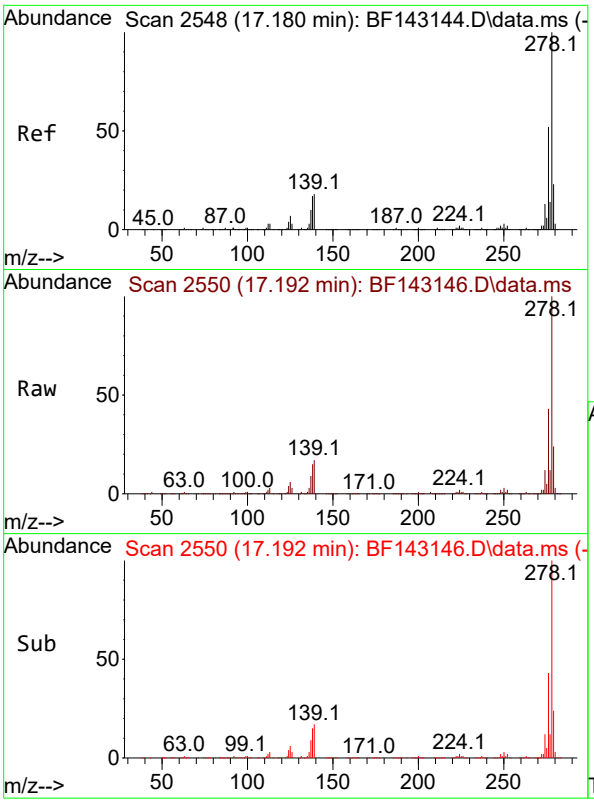


#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.5	8.6	13.0

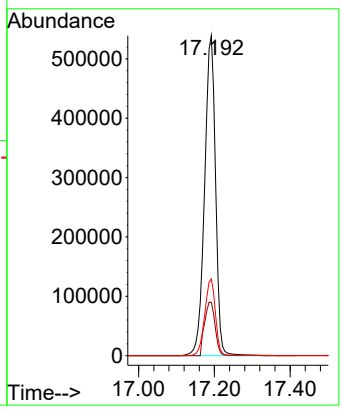




#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:278 Resp: 108076

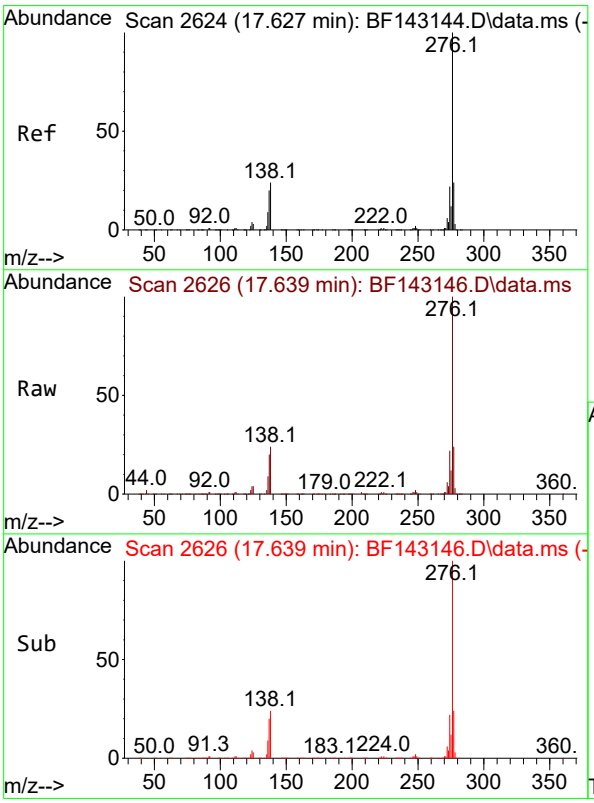
Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.1	21.1
279	24.0	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

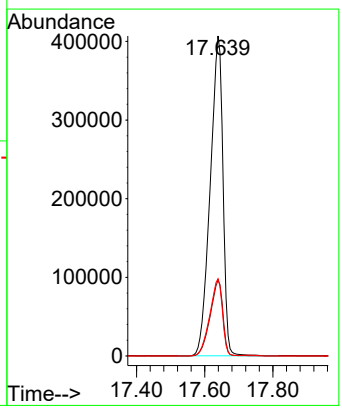
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.2	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng		0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng		0.00
86) Perylene-d12	15.627	264	296687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng		0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng		0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng		0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng		99
3) Pyridine	3.569	79	842446	74.844	ng		99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng		97
6) Aniline	6.628	93	1170943	72.831	ng		98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng		99
9) Benzaldehyde	6.516	77	493544	57.055	ng		99
10) Phenol	6.610	94	888041m	70.663	ng		
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng		100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng		100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng		99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng		100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng		99
17) 2-Methylphenol	7.210	107	595477	73.719	ng		99
18) Hexachloroethane	7.481	117	266665	73.293	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng		99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	#	87
22) Acetophenone	7.375	105	890890	69.107	ng	#	95
24) Nitrobenzene	7.551	77	751964	73.836	ng		100
25) Isophorone	7.792	82	1453353	75.366	ng		99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng		100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng		99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng		99
31) Naphthalene	8.269	128	1854387	69.150	ng		100
32) Benzoic acid	8.028	122	423625m	79.801	ng		
33) 4-Chloroaniline	8.310	127	787243	71.895	ng		98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng		99
35) Caprolactam	8.698	113	178271	77.644	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng		99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng		100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng		99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng		99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng		100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng		100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng		96
49) Acenaphthylene	9.869	152	1868062	70.057	ng		100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng		99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng		99
52) Acenaphthene	10.039	154	1120315	71.086	ng		99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng		98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	#	40
55) Dibenzofuran	10.210	168	1615399	69.038	ng		99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng		99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng		96
58) Fluorene	10.551	166	1197731	68.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng		100
60) Diethylphthalate	10.422	149	1276217	71.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng		99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng		98
63) Azobenzene	10.704	77	1318720	71.255	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng		98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng		98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng		96
69) Atrazine	11.180	200	324126	77.819	ng		99
70) Pentachlorophenol	11.286	266	257176	81.829	ng		98
71) Phenanthrene	11.516	178	1602208	70.331	ng		100
72) Anthracene	11.563	178	1641264	70.640	ng		100
73) Carbazole	11.710	167	1435444	70.754	ng		99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng		100
75) Fluoranthene	12.698	202	1498103	71.645	ng		99
78) Pyrene	12.927	202	1466205	70.021	ng		100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng		99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng		99
83) Chrysene	14.151	228	1105636	74.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng		99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng		99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng		100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng		100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng		99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng		100

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

ICAL Form

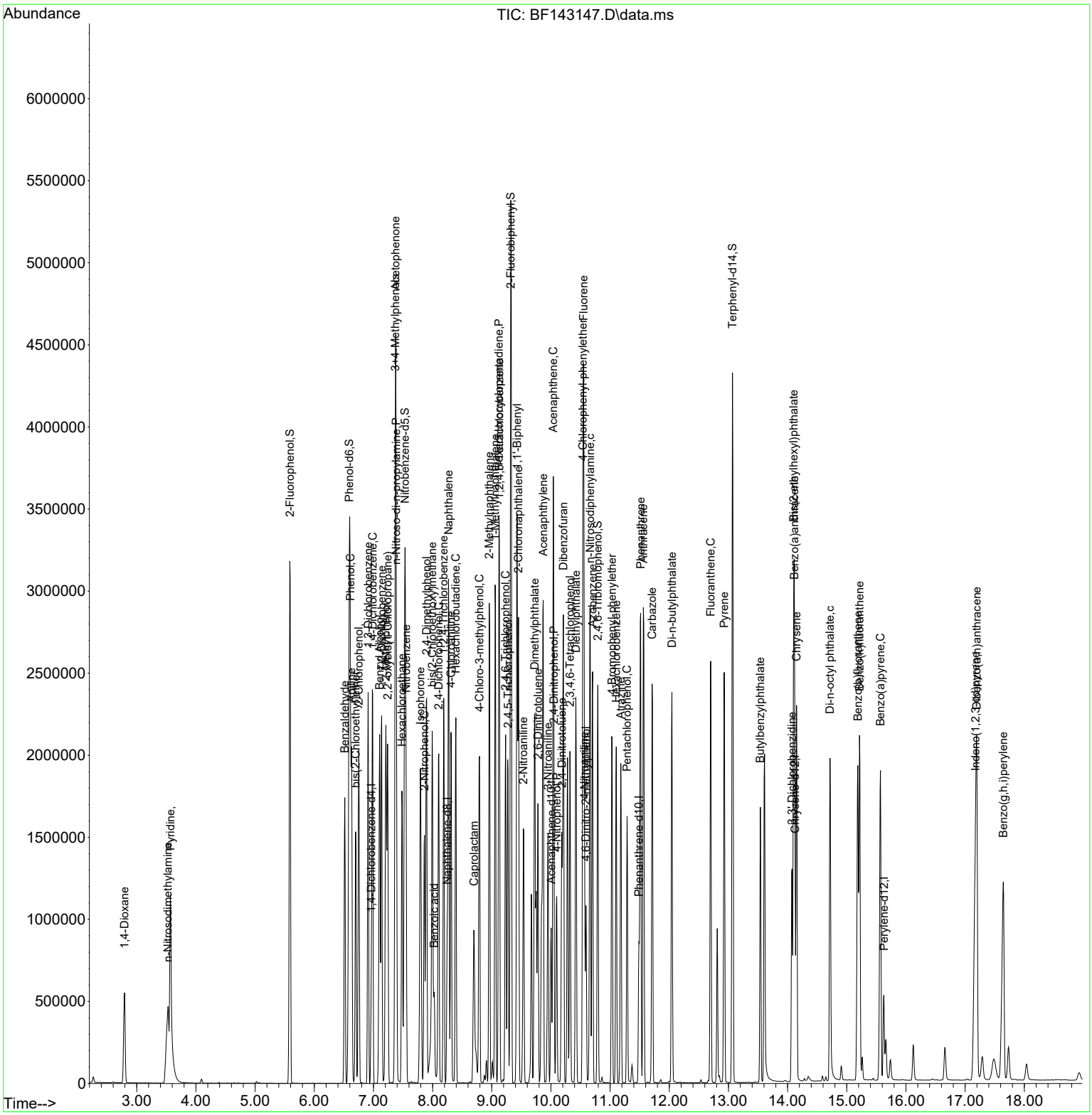
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

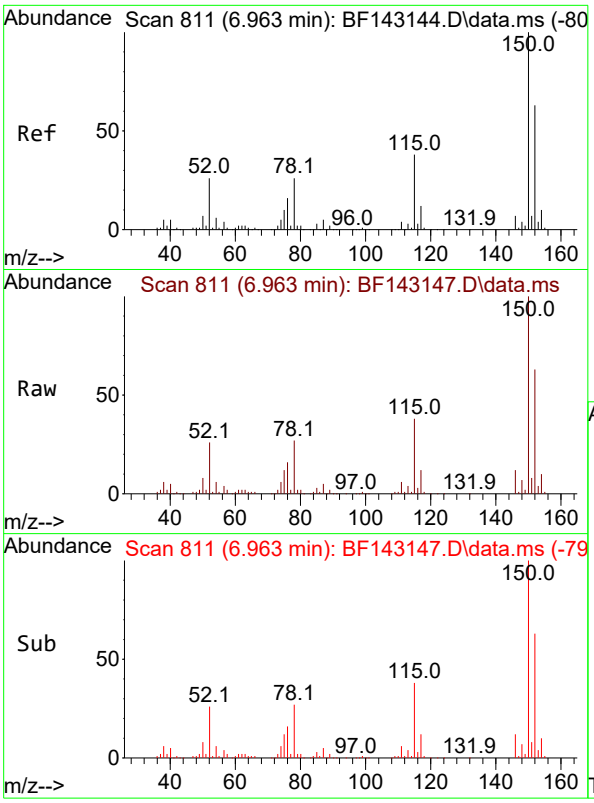
Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

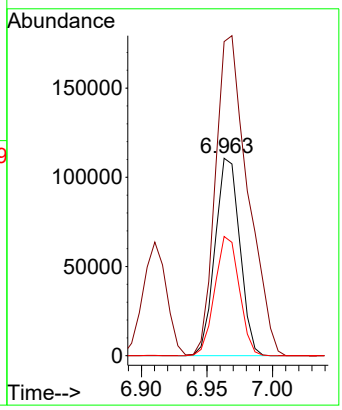




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 14503

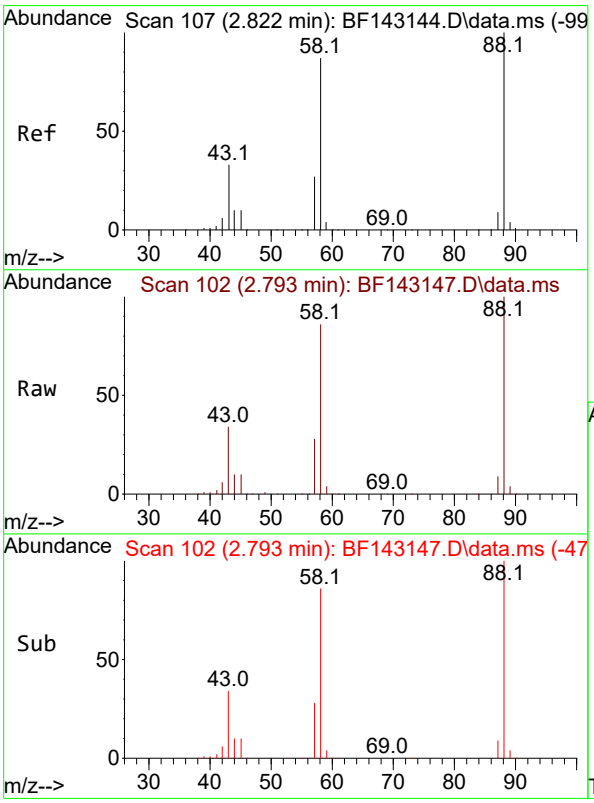
Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.2	192.4
115	60.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

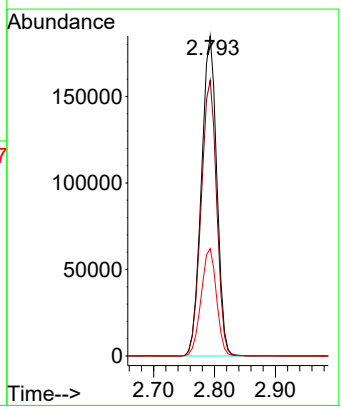
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

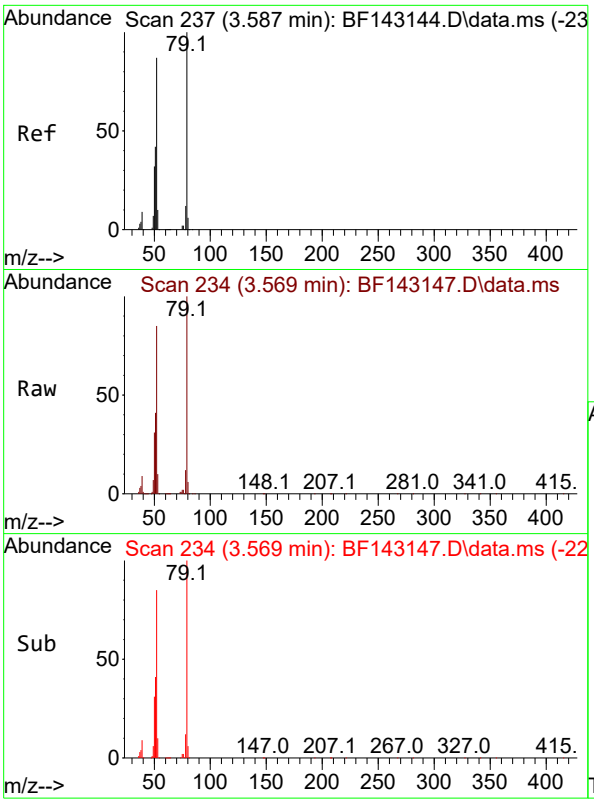


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.2	105.2
43	33.6	27.1	40.7

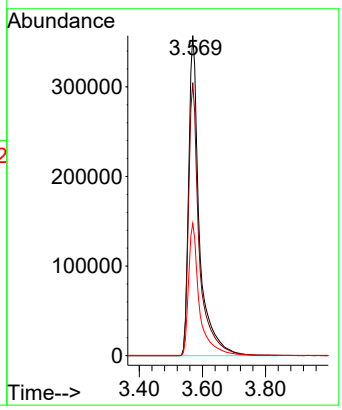




#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 84244

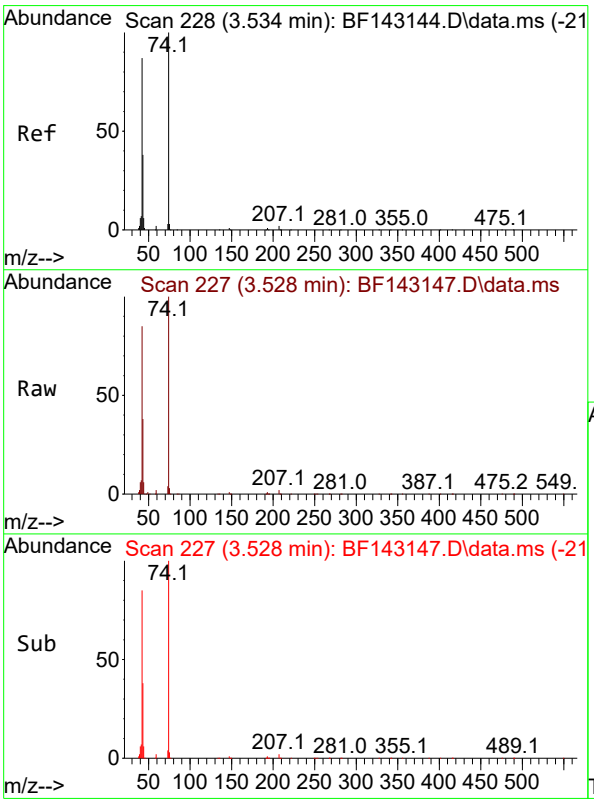
Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

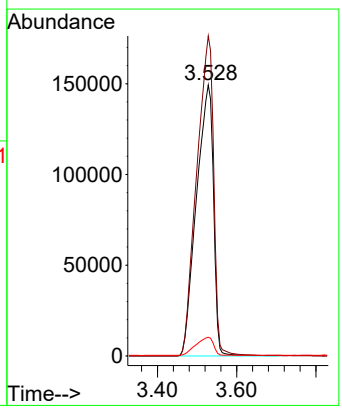
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

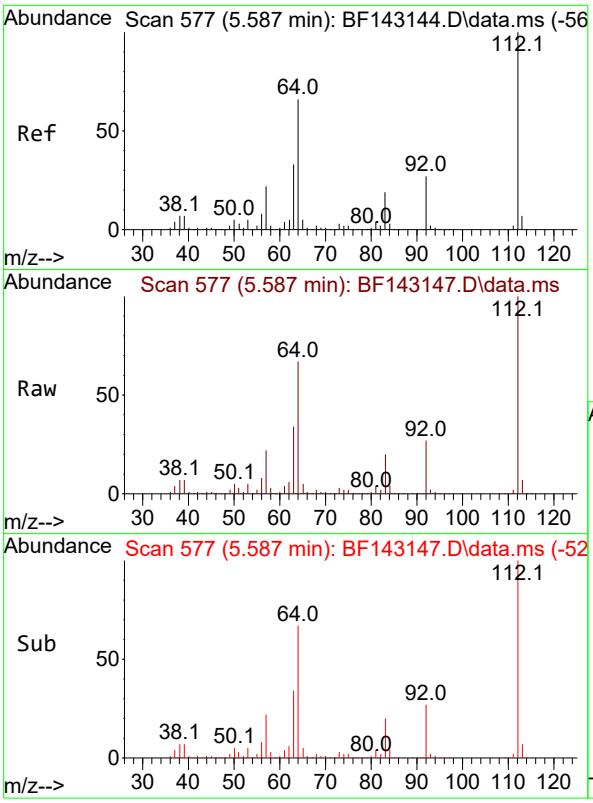


#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

Ion	Ratio	Lower	Upper
42	100		
74	118.0	91.7	137.5
44	6.9	5.6	8.4

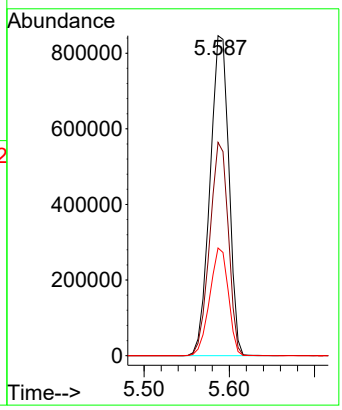




#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:112 Resp: 130034

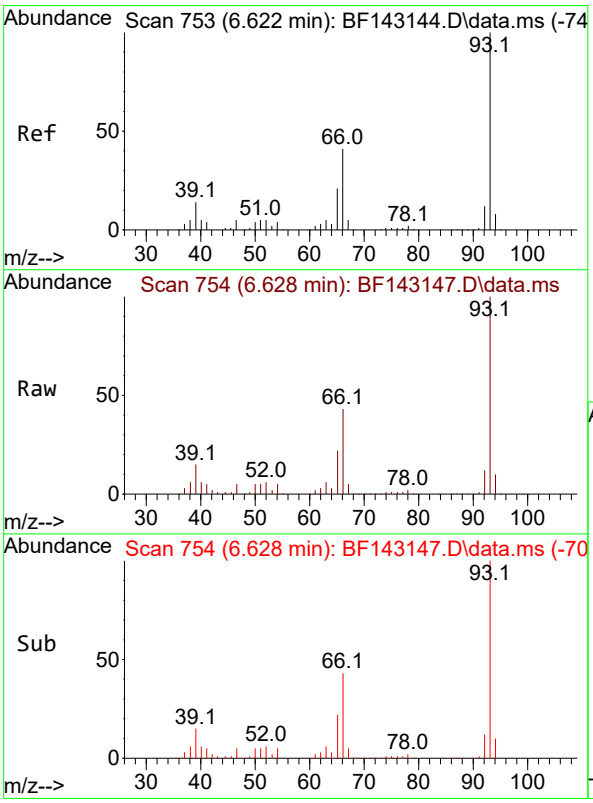
Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

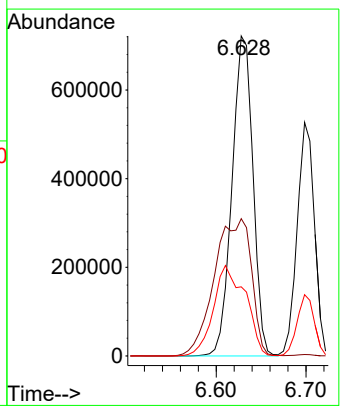
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

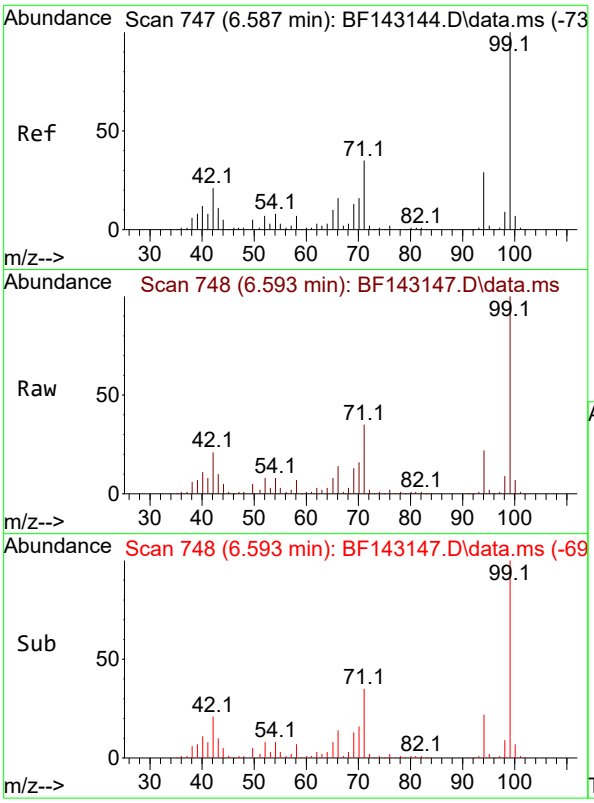


#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.2	49.8
65	21.6	16.9	25.3

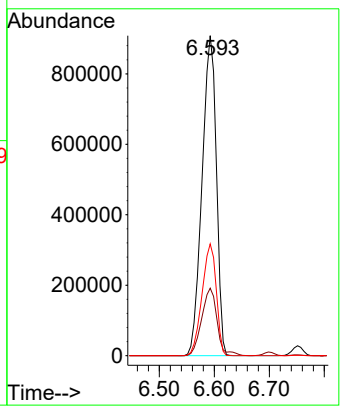




#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 99 Resp: 163993

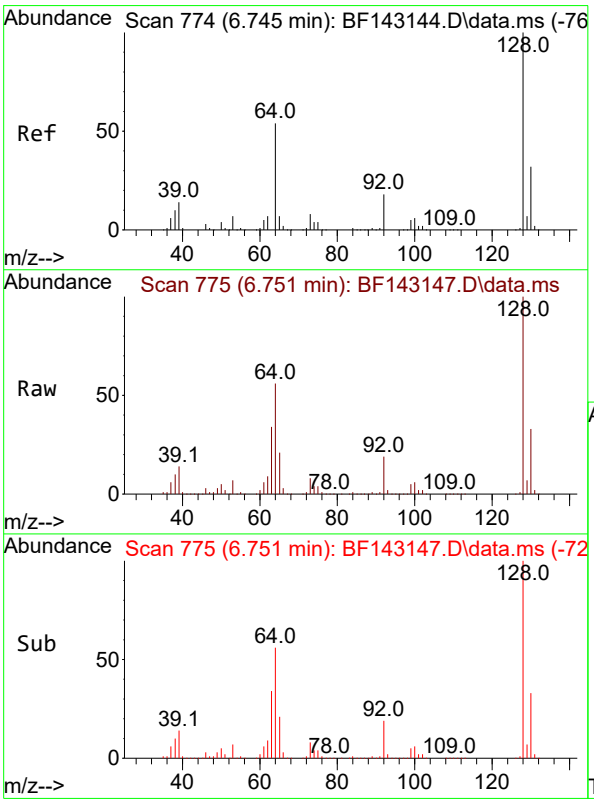
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.0	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

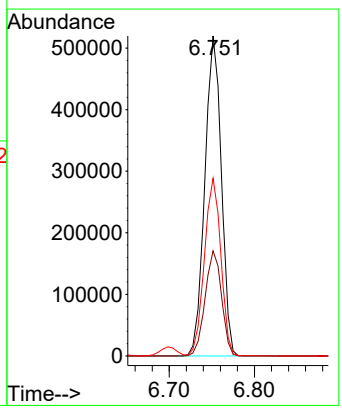
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

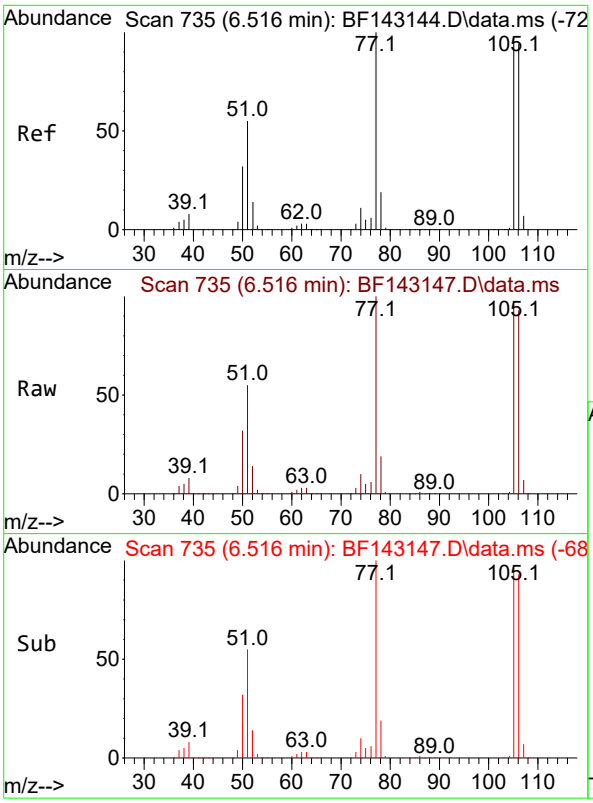


#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	55.5	35.9	75.9

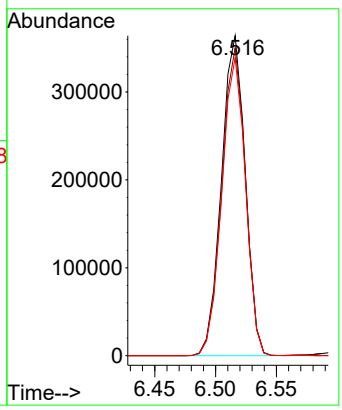




#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 49354

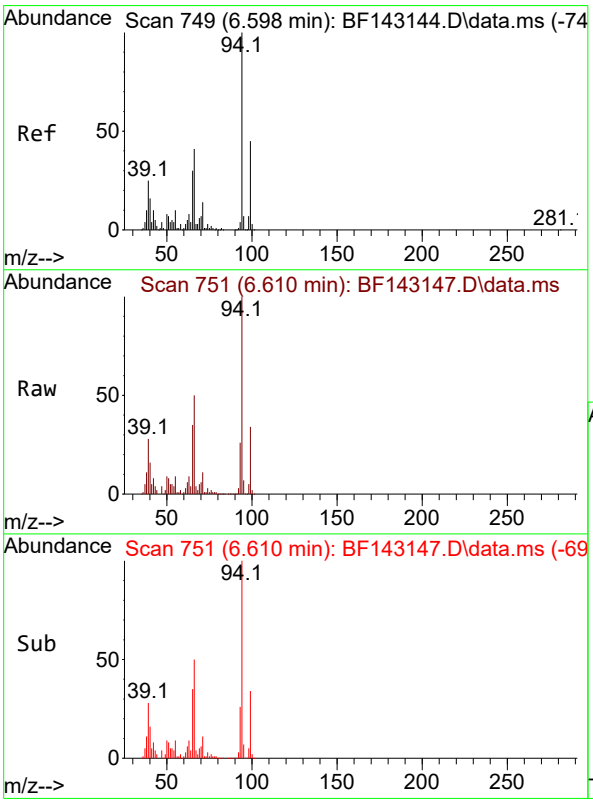
Ion	Ratio	Lower	Upper
77	100		
105	96.2	76.8	116.8
106	93.1	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

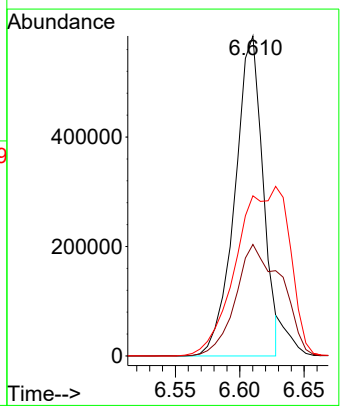
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

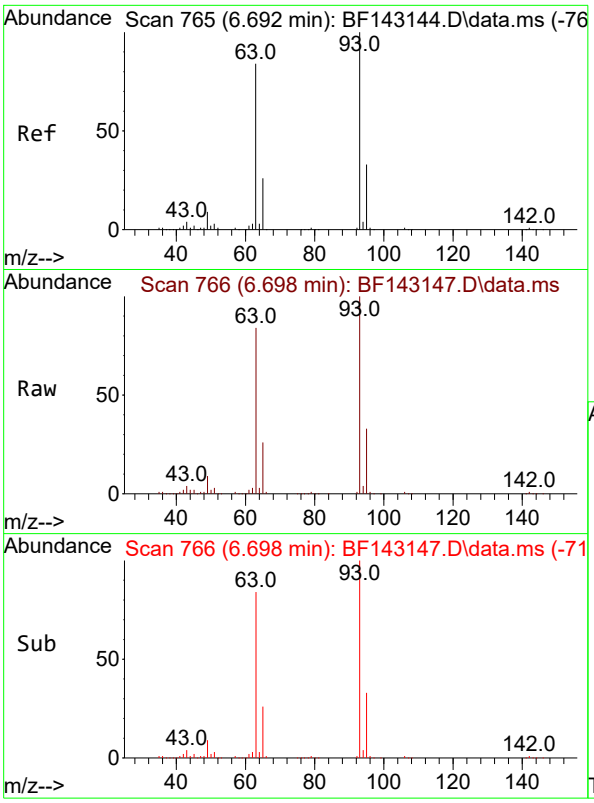


#10
Phenol
Concen: 70.663 ng m
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 888041

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.0	50.0
66	50.1	20.8	60.8

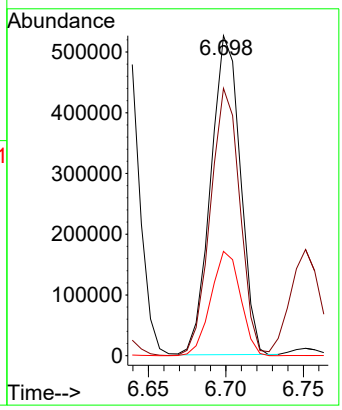




#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 69764

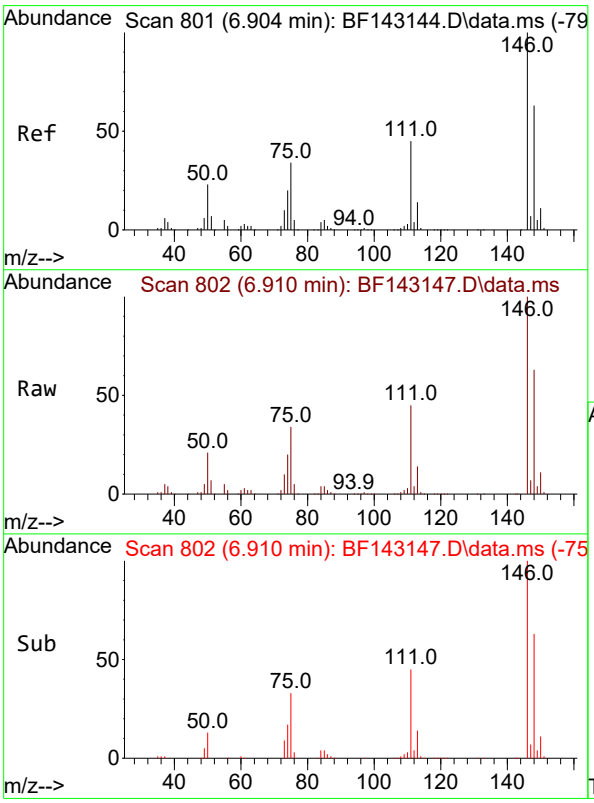
Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.4	103.4
95	32.6	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

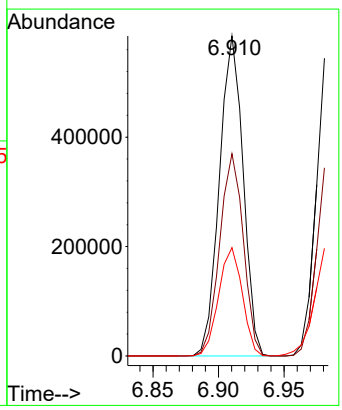
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

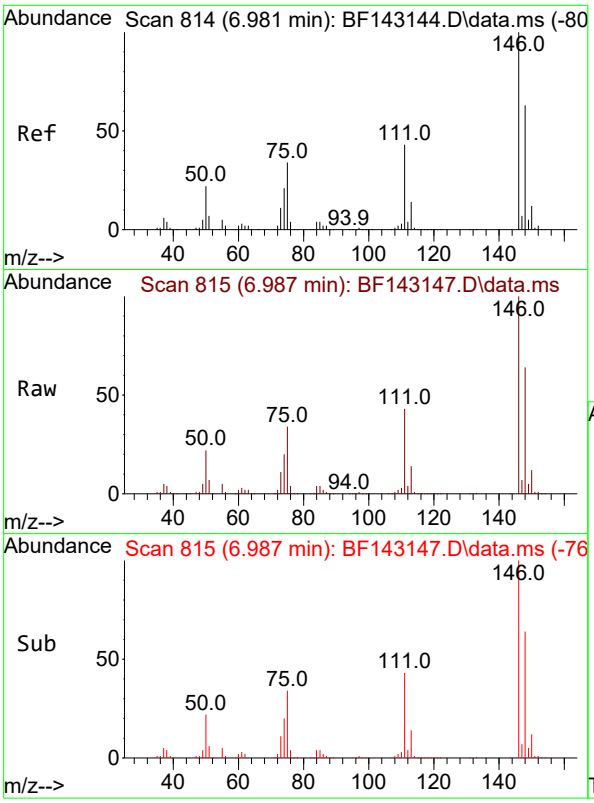


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	33.9	27.4	41.2

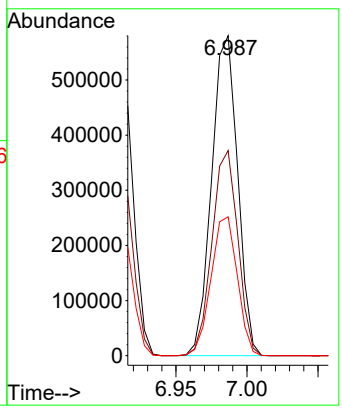




#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 73946

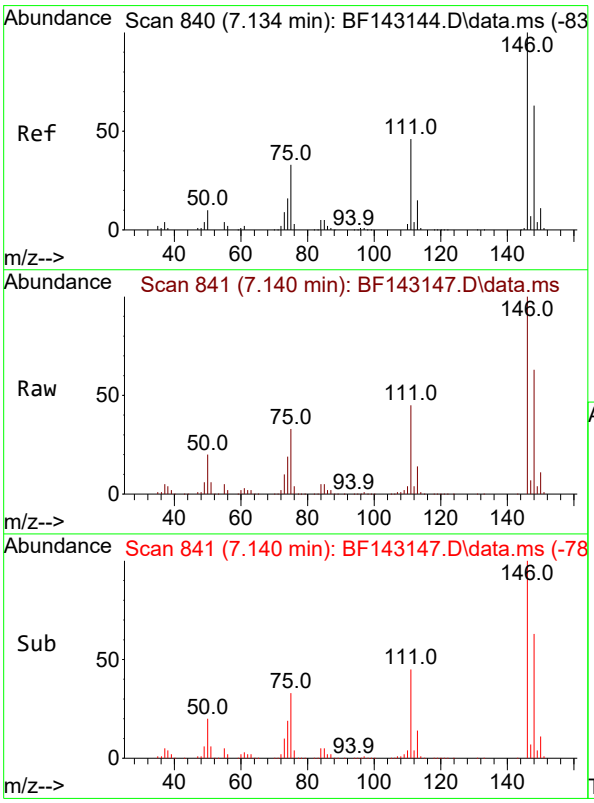
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

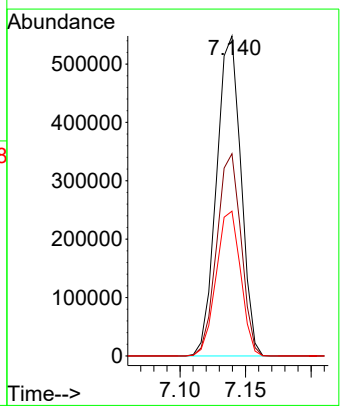
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

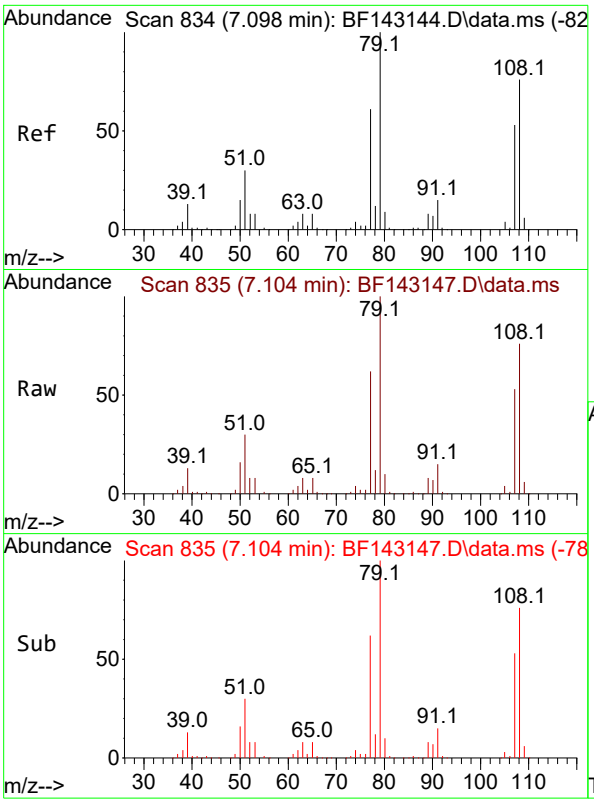


#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	45.3	36.6	54.8

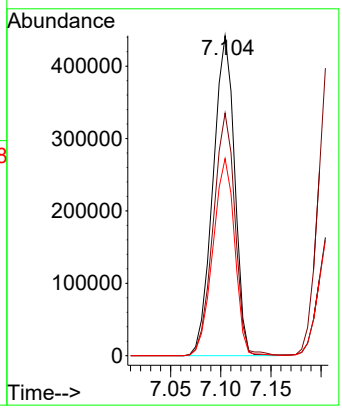




#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 66184

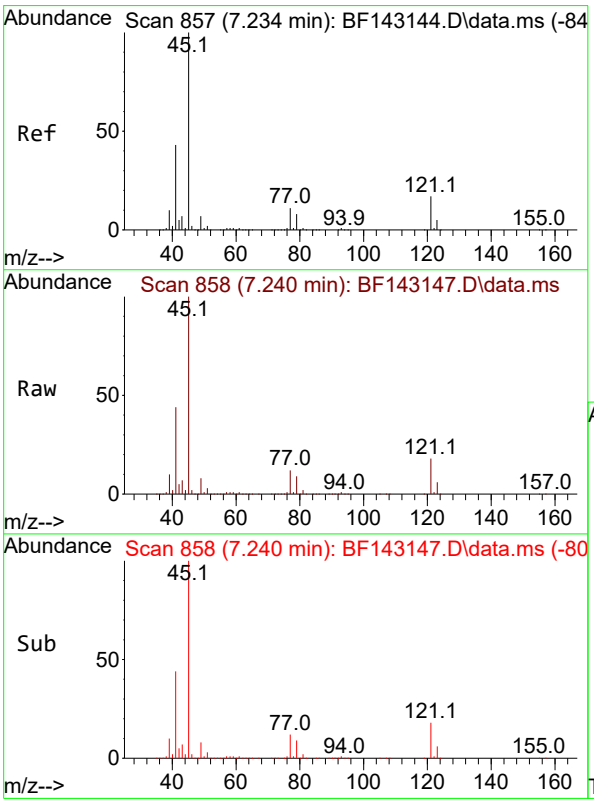
Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.6	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

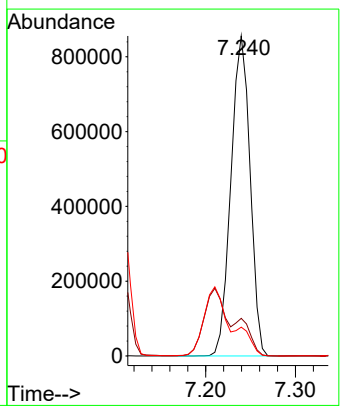
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

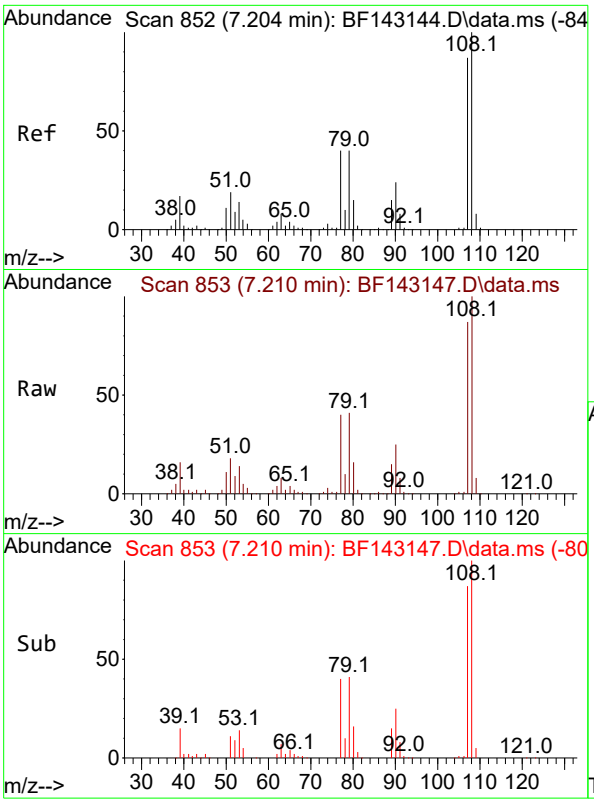


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

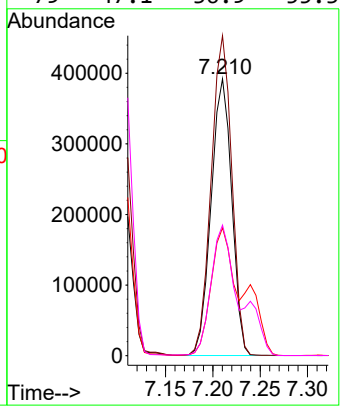




#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 59547

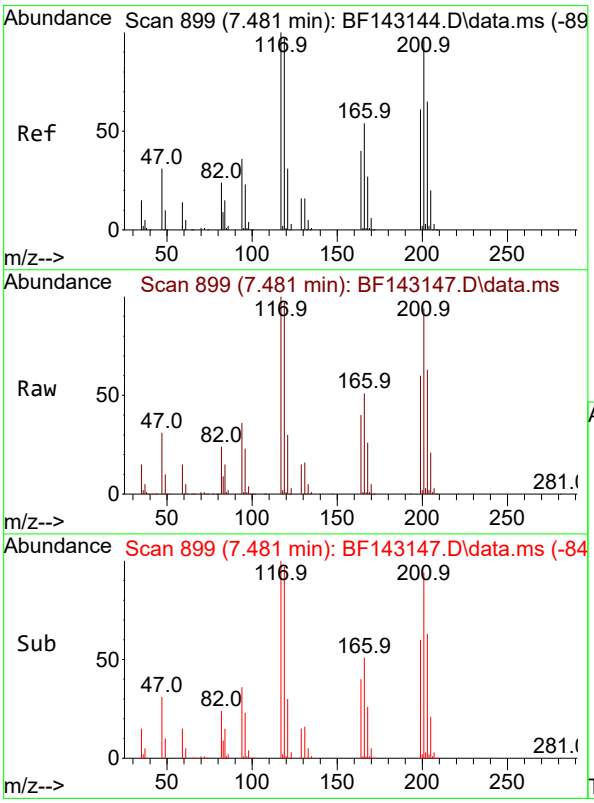
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.8	137.6
77	46.2	37.0	55.6
79	47.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

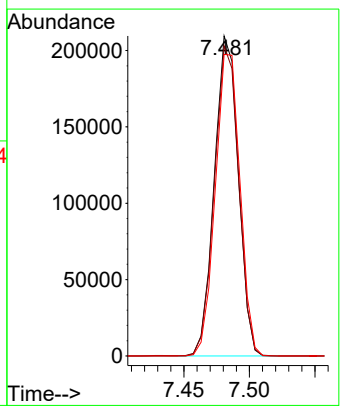
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

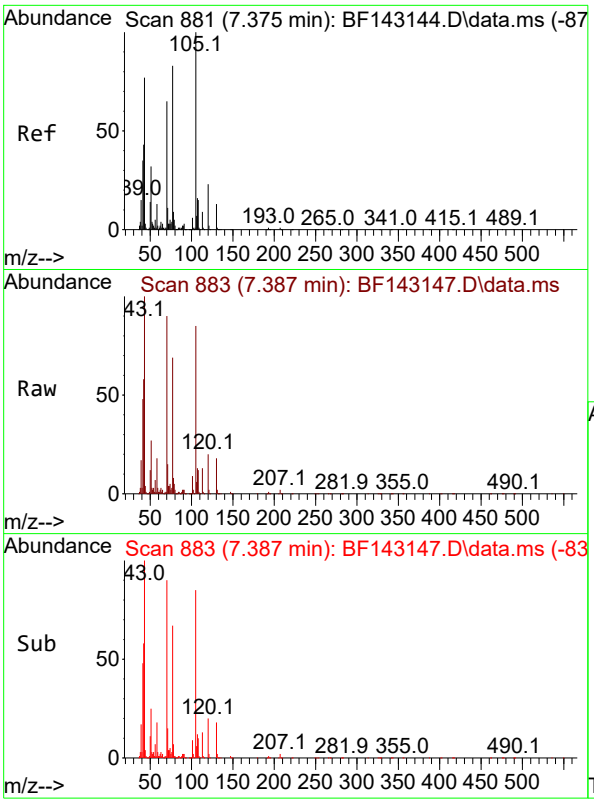


#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	94.3	77.0	115.4

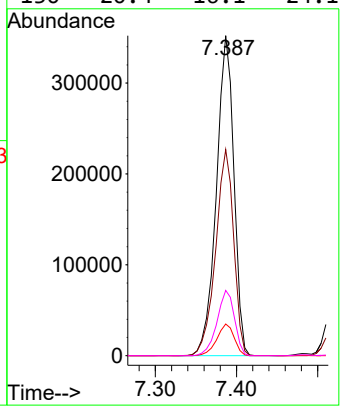




#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 70 Resp: 52882

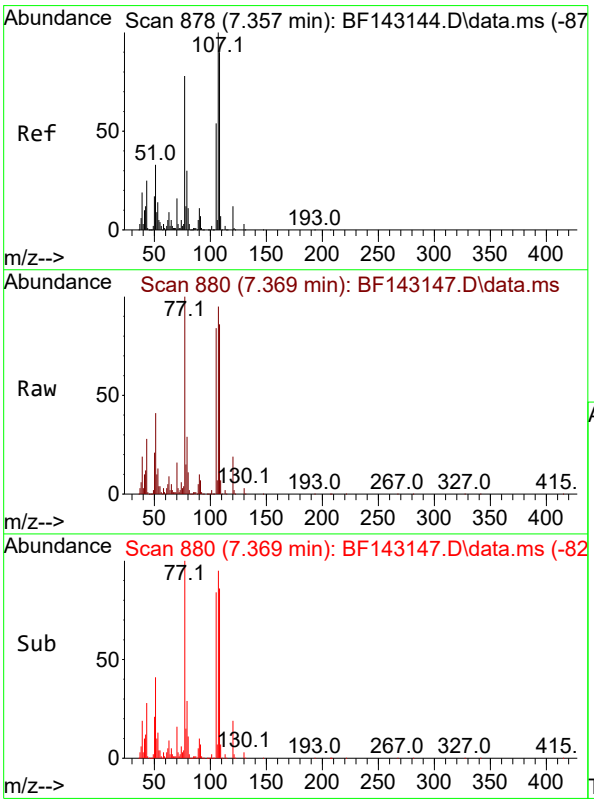
Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

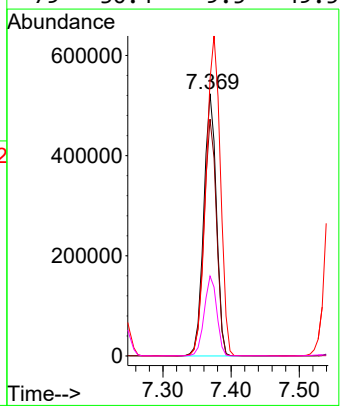
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

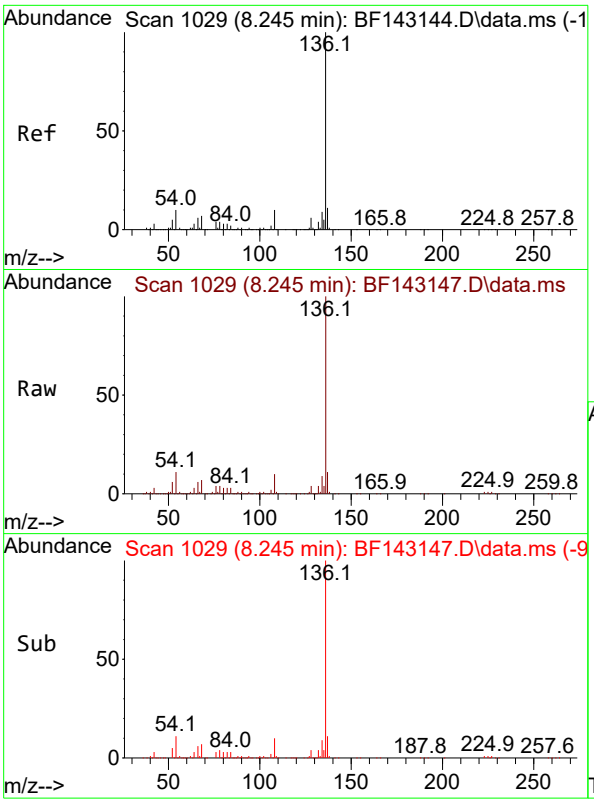


#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	105.4	57.8	97.8#
79	30.4	9.5	49.5

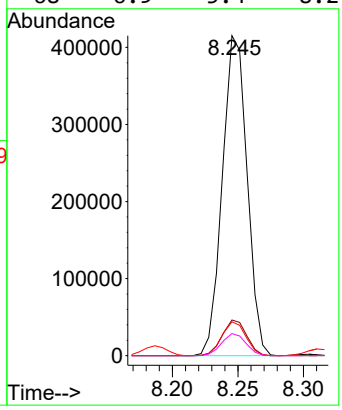




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:136 Resp: 54451

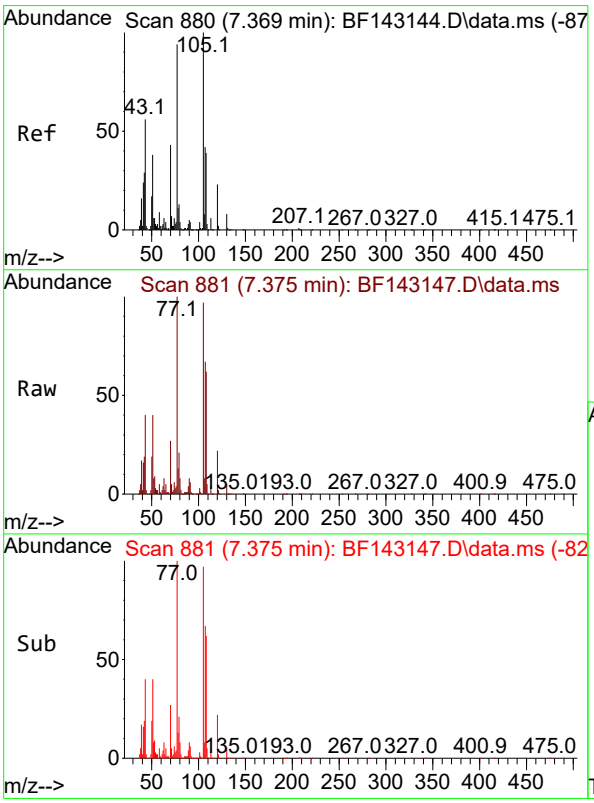
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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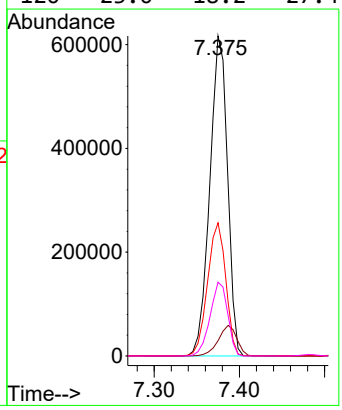
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

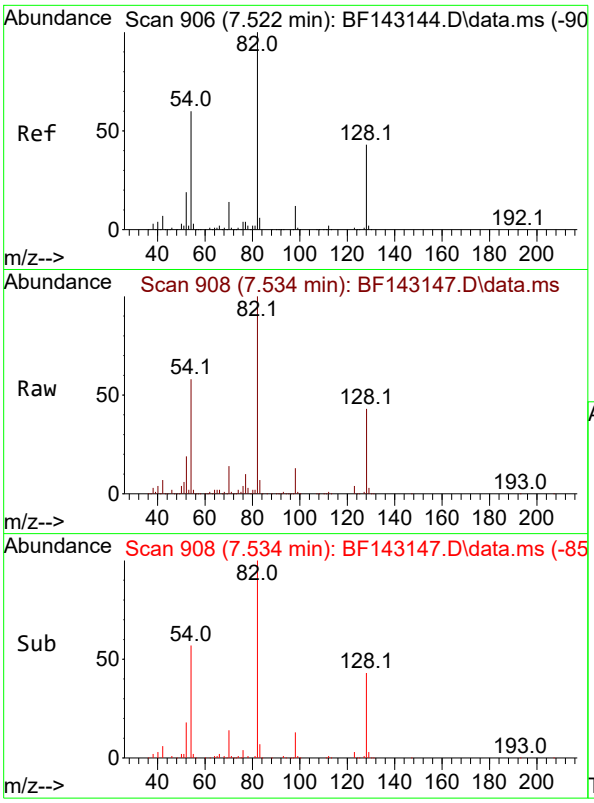


#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.6#
51	41.6	30.2	45.2
120	23.0	18.2	27.4





#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

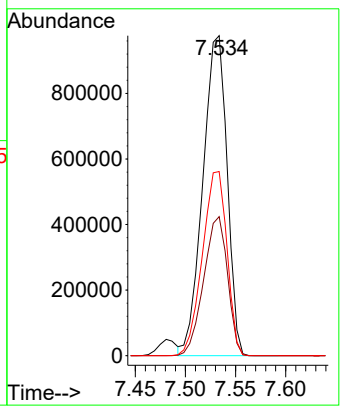
Tgt Ion: 82 Resp: 164458

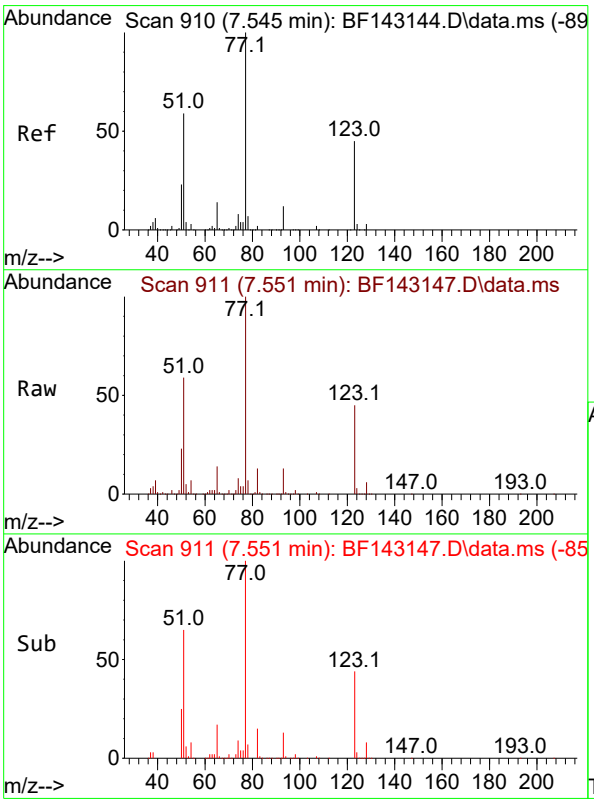
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	57.5	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

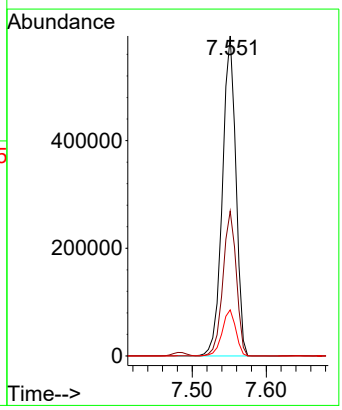


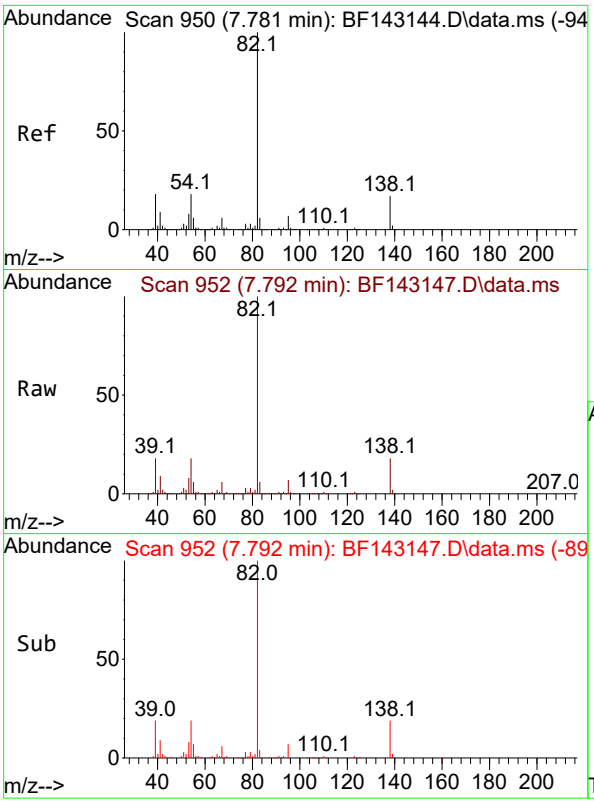


#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

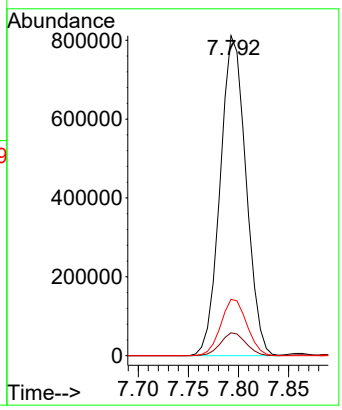
Tgt Ion: 82 Resp: 145335

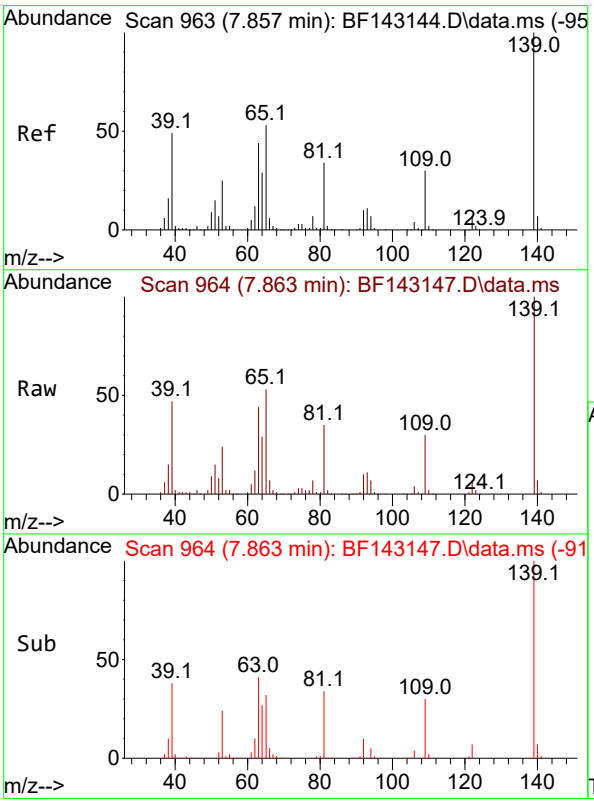
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	17.6	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

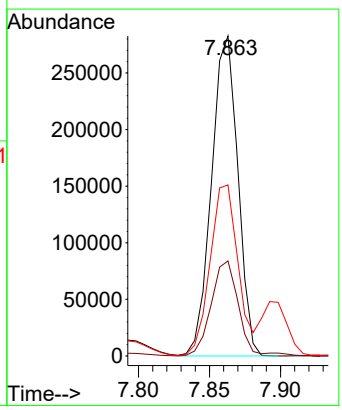


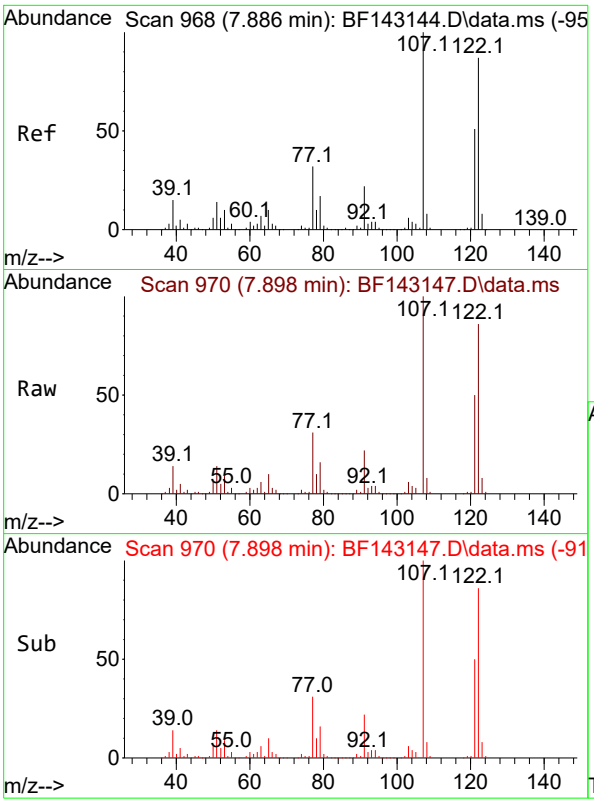


#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.6	35.4
65	53.4	42.6	64.0

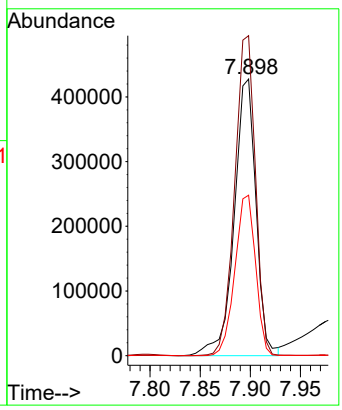




#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 64914

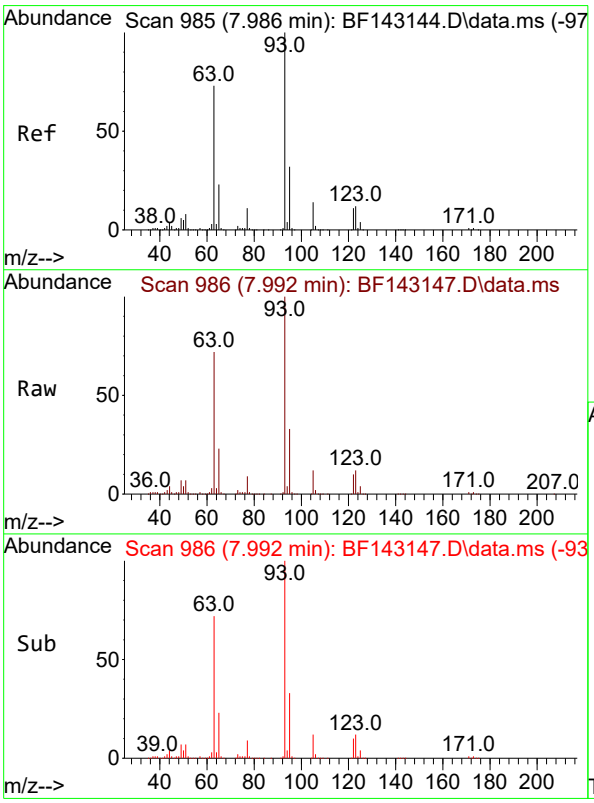
Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.0	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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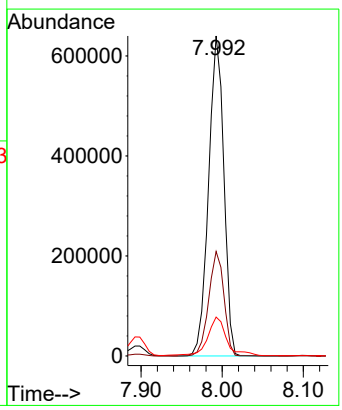
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

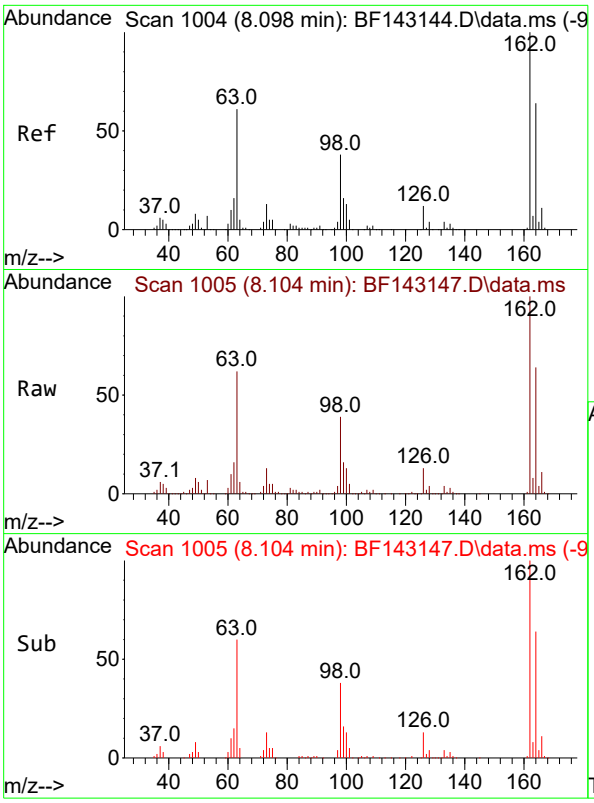


#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.2	9.7	14.5

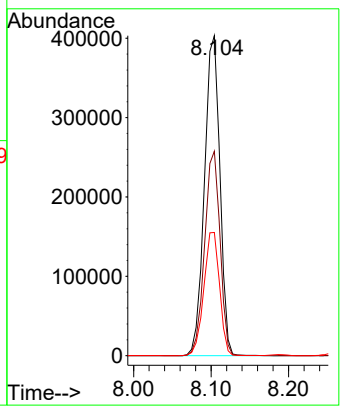




#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 55866

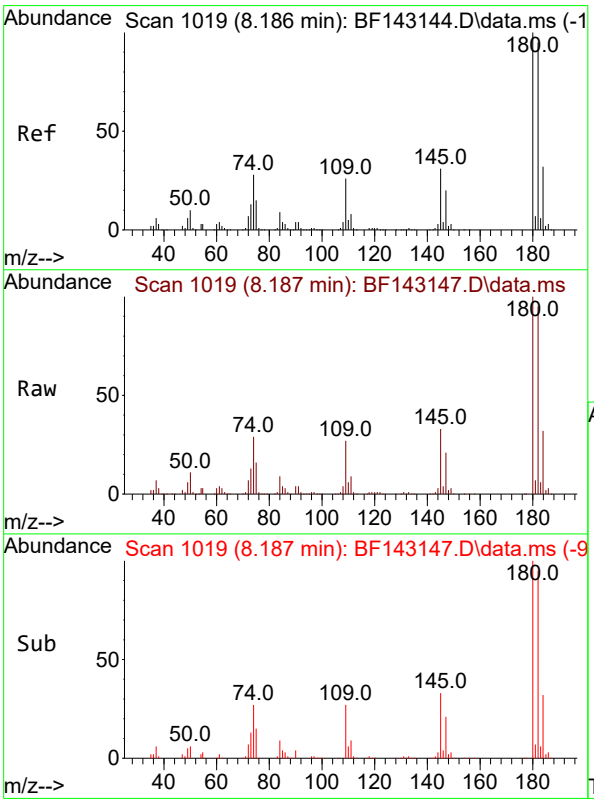
Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	38.5	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

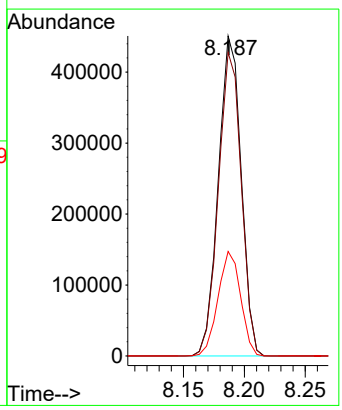
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

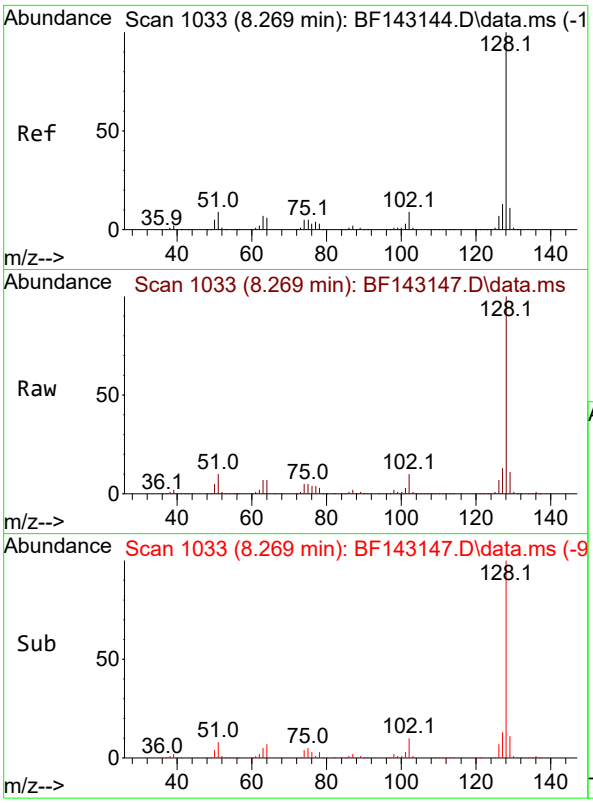


#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	32.7	25.0	37.6

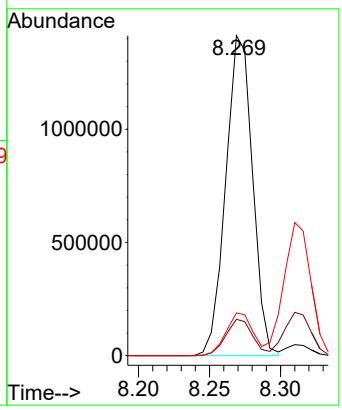




#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 185438

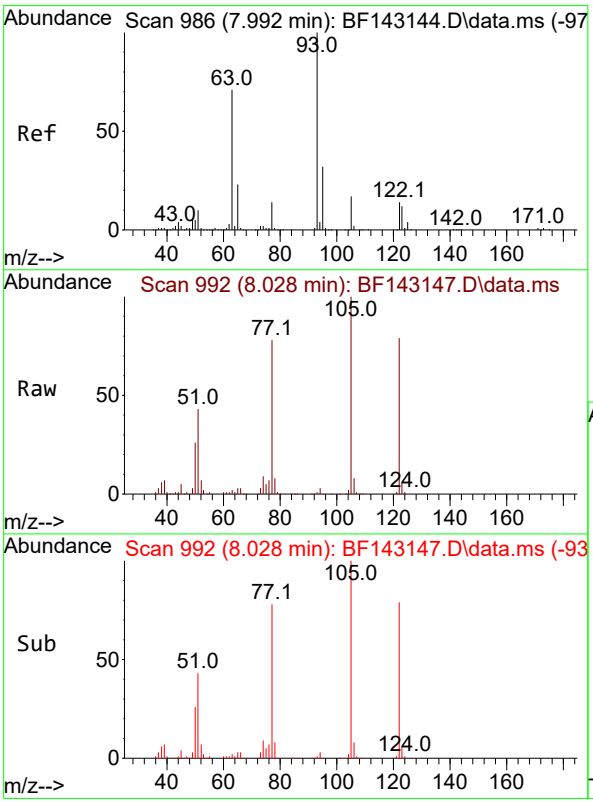
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

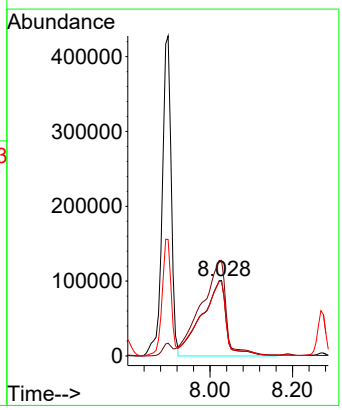
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

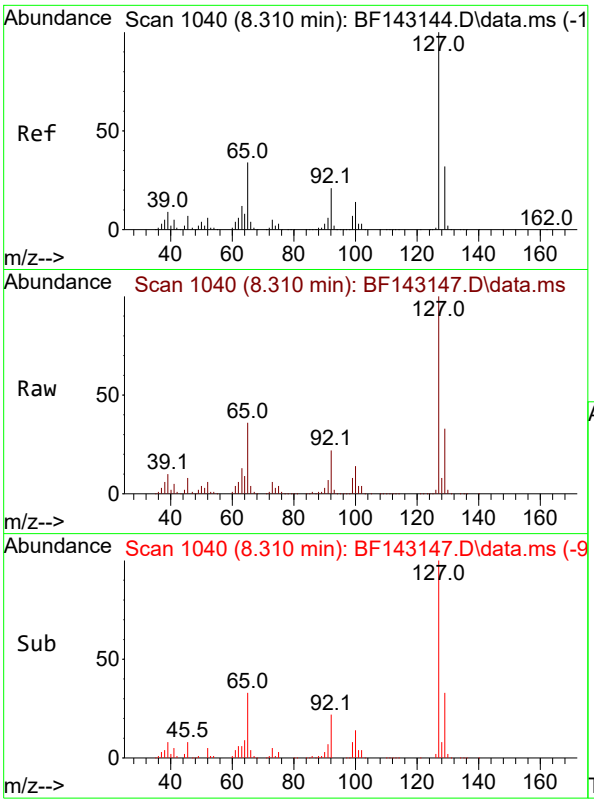


#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 423625

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	98.6	77.6	117.6

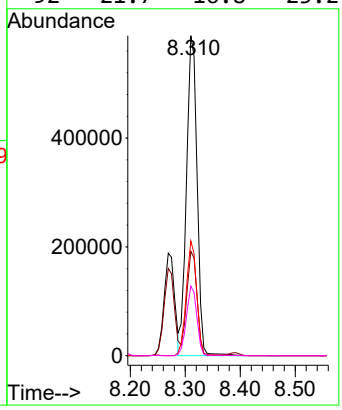




#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:127 Resp: 78724

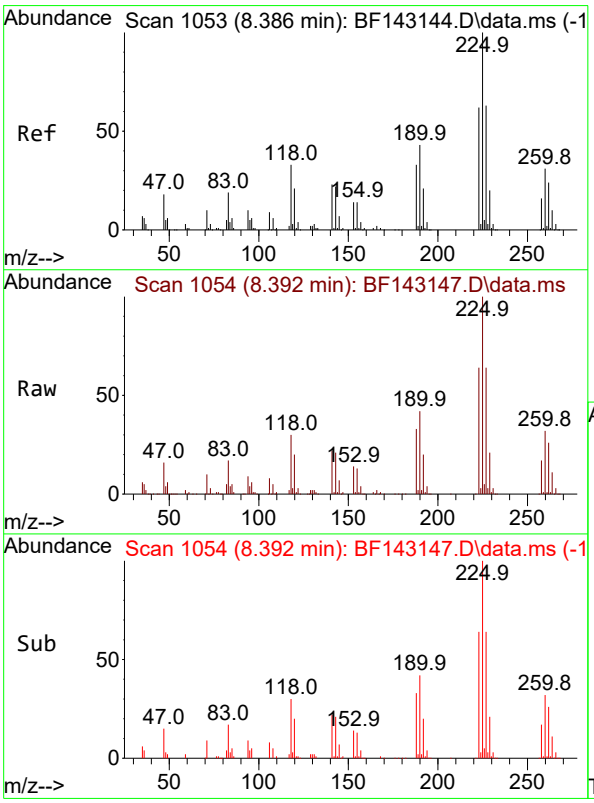
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.9	27.4	41.2
92	21.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

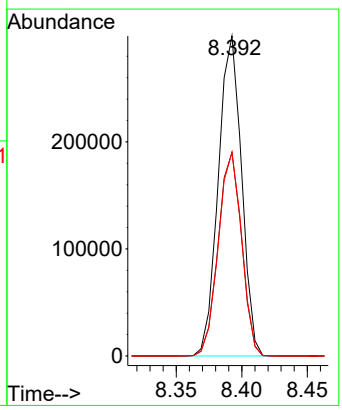
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

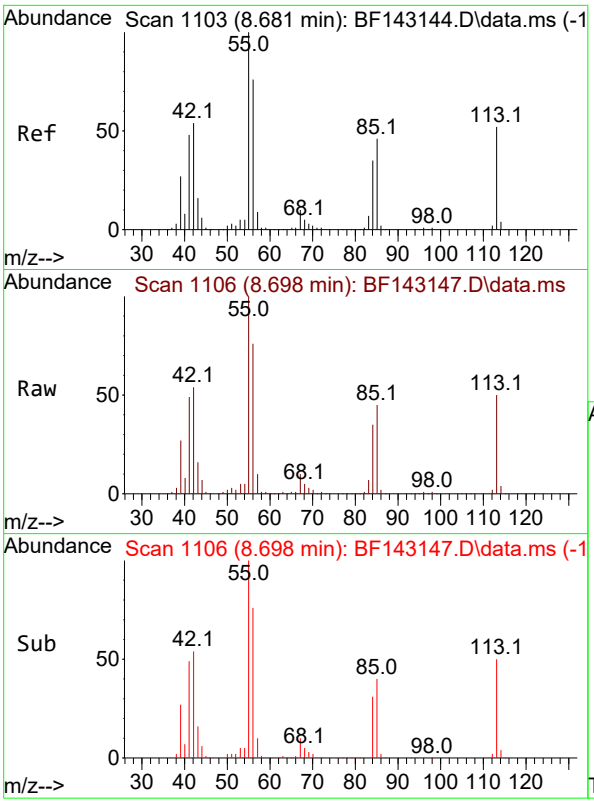


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.7	50.2	75.4

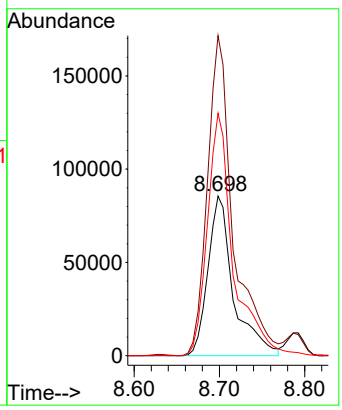




#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:113 Resp: 17827

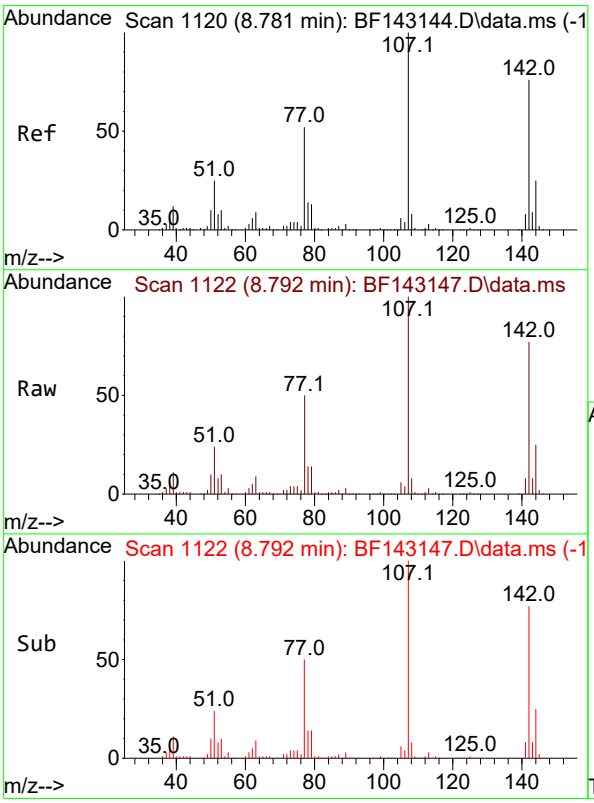
Ion	Ratio	Lower	Upper
113	100		
55	200.6	174.0	214.0
56	152.0	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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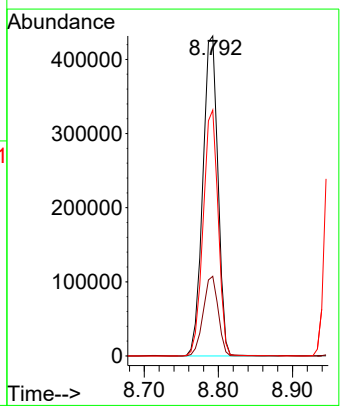
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

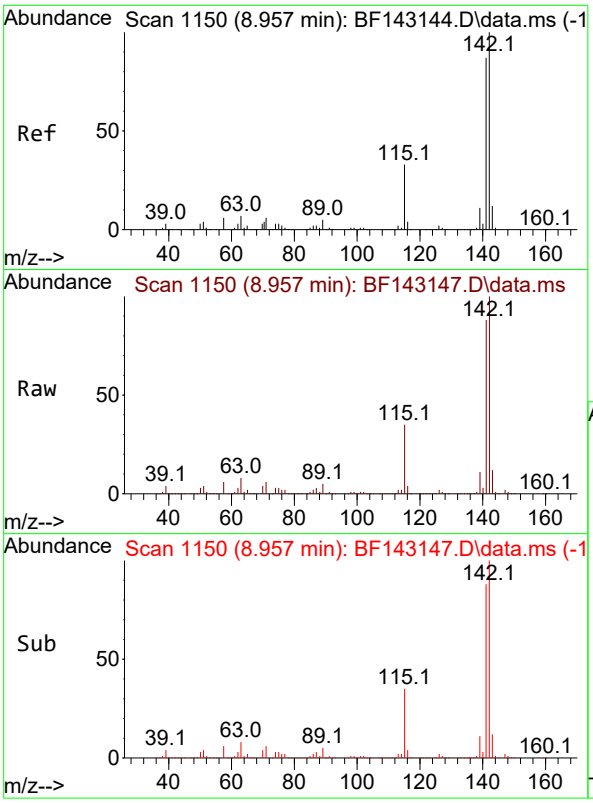


#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.9	60.6	90.8

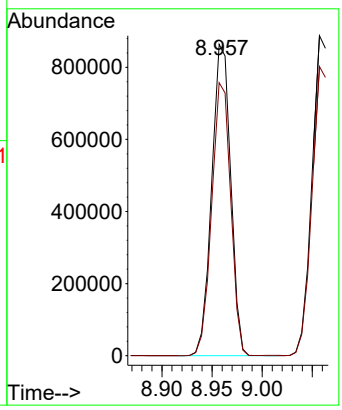




#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 113717

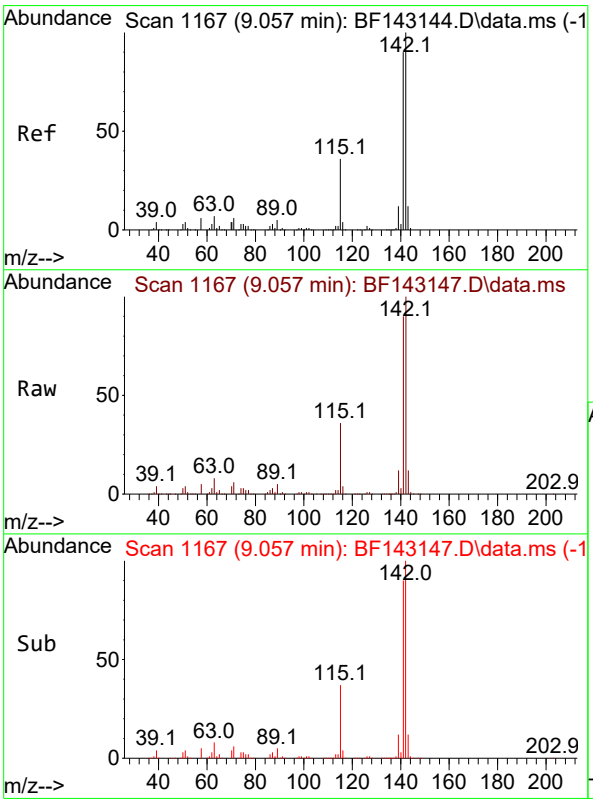
Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

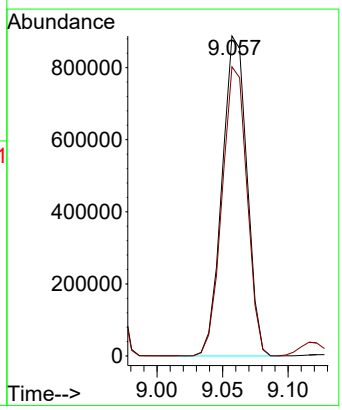
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

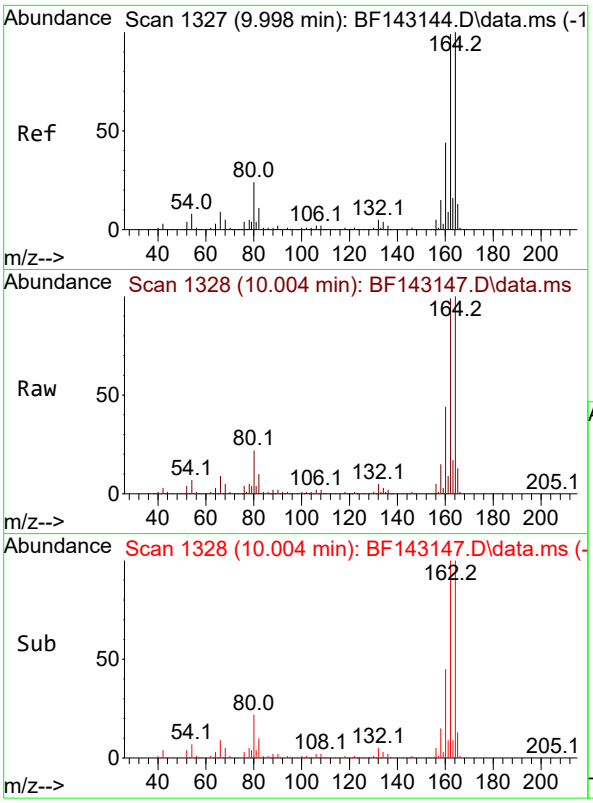


#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

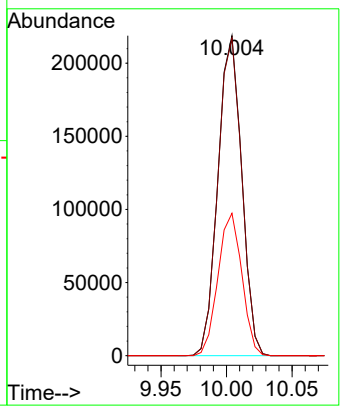




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:164 Resp: 27561

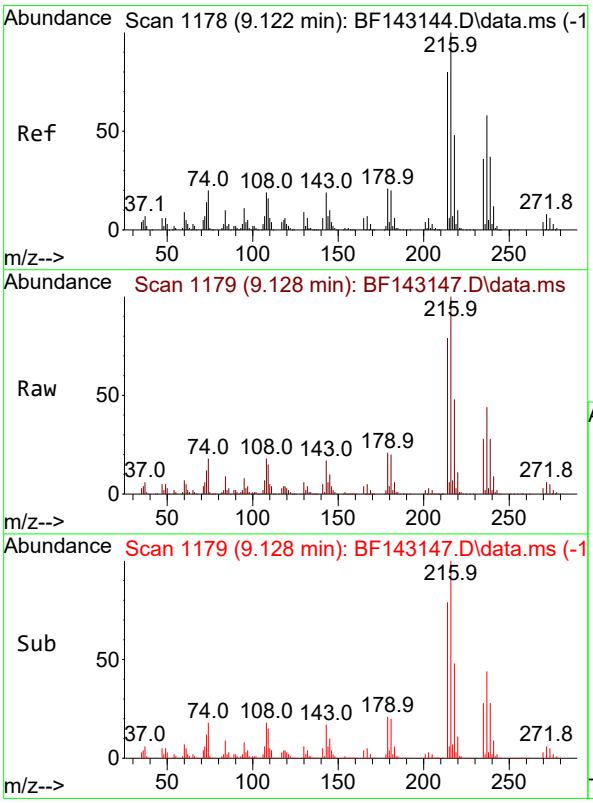
Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

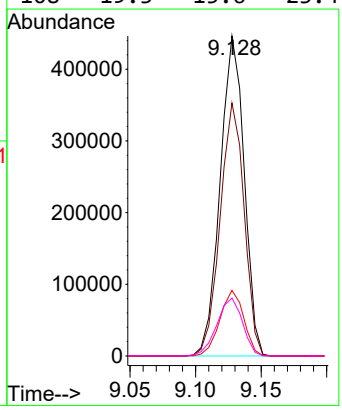
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

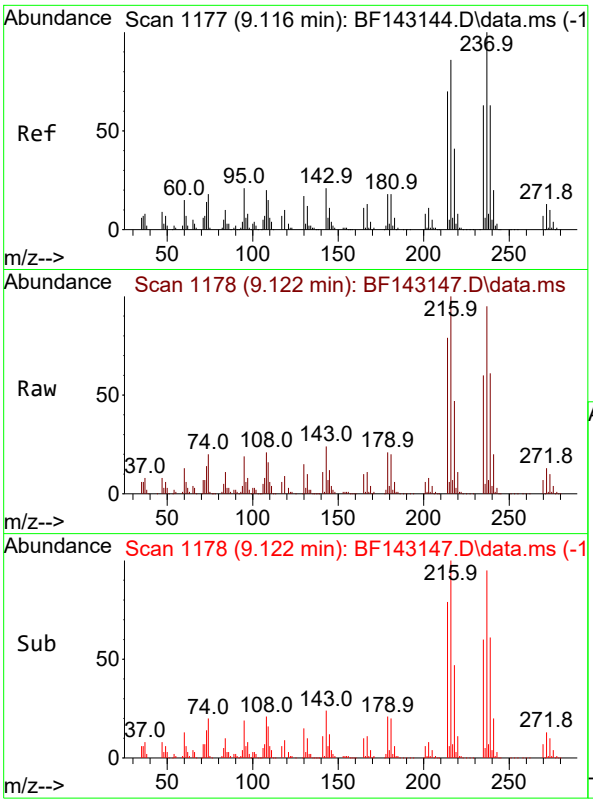


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.4	16.4	24.6
108	19.3	15.6	23.4

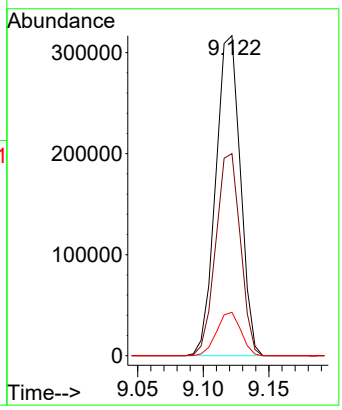




#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:237 Resp: 41275

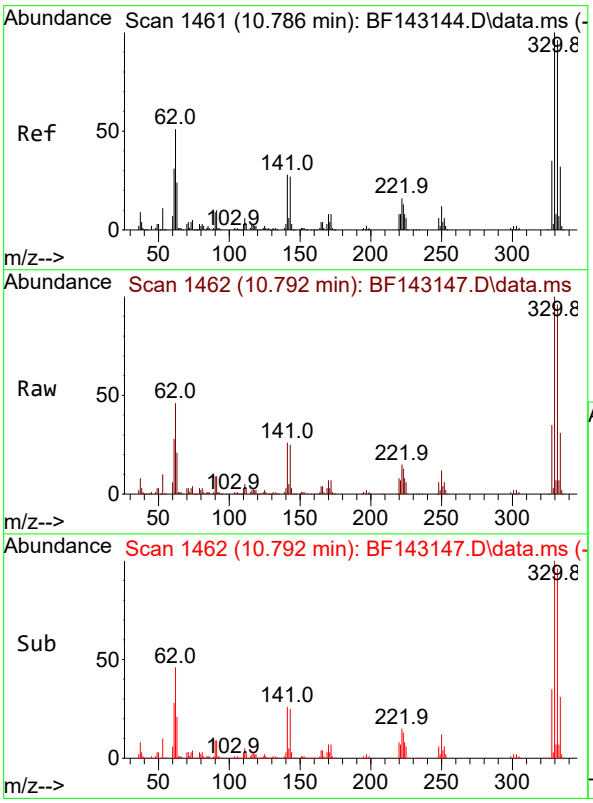
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.6	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

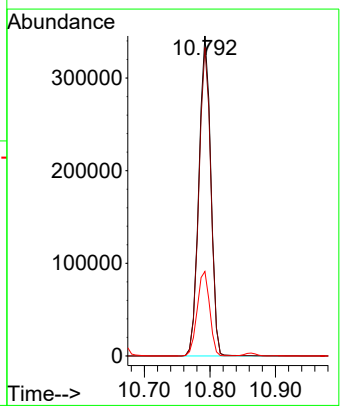
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

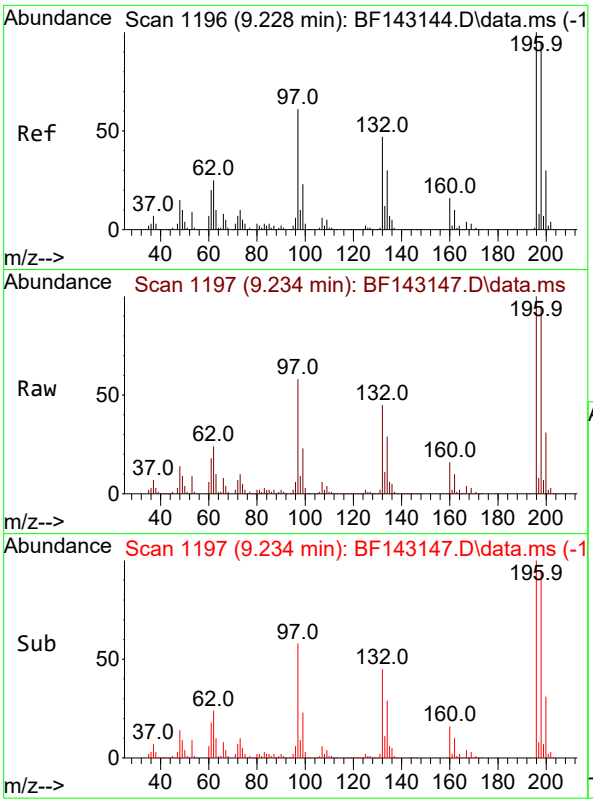


#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.7	23.3	34.9

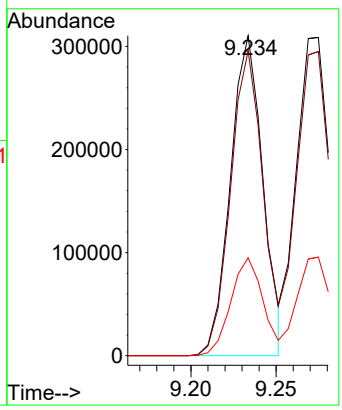




#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 41214

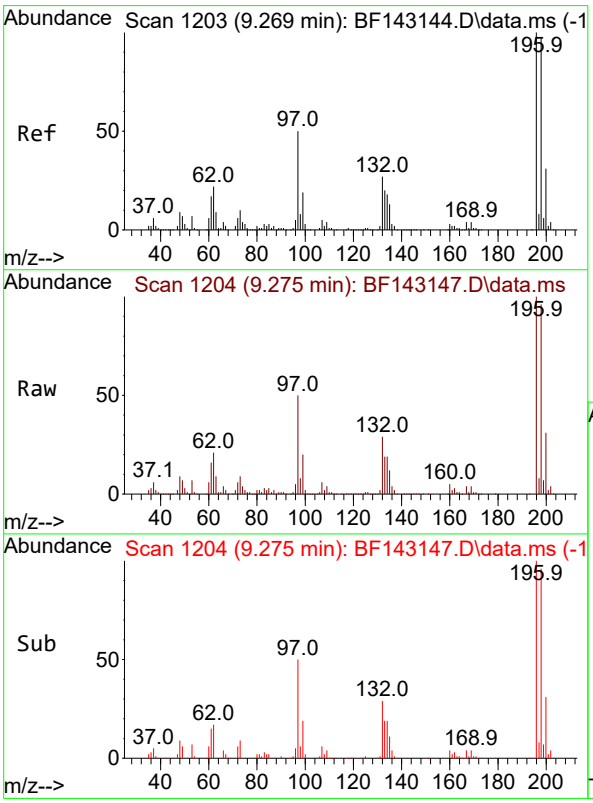
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.6	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

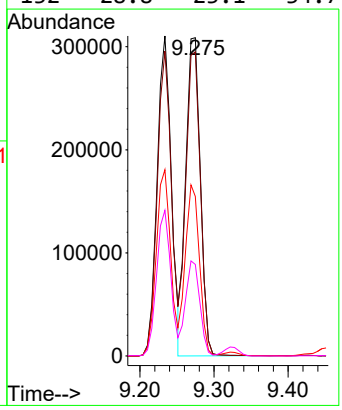
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

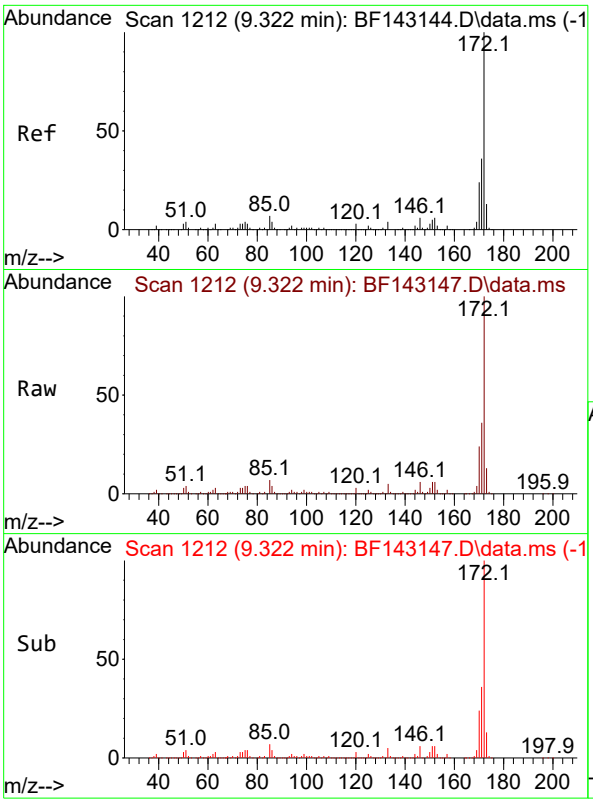


#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	50.1	40.3	60.5
132	28.8	23.1	34.7

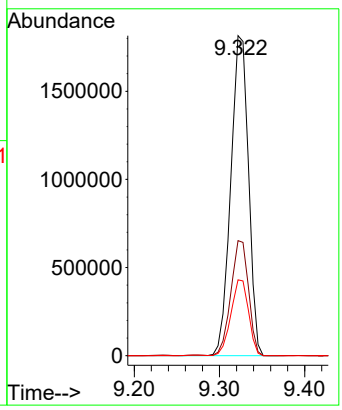




#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:172 Resp: 262307

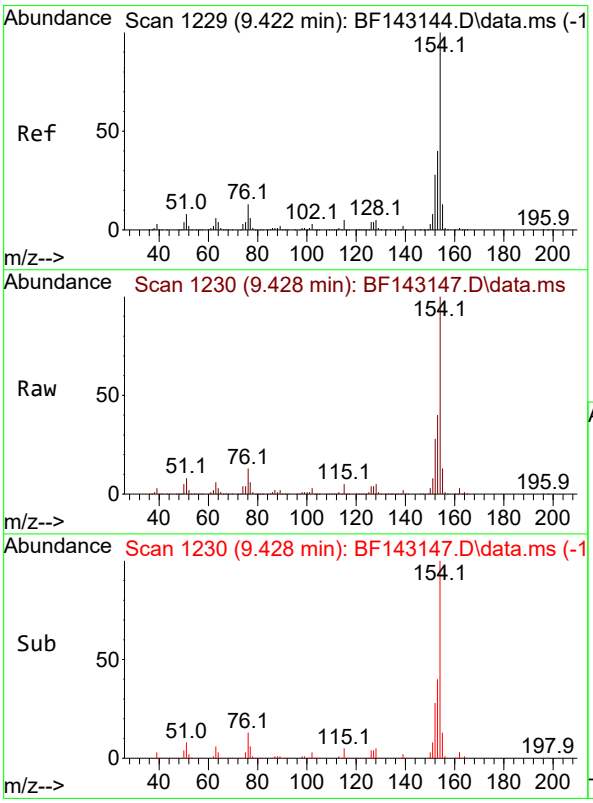
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

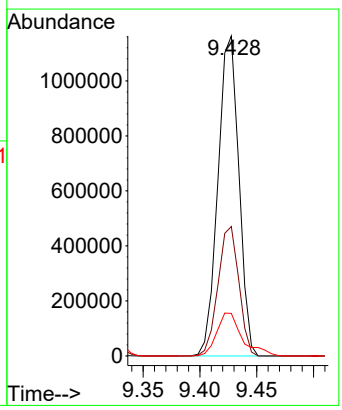
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

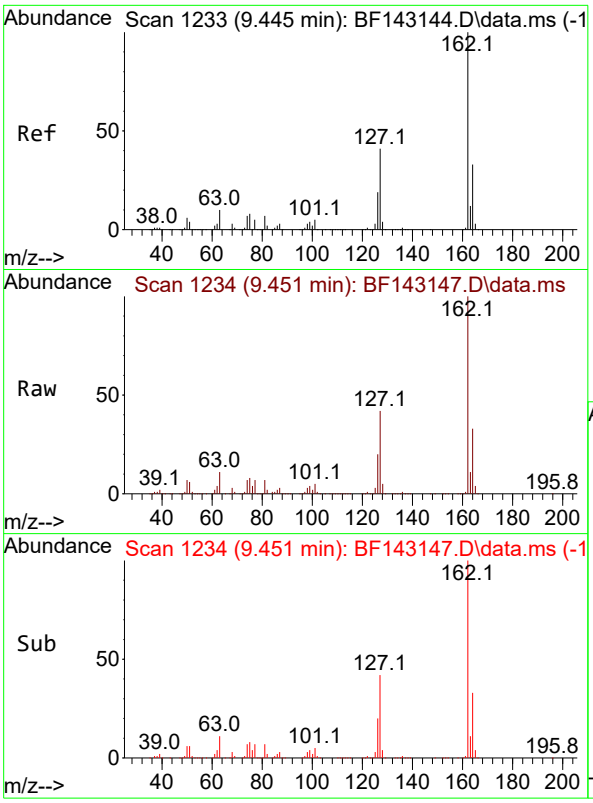


#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	33.3

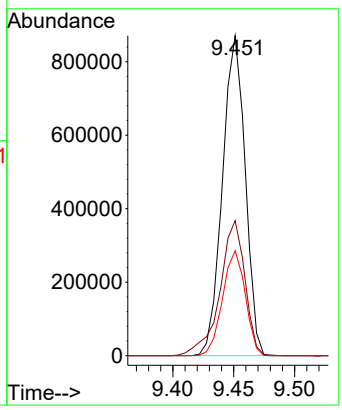




#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 113162

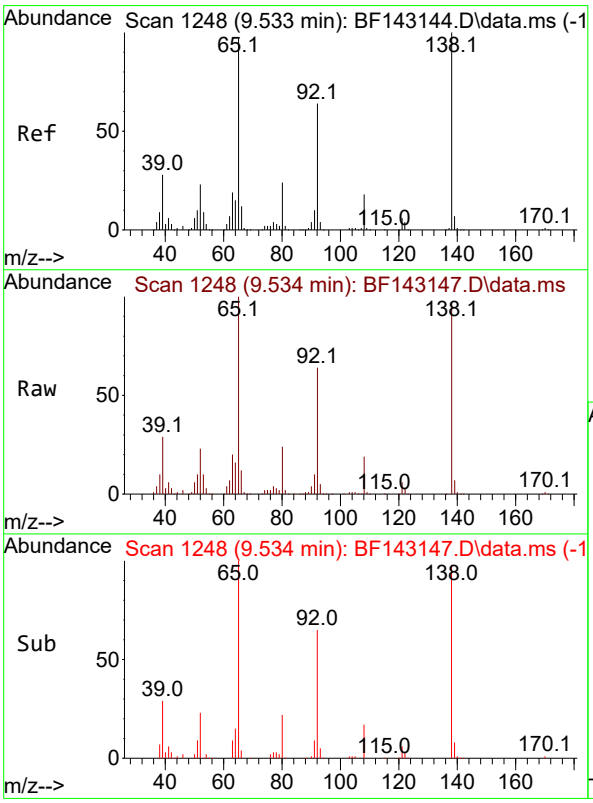
Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

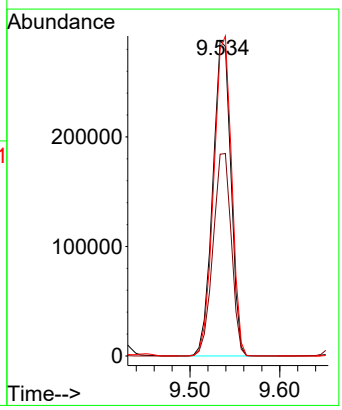
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

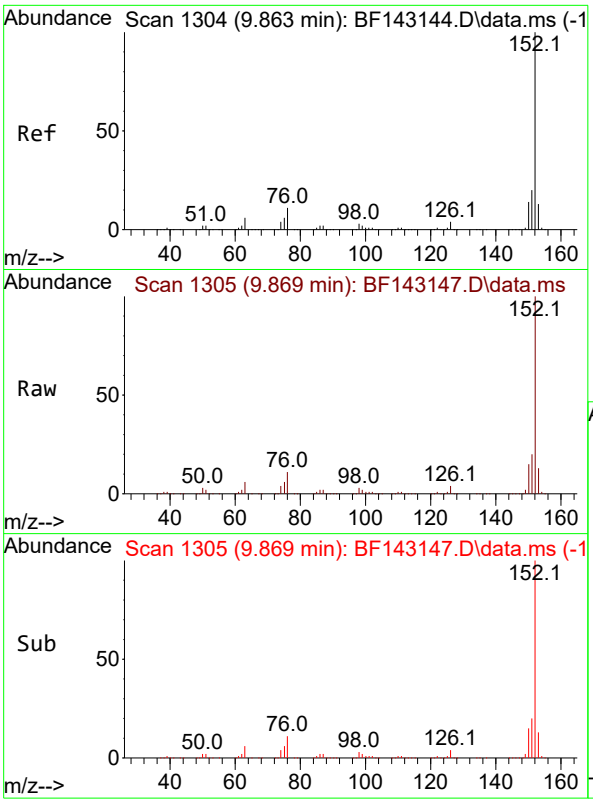


#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.4	78.6
138	97.3	82.3	123.5

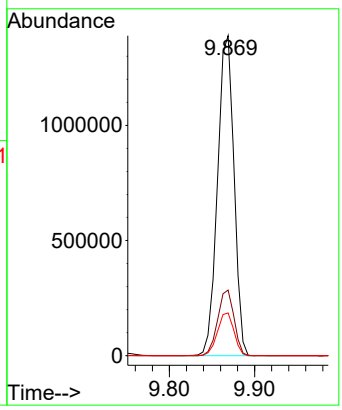




#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 186806

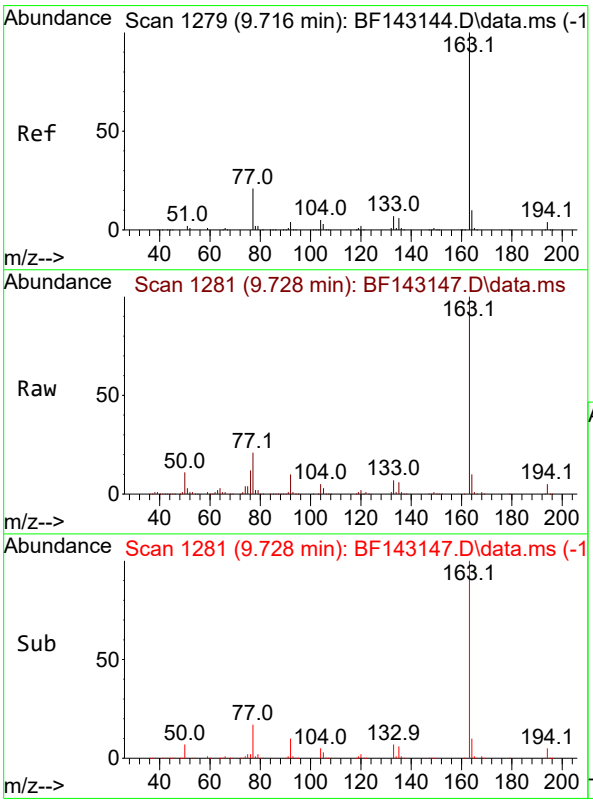
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

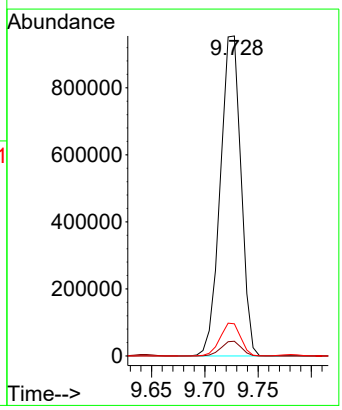
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

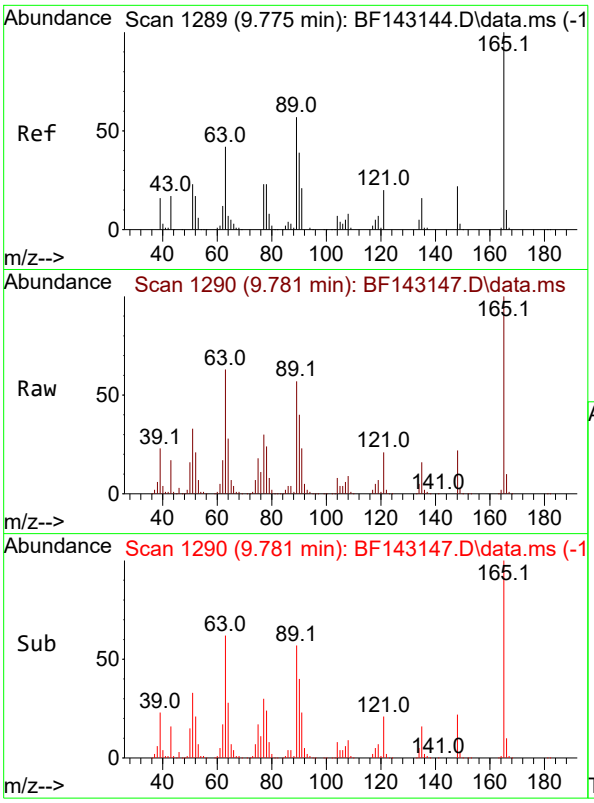


#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5

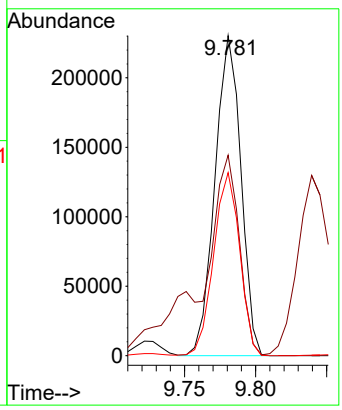




#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 29271

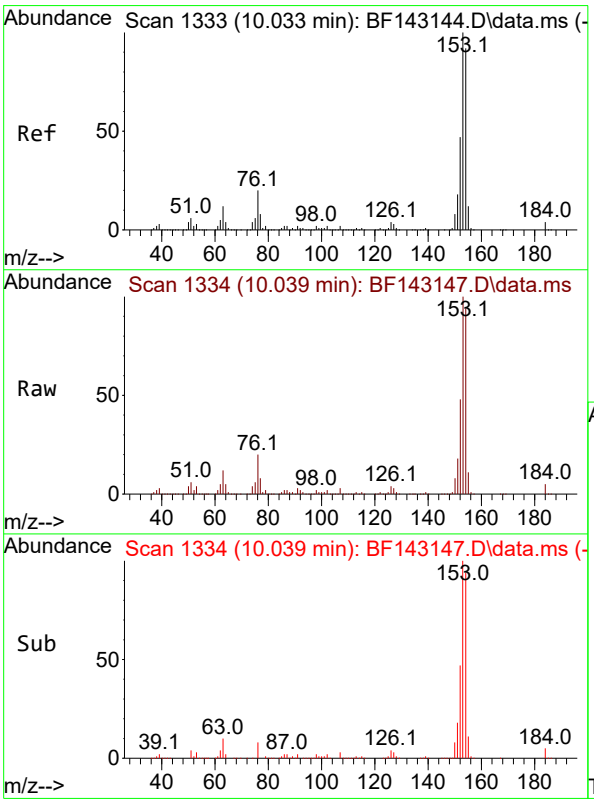
Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	57.2	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

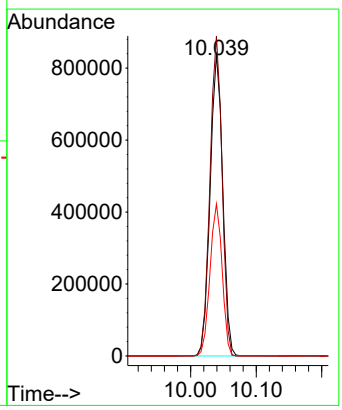
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

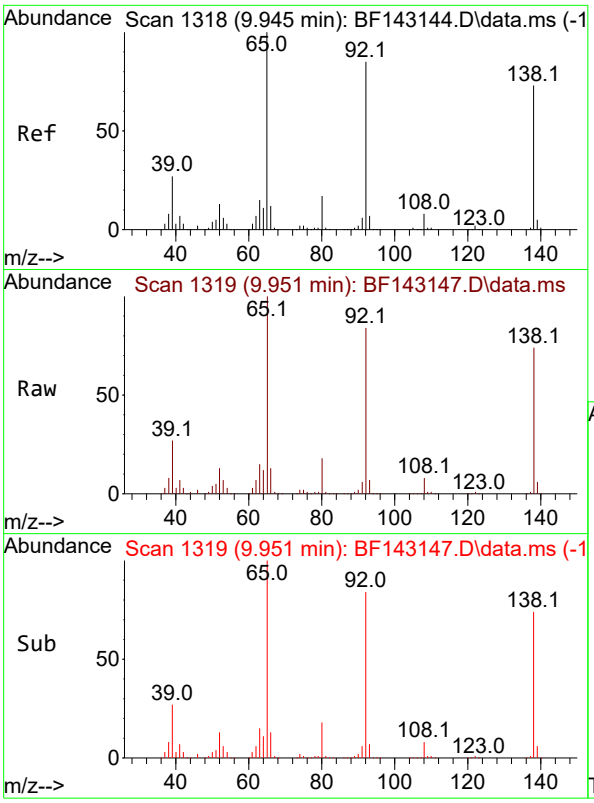


#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.6	129.8
152	50.4	40.4	60.6

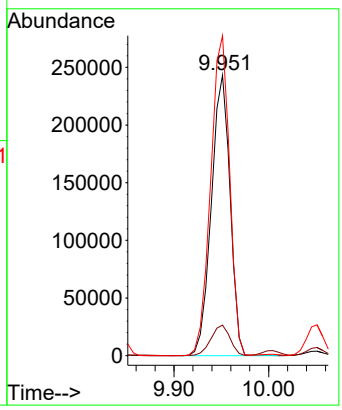




#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 33398

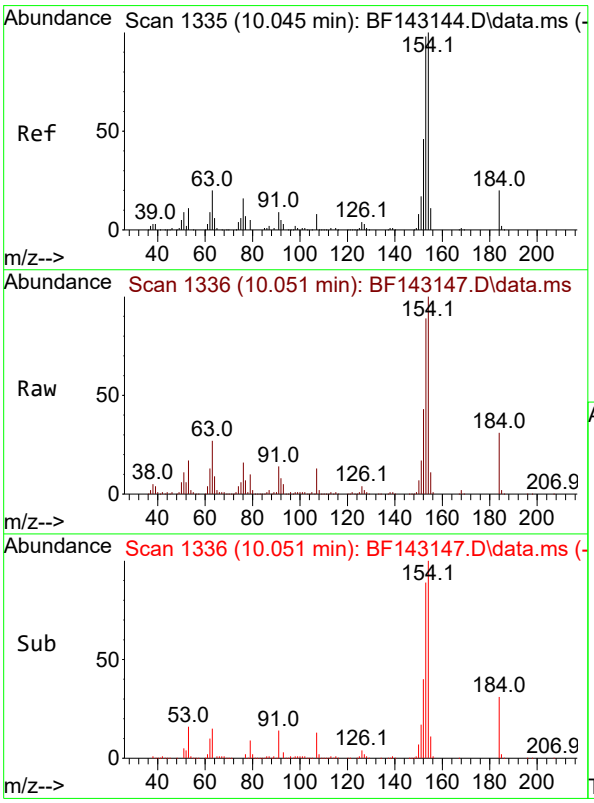
Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.1	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

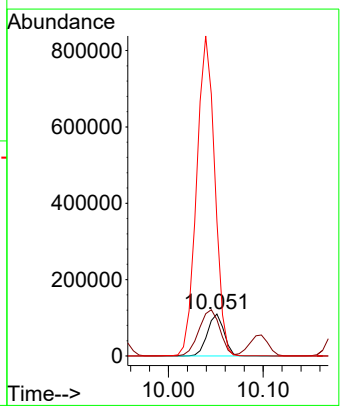
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

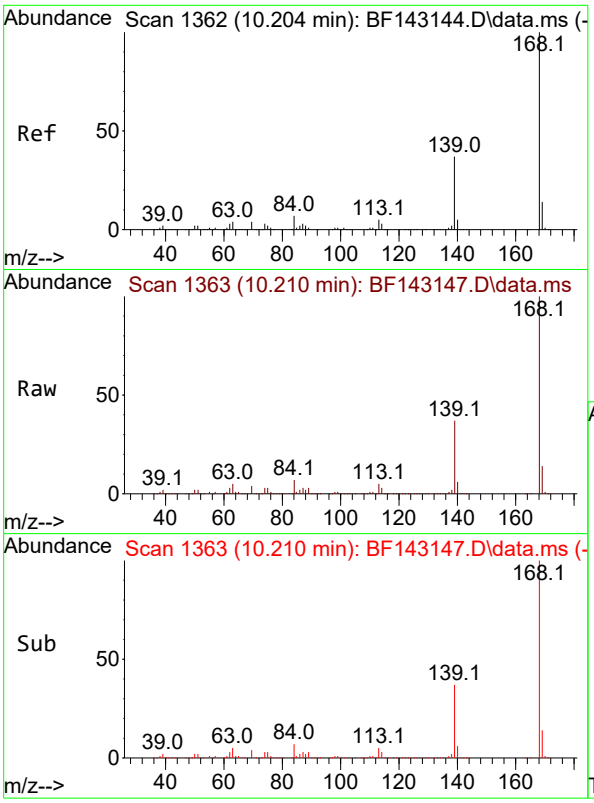


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

Ion	Ratio	Lower	Upper
184	100		
63	86.6	81.8	122.6
154	321.6	412.2	618.4#

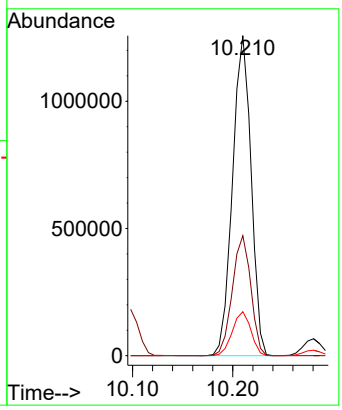




#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:168 Resp: 161539

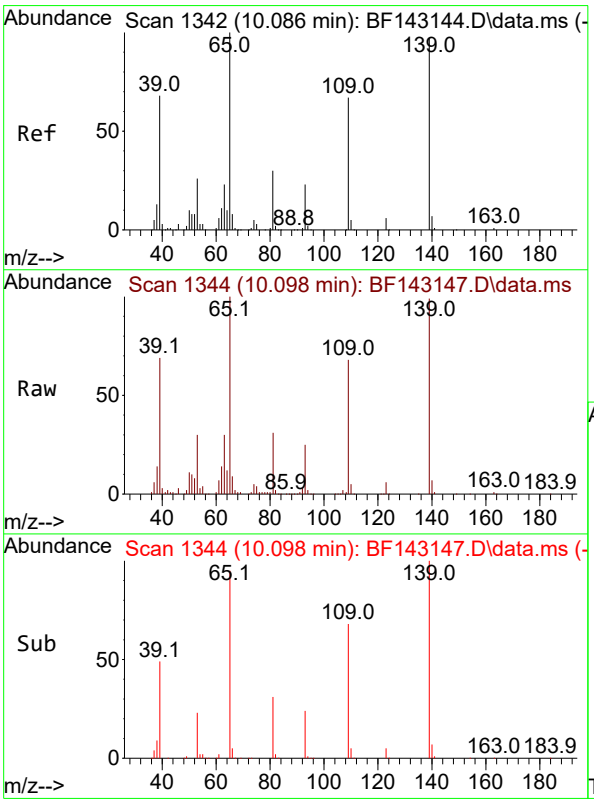
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

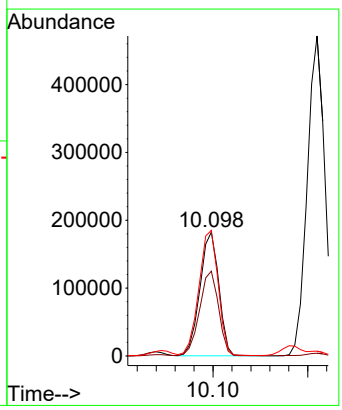
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

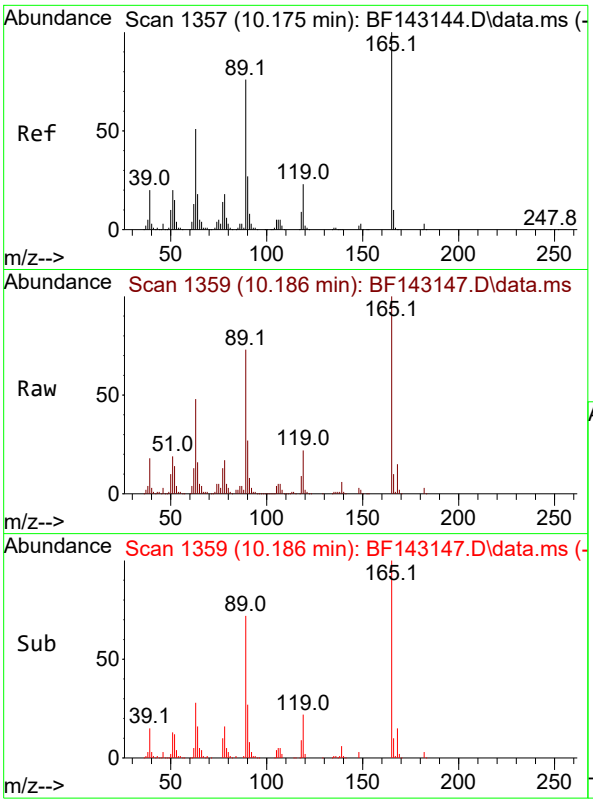


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

Ion	Ratio	Lower	Upper
139	100		
109	68.4	48.5	88.5
65	101.3	83.4	123.4

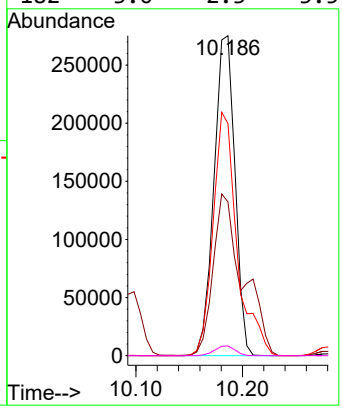




#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 37612

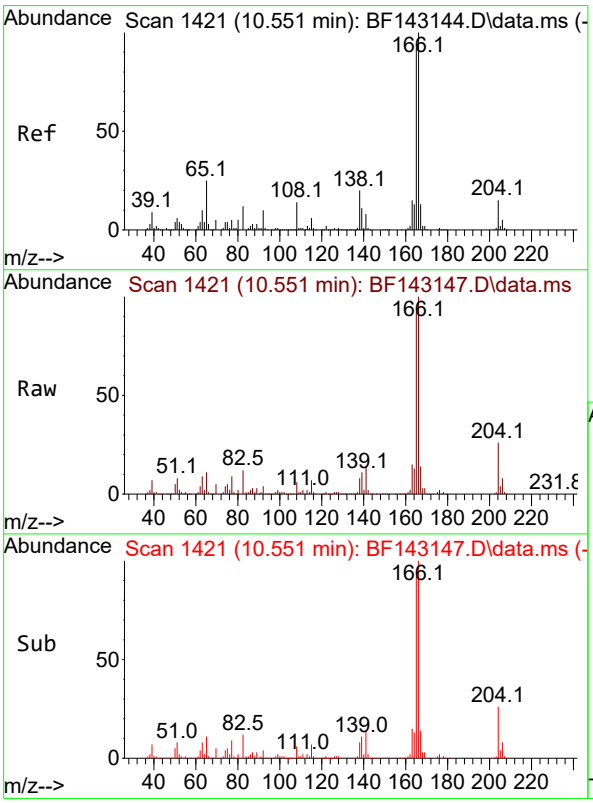
Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.0	61.4
89	72.5	61.1	91.7
182	3.0	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

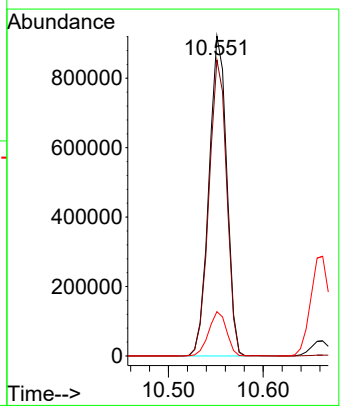
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

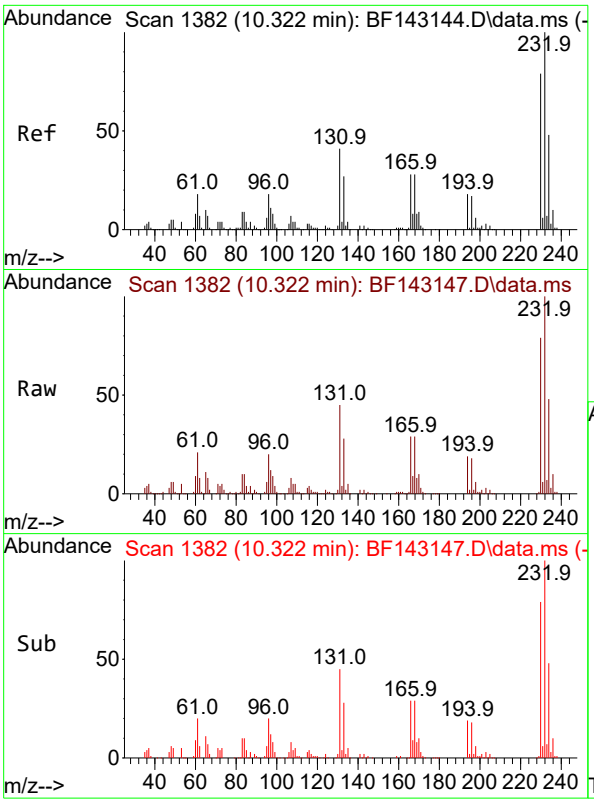


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.8	10.6	16.0

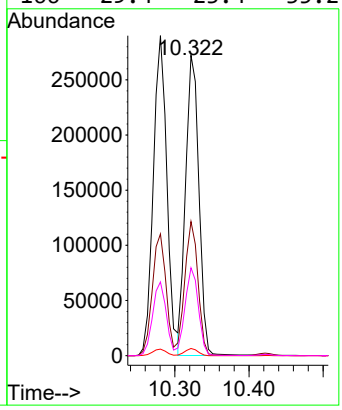




#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:232 Resp: 34011

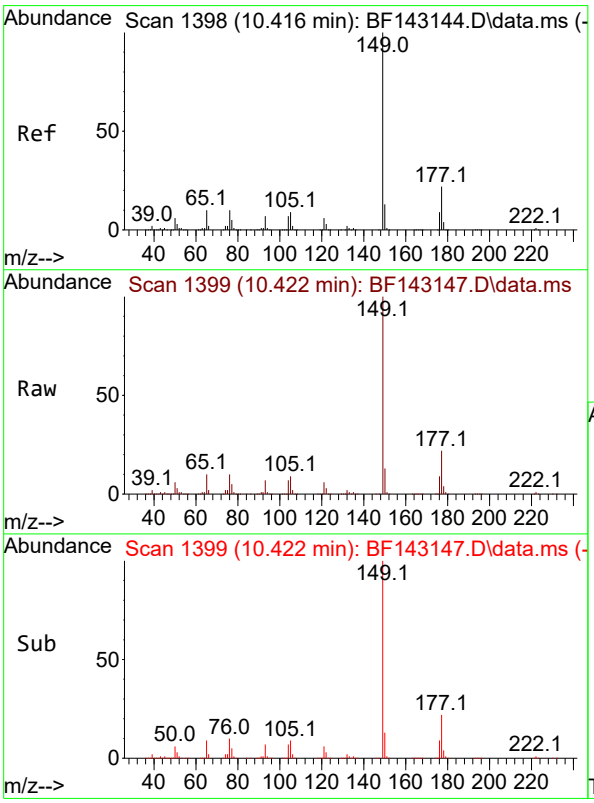
Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.3	52.9
130	2.4	1.7	2.5
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

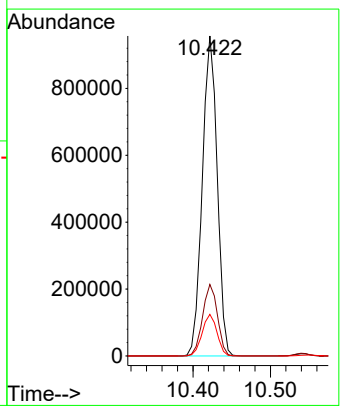
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

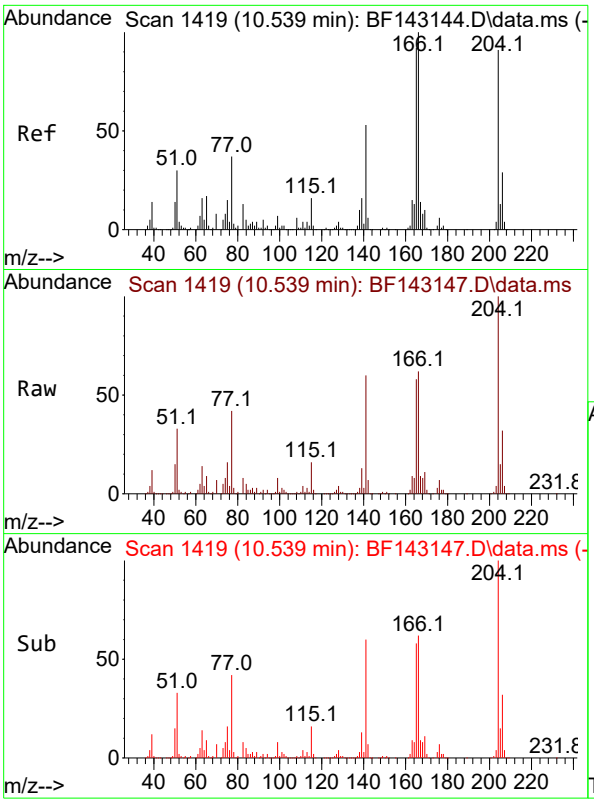


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.0	10.2	15.2

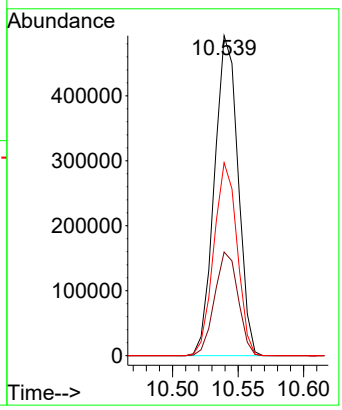




#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:204 Resp: 61496

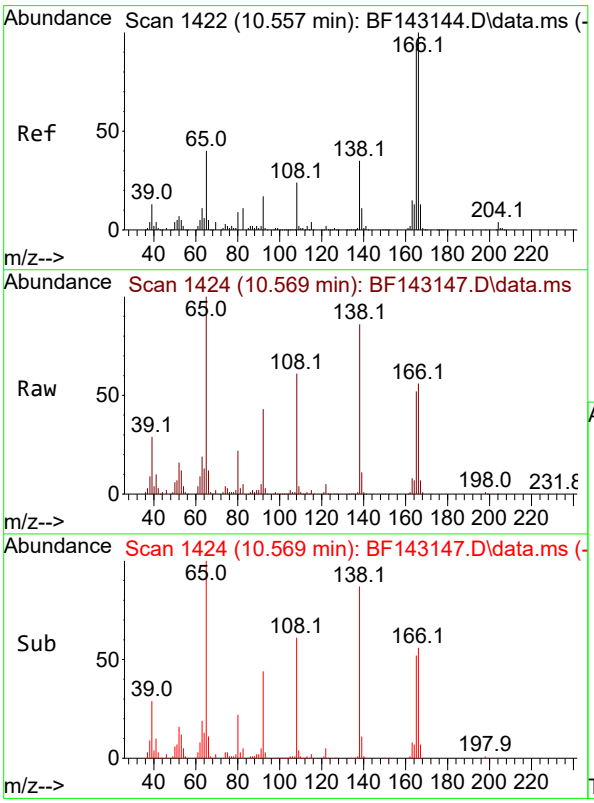
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.3	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

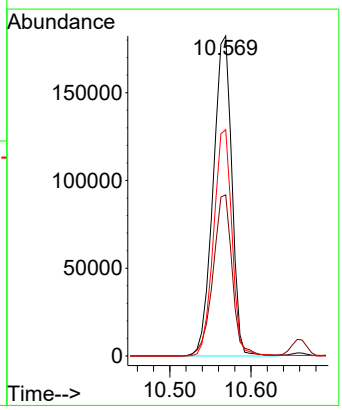
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

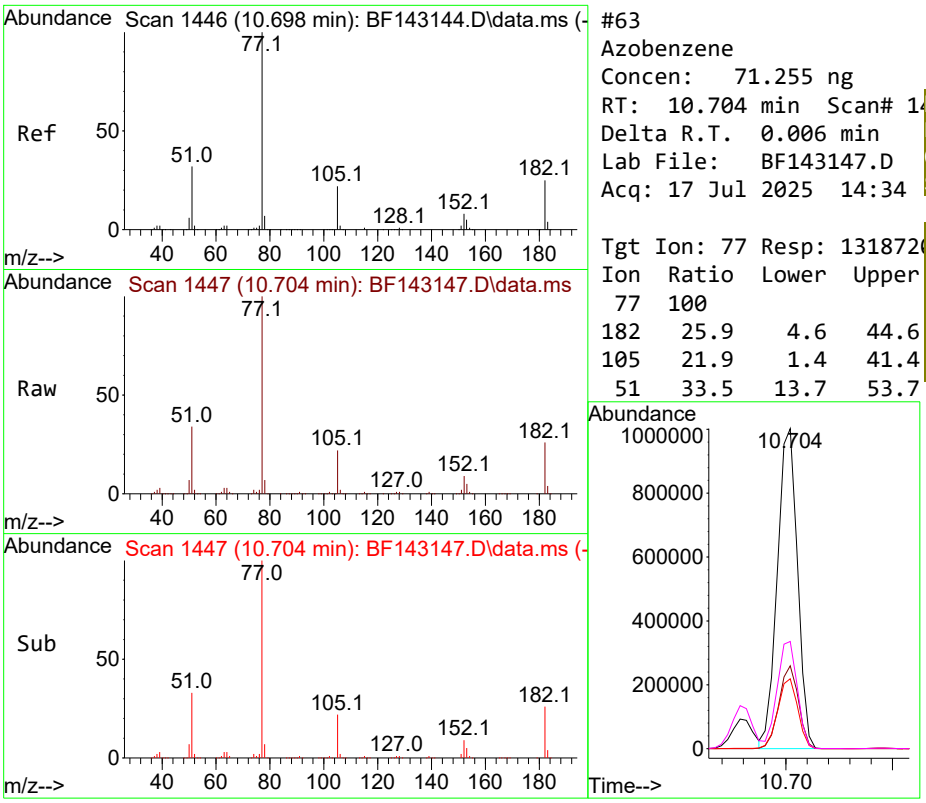


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.3	69.3
108	70.7	48.3	88.3





#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

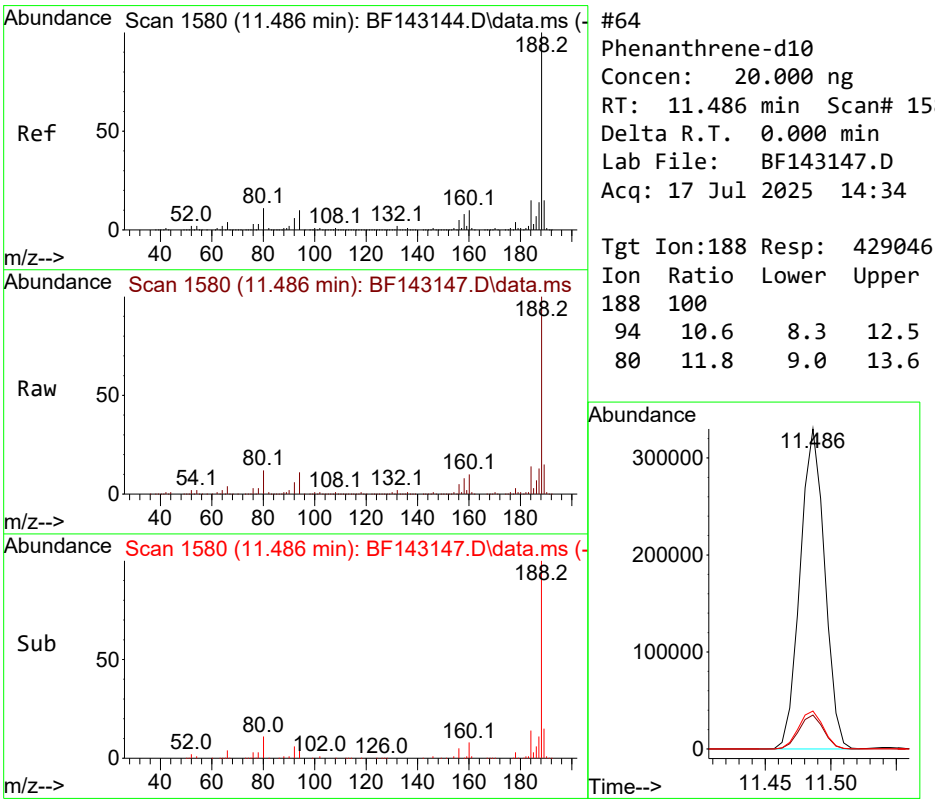
Tgt Ion: 77 Resp: 131872

Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.6	44.6
105	21.9	1.4	41.4
51	33.5	13.7	53.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

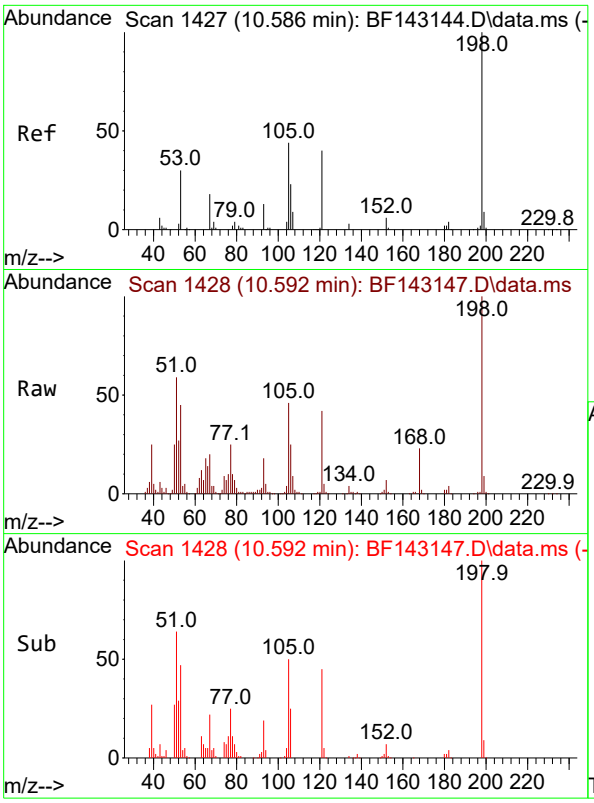
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.8	9.0	13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

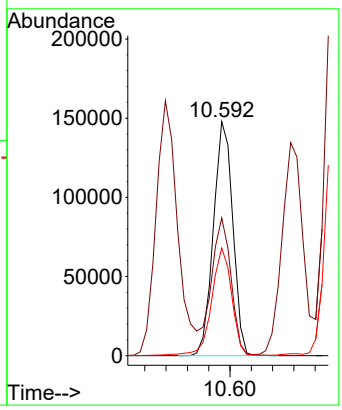
Tgt Ion:198 Resp: 18641

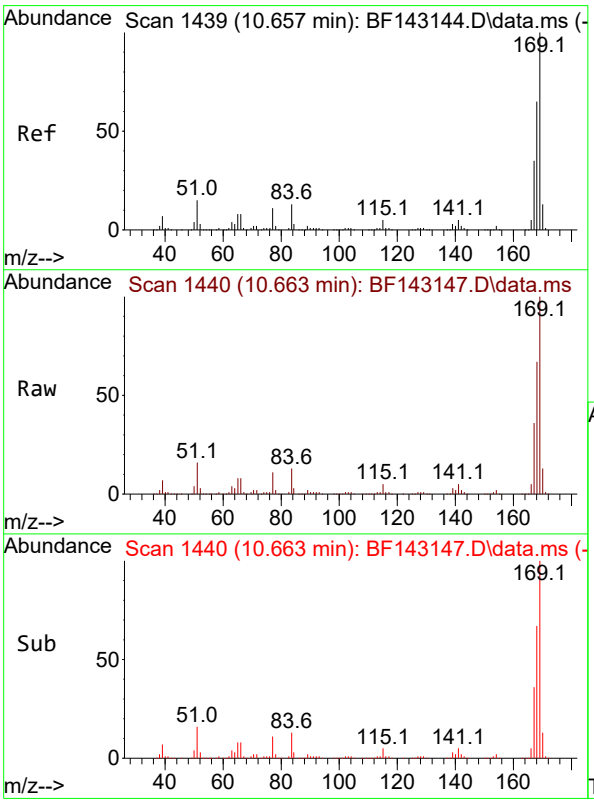
Ion	Ratio	Lower	Upper
198	100		
51	58.9	37.2	77.2
105	46.0	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

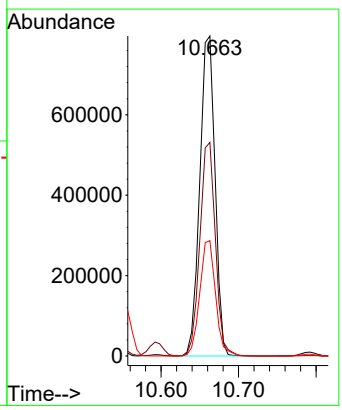


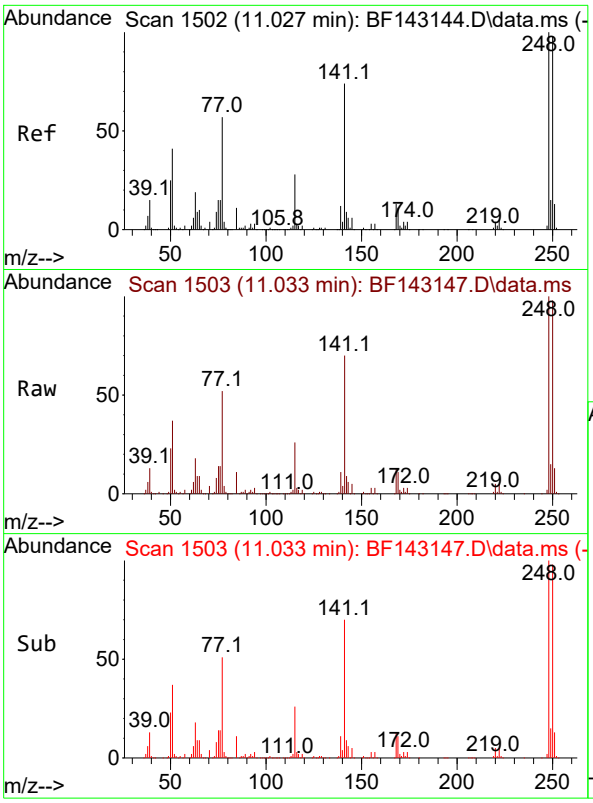


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.1	78.1
167	36.1	28.2	42.2

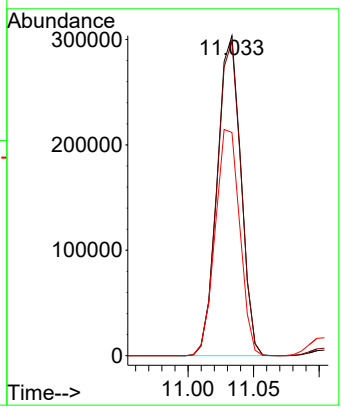




#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:248 Resp: 38212

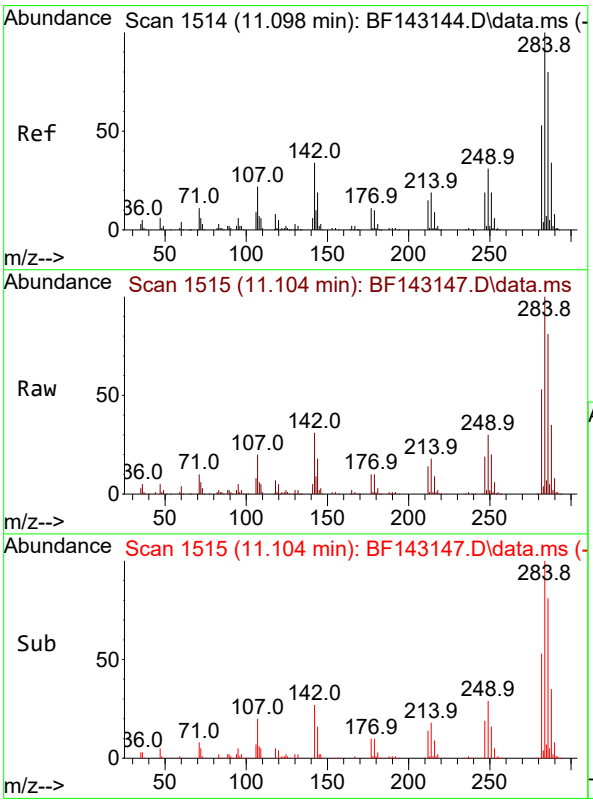
Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	69.8	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

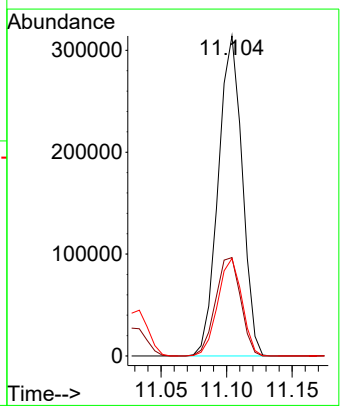
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

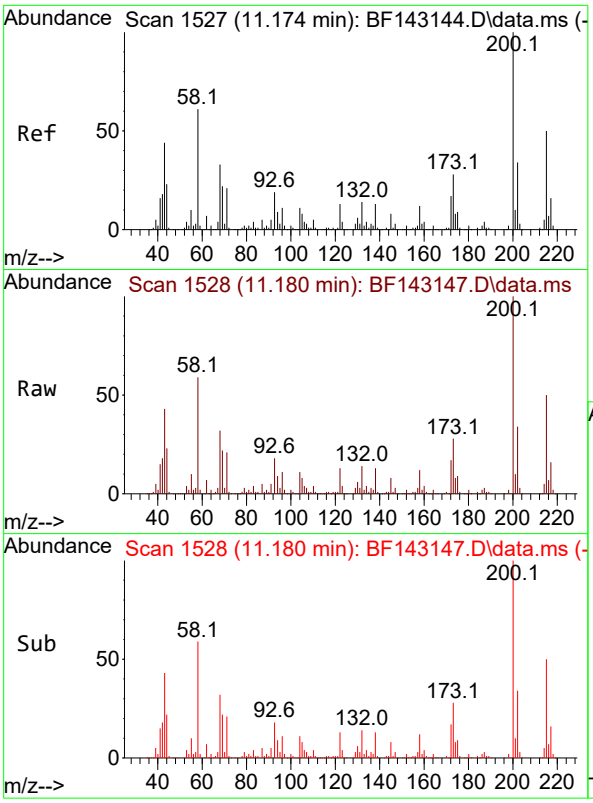


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.6
249	30.5	25.0	37.6

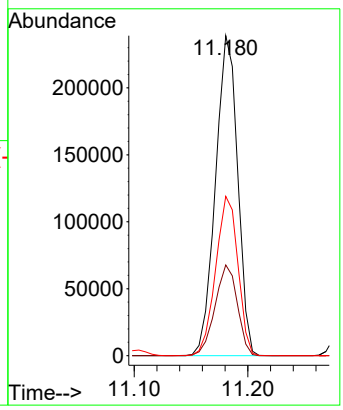




#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:200 Resp: 32412

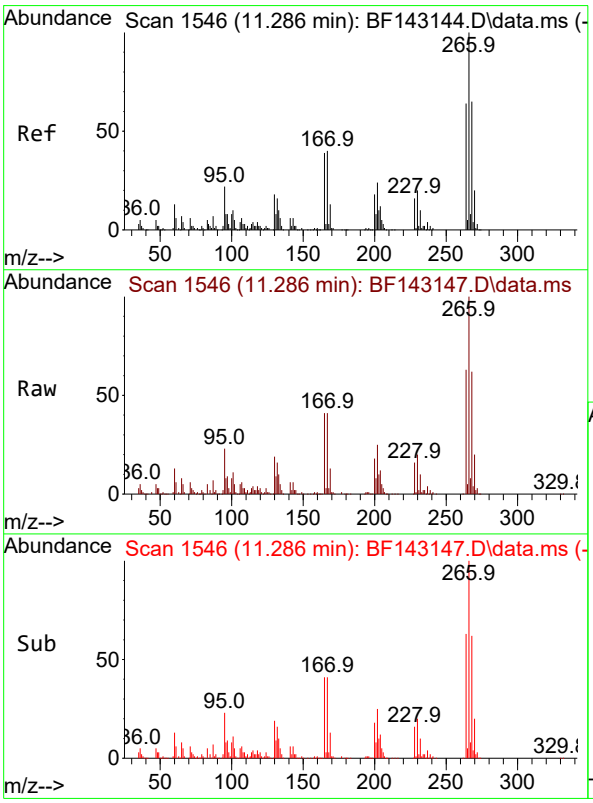
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

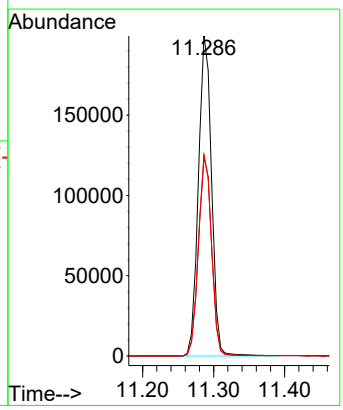
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

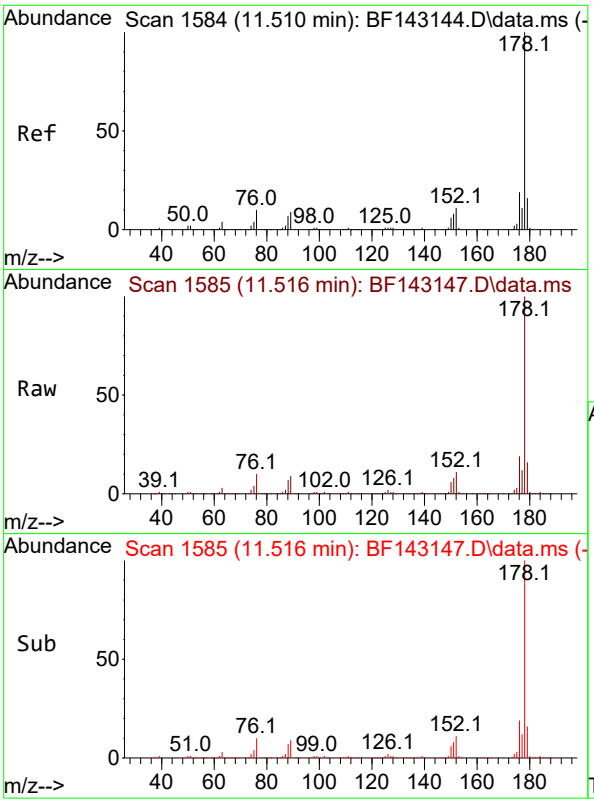


#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.9	51.0	76.6

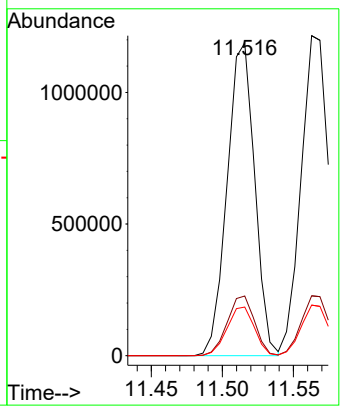




#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 160220

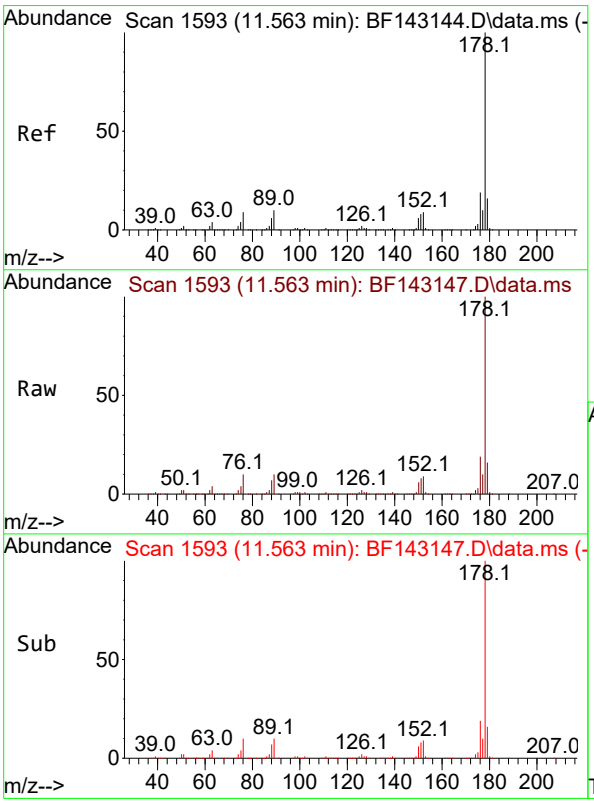
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

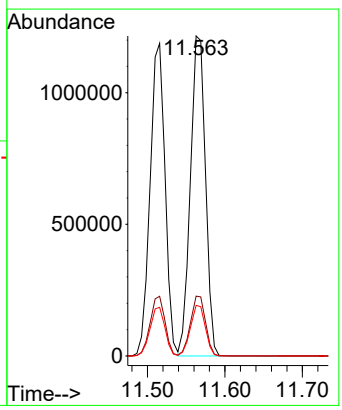
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

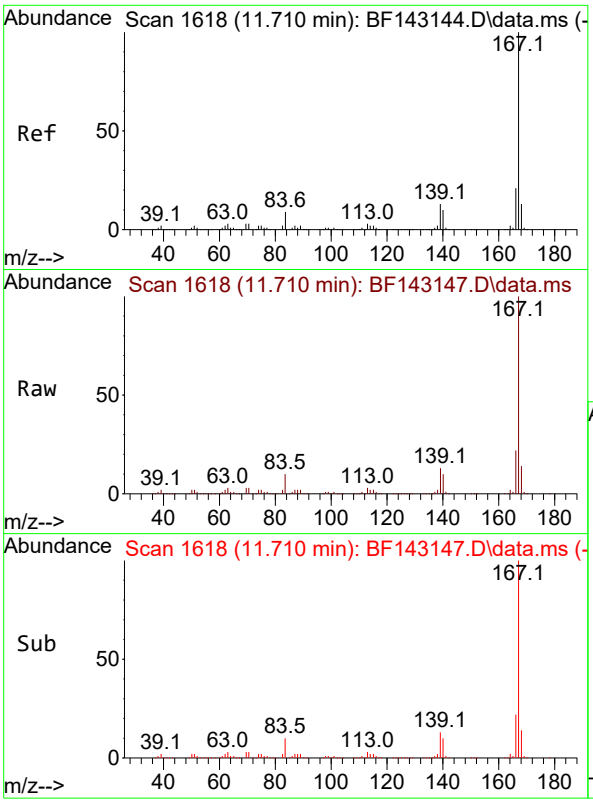


#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7

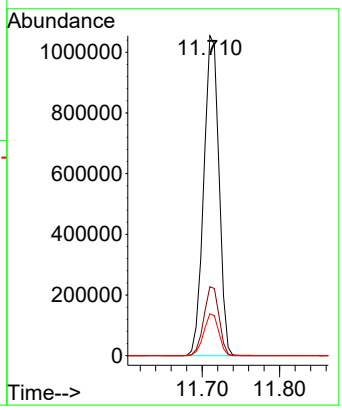




#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:167 Resp: 143544

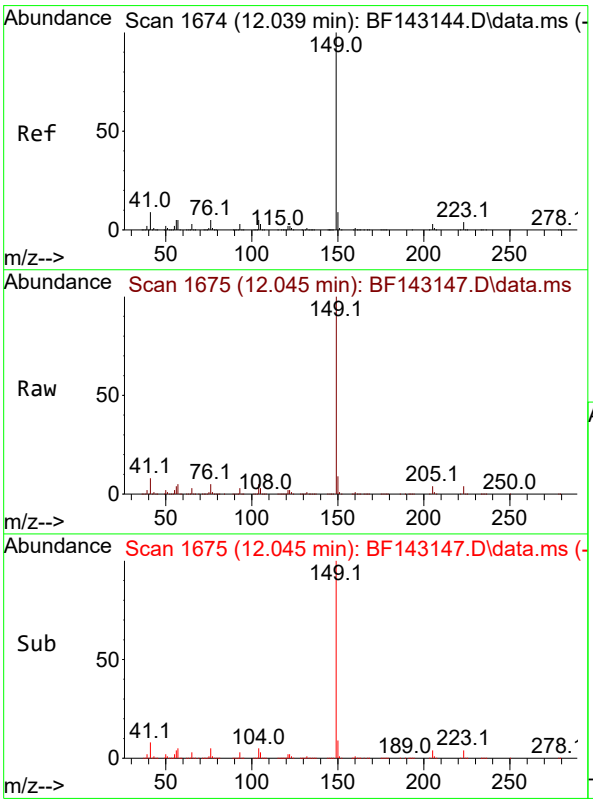
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

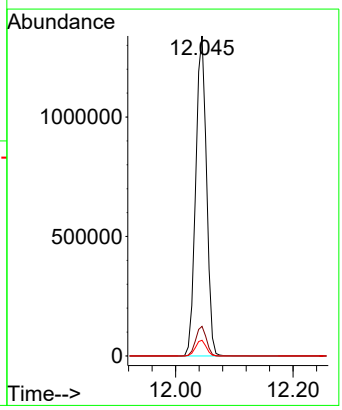
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

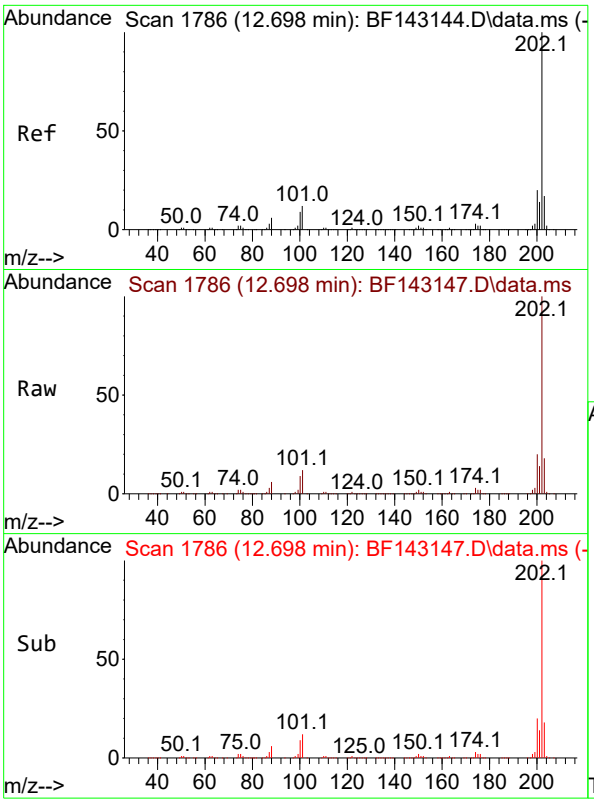


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.8





#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

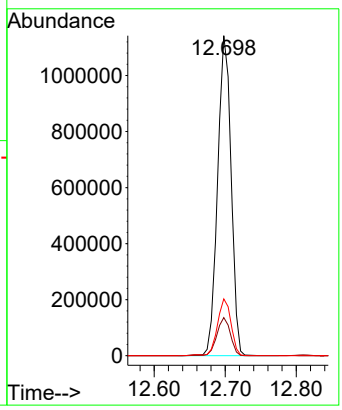
Tgt Ion:202 Resp: 149810

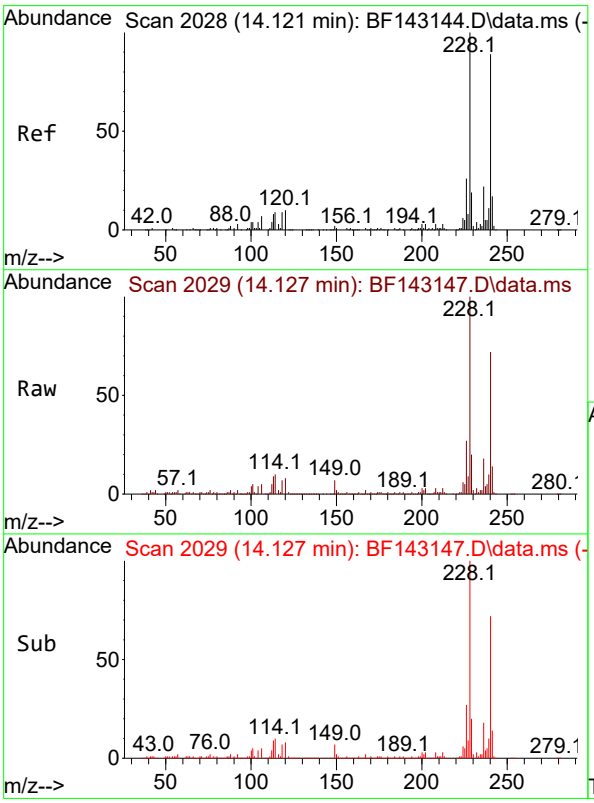
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.8	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/18/2025
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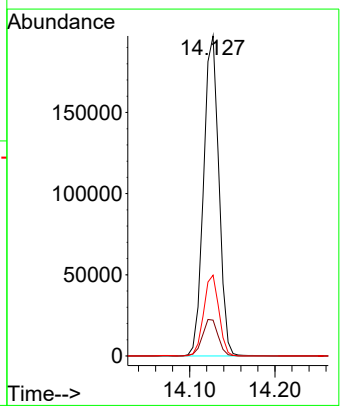


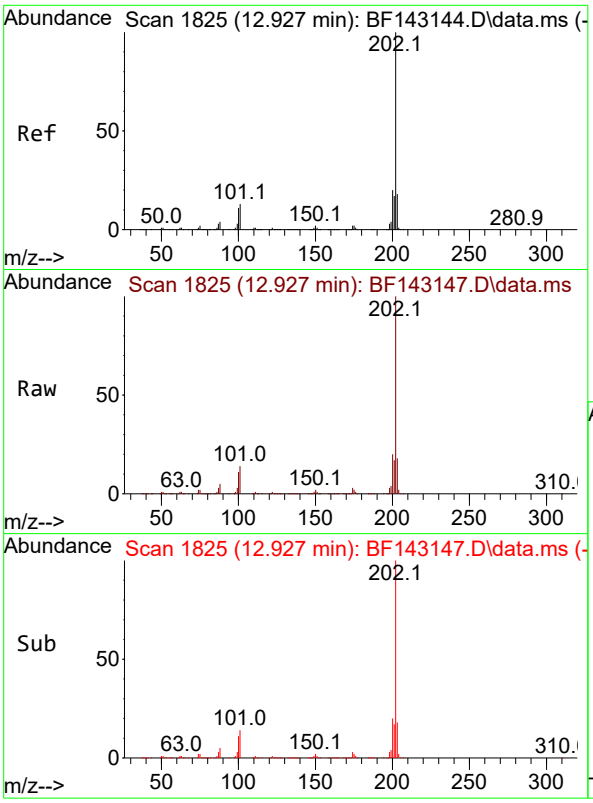


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.2	20.2	30.4

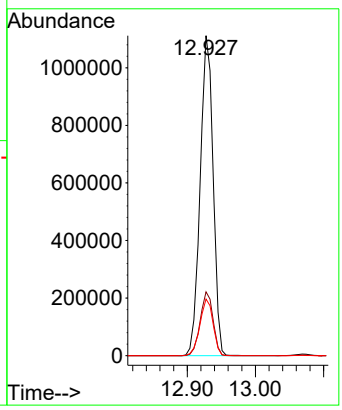




#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 146620

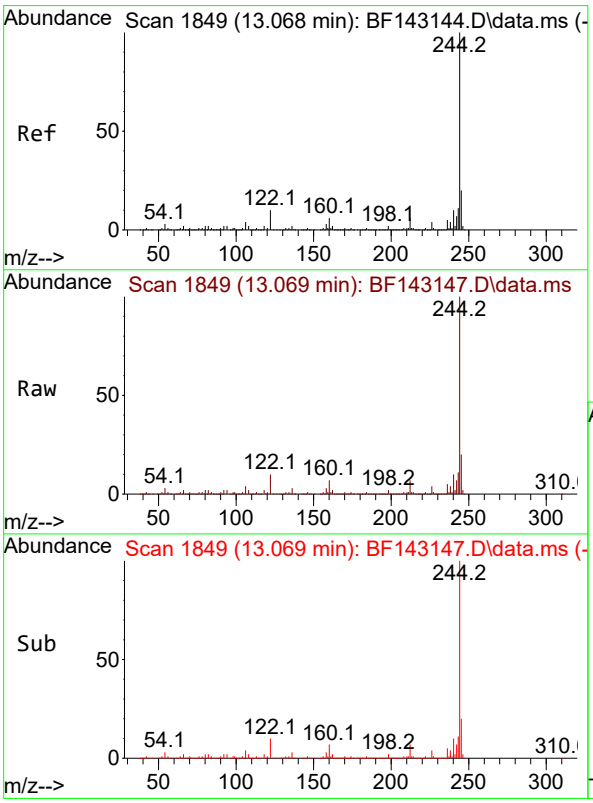
Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

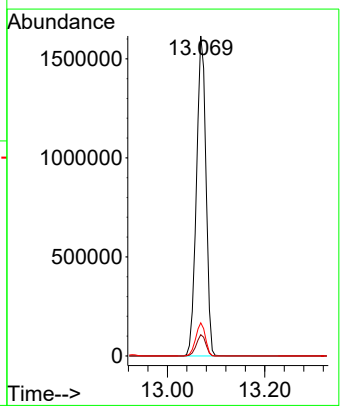
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

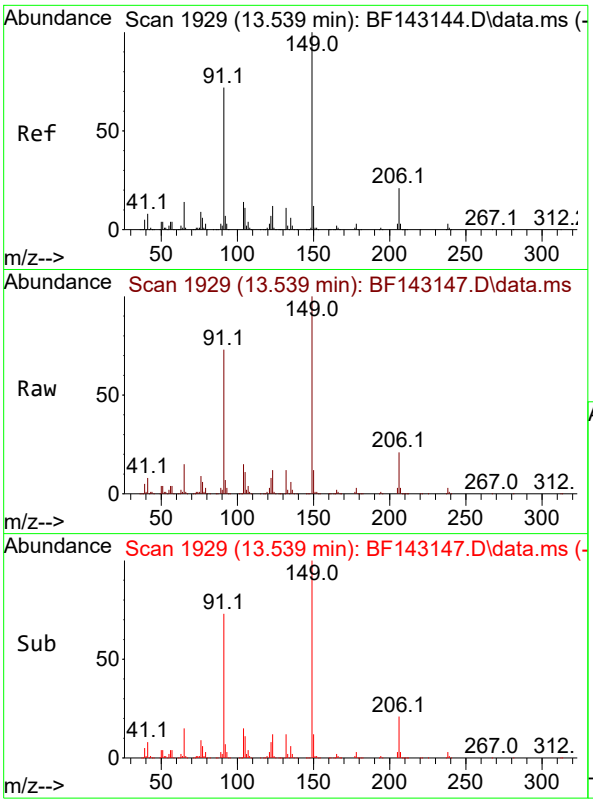


#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:244 Resp: 2202828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

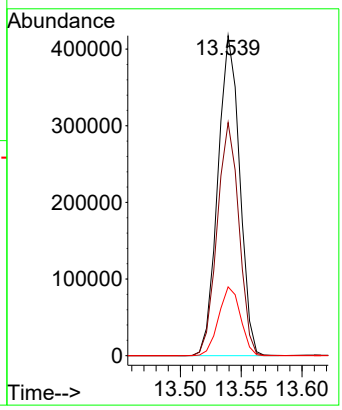




#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 52163

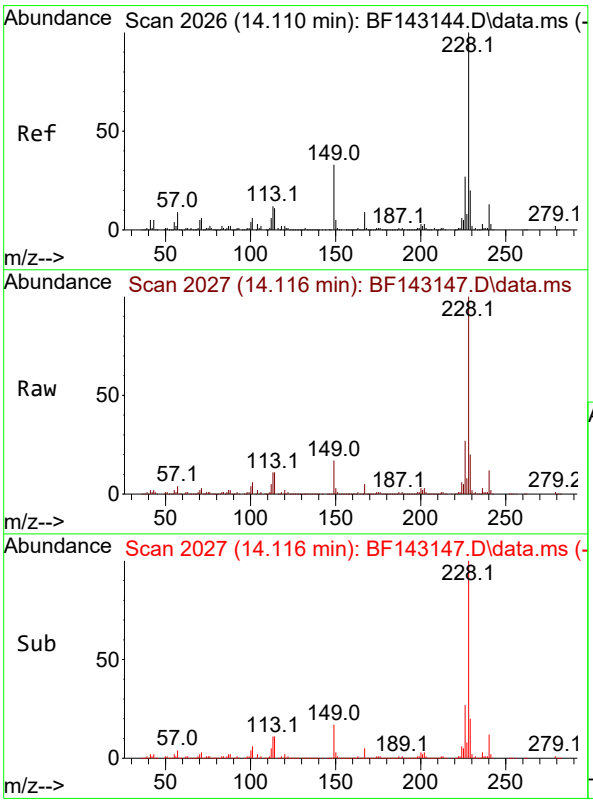
Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.9	86.9
206	21.5	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

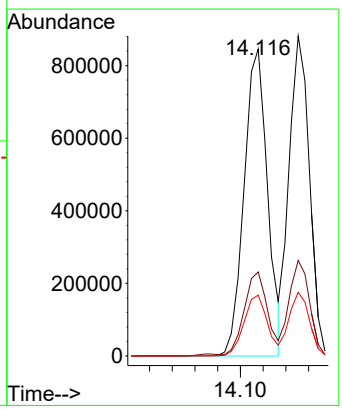
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

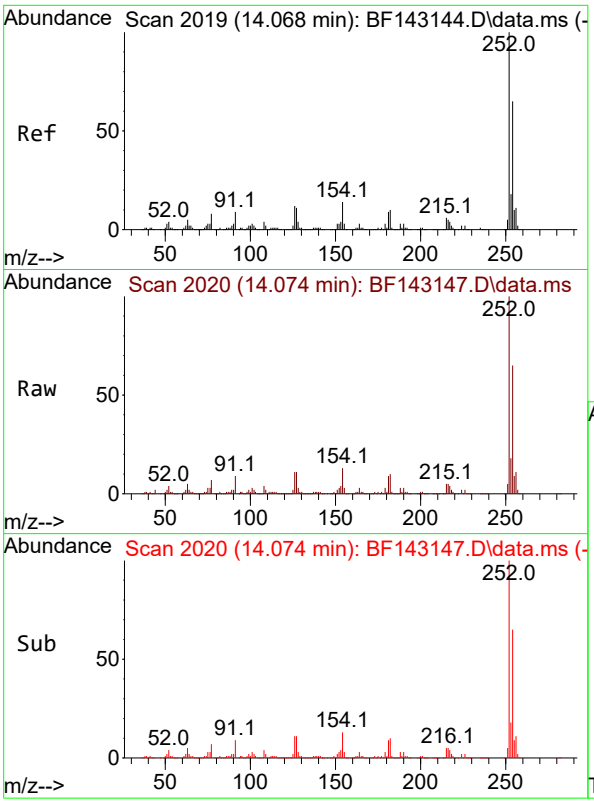


#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1212056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.8	23.6

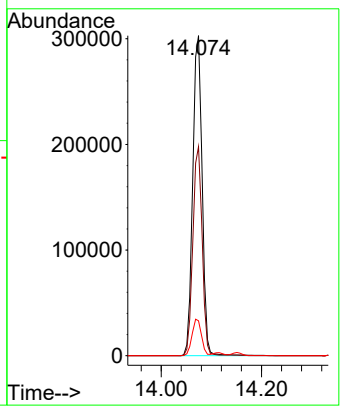




#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 39344

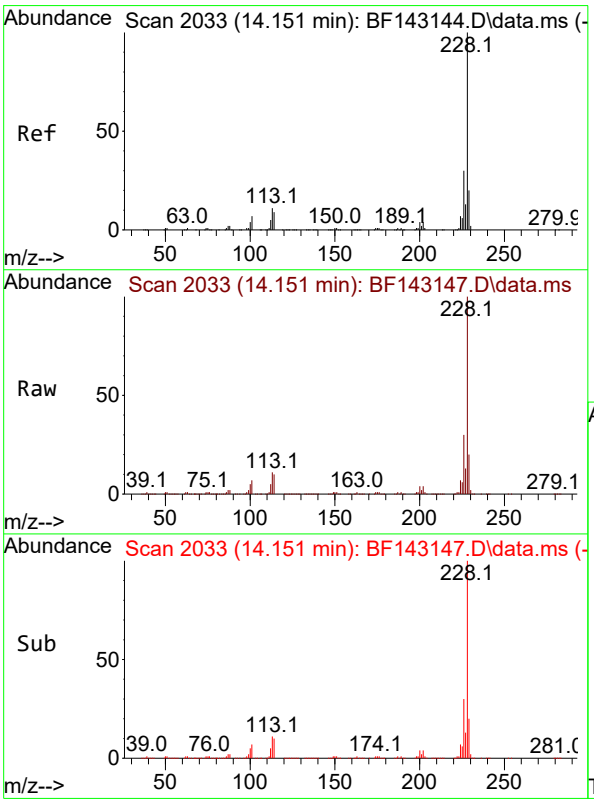
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	10.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

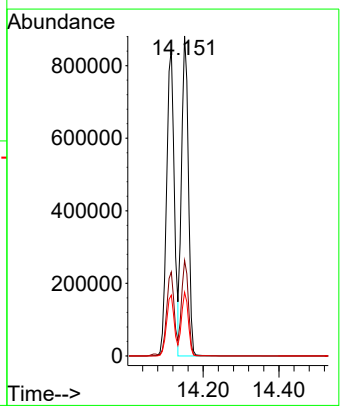
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

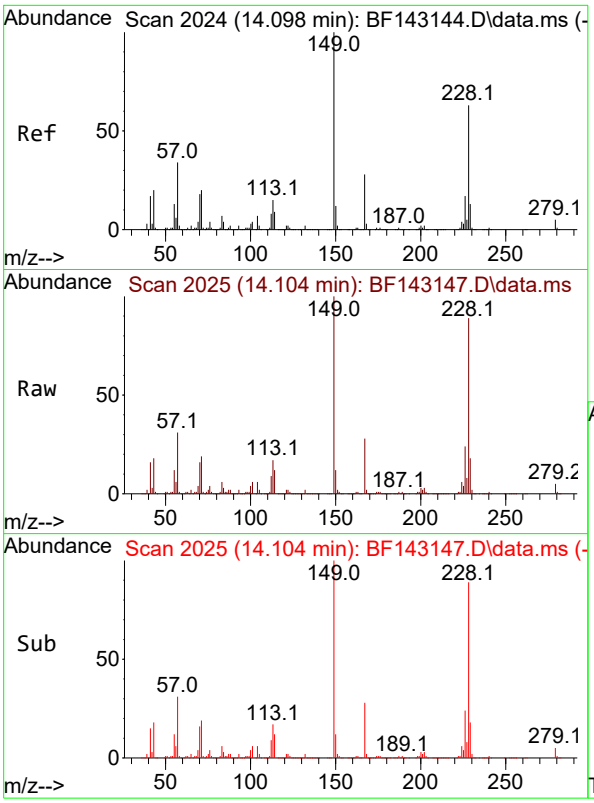


#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1105636

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

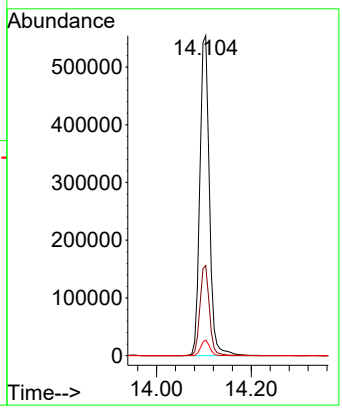
Tgt Ion:149 Resp: 77436

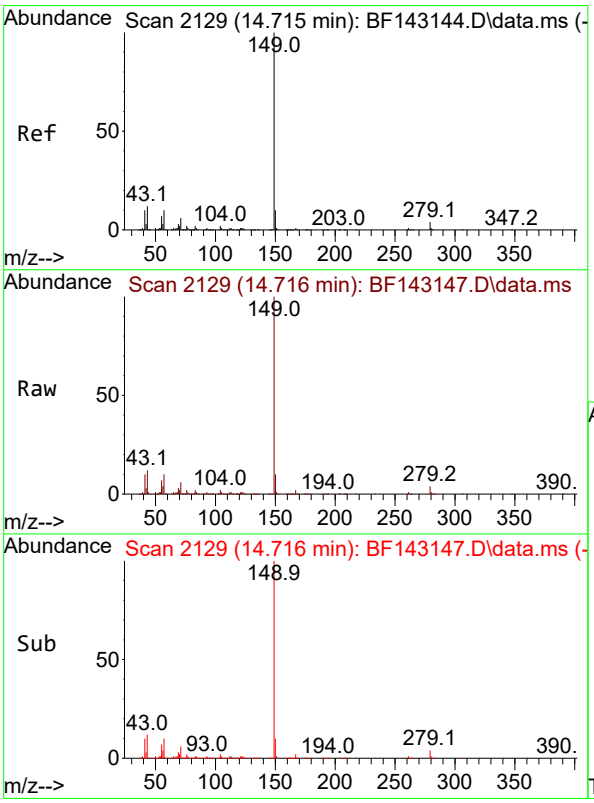
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.6	5.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

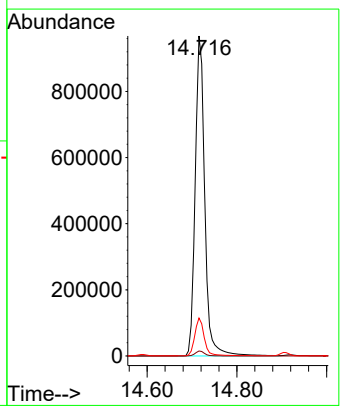


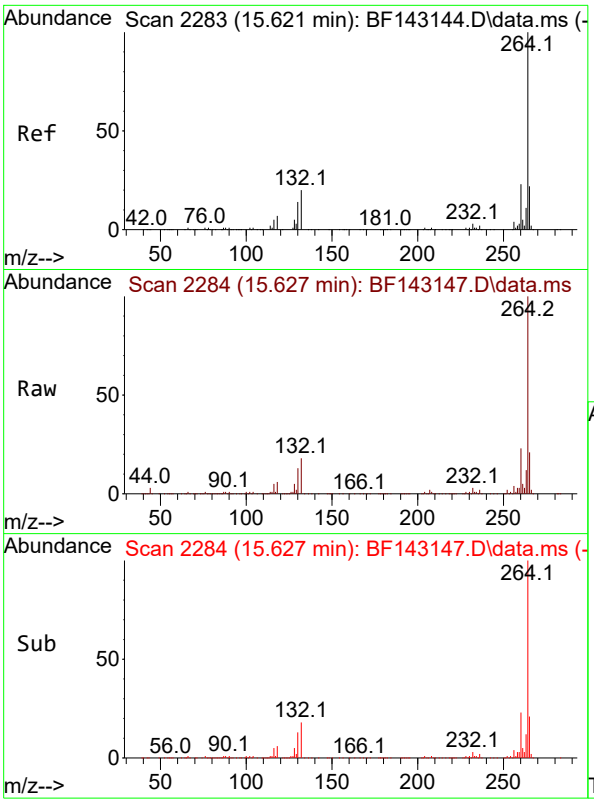


#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1434055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

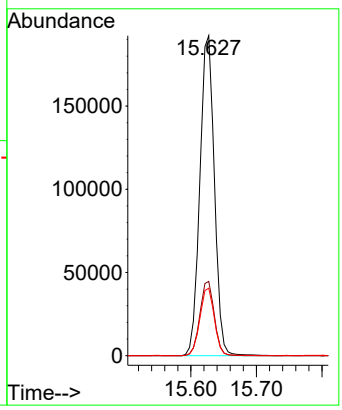




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 29668

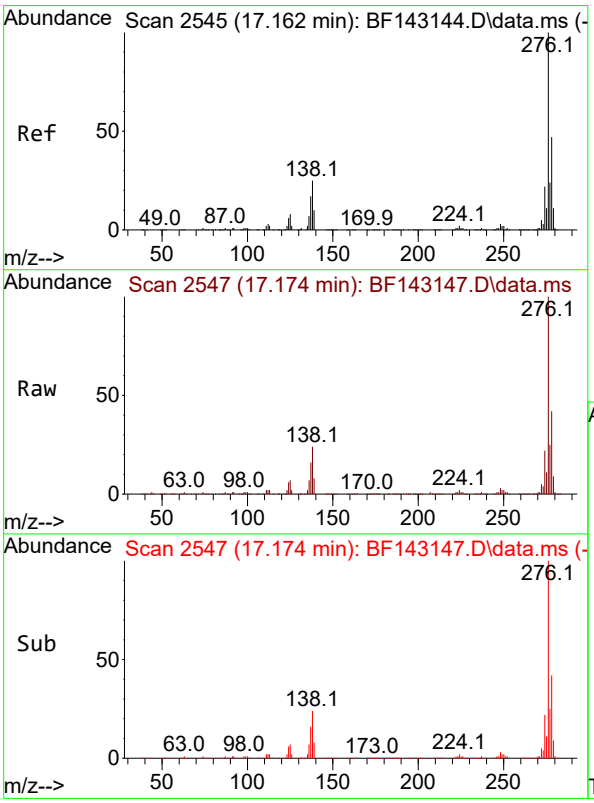
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.1	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

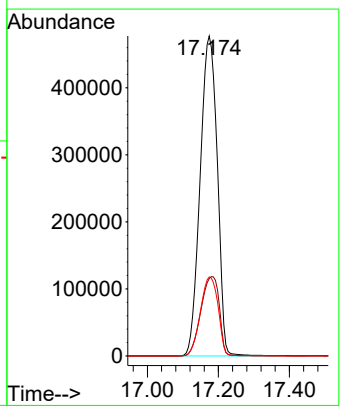
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

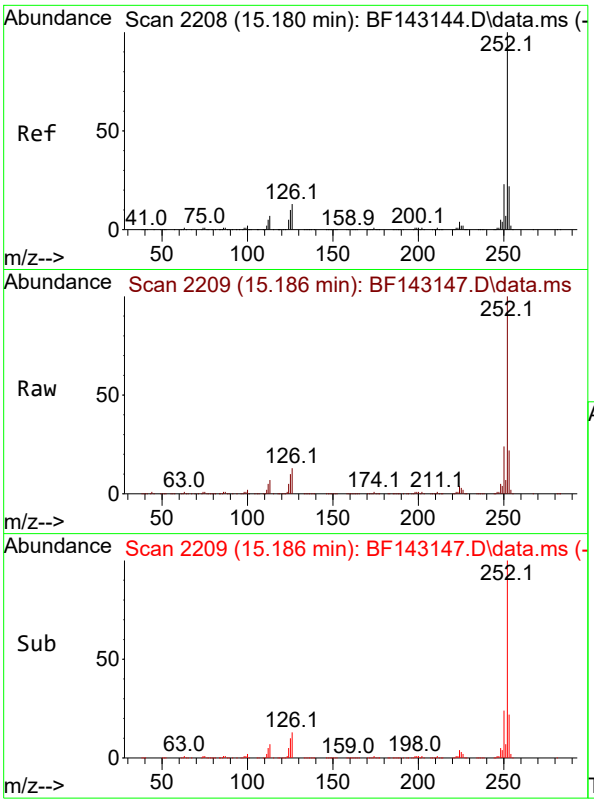


#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1604969

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.5	20.0	30.0

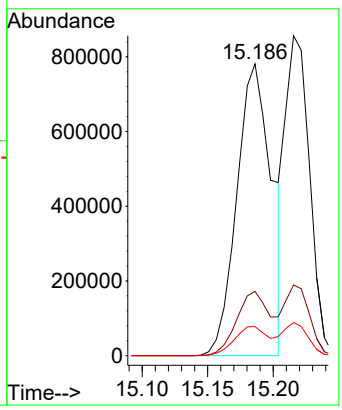




#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 143851

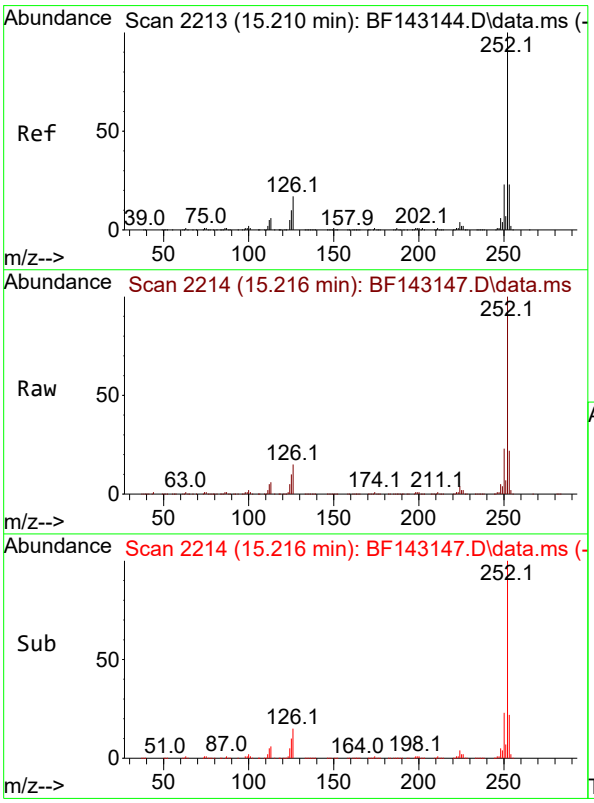
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

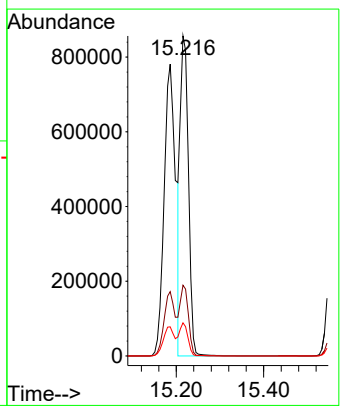
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

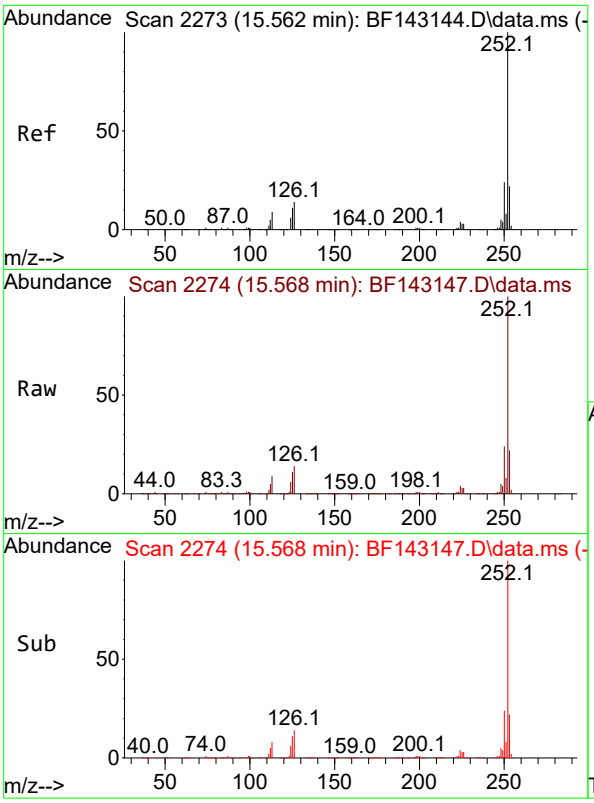


#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1111726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.1	12.1

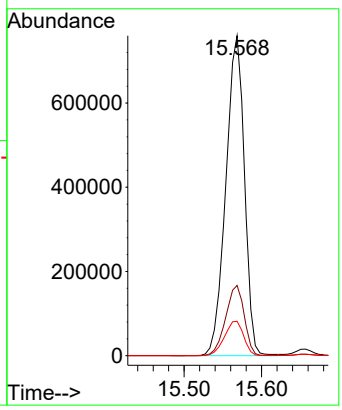




#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 126925

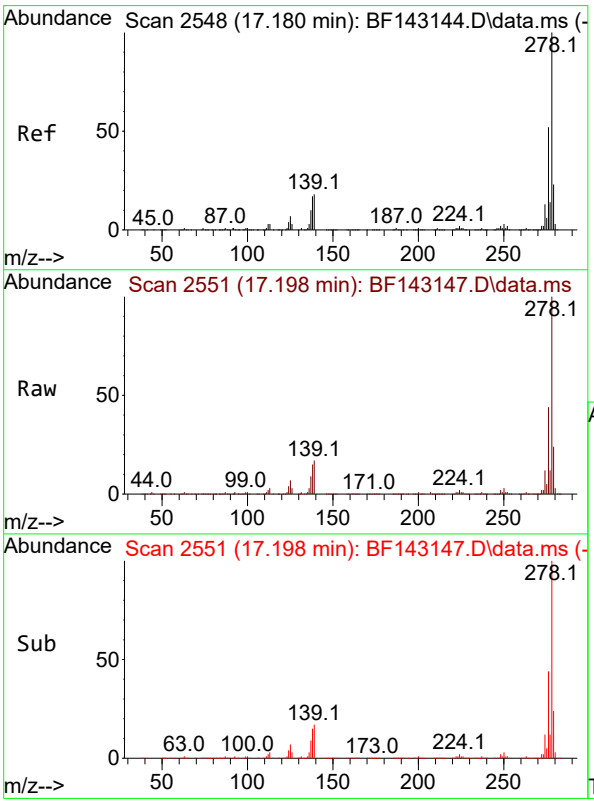
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.8	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

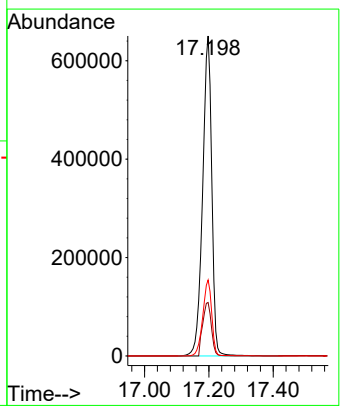
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

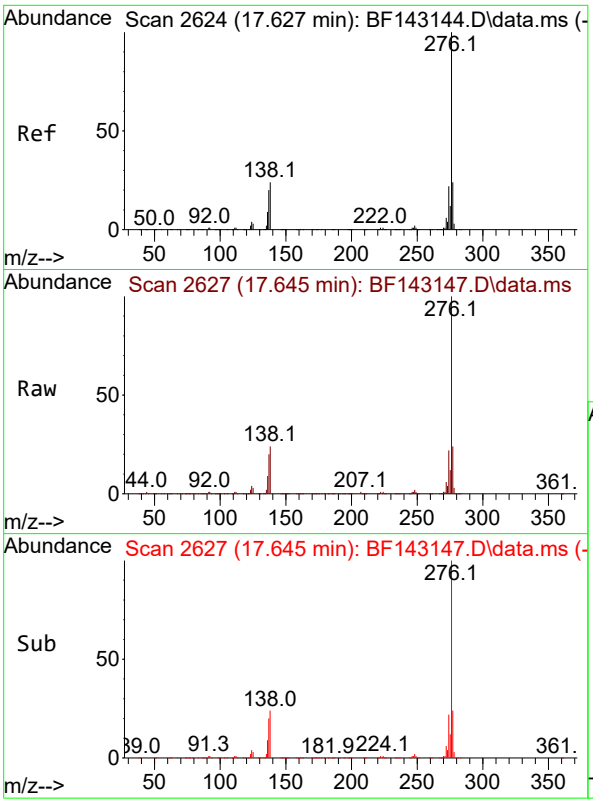


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:278 Resp: 1289789

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.1	21.1
279	23.8	18.6	28.0

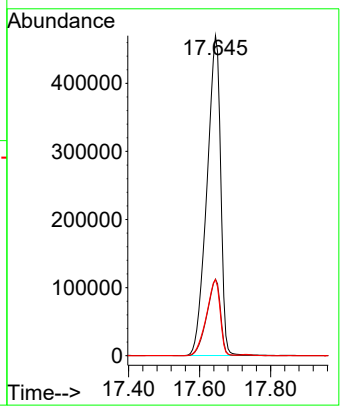




#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 126577

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	23.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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

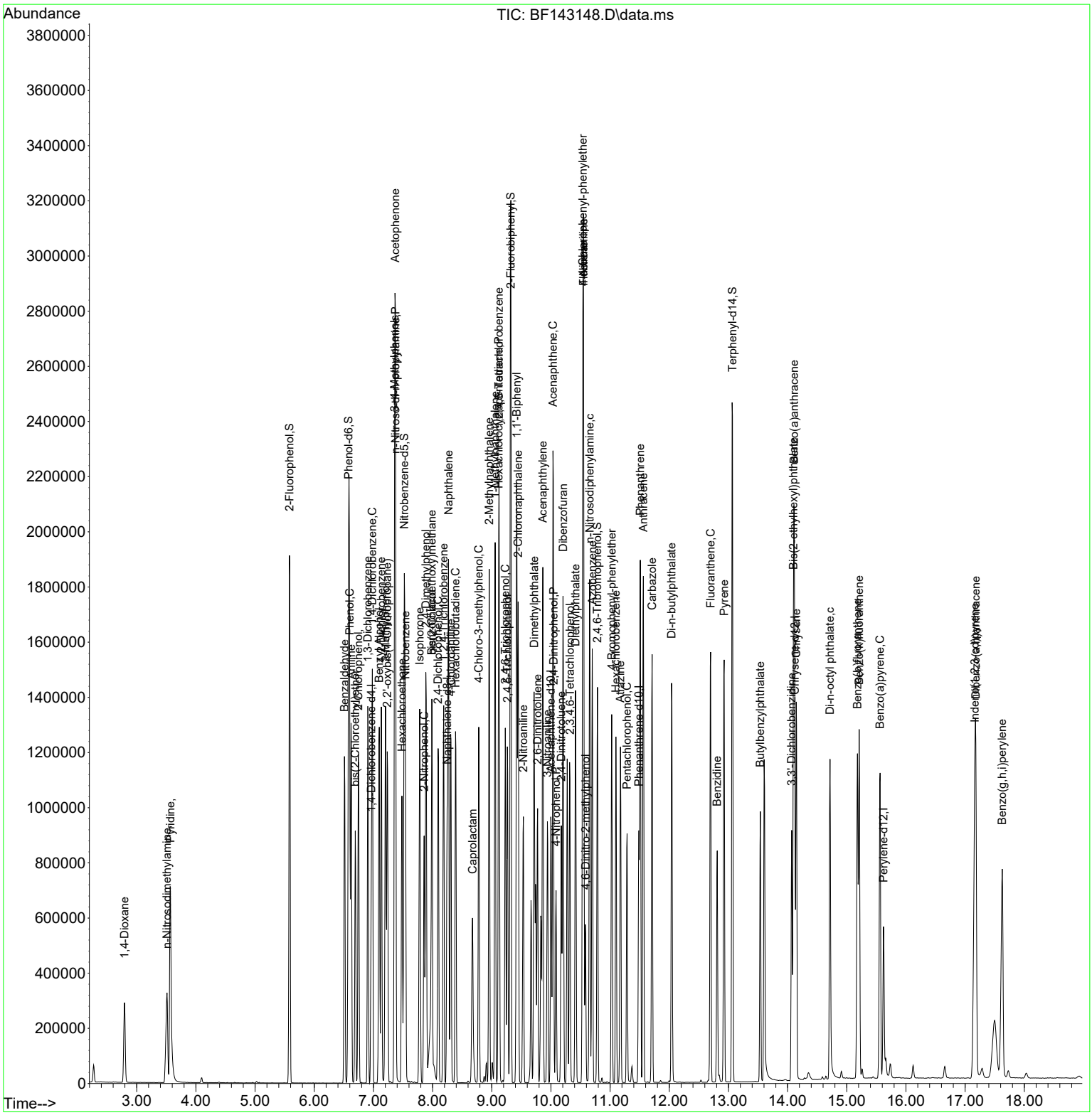
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Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

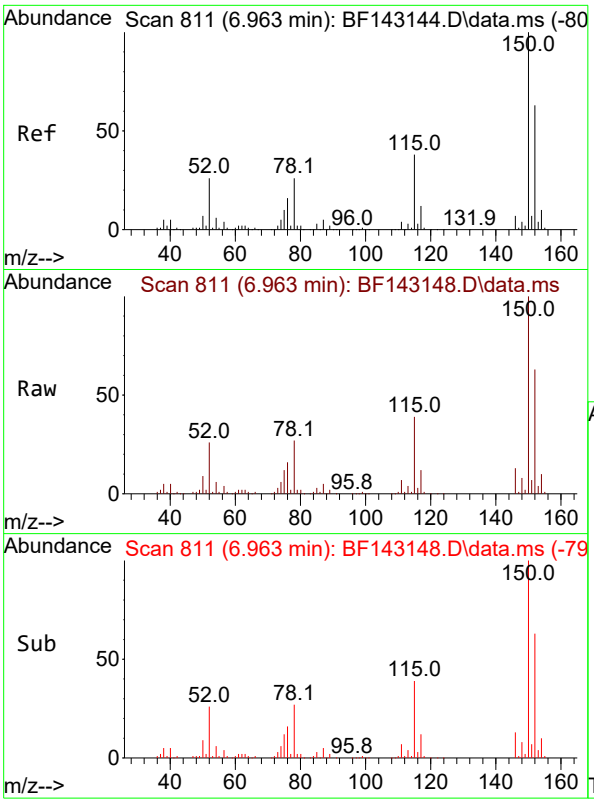
Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

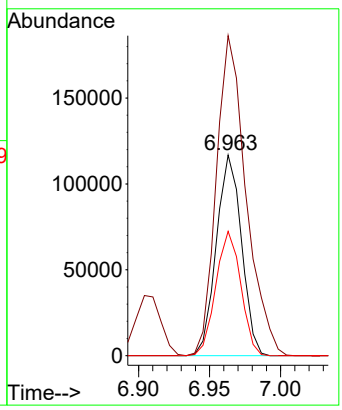




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 14386

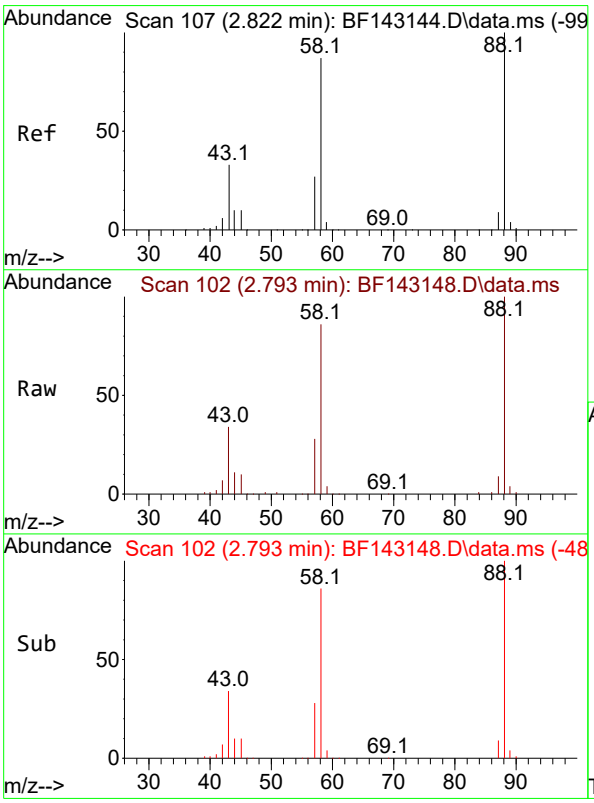
Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	62.0	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

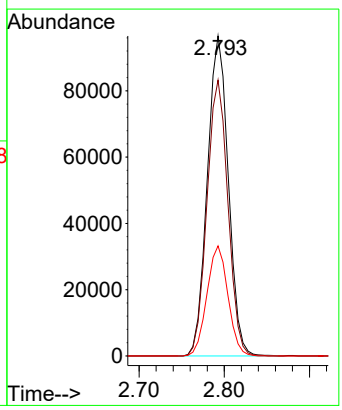
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

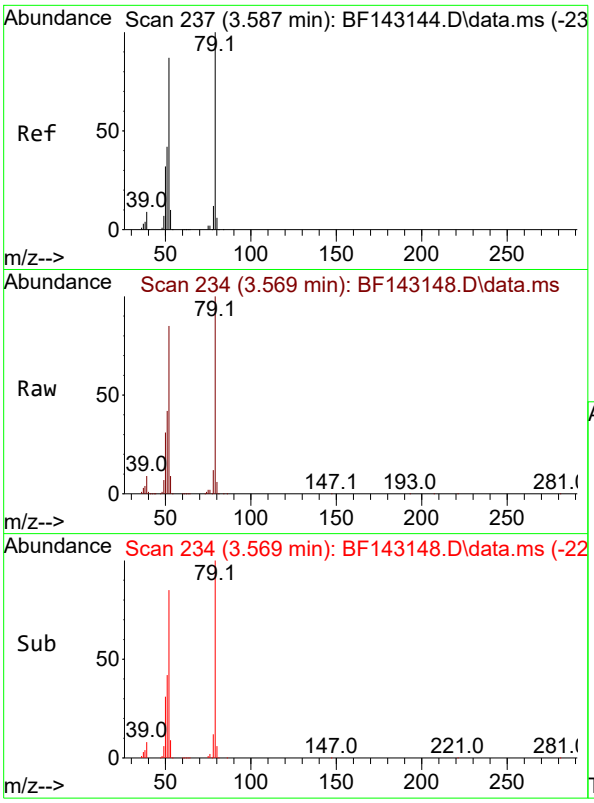


#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.2	105.2
43	34.4	27.1	40.7

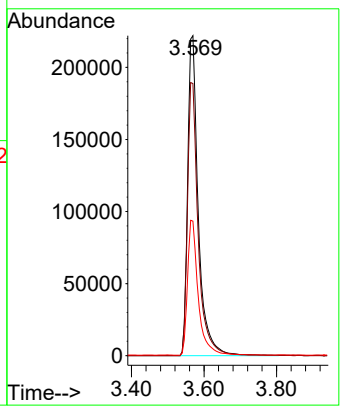




#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 45336

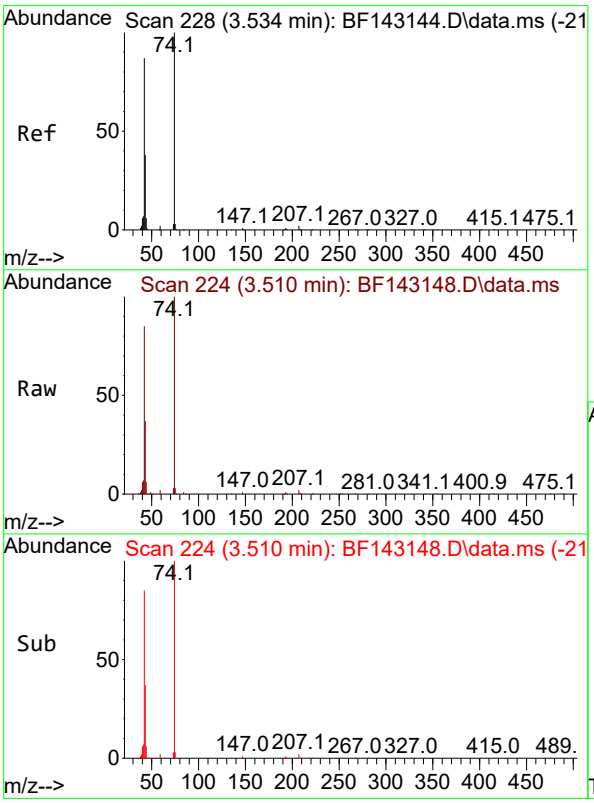
Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

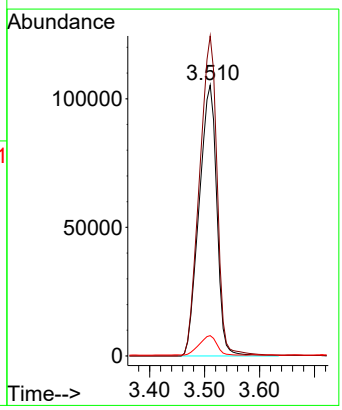
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

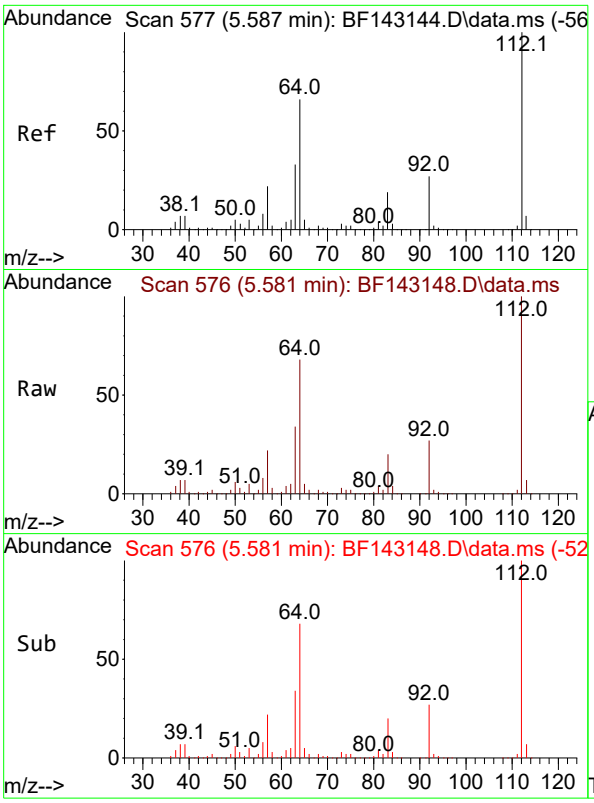


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.7	137.5
44	7.5	5.6	8.4

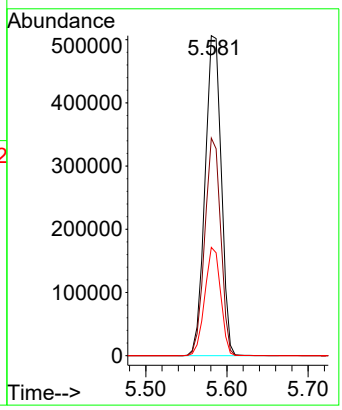




#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:112 Resp: 70133

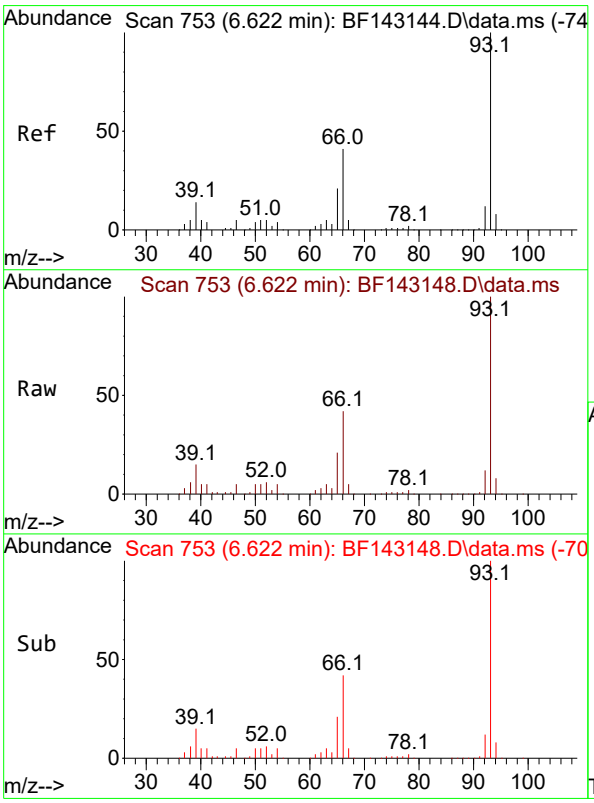
Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

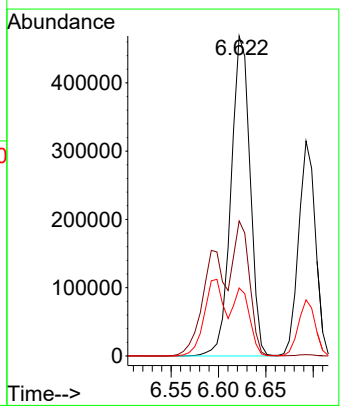
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

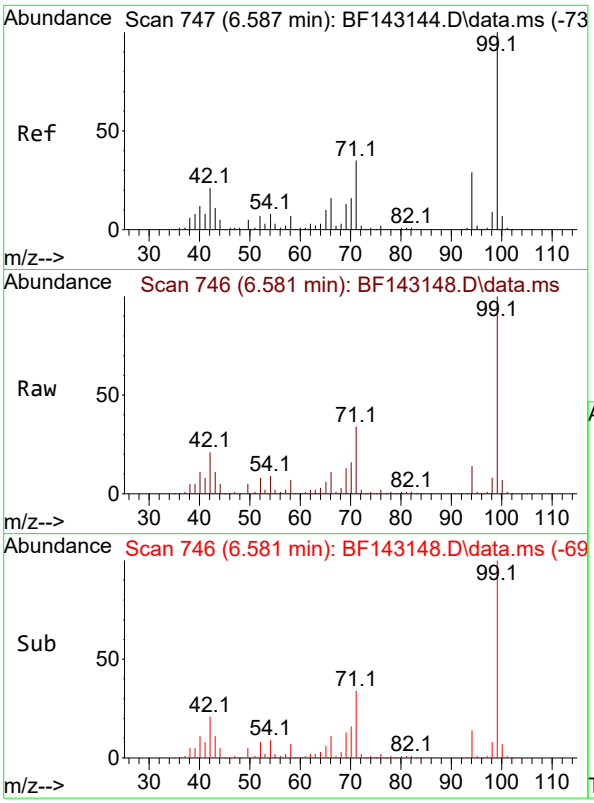


#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3

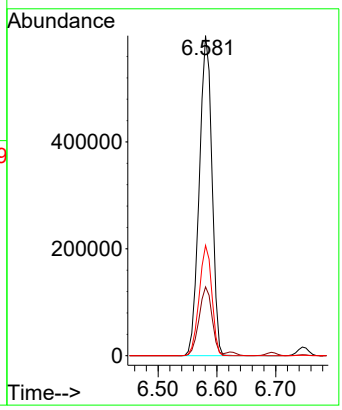




#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 99 Resp: 89408

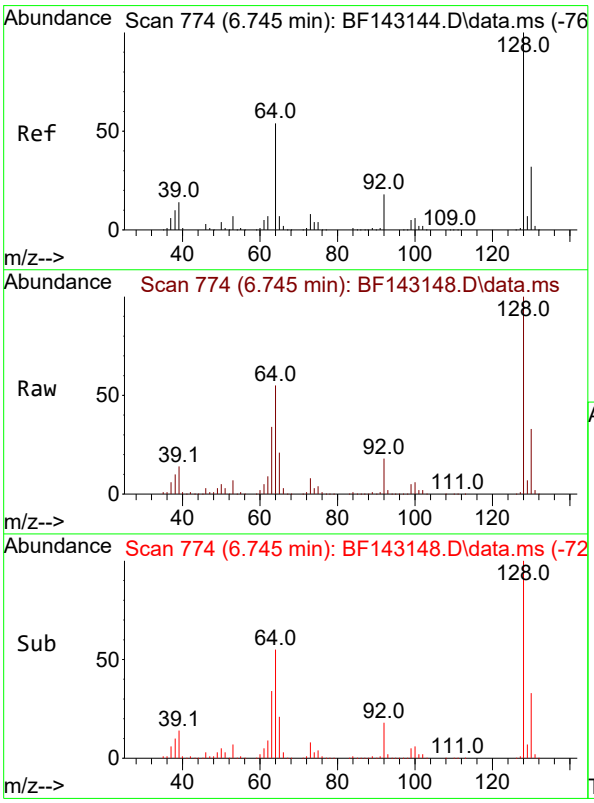
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	34.5	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

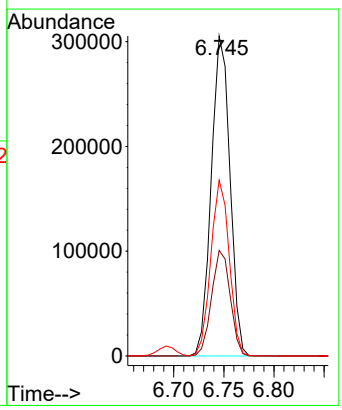
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

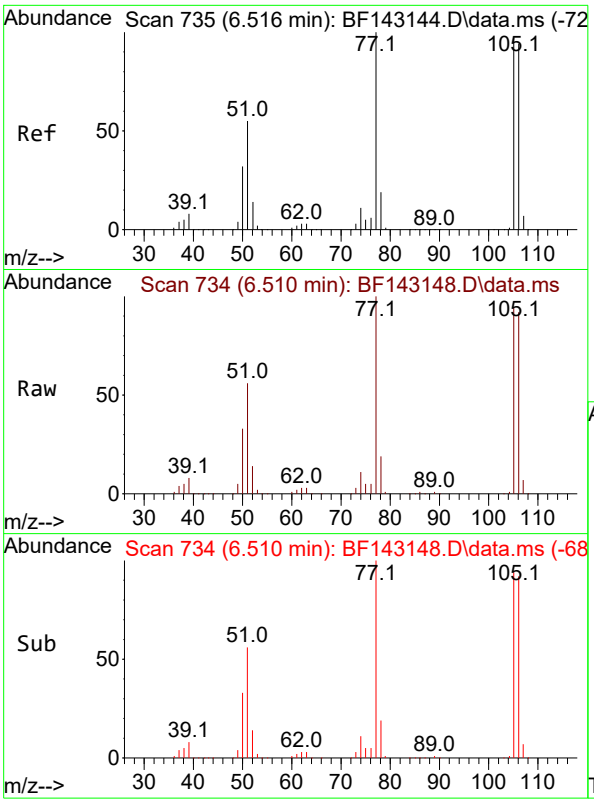


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.9	35.9	75.9

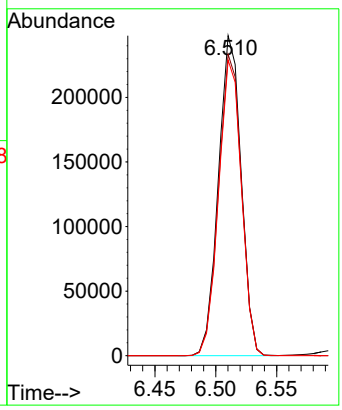




#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 32126

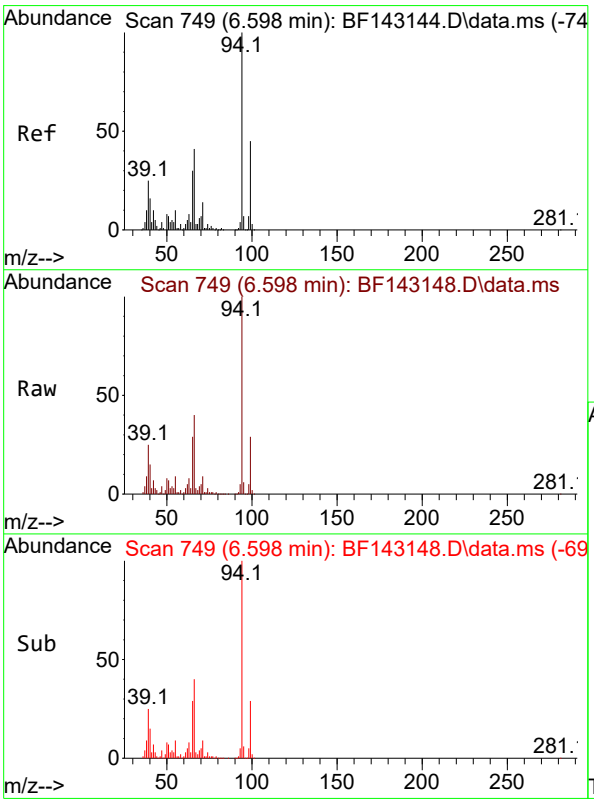
Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.8	116.8
106	92.4	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

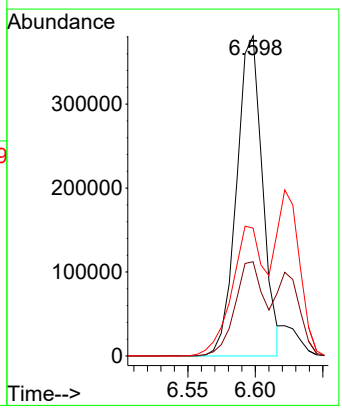
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

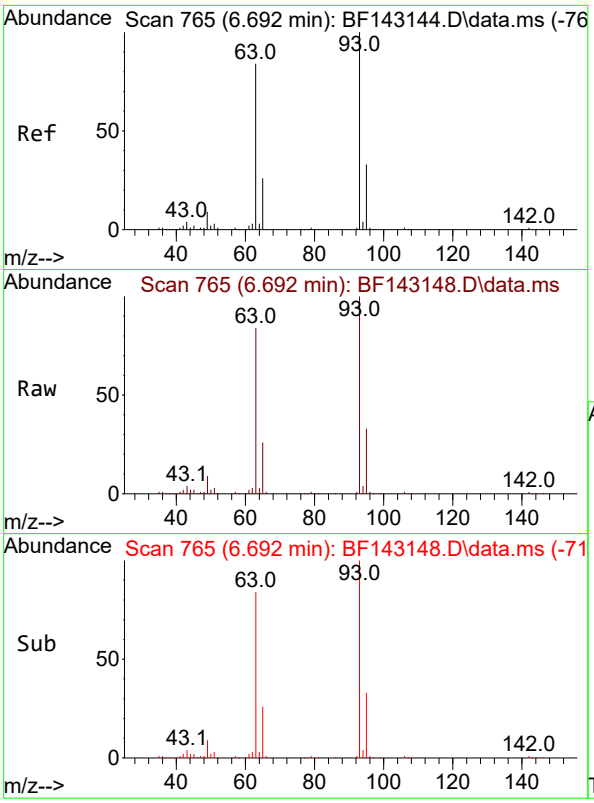


#10
Phenol
Concen: 40.827 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 508952

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	40.0	20.8	60.8

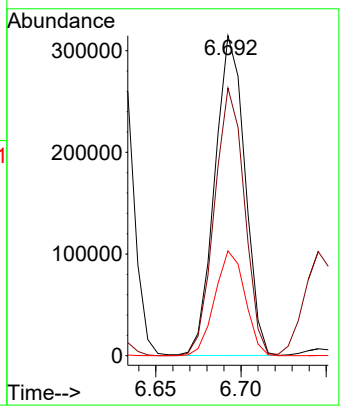




#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 38779

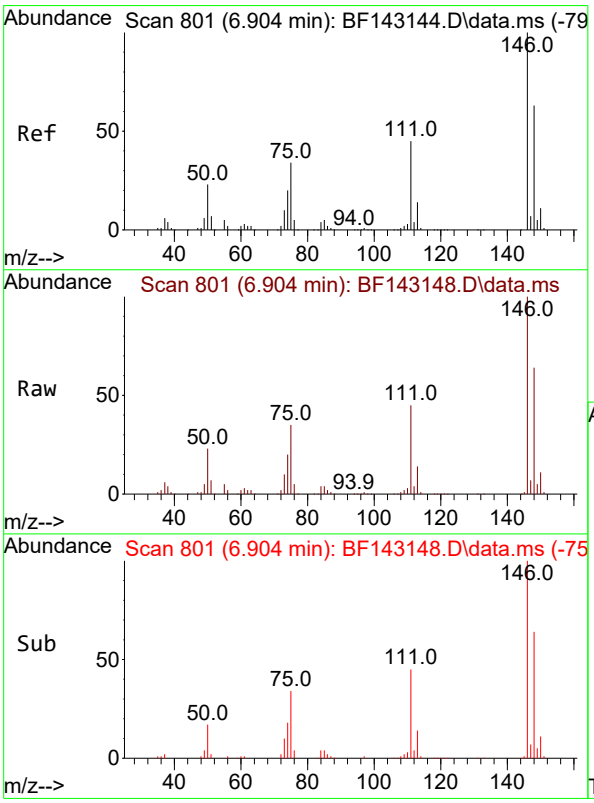
Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.7	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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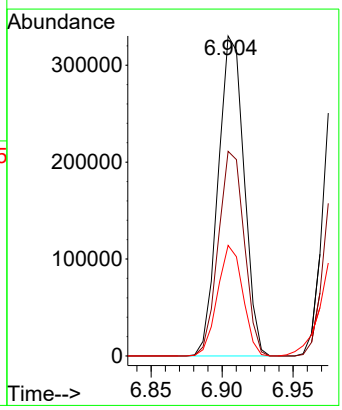
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

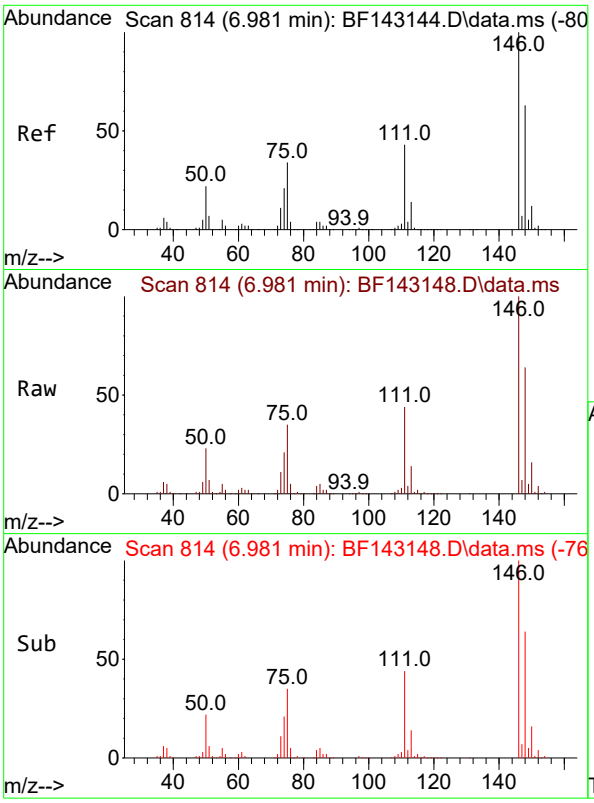


#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	34.6	27.4	41.2

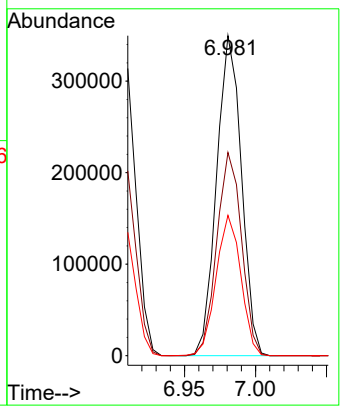




#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 42462

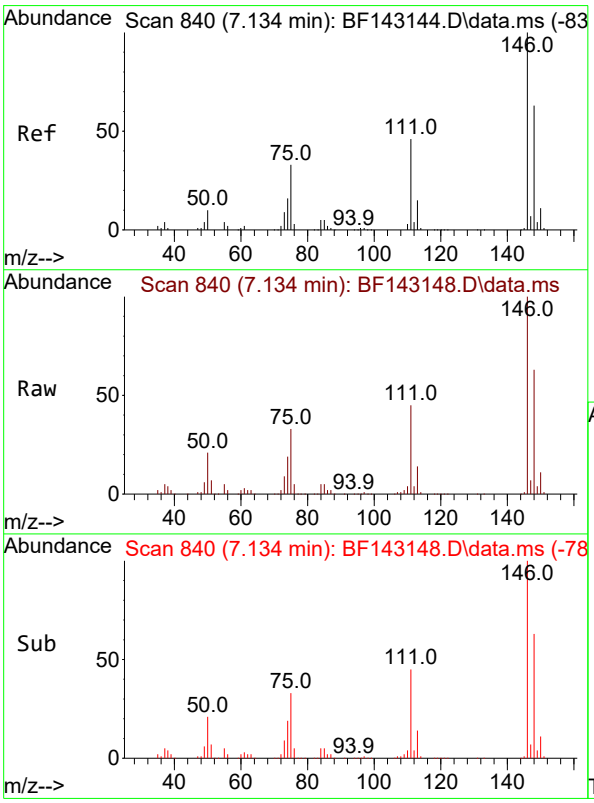
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

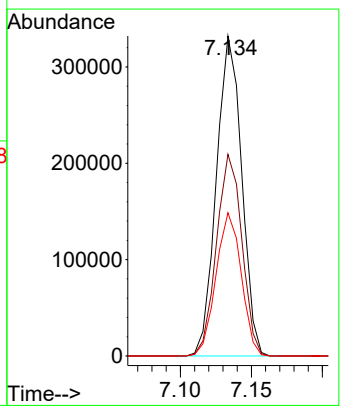
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

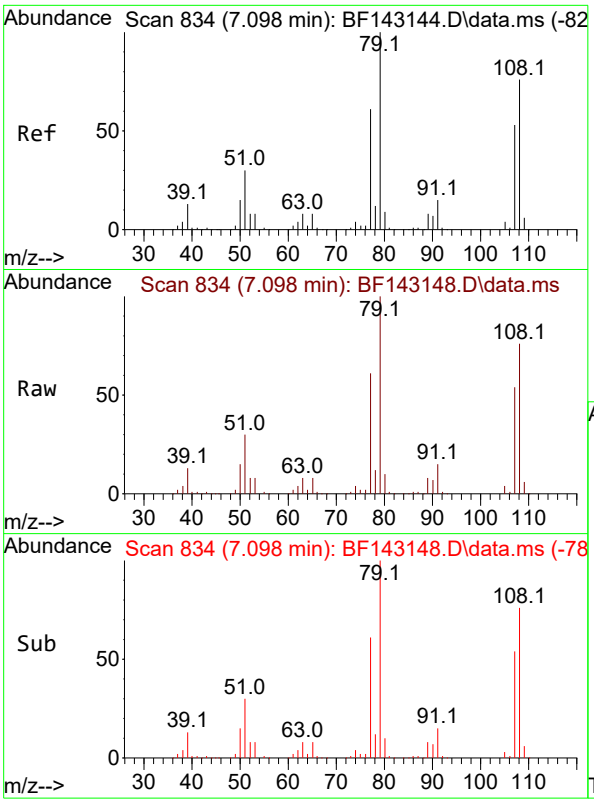


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.8	36.6	54.8

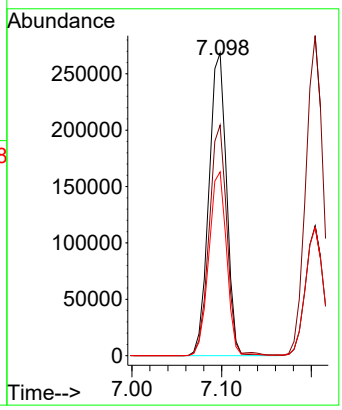




#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 36660

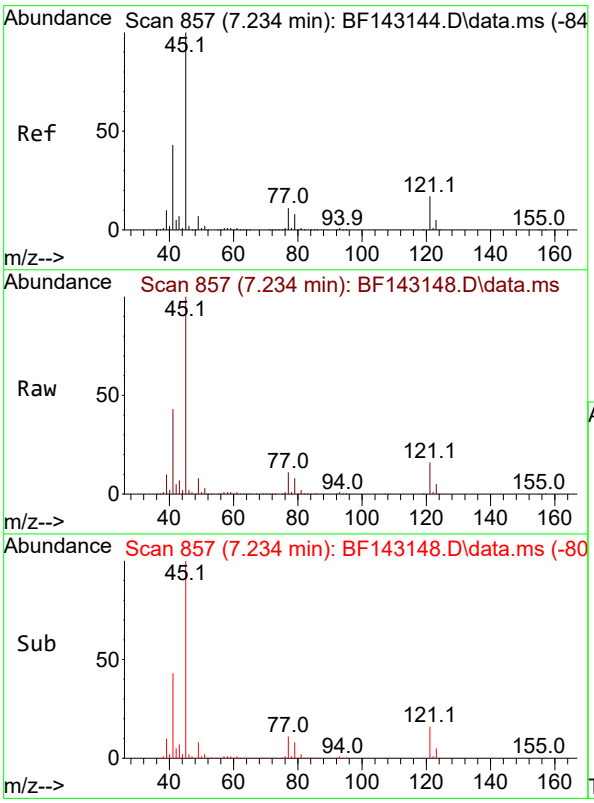
Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	60.8	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

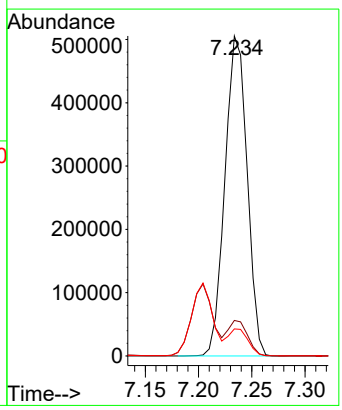
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

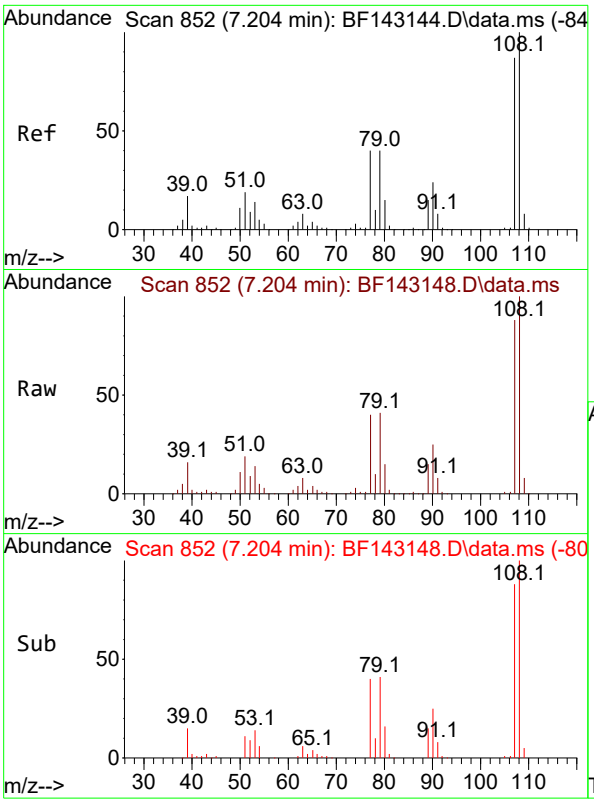


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.5	0.0	28.5

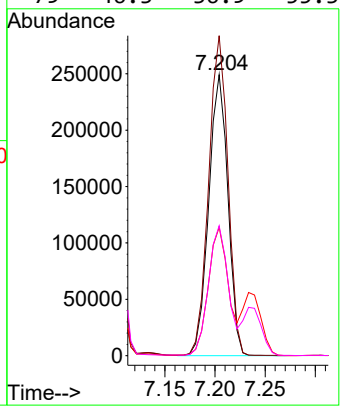




#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 33170

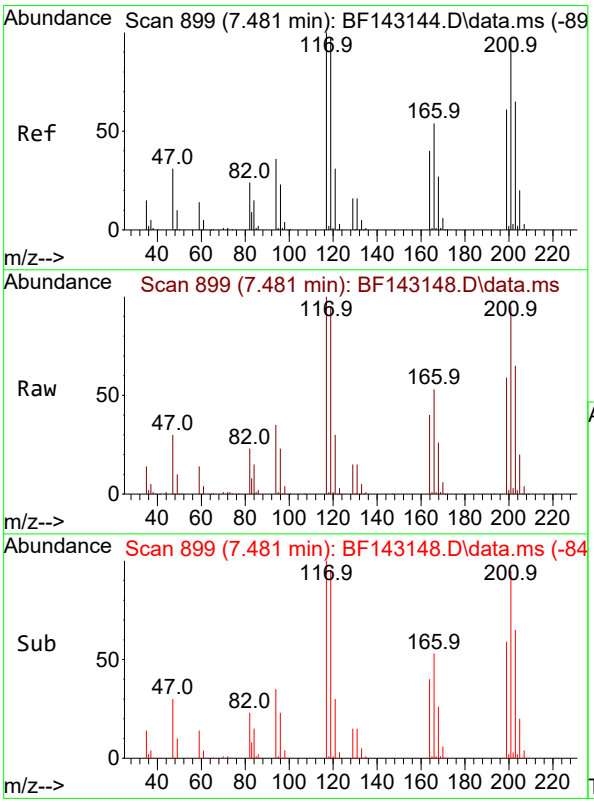
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	45.7	37.0	55.6
79	46.3	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

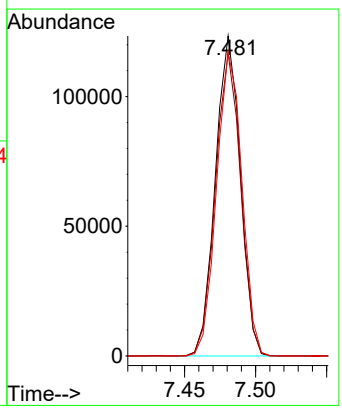
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

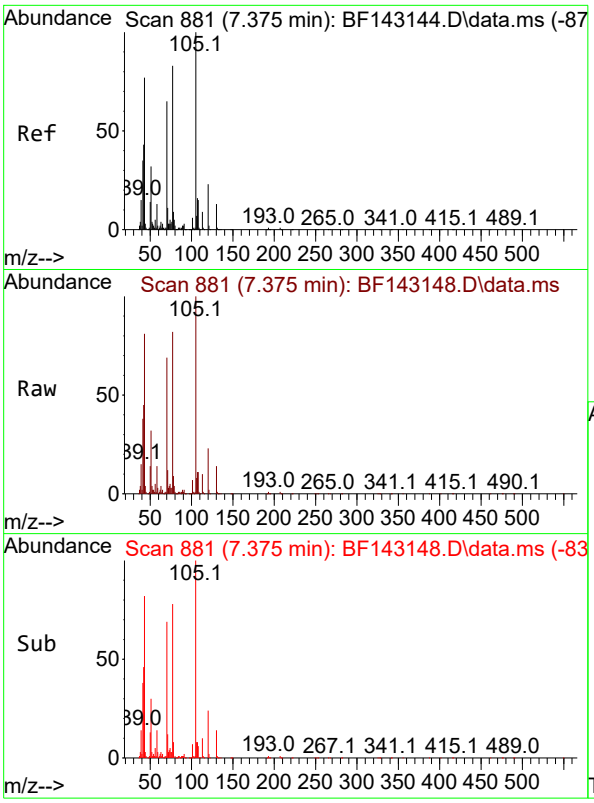


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	95.2	77.0	115.4

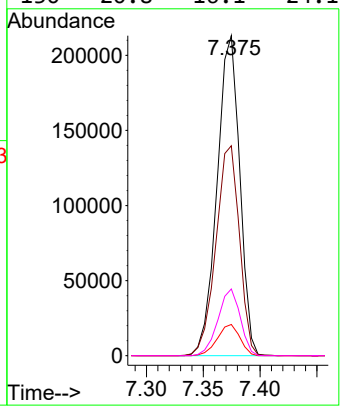




#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 70 Resp: 29617

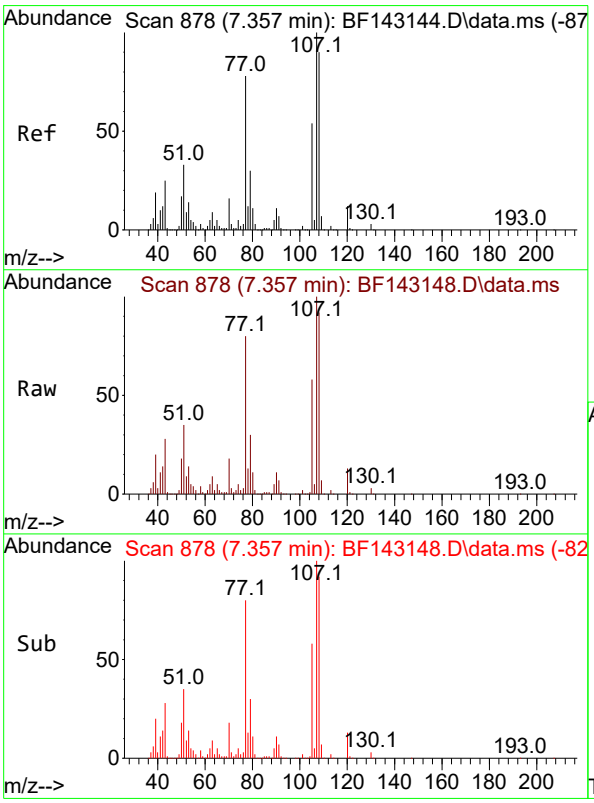
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.8	7.6	11.4
130	20.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

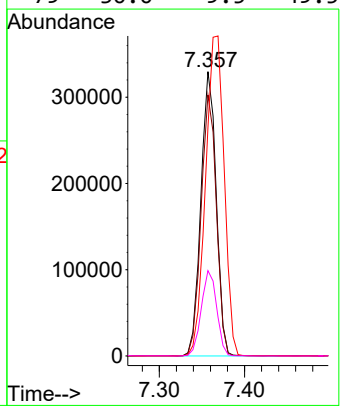
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

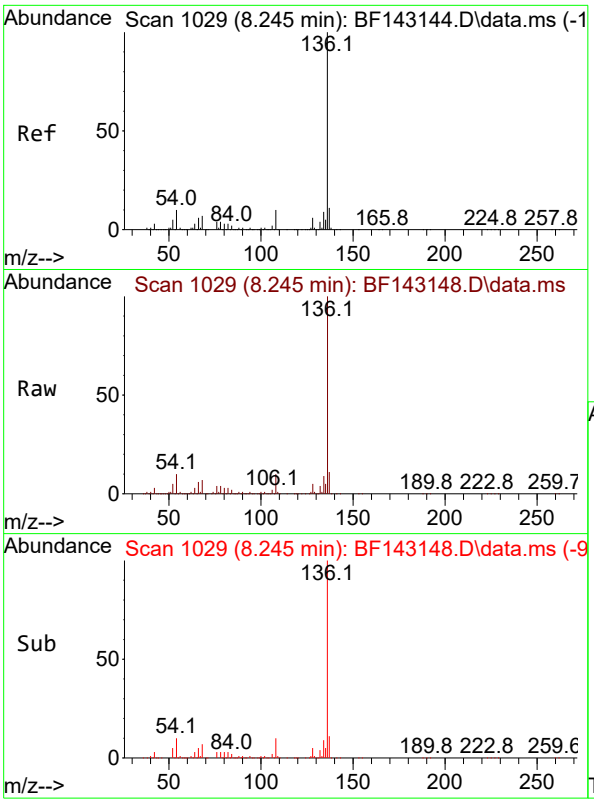


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	80.5	57.8	97.8
79	30.0	9.5	49.5

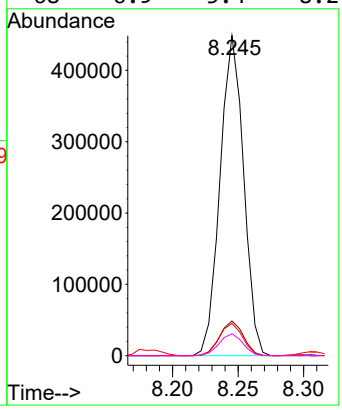




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:136 Resp: 55967

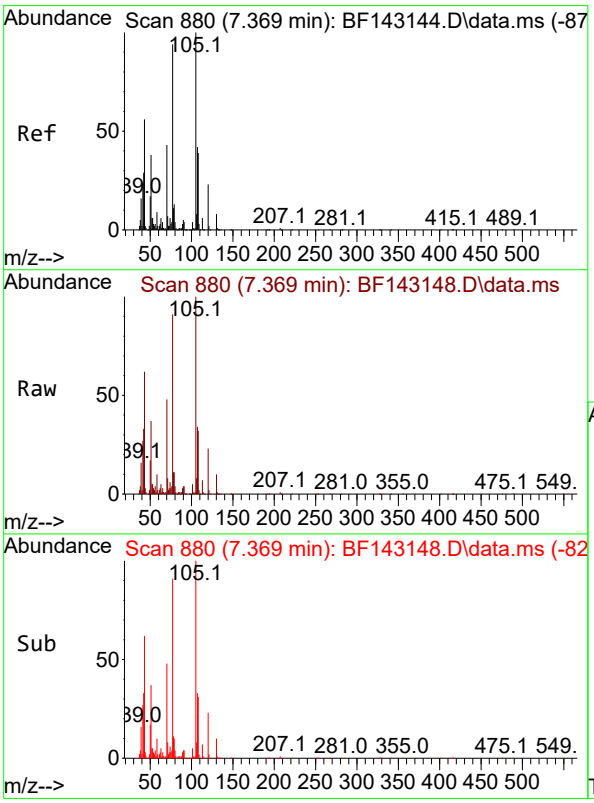
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

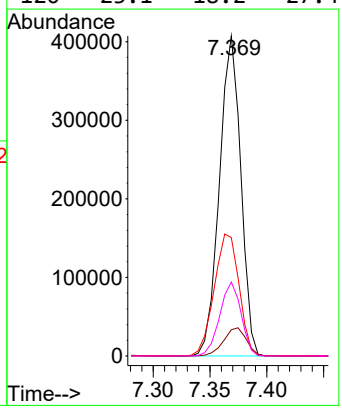
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

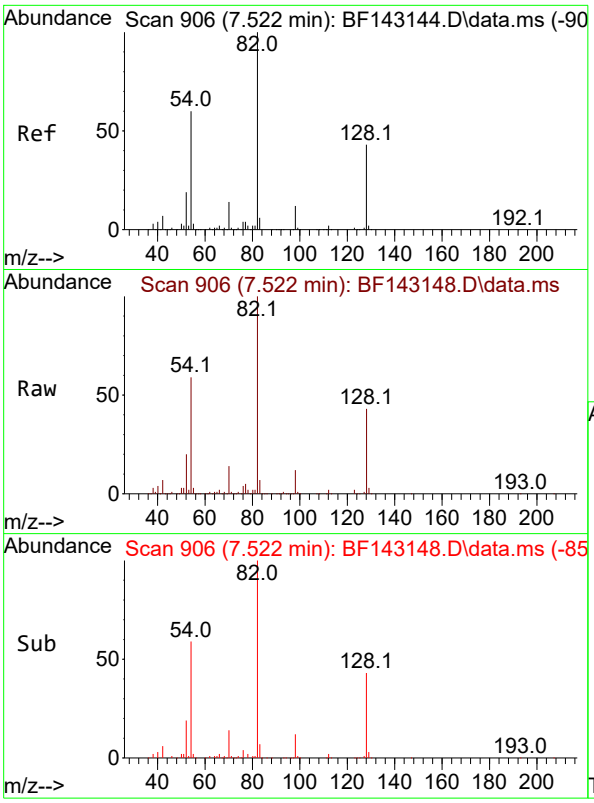


#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	37.0	30.2	45.2
120	23.1	18.2	27.4

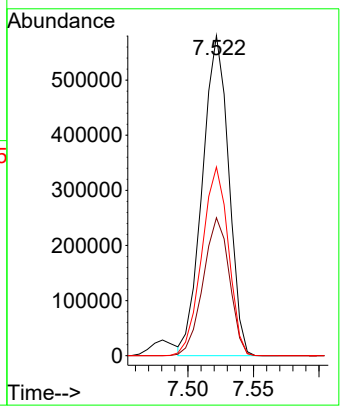




#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 81117

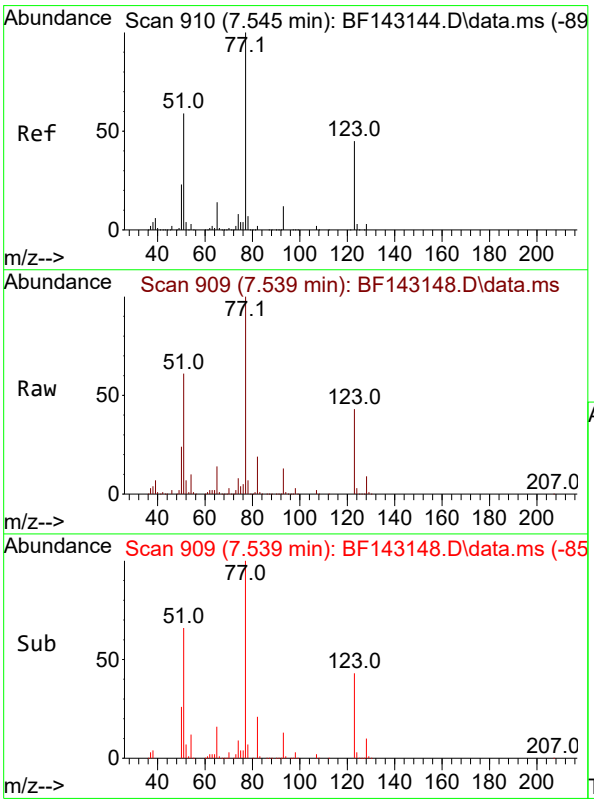
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

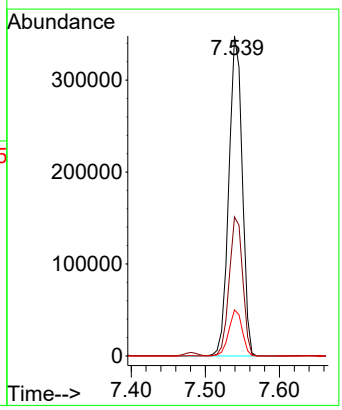
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

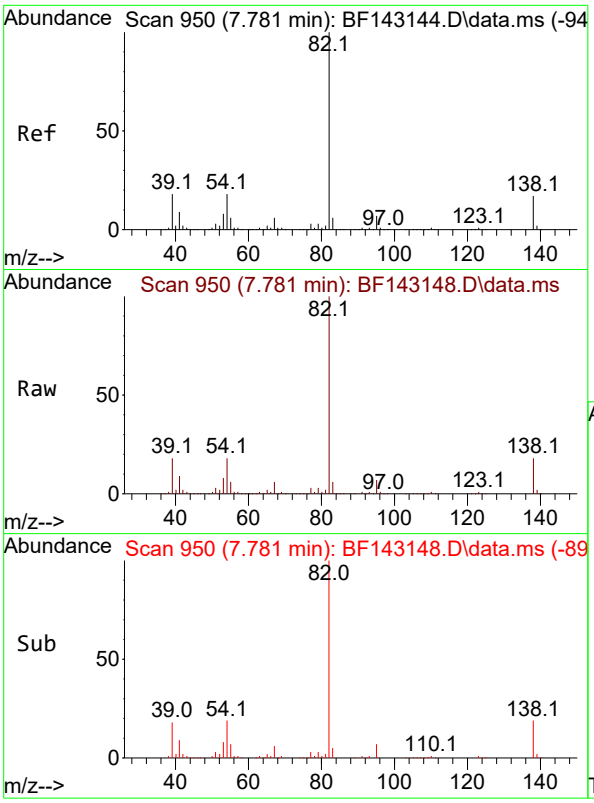


#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.4	11.4	17.2

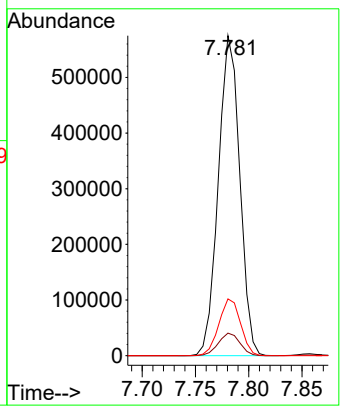




#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 80407

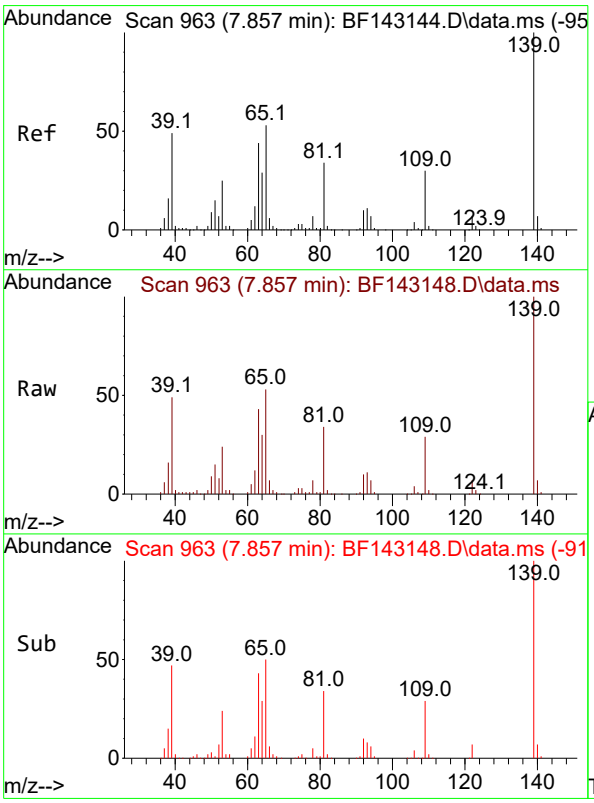
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

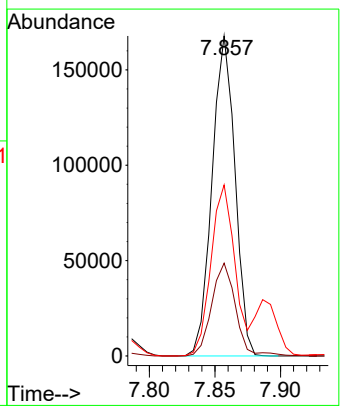
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

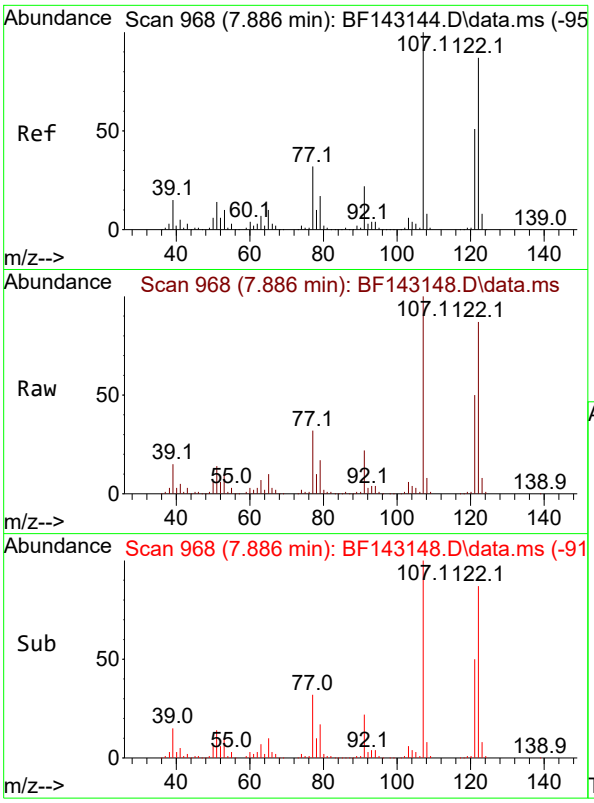


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0

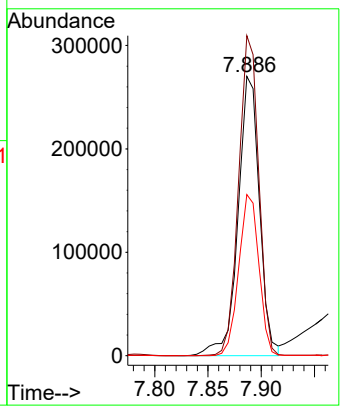




#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 37757

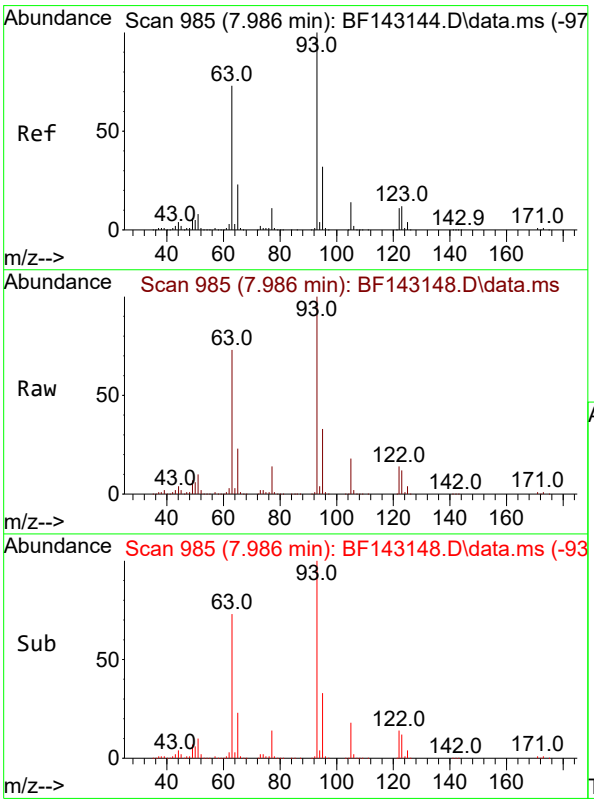
Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	57.7	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

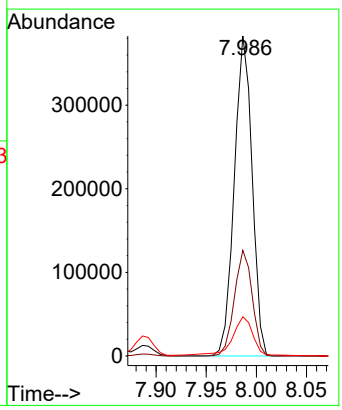
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

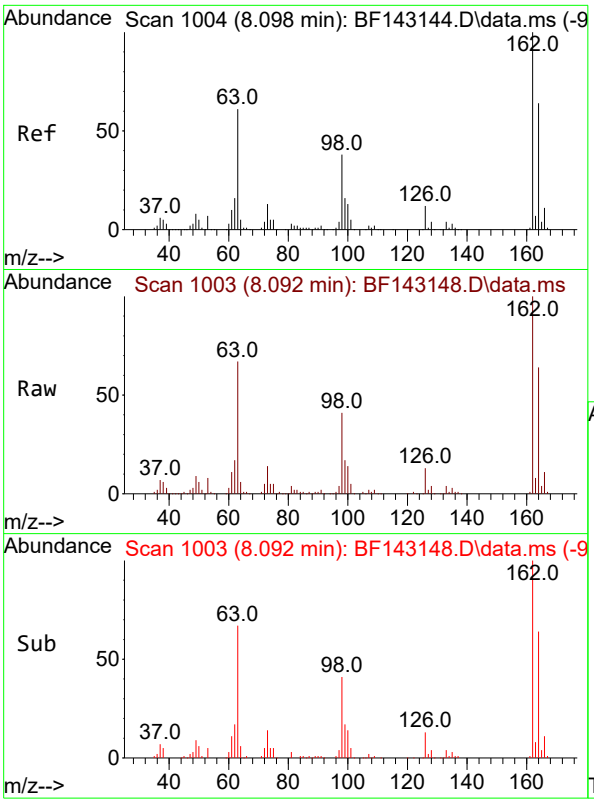


#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.2	9.7	14.5

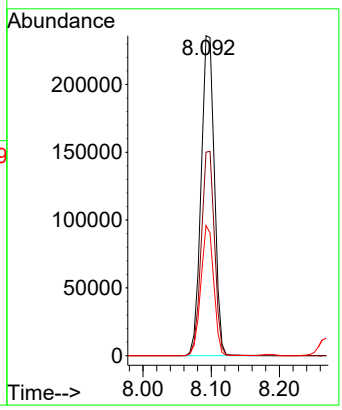




#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 31921

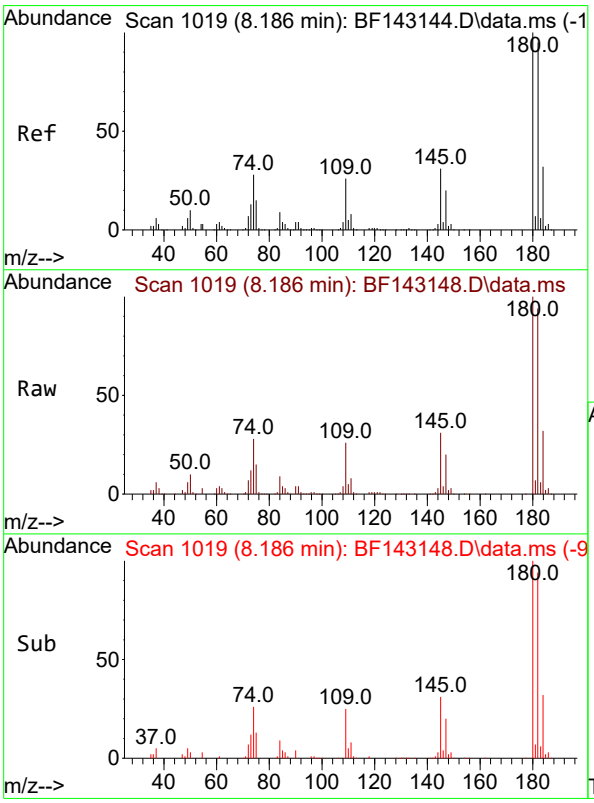
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.7	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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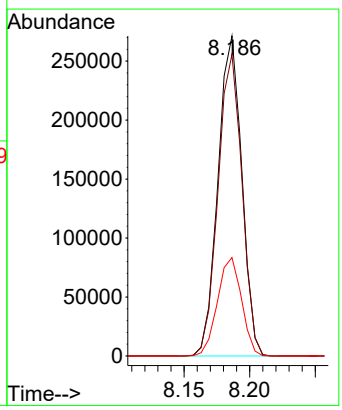
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

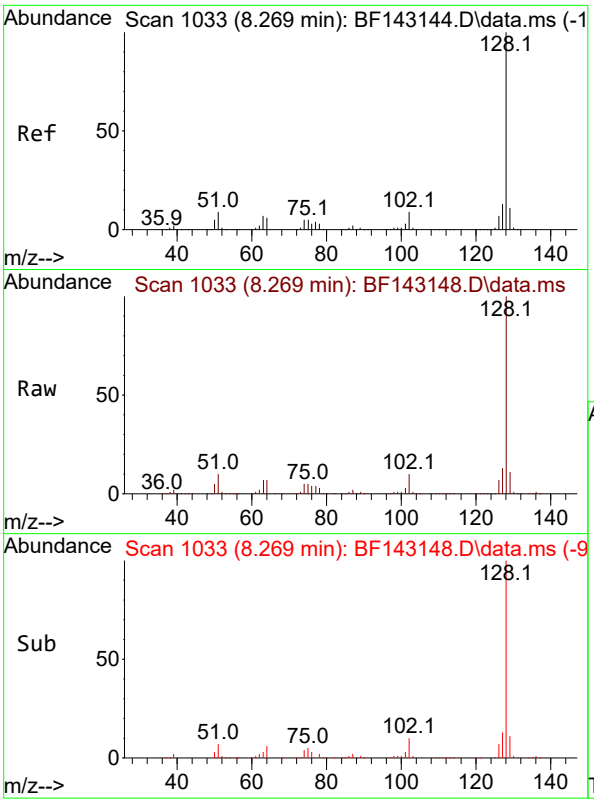


#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	30.8	25.0	37.6

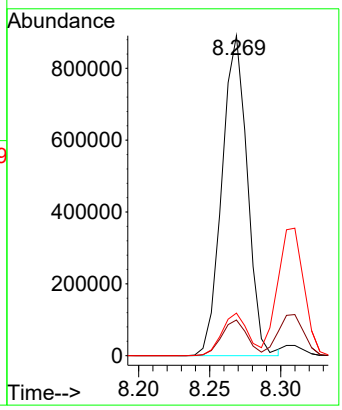




#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 110648

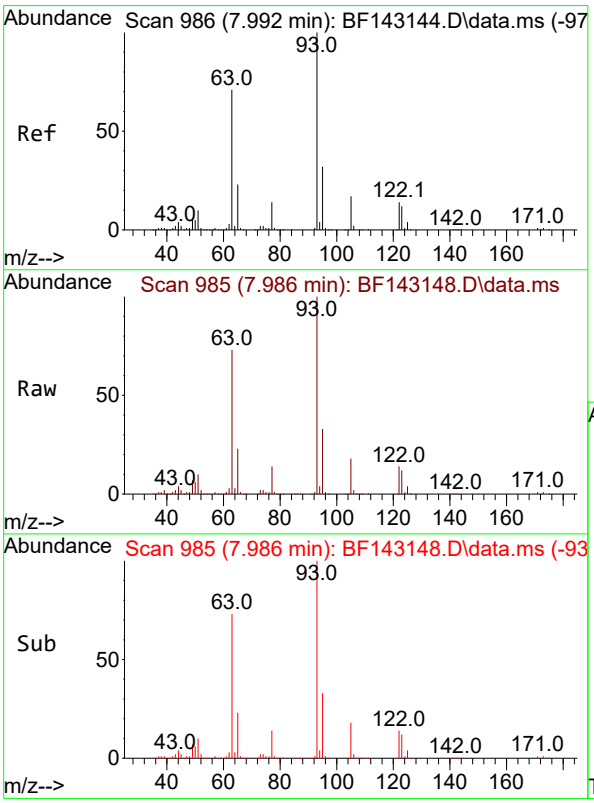
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

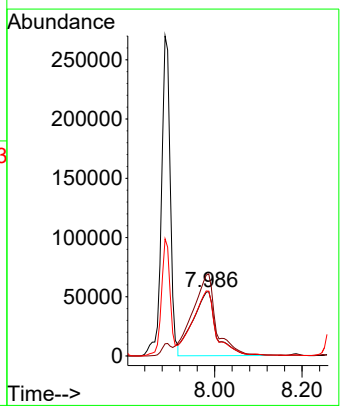
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

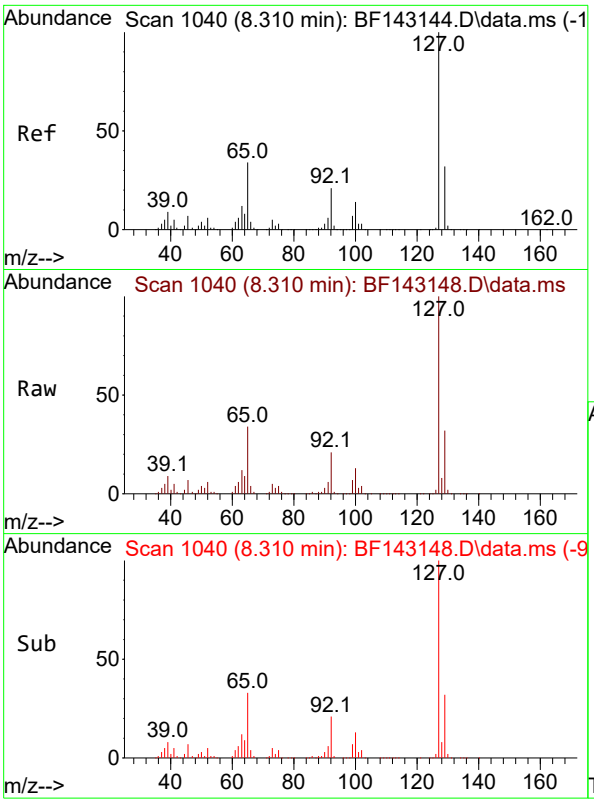


#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	100.3	77.6	117.6

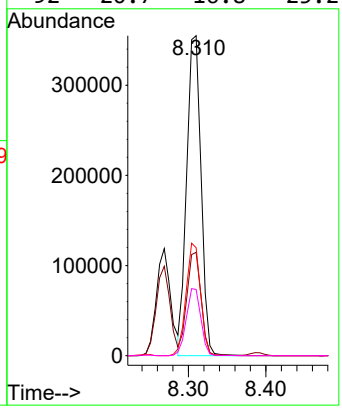




#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:127 Resp: 45774

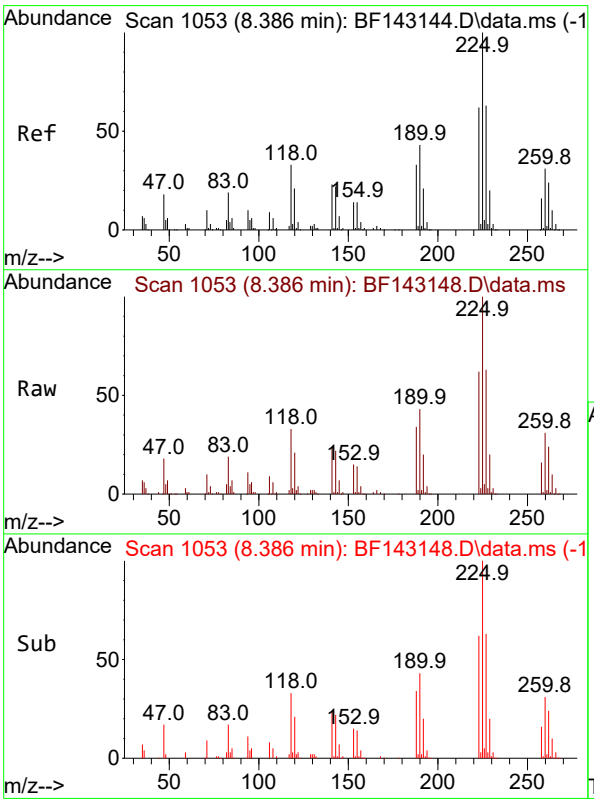
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

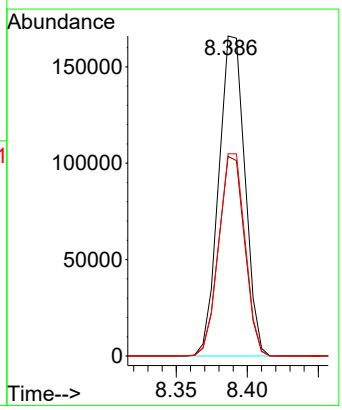
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

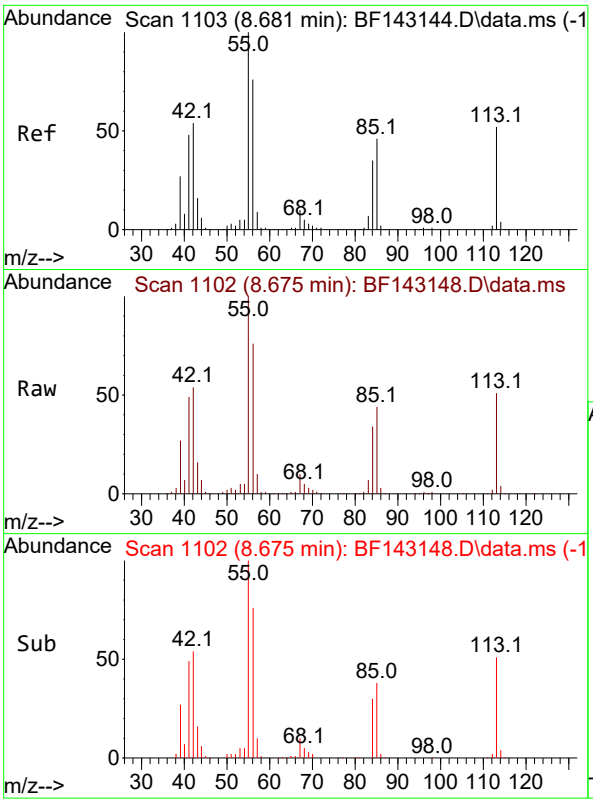


#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4

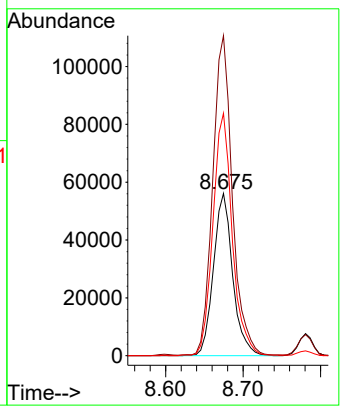




#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:113 Resp: 9666

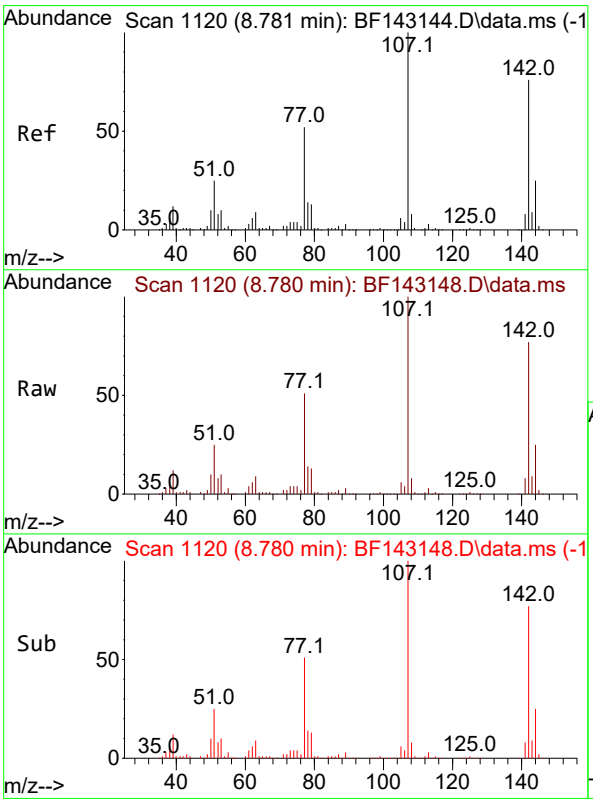
Ion	Ratio	Lower	Upper
113	100		
55	197.3	174.0	214.0
56	149.4	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

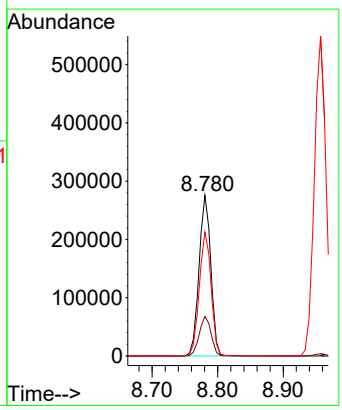
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

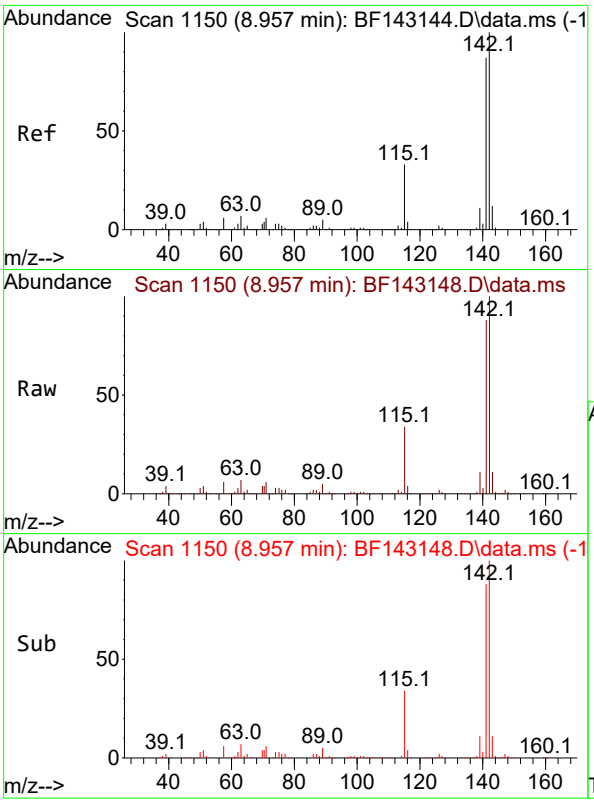


#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	77.3	60.6	90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

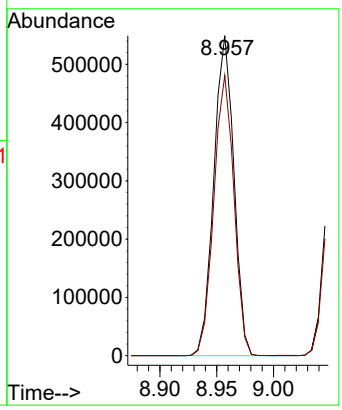
Tgt Ion:142 Resp: 67559

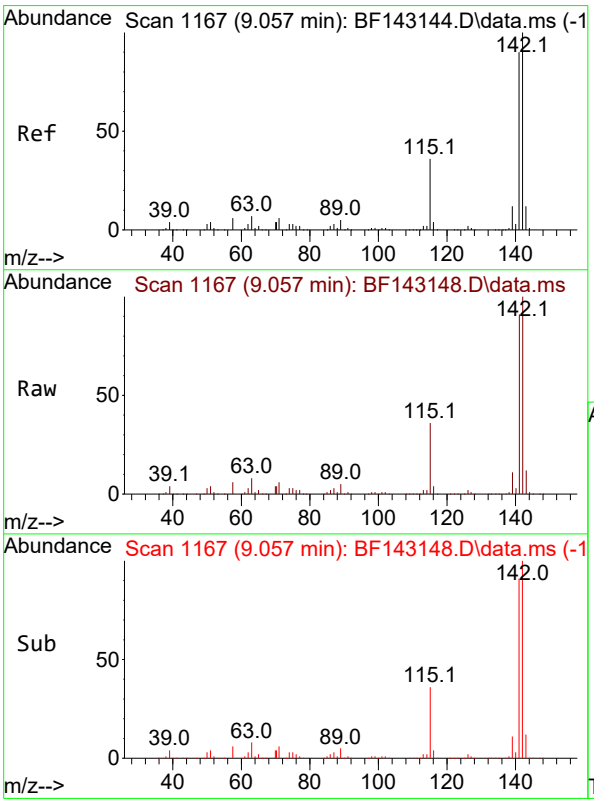
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

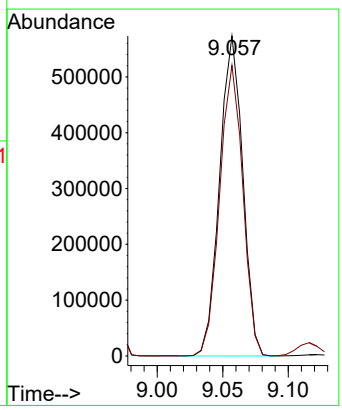


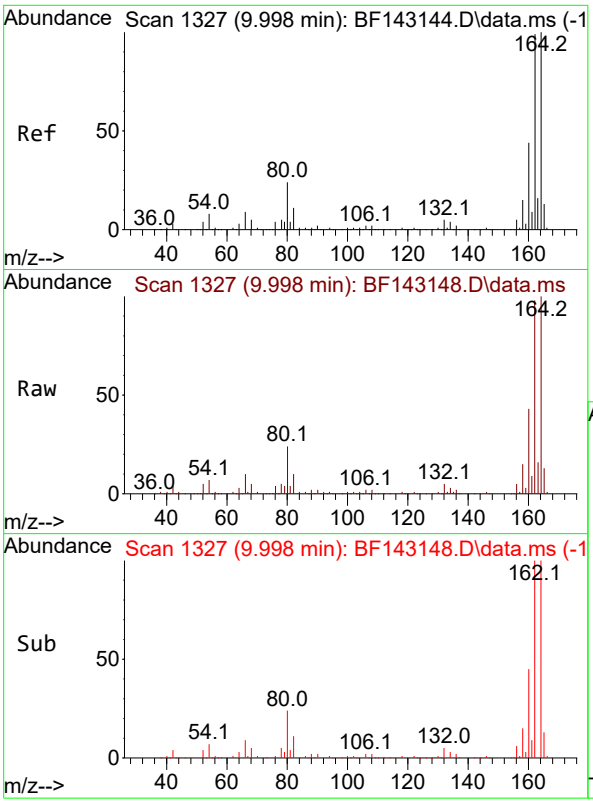


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5

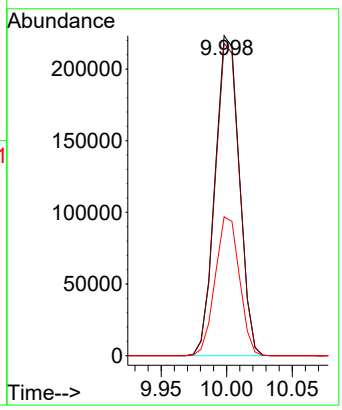




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:164 Resp: 28725

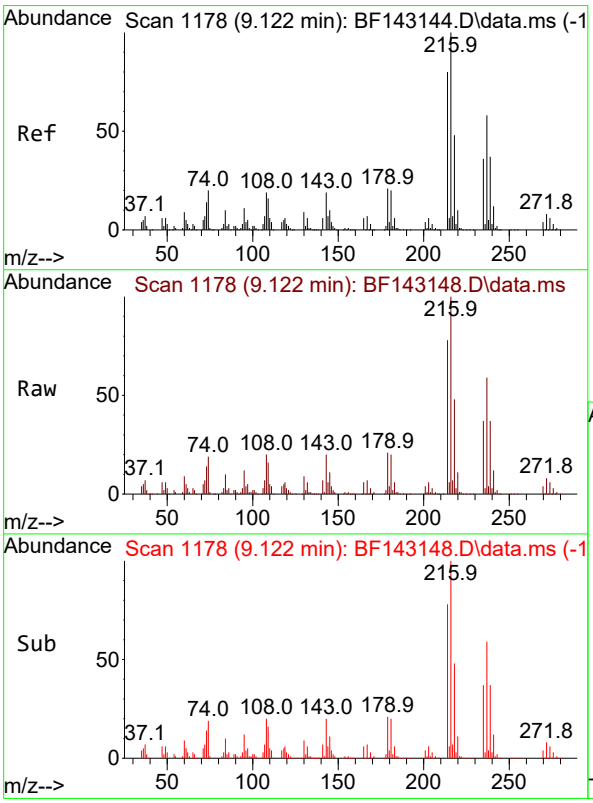
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.4	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

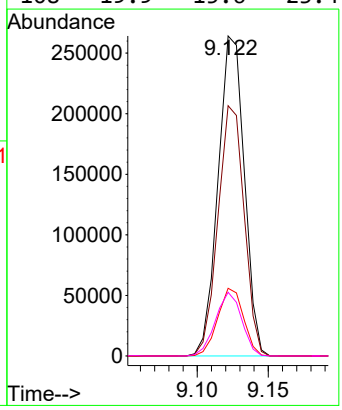
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

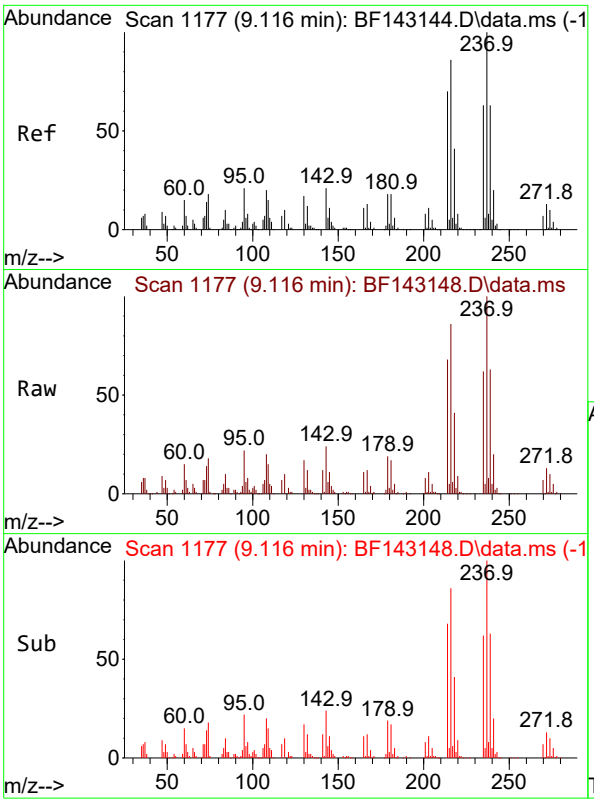


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.8
179	20.8	16.4	24.6
108	19.9	15.6	23.4

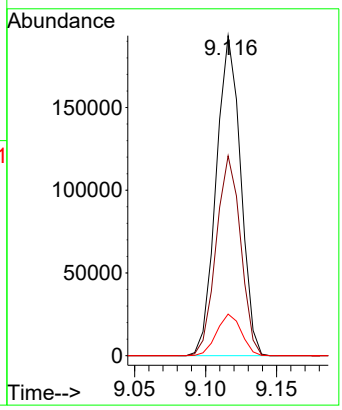




#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:237 Resp: 23134

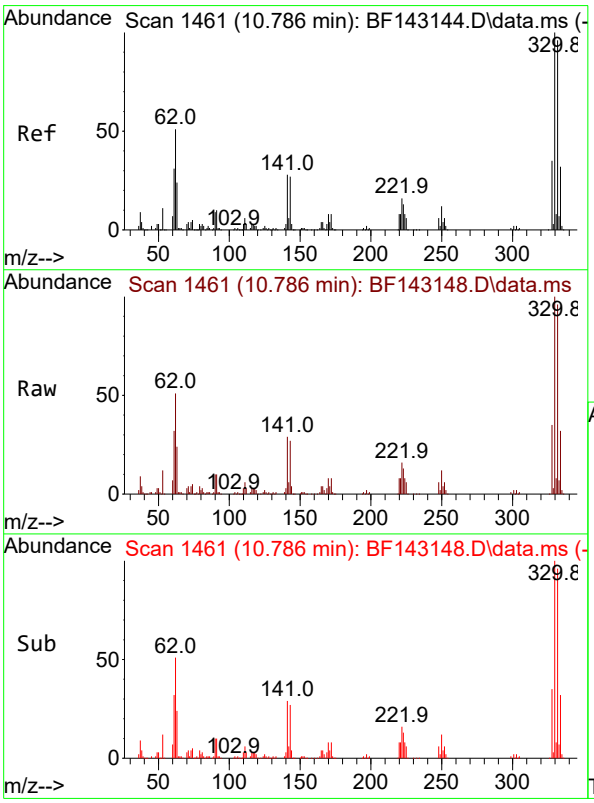
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.0	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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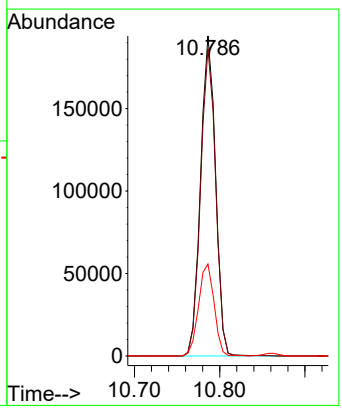
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

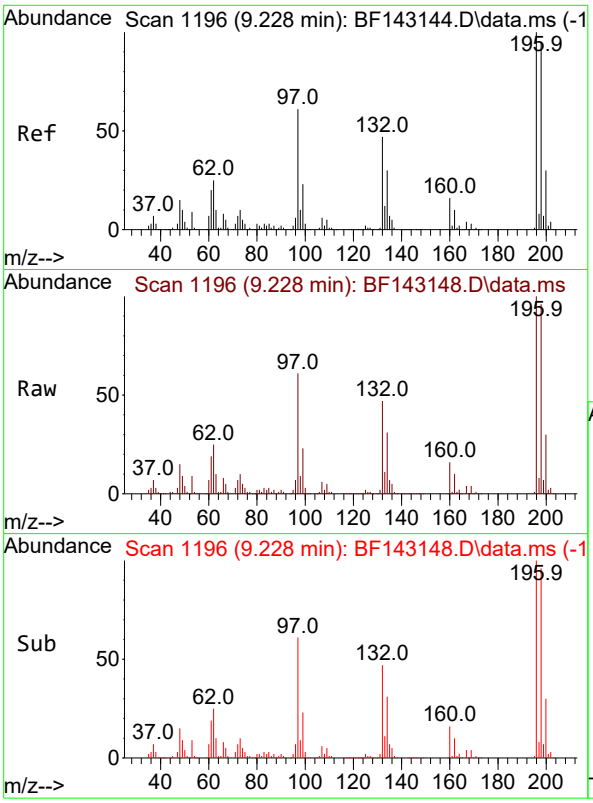


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	29.8	23.3	34.9

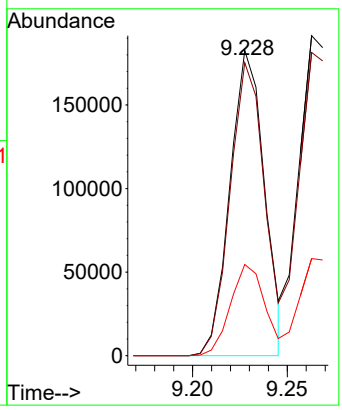




#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 23104

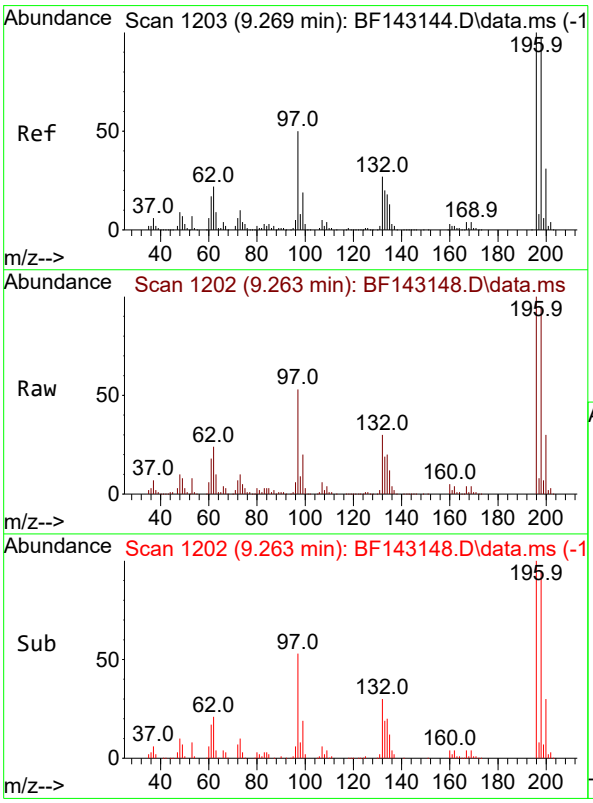
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

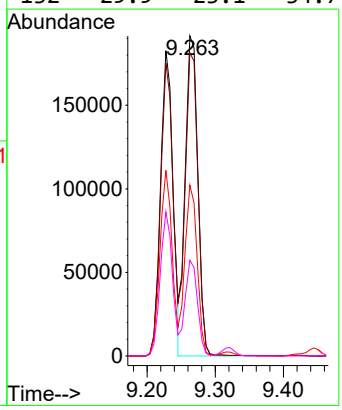
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

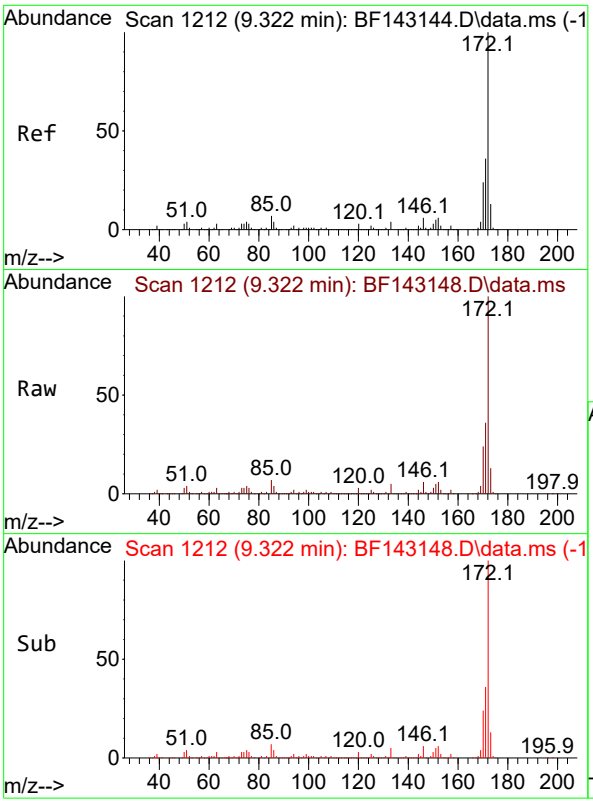


#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

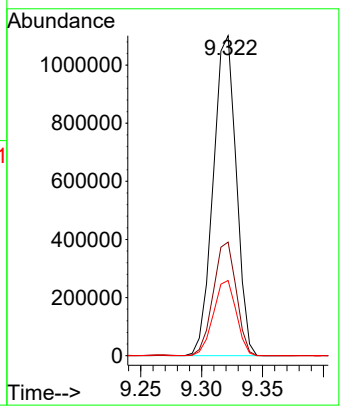
Tgt Ion:172 Resp: 144909

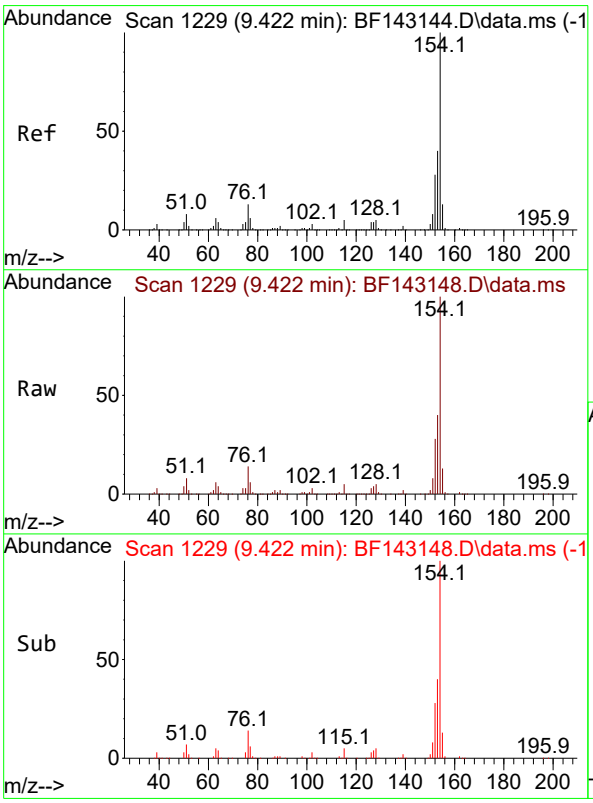
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.5	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

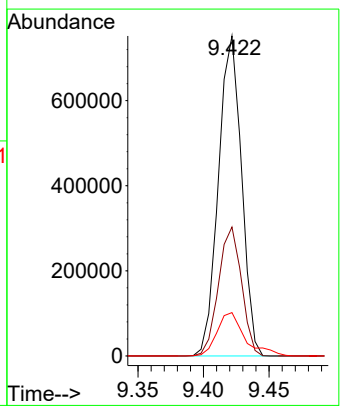


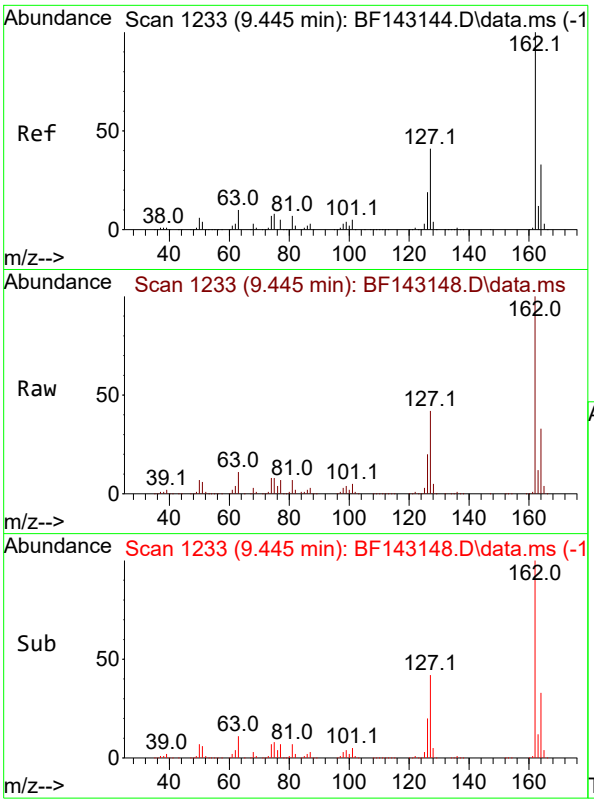


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.3

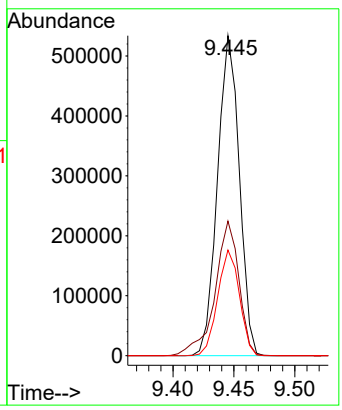




#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 66635

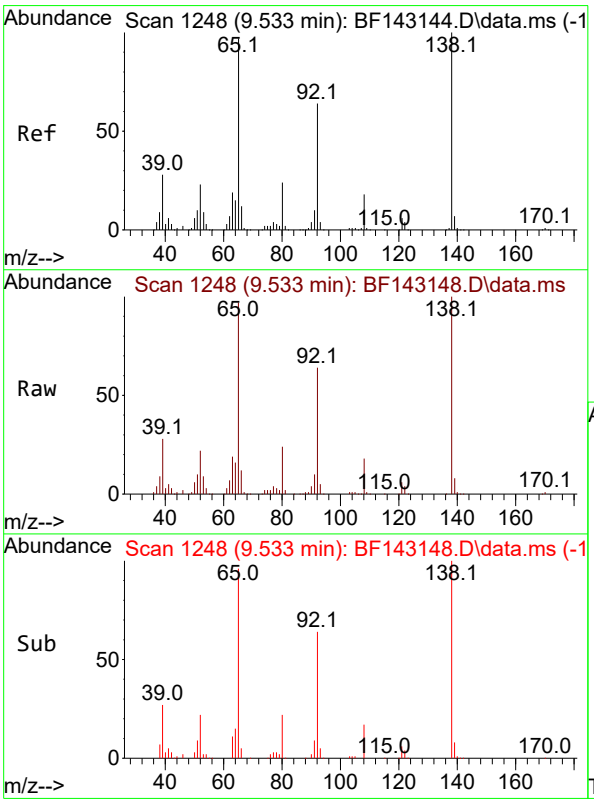
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

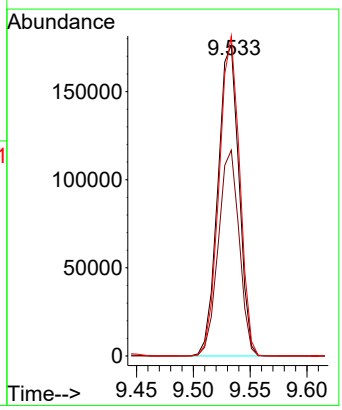
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

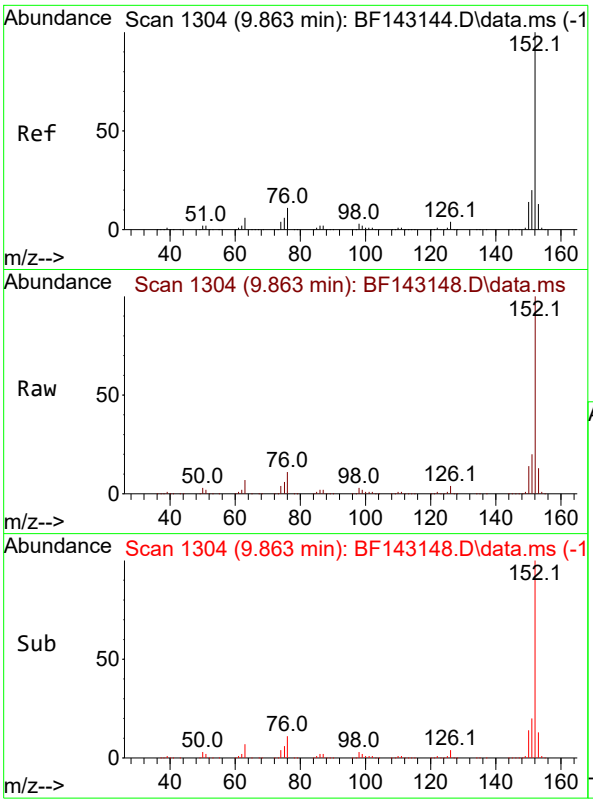


#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	102.9	82.3	123.5

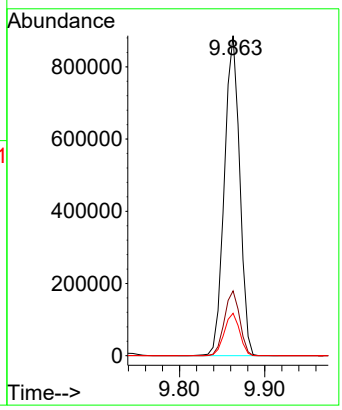




#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 111199

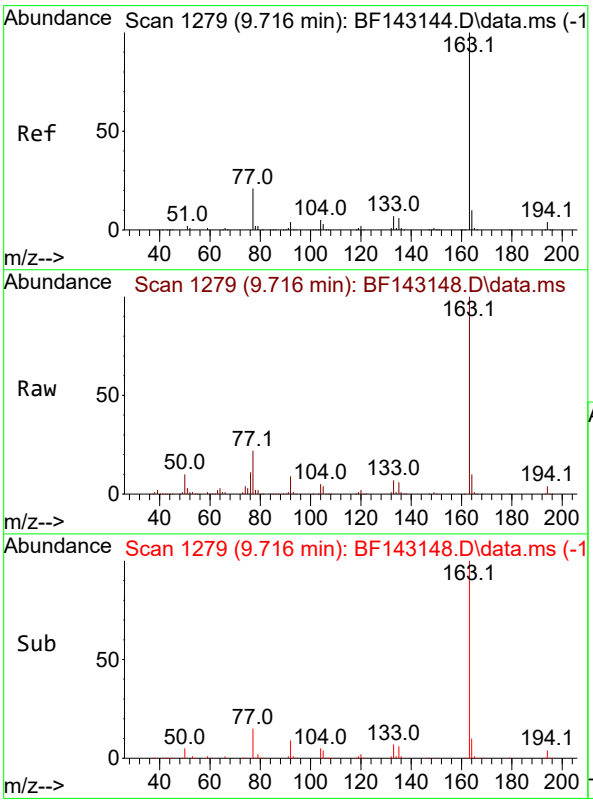
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

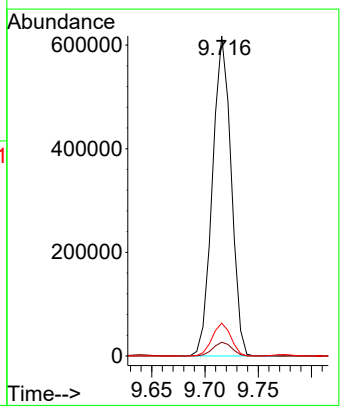
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

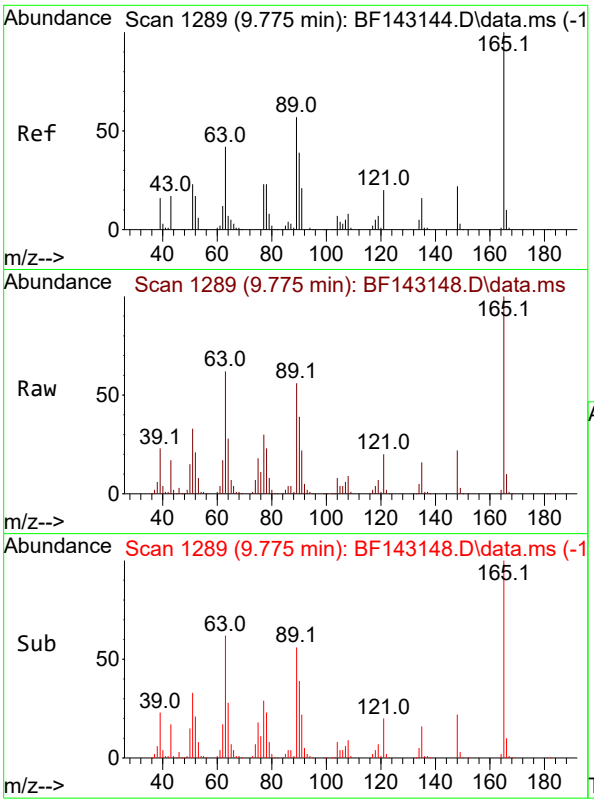


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5

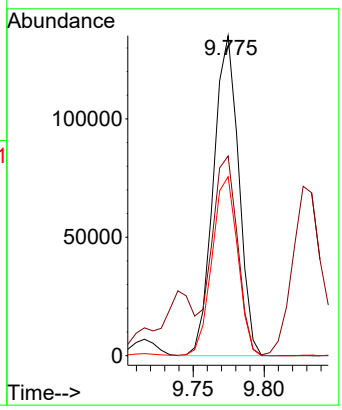




#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 16691

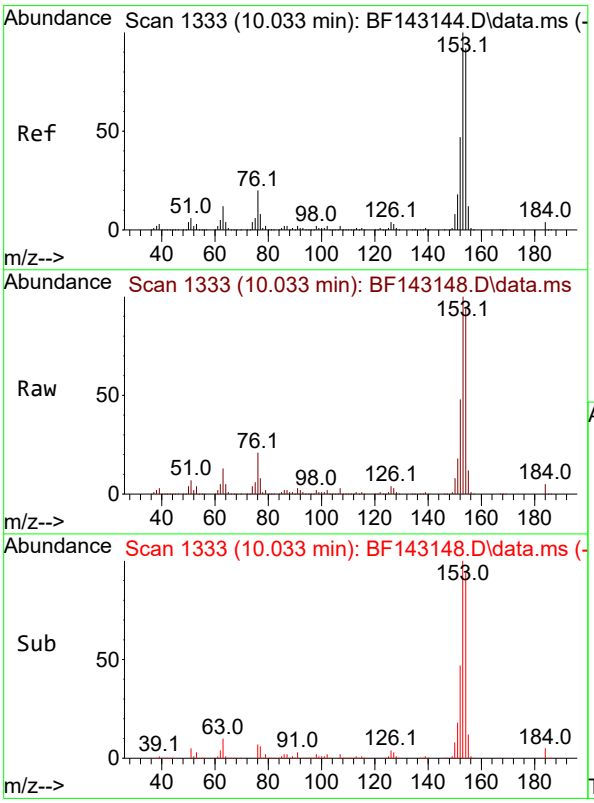
Ion	Ratio	Lower	Upper
165	100		
63	62.4	49.4	74.2
89	56.0	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

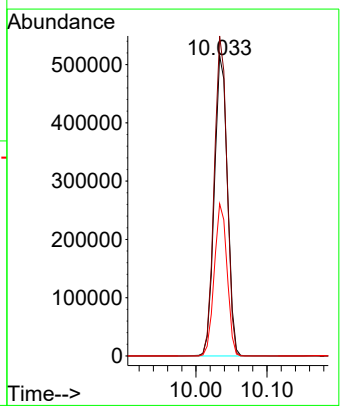
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

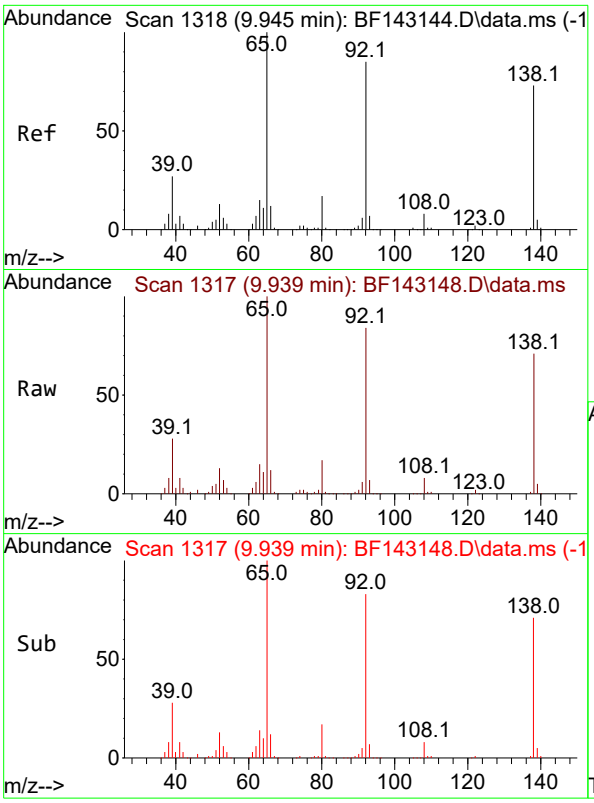


#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

Ion	Ratio	Lower	Upper
154	100		
153	106.6	86.6	129.8
152	50.7	40.4	60.6

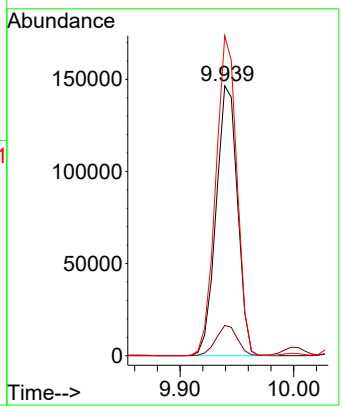




#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 19151

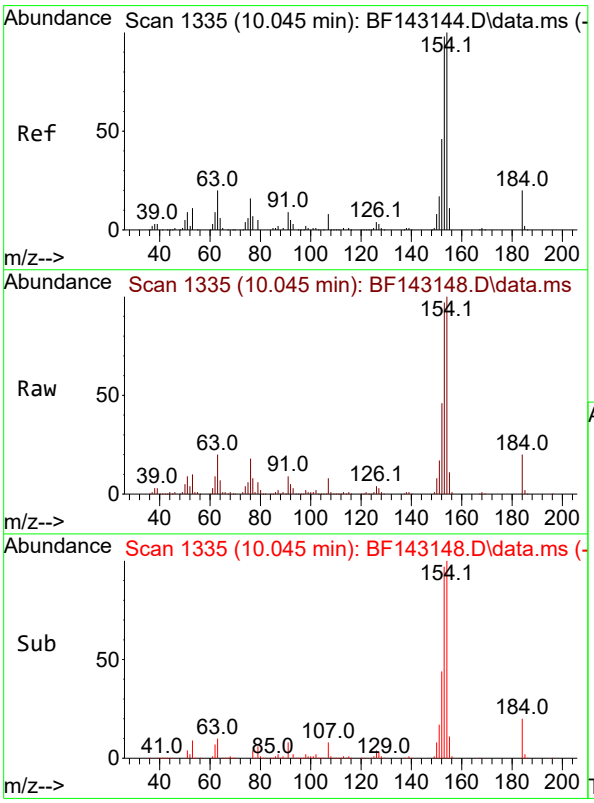
Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.6
92	118.6	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

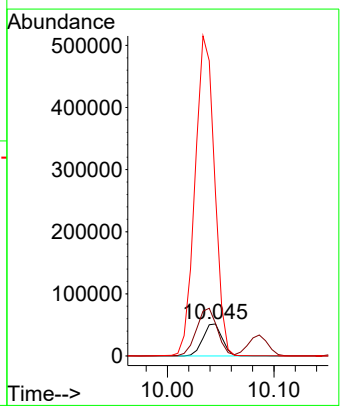
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

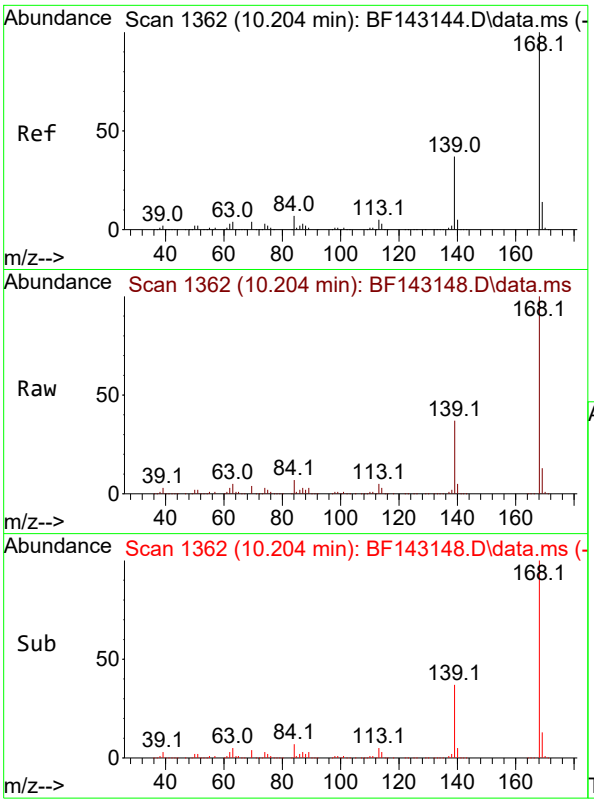


#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

Ion	Ratio	Lower	Upper
184	100		
63	102.3	81.8	122.6
154	509.4	412.2	618.4

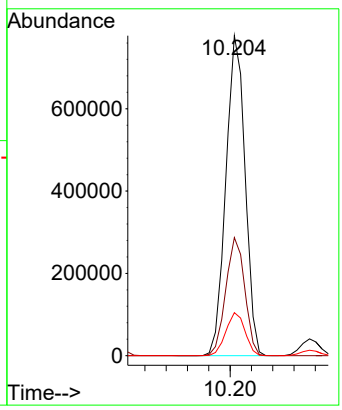




#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:168 Resp: 97499

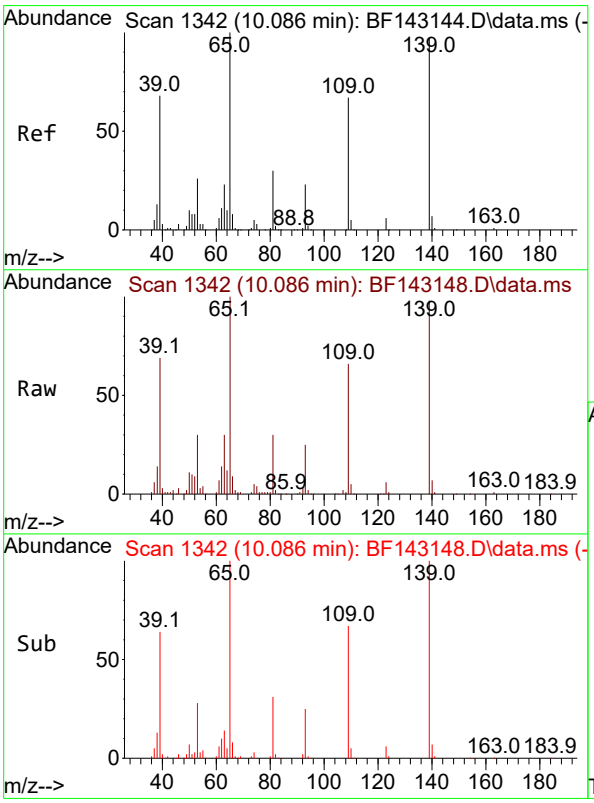
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

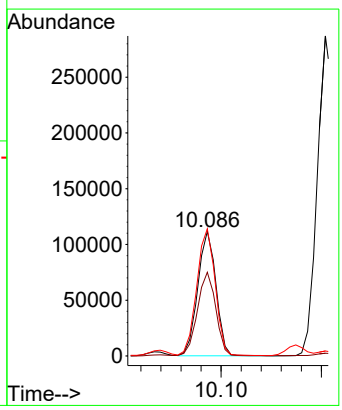
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

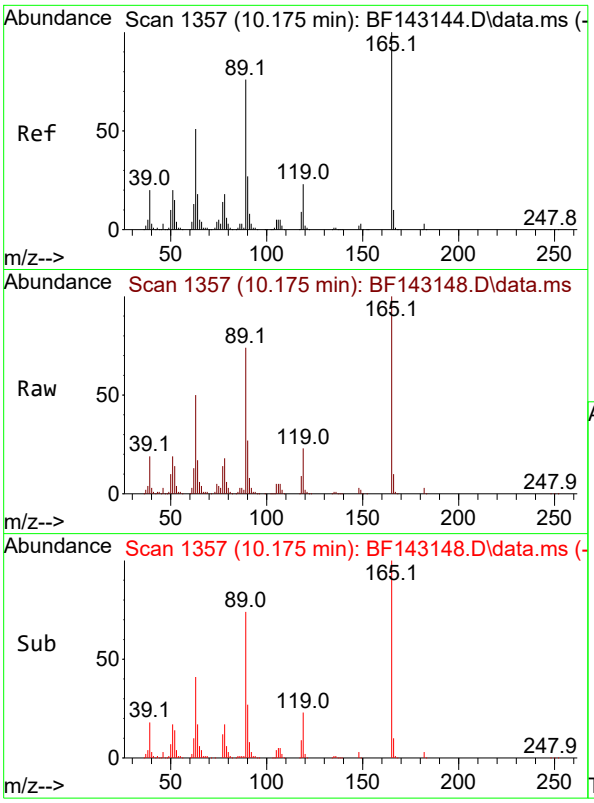


#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.5	88.5
65	102.1	83.4	123.4

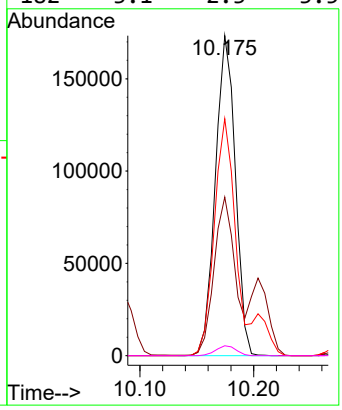




#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 21236

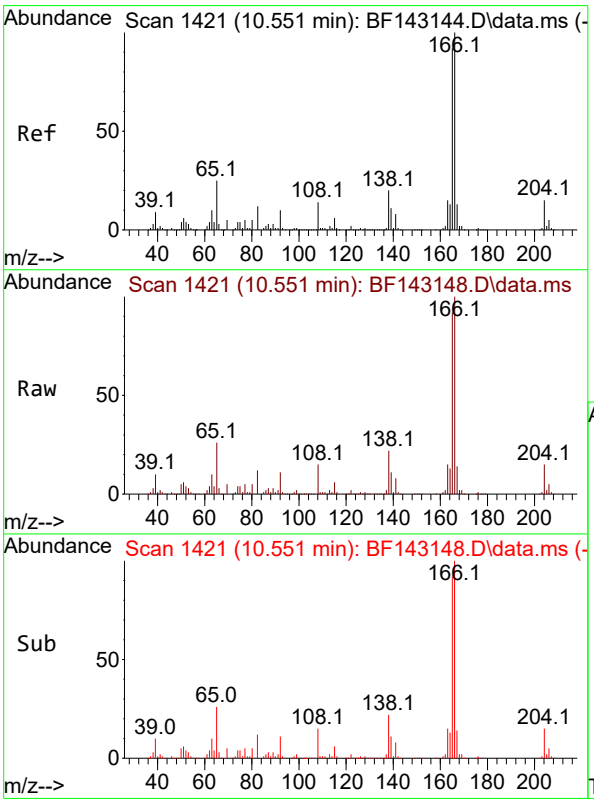
Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.0	61.4
89	74.0	61.1	91.7
182	3.1	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

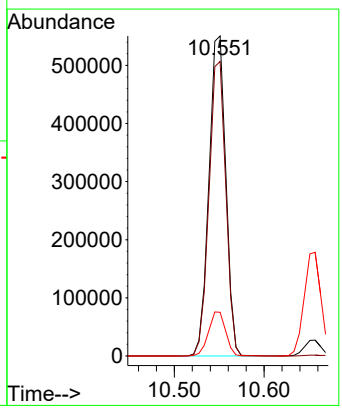
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

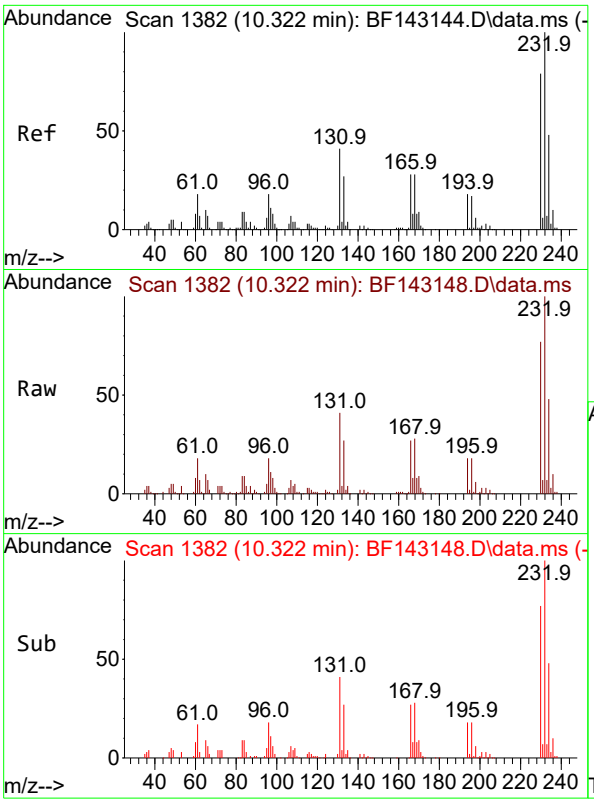


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.7	10.6	16.0

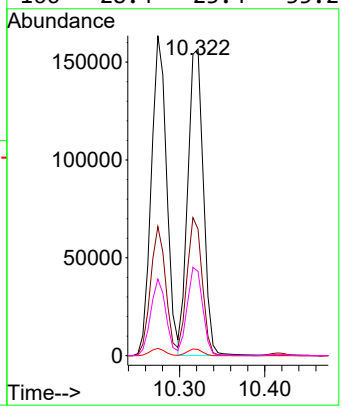




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:232 Resp: 19853

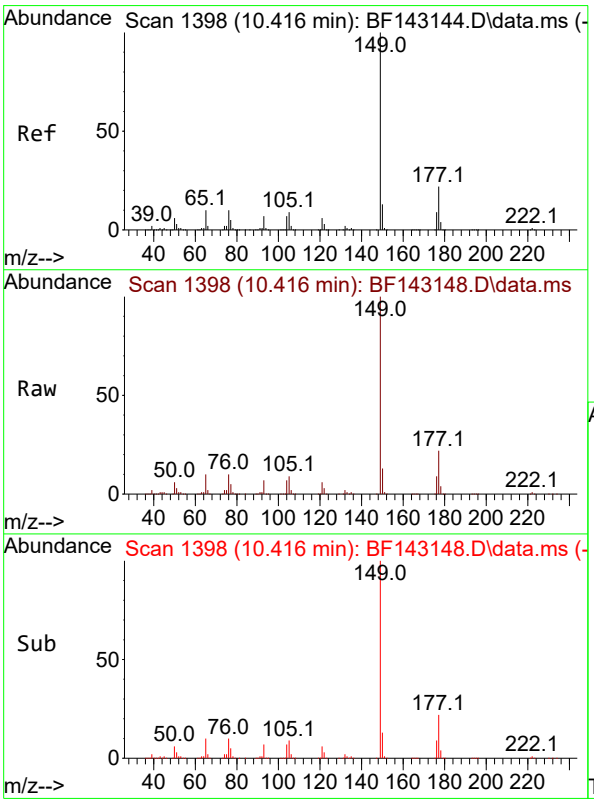
Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	28.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

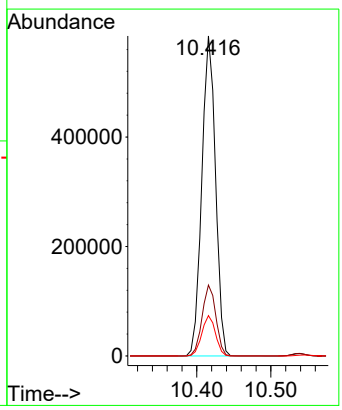
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

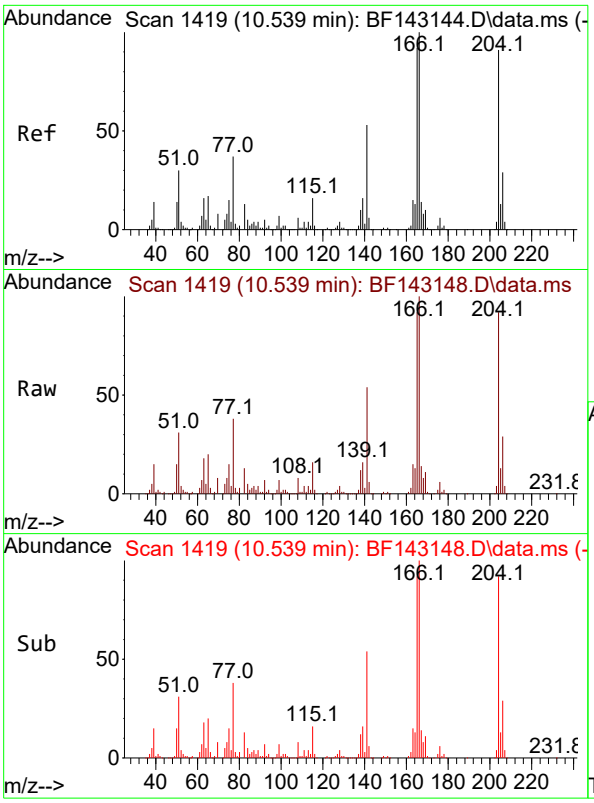


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2

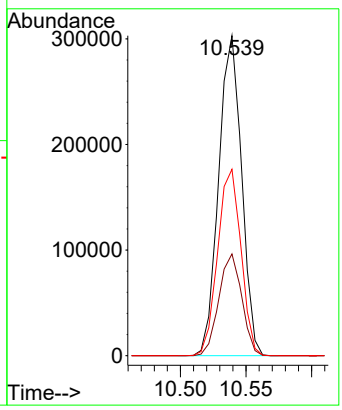




#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:204 Resp: 36798

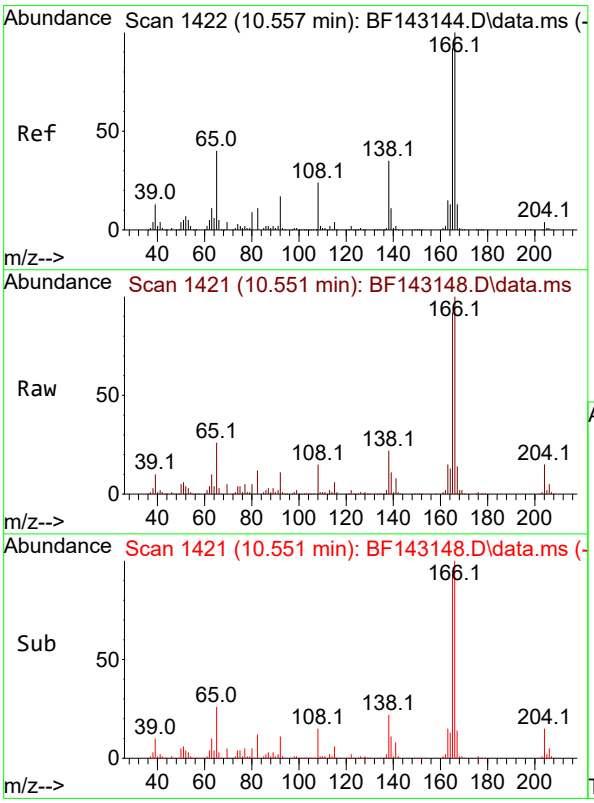
Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	58.3	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

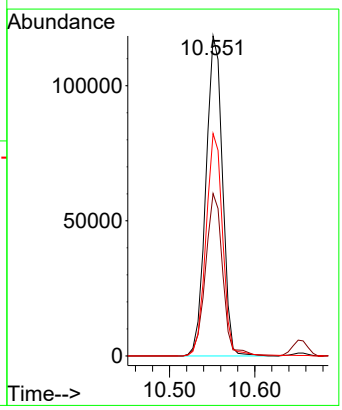
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

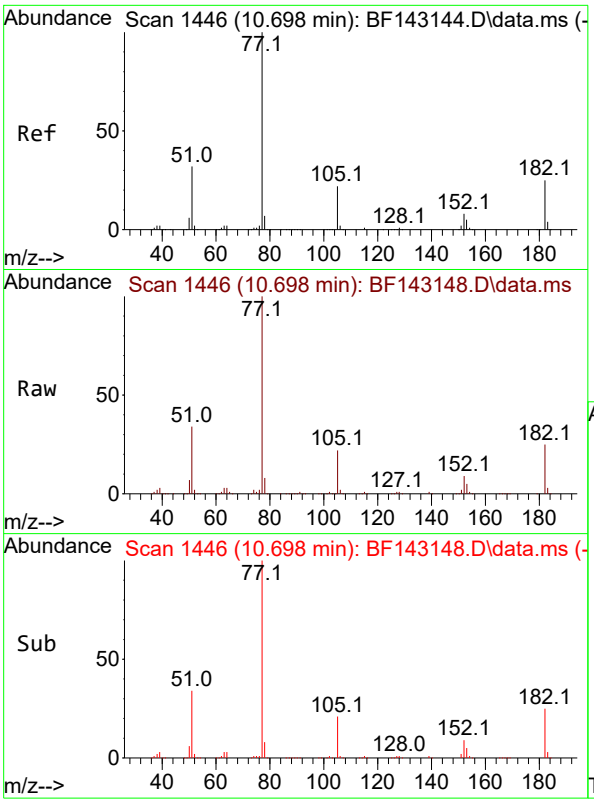


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.5	48.3	88.3

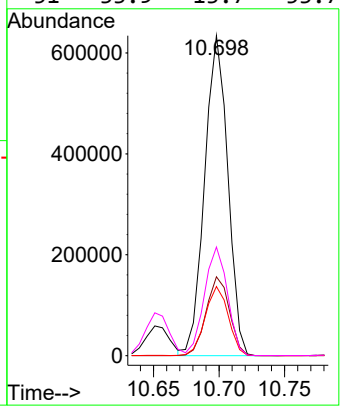




#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 77952

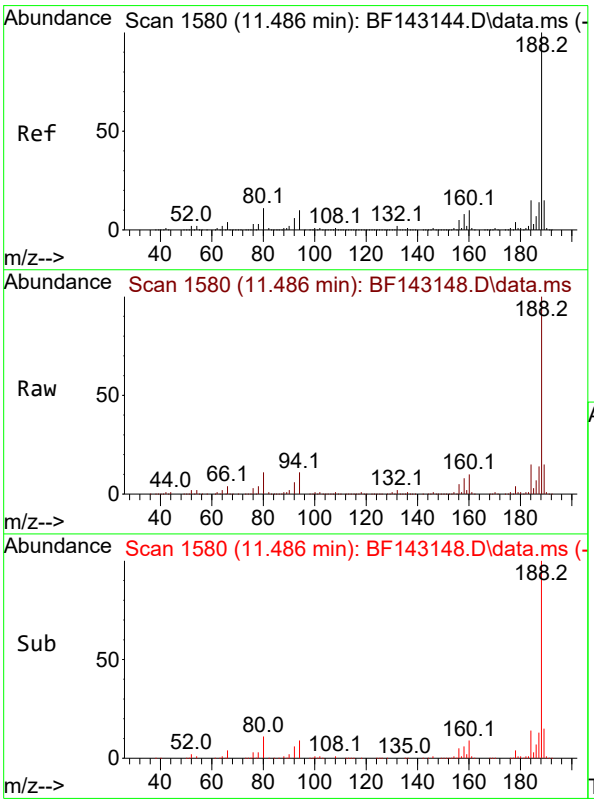
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

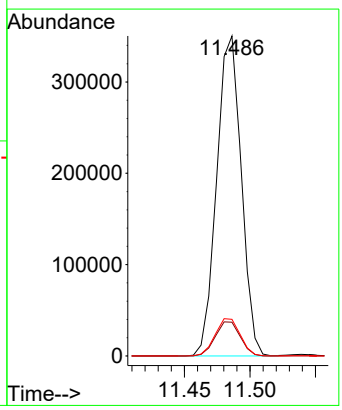
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

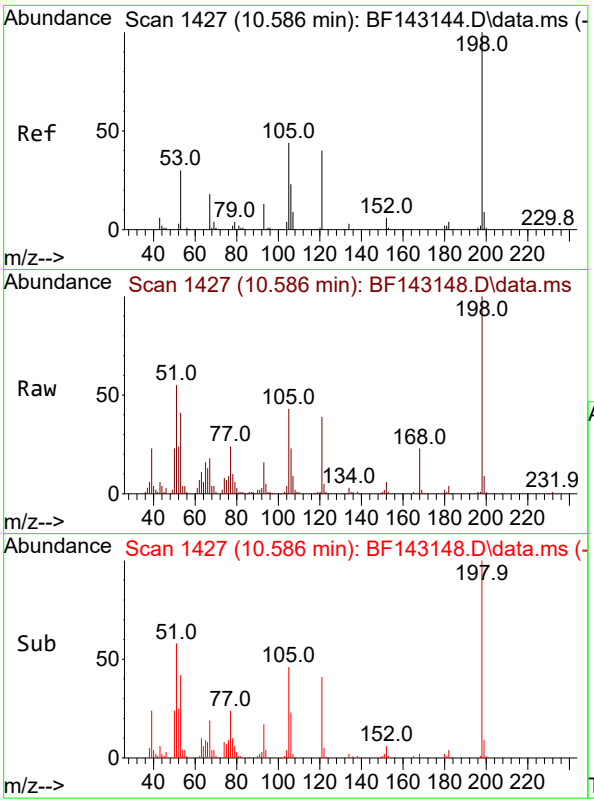


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6

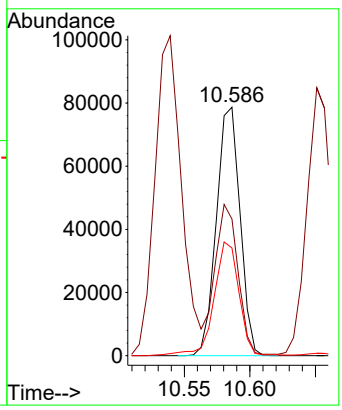




#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:198 Resp: 9846

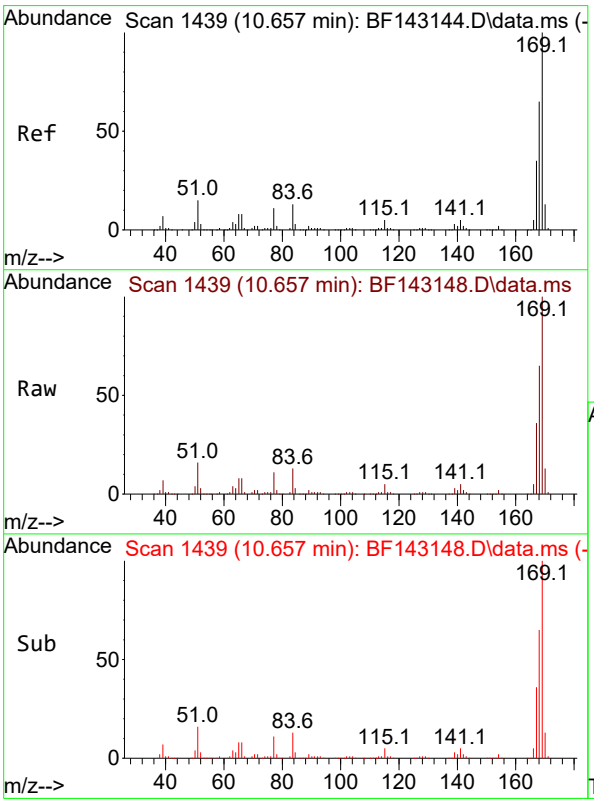
Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.2	77.2
105	43.3	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

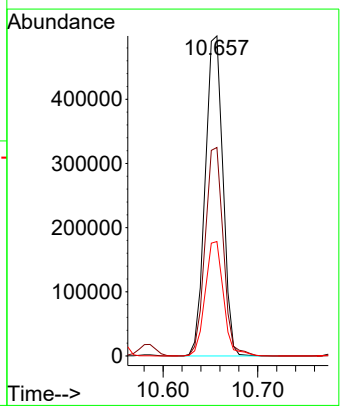
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

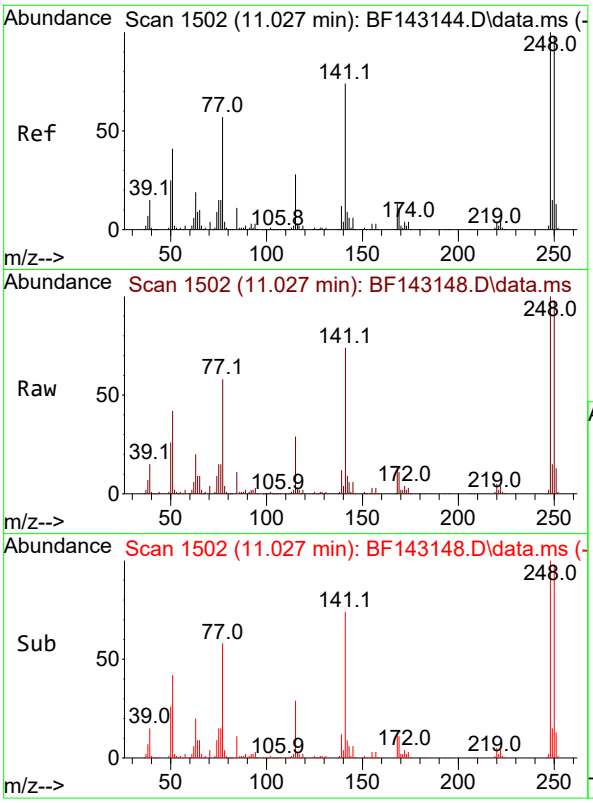


#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.8	28.2	42.2

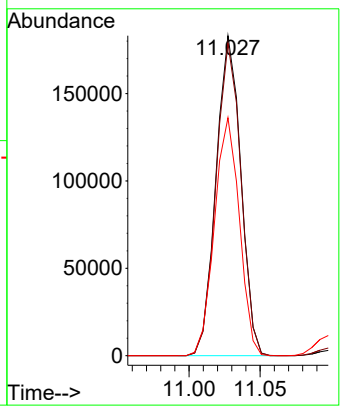




#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:248 Resp: 22240

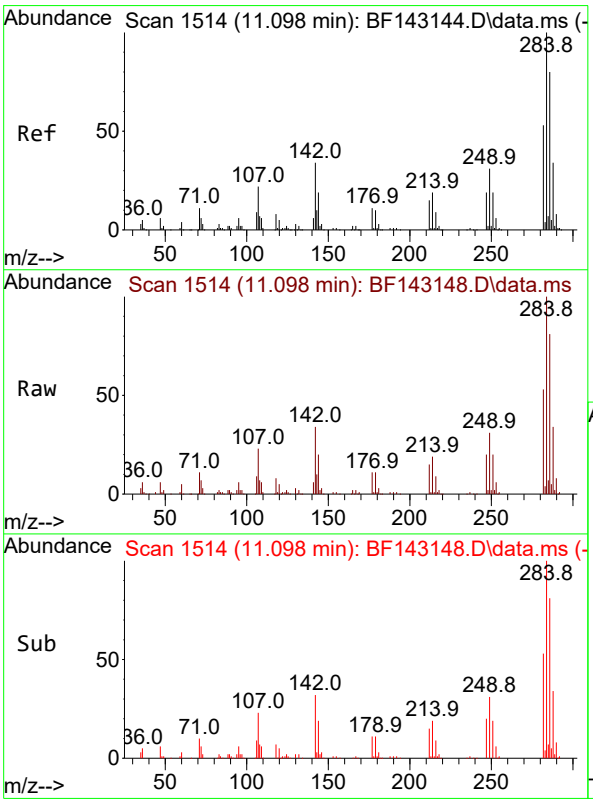
Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

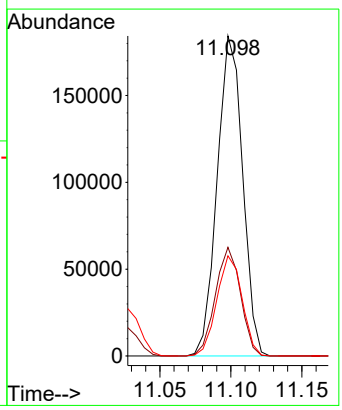
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

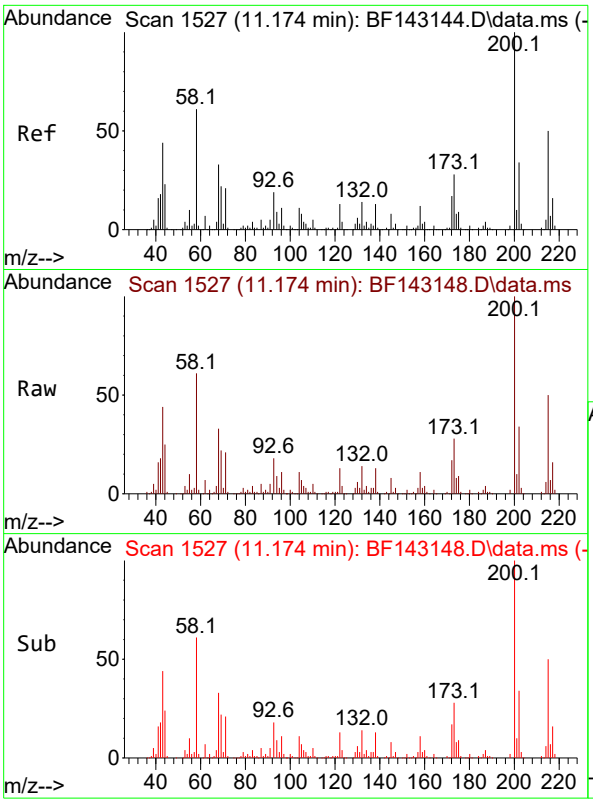


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.3	25.0	37.6

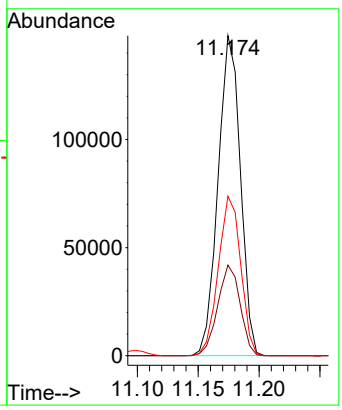




#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:200 Resp: 18910

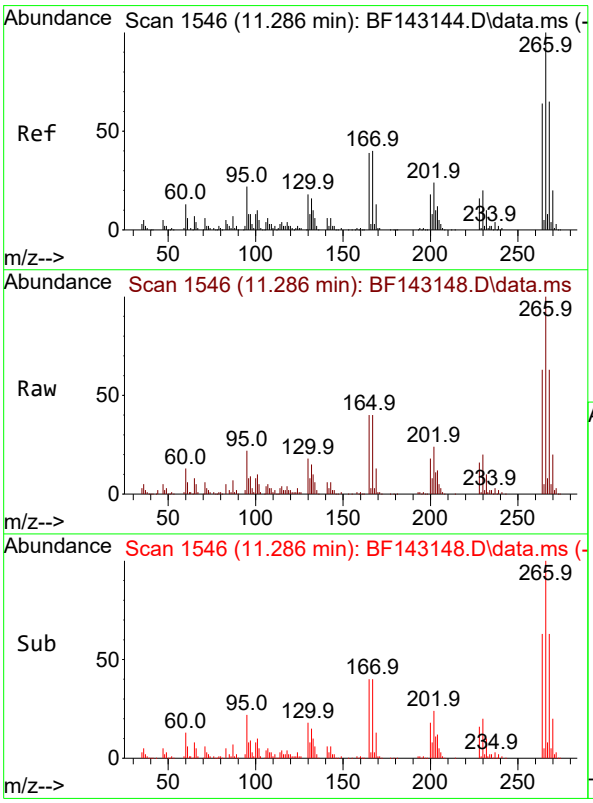
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

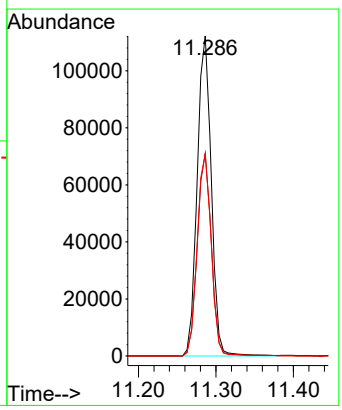
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

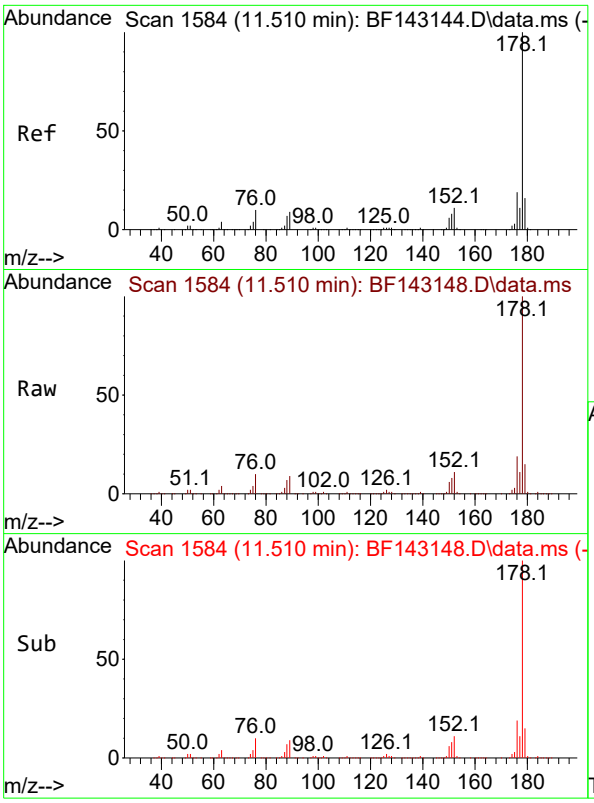


#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.3	51.0	76.6

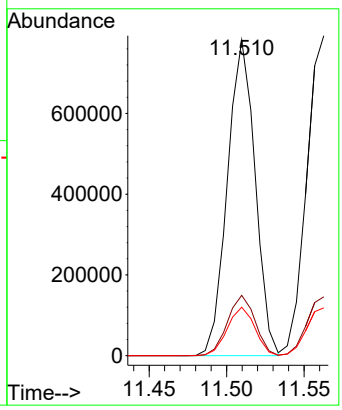




#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 9714

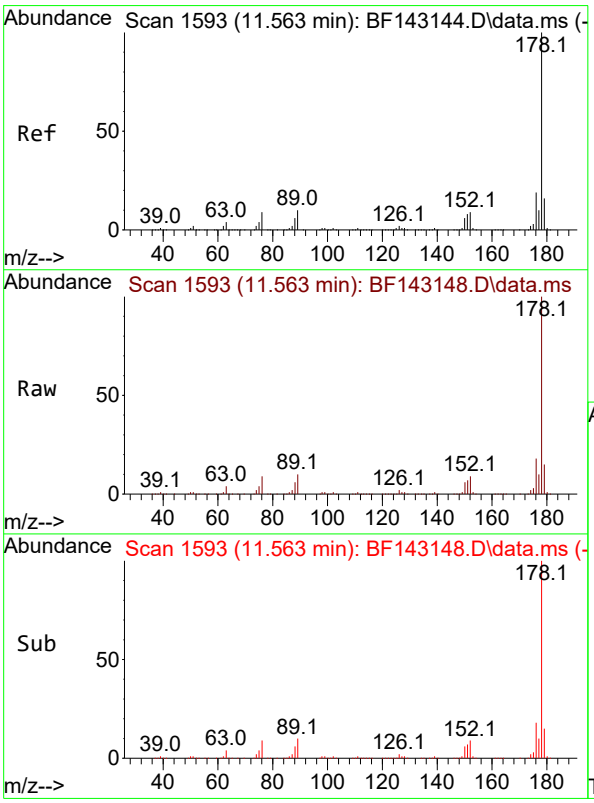
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

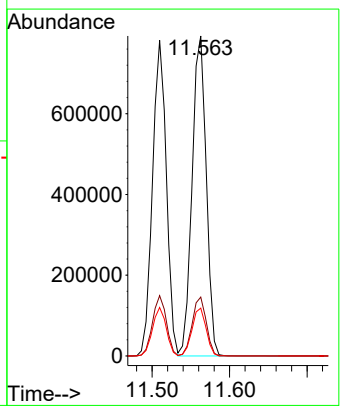
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

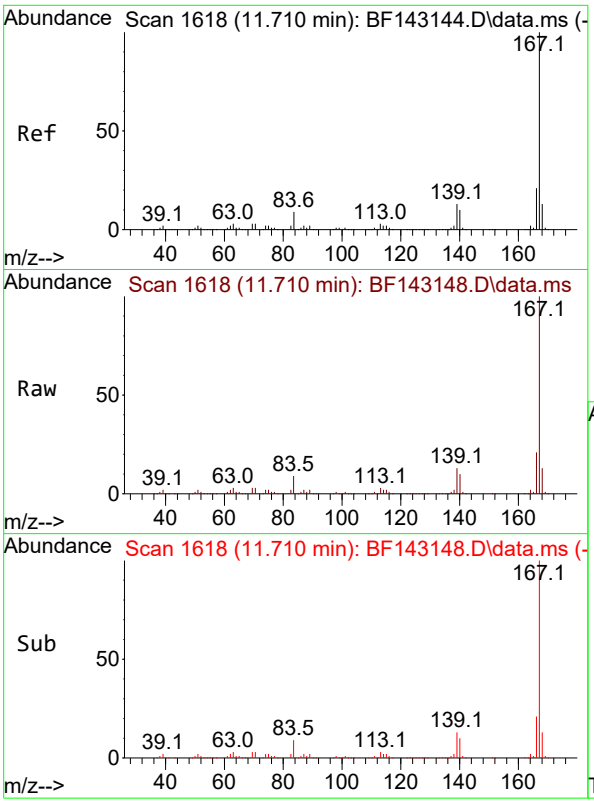


#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7

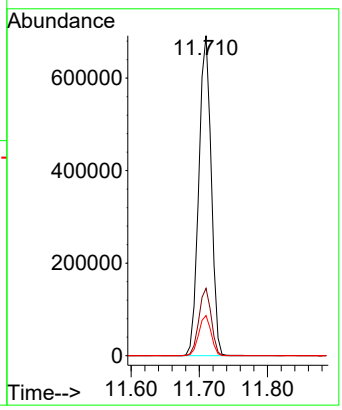




#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:167 Resp: 87486

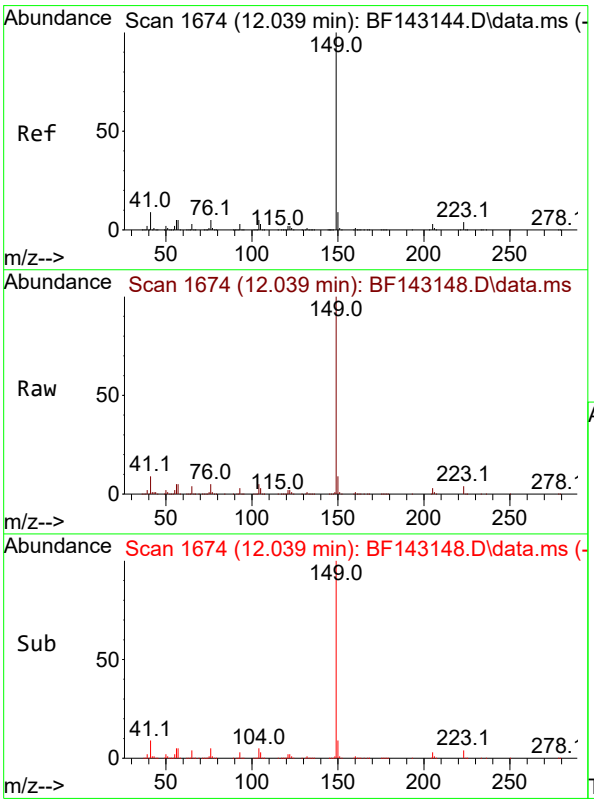
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

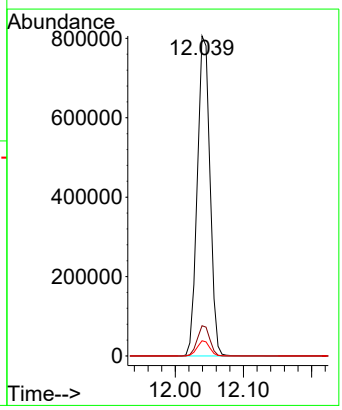
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

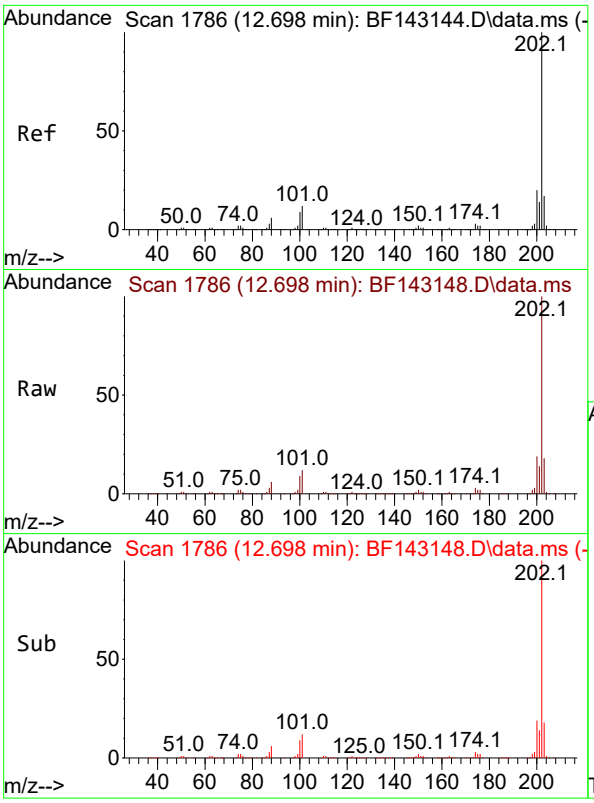


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8

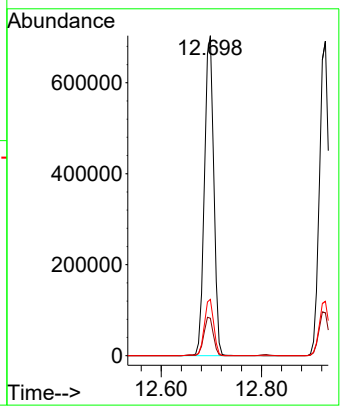




#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 90971

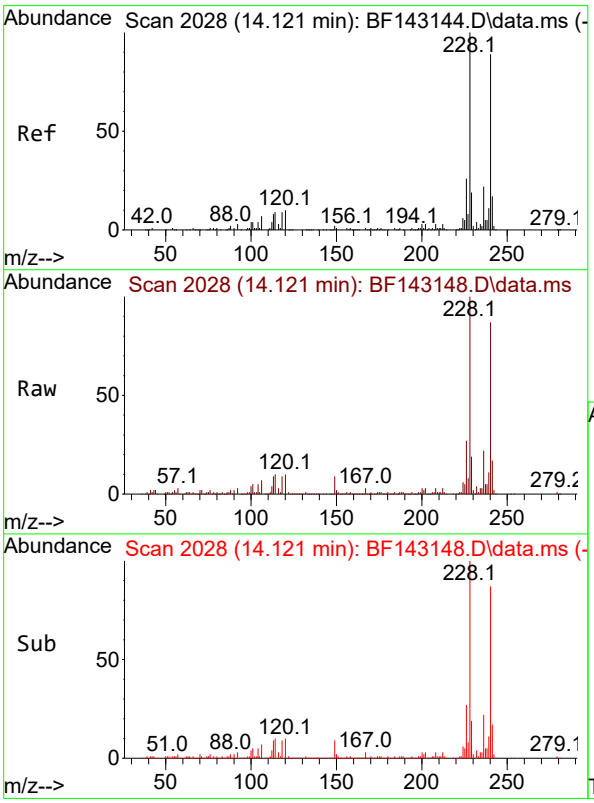
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

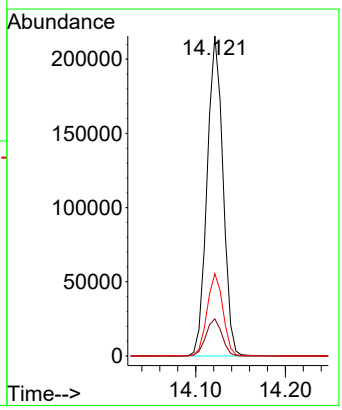
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

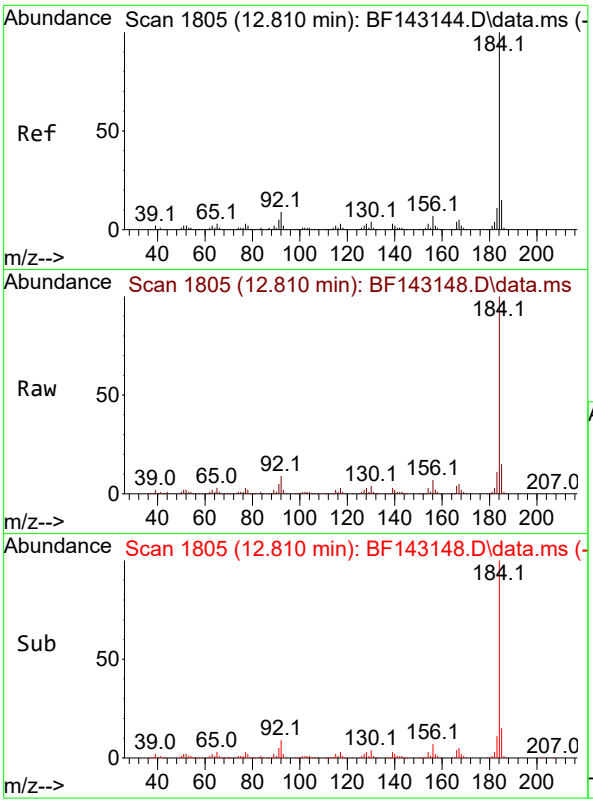


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.7	20.2	30.4

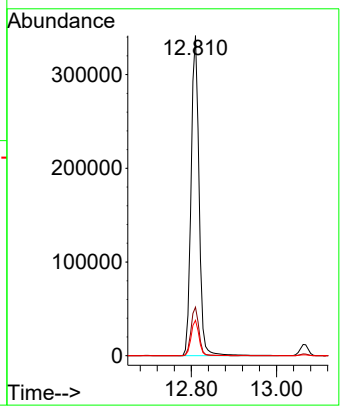




#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 44147

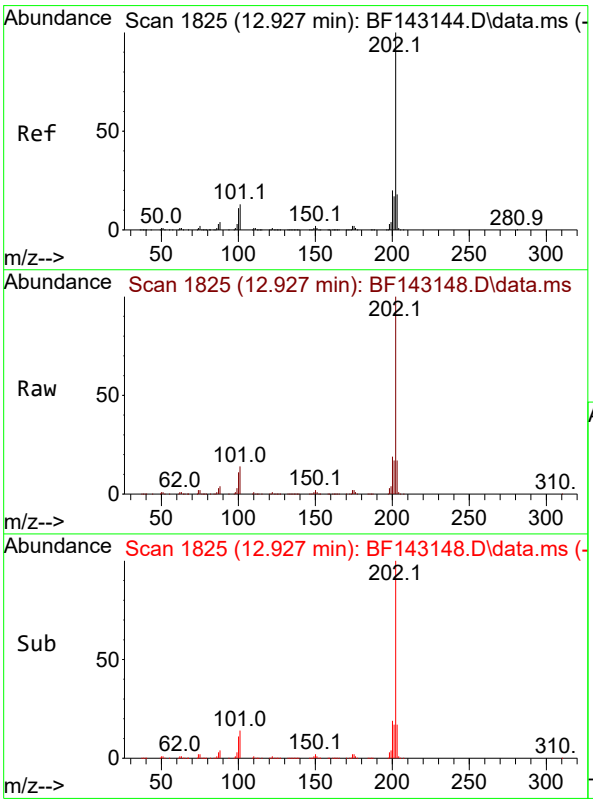
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

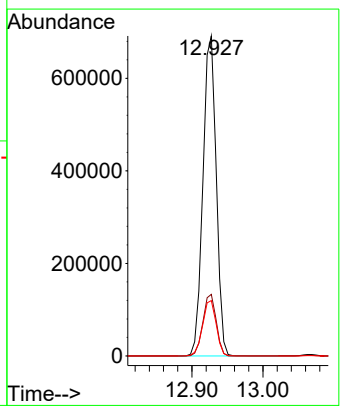
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

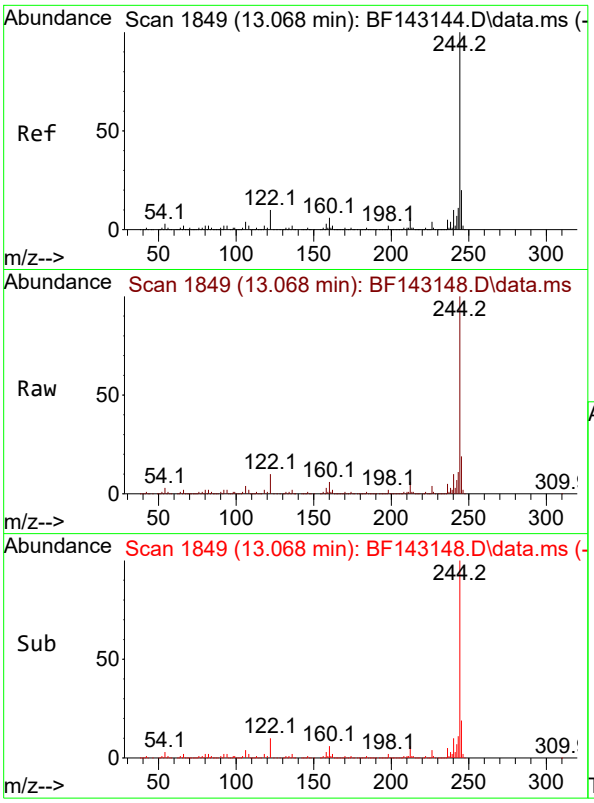


#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.3	14.2	21.2

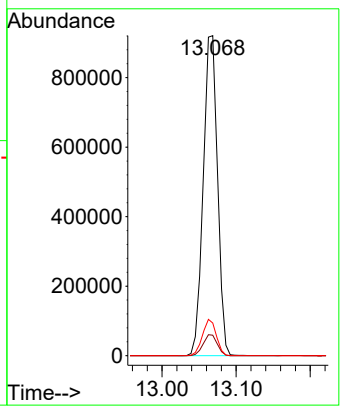




#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:244 Resp: 123470

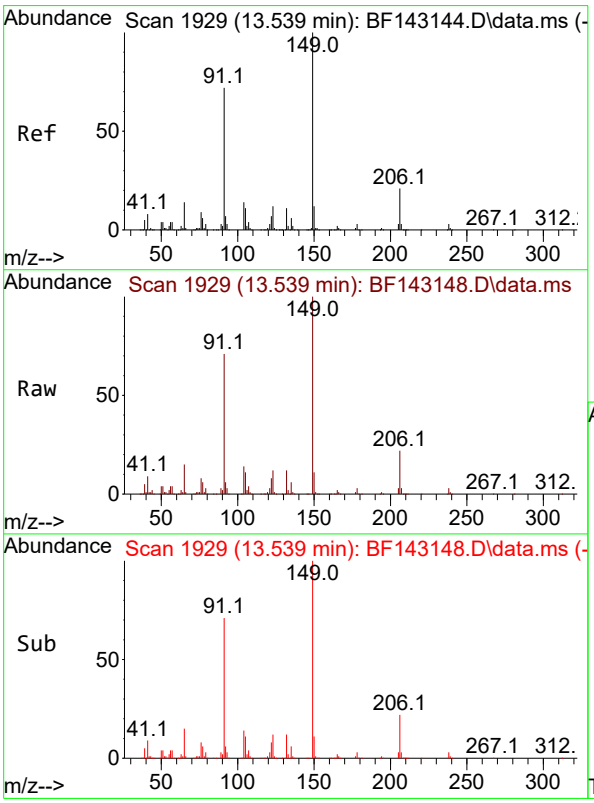
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

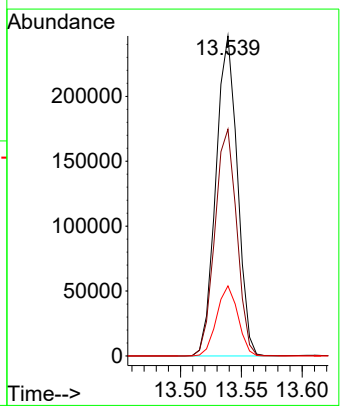
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

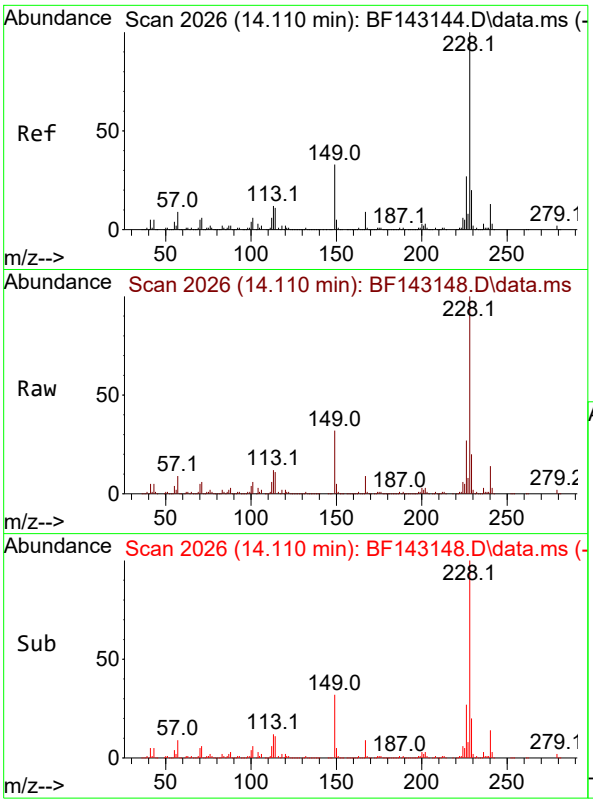


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.9	86.9
206	21.9	17.0	25.4

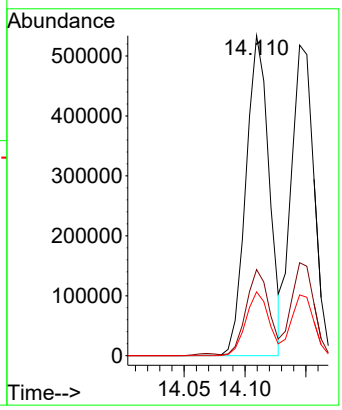




#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 70879

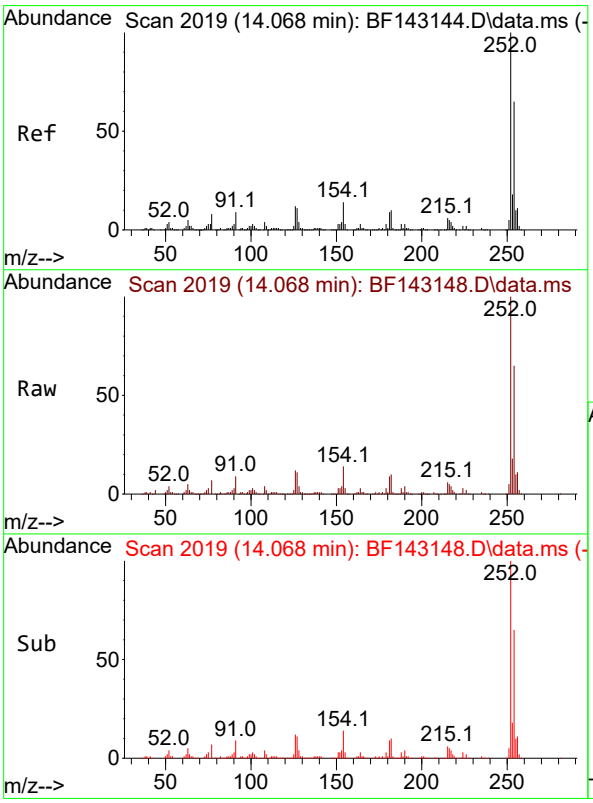
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

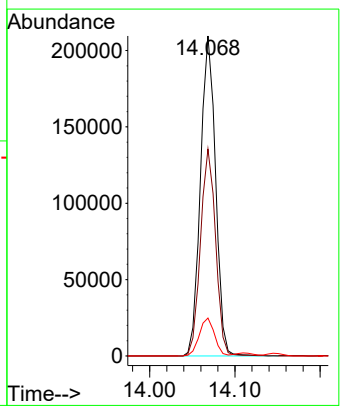
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

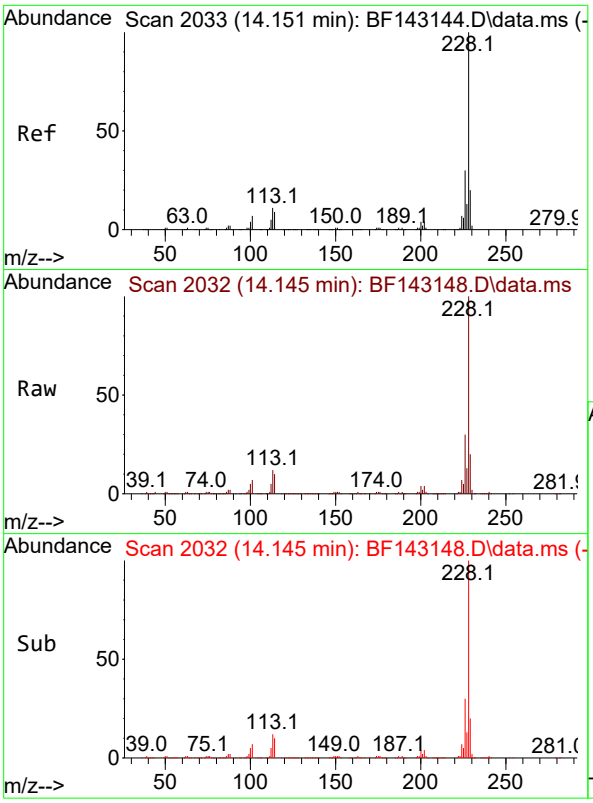


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.9	9.4	14.0

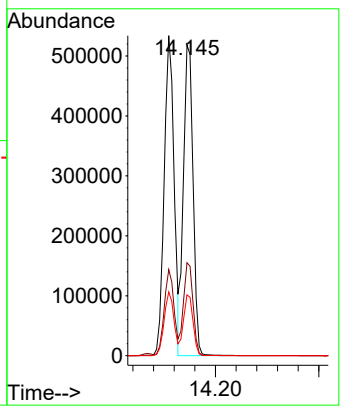




#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 67370

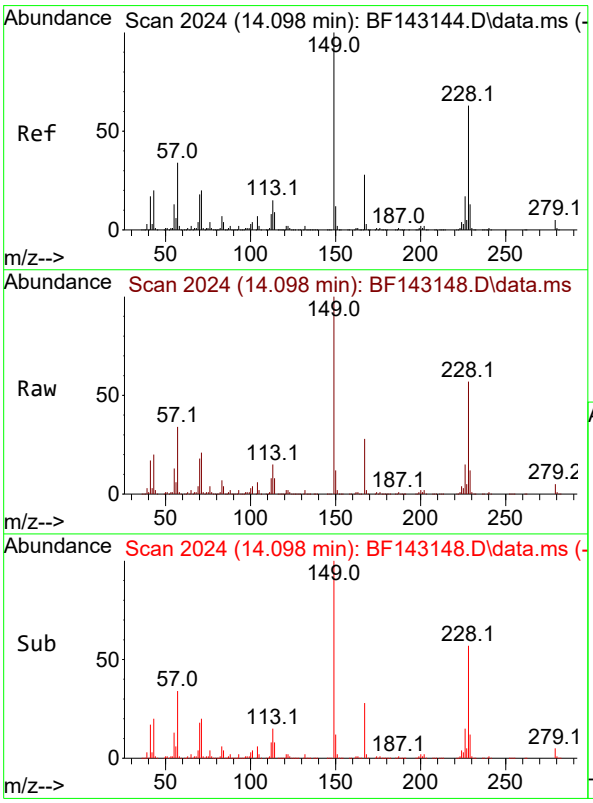
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

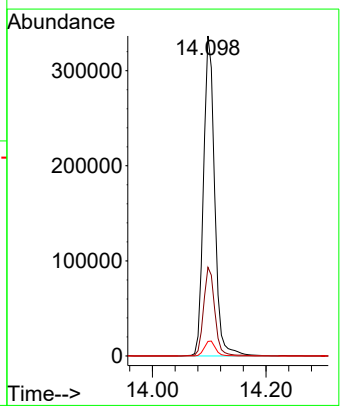
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

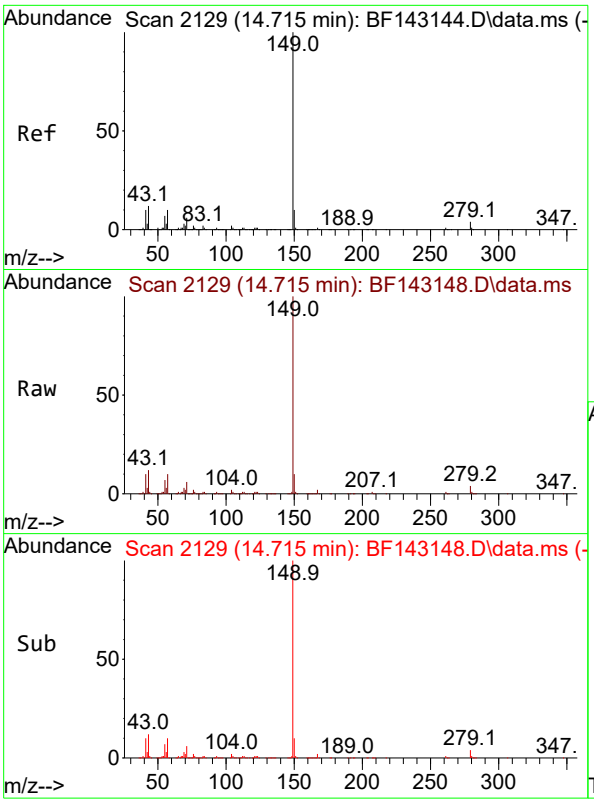


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

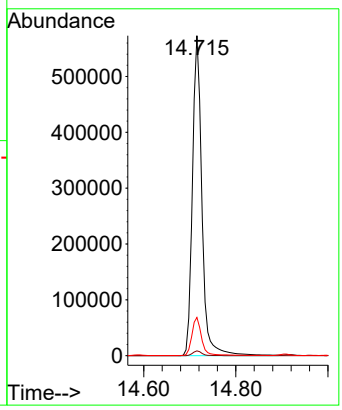
Tgt Ion:149 Resp: 81851

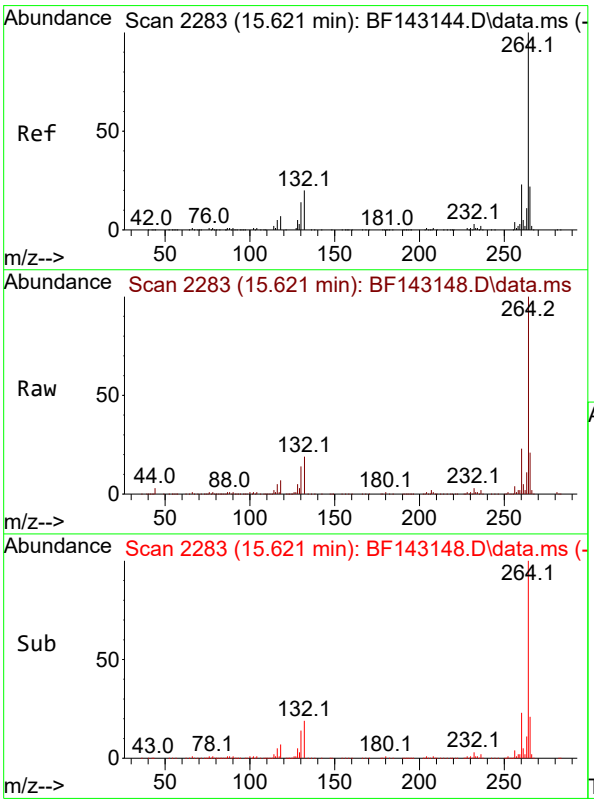
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

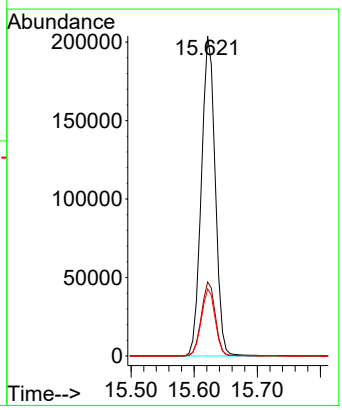


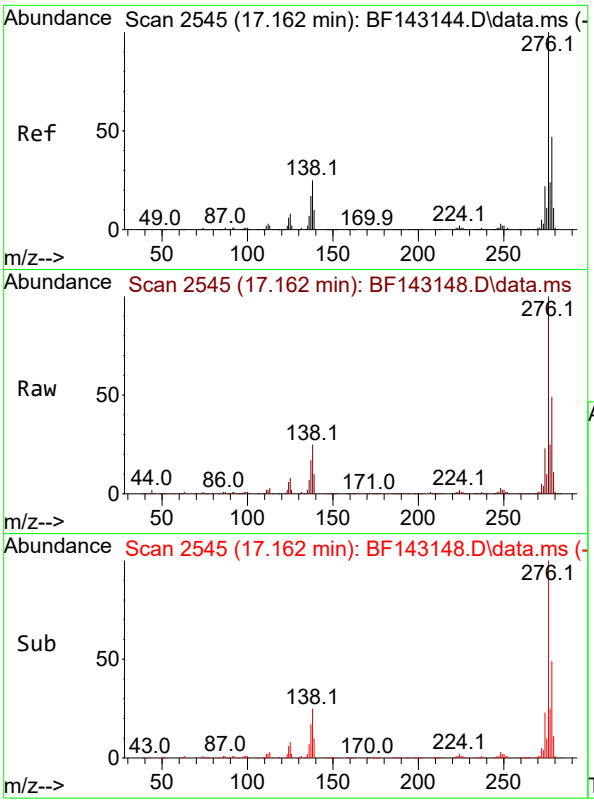


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	17.4	26.2

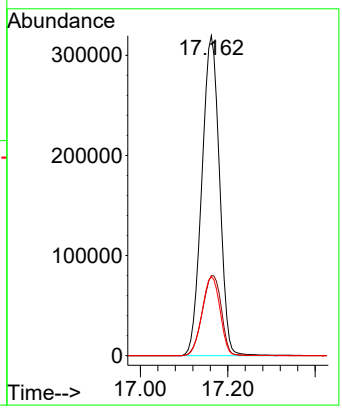




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 89640

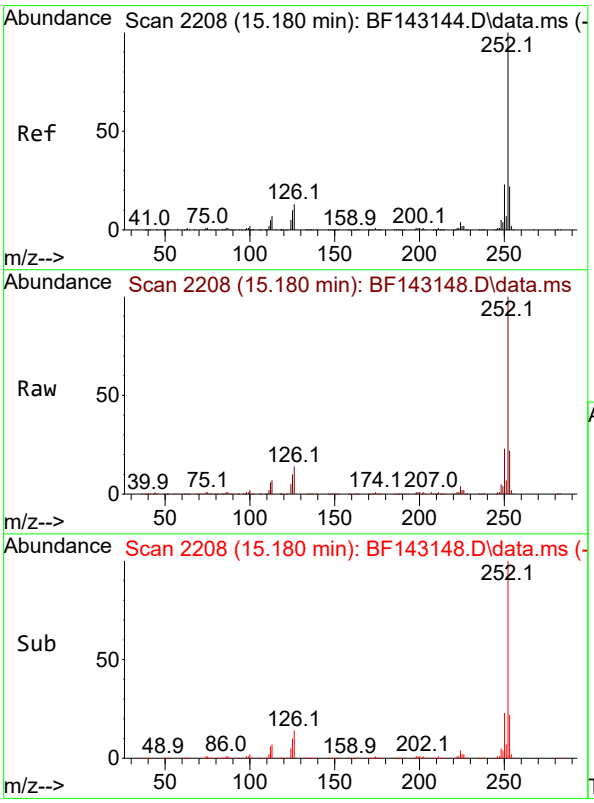
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

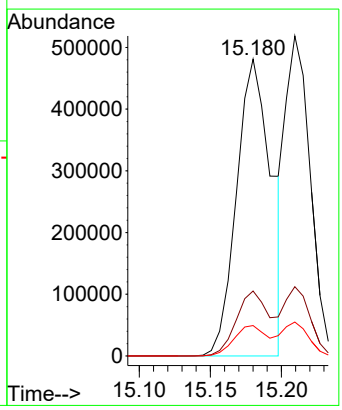
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

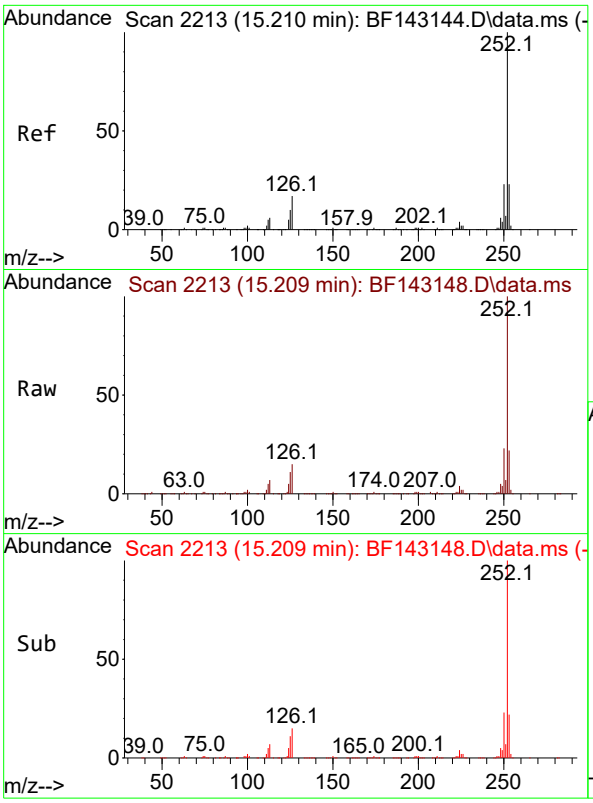


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.0	12.0

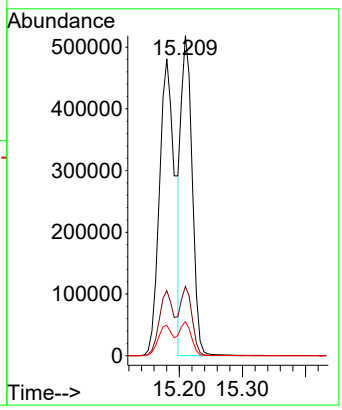




#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 63464

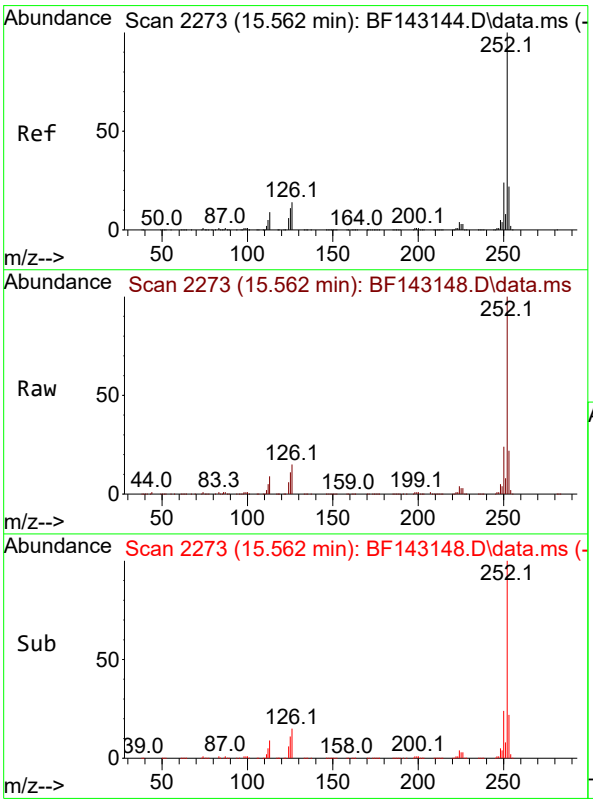
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

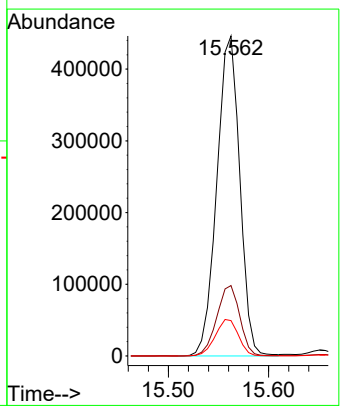
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

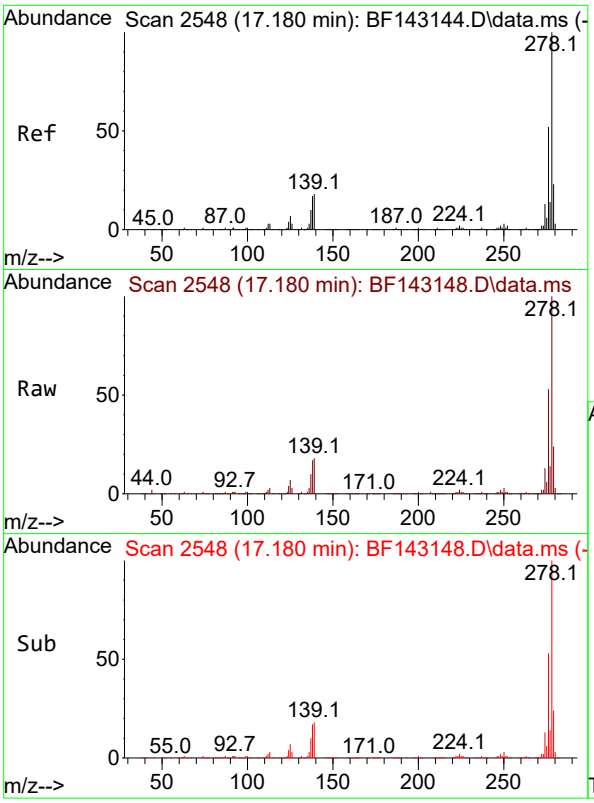


#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0

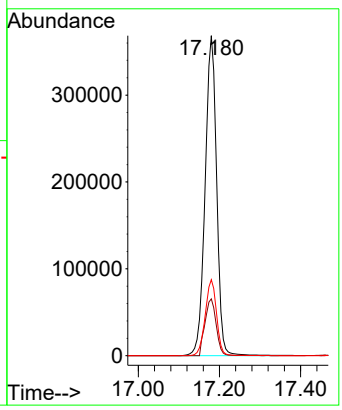




#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:278 Resp: 72475

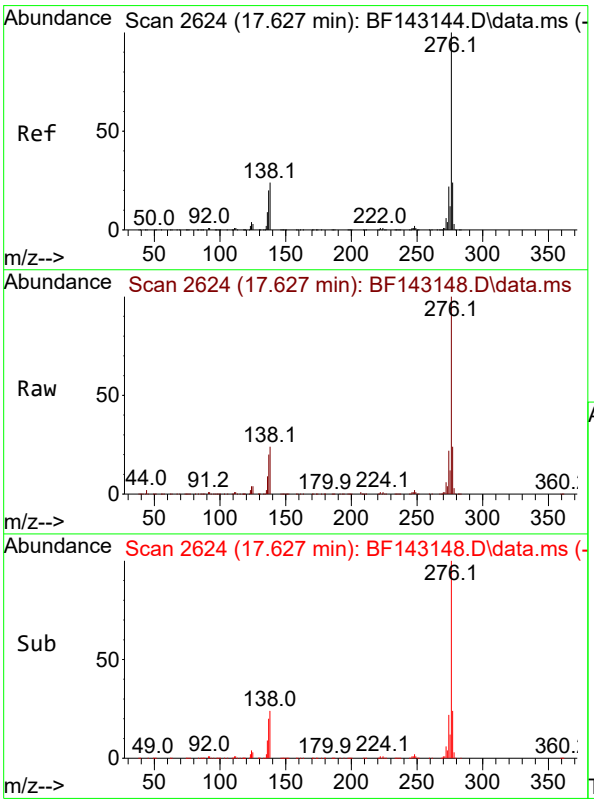
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

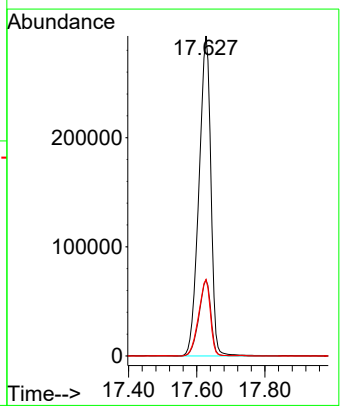
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.9	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2		1,4-Dioxane	0.598	0.576	3.7	83	-0.03
3		Pyridine	1.552	1.576	-1.5	89	-0.02
4		n-Nitrosodimethylamine	0.801	0.817	-2.0	87	-0.02
5	S	2-Fluorophenol	1.264	1.219	3.6	85	0.00
6		Aniline	2.217	2.277	-2.7	89	0.00
7	S	Phenol-d6	1.591	1.554	2.3	86	0.00
8		2-Chlorophenol	1.325	1.375	-3.8	90	0.00
9		Benzaldehyde	1.193	1.117	6.4	67	0.00
10	C	Phenol	1.733	1.769	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	1.327	1.348	-1.6	89	0.00
12		1,3-Dichlorobenzene	1.439	1.454	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	1.449	1.476	-1.9	90	0.00
14		1,2-Dichlorobenzene	1.378	1.430	-3.8	92	0.00
15		Benzyl Alcohol	1.215	1.274	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.545	-3.4	91	0.00
17		2-Methylphenol	1.114	1.153	-3.5	91	0.00
18		Hexachloroethane	0.502	0.526	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	1.029	-0.8	90	0.00
20		3+4-Methylphenols	1.351	1.432	-6.0	92	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.474	0.477	-0.6	91	0.00
23	S	Nitrobenzene-d5	0.401	0.362	9.7	79	0.00
24		Nitrobenzene	0.374	0.390	-4.3	91	0.00
25		Isophorone	0.708	0.718	-1.4	91	0.00
26	C	2-Nitrophenol	0.162	0.182	-12.3	93	0.00
27		2,4-Dimethylphenol	0.331	0.337	-1.8	91	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.424	0.2	90	0.00
29	C	2,4-Dichlorophenol	0.279	0.285	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	0.302	0.306	-1.3	91	0.00
31		Naphthalene	0.985	0.989	-0.4	90	0.00
32		Benzoic acid	0.169	0.181	-7.1	88	0.00
33		4-Chloroaniline	0.402	0.409	-1.7	91	0.00
34	C	Hexachlorobutadiene	0.184	0.190	-3.3	92	0.00
35		Caprolactam	0.084	0.086	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.308	-1.7	89	0.00
37		2-Methylnaphthalene	0.599	0.604	-0.8	91	0.00
38		1-Methylnaphthalene	0.617	0.628	-1.8	91	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.591	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.403	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	0.207	0.207	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.402	-0.5	91	0.00
44		2,4,5-Trichlorophenol	0.400	0.430	-7.5	92	0.00
45	S	2-Fluorobiphenyl	1.462	1.261	13.7	80	0.00
46		1,1'-Biphenyl	1.560	1.601	-2.6	93	0.00
47		2-Chloronaphthalene	1.155	1.160	-0.4	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.362	0.396	-9.4	91	0.00
49		Acenaphthylene	1.935	1.936	-0.1	90	0.00
50		Dimethylphthalate	1.304	1.311	-0.5	89	0.00
51		2,6-Dinitrotoluene	0.265	0.291	-9.8	91	0.00
52	C	Acenaphthene	1.144	1.149	-0.4	91	0.00
53		3-Nitroaniline	0.310	0.333	-7.4	91	0.00
54	P	2,4-Dinitrophenol	0.098	0.113	-15.3	93	0.00
55		Dibenzofuran	1.698	1.697	0.1	90	0.00
56	P	4-Nitrophenol	0.232	0.245	-5.6	86	0.00
57		2,4-Dinitrotoluene	0.333	0.370	-11.1	90	0.00
58		Fluorene	1.274	1.249	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.346	-4.5	90	0.00
60		Diethylphthalate	1.289	1.312	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	0.635	0.641	-0.9	91	0.00
62		4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63		Azobenzene	1.343	1.357	-1.0	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	93	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.709	-0.7	89	0.00
67		4-Bromophenyl-phenylether	0.238	0.243	-2.1	90	0.00
68		Hexachlorobenzene	0.249	0.251	-0.8	88	0.00
69		Atrazine	0.194	0.207	-6.7	89	0.00
70	C	Pentachlorophenol	0.147	0.155	-5.4	88	0.00
71		Phenanthrene	1.062	1.063	-0.1	88	0.00
72		Anthracene	1.083	1.098	-1.4	89	0.00
73		Carbazole	0.946	0.957	-1.2	87	0.00
74		Di-n-butylphthalate	1.070	1.132	-5.8	89	0.00
75	C	Fluoranthene	0.975	0.995	-2.1	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77		Benzidine	0.771	0.833	-8.0	78	0.00
78		Pyrene	1.707	1.703	0.2	89	0.00
79	S	Terphenyl-d14	1.344	1.165	13.3	79	0.00
80		Butylbenzylphthalate	0.523	0.573	-9.6	94	0.00
81		Benzo(a)anthracene	1.339	1.337	0.1	93	0.00
82		3,3'-Dichlorobenzidine	0.446	0.488	-9.4	102	0.00
83		Chrysene	1.204	1.271	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.862	-9.0	98	0.00
85	c	Di-n-octyl phthalate	1.434	1.544	-7.7	100	0.00
86	I	Perylene-d12	1.000	1.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.445	-2.5	98	0.00
88		Benzo(b)fluoranthene	1.222	1.322	-8.2	110	0.00
89		Benzo(k)fluoranthene	1.090	1.023	6.1	87	0.00
90	C	Benzo(a)pyrene	1.126	1.142	-1.4	98	0.00
91		Dibenzo(a,h)anthracene	1.148	1.168	-1.7	98	0.00
92		Benzo(g,h,i)perylene	1.110	1.149	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
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Instrument :
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Quant Time: Jul 17 16:24:49 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	86	0.00
2		1,4-Dioxane	40.000	38.496	3.8	83	-0.03
3		Pyridine	40.000	40.604	-1.5	89	-0.02
4		n-Nitrosodimethylamine	40.000	40.802	-2.0	87	-0.02
5	S	2-Fluorophenol	80.000	77.143	3.6	85	0.00
6		Aniline	40.000	41.078	-2.7	89	0.00
7	S	Phenol-d6	80.000	78.133	2.3	86	0.00
8		2-Chlorophenol	40.000	41.530	-3.8	90	0.00
9		Benzaldehyde	40.000	37.441	6.4	67	0.00
10	C	Phenol	40.000	40.827	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	40.000	40.628	-1.6	89	0.00
12		1,3-Dichlorobenzene	40.000	40.400	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	40.000	40.731	-1.8	90	0.00
14		1,2-Dichlorobenzene	40.000	41.506	-3.8	92	0.00
15		Benzyl Alcohol	40.000	41.958	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.357	-3.4	91	0.00
17		2-Methylphenol	40.000	41.398	-3.5	91	0.00
18		Hexachloroethane	40.000	41.903	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.342	-0.9	90	0.00
20		3+4-Methylphenols	40.000	42.387	-6.0	92	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	40.260	-0.6	91	0.00
23	S	Nitrobenzene-d5	80.000	72.247	9.7	79	0.00
24		Nitrobenzene	40.000	41.731	-4.3	91	0.00
25		Isophorone	40.000	40.567	-1.4	91	0.00
26	C	2-Nitrophenol	40.000	44.896	-12.2	93	0.00
27		2,4-Dimethylphenol	40.000	40.773	-1.9	91	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.939	0.2	90	0.00
29	C	2,4-Dichlorophenol	40.000	40.875	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	40.000	40.551	-1.4	91	0.00
31		Naphthalene	40.000	40.143	-0.4	90	0.00
32		Benzoic acid	40.000	39.782	0.5	88	0.00
33		4-Chloroaniline	40.000	40.671	-1.7	91	0.00
34	C	Hexachlorobutadiene	40.000	41.284	-3.2	92	0.00
35		Caprolactam	40.000	40.959	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.611	-1.5	89	0.00
37		2-Methylnaphthalene	40.000	40.279	-0.7	91	0.00
38		1-Methylnaphthalene	40.000	40.712	-1.8	91	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.944	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.872	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	80.000	79.969	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.253	-0.6	91	0.00
44		2,4,5-Trichlorophenol	40.000	42.989	-7.5	92	0.00
45	S	2-Fluorobiphenyl	80.000	68.992	13.8	80	0.00
46		1,1'-Biphenyl	40.000	41.053	-2.6	93	0.00
47		2-Chloronaphthalene	40.000	40.184	-0.5	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.723	-9.3	91	0.00
49		Acenaphthylene	40.000	40.013	-0.0	90	0.00
50		Dimethylphthalate	40.000	40.218	-0.5	89	0.00
51		2,6-Dinitrotoluene	40.000	43.820	-9.6	91	0.00
52	C	Acenaphthene	40.000	40.176	-0.4	91	0.00
53		3-Nitroaniline	40.000	42.985	-7.5	91	0.00
54	P	2,4-Dinitrophenol	40.000	40.998	-2.5	93	0.00
55		Dibenzofuran	40.000	39.981	0.0	90	0.00
56	P	4-Nitrophenol	40.000	42.344	-5.9	86	0.00
57		2,4-Dinitrotoluene	40.000	44.440	-11.1	90	0.00
58		Fluorene	40.000	39.219	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.743	-4.4	90	0.00
60		Diethylphthalate	40.000	40.729	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	40.000	40.377	-0.9	91	0.00
62		4-Nitroaniline	40.000	41.953	-4.9	86	0.00
63		Azobenzene	40.000	40.414	-1.0	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.869	-4.7	93	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.250	-0.6	89	0.00
67		4-Bromophenyl-phenylether	40.000	40.828	-2.1	90	0.00
68		Hexachlorobenzene	40.000	40.268	-0.7	88	0.00
69		Atrazine	40.000	42.615	-6.5	89	0.00
70	C	Pentachlorophenol	40.000	42.292	-5.7	88	0.00
71		Phenanthrene	40.000	40.026	-0.1	88	0.00
72		Anthracene	40.000	40.557	-1.4	89	0.00
73		Carbazole	40.000	40.476	-1.2	87	0.00
74		Di-n-butylphthalate	40.000	42.330	-5.8	89	0.00
75	C	Fluoranthene	40.000	40.836	-2.1	88	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77		Benzidine	40.000	43.239	-8.1	78	0.00
78		Pyrene	40.000	39.916	0.2	89	0.00
79	S	Terphenyl-d14	80.000	69.333	13.3	79	0.00
80		Butylbenzylphthalate	40.000	43.827	-9.6	94	0.00
81		Benzo(a)anthracene	40.000	39.950	0.1	93	0.00
82		3,3'-Dichlorobenzidine	40.000	43.772	-9.4	102	0.00
83		Chrysene	40.000	42.233	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.578	-8.9	98	0.00
85	c	Di-n-octyl phthalate	40.000	43.077	-7.7	100	0.00
86	I	Perylene-d12	20.000	20.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.983	-2.5	98	0.00
88		Benzo(b)fluoranthene	40.000	43.278	-8.2	110	0.00
89		Benzo(k)fluoranthene	40.000	37.531	6.2	87	0.00
90	C	Benzo(a)pyrene	40.000	40.594	-1.5	98	0.00
91		Dibenzo(a,h)anthracene	40.000	40.710	-1.8	98	0.00
92		Benzo(g,h,i)perylene	40.000	41.394	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025196.D 5 =BP025197.D 10 =BP025198.D 20 =BP025199.D 40 =BP025200.D 50 =BP025201.D 60 =BP025202.D 80 =BP0252
03.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.465	0.448	0.444	0.428	0.465	0.439	0.417	0.444	4.00
3)		Pyridine		1.216	1.139	1.178	1.166	1.258	1.199	1.155	1.188	3.42
4)		n-Nitrosodimet...			0.443	0.468	0.468	0.502	0.481	0.463	0.471	4.16
5)	S	2-Fluorophenol		1.225	1.157	1.200	1.163	1.241	1.183	1.117	1.184	3.58
6)		Aniline		1.917	1.817	1.913	1.926	2.037	1.940	1.864	1.916	3.55
7)	S	Phenol-d6		1.475	1.426	1.477	1.468	1.544	1.473	1.399	1.466	3.11
8)		2-Chlorophenol		1.343	1.287	1.346	1.338	1.421	1.365	1.301	1.343	3.27
9)		Benzaldehyde			0.925	0.954	1.109	1.237	0.994	0.745	0.994	16.85
10)	C	Phenol		1.528	1.464	1.521	1.519	1.613	1.531	1.466	1.520	3.29
11)		bis(2-Chloroet...		1.181	1.125	1.157	1.164	1.243	1.170	1.118	1.166	3.54
12)		1,3-Dichlorobe...		1.563	1.492	1.514	1.493	1.579	1.502	1.429	1.510	3.31
13)	C	1,4-Dichlorobe...		1.574	1.496	1.532	1.506	1.603	1.514	1.447	1.525	3.39
14)		1,2-Dichlorobe...		1.534	1.420	1.461	1.451	1.542	1.456	1.401	1.467	3.65
15)		Benzyl Alcohol			1.000	1.051	1.063	1.123	1.077	1.031	1.057	3.95
16)		2,2'-oxybis(1-...		1.518	1.433	1.497	1.487	1.595	1.483	1.426	1.491	3.79
17)		2-Methylphenol		1.045	1.003	1.053	1.058	1.130	1.065	1.025	1.054	3.77
18)		Hexachloroethane		0.529	0.510	0.517	0.520	0.557	0.530	0.507	0.524	3.19
19)	P	n-Nitroso-di-n...	0.864	0.909	0.837	0.899	0.888	0.949	0.881	0.830	0.882	4.41
20)		3+4-Methylphenols			1.354	1.436	1.440	1.549	1.462	1.386	1.438	4.68
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.468	0.482	0.450	0.490	0.463	0.427	0.465	4.67
23)	S	Nitrobenzene-d5		0.368	0.355	0.369	0.352	0.380	0.363	0.332	0.360	4.24
24)		Nitrobenzene		0.322	0.317	0.326	0.314	0.338	0.325	0.304	0.321	3.34
25)		Isophorone		0.649	0.613	0.647	0.622	0.663	0.635	0.600	0.633	3.51
26)	C	2-Nitrophenol		0.173	0.169	0.183	0.183	0.201	0.194	0.186	0.184	6.05
27)		2,4-Dimethylph...		0.306	0.300	0.312	0.303	0.328	0.314	0.295	0.308	3.53
28)		bis(2-Chloroet...		0.408	0.391	0.406	0.383	0.417	0.399	0.367	0.396	4.34
29)	C	2,4-Dichloroph...		0.314	0.305	0.320	0.313	0.336	0.322	0.306	0.317	3.35
30)		1,2,4-Trichlor...		0.359	0.345	0.349	0.334	0.361	0.347	0.326	0.346	3.58
31)		Naphthalene		1.078	1.018	1.046	0.996	1.070	1.016	0.941	1.023	4.61
32)		Benzoic acid			0.182	0.226	0.235	0.262	0.258	0.249	0.235	12.48
33)		4-Chloroaniline		0.456	0.437	0.456	0.438	0.475	0.462	0.426	0.450	3.75
34)	C	Hexachlorobuta...		0.213	0.205	0.211	0.203	0.217	0.211	0.197	0.208	3.33
35)		Caprolactam			0.099	0.107	0.101	0.112	0.109	0.103	0.105	4.63
36)	C	4-Chloro-3-met...		0.313	0.311	0.322	0.307	0.333	0.324	0.306	0.317	3.23
37)		2-Methylnaphth...		0.687	0.659	0.681	0.646	0.696	0.664	0.620	0.665	3.95
38)		1-Methylnaphth...		0.733	0.692	0.714	0.681	0.732	0.695	0.639	0.698	4.70

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.588	0.601	0.590	0.639	0.597	0.571	0.599	3.54
41)	P	Hexachlorocycl...		0.288	0.329	0.354	0.403	0.392	0.381	0.358	12.18
42)	S	2,4,6-Tribromo...	0.297	0.288	0.298	0.288	0.316	0.296	0.281	0.295	3.77
43)	C	2,4,6-Trichlor...	0.391	0.394	0.412	0.408	0.442	0.416	0.405	0.410	4.09
44)		2,4,5-Trichlor...	0.437	0.438	0.452	0.450	0.478	0.459	0.441	0.451	3.25
45)	S	2-Fluorobiphenyl	1.616	1.525	1.525	1.401	1.486	1.252	1.125	1.419	12.22
46)		1,1'-Biphenyl	1.523	1.474	1.469	1.426	1.502	1.418	1.336	1.450	4.32
47)		2-Chloronaphth...	1.176	1.144	1.126	1.104	1.178	1.123	1.072	1.132	3.37
48)		2-Nitroaniline	0.267	0.274	0.290	0.287	0.319	0.297	0.290	0.289	5.72
49)		Acenaphthylene	1.890	1.843	1.893	1.809	1.958	1.802	1.620	1.831	5.88
50)		Dimethylphthalate	1.515	1.438	1.457	1.378	1.508	1.401	1.315	1.430	5.01
51)		2,6-Dinitrotol...	0.292	0.295	0.312	0.310	0.335	0.321	0.310	0.311	4.80
52)	C	Acenaphthene	1.108	1.069	1.077	1.030	1.127	1.032	0.968	1.059	5.08
53)		3-Nitroaniline	0.328	0.337	0.352	0.342	0.384	0.360	0.350	0.350	5.15
54)	P	2,4-Dinitrophenol		0.133	0.167	0.181	0.211	0.207	0.205	0.184	16.39
55)		Dibenzofuran	1.831	1.721	1.749	1.676	1.784	1.658	1.550	1.710	5.40
56)	P	4-Nitrophenol		0.277	0.299	0.289	0.323	0.313	0.298	0.300	5.57
57)		2,4-Dinitrotol...	0.395	0.402	0.439	0.434	0.482	0.457	0.437	0.435	6.88
58)		Fluorene	1.467	1.383	1.399	1.327	1.413	1.294	1.221	1.358	6.10
59)		2,3,4,6-Tetrac...	0.397	0.380	0.402	0.391	0.427	0.406	0.390	0.399	3.75
60)		Diethylphthalate	1.490	1.408	1.428	1.379	1.504	1.377	1.282	1.410	5.34
61)		4-Chlorophenyl...	0.742	0.707	0.697	0.673	0.704	0.657	0.623	0.686	5.66
62)		4-Nitroaniline	0.335	0.339	0.367	0.346	0.389	0.366	0.353	0.356	5.28
63)		Azobenzene	1.159	1.123	1.169	1.121	1.219	1.156	1.095	1.149	3.53
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.101	0.123	0.132	0.145	0.138	0.136	0.129	12.09
66)	c	n-Nitrosodiphe...	0.637	0.617	0.625	0.601	0.634	0.596	0.539	0.607	5.56
67)		4-Bromophenyl-...	0.234	0.231	0.233	0.233	0.248	0.235	0.220	0.233	3.51
68)		Hexachlorobenzene	0.282	0.275	0.281	0.280	0.289	0.276	0.257	0.277	3.70
69)		Atrazine	0.222	0.223	0.230	0.221	0.239	0.226	0.212	0.225	3.79
70)	C	Pentachlorophenol		0.170	0.187	0.190	0.203	0.196	0.185	0.188	5.87
71)		Phenanthrene	1.158	1.116	1.115	1.070	1.112	1.047	0.932	1.079	6.85
72)		Anthracene	1.140	1.130	1.142	1.083	1.161	1.065	0.885	1.087	8.77
73)		Carbazole	1.095	1.071	1.086	1.029	1.101	1.004	0.875	1.037	7.70
74)		Di-n-butylphth...	1.264	1.248	1.288	1.211	1.300	1.145	0.923	1.197	11.01
75)	C	Fluoranthene	1.350	1.343	1.337	1.252	1.306	1.185	1.114	1.270	7.15
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.783	0.846	0.716	0.626	0.531	0.702	15.92
78)		Pyrene	1.316	1.229	1.273	1.258	1.279	1.187	1.090	1.233	6.09
79)	S	Terphenyl-d14	1.209	1.162	1.127	0.890	0.967	0.724		1.013	18.40
80)		Butylbenzylpht...	0.558	0.536	0.560	0.564	0.587	0.566	0.537	0.558	3.17
81)		Benzo(a)anthra...	1.339	1.289	1.311	1.244	1.322	1.221	1.115	1.263	6.14
82)		3,3'-Dichlorob...		0.524	0.550	0.509	0.550	0.525	0.483	0.524	4.89
83)		Chrysene	1.254	1.202	1.215	1.159	1.236	1.147	1.040	1.179	6.13
84)		Bis(2-ethylhex...	0.828	0.801	0.817	0.802	0.840	0.780	0.719	0.798	5.02
85)	c	Di-n-octyl pht...		1.368	1.457	1.384	1.492	1.354	1.214	1.378	7.01

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.498	1.428	1.461	1.426	1.540	1.460	1.417	1.462	3.02
88)		Benzo(b)fluora...	1.200	1.164	1.149	1.132	1.187	1.123	1.059	1.145	4.11
89)		Benzo(k)fluora...	1.191	1.117	1.148	1.134	1.201	1.118	1.003	1.130	5.77
90)	C	Benzo(a)pyrene	1.144	1.099	1.131	1.103	1.183	1.108	1.050	1.117	3.73
91)		Dibenzo(a,h)an...	1.216	1.181	1.205	1.175	1.251	1.190	1.128	1.192	3.20
92)		Benzo(g,h,i)pe...	1.211	1.141	1.178	1.150	1.226	1.163	1.135	1.172	2.99

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

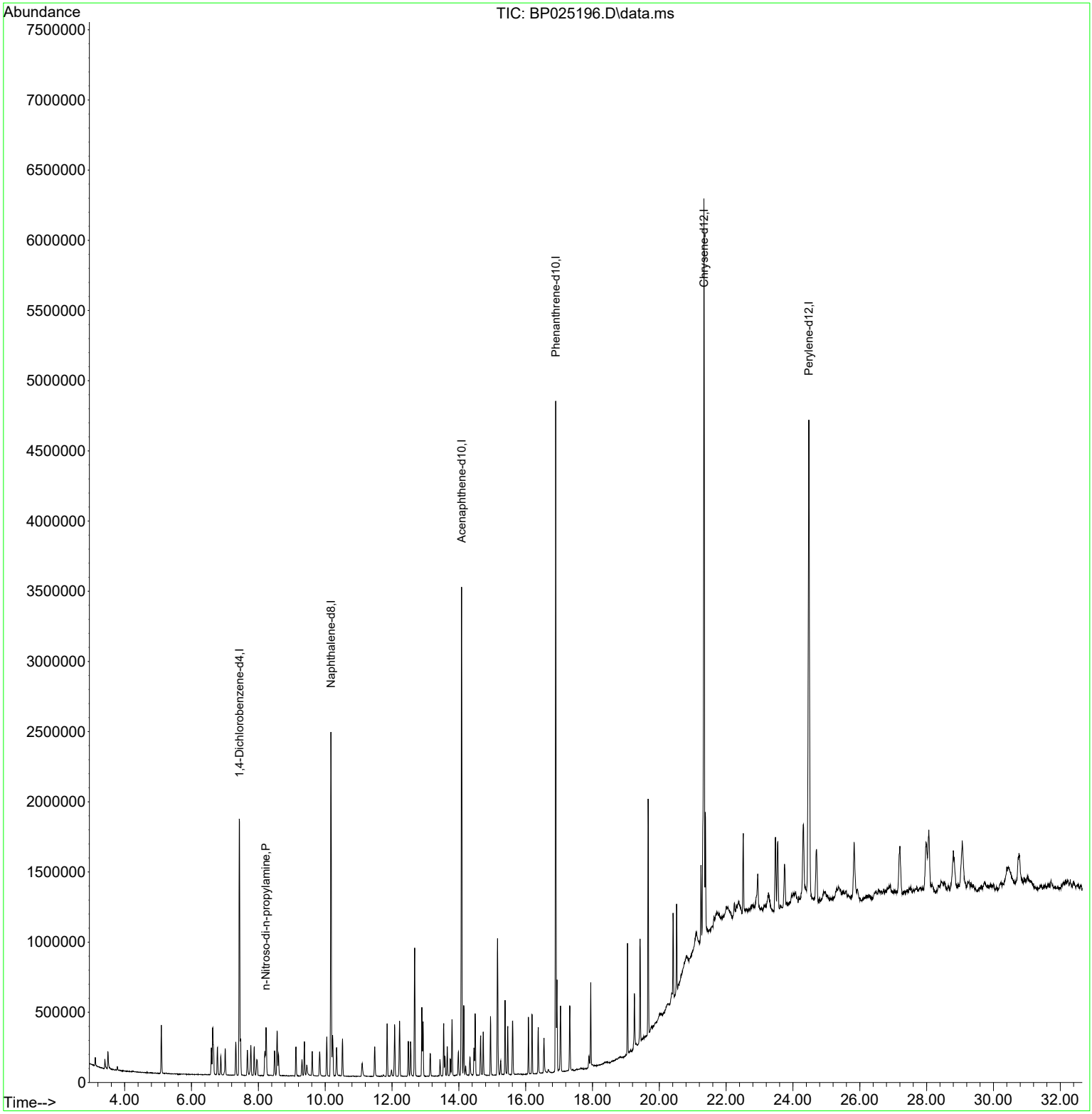
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	519487	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2005408	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1311001	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2604517	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2930579	20.000	ng	0.01
86) Perylene-d12	24.477	264	3527222	20.000	ng	0.02
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...	8.225	70	56086	2.424	ng	99

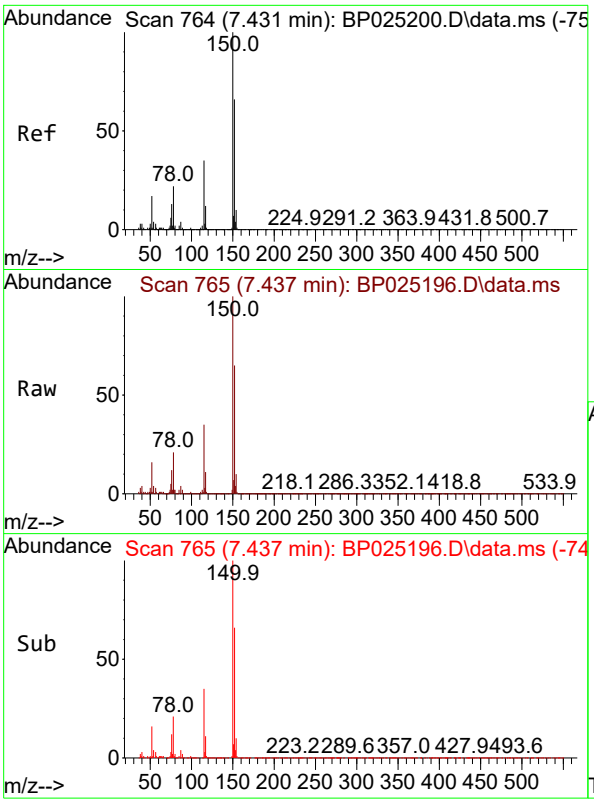
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



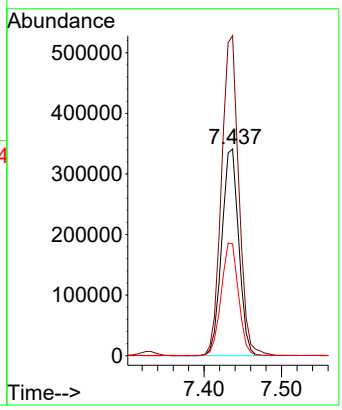


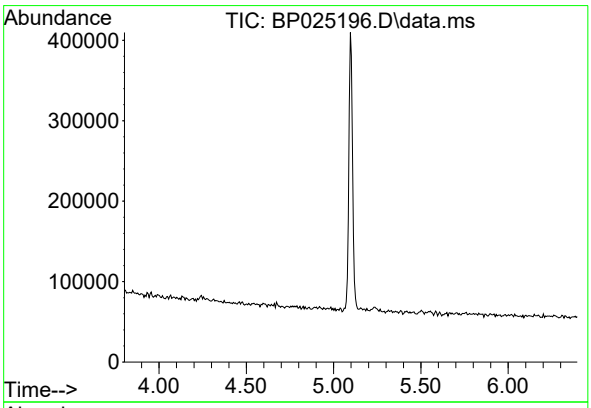
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 519487

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.9	182.9
115	54.1	43.0	64.6



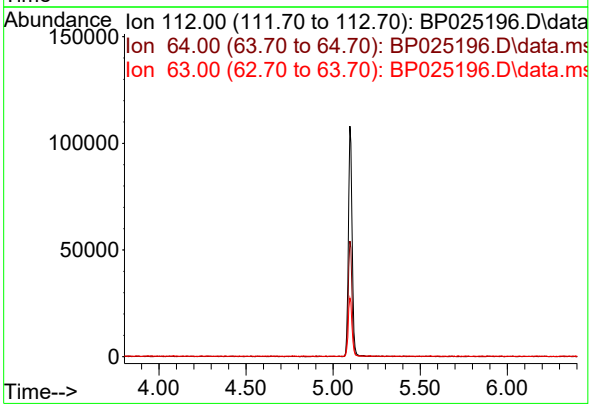


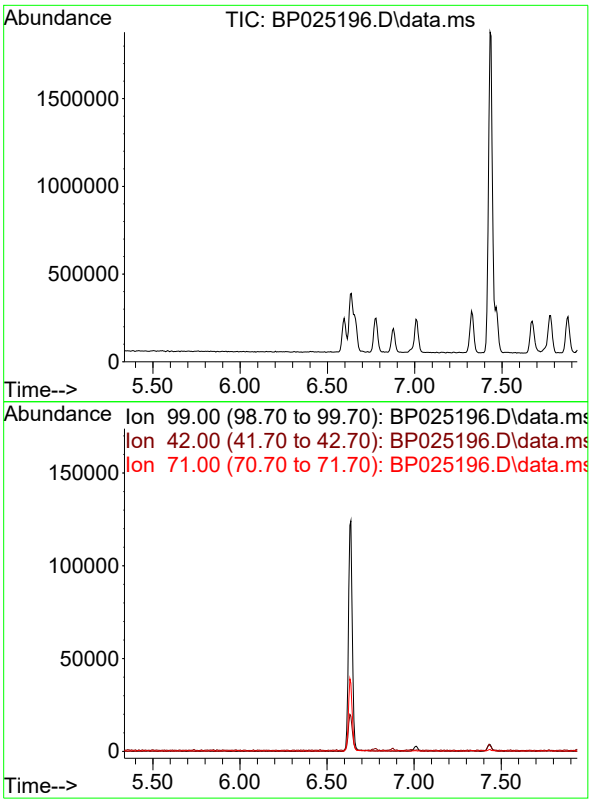
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.7
63	25.6





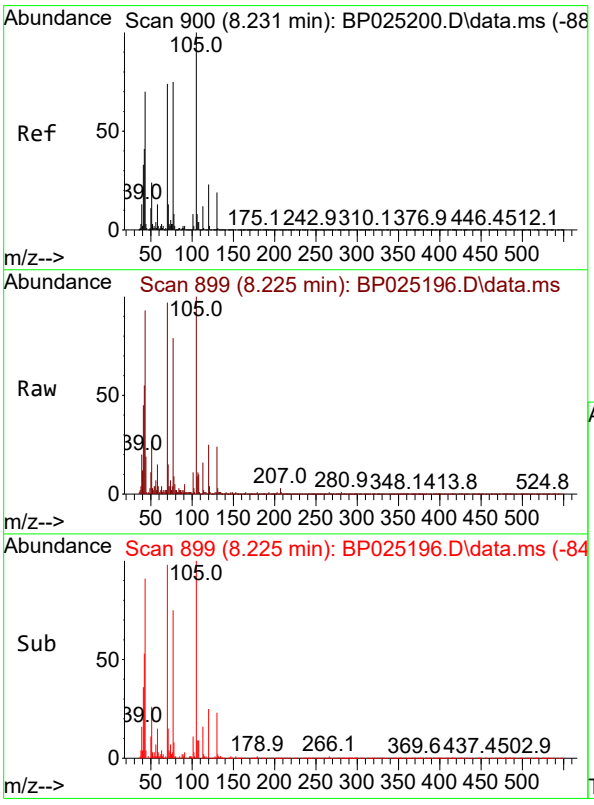
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

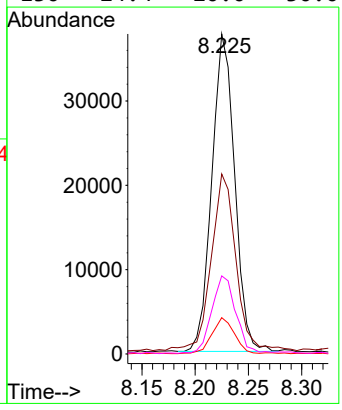
Sig	Exp Ratio
99	100
42	15.6
71	30.2

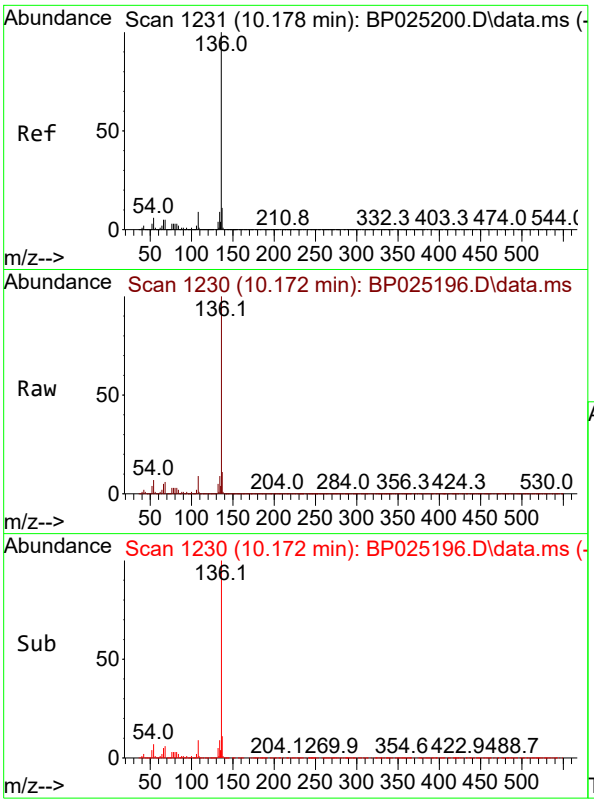


#19
n-Nitroso-di-n-propylamine
Concen: 2.424 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 70 Resp: 56086

Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.2	66.2
101	11.4	8.6	12.8
130	24.4	20.0	30.0



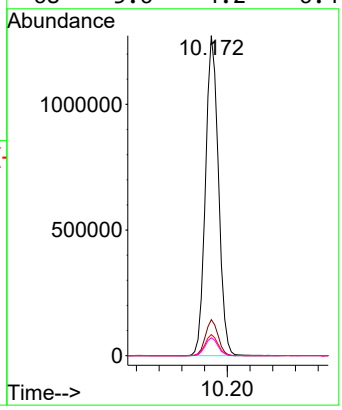


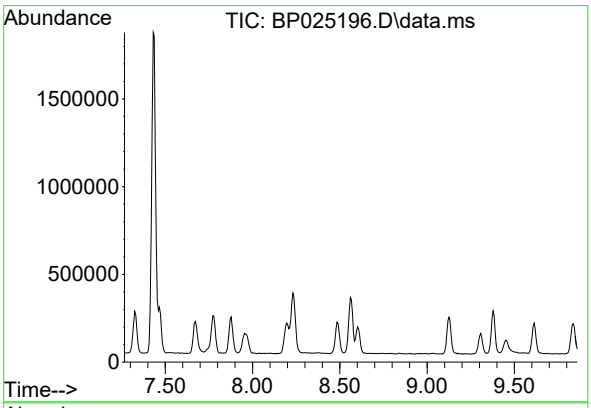
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 2005408

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4



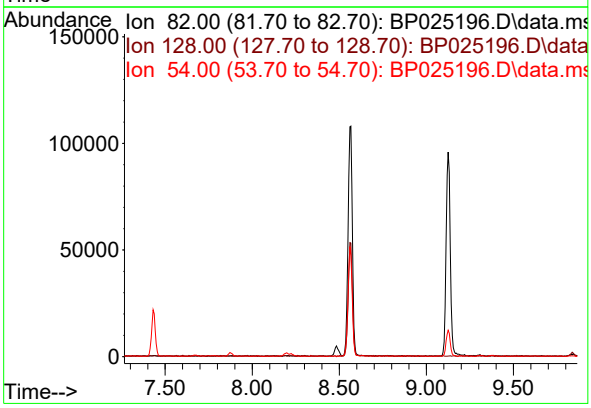


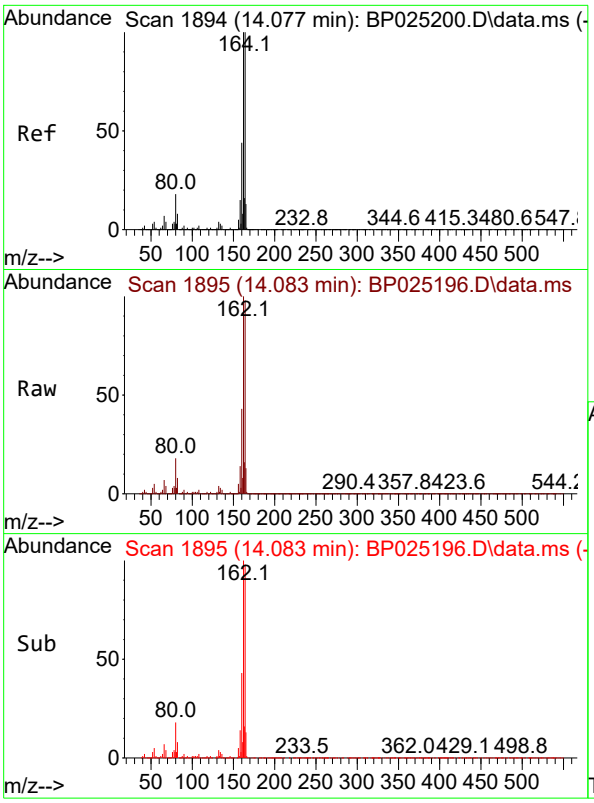
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	50.3
54	45.4



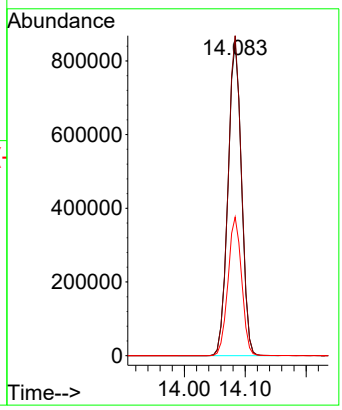


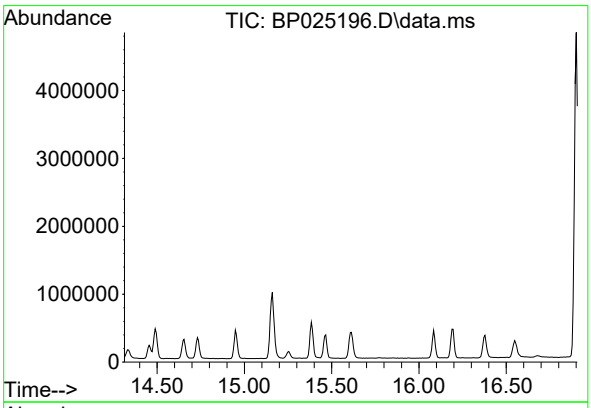
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 1311001

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	44.2	35.7	53.5



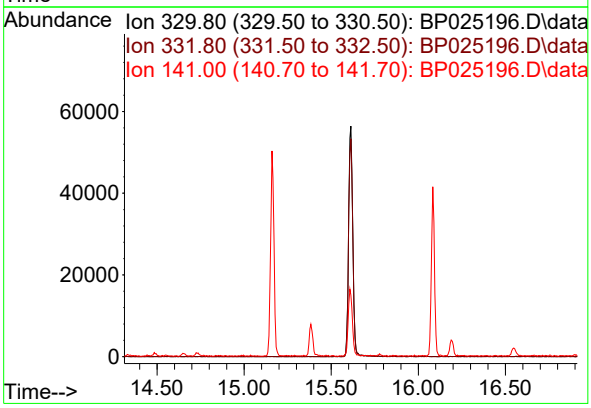


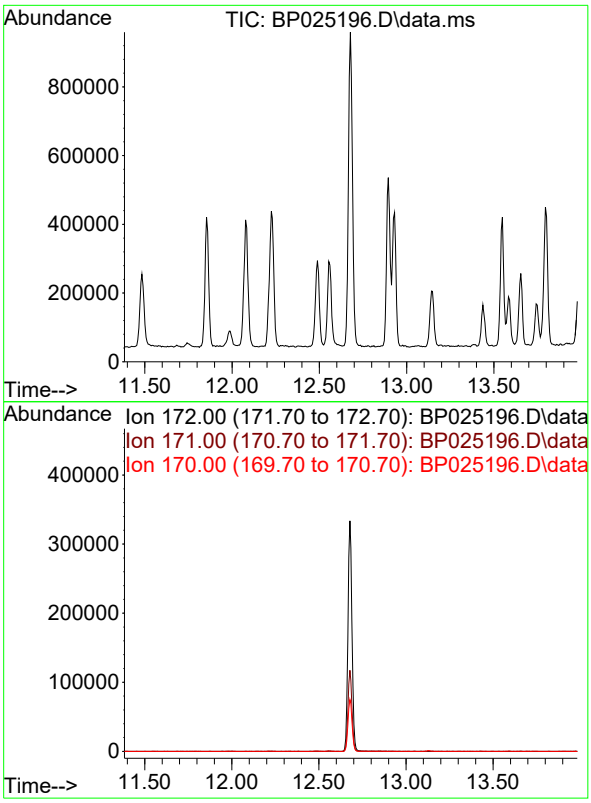
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.61 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	28.0





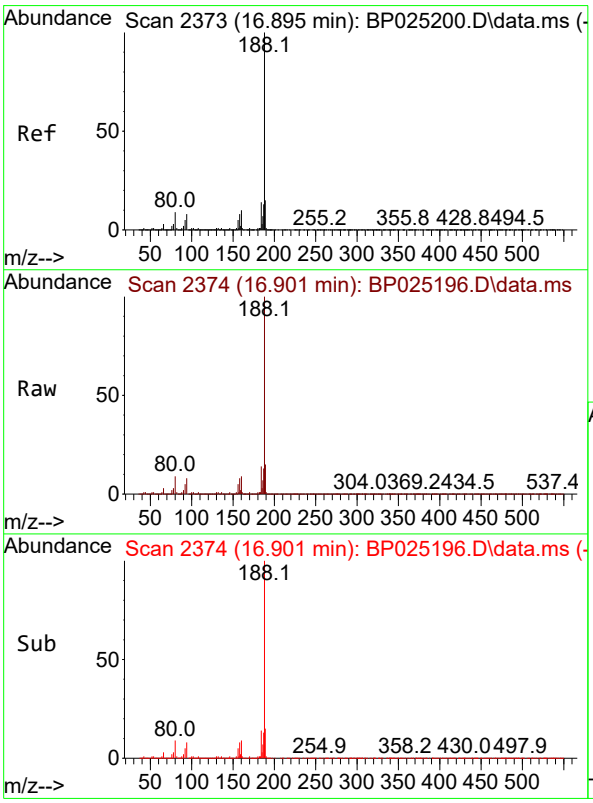
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.68 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

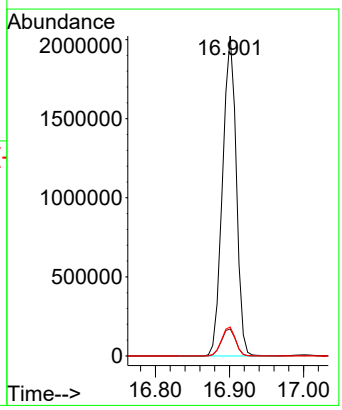
Sig	Exp Ratio
172	100
171	36.0
170	24.0

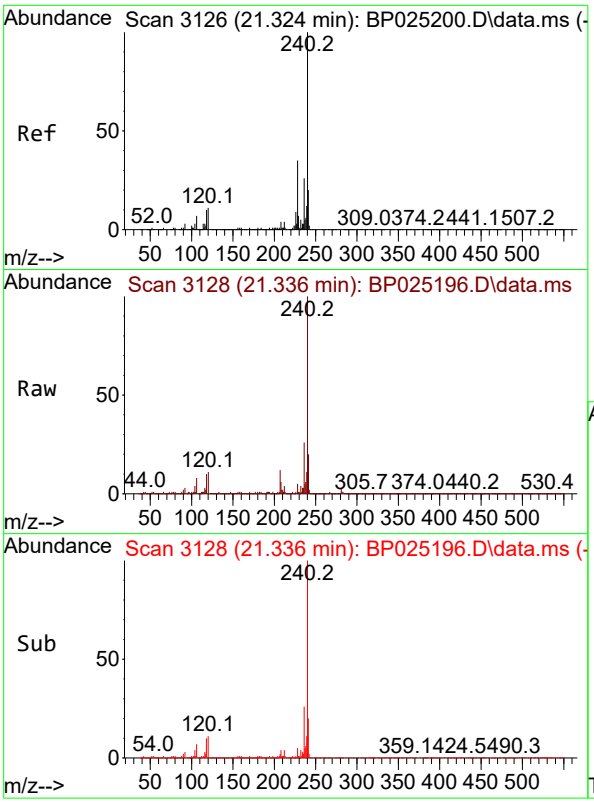


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion:188 Resp: 2604517

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.3	10.9



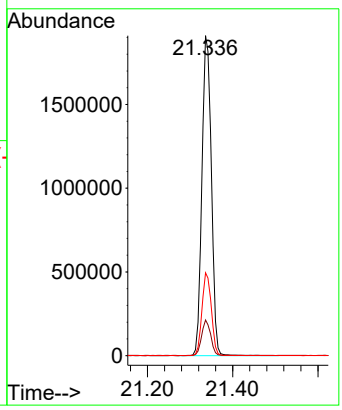


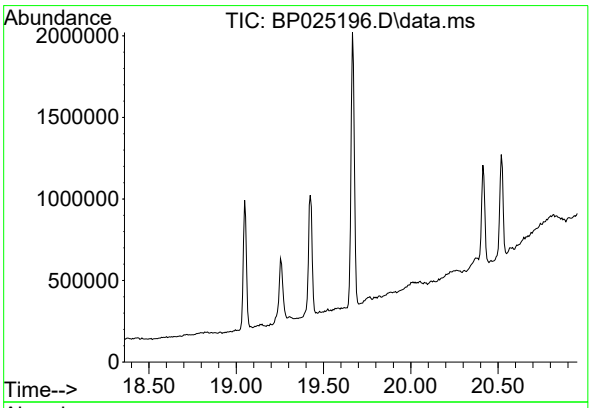
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2930579

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.9	20.9	31.3



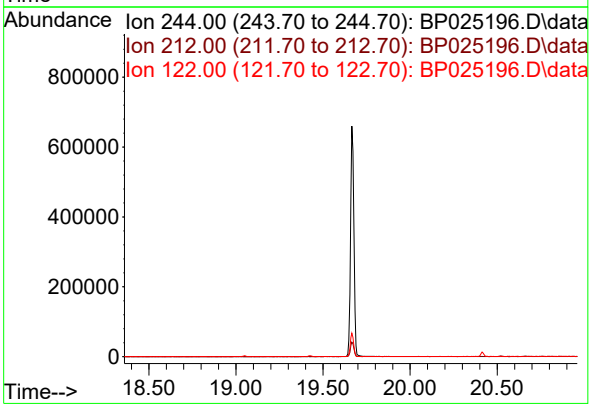


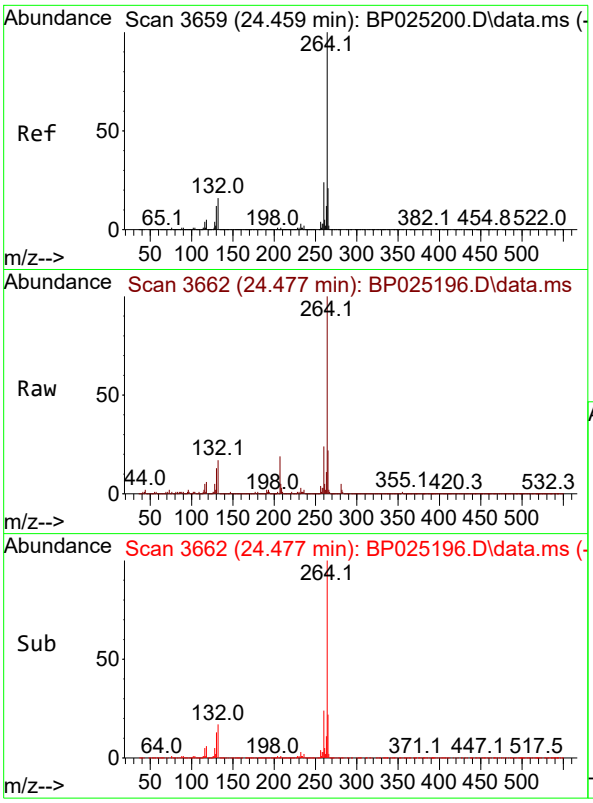
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.2
122	12.9



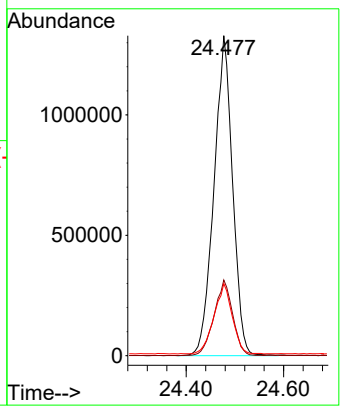


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 3527222

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.5	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	501148	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1993468	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1309068	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2636351	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2873366	20.000	ng	0.01
86) Perylene-d12	24.454	264	3311045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	306866	10.229	ng	0.00
7) Phenol-d6	6.631	99	369676	9.982	ng	0.00
23) Nitrobenzene-d5	8.560	82	366442	10.078	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	194693	10.002	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	1057796	10.698	ng	0.00
79) Terphenyl-d14	19.660	244	1736355	11.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	58261	5.168	ng	98
3) Pyridine	3.502	79	152389	5.103	ng	98
6) Aniline	6.778	93	240191	4.987	ng	100
8) 2-Chlorophenol	7.008	128	168204	4.983	ng	100
10) Phenol	6.655	94	191463	4.997	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	147992	5.030	ng	99
12) 1,3-Dichlorobenzene	7.325	146	195840	5.114	ng	100
13) 1,4-Dichlorobenzene	7.466	146	197217	5.103	ng	100
14) 1,2-Dichlorobenzene	7.772	146	192220	5.177	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	190207	5.040	ng	99
17) 2-Methylphenol	7.878	107	130912	4.939	ng	100
18) Hexachloroethane	8.484	117	66324	5.026	ng	96
19) n-Nitroso-di-n-propyla...	8.225	70	113871	5.102	ng	96
22) Acetophenone	8.237	105	238513	5.052	ng	99
24) Nitrobenzene	8.602	77	160535	4.982	ng	97
25) Isophorone	9.125	82	323606	5.082	ng	99
26) 2-Nitrophenol	9.302	139	86302	4.758	ng	96
27) 2,4-Dimethylphenol	9.378	122	152482	4.939	ng	96
28) bis(2-Chloroethoxy)met...	9.607	93	203537	5.091	ng	100
29) 2,4-Dichlorophenol	9.831	162	156480	4.941	ng	99
30) 1,2,4-Trichlorobenzene	10.043	180	178685	5.128	ng	99
31) Naphthalene	10.219	128	537289	5.175	ng	100
33) 4-Chloroaniline	10.337	127	227222	5.041	ng	99
34) Hexachlorobutadiene	10.519	225	106389	5.084	ng	99
36) 4-Chloro-3-methylphenol	11.478	107	156207	4.939	ng	99
37) 2-Methylnaphthalene	11.854	142	342320	5.098	ng	99
38) 1-Methylnaphthalene	12.078	142	365319	5.158	ng	100
40) 1,2,4,5-Tetrachloroben...	12.231	216	199889	5.042	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	127876	4.774	ng	98
44) 2,4,5-Trichlorophenol	12.554	196	143015	4.844	ng	99
46) 1,1'-Biphenyl	12.896	154	498351	5.148	ng	98
47) 2-Chloronaphthalene	12.931	162	384841	5.132	ng	99
48) 2-Nitroaniline	13.137	65	87405	4.646	ng	99
49) Acenaphthylene	13.790	152	618618	5.030	ng	100
50) Dimethylphthalate	13.543	163	495773	5.191	ng	99
51) 2,6-Dinitrotoluene	13.648	165	95645	4.731	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.148	154	362769	5.121	ng	100
53) 3-Nitroaniline	13.984	138	107353	4.706	ng	96
55) Dibenzofuran	14.490	168	599358	5.225	ng	98
57) 2,4-Dinitrotoluene	14.448	165	129201	4.587	ng	97
58) Fluorene	15.154	166	480256	5.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	129817	4.967	ng	99
60) Diethylphthalate	14.948	149	487535	5.166	ng	100
61) 4-Chlorophenyl-phenyle...	15.154	204	242941	5.269	ng	99
62) 4-Nitroaniline	15.160	138	109472	4.709	ng	98
63) Azobenzene	15.460	77	379326	5.004	ng	97
66) n-Nitrosodiphenylamine	15.384	169	419927	5.115	ng	100
67) 4-Bromophenyl-phenylether	16.084	248	154137	4.959	ng	100
68) Hexachlorobenzene	16.189	284	186075	5.013	ng	96
69) Atrazine	16.366	200	146525	4.896	ng	98
71) Phenanthrene	16.936	178	763302	5.196	ng	99
72) Anthracene	17.031	178	751628	5.040	ng	99
73) Carbazole	17.313	167	721457	5.085	ng	99
74) Di-n-butylphthalate	17.942	149	832835	5.006	ng	99
75) Fluoranthene	19.048	202	889535	5.122	ng	99
78) Pyrene	19.425	202	945415	5.177	ng	99
80) Butylbenzylphthalate	20.407	149	400726	4.973	ng	98
81) Benzo(a)anthracene	21.319	228	961933	5.147	ng	99
83) Chrysene	21.377	228	900450	5.166	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	594951	5.064	ng	98
87) Indeno(1,2,3-cd)pyrene	27.971	276	1239593m	5.093	ng	
88) Benzo(b)fluoranthene	23.466	252	993434	5.145	ng	99
89) Benzo(k)fluoranthene	23.536	252	985473	5.140	ng	99
90) Benzo(a)pyrene	24.307	252	947324	5.054	ng	99
91) Dibenzo(a,h)anthracene	28.042	278	1006331	5.042	ng	98
92) Benzo(g,h,i)perylene	29.036	276	1002521	5.127	ng	99

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

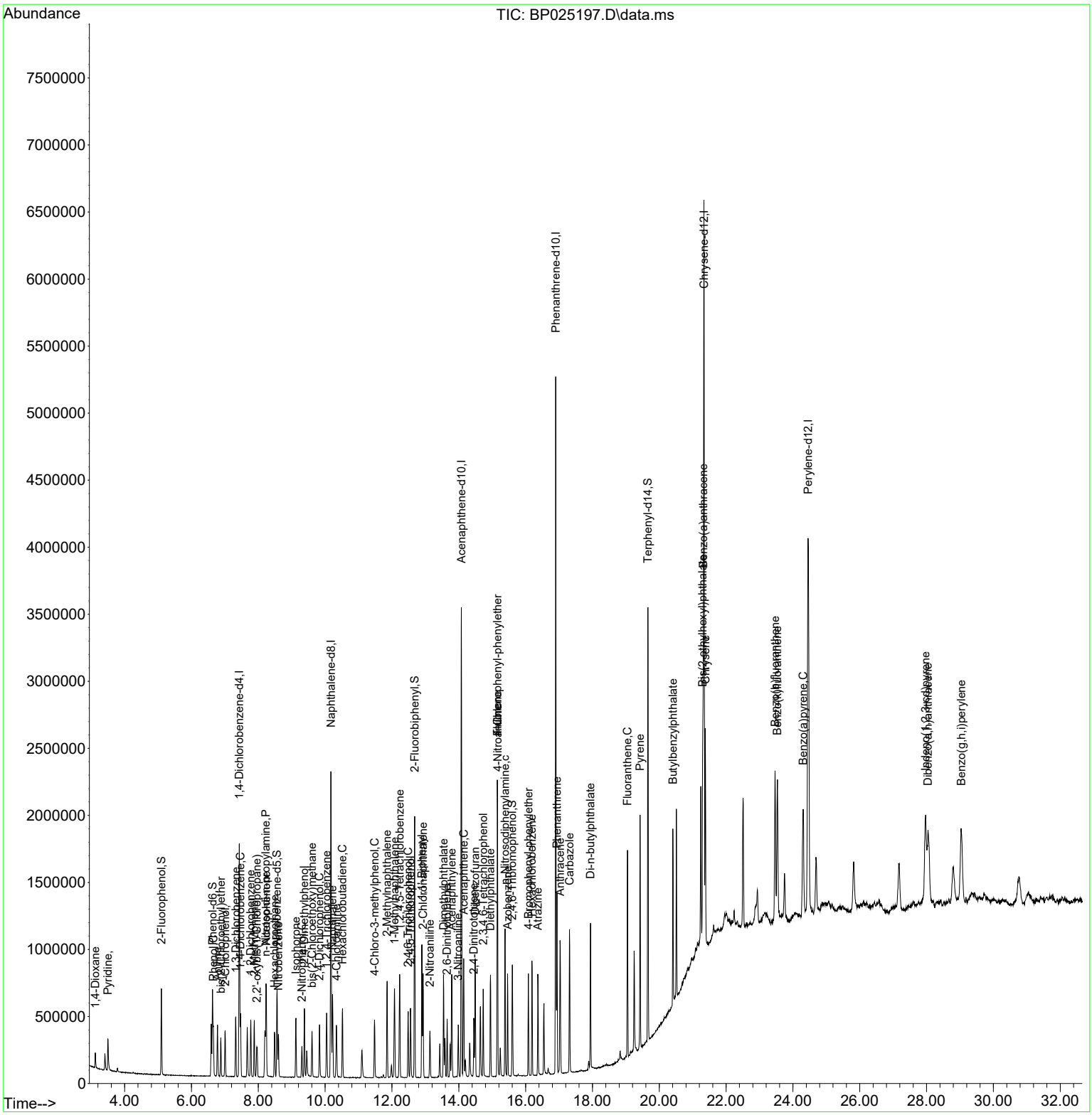
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

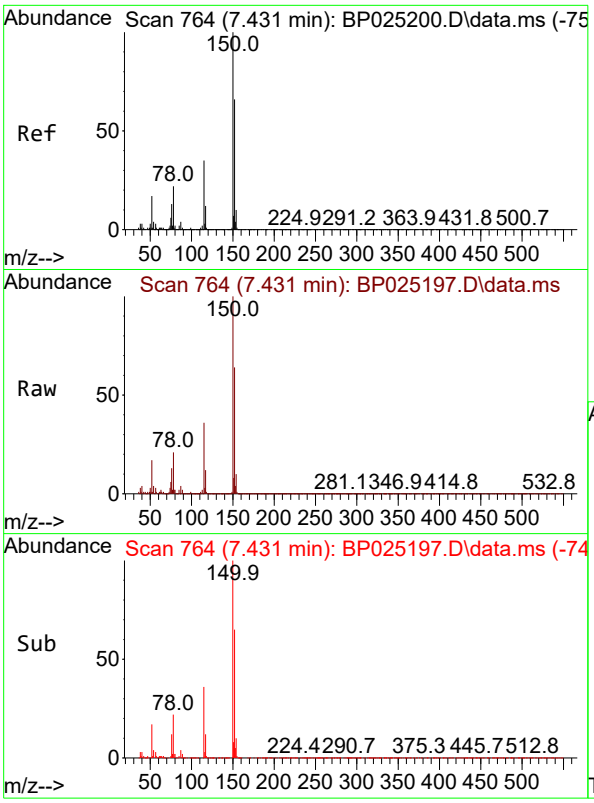
Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

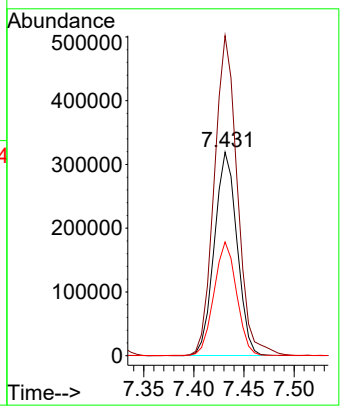




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 50114

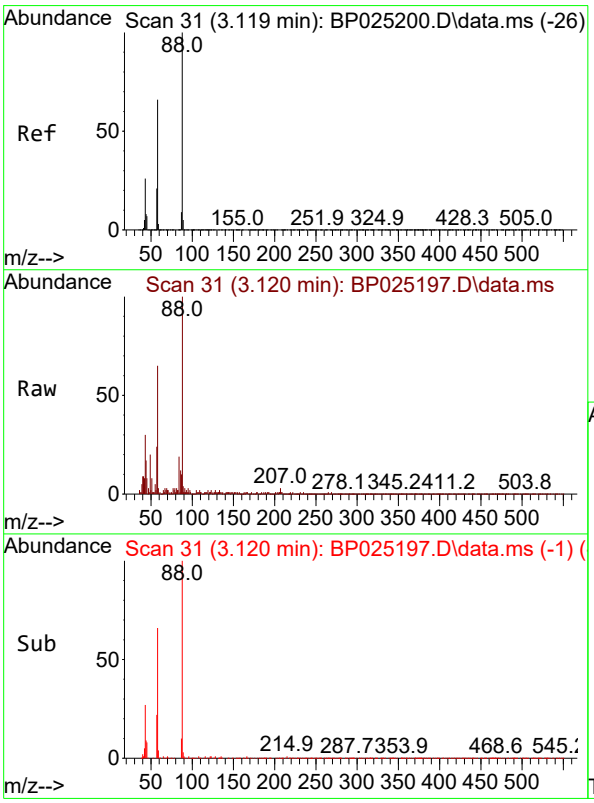
Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.9	182.9
115	55.9	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

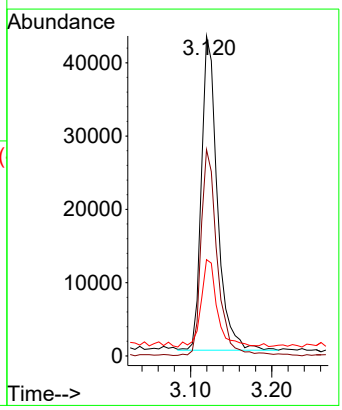
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

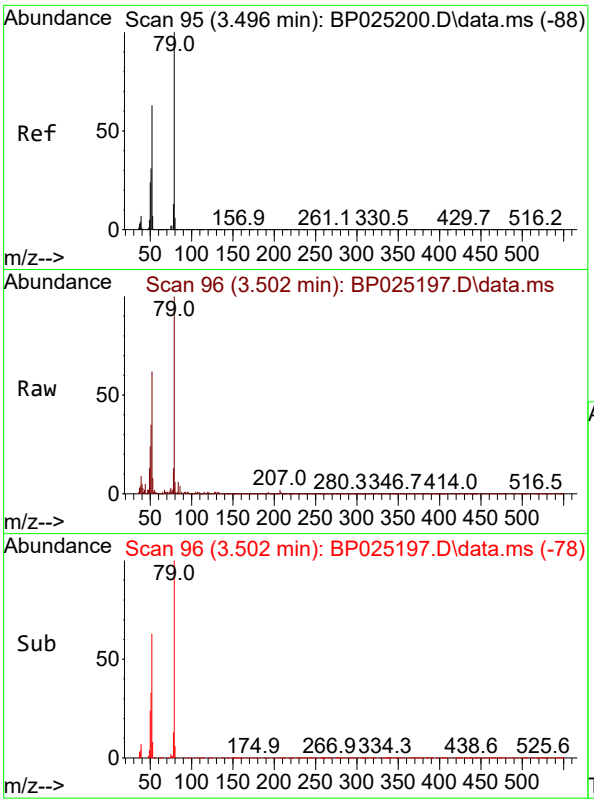


#2
1,4-Dioxane
Concen: 5.168 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 88 Resp: 58261

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	28.5	20.8	31.2

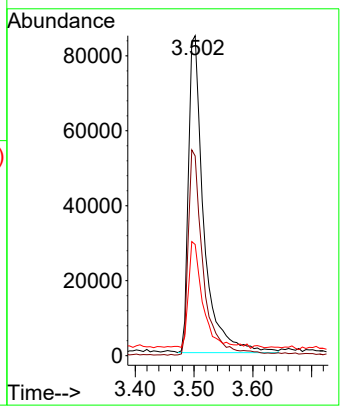




#3
Pyridine
Concen: 5.103 ng
RT: 3.502 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 79 Resp: 15238

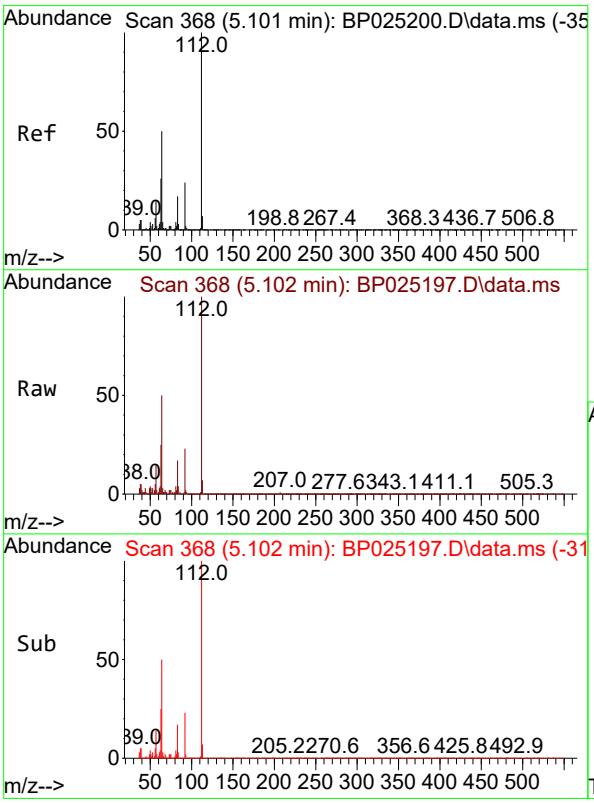
Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	34.7	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

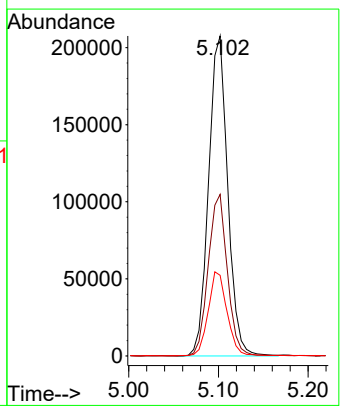
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

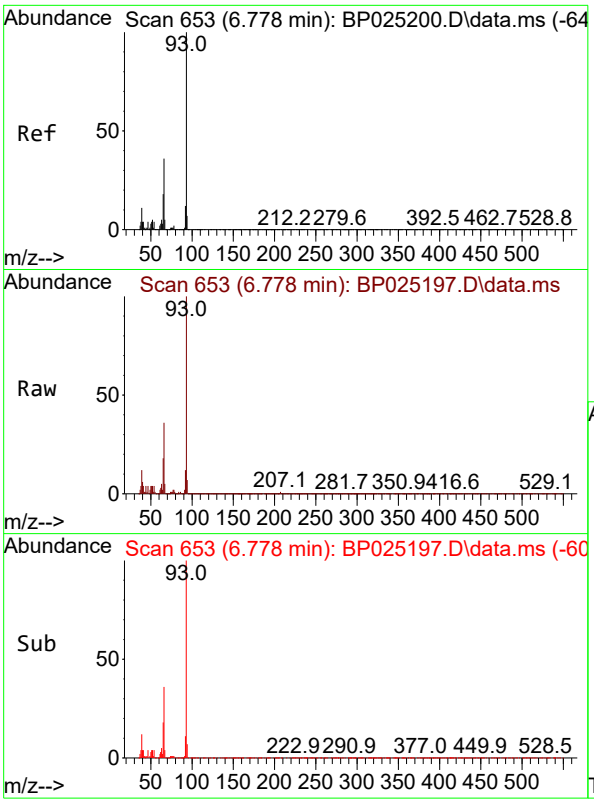


#5
2-Fluorophenol
Concen: 10.229 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:112 Resp: 306866

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.8	59.6
63	25.2	20.5	30.7

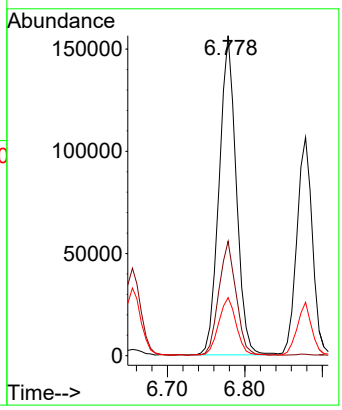




#6
Aniline
Concen: 4.987 ng
RT: 6.778 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 24019

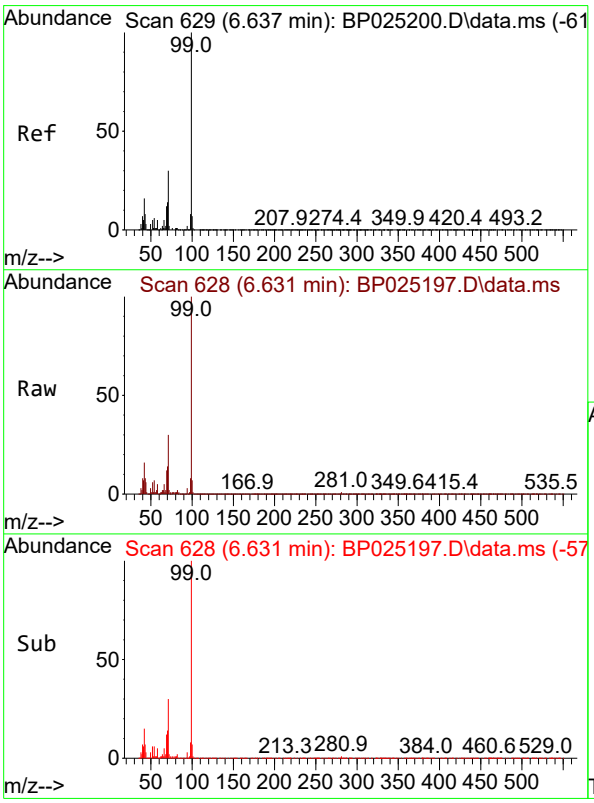
Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.1	14.6	21.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

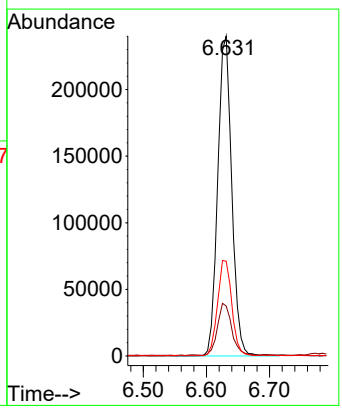
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

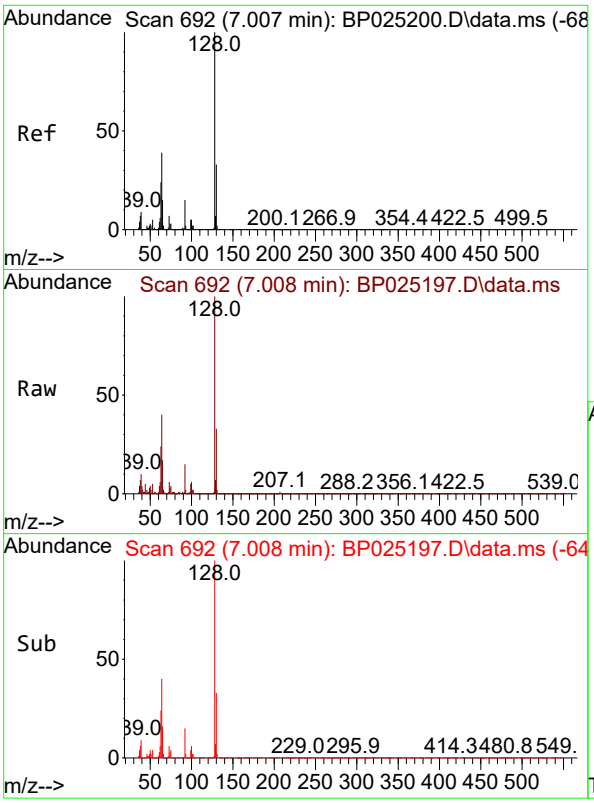


#7
Phenol-d6
Concen: 9.982 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 99 Resp: 369676

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	29.6	24.2	36.2

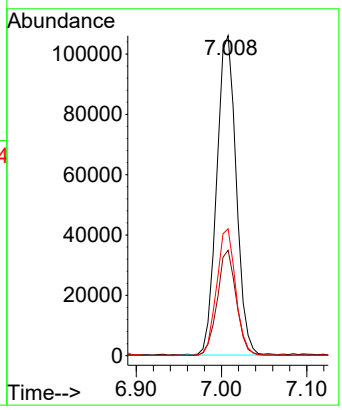




#8
2-Chlorophenol
Concen: 4.983 ng
RT: 7.008 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 16820

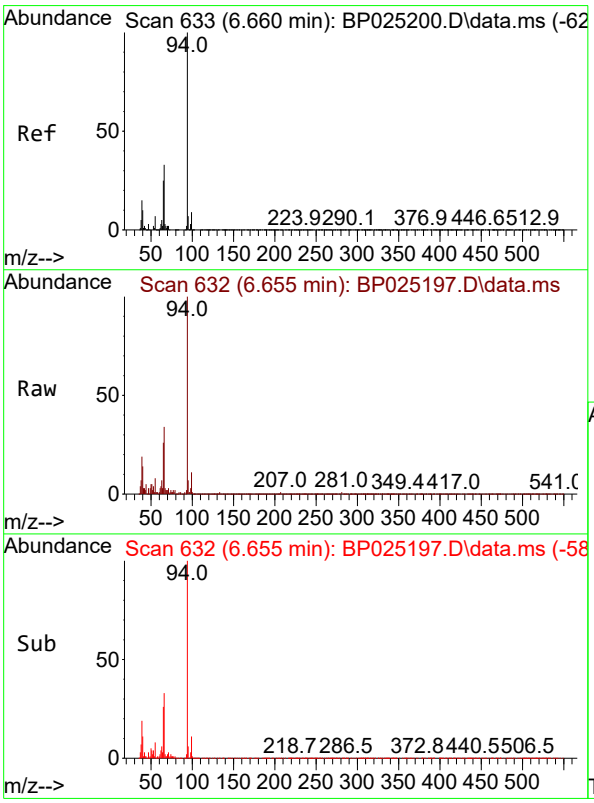
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	39.6	19.2	59.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

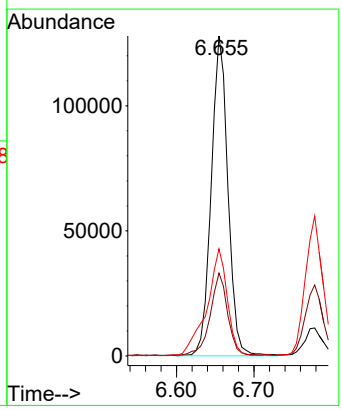
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

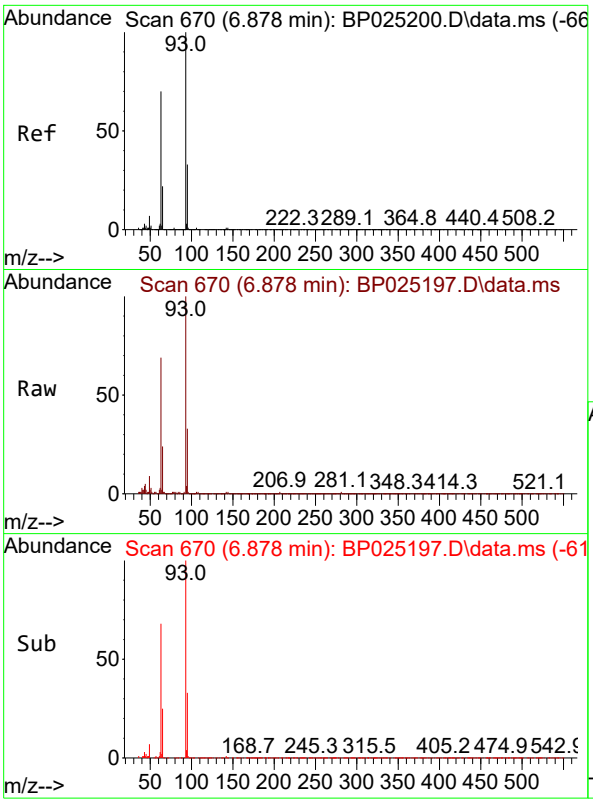


#10
Phenol
Concen: 4.997 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 94 Resp: 191463

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.5	13.5	53.5

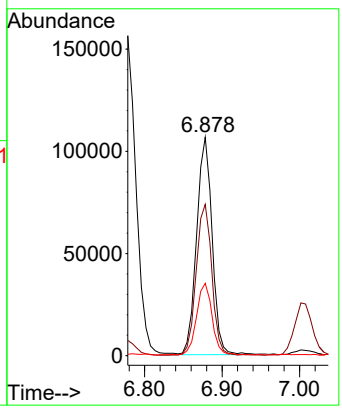




#11
bis(2-Chloroethyl)ether
Concen: 5.030 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 14799

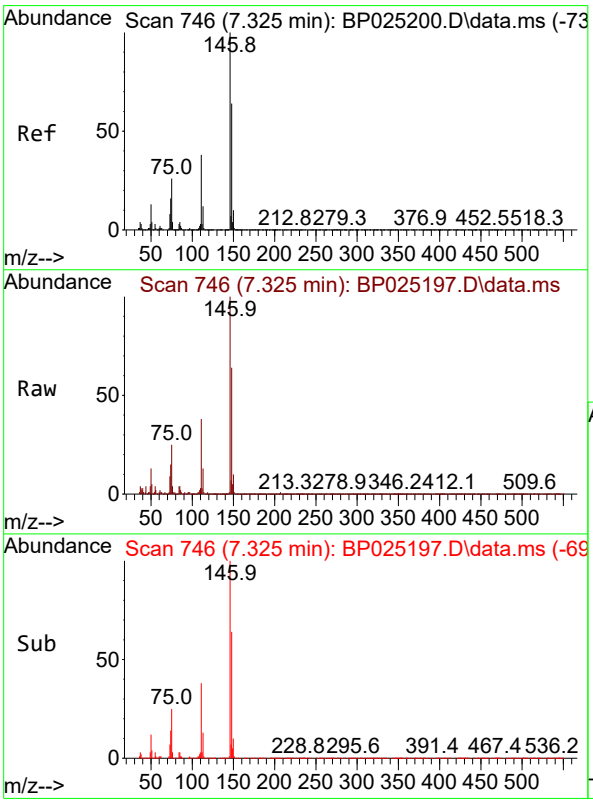
Ion	Ratio	Lower	Upper
93	100		
63	69.3	50.0	90.0
95	33.1	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

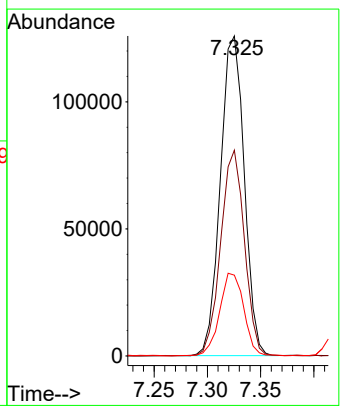
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

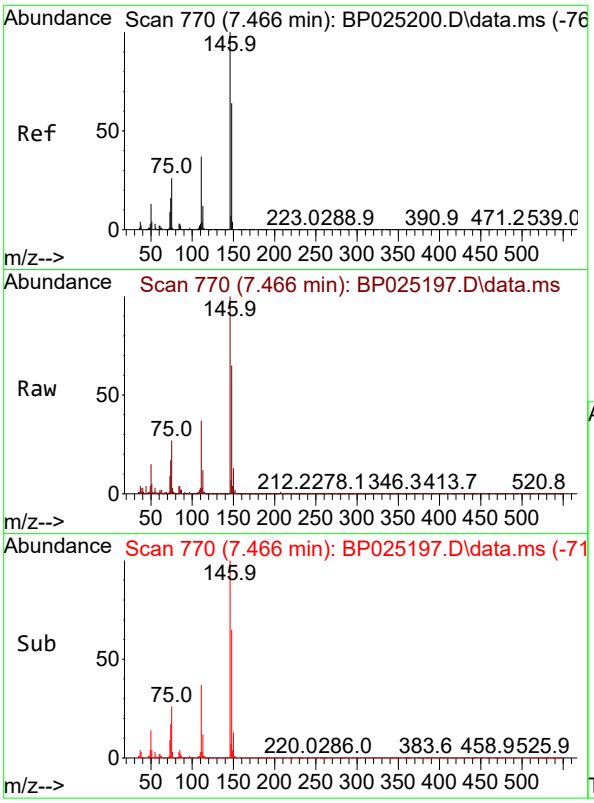


#12
1,3-Dichlorobenzene
Concen: 5.114 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 195840

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	25.2	20.6	31.0

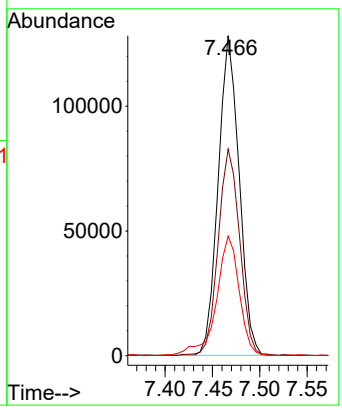




#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 19721

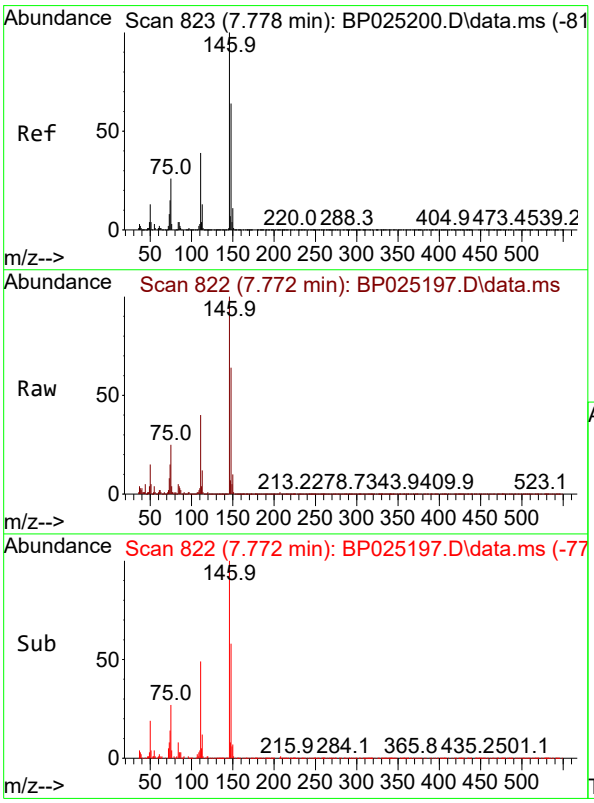
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	37.4	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

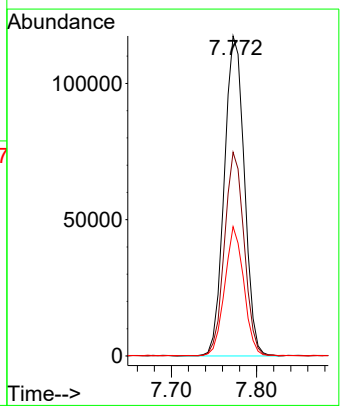
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

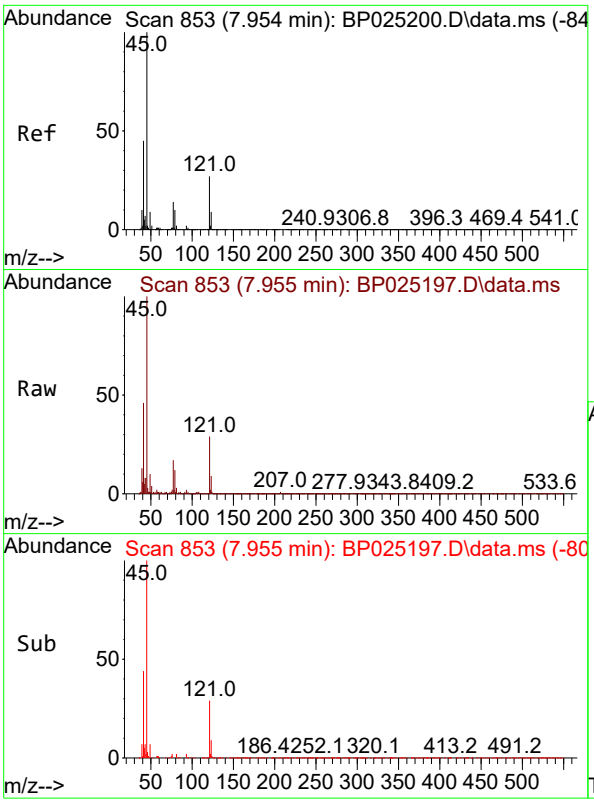


#14
1,2-Dichlorobenzene
Concen: 5.177 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 192220

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	40.4	31.3	46.9

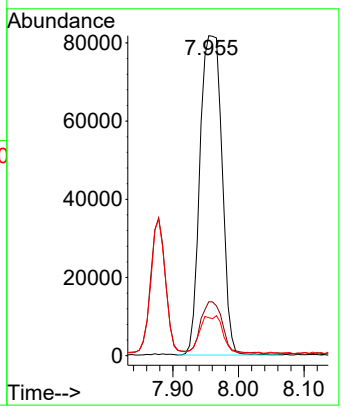




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng
RT: 7.955 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 45 Resp: 19020

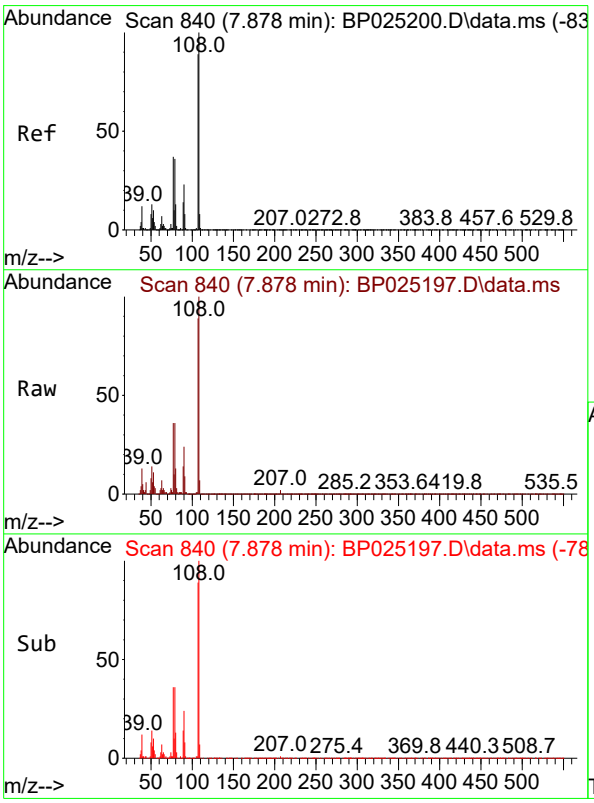
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.0
79	11.9	0.0	31.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

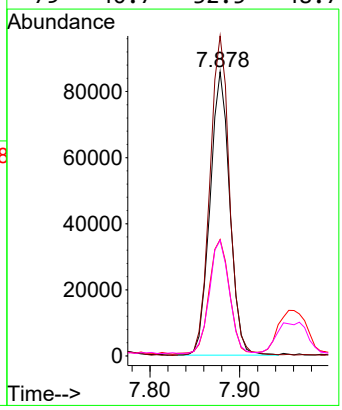
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

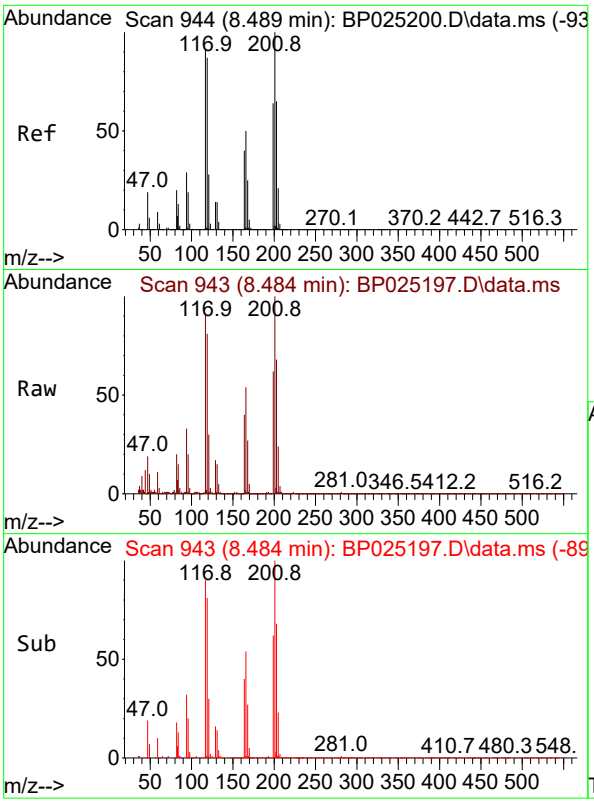


#17
2-Methylphenol
Concen: 4.939 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 130912

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7

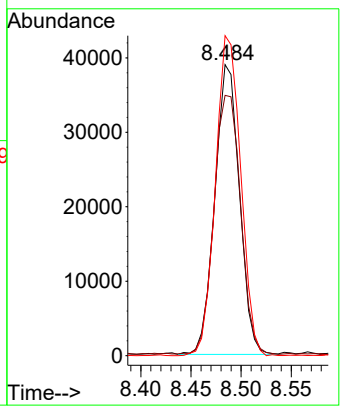




#18
Hexachloroethane
Concen: 5.026 ng
RT: 8.484 min Scan# 94
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:117 Resp: 6632

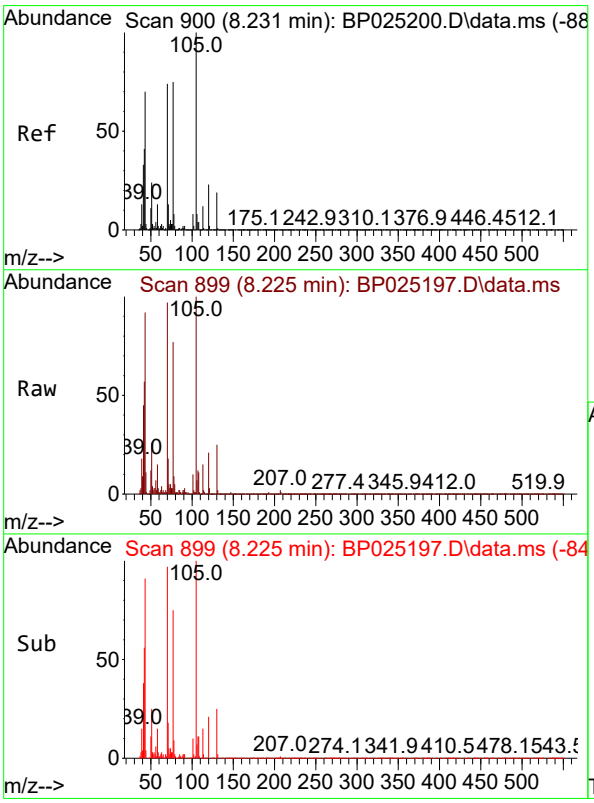
Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.0	115.6
201	109.9	88.3	132.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

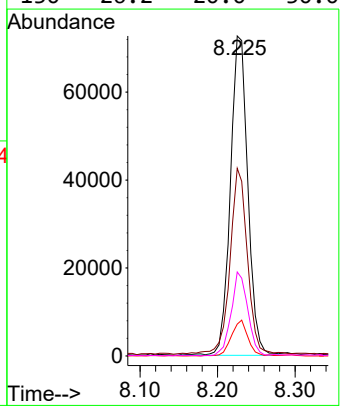
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

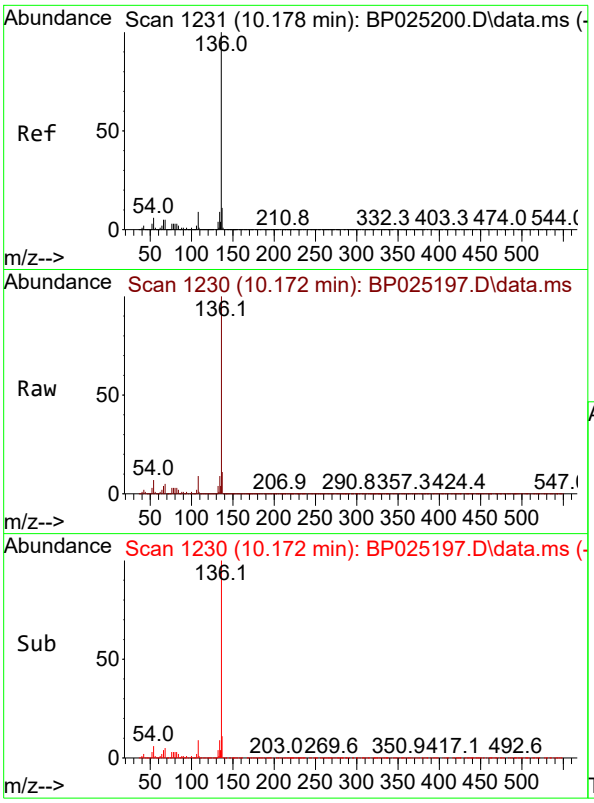


#19
n-Nitroso-di-n-propylamine
Concen: 5.102 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 70 Resp: 113871

Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.2	66.2
101	9.9	8.6	12.8
130	26.2	20.0	30.0

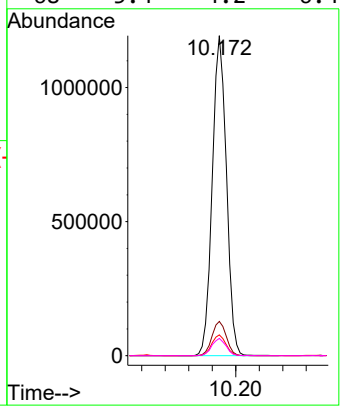




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:136 Resp: 199346

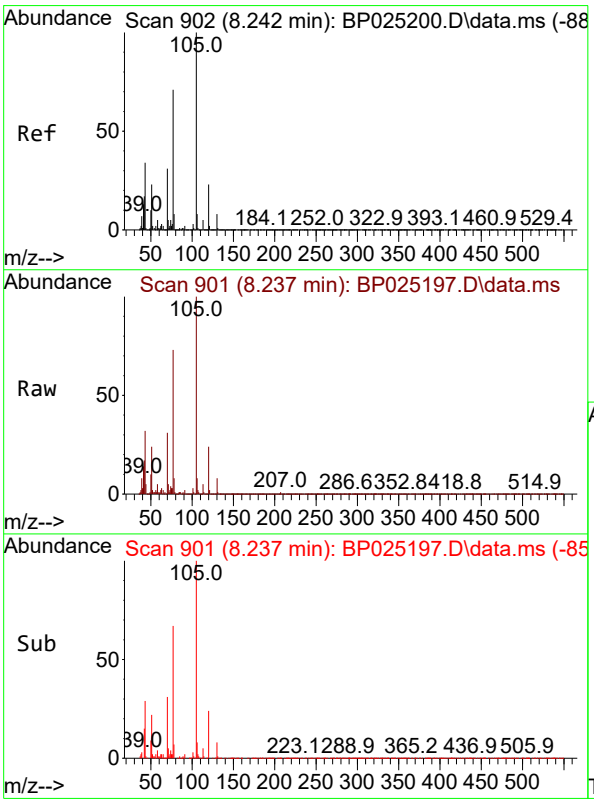
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

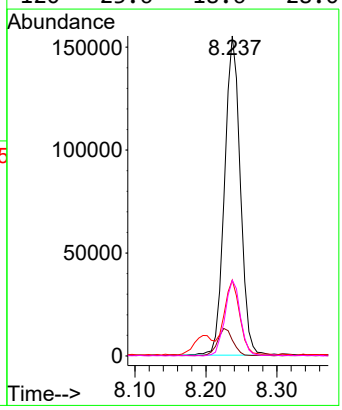
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

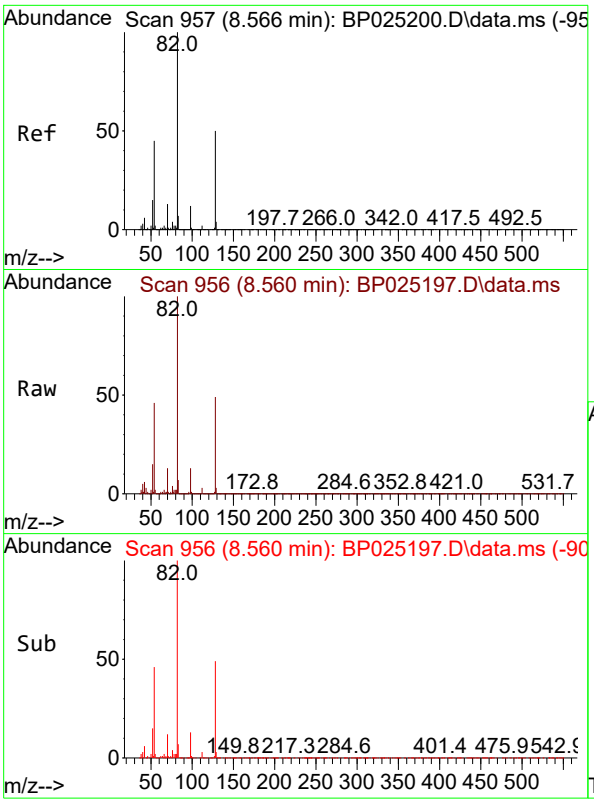


#22
Acetophenone
Concen: 5.052 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:105 Resp: 238513

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.1	6.1
51	23.7	18.5	27.7
120	23.6	18.6	28.0

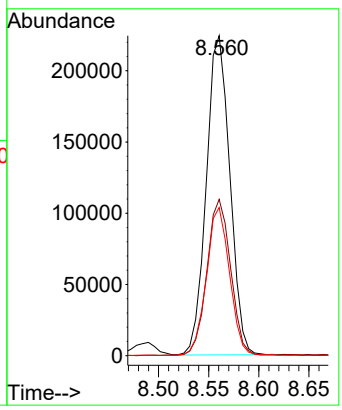




#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 36644

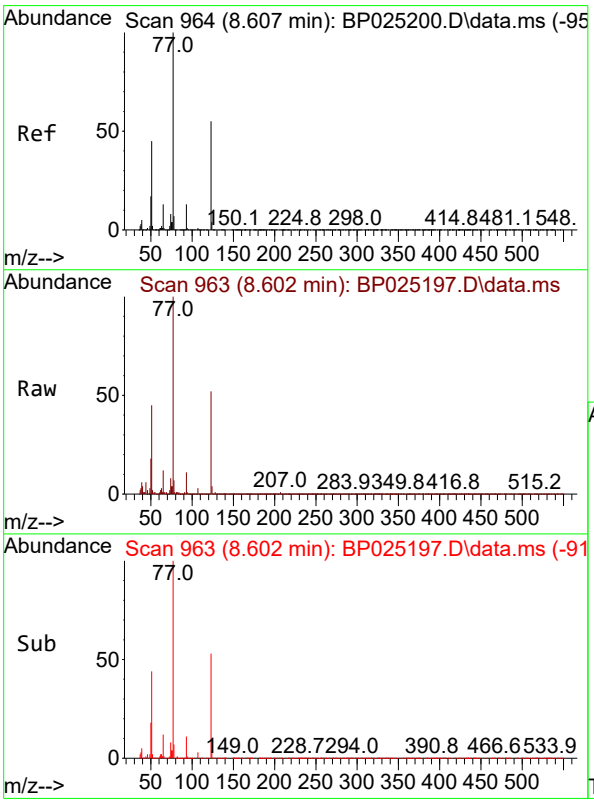
Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.4
54	46.3	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

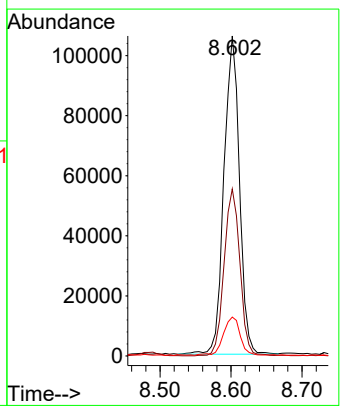
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

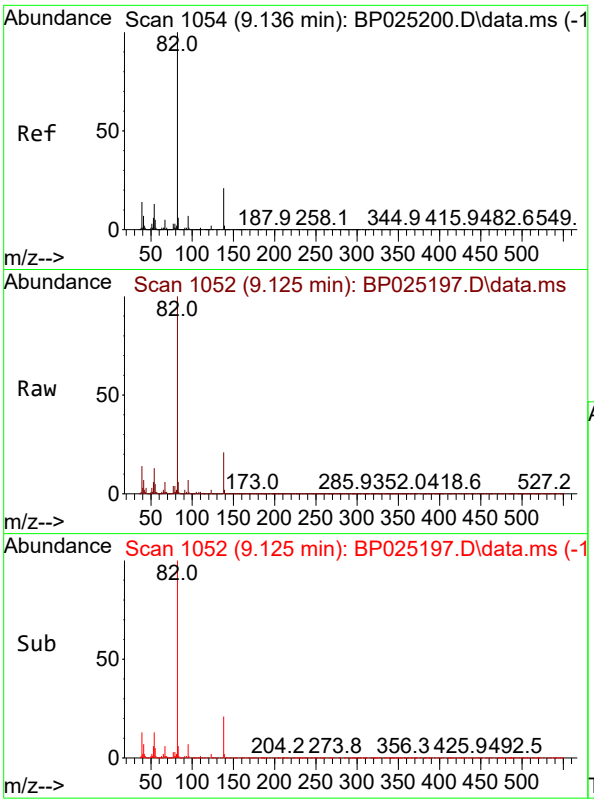


#24
Nitrobenzene
Concen: 4.982 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 160535

Ion	Ratio	Lower	Upper
77	100		
123	52.2	43.6	65.4
65	12.2	10.2	15.2

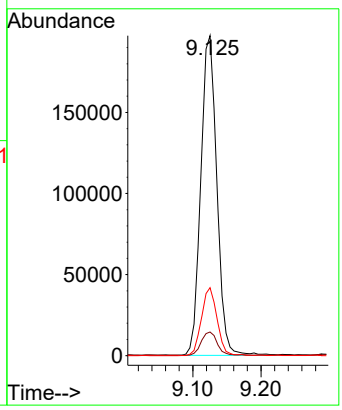




#25
Isophorone
Concen: 5.082 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 32360

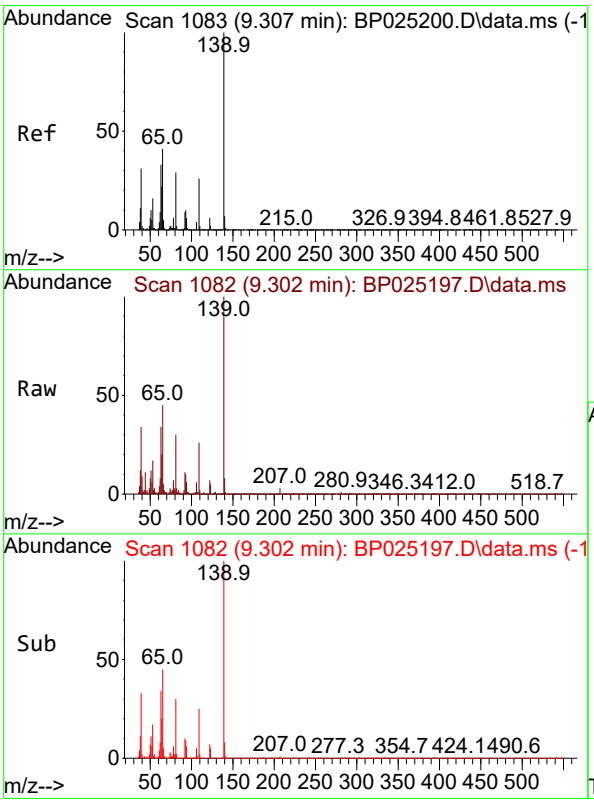
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	21.3	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

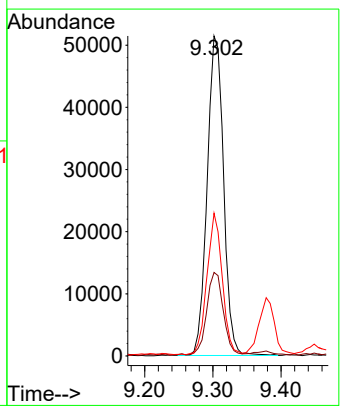
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

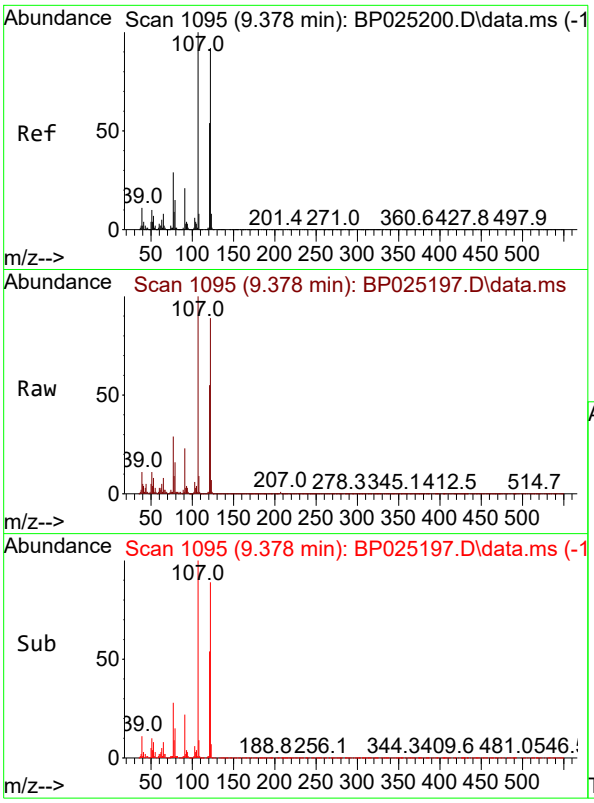


#26
2-Nitrophenol
Concen: 4.758 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 86302

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	44.6	32.7	49.1

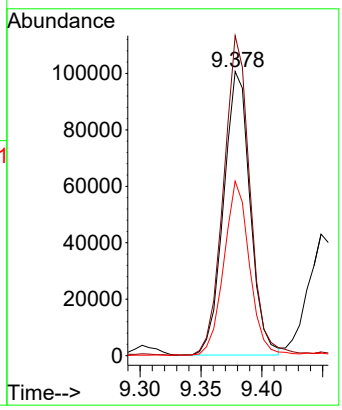




#27
2,4-Dimethylphenol
Concen: 4.939 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:122 Resp: 15248

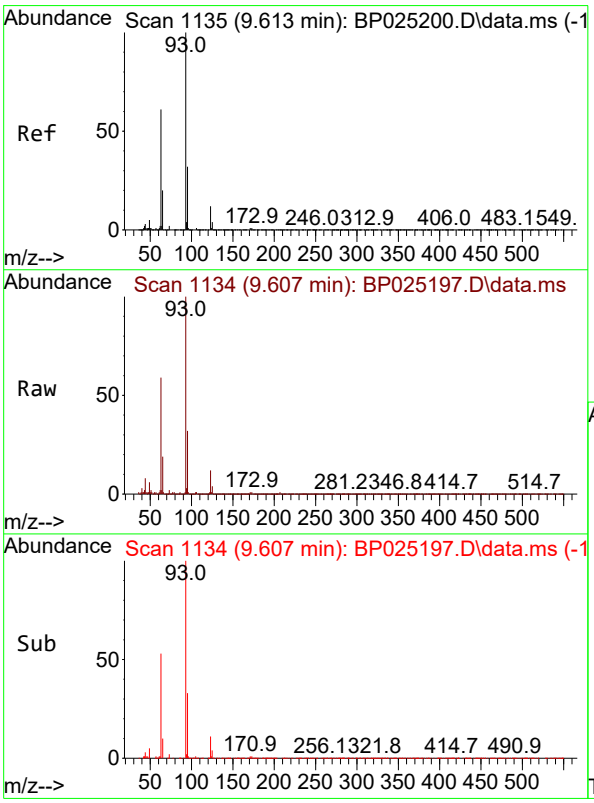
Ion	Ratio	Lower	Upper
122	100		
107	112.6	87.0	130.4
121	61.5	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

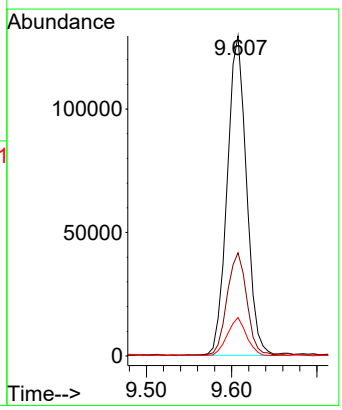
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

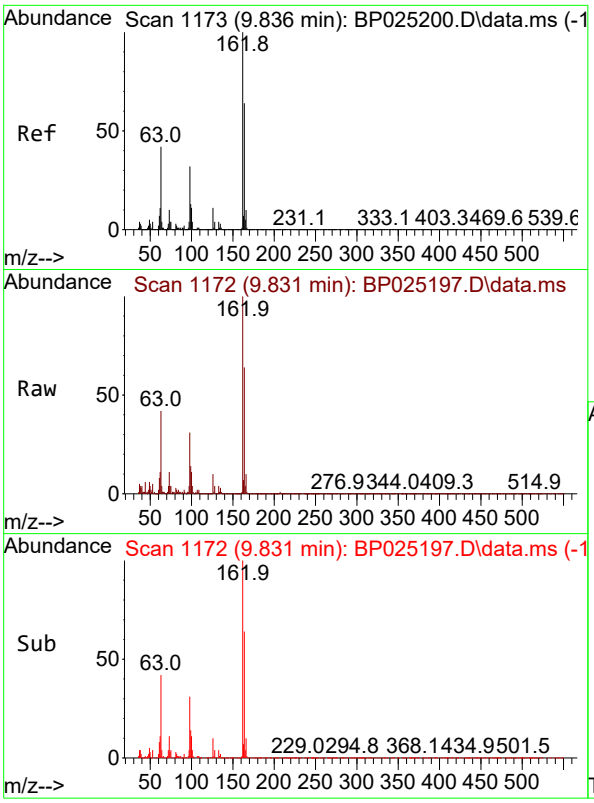


#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 203537

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	12.0	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

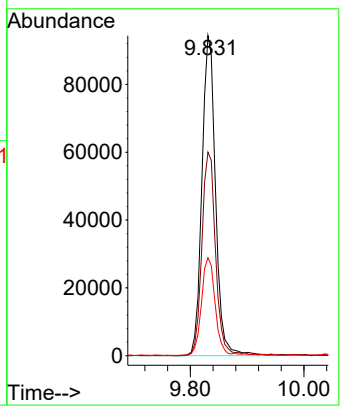
Tgt Ion:162 Resp: 15648

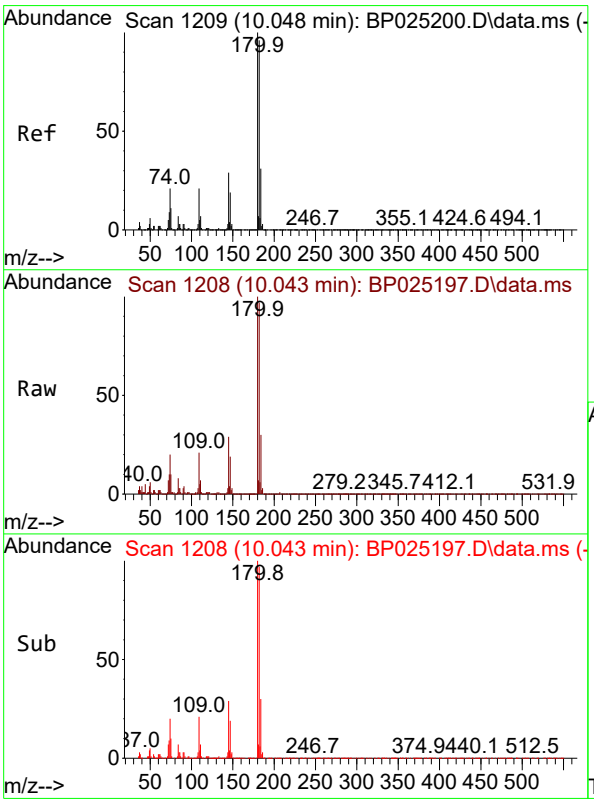
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	30.6	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

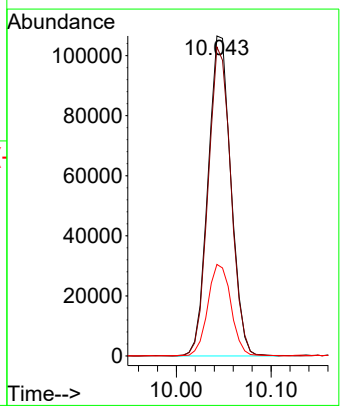


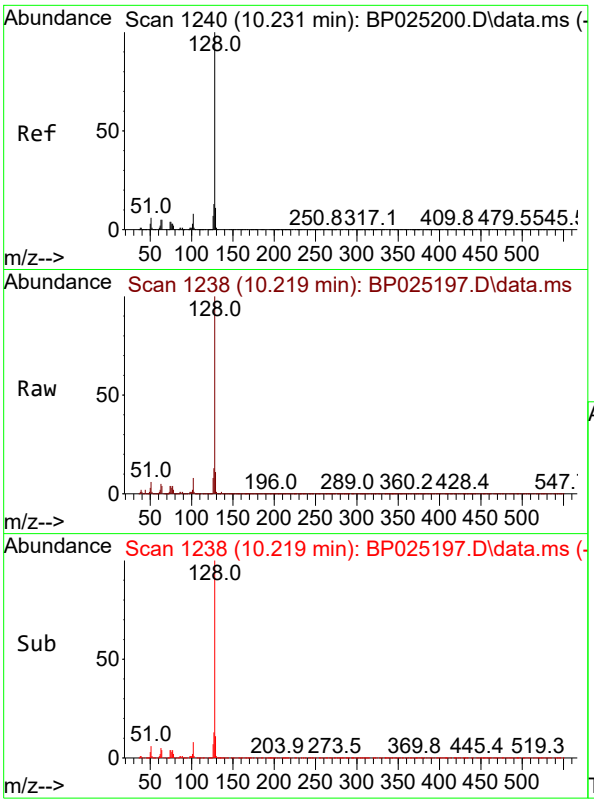


#30
1,2,4-Trichlorobenzene
Concen: 5.128 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:180 Resp: 178685

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
145	28.6	23.5	35.3

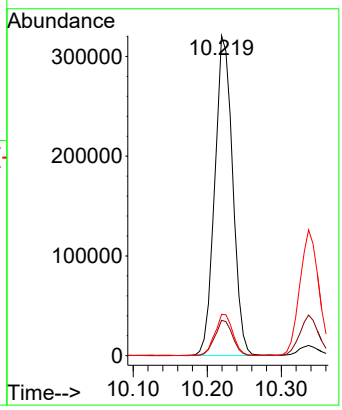




#31
Naphthalene
Concen: 5.175 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 53728

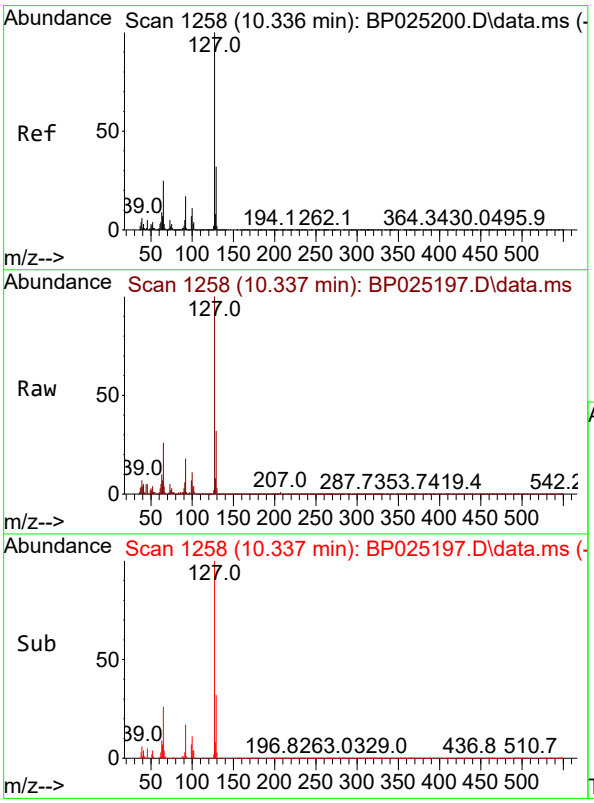
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

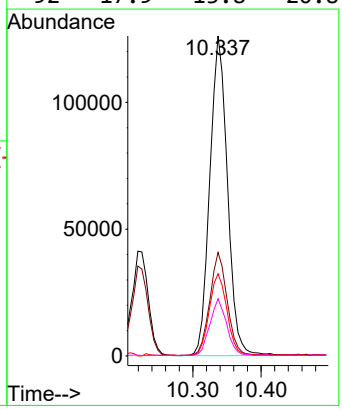
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

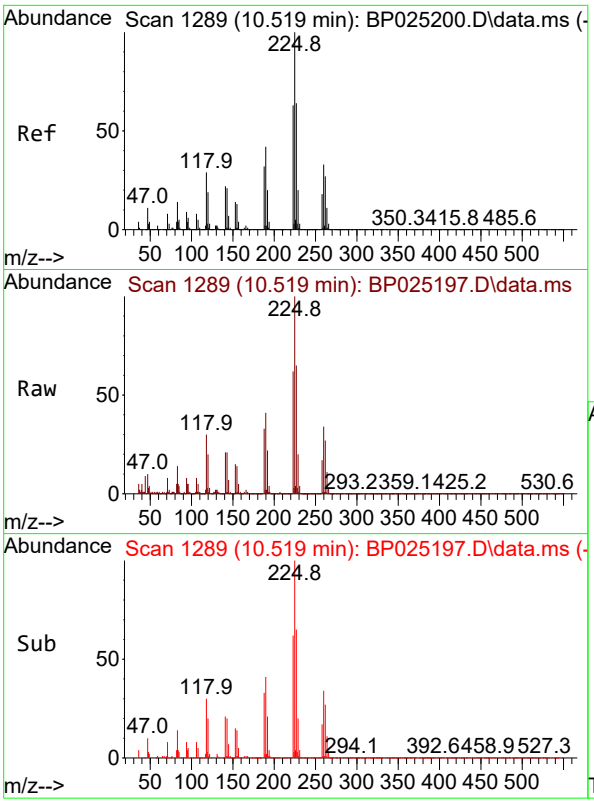


#33
4-Chloroaniline
Concen: 5.041 ng
RT: 10.337 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:127 Resp: 227222

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	25.7	20.2	30.4
92	17.9	13.8	20.8

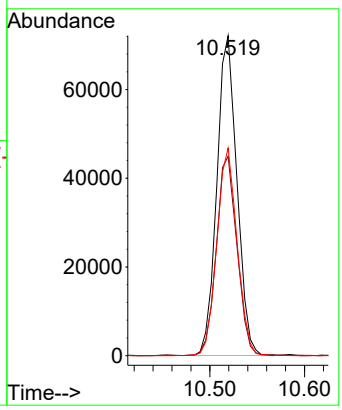




#34
Hexachlorobutadiene
Concen: 5.084 ng
RT: 10.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:225 Resp: 10638

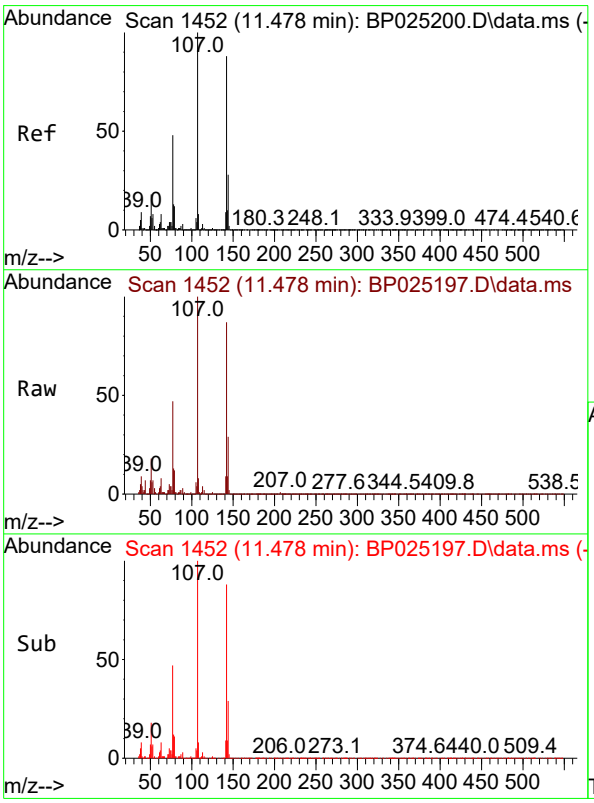
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	64.9	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

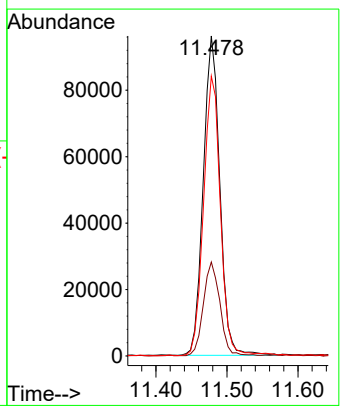
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

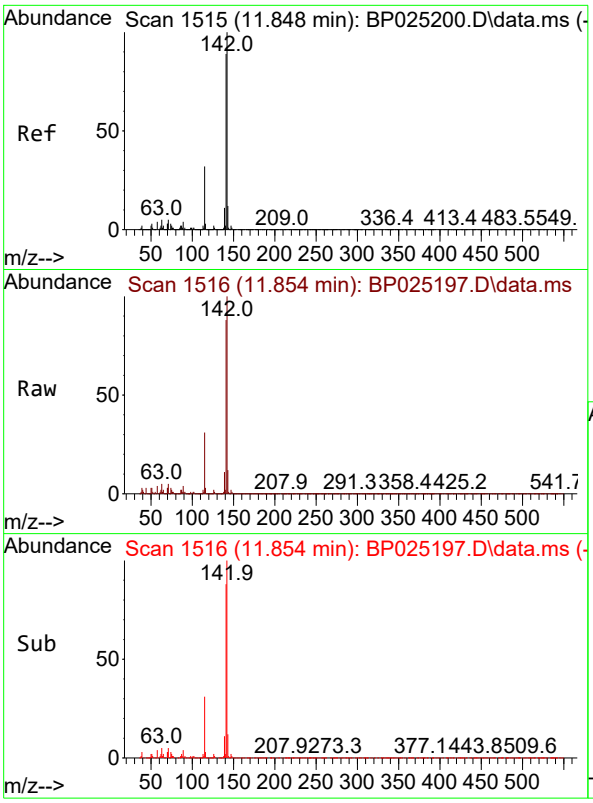


#36
4-Chloro-3-methylphenol
Concen: 4.939 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 156207

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	87.5	70.6	105.8

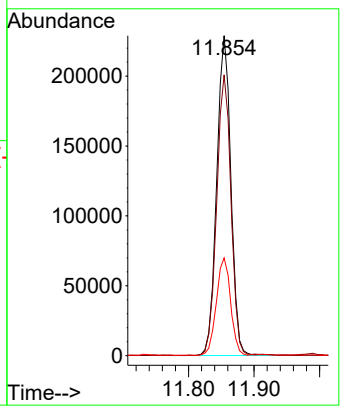




#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 34232

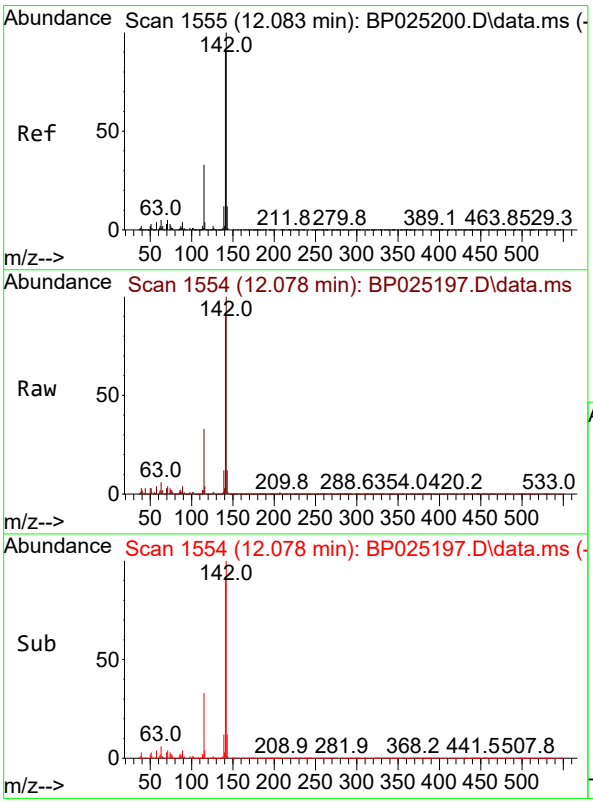
Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.2	106.8
115	30.6	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

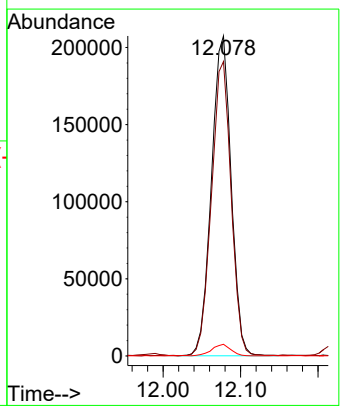
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

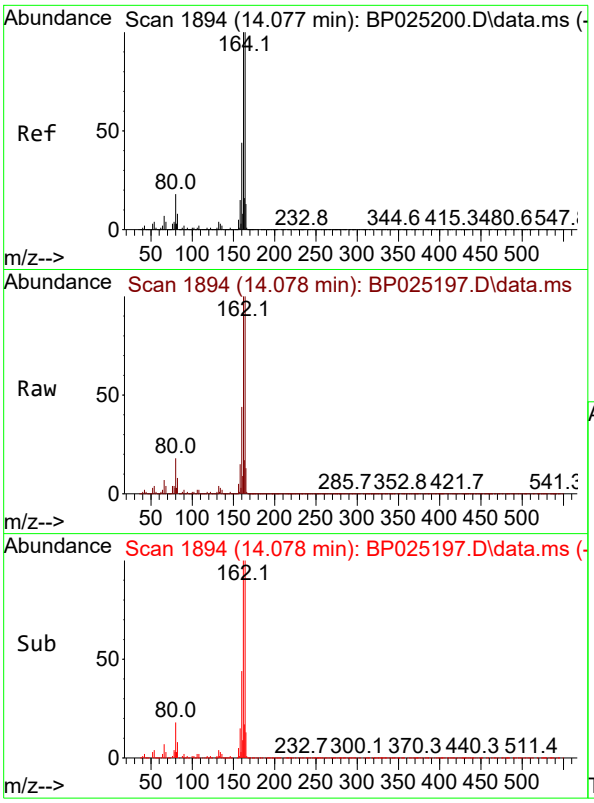


#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 365319

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.6	2.8	4.2

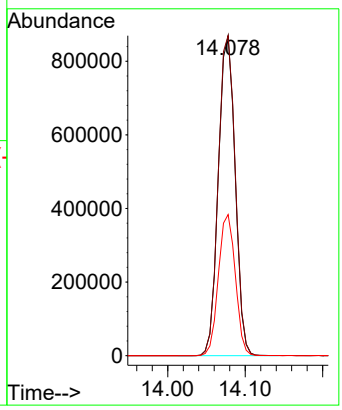




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:164 Resp: 130906

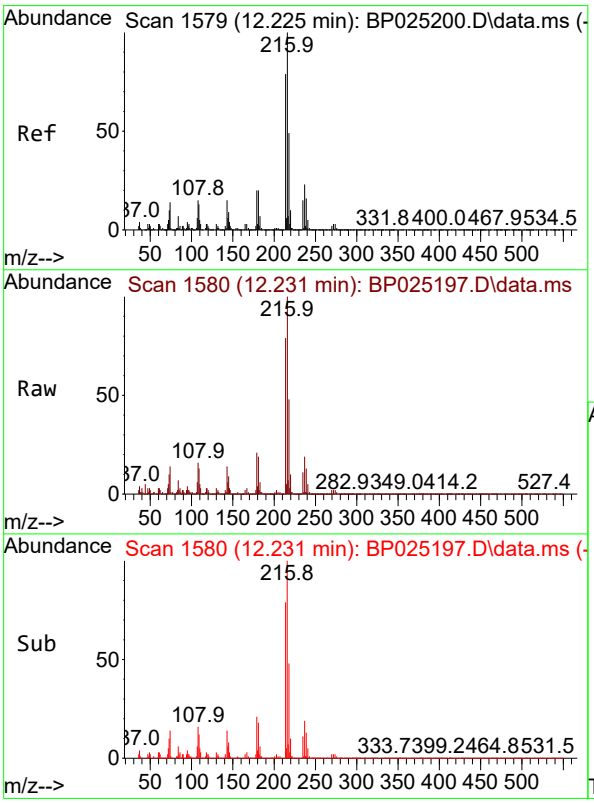
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.1	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

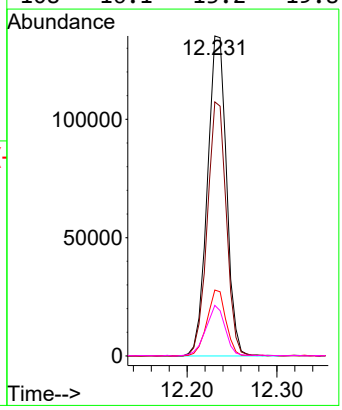
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

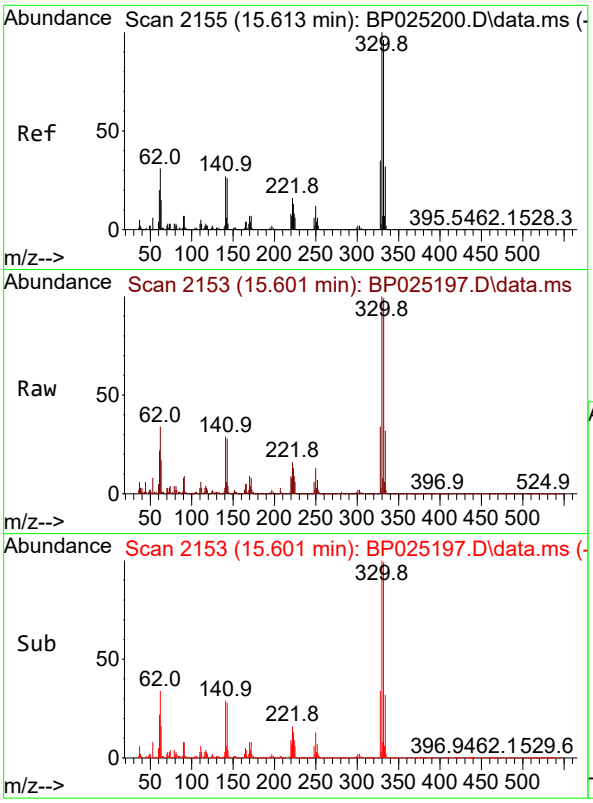


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.042 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:216 Resp: 199889

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8

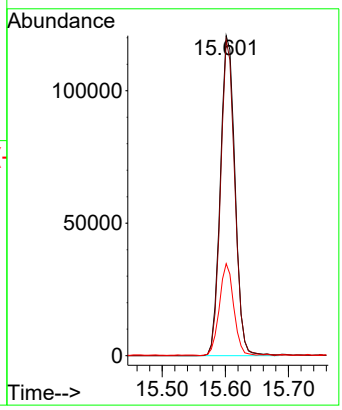




#42
2,4,6-Tribromophenol
Concen: 10.002 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:330 Resp: 19469

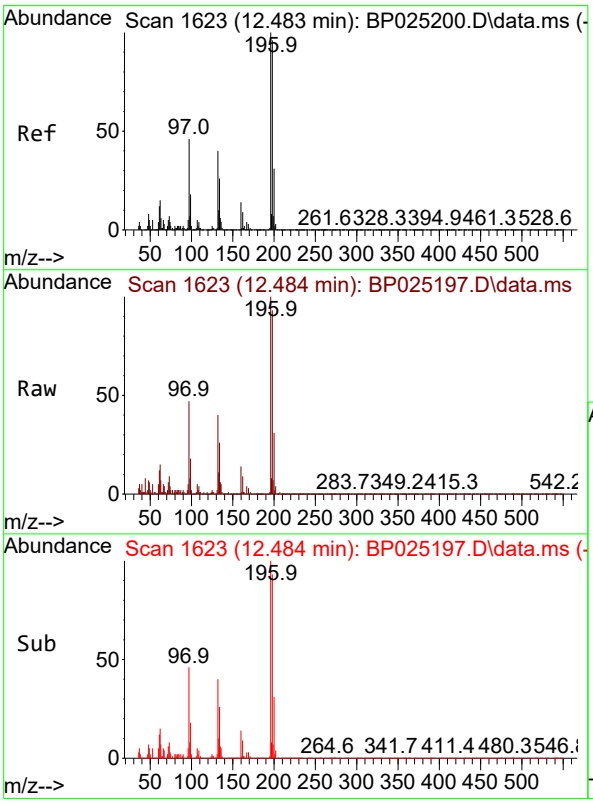
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	28.3	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

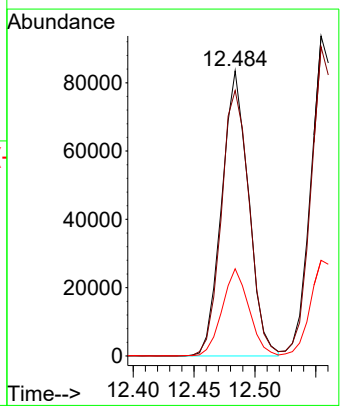
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

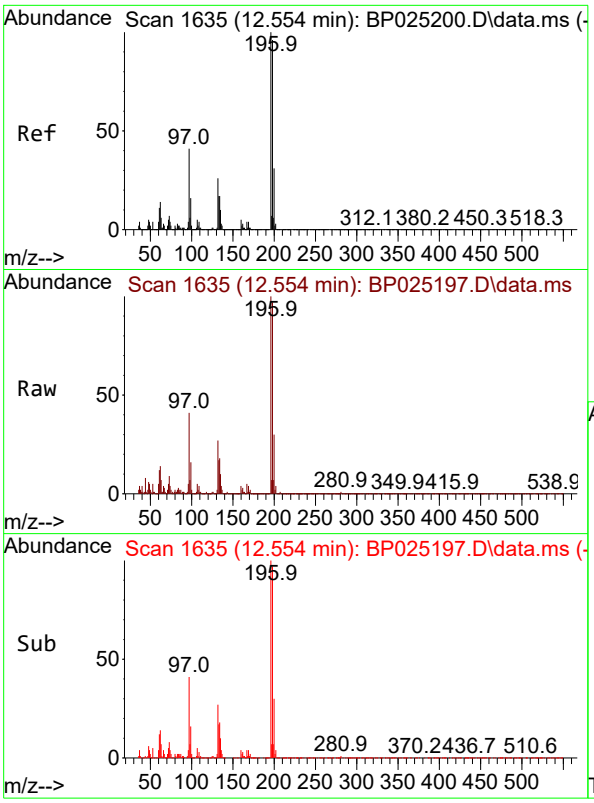


#43
2,4,6-Trichlorophenol
Concen: 4.774 ng
RT: 12.484 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 127876

Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.6	114.8
200	30.6	24.7	37.1

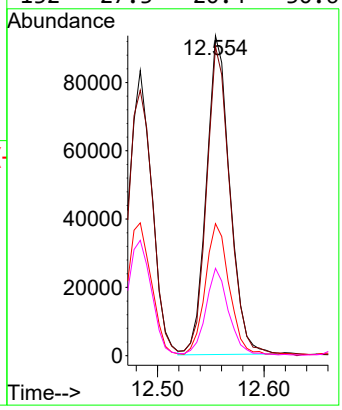




#44
2,4,5-Trichlorophenol
Concen: 4.844 ng
RT: 12.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 14301

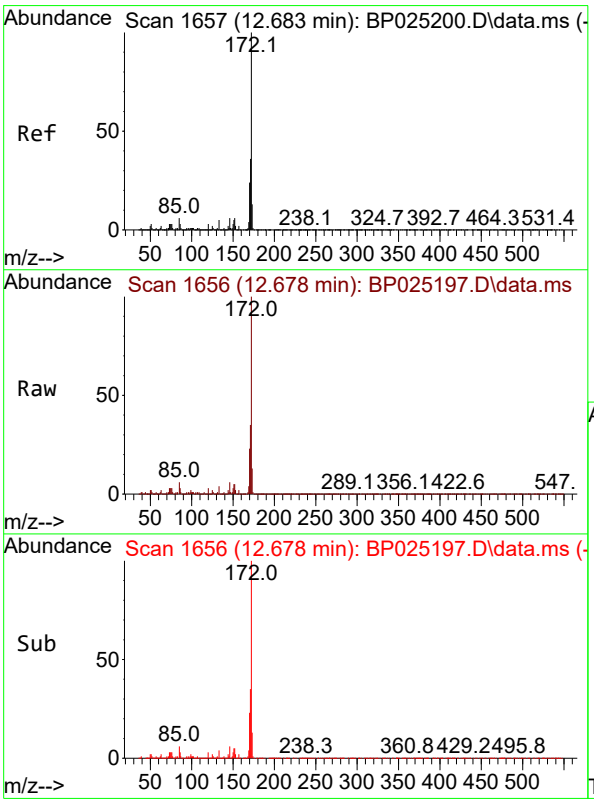
Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
97	41.3	33.0	49.4
132	27.3	20.4	30.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

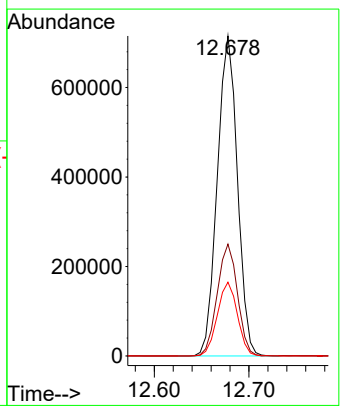
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

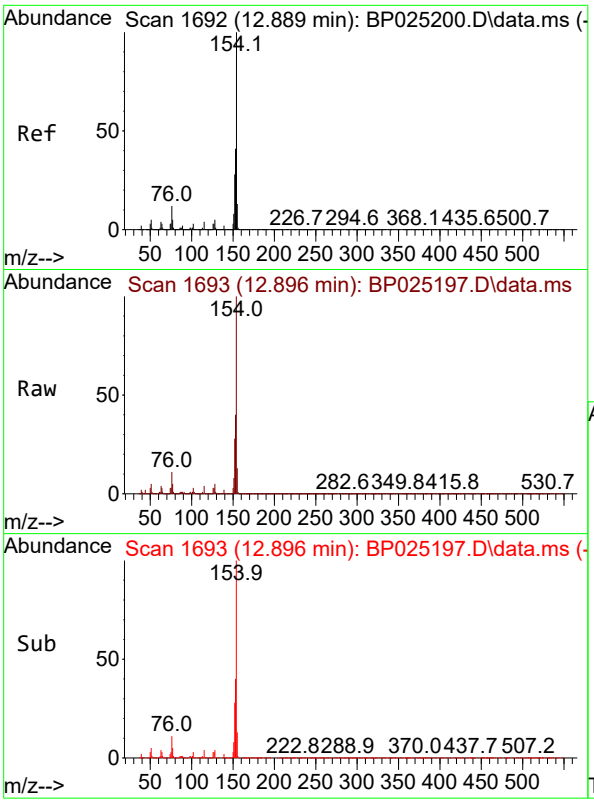


#45
2-Fluorobiphenyl
Concen: 10.698 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:172 Resp: 1057796

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.1	19.2	28.8

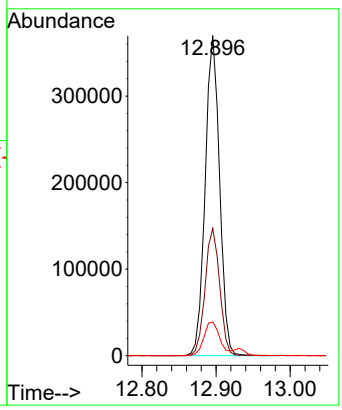




#46
1,1'-Biphenyl
Concen: 5.148 ng
RT: 12.896 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 49835

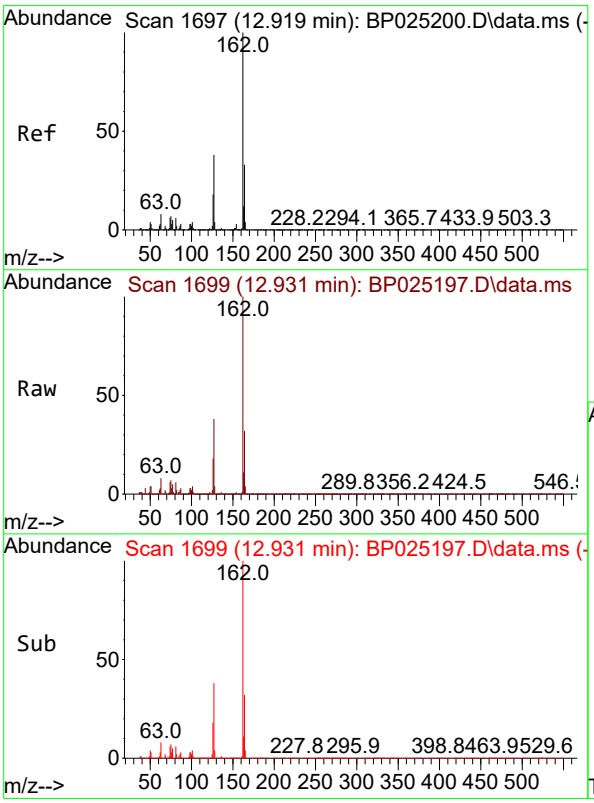
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	10.6	0.0	31.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

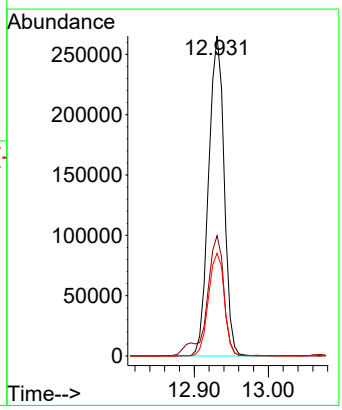
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

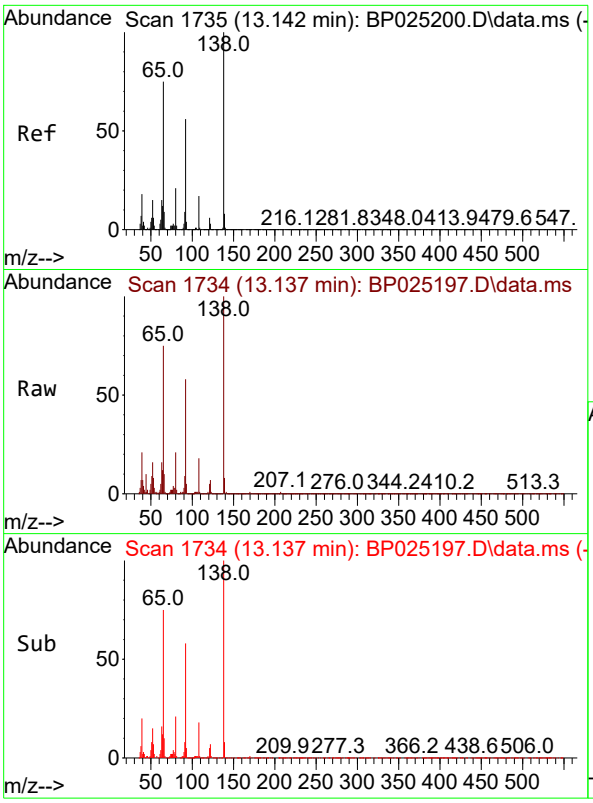


#47
2-Chloronaphthalene
Concen: 5.132 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:162 Resp: 384841

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.0	26.5	39.7

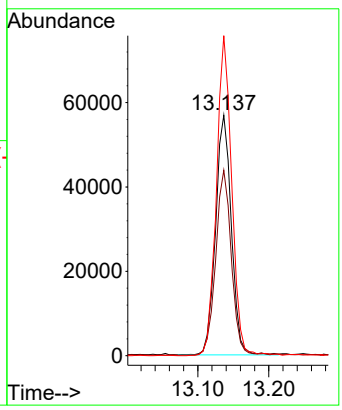




#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 65 Resp: 8740

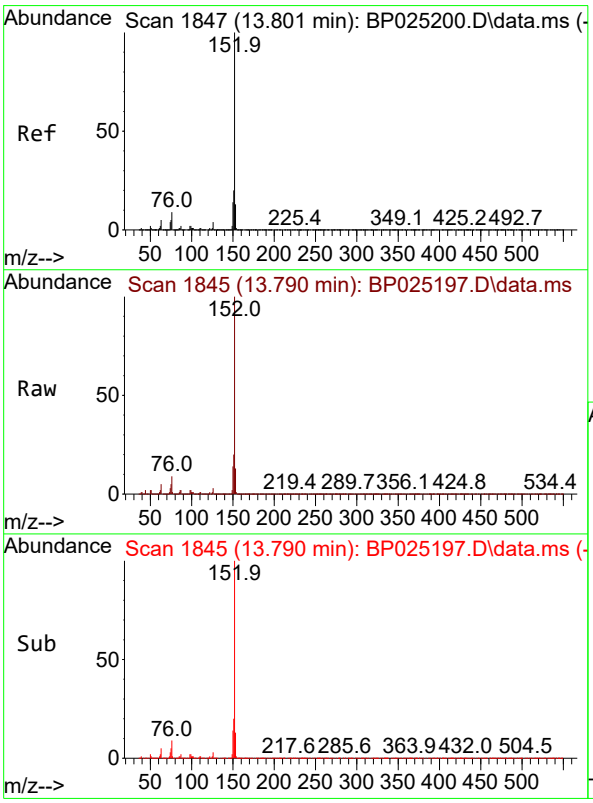
Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	133.1	107.1	160.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

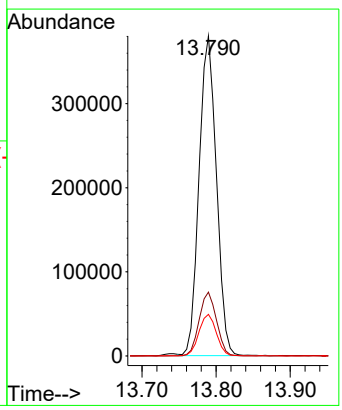
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

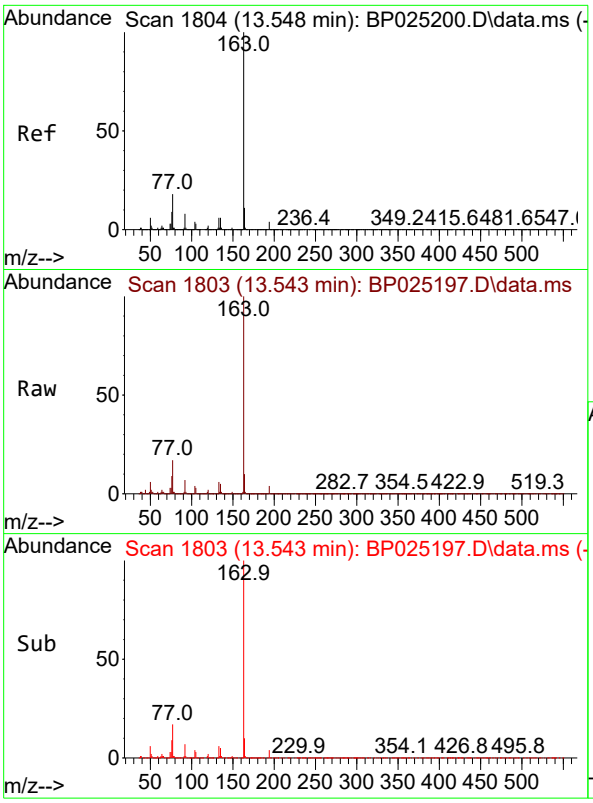


#49
Acenaphthylene
Concen: 5.030 ng
RT: 13.790 min Scan# 1845
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 618618

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.0	10.6	15.8

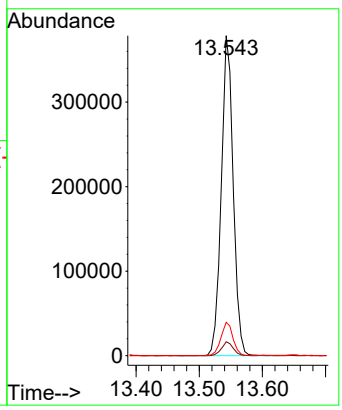




#50
Dimethylphthalate
Concen: 5.191 ng
RT: 13.543 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:163 Resp: 49577

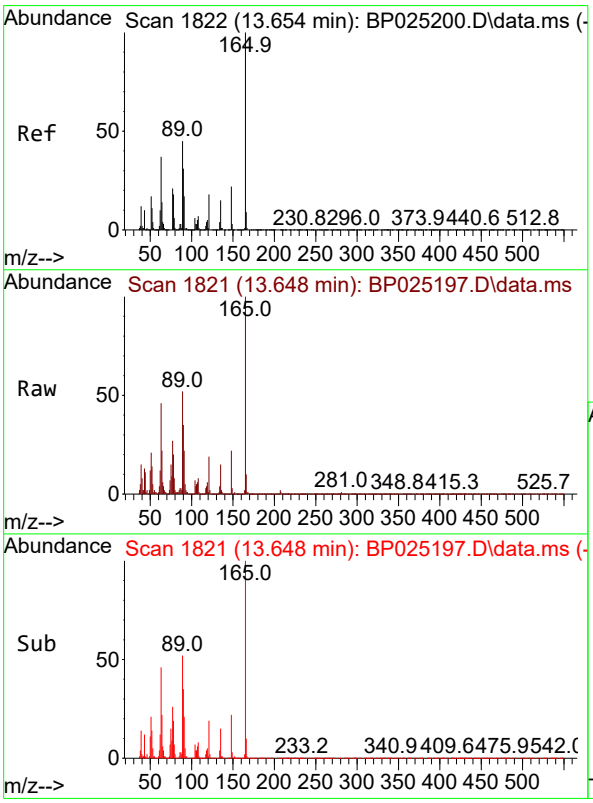
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

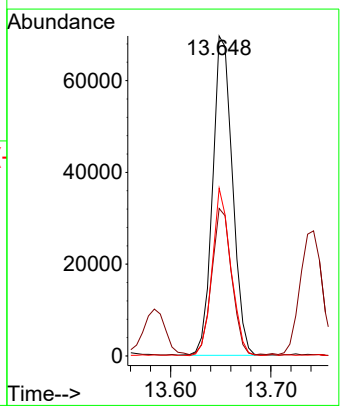
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

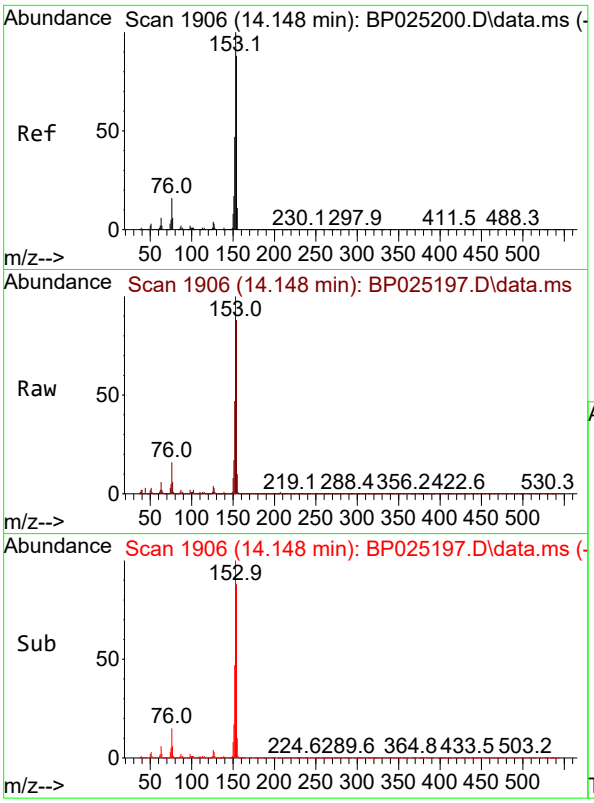


#51
2,6-Dinitrotoluene
Concen: 4.731 ng
RT: 13.648 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 95645

Ion	Ratio	Lower	Upper
165	100		
63	46.1	33.4	50.2
89	52.4	36.3	54.5

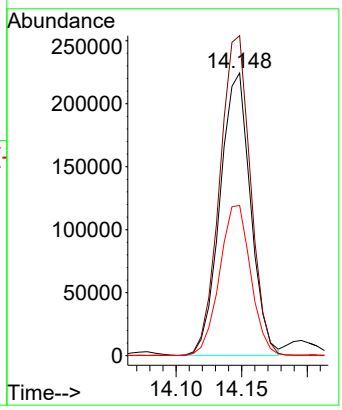




#52
Acenaphthene
Concen: 5.121 ng
RT: 14.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 36276

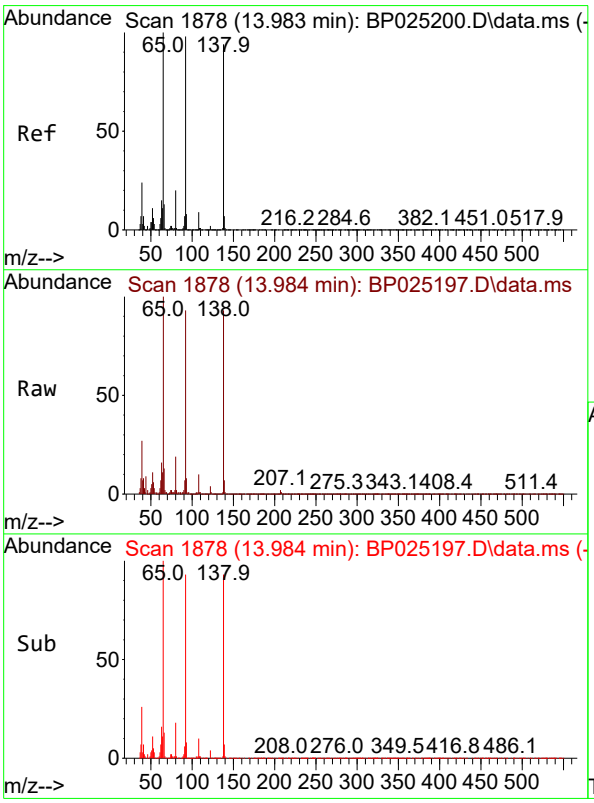
Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.2	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

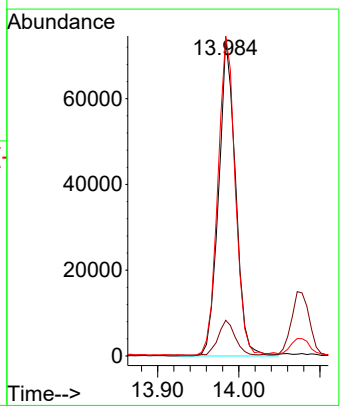
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

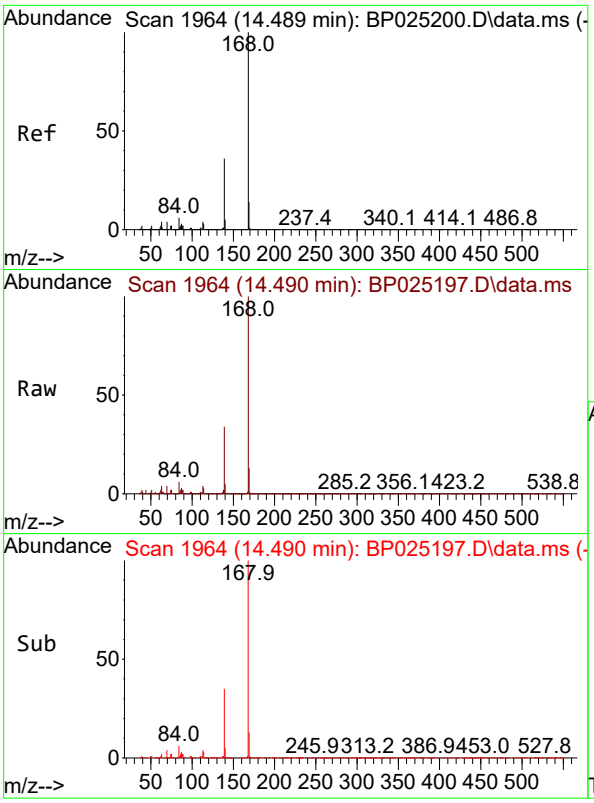


#53
3-Nitroaniline
Concen: 4.706 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 107353

Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.5	11.3
92	100.5	83.2	124.8

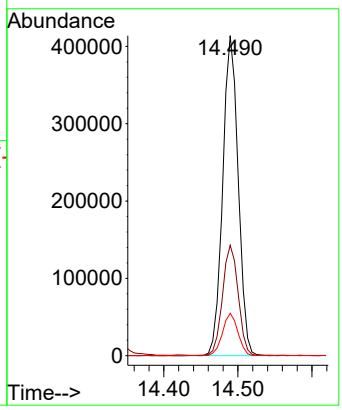




#55
Dibenzofuran
Concen: 5.225 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:168 Resp: 59935

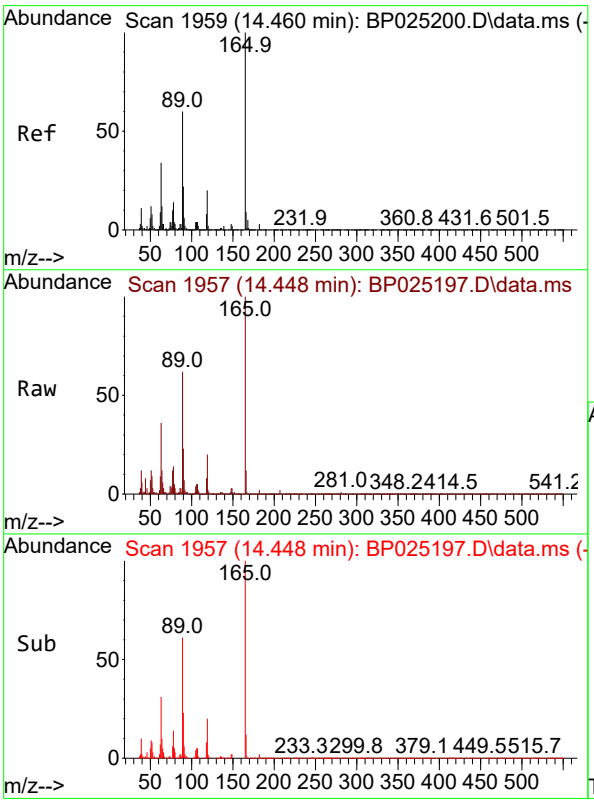
Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.7	43.1
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

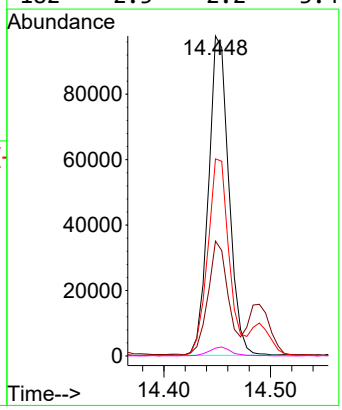
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

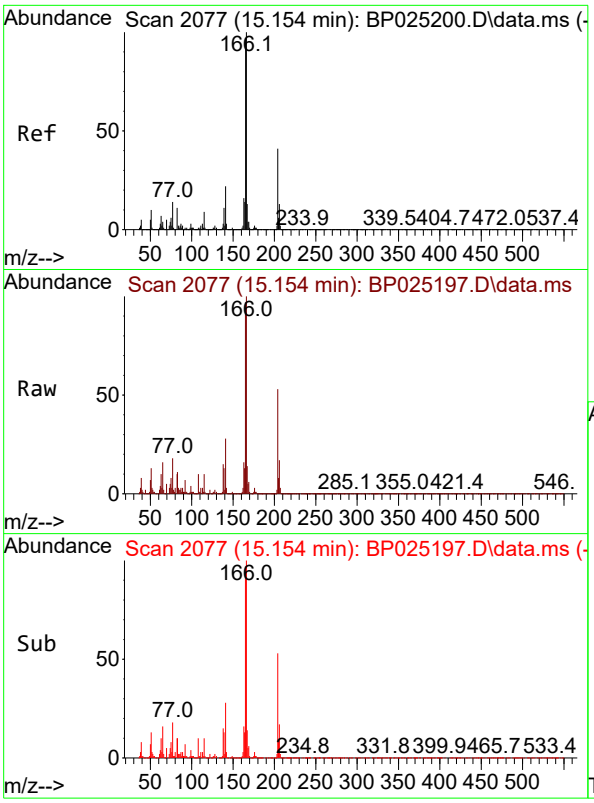


#57
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 129201

Ion	Ratio	Lower	Upper
165	100		
63	35.9	27.0	40.4
89	61.6	47.8	71.6
182	2.5	2.2	3.4

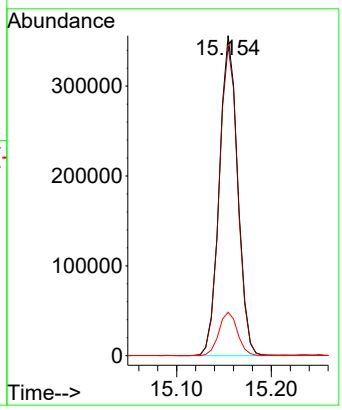




#58
Fluorene
Concen: 5.250 ng
RT: 15.154 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:166 Resp: 48025

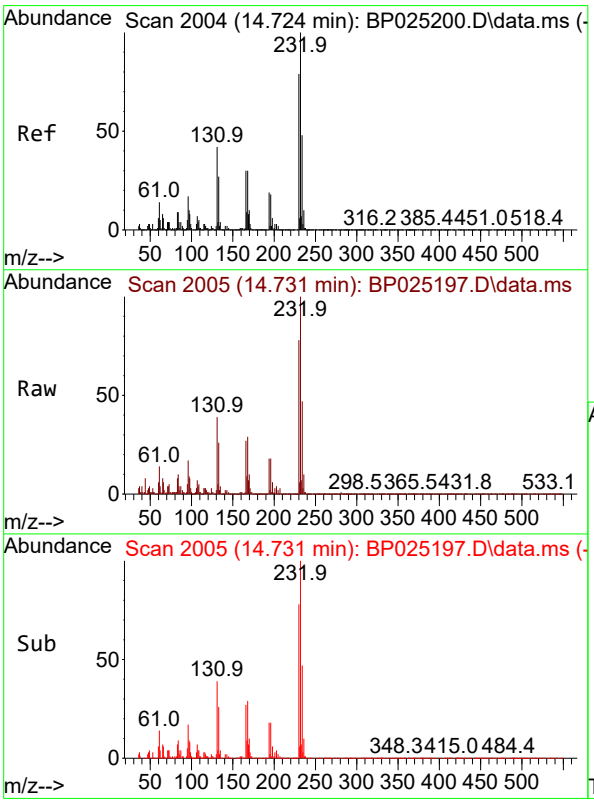
Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.6	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

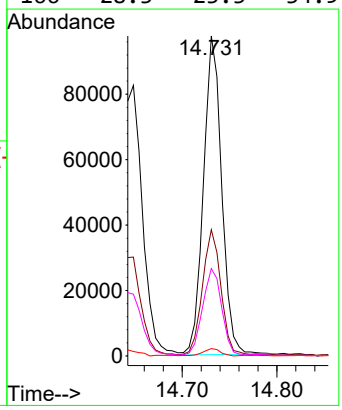
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

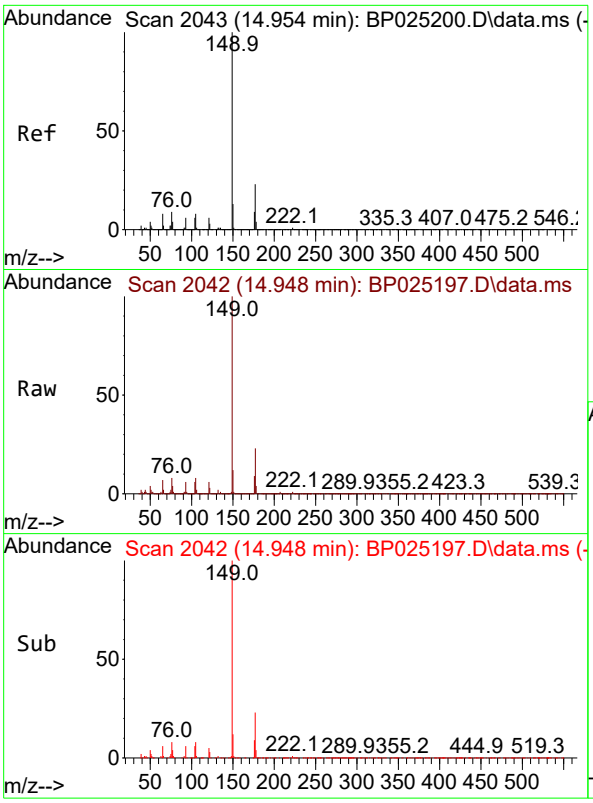


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.967 ng
RT: 14.731 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:232 Resp: 129817

Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.6	48.8
130	2.2	1.6	2.4
166	28.3	23.3	34.9

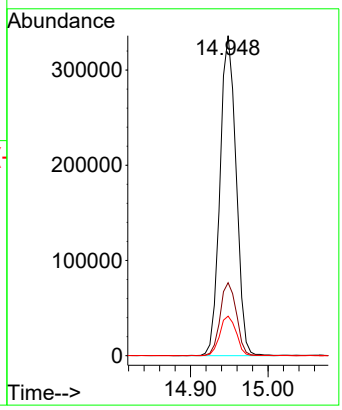




#60
Diethylphthalate
Concen: 5.166 ng
RT: 14.948 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 48753

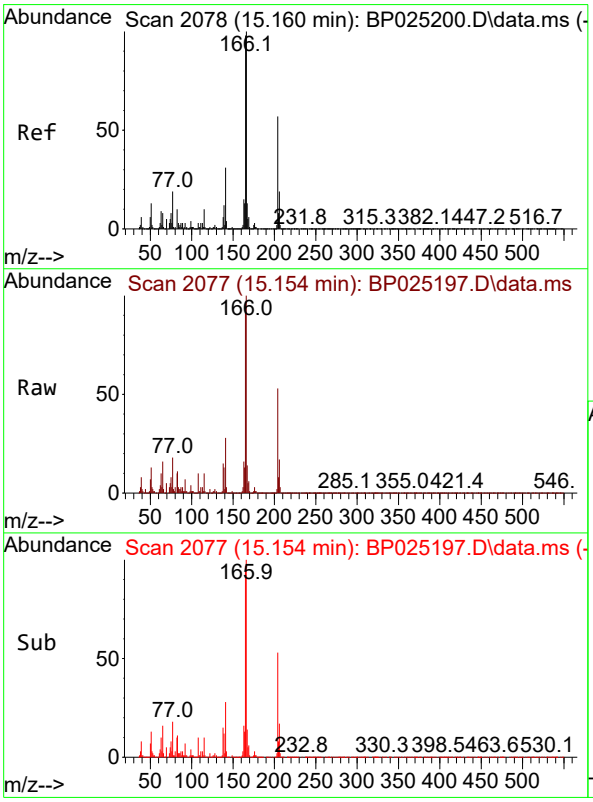
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.3	10.0	15.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

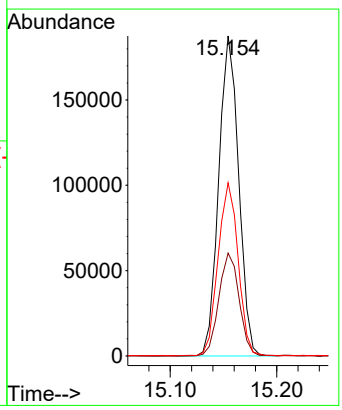
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

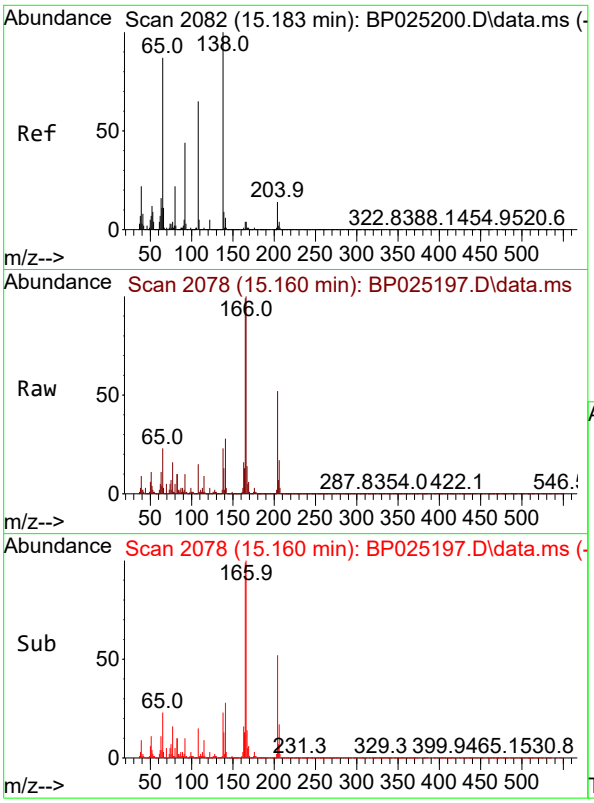


#61
4-Chlorophenyl-phenylether
Concen: 5.269 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:204 Resp: 242941

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	54.1	43.0	64.6

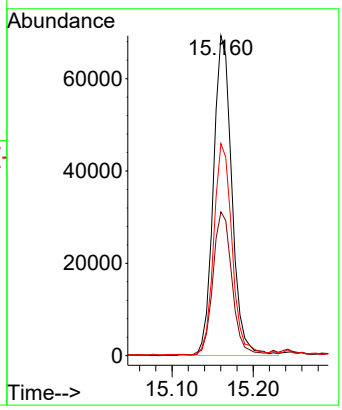




#62
4-Nitroaniline
Concen: 4.709 ng
RT: 15.160 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 10947

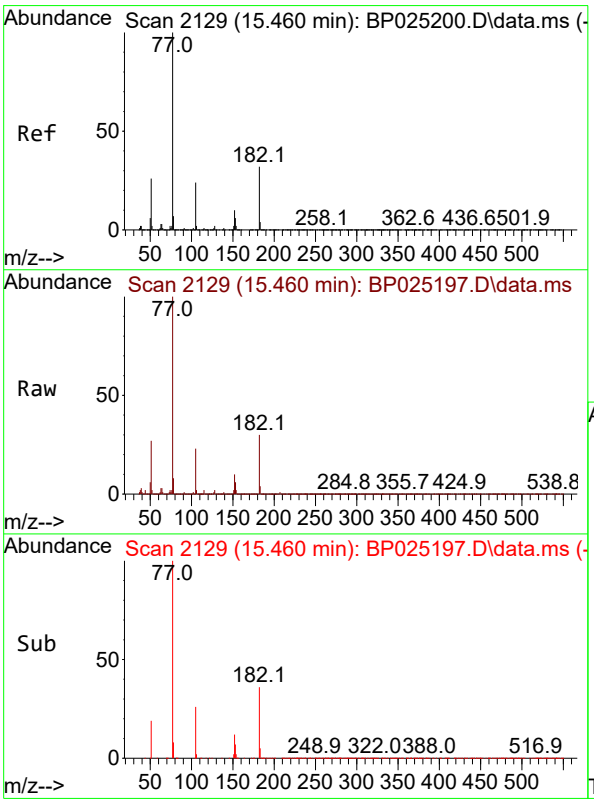
Ion	Ratio	Lower	Upper
138	100		
92	45.0	24.0	64.0
108	66.3	44.9	84.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

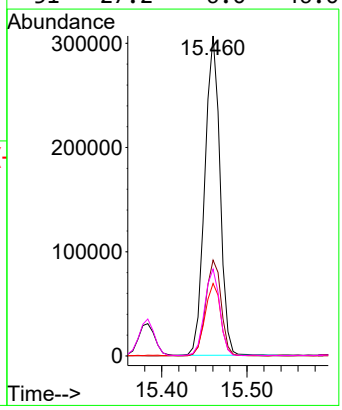
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

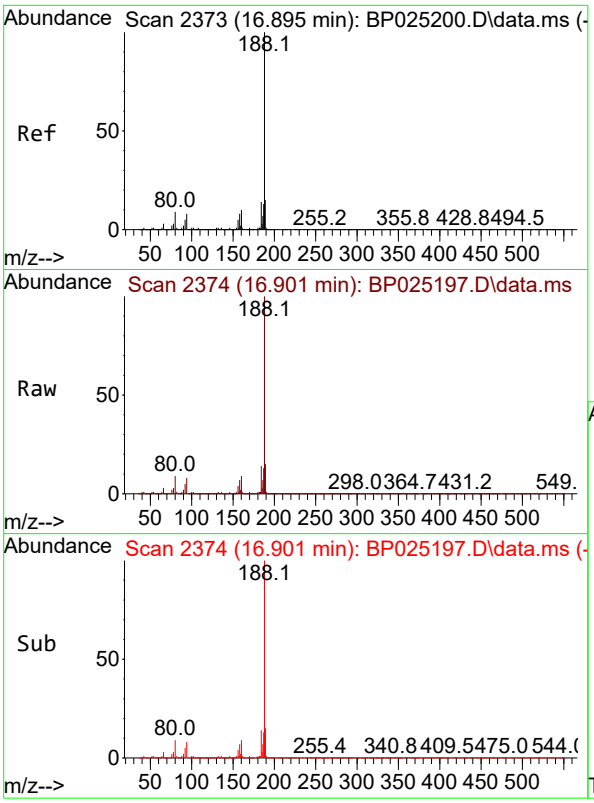


#63
Azobenzene
Concen: 5.004 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 379326

Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.0	52.0
105	22.7	3.6	43.6
51	27.2	6.0	46.0

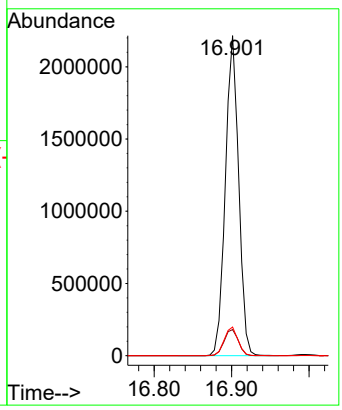




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:188 Resp: 263635

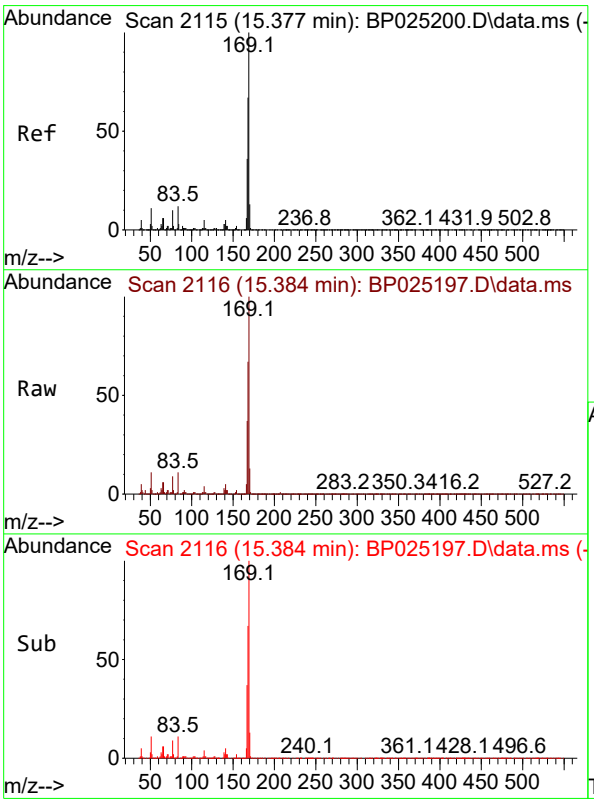
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.3	10.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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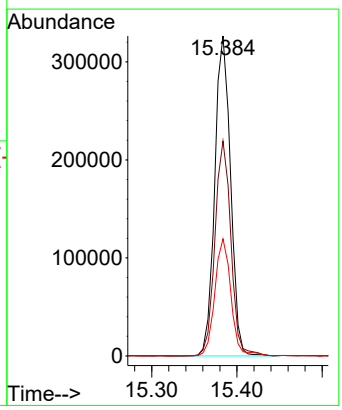
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

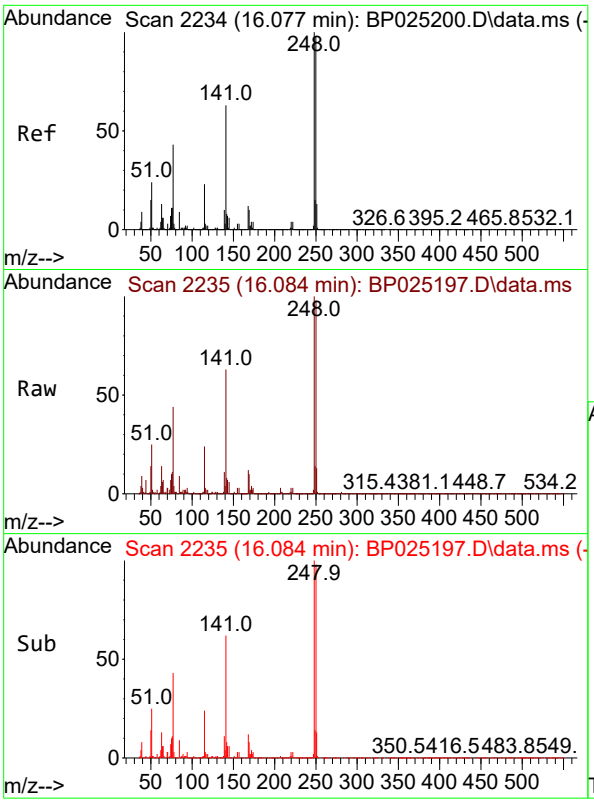


#66
n-Nitrosodiphenylamine
Concen: 5.115 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:169 Resp: 419927

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	36.6	29.0	43.6

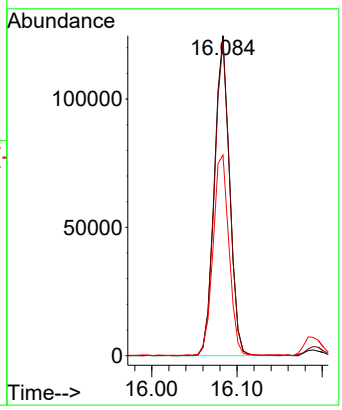




#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:248 Resp: 15413

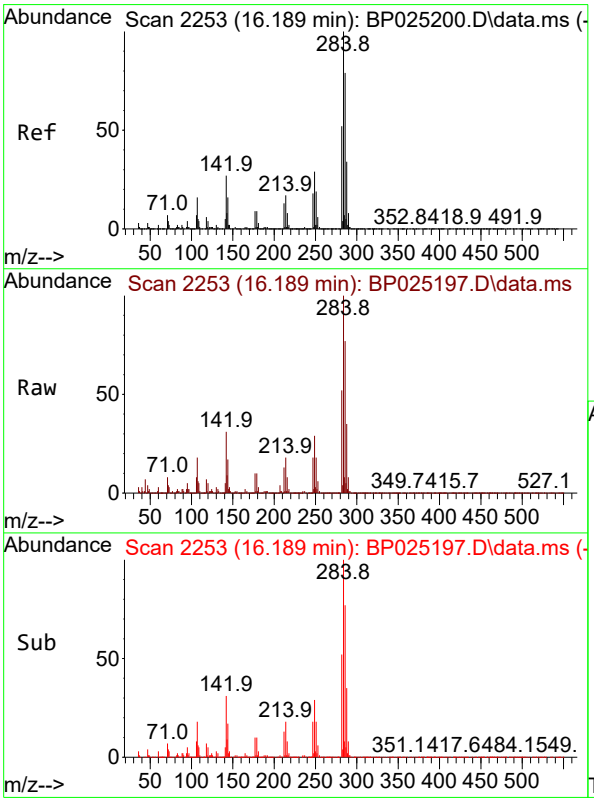
Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	62.7	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

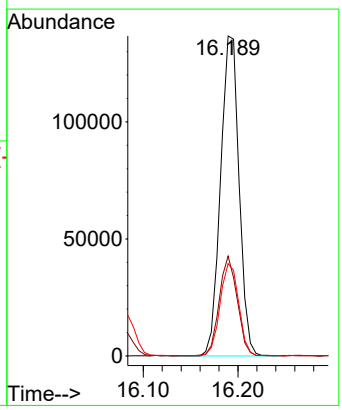
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

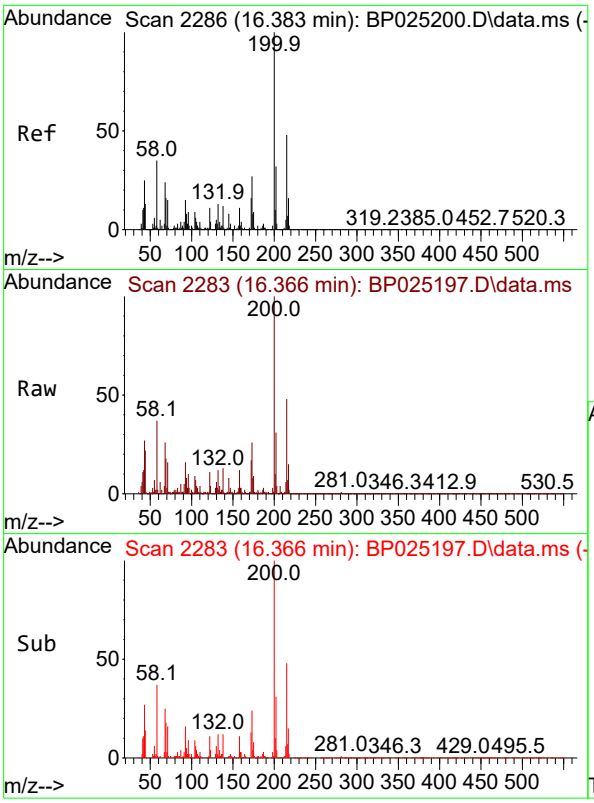


#68
Hexachlorobenzene
Concen: 5.013 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:284 Resp: 186075

Ion	Ratio	Lower	Upper
284	100		
142	31.2	21.5	32.3
249	28.9	23.4	35.0

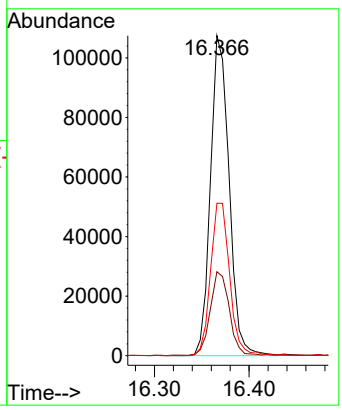




#69
Atrazine
Concen: 4.896 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:200 Resp: 14652

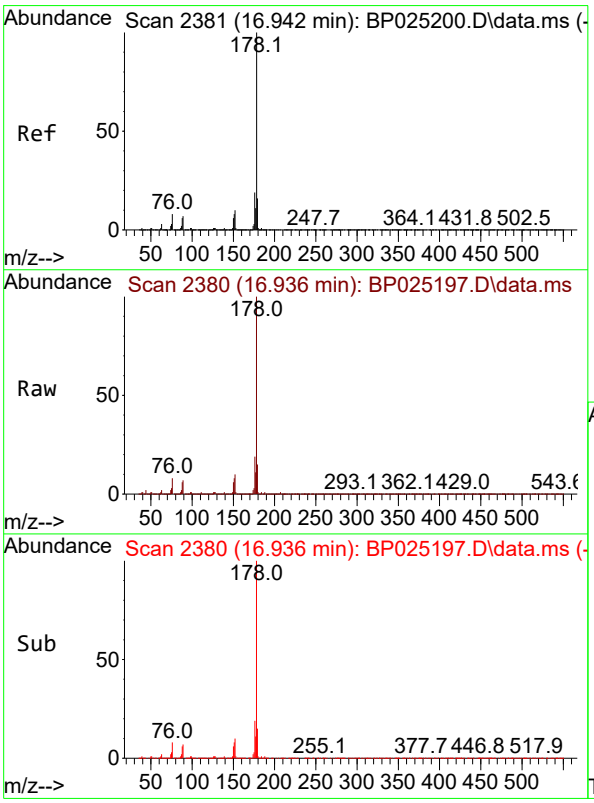
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	47.6	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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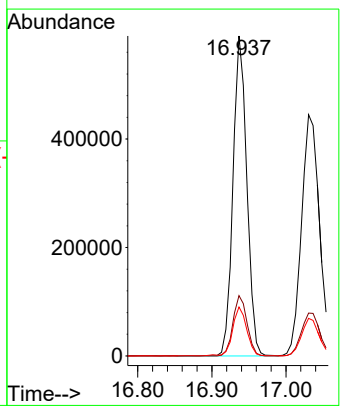
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

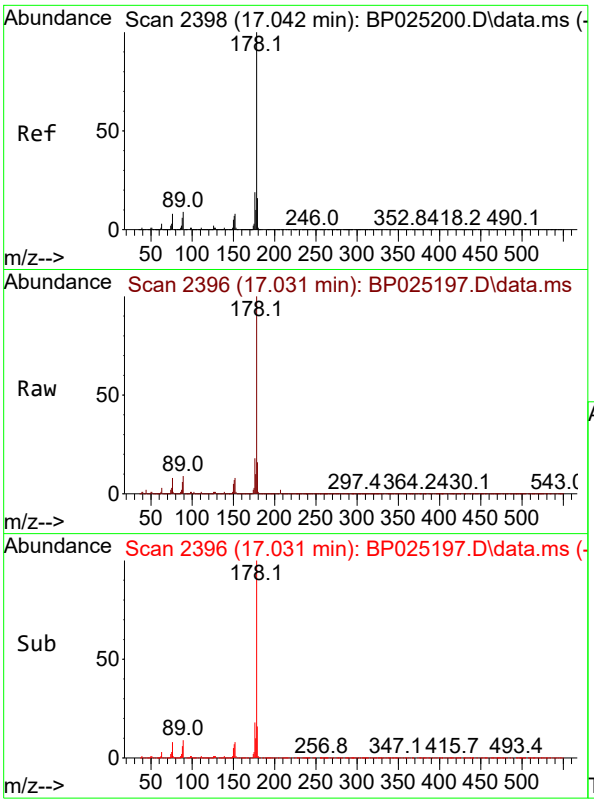


#71
Phenanthrene
Concen: 5.196 ng
RT: 16.936 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 763302

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.3	12.5	18.7

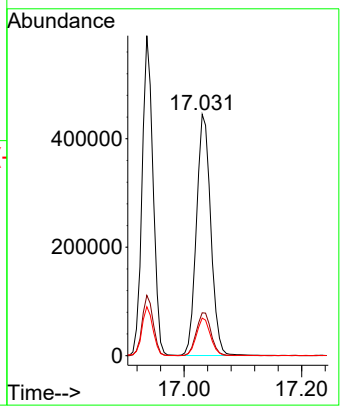




#72
Anthracene
Concen: 5.040 ng
RT: 17.031 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

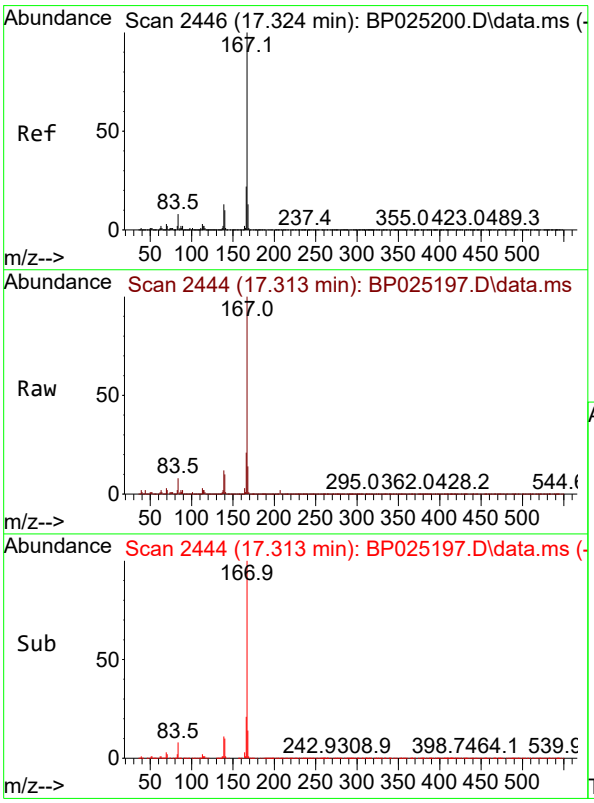
Tgt Ion:178 Resp: 75162

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.6	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

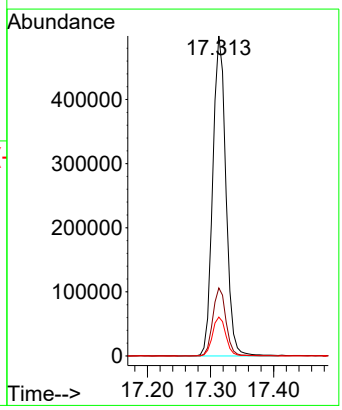
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

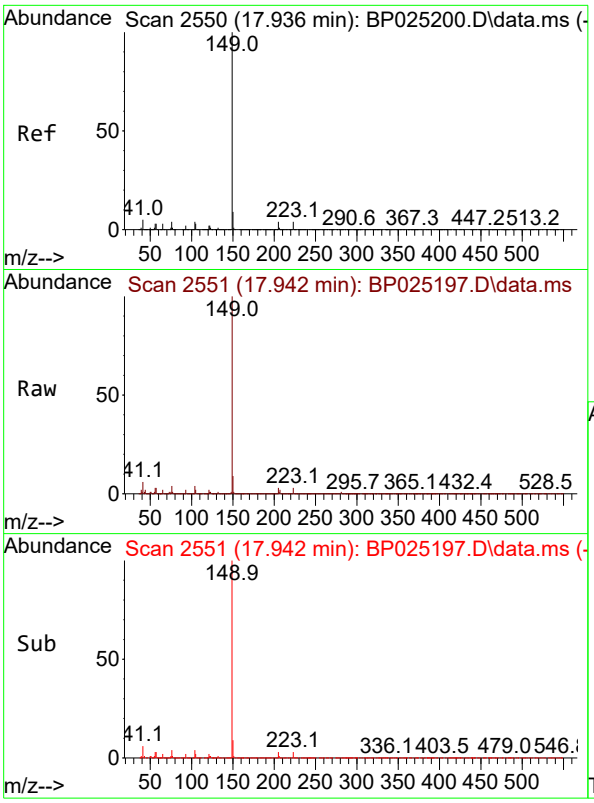


#73
Carbazole
Concen: 5.085 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:167 Resp: 721457

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.1	10.1	15.1

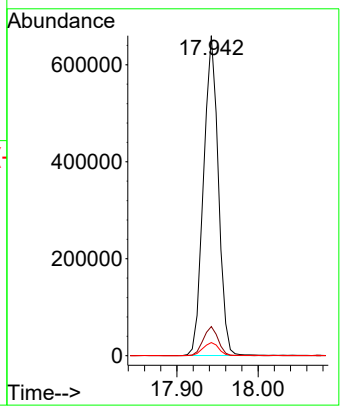




#74
Di-n-butylphthalate
Concen: 5.006 ng
RT: 17.942 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 83283

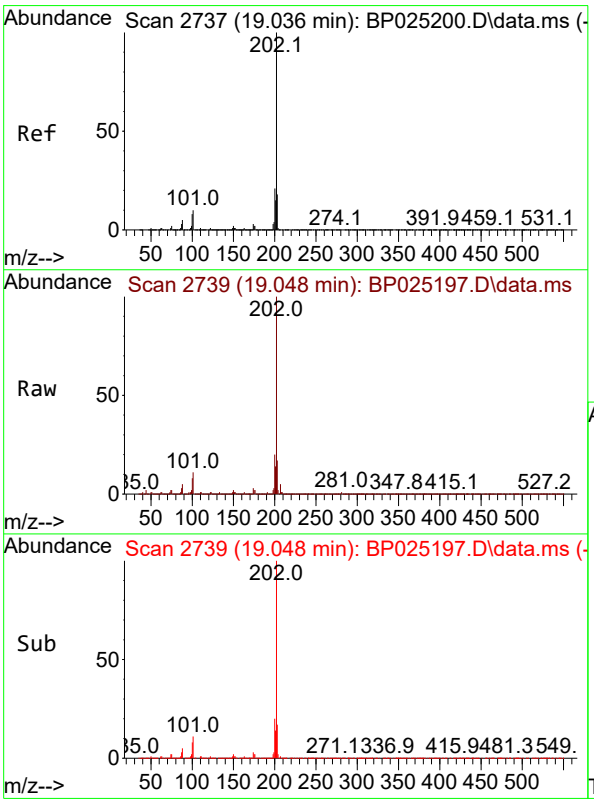
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.1	3.5	5.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

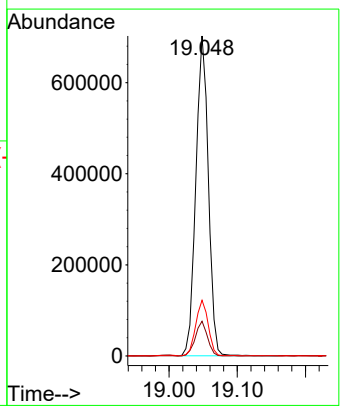
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

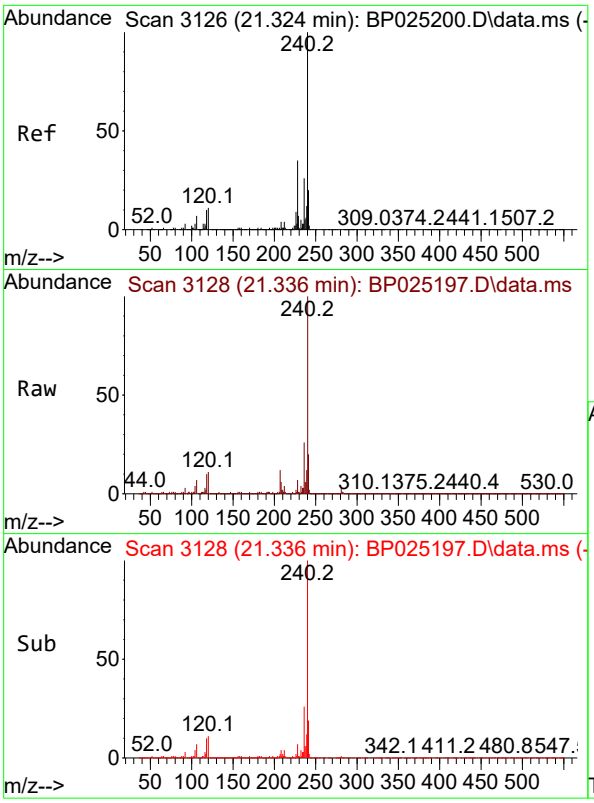


#75
Fluoranthene
Concen: 5.122 ng
RT: 19.048 min Scan# 2739
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 889535

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.4	0.0	38.0

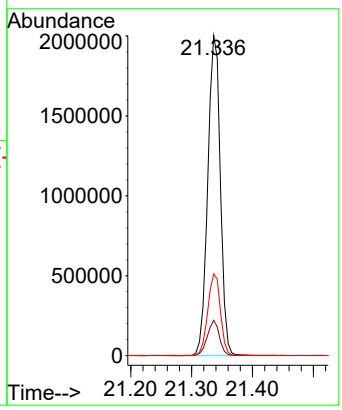




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:240 Resp: 287336

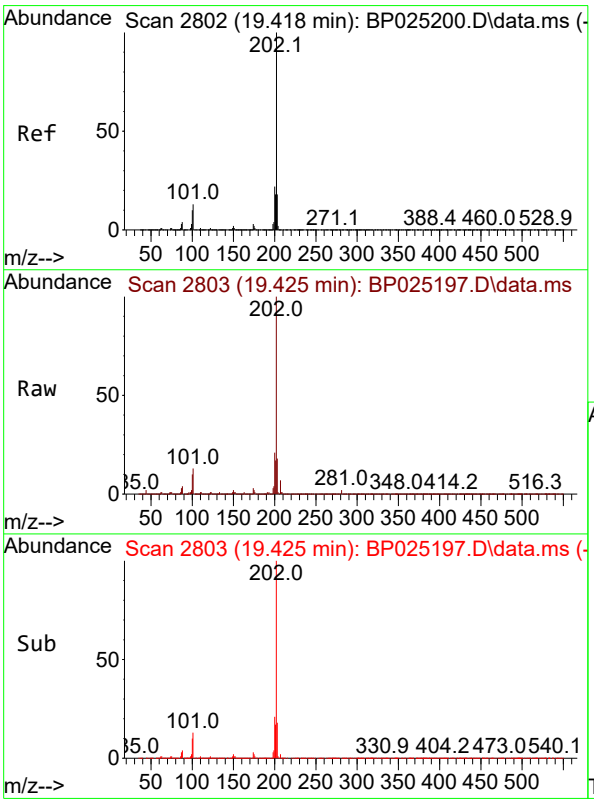
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	25.5	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

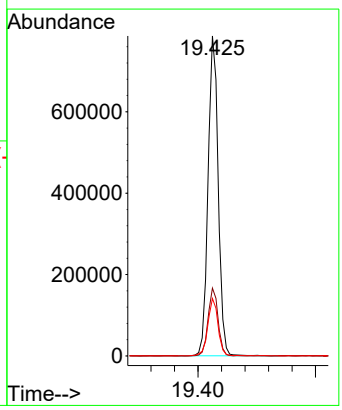
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

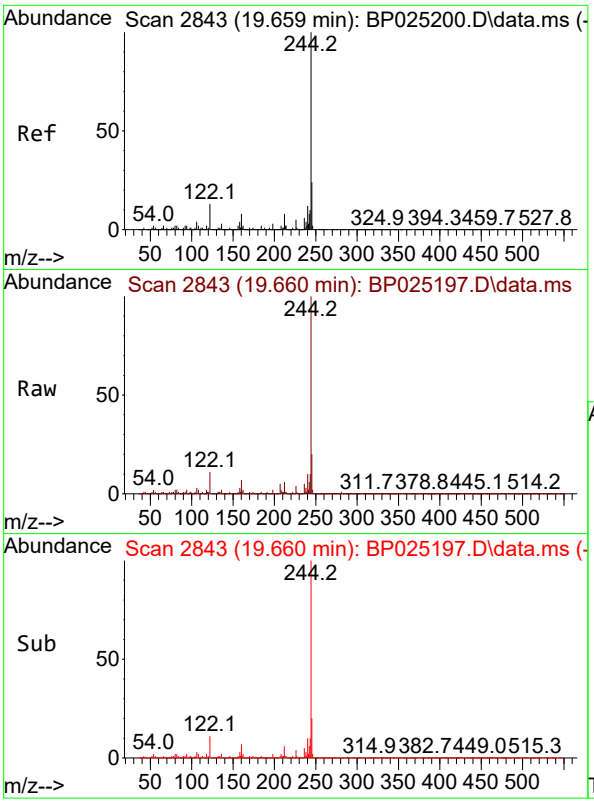


#78
Pyrene
Concen: 5.177 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 945415

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5

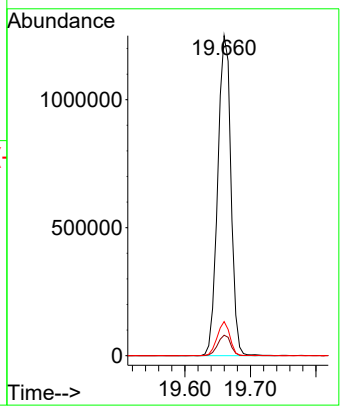




#79
Terphenyl-d14
Concen: 11.285 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:244 Resp: 173635

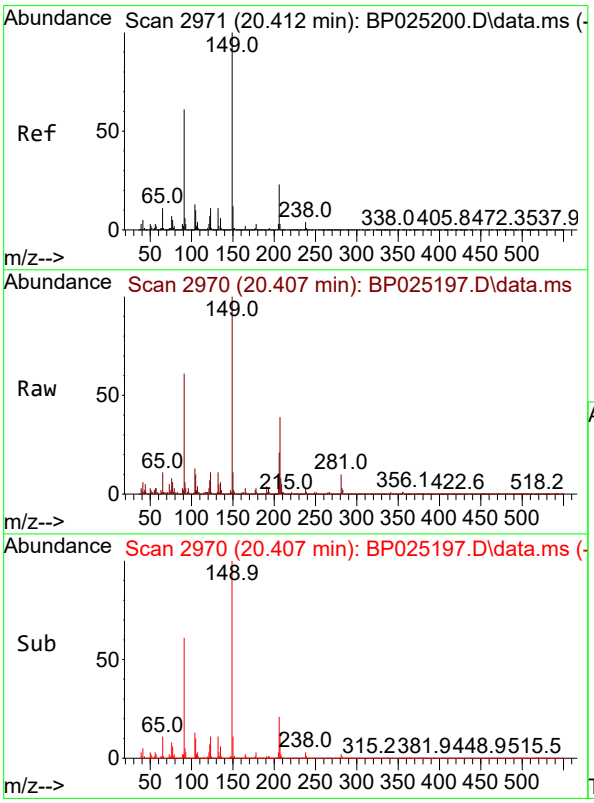
Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8
122	10.7	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

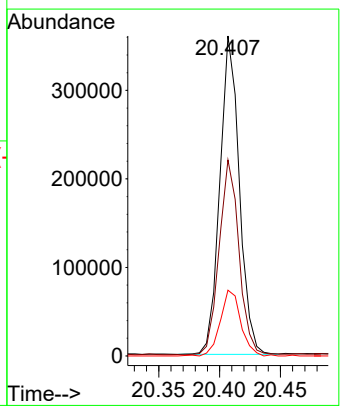
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

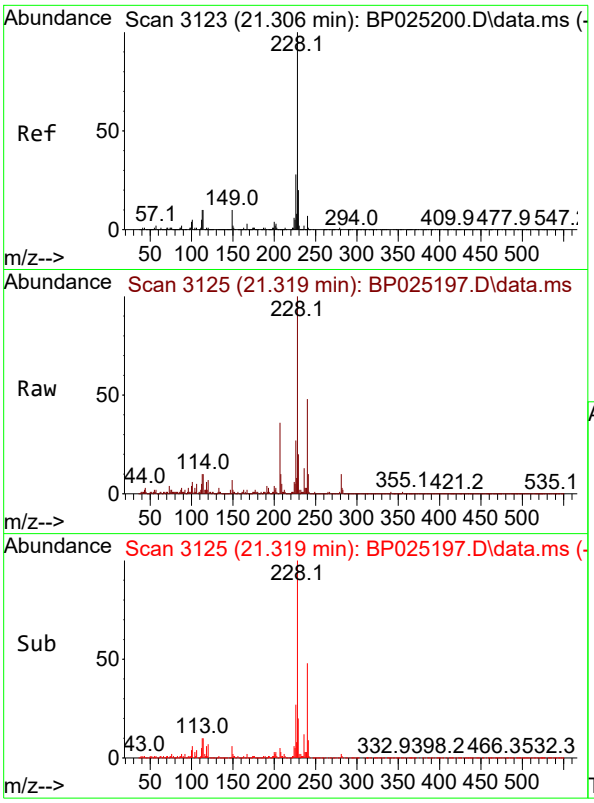


#80
Butylbenzylphthalate
Concen: 4.973 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 400726

Ion	Ratio	Lower	Upper
149	100		
91	61.3	48.8	73.2
206	20.6	18.4	27.6





#81
Benzo(a)anthracene
Concen: 5.147 ng
RT: 21.319 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

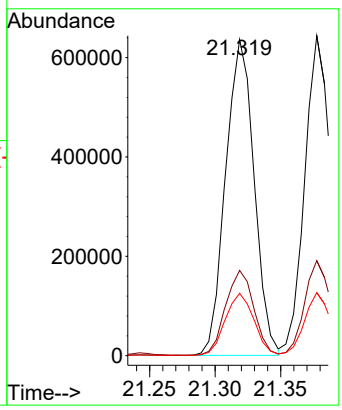
Tgt Ion:228 Resp: 96193

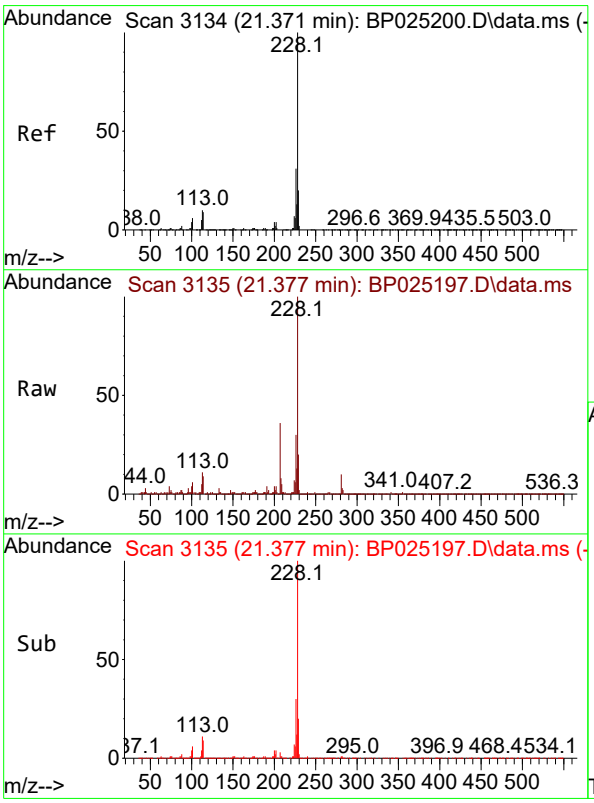
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.7	16.2	24.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

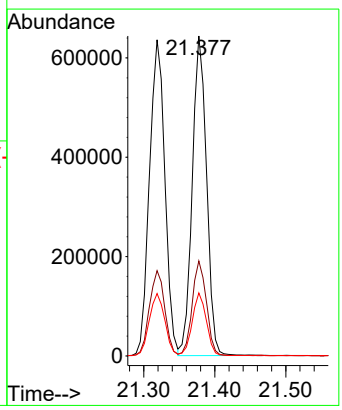


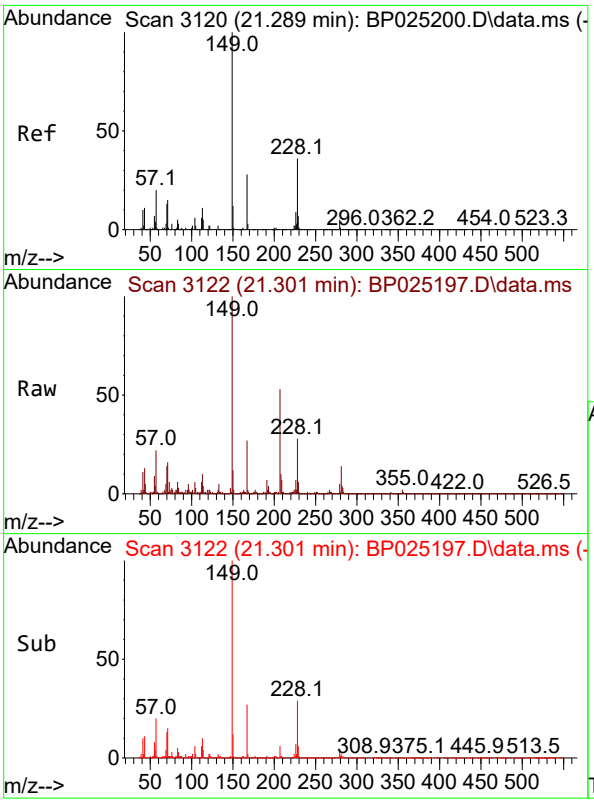


#83
Chrysene
Concen: 5.166 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:228 Resp: 900450

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.7	16.0	24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 21.301 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

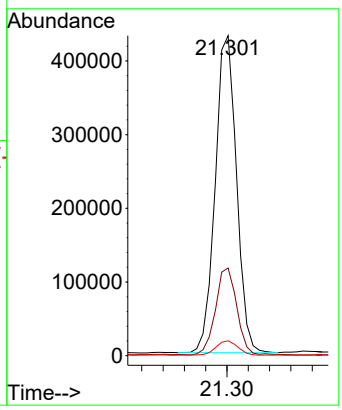
Tgt Ion:149 Resp: 59495

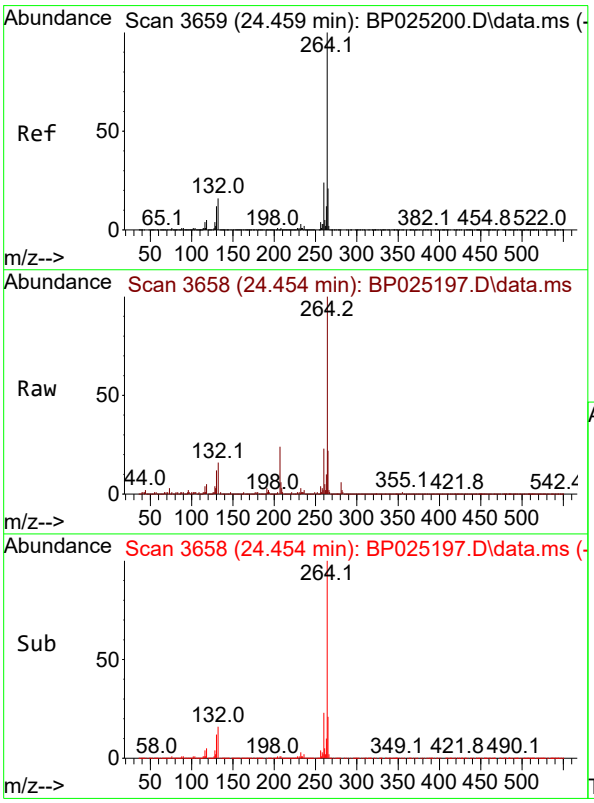
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.7	4.0	6.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

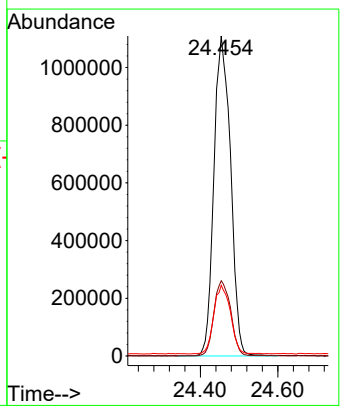


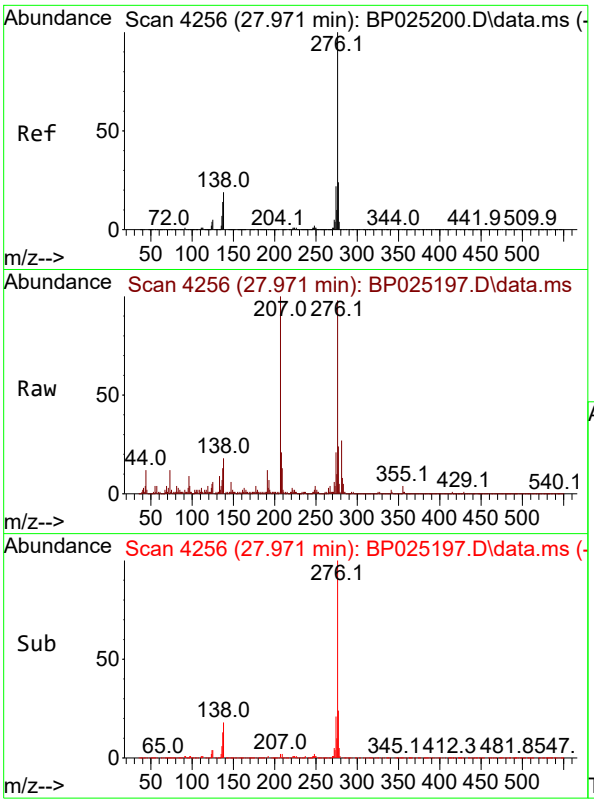


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:264 Resp: 3311045

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.5	26.3

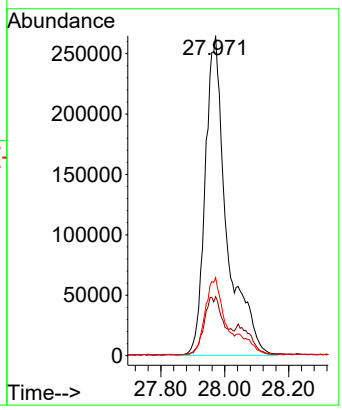




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.093 ng m
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 123959

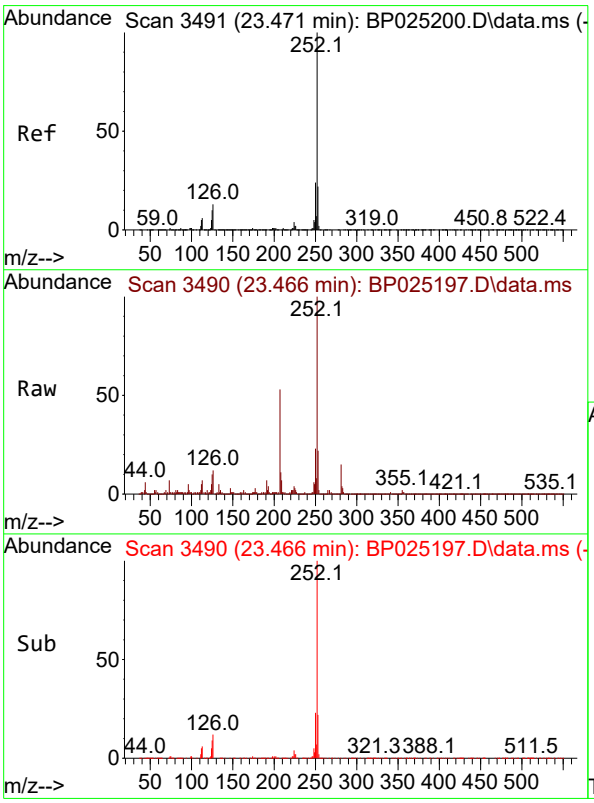
Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.8	19.2
277	20.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

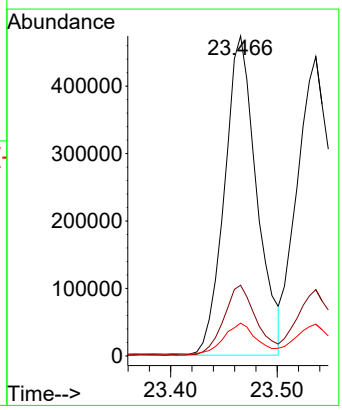
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

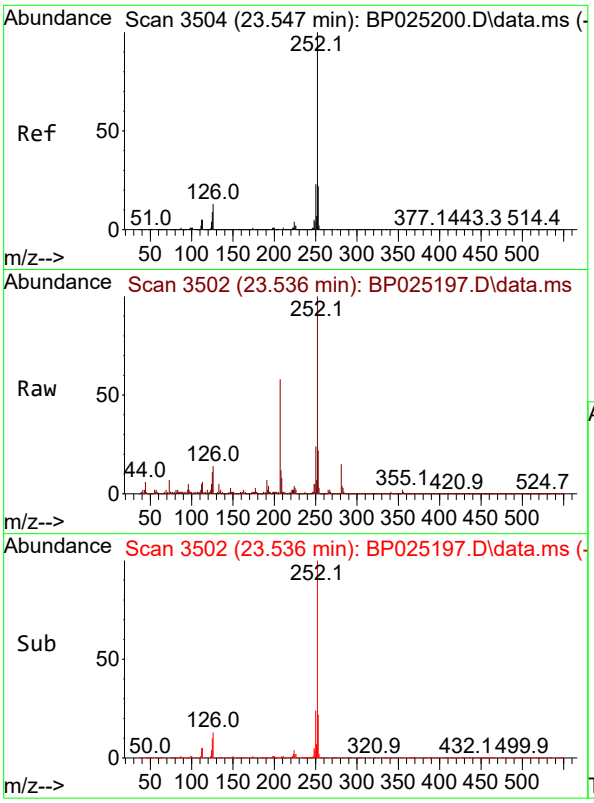


#88
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 23.466 min Scan# 3490
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 993434

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.3	7.8	11.8

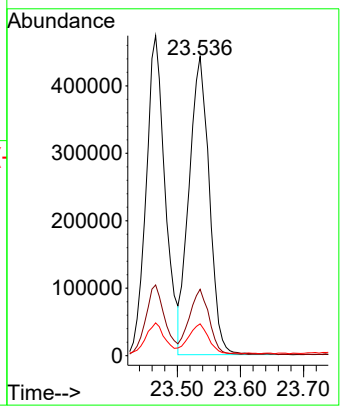




#89
Benzo(k)fluoranthene
Concen: 5.140 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 98547

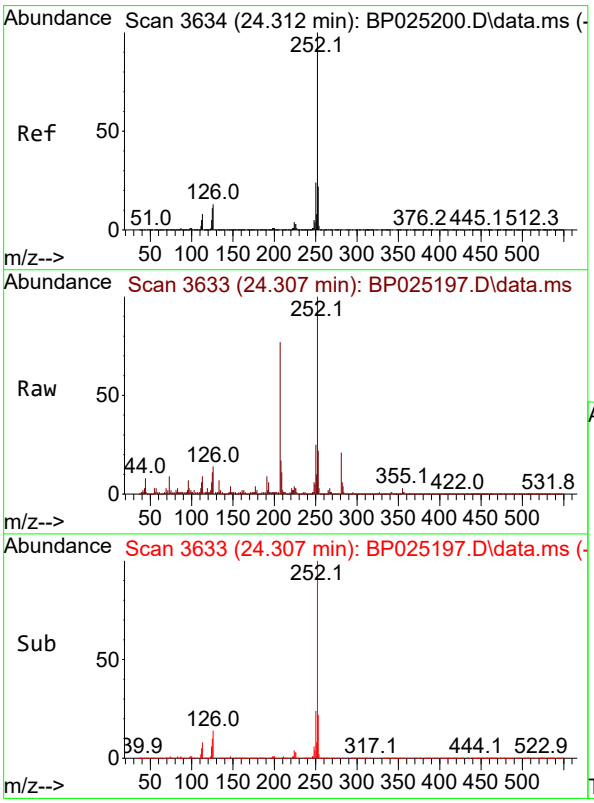
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.6	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

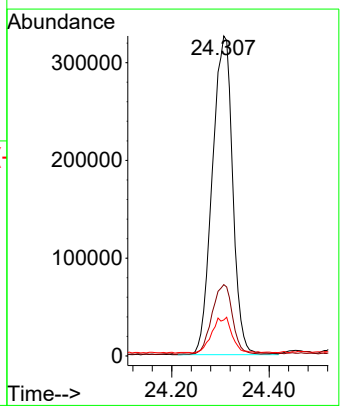
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

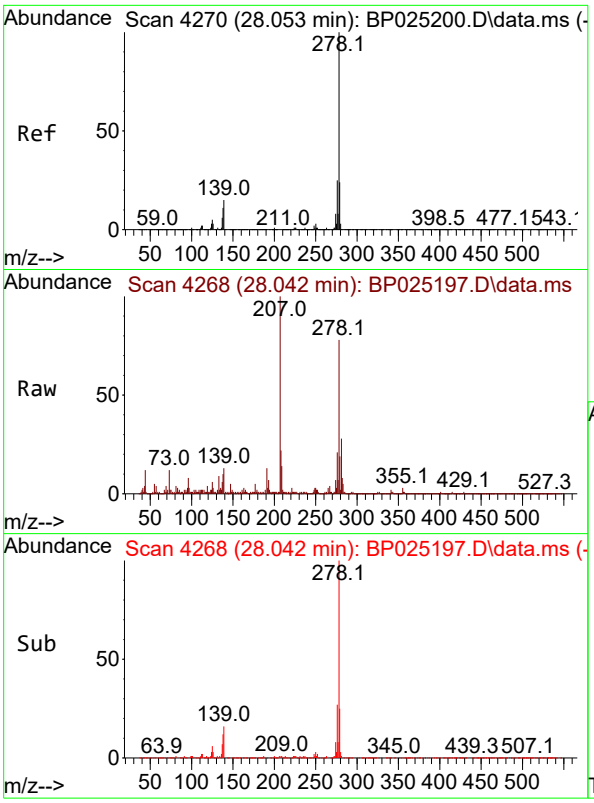


#90
Benzo(a)pyrene
Concen: 5.054 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 947324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.3	8.6	12.8

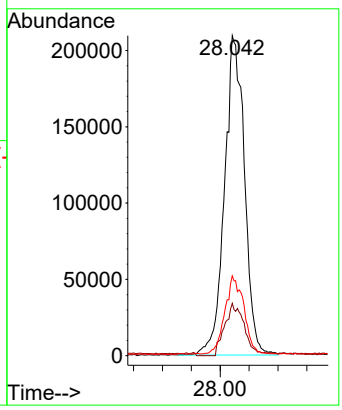




#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

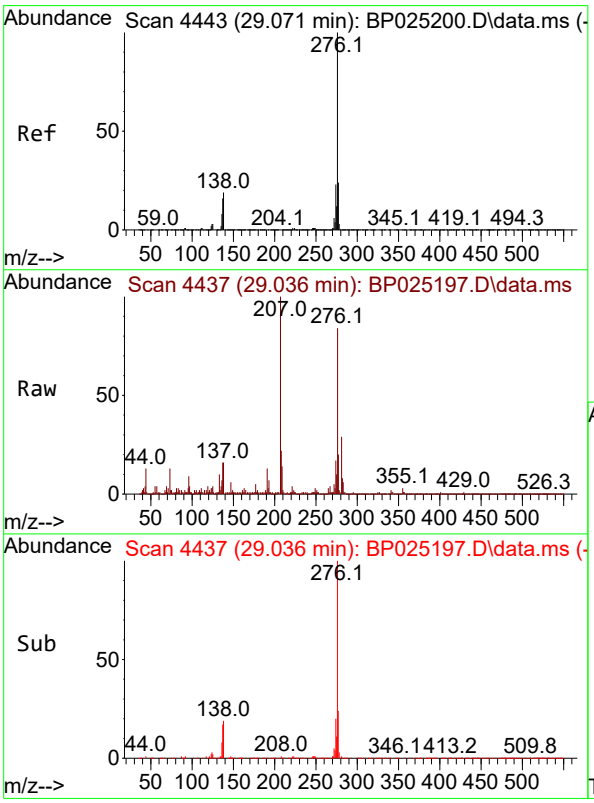
Tgt Ion:278 Resp: 100633

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.0	18.0
279	24.9	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

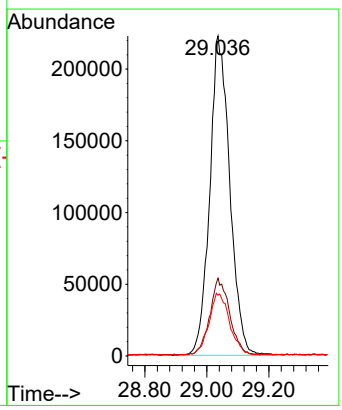
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 5.127 ng
RT: 29.036 min Scan# 4437
Delta R.T. -0.035 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 1002521

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	19.0	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	520728	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2046616	20.000	ng		0.00
39) Acenaphthene-d10	14.083	164	1320566	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2625603	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2939535	20.000	ng		0.00
86) Perylene-d12	24.453	264	3517768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	602627	19.333	ng		0.00
7) Phenol-d6	6.637	99	742472	19.294	ng		0.00
23) Nitrobenzene-d5	8.560	82	726773	19.470	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	380466	19.375	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	2013844	20.189	ng		0.00
79) Terphenyl-d14	19.654	244	3414680	21.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	116581	9.952	ng		99
3) Pyridine	3.496	79	296665	9.561	ng		99
4) n-Nitrosodimethylamine	3.408	42	115366	9.421	ng	#	93
6) Aniline	6.772	93	473154	9.455	ng		99
8) 2-Chlorophenol	7.013	128	335129	9.555	ng		99
9) Benzaldehyde	6.596	77	240839	8.757	ng		98
10) Phenol	6.660	94	381137	9.573	ng		99
11) bis(2-Chloroethyl)ether	6.872	93	293018	9.585	ng		98
12) 1,3-Dichlorobenzene	7.325	146	388508	9.764	ng		98
13) 1,4-Dichlorobenzene	7.466	146	389463	9.699	ng		98
14) 1,2-Dichlorobenzene	7.772	146	369794	9.584	ng		98
15) Benzyl Alcohol	7.672	79	260442	9.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	373210	9.518	ng		98
17) 2-Methylphenol	7.878	107	261165	9.483	ng		99
18) Hexachloroethane	8.484	117	132688	9.677	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	217824	9.392	ng		99
20) 3+4-Methylphenols	8.195	107	352479	9.371	ng		98
22) Acetophenone	8.243	105	478842	9.878	ng	#	98
24) Nitrobenzene	8.607	77	324205	9.800	ng		98
25) Isophorone	9.131	82	627451	9.598	ng		98
26) 2-Nitrophenol	9.307	139	172919	9.287	ng		96
27) 2,4-Dimethylphenol	9.384	122	307178	9.690	ng		99
28) bis(2-Chloroethoxy)met...	9.607	93	399970	9.745	ng		99
29) 2,4-Dichlorophenol	9.831	162	312211	9.603	ng		98
30) 1,2,4-Trichlorobenzene	10.048	180	353497	9.881	ng		99
31) Naphthalene	10.225	128	1041389	9.771	ng		100
32) Benzoic acid	9.472	122	186508	8.056	ng		96
33) 4-Chloroaniline	10.342	127	447675	9.674	ng		99
34) Hexachlorobutadiene	10.519	225	210009	9.775	ng		97
35) Caprolactam	11.107	113	101593	9.495	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	318251	9.801	ng		98
37) 2-Methylnaphthalene	11.860	142	674086	9.778	ng		99
38) 1-Methylnaphthalene	12.078	142	708010	9.738	ng		100
40) 1,2,4,5-Tetrachloroben...	12.236	216	388223	9.708	ng		99
41) Hexachlorocyclopentadiene	12.225	237	190047	8.380	ng		99
43) 2,4,6-Trichlorophenol	12.489	196	260478	9.640	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

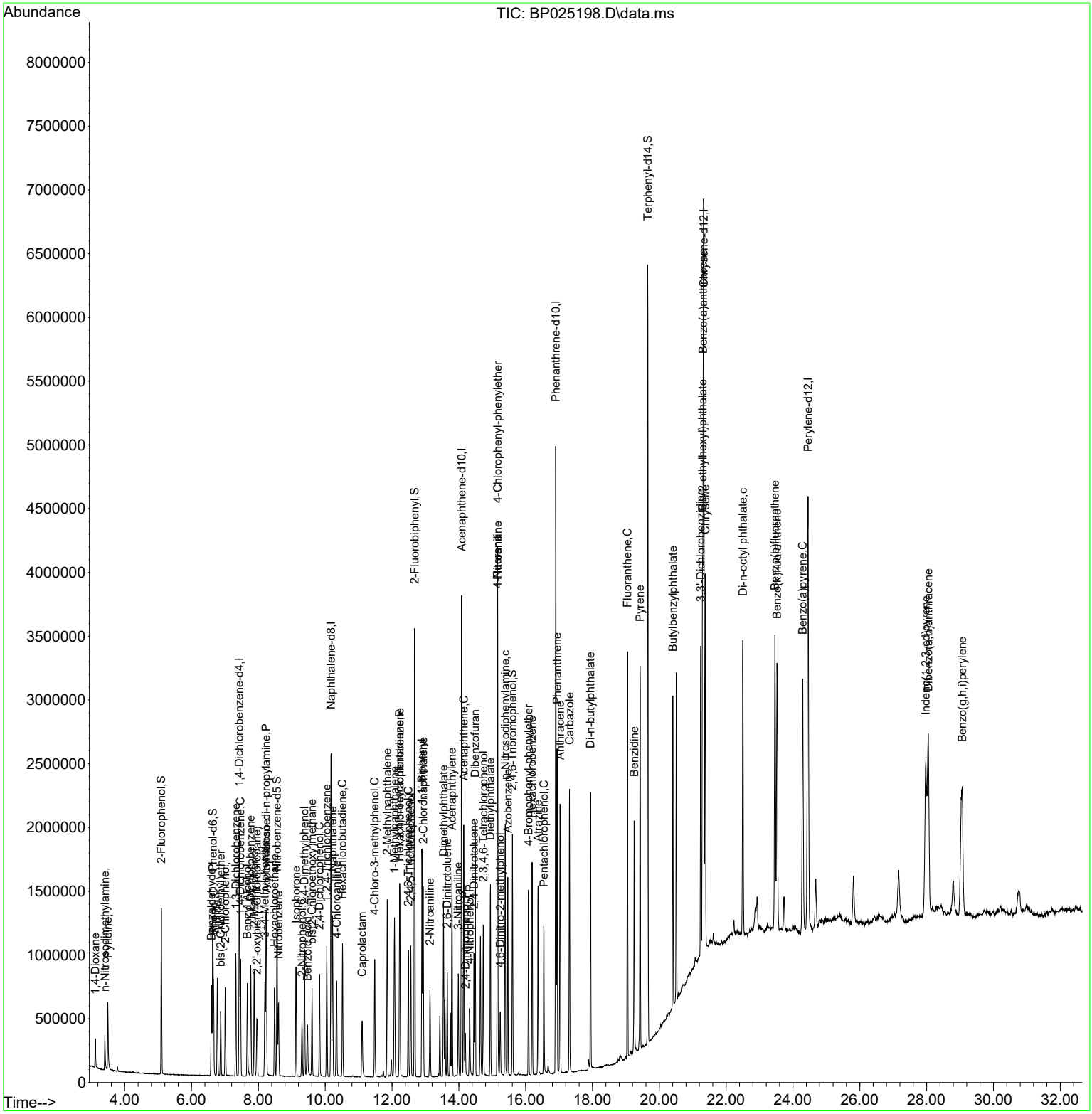
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	289420	9.717	ng	98
46) 1,1'-Biphenyl	12.895	154	973396	9.969	ng	99
47) 2-Chloronaphthalene	12.936	162	755649	9.989	ng	99
48) 2-Nitroaniline	13.136	65	181056	9.541	ng	95
49) Acenaphthylene	13.795	152	1217151	9.811	ng	98
50) Dimethylphthalate	13.542	163	949801	9.858	ng	100
51) 2,6-Dinitrotoluene	13.654	165	194525	9.537	ng	98
52) Acenaphthene	14.148	154	705723	9.875	ng	100
53) 3-Nitroaniline	13.983	138	222495	9.668	ng	97
54) 2,4-Dinitrophenol	14.195	184	88097	7.708	ng	99
55) Dibenzofuran	14.489	168	1136303	9.821	ng	99
56) 4-Nitrophenol	14.325	139	182691	9.316	ng	97
57) 2,4-Dinitrotoluene	14.454	165	265442	9.342	ng	98
58) Fluorene	15.154	166	912923	9.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	251016	9.520	ng	98
60) Diethylphthalate	14.948	149	929443	9.763	ng	99
61) 4-Chlorophenyl-phenyle...	15.160	204	466528	10.029	ng	99
62) 4-Nitroaniline	15.166	138	223854	9.546	ng	98
63) Azobenzene	15.466	77	741495	9.696	ng	99
65) 4,6-Dinitro-2-methylph...	15.242	198	132736	8.075	ng	99
66) n-Nitrosodiphenylamine	15.389	169	810248	9.909	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	303682	9.810	ng	97
68) Hexachlorobenzene	16.195	284	360593	9.755	ng	96
69) Atrazine	16.372	200	292440	9.812	ng	98
70) Pentachlorophenol	16.548	266	223420	9.080	ng	98
71) Phenanthrene	16.942	178	1465440	10.017	ng	99
72) Anthracene	17.030	178	1482992	9.985	ng	99
73) Carbazole	17.313	167	1406173	9.951	ng	99
74) Di-n-butylphthalate	17.942	149	1638310	9.887	ng	99
75) Fluoranthene	19.048	202	1762633	10.190	ng	99
77) Benzidine	19.248	184	1045235	9.309	ng	99
78) Pyrene	19.424	202	1805942	9.667	ng	99
80) Butylbenzylphthalate	20.407	149	787501	9.553	ng	98
81) Benzo(a)anthracene	21.312	228	1894426	9.908	ng	99
82) 3,3'-Dichlorobenzidine	21.242	252	770405	9.826	ng	98
83) Chrysene	21.377	228	1767347	9.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	1177770	9.800	ng	99
85) Di-n-octyl phthalate	22.501	149	2011265	9.601	ng	100
87) Indeno(1,2,3-cd)pyrene	27.977	276	2512454	9.716	ng	99
88) Benzo(b)fluoranthene	23.459	252	2047782	9.982	ng	100
89) Benzo(k)fluoranthene	23.524	252	1965076	9.648	ng	99
90) Benzo(a)pyrene	24.295	252	1933168	9.708	ng	98
91) Dibenzo(a,h)anthracene	28.053	278	2076587	9.792	ng	98
92) Benzo(g,h,i)perylene	29.065	276	2006207	9.658	ng	98

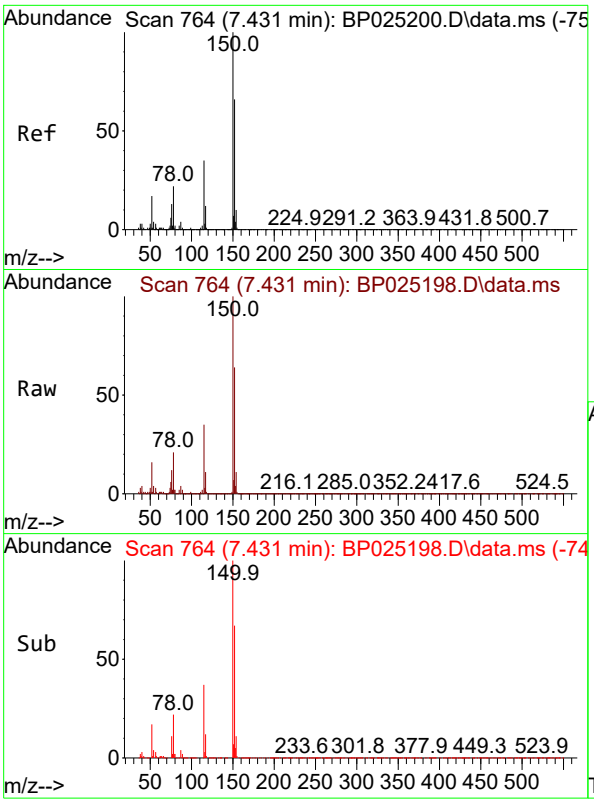
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



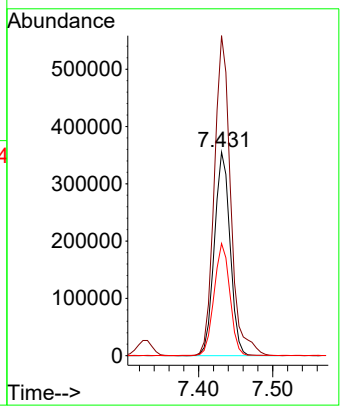


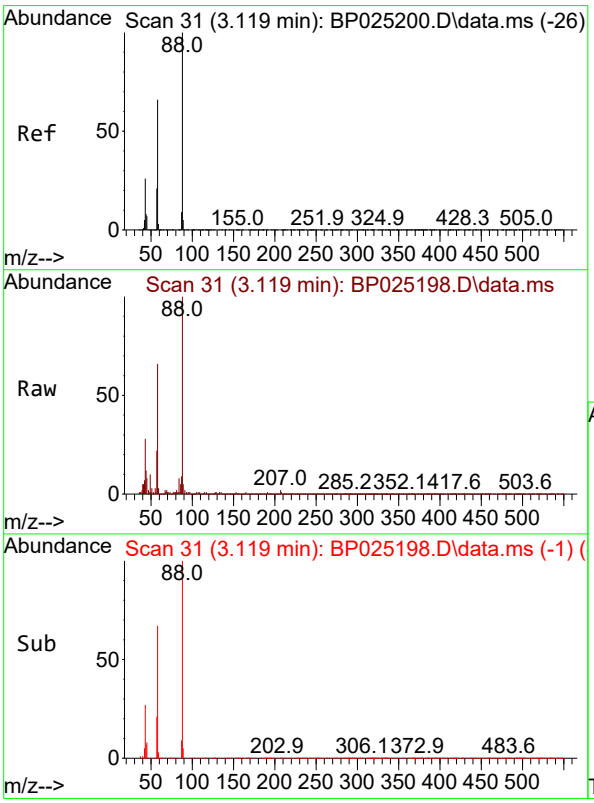
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 520728

Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.9	182.9
115	55.1	43.0	64.6

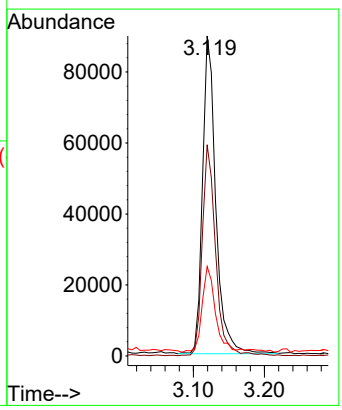


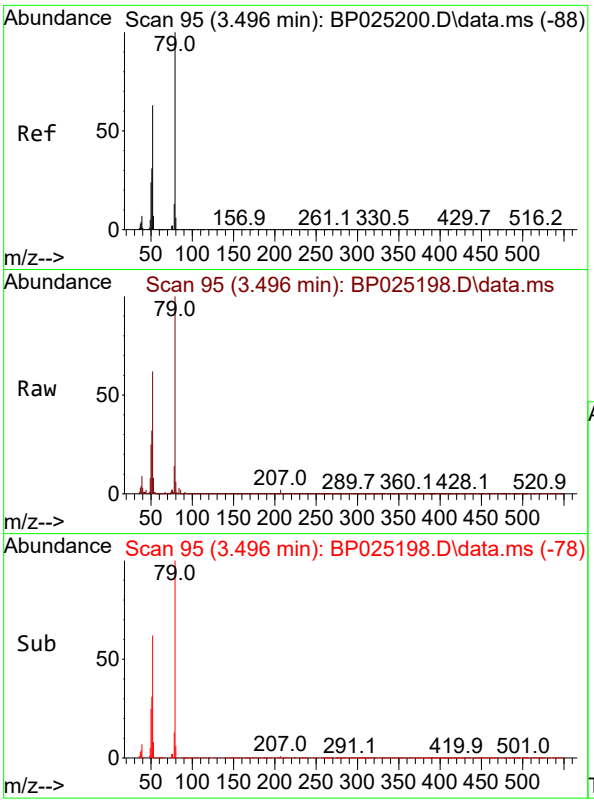


#2
1,4-Dioxane
Concen: 9.952 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 88 Resp: 116581

Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.5	80.3
43	26.9	20.8	31.2



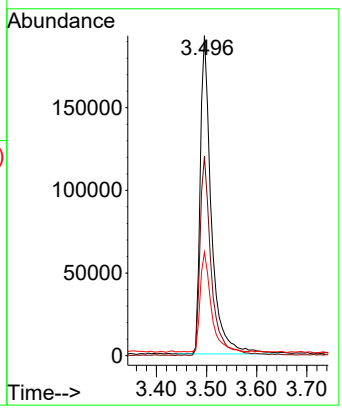


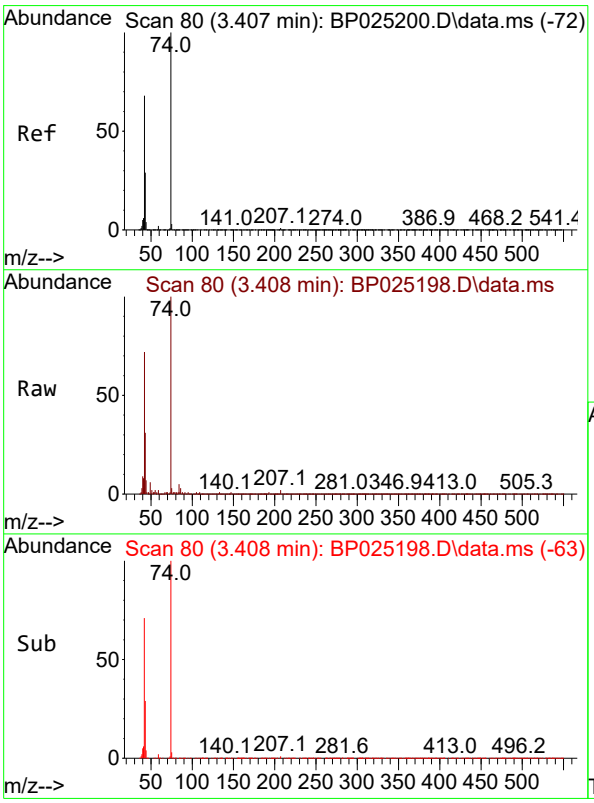
#3
Pyridine
Concen: 9.561 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 296665

Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	32.3	25.0	37.4

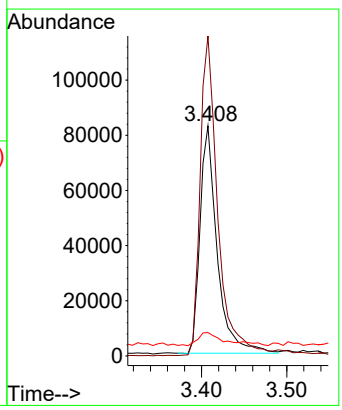


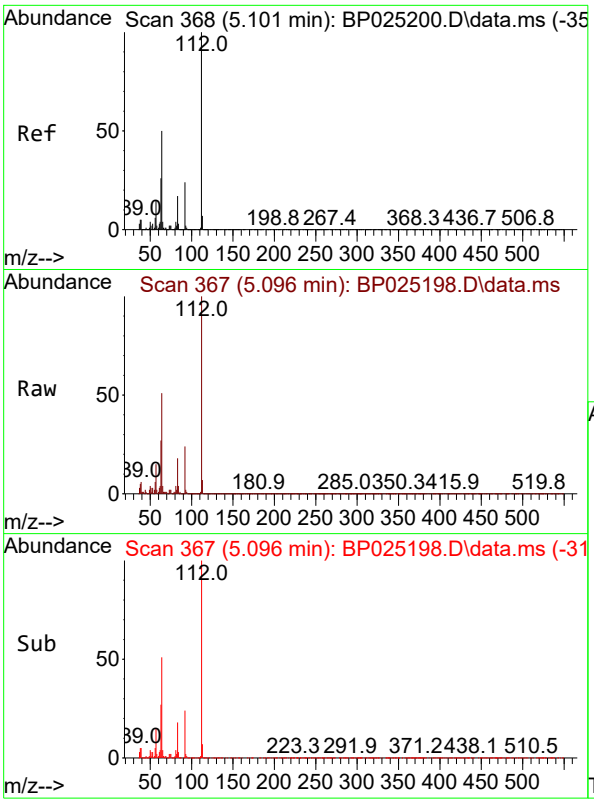


#4
n-Nitrosodimethylamine
Concen: 9.421 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 42 Resp: 115366

Ion	Ratio	Lower	Upper
42	100		
74	139.0	118.0	177.0
44	10.2	5.5	8.3#



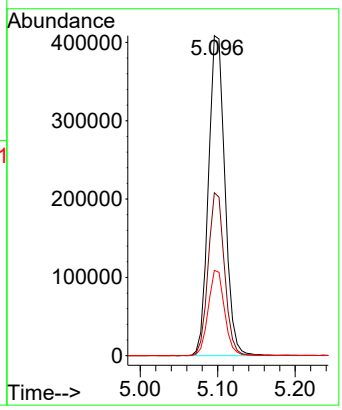


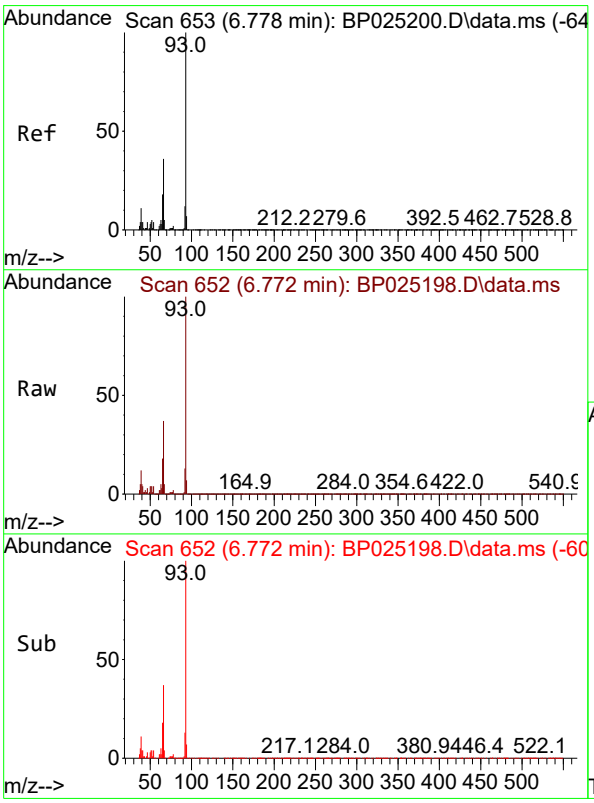
#5
2-Fluorophenol
Concen: 19.333 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 602627

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	26.7	20.5	30.7

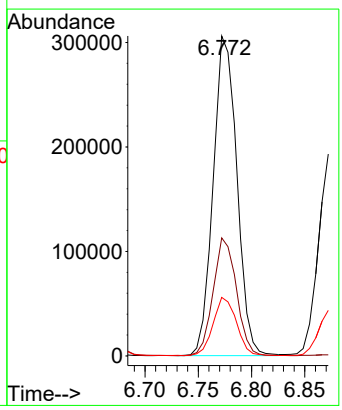


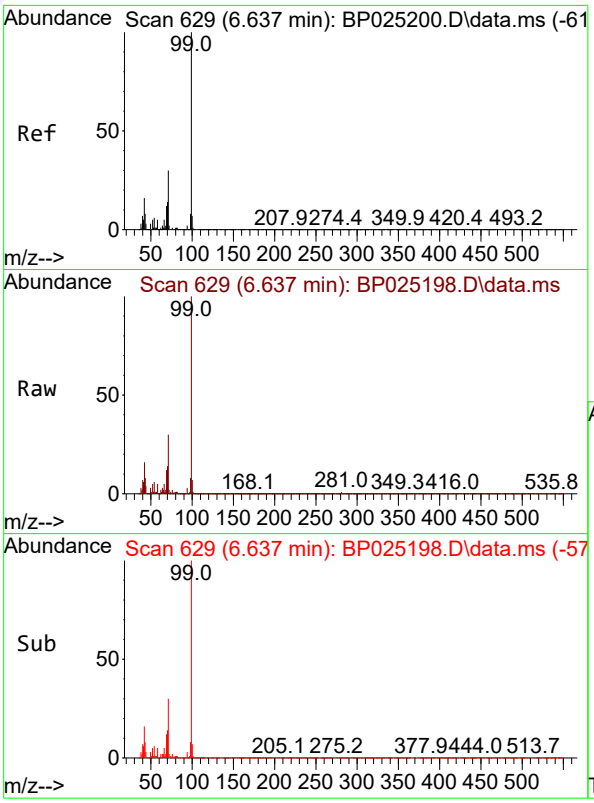


#6
Aniline
Concen: 9.455 ng
RT: 6.772 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 473154

Ion	Ratio	Lower	Upper
93	100		
66	36.9	28.6	43.0
65	18.3	14.6	21.8



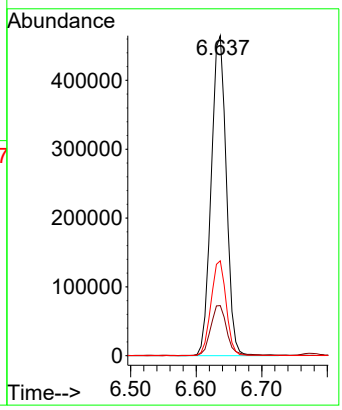


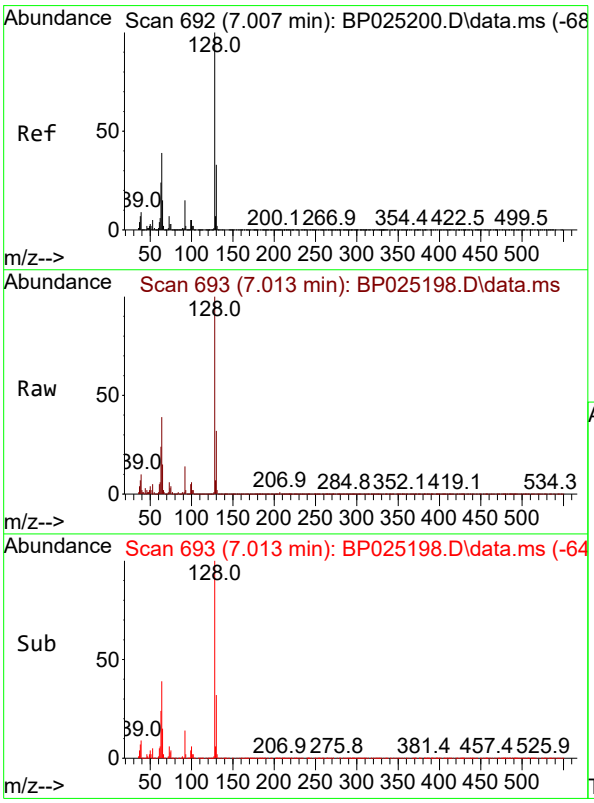
#7
Phenol-d6
Concen: 19.294 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 742472

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	29.7	24.2	36.2

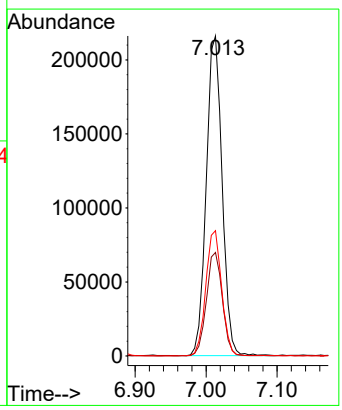


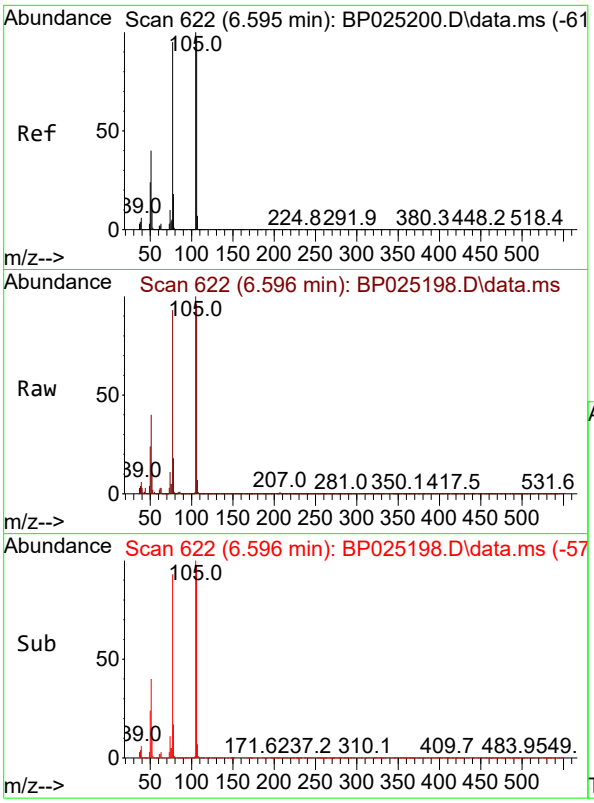


#8
2-Chlorophenol
Concen: 9.555 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:128 Resp: 335129

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	39.1	19.2	59.2



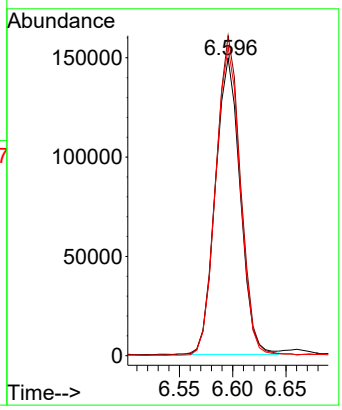


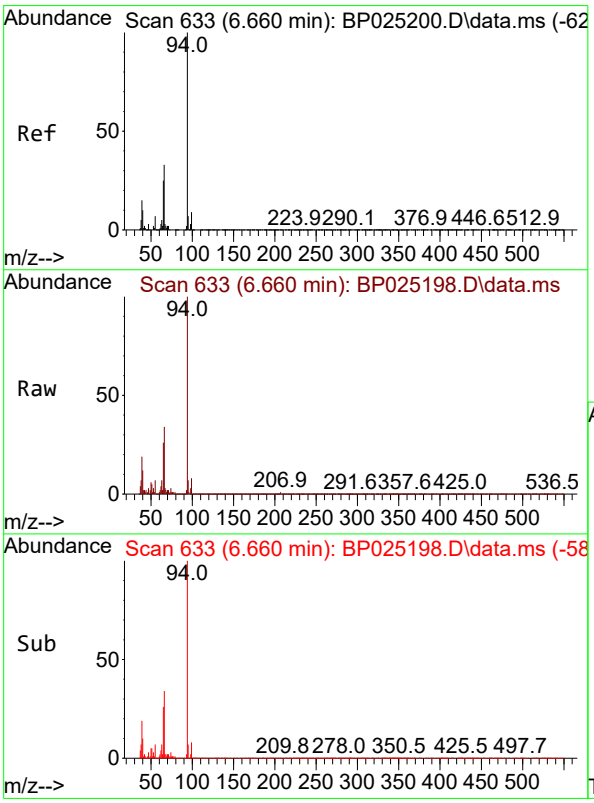
#9
Benzaldehyde
Concen: 8.757 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 240839

Ion	Ratio	Lower	Upper
77	100		
105	107.5	85.5	125.5
106	103.7	81.9	121.9

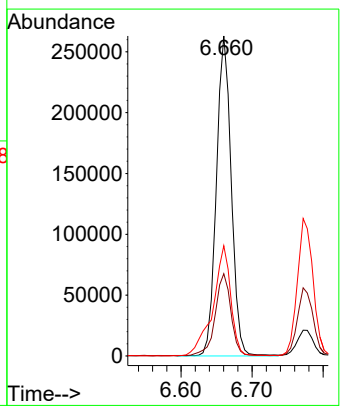


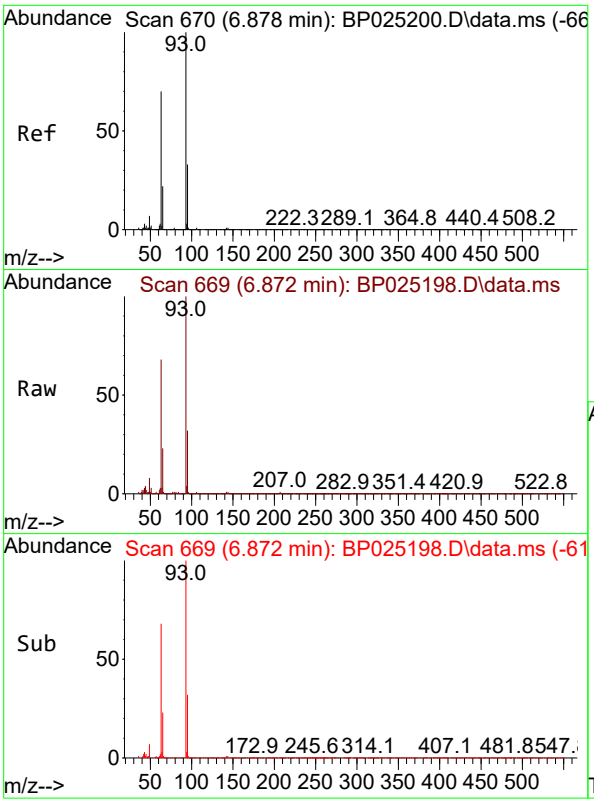


#10
Phenol
Concen: 9.573 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 94 Resp: 381137

Ion	Ratio	Lower	Upper
94	100		
65	25.7	5.4	45.4
66	34.4	13.5	53.5



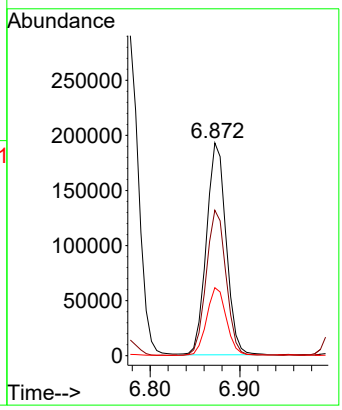


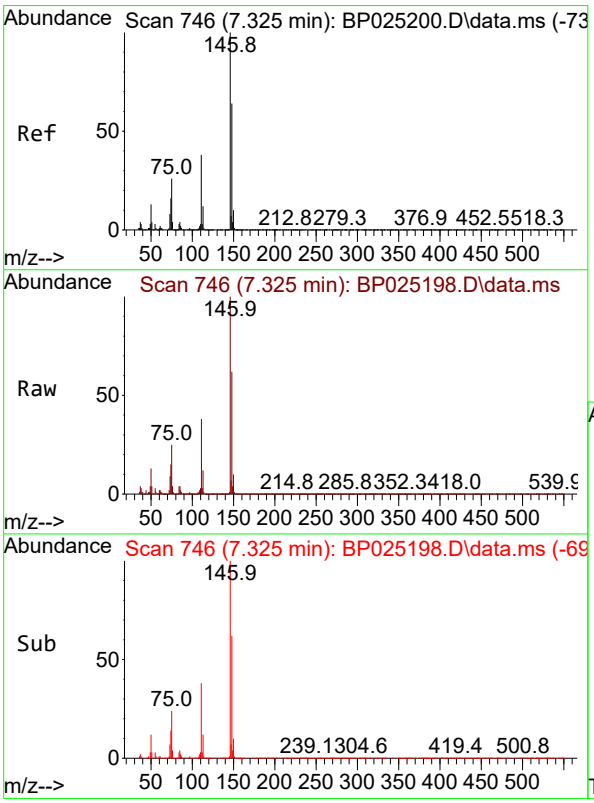
#11
bis(2-Chloroethyl)ether
Concen: 9.585 ng
RT: 6.872 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 293018

Ion	Ratio	Lower	Upper
93	100		
63	68.4	50.0	90.0
95	31.9	12.9	52.9

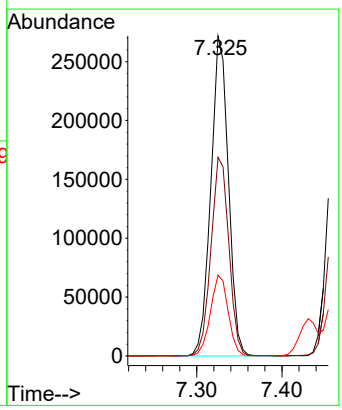


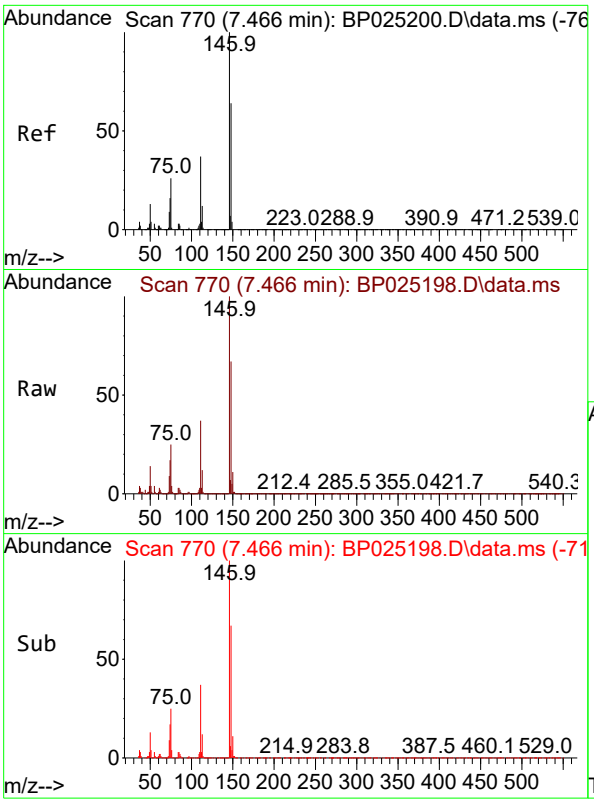


#12
1,3-Dichlorobenzene
Concen: 9.764 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 388508

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
75	25.3	20.6	31.0



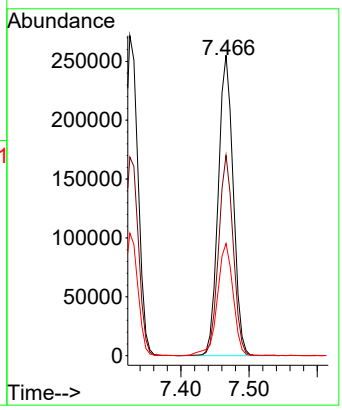


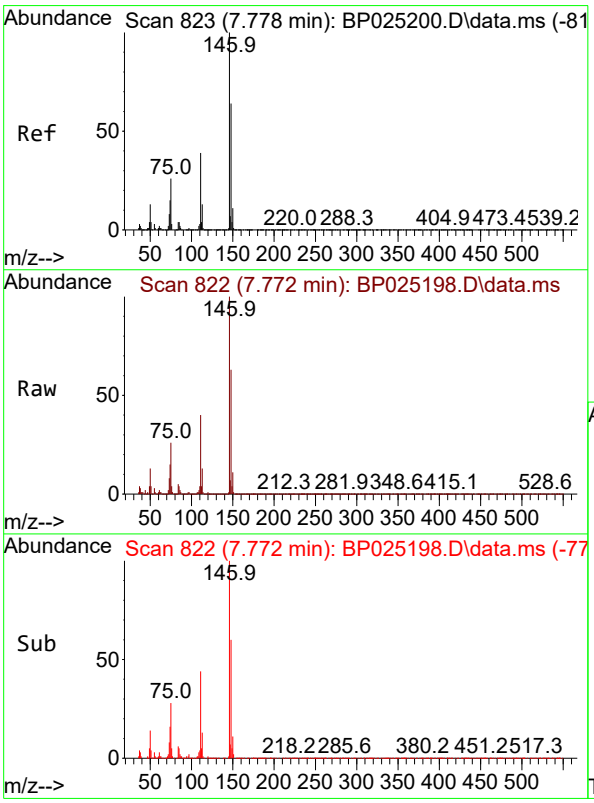
#13
1,4-Dichlorobenzene
Concen: 9.699 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 389463

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
111	37.3	29.9	44.9

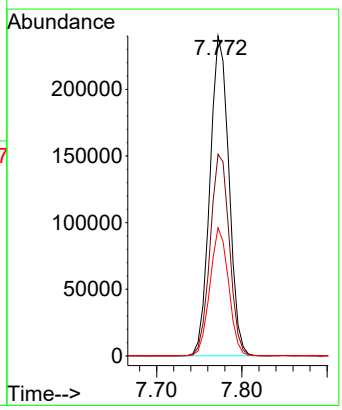


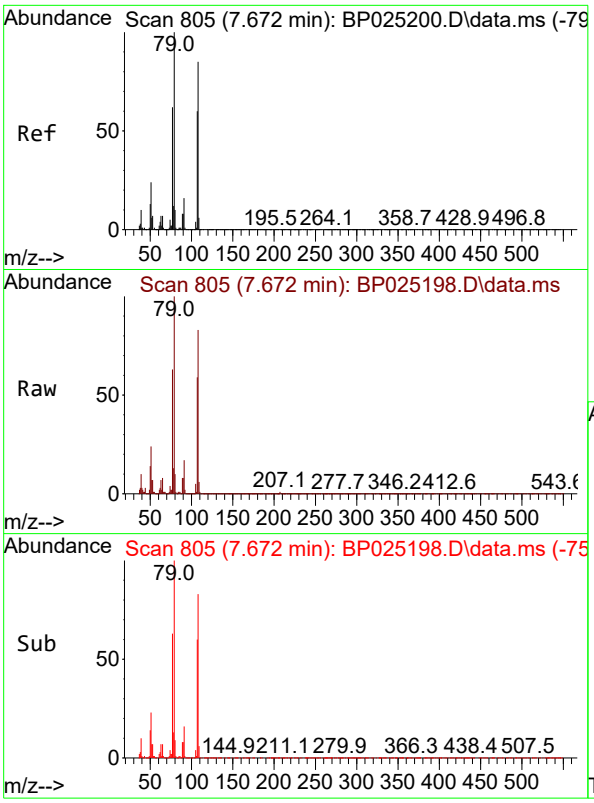


#14
1,2-Dichlorobenzene
Concen: 9.584 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 369794

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	40.0	31.3	46.9



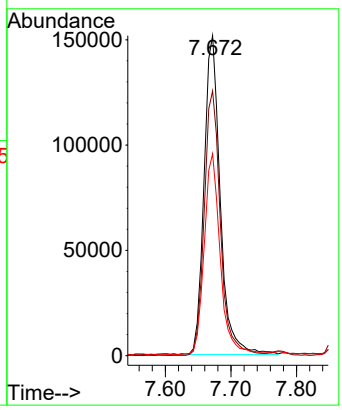


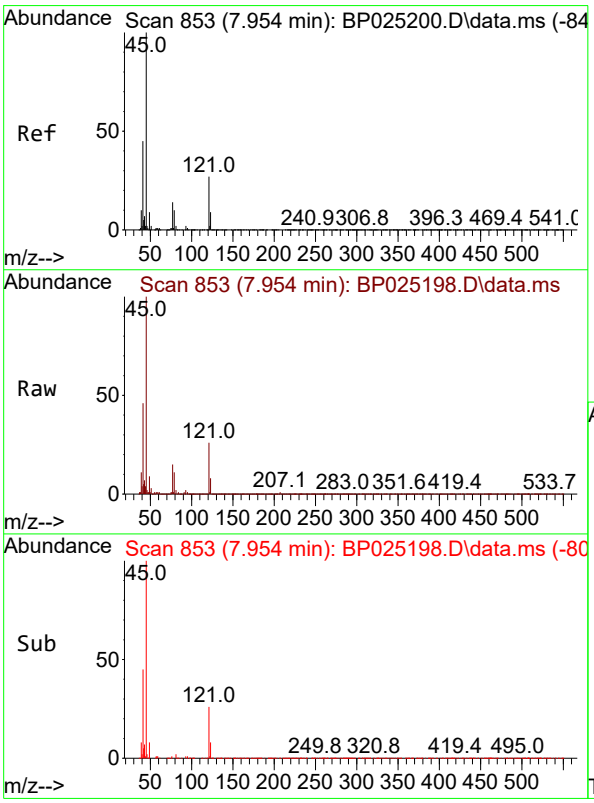
#15
Benzyl Alcohol
Concen: 9.442 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 260442

Ion	Ratio	Lower	Upper
79	100		
108	82.7	67.8	101.6
77	63.1	49.9	74.9

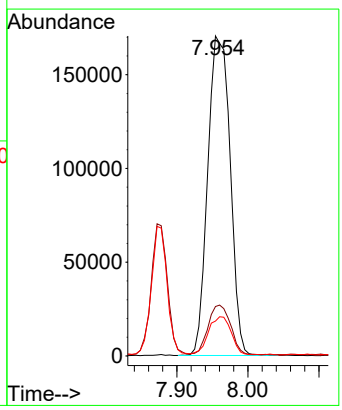


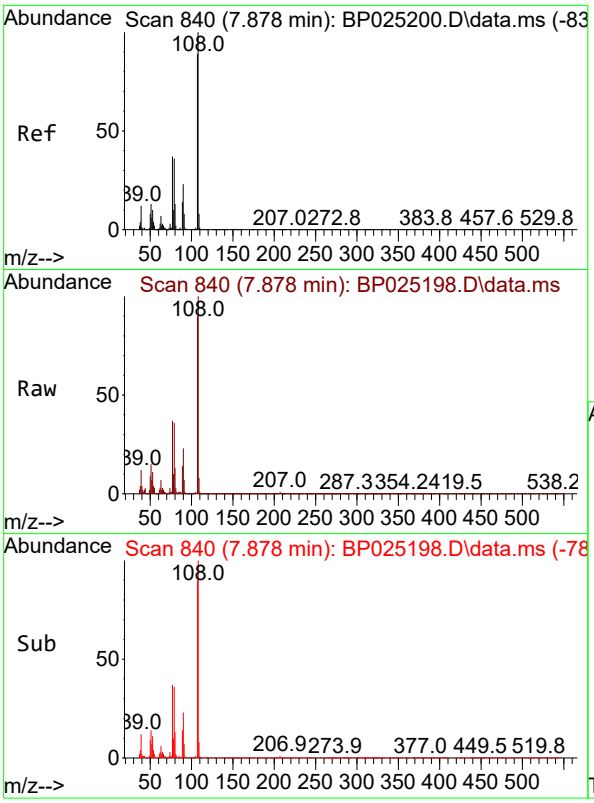


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.518 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 45 Resp: 373210

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	10.9	0.0	31.7



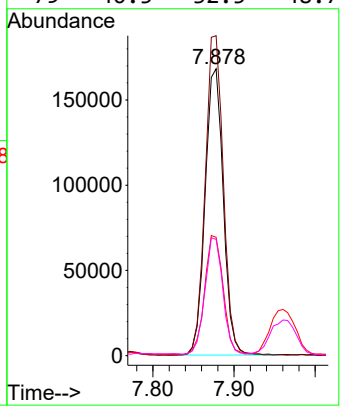


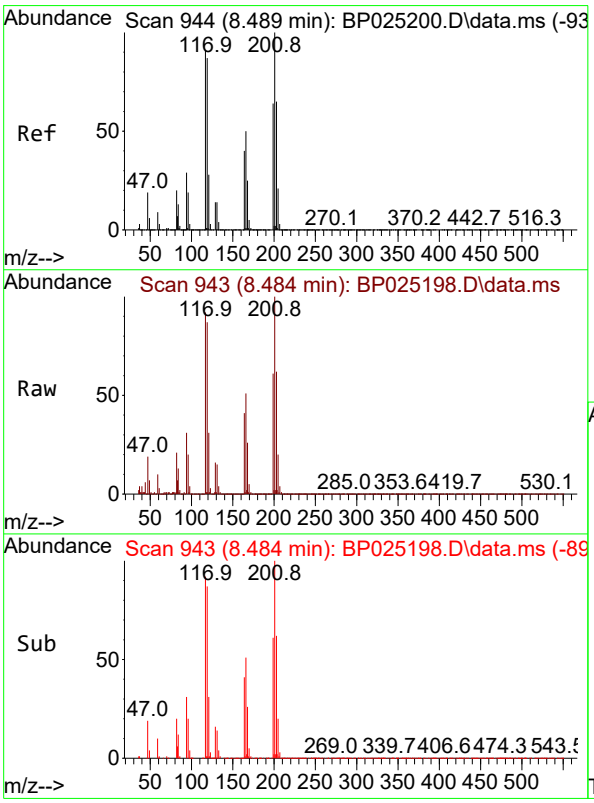
#17
2-Methylphenol
Concen: 9.483 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 261165

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.8
77	41.3	33.2	49.8
79	40.5	32.5	48.7

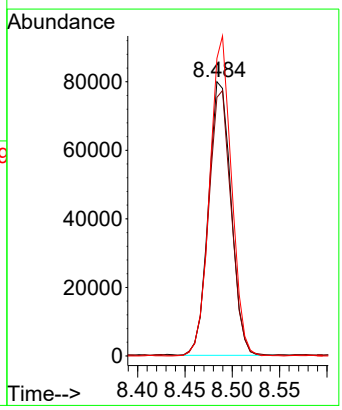


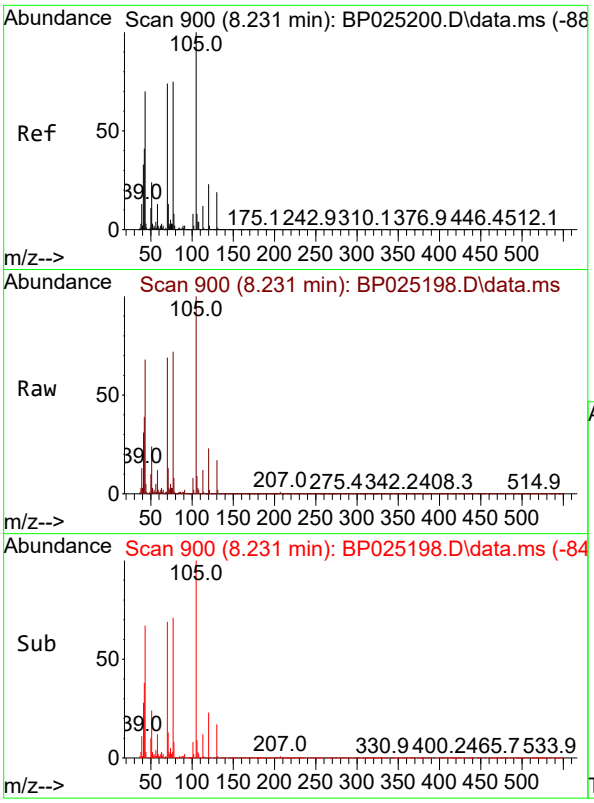


#18
Hexachloroethane
Concen: 9.677 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:117 Resp: 132688

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	108.5	88.3	132.5



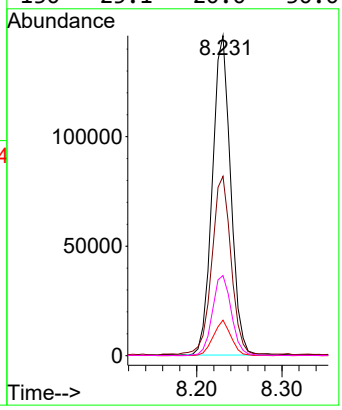


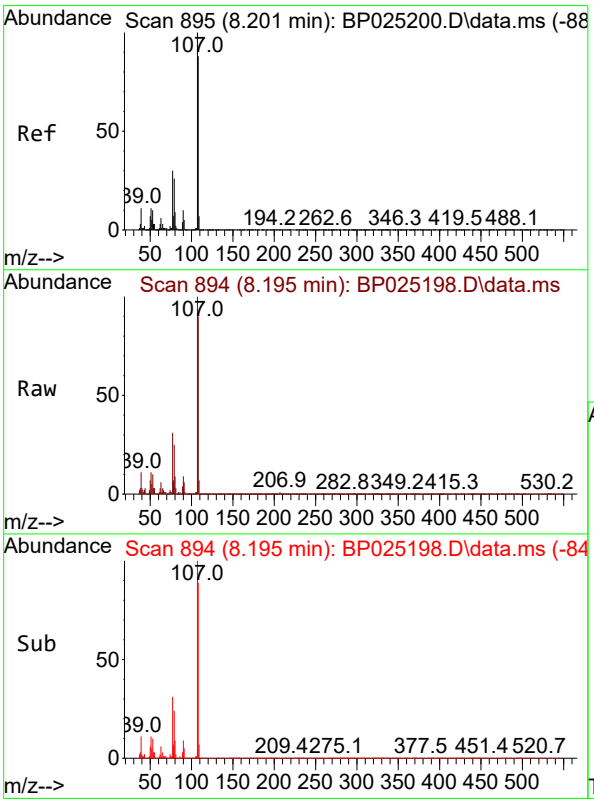
#19
n-Nitroso-di-n-propylamine
Concen: 9.392 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 217824

Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	11.1	8.6	12.8
130	25.1	20.0	30.0

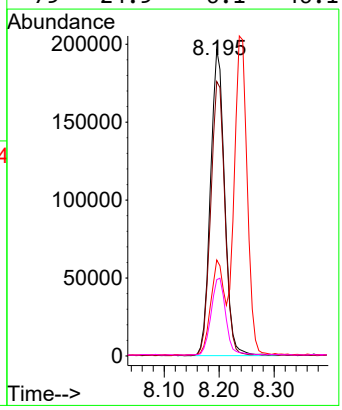


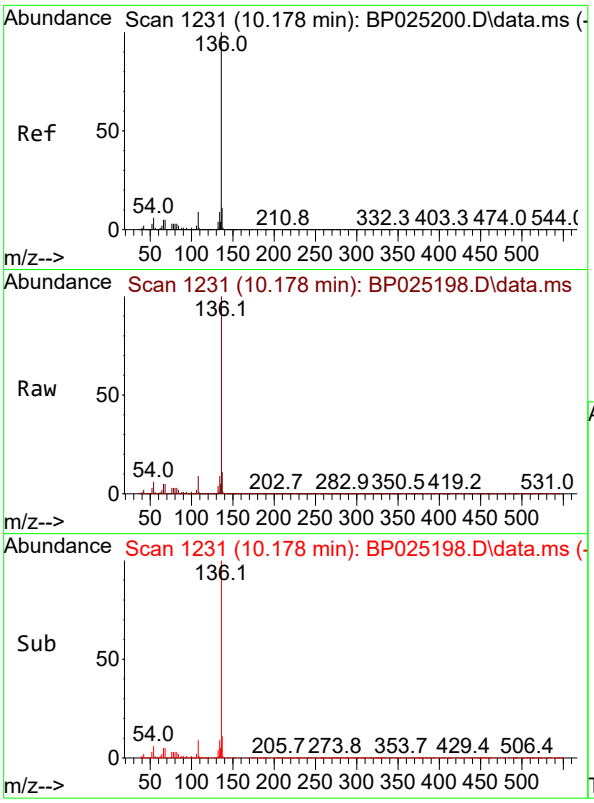


#20
3+4-Methylphenols
Concen: 9.371 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 352479

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	31.3	10.3	50.3
79	24.9	6.1	46.1



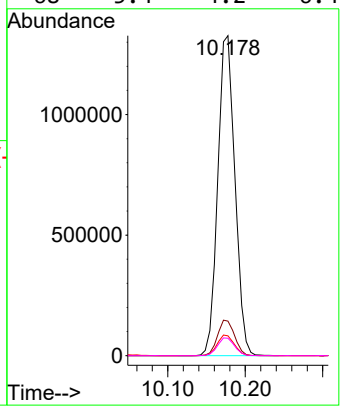


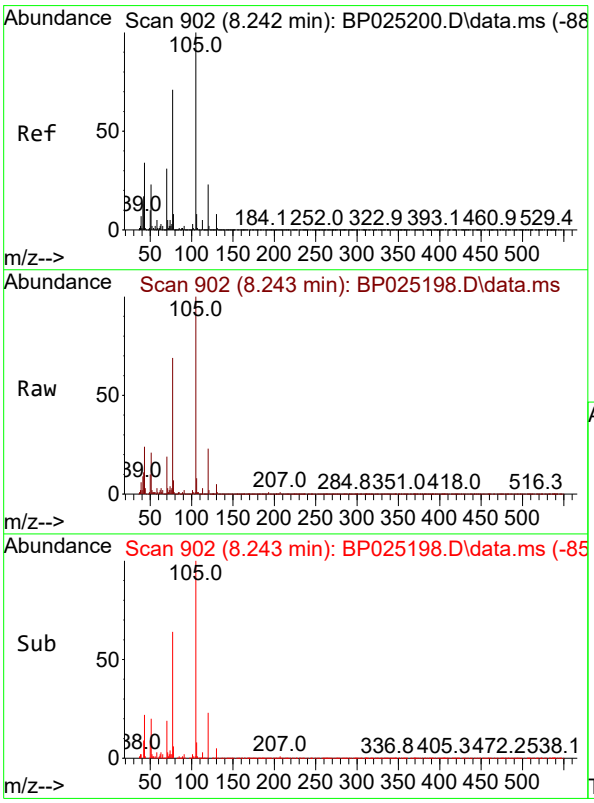
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 2046616

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.2	5.1	7.7
68	5.4	4.2	6.4

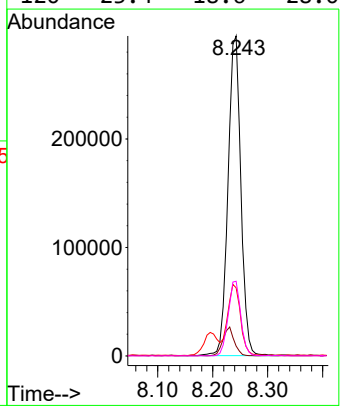


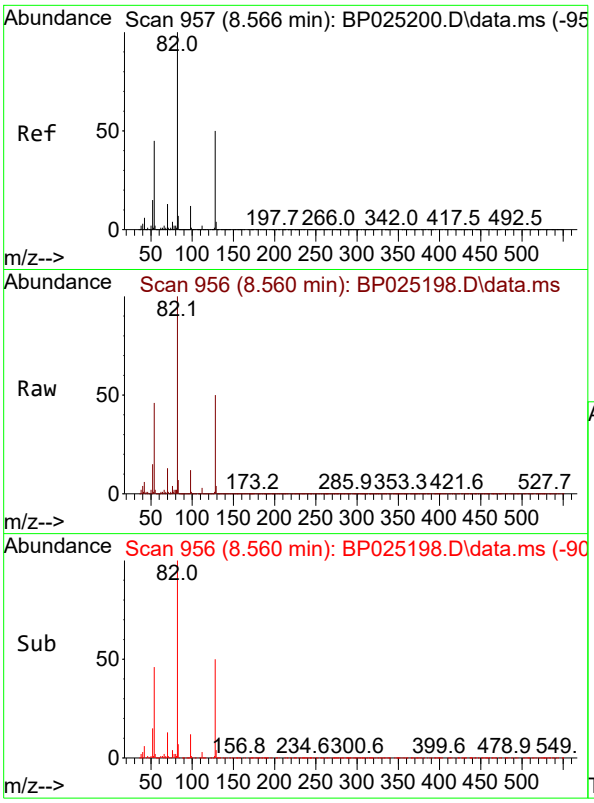


#22
Acetophenone
Concen: 9.878 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:105 Resp: 478842

Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.1	6.1#
51	21.3	18.5	27.7
120	23.4	18.6	28.0



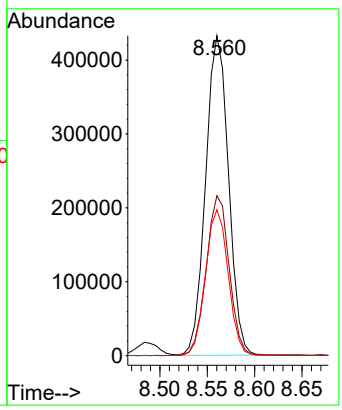


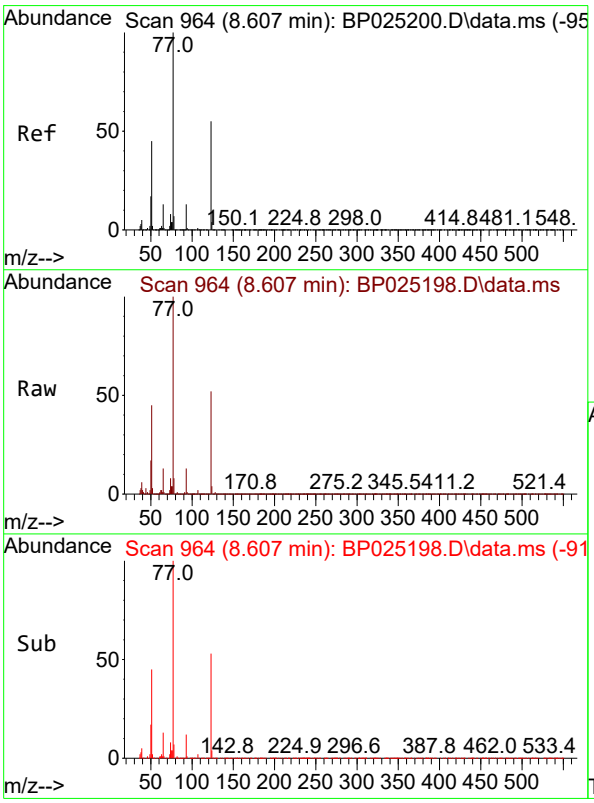
#23
Nitrobenzene-d5
Concen: 19.470 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 726773

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.2	60.4
54	45.6	36.3	54.5

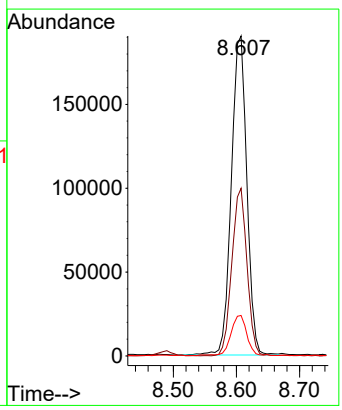


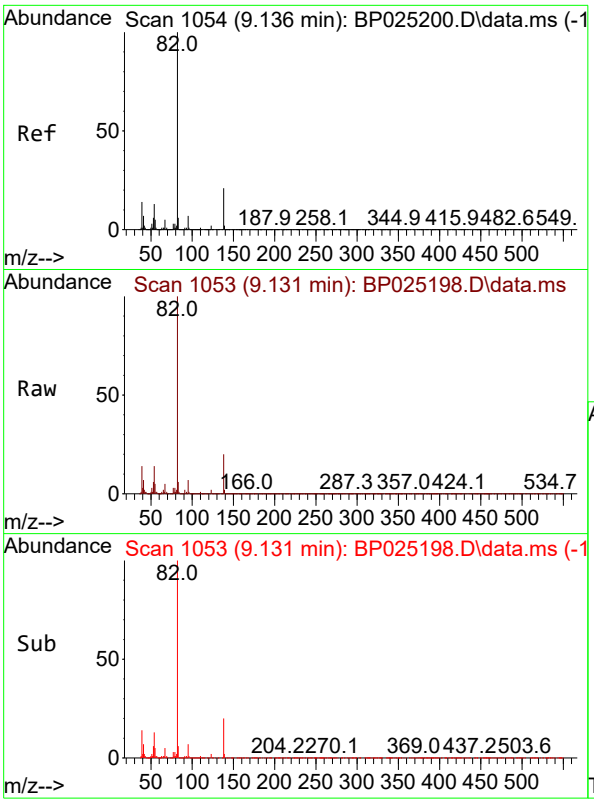


#24
Nitrobenzene
Concen: 9.800 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 77 Resp: 324205

Ion	Ratio	Lower	Upper
77	100		
123	52.4	43.6	65.4
65	12.6	10.2	15.2



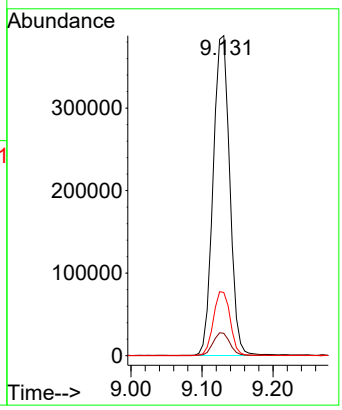


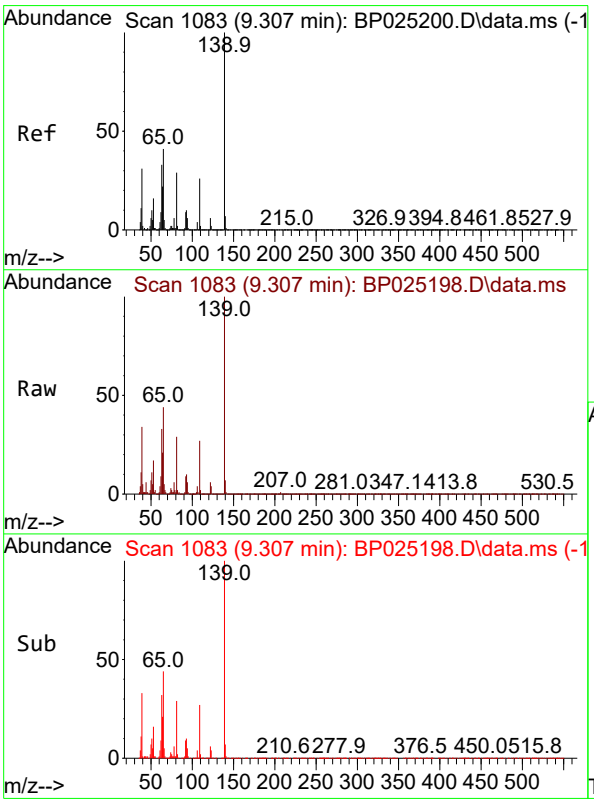
#25
Isophorone
Concen: 9.598 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 627451

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.8	16.6	25.0

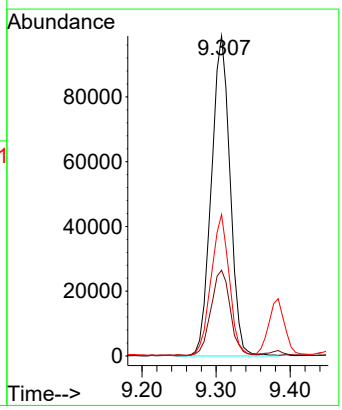


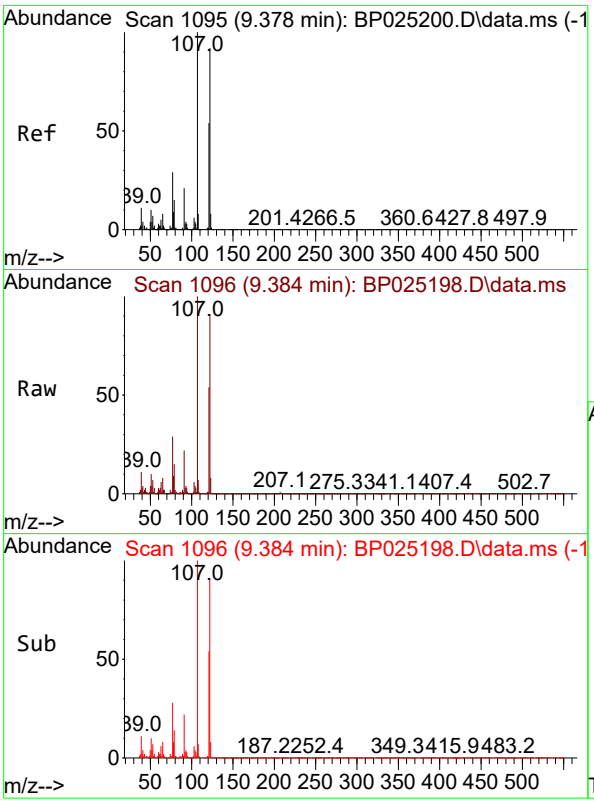


#26
2-Nitrophenol
Concen: 9.287 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 172919

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.0	31.6
65	44.2	32.7	49.1



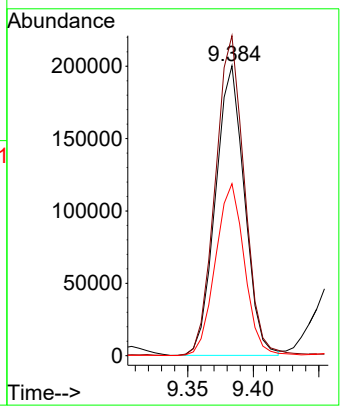


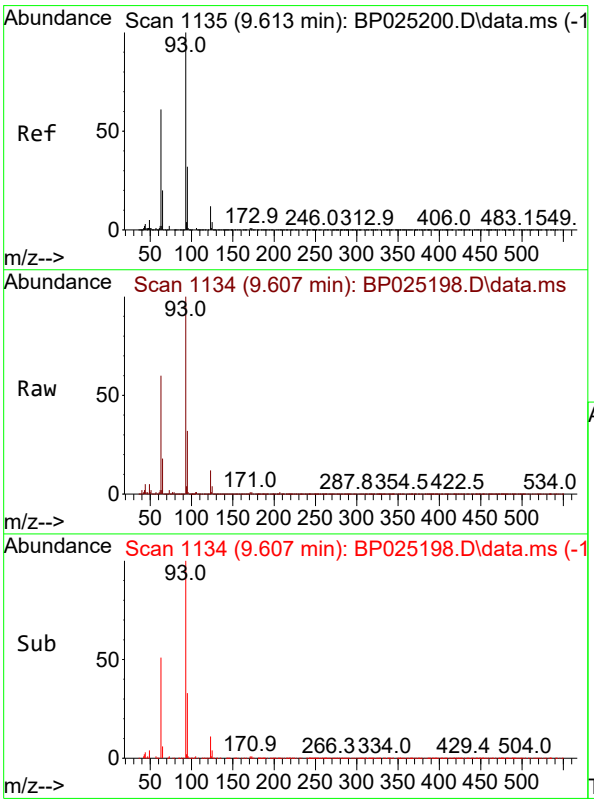
#27
2,4-Dimethylphenol
Concen: 9.690 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 307178

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.0	130.4
121	59.3	46.7	70.1

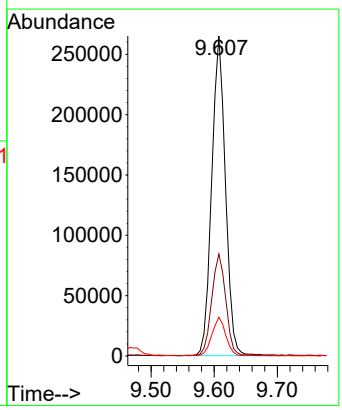


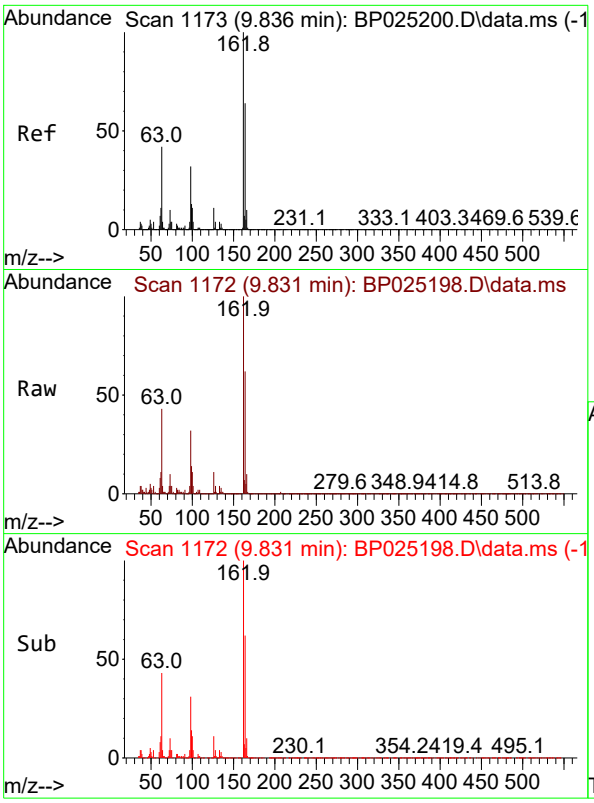


#28
bis(2-Chloroethoxy)methane
Concen: 9.745 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 399970

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	12.1	9.8	14.6



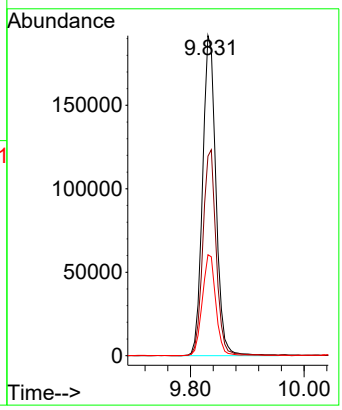


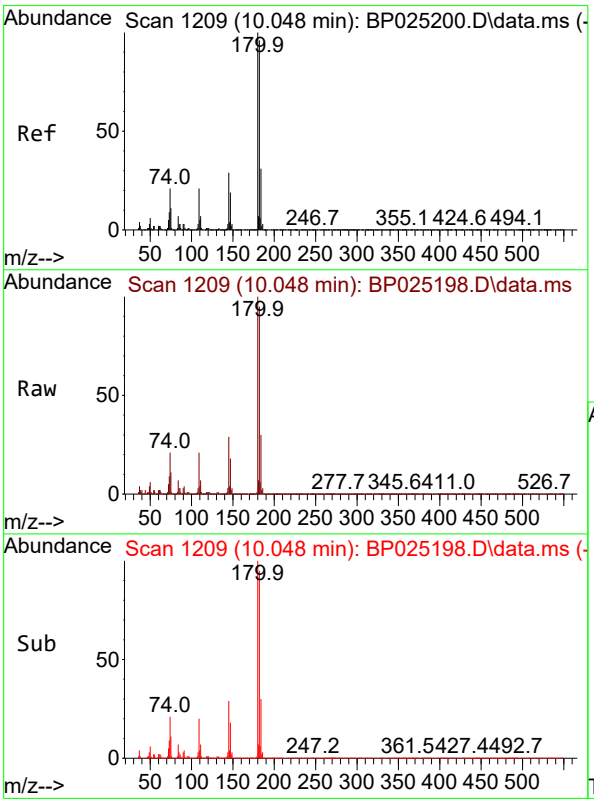
#29
2,4-Dichlorophenol
Concen: 9.603 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 312211

Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.2	84.2
98	31.6	11.7	51.7

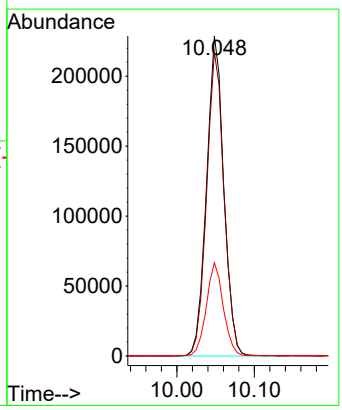


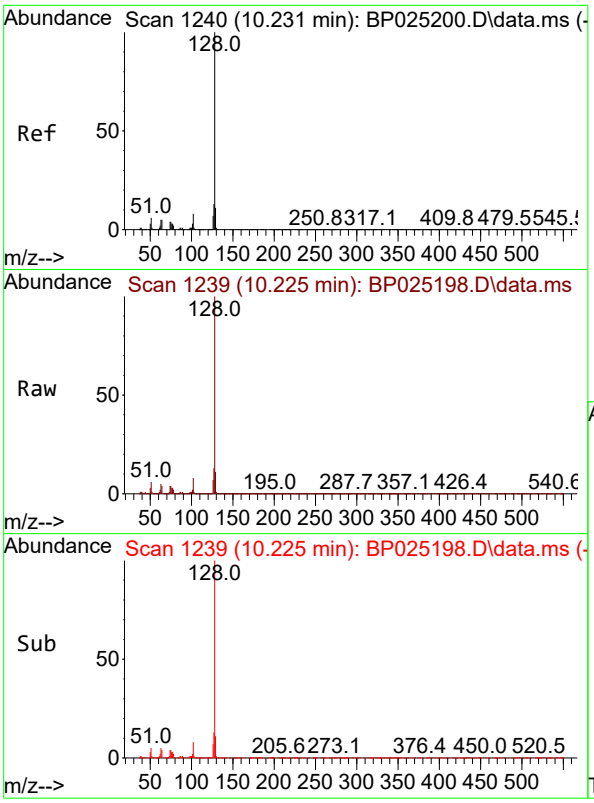


#30
1,2,4-Trichlorobenzene
Concen: 9.881 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:180 Resp: 353497

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
145	29.2	23.5	35.3



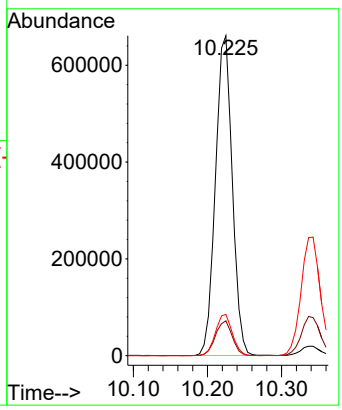


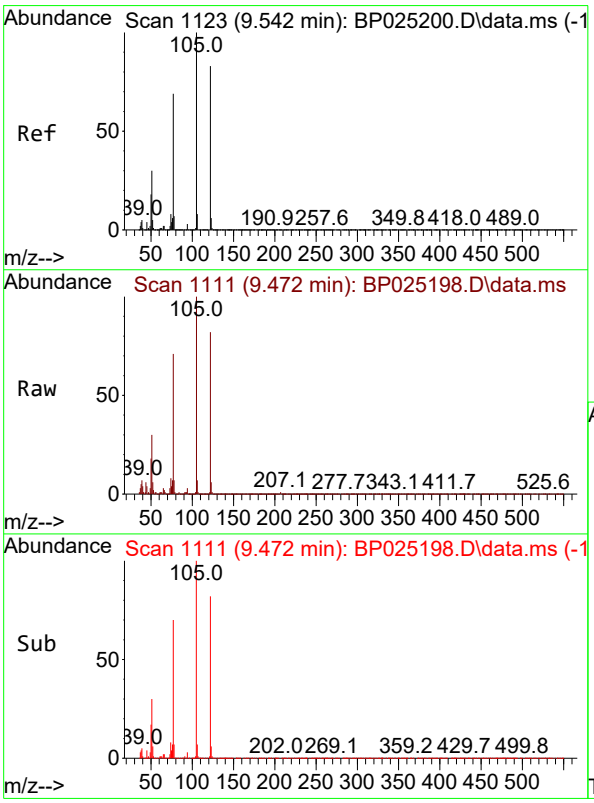
#31
Naphthalene
Concen: 9.771 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 1041389

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.4	15.6

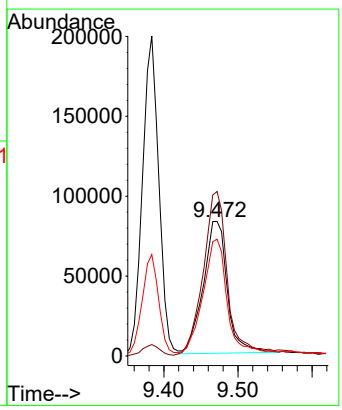


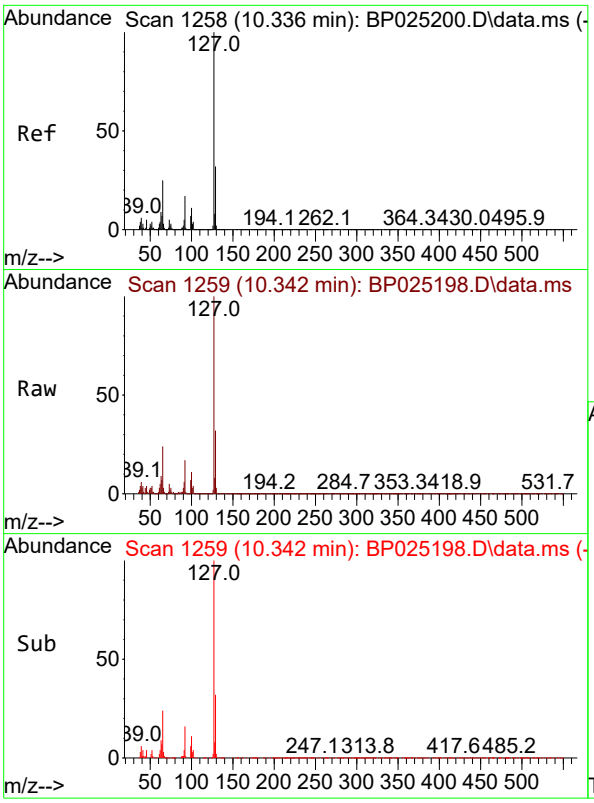


#32
Benzoic acid
Concen: 8.056 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.070 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:122 Resp: 186508

Ion	Ratio	Lower	Upper
122	100		
105	122.2	98.1	138.1
77	86.8	62.7	102.7



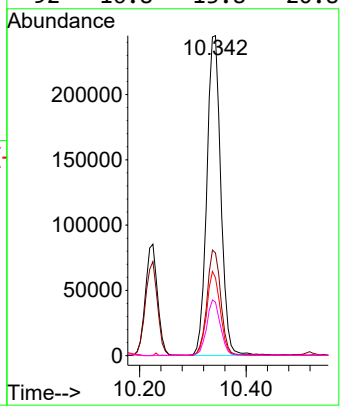


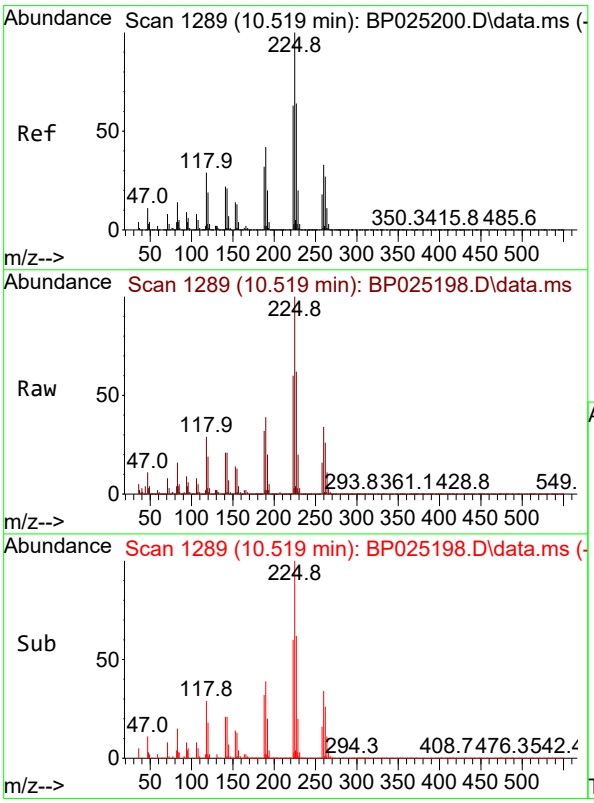
#33
4-Chloroaniline
Concen: 9.674 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 447675

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	24.4	20.2	30.4
92	16.8	13.8	20.8

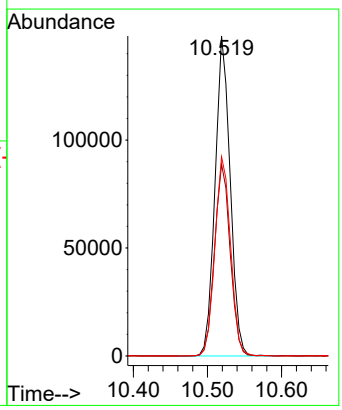


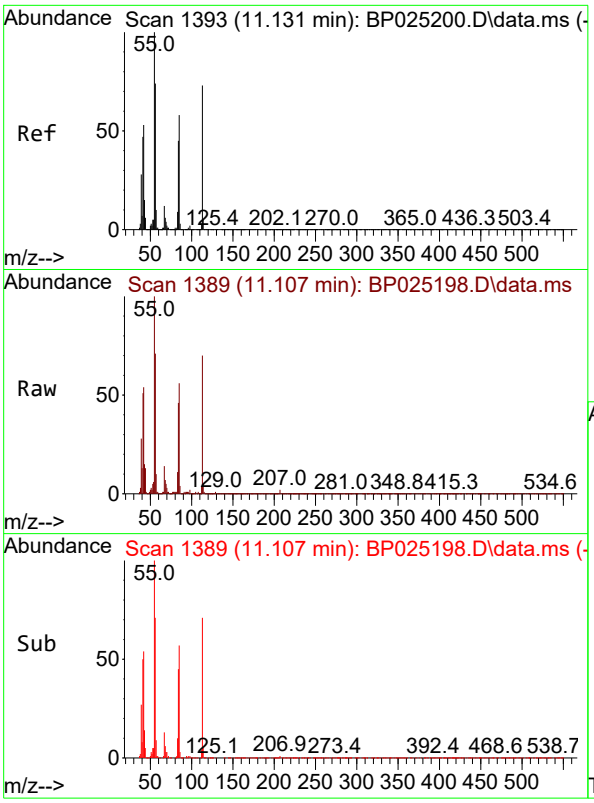


#34
Hexachlorobutadiene
Concen: 9.775 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:225 Resp: 210009

Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.1	75.1
227	62.2	51.4	77.0



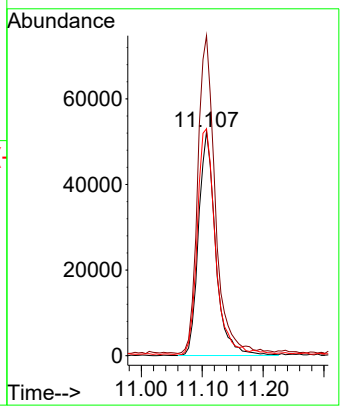


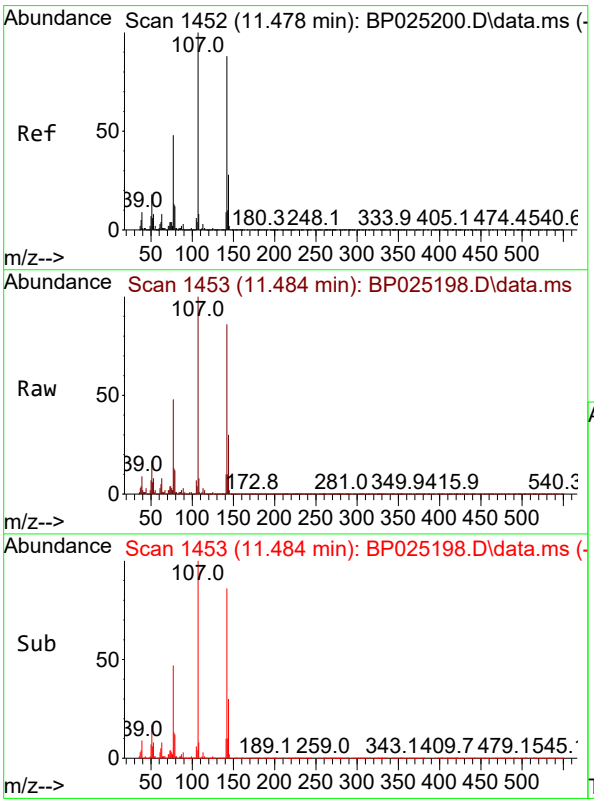
#35
Caprolactam
Concen: 9.495 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 101593

Ion	Ratio	Lower	Upper
113	100		
55	142.7	117.6	157.6
56	101.2	82.4	122.4

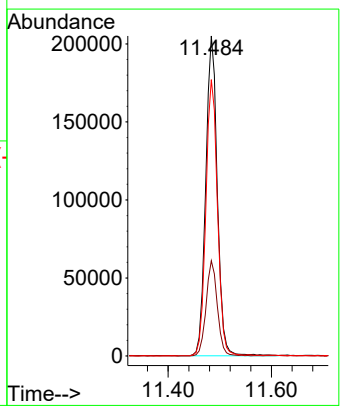


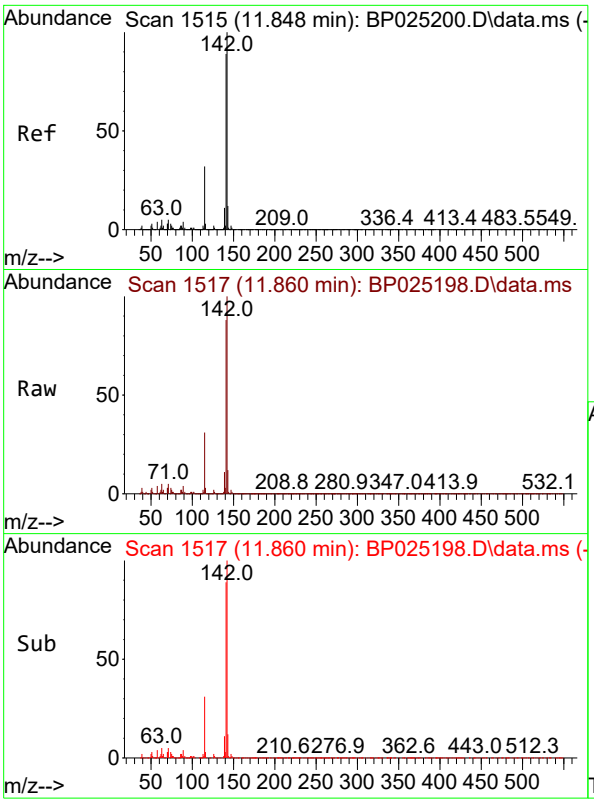


#36
4-Chloro-3-methylphenol
Concen: 9.801 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 318251

Ion	Ratio	Lower	Upper
107	100		
144	29.8	22.5	33.7
142	86.3	70.6	105.8



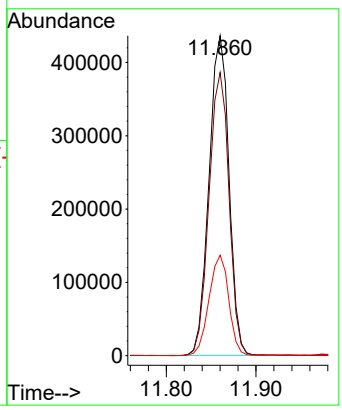


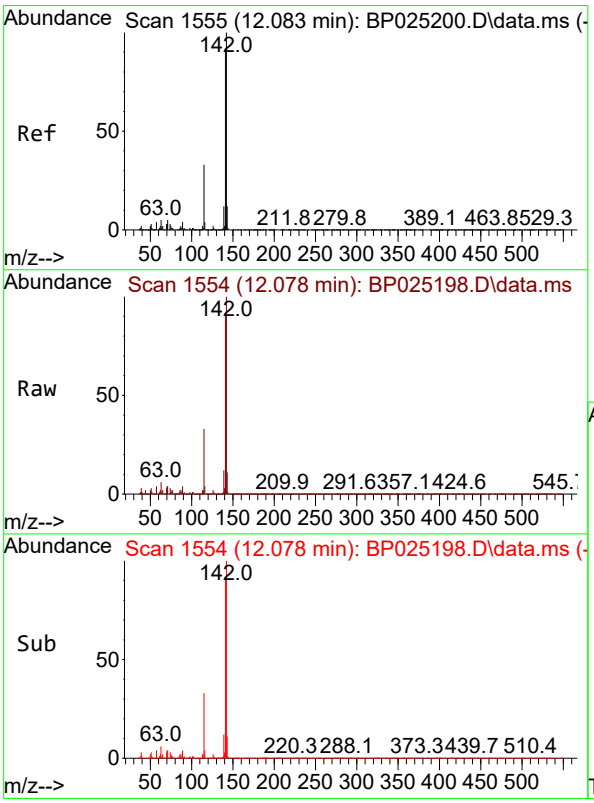
#37
2-Methylnaphthalene
Concen: 9.778 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 674086

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	31.4	25.3	37.9

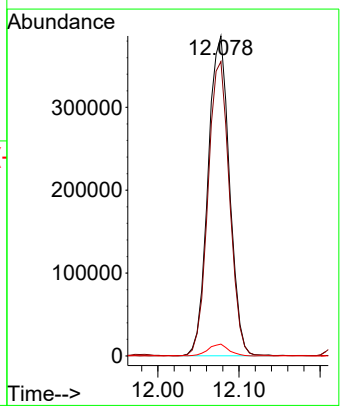


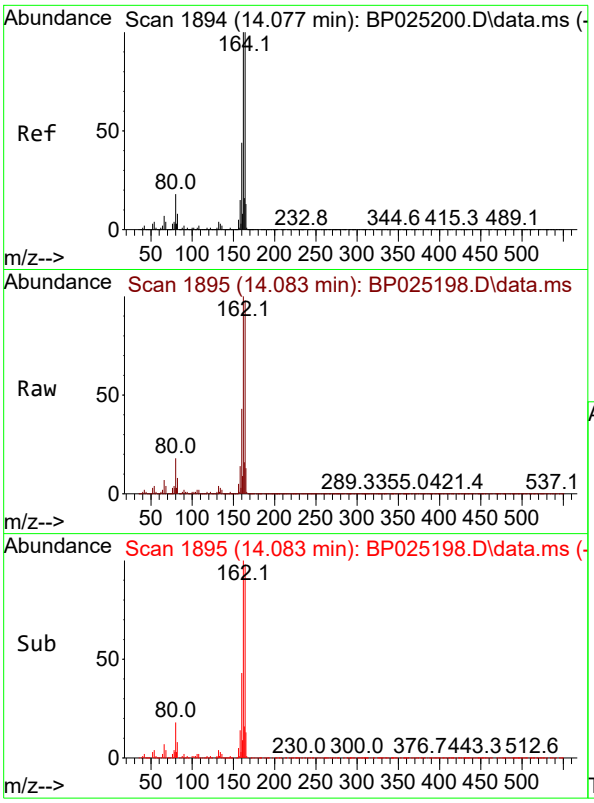


#38
1-Methylnaphthalene
Concen: 9.738 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:142 Resp: 708010

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.7	2.8	4.2



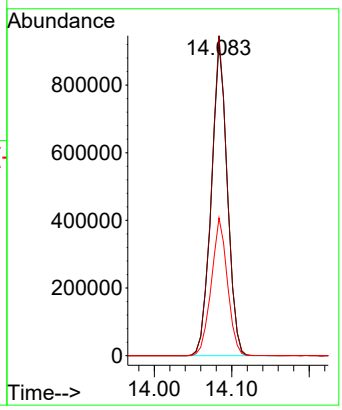


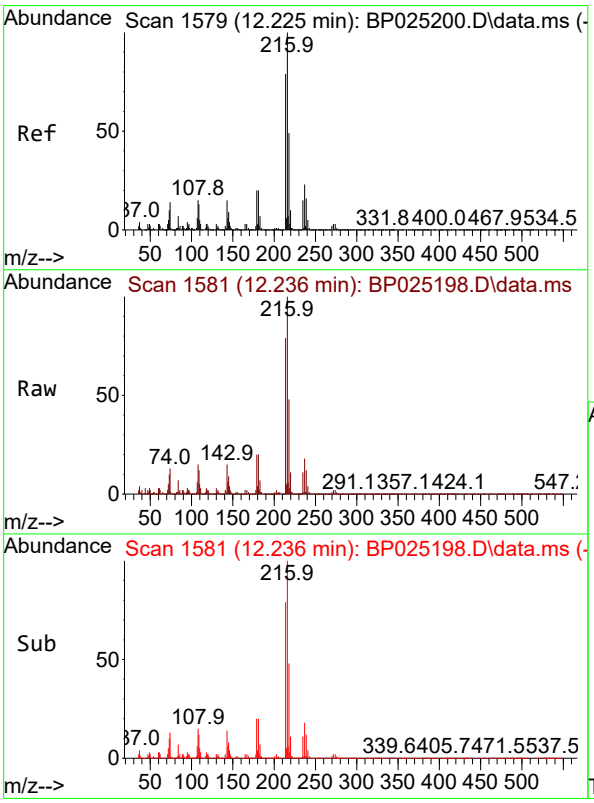
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 1320566

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.3	120.5
160	44.1	35.7	53.5

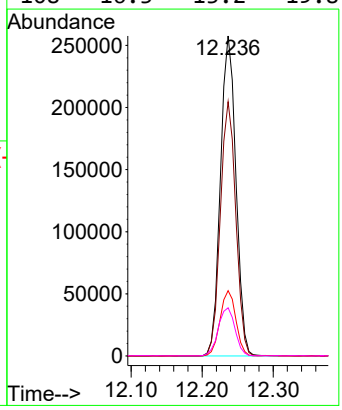


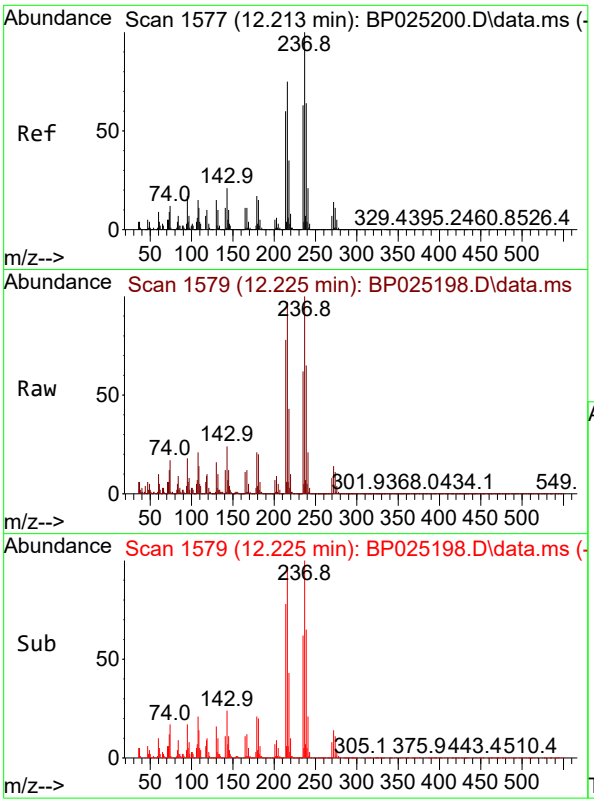


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.708 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:216 Resp: 388223

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.7	94.1
179	20.8	16.2	24.4
108	16.3	13.2	19.8



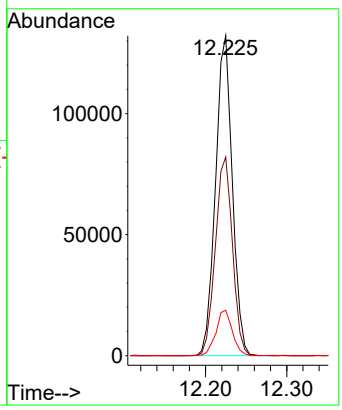


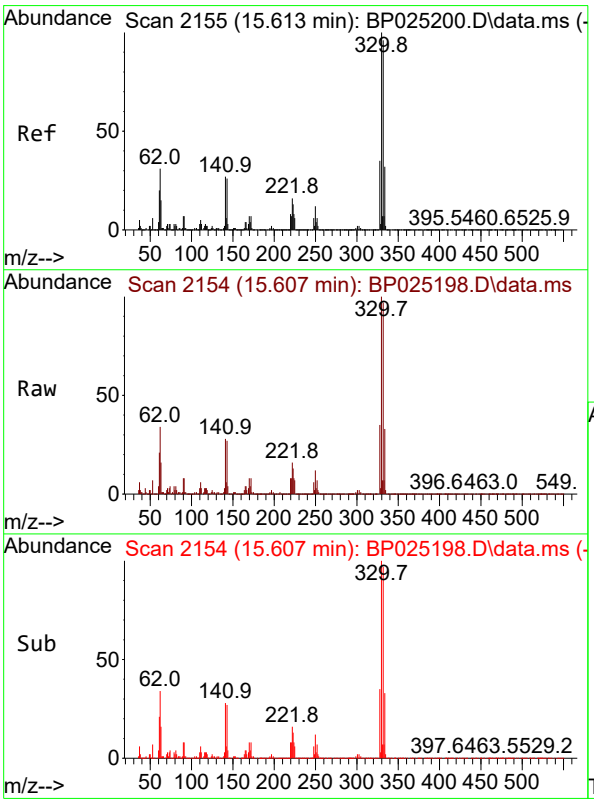
#41
Hexachlorocyclopentadiene
Concen: 8.380 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 190047

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.7	82.7
272	14.2	0.0	33.6

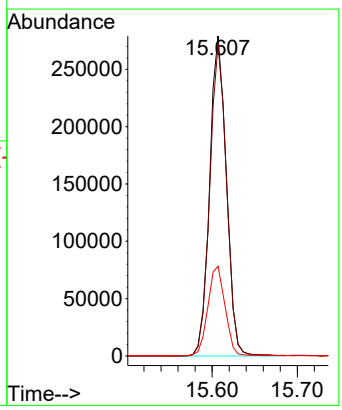


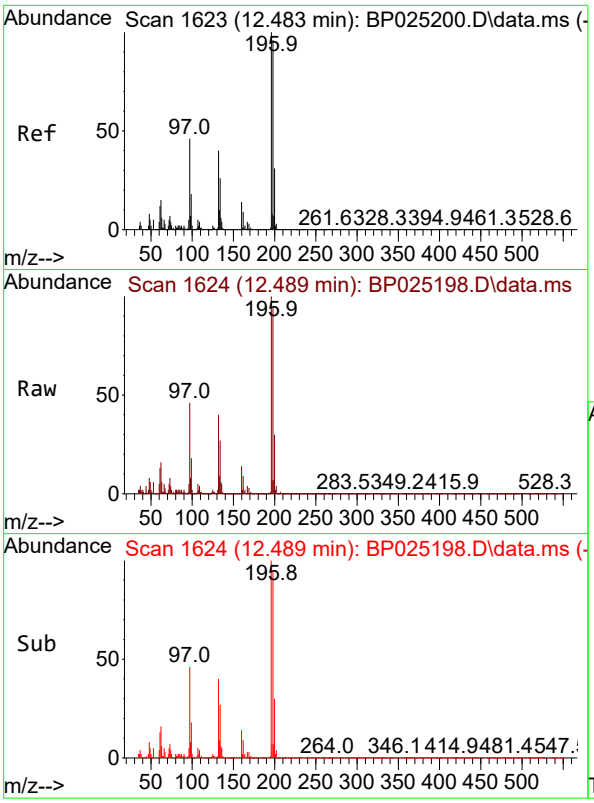


#42
2,4,6-Tribromophenol
Concen: 19.375 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:330 Resp: 380466

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	28.8	22.4	33.6



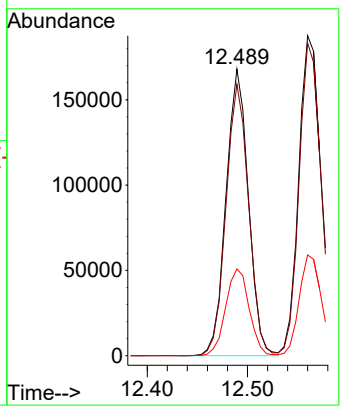


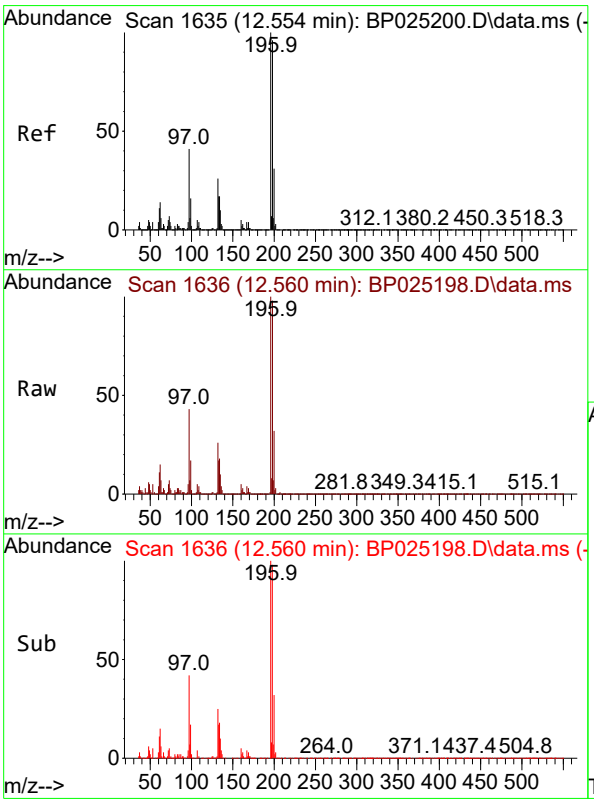
#43
2,4,6-Trichlorophenol
Concen: 9.640 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 260478

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
200	30.3	24.7	37.1

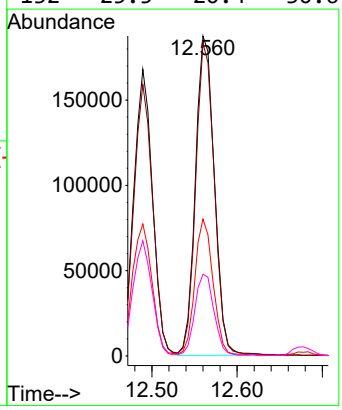


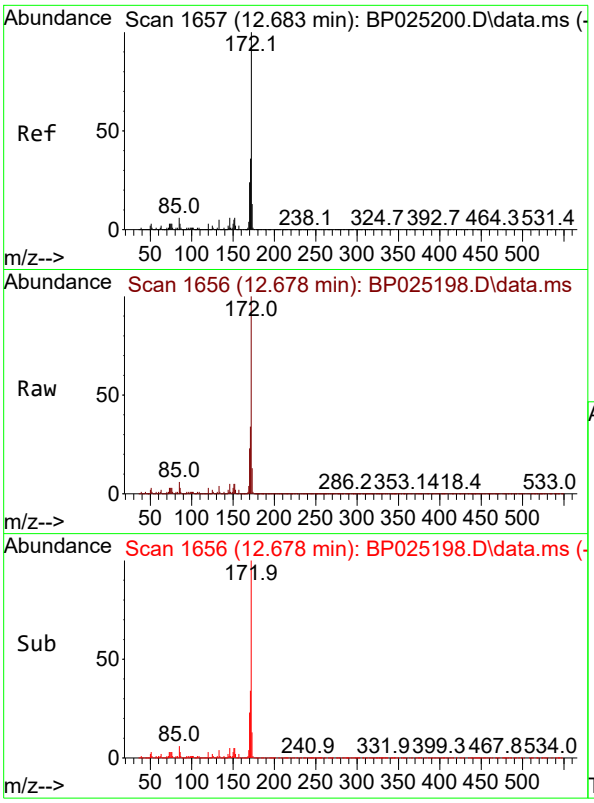


#44
2,4,5-Trichlorophenol
Concen: 9.717 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:196 Resp: 289420

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.7	115.1
97	42.8	33.0	49.4
132	25.5	20.4	30.6



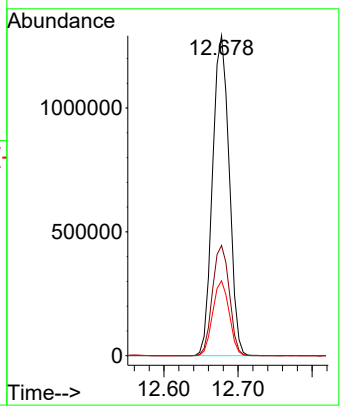


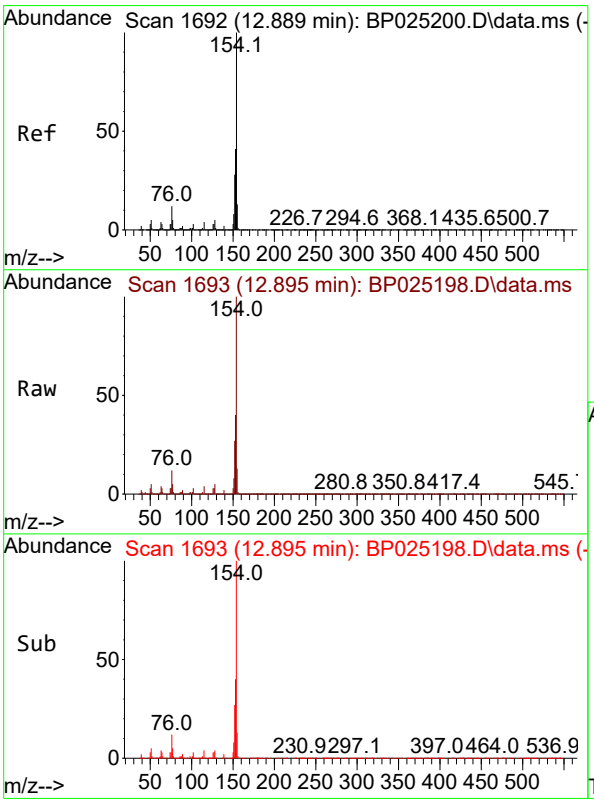
#45
2-Fluorobiphenyl
Concen: 20.189 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 2013844

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.8	43.2
170	23.4	19.2	28.8

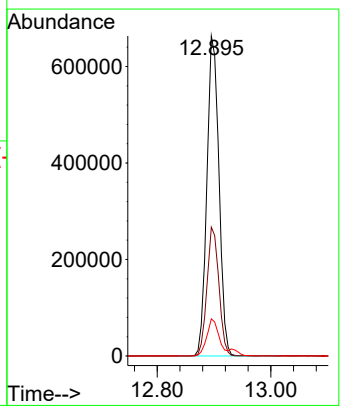


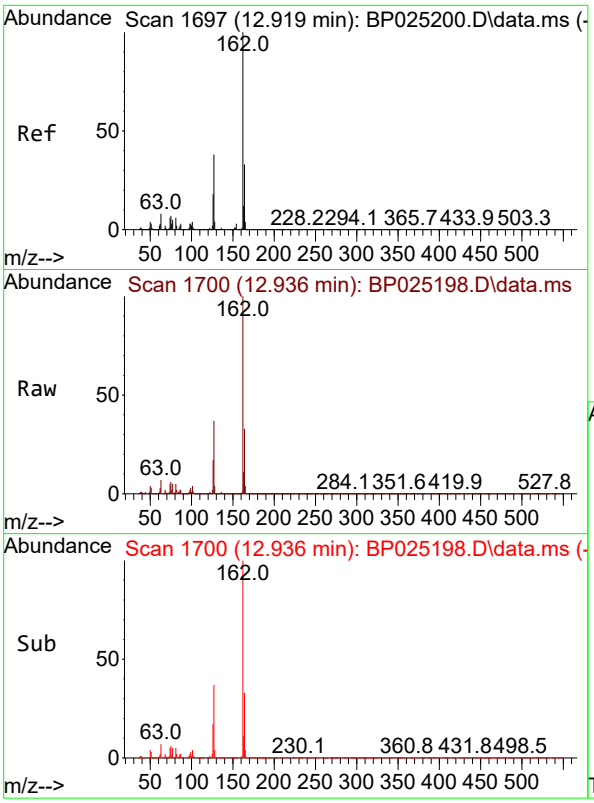


#46
1,1'-Biphenyl
Concen: 9.969 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 973396

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	11.6	0.0	31.6



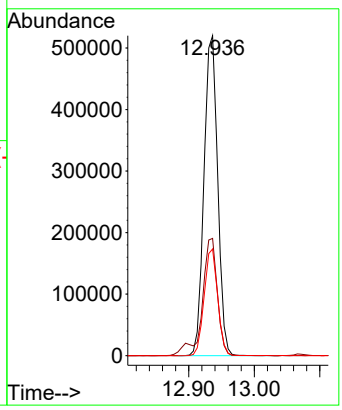


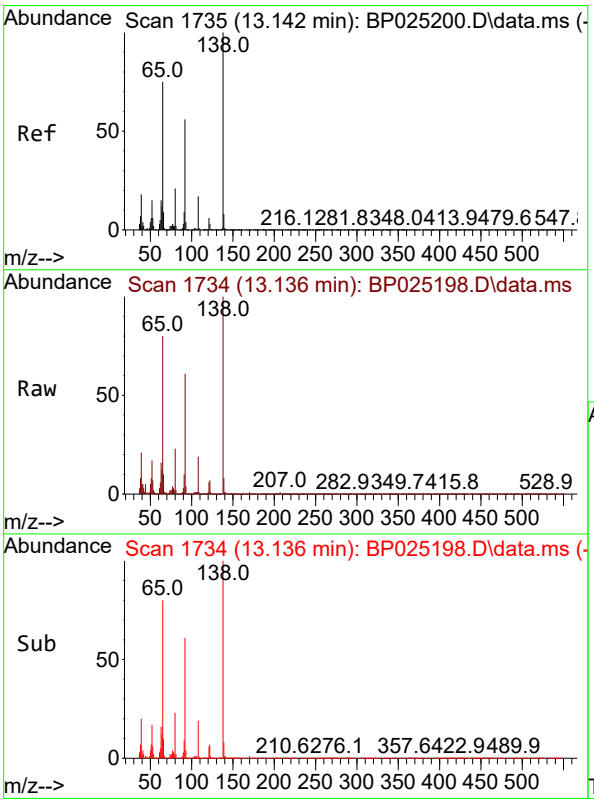
#47
2-Chloronaphthalene
Concen: 9.989 ng
RT: 12.936 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 755649

Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.1	45.1
164	33.3	26.5	39.7

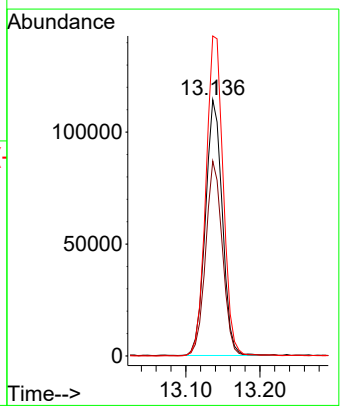


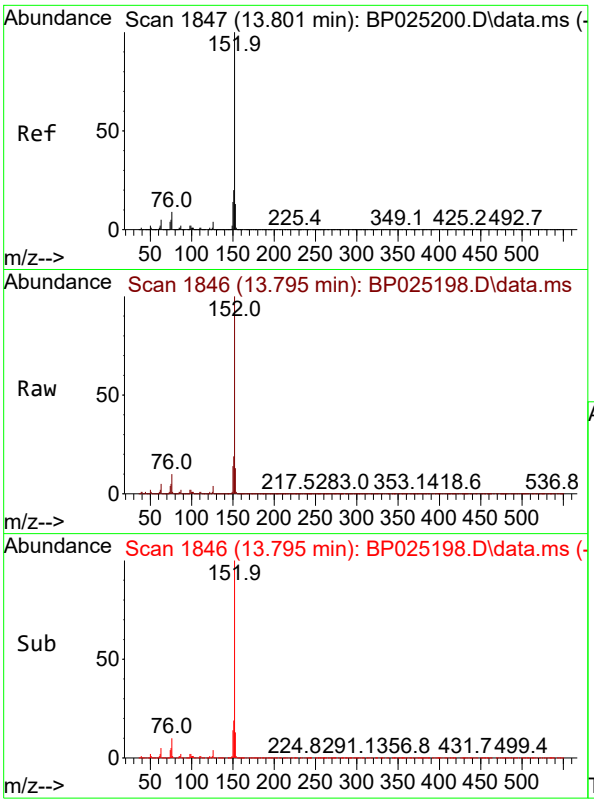


#48
2-Nitroaniline
Concen: 9.541 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 65 Resp: 181056

Ion	Ratio	Lower	Upper
65	100		
92	76.1	59.9	89.9
138	124.9	107.1	160.7



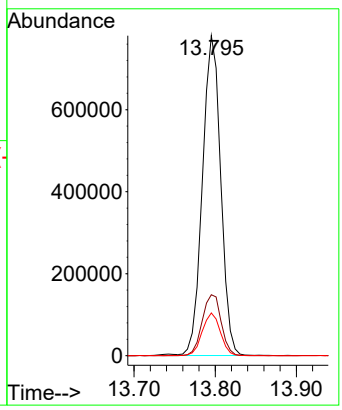


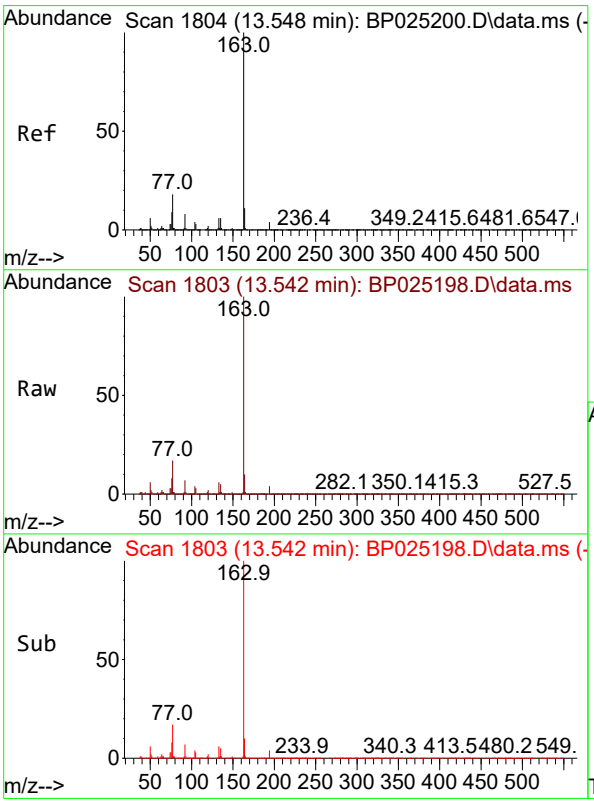
#49
Acenaphthylene
Concen: 9.811 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 1217151

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.3	10.6	15.8

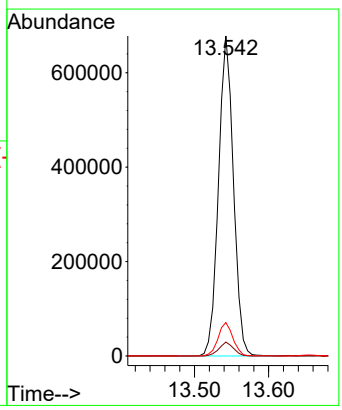


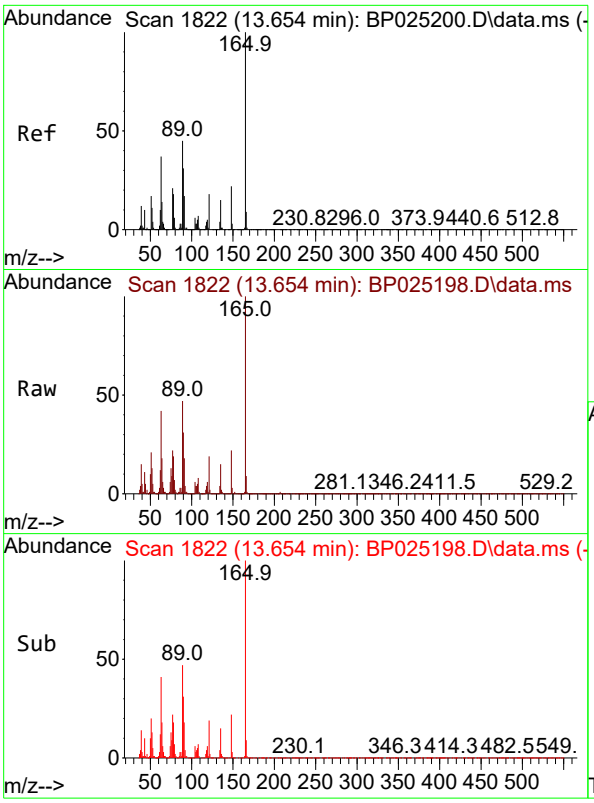


#50
Dimethylphthalate
Concen: 9.858 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:163 Resp: 949801

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.5	8.5	12.7



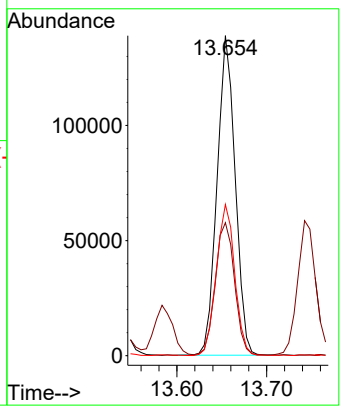


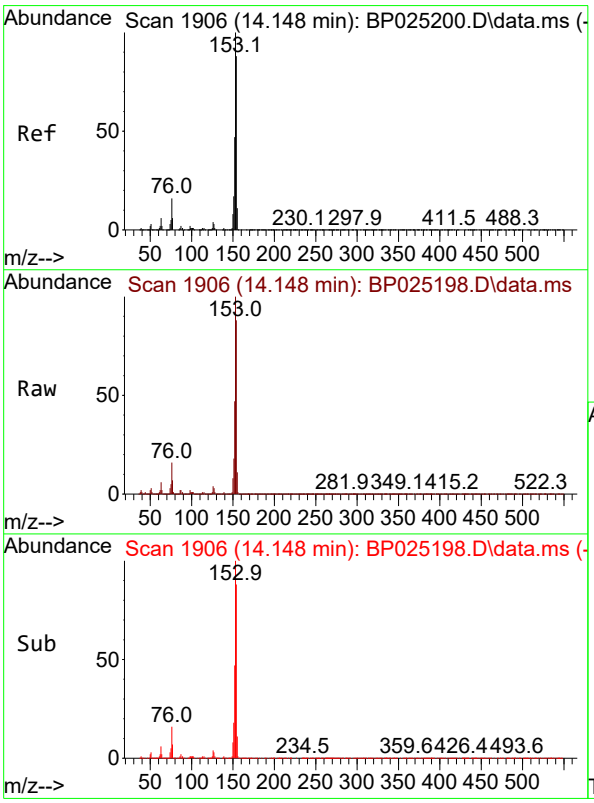
#51
2,6-Dinitrotoluene
Concen: 9.537 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 194525

Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.2
89	47.2	36.3	54.5

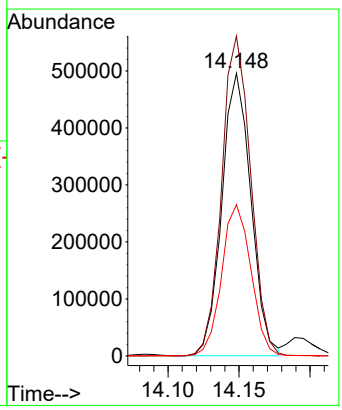


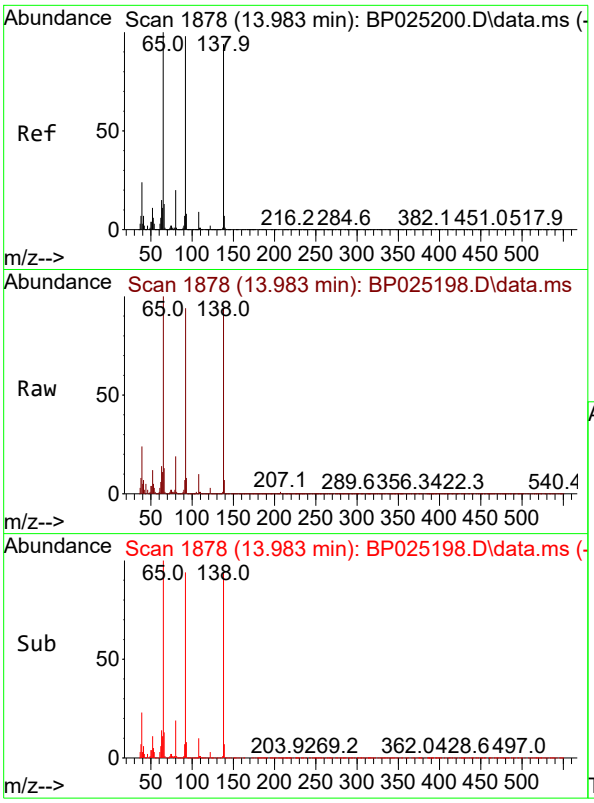


#52
Acenaphthene
Concen: 9.875 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 705723

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.5	42.9	64.3



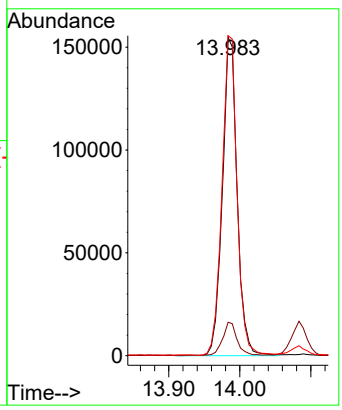


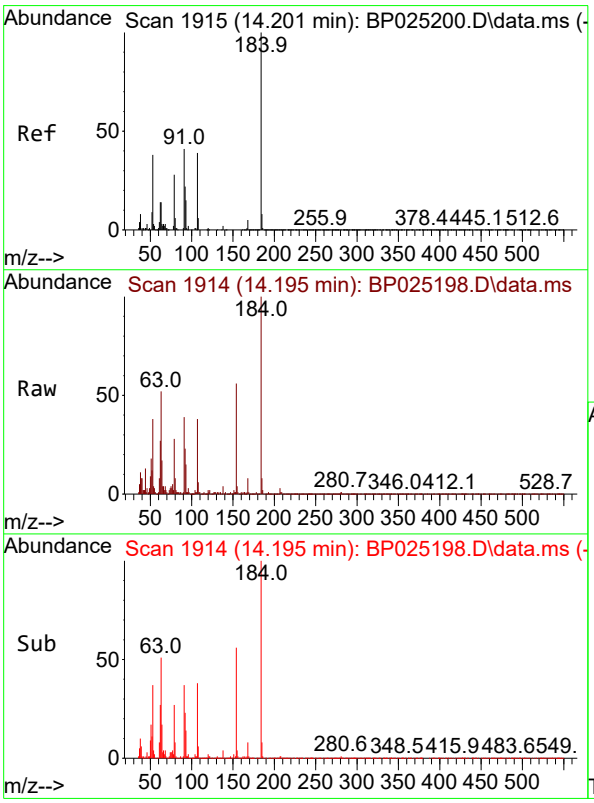
#53
3-Nitroaniline
Concen: 9.668 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 222495

Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.5	11.3
92	100.5	83.2	124.8

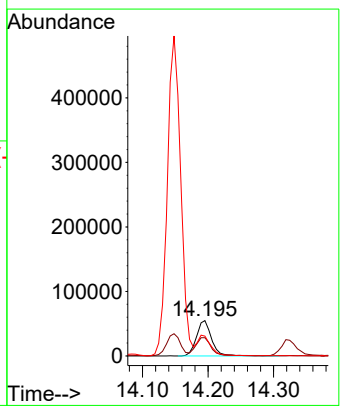


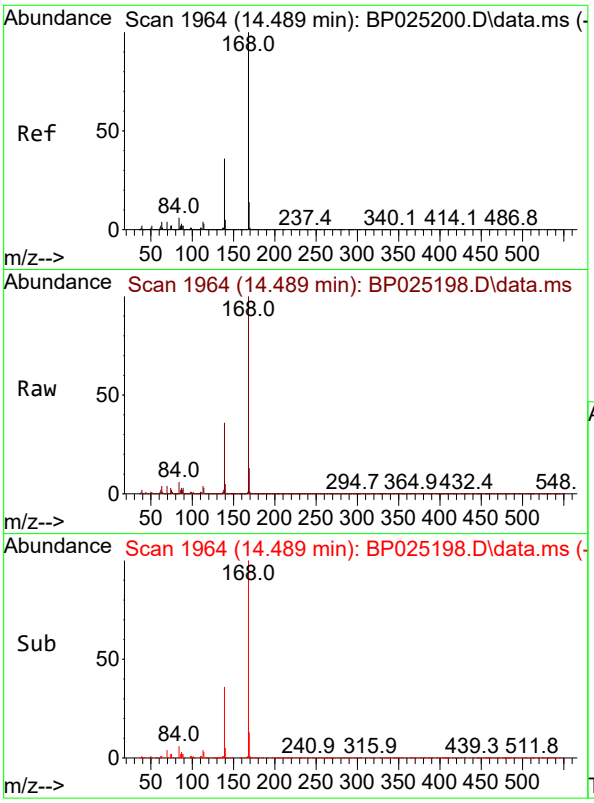


#54
2,4-Dinitrophenol
Concen: 7.708 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:184 Resp: 88097

Ion	Ratio	Lower	Upper
184	100		
63	51.6	41.8	62.8
154	56.1	45.7	68.5



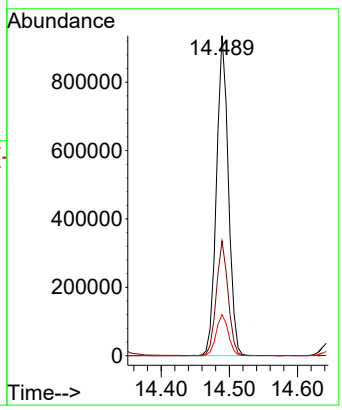


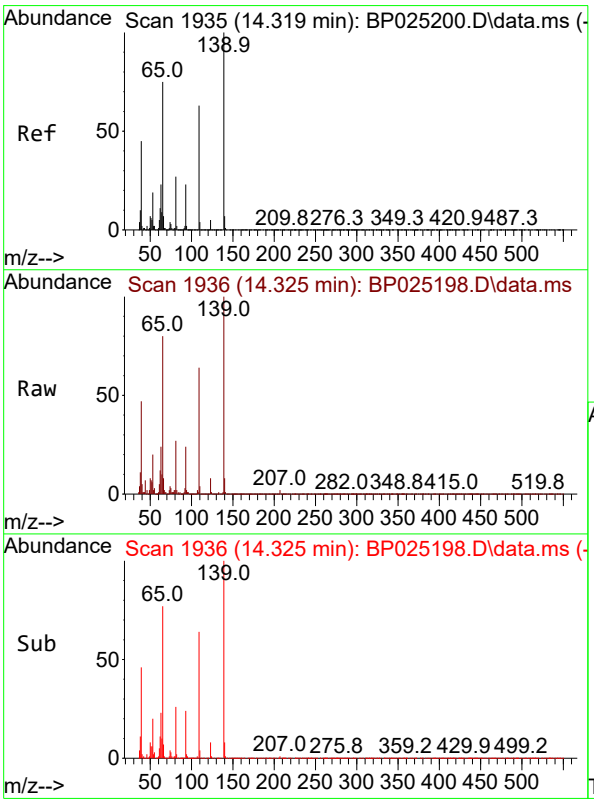
#55
Dibenzofuran
Concen: 9.821 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 1136303

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.7	43.1
169	12.9	10.9	16.3

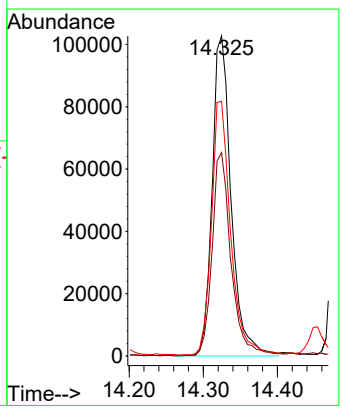


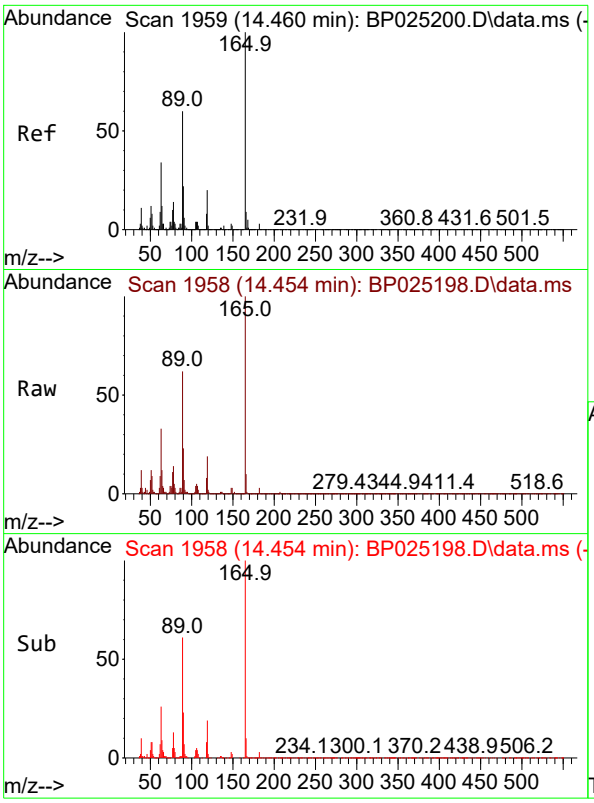


#56
4-Nitrophenol
Concen: 9.316 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 182691

Ion	Ratio	Lower	Upper
139	100		
109	63.5	42.6	82.6
65	79.6	55.4	95.4



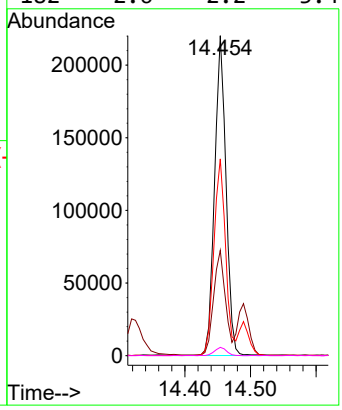


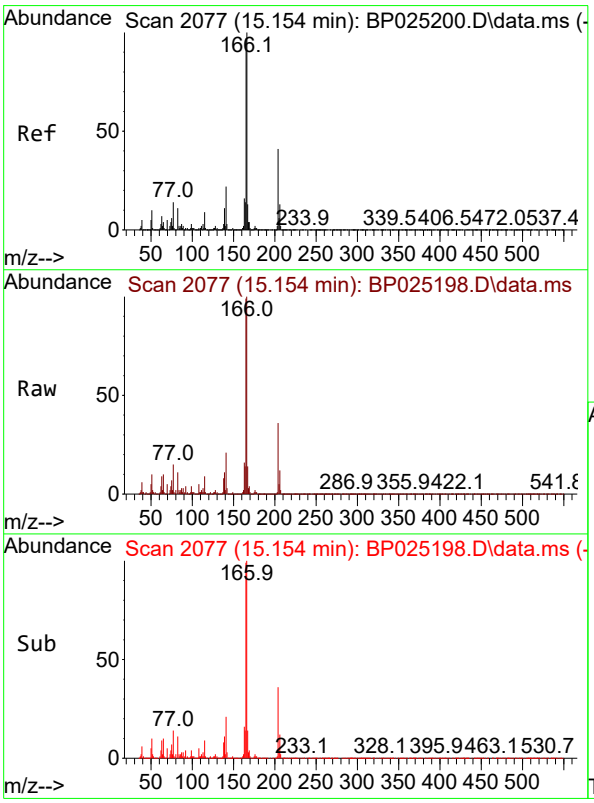
#57
2,4-Dinitrotoluene
Concen: 9.342 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 265442

Ion	Ratio	Lower	Upper
165	100		
63	32.9	27.0	40.4
89	61.5	47.8	71.6
182	2.6	2.2	3.4

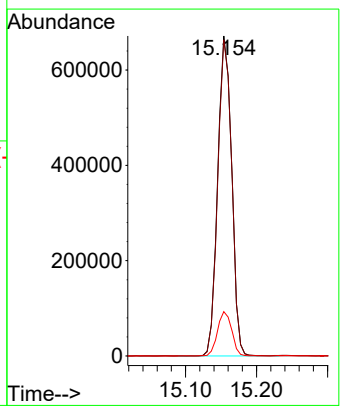


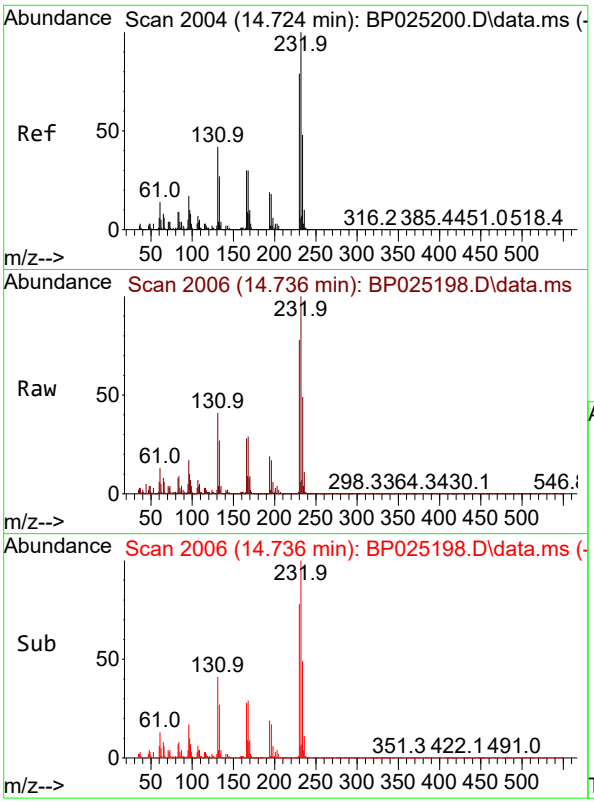


#58
Fluorene
Concen: 9.892 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:166 Resp: 912923

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.0	117.0
167	13.8	10.7	16.1



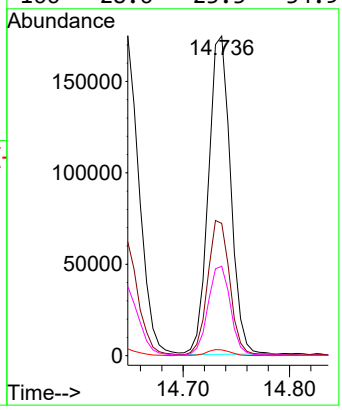


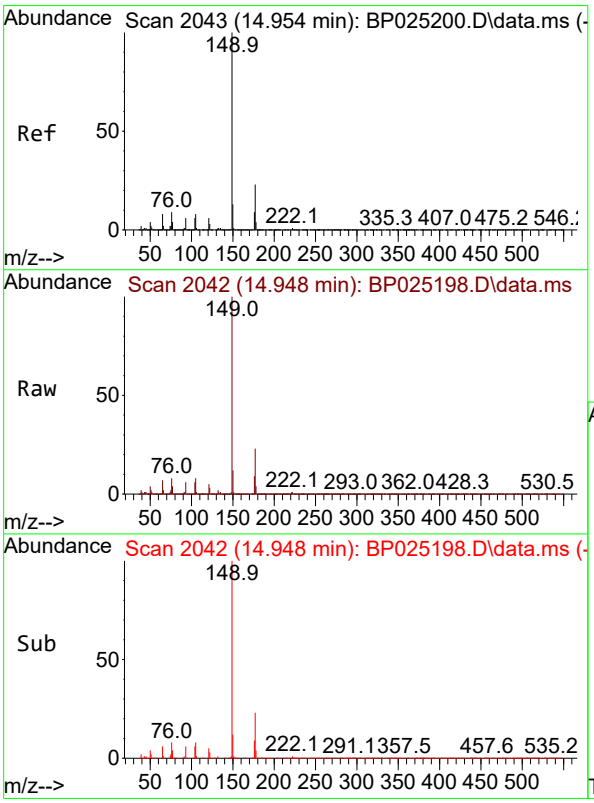
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.520 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 251016

Ion	Ratio	Lower	Upper
232	100		
131	42.6	32.6	48.8
130	2.2	1.6	2.4
166	28.6	23.3	34.9

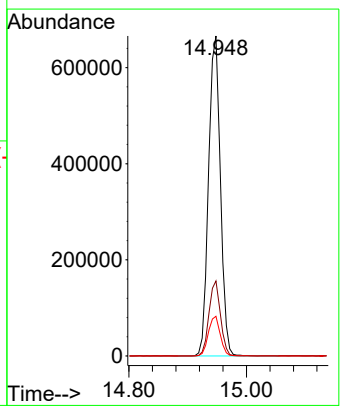


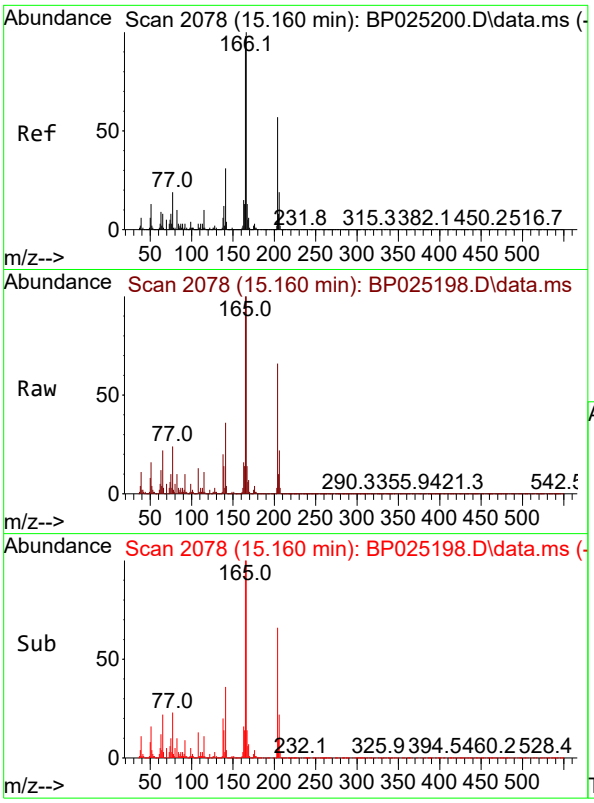


#60
Diethylphthalate
Concen: 9.763 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 929443

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.4	10.0	15.0



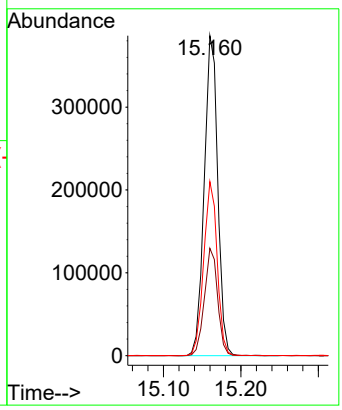


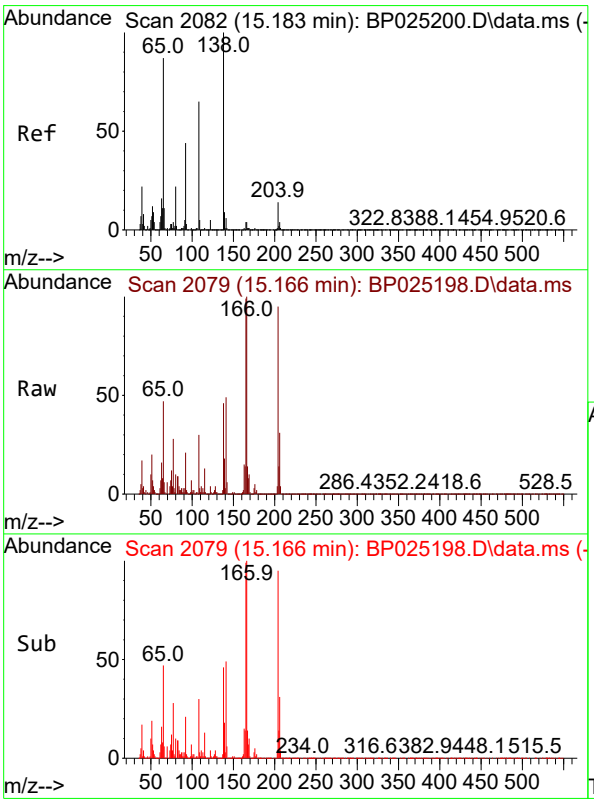
#61
4-Chlorophenyl-phenylether
Concen: 10.029 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 466528

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.3	39.5
141	54.4	43.0	64.6

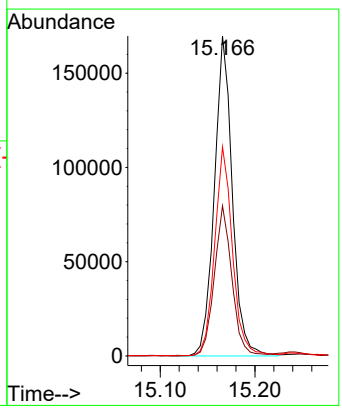


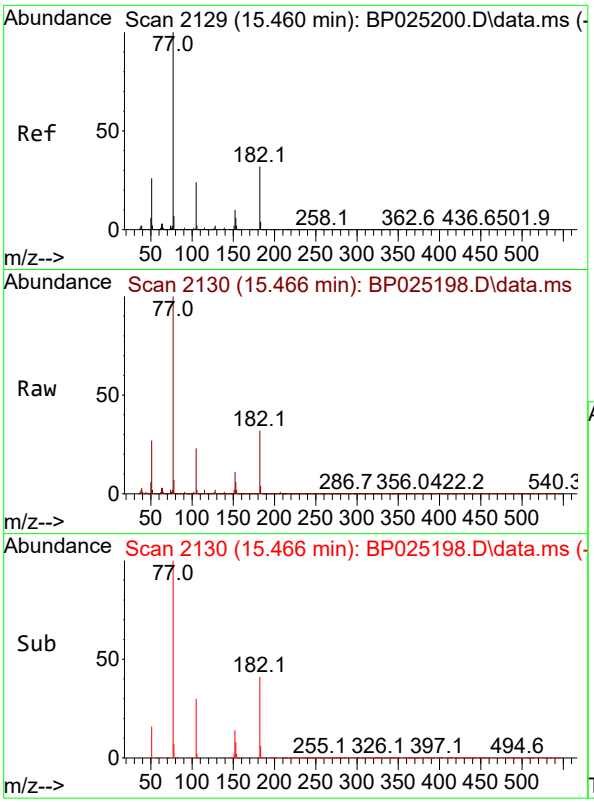


#62
4-Nitroaniline
Concen: 9.546 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:138 Resp: 223854

Ion	Ratio	Lower	Upper
138	100		
92	46.9	24.0	64.0
108	65.4	44.9	84.9



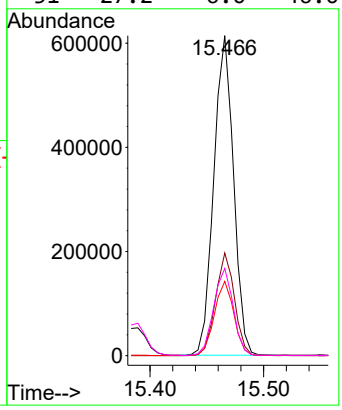


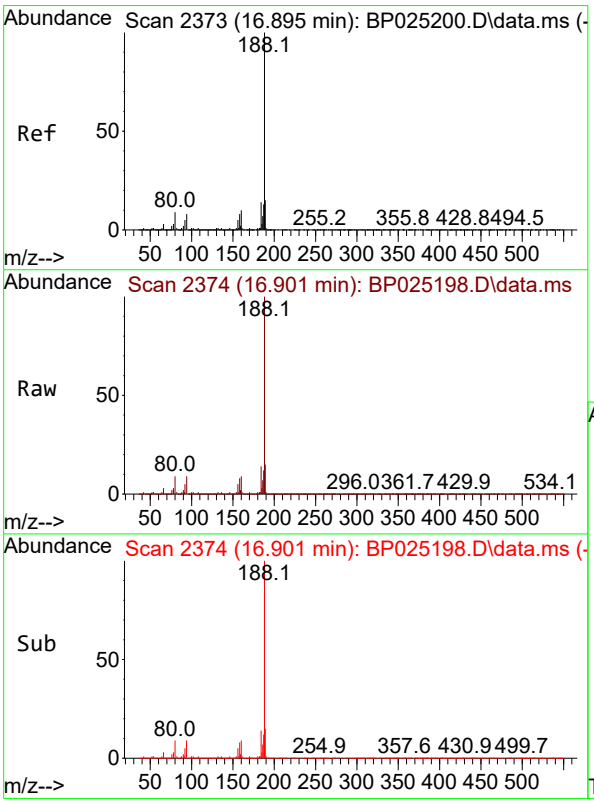
#63
Azobenzene
Concen: 9.696 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 741495

Ion	Ratio	Lower	Upper
77	100		
182	32.1	12.0	52.0
105	23.2	3.6	43.6
51	27.2	6.0	46.0

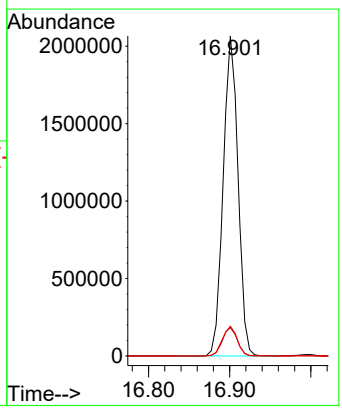


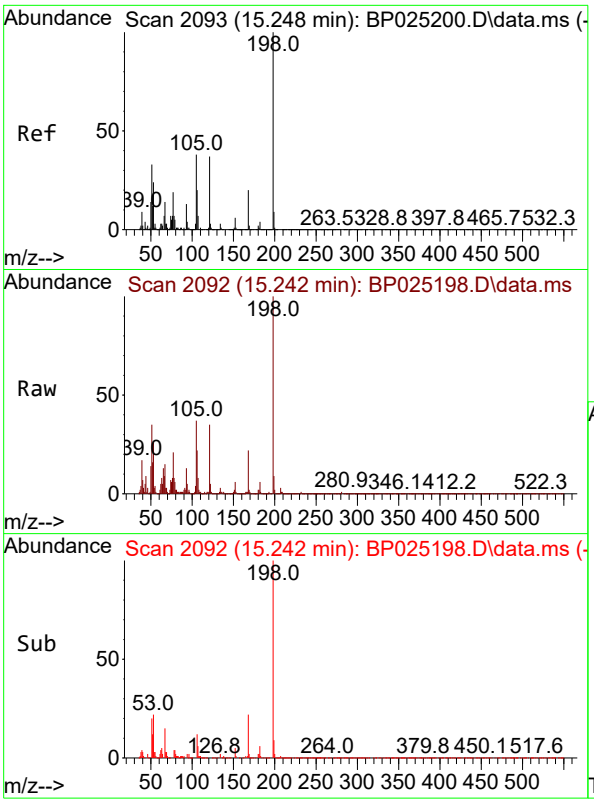


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:188 Resp: 2625603

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.3	7.3	10.9



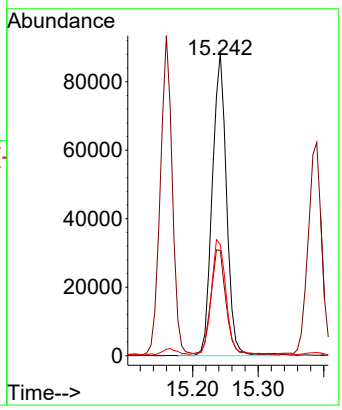


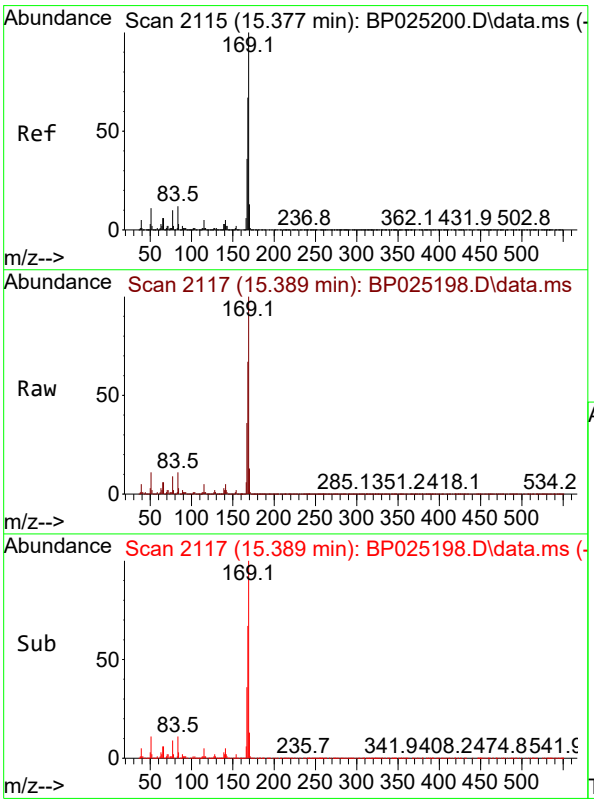
#65
4,6-Dinitro-2-methylphenol
Concen: 8.075 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 132736

Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.6	54.6
105	36.8	18.3	58.3

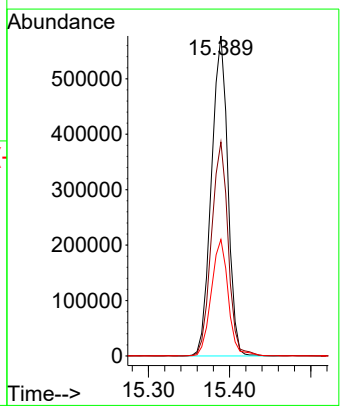


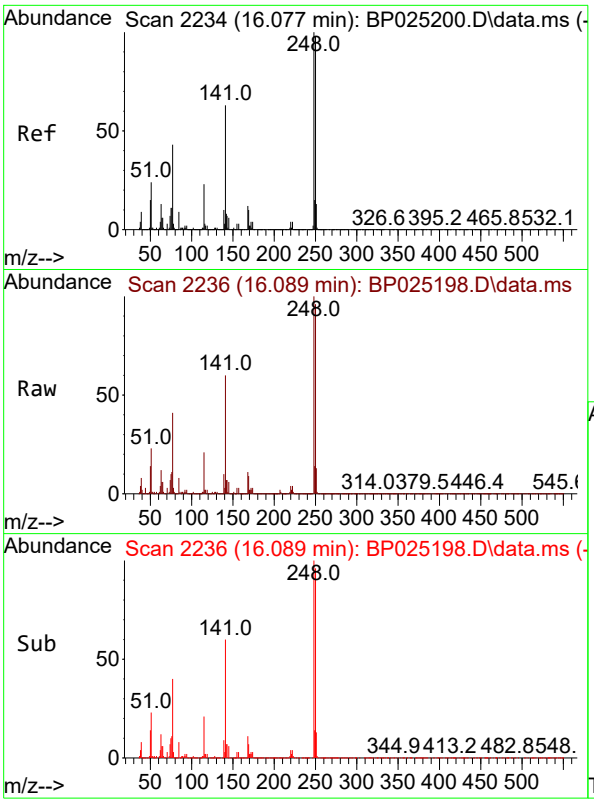


#66
n-Nitrosodiphenylamine
Concen: 9.909 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:169 Resp: 810248

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	36.4	29.0	43.6



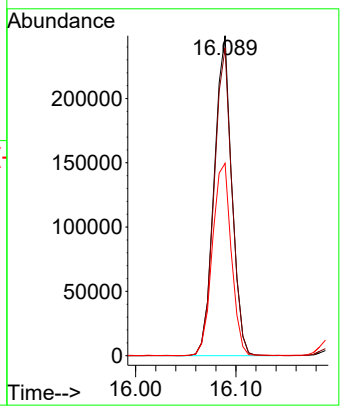


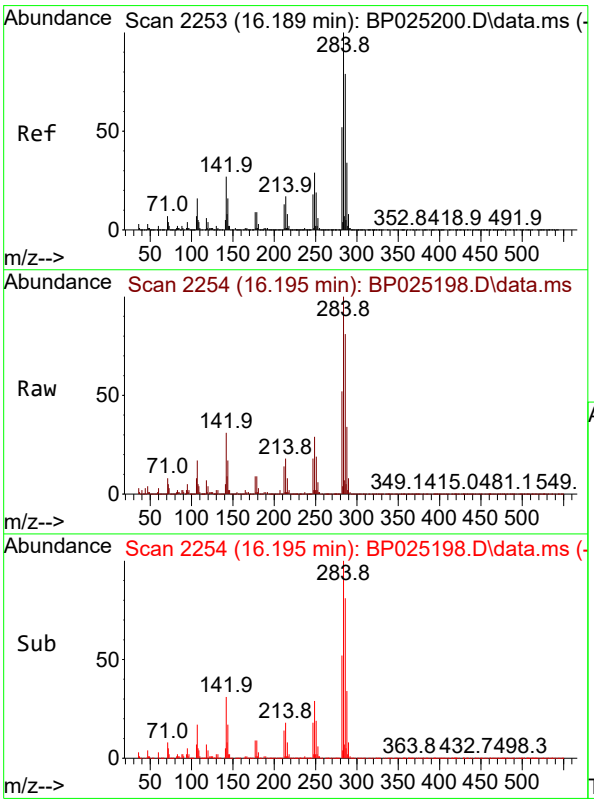
#67
4-Bromophenyl-phenylether
Concen: 9.810 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 303682

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.5	117.7
141	60.1	50.5	75.7

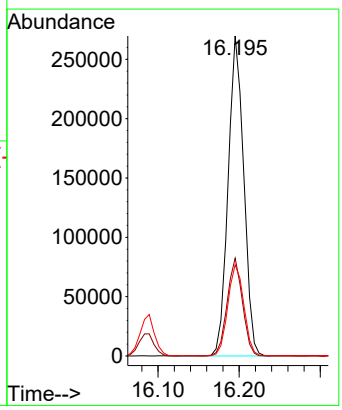


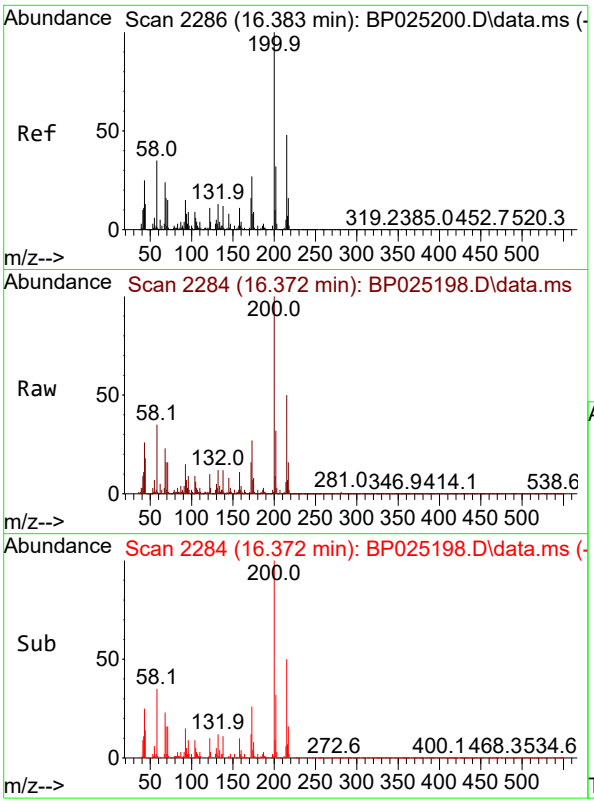


#68
Hexachlorobenzene
Concen: 9.755 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:284 Resp: 360593

Ion	Ratio	Lower	Upper
284	100		
142	30.6	21.5	32.3
249	28.5	23.4	35.0



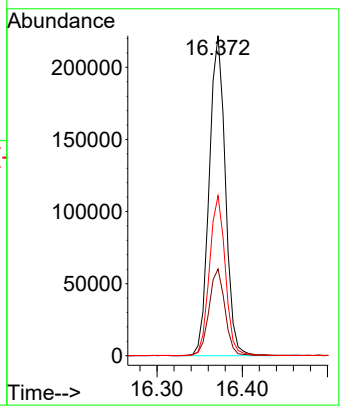


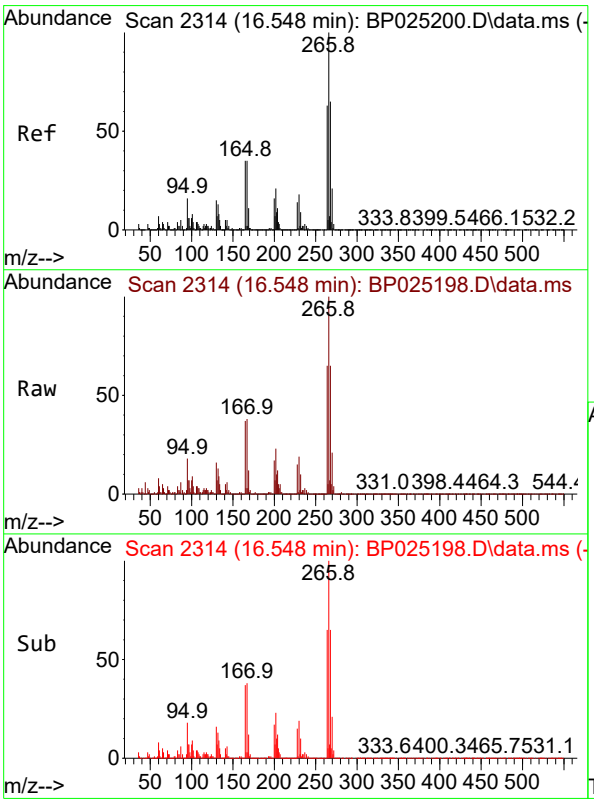
#69
Atrazine
Concen: 9.812 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 292440

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	50.0	28.5	68.5

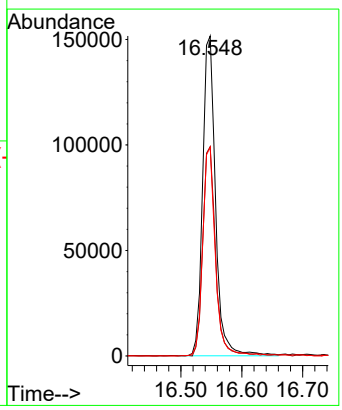


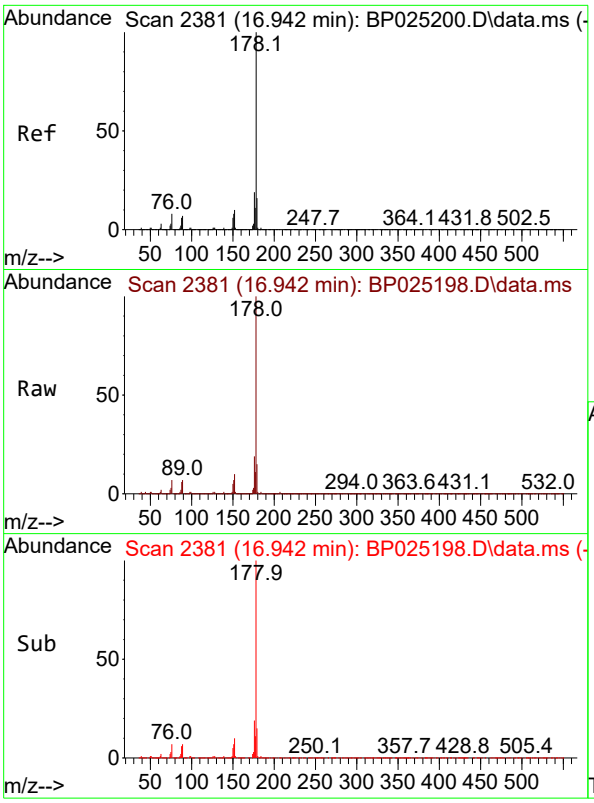


#70
Pentachlorophenol
Concen: 9.080 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:266 Resp: 223420

Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.8	77.6
264	65.2	50.3	75.5



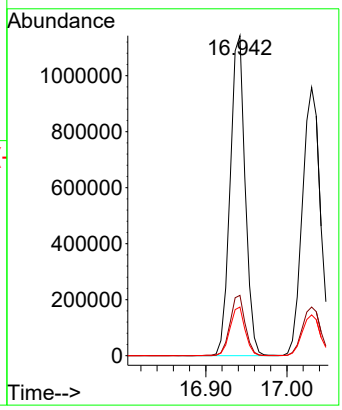


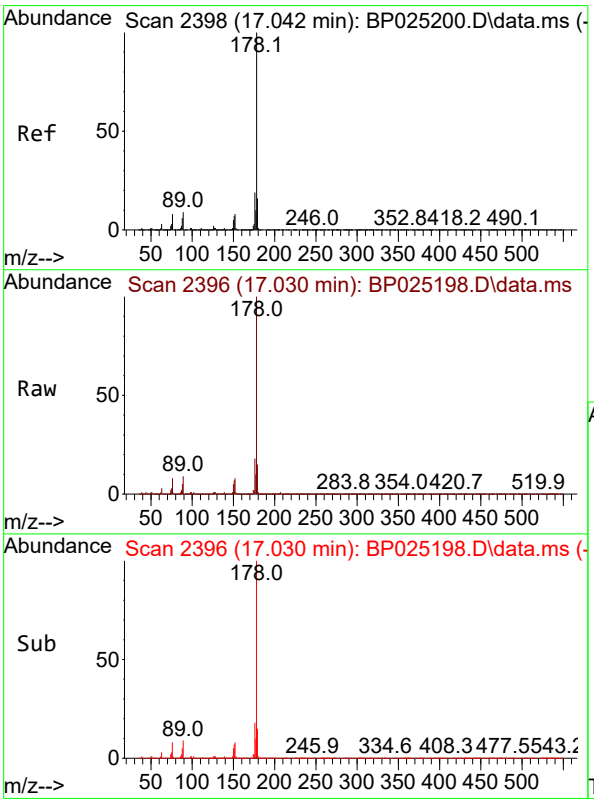
#71
Phenanthrene
Concen: 10.017 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 1465440

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.2	12.5	18.7

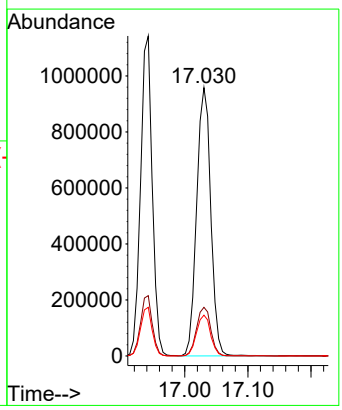


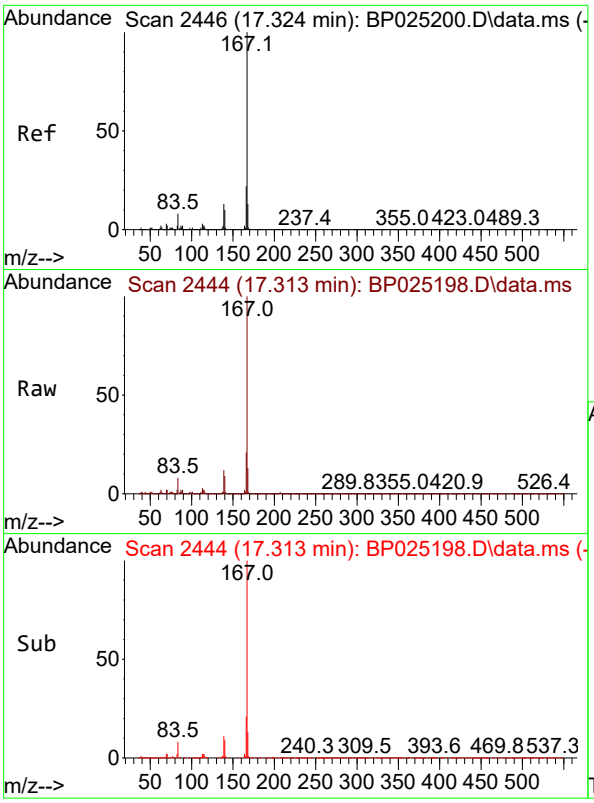


#72
Anthracene
Concen: 9.985 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:178 Resp: 1482992

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.2	12.5	18.7



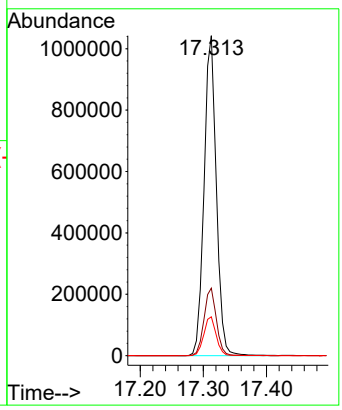


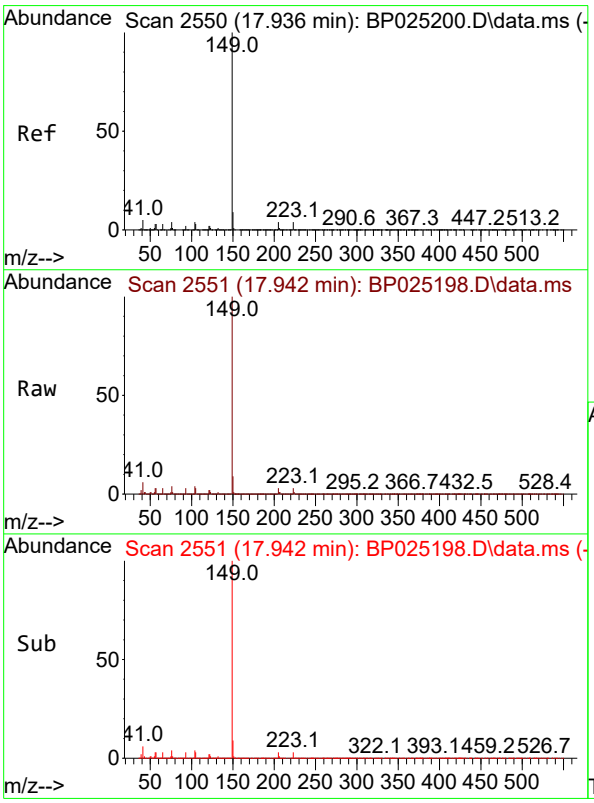
#73
Carbazole
Concen: 9.951 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 1406173

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.3	25.9
139	12.1	10.1	15.1

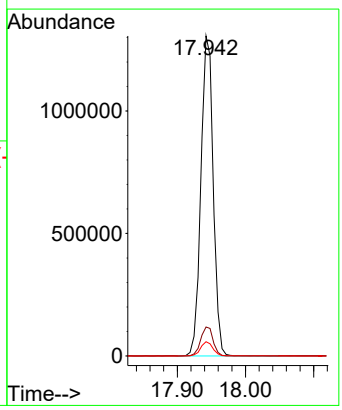


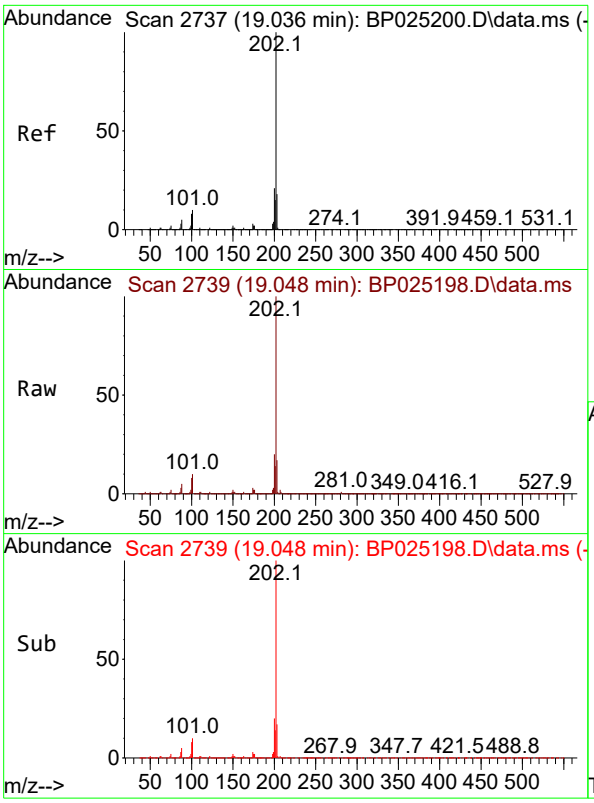


#74
Di-n-butylphthalate
Concen: 9.887 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1638310

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.4	3.5	5.3



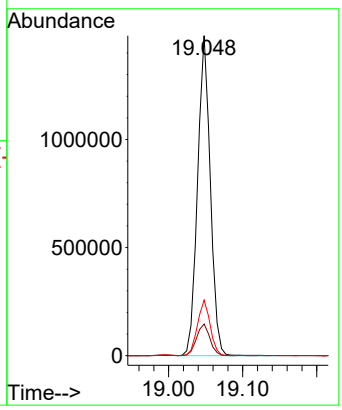


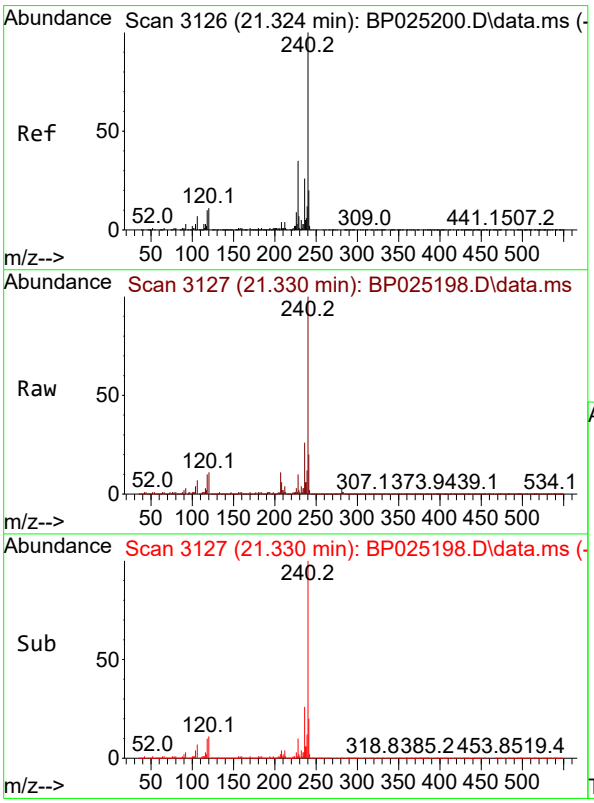
#75
Fluoranthene
Concen: 10.190 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1762633

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.4	0.0	38.0

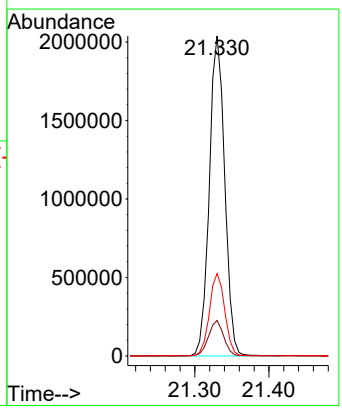


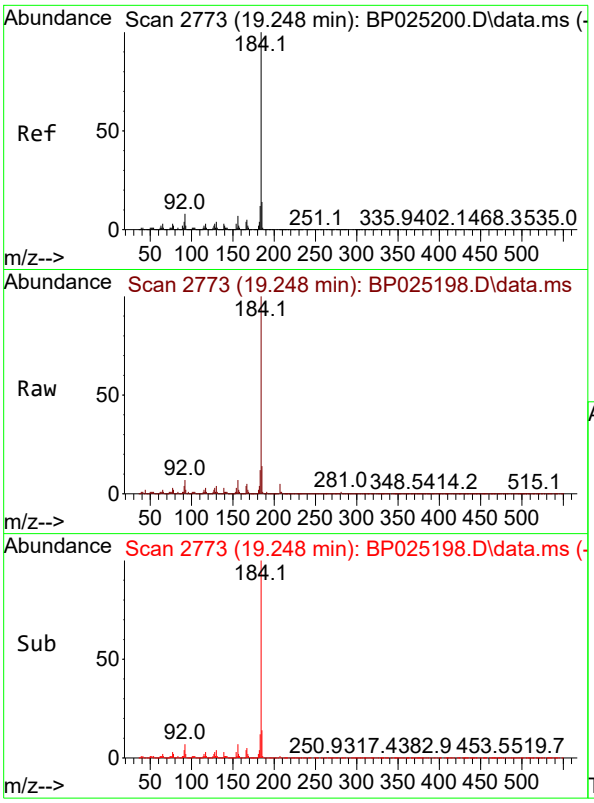


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:240 Resp: 2939535

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	25.8	20.9	31.3



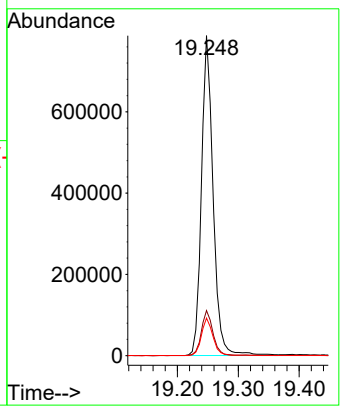


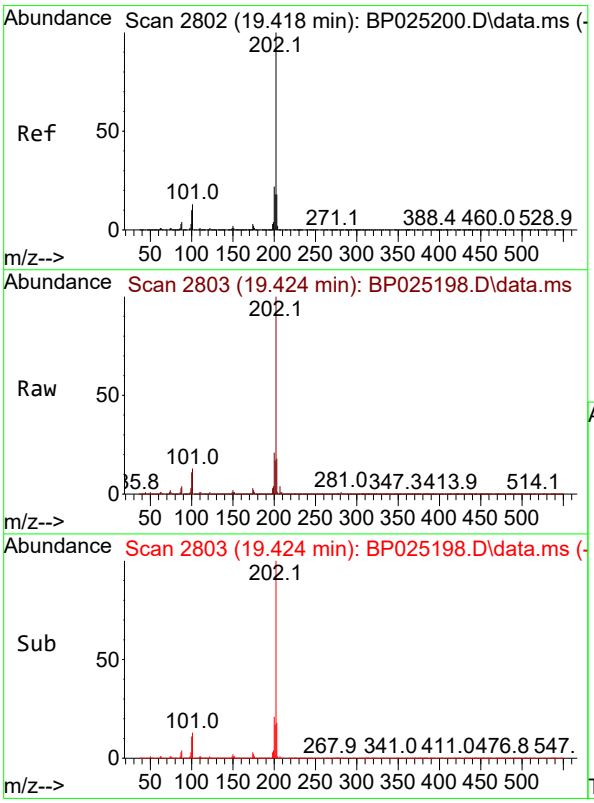
#77
Benzidine
Concen: 9.309 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 1045235

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.7	9.6	14.4

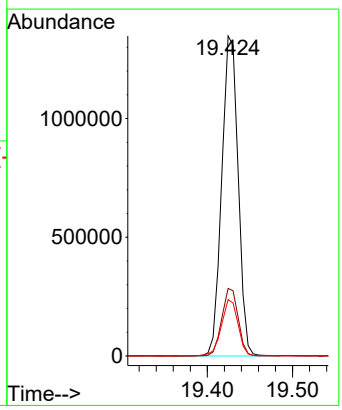


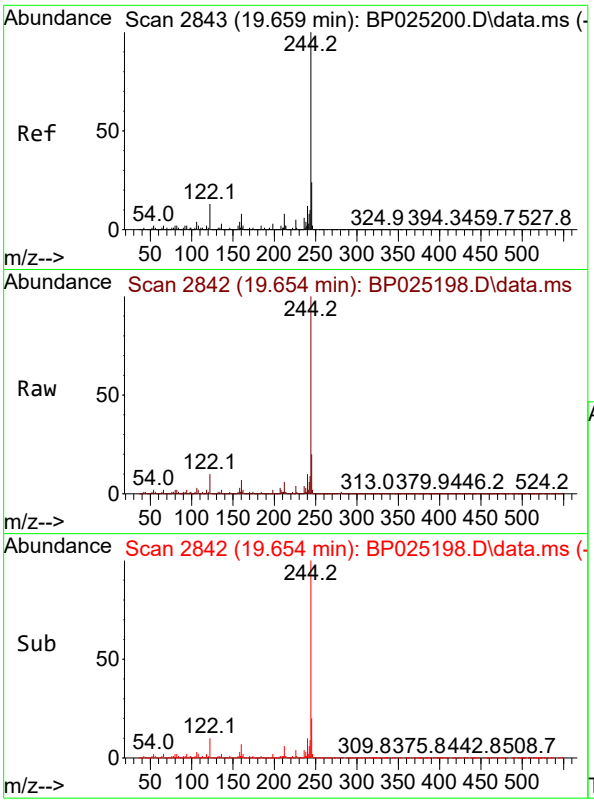


#78
Pyrene
Concen: 9.667 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:202 Resp: 1805942

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5



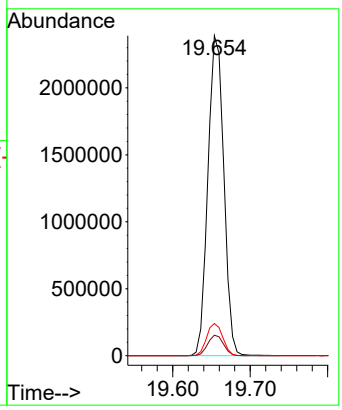


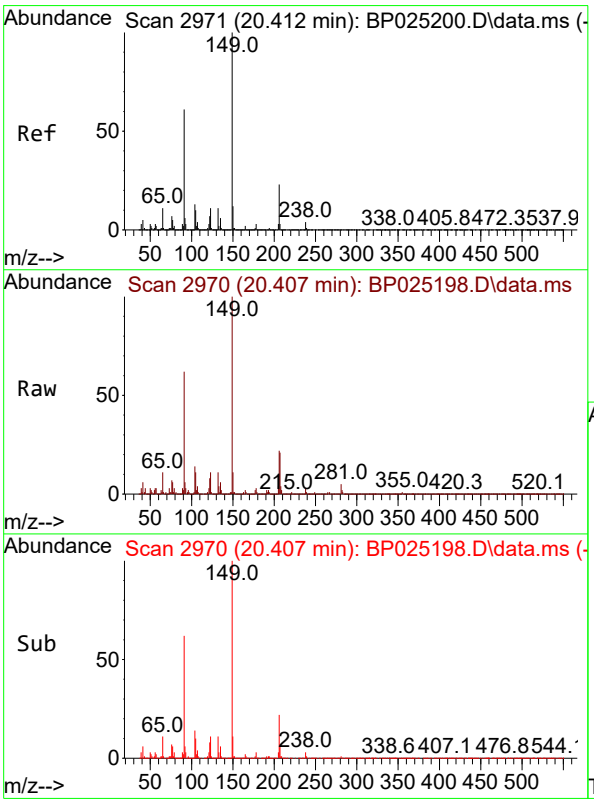
#79
Terphenyl-d14
Concen: 21.694 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 3414680

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8#
122	10.1	10.3	15.5#

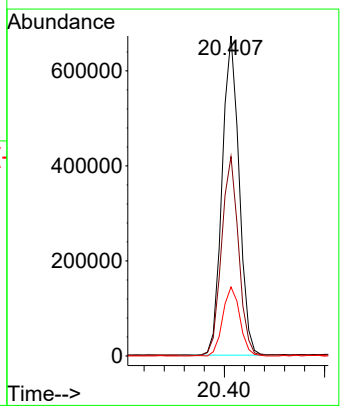


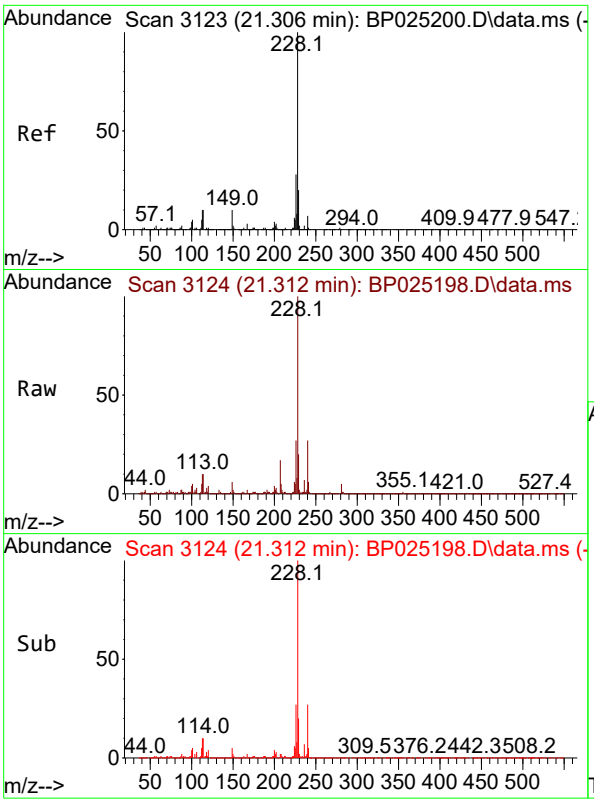


#80
Butylbenzylphthalate
Concen: 9.553 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 787501

Ion	Ratio	Lower	Upper
149	100		
91	62.3	48.8	73.2
206	21.6	18.4	27.6



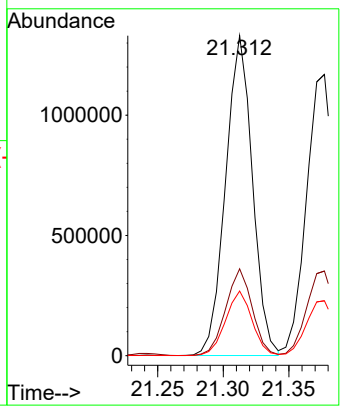


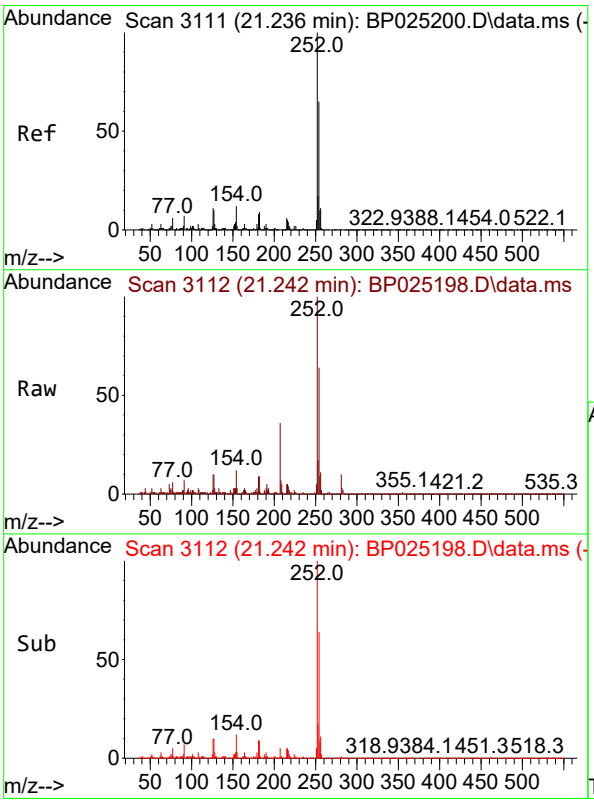
#81
Benzo(a)anthracene
Concen: 9.908 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1894426

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	20.2	16.2	24.2

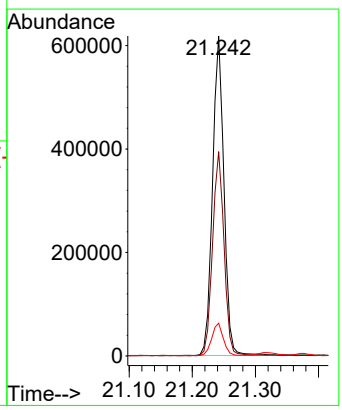


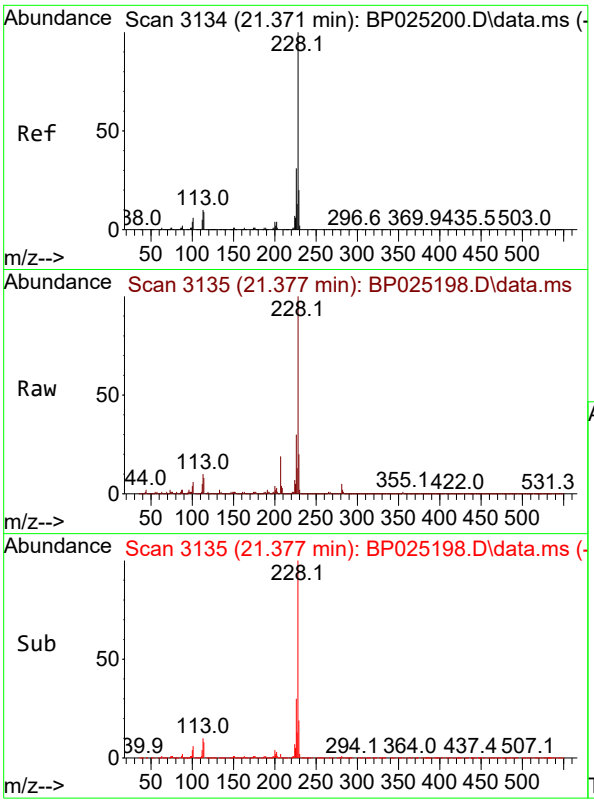


#82
3,3'-Dichlorobenzidine
Concen: 9.826 ng
RT: 21.242 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 770405

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	10.3	8.6	12.8



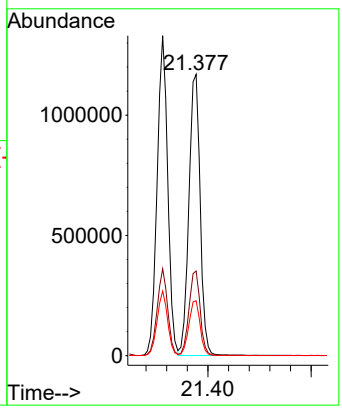


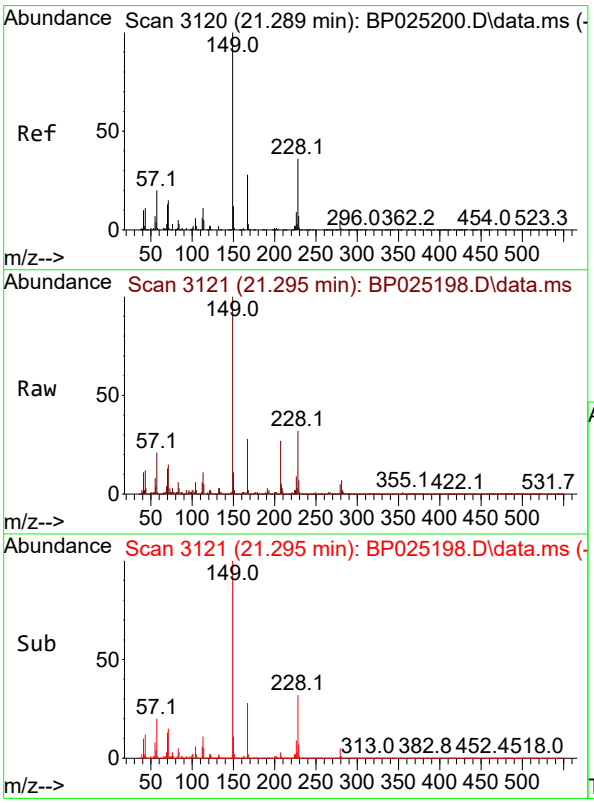
#83
Chrysene
Concen: 9.912 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1767347

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.5	16.0	24.0

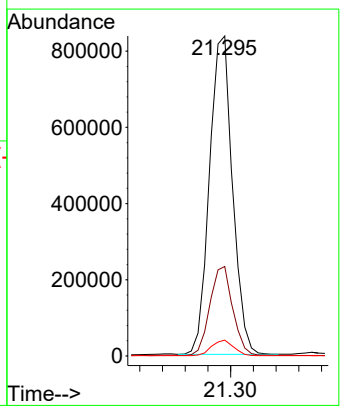


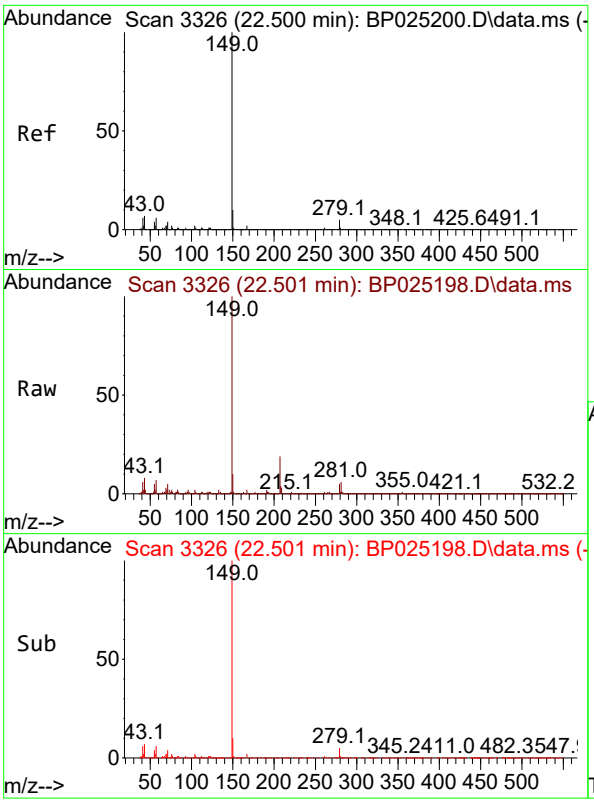


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.800 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1177770

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.9	4.0	6.0



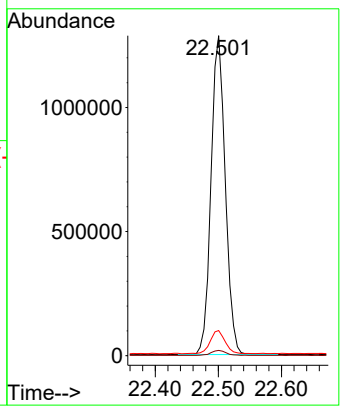


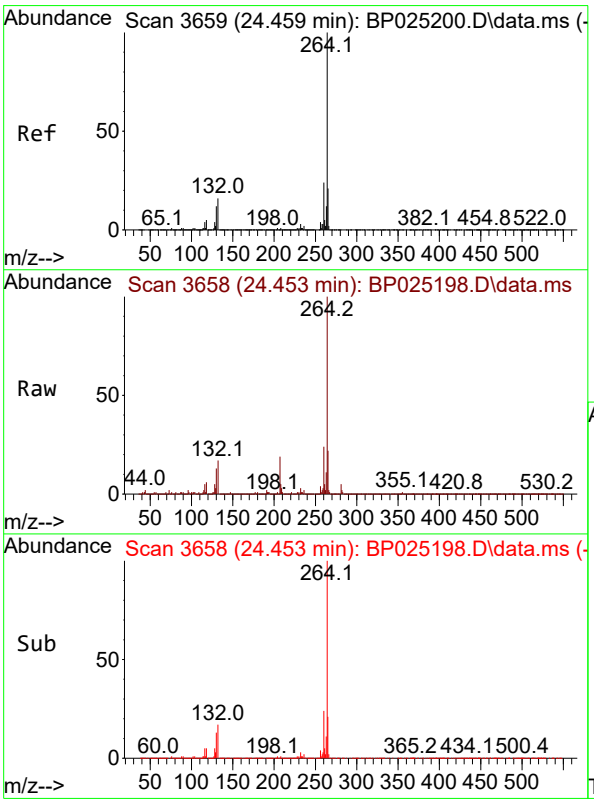
#85
Di-n-octyl phthalate
Concen: 9.601 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 2011265

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.1	9.1

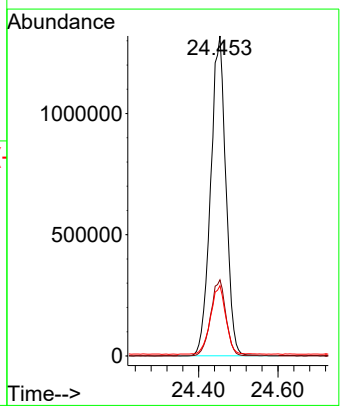


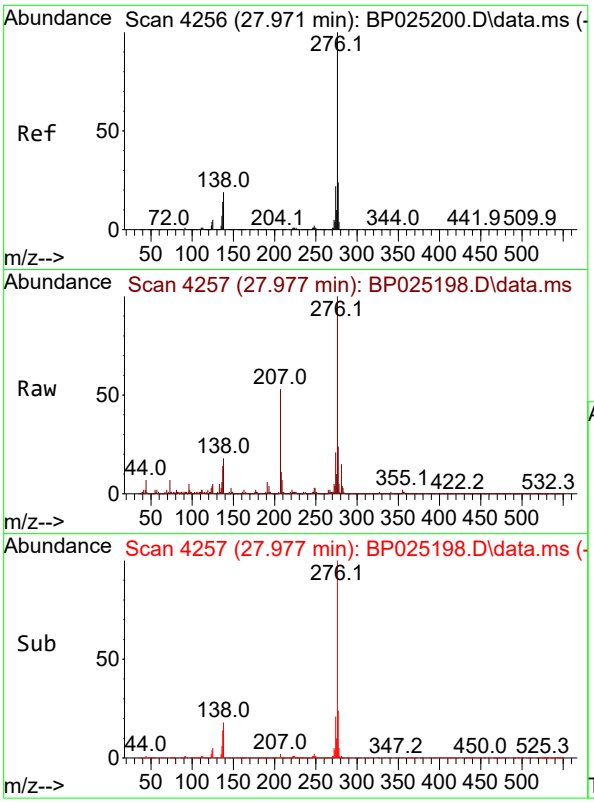


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:264 Resp: 3517768

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.5	26.3



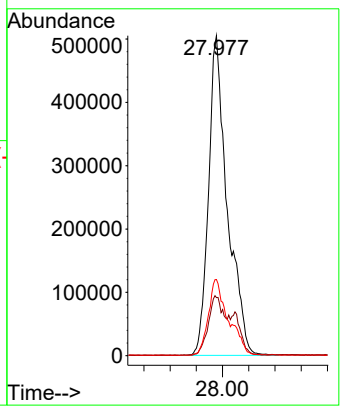


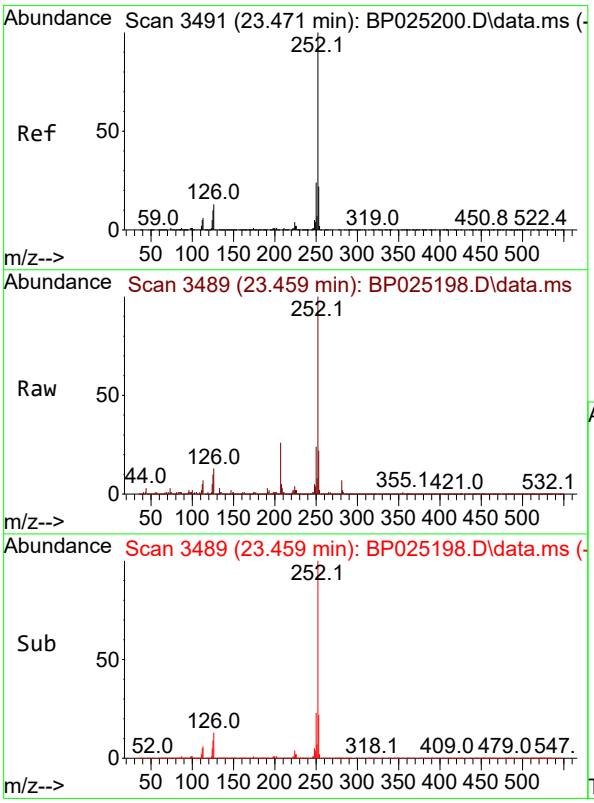
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.716 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 2512454

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.8	19.2
277	25.3	20.3	30.5

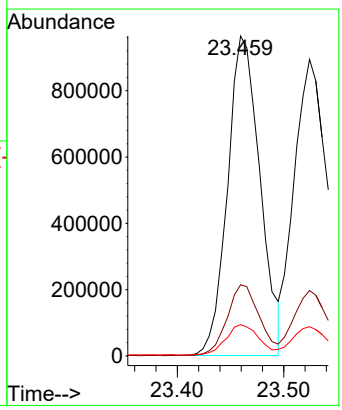


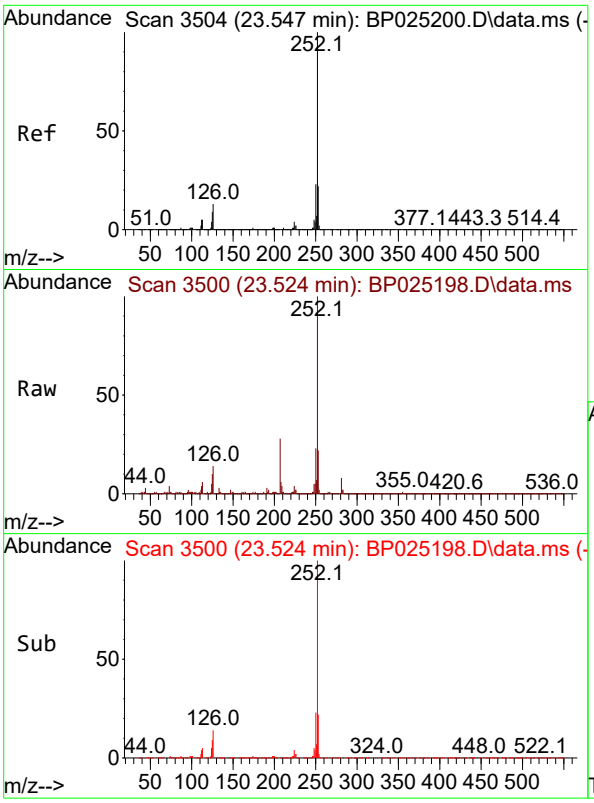


#88
Benzo(b)fluoranthene
Concen: 9.982 ng
RT: 23.459 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 2047782

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	7.8	11.8



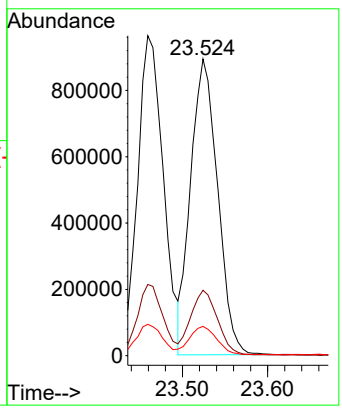


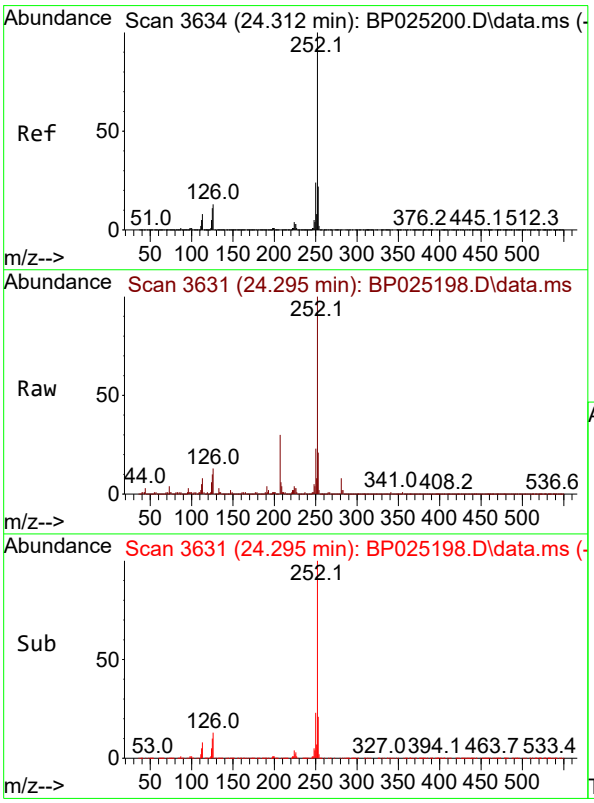
#89
Benzo(k)fluoranthene
Concen: 9.648 ng
RT: 23.524 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1965076

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.9	7.5	11.3

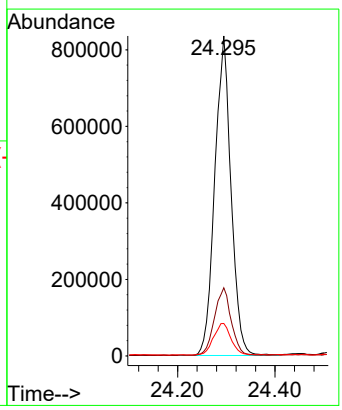


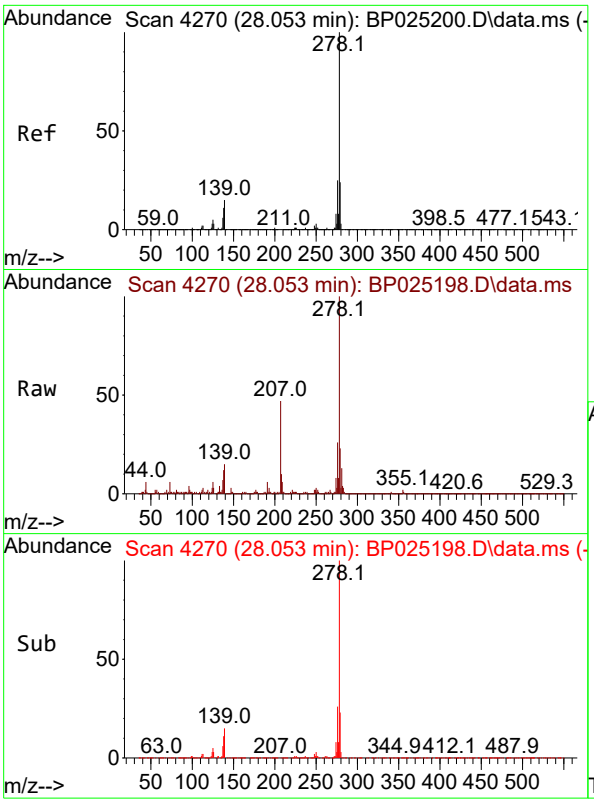


#90
Benzo(a)pyrene
Concen: 9.708 ng
RT: 24.295 min Scan# 3631
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 1933168

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	10.2	8.6	12.8



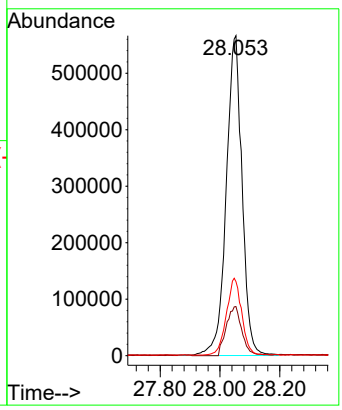


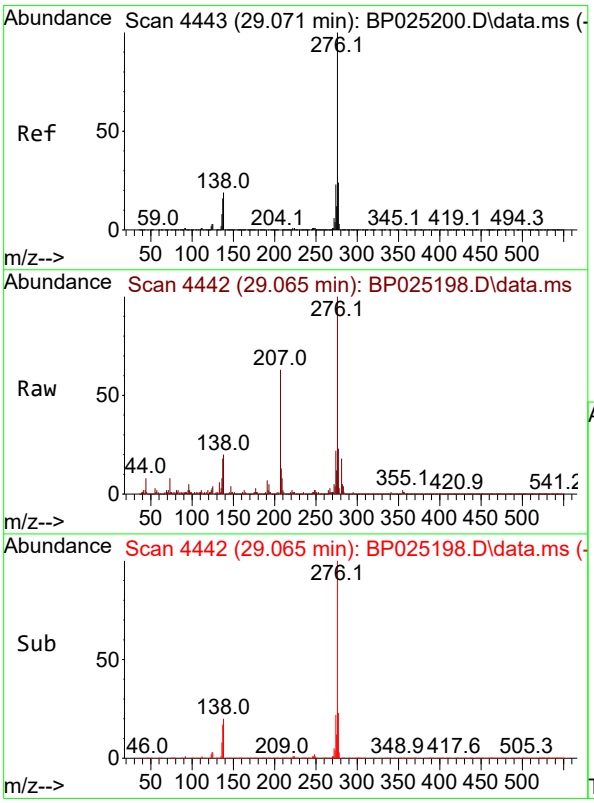
#91
Dibenzo(a,h)anthracene
Concen: 9.792 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 2076587

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	23.2	19.5	29.3

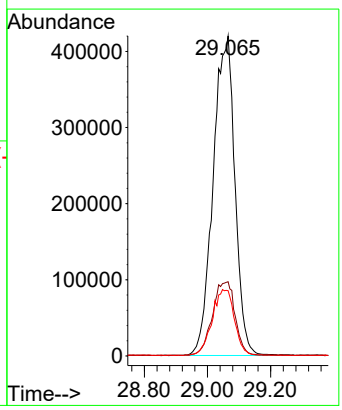




#92
Benzo(g,h,i)perylene
Concen: 9.658 ng
RT: 29.065 min Scan# 4442
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:276 Resp: 2006207

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	20.4	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	661165	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2624373	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1725537	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	3420424	20.000	ng	0.00
76) Chrysene-d12	21.330	240	3723190	20.000	ng	0.00
86) Perylene-d12	24.459	264	4465504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1586240	40.080	ng	0.00
7) Phenol-d6	6.637	99	1952718	39.965	ng	0.00
23) Nitrobenzene-d5	8.566	82	1937093	40.469	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1028445	40.082	ng	-0.01
45) 2-Fluorobiphenyl	12.672	172	5263353	40.382	ng	-0.01
79) Terphenyl-d14	19.660	244	8390472	42.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	293388	19.725	ng	100
3) Pyridine	3.496	79	778928	19.772	ng	99
4) n-Nitrosodimethylamine	3.402	42	309184	19.886	ng	94
6) Aniline	6.778	93	1264692	19.904	ng	100
8) 2-Chlorophenol	7.013	128	890007	19.986	ng	99
9) Benzaldehyde	6.596	77	630829	18.066	ng	100
10) Phenol	6.660	94	1005845	19.897	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	764760	19.703	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1000926	19.812	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1012968	19.869	ng	100
14) 1,2-Dichlorobenzene	7.778	146	966008	19.719	ng	99
15) Benzyl Alcohol	7.672	79	695033	19.845	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	989741	19.879	ng	99
17) 2-Methylphenol	7.878	107	696041	19.906	ng	99
18) Hexachloroethane	8.490	117	341991	19.645	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	594405	20.185	ng	99
20) 3+4-Methylphenols	8.195	107	949514	19.881	ng	97
22) Acetophenone	8.237	105	1264897	20.349	ng	99
24) Nitrobenzene	8.607	77	854569	20.145	ng	98
25) Isophorone	9.131	82	1696703	20.239	ng	100
26) 2-Nitrophenol	9.307	139	480785	20.136	ng	99
27) 2,4-Dimethylphenol	9.378	122	818802	20.144	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1064963	20.235	ng	99
29) 2,4-Dichlorophenol	9.831	162	840876	20.169	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	916180	19.972	ng	100
31) Naphthalene	10.225	128	2744118	20.078	ng	99
32) Benzoic acid	9.501	122	592400	19.955	ng	97
33) 4-Chloroaniline	10.337	127	1195494	20.146	ng	99
34) Hexachlorobutadiene	10.519	225	554225	20.117	ng	98
35) Caprolactam	11.113	113	280019	20.409	ng	93
36) 4-Chloro-3-methylphenol	11.484	107	845122	20.298	ng	99
37) 2-Methylnaphthalene	11.854	142	1787280	20.219	ng	99
38) 1-Methylnaphthalene	12.078	142	1873159	20.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1037365	19.852	ng	99
41) Hexachlorocyclopentadiene	12.219	237	568117	19.172	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	710607	20.126	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

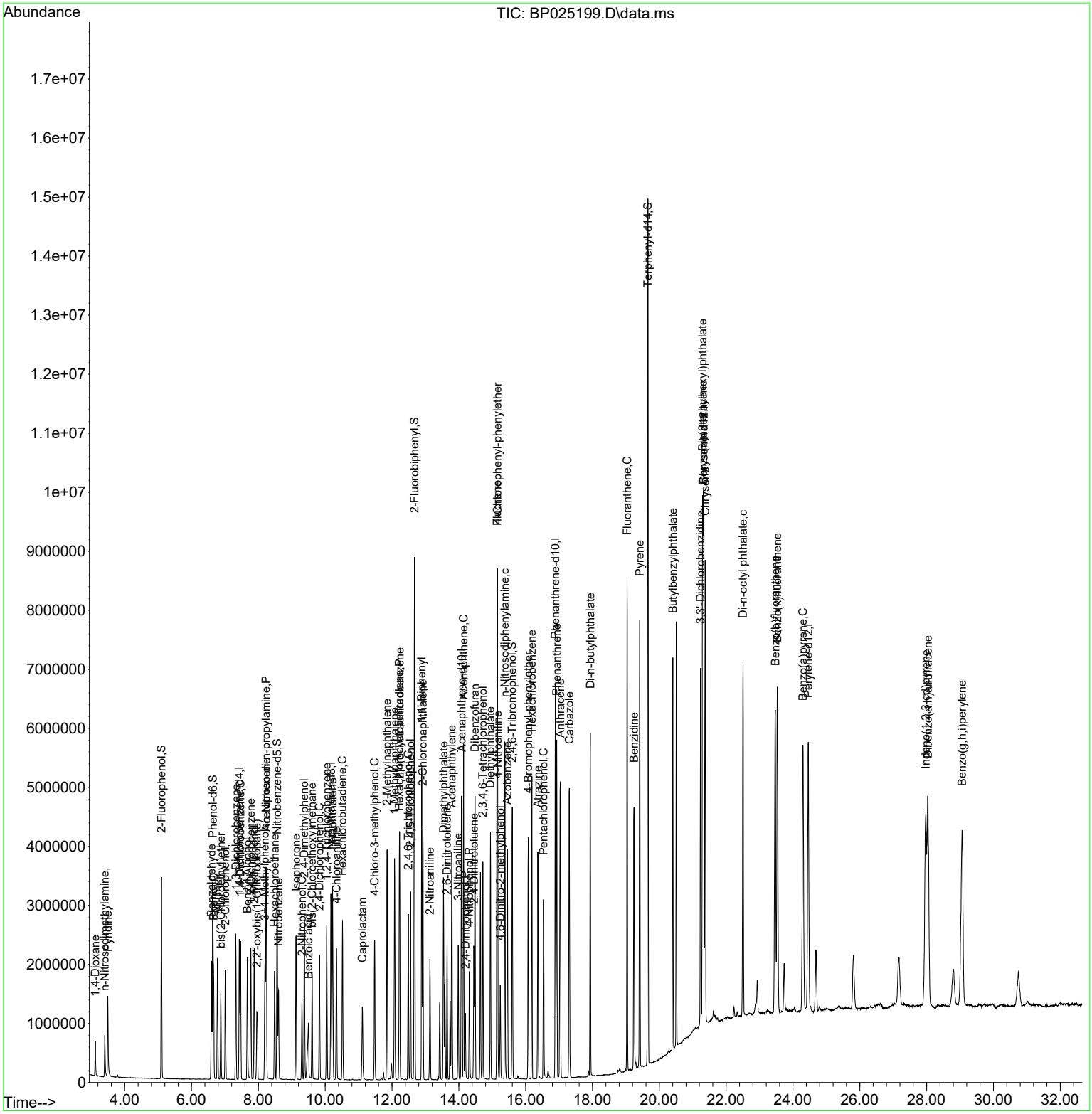
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	779183	20.021	ng	99
46) 1,1'-Biphenyl	12.889	154	2534298	19.863	ng	99
47) 2-Chloronaphthalene	12.925	162	1943669	19.663	ng	100
48) 2-Nitroaniline	13.136	65	499848	20.158	ng	99
49) Acenaphthylene	13.789	152	3266617	20.152	ng	100
50) Dimethylphthalate	13.542	163	2514591	19.973	ng	99
51) 2,6-Dinitrotoluene	13.648	165	539220	20.233	ng	98
52) Acenaphthene	14.142	154	1858898	19.907	ng	100
53) 3-Nitroaniline	13.983	138	607977	20.219	ng	97
54) 2,4-Dinitrophenol	14.195	184	289004	19.352	ng	99
55) Dibenzofuran	14.483	168	3017432	19.958	ng	99
56) 4-Nitrophenol	14.313	139	516291	20.148	ng	96
57) 2,4-Dinitrotoluene	14.454	165	756940	20.387	ng	97
58) Fluorene	15.148	166	2413500	20.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	693949	20.143	ng	99
60) Diethylphthalate	14.948	149	2464234	19.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	1202237	19.780	ng	98
62) 4-Nitroaniline	15.166	138	633835	20.685	ng	99
63) Azobenzene	15.454	77	2017191	20.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	419051	19.570	ng	99
66) n-Nitrosodiphenylamine	15.377	169	2138707	20.077	ng	100
67) 4-Bromophenyl-phenylether	16.077	248	797636	19.779	ng	99
68) Hexachlorobenzene	16.189	284	962844	19.994	ng	99
69) Atrazine	16.366	200	786929	20.267	ng	99
70) Pentachlorophenol	16.536	266	639966	19.965	ng	99
71) Phenanthrene	16.930	178	3812811	20.006	ng	99
72) Anthracene	17.036	178	3906820	20.193	ng	99
73) Carbazole	17.307	167	3714018	20.175	ng	100
74) Di-n-butylphthalate	17.936	149	4406649	20.415	ng	99
75) Fluoranthene	19.036	202	4574063	20.298	ng	99
77) Benzidine	19.242	184	2913500	20.485	ng	99
78) Pyrene	19.413	202	4741470	20.039	ng	99
80) Butylbenzylphthalate	20.407	149	2085097	19.969	ng	100
81) Benzo(a)anthracene	21.312	228	4880320	20.152	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	2048334	20.627	ng	100
83) Chrysene	21.371	228	4523656	20.030	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	3041538	19.981	ng	100
85) Di-n-octyl phthalate	22.506	149	5425668	20.449	ng	99
87) Indeno(1,2,3-cd)pyrene	27.977	276	6525812	19.880	ng	99
88) Benzo(b)fluoranthene	23.471	252	5129956	19.698	ng	99
89) Benzo(k)fluoranthene	23.536	252	5125128	19.822	ng	100
90) Benzo(a)pyrene	24.301	252	5051354	19.982	ng	99
91) Dibenzo(a,h)anthracene	28.041	278	5381616	19.991	ng	99
92) Benzo(g,h,i)perylene	29.059	276	5259660	19.946	ng	99

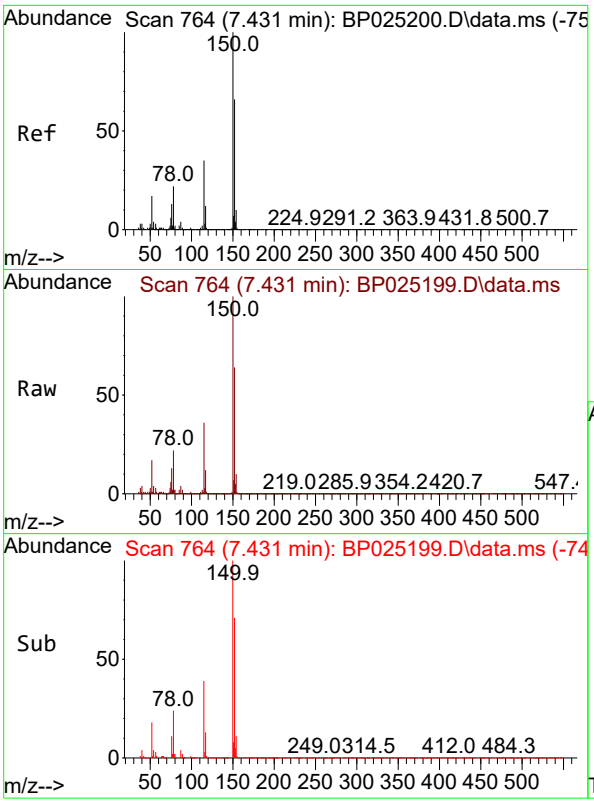
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Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



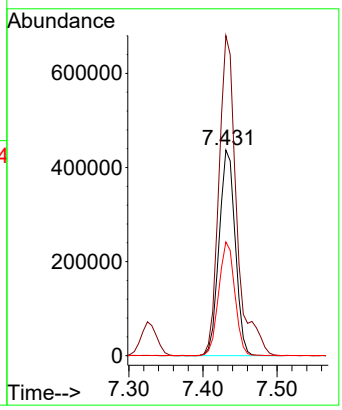


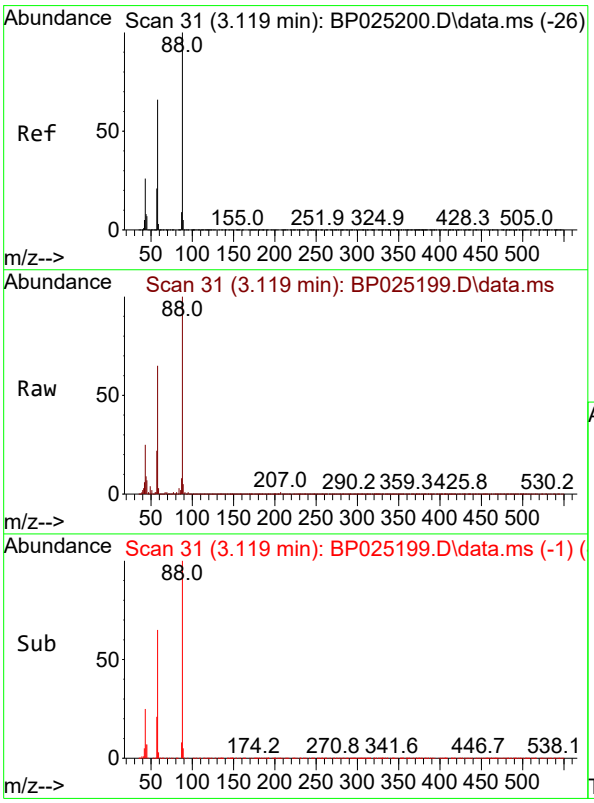
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 661165

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.9	182.9
115	55.3	43.0	64.6

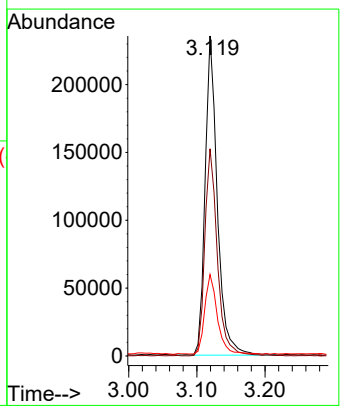


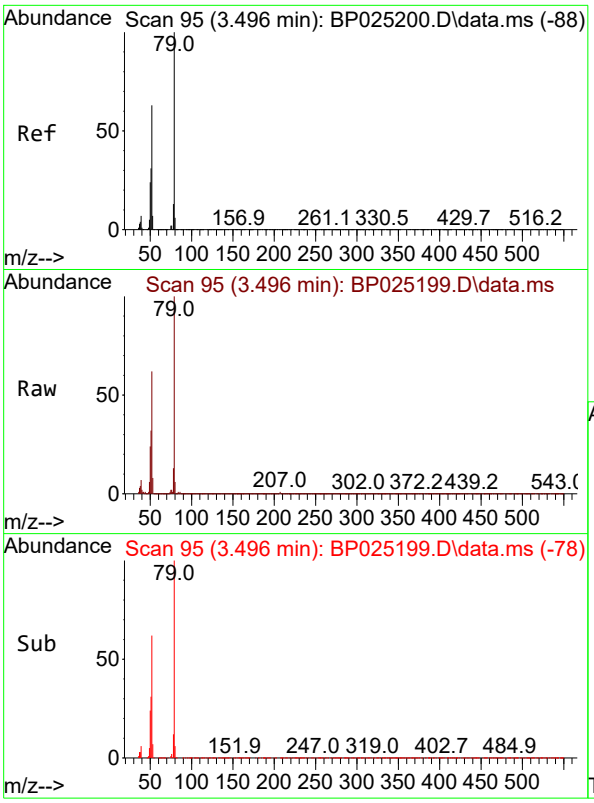


#2
1,4-Dioxane
Concen: 19.725 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 88 Resp: 293388

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.8	20.8	31.2



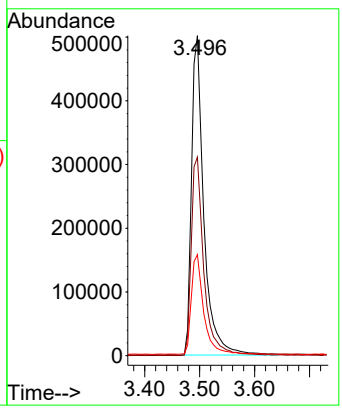


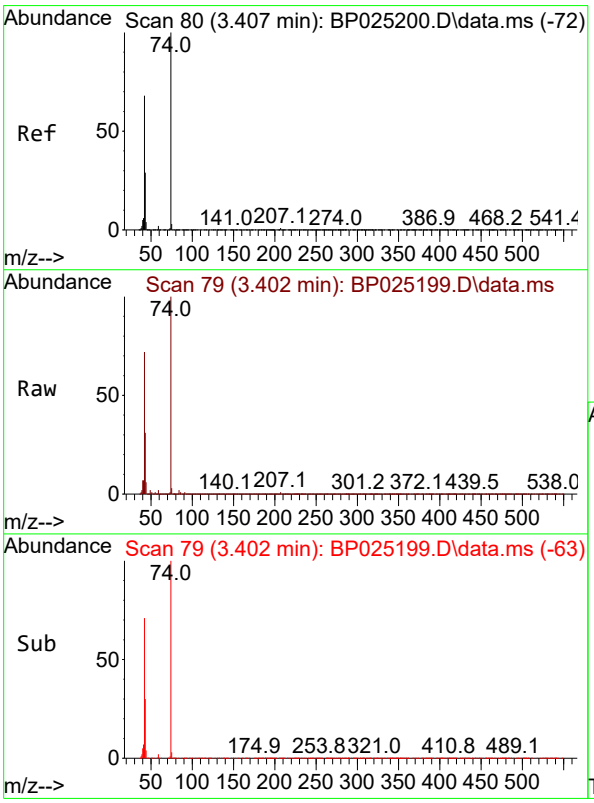
#3
Pyridine
Concen: 19.772 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 778928

Ion	Ratio	Lower	Upper
79	100		
52	62.0	50.2	75.4
51	31.6	25.0	37.4

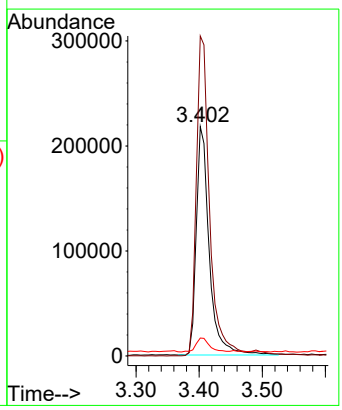


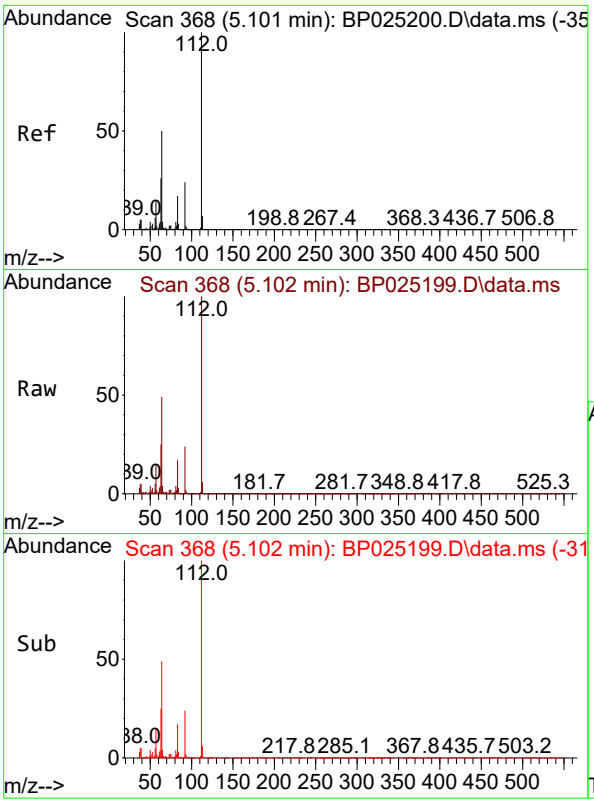


#4
n-Nitrosodimethylamine
Concen: 19.886 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 42 Resp: 309184

Ion	Ratio	Lower	Upper
42	100		
74	139.5	118.0	177.0
44	7.8	5.5	8.3



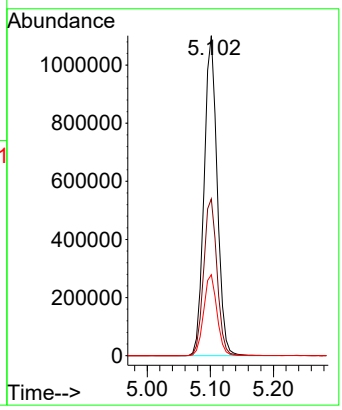


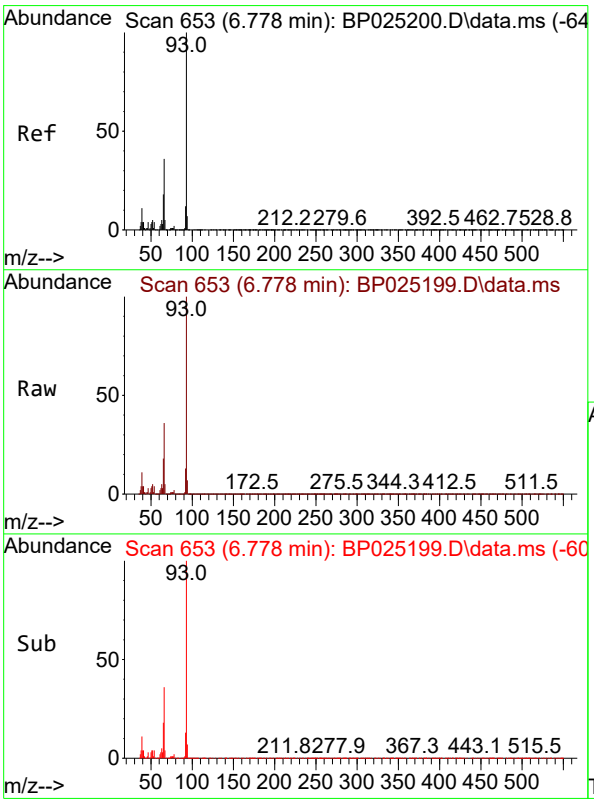
#5
2-Fluorophenol
Concen: 40.080 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 1586240

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.8	59.6
63	25.3	20.5	30.7

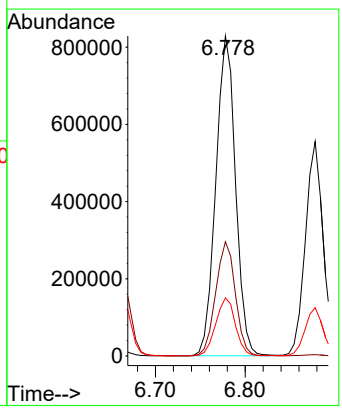


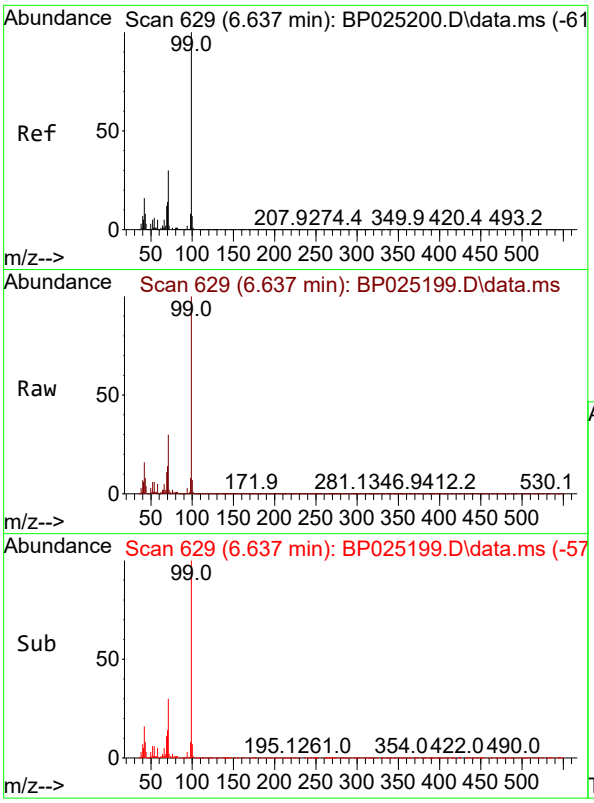


#6
Aniline
Concen: 19.904 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1264692

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.2	14.6	21.8



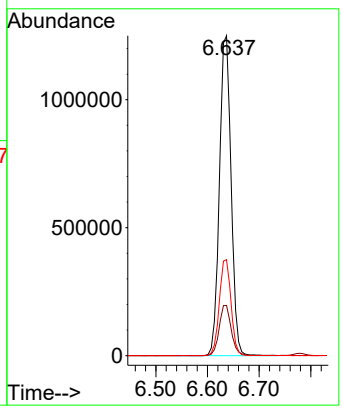


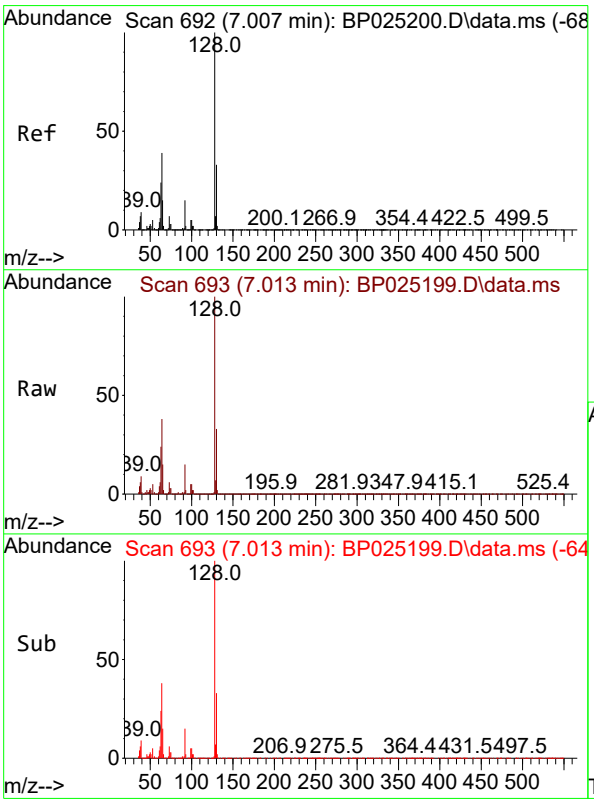
#7
Phenol-d6
Concen: 39.965 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1952718

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.0	24.2	36.2

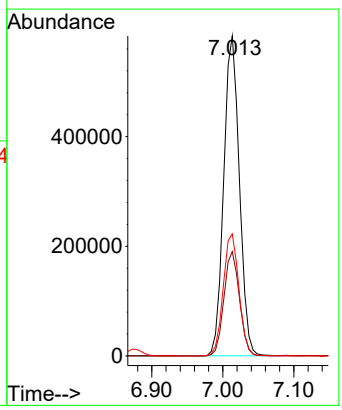


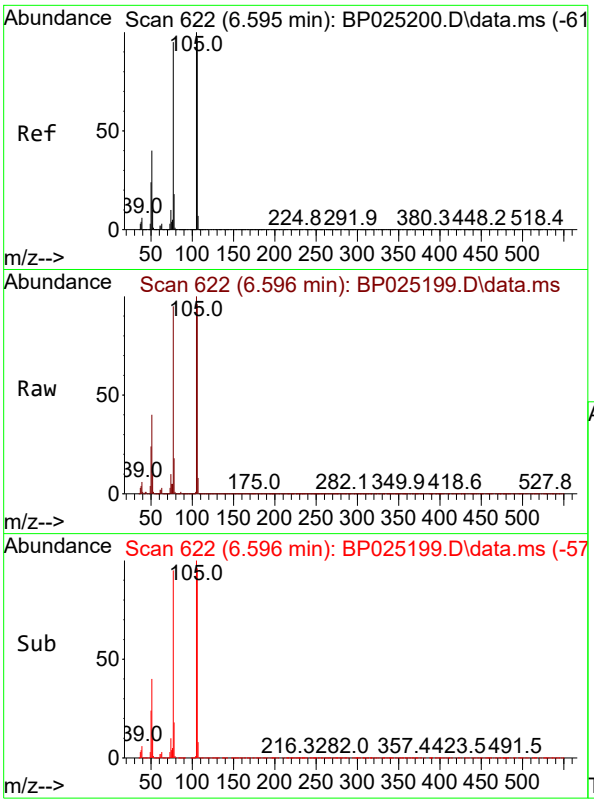


#8
2-Chlorophenol
Concen: 19.986 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:128 Resp: 890007

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	38.2	19.2	59.2



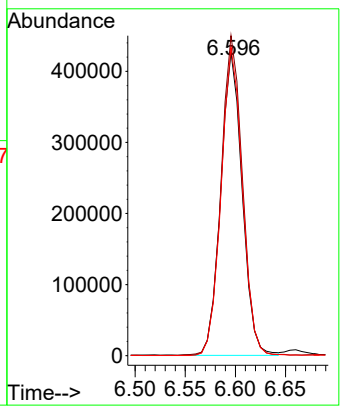


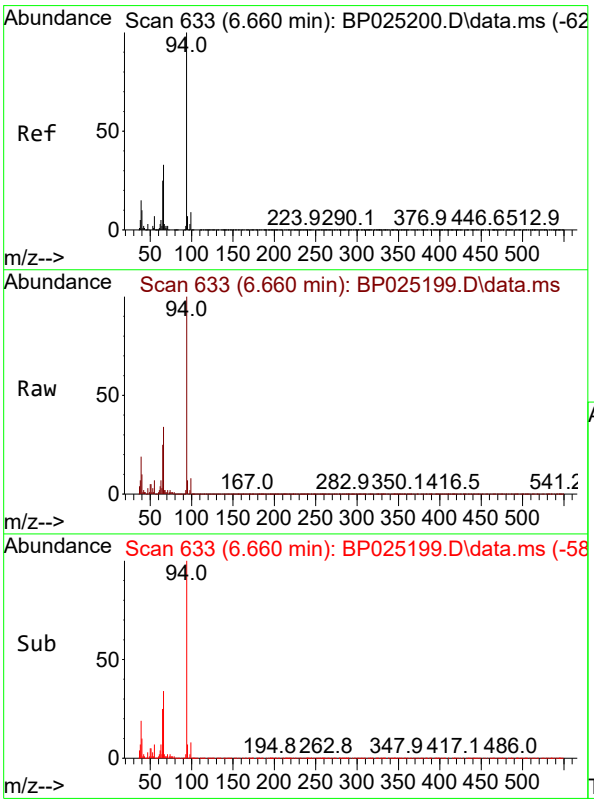
#9
Benzaldehyde
Concen: 18.066 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 630829

Ion	Ratio	Lower	Upper
77	100		
105	105.5	85.5	125.5
106	101.6	81.9	121.9

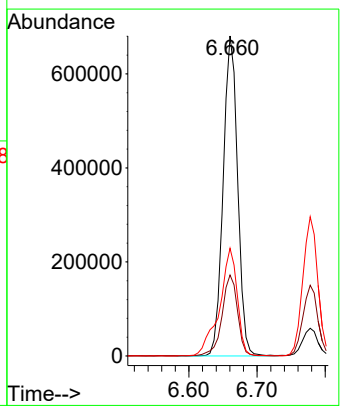


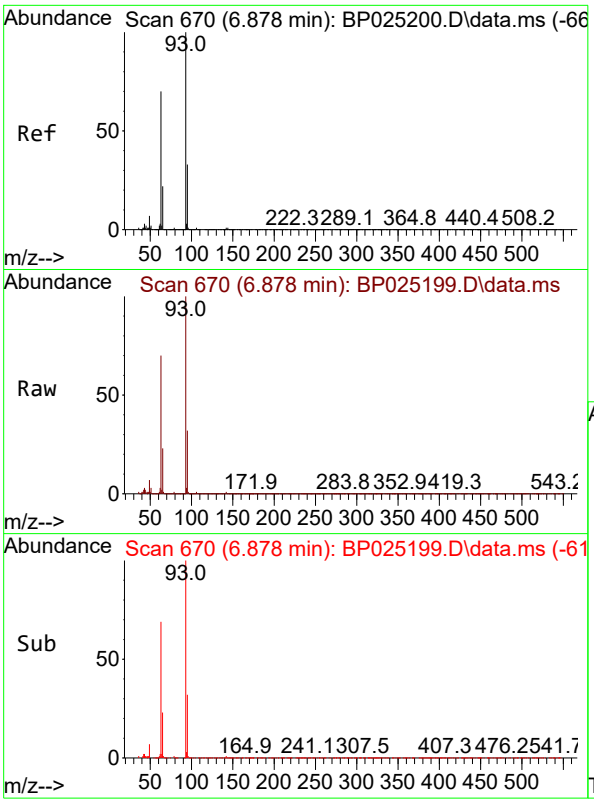


#10
Phenol
Concen: 19.897 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 94 Resp: 1005845

Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.4	45.4
66	33.6	13.5	53.5



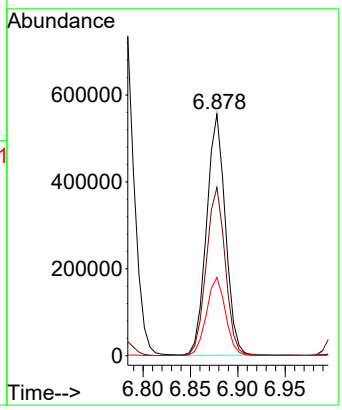


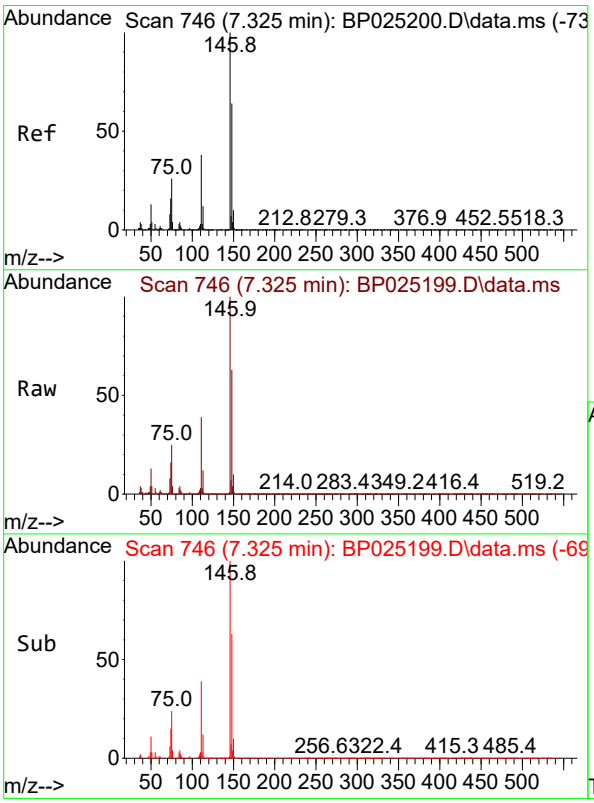
#11
bis(2-Chloroethyl)ether
Concen: 19.703 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 764760

Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.0	90.0
95	32.4	12.9	52.9

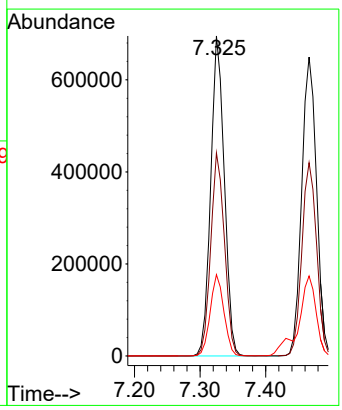


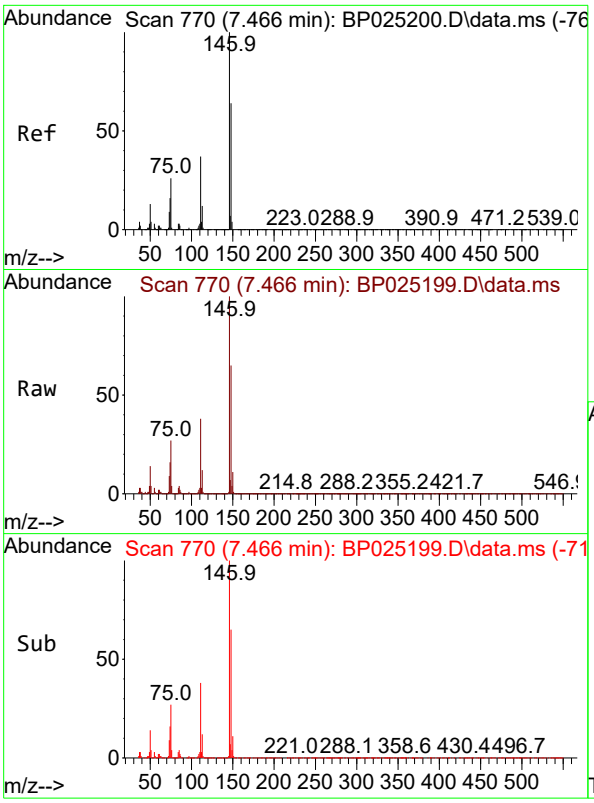


#12
1,3-Dichlorobenzene
Concen: 19.812 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 1000926

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	25.4	20.6	31.0



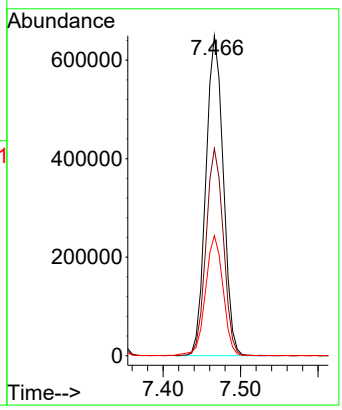


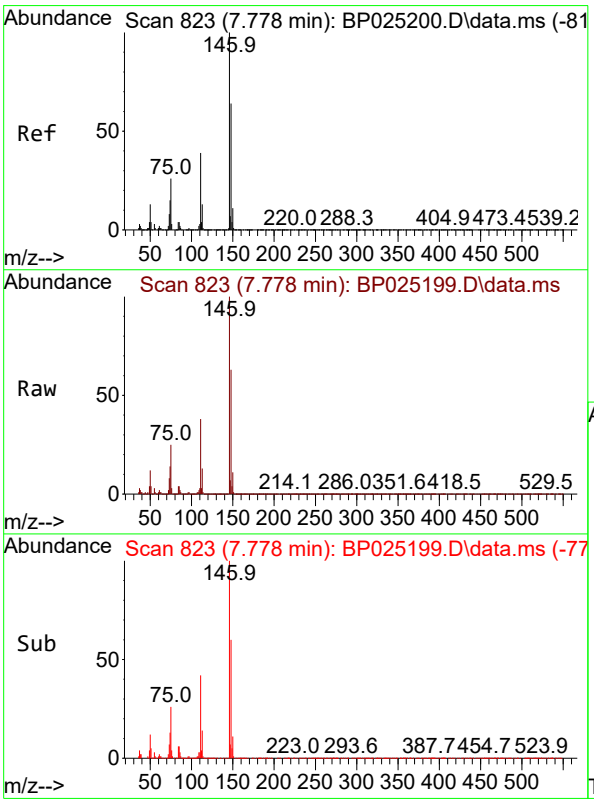
#13
1,4-Dichlorobenzene
Concen: 19.869 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 1012968

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9

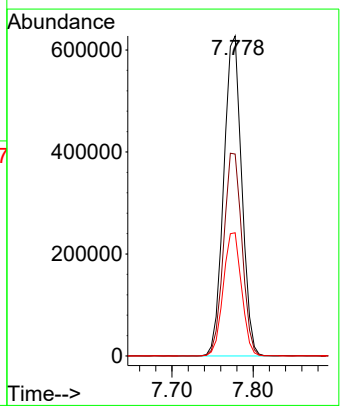


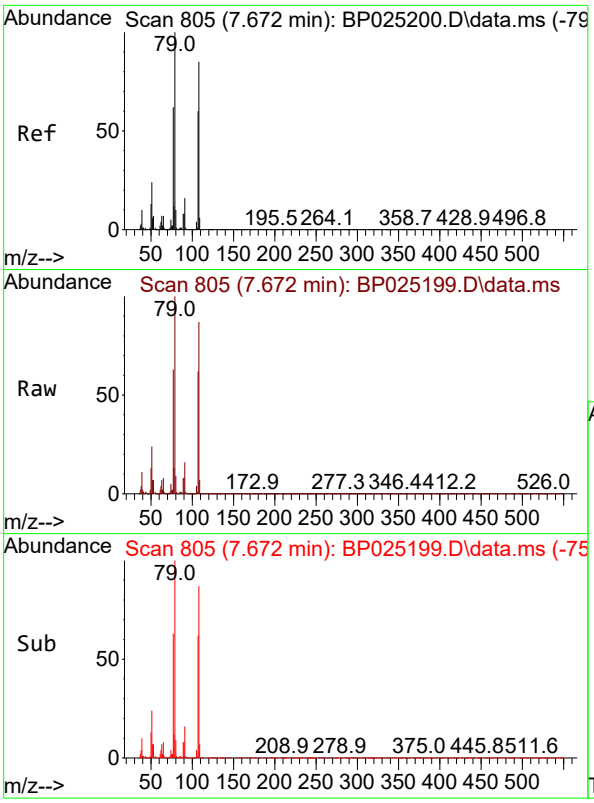


#14
1,2-Dichlorobenzene
Concen: 19.719 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 966008

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	38.5	31.3	46.9



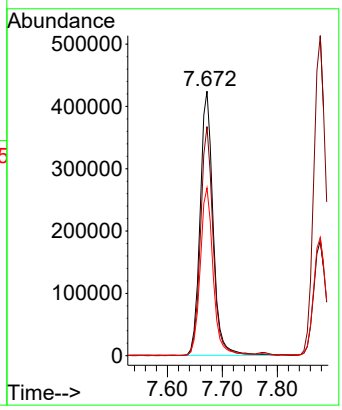


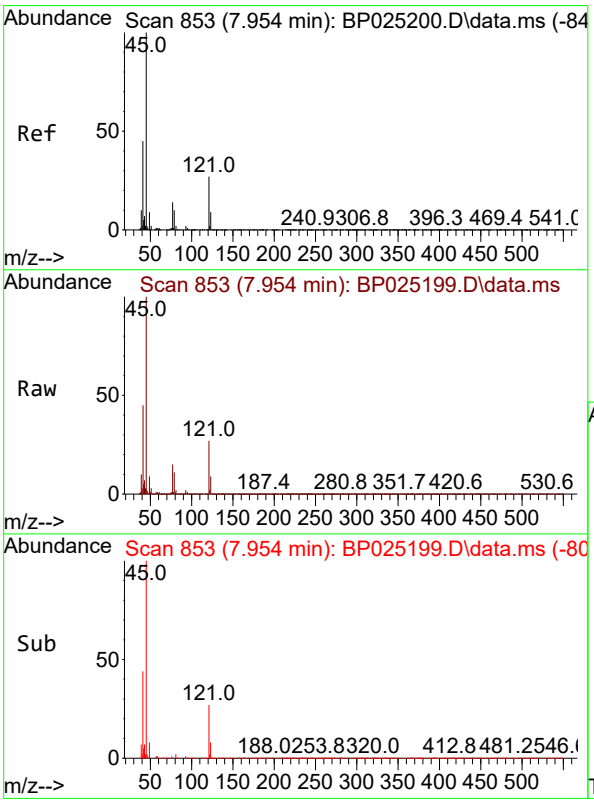
#15
Benzyl Alcohol
Concen: 19.845 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 695033

Ion	Ratio	Lower	Upper
79	100		
108	86.6	67.8	101.6
77	63.4	49.9	74.9

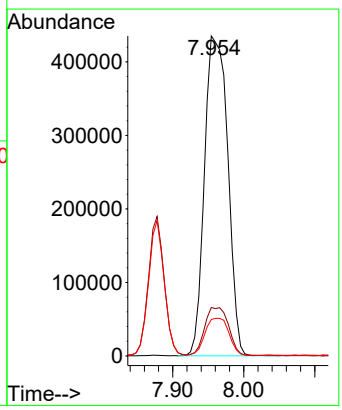


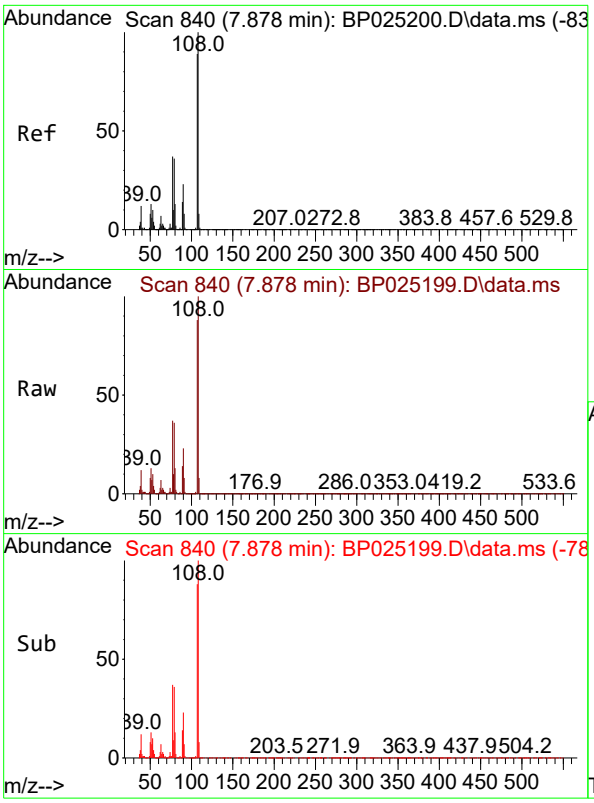


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.879 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 45 Resp: 989741

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	36.0
79	11.4	0.0	31.7



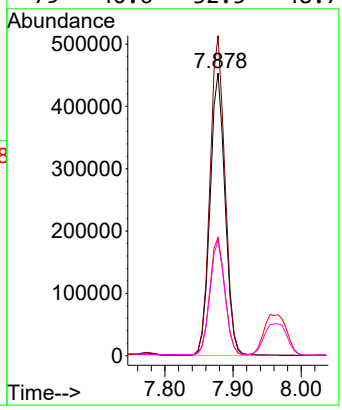


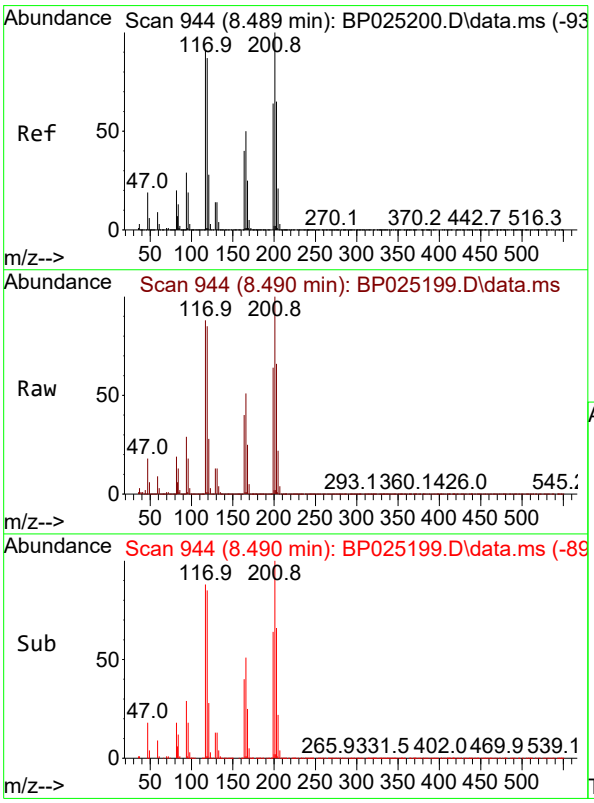
#17
2-Methylphenol
Concen: 19.906 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 696041

Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	41.9	33.2	49.8
79	40.6	32.5	48.7

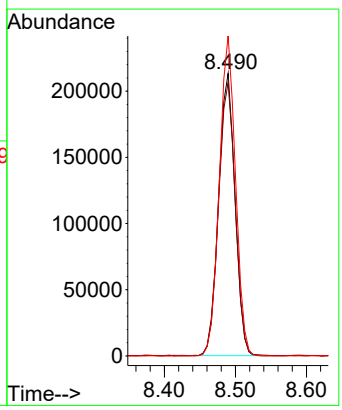


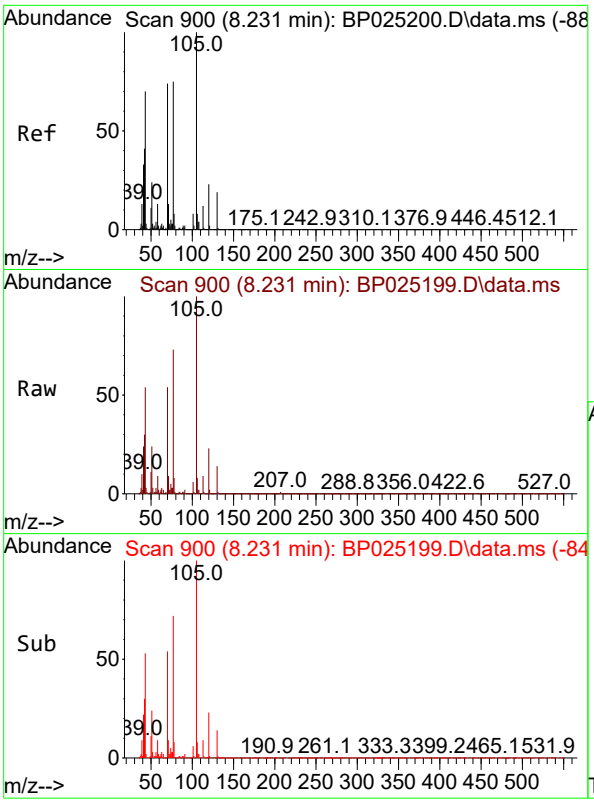


#18
Hexachloroethane
Concen: 19.645 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:117 Resp: 341991

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.6
201	113.3	88.3	132.5



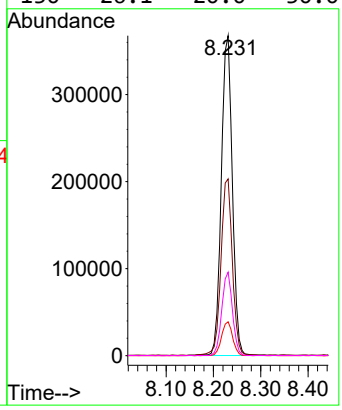


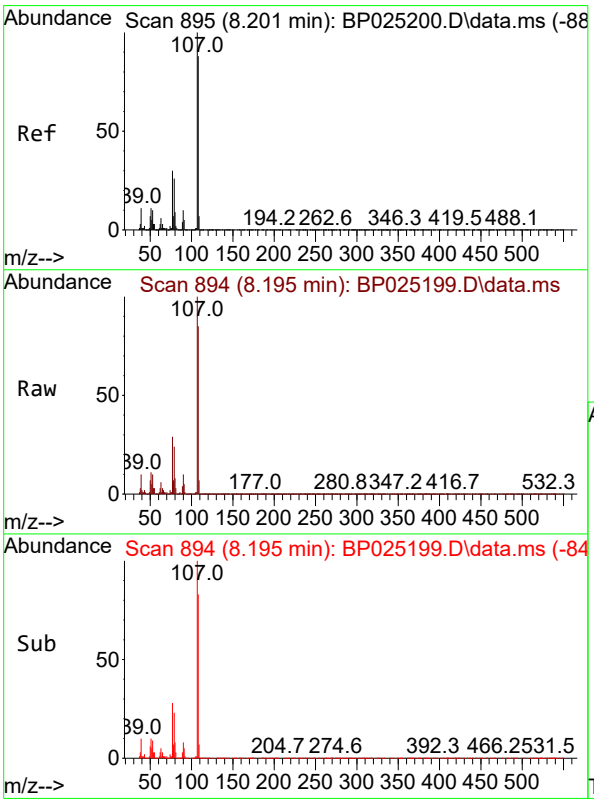
#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 594405

Ion	Ratio	Lower	Upper
70	100		
42	55.3	44.2	66.2
101	10.6	8.6	12.8
130	26.1	20.0	30.0

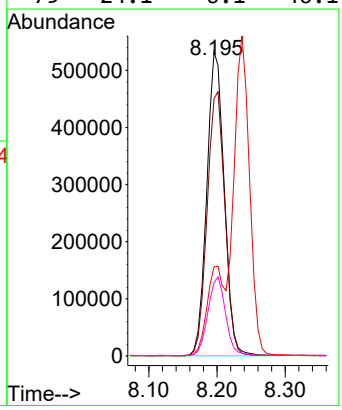


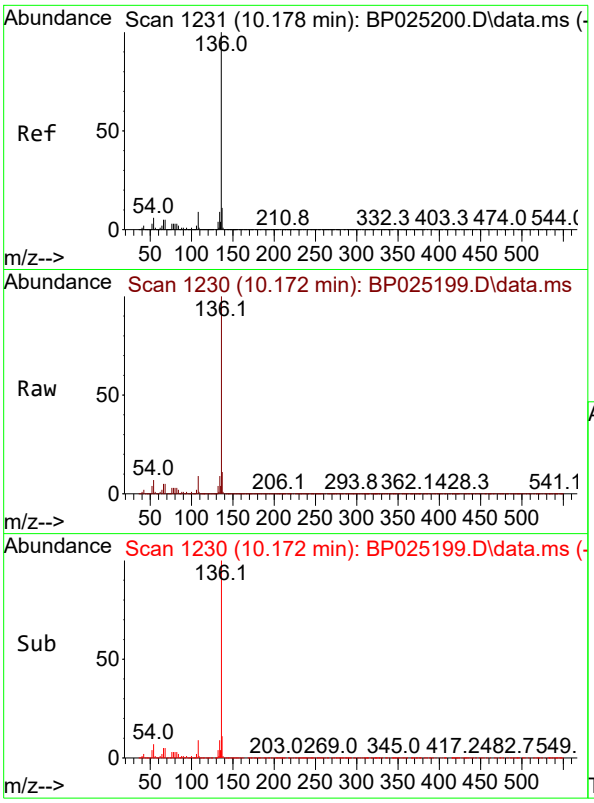


#20
3+4-Methylphenols
Concen: 19.881 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 949514

Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.8	107.8
77	29.3	10.3	50.3
79	24.1	6.1	46.1



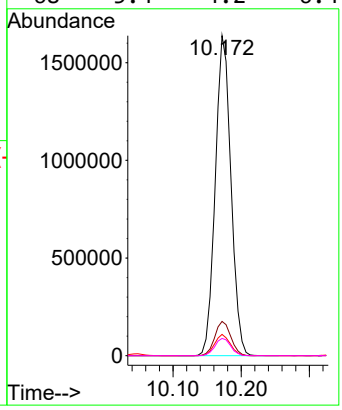


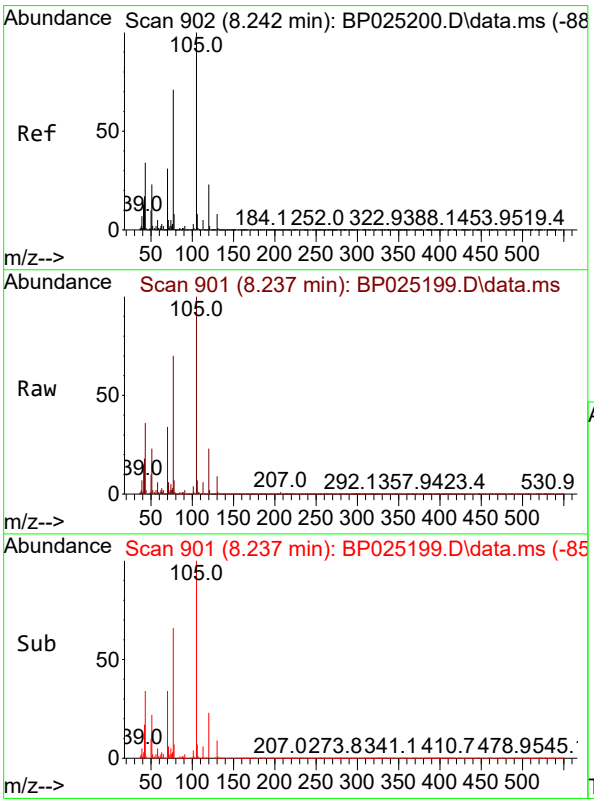
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 2624373

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.1	7.7
68	5.4	4.2	6.4

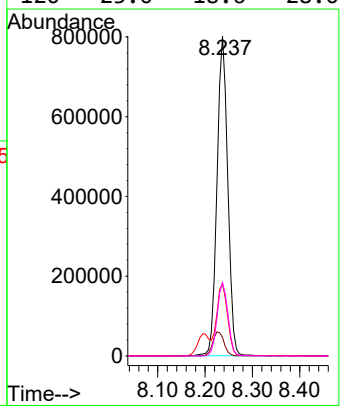


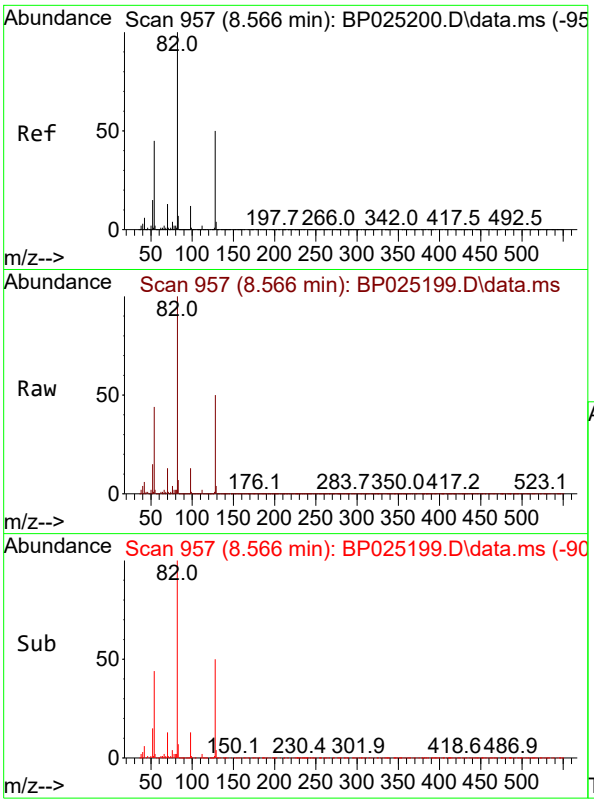


#22
Acetophenone
Concen: 20.349 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:105 Resp: 1264897

Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	22.6	18.5	27.7
120	23.0	18.6	28.0



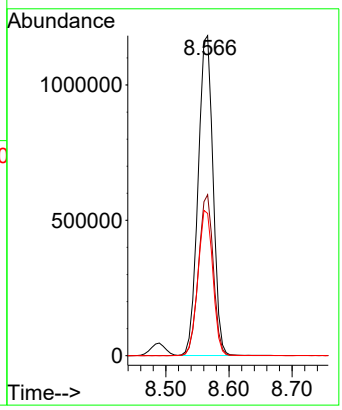


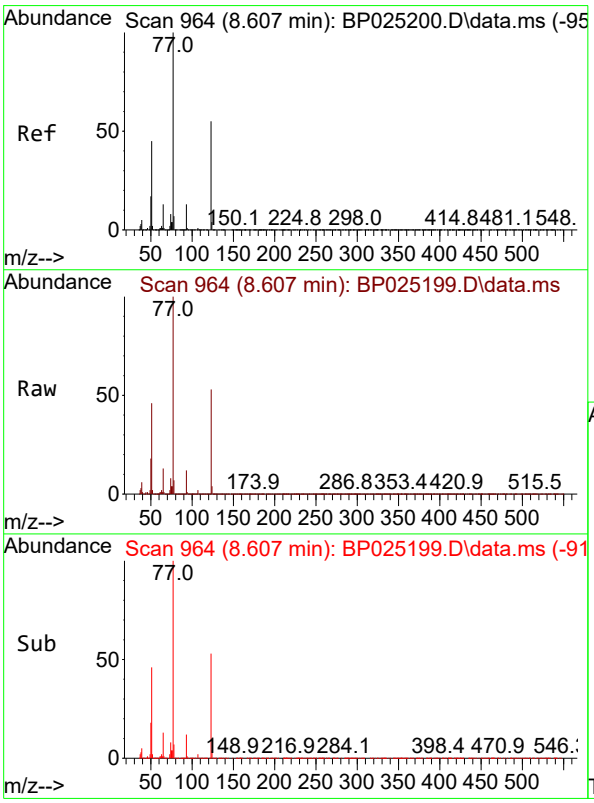
#23
Nitrobenzene-d5
Concen: 40.469 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1937093

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.2	60.4
54	44.5	36.3	54.5

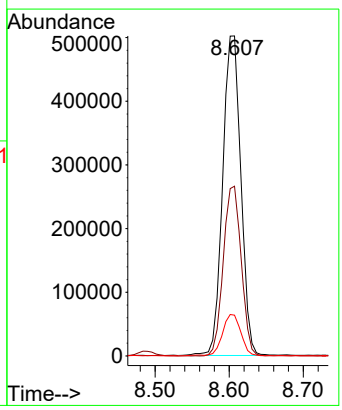


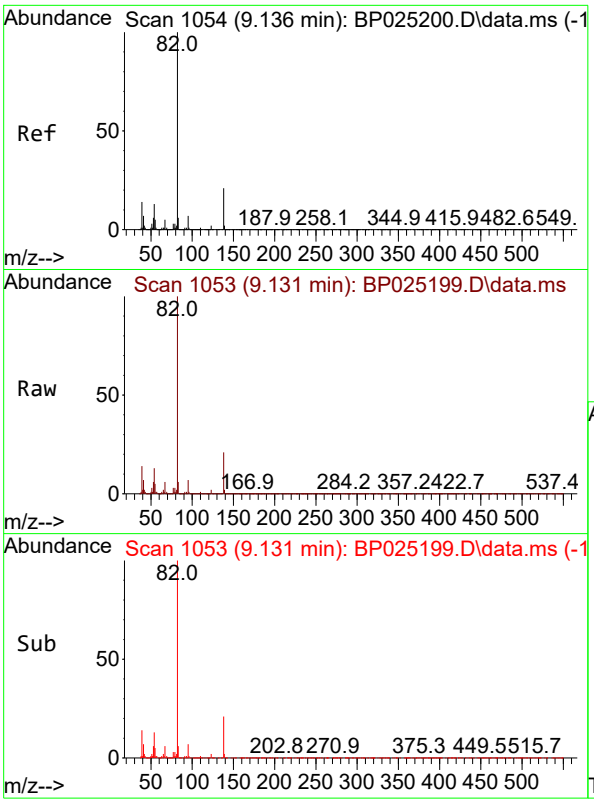


#24
Nitrobenzene
Concen: 20.145 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 77 Resp: 854569

Ion	Ratio	Lower	Upper
77	100		
123	53.0	43.6	65.4
65	12.8	10.2	15.2



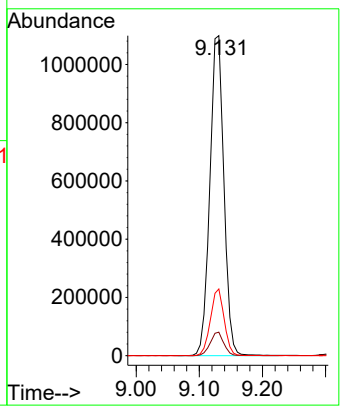


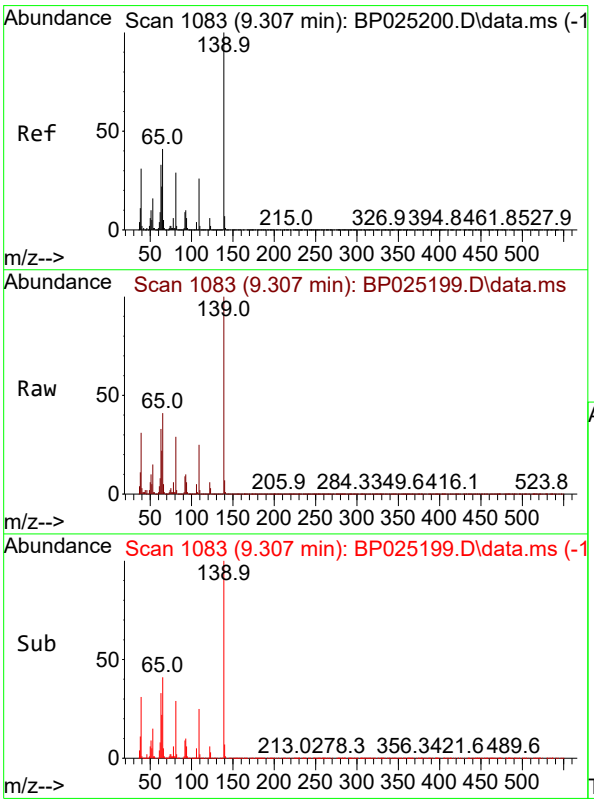
#25
Isophorone
Concen: 20.239 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1696703

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	20.9	16.6	25.0

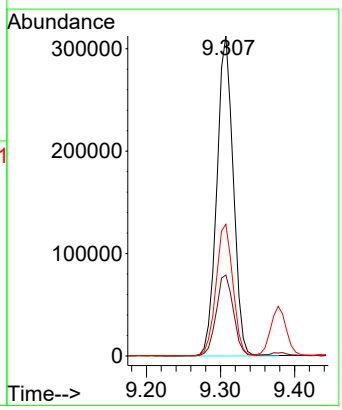


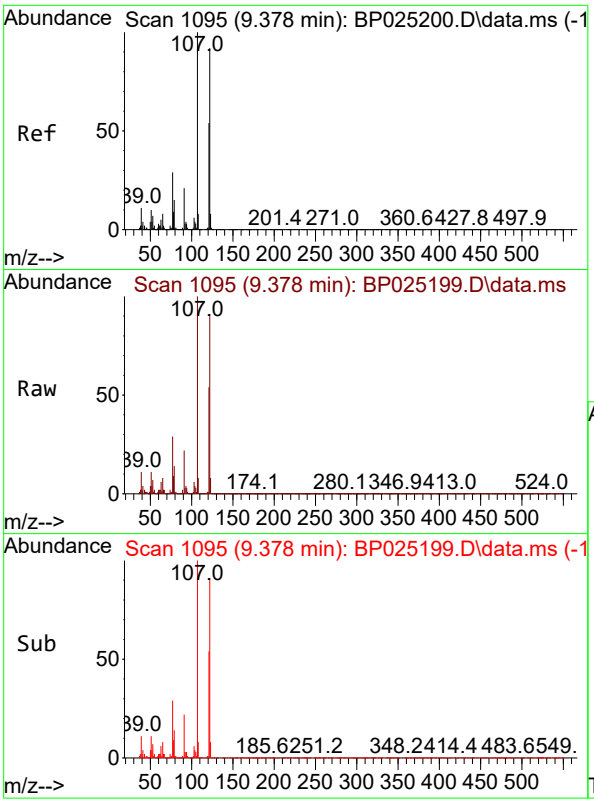


#26
2-Nitrophenol
Concen: 20.136 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 480785

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	41.1	32.7	49.1



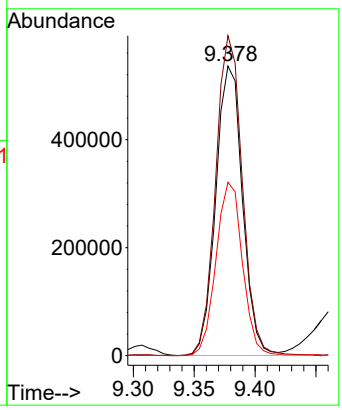


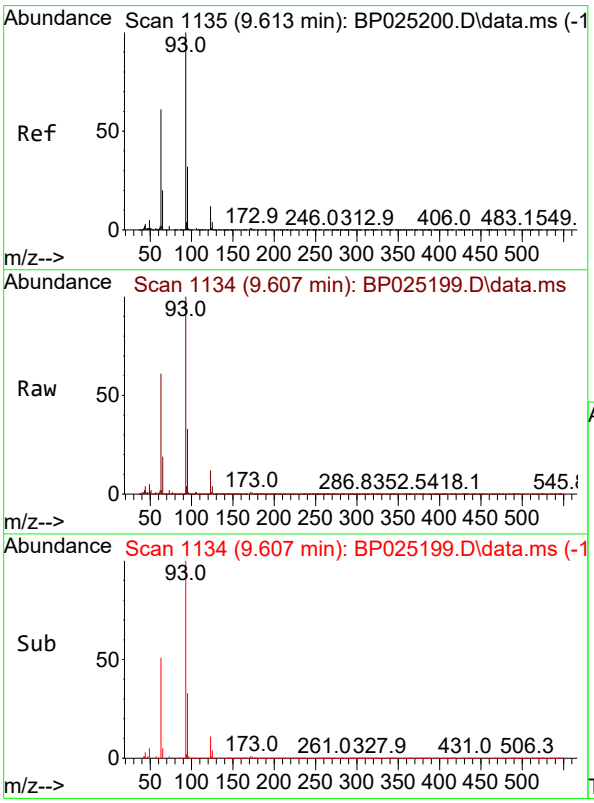
#27
2,4-Dimethylphenol
Concen: 20.144 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 818802

Ion	Ratio	Lower	Upper
122	100		
107	110.5	87.0	130.4
121	59.9	46.7	70.1

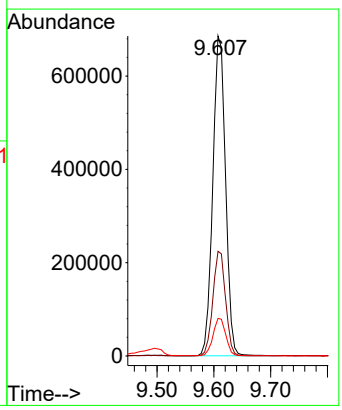


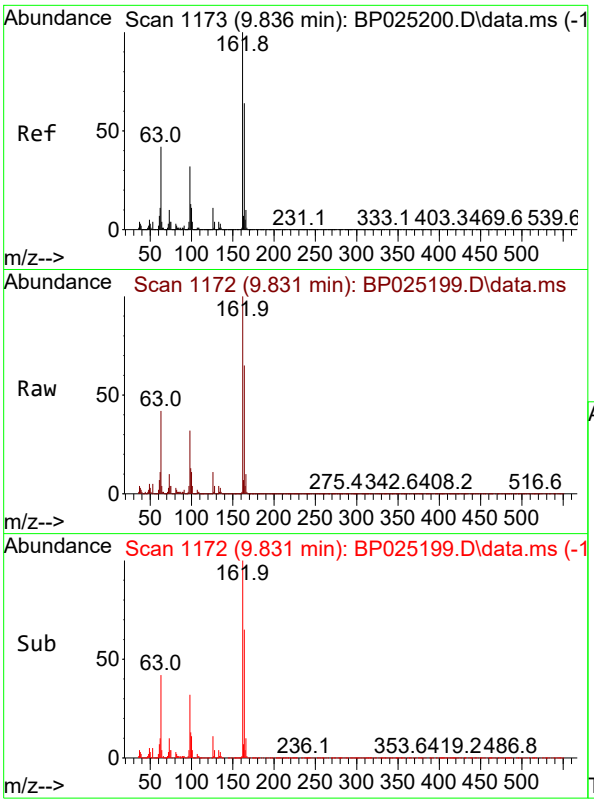


#28
bis(2-Chloroethoxy)methane
Concen: 20.235 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1064963

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.8	9.8	14.6



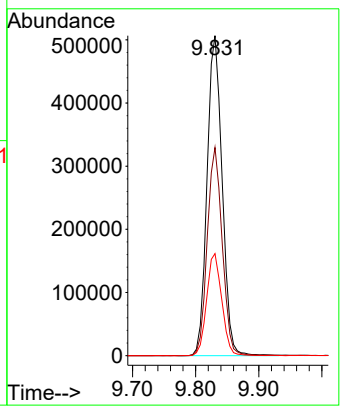


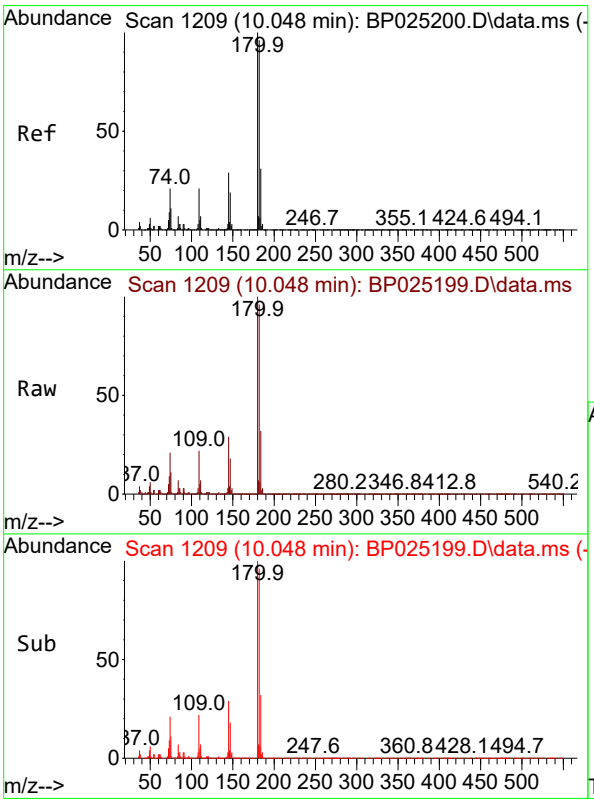
#29
2,4-Dichlorophenol
Concen: 20.169 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 840876

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.2	84.2
98	31.9	11.7	51.7

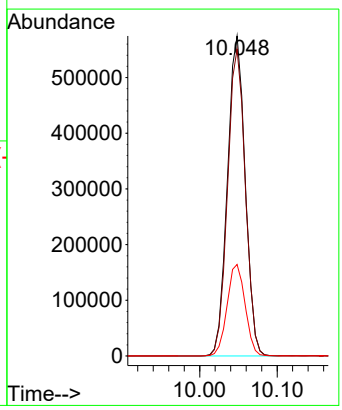


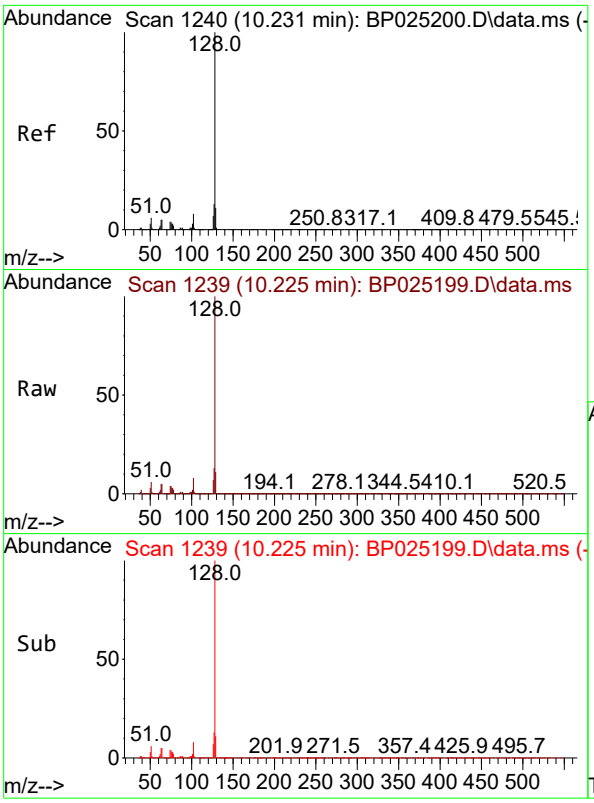


#30
1,2,4-Trichlorobenzene
Concen: 19.972 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:180 Resp: 916180

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	28.6	23.5	35.3



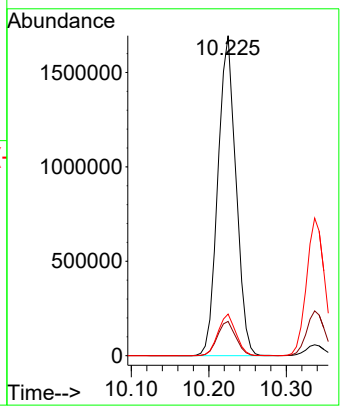


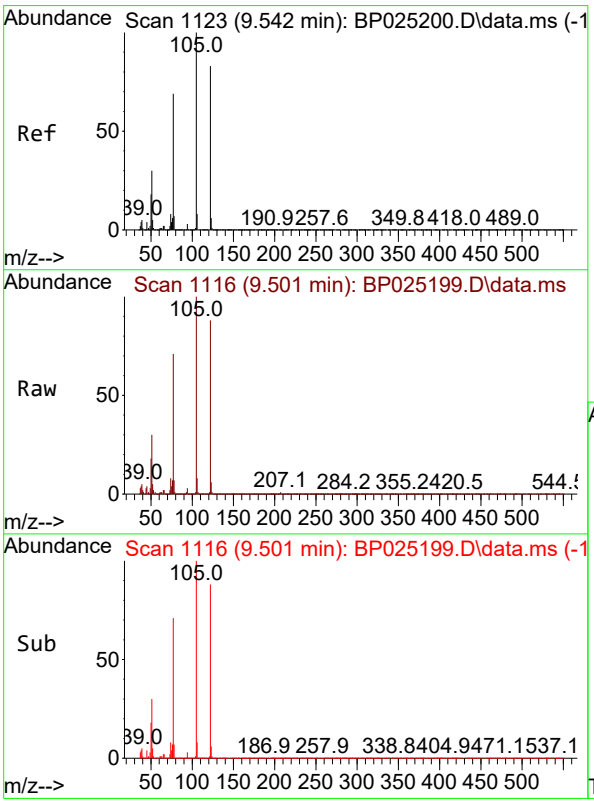
#31
Naphthalene
Concen: 20.078 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 2744118

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	10.4	15.6

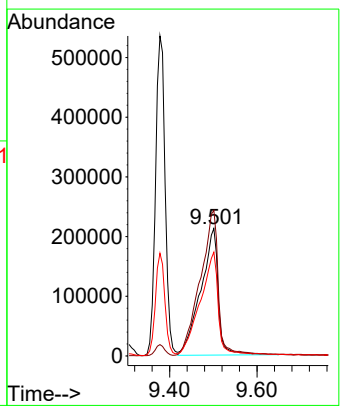


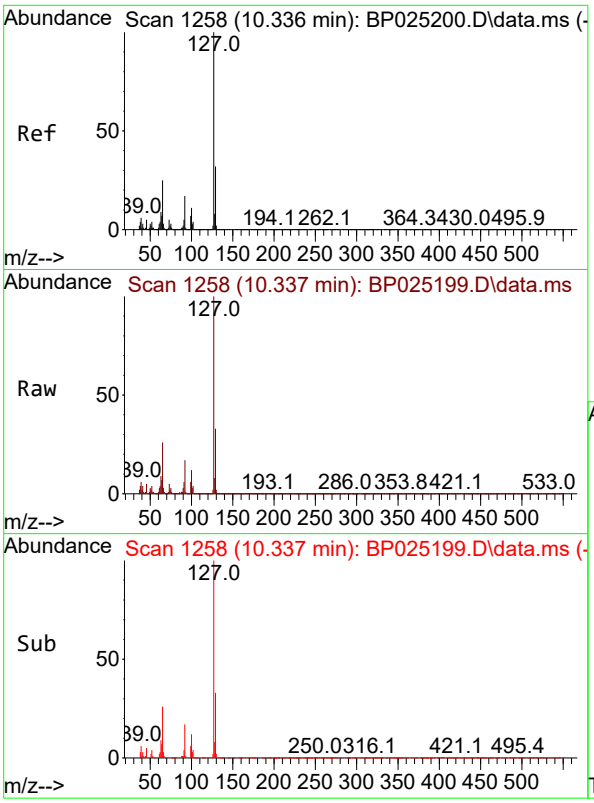


#32
Benzoic acid
Concen: 19.955 ng
RT: 9.501 min Scan# 1116
Delta R.T. -0.041 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:122 Resp: 592400

Ion	Ratio	Lower	Upper
122	100		
105	114.2	98.1	138.1
77	81.5	62.7	102.7



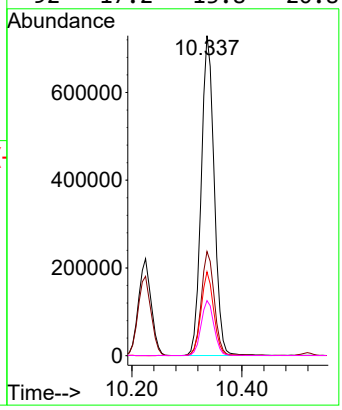


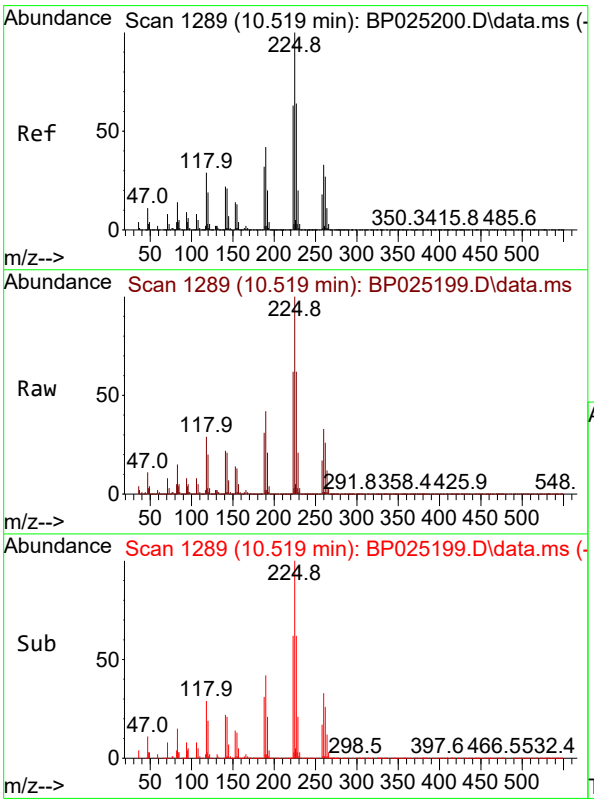
#33
4-Chloroaniline
Concen: 20.146 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 1195494

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.2	20.2	30.4
92	17.2	13.8	20.8

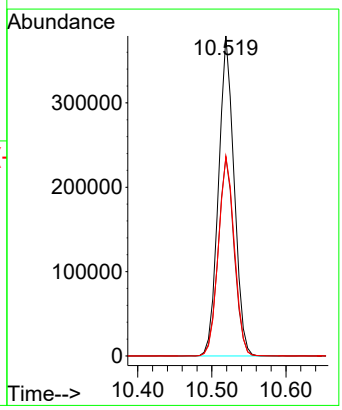


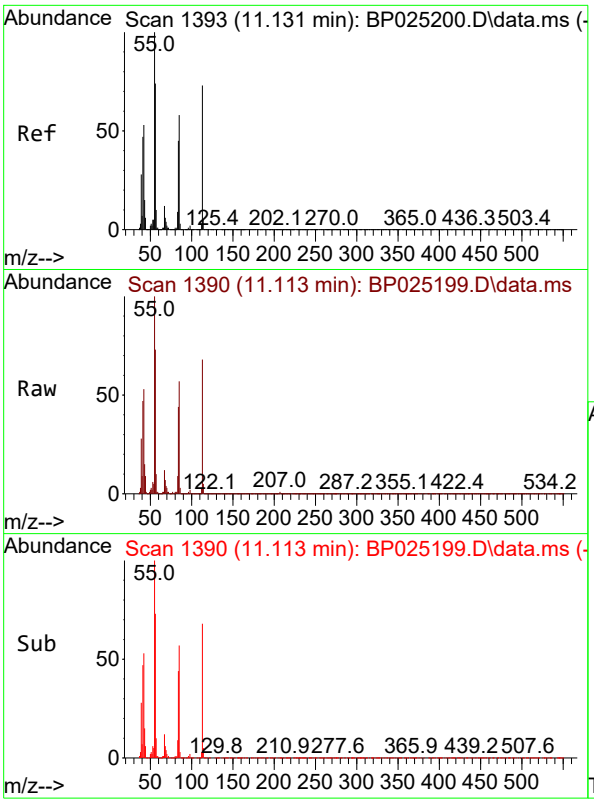


#34
Hexachlorobutadiene
Concen: 20.117 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:225 Resp: 554225

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	62.4	51.4	77.0



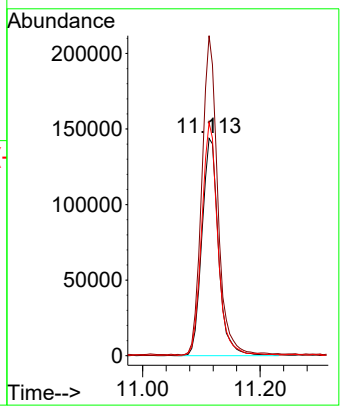


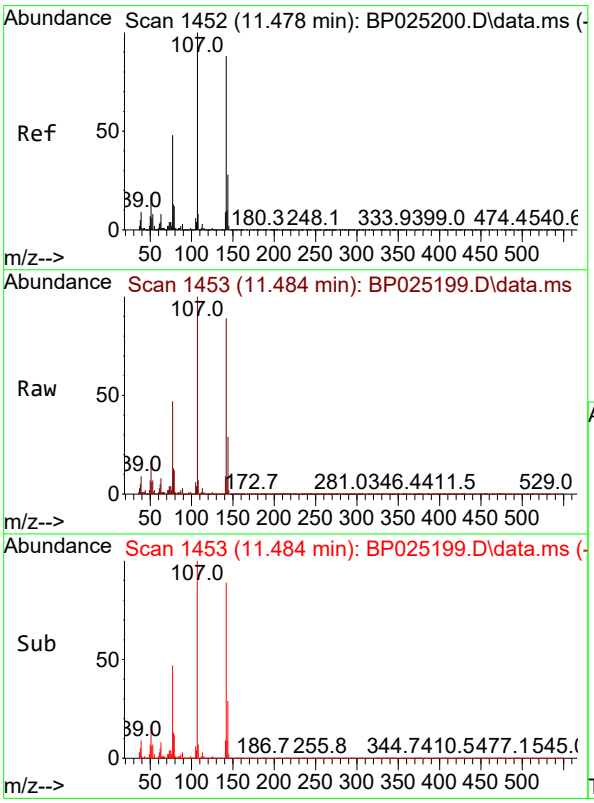
#35
Caprolactam
Concen: 20.409 ng
RT: 11.113 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 280019

Ion	Ratio	Lower	Upper
113	100		
55	147.3	117.6	157.6
56	107.3	82.4	122.4

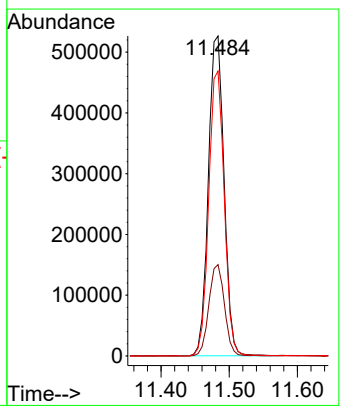


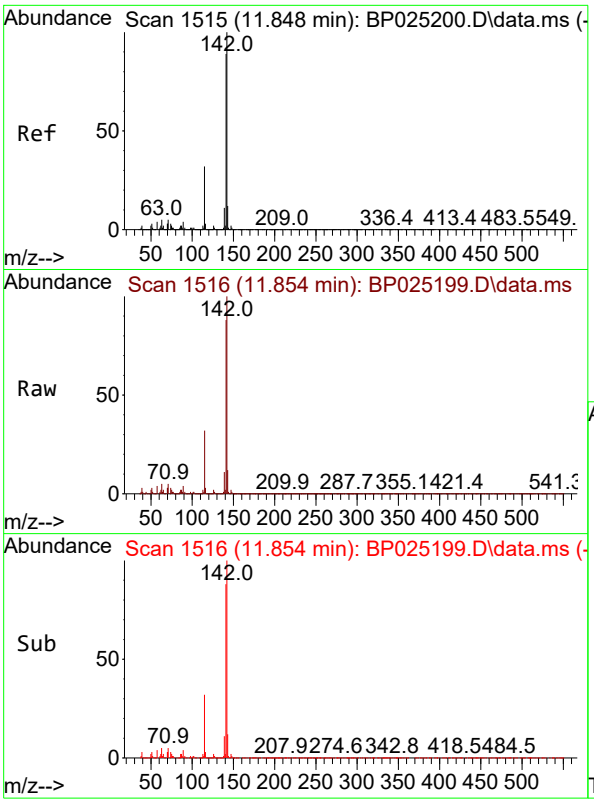


#36
4-Chloro-3-methylphenol
Concen: 20.298 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 845122

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	89.0	70.6	105.8



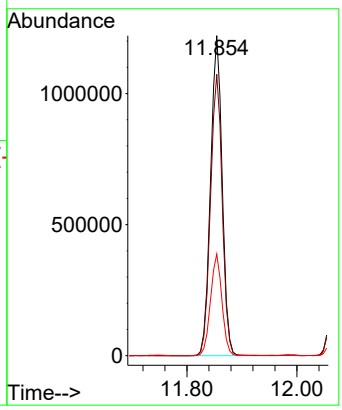


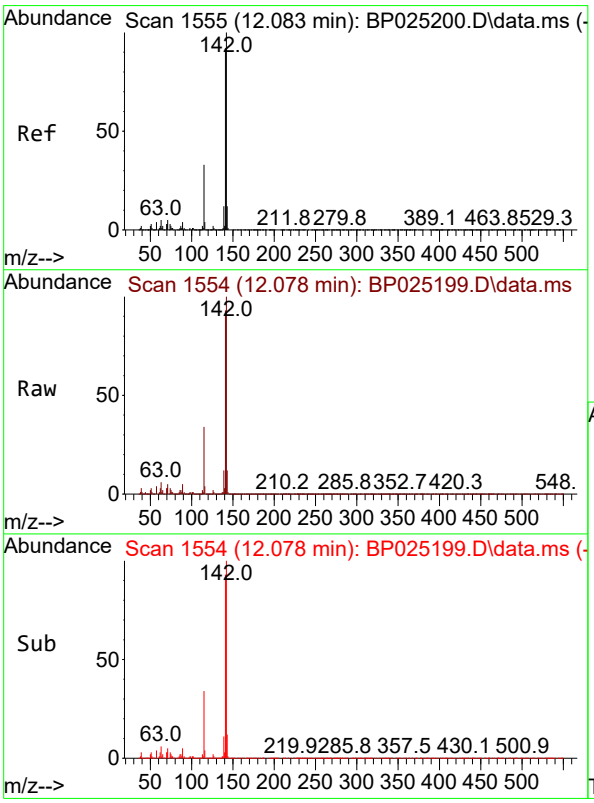
#37
2-Methylnaphthalene
Concen: 20.219 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1787280

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	31.8	25.3	37.9

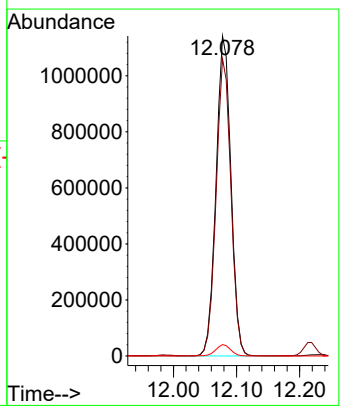


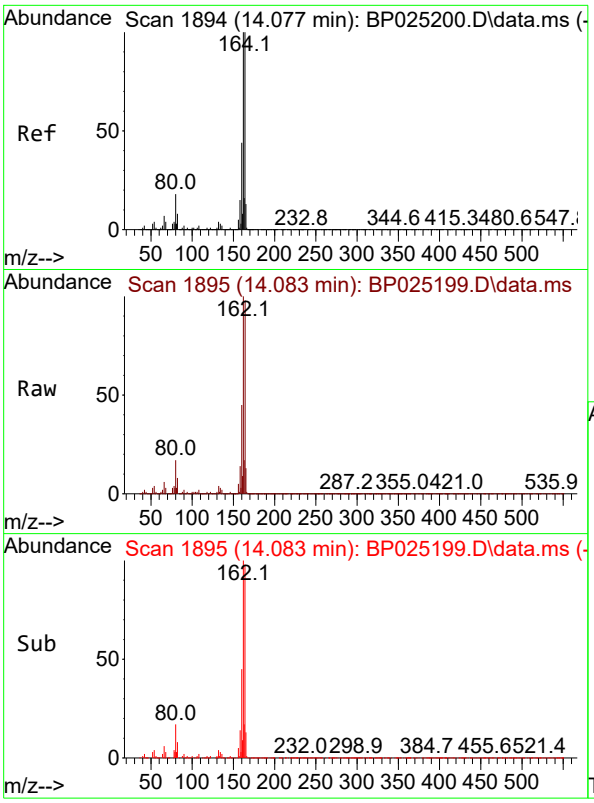


#38
1-Methylnaphthalene
Concen: 20.091 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:142 Resp: 1873159

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.8
116	3.5	2.8	4.2



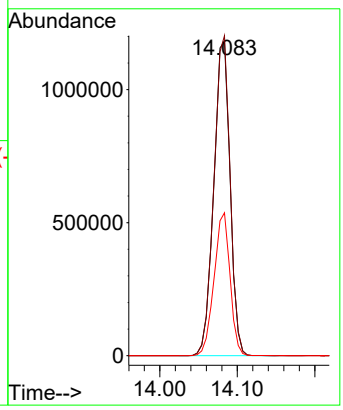


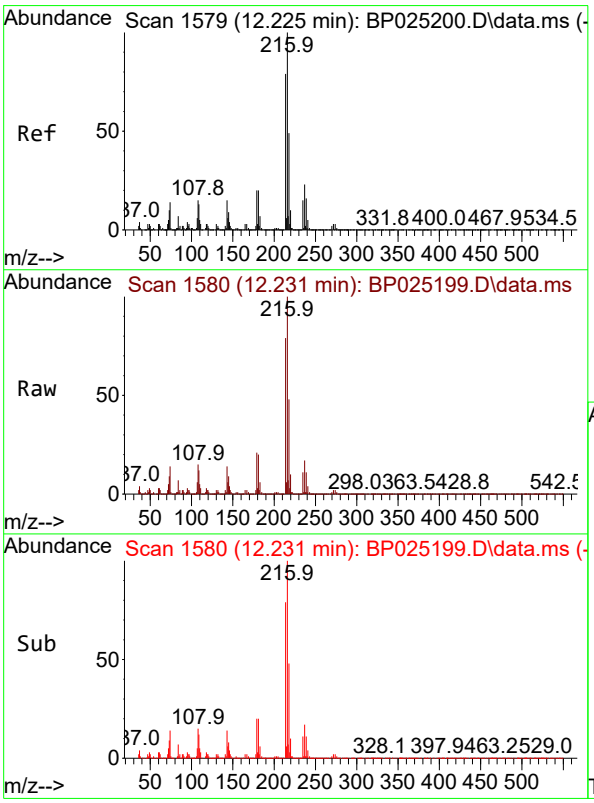
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 1725537

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	45.5	35.7	53.5

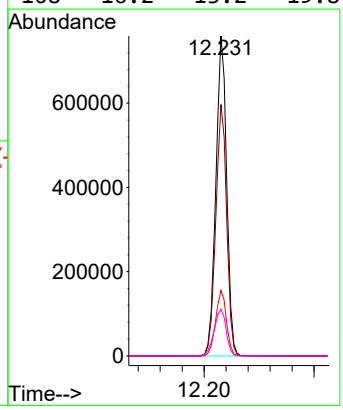


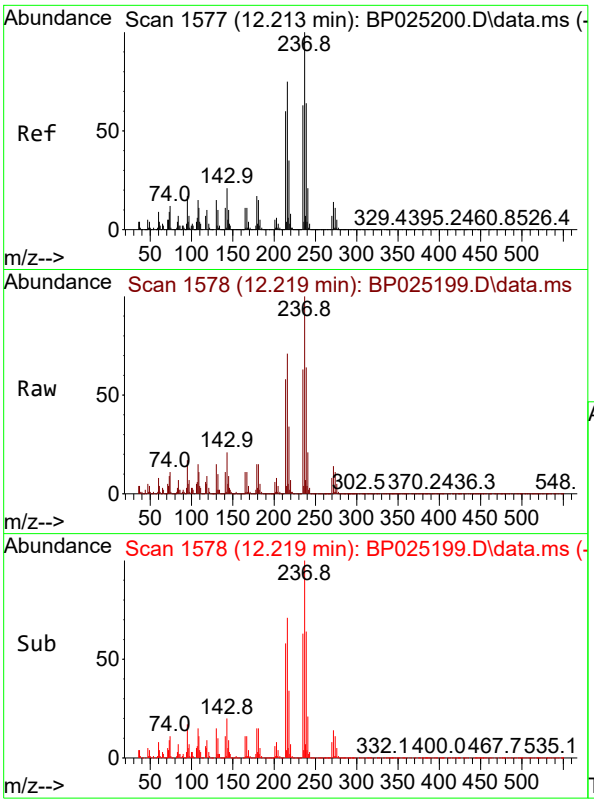


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.852 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:216 Resp: 1037365

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.7	94.1
179	20.5	16.2	24.4
108	16.2	13.2	19.8



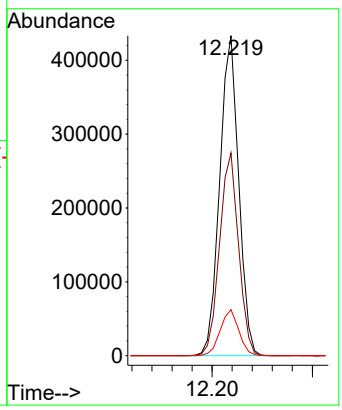


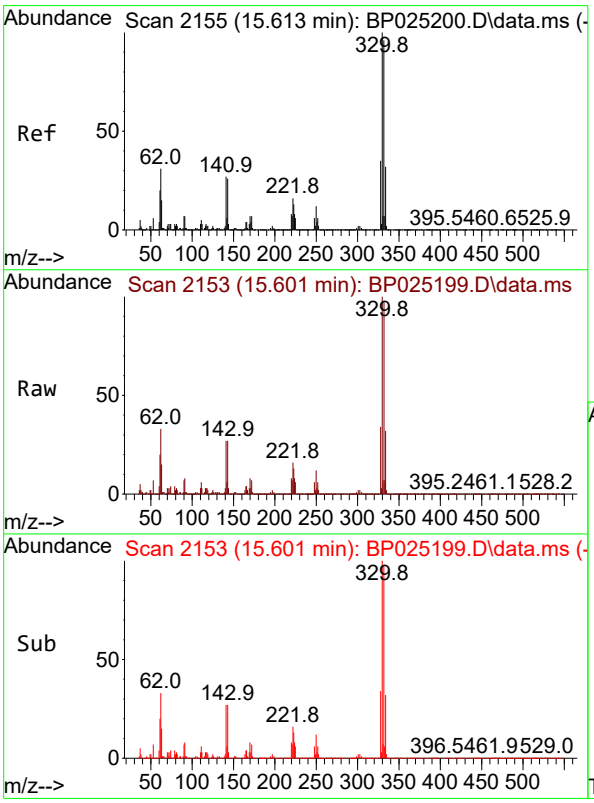
#41
Hexachlorocyclopentadiene
Concen: 19.172 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 568117

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.7	82.7
272	14.4	0.0	33.6

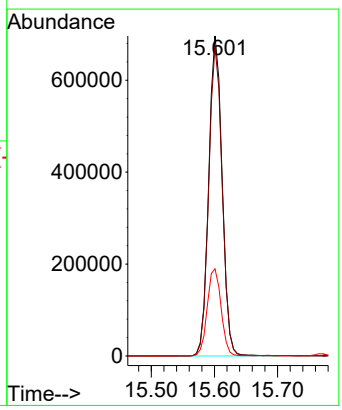


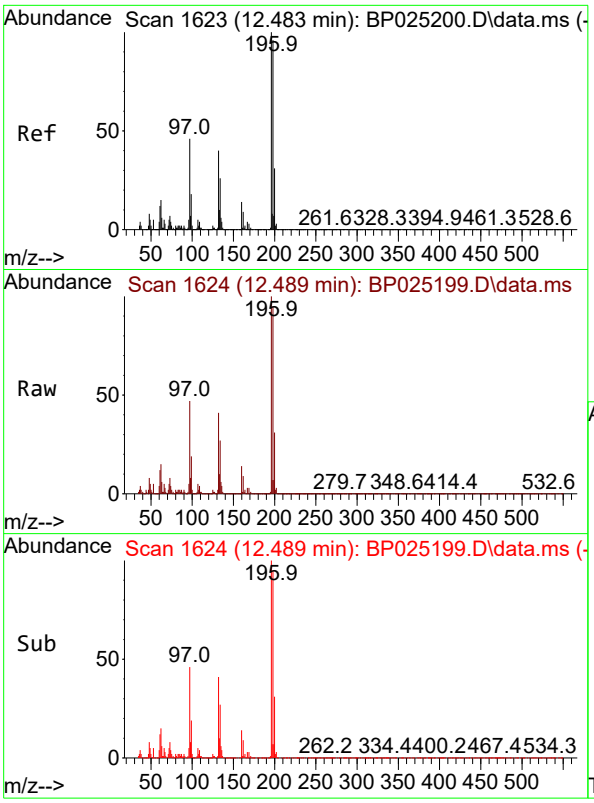


#42
2,4,6-Tribromophenol
Concen: 40.082 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:330 Resp: 1028445

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.0	22.4	33.6



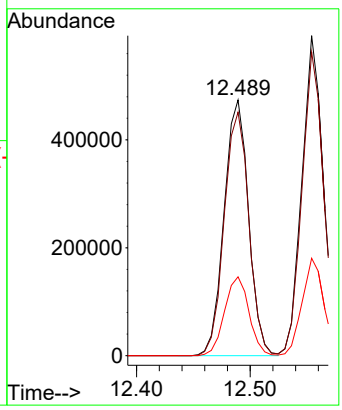


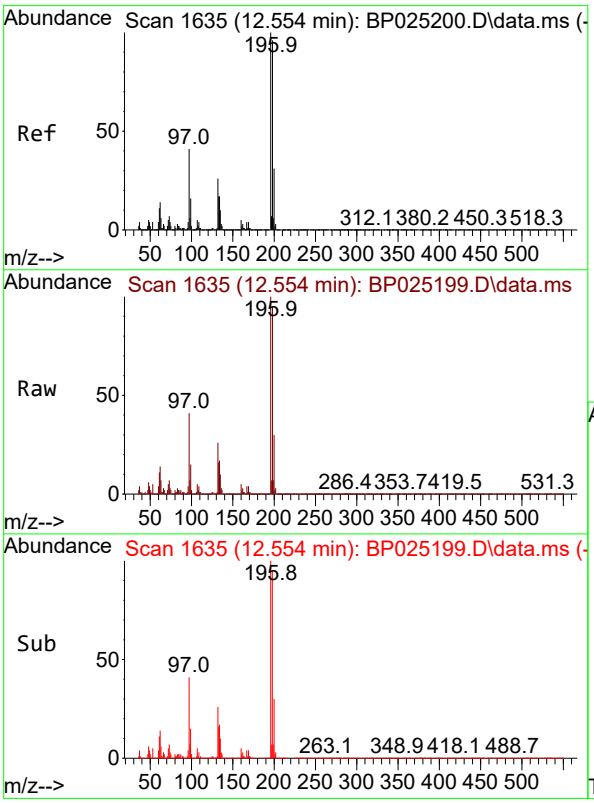
#43
2,4,6-Trichlorophenol
Concen: 20.126 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 710607

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	114.8
200	30.9	24.7	37.1

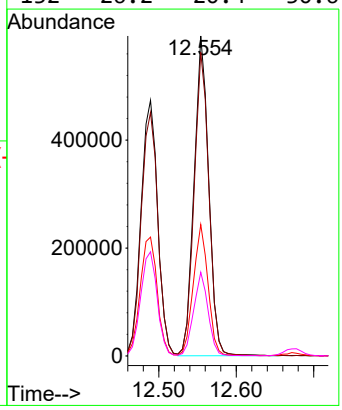


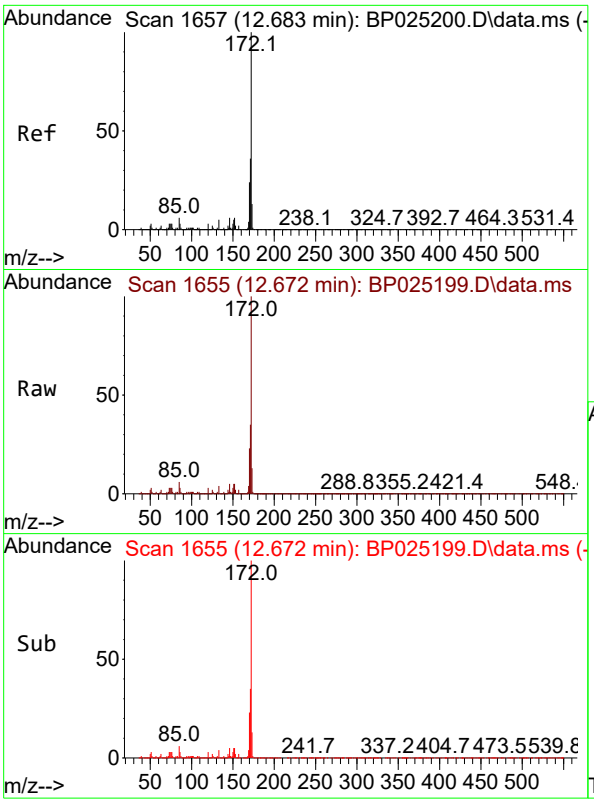


#44
2,4,5-Trichlorophenol
Concen: 20.021 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:196 Resp: 779183

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.7	115.1
97	41.0	33.0	49.4
132	26.2	20.4	30.6



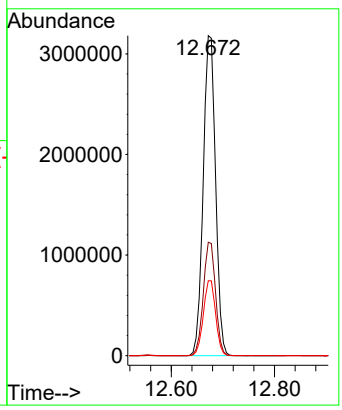


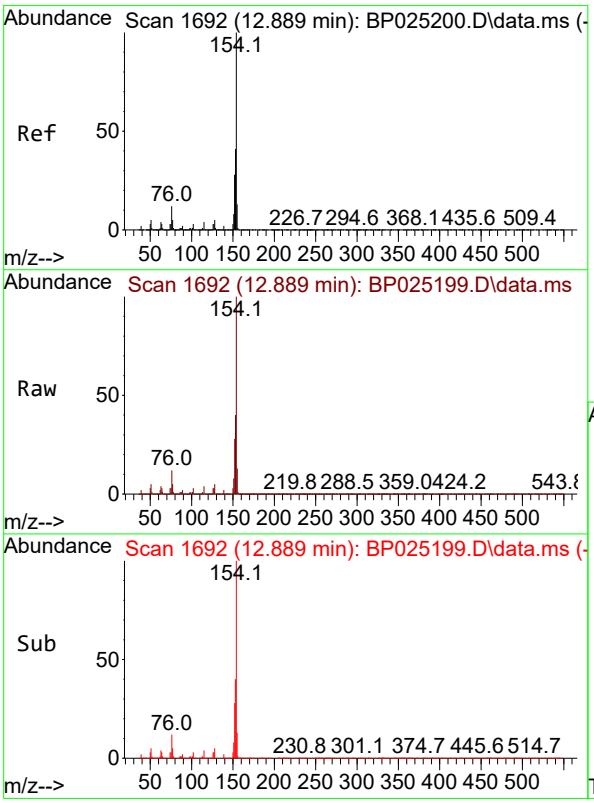
#45
2-Fluorobiphenyl
Concen: 40.382 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 5263353

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.4	19.2	28.8

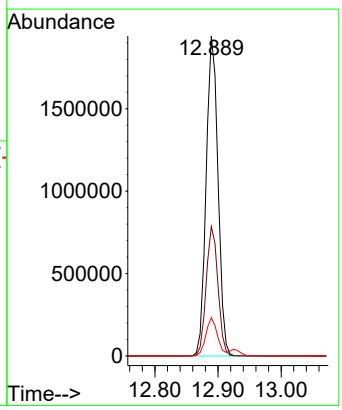


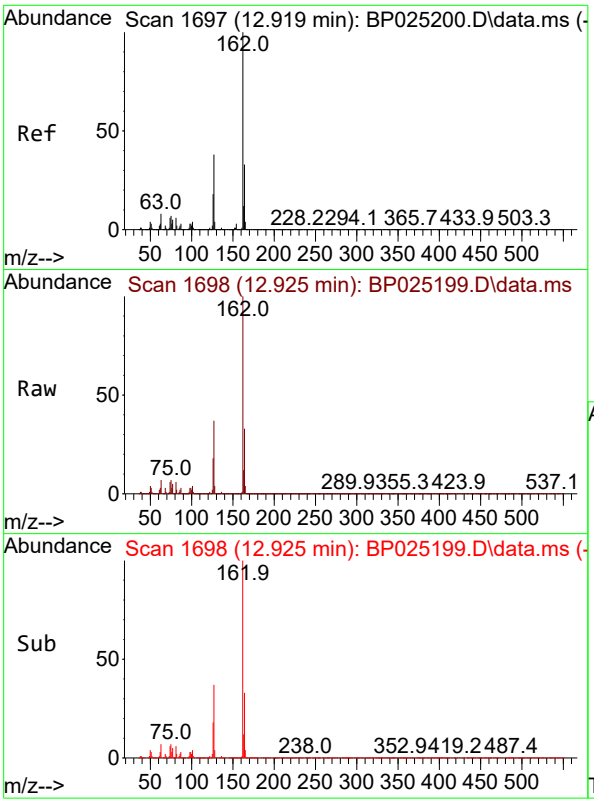


#46
1,1'-Biphenyl
Concen: 19.863 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 2534298

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	11.9	0.0	31.6



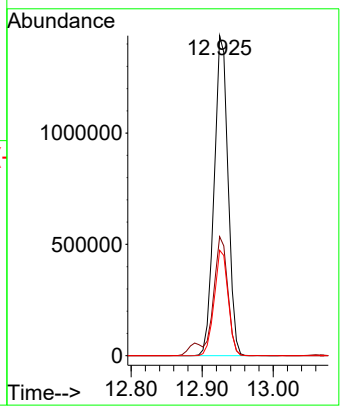


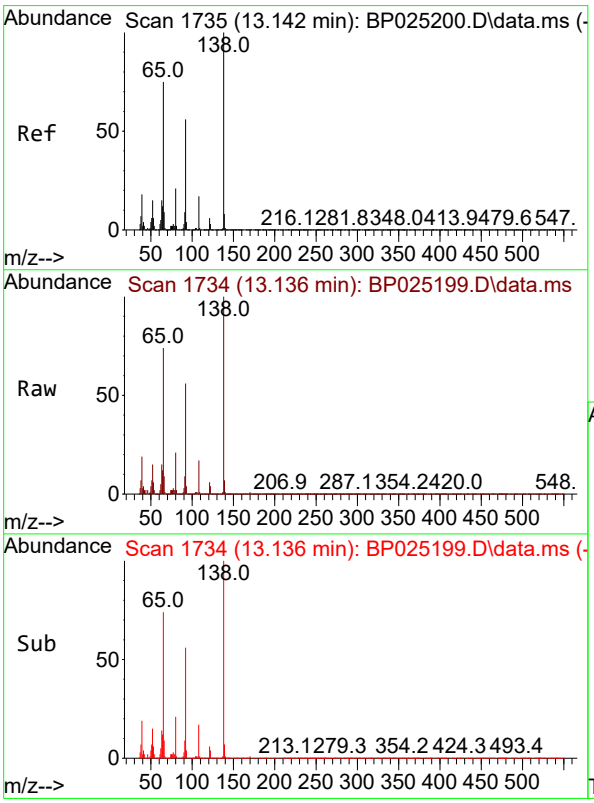
#47
2-Chloronaphthalene
Concen: 19.663 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1943669

Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.1	45.1
164	33.0	26.5	39.7

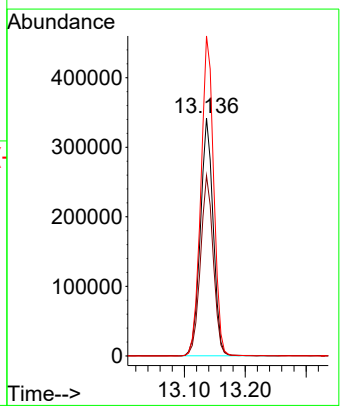


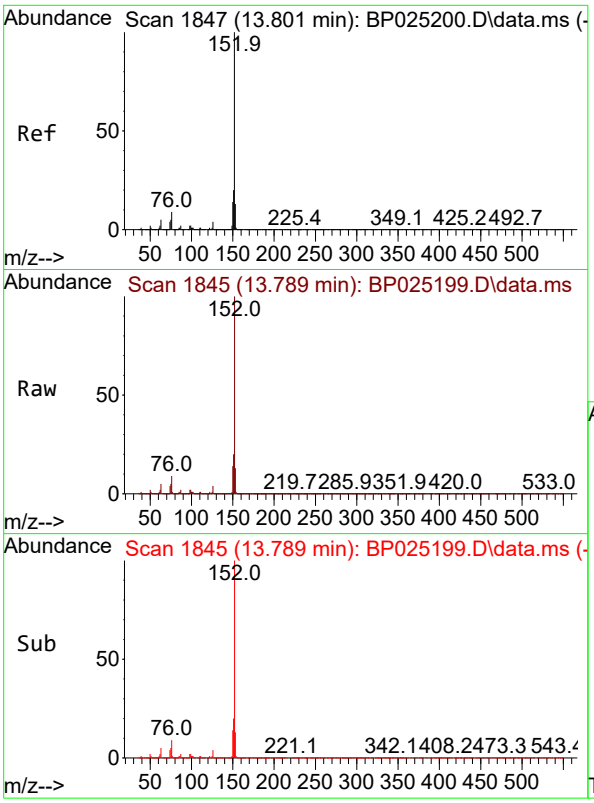


#48
2-Nitroaniline
Concen: 20.158 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 65 Resp: 499848

Ion	Ratio	Lower	Upper
65	100		
92	75.8	59.9	89.9
138	134.5	107.1	160.7



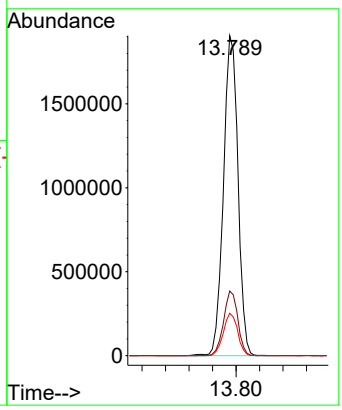


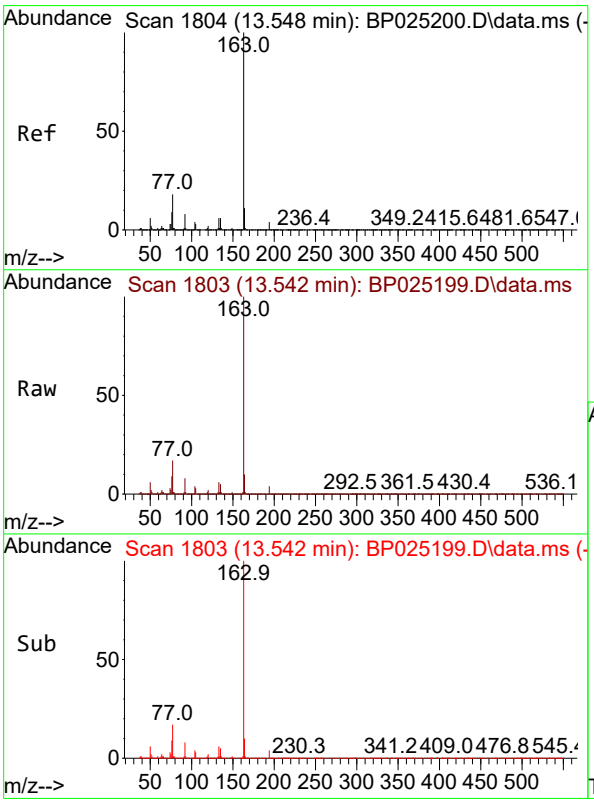
#49
Acenaphthylene
Concen: 20.152 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 3266617

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	15.8

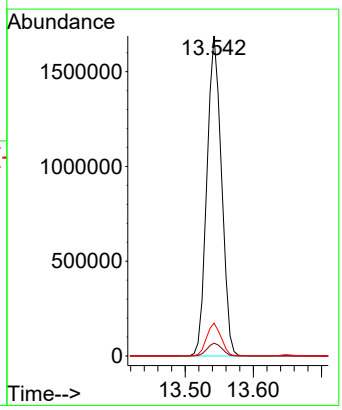


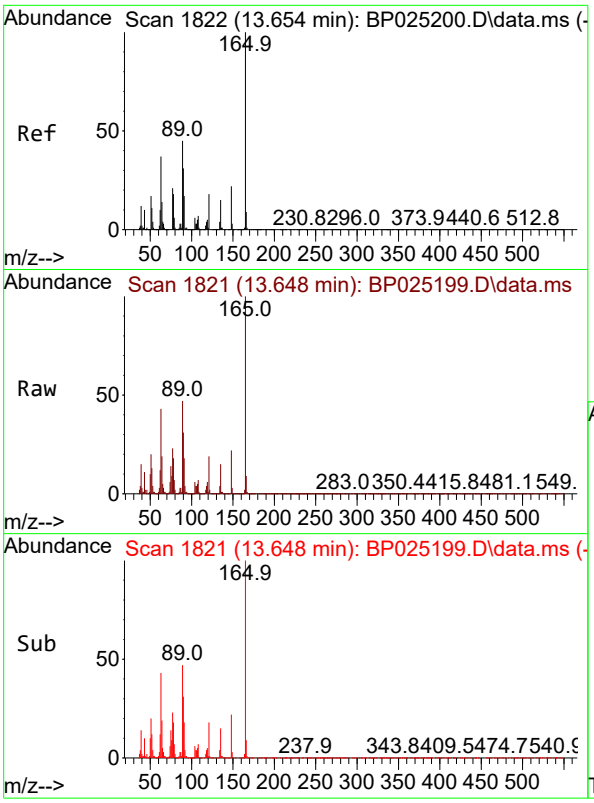


#50
Dimethylphthalate
Concen: 19.973 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:163 Resp: 2514591

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7



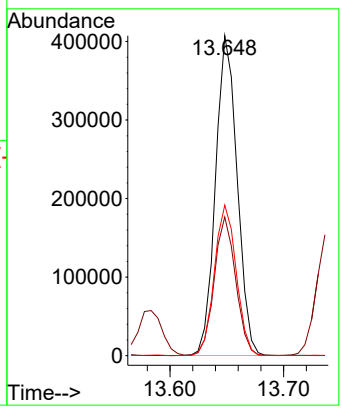


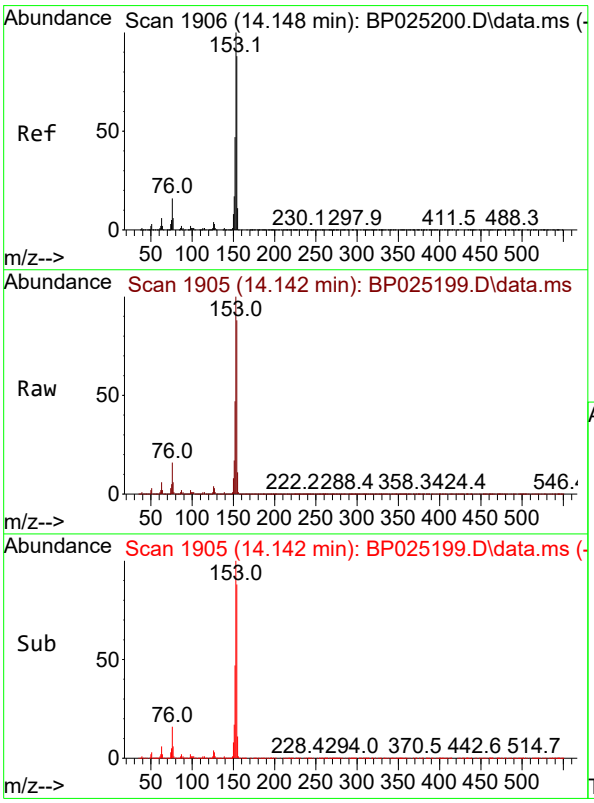
#51
2,6-Dinitrotoluene
Concen: 20.233 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 539220

Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.4	50.2
89	47.0	36.3	54.5

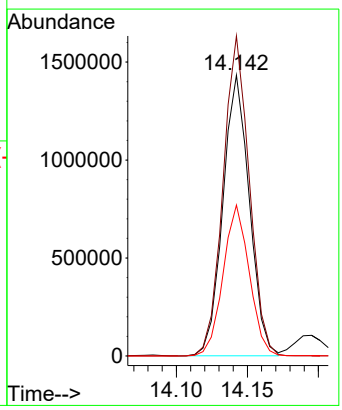


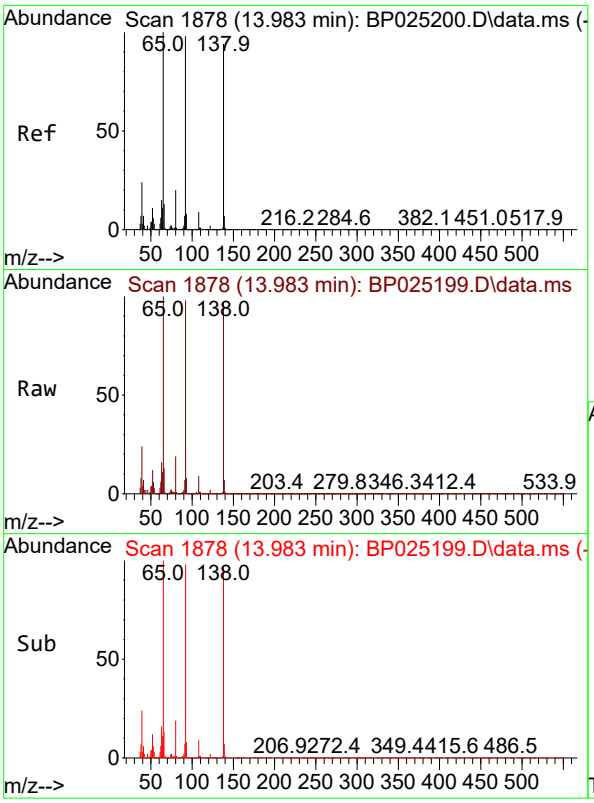


#52
Acenaphthene
Concen: 19.907 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 1858898

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.7	136.1
152	53.7	42.9	64.3



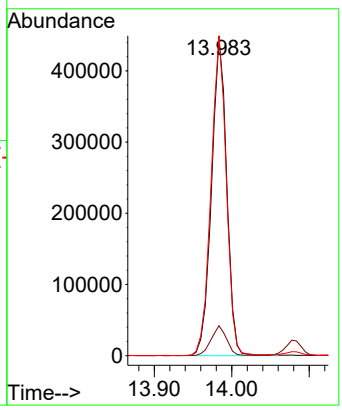


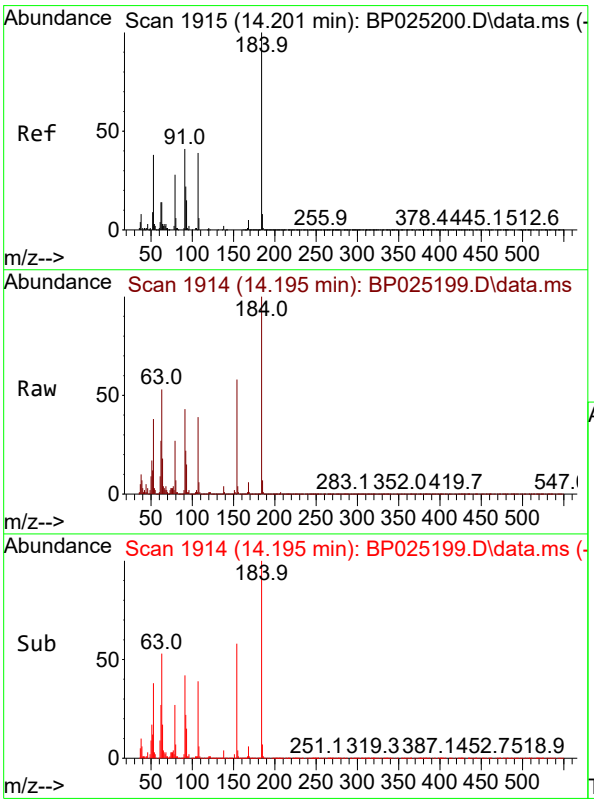
#53
3-Nitroaniline
Concen: 20.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 607977

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.5	11.3
92	100.8	83.2	124.8

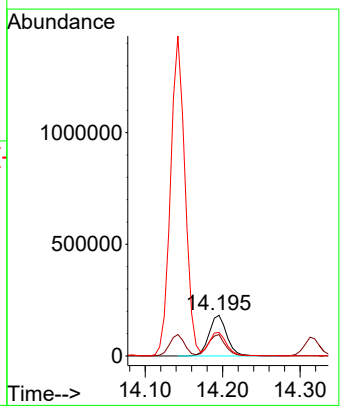


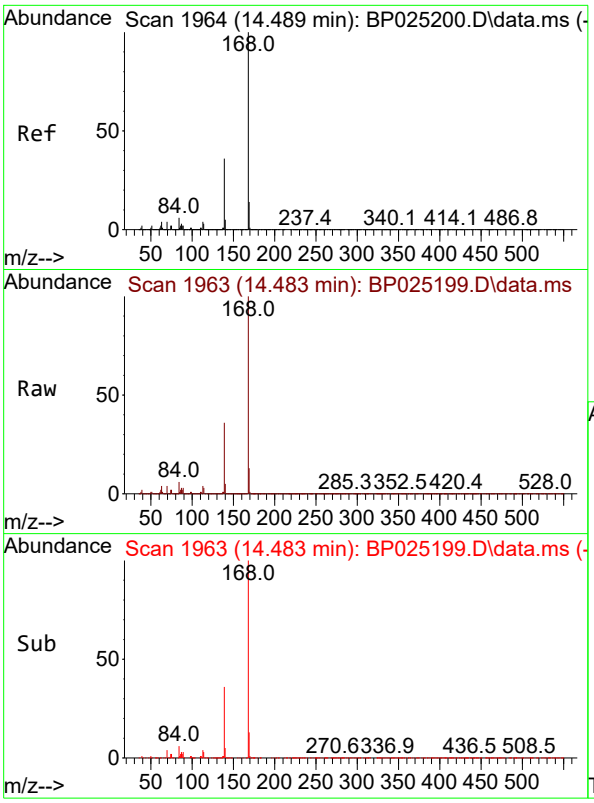


#54
2,4-Dinitrophenol
Concen: 19.352 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:184 Resp: 289004

Ion	Ratio	Lower	Upper
184	100		
63	52.8	41.8	62.8
154	57.7	45.7	68.5



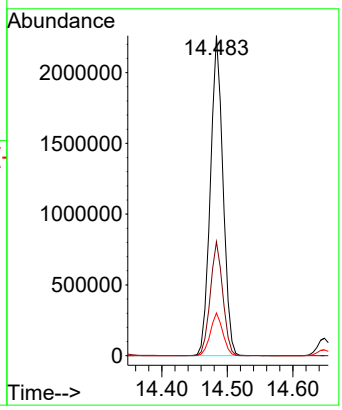


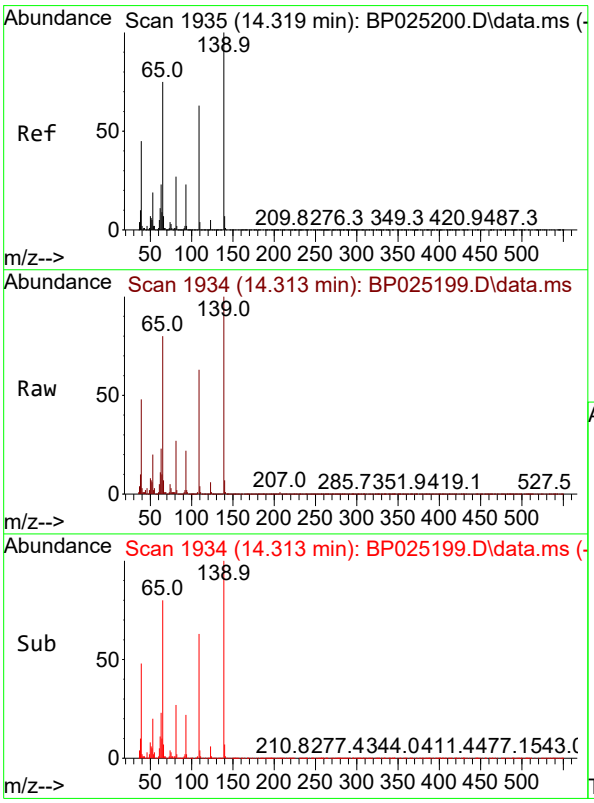
#55
Dibenzofuran
Concen: 19.958 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 3017432

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.7	43.1
169	13.4	10.9	16.3

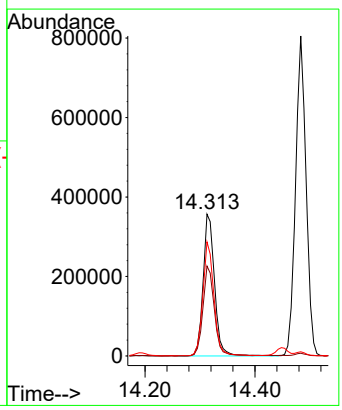


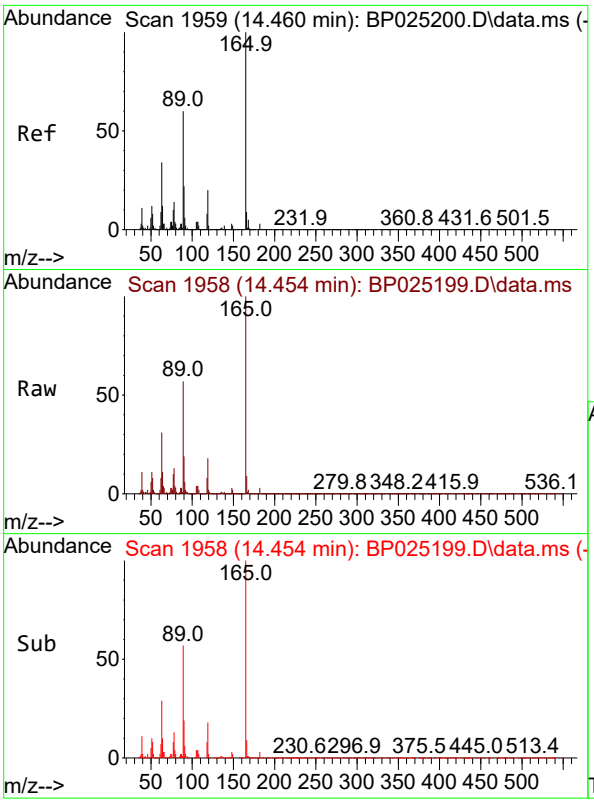


#56
4-Nitrophenol
Concen: 20.148 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 516291

Ion	Ratio	Lower	Upper
139	100		
109	63.4	42.6	82.6
65	80.4	55.4	95.4



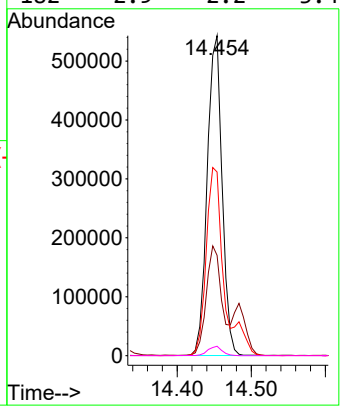


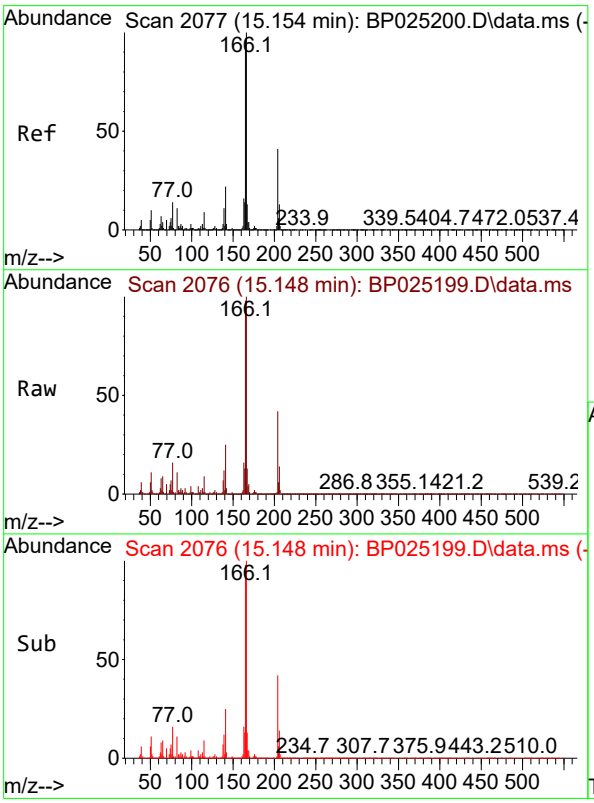
#57
2,4-Dinitrotoluene
Concen: 20.387 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 756940

Ion	Ratio	Lower	Upper
165	100		
63	31.4	27.0	40.4
89	57.4	47.8	71.6
182	2.9	2.2	3.4

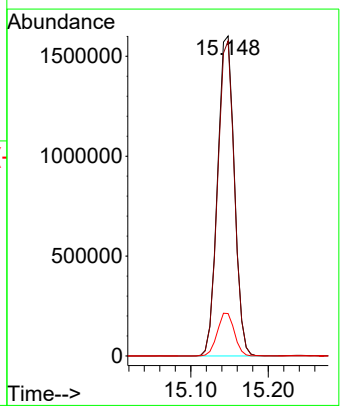


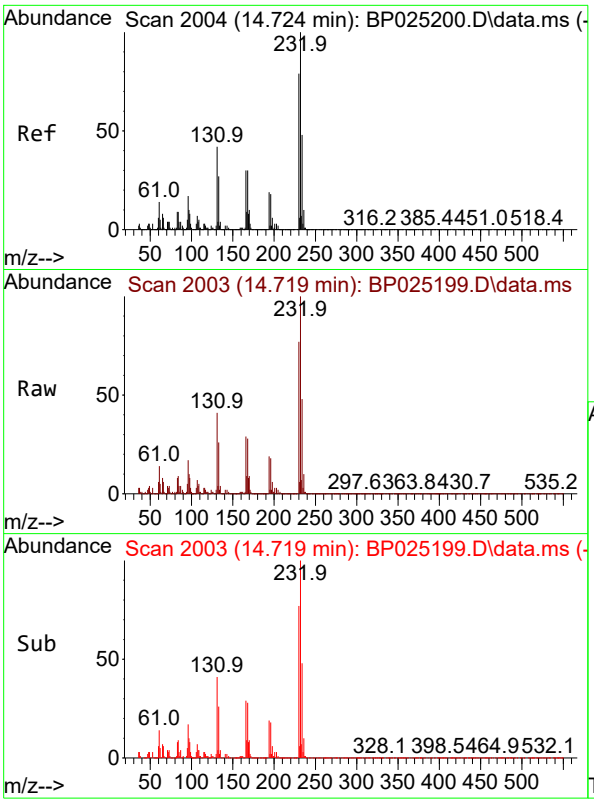


#58
Fluorene
Concen: 20.014 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:166 Resp: 2413500

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.0	117.0
167	13.2	10.7	16.1



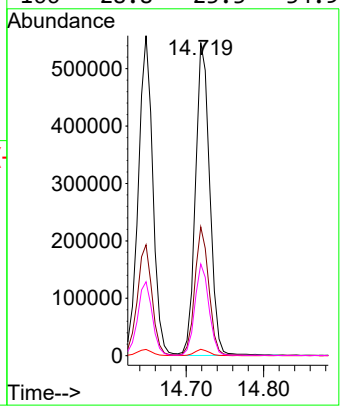


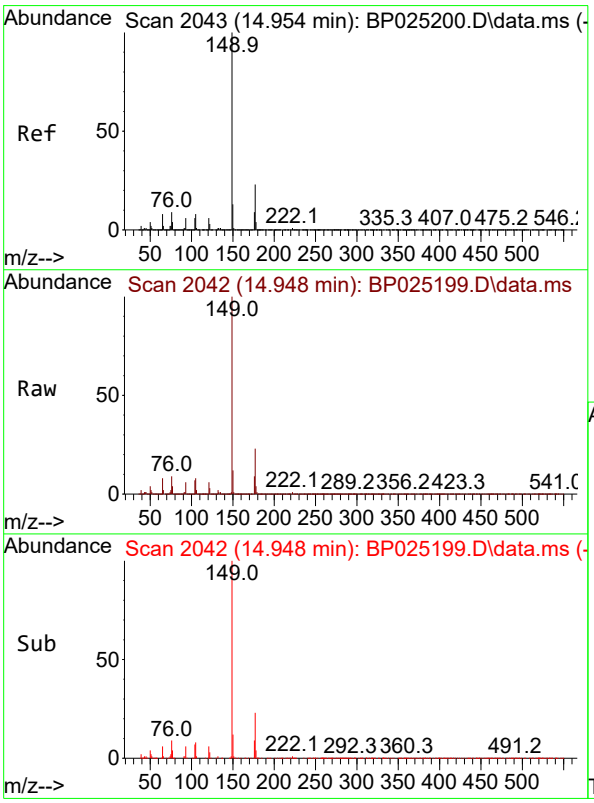
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.143 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 693949

Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.0	1.6	2.4
166	28.8	23.3	34.9

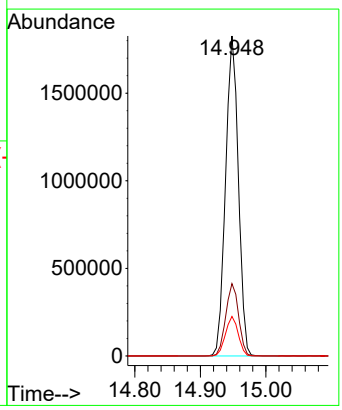


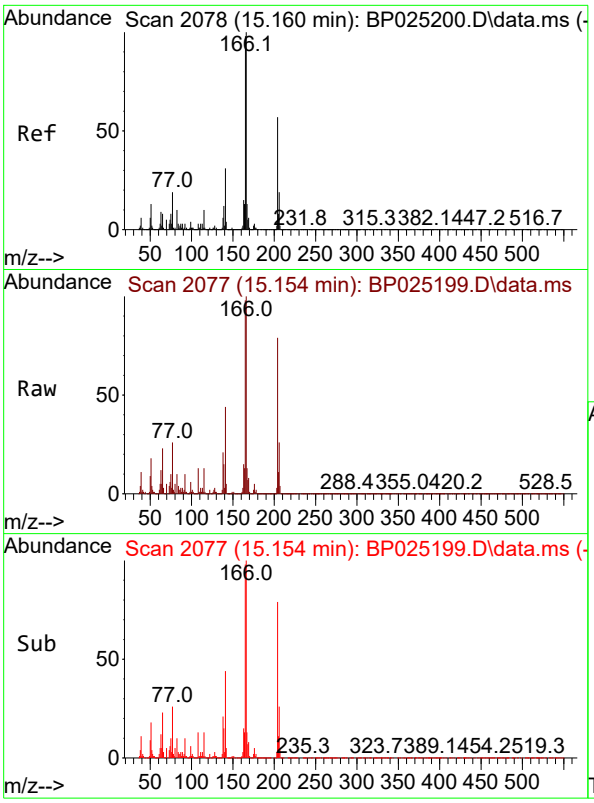


#60
Diethylphthalate
Concen: 19.809 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2464234

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.4	27.6
150	12.3	10.0	15.0



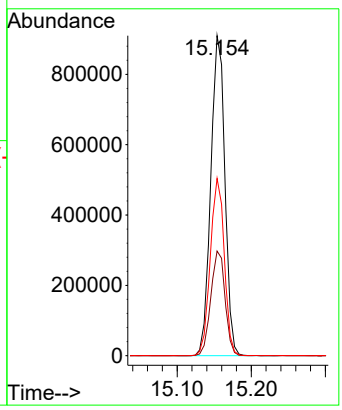


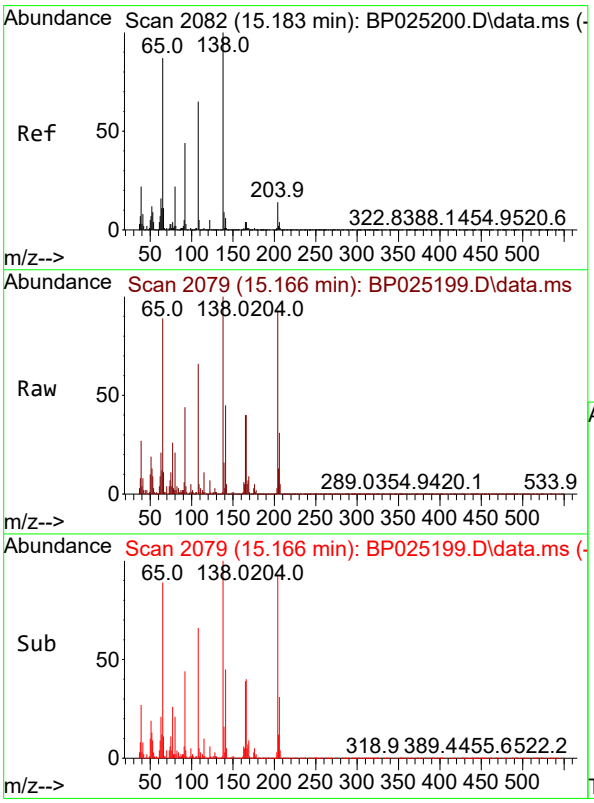
#61
4-Chlorophenyl-phenylether
Concen: 19.780 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 1202237

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	55.4	43.0	64.6

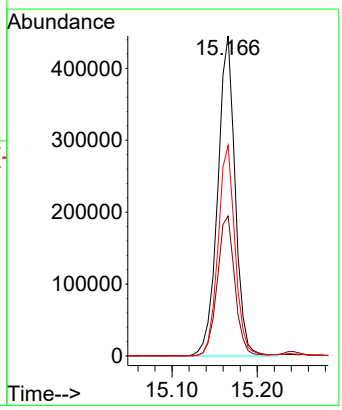


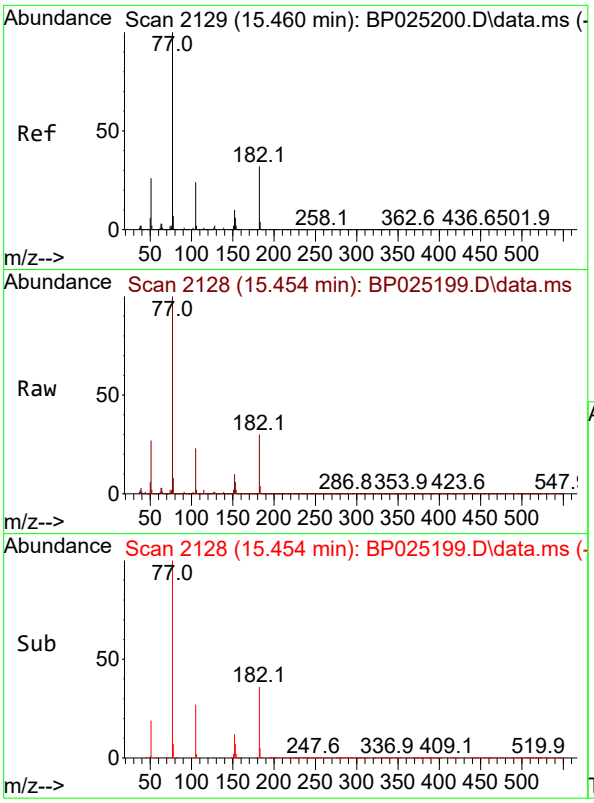


#62
4-Nitroaniline
Concen: 20.685 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:138 Resp: 633835

Ion	Ratio	Lower	Upper
138	100		
92	43.7	24.0	64.0
108	65.8	44.9	84.9



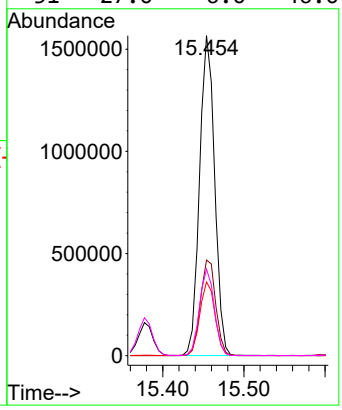


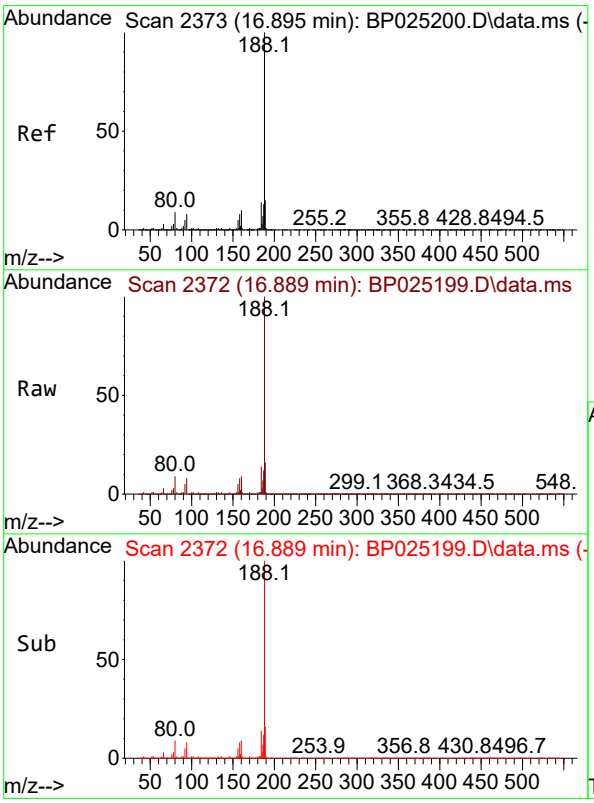
#63
Azobenzene
Concen: 20.187 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 2017191

Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.0	52.0
105	23.0	3.6	43.6
51	27.0	6.0	46.0

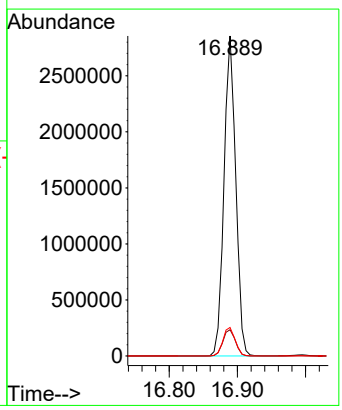


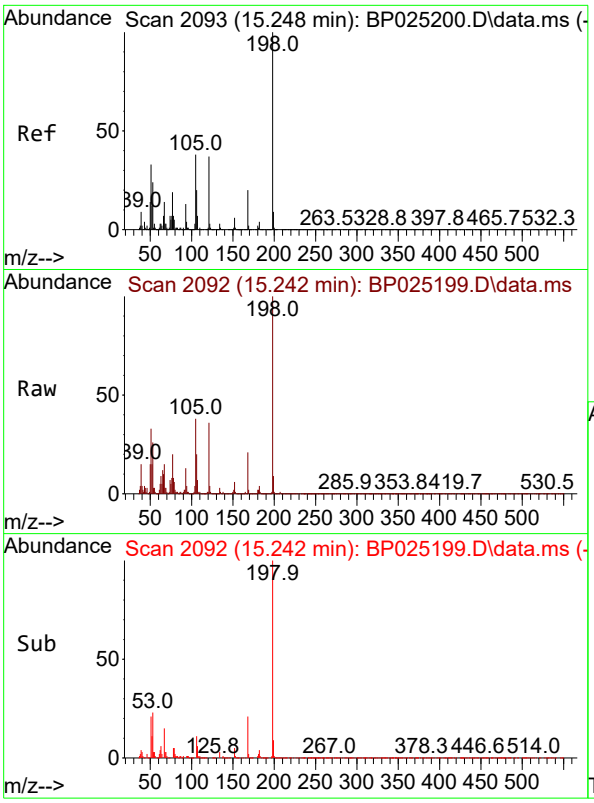


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:188 Resp: 3420424

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.9	7.3	10.9



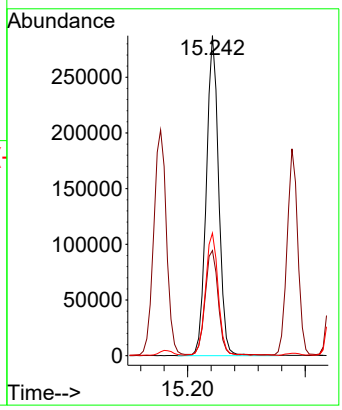


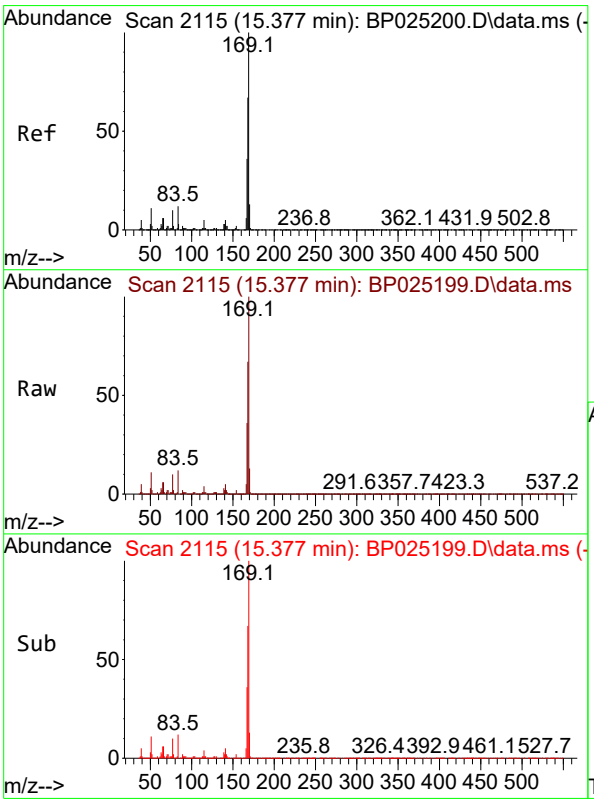
#65
4,6-Dinitro-2-methylphenol
Concen: 19.570 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 419051

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.6	54.6
105	38.3	18.3	58.3

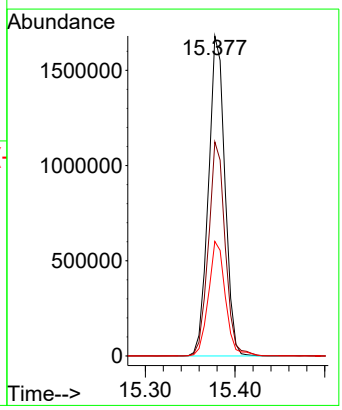


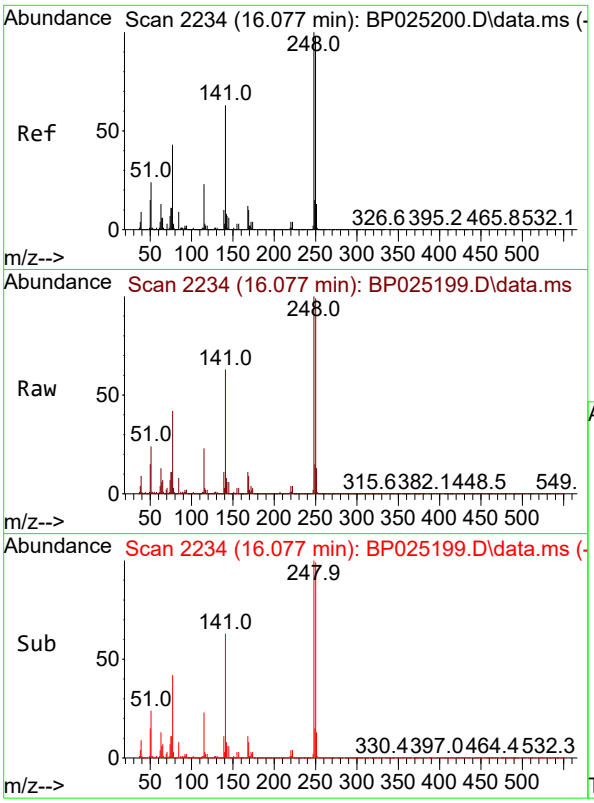


#66
n-Nitrosodiphenylamine
Concen: 20.077 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:169 Resp: 2138707

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	35.8	29.0	43.6



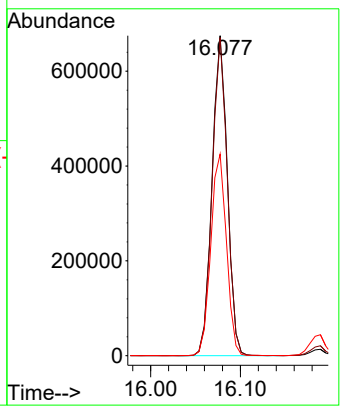


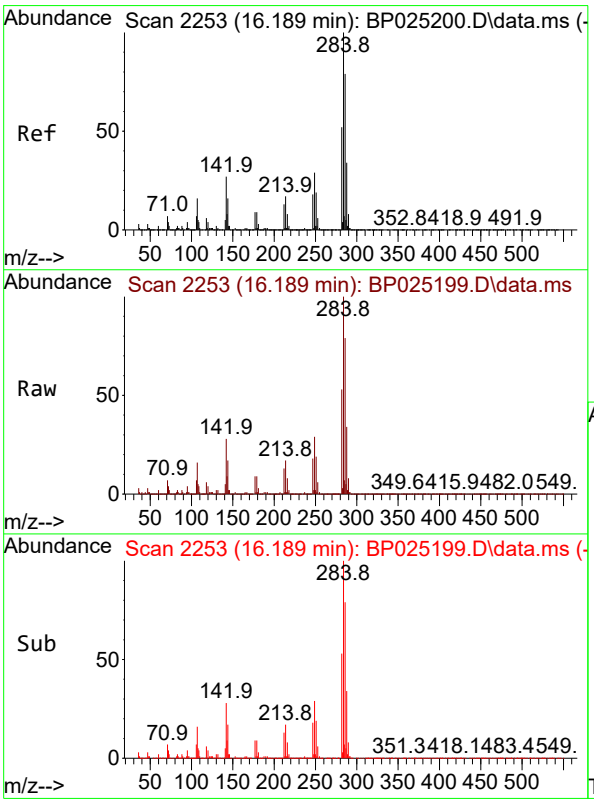
#67
4-Bromophenyl-phenylether
Concen: 19.779 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 797636

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.5	117.7
141	63.0	50.5	75.7

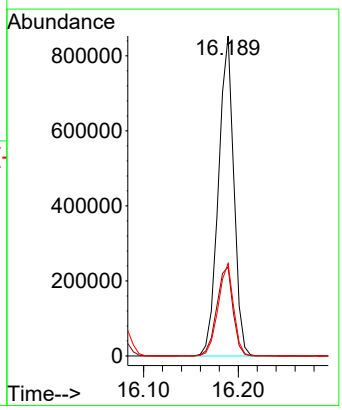


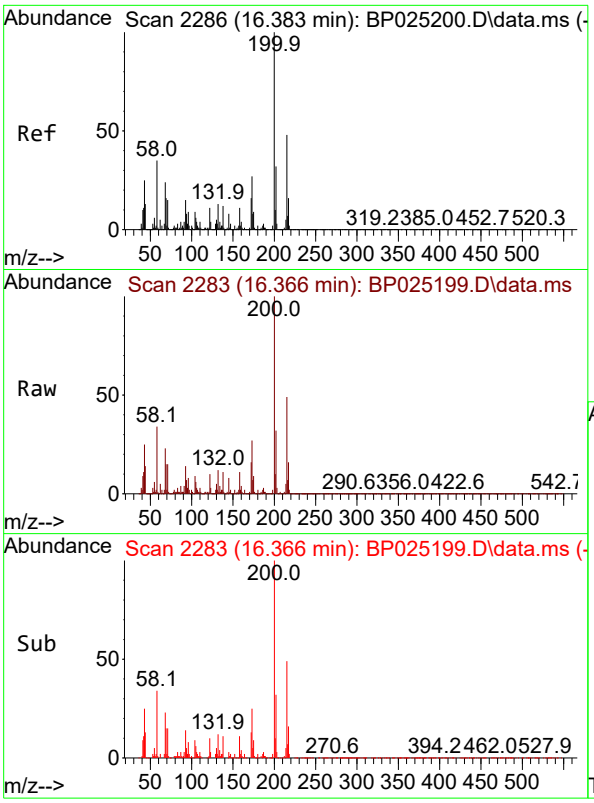


#68
Hexachlorobenzene
Concen: 19.994 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:284 Resp: 962844

Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.5	32.3
249	28.9	23.4	35.0



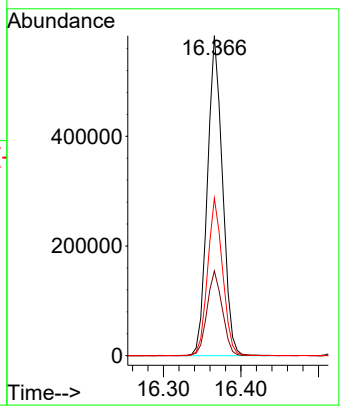


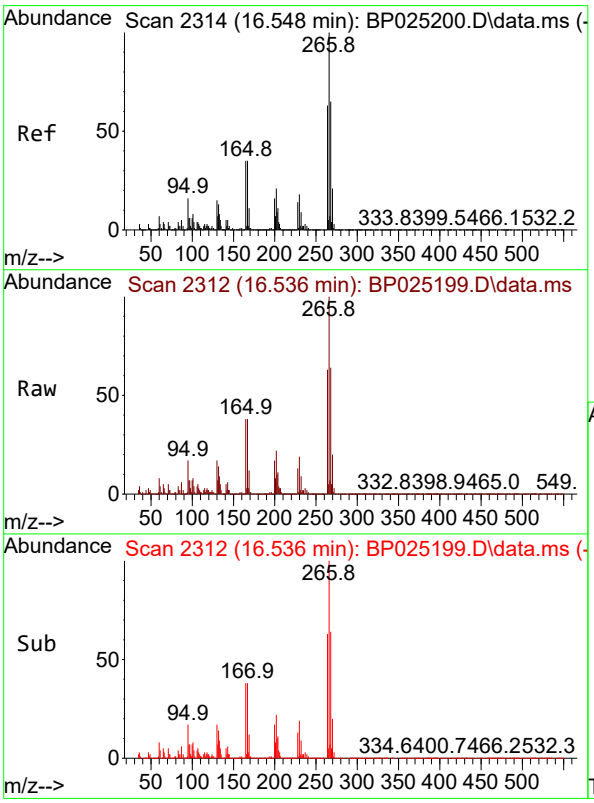
#69
Atrazine
Concen: 20.267 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 786929

Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.4	47.4
215	49.2	28.5	68.5

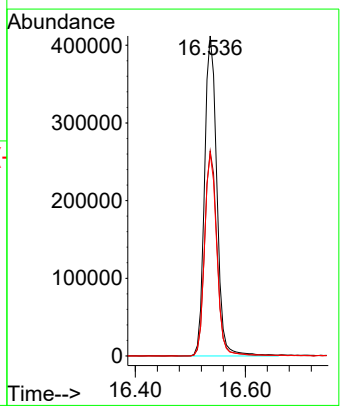


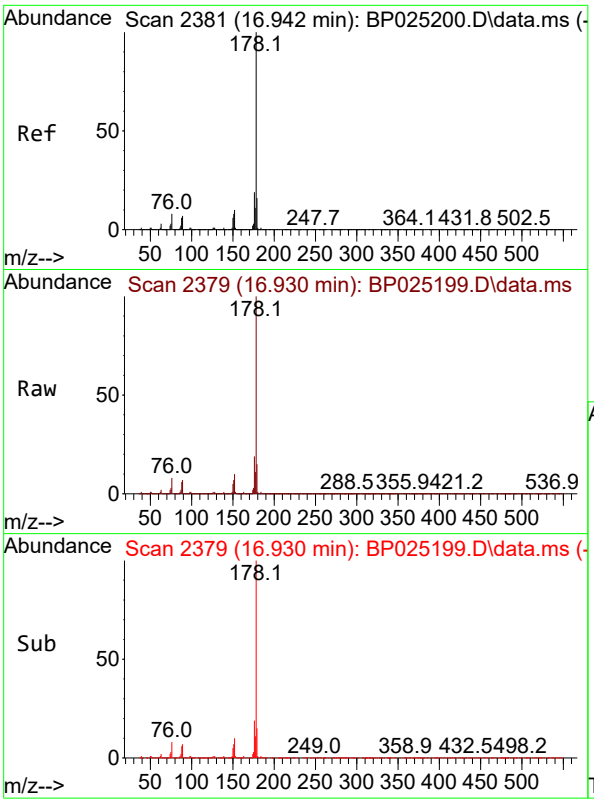


#70
Pentachlorophenol
Concen: 19.965 ng
RT: 16.536 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:266 Resp: 639966

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.8	77.6
264	63.3	50.3	75.5



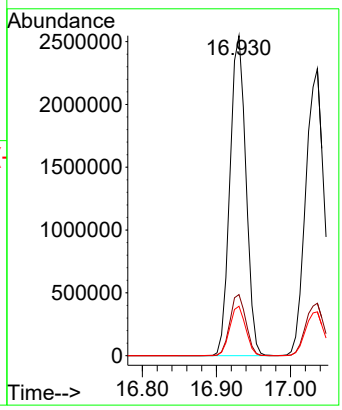


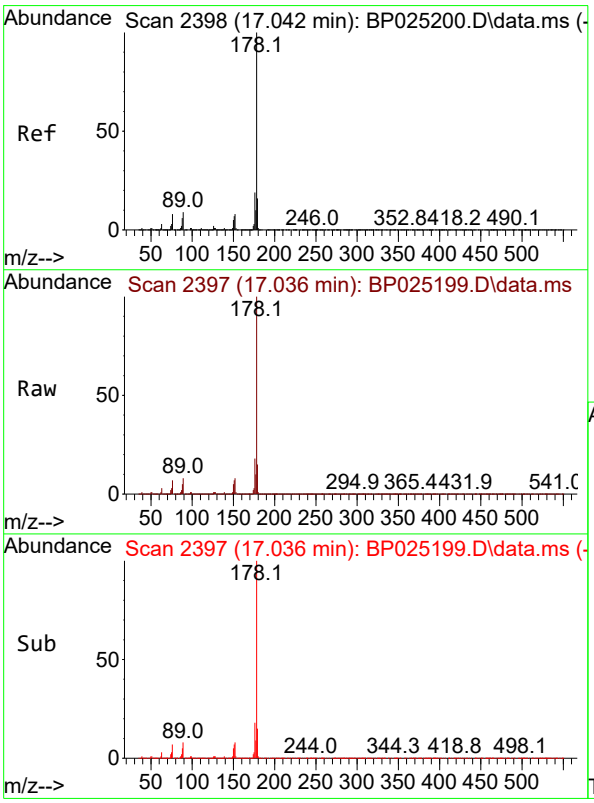
#71
Phenanthrene
Concen: 20.006 ng
RT: 16.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 3812811

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.5	18.7

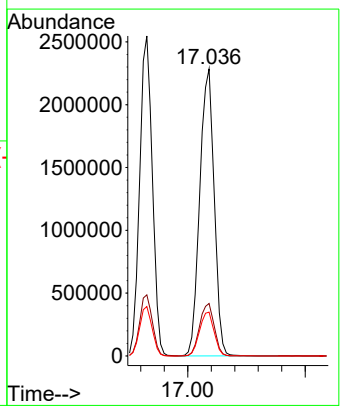


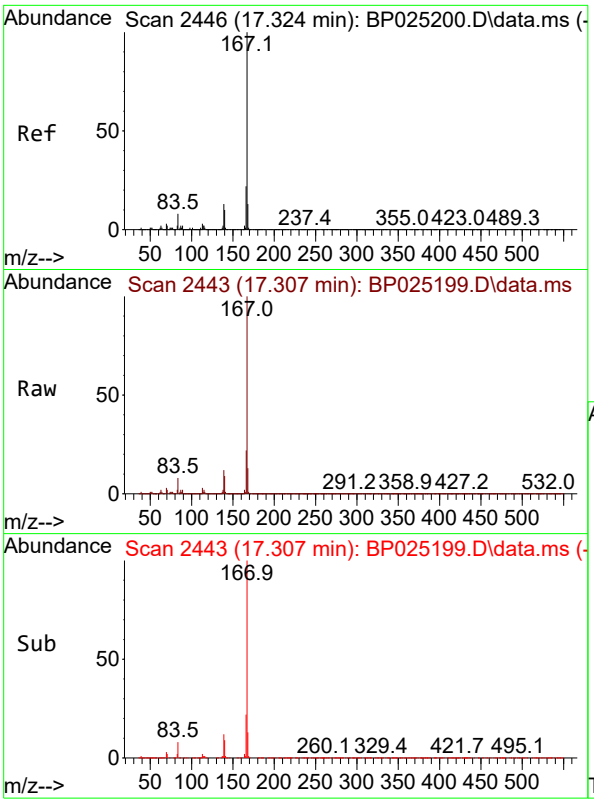


#72
Anthracene
Concen: 20.193 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:178 Resp: 3906820

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.3	12.5	18.7



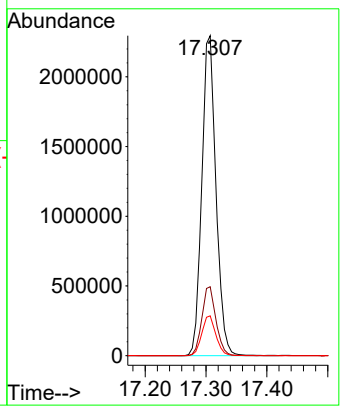


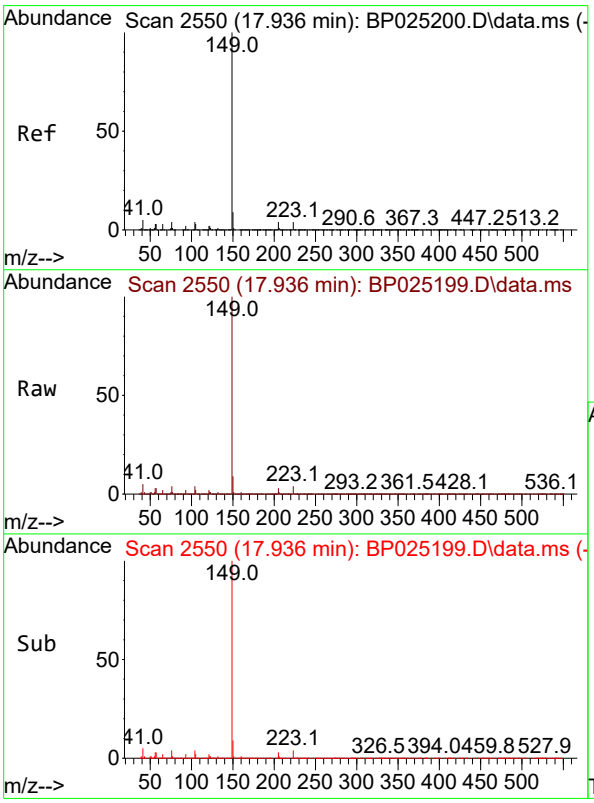
#73
Carbazole
Concen: 20.175 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 3714018

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.5	10.1	15.1

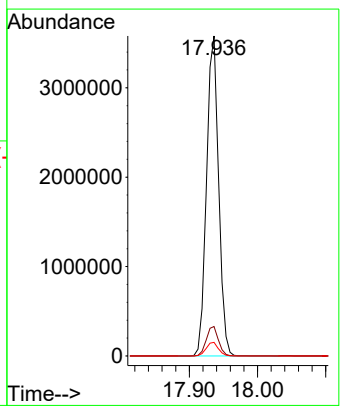


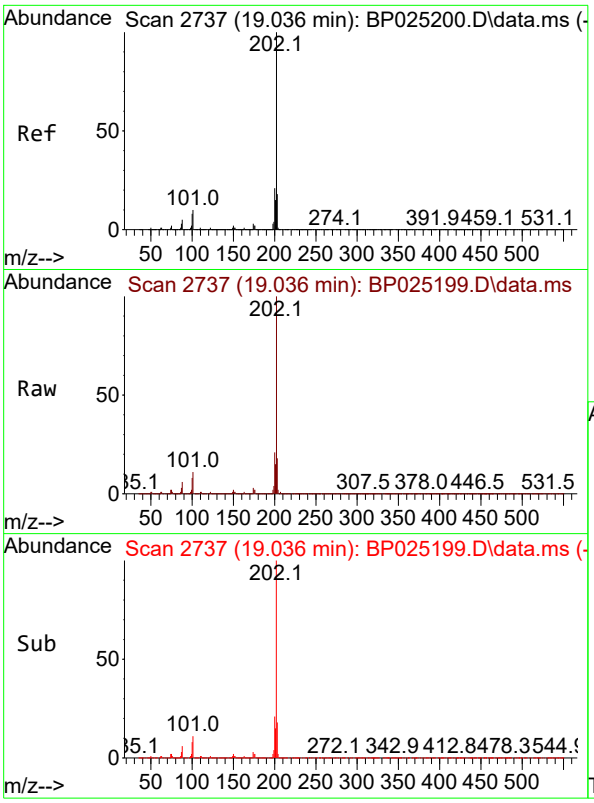


#74
Di-n-butylphthalate
Concen: 20.415 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 4406649

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.3	3.5	5.3



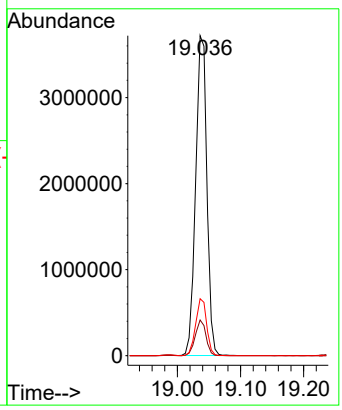


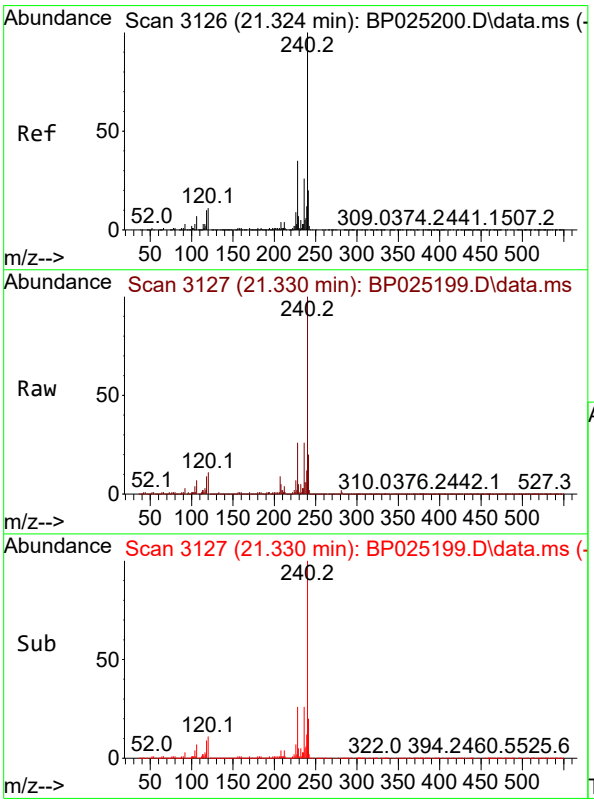
#75
Fluoranthene
Concen: 20.298 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 4574063

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.8	0.0	38.0

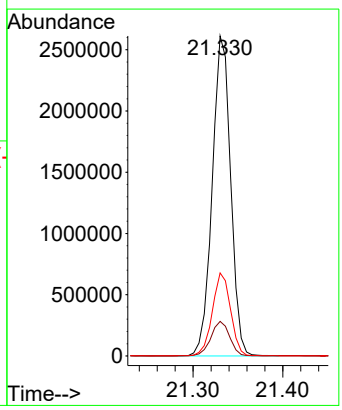


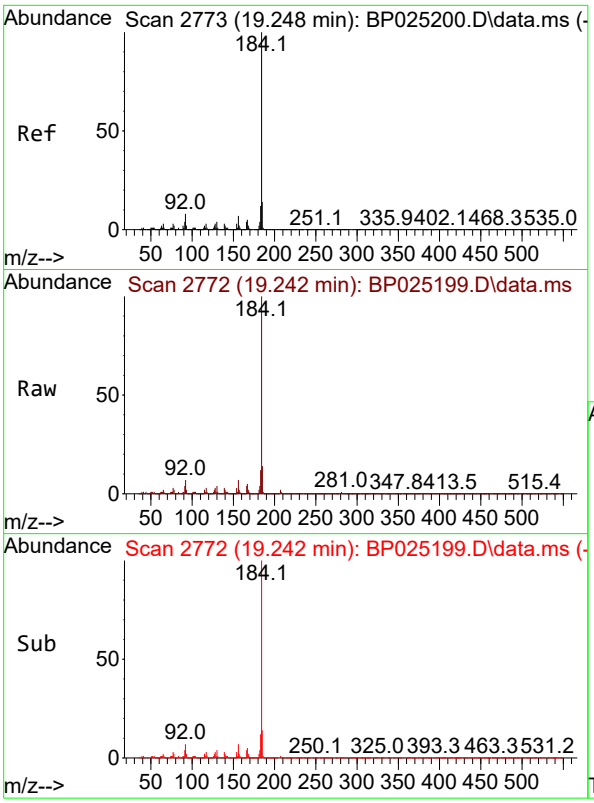


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:240 Resp: 3723190

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3



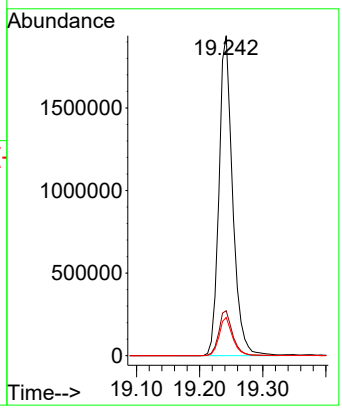


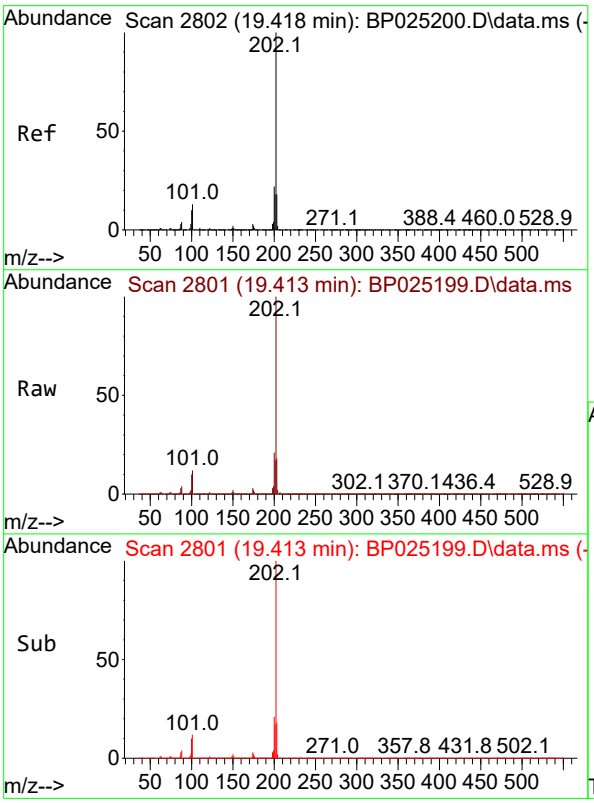
#77
Benzidine
Concen: 20.485 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 2913500

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	12.0	9.6	14.4

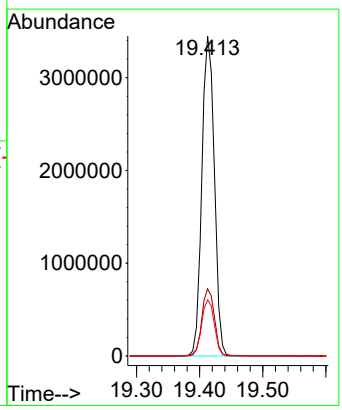


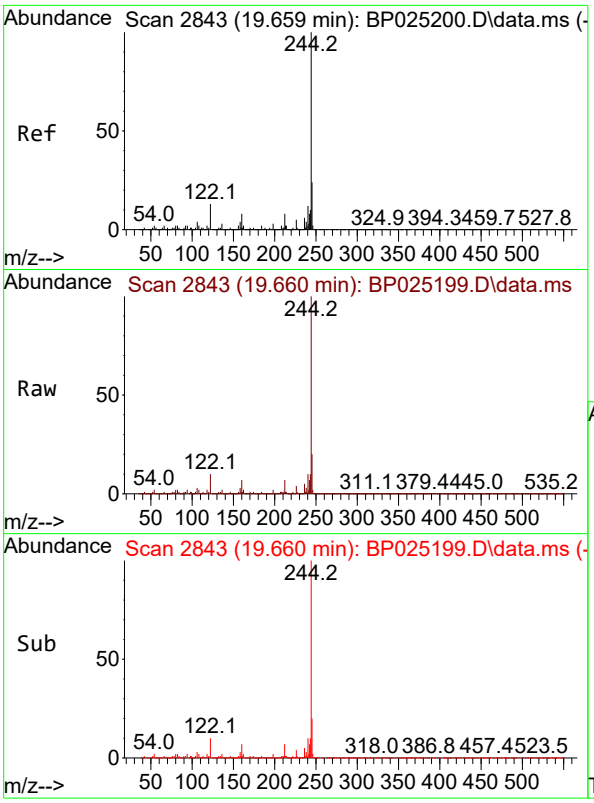


#78
Pyrene
Concen: 20.039 ng
RT: 19.413 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:202 Resp: 4741470

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5



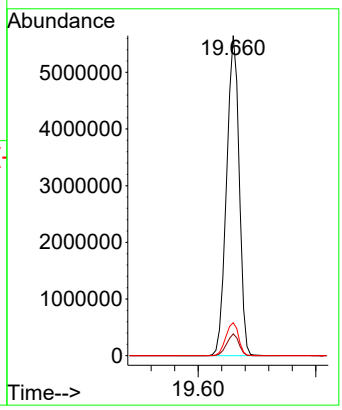


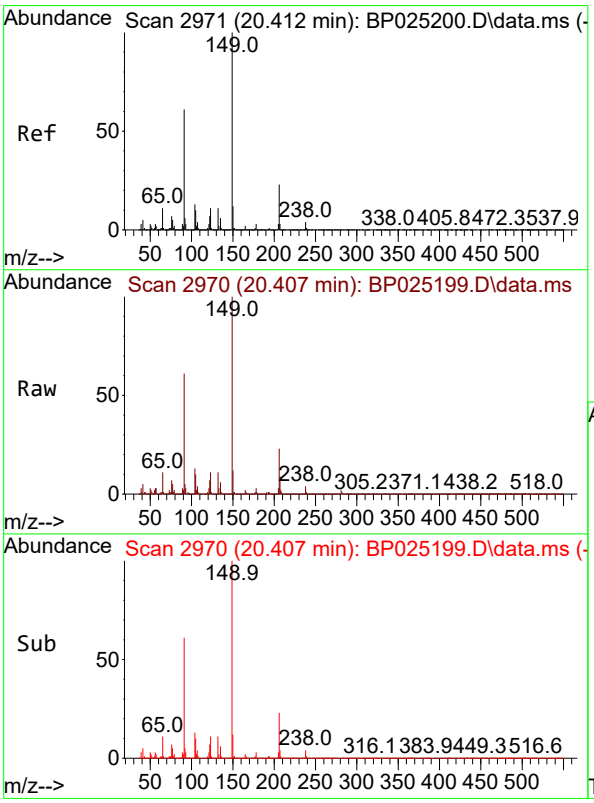
#79
Terphenyl-d14
Concen: 42.086 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 8390472

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	9.8
122	10.3	10.3	15.5#

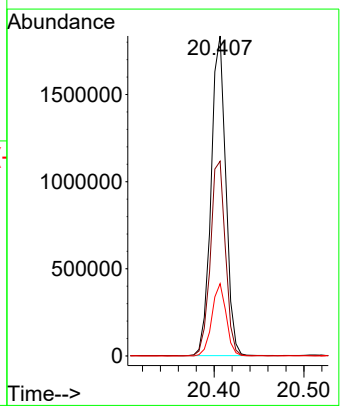


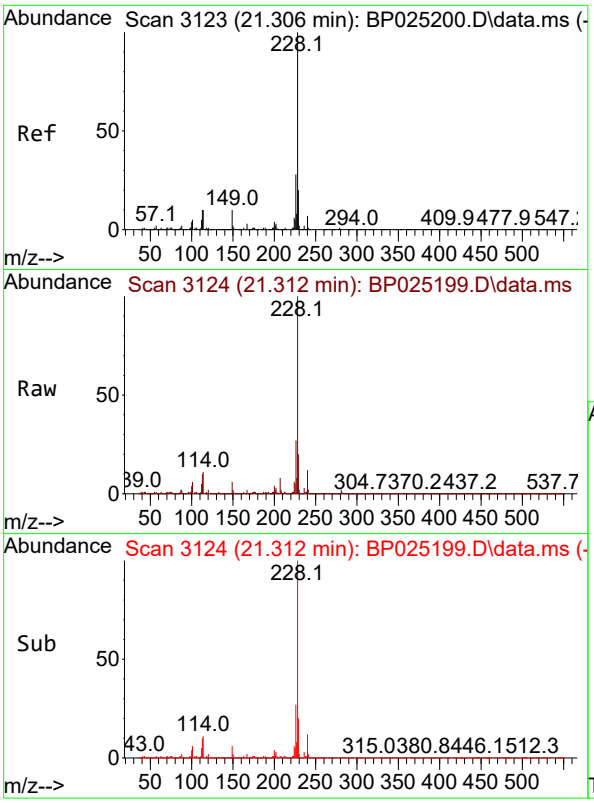


#80
Butylbenzylphthalate
Concen: 19.969 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2085097

Ion	Ratio	Lower	Upper
149	100		
91	60.9	48.8	73.2
206	22.6	18.4	27.6



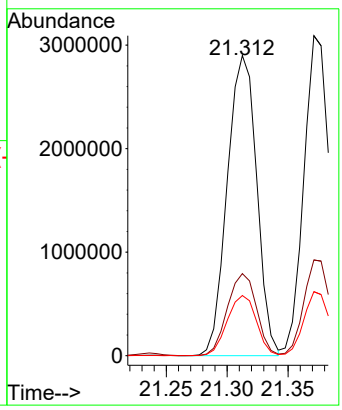


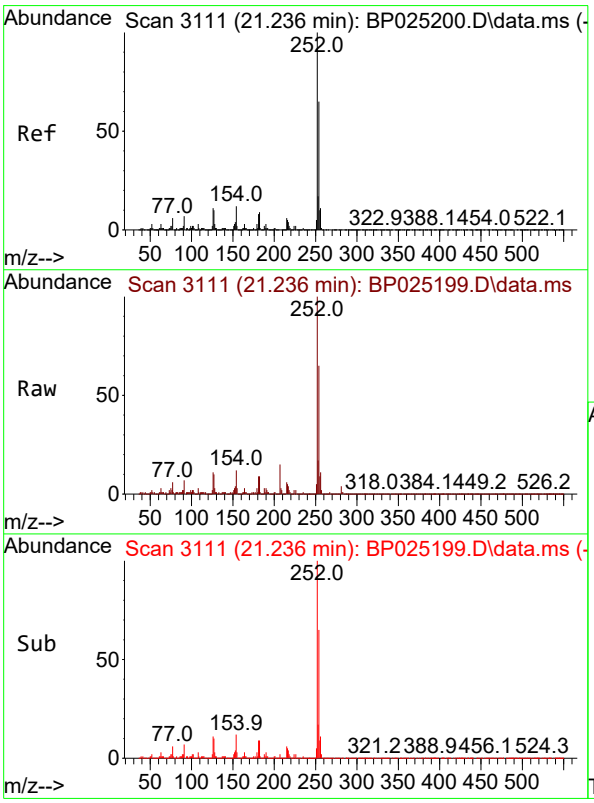
#81
Benzo(a)anthracene
Concen: 20.152 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 4880320

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	16.2	24.2

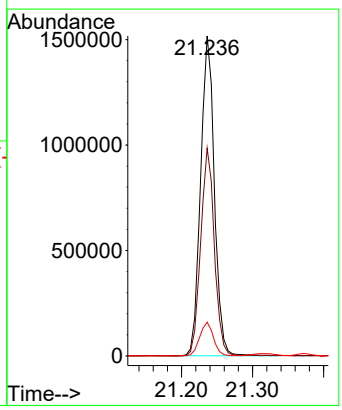


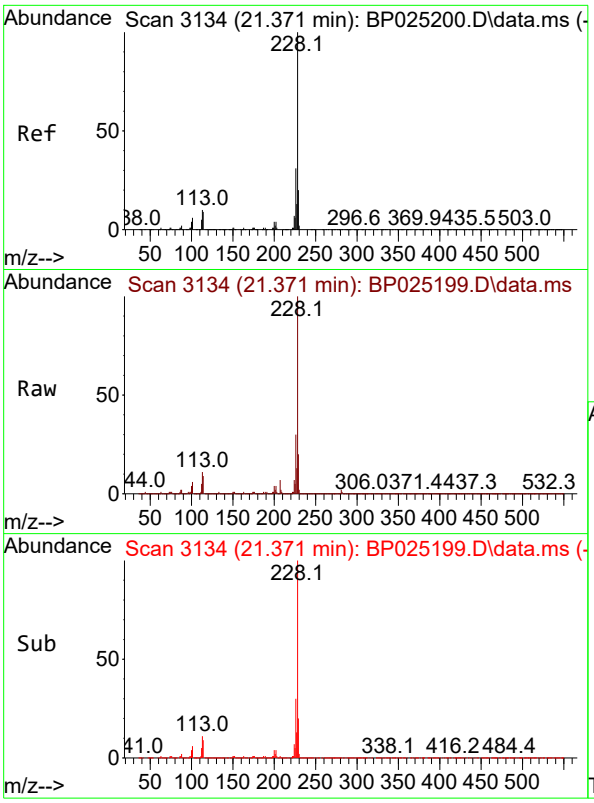


#82
3,3'-Dichlorobenzidine
Concen: 20.627 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 2048334

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	10.6	8.6	12.8



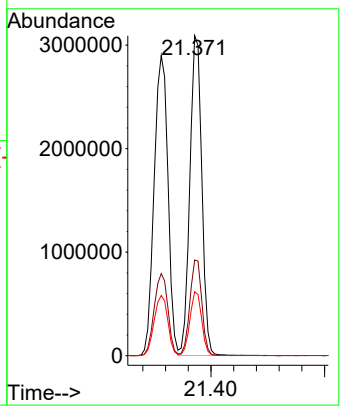


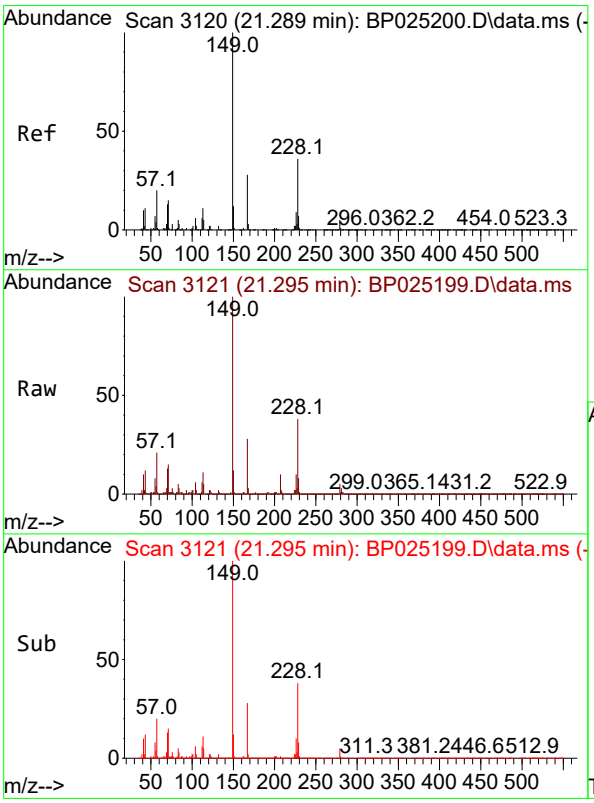
#83
Chrysene
Concen: 20.030 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 4523656

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	20.0	16.0	24.0

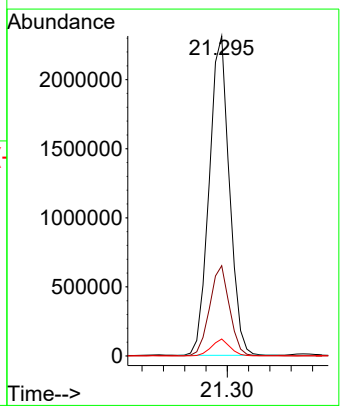


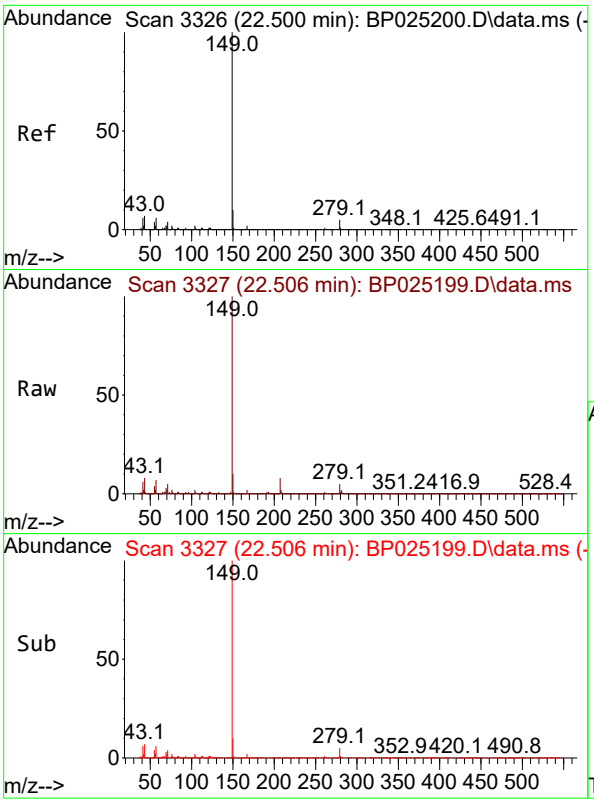


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.981 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 3041538

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	5.3	4.0	6.0



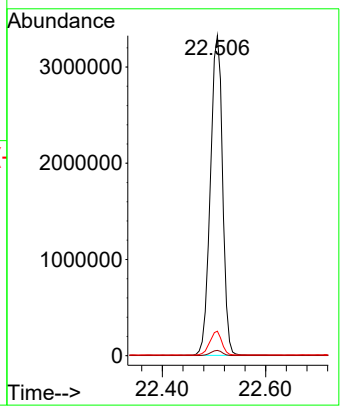


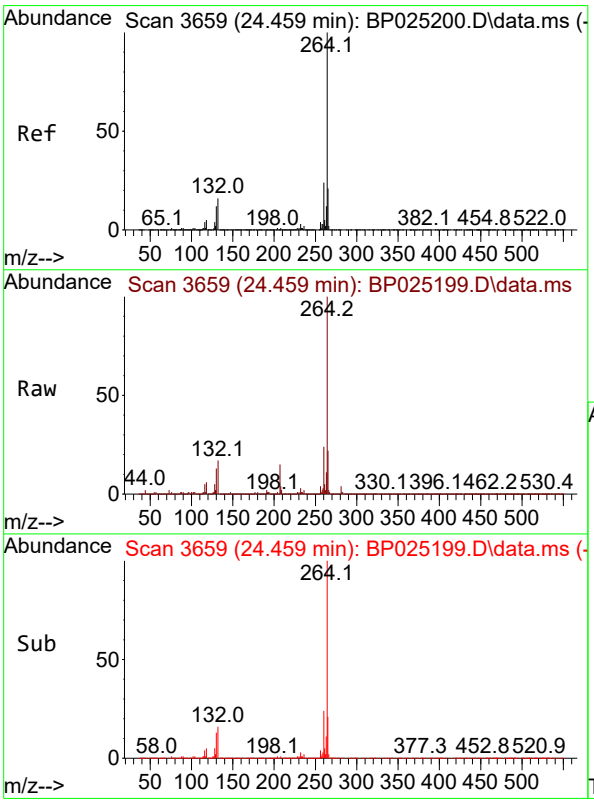
#85
Di-n-octyl phthalate
Concen: 20.449 ng
RT: 22.506 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 5425668

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.1	9.1

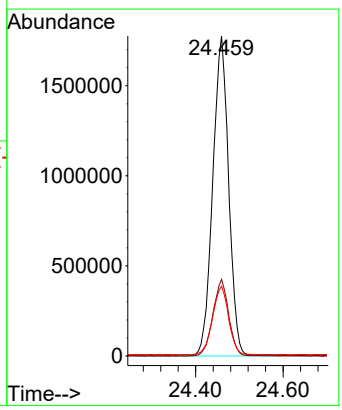


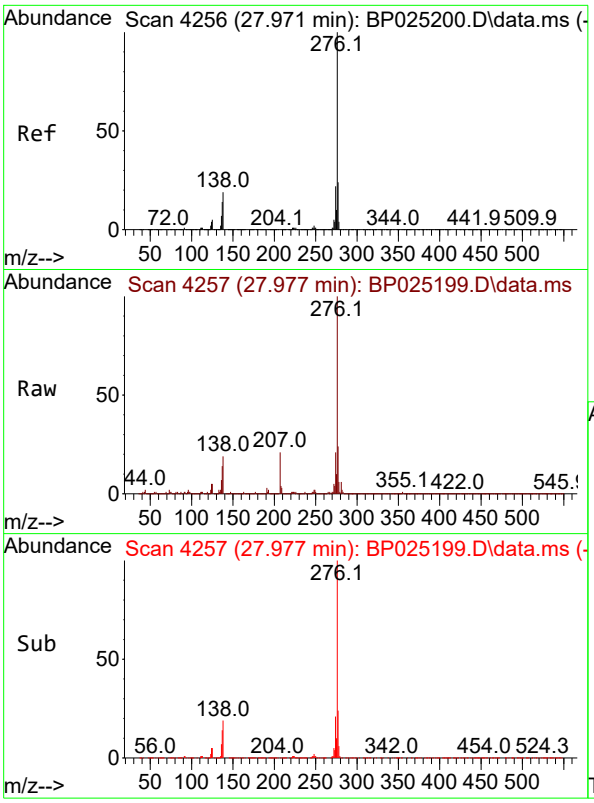


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:264 Resp: 4465504

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.5	26.3



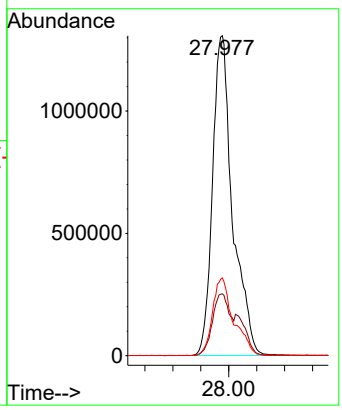


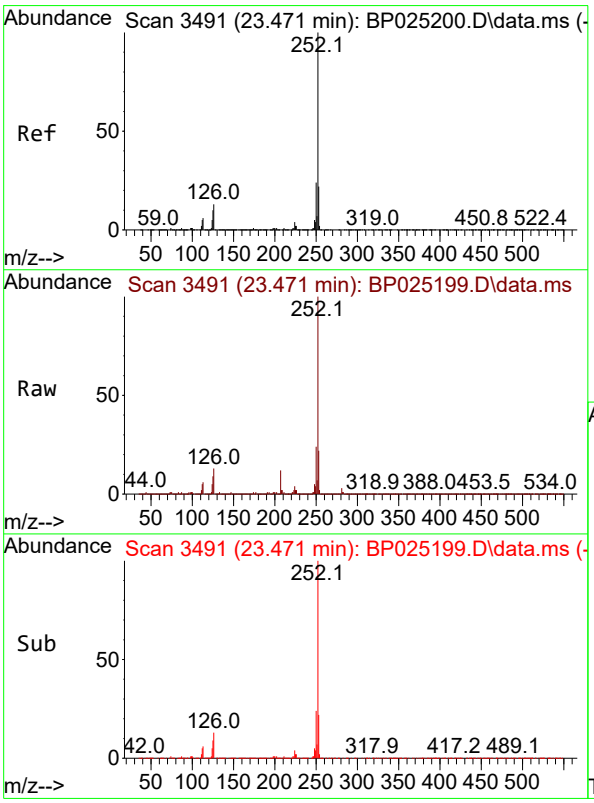
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.880 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 6525812

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.8	19.2
277	25.4	20.3	30.5

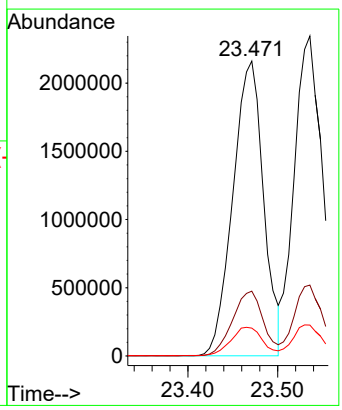


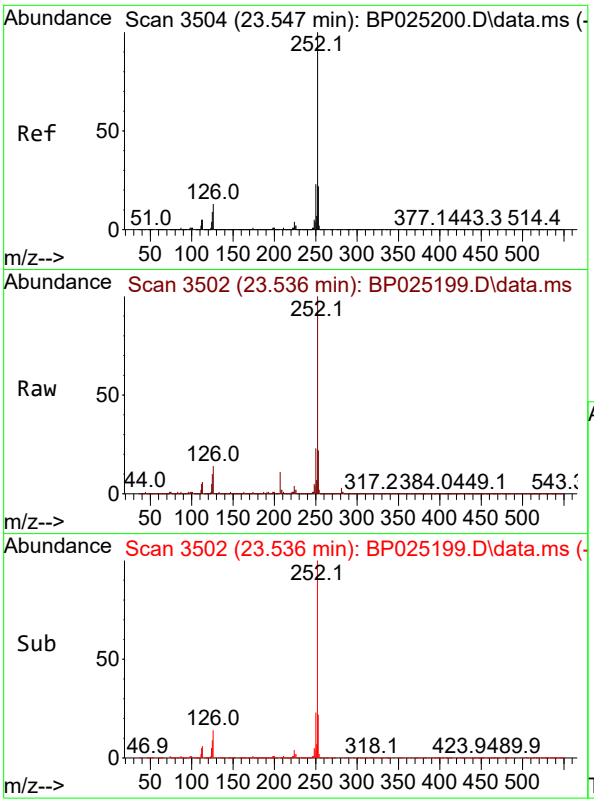


#88
Benzo(b)fluoranthene
Concen: 19.698 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5129956

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.5	7.8	11.8



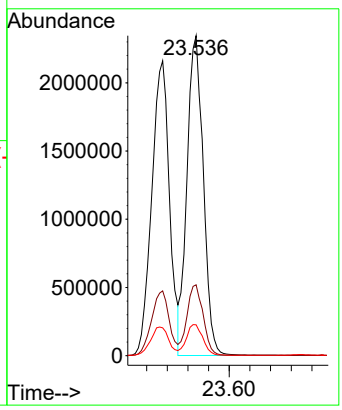


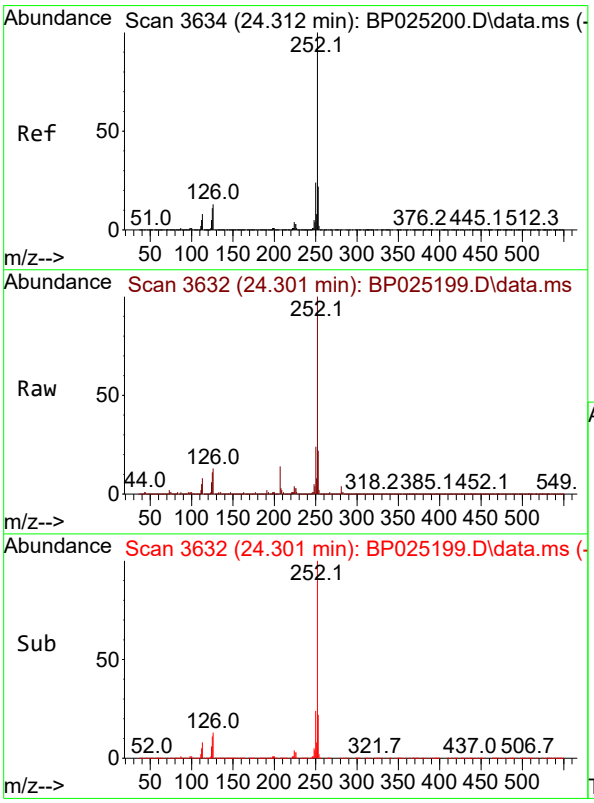
#89
Benzo(k)fluoranthene
Concen: 19.822 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 5125128

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	7.5	11.3

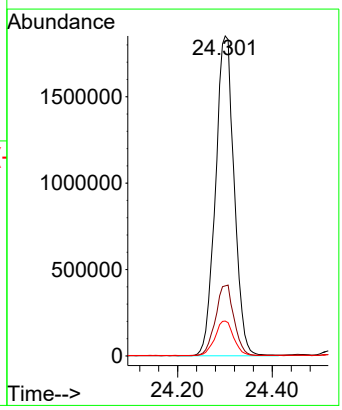


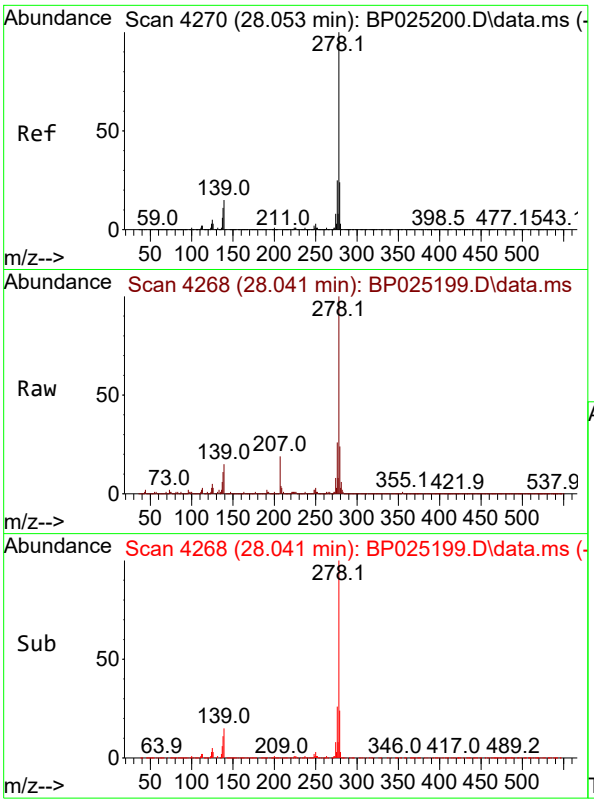


#90
Benzo(a)pyrene
Concen: 19.982 ng
RT: 24.301 min Scan# 3632
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5051354

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	8.6	12.8



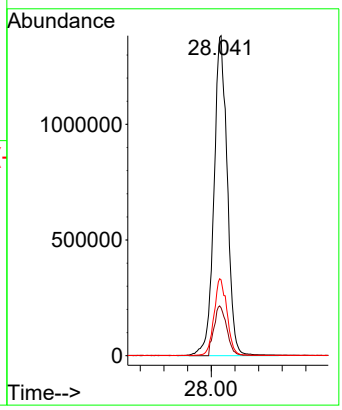


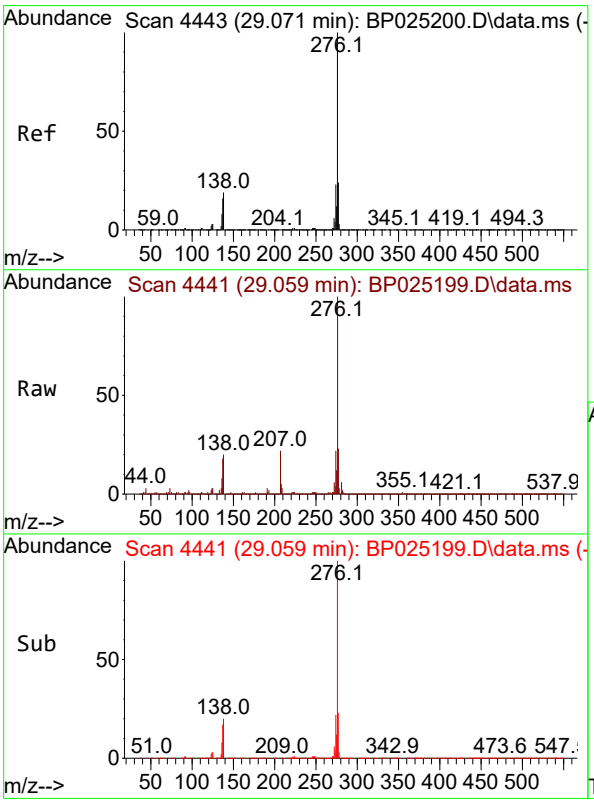
#91
Dibenzo(a,h)anthracene
Concen: 19.991 ng
RT: 28.041 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 5381616

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.0	18.0
279	23.7	19.5	29.3

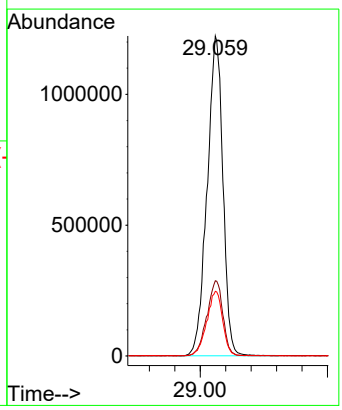




#92
Benzo(g,h,i)perylene
Concen: 19.946 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:276 Resp: 5259660

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	20.2	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	716086	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2975305	20.000	ng	0.00
39) Acenaphthene-d10	14.077	164	1899529	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3663221	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3679412	20.000	ng	0.00
86) Perylene-d12	24.459	264	4344624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	3332284	77.740	ng	0.00
7) Phenol-d6	6.637	99	4205182	79.463	ng	0.00
23) Nitrobenzene-d5	8.566	82	4190097	77.213	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2184856	77.351	ng	0.00
45) 2-Fluorobiphenyl	12.683	172	10646823	74.204	ng	0.00
79) Terphenyl-d14	19.659	244	13104058	66.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	613318	38.071	ng	100
3) Pyridine	3.496	79	1670295	39.146	ng	100
4) n-Nitrosodimethylamine	3.407	42	670875	39.840	ng	100
6) Aniline	6.778	93	2758328	40.082	ng	100
8) 2-Chlorophenol	7.007	128	1916454	39.736	ng	100
9) Benzaldehyde	6.595	77	1588648	42.007	ng	100
10) Phenol	6.660	94	2175741	39.738	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	1667453	39.664	ng	100
12) 1,3-Dichlorobenzene	7.325	146	2137788	39.069	ng	100
13) 1,4-Dichlorobenzene	7.466	146	2156704	39.058	ng	100
14) 1,2-Dichlorobenzene	7.778	146	2078661	39.177	ng	100
15) Benzyl Alcohol	7.672	79	1522703	40.143	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.954	45	2129397	39.489	ng	100
17) 2-Methylphenol	7.878	107	1514702	39.997	ng	100
18) Hexachloroethane	8.489	117	745054	39.515	ng	100
19) n-Nitroso-di-n-propyla...	8.231	70	1271335	39.862	ng	100
20) 3+4-Methylphenols	8.201	107	2062504	39.873	ng	100
22) Acetophenone	8.242	105	2676137	37.975	ng	100
24) Nitrobenzene	8.607	77	1867495	38.831	ng	100
25) Isophorone	9.136	82	3701878	38.950	ng	100
26) 2-Nitrophenol	9.307	139	1088830	40.223	ng	100
27) 2,4-Dimethylphenol	9.378	122	1801438	39.091	ng	100
28) bis(2-Chloroethoxy)met...	9.613	93	2278849	38.192	ng	100
29) 2,4-Dichlorophenol	9.836	162	1863258	39.421	ng	100
30) 1,2,4-Trichlorobenzene	10.048	180	1987412	38.213	ng	100
31) Naphthalene	10.231	128	5927872	38.257	ng	100
32) Benzoic acid	9.542	122	1398585	41.555	ng	100
33) 4-Chloroaniline	10.336	127	2603764	38.702	ng	100
34) Hexachlorobutadiene	10.519	225	1206197	38.619	ng	100
35) Caprolactam	11.131	113	599453	38.538	ng	100
36) 4-Chloro-3-methylphenol	11.478	107	1824293	38.647	ng	100
37) 2-Methylnaphthalene	11.848	142	3843978	38.356	ng	100
38) 1-Methylnaphthalene	12.083	142	4055024	38.363	ng	100
40) 1,2,4,5-Tetrachloroben...	12.225	216	2240439	38.948	ng	100
41) Hexachlorocyclopentadiene	12.213	237	1343791	41.195	ng	100
43) 2,4,6-Trichlorophenol	12.483	196	1548524	39.840	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

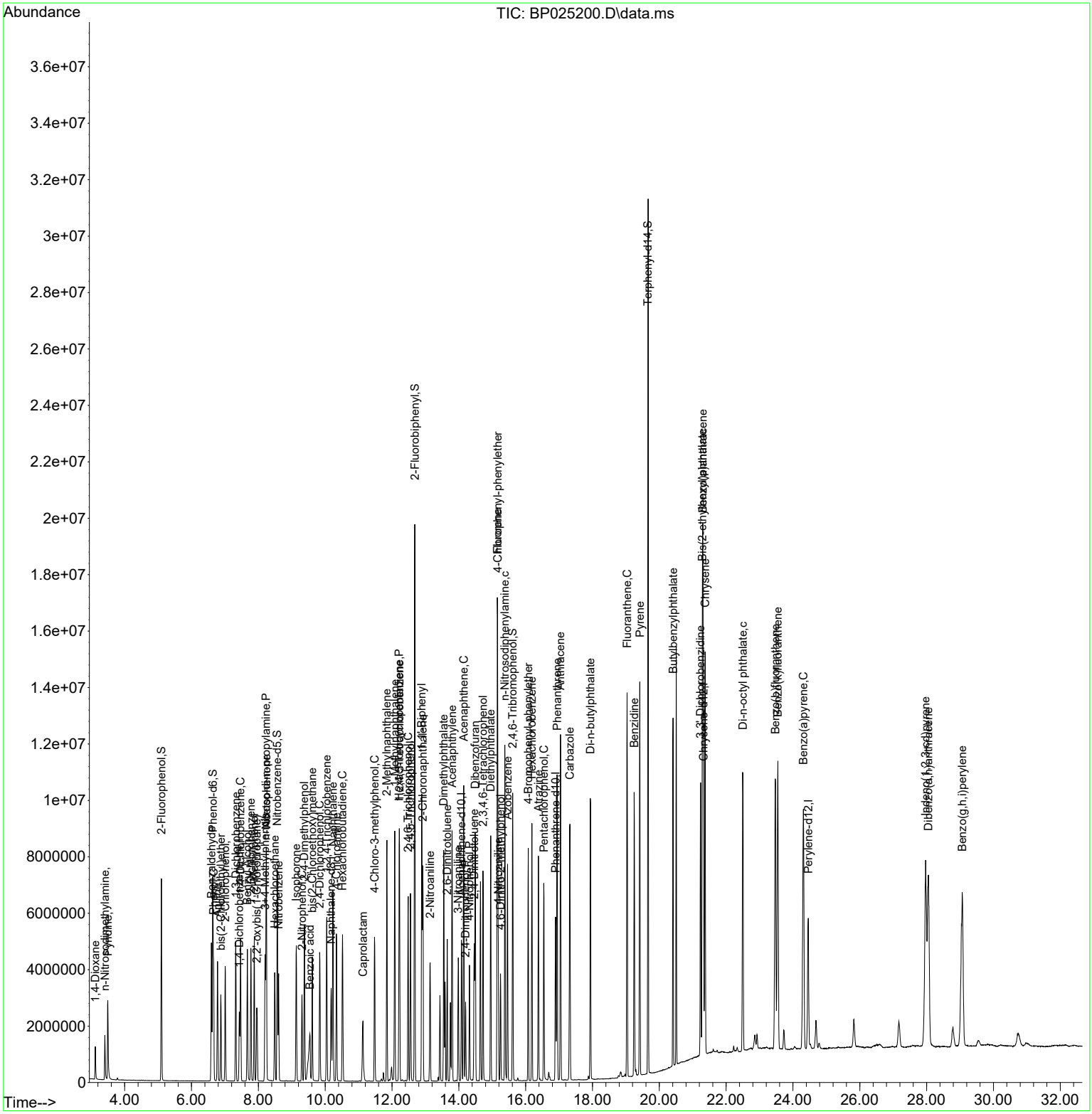
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1710200	39.918	ng	100
46) 1,1'-Biphenyl	12.889	154	5417896	38.574	ng	100
47) 2-Chloronaphthalene	12.919	162	4194712	38.548	ng	100
48) 2-Nitroaniline	13.142	65	1091815	39.999	ng	100
49) Acenaphthylene	13.801	152	6871857	38.510	ng	100
50) Dimethylphthalate	13.548	163	5235471	37.775	ng	100
51) 2,6-Dinitrotoluene	13.654	165	1176482	40.101	ng	100
52) Acenaphthene	14.148	154	3914560	38.081	ng	100
53) 3-Nitroaniline	13.983	138	1298241	39.219	ng	100
54) 2,4-Dinitrophenol	14.201	184	686084	41.732	ng	100
55) Dibenzofuran	14.489	168	6369097	38.268	ng	100
56) 4-Nitrophenol	14.319	139	1097489	38.906	ng	100
57) 2,4-Dinitrotoluene	14.460	165	1650569	40.384	ng	100
58) Fluorene	15.154	166	5039793	37.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.724	232	1484995	39.155	ng	100
60) Diethylphthalate	14.954	149	5240206	38.266	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	2556797	38.212	ng	100
62) 4-Nitroaniline	15.183	138	1316167	39.018	ng	100
63) Azobenzene	15.460	77	4258175	38.711	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	966776	42.156	ng	100
66) n-Nitrosodiphenylamine	15.377	169	4401660	38.582	ng	100
67) 4-Bromophenyl-phenylether	16.077	248	1704976	39.475	ng	100
68) Hexachlorobenzene	16.189	284	2053102	39.808	ng	100
69) Atrazine	16.383	200	1617356	38.894	ng	100
70) Pentachlorophenol	16.548	266	1390894	40.516	ng	100
71) Phenanthrene	16.942	178	7842294	38.421	ng	100
72) Anthracene	17.042	178	7936213	38.301	ng	100
73) Carbazole	17.324	167	7541201	38.250	ng	100
74) Di-n-butylphthalate	17.936	149	8871376	38.374	ng	100
75) Fluoranthene	19.036	202	9173742	38.012	ng	100
77) Benzidine	19.248	184	6227248	44.306	ng	100
78) Pyrene	19.418	202	9256689	39.587	ng	100
80) Butylbenzylphthalate	20.412	149	4149304	40.211	ng	100
81) Benzo(a)anthracene	21.306	228	9153419	38.246	ng	100
82) 3,3'-Dichlorobenzidine	21.236	252	3746897	38.181	ng	100
83) Chrysene	21.371	228	8527648	38.208	ng	100
84) Bis(2-ethylhexyl)phtha...	21.289	149	5901118	39.227	ng	100
85) Di-n-octyl phthalate	22.500	149	10181858	38.831	ng	100
87) Indeno(1,2,3-cd)pyrene	27.971	276	12392600	38.803	ng	100
88) Benzo(b)fluoranthene	23.471	252	9832372	38.806	ng	100
89) Benzo(k)fluoranthene	23.547	252	9849710	39.154	ng	100
90) Benzo(a)pyrene	24.312	252	9588064	38.984	ng	100
91) Dibenzo(a,h)anthracene	28.053	278	10213563	38.996	ng	100
92) Benzo(g,h,i)perylene	29.071	276	9993377	38.952	ng	100

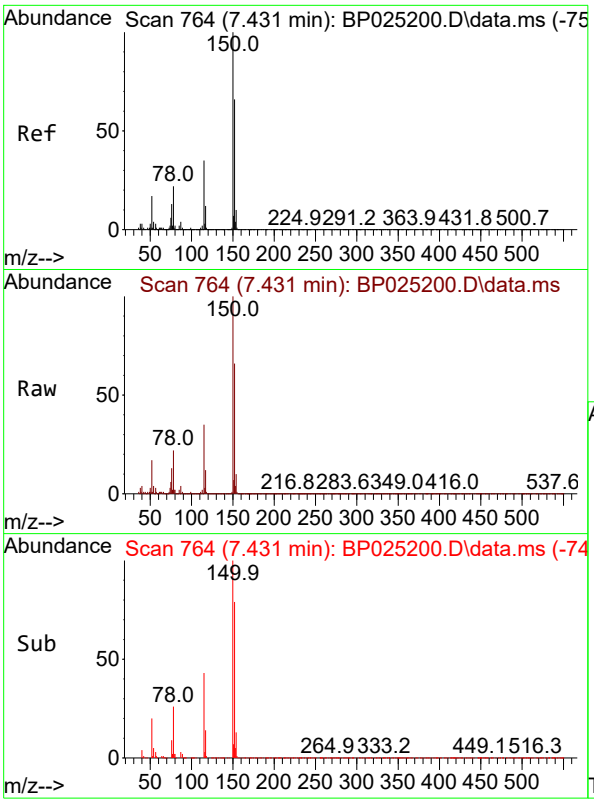
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Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



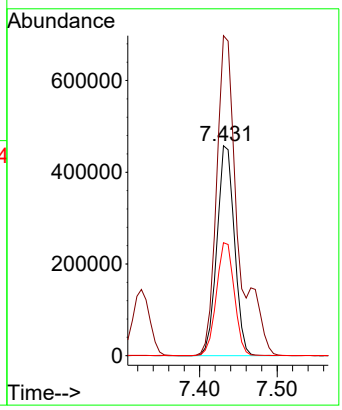


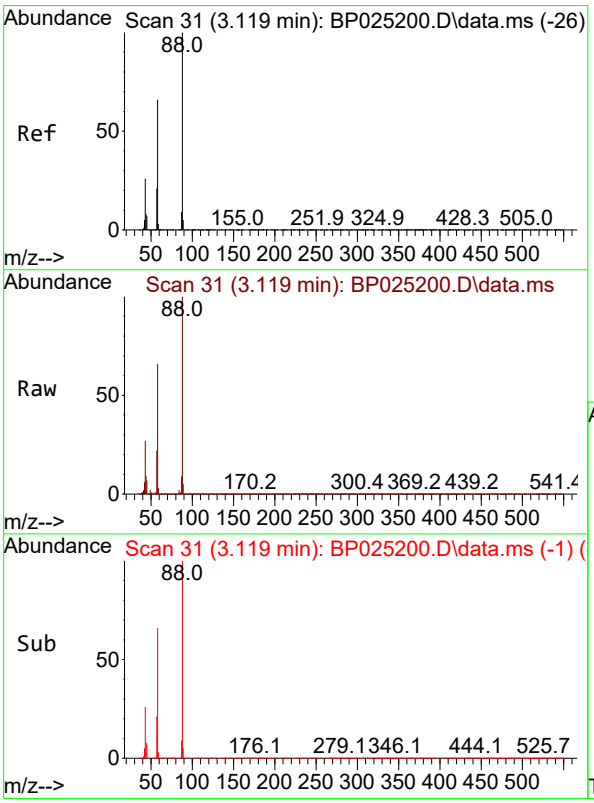
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 716086

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.9	182.9
115	53.8	43.0	64.6

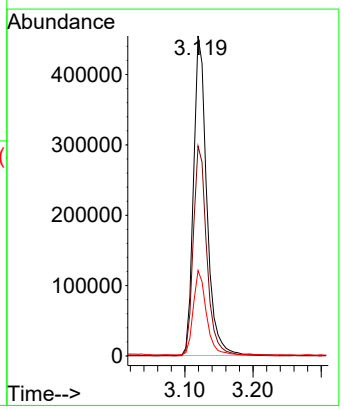


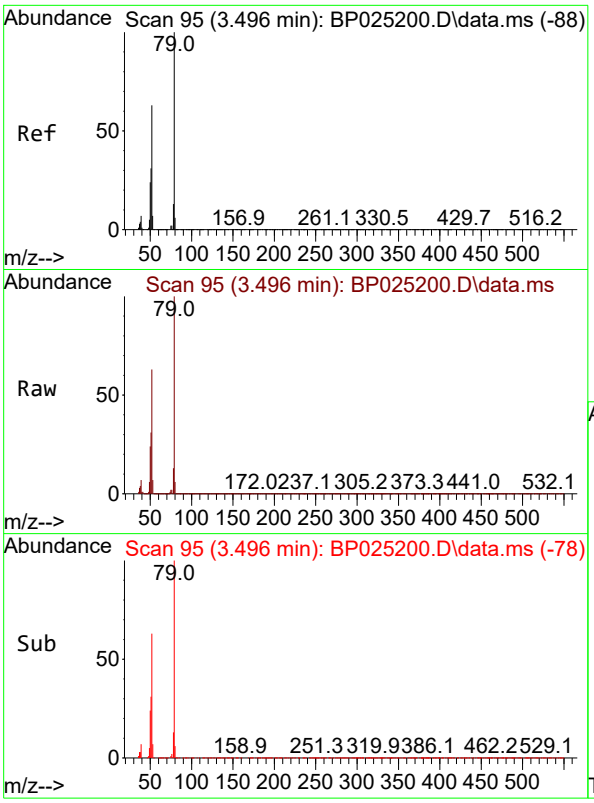


#2
1,4-Dioxane
Concen: 38.071 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 88 Resp: 613318

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	26.0	20.8	31.2



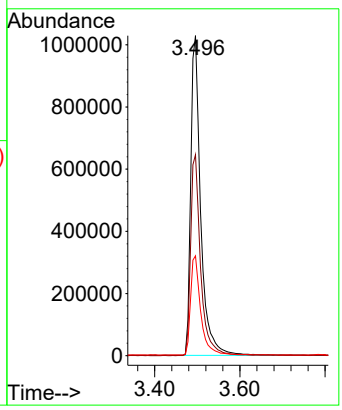


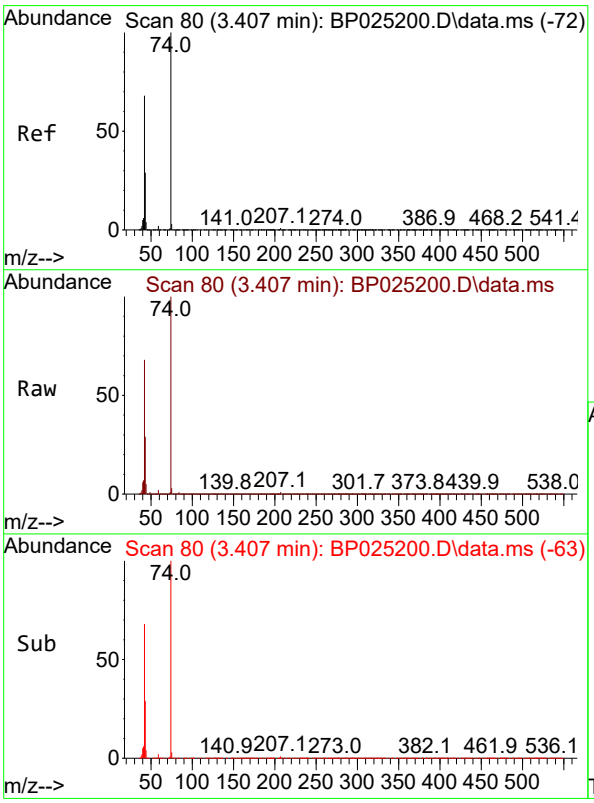
#3
Pyridine
Concen: 39.146 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 1670295

Ion	Ratio	Lower	Upper
79	100		
52	62.8	50.2	75.4
51	31.2	25.0	37.4

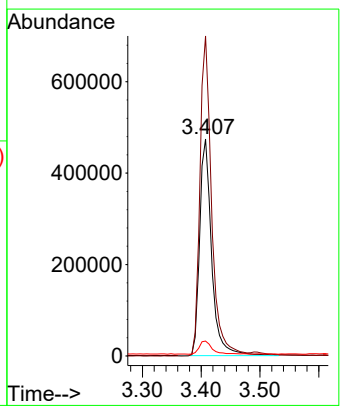


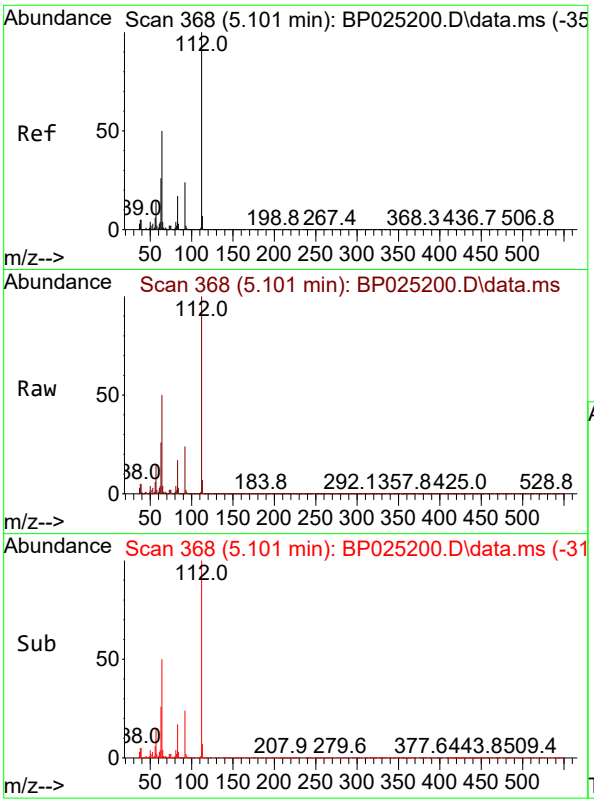


#4
n-Nitrosodimethylamine
Concen: 39.840 ng
RT: 3.407 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 42 Resp: 670875

Ion	Ratio	Lower	Upper
42	100		
74	147.5	118.0	177.0
44	6.9	5.5	8.3



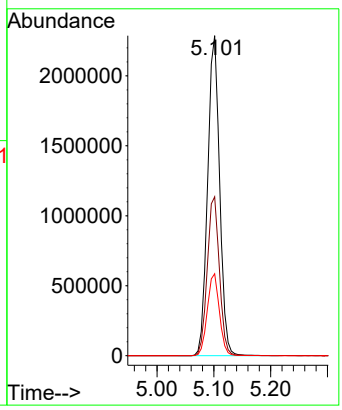


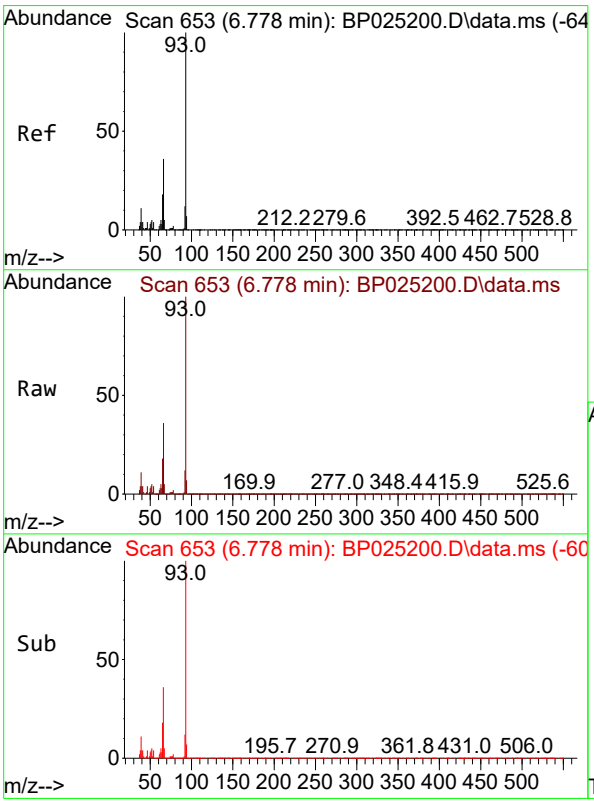
#5
2-Fluorophenol
Concen: 77.740 ng
RT: 5.101 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 3332284

Ion	Ratio	Lower	Upper
112	100		
64	49.7	39.8	59.6
63	25.6	20.5	30.7

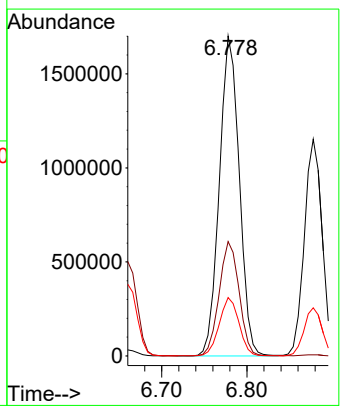


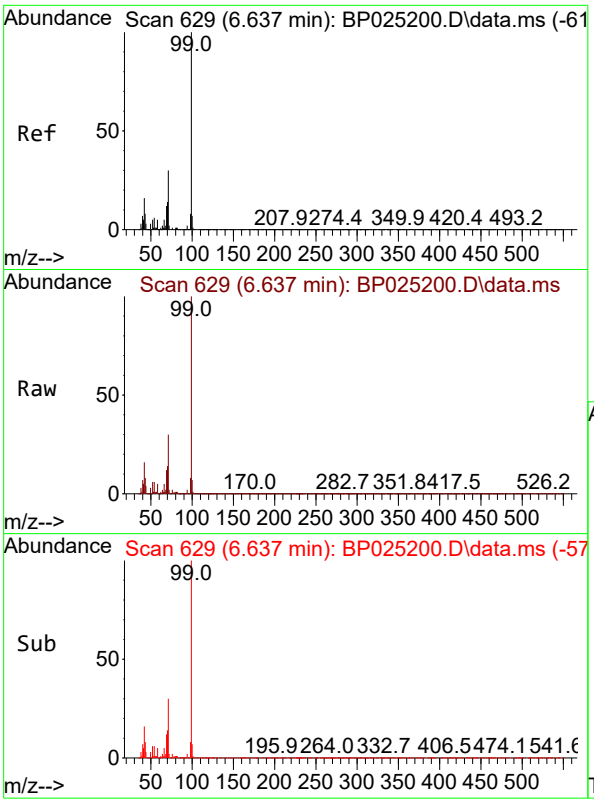


#6
Aniline
Concen: 40.082 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2758328

Ion	Ratio	Lower	Upper
93	100		
66	35.8	28.6	43.0
65	18.2	14.6	21.8



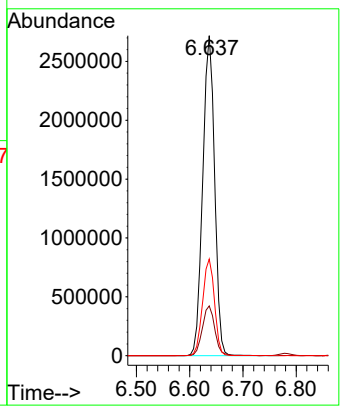


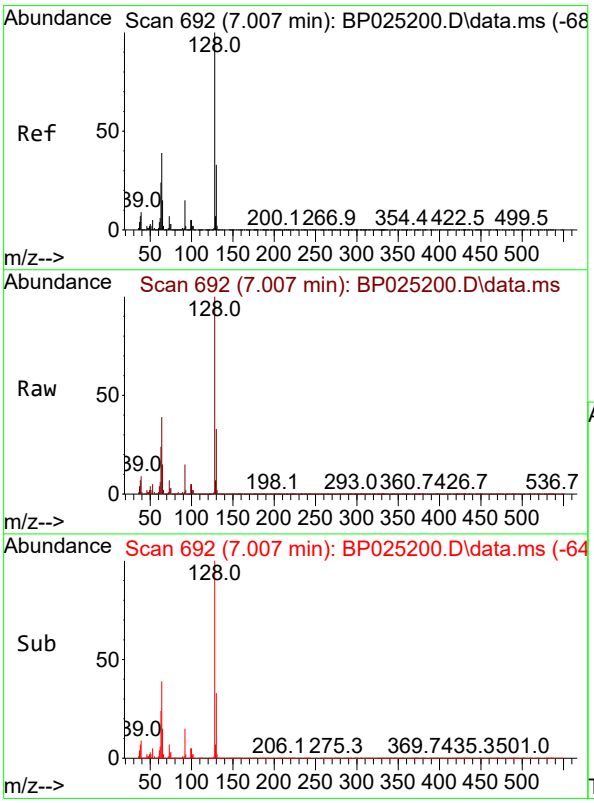
#7
Phenol-d6
Concen: 79.463 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 4205182

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	30.2	24.2	36.2

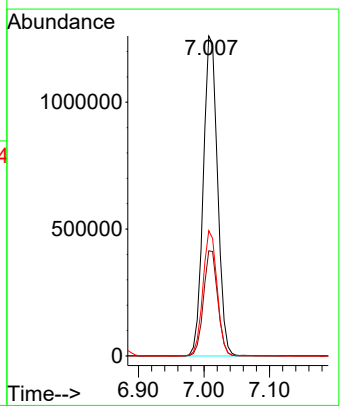


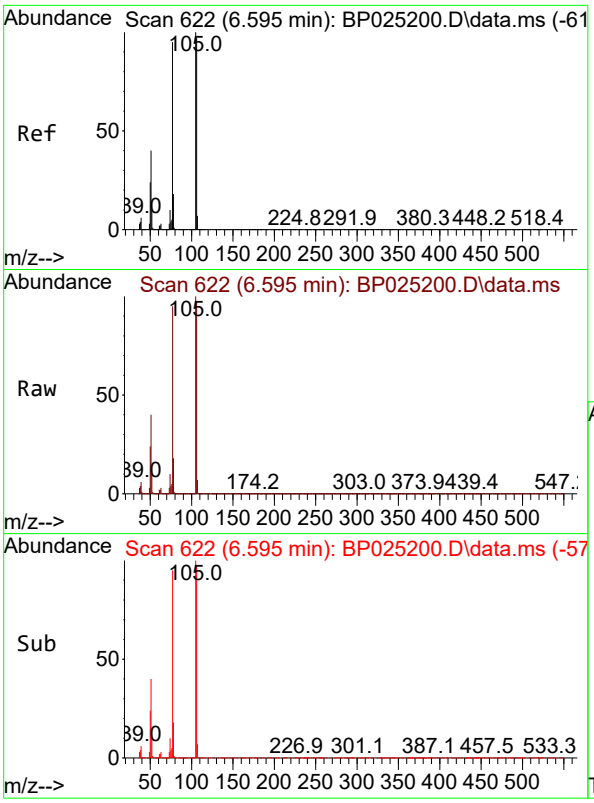


#8
2-Chlorophenol
Concen: 39.736 ng
RT: 7.007 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:128 Resp: 1916454

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	39.2	19.2	59.2



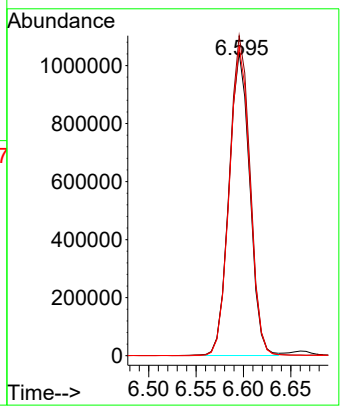


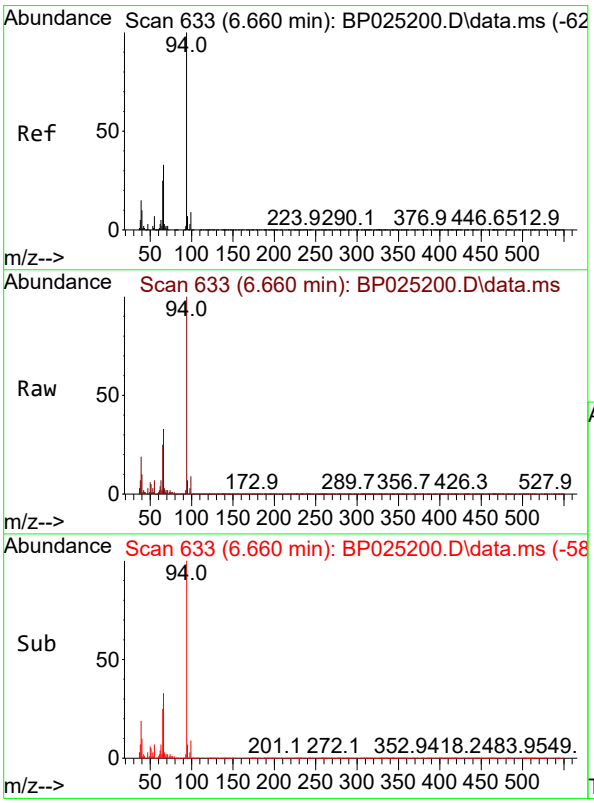
#9
Benzaldehyde
Concen: 42.007 ng
RT: 6.595 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1588648

Ion	Ratio	Lower	Upper
77	100		
105	105.5	85.5	125.5
106	101.9	81.9	121.9

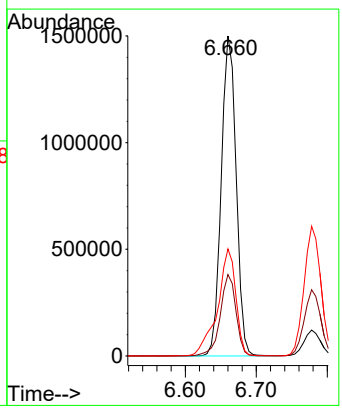


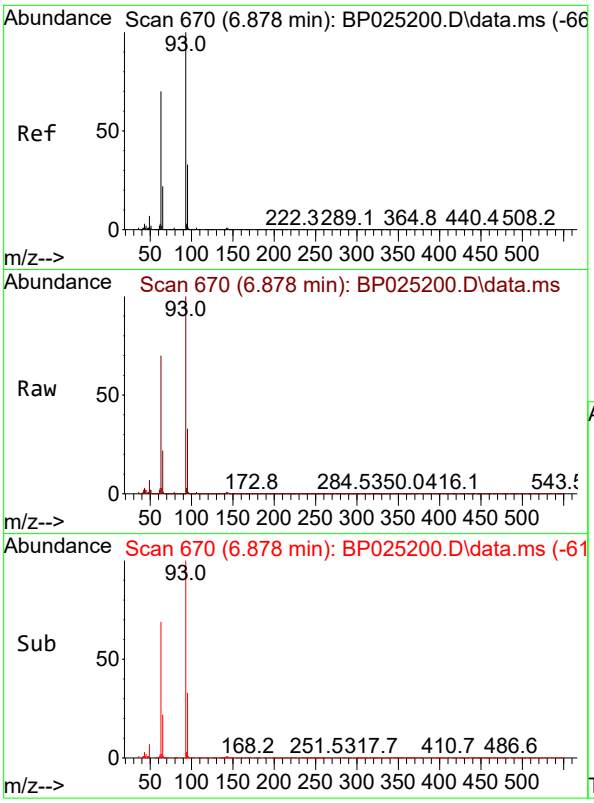


#10
Phenol
Concen: 39.738 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 94 Resp: 2175741

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.4	45.4
66	33.5	13.5	53.5



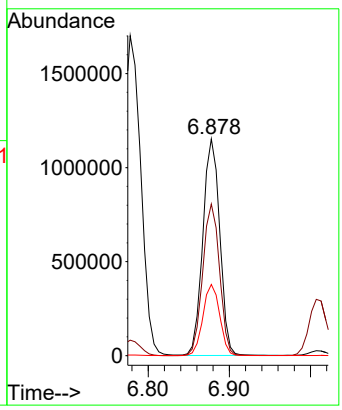


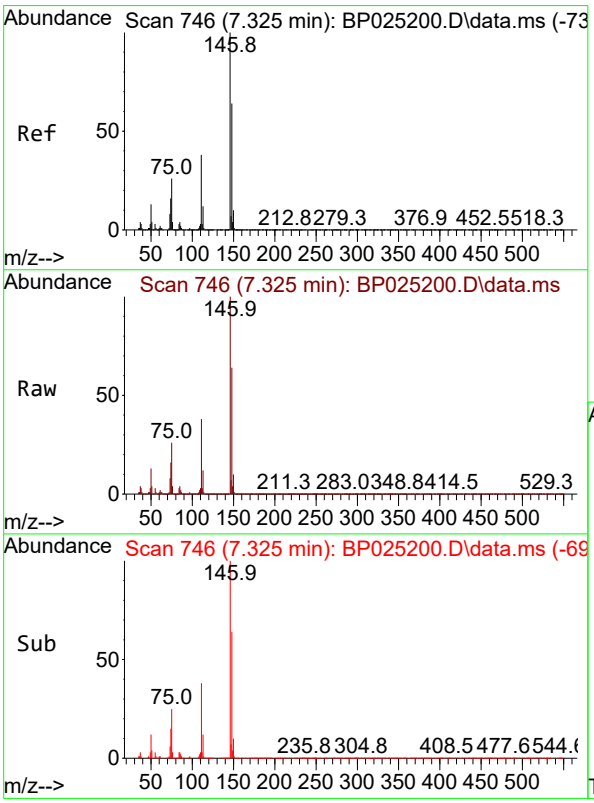
#11
bis(2-Chloroethyl)ether
Concen: 39.664 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 1667453

Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.0	90.0
95	32.9	12.9	52.9

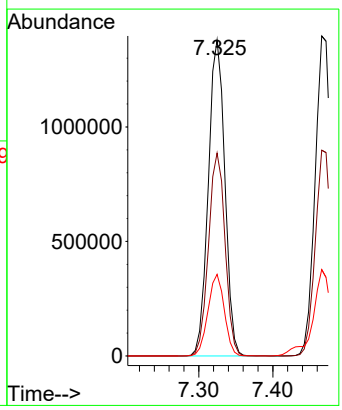


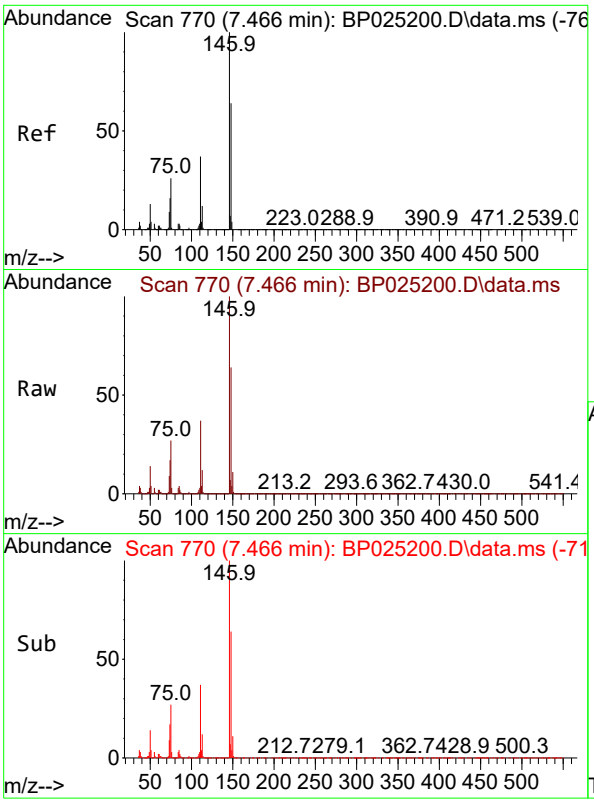


#12
1,3-Dichlorobenzene
Concen: 39.069 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2137788

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	25.8	20.6	31.0



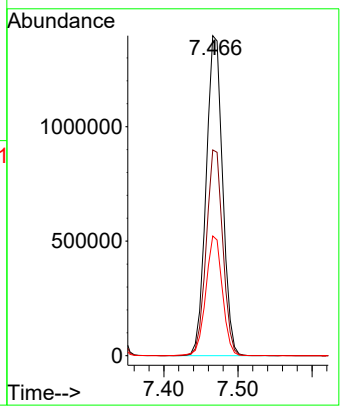


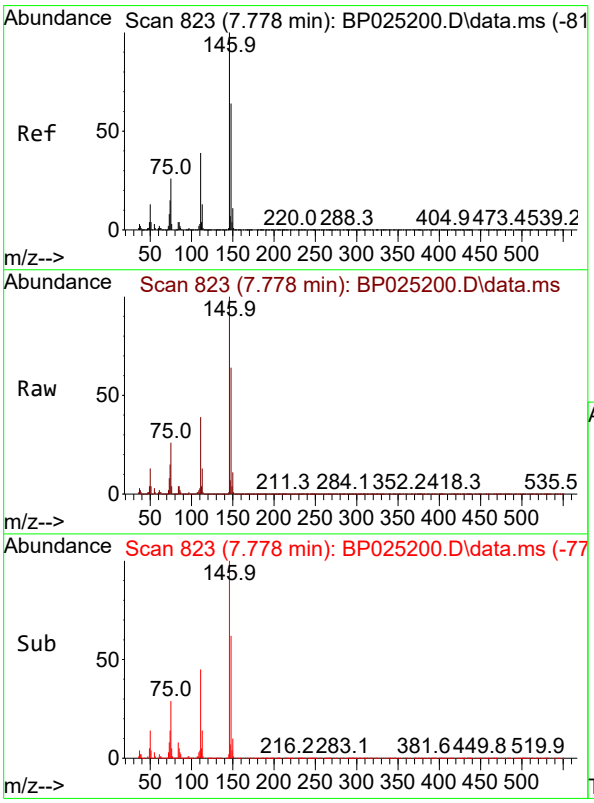
#13
1,4-Dichlorobenzene
Concen: 39.058 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 2156704

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	37.4	29.9	44.9

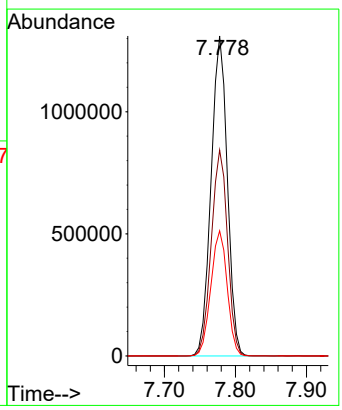


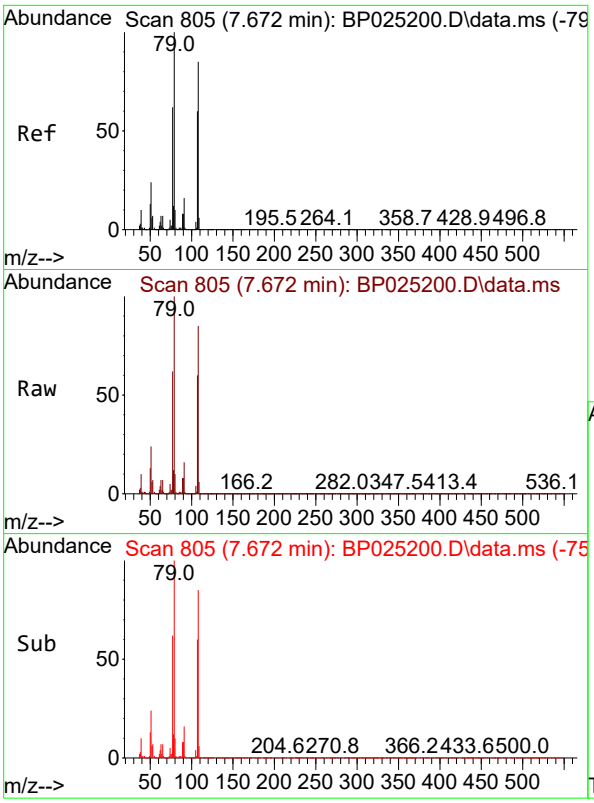


#14
1,2-Dichlorobenzene
Concen: 39.177 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2078661

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.1	31.3	46.9



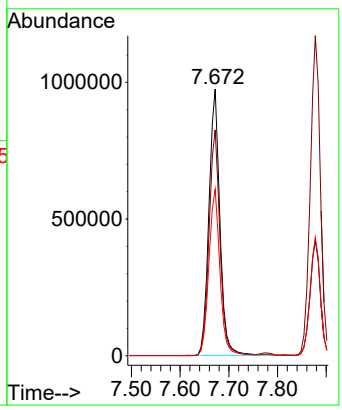


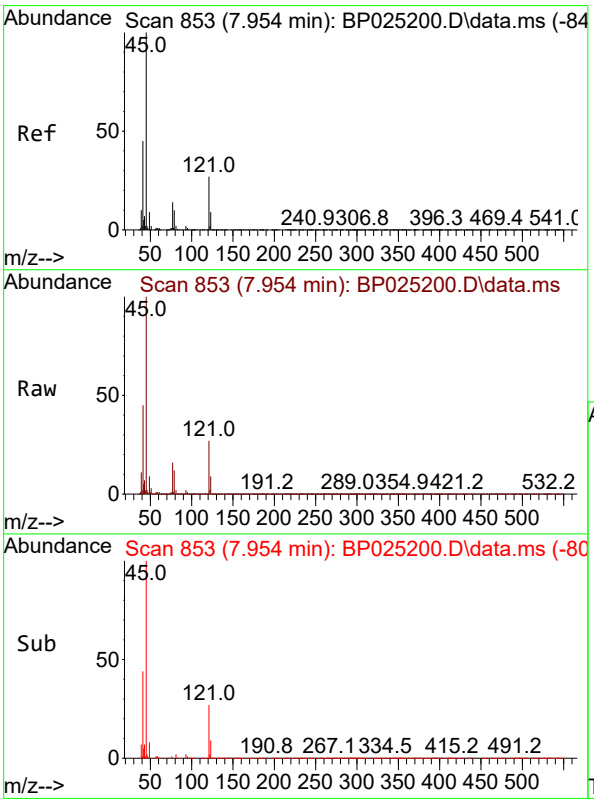
#15
Benzyl Alcohol
Concen: 40.143 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 1522703

Ion	Ratio	Lower	Upper
79	100		
108	84.7	67.8	101.6
77	62.4	49.9	74.9

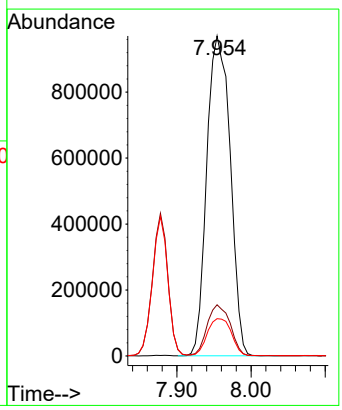


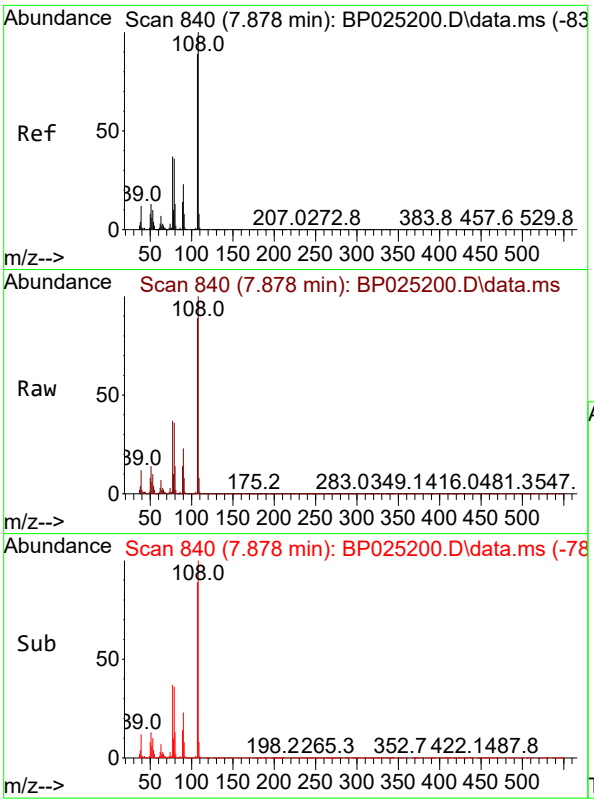


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.489 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 45 Resp: 2129397

Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	36.0
79	11.7	0.0	31.7



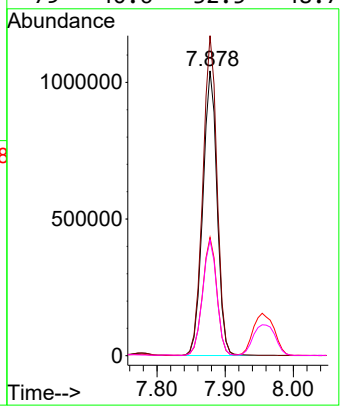


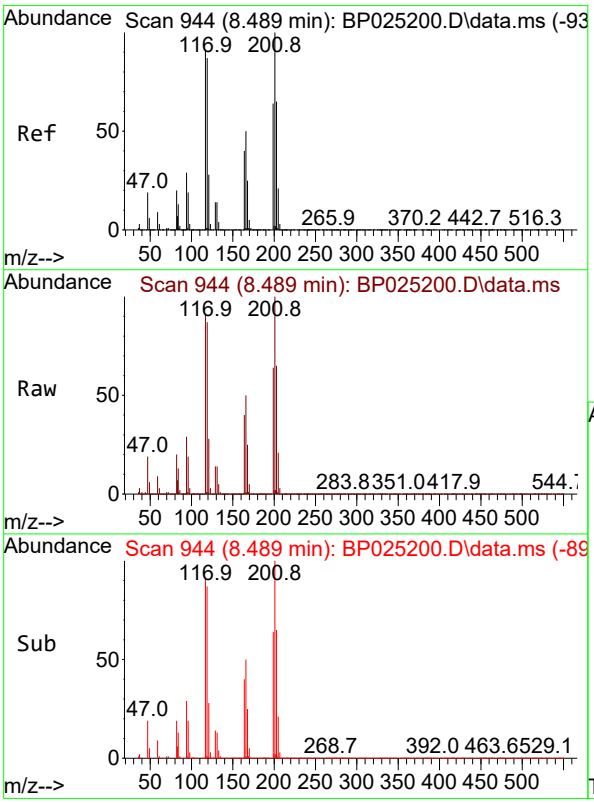
#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 1514702

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	41.5	33.2	49.8
79	40.6	32.5	48.7

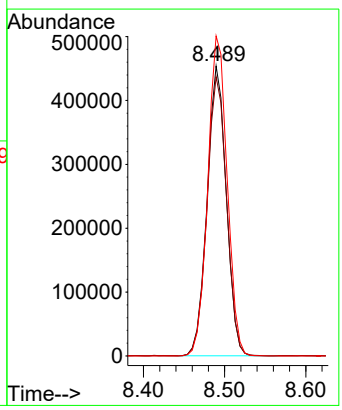


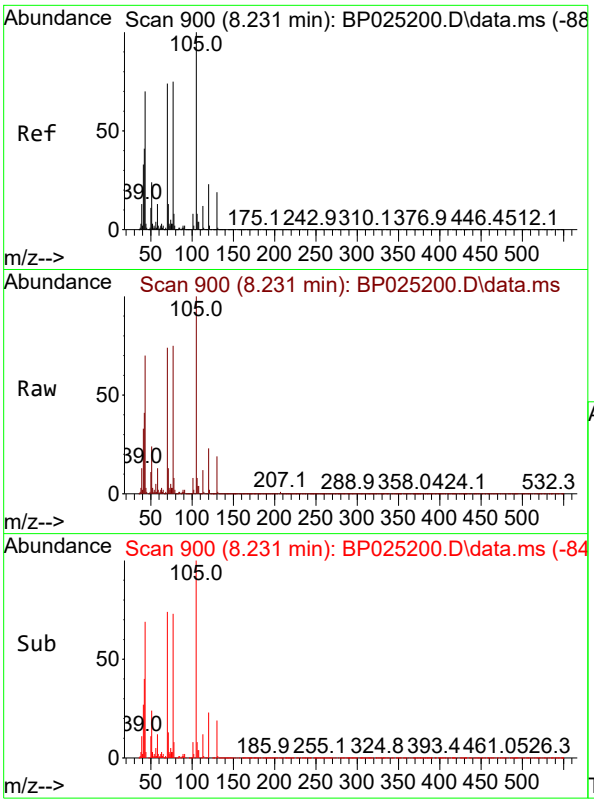


#18
Hexachloroethane
Concen: 39.515 ng
RT: 8.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:117 Resp: 745054

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	110.4	88.3	132.5



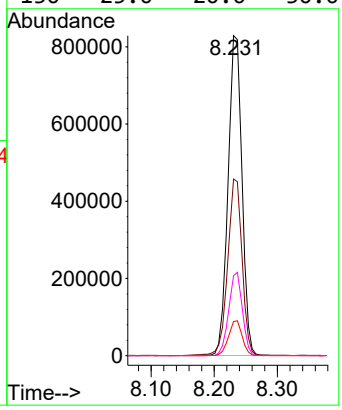


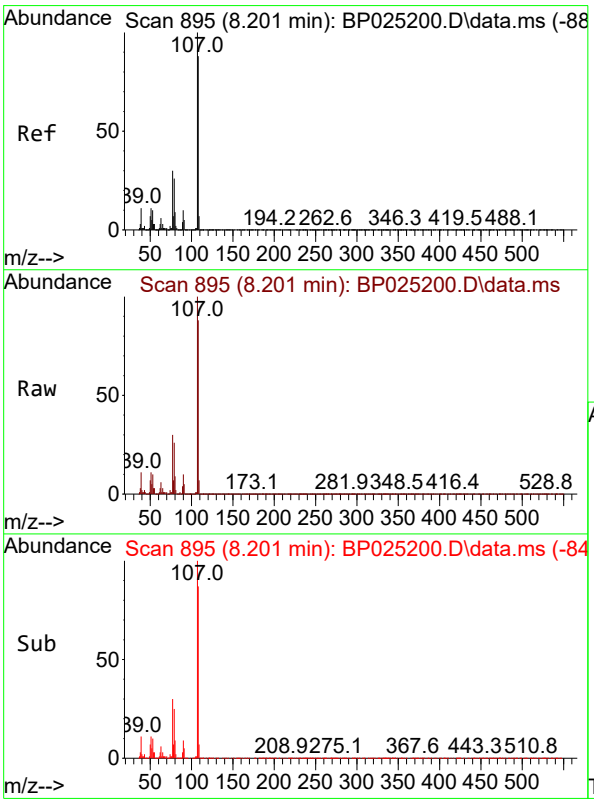
#19
n-Nitroso-di-n-propylamine
Concen: 39.862 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 1271335

Ion	Ratio	Lower	Upper
70	100		
42	55.2	44.2	66.2
101	10.7	8.6	12.8
130	25.0	20.0	30.0

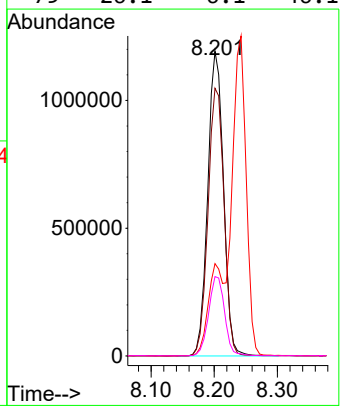


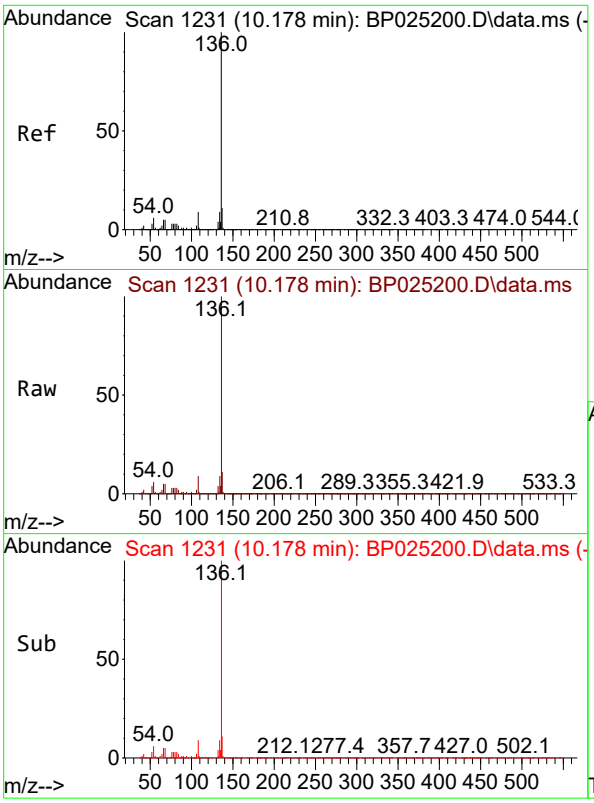


#20
3+4-Methylphenols
Concen: 39.873 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 2062504

Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	30.3	10.3	50.3
79	26.1	6.1	46.1



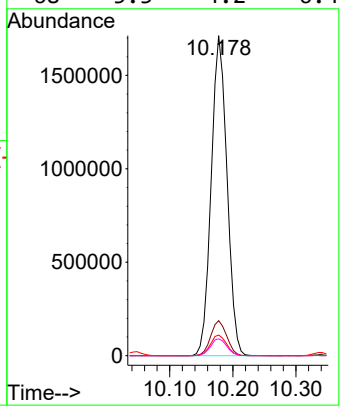


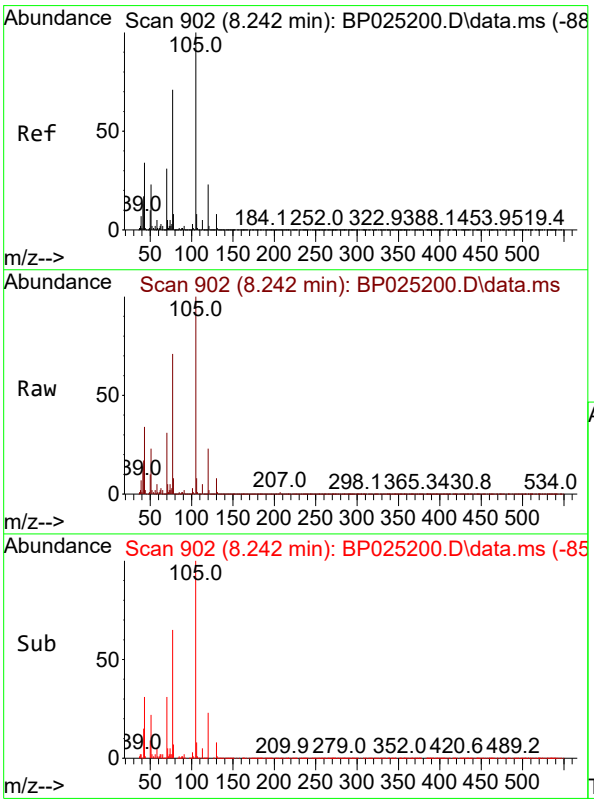
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 2975305

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.1	7.7
68	5.3	4.2	6.4

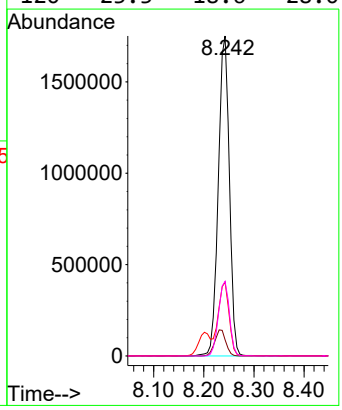


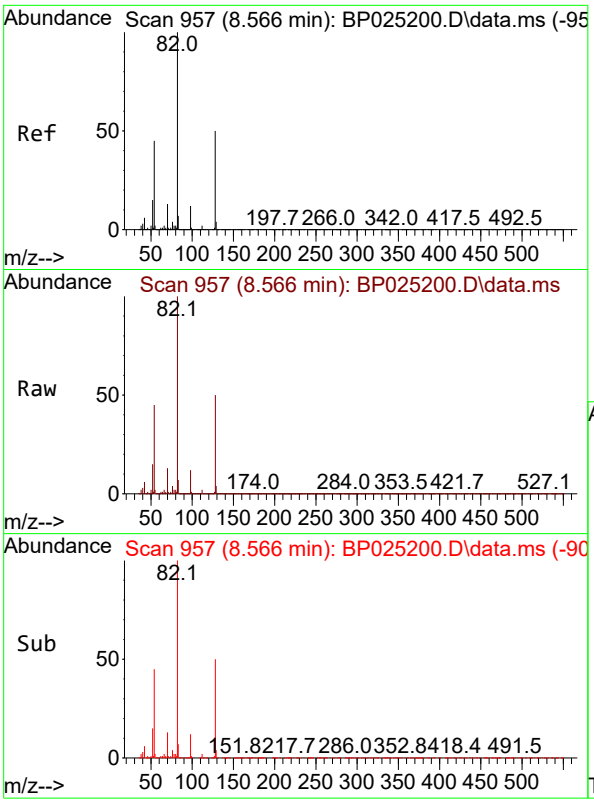


#22
Acetophenone
Concen: 37.975 ng
RT: 8.242 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:105 Resp: 2676137

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	23.1	18.5	27.7
120	23.3	18.6	28.0



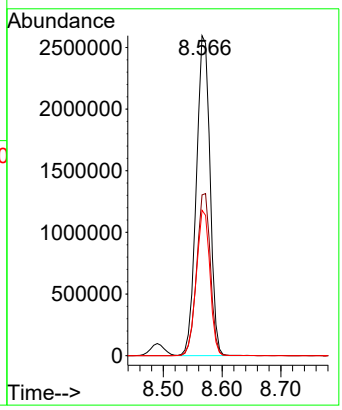


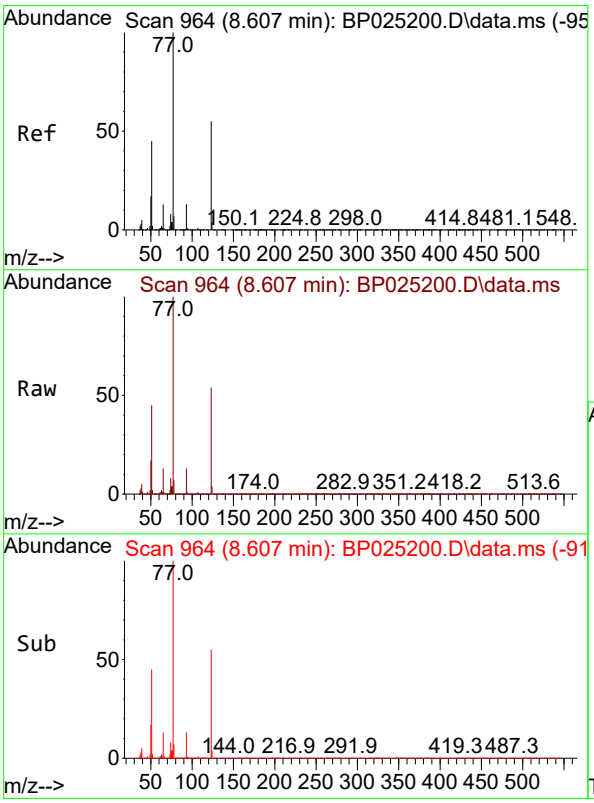
#23
Nitrobenzene-d5
Concen: 77.213 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 4190097

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.2	60.4
54	45.4	36.3	54.5

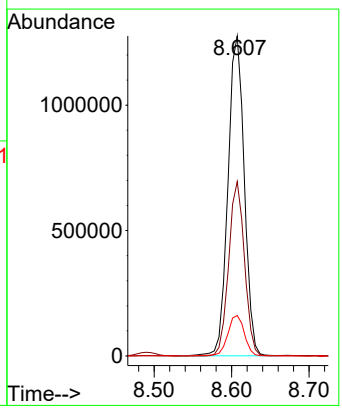


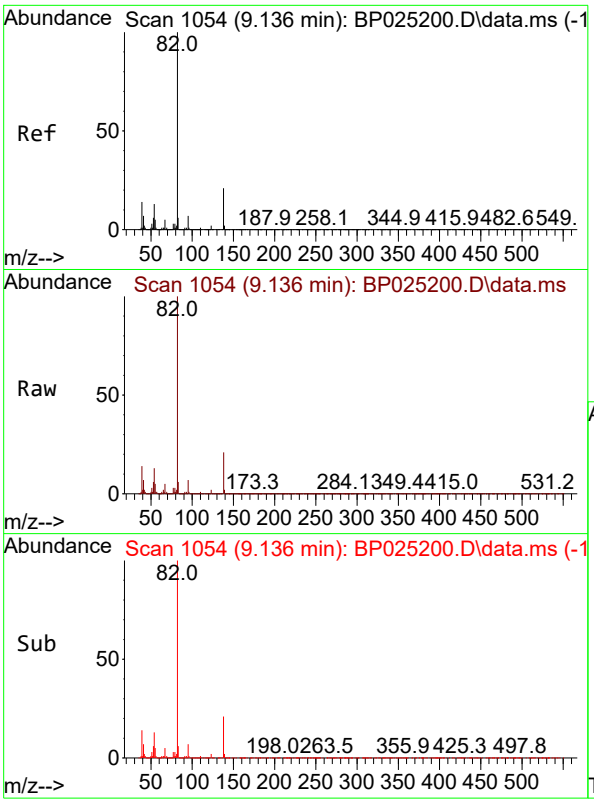


#24
Nitrobenzene
Concen: 38.831 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 77 Resp: 1867495

Ion	Ratio	Lower	Upper
77	100		
123	54.5	43.6	65.4
65	12.7	10.2	15.2



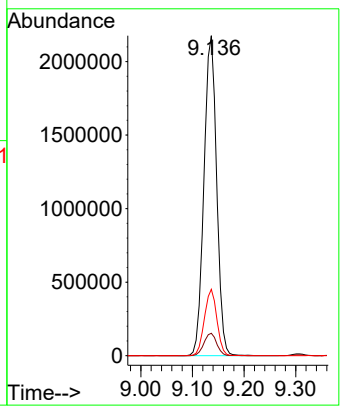


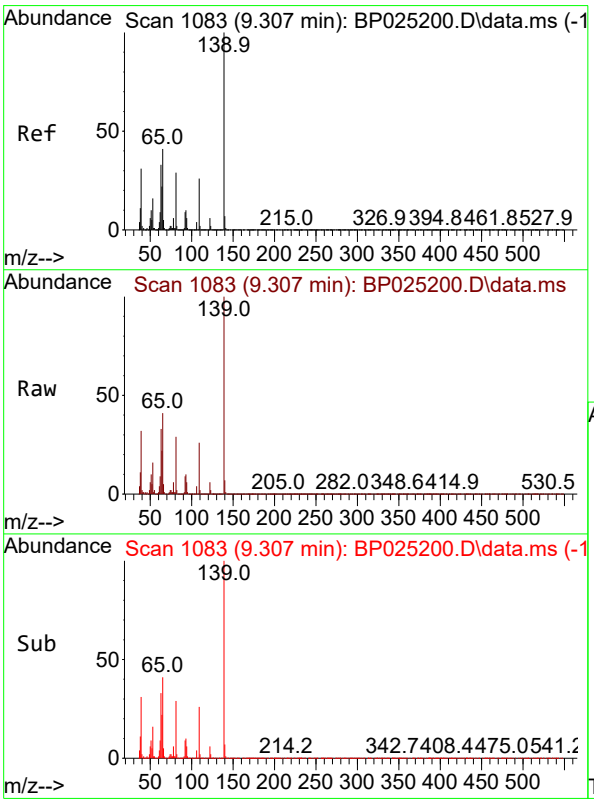
#25
Isophorone
Concen: 38.950 ng
RT: 9.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 3701878

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.8	16.6	25.0

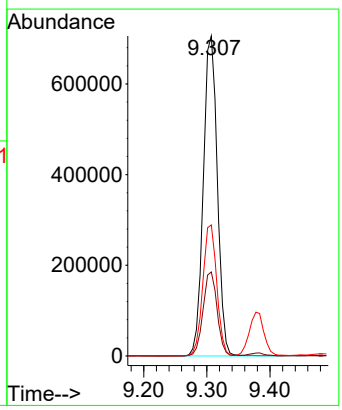


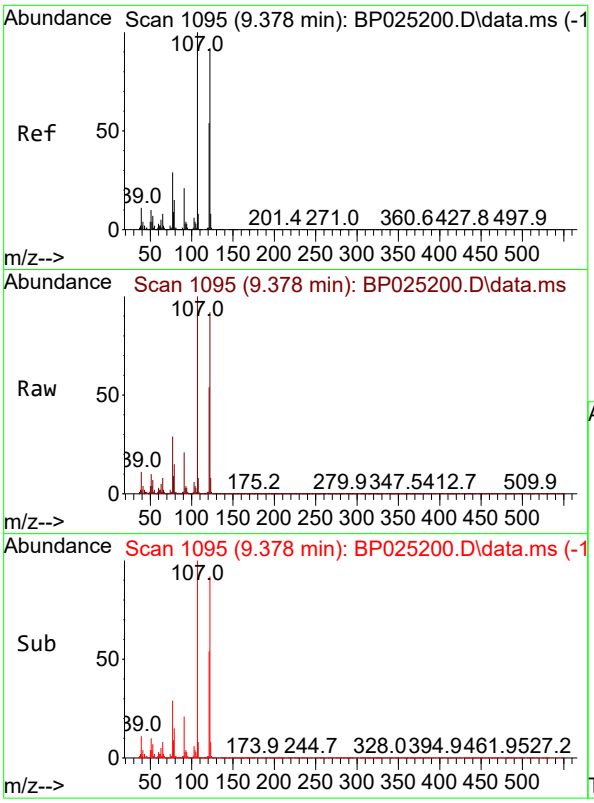


#26
2-Nitrophenol
Concen: 40.223 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1088830

Ion	Ratio	Lower	Upper
139	100		
109	26.3	21.0	31.6
65	40.9	32.7	49.1



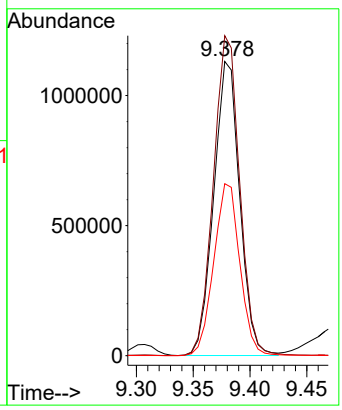


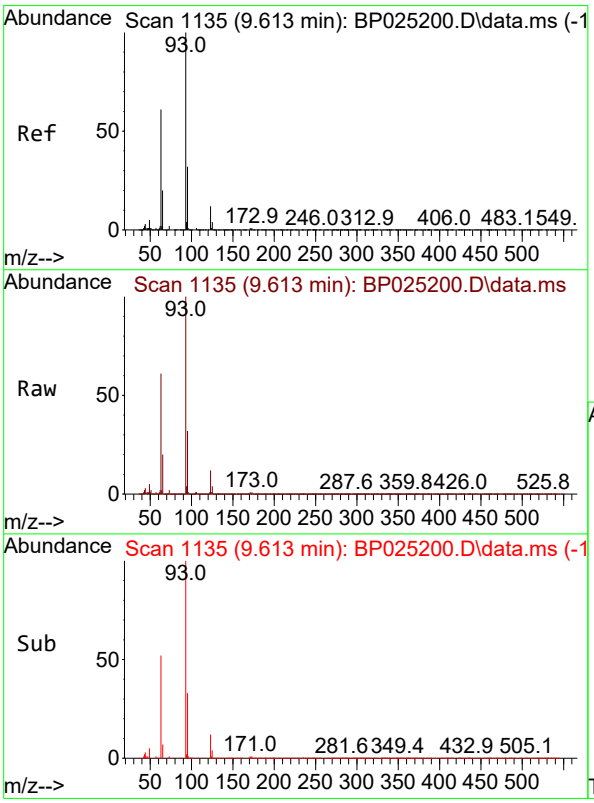
#27
2,4-Dimethylphenol
Concen: 39.091 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 1801438

Ion	Ratio	Lower	Upper
122	100		
107	108.7	87.0	130.4
121	58.4	46.7	70.1

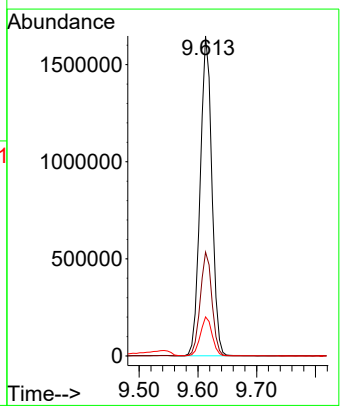


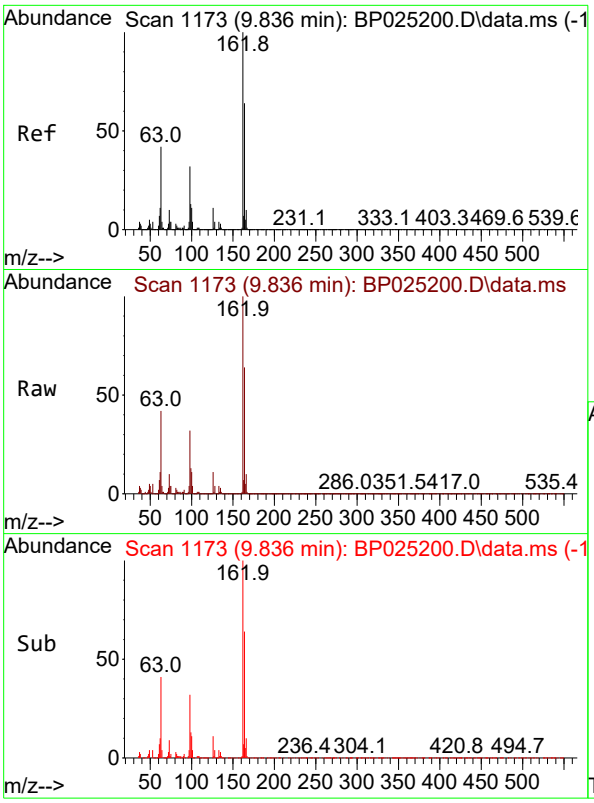


#28
bis(2-Chloroethoxy)methane
Concen: 38.192 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2278849

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.2	9.8	14.6



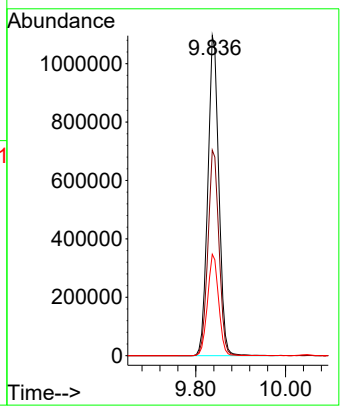


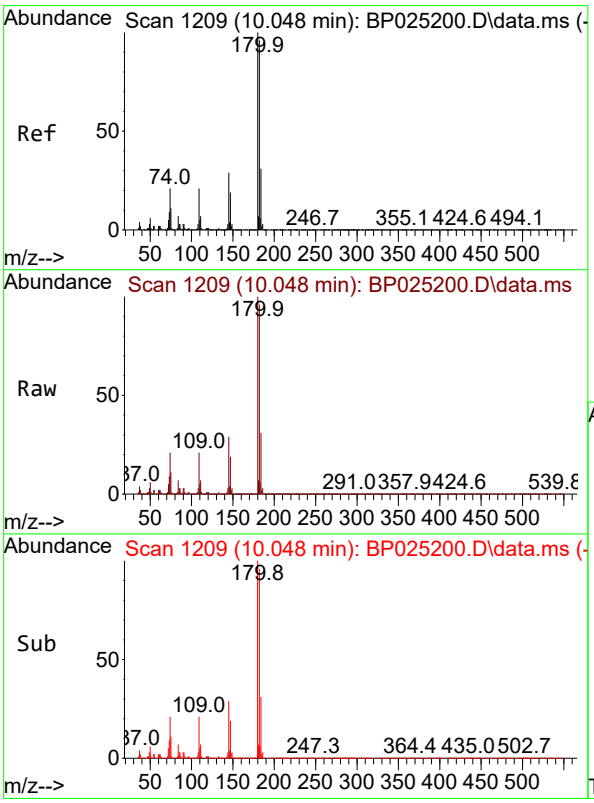
#29
2,4-Dichlorophenol
Concen: 39.421 ng
RT: 9.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1863258

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	31.7	11.7	51.7

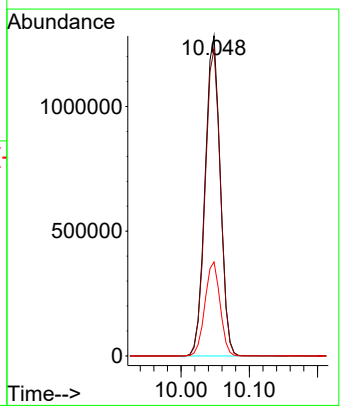


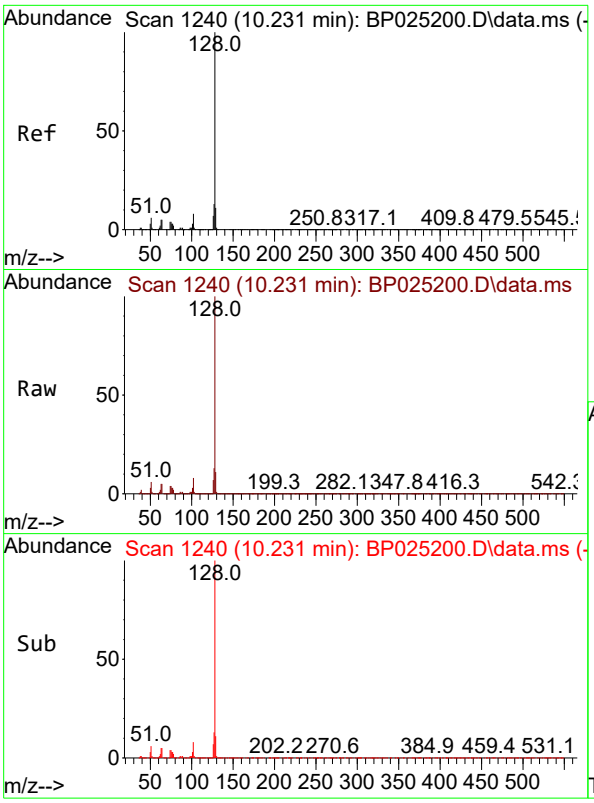


#30
1,2,4-Trichlorobenzene
Concen: 38.213 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:180 Resp: 1987412

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.4	23.5	35.3



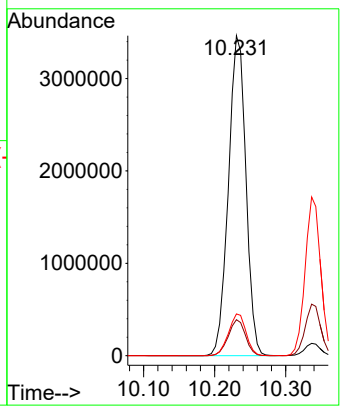


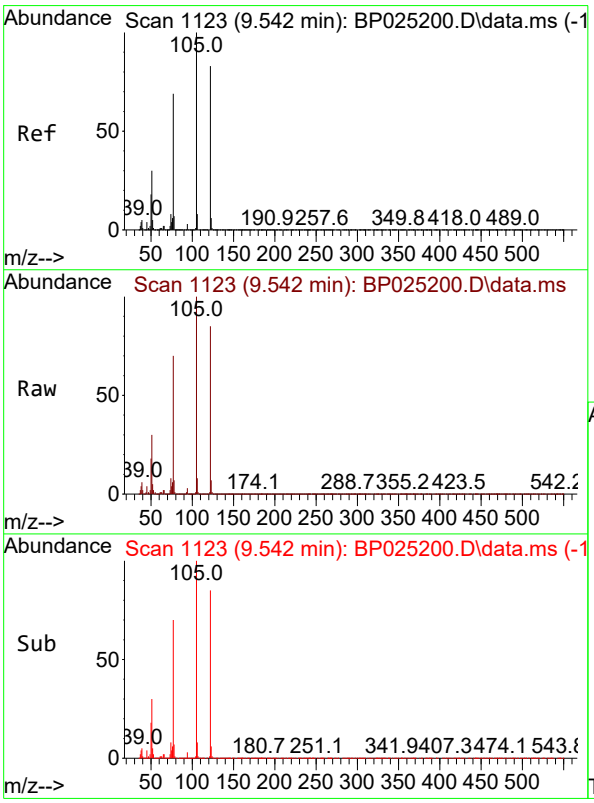
#31
Naphthalene
Concen: 38.257 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 5927872

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6

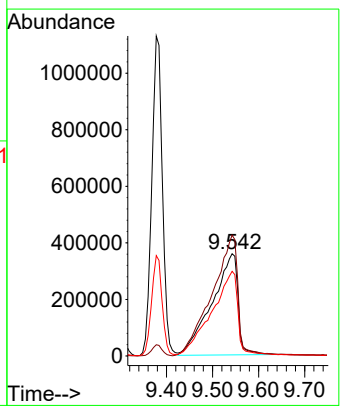


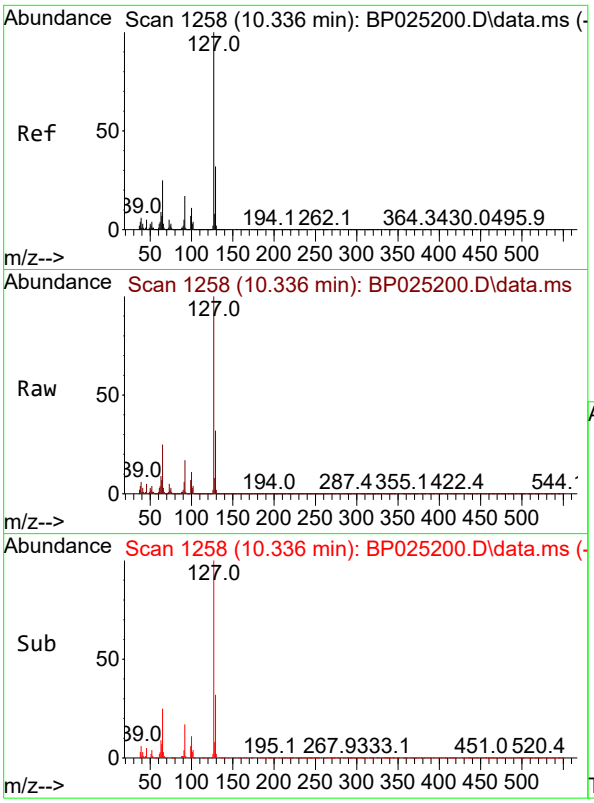


#32
Benzoic acid
Concen: 41.555 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:122 Resp: 1398585

Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.1	138.1
77	82.7	62.7	102.7



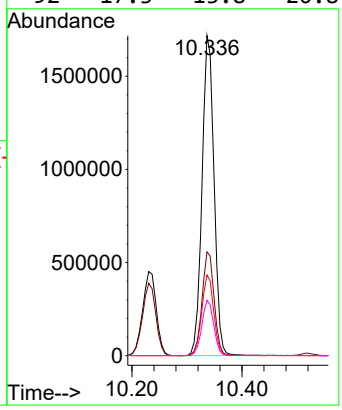


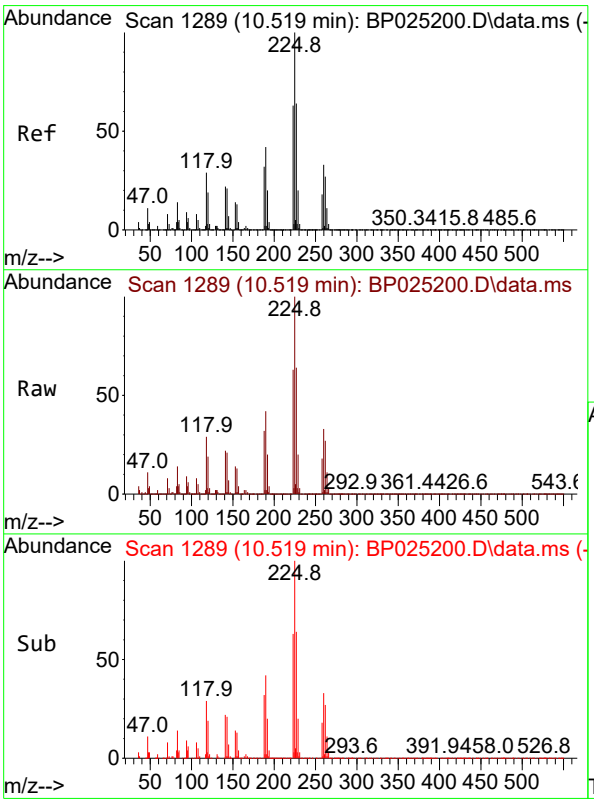
#33
4-Chloroaniline
Concen: 38.702 ng
RT: 10.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 2603764

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.3	20.2	30.4
92	17.3	13.8	20.8

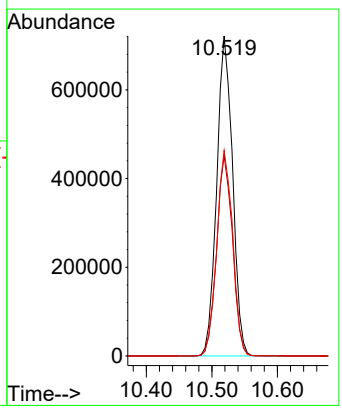


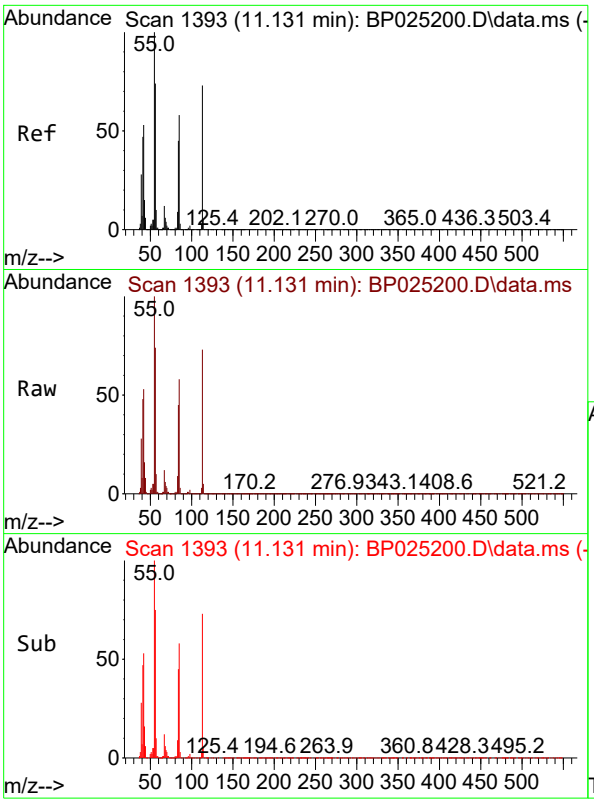


#34
Hexachlorobutadiene
Concen: 38.619 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:225 Resp: 1206197

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.2	51.4	77.0



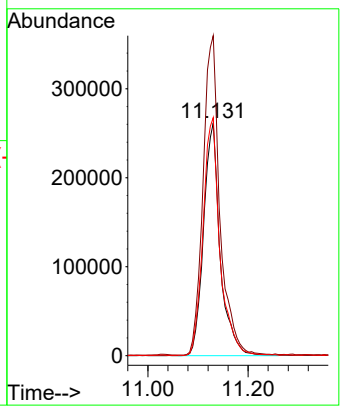


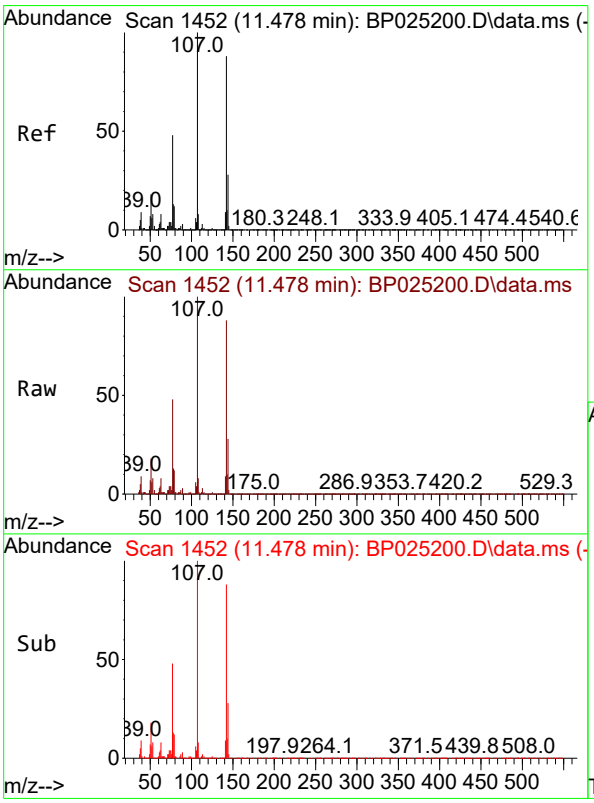
#35
Caprolactam
Concen: 38.538 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 599453

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	102.4	82.4	122.4

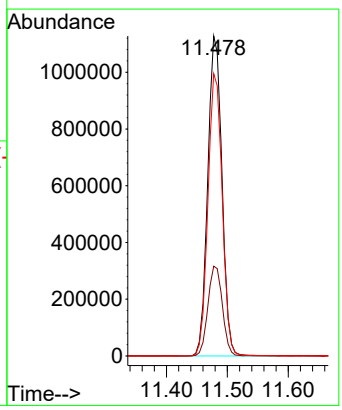


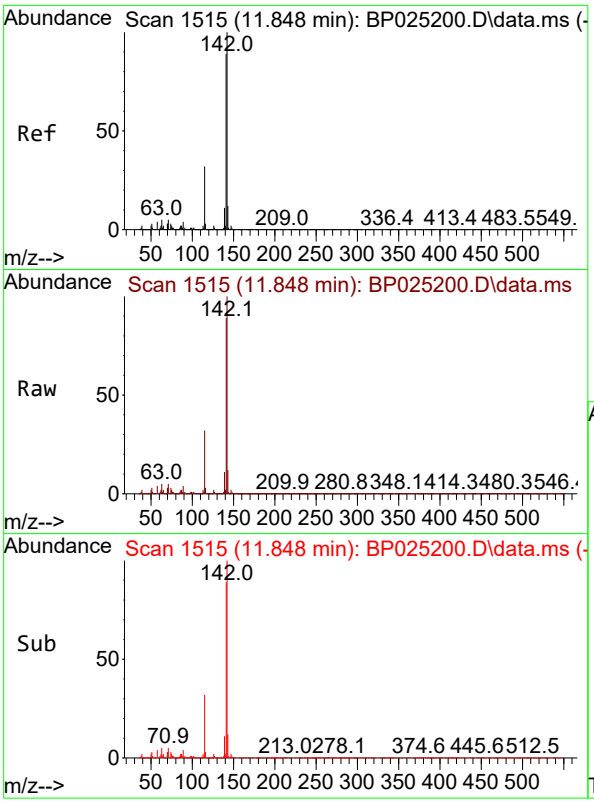


#36
4-Chloro-3-methylphenol
Concen: 38.647 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 1824293

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.5	33.7
142	88.2	70.6	105.8



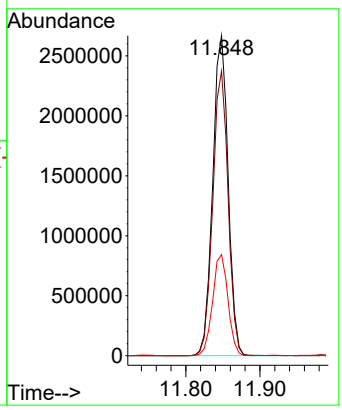


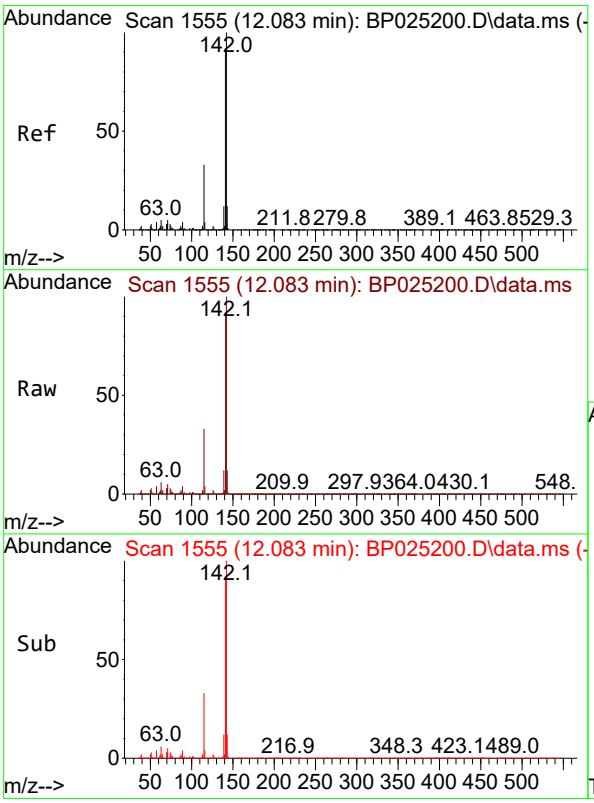
#37
2-Methylnaphthalene
Concen: 38.356 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 3843978

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	31.6	25.3	37.9

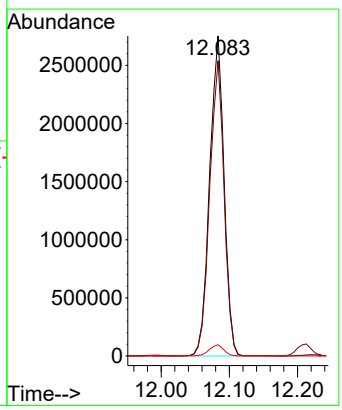


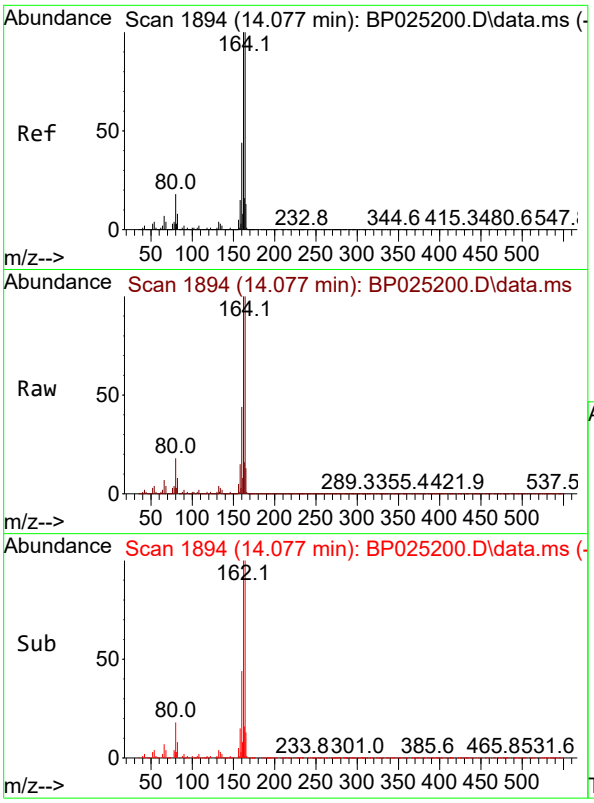


#38
1-Methylnaphthalene
Concen: 38.363 ng
RT: 12.083 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:142 Resp: 4055024

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
116	3.5	2.8	4.2



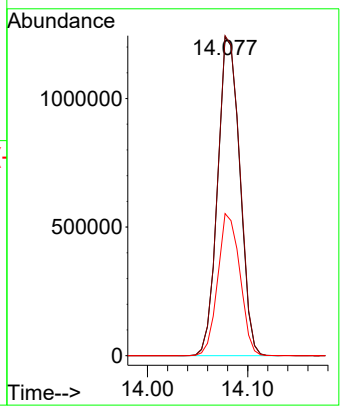


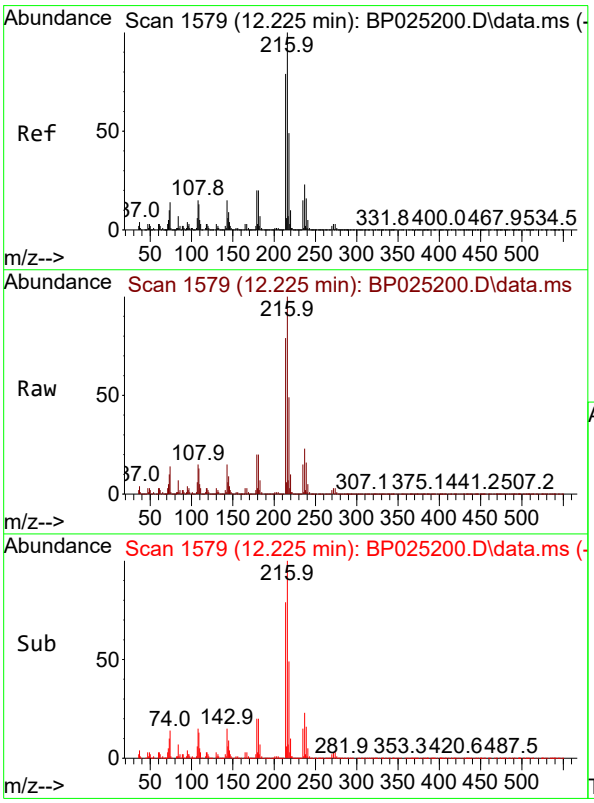
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.077 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 1899529

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.6	35.7	53.5

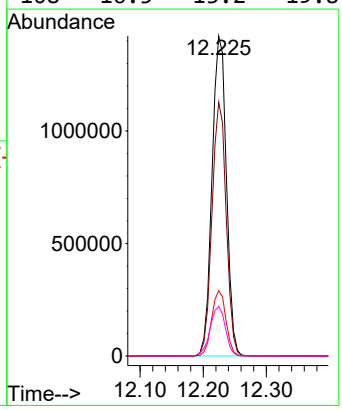


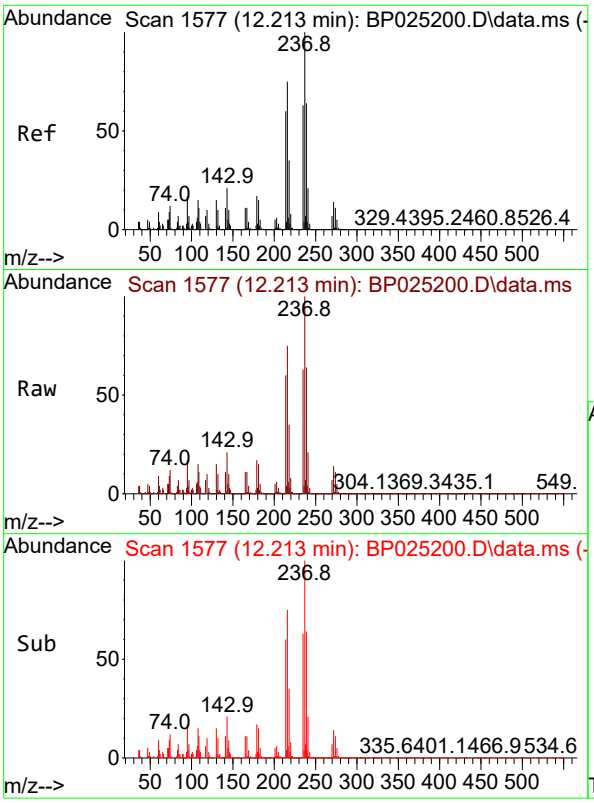


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.948 ng
RT: 12.225 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:216 Resp: 2240439

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
179	20.3	16.2	24.4
108	16.5	13.2	19.8



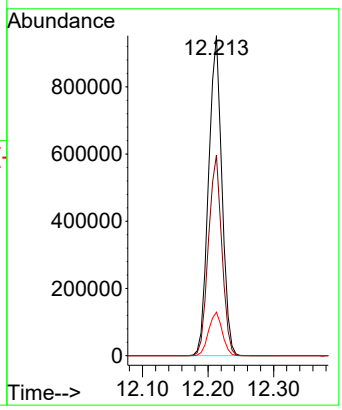


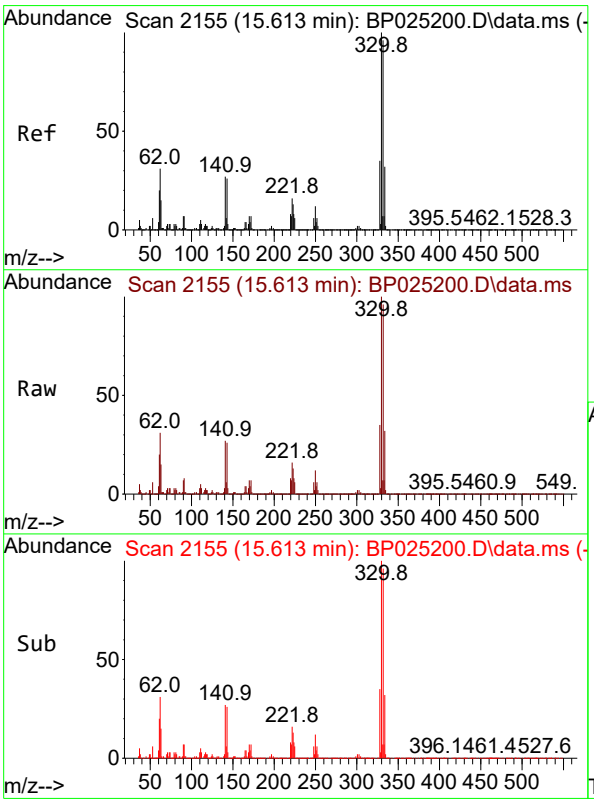
#41
Hexachlorocyclopentadiene
Concen: 41.195 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 1343791

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.6	0.0	33.6

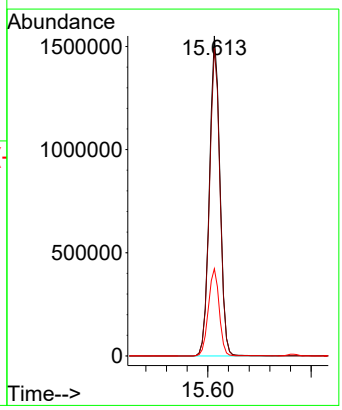


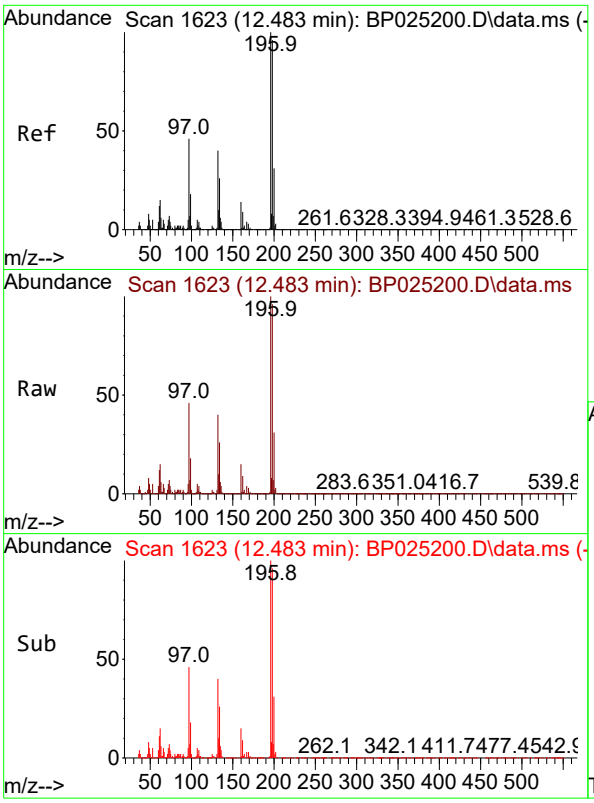


#42
2,4,6-Tribromophenol
Concen: 77.351 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:330 Resp: 2184856

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.0	22.4	33.6



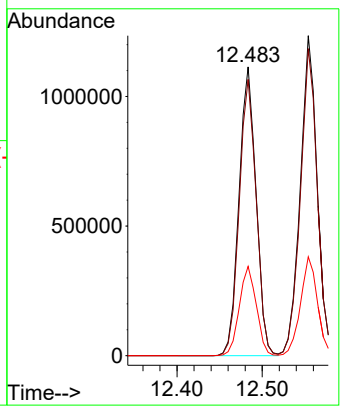


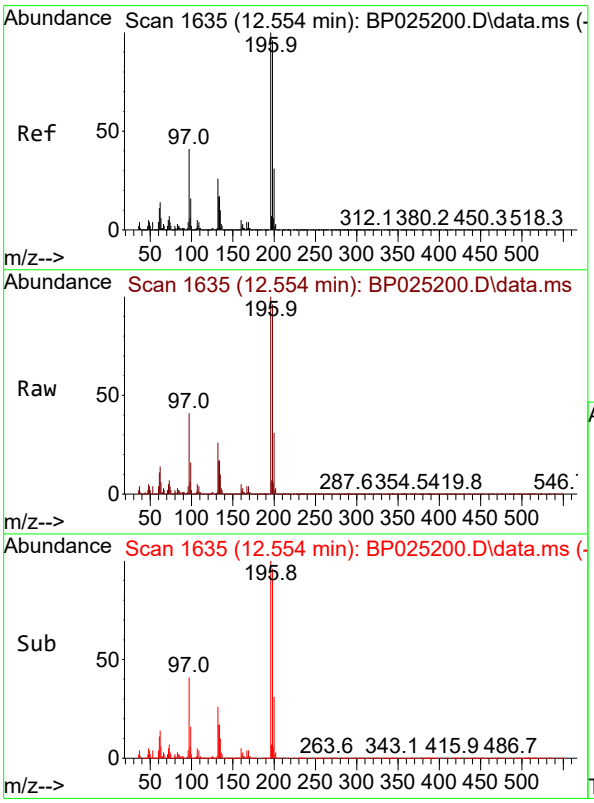
#43
2,4,6-Trichlorophenol
Concen: 39.840 ng
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 1548524

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
200	30.9	24.7	37.1

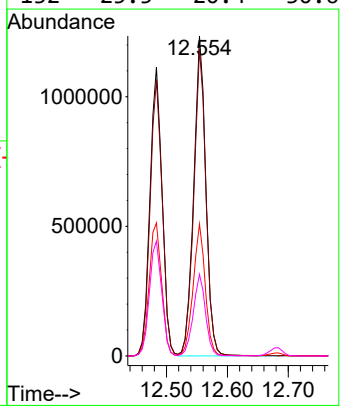


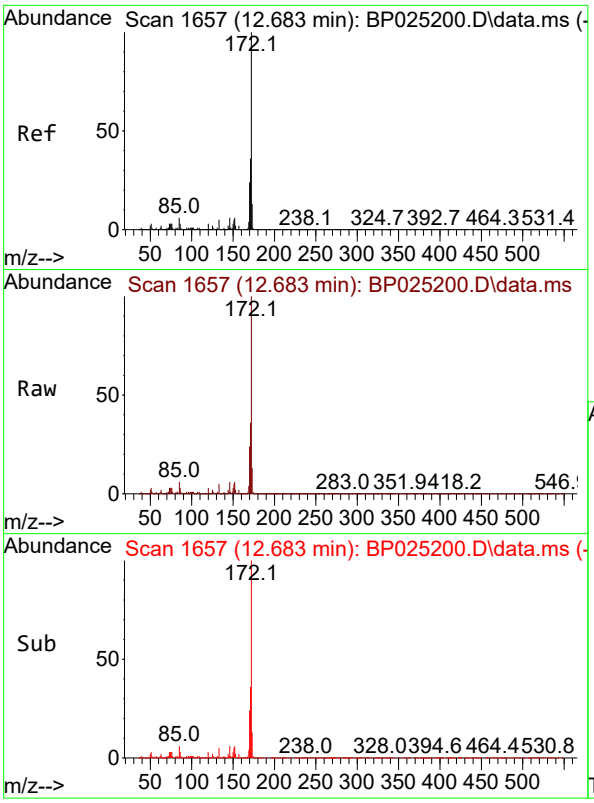


#44
2,4,5-Trichlorophenol
Concen: 39.918 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:196 Resp: 1710200

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	41.2	33.0	49.4
132	25.5	20.4	30.6



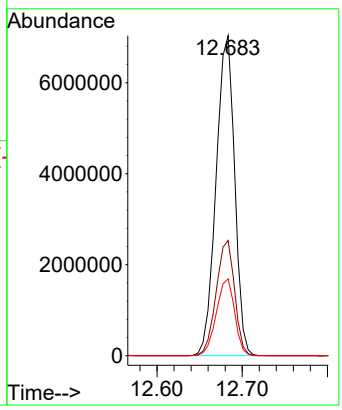


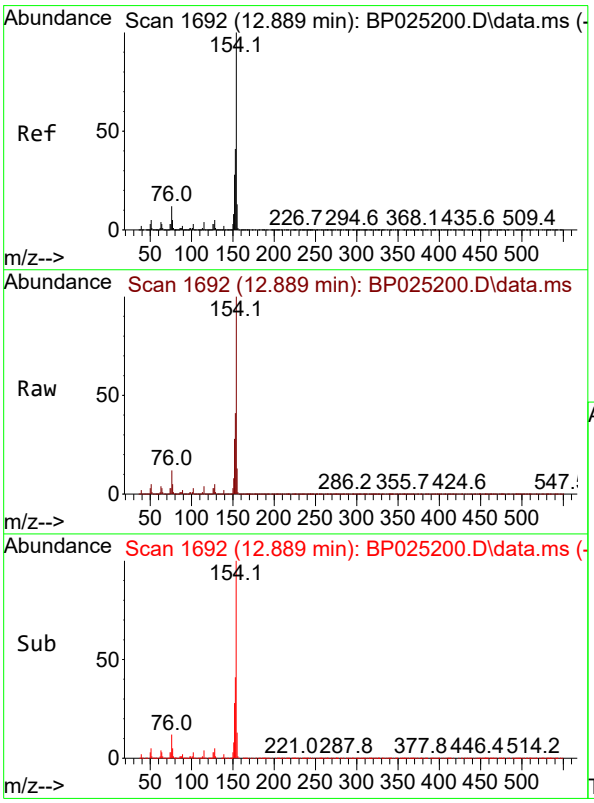
#45
2-Fluorobiphenyl
Concen: 74.204 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp:10646823

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.0	19.2	28.8

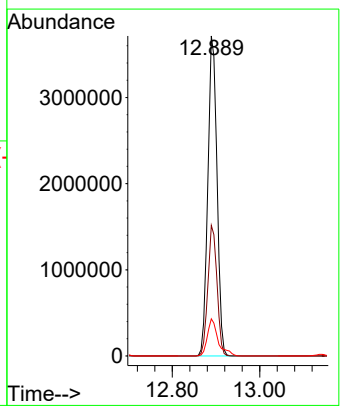


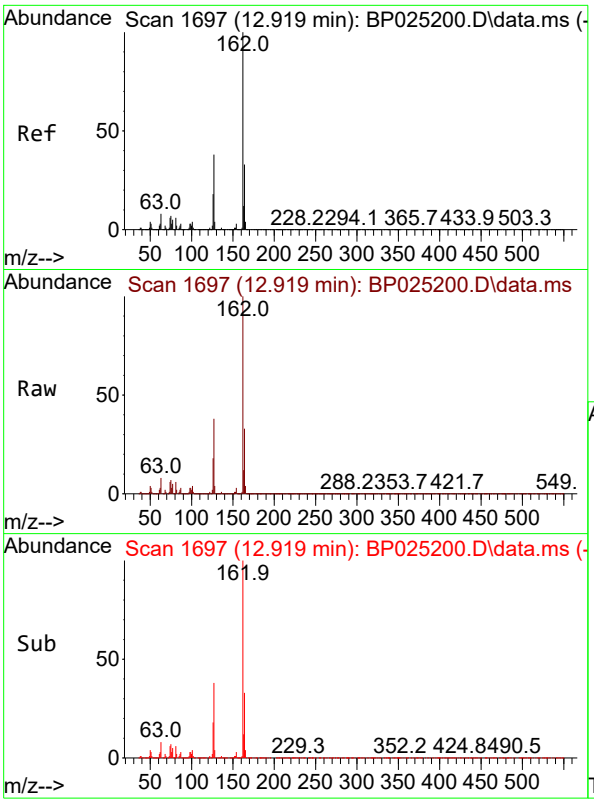


#46
1,1'-Biphenyl
Concen: 38.574 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 5417896

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.6	0.0	31.6



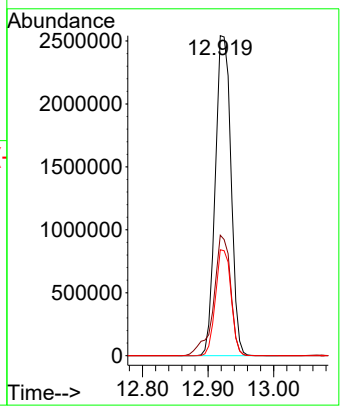


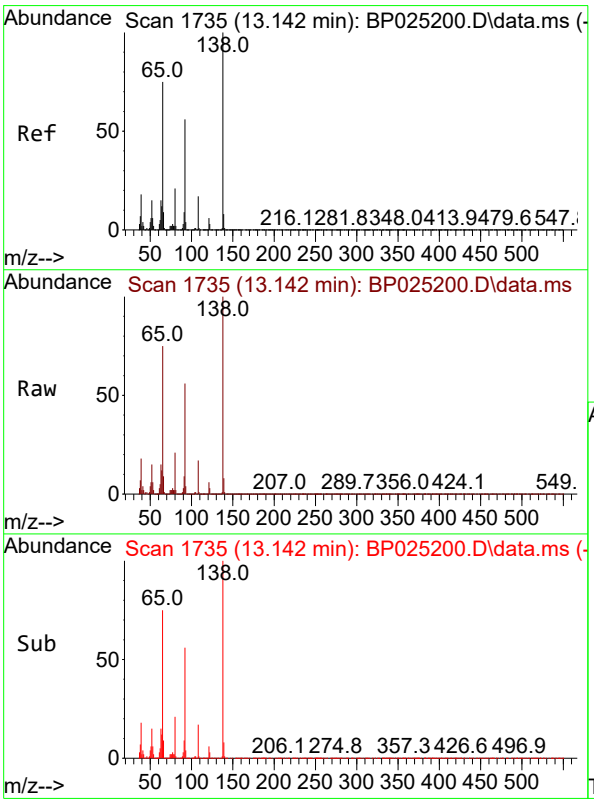
#47
2-Chloronaphthalene
Concen: 38.548 ng
RT: 12.919 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 4194712

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	33.1	26.5	39.7

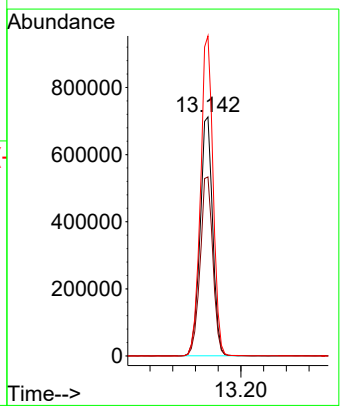


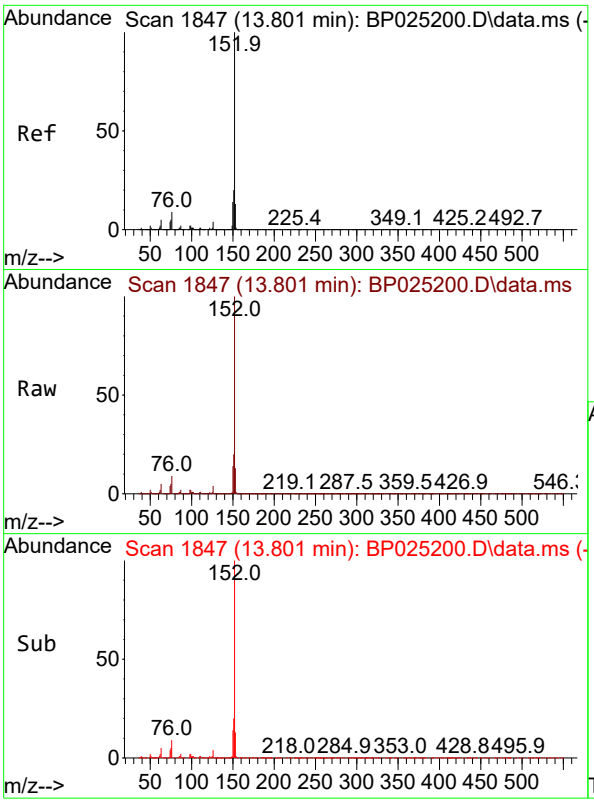


#48
2-Nitroaniline
Concen: 39.999 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 65 Resp: 1091815

Ion	Ratio	Lower	Upper
65	100		
92	74.9	59.9	89.9
138	133.9	107.1	160.7



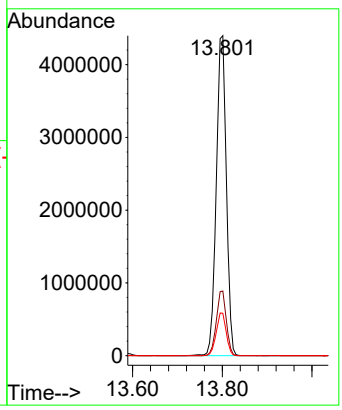


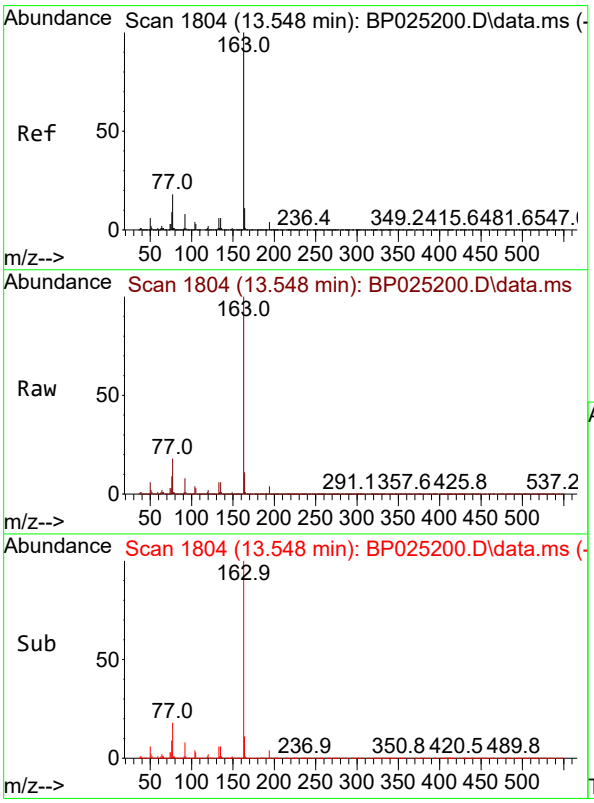
#49
Acenaphthylene
Concen: 38.510 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 6871857

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

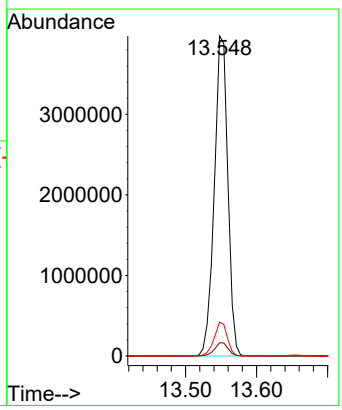


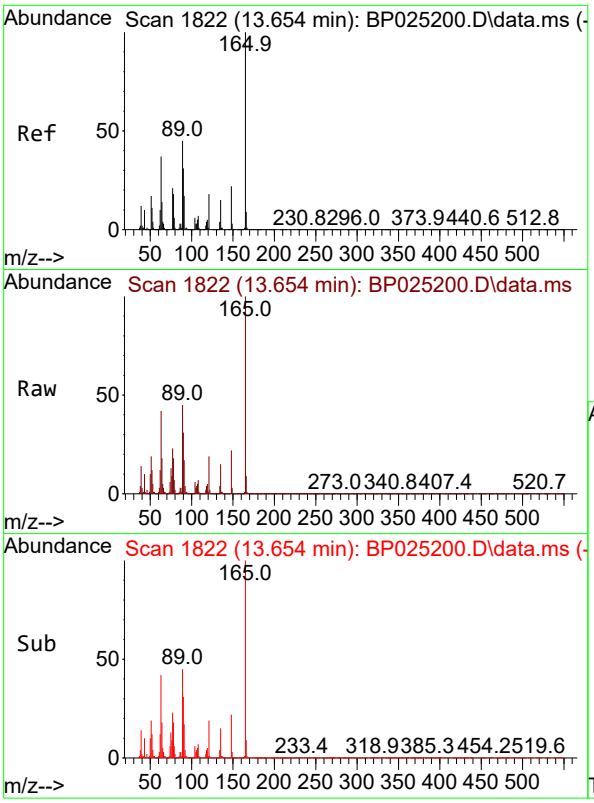


#50
Dimethylphthalate
Concen: 37.775 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:163 Resp: 5235471

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	8.5	12.7



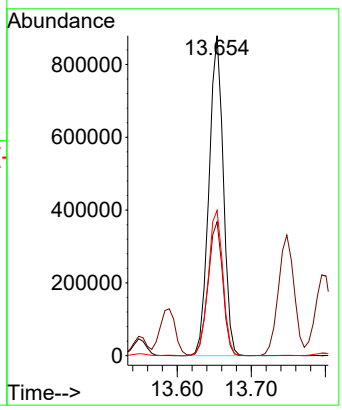


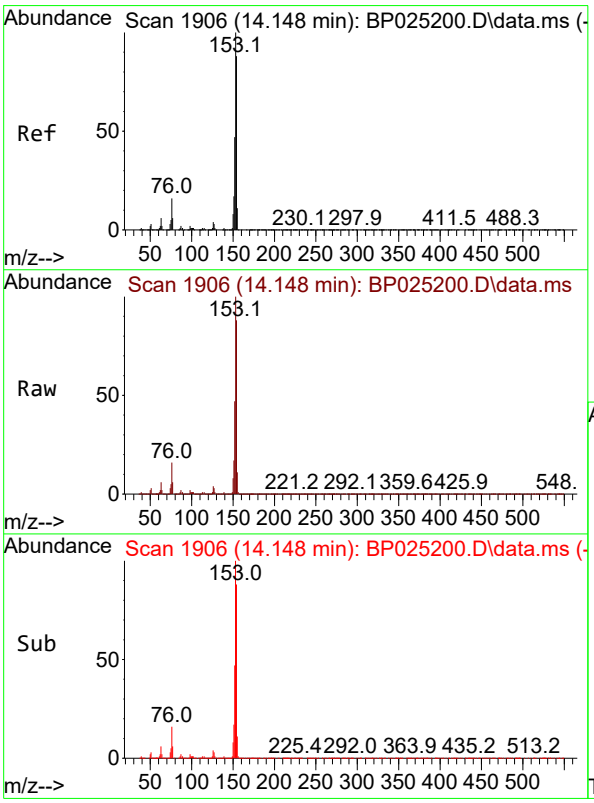
#51
2,6-Dinitrotoluene
Concen: 40.101 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 1176482

Ion	Ratio	Lower	Upper
165	100		
63	41.8	33.4	50.2
89	45.4	36.3	54.5

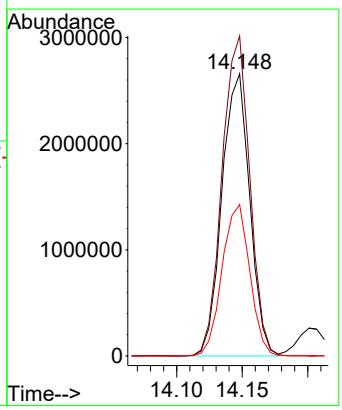


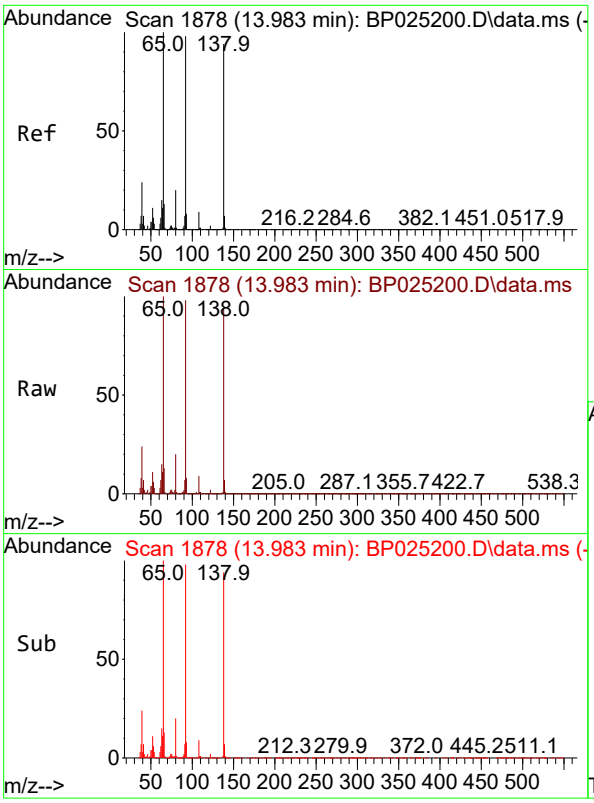


#52
Acenaphthene
Concen: 38.081 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 3914560

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	53.6	42.9	64.3



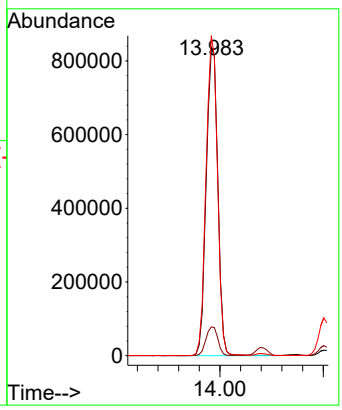


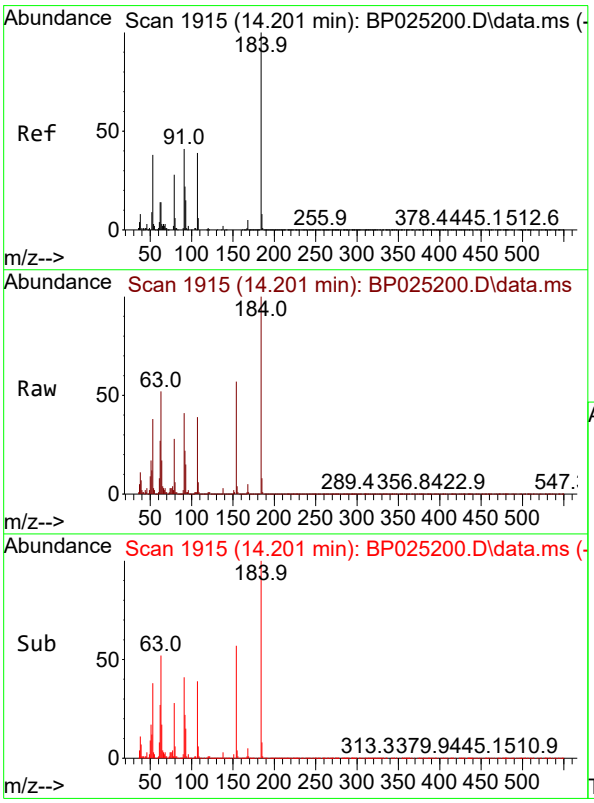
#53
3-Nitroaniline
Concen: 39.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 1298241

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.5	11.3
92	104.0	83.2	124.8

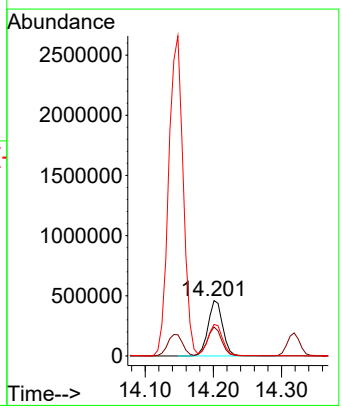


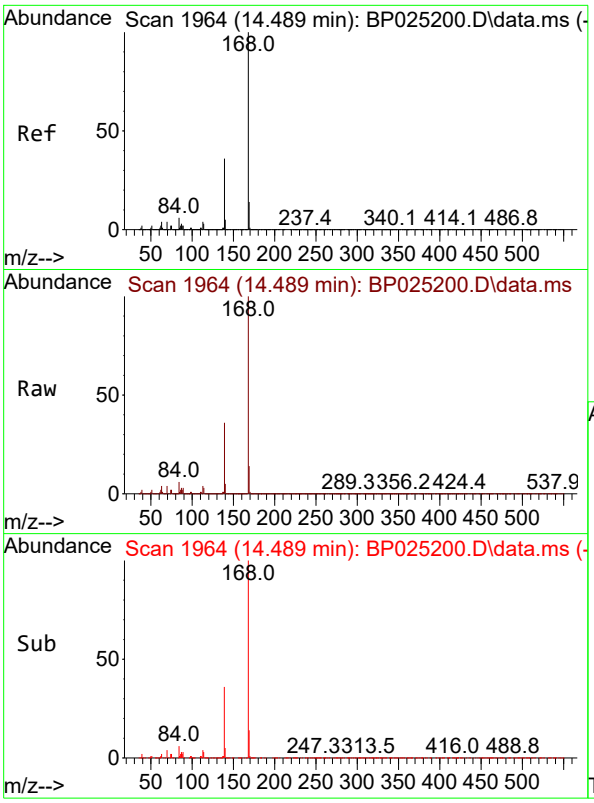


#54
2,4-Dinitrophenol
Concen: 41.732 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:184 Resp: 686084

Ion	Ratio	Lower	Upper
184	100		
63	52.3	41.8	62.8
154	57.1	45.7	68.5



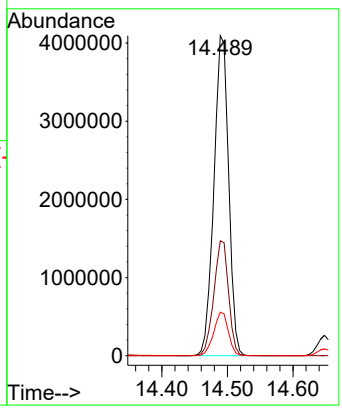


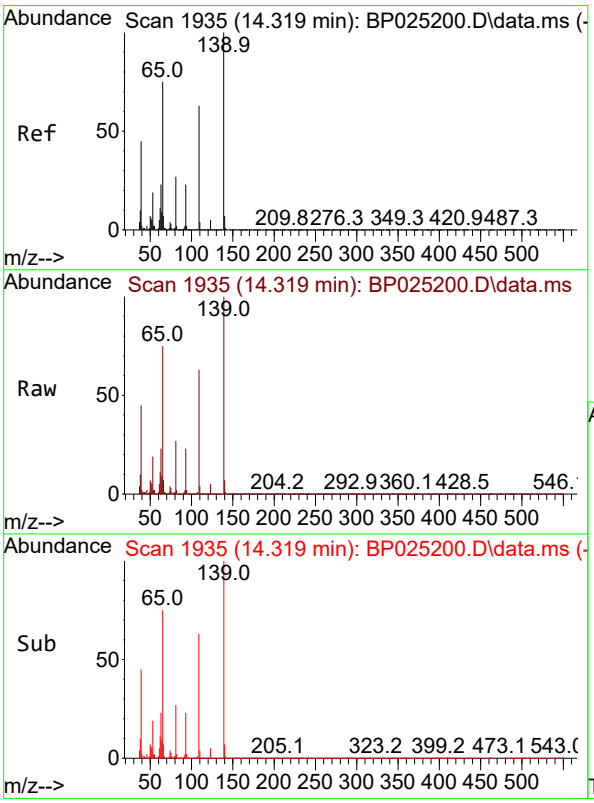
#55
Dibenzofuran
Concen: 38.268 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 6369097

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.7	43.1
169	13.6	10.9	16.3

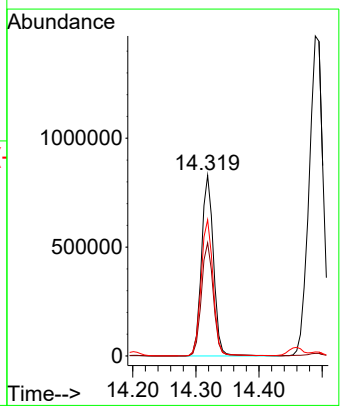


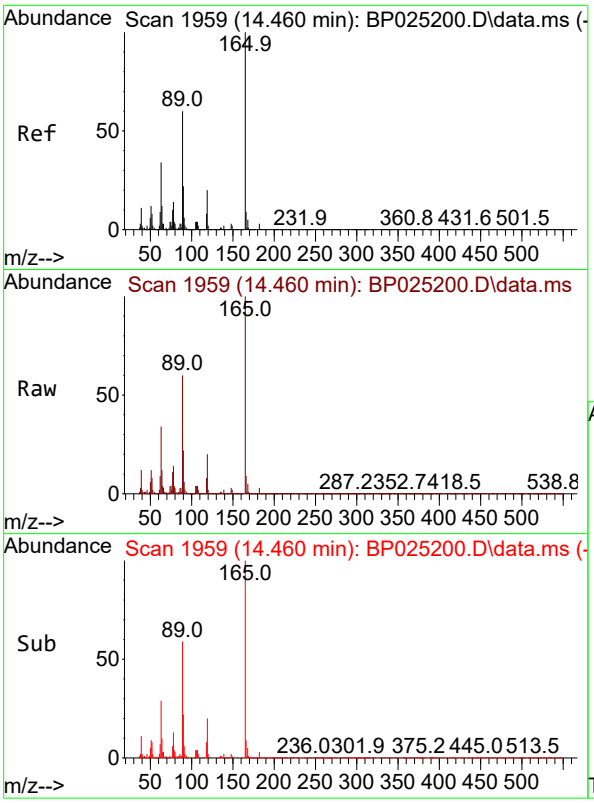


#56
4-Nitrophenol
Concen: 38.906 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1097489

Ion	Ratio	Lower	Upper
139	100		
109	62.6	42.6	82.6
65	75.4	55.4	95.4



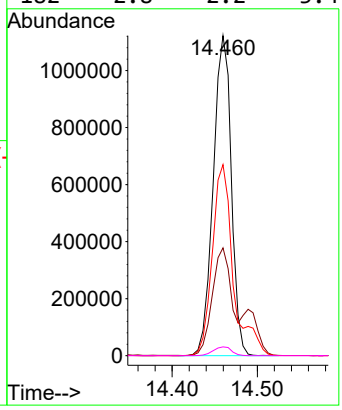


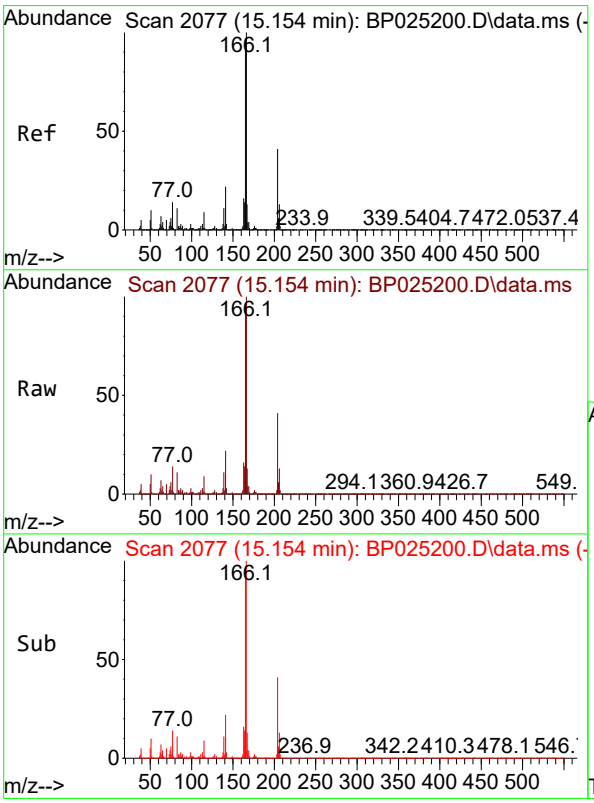
#57
2,4-Dinitrotoluene
Concen: 40.384 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 1650569

Ion	Ratio	Lower	Upper
165	100		
63	33.7	27.0	40.4
89	59.7	47.8	71.6
182	2.8	2.2	3.4

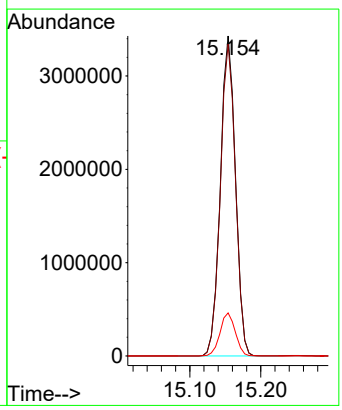


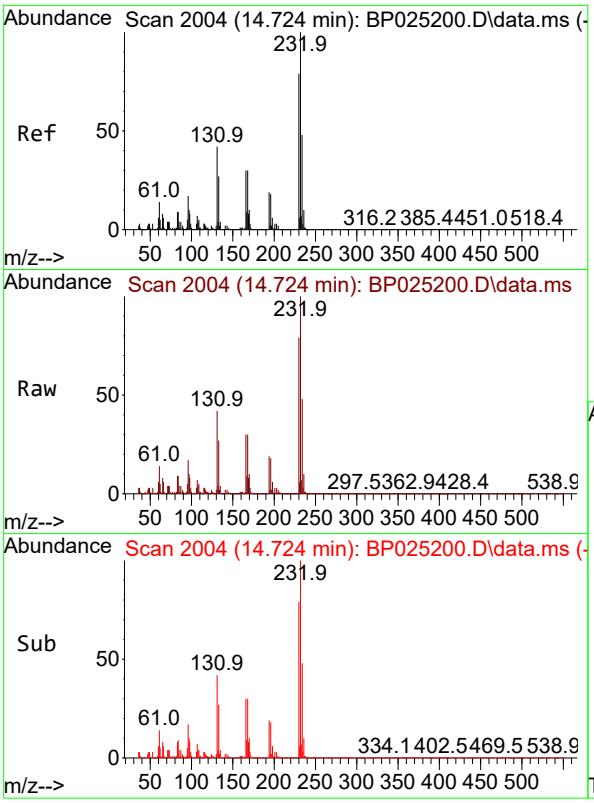


#58
Fluorene
Concen: 37.965 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:166 Resp: 5039793

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.4	10.7	16.1



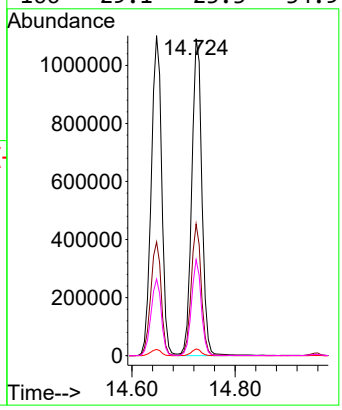


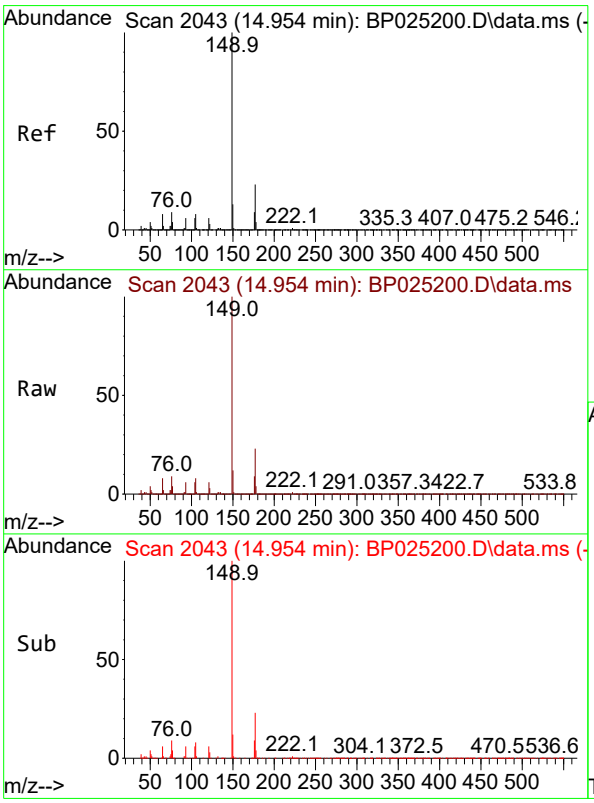
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.155 ng
RT: 14.724 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 1484995

Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.6	48.8
130	2.0	1.6	2.4
166	29.1	23.3	34.9

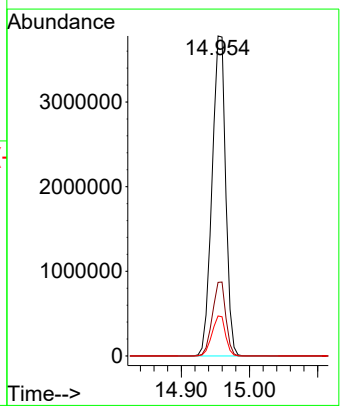


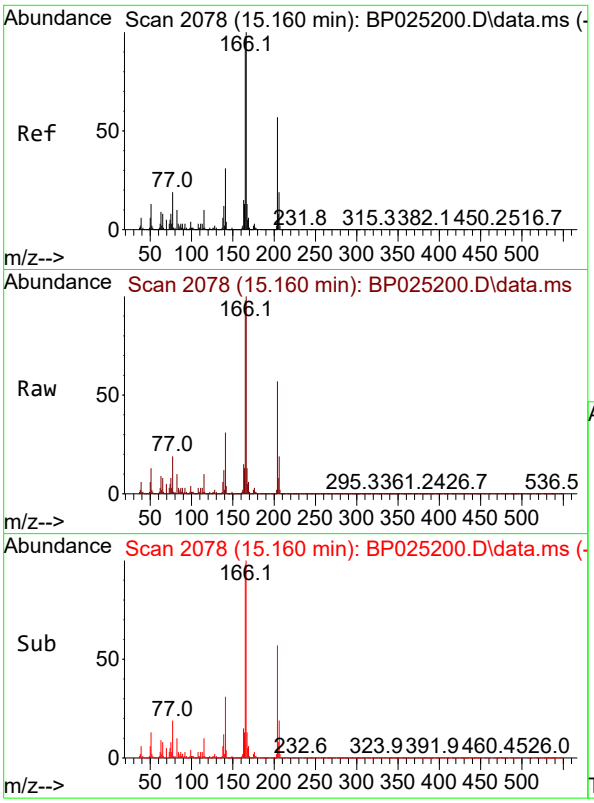


#60
Diethylphthalate
Concen: 38.266 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5240206

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	12.5	10.0	15.0



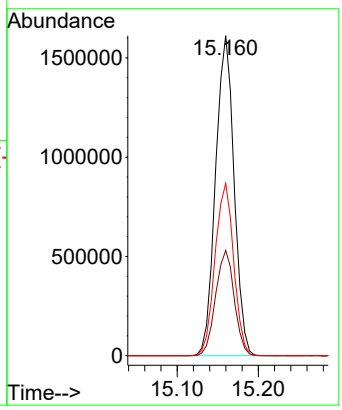


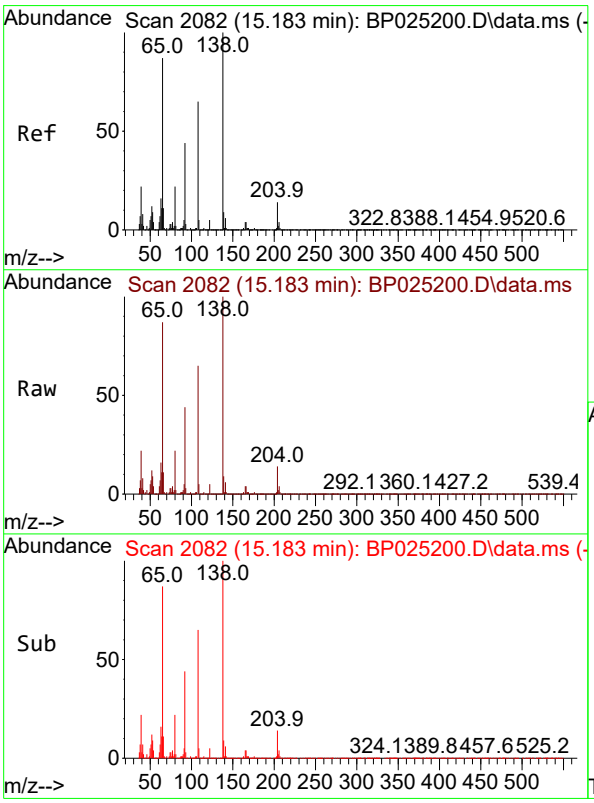
#61
4-Chlorophenyl-phenylether
Concen: 38.212 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 2556797

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	53.8	43.0	64.6

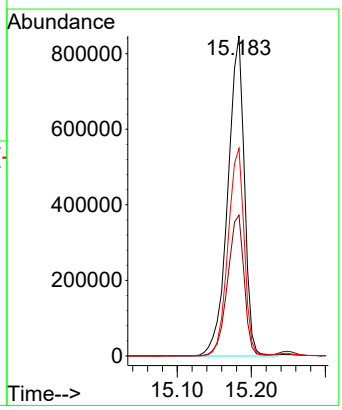


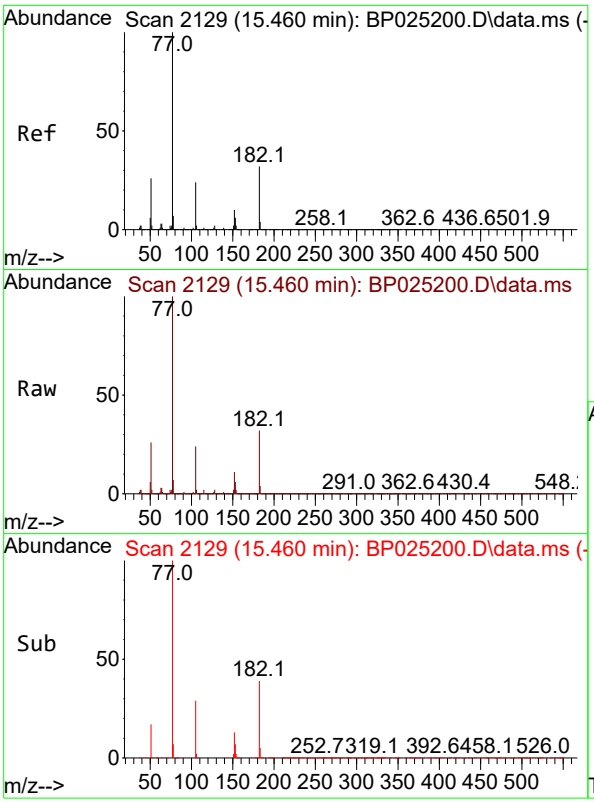


#62
4-Nitroaniline
Concen: 39.018 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:138 Resp: 1316167

Ion	Ratio	Lower	Upper
138	100		
92	44.0	24.0	64.0
108	64.9	44.9	84.9



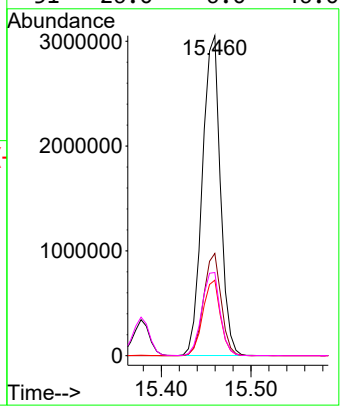


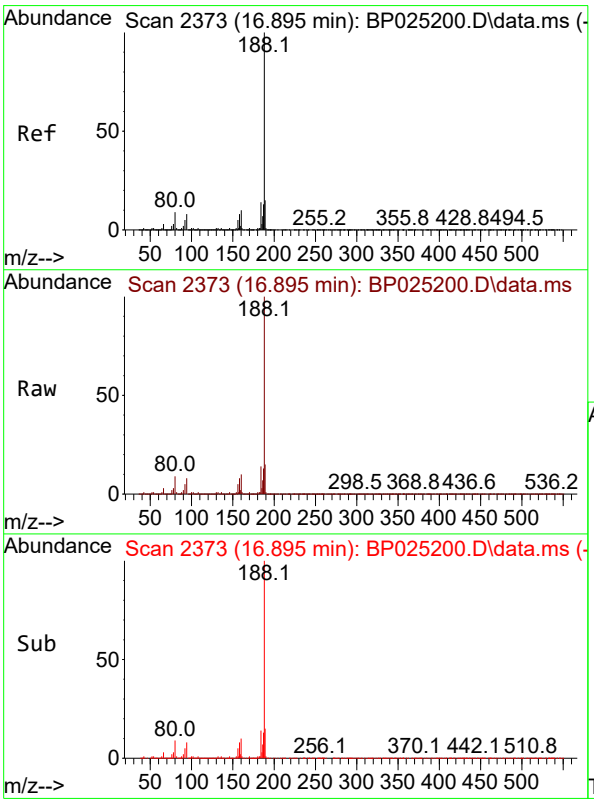
#63
Azobenzene
Concen: 38.711 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 4258175

Ion	Ratio	Lower	Upper
77	100		
182	32.0	12.0	52.0
105	23.6	3.6	43.6
51	26.0	6.0	46.0

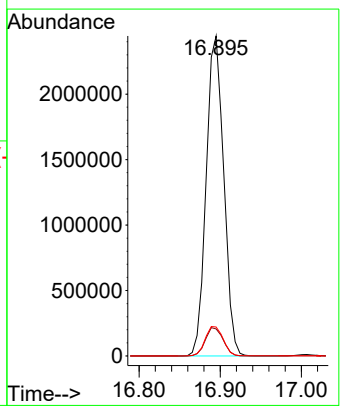


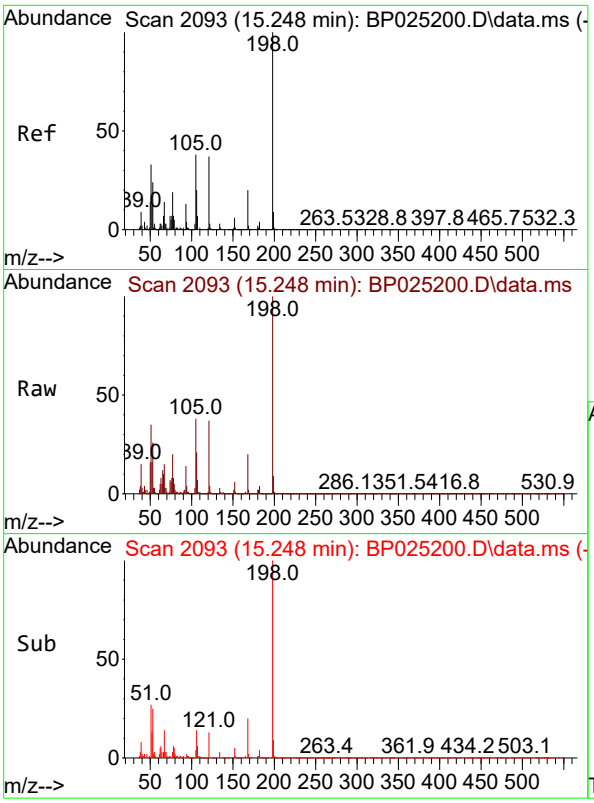


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:188 Resp: 3663221

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.3	10.9



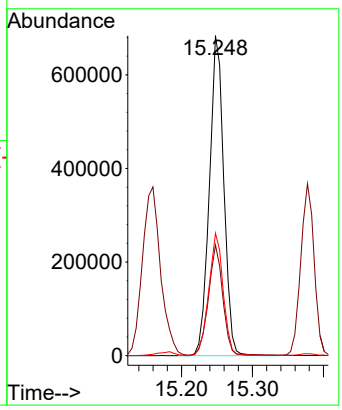


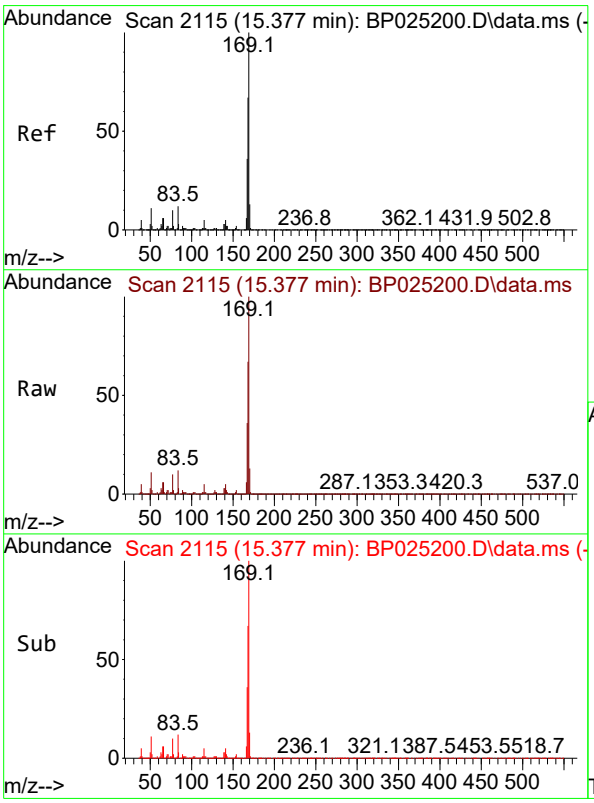
#65
4,6-Dinitro-2-methylphenol
Concen: 42.156 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 966776

Ion	Ratio	Lower	Upper
198	100		
51	34.6	14.6	54.6
105	38.3	18.3	58.3

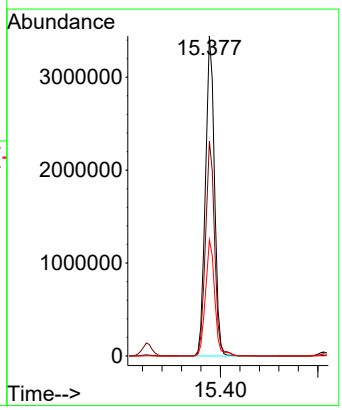


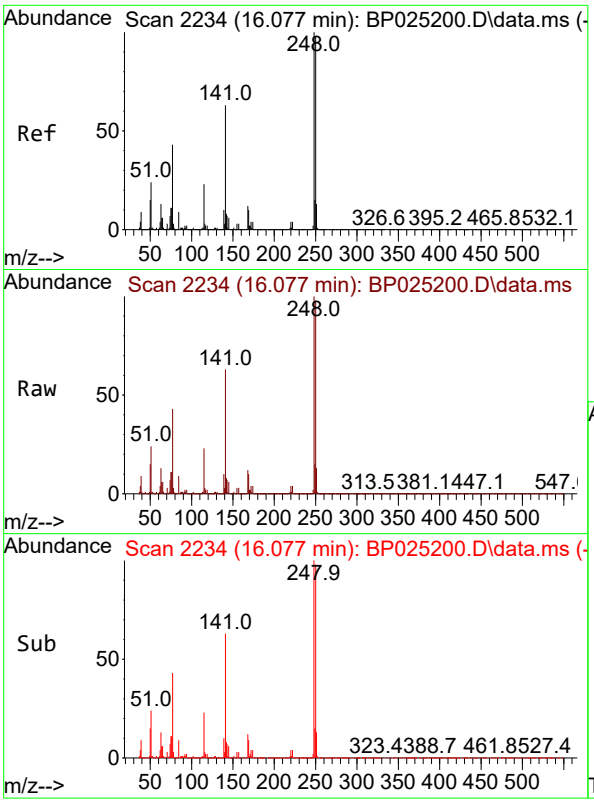


#66
n-Nitrosodiphenylamine
Concen: 38.582 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:169 Resp: 4401660

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.3	29.0	43.6



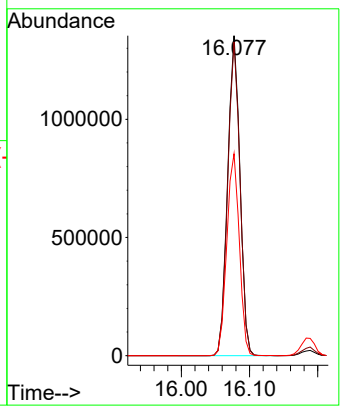


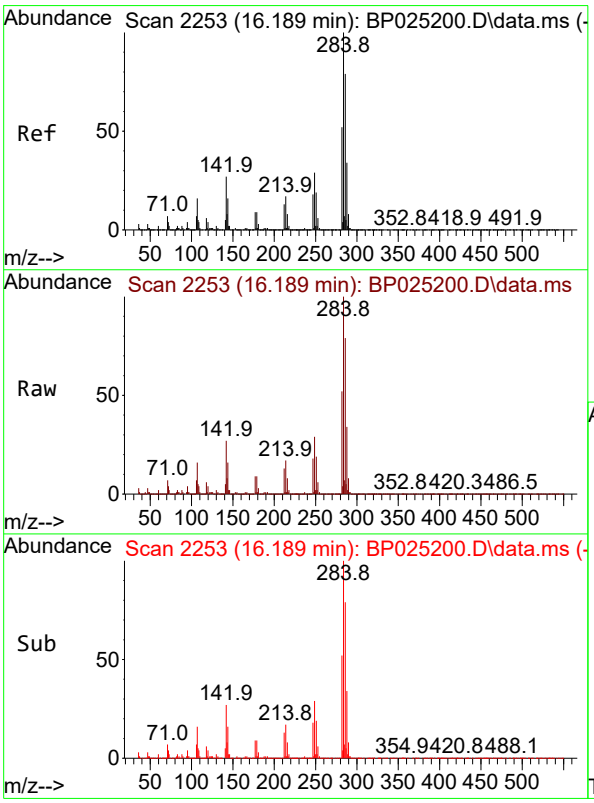
#67
4-Bromophenyl-phenylether
Concen: 39.475 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 1704976

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	63.1	50.5	75.7

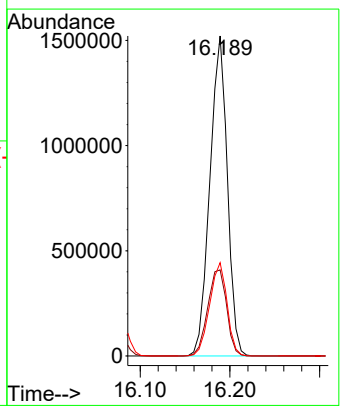


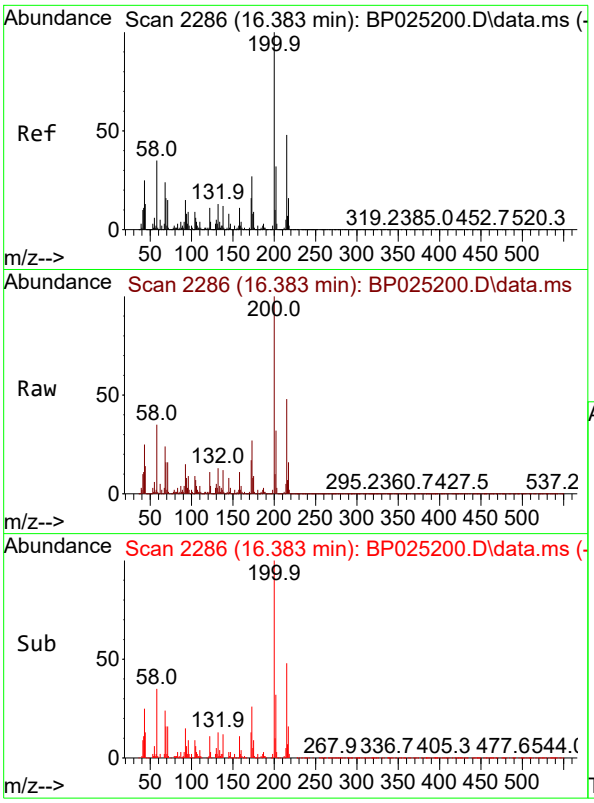


#68
Hexachlorobenzene
Concen: 39.808 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:284 Resp: 2053102

Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.5	32.3
249	29.2	23.4	35.0



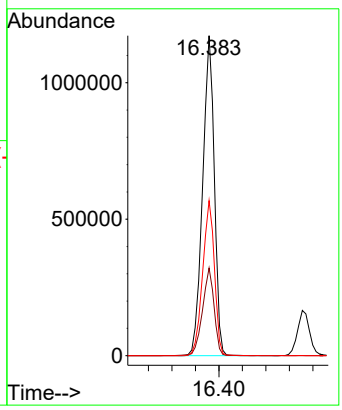


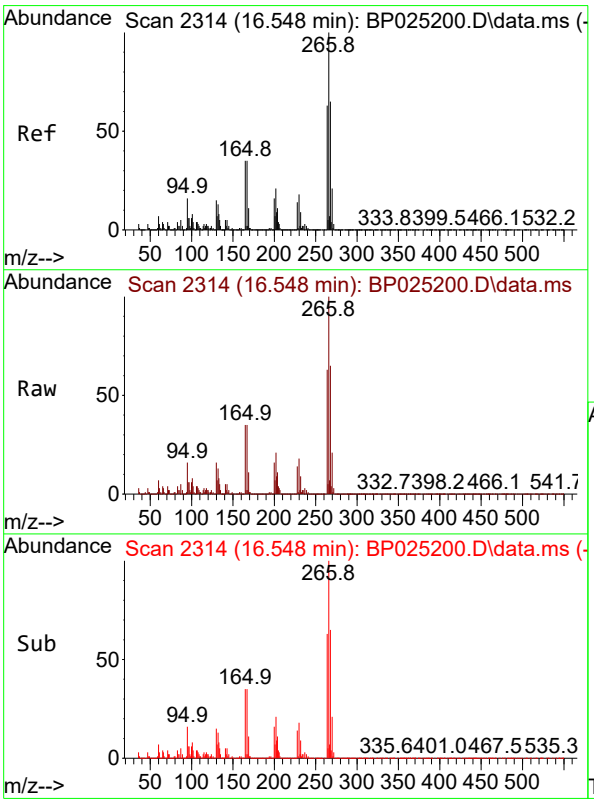
#69
Atrazine
Concen: 38.894 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 1617356

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.5	28.5	68.5

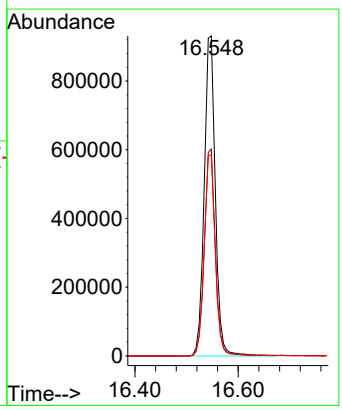


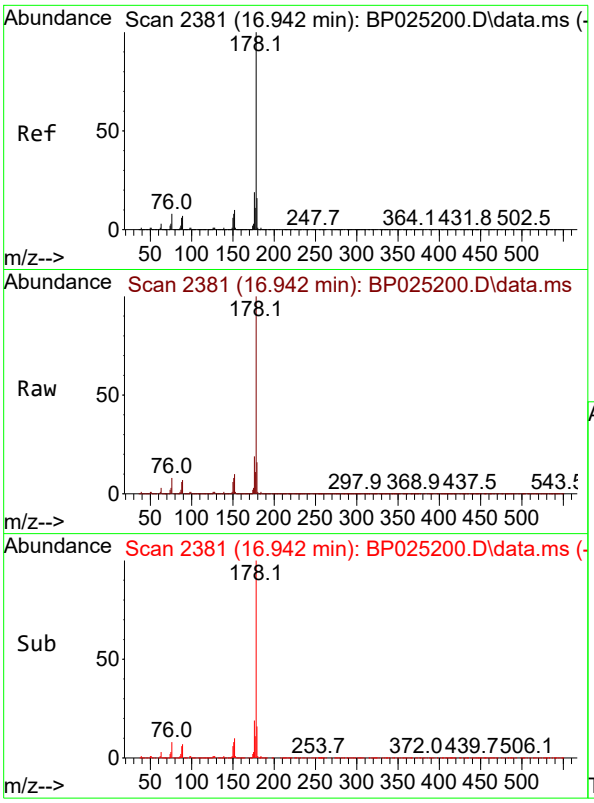


#70
Pentachlorophenol
Concen: 40.516 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:266 Resp: 1390894

Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.8	77.6
264	62.9	50.3	75.5



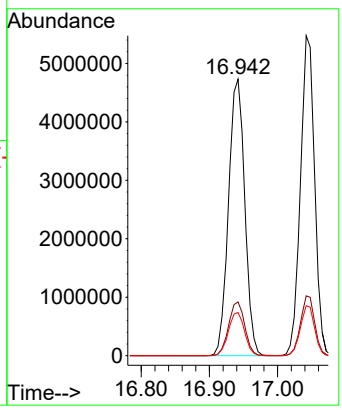


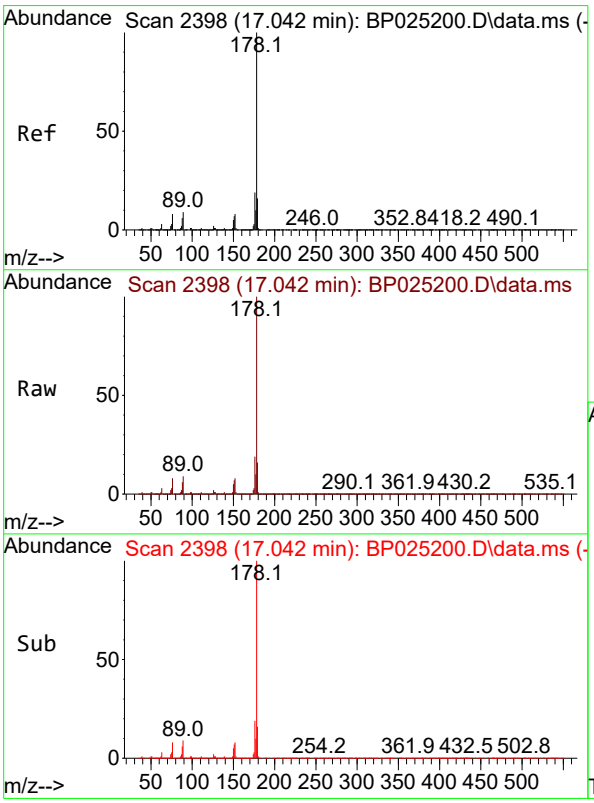
#71
Phenanthrene
Concen: 38.421 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 7842294

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.5	18.7

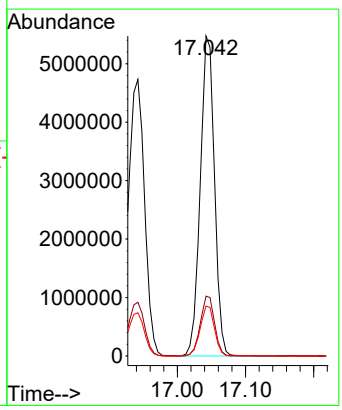


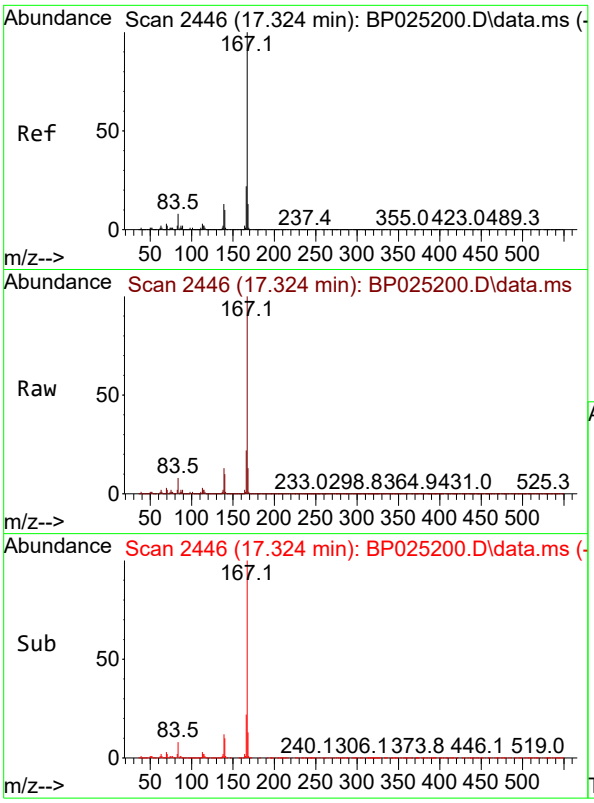


#72
Anthracene
Concen: 38.301 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:178 Resp: 7936213

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



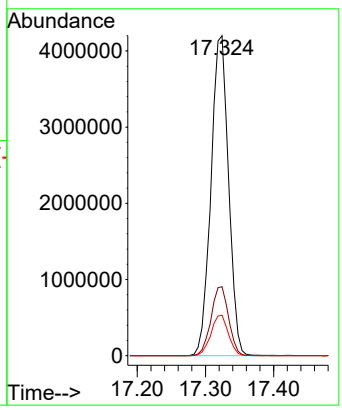


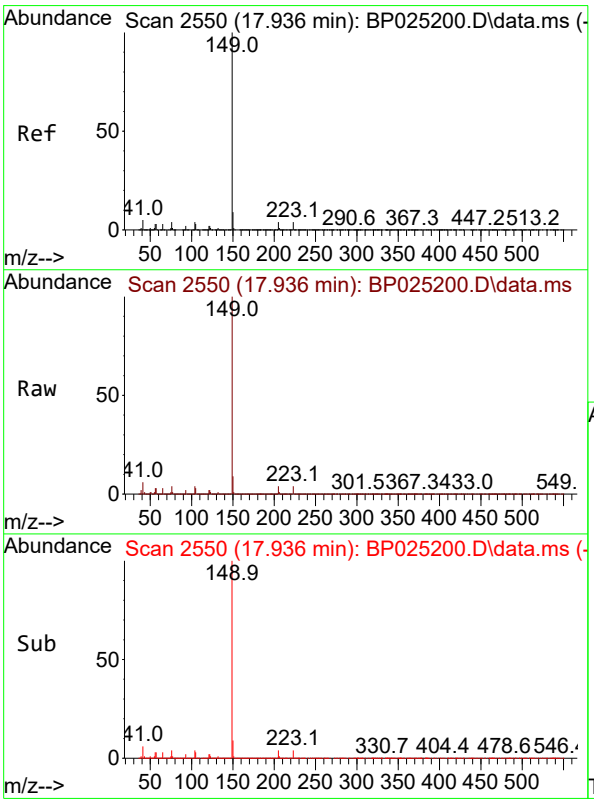
#73
Carbazole
Concen: 38.250 ng
RT: 17.324 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 7541201

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.6	10.1	15.1

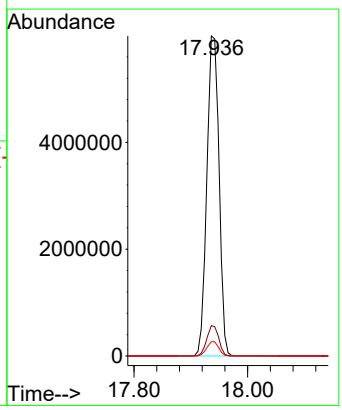


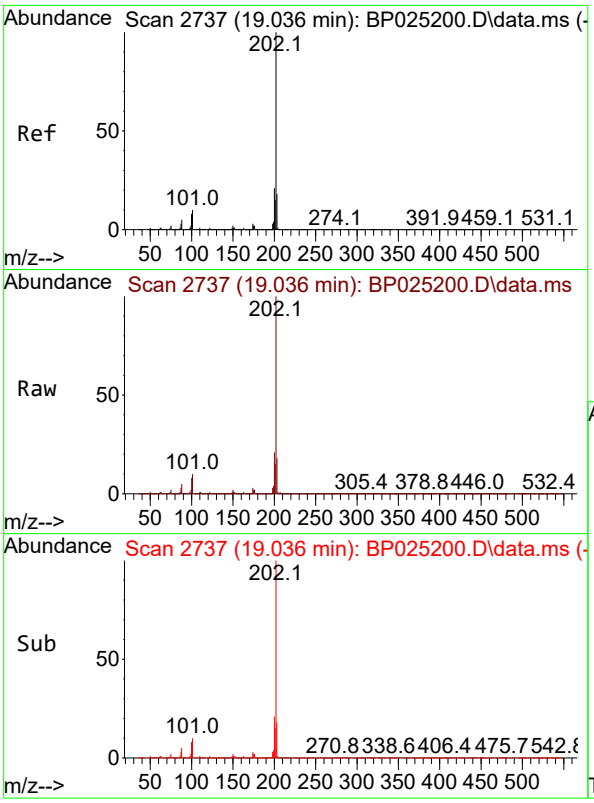


#74
Di-n-butylphthalate
Concen: 38.374 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 8871376

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.4	3.5	5.3



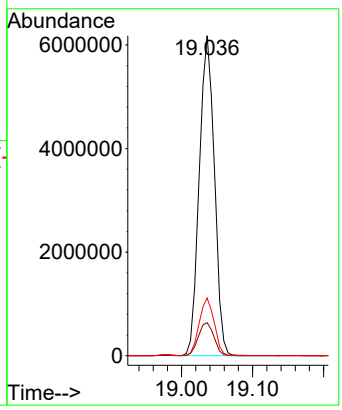


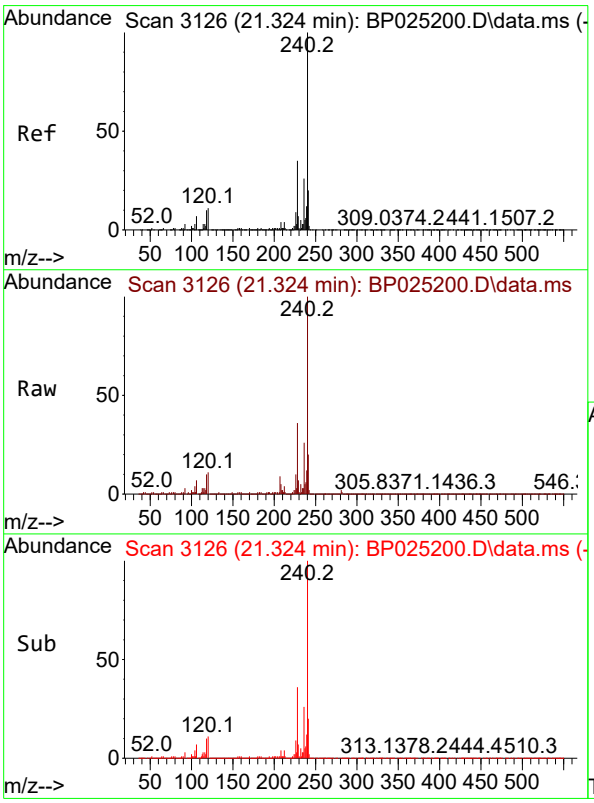
#75
Fluoranthene
Concen: 38.012 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 9173742

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	18.0	0.0	38.0

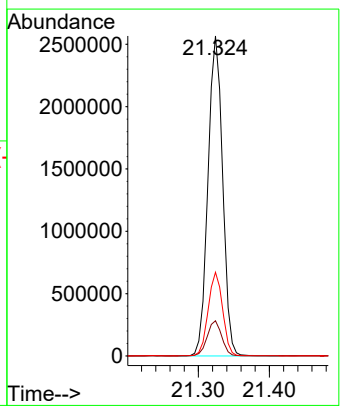


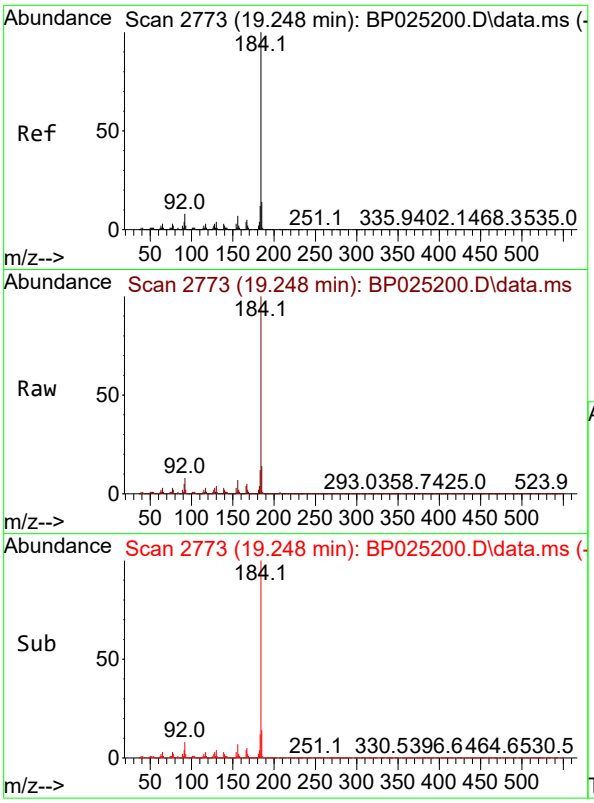


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:240 Resp: 3679412

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	26.1	20.9	31.3



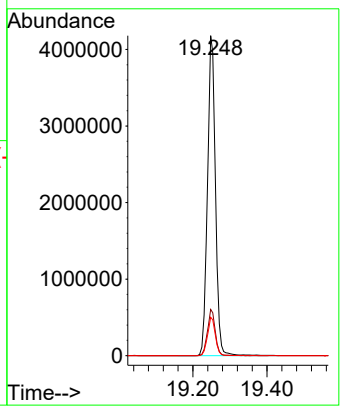


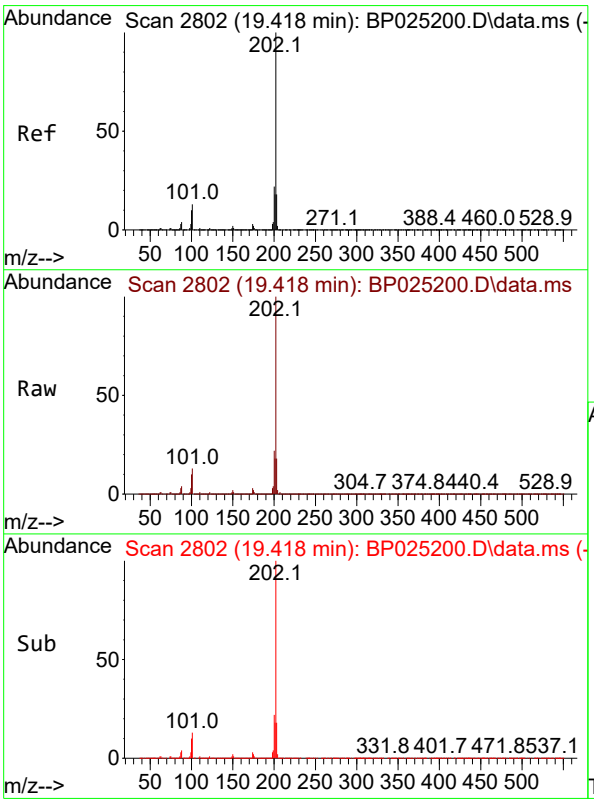
#77
Benzidine
Concen: 44.306 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 6227248

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.0	9.6	14.4

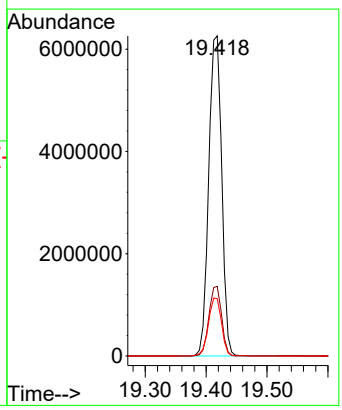


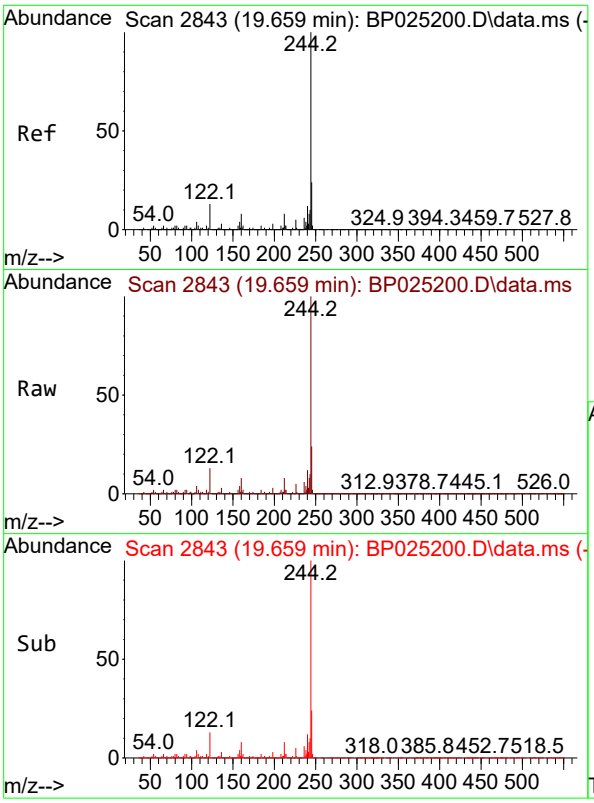


#78
Pyrene
Concen: 39.587 ng
RT: 19.418 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:202 Resp: 9256689

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5



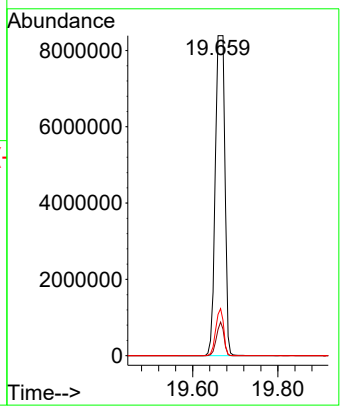


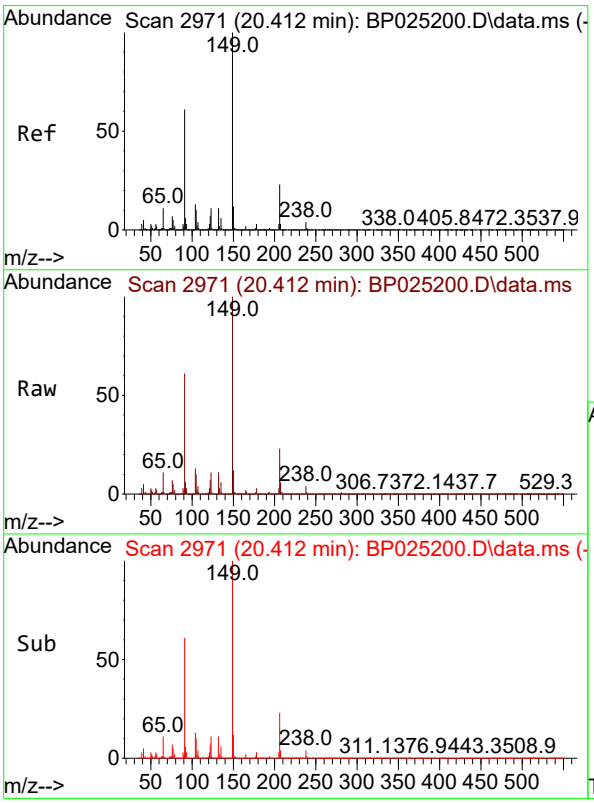
#79
Terphenyl-d14
Concen: 66.511 ng
RT: 19.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp:13104058

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	12.9	10.3	15.5

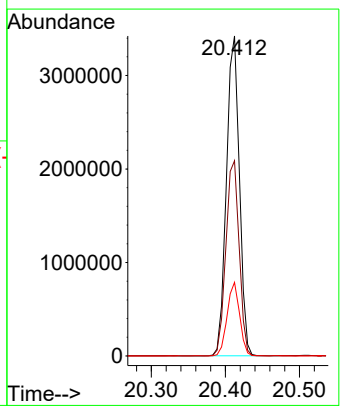


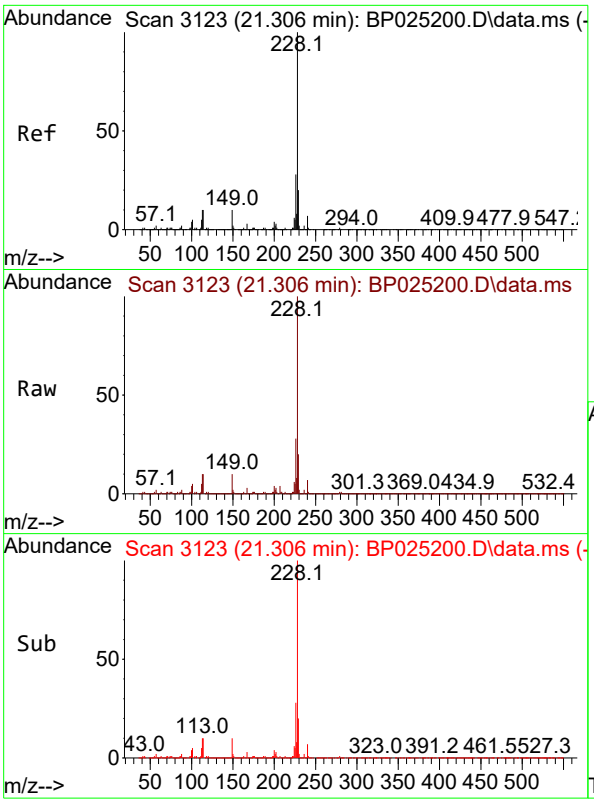


#80
Butylbenzylphthalate
Concen: 40.211 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 4149304

Ion	Ratio	Lower	Upper
149	100		
91	61.0	48.8	73.2
206	23.0	18.4	27.6



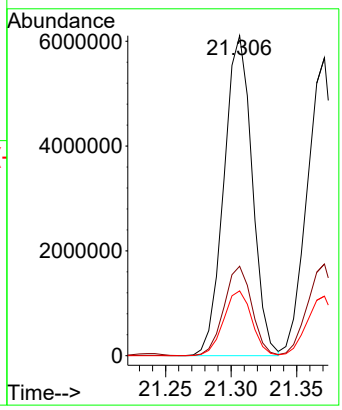


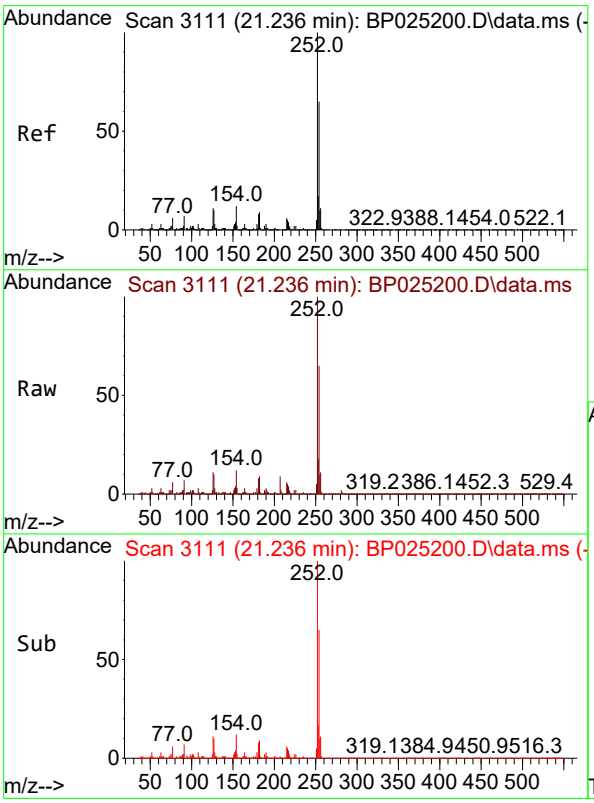
#81
Benzo(a)anthracene
Concen: 38.246 ng
RT: 21.306 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 9153419

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.2	16.2	24.2

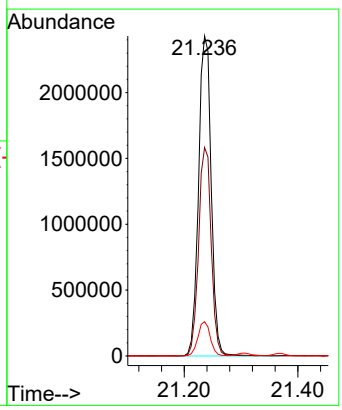


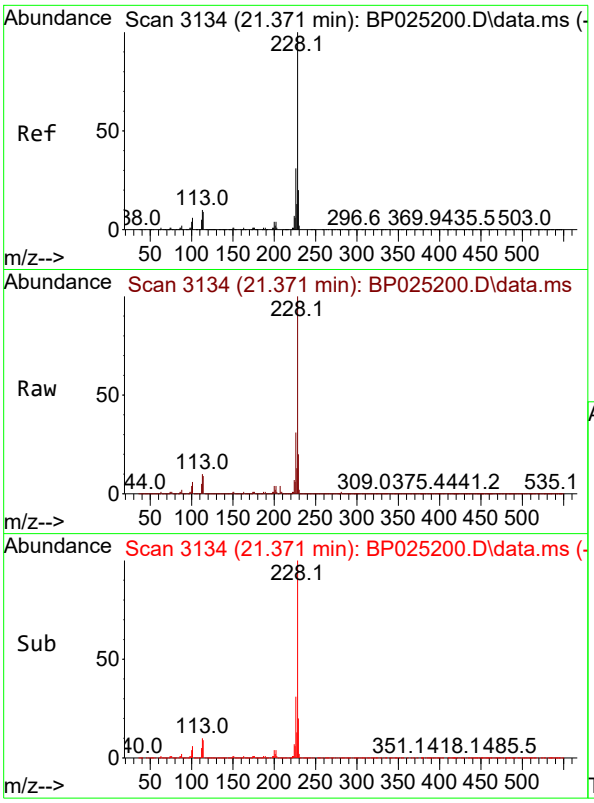


#82
3,3'-Dichlorobenzidine
Concen: 38.181 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 3746897

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.7	8.6	12.8



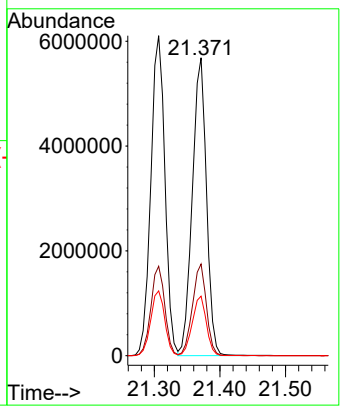


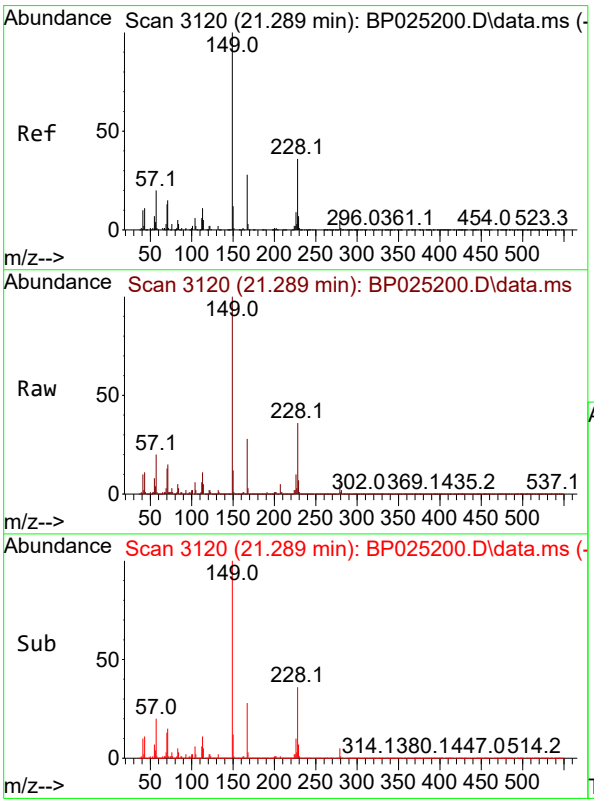
#83
Chrysene
Concen: 38.208 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 8527648

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.0	16.0	24.0

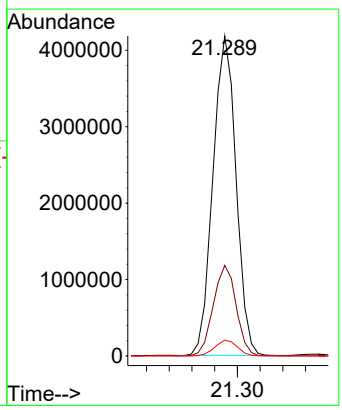


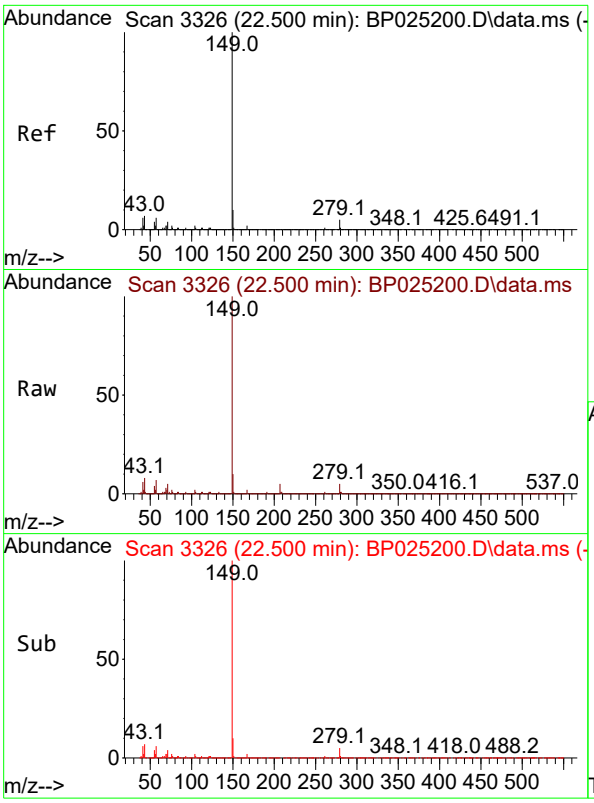


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.227 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5901118

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.0	4.0	6.0



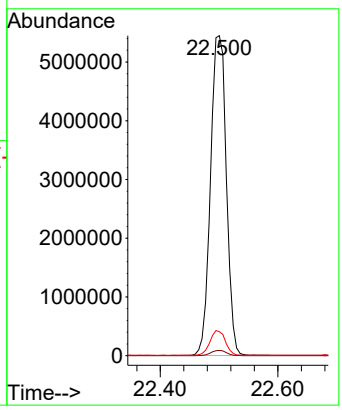


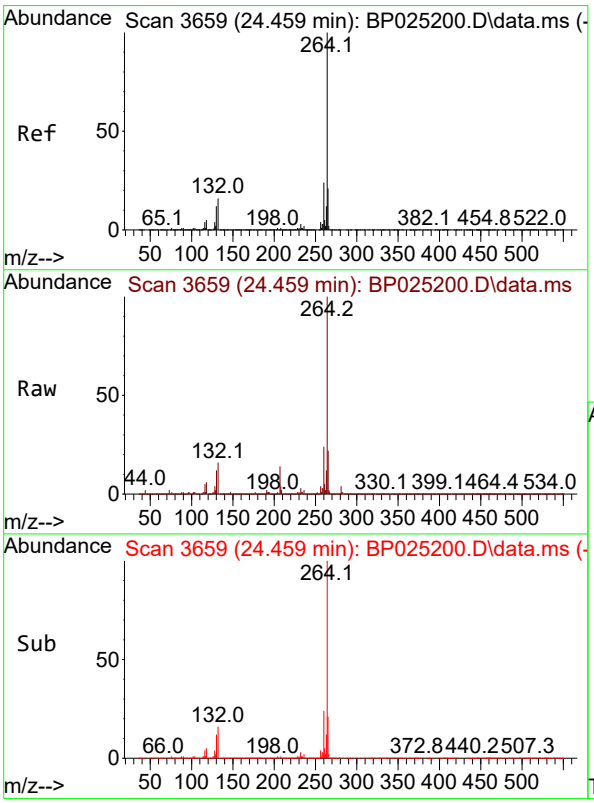
#85
Di-n-octyl phthalate
Concen: 38.831 ng
RT: 22.500 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp:10181858

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

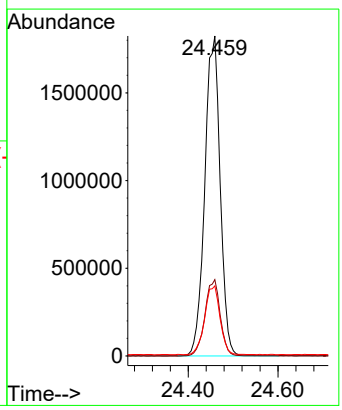


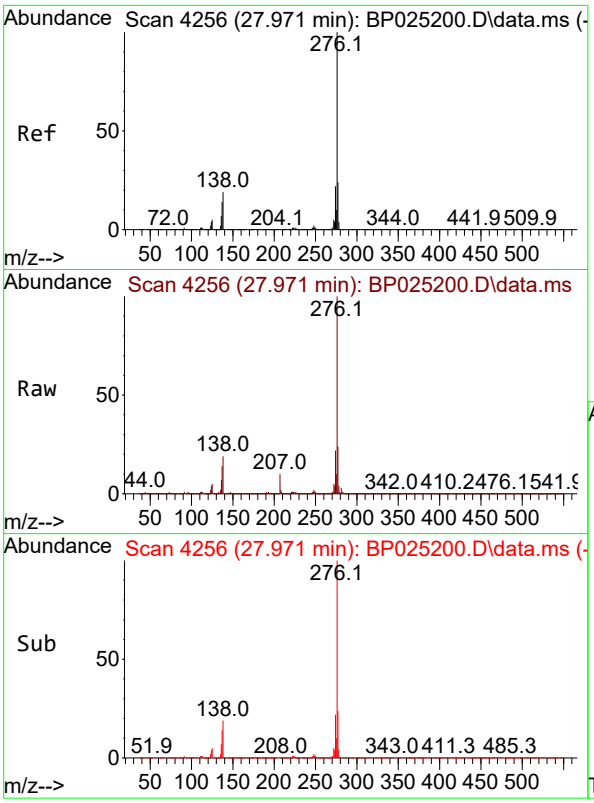


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:264 Resp: 4344624

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.5	26.3



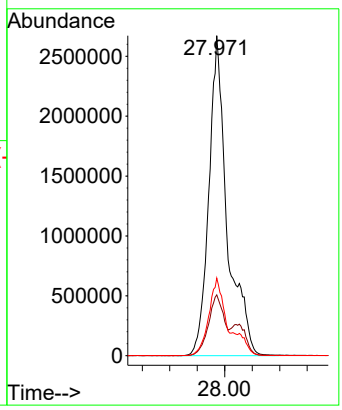


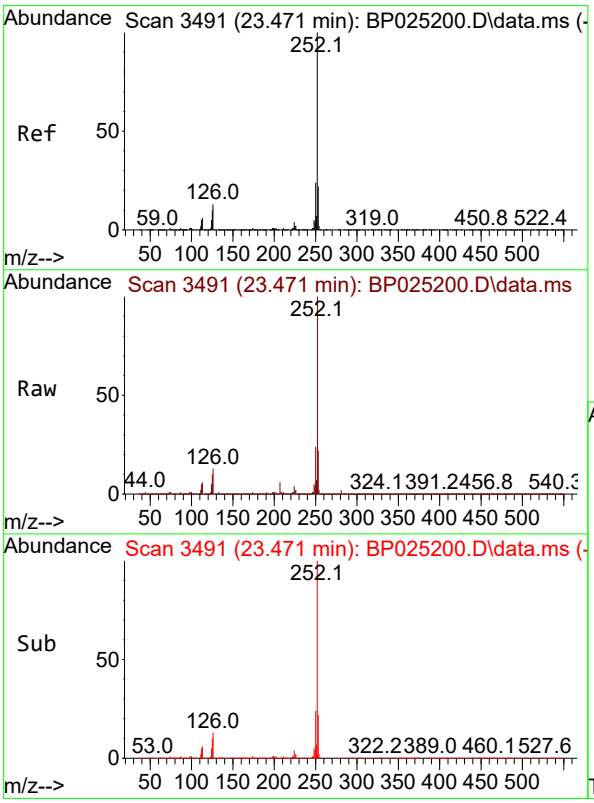
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.803 ng
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp:12392600

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.8	19.2
277	25.4	20.3	30.5

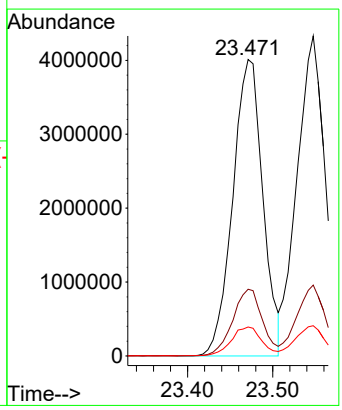


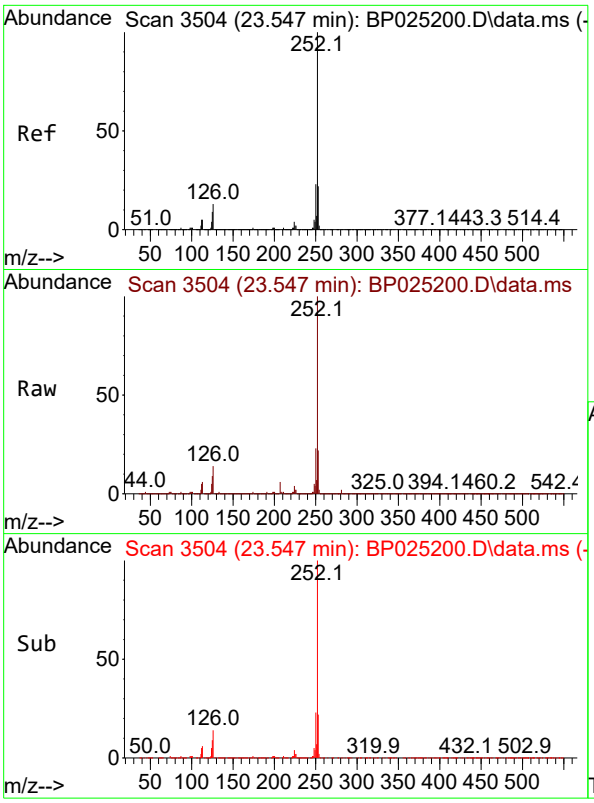


#88
Benzo(b)fluoranthene
Concen: 38.806 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9832372

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.8	7.8	11.8



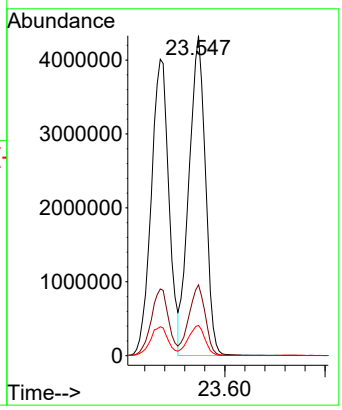


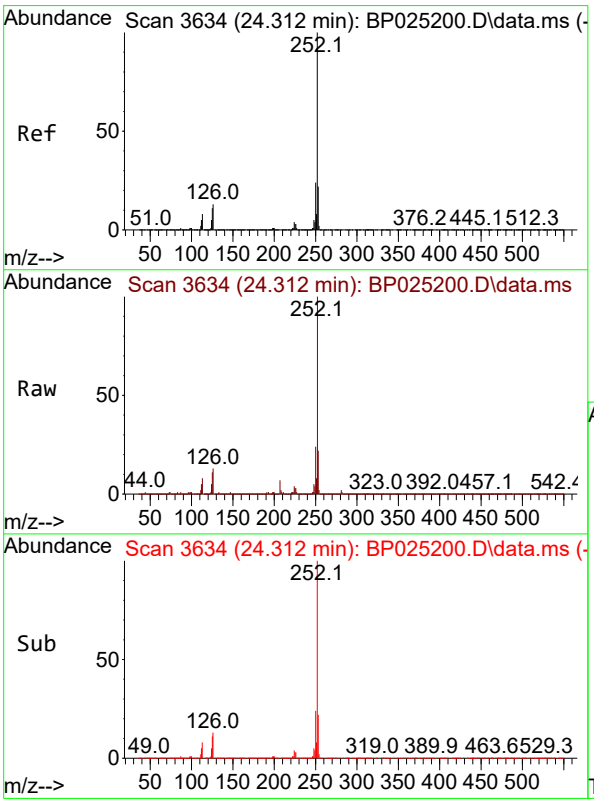
#89
Benzo(k)fluoranthene
Concen: 39.154 ng
RT: 23.547 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 9849710

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.4	7.5	11.3

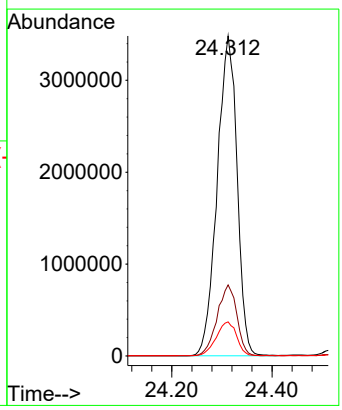


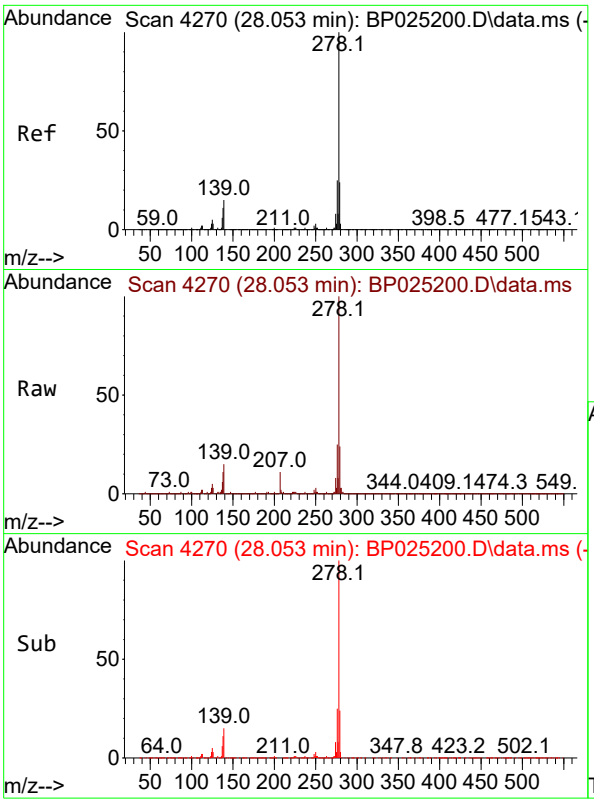


#90
Benzo(a)pyrene
Concen: 38.984 ng
RT: 24.312 min Scan# 3634
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9588064

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.7	8.6	12.8



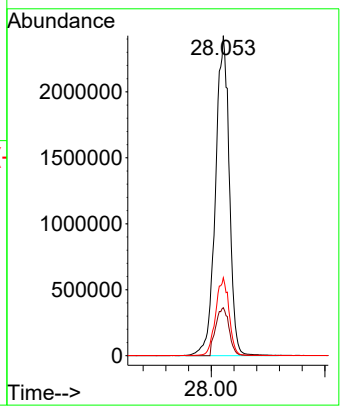


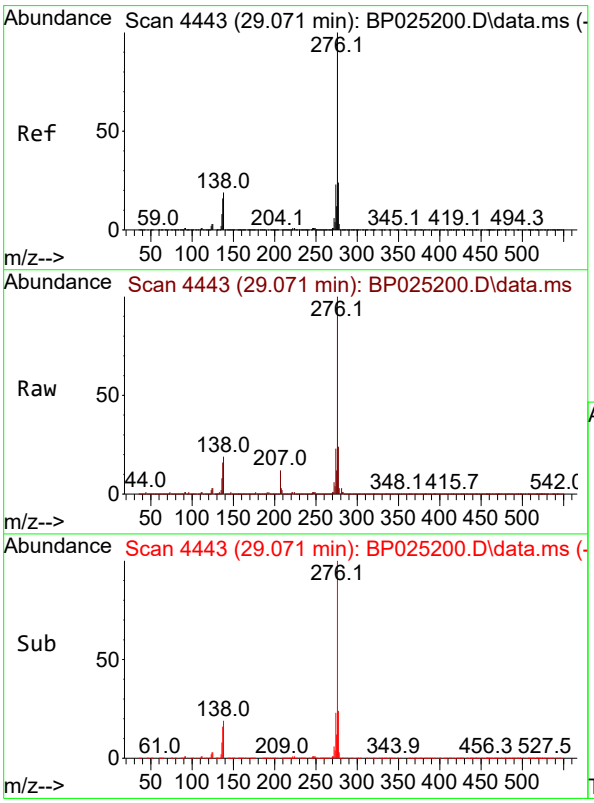
#91
Dibenzo(a,h)anthracene
Concen: 38.996 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp:10213563

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	24.4	19.5	29.3

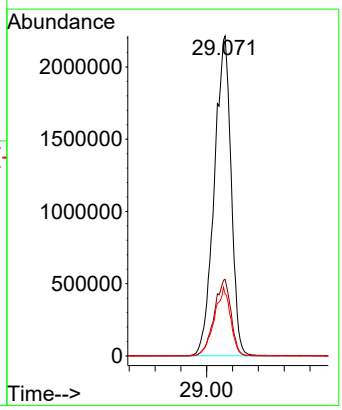




#92
Benzo(g,h,i)perylene
Concen: 38.952 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:276 Resp: 9993377

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.3	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	613538	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2516404	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1604001	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3210937	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3337112	20.000	ng		0.00
86) Perylene-d12	24.465	264	3976559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	3807103	103.663	ng		0.00
7) Phenol-d6	6.637	99	4736983	104.474	ng		0.00
23) Nitrobenzene-d5	8.560	82	4781399	104.177	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2533319	106.212	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	11917555	98.364	ng		0.00
79) Terphenyl-d14	19.654	244	16139665	90.322	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	713110	51.665	ng		99
3) Pyridine	3.490	79	1930182	52.798	ng		99
4) n-Nitrosodimethylamine	3.408	42	770132	53.378	ng		97
6) Aniline	6.778	93	3124470	52.991	ng		100
8) 2-Chlorophenol	7.008	128	2180013	52.755	ng		99
9) Benzaldehyde	6.596	77	1896798	58.538	ng		99
10) Phenol	6.660	94	2474823	52.755	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	1906690	52.936	ng		100
12) 1,3-Dichlorobenzene	7.325	146	2422569	51.674	ng		99
13) 1,4-Dichlorobenzene	7.466	146	2458987	51.975	ng		99
14) 1,2-Dichlorobenzene	7.772	146	2365873	52.043	ng		99
15) Benzyl Alcohol	7.666	79	1722446	52.999	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	2446484	52.952	ng		100
17) 2-Methylphenol	7.878	107	1733573	53.427	ng		100
18) Hexachloroethane	8.484	117	853688	52.844	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	1455206	53.253	ng		99
20) 3+4-Methylphenols	8.196	107	2375514	53.601	ng		99
22) Acetophenone	8.237	105	3084434	51.751	ng	#	98
24) Nitrobenzene	8.602	77	2126232	52.274	ng		97
25) Isophorone	9.125	82	4172561	51.908	ng		99
26) 2-Nitrophenol	9.302	139	1267530	55.364	ng		98
27) 2,4-Dimethylphenol	9.378	122	2063358	52.940	ng		100
28) bis(2-Chloroethoxy)met...	9.607	93	2625875	52.034	ng		100
29) 2,4-Dichlorophenol	9.831	162	2113695	52.875	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	2270580	51.620	ng		99
31) Naphthalene	10.225	128	6732644	51.375	ng		99
32) Benzoic acid	9.543	122	1647738	57.886	ng		98
33) 4-Chloroaniline	10.331	127	2986136	52.480	ng		99
34) Hexachlorobutadiene	10.519	225	1366194	51.718	ng		100
35) Caprolactam	11.137	113	701610	53.331	ng		98
36) 4-Chloro-3-methylphenol	11.484	107	2098032	52.551	ng		99
37) 2-Methylnaphthalene	11.854	142	4376533	51.634	ng		99
38) 1-Methylnaphthalene	12.072	142	4608074	51.546	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	2560877	52.721	ng		100
41) Hexachlorocyclopentadiene	12.219	237	1616183	58.674	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	1770617	53.947	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1918353	53.026	ng	99
46) 1,1'-Biphenyl	12.895	154	6024880	50.798	ng	100
47) 2-Chloronaphthalene	12.931	162	4722917	51.398	ng	99
48) 2-Nitroaniline	13.137	65	1277778	55.436	ng	99
49) Acenaphthylene	13.790	152	7853263	52.119	ng	99
50) Dimethylphthalate	13.548	163	6045361	51.655	ng	99
51) 2,6-Dinitrotoluene	13.654	165	1345243	54.301	ng	100
52) Acenaphthene	14.137	154	4517722	52.046	ng	99
53) 3-Nitroaniline	13.984	138	1538228	55.030	ng	97
54) 2,4-Dinitrophenol	14.190	184	845681	60.917	ng	98
55) Dibenzofuran	14.484	168	7155195	50.912	ng	100
56) 4-Nitrophenol	14.319	139	1296281	54.419	ng	99
57) 2,4-Dinitrotoluene	14.448	165	1931788	55.973	ng	98
58) Fluorene	15.148	166	5666693	50.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1711112	53.430	ng	99
60) Diethylphthalate	14.948	149	6032748	52.170	ng	100
61) 4-Chlorophenyl-phenyle...	15.154	204	2822385	49.953	ng	97
62) 4-Nitroaniline	15.172	138	1557916	54.694	ng	99
63) Azobenzene	15.454	77	4887978	52.623	ng	97
65) 4,6-Dinitro-2-methylph...	15.248	198	1165979	58.004	ng	98
66) n-Nitrosodiphenylamine	15.378	169	5088804	50.889	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1990339	52.573	ng	99
68) Hexachlorobenzene	16.184	284	2321405	51.350	ng	96
69) Atrazine	16.372	200	1920612	52.693	ng	99
70) Pentachlorophenol	16.531	266	1626155	54.041	ng	99
71) Phenanthrene	16.931	178	8929922	49.912	ng	100
72) Anthracene	17.031	178	9319174	51.310	ng	100
73) Carbazole	17.307	167	8838811	51.147	ng	99
74) Di-n-butylphthalate	17.925	149	10436099	51.501	ng	99
75) Fluoranthene	19.036	202	10486987	49.574	ng	99
77) Benzidine	19.242	184	5973577	46.861	ng	100
78) Pyrene	19.419	202	10669709	50.310	ng	99
80) Butylbenzylphthalate	20.407	149	4896472	52.320	ng	97
81) Benzo(a)anthracene	21.307	228	11027653	50.804	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	4590583	51.576	ng	100
83) Chrysene	21.377	228	10311953	50.942	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	7009358	51.373	ng	100
85) Di-n-octyl phthalate	22.501	149	12446110	52.335	ng	100
87) Indeno(1,2,3-cd)pyrene	27.989	276	15307239m	52.366	ng	
88) Benzo(b)fluoranthene	23.483	252	11802054	50.891	ng	100
89) Benzo(k)fluoranthene	23.548	252	11941338	51.862	ng	99
90) Benzo(a)pyrene	24.324	252	11759136	52.237	ng	99
91) Dibenzo(a,h)anthracene	28.065	278	12441007	51.898	ng	100
92) Benzo(g,h,i)perylene	29.077	276	12183528	51.884	ng	98

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

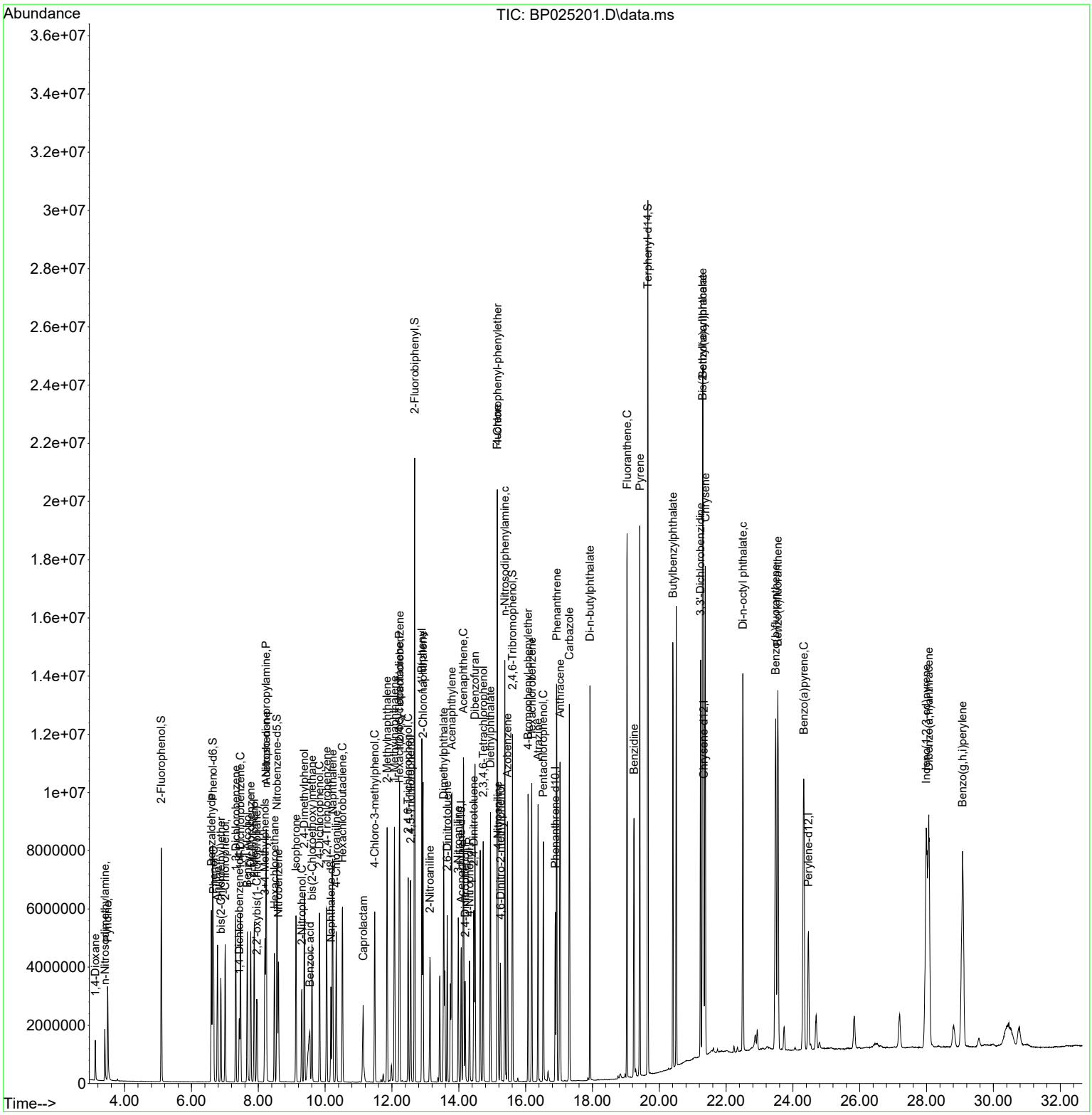
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Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

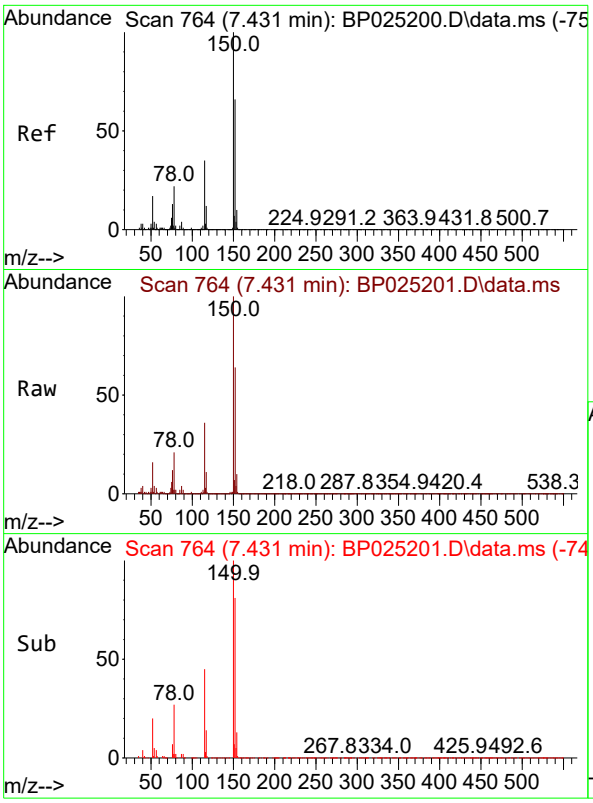
Quant Time: Jul 22 02:32:22 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

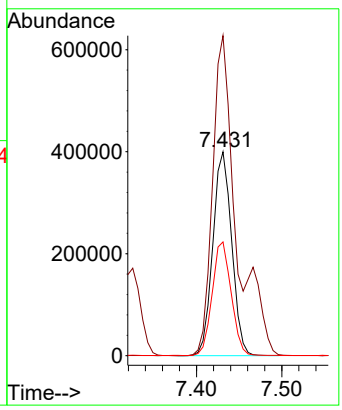




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:152 Resp: 61353

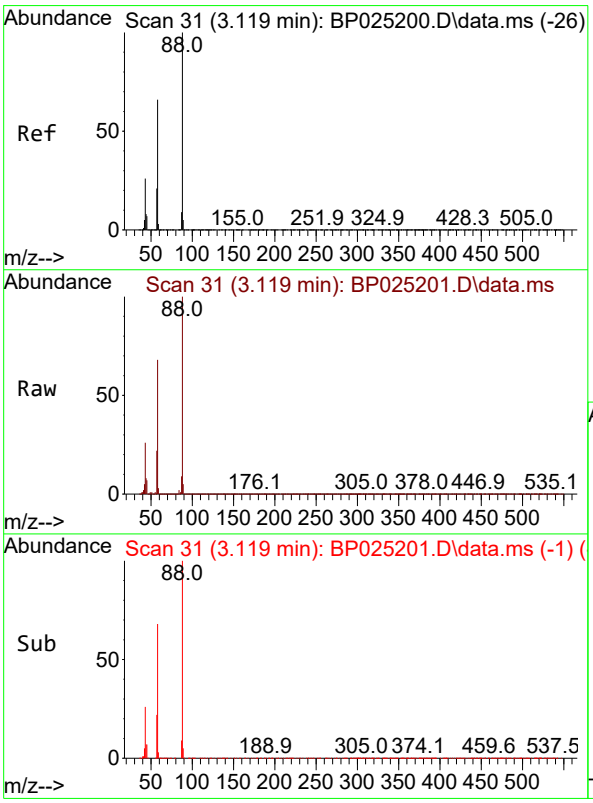
Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.9	182.9
115	55.8	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

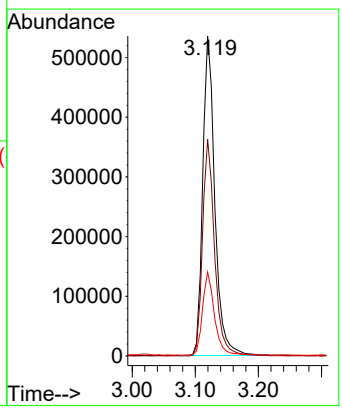
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

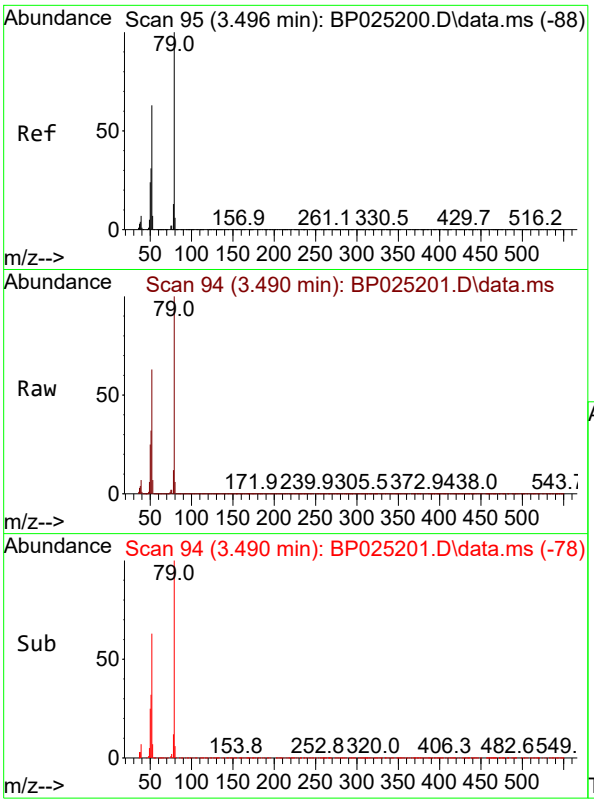


#2
1,4-Dioxane
Concen: 51.665 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 88 Resp: 713110

Ion	Ratio	Lower	Upper
88	100		
58	67.7	53.5	80.3
43	25.8	20.8	31.2

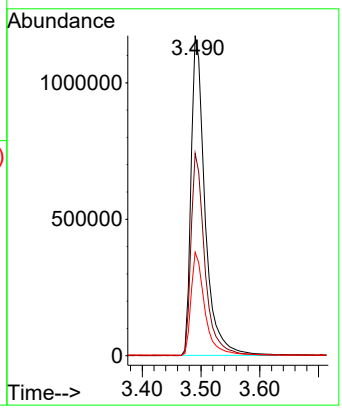




#3
Pyridine
Concen: 52.798 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 193018

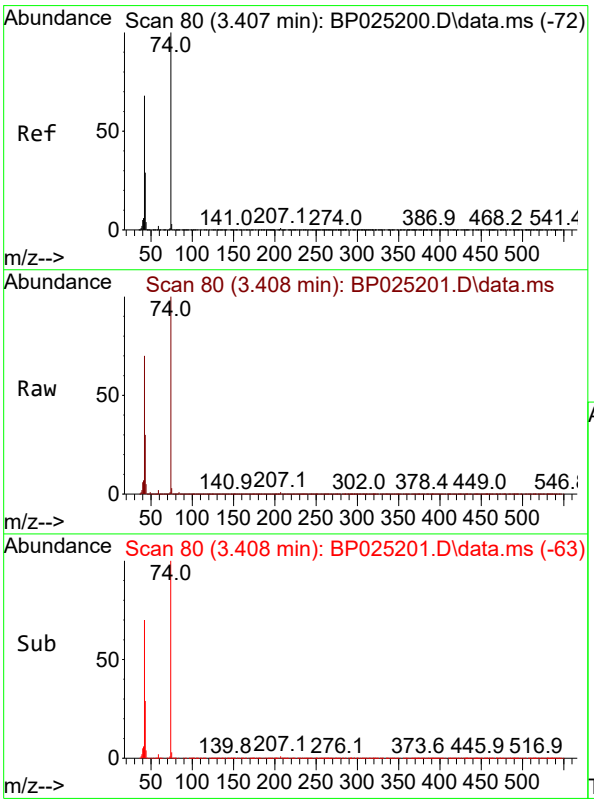
Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	32.3	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

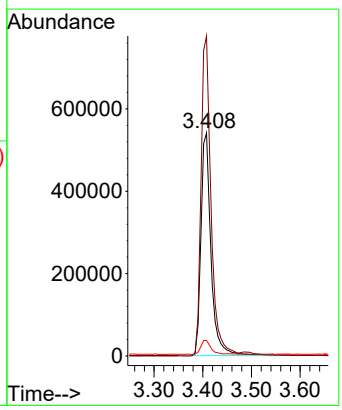
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

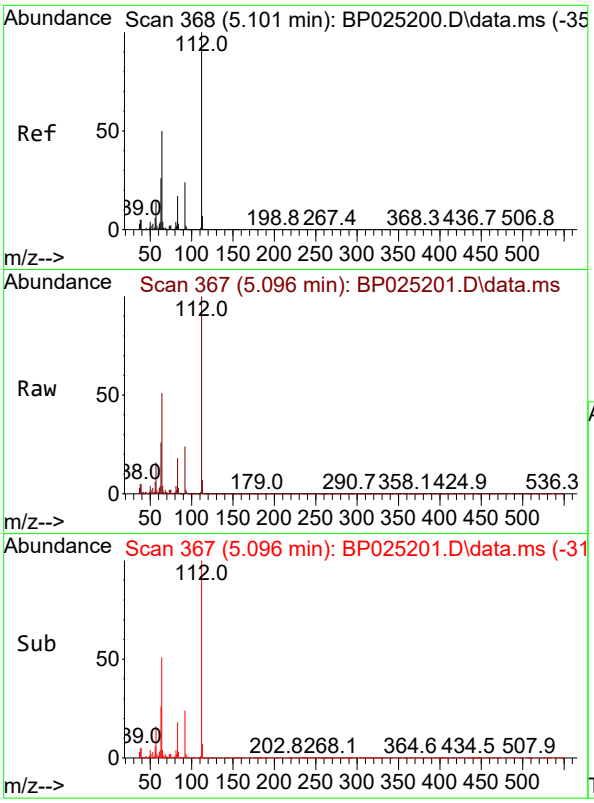


#4
n-Nitrosodimethylamine
Concen: 53.378 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 42 Resp: 770132

Ion	Ratio	Lower	Upper
42	100		
74	143.4	118.0	177.0
44	6.9	5.5	8.3





#5
2-Fluorophenol
Concen: 103.663 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

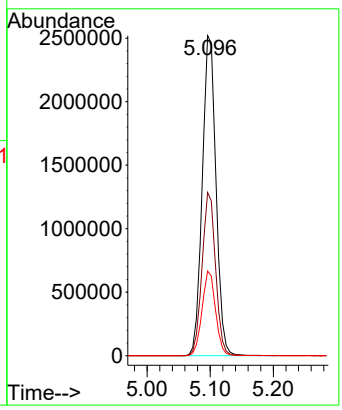
Tgt Ion:112 Resp: 380710

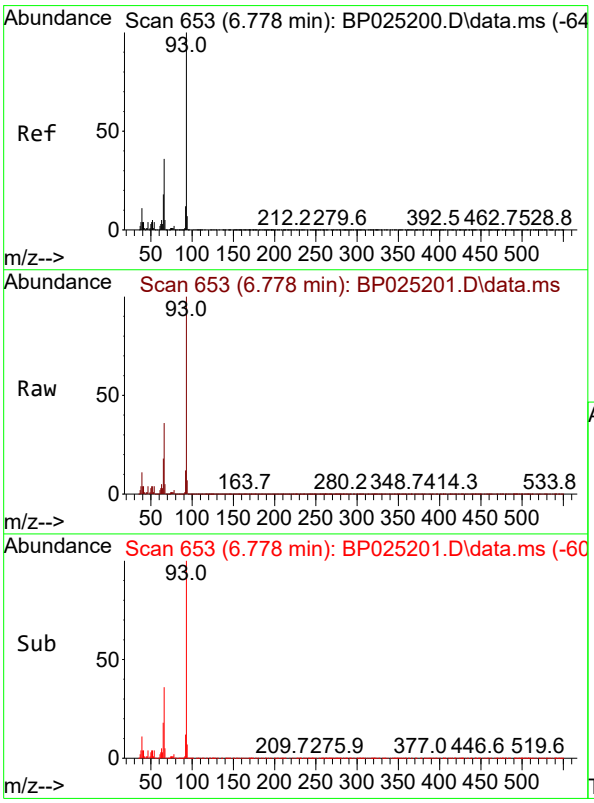
Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	26.5	20.5	30.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

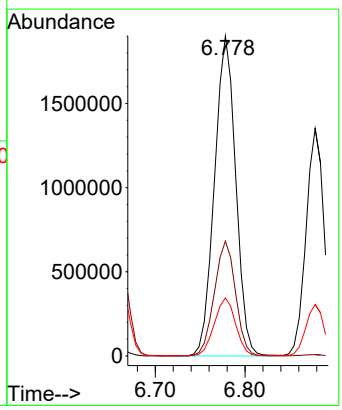


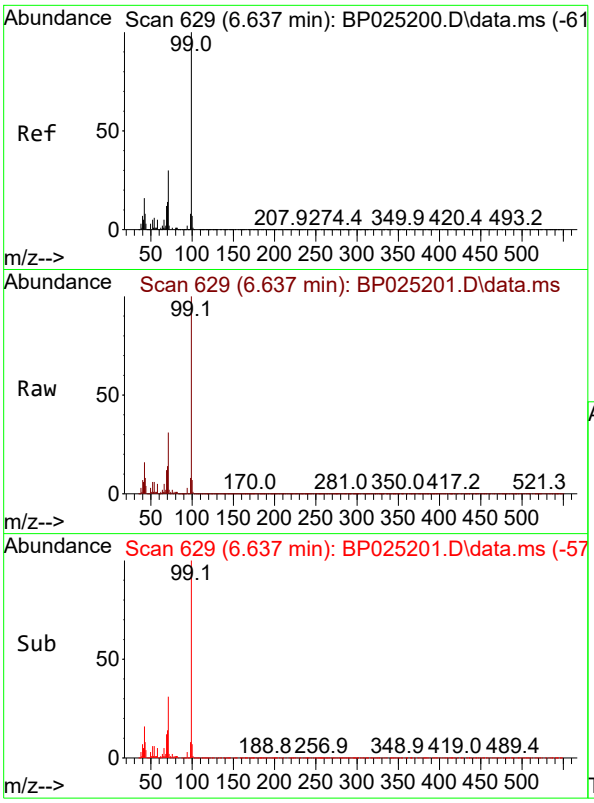


#6
Aniline
Concen: 52.991 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 3124470

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.6	43.0
65	18.2	14.6	21.8

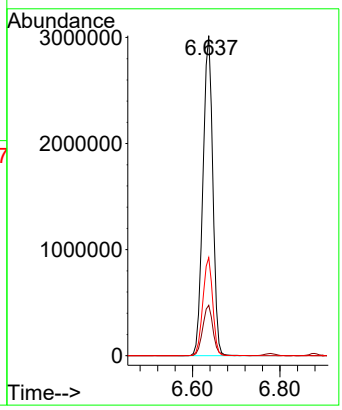




#7
Phenol-d6
Concen: 104.474 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 99 Resp: 473698

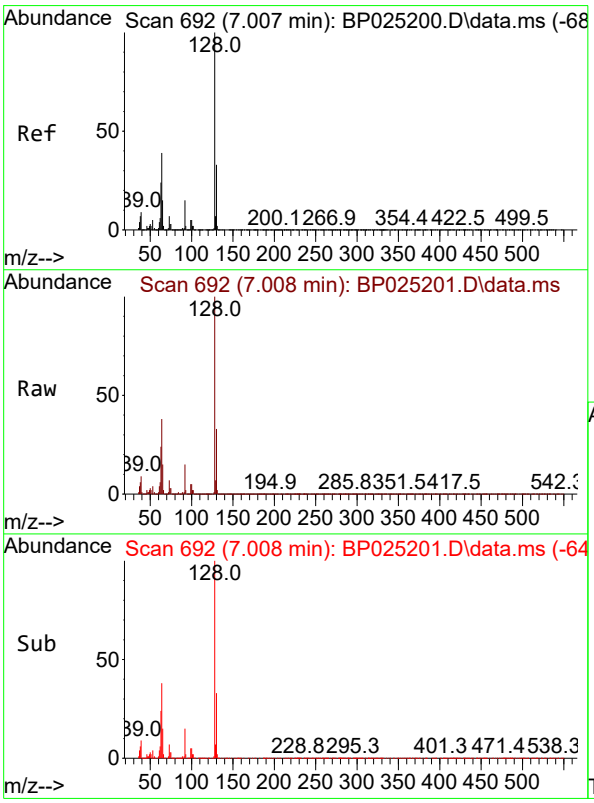
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	30.6	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

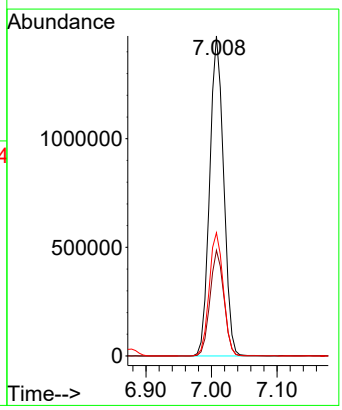
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

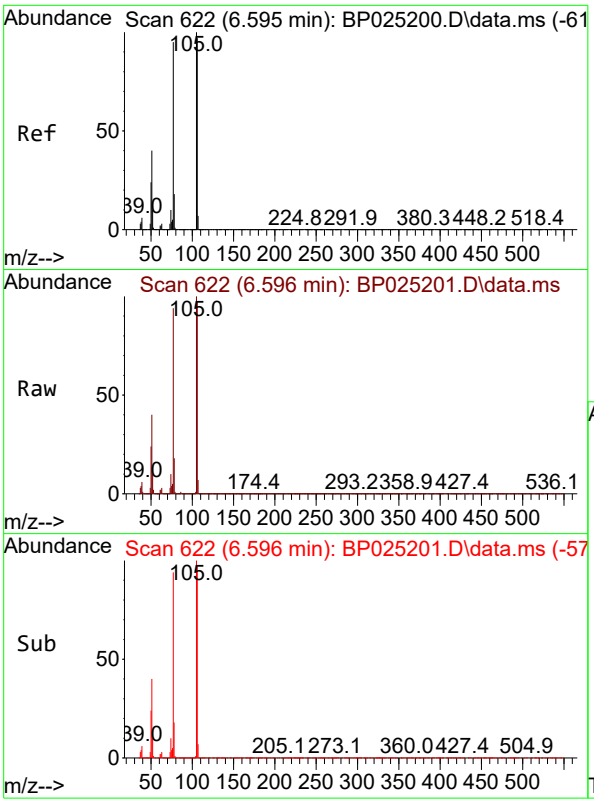


#8
2-Chlorophenol
Concen: 52.755 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 2180013

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	38.5	19.2	59.2

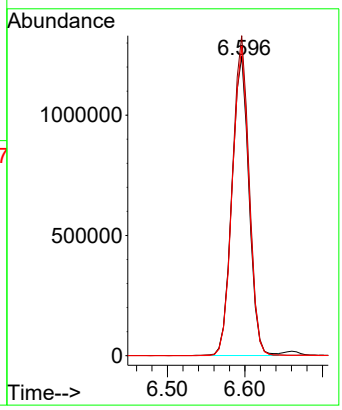




#9
Benzaldehyde
Concen: 58.538 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 189679

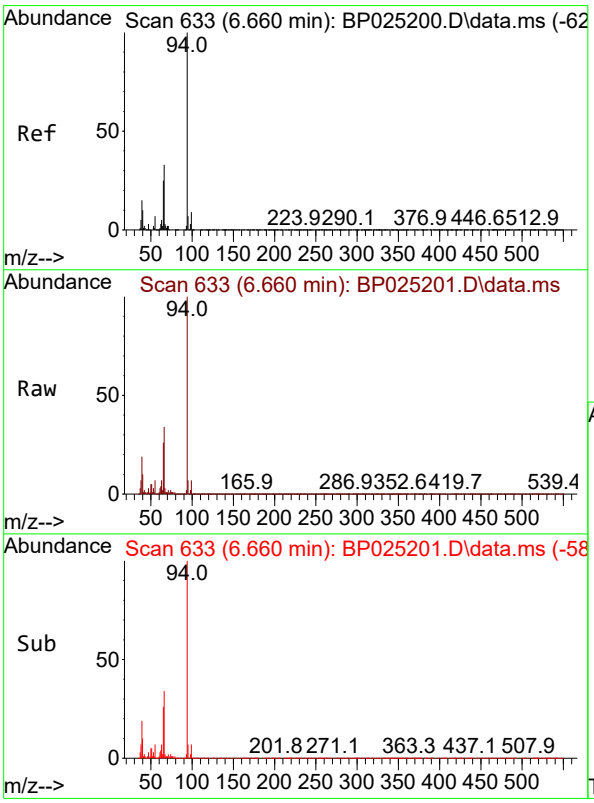
Ion	Ratio	Lower	Upper
77	100		
105	106.8	85.5	125.5
106	103.4	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

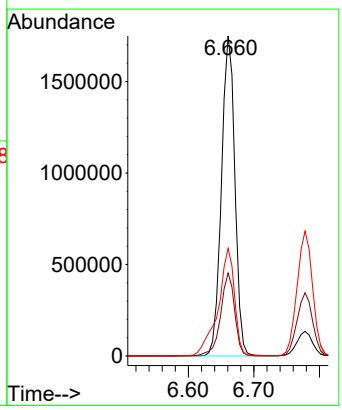
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

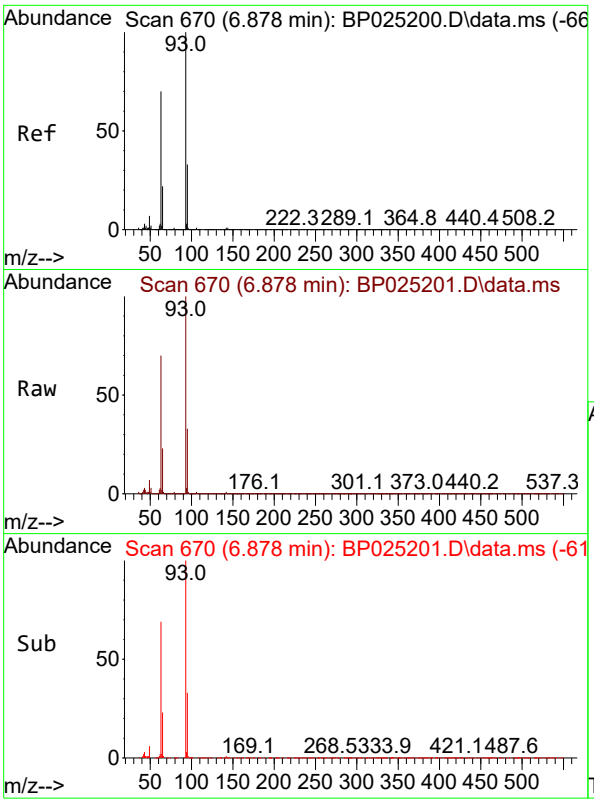


#10
Phenol
Concen: 52.755 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 94 Resp: 2474823

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.6	13.5	53.5

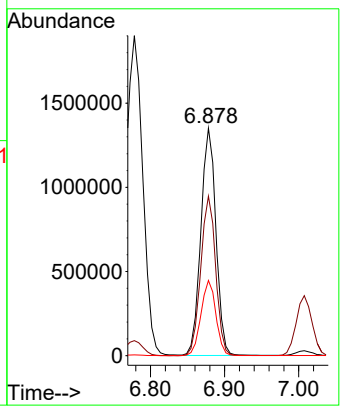




#11
bis(2-Chloroethyl)ether
Concen: 52.936 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 190669

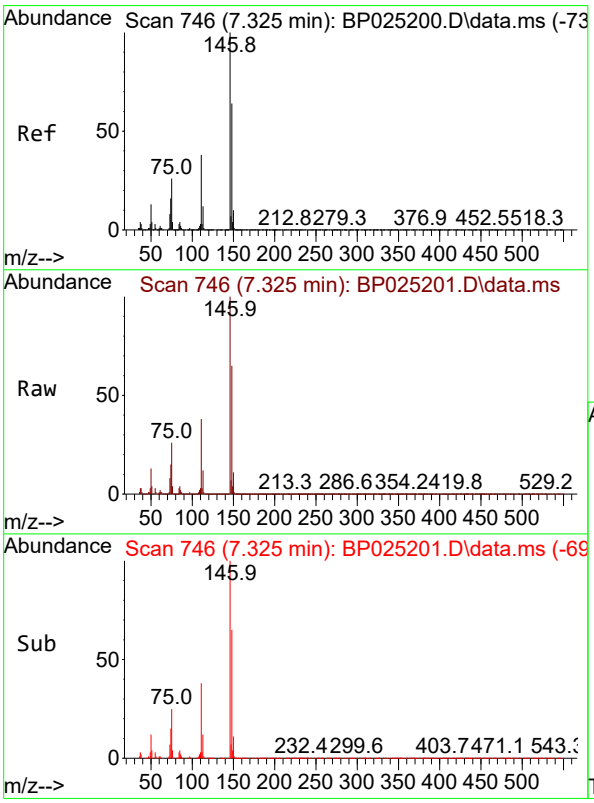
Ion	Ratio	Lower	Upper
93	100		
63	70.1	50.0	90.0
95	33.0	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

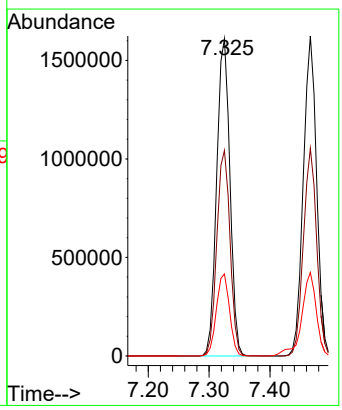
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

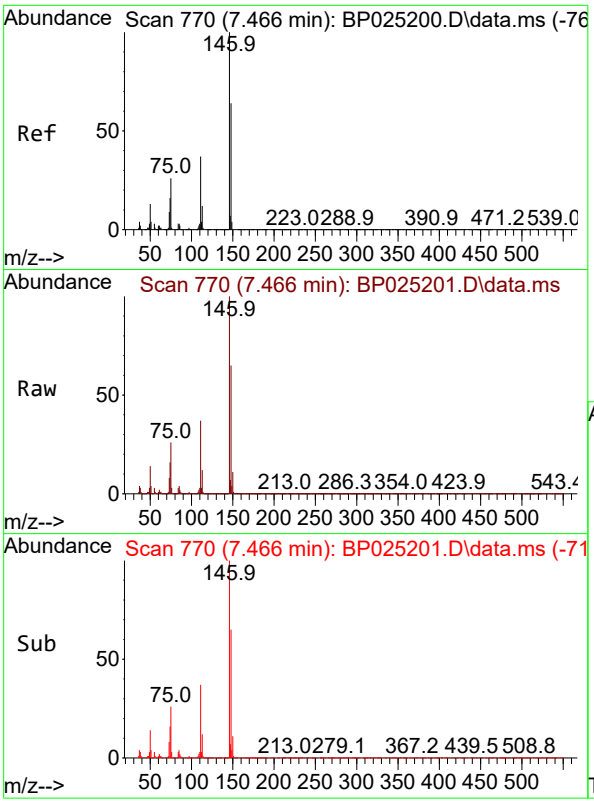


#12
1,3-Dichlorobenzene
Concen: 51.674 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2422569

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	25.9	20.6	31.0

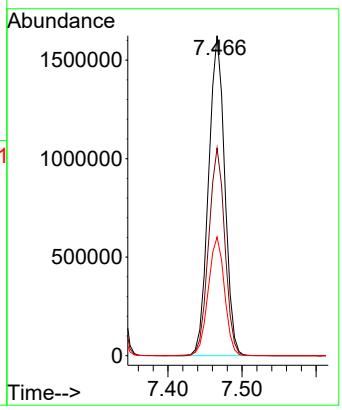




#13
1,4-Dichlorobenzene
Concen: 51.975 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 245898

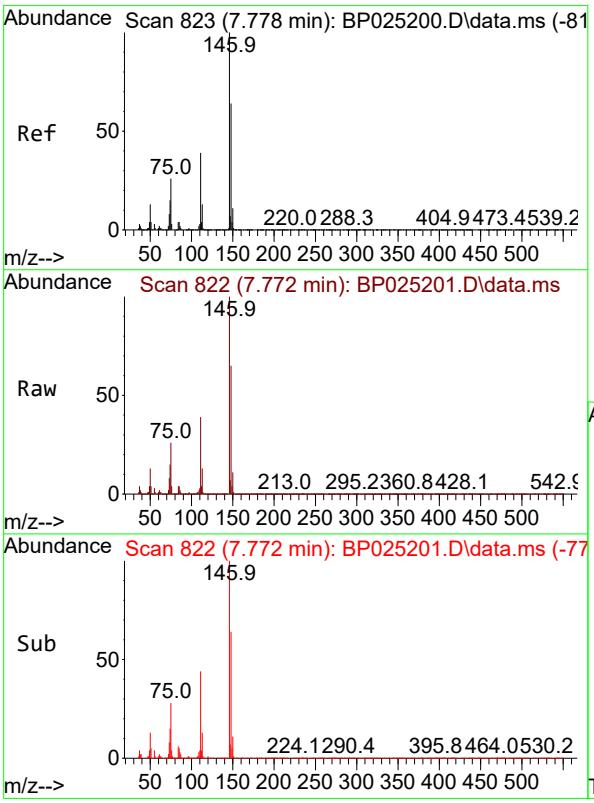
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	37.1	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

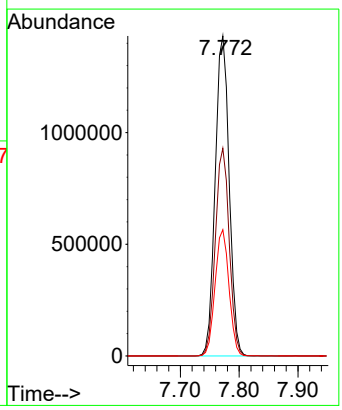
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

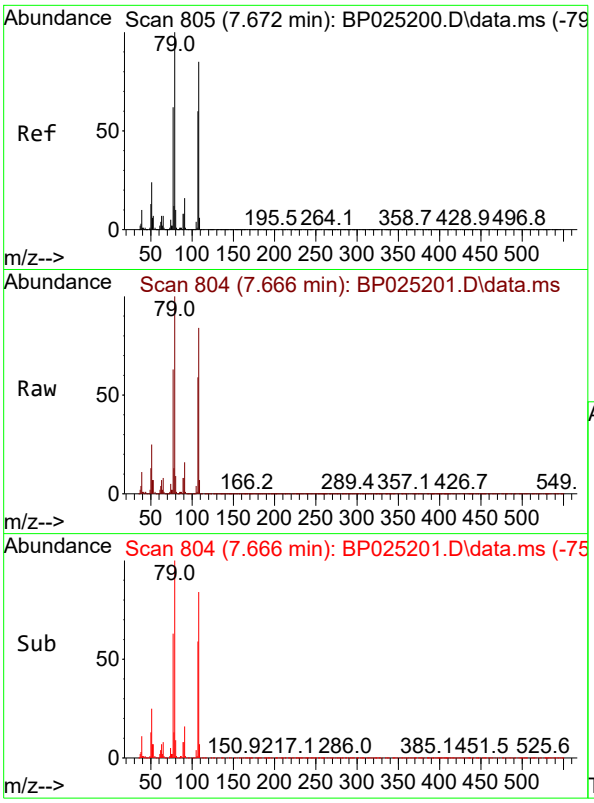


#14
1,2-Dichlorobenzene
Concen: 52.043 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2365873

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
111	39.5	31.3	46.9

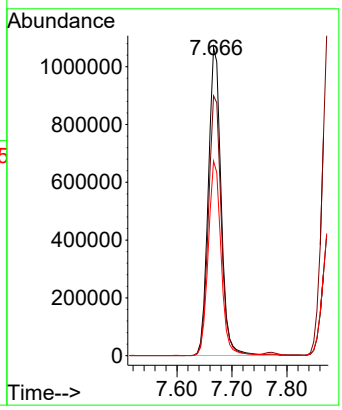




#15
Benzyl Alcohol
Concen: 52.999 ng
RT: 7.666 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 172244(

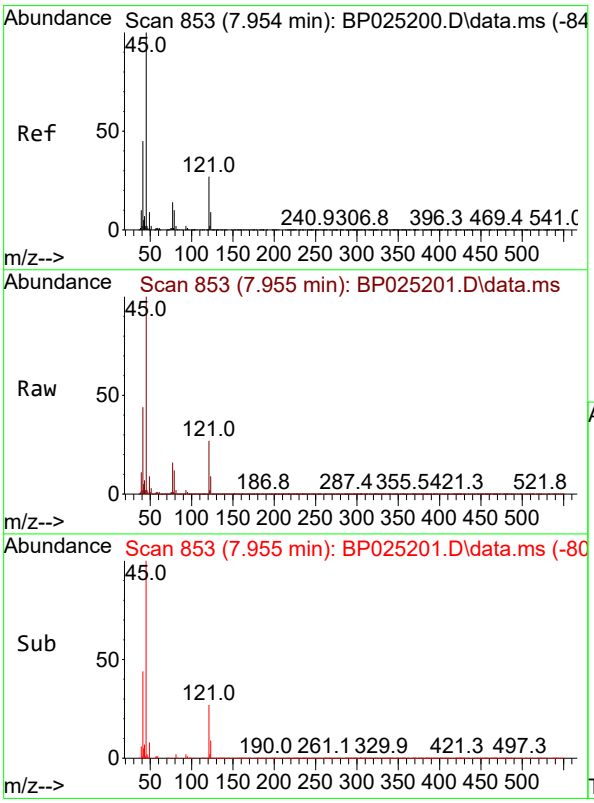
Ion	Ratio	Lower	Upper
79	100		
108	84.4	67.8	101.6
77	63.2	49.9	74.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

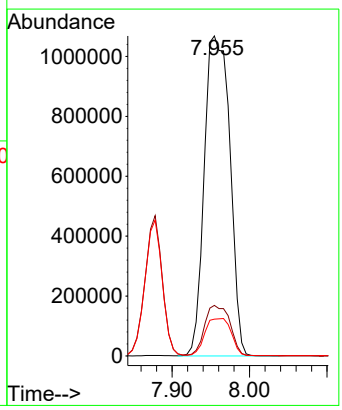
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

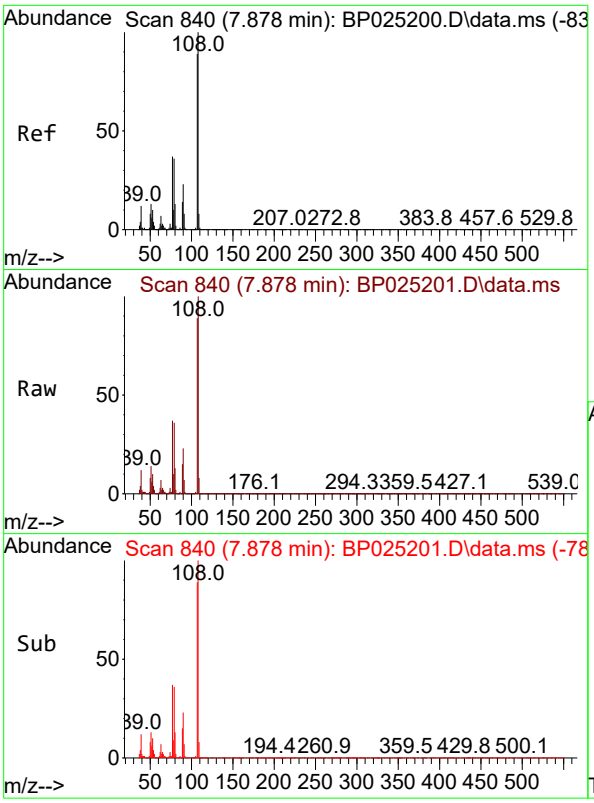


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.952 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 45 Resp: 2446484

Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	36.0
79	11.5	0.0	31.7

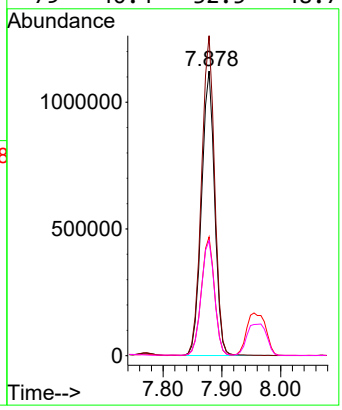




#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 173357

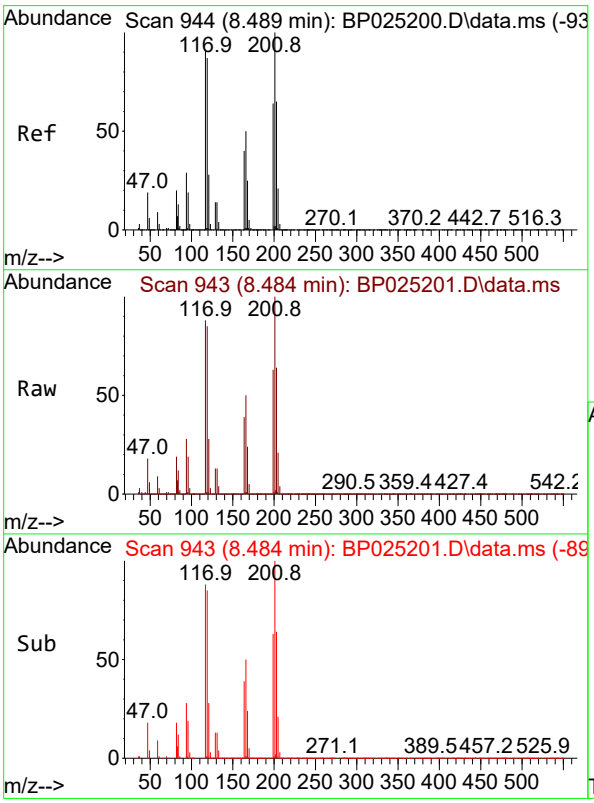
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	41.7	33.2	49.8
79	40.4	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

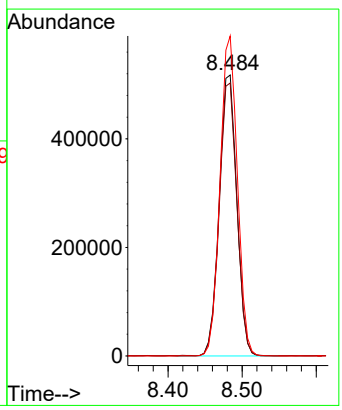
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

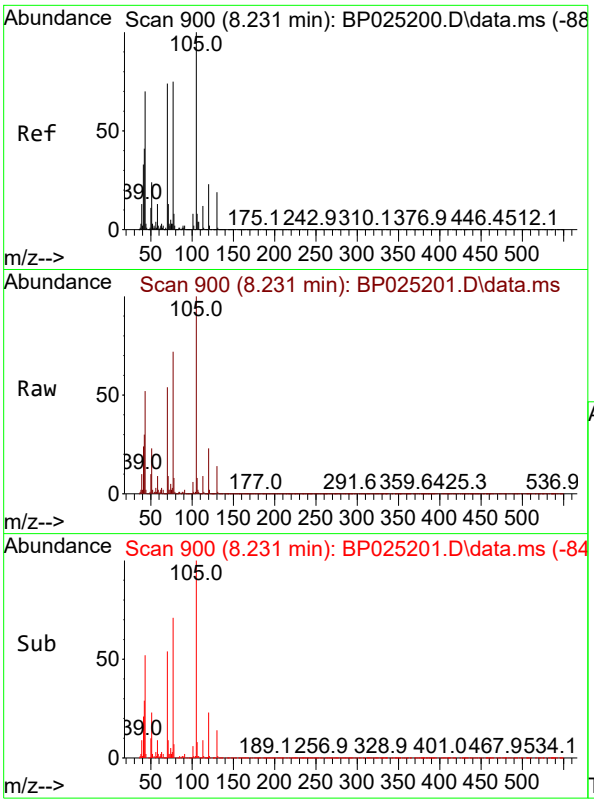


#18
Hexachloroethane
Concen: 52.844 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:117 Resp: 853688

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	113.9	88.3	132.5

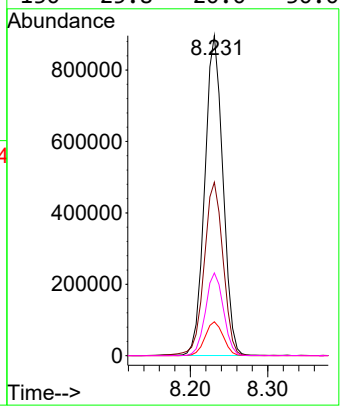




#19
n-Nitroso-di-n-propylamine
Concen: 53.253 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 70 Resp: 145520(

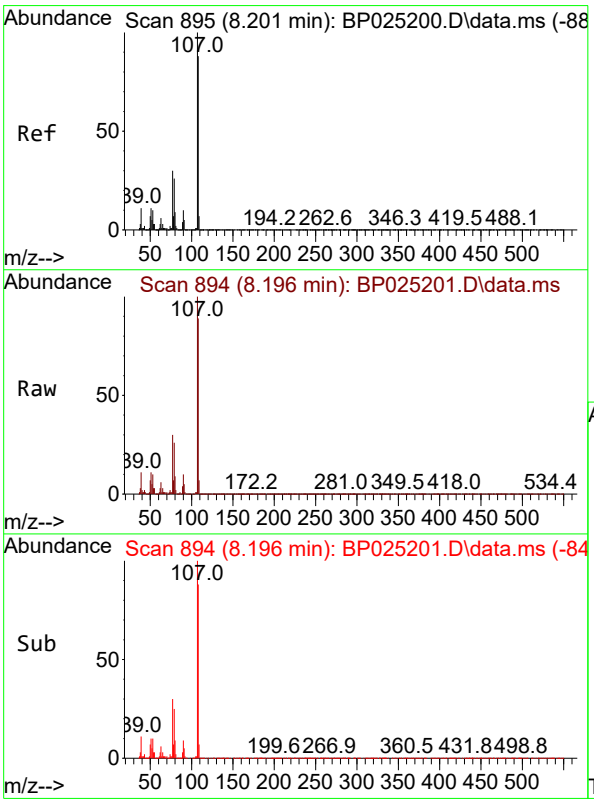
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.6	8.6	12.8
130	25.8	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

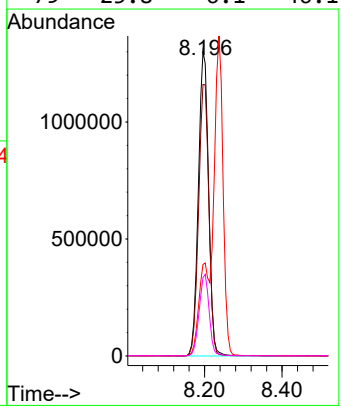
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

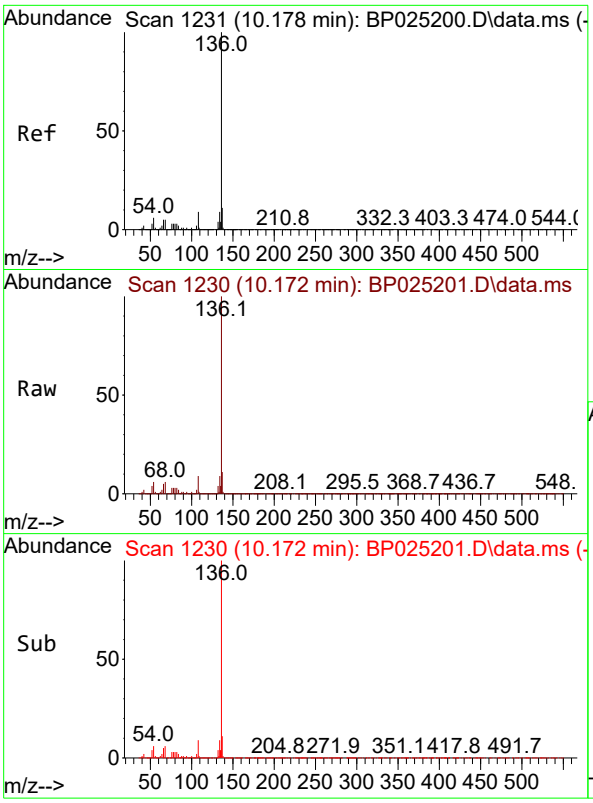


#20
3+4-Methylphenols
Concen: 53.601 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2375514

Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.8	107.8
77	30.0	10.3	50.3
79	25.8	6.1	46.1

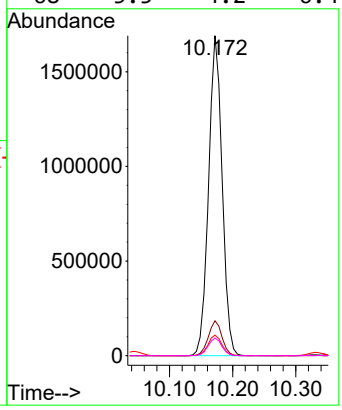




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:136 Resp: 251640

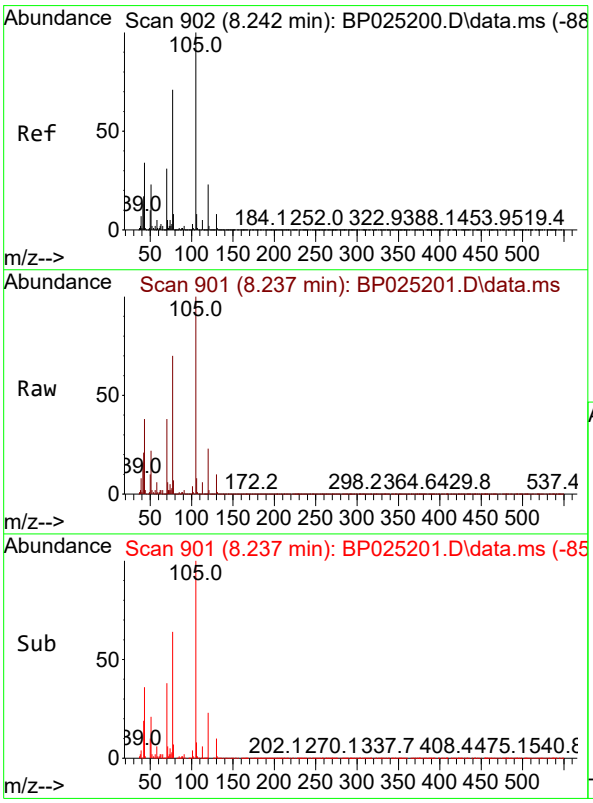
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

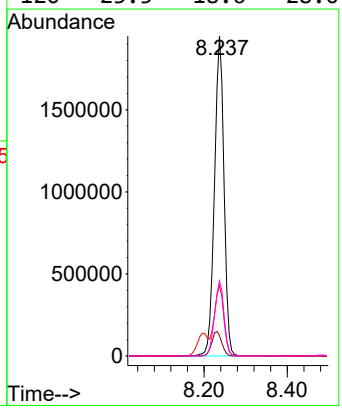
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

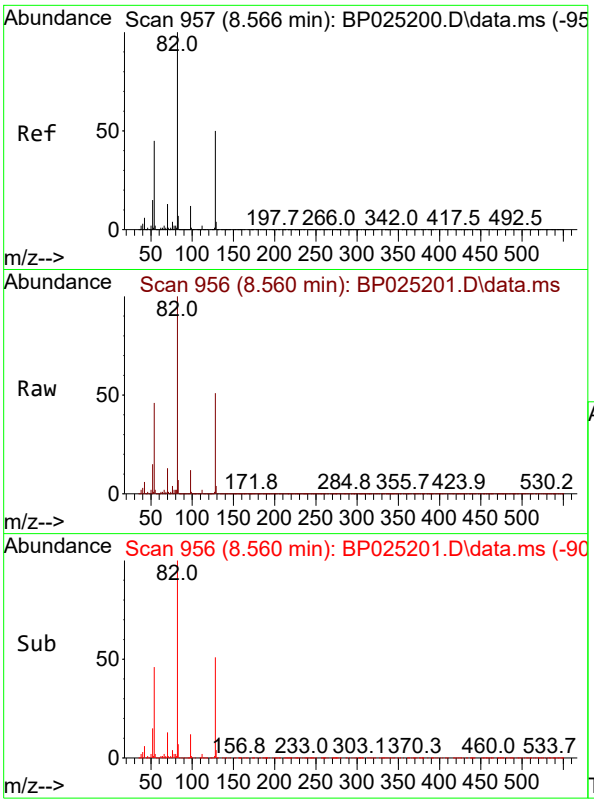


#22
Acetophenone
Concen: 51.751 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:105 Resp: 3084434

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.1	6.1#
51	22.0	18.5	27.7
120	23.5	18.6	28.0

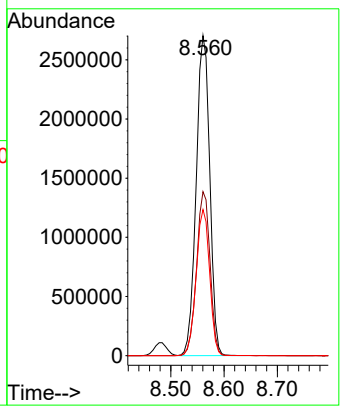




#23
Nitrobenzene-d5
Concen: 104.177 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 82 Resp: 478139

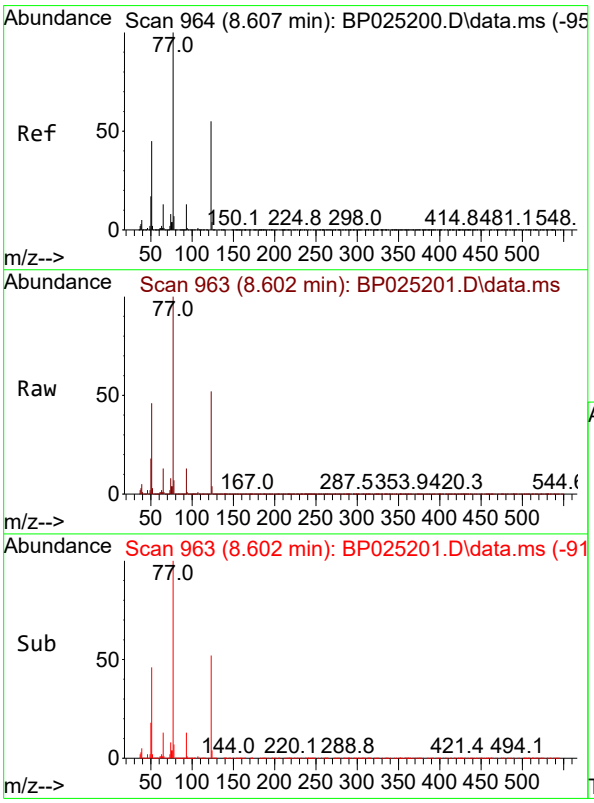
Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.2	60.4
54	45.7	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

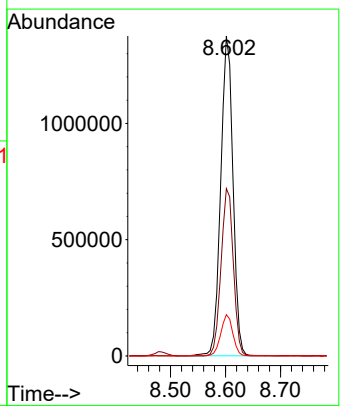
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

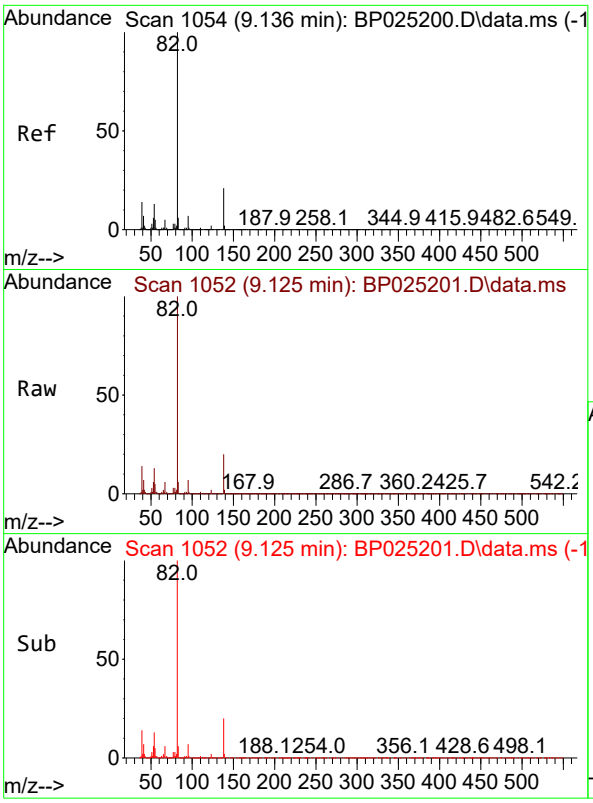


#24
Nitrobenzene
Concen: 52.274 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 2126232

Ion	Ratio	Lower	Upper
77	100		
123	52.3	43.6	65.4
65	12.9	10.2	15.2





#25
Isophorone
Concen: 51.908 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

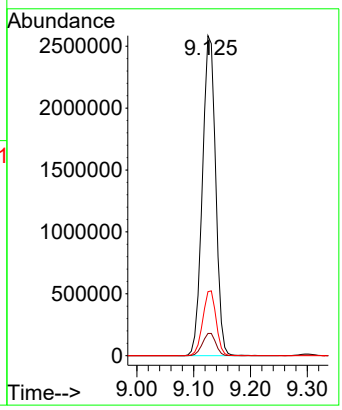
Tgt Ion: 82 Resp: 417256

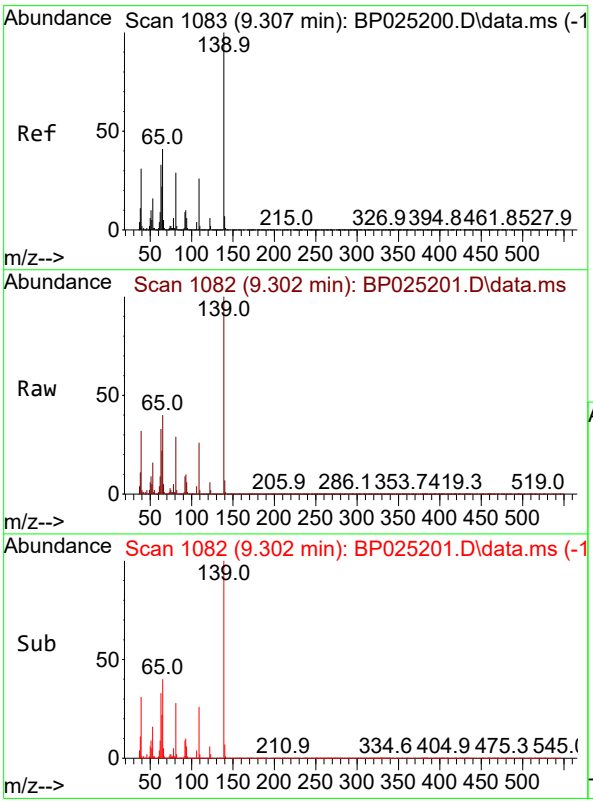
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.0	16.6	25.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

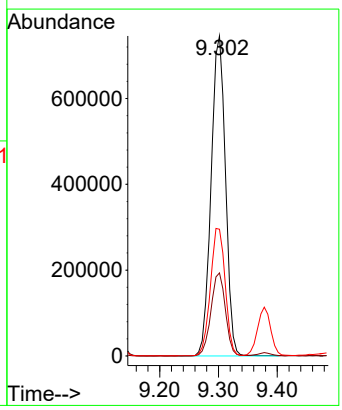


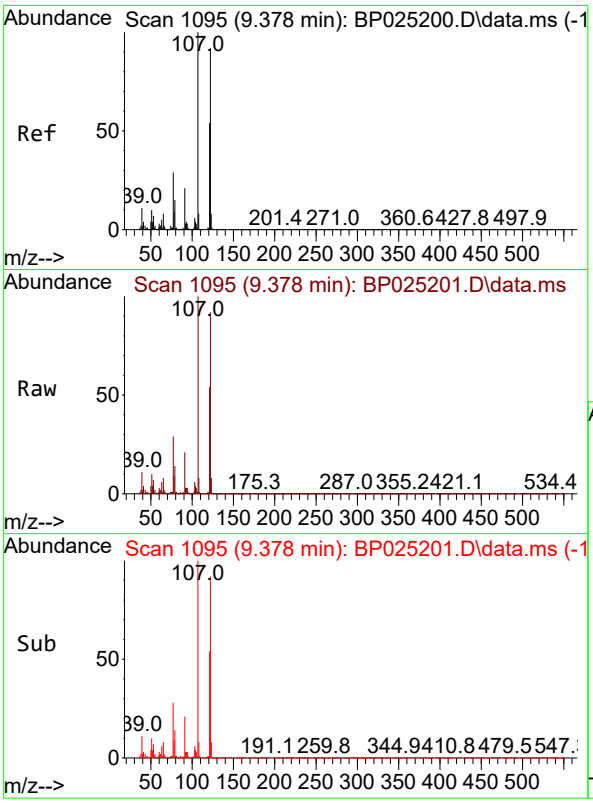


#26
2-Nitrophenol
Concen: 55.364 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1267530

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	39.6	32.7	49.1

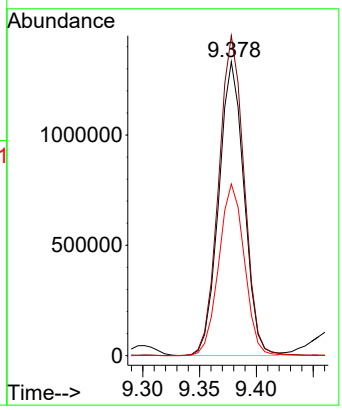




#27
2,4-Dimethylphenol
Concen: 52.940 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 206335

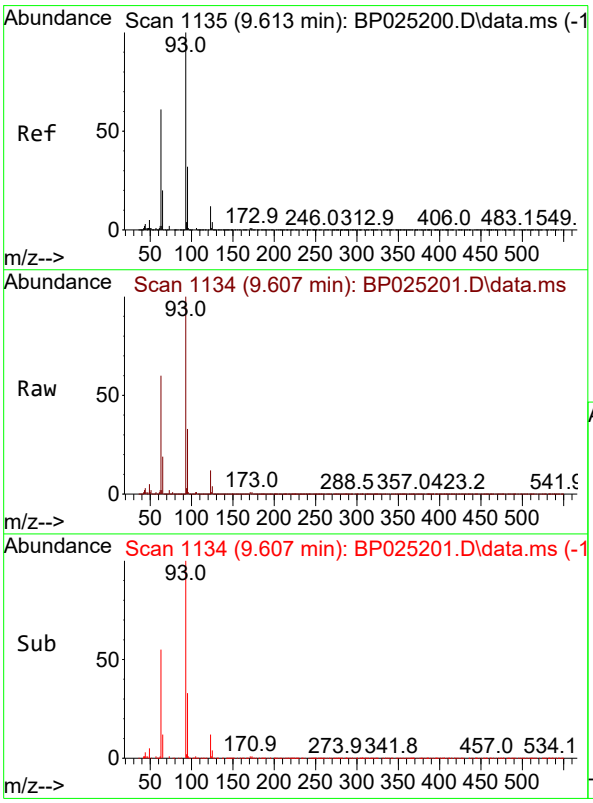
Ion	Ratio	Lower	Upper
122	100		
107	108.9	87.0	130.4
121	58.4	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

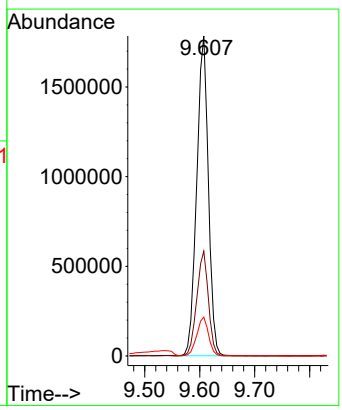
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

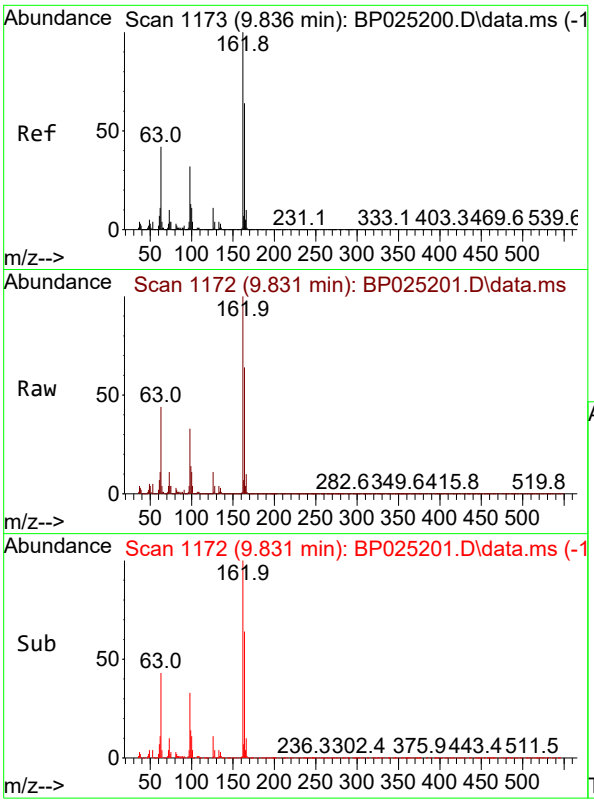


#28
bis(2-Chloroethoxy)methane
Concen: 52.034 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 2625875

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	12.1	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 52.875 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

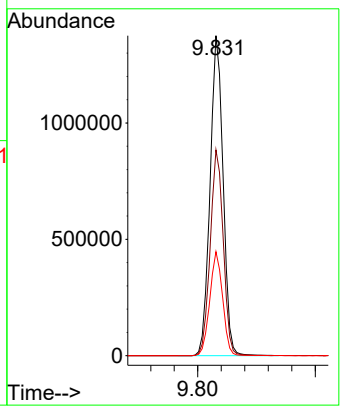
Tgt Ion:162 Resp: 211369

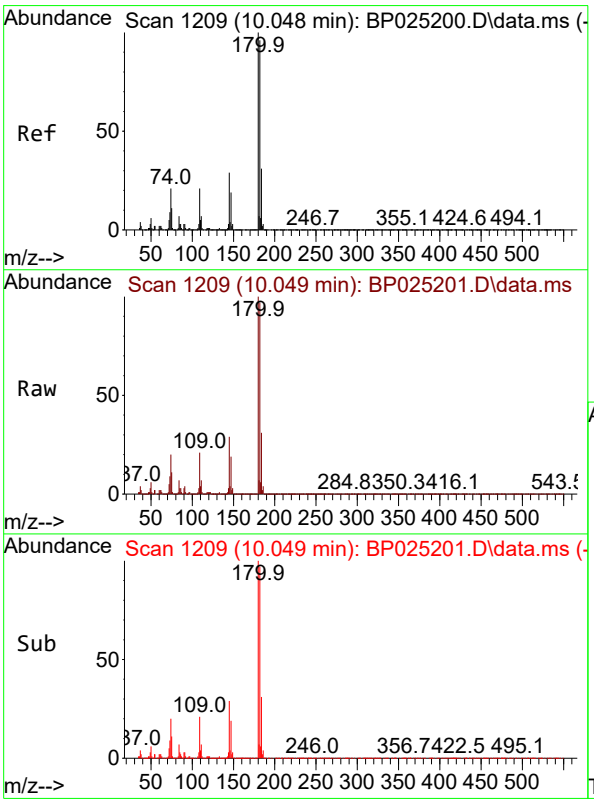
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	32.5	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

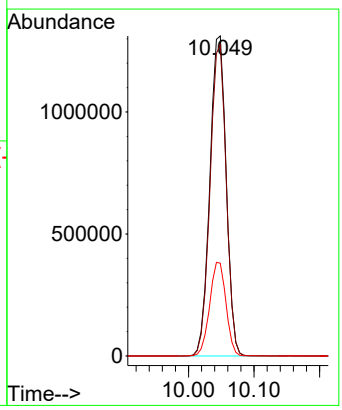


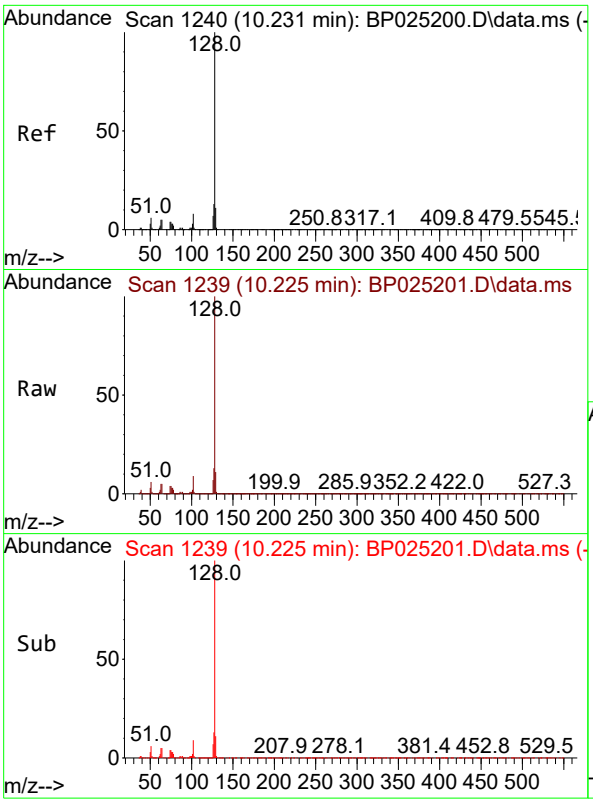


#30
1,2,4-Trichlorobenzene
Concen: 51.620 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:180 Resp: 2270580

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.7	115.1
145	29.0	23.5	35.3

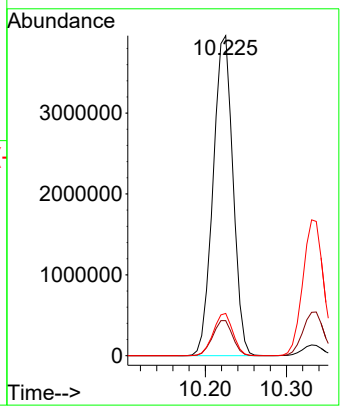




#31
Naphthalene
Concen: 51.375 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 673264

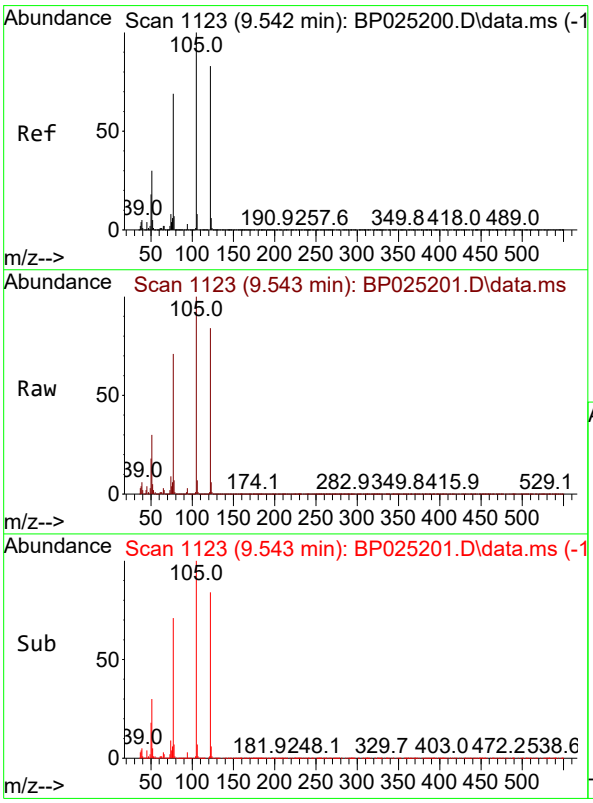
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6



Instrument :
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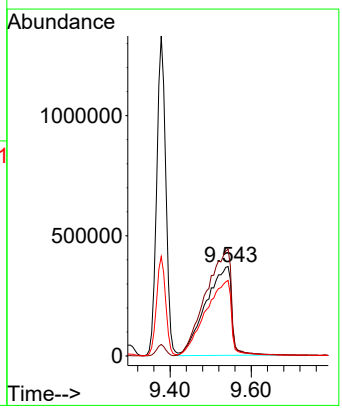
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

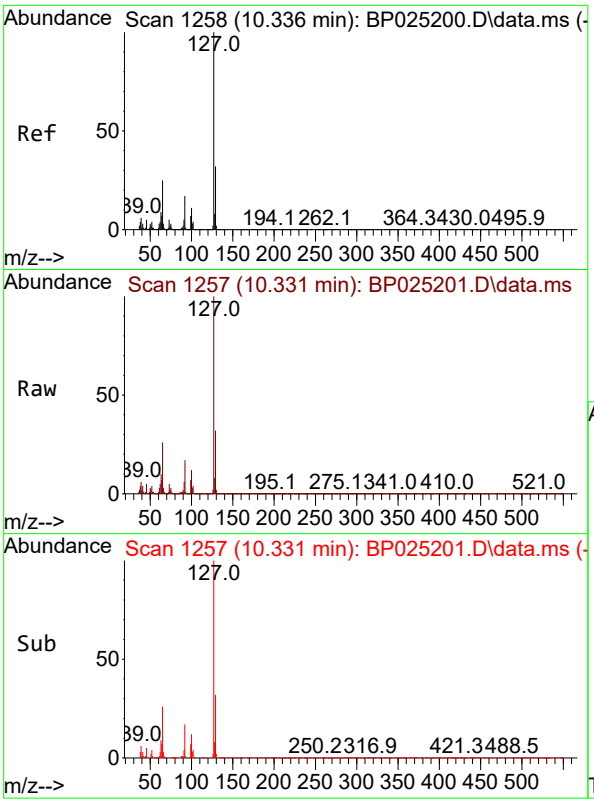


#32
Benzoic acid
Concen: 57.886 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 1647738

Ion	Ratio	Lower	Upper
122	100		
105	119.4	98.1	138.1
77	84.5	62.7	102.7

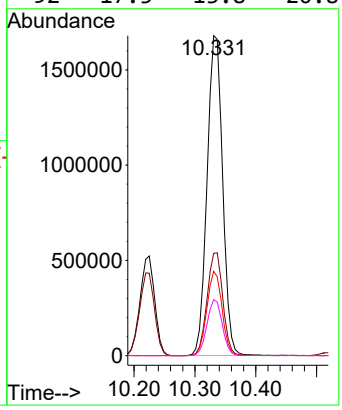




#33
4-Chloroaniline
Concen: 52.480 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:127 Resp: 298613

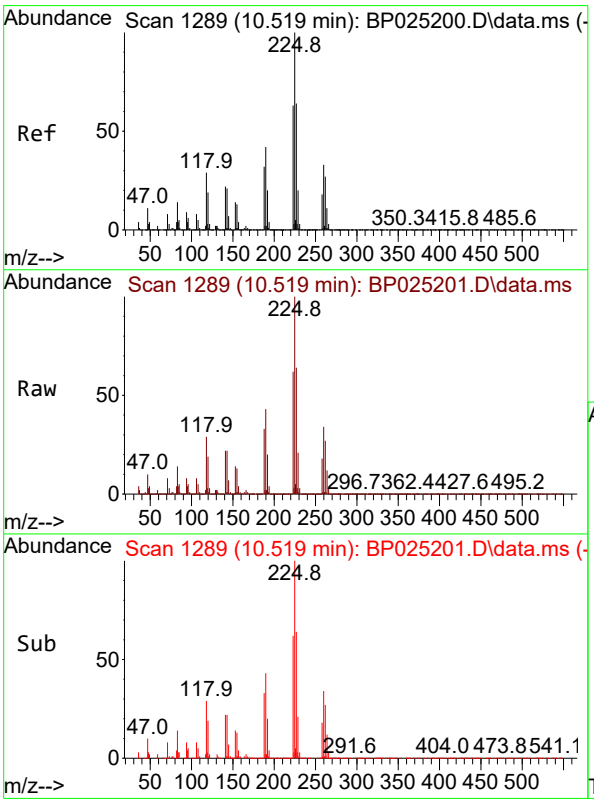
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.4	20.2	30.4
92	17.5	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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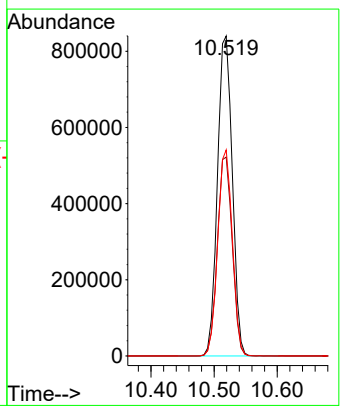
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

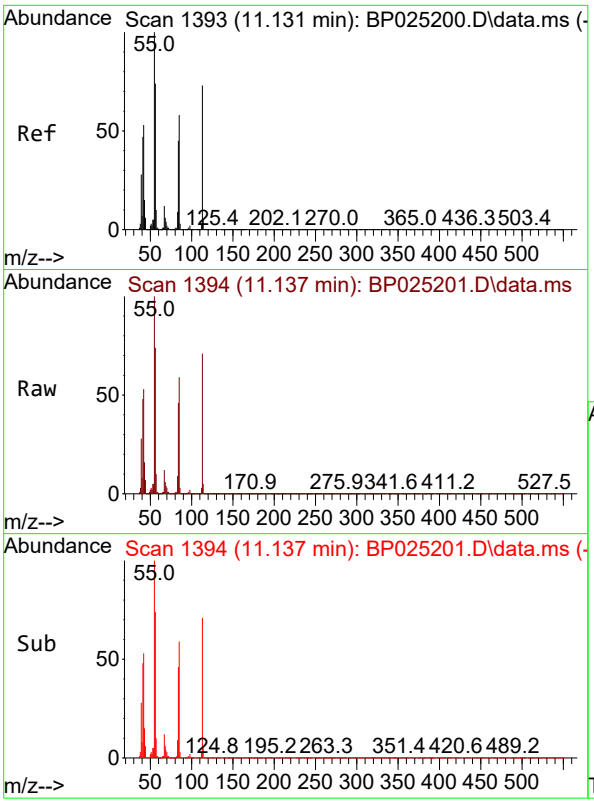


#34
Hexachlorobutadiene
Concen: 51.718 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:225 Resp: 1366194

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0

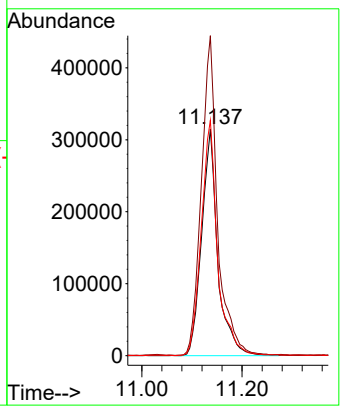




#35
Caprolactam
Concen: 53.331 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:113 Resp: 70161

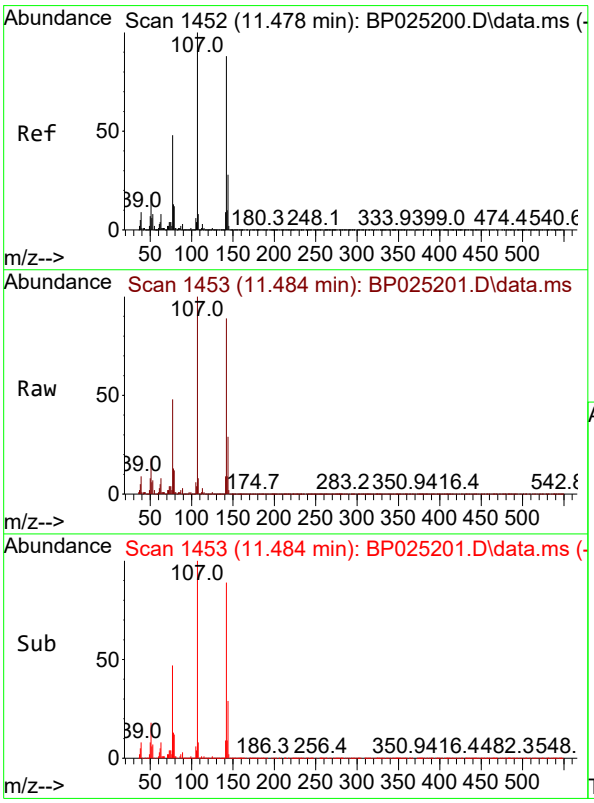
Ion	Ratio	Lower	Upper
113	100		
55	141.2	117.6	157.6
56	103.8	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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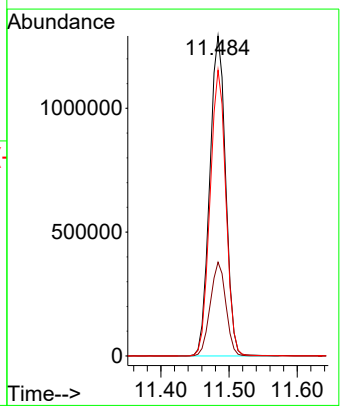
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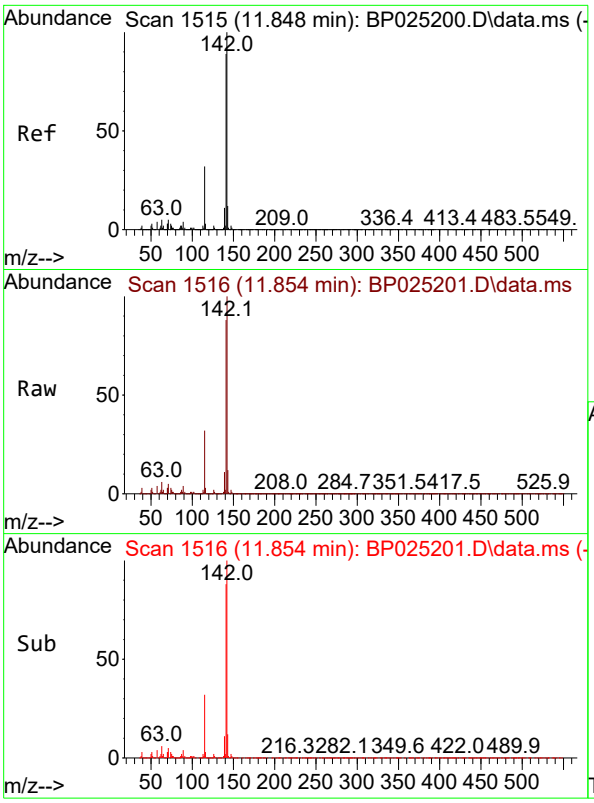


#36
4-Chloro-3-methylphenol
Concen: 52.551 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2098032

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	89.3	70.6	105.8

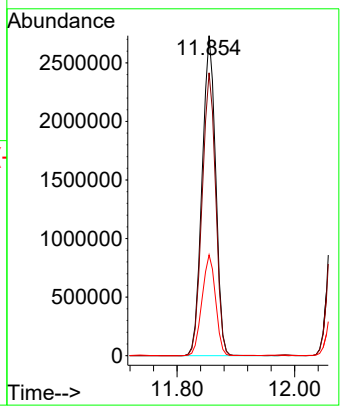




#37
2-Methylnaphthalene
Concen: 51.634 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 437653

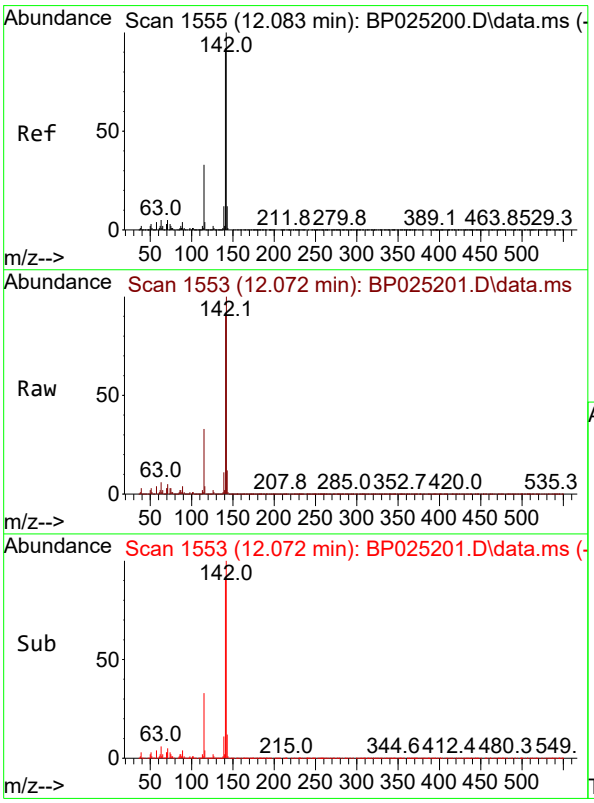
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	31.5	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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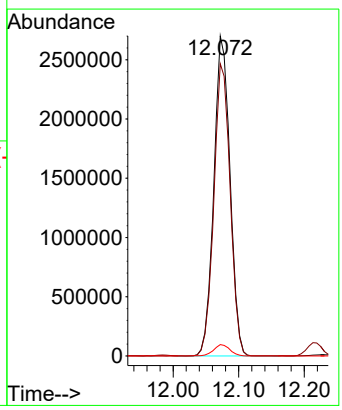
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

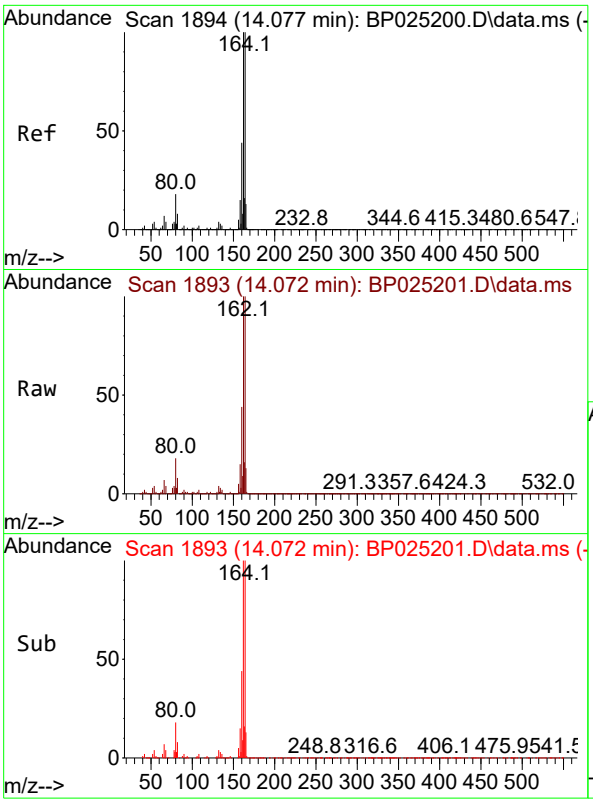


#38
1-Methylnaphthalene
Concen: 51.546 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 4608074

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2

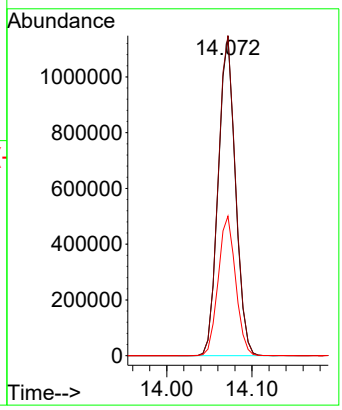




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:164 Resp: 160400

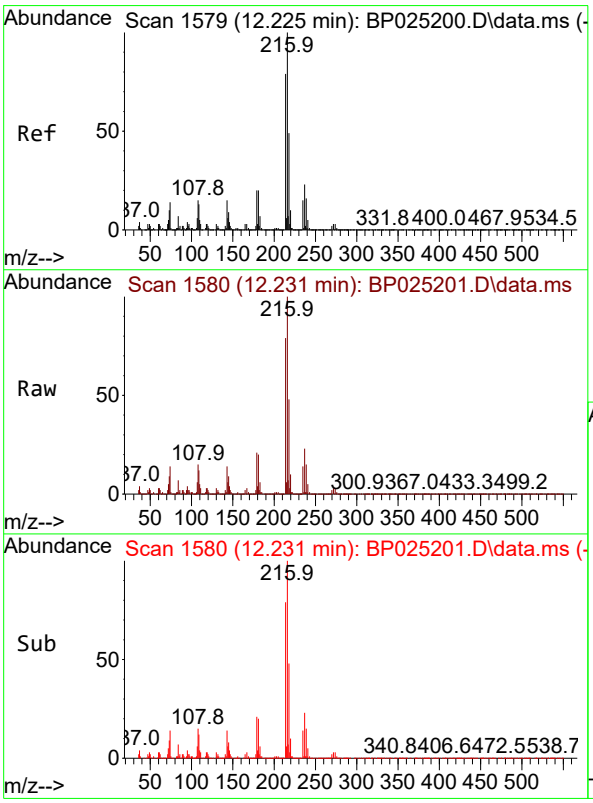
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	43.6	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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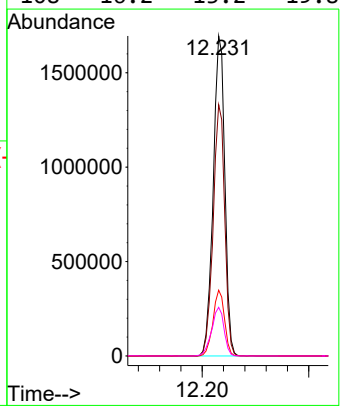
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

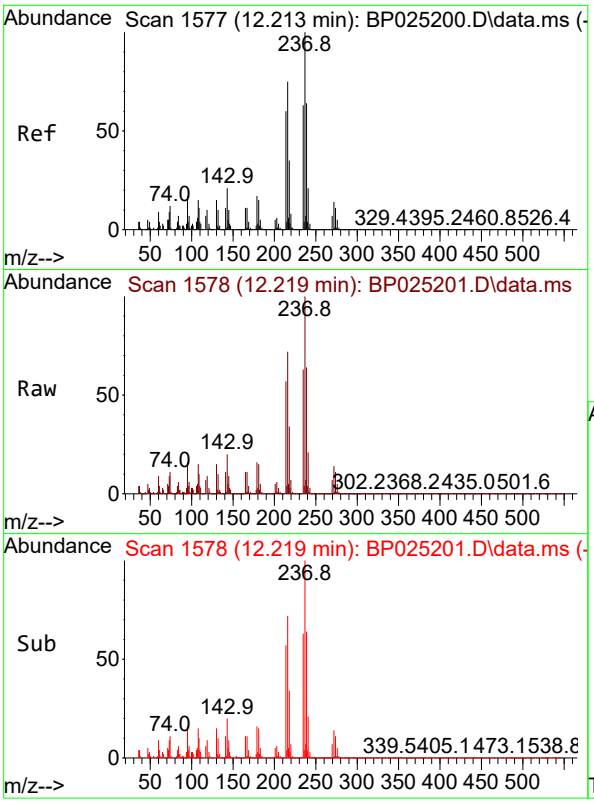


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:216 Resp: 2560877

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
179	20.5	16.2	24.4
108	16.2	13.2	19.8





#41
Hexachlorocyclopentadiene
Concen: 58.674 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

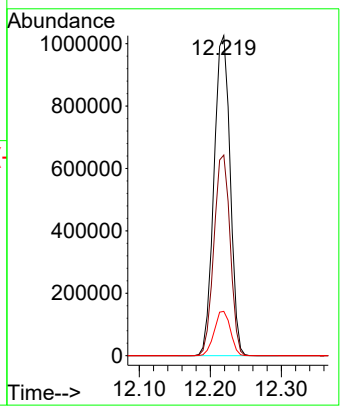
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

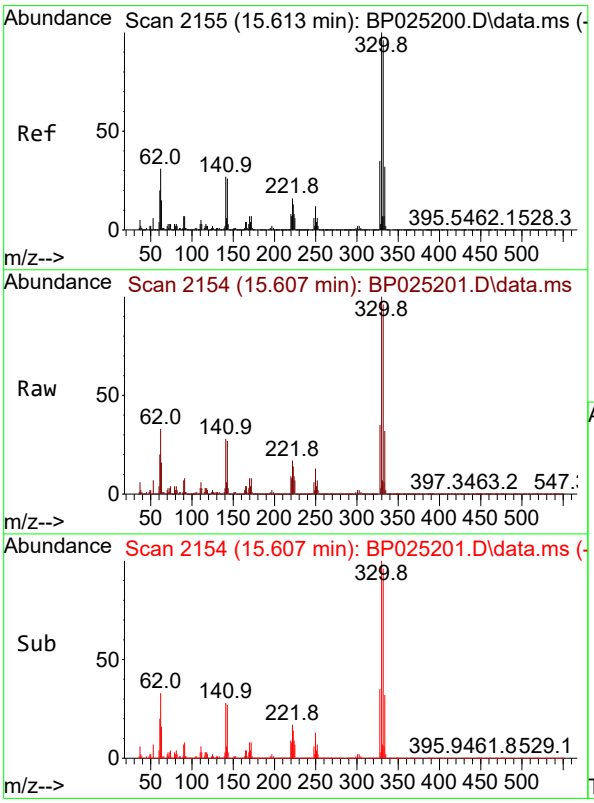
Tgt Ion:237 Resp: 161618

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.9	0.0	33.6

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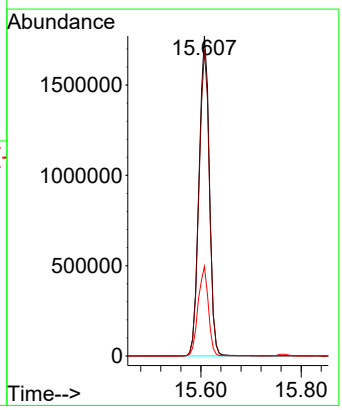


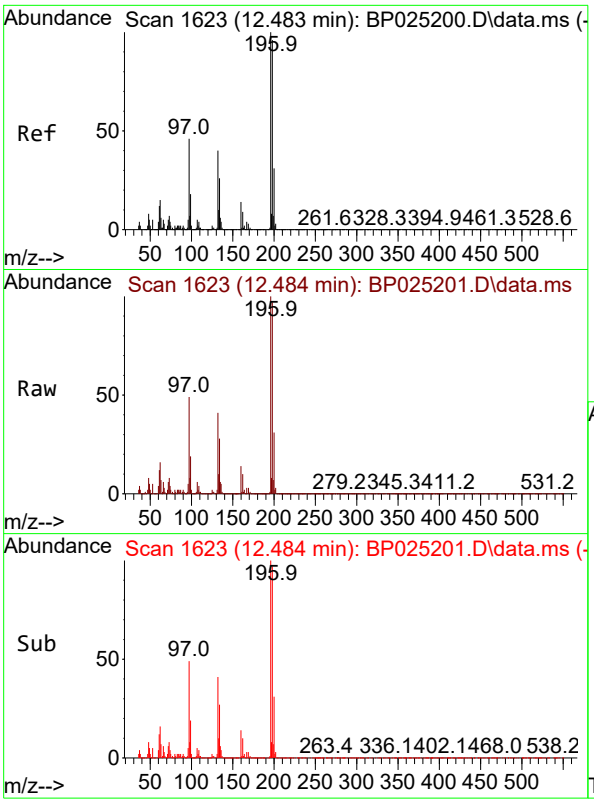


#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:330 Resp: 2533319

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	27.6	22.4	33.6

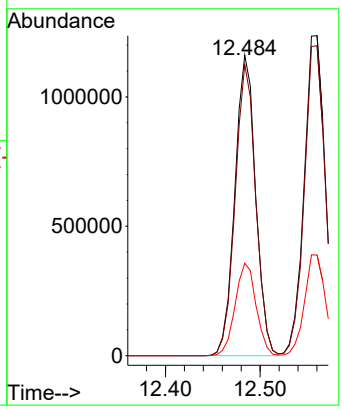




#43
2,4,6-Trichlorophenol
Concen: 53.947 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 177061

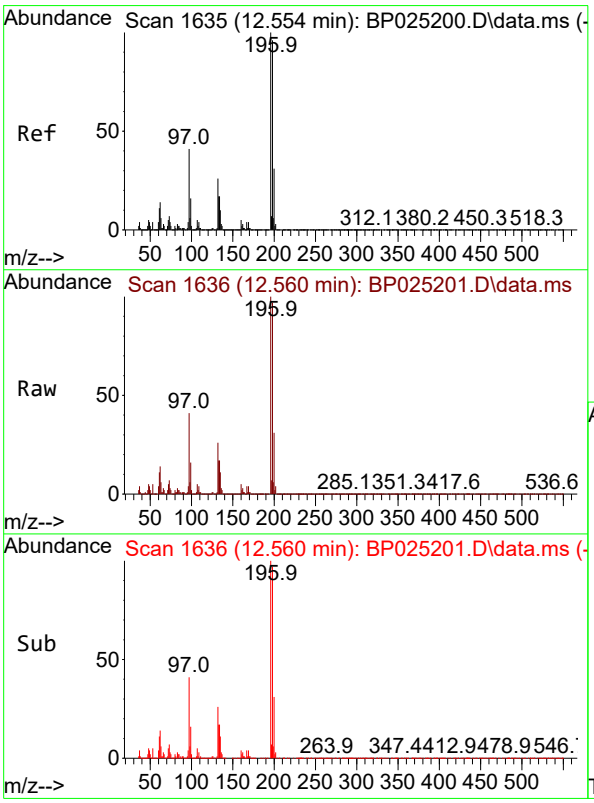
Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	114.8
200	30.8	24.7	37.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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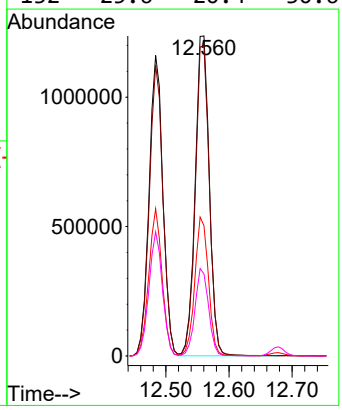
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

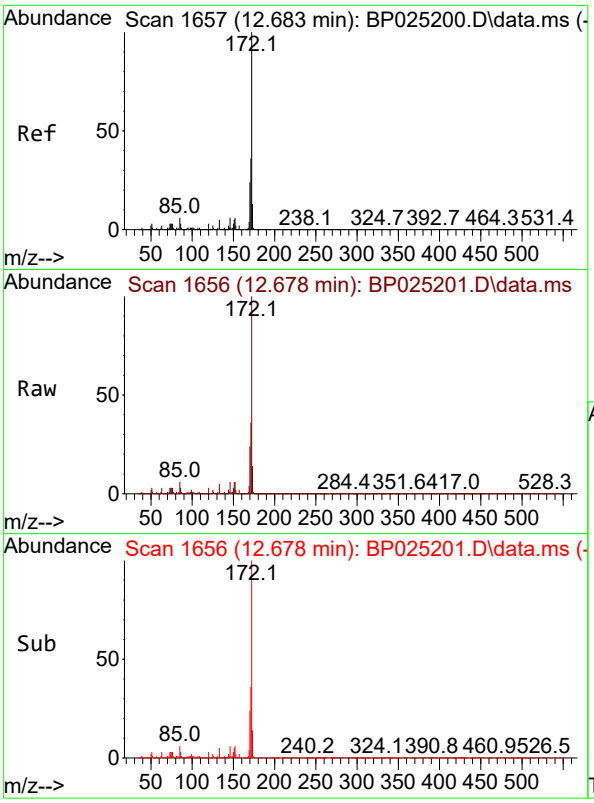


#44
2,4,5-Trichlorophenol
Concen: 53.026 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 1918353

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	40.7	33.0	49.4
132	25.6	20.4	30.6

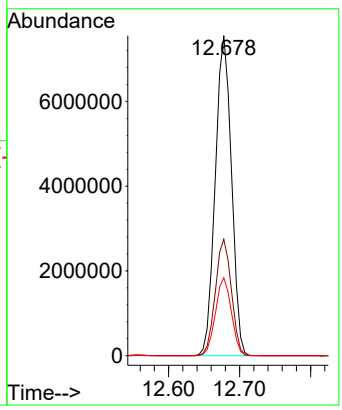




#45
2-Fluorobiphenyl
Concen: 98.364 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:172 Resp:1191755

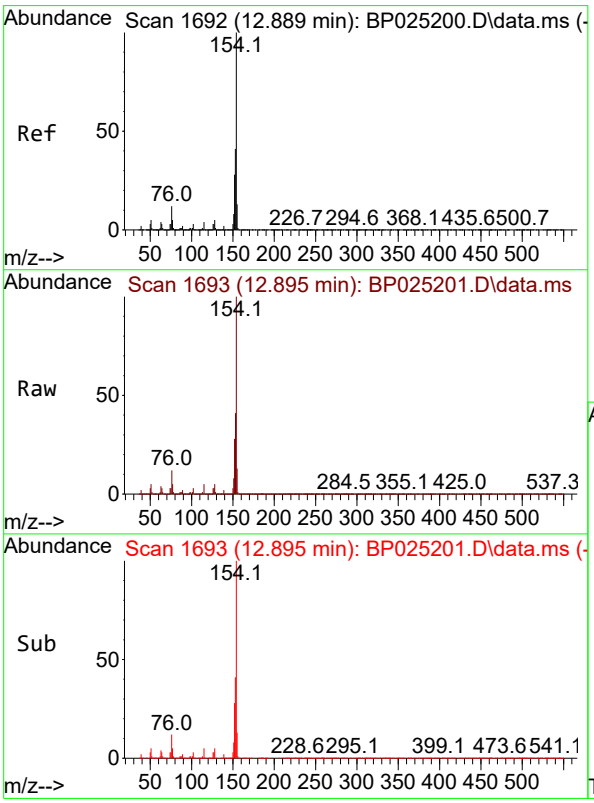
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.8	43.2
170	24.3	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
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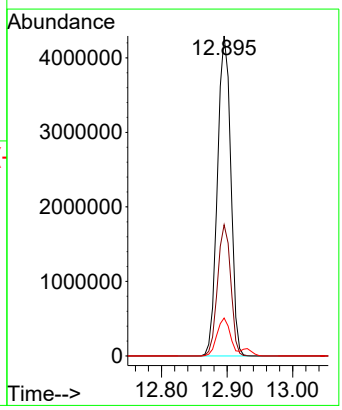
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

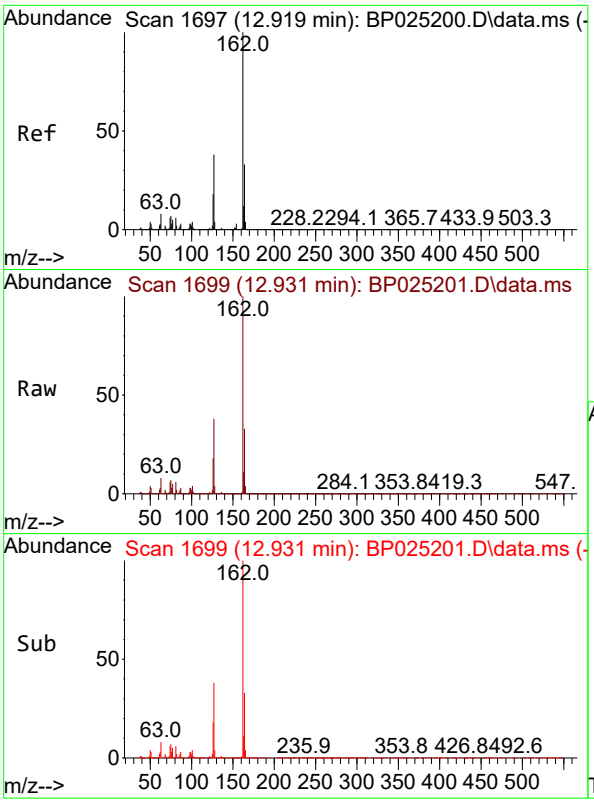


#46
1,1'-Biphenyl
Concen: 50.798 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 6024880

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	11.9	0.0	31.6

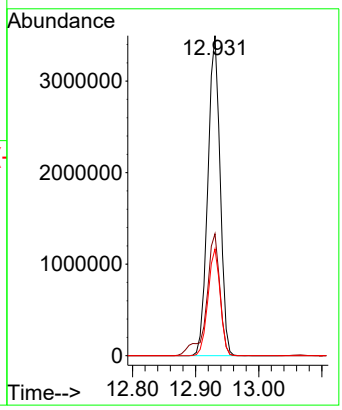




#47
2-Chloronaphthalene
Concen: 51.398 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:162 Resp: 472291

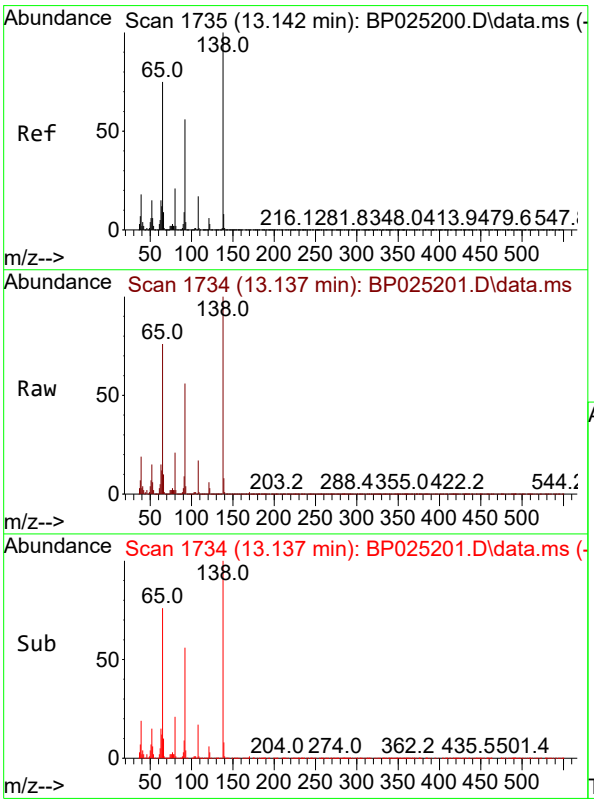
Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.1	45.1
164	33.4	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

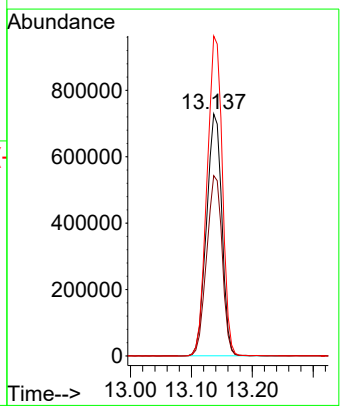
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

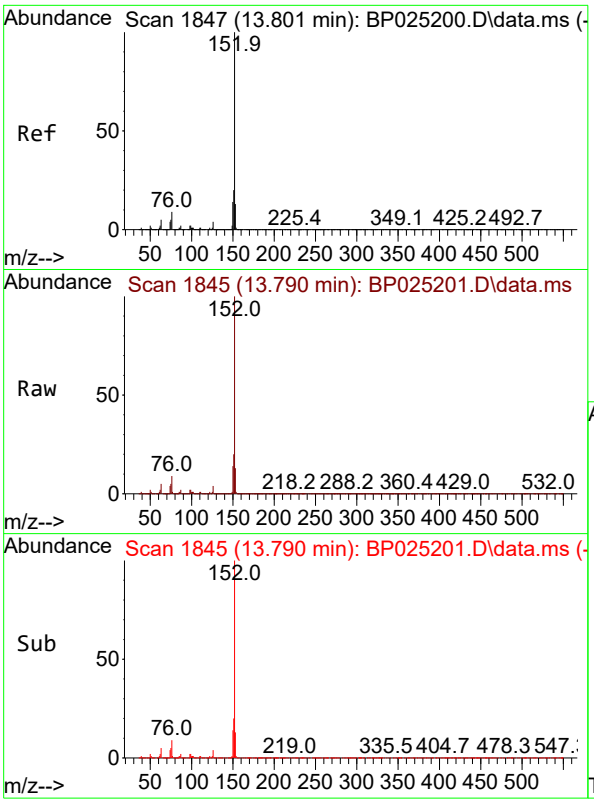


#48
2-Nitroaniline
Concen: 55.436 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 65 Resp: 1277778

Ion	Ratio	Lower	Upper
65	100		
92	74.5	59.9	89.9
138	132.2	107.1	160.7

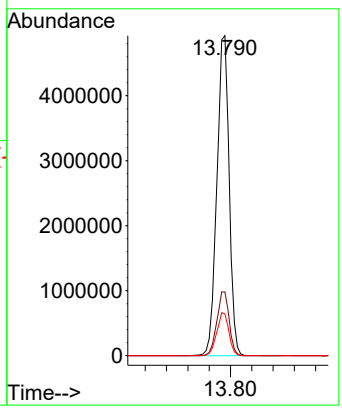




#49
Acenaphthylene
Concen: 52.119 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:152 Resp: 785326

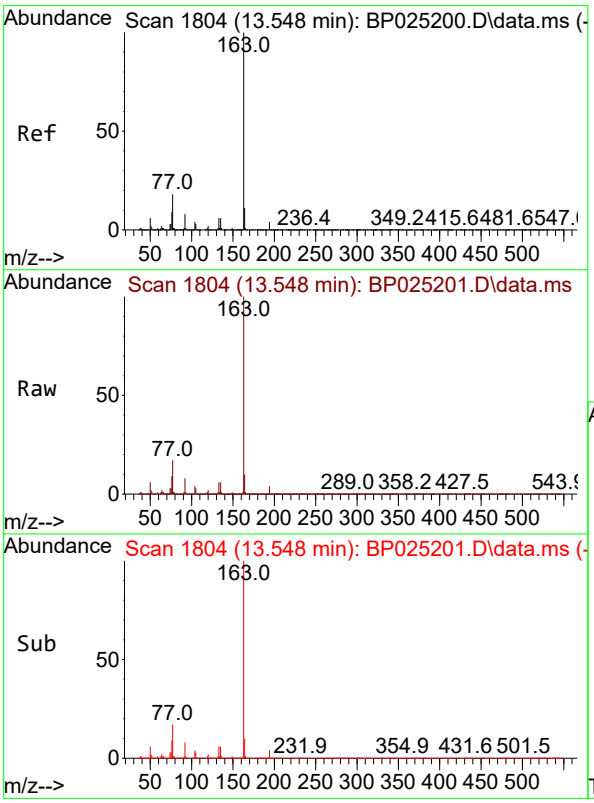
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

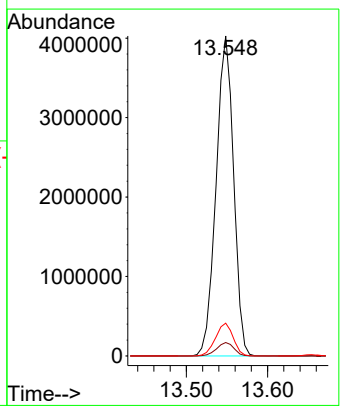
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

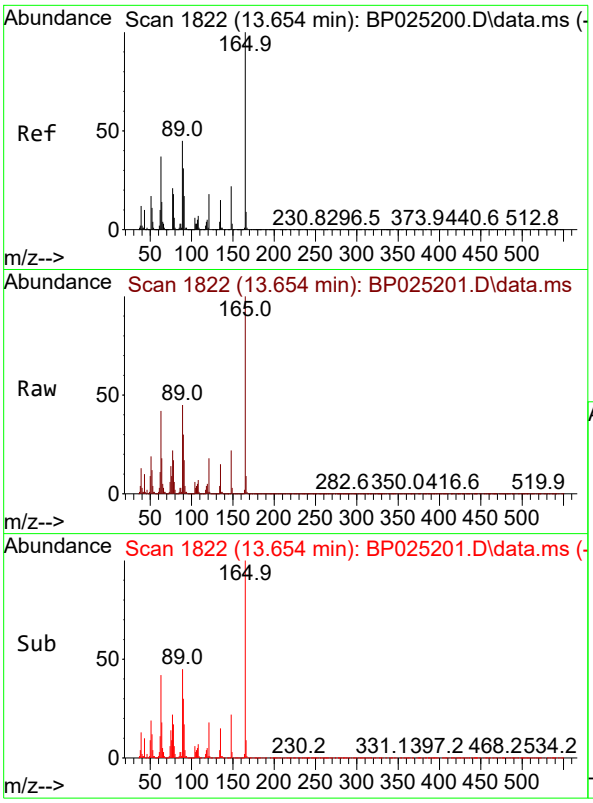


#50
Dimethylphthalate
Concen: 51.655 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:163 Resp: 6045361

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.5	12.7

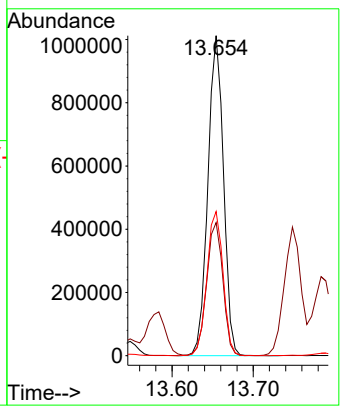




#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:165 Resp: 134524

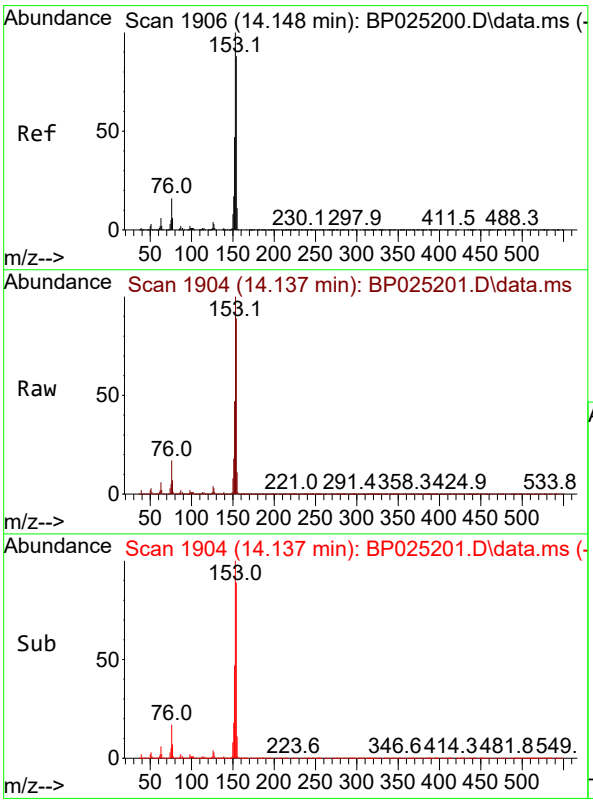
Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.2
89	45.1	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

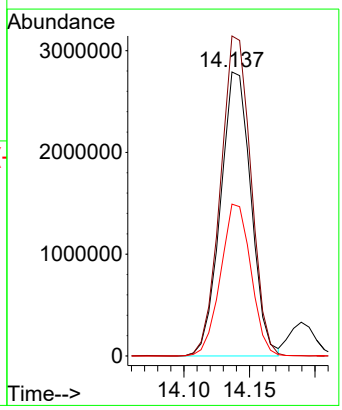
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

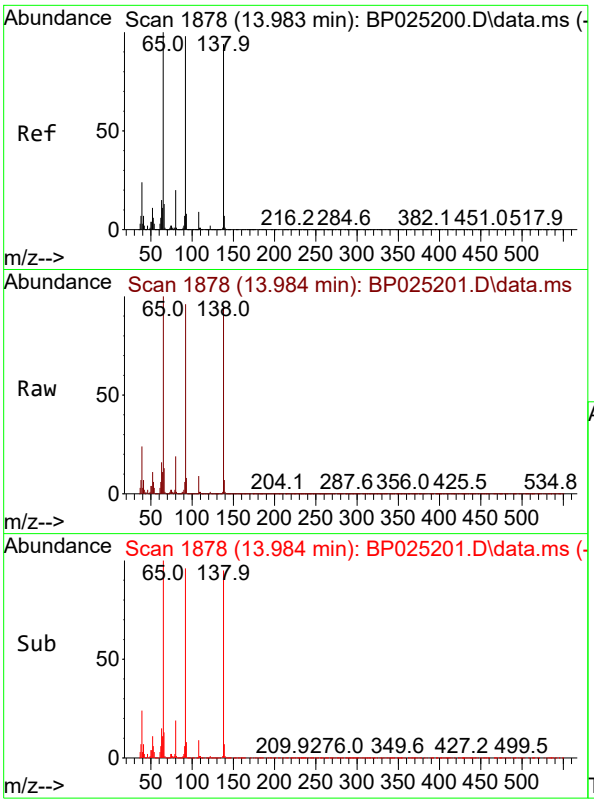


#52
Acenaphthene
Concen: 52.046 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 4517722

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.7	136.1
152	53.5	42.9	64.3





#53
3-Nitroaniline
Concen: 55.030 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

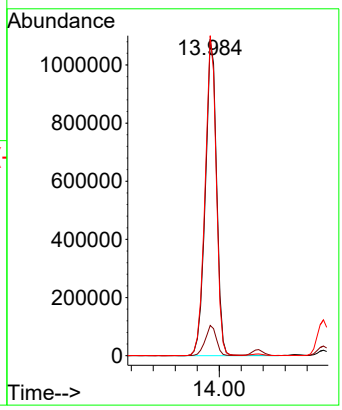
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

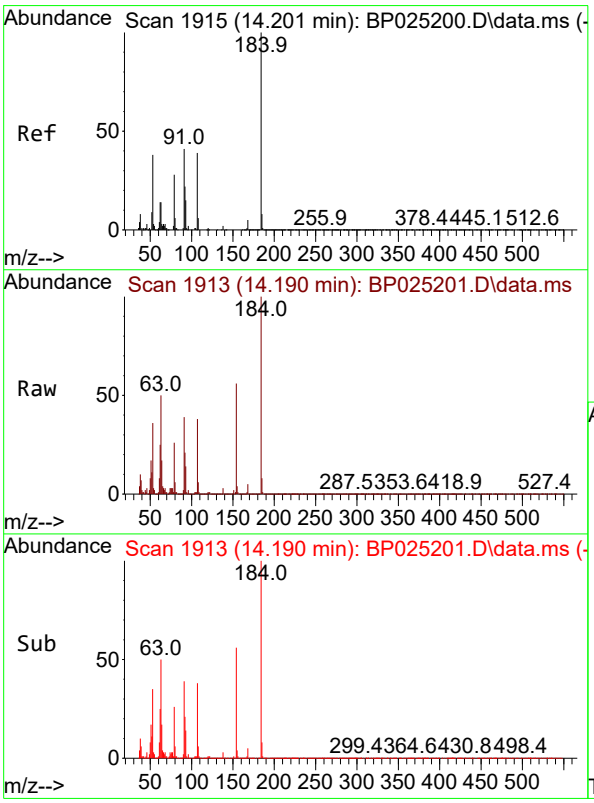
Tgt Ion:138 Resp: 153822

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	101.1	83.2	124.8

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

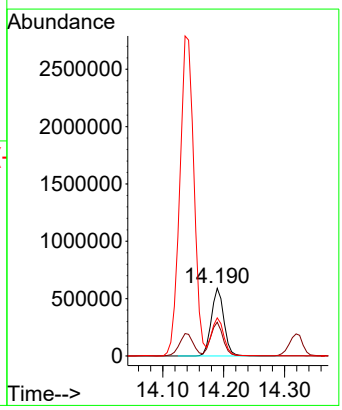


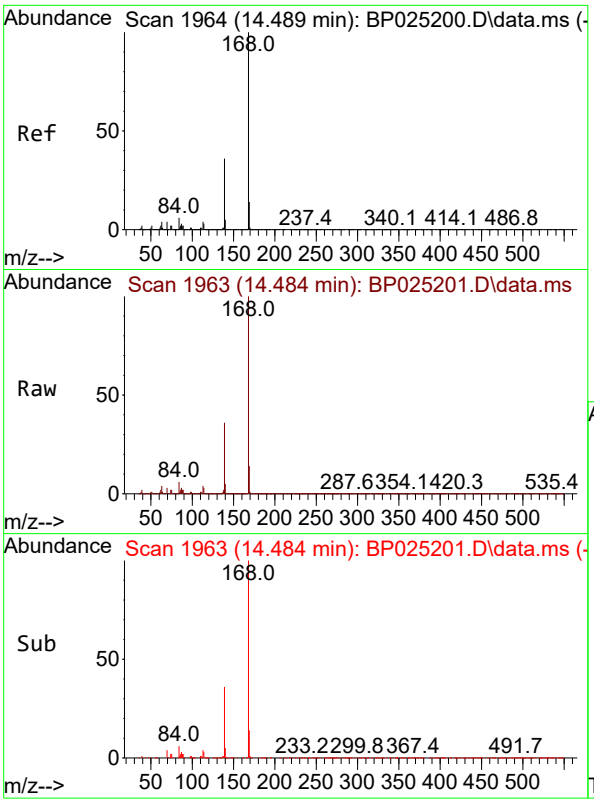


#54
2,4-Dinitrophenol
Concen: 60.917 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 845681

Ion	Ratio	Lower	Upper
184	100		
63	50.1	41.8	62.8
154	56.3	45.7	68.5

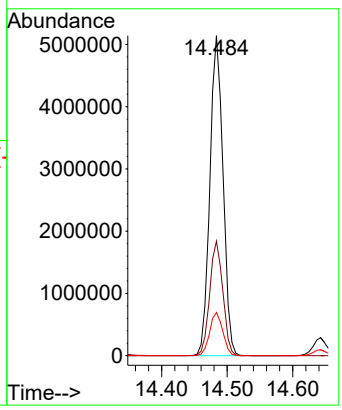




#55
Dibenzofuran
Concen: 50.912 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:168 Resp: 715519

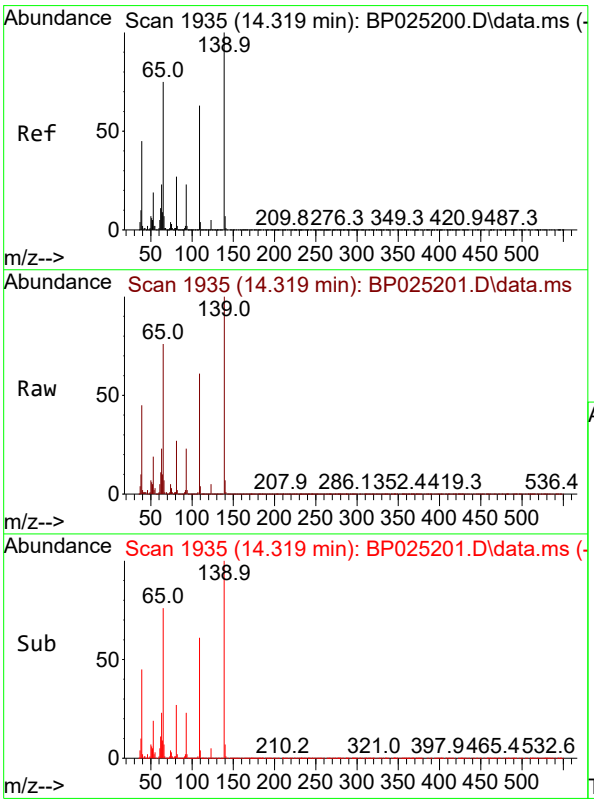
Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.7	43.1
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

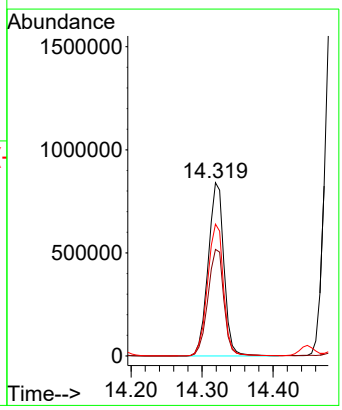
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

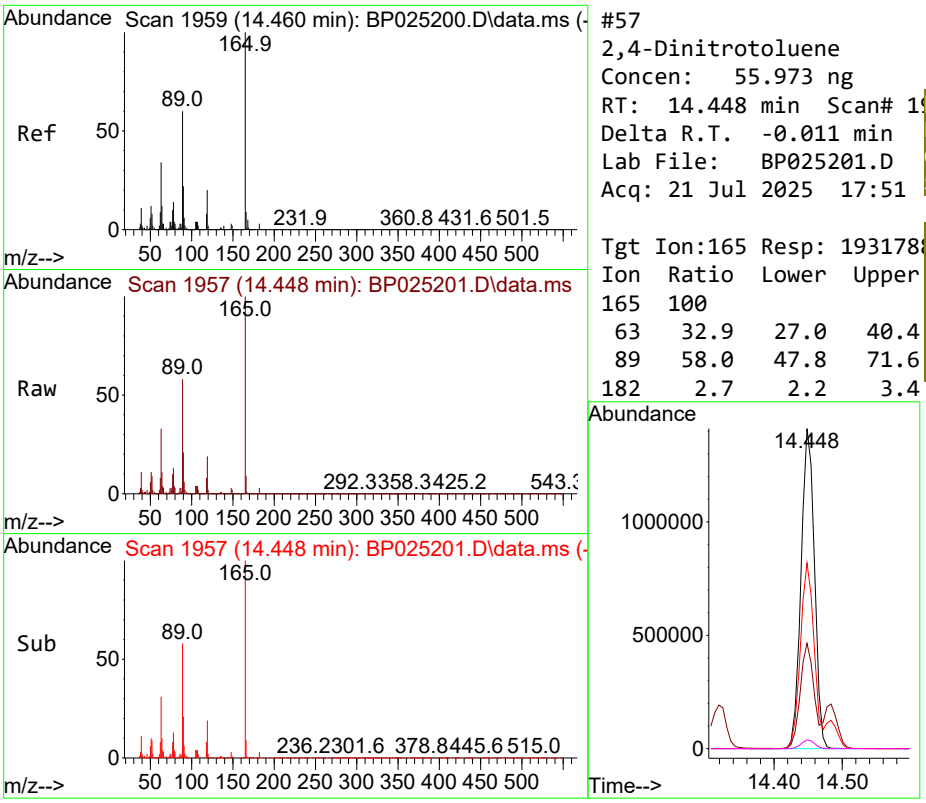


#56
4-Nitrophenol
Concen: 54.419 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1296281

Ion	Ratio	Lower	Upper
139	100		
109	61.5	42.6	82.6
65	76.1	55.4	95.4





#57
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

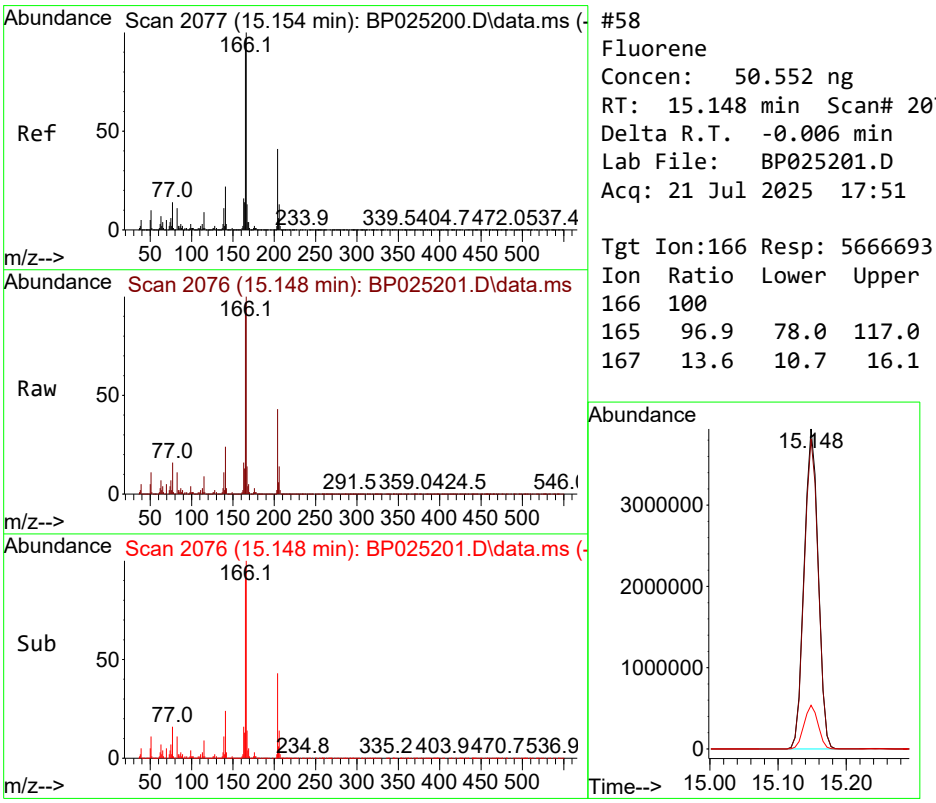
Tgt Ion:165 Resp: 193178

Ion	Ratio	Lower	Upper
165	100		
63	32.9	27.0	40.4
89	58.0	47.8	71.6
182	2.7	2.2	3.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

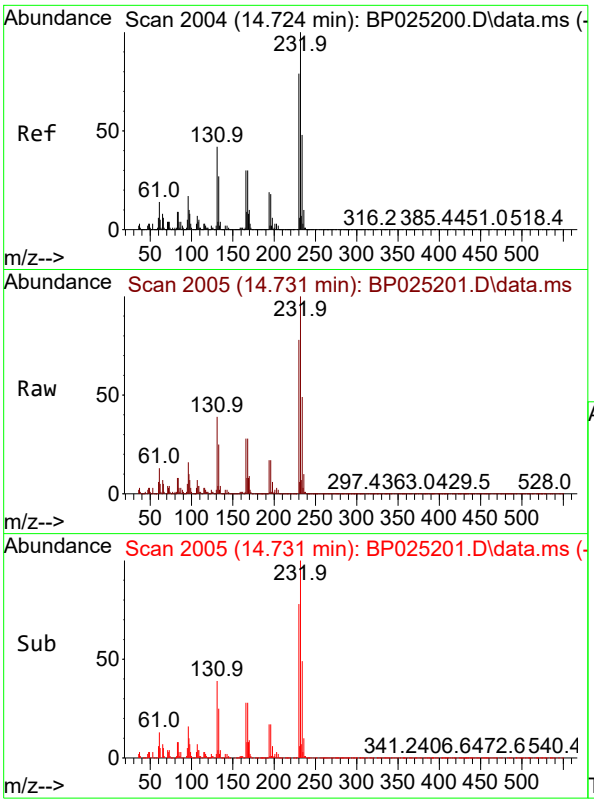
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#58
Fluorene
Concen: 50.552 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:166 Resp: 5666693

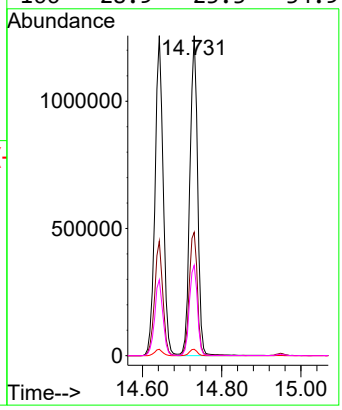
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.6	10.7	16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 53.430 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:232 Resp: 171111

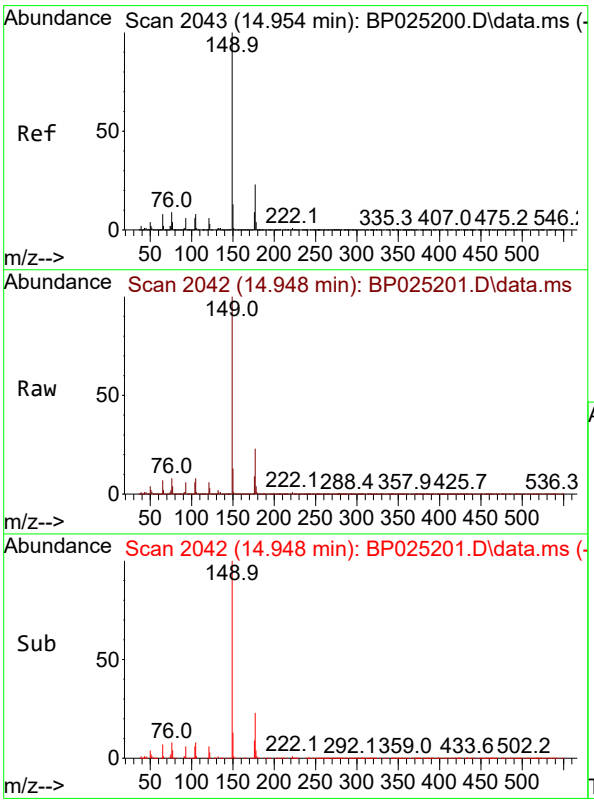
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	28.9	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

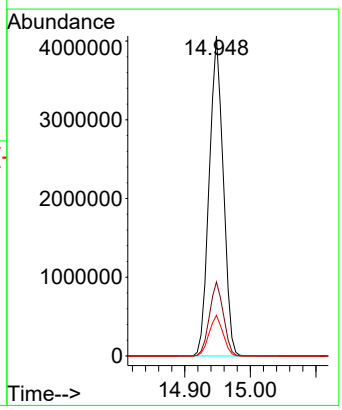
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

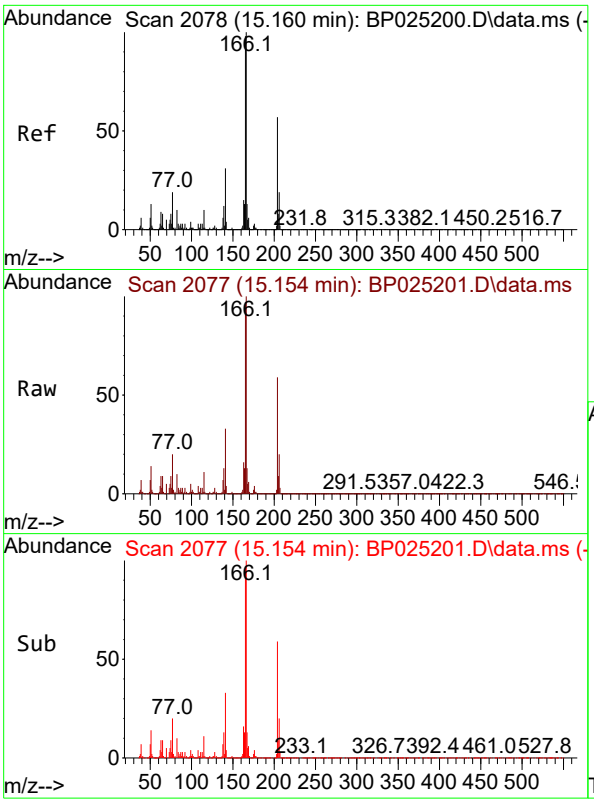


#60
Diethylphthalate
Concen: 52.170 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 6032748

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.7	10.0	15.0

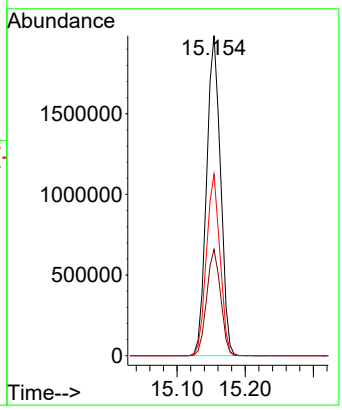




#61
4-Chlorophenyl-phenylether
Concen: 49.953 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:204 Resp: 282238

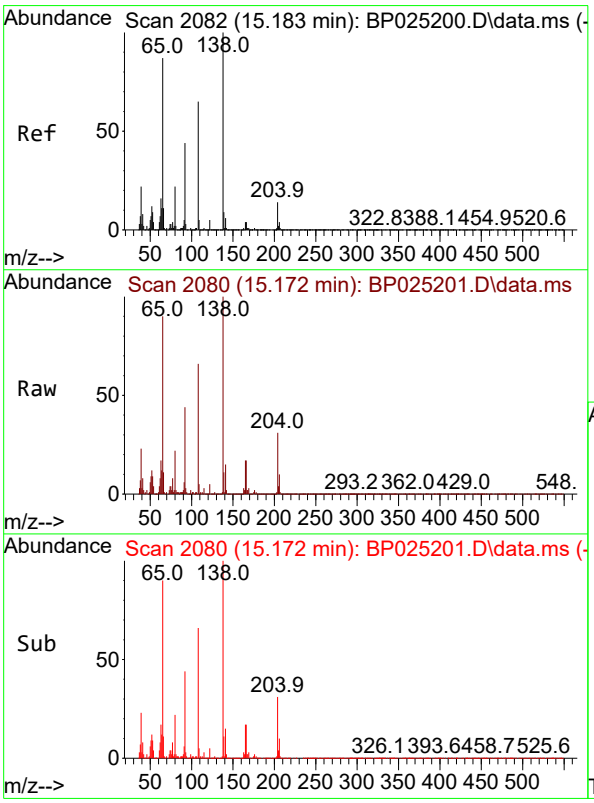
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.7	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

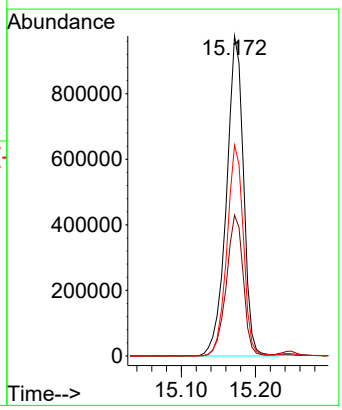
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

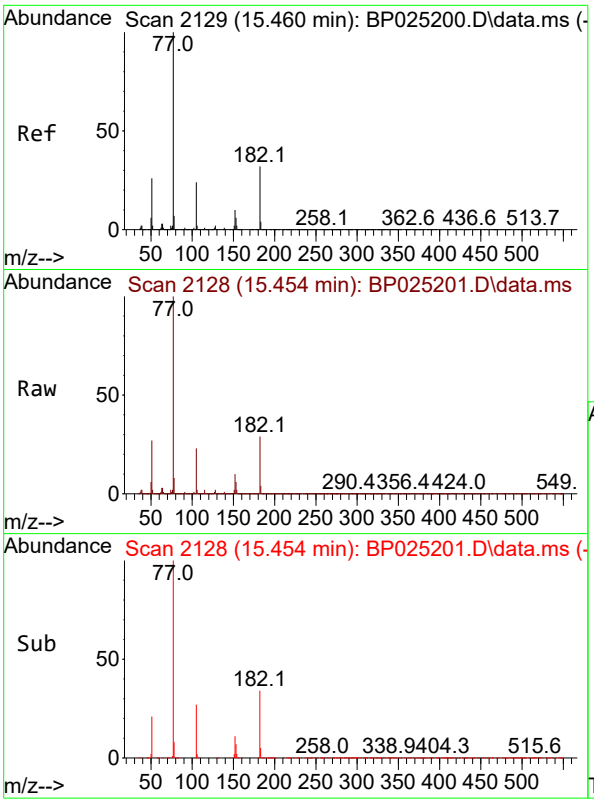


#62
4-Nitroaniline
Concen: 54.694 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 1557916

Ion	Ratio	Lower	Upper
138	100		
92	44.0	24.0	64.0
108	65.9	44.9	84.9

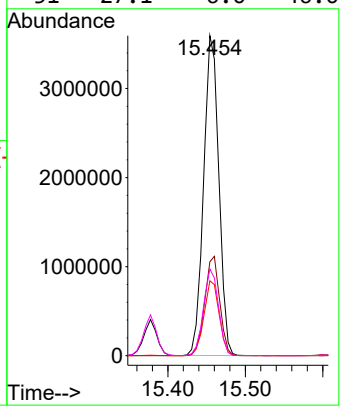




#63
Azobenzene
Concen: 52.623 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 488797

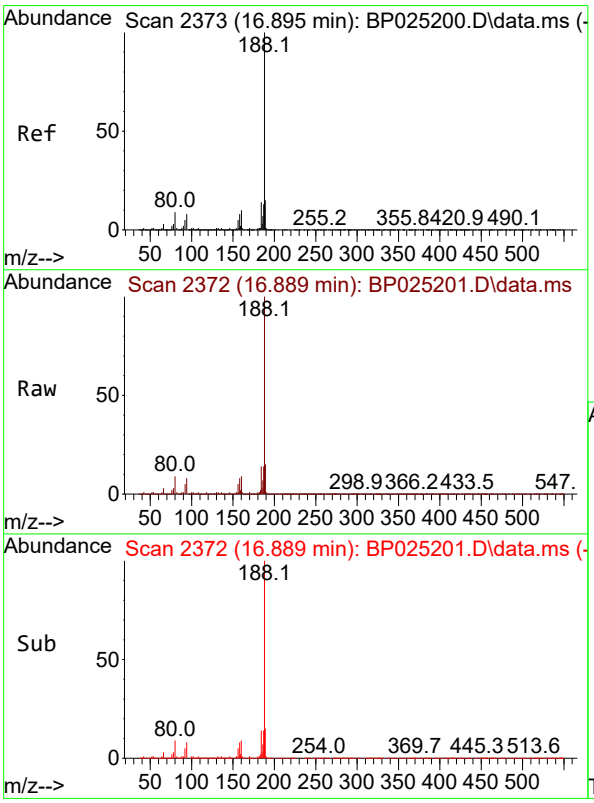
Ion	Ratio	Lower	Upper
77	100		
182	29.4	12.0	52.0
105	23.4	3.6	43.6
51	27.1	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

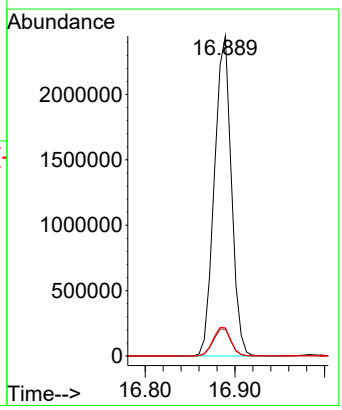
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

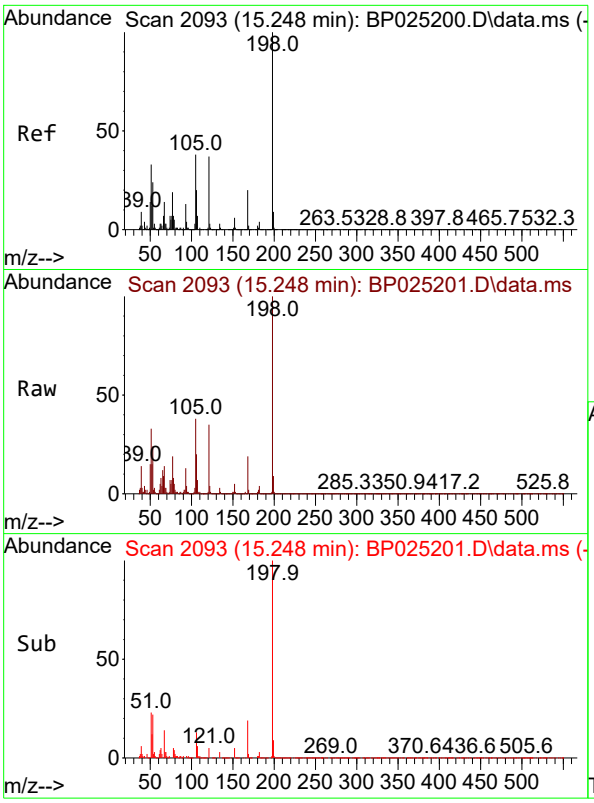


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:188 Resp: 3210937

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.3	10.9

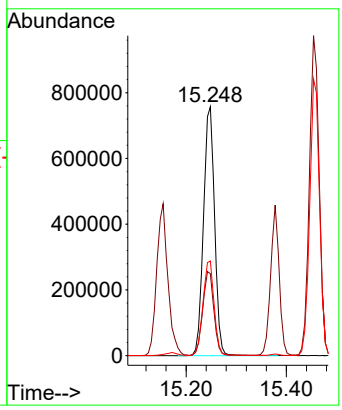




#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:198 Resp: 116597

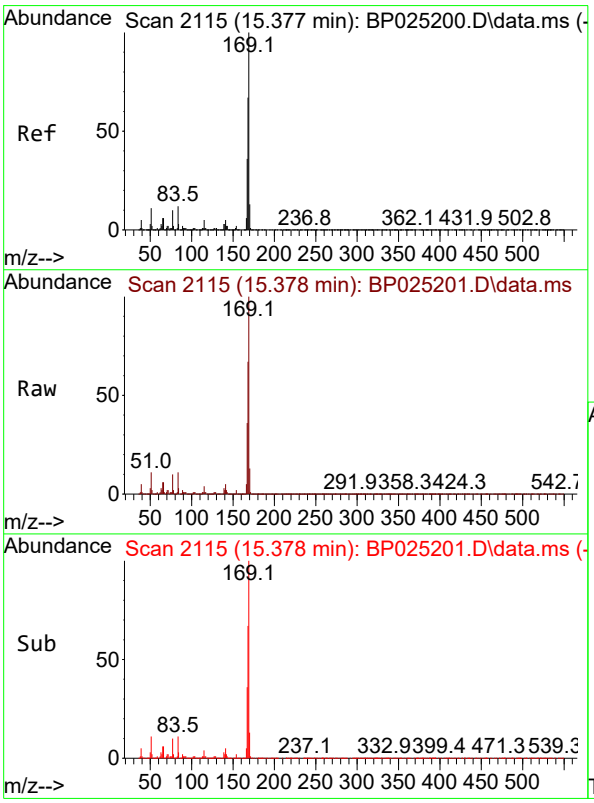
Ion	Ratio	Lower	Upper
198	100		
51	32.9	14.6	54.6
105	38.1	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

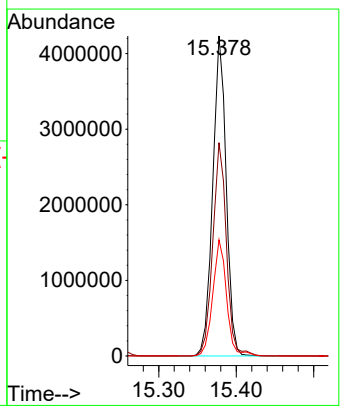
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

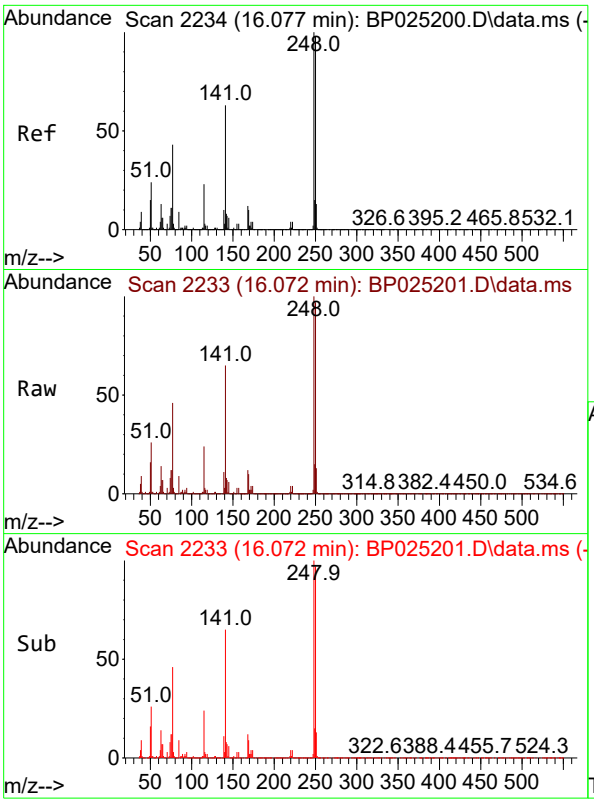


#66
n-Nitrosodiphenylamine
Concen: 50.889 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:169 Resp: 5088804

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.3	29.0	43.6

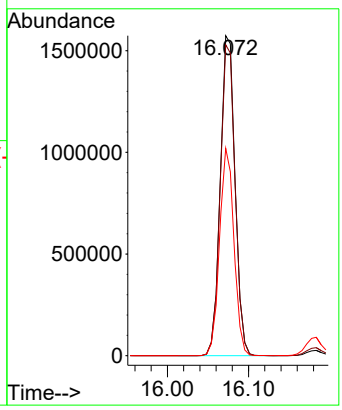




#67
4-Bromophenyl-phenylether
Concen: 52.573 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:248 Resp: 199033

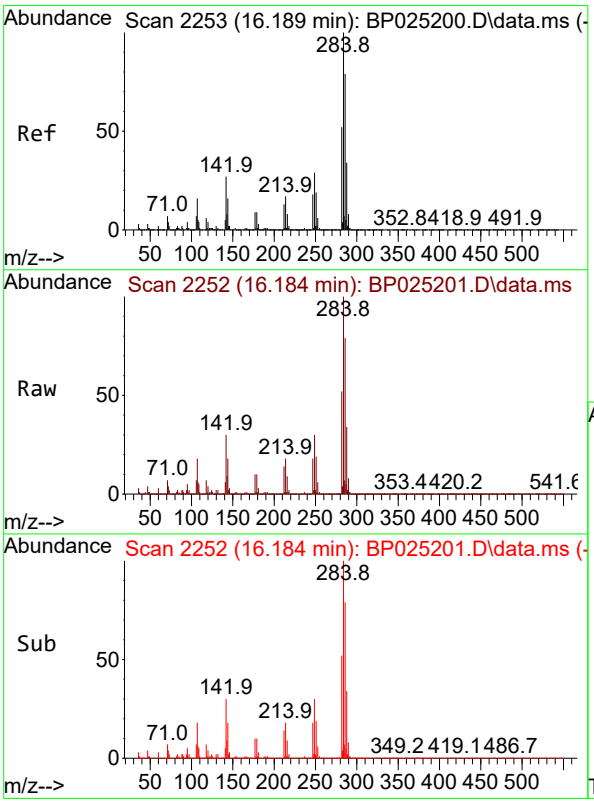
Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.5	117.7
141	64.8	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

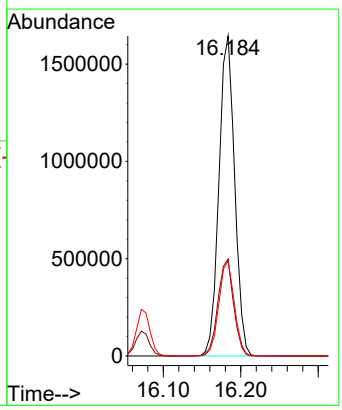
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

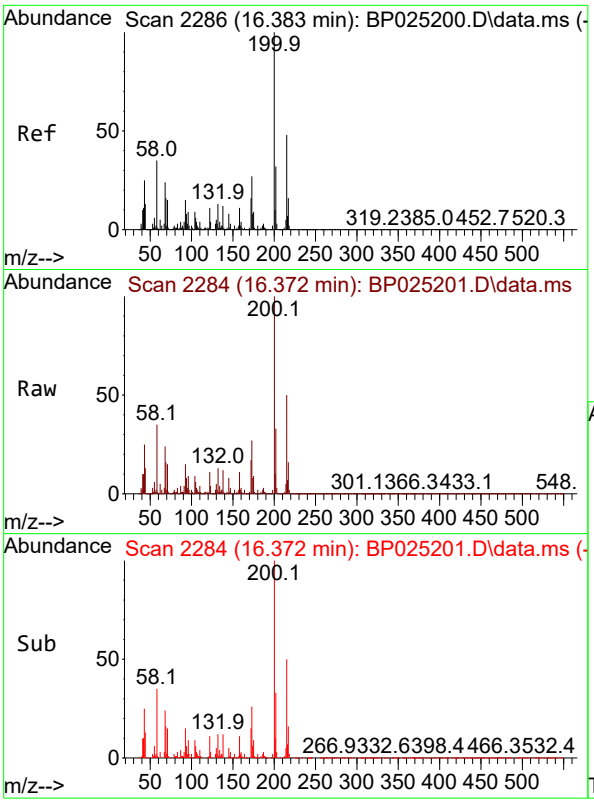


#68
Hexachlorobenzene
Concen: 51.350 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:284 Resp: 2321405

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.5	32.3
249	29.7	23.4	35.0

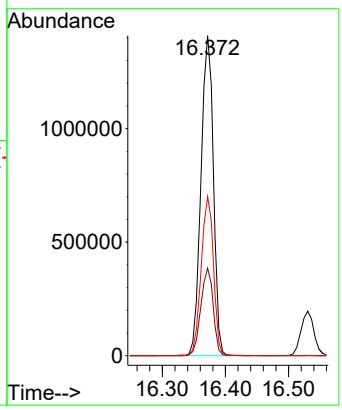




#69
Atrazine
Concen: 52.693 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:200 Resp: 192061

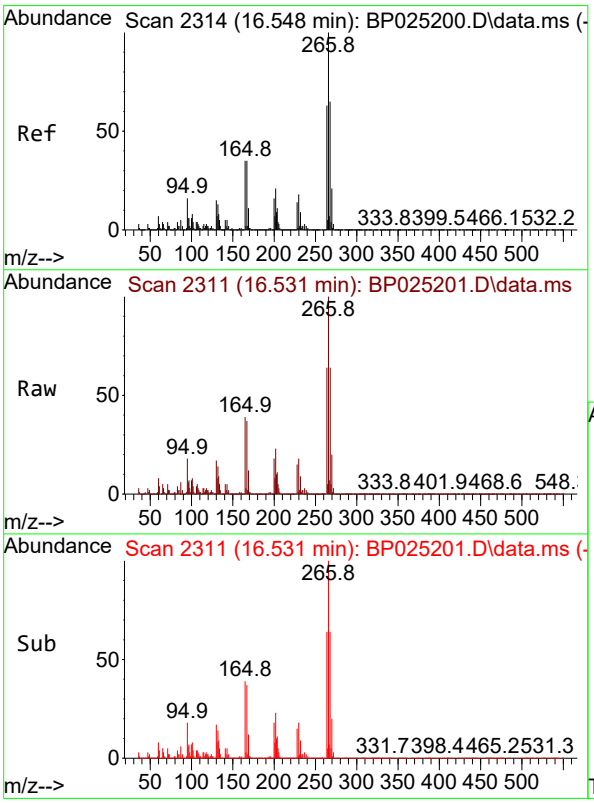
Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	49.7	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

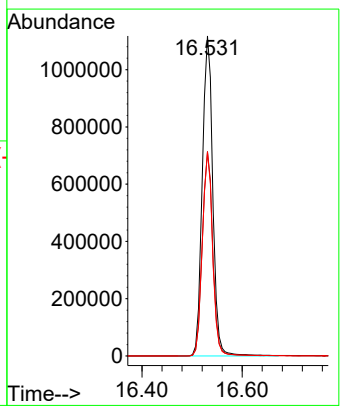
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

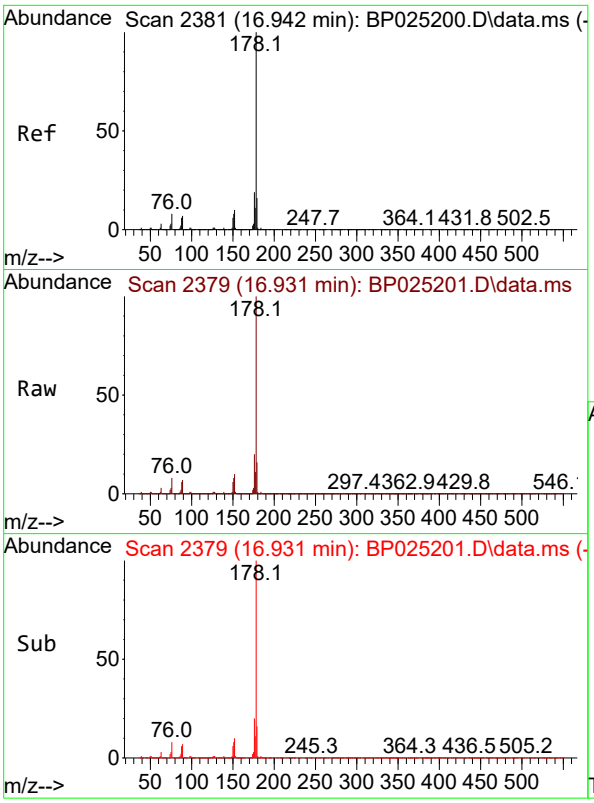


#70
Pentachlorophenol
Concen: 54.041 ng
RT: 16.531 min Scan# 2311
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:266 Resp: 1626155

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.8	77.6
264	63.8	50.3	75.5

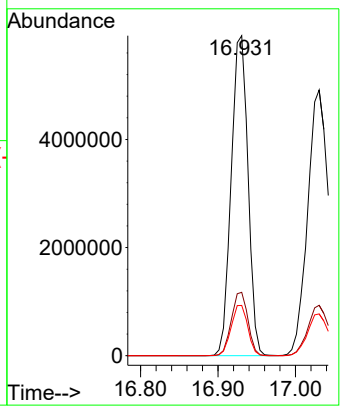




#71
Phenanthrene
Concen: 49.912 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 892992

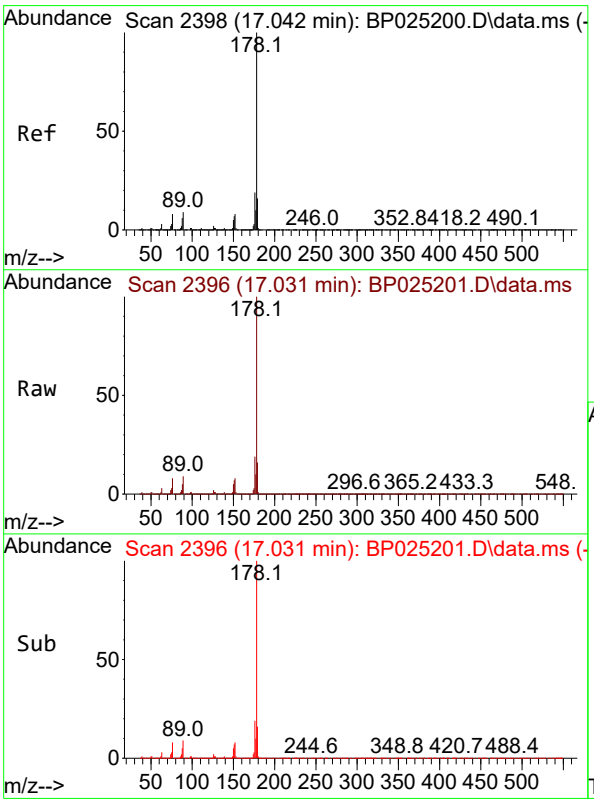
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.7	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

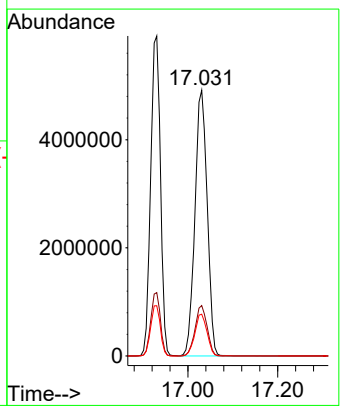
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

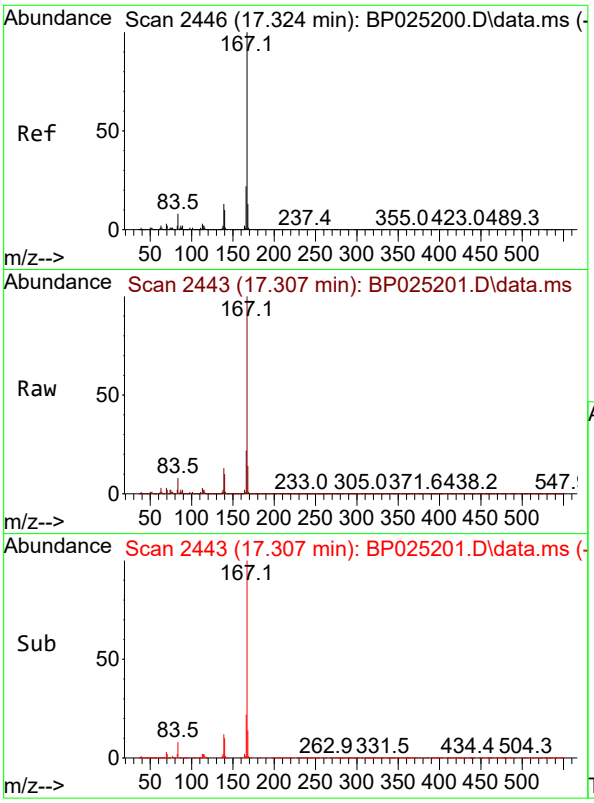


#72
Anthracene
Concen: 51.310 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 9319174

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.5	18.7

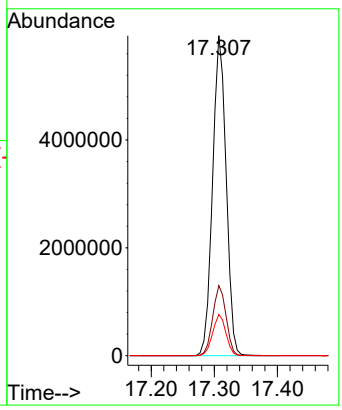




#73
Carbazole
Concen: 51.147 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:167 Resp: 883881

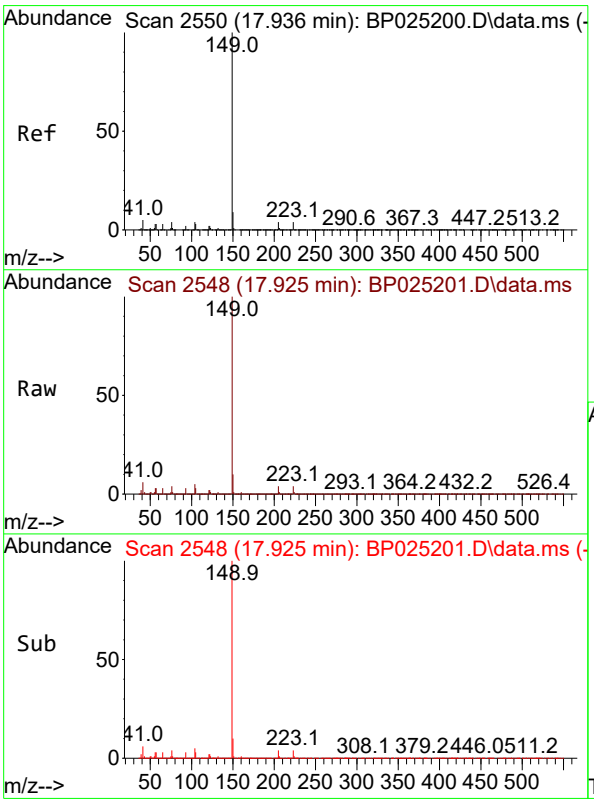
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.9	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

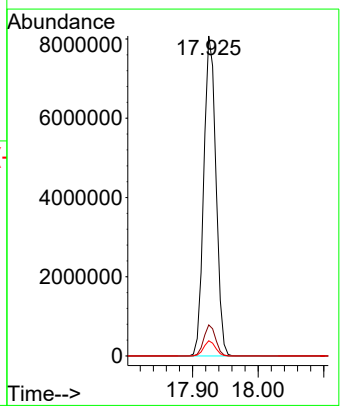
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

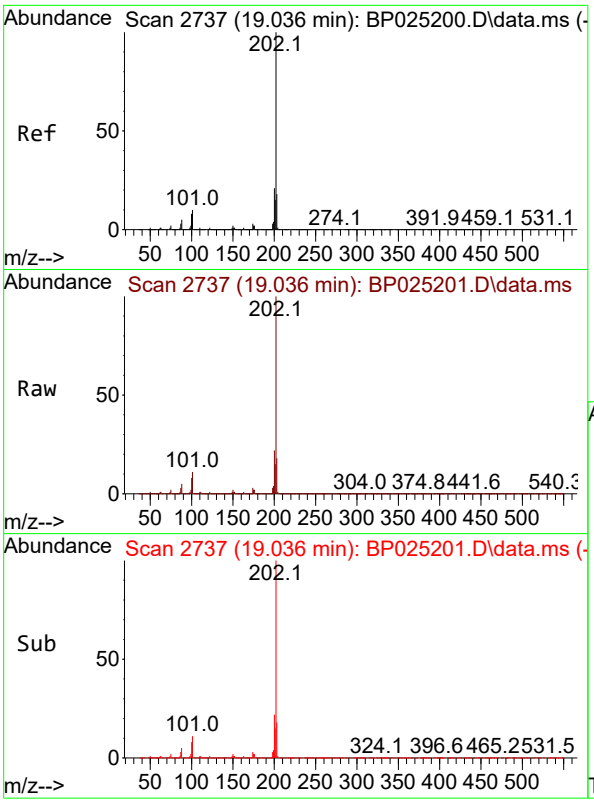


#74
Di-n-butylphthalate
Concen: 51.501 ng
RT: 17.925 min Scan# 2548
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:10436099

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.5	5.3

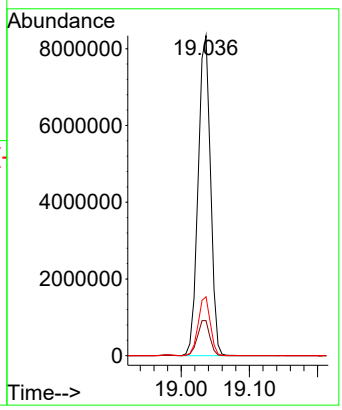




#75
Fluoranthene
Concen: 49.574 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:1048698

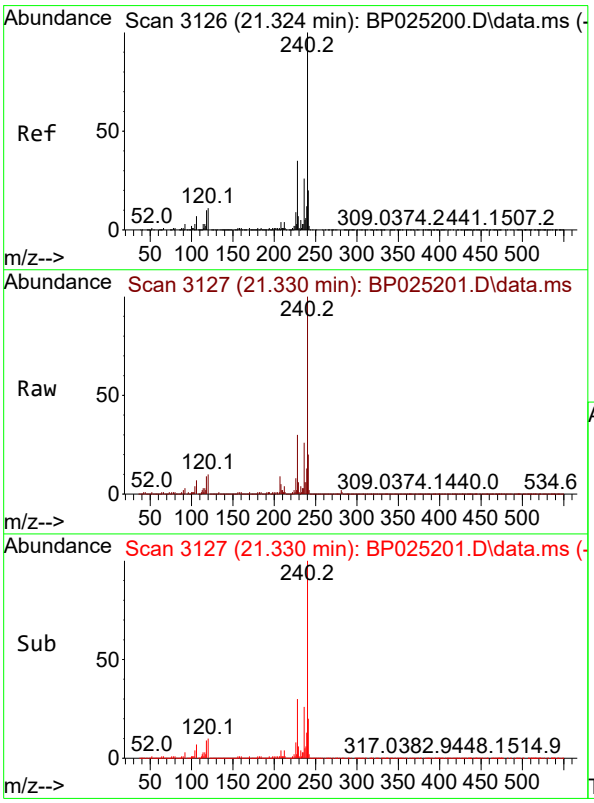
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	18.4	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

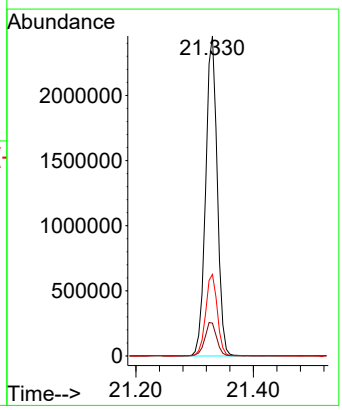
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

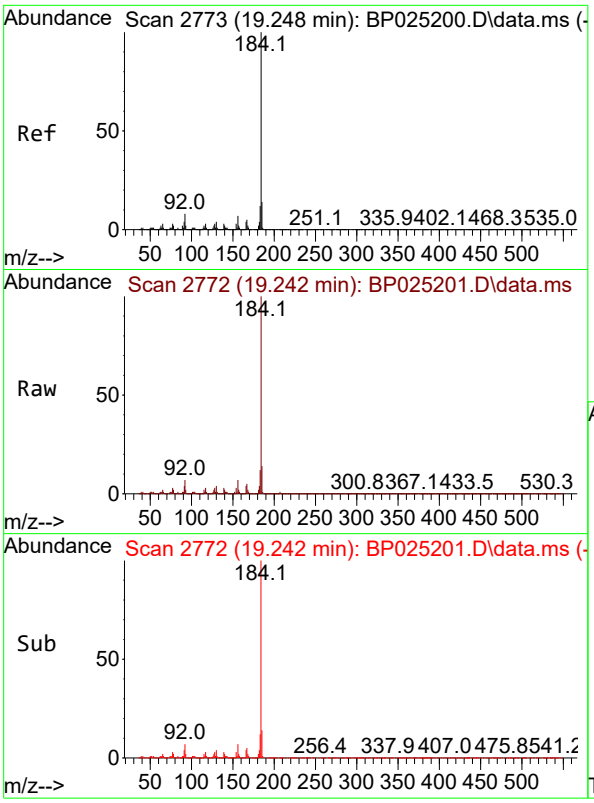


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:240 Resp: 3337112

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3

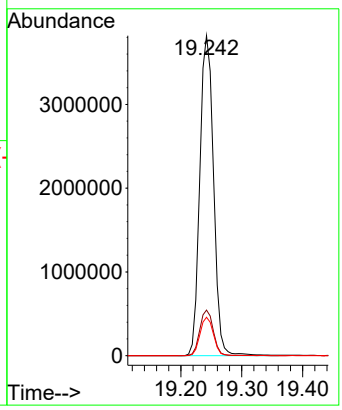




#77
Benzidine
Concen: 46.861 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 597357

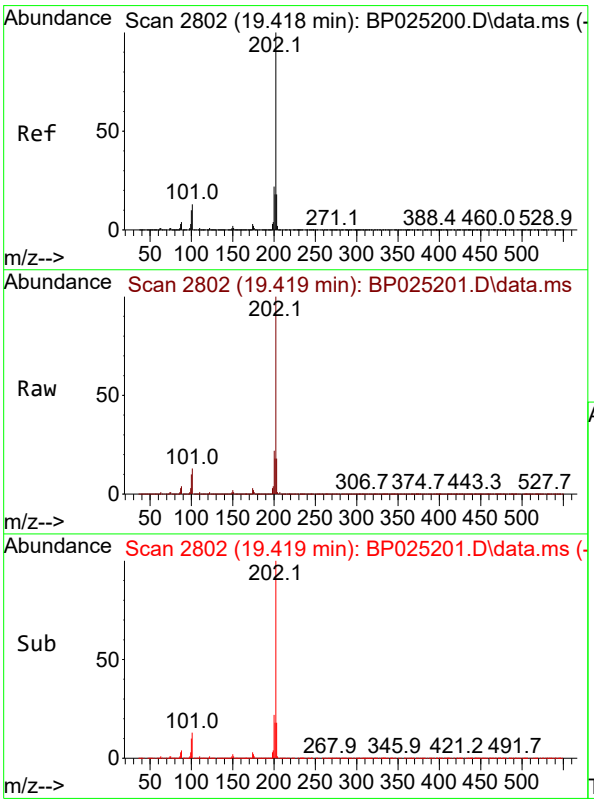
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.0	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

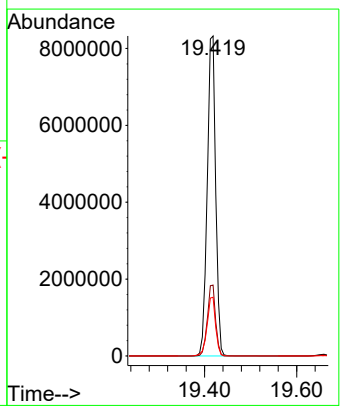
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

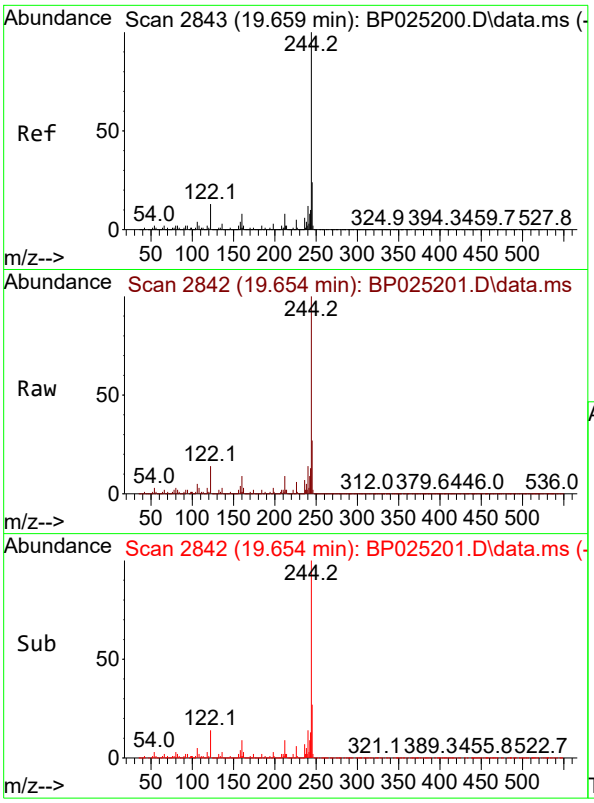


#78
Pyrene
Concen: 50.310 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:10669709

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.3	14.3	21.5

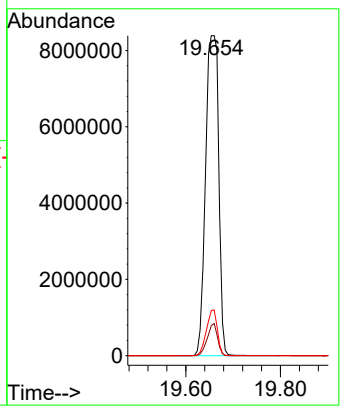




#79
Terphenyl-d14
Concen: 90.322 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:244 Resp:1613966

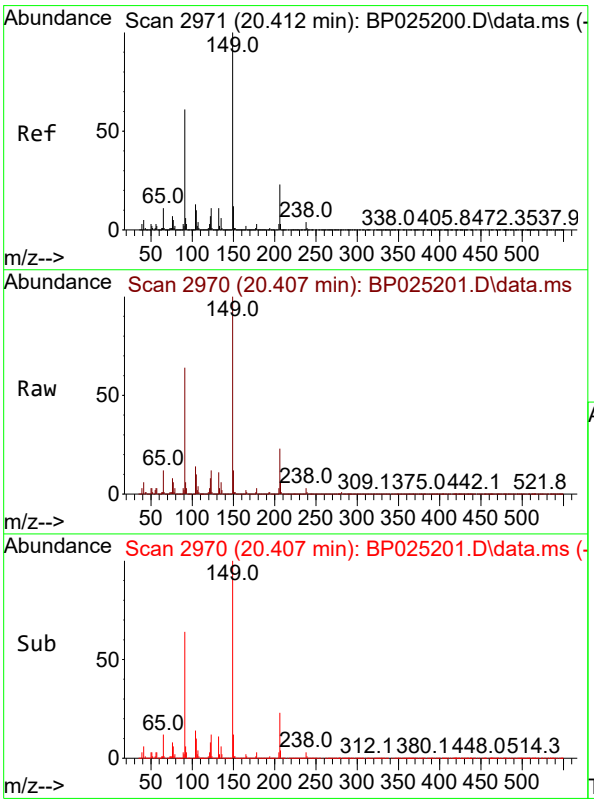
Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.6	9.8
122	14.1	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

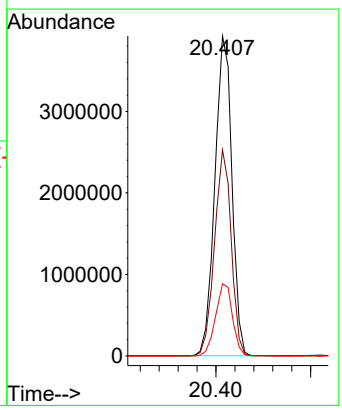
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

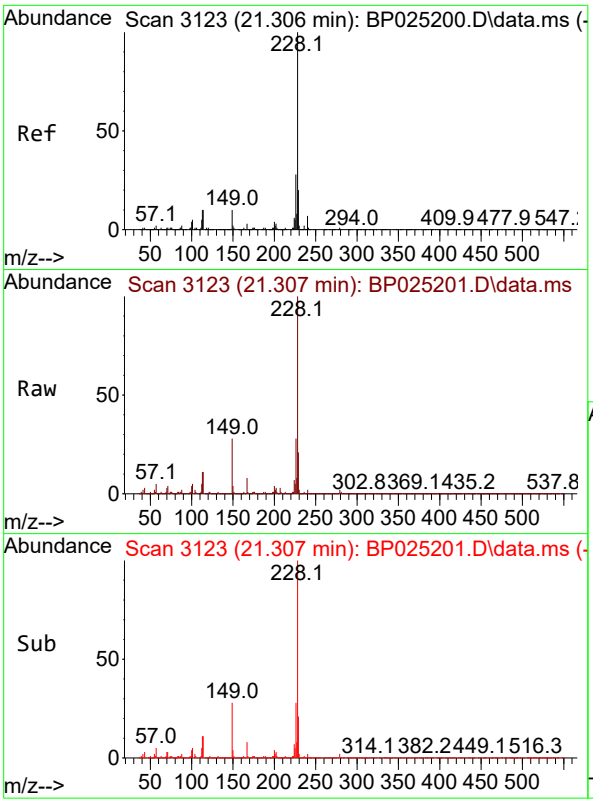


#80
Butylbenzylphthalate
Concen: 52.320 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 4896472

Ion	Ratio	Lower	Upper
149	100		
91	64.4	48.8	73.2
206	22.6	18.4	27.6

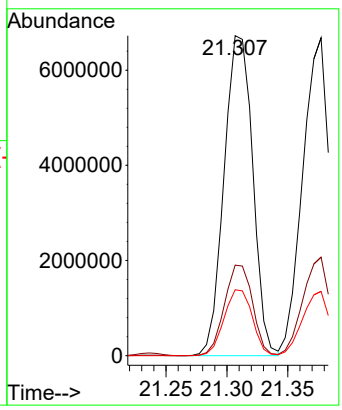




#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:228 Resp:1102765

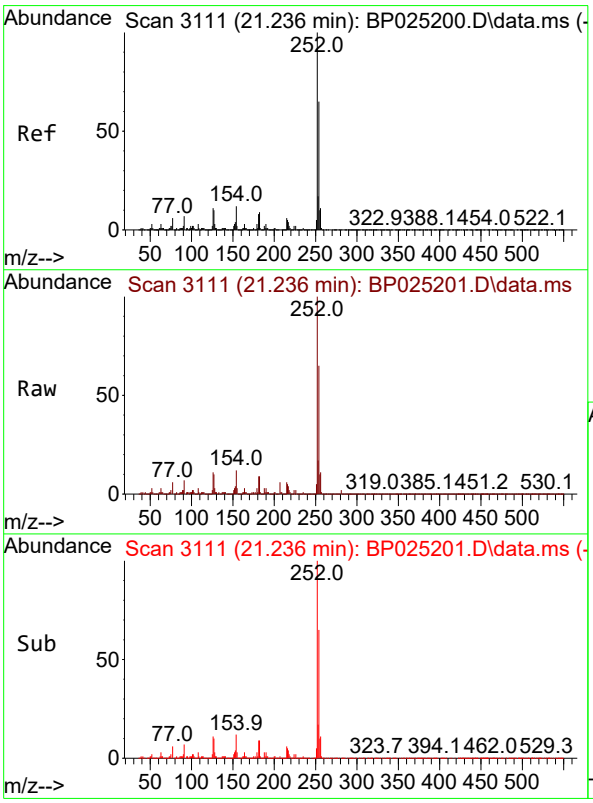
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.6	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

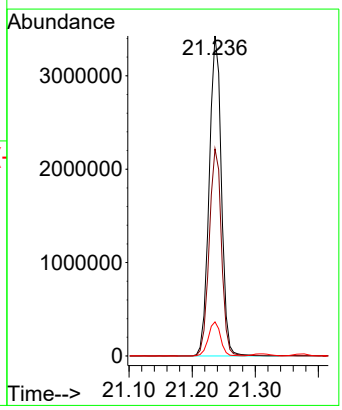
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

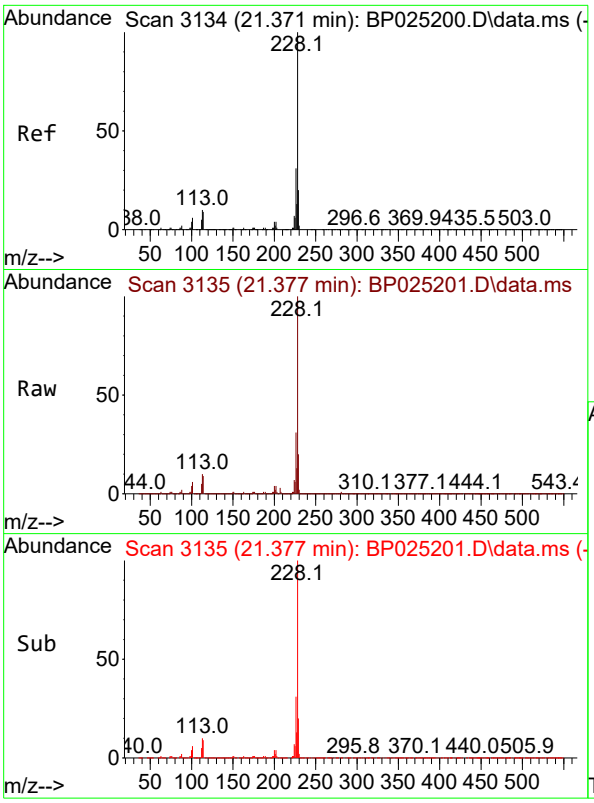


#82
3,3'-Dichlorobenzidine
Concen: 51.576 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp: 4590583

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.6	8.6	12.8

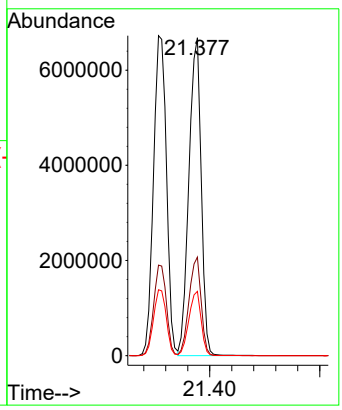




#83
Chrysene
Concen: 50.942 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:228 Resp:1031195

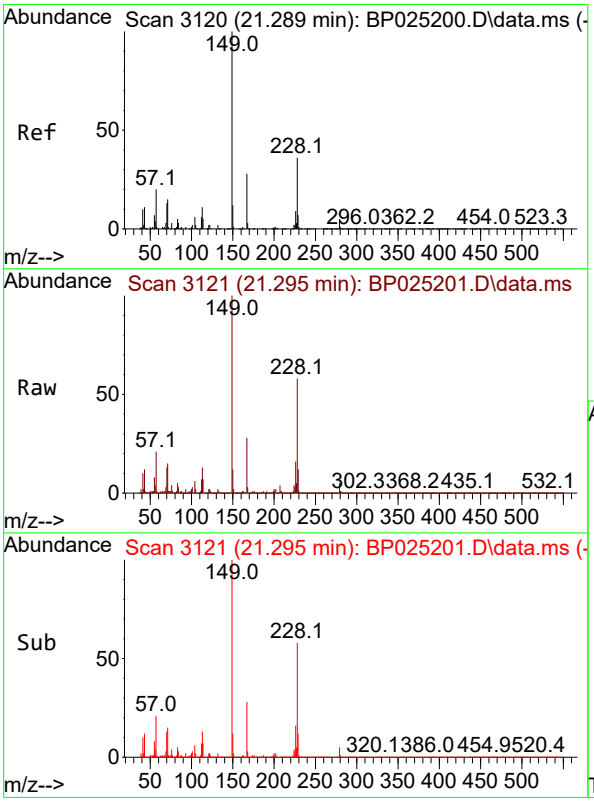
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

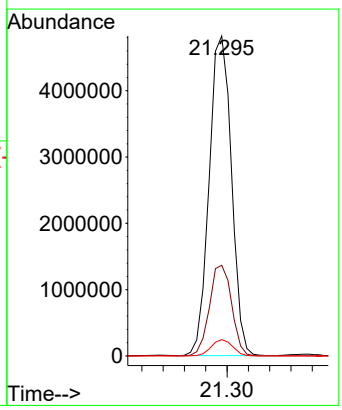
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

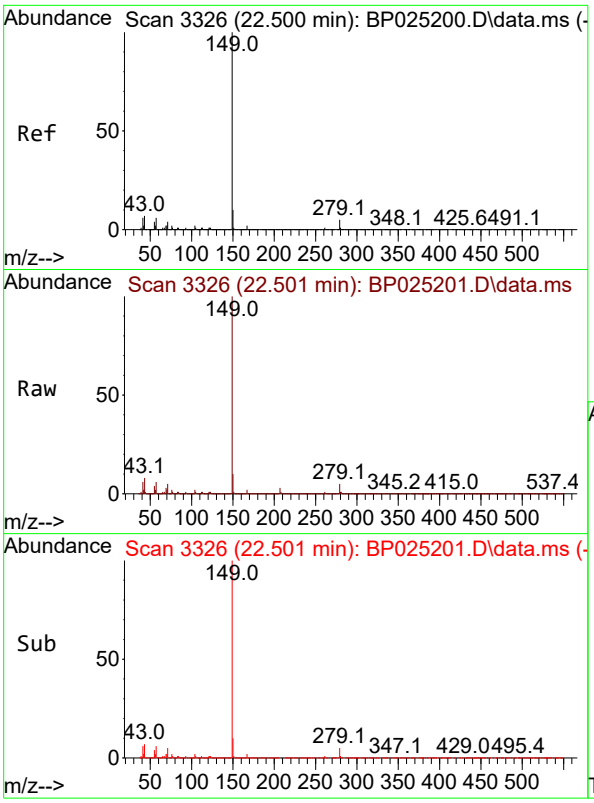


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.373 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 7009358

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.1	4.0	6.0

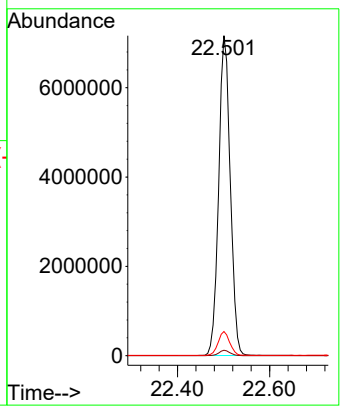




#85
Di-n-octyl phthalate
Concen: 52.335 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:1244611

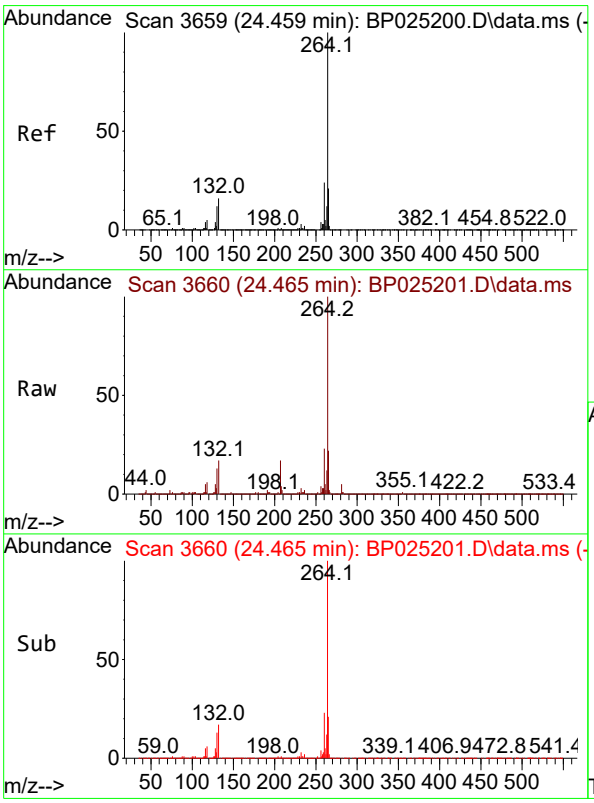
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

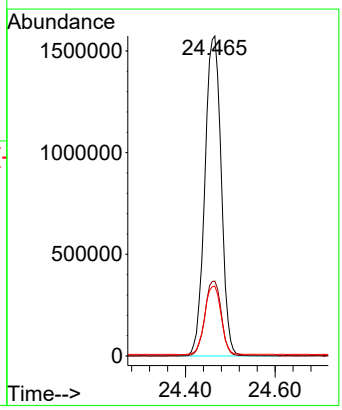
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

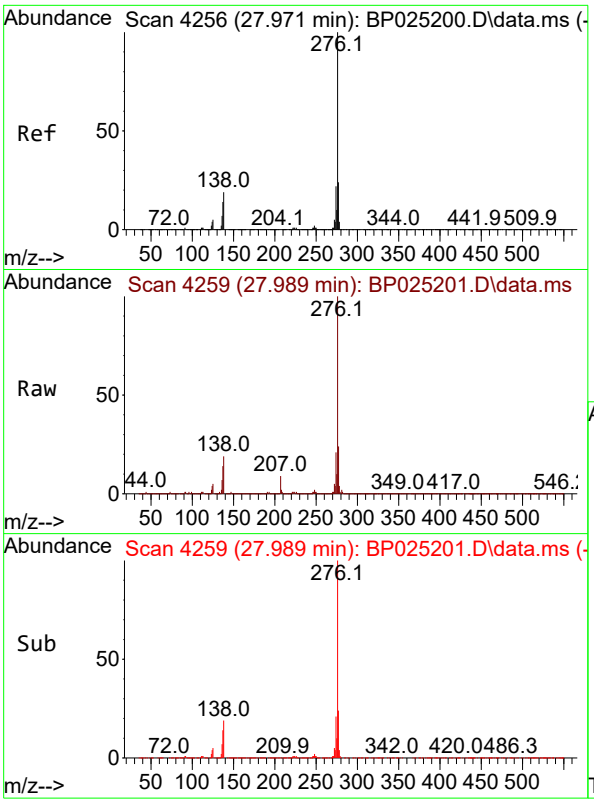


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:264 Resp: 3976559

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.8	17.5	26.3

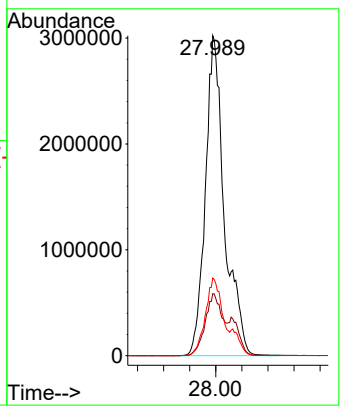




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.366 ng m
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:1530723

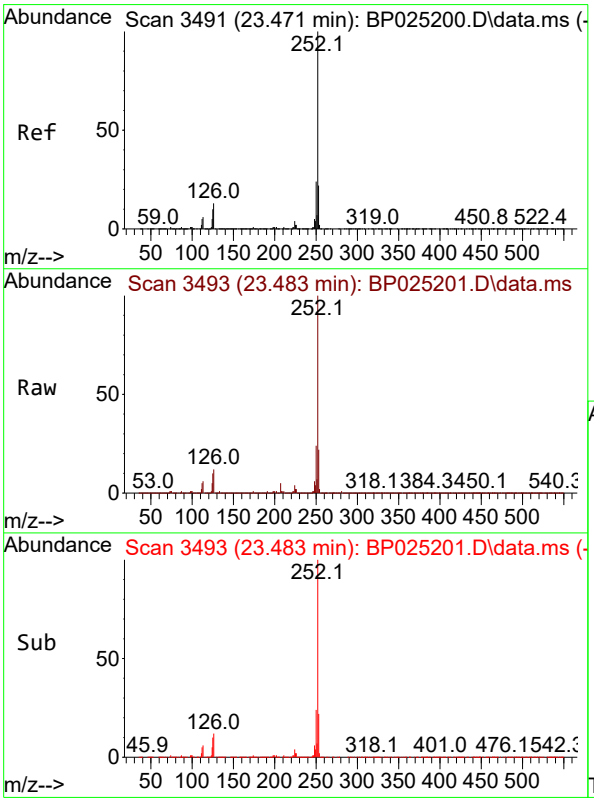
Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.8	19.2
277	21.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

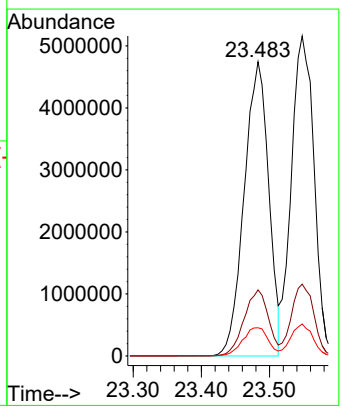
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

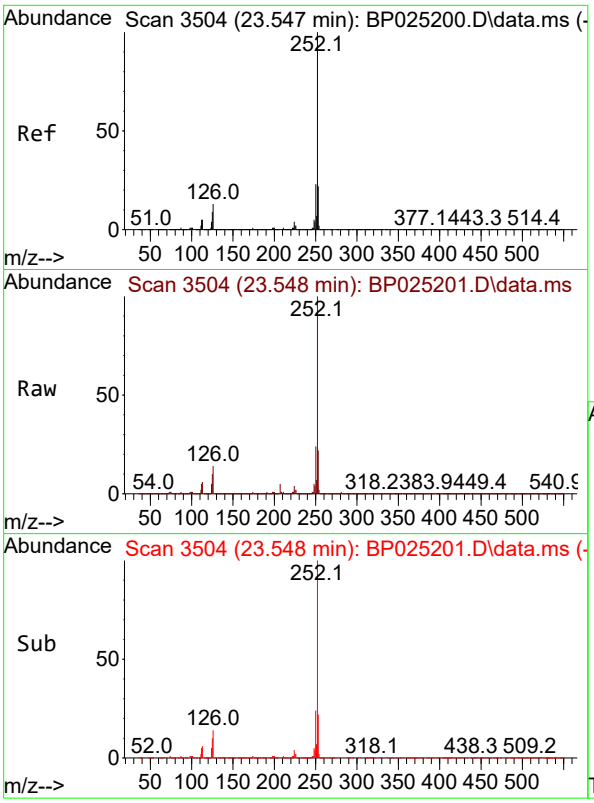


#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11802054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.6	7.8	11.8

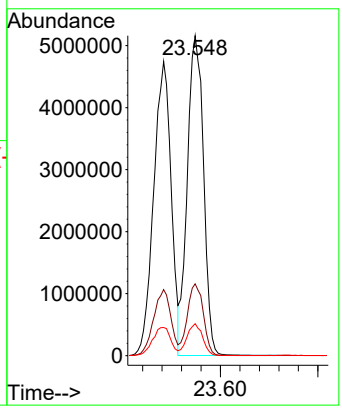




#89
Benzo(k)fluoranthene
Concen: 51.862 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:1194133

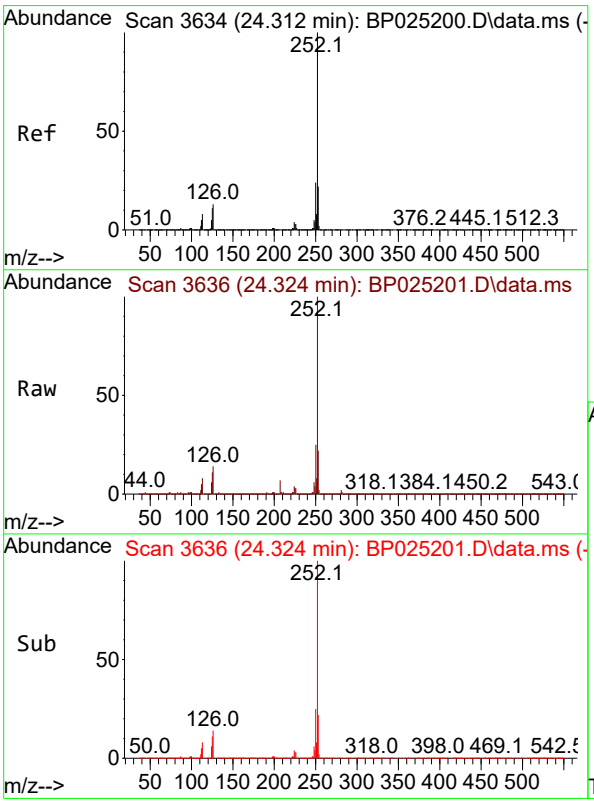
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

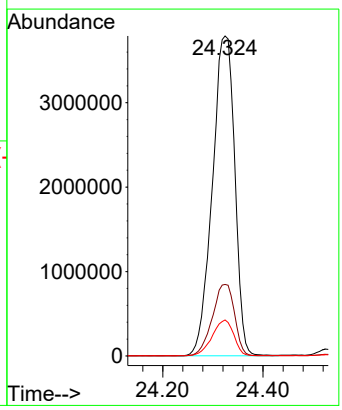
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

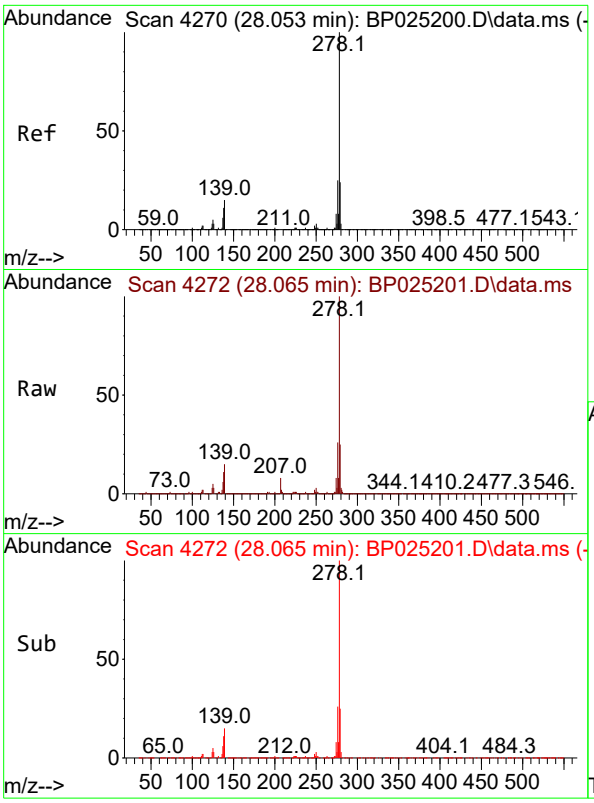


#90
Benzo(a)pyrene
Concen: 52.237 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11759136

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.2	8.6	12.8

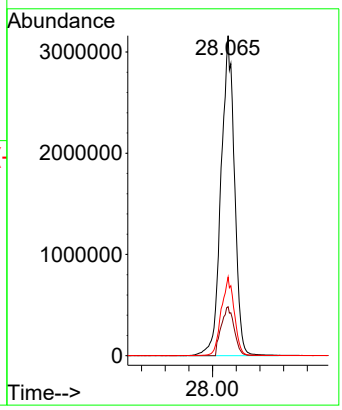




#91
Dibenzo(a,h)anthracene
Concen: 51.898 ng
RT: 28.065 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:278 Resp:1244100

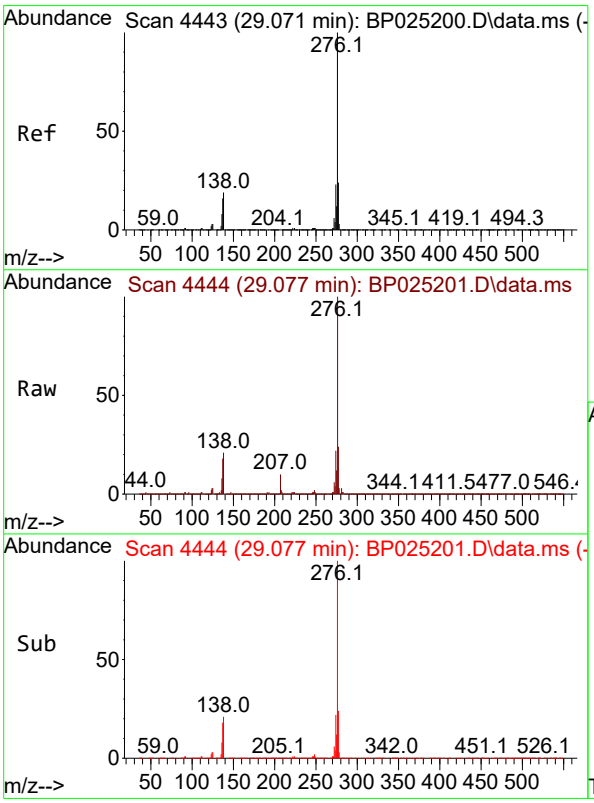
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	24.6	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

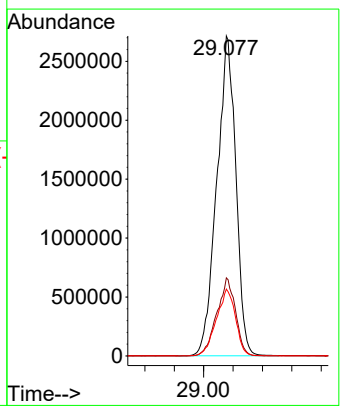
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 51.884 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:12183528

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	20.9	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	691246	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2780561	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1802837	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	3596132	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3712729	20.000	ng		0.00
86) Perylene-d12	24.448	264	4449563	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	4905756	118.561	ng		0.00
7) Phenol-d6	6.643	99	6110675	119.620	ng		0.00
23) Nitrobenzene-d5	8.572	82	6054858	119.391	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	3197029	119.256	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	13539099	99.423	ng		0.00
79) Terphenyl-d14	19.648	244	16134390	81.157	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	909482	58.484	ng		100
3) Pyridine	3.496	79	2486312	60.365	ng		99
4) n-Nitrosodimethylamine	3.408	42	997579	61.370	ng		99
6) Aniline	6.778	93	4023853	60.573	ng		99
8) 2-Chlorophenol	7.019	128	2831422	60.816	ng		98
9) Benzaldehyde	6.596	77	2060526	56.443	ng		99
10) Phenol	6.666	94	3174369	60.060	ng		100
11) bis(2-Chloroethyl)ether	6.884	93	2426943	59.805	ng		99
12) 1,3-Dichlorobenzene	7.325	146	3115614	58.985	ng		100
13) 1,4-Dichlorobenzene	7.472	146	3138912	58.888	ng		100
14) 1,2-Dichlorobenzene	7.772	146	3018509	58.935	ng		99
15) Benzyl Alcohol	7.672	79	2232586	60.973	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	3075798	59.089	ng		99
17) 2-Methylphenol	7.878	107	2209131	60.430	ng		100
18) Hexachloroethane	8.484	117	1098658	60.363	ng		100
19) n-Nitroso-di-n-propyla...	8.243	70	1826970	59.342	ng		99
20) 3+4-Methylphenols	8.207	107	3031281	60.708	ng		98
22) Acetophenone	8.243	105	3858483	58.588	ng	#	98
24) Nitrobenzene	8.613	77	2713532	60.375	ng		99
25) Isophorone	9.131	82	5301098	59.683	ng		99
26) 2-Nitrophenol	9.307	139	1614578	63.823	ng		99
27) 2,4-Dimethylphenol	9.384	122	2618557	60.802	ng		100
28) bis(2-Chloroethoxy)met...	9.613	93	3327518	59.673	ng		100
29) 2,4-Dichlorophenol	9.837	162	2686031	60.808	ng		99
30) 1,2,4-Trichlorobenzene	10.054	180	2894308	59.549	ng		100
31) Naphthalene	10.225	128	8471283	58.501	ng		100
32) Benzoic acid	9.560	122	2149321	68.334	ng		98
33) 4-Chloroaniline	10.342	127	3853838	61.295	ng		100
34) Hexachlorobutadiene	10.519	225	1757479	60.210	ng		99
35) Caprolactam	11.148	113	911643	62.713	ng		99
36) 4-Chloro-3-methylphenol	11.484	107	2701662	61.242	ng		100
37) 2-Methylnaphthalene	11.860	142	5538936	59.140	ng		100
38) 1-Methylnaphthalene	12.066	142	5796319	58.678	ng		99
40) 1,2,4,5-Tetrachloroben...	12.236	216	3229034	59.145	ng		100
41) Hexachlorocyclopentadiene	12.219	237	2121694	68.531	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	2251566	61.035	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

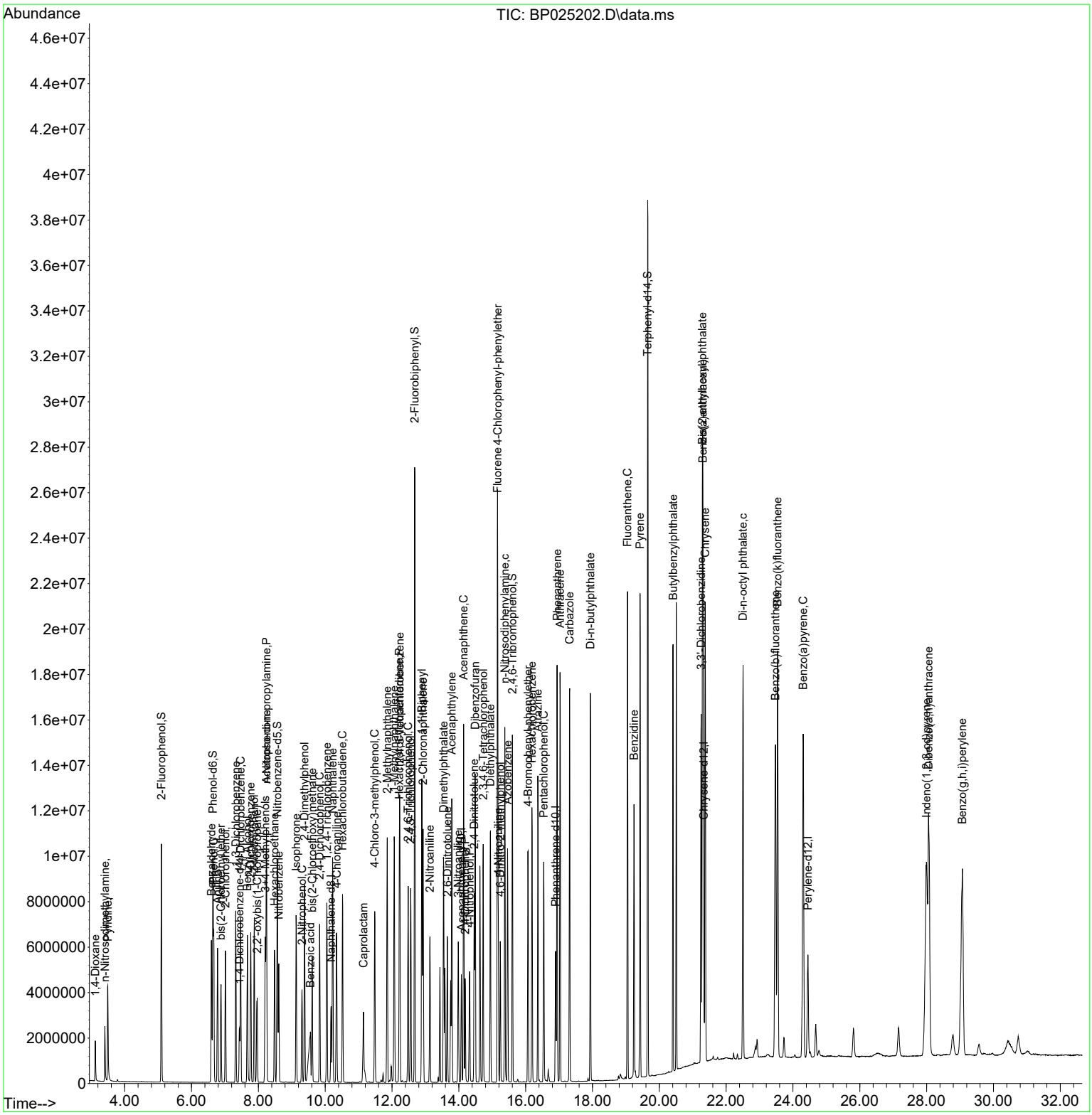
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.560	196	2484748	61.107	ng		100
46)	1,1'-Biphenyl	12.895	154	7671161	57.545	ng		100
47)	2-Chloronaphthalene	12.931	162	6074581	58.817	ng		100
48)	2-Nitroaniline	13.136	65	1603764	61.905	ng		98
49)	Acenaphthylene	13.789	152	9744261	57.536	ng		99
50)	Dimethylphthalate	13.542	163	7577608	57.607	ng		100
51)	2,6-Dinitrotoluene	13.660	165	1738822	62.447	ng		98
52)	Acenaphthene	14.142	154	5579143	57.185	ng		99
53)	3-Nitroaniline	13.983	138	1947927	62.002	ng		96
54)	2,4-Dinitrophenol	14.189	184	1119889	71.772	ng		99
55)	Dibenzofuran	14.489	168	8968837	56.778	ng		98
56)	4-Nitrophenol	14.325	139	1695550	63.331	ng		99
57)	2,4-Dinitrotoluene	14.460	165	2469068	63.650	ng		98
58)	Fluorene	15.154	166	6997947	55.543	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.730	232	2196650	61.026	ng		100
60)	Diethylphthalate	14.948	149	7449753	57.319	ng		99
61)	4-Chlorophenyl-phenyle...	15.160	204	3554251	55.969	ng		99
62)	4-Nitroaniline	15.183	138	1978662	61.804	ng		98
63)	Azobenzene	15.460	77	6251887	59.884	ng		100
65)	4,6-Dinitro-2-methylph...	15.242	198	1488428	66.114	ng		99
66)	n-Nitrosodiphenylamine	15.378	169	6429114	57.405	ng		99
67)	4-Bromophenyl-phenylether	16.072	248	2534895	59.785	ng		99
68)	Hexachlorobenzene	16.189	284	2976346	58.786	ng		96
69)	Atrazine	16.366	200	2433839	59.621	ng		99
70)	Pentachlorophenol	16.542	266	2118802	62.871	ng		99
71)	Phenanthrene	16.942	178	11295817	56.373	ng		99
72)	Anthracene	17.030	178	11494384	56.508	ng		98
73)	Carbazole	17.319	167	10836403	55.990	ng		98
74)	Di-n-butylphthalate	17.936	149	12352965	54.431	ng	#	94
75)	Fluoranthene	19.048	202	12783070	53.956	ng		93
77)	Benzidine	19.242	184	6968232	49.133	ng		100
78)	Pyrene	19.424	202	13220717	56.032	ng		93
80)	Butylbenzylphthalate	20.413	149	6306883	60.572	ng		99
81)	Benzo(a)anthracene	21.307	228	13600779	56.319	ng		98
82)	3,3'-Dichlorobenzidine	21.254	252	5842950	59.005	ng		100
83)	Chrysene	21.371	228	12774794	56.724	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.289	149	8682877	57.201	ng		99
85)	Di-n-octyl phthalate	22.507	149	15085392	57.015	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.994	276	19493176	59.597	ng		100
88)	Benzo(b)fluoranthene	23.477	252	14989282	57.763	ng		100
89)	Benzo(k)fluoranthene	23.542	252	14928017	57.942	ng		99
90)	Benzo(a)pyrene	24.306	252	14791063	58.720	ng		99
91)	Dibenzo(a,h)anthracene	28.059	278	15890395	59.240	ng		99
92)	Benzo(g,h,i)perylene	29.071	276	15521510	59.072	ng		98

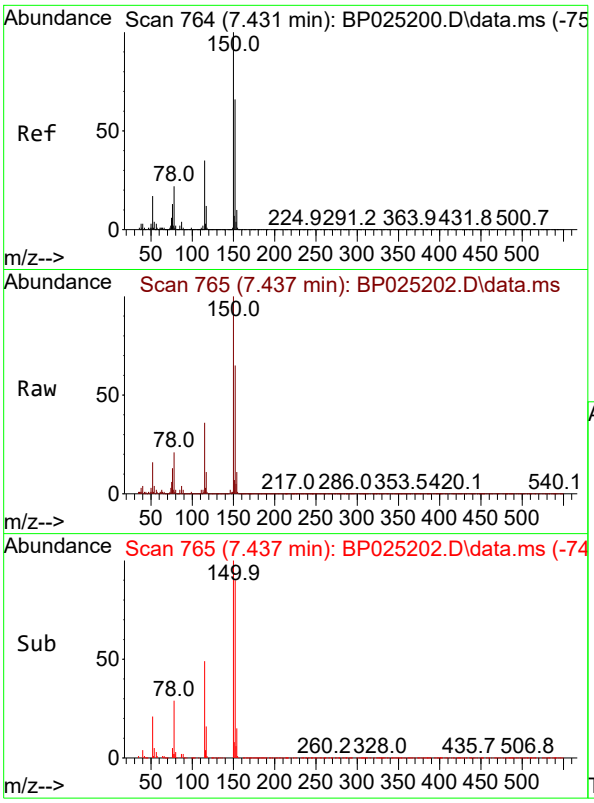
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Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



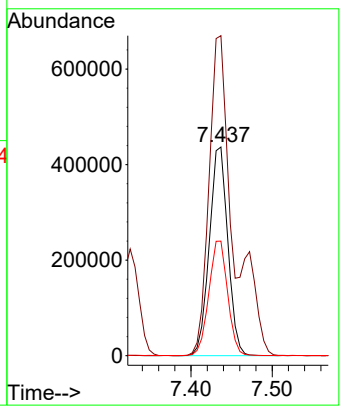


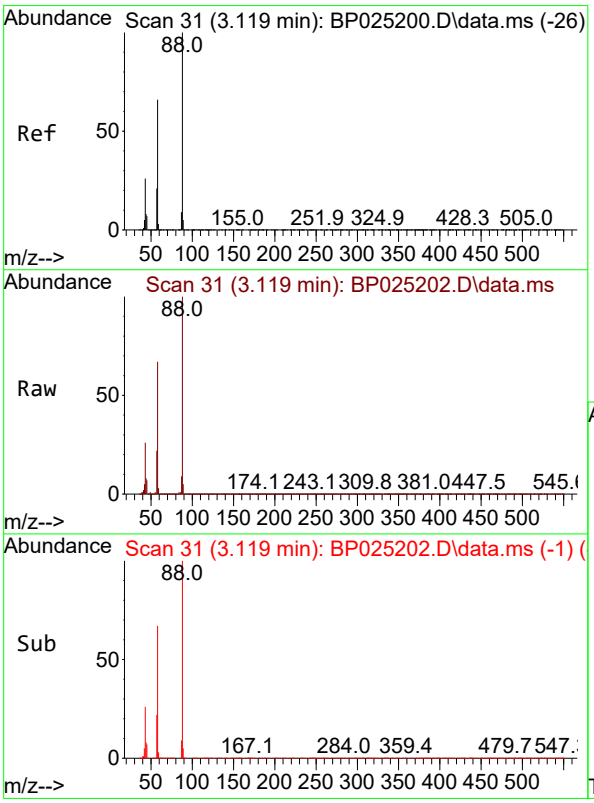
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 691246

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.9	43.0	64.6

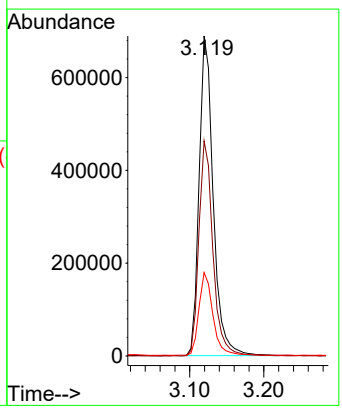


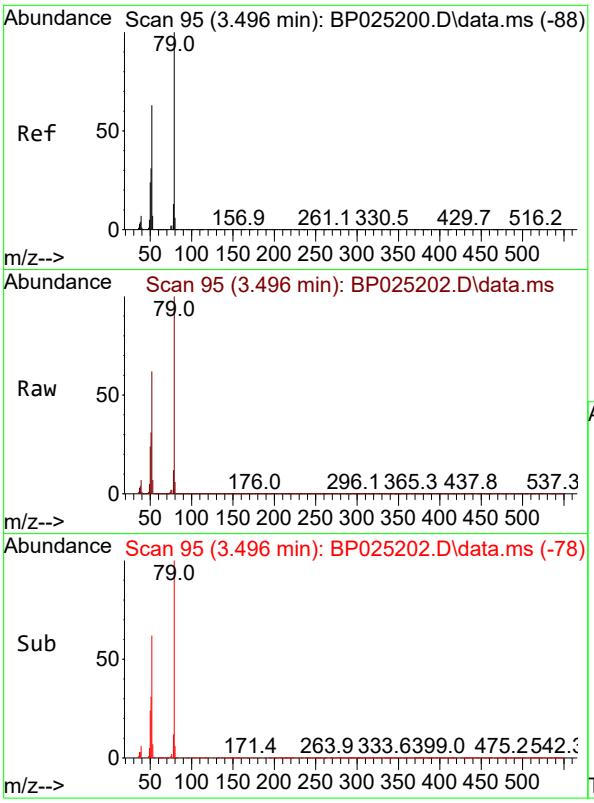


#2
1,4-Dioxane
Concen: 58.484 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 88 Resp: 909482

Ion	Ratio	Lower	Upper
88	100		
58	67.2	53.5	80.3
43	25.8	20.8	31.2



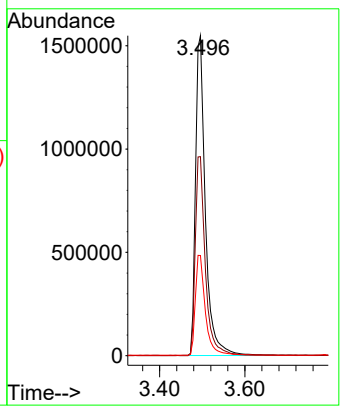


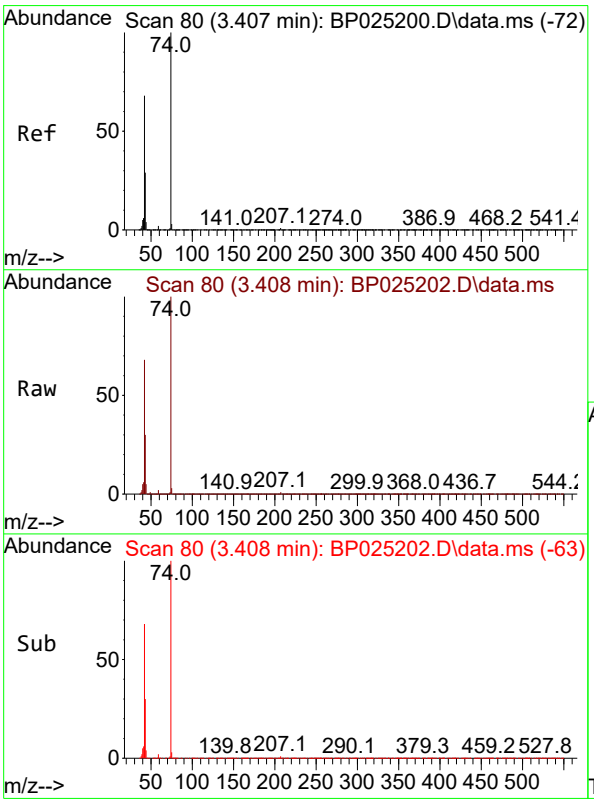
#3
Pyridine
Concen: 60.365 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 2486312

Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	31.3	25.0	37.4

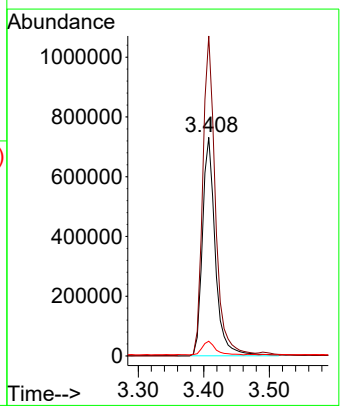


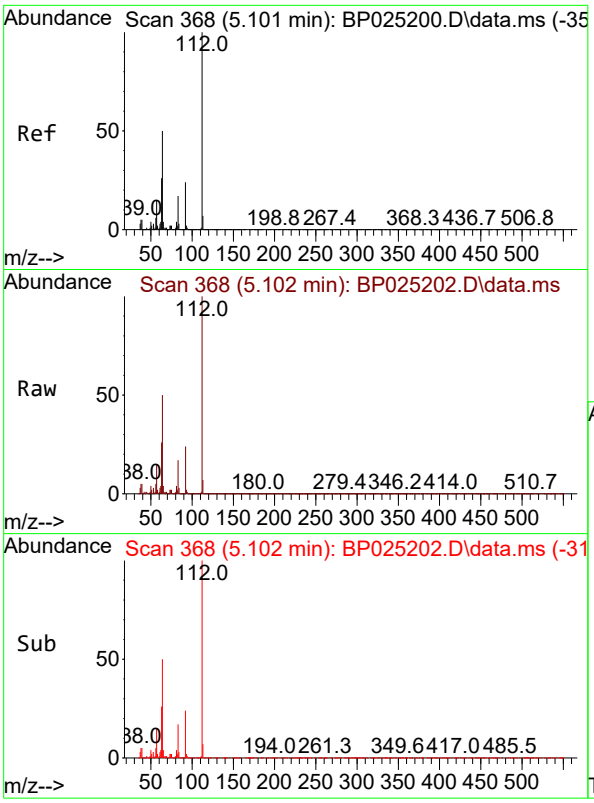


#4
n-Nitrosodimethylamine
Concen: 61.370 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 42 Resp: 997579

Ion	Ratio	Lower	Upper
42	100		
74	146.4	118.0	177.0
44	6.7	5.5	8.3



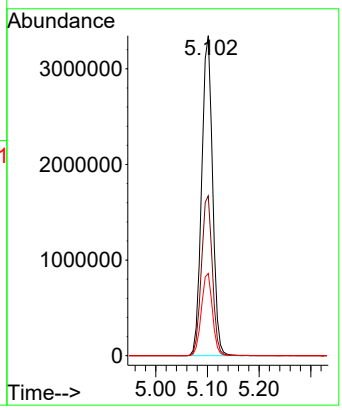


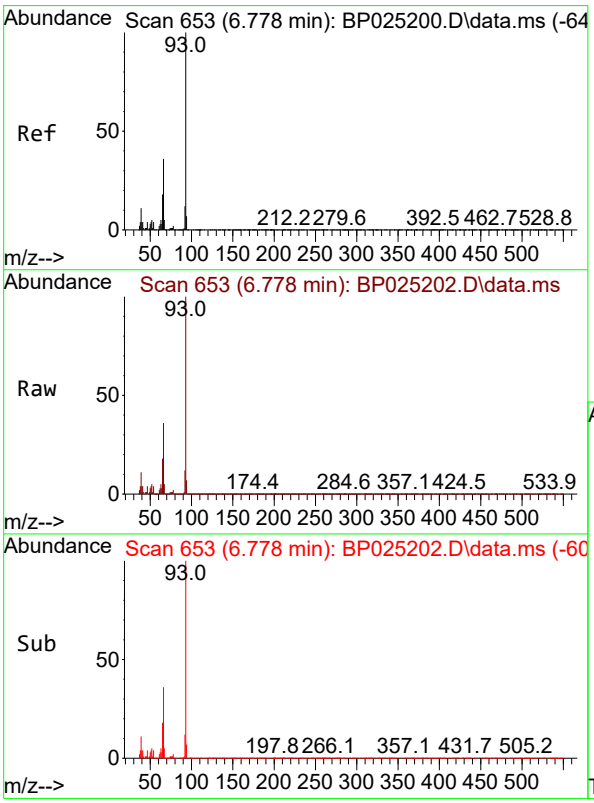
#5
2-Fluorophenol
Concen: 118.561 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 4905756

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	25.7	20.5	30.7

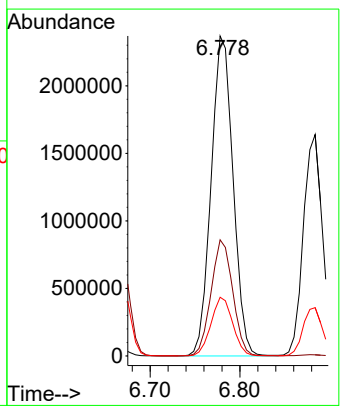


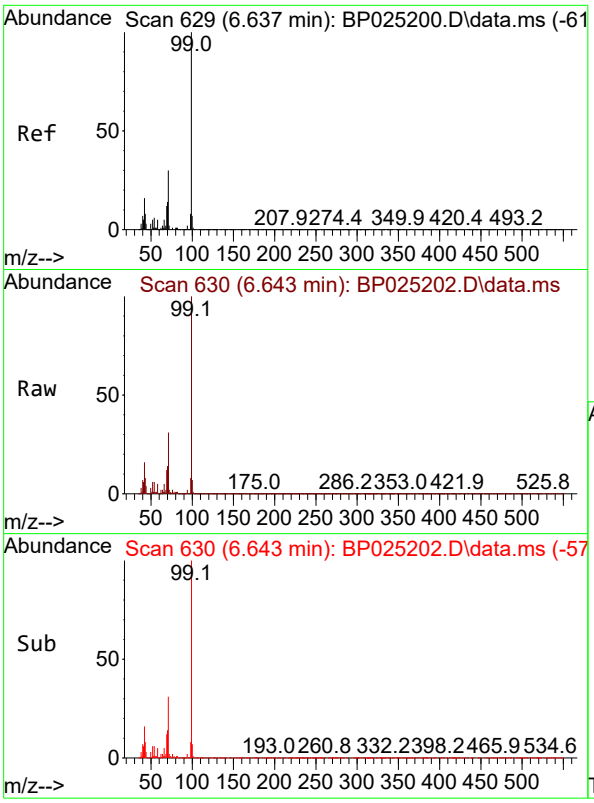


#6
Aniline
Concen: 60.573 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 4023853

Ion	Ratio	Lower	Upper
93	100		
66	36.3	28.6	43.0
65	18.4	14.6	21.8



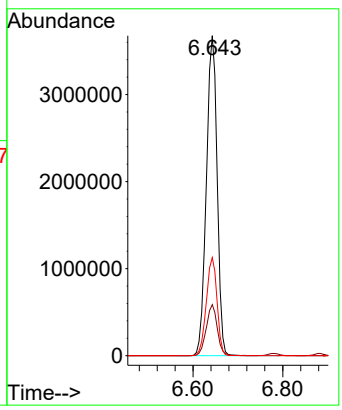


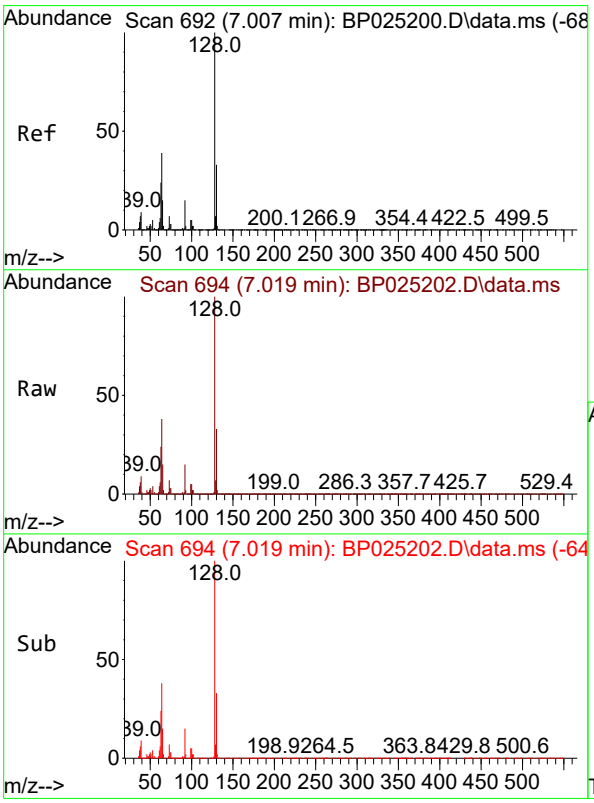
#7
Phenol-d6
Concen: 119.620 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 6110675

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.7	24.2	36.2

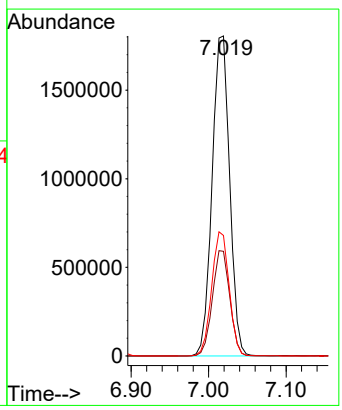


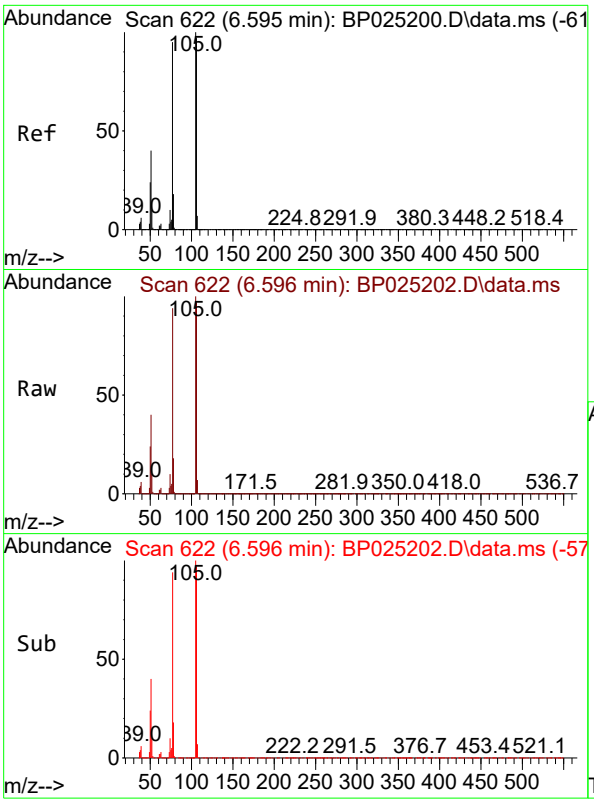


#8
2-Chlorophenol
Concen: 60.816 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:128 Resp: 2831422

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	37.6	19.2	59.2



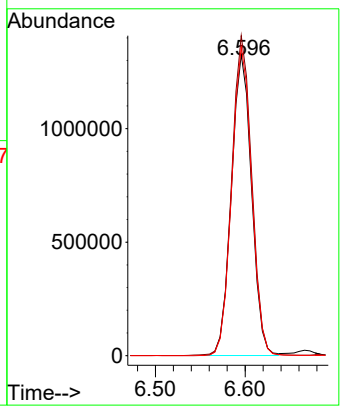


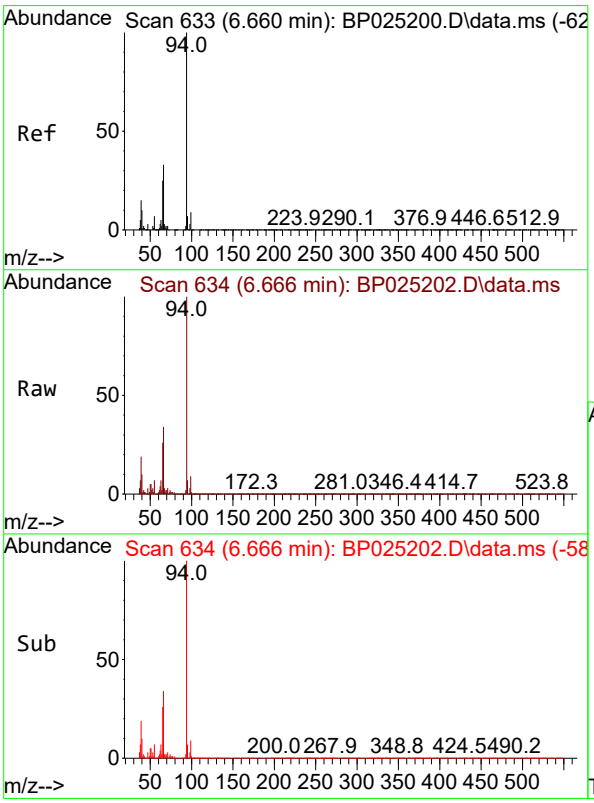
#9
Benzaldehyde
Concen: 56.443 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2060526

Ion	Ratio	Lower	Upper
77	100		
105	106.3	85.5	125.5
106	102.5	81.9	121.9

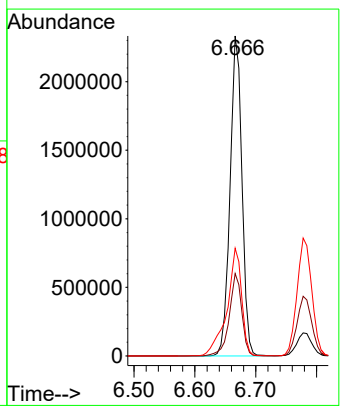


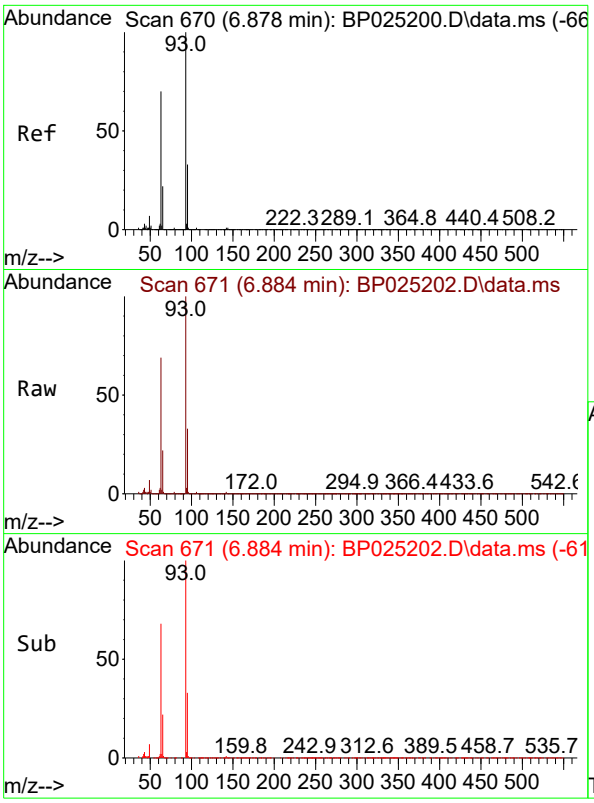


#10
Phenol
Concen: 60.060 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 94 Resp: 3174369

Ion	Ratio	Lower	Upper
94	100		
65	25.7	5.4	45.4
66	33.7	13.5	53.5



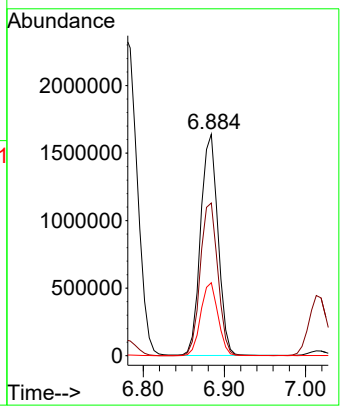


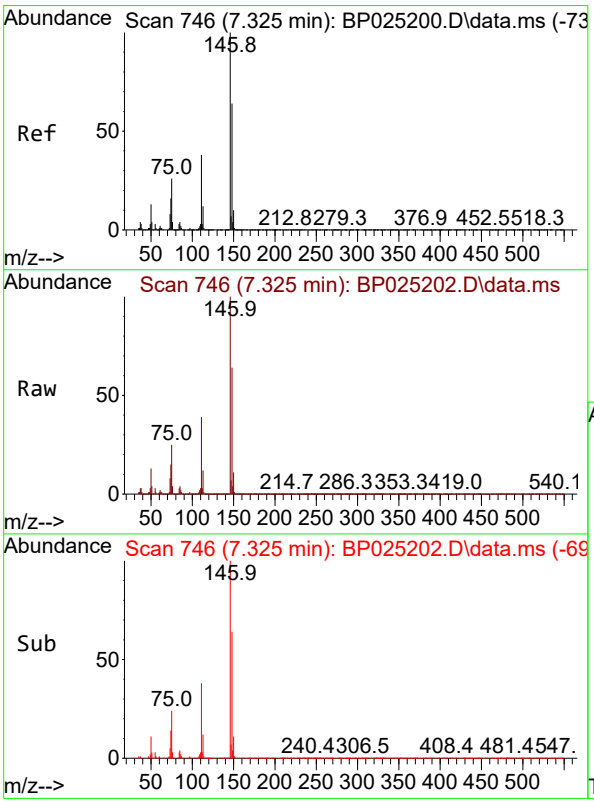
#11
bis(2-Chloroethyl)ether
Concen: 59.805 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 2426943

Ion	Ratio	Lower	Upper
93	100		
63	68.9	50.0	90.0
95	33.0	12.9	52.9

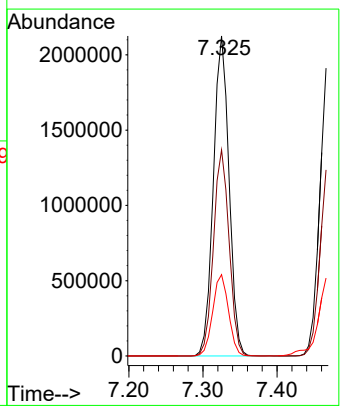


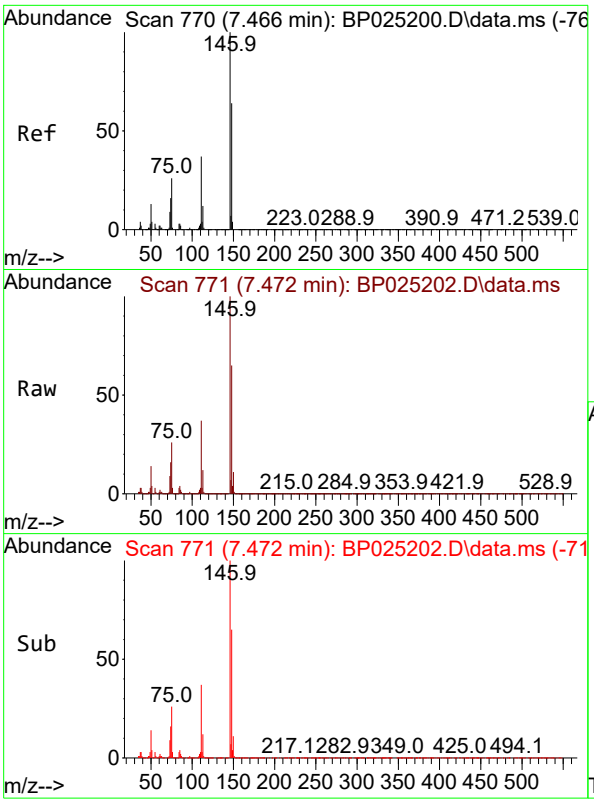


#12
1,3-Dichlorobenzene
Concen: 58.985 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3115614

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	25.4	20.6	31.0



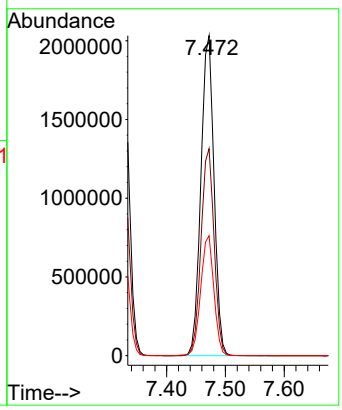


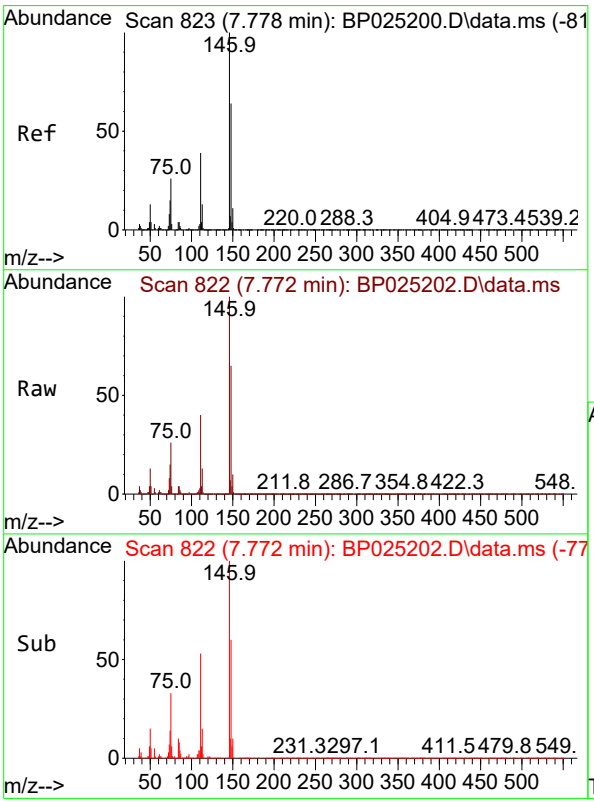
#13
1,4-Dichlorobenzene
Concen: 58.888 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 3138912

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9

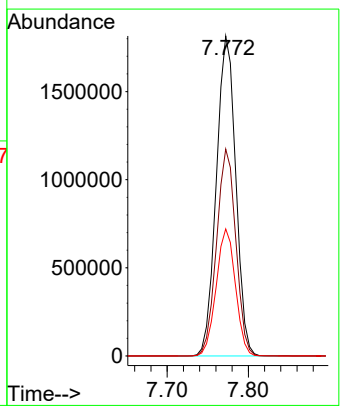


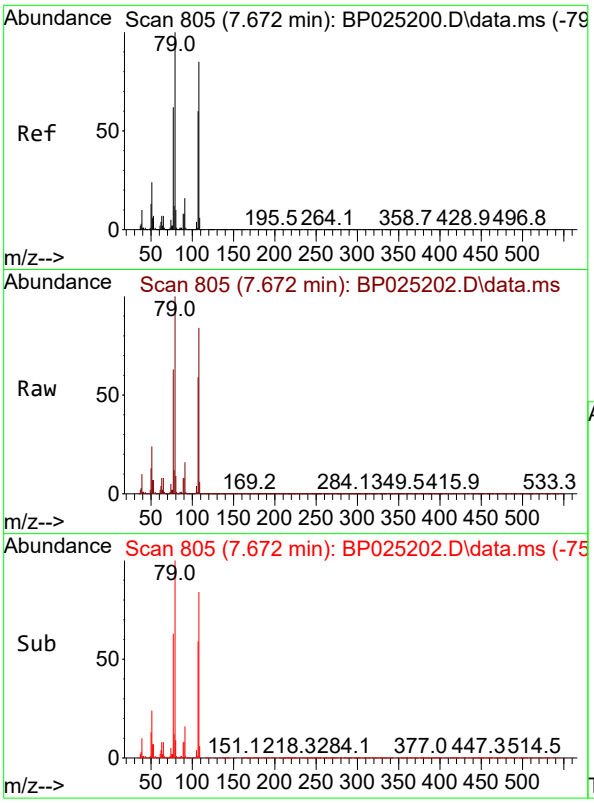


#14
1,2-Dichlorobenzene
Concen: 58.935 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3018509

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	39.7	31.3	46.9



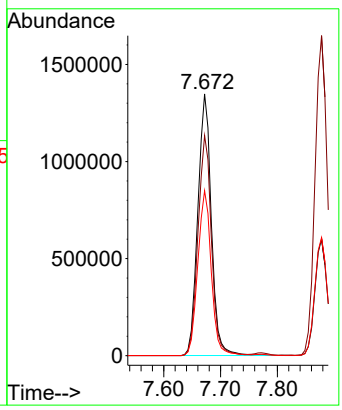


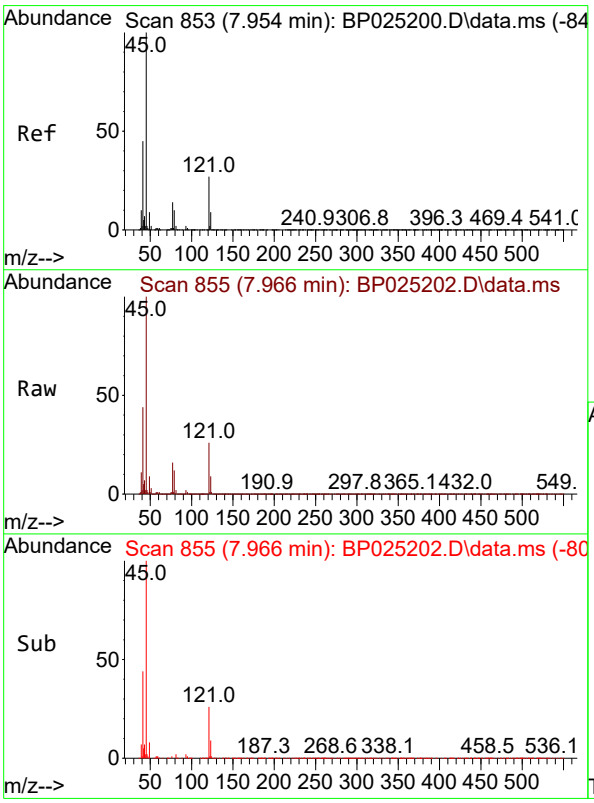
#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 2232586

Ion	Ratio	Lower	Upper
79	100		
108	84.1	67.8	101.6
77	63.0	49.9	74.9

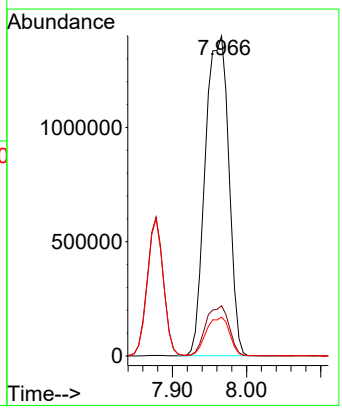


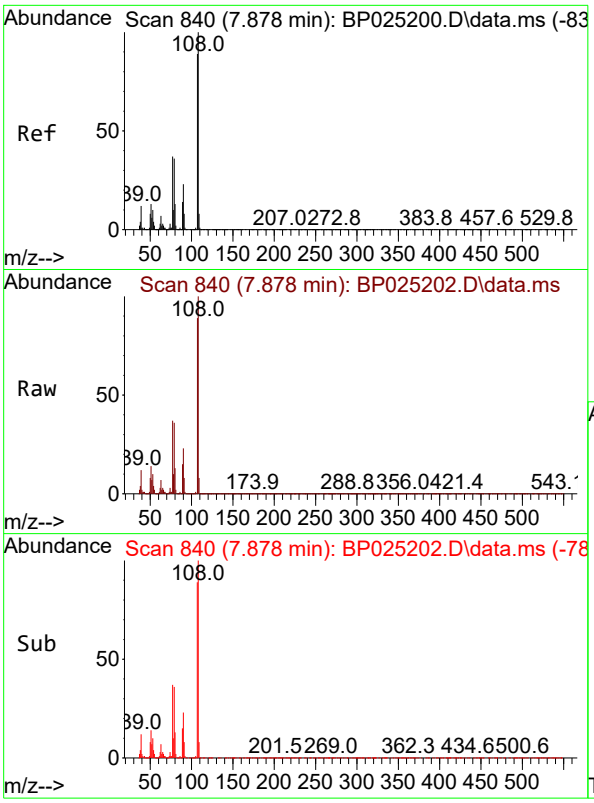


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.089 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 45 Resp: 3075798

Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	36.0
79	12.2	0.0	31.7



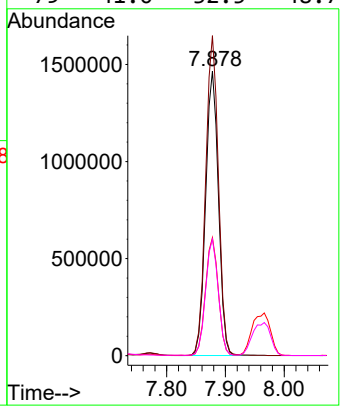


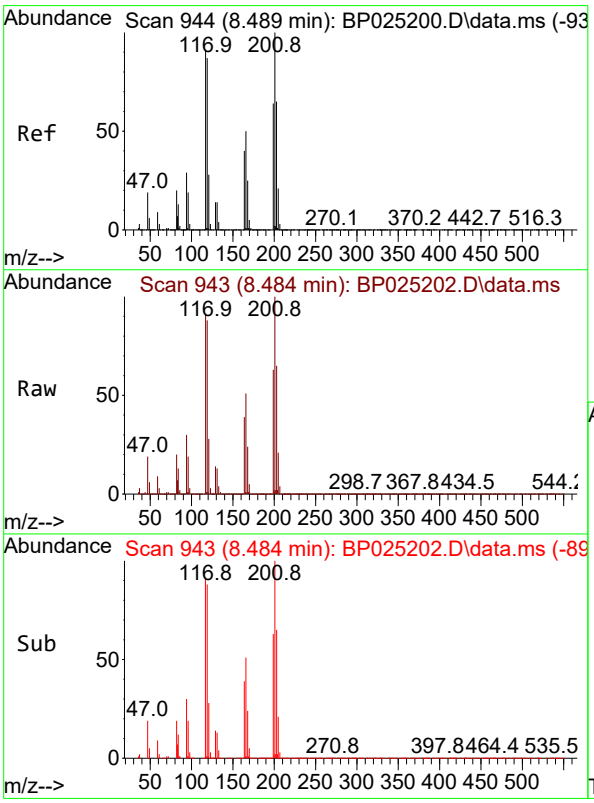
#17
2-Methylphenol
Concen: 60.430 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 2209131

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	41.5	33.2	49.8
79	41.0	32.5	48.7

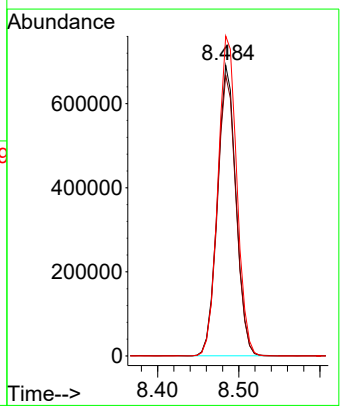


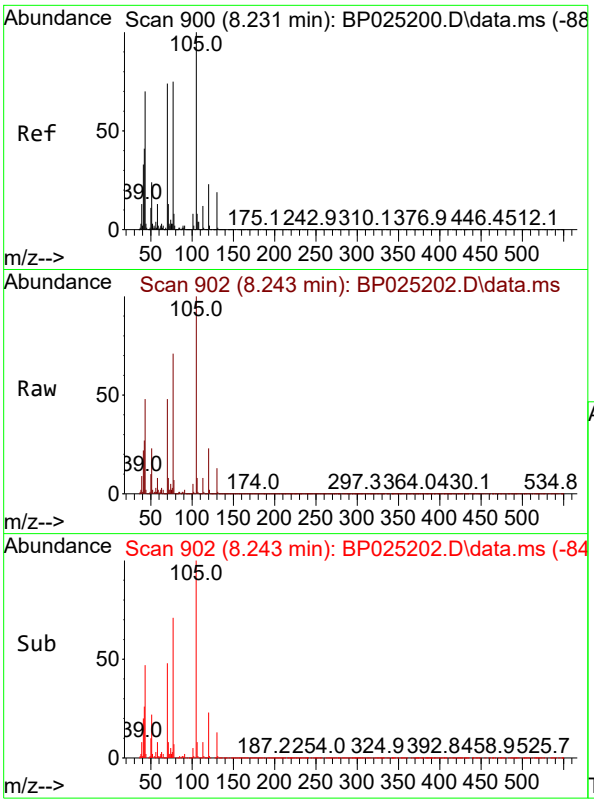


#18
Hexachloroethane
Concen: 60.363 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:117 Resp: 1098658

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
201	110.1	88.3	132.5



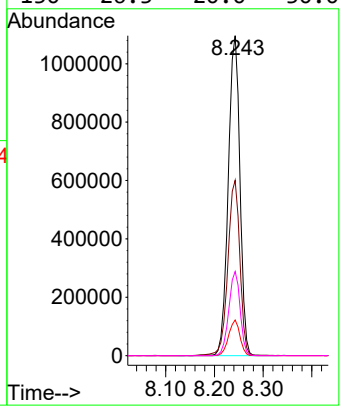


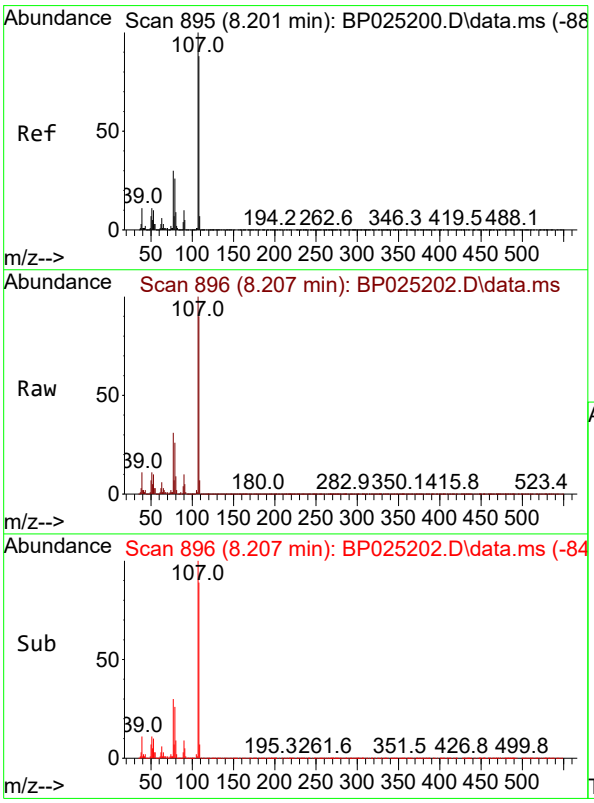
#19
n-Nitroso-di-n-propylamine
Concen: 59.342 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1826970

Ion	Ratio	Lower	Upper
70	100		
42	54.8	44.2	66.2
101	11.2	8.6	12.8
130	26.3	20.0	30.0

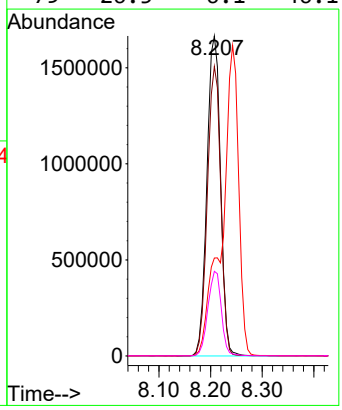


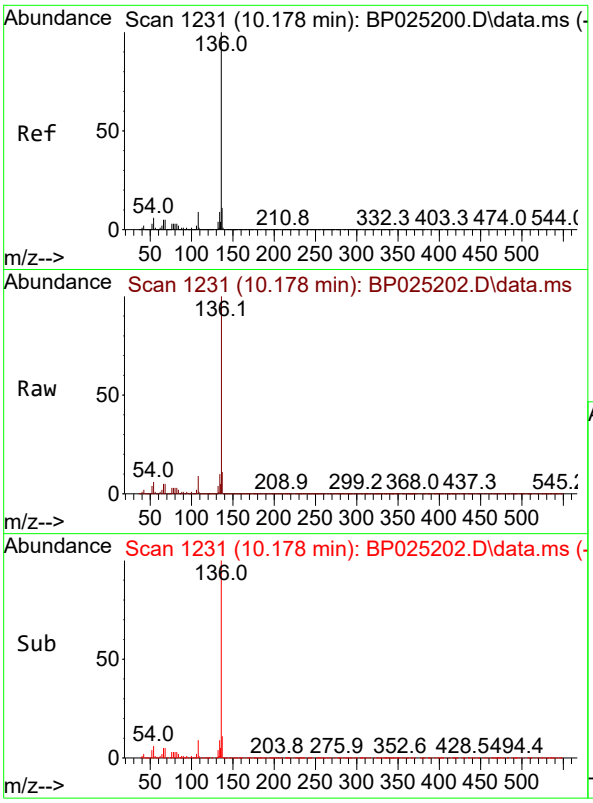


#20
3+4-Methylphenols
Concen: 60.708 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 3031281

Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.8	107.8
77	30.6	10.3	50.3
79	26.5	6.1	46.1



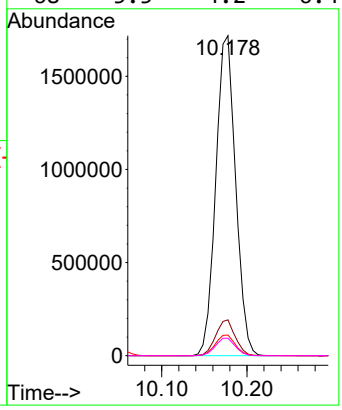


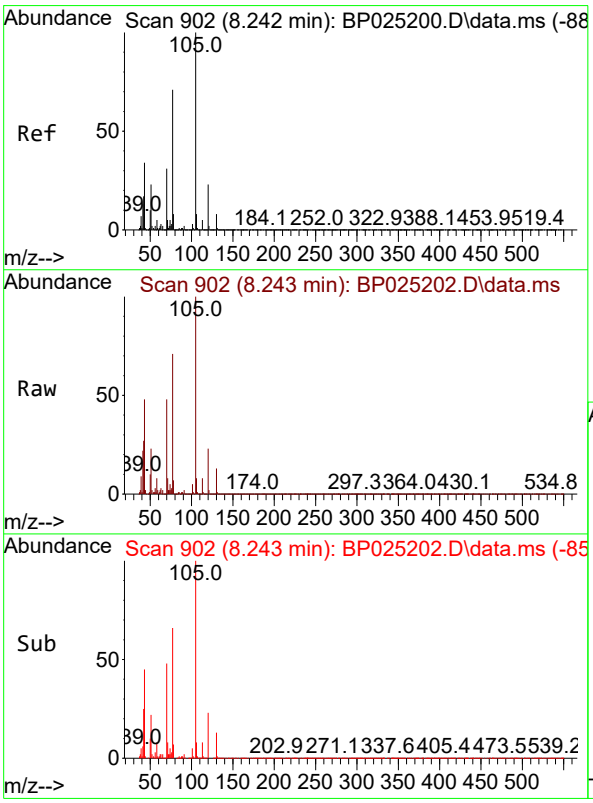
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 2780561

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.2	6.4

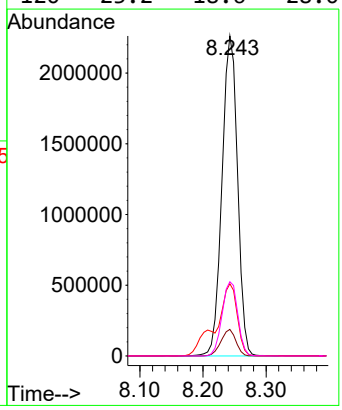


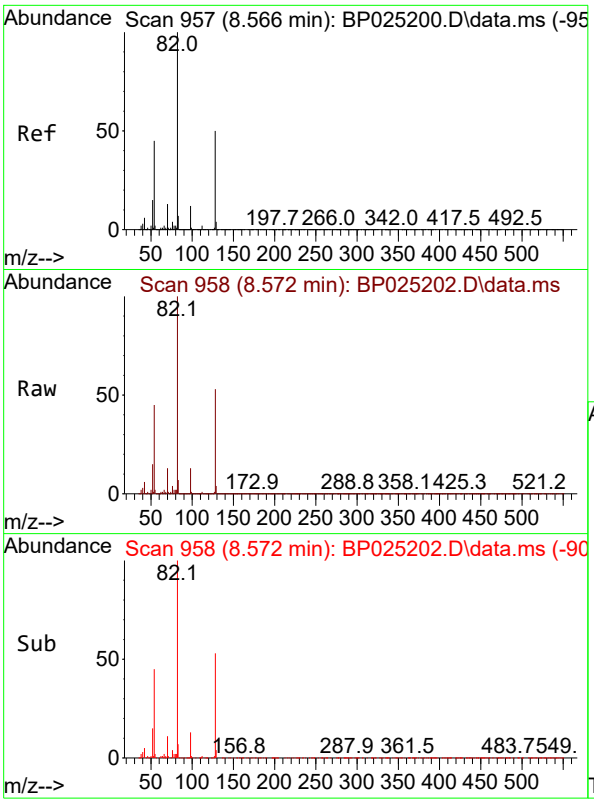


#22
Acetophenone
Concen: 58.588 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:105 Resp: 3858483

Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.1	6.1#
51	22.6	18.5	27.7
120	23.2	18.6	28.0



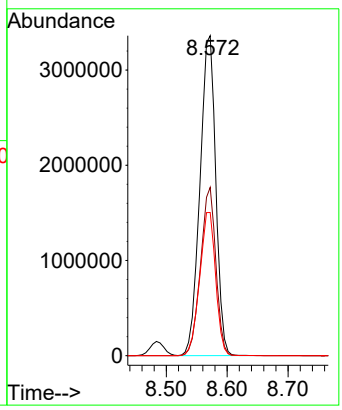


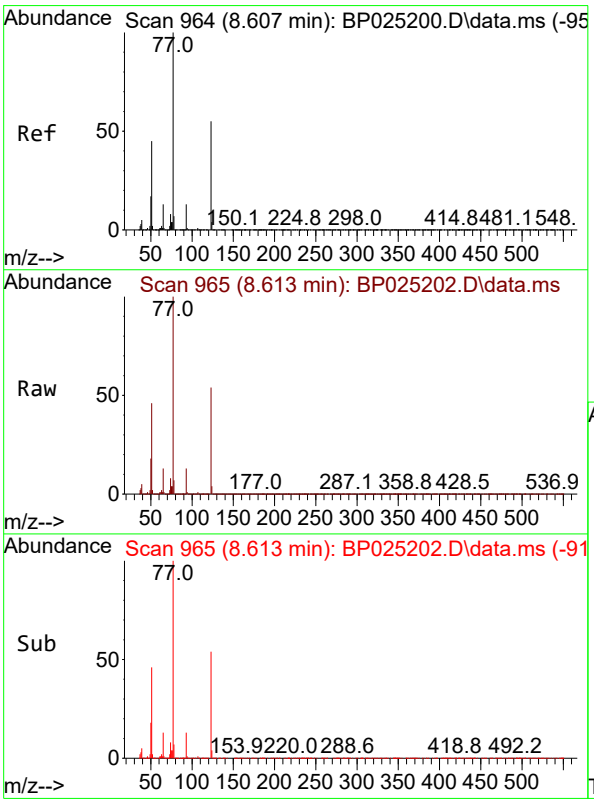
#23
Nitrobenzene-d5
Concen: 119.391 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 6054858

Ion	Ratio	Lower	Upper
82	100		
128	52.6	40.2	60.4
54	44.7	36.3	54.5

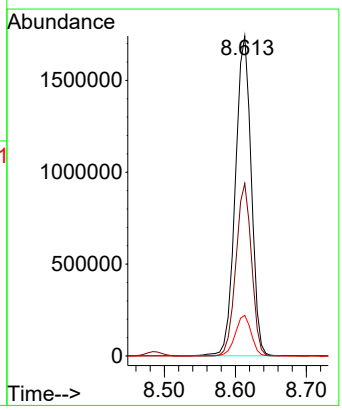


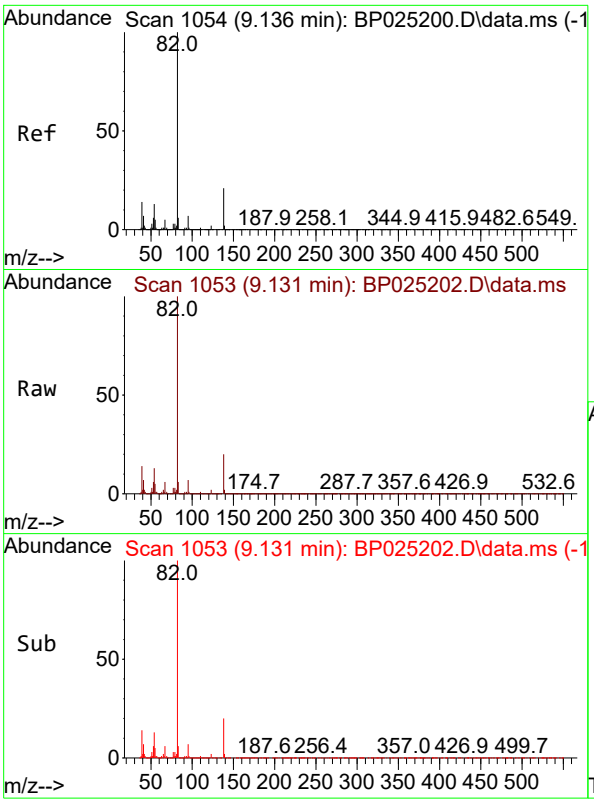


#24
Nitrobenzene
Concen: 60.375 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 77 Resp: 2713532

Ion	Ratio	Lower	Upper
77	100		
123	53.9	43.6	65.4
65	12.7	10.2	15.2



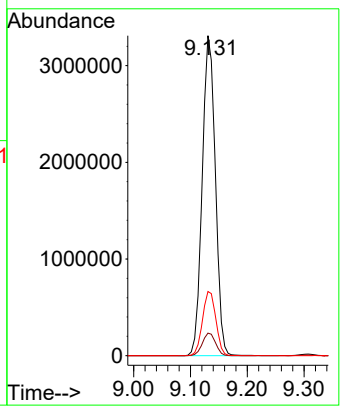


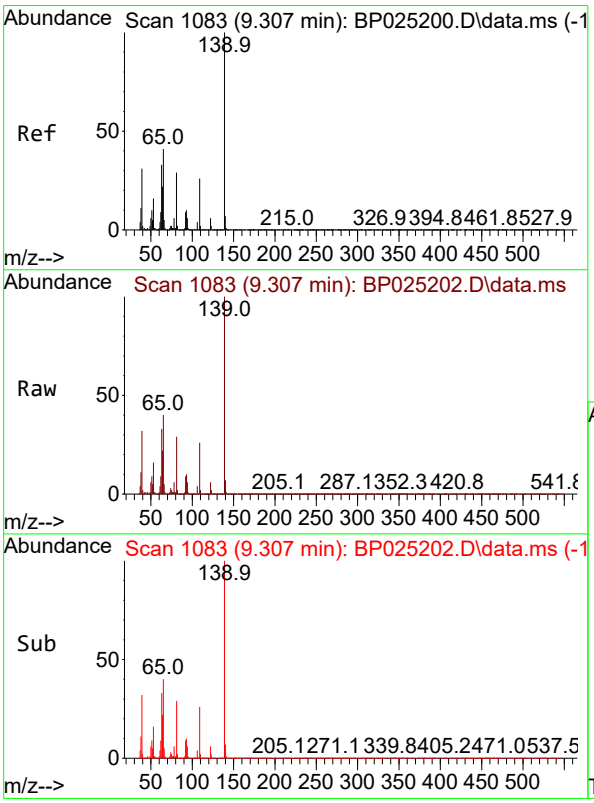
#25
Isophorone
Concen: 59.683 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 5301098

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	20.0	16.6	25.0

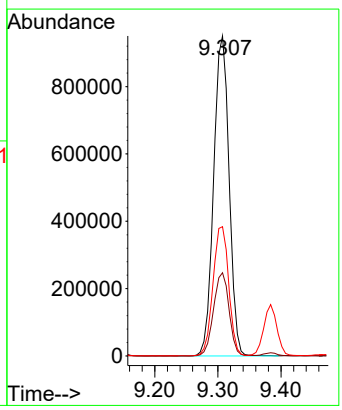


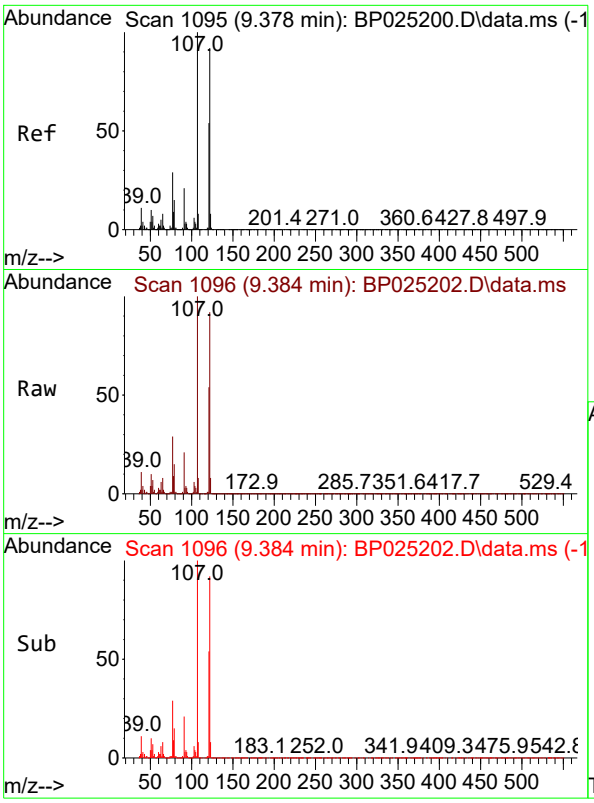


#26
2-Nitrophenol
Concen: 63.823 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1614578

Ion	Ratio	Lower	Upper
139	100		
109	26.0	21.0	31.6
65	40.4	32.7	49.1



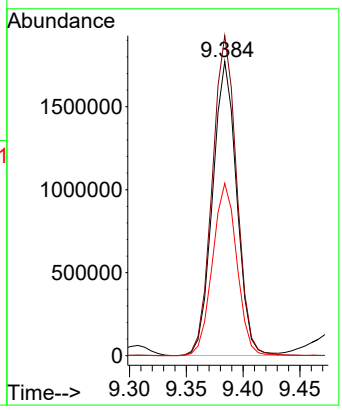


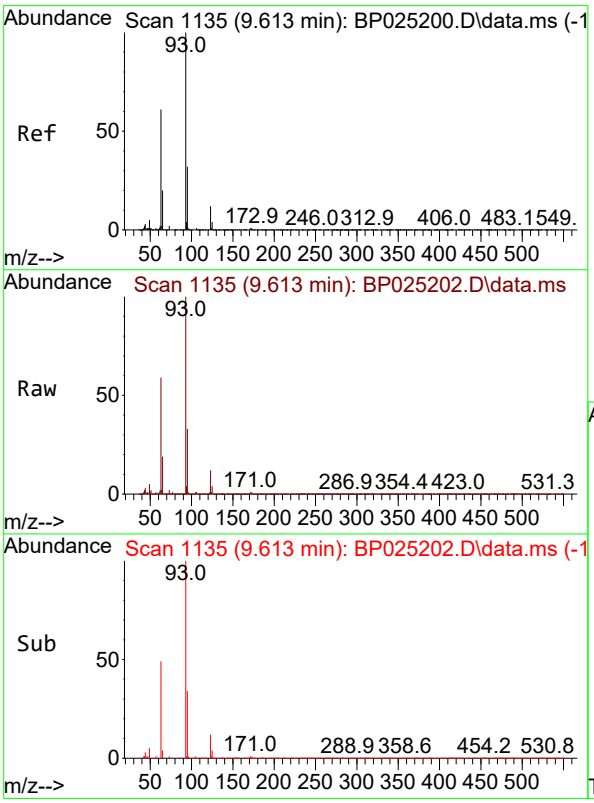
#27
2,4-Dimethylphenol
Concen: 60.802 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 2618557

Ion	Ratio	Lower	Upper
122	100		
107	108.8	87.0	130.4
121	58.6	46.7	70.1

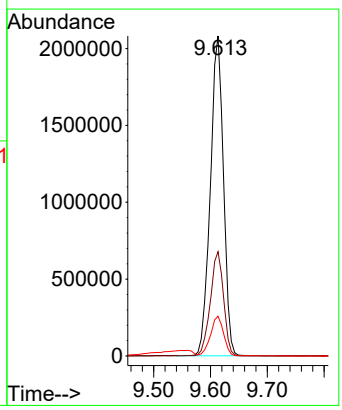


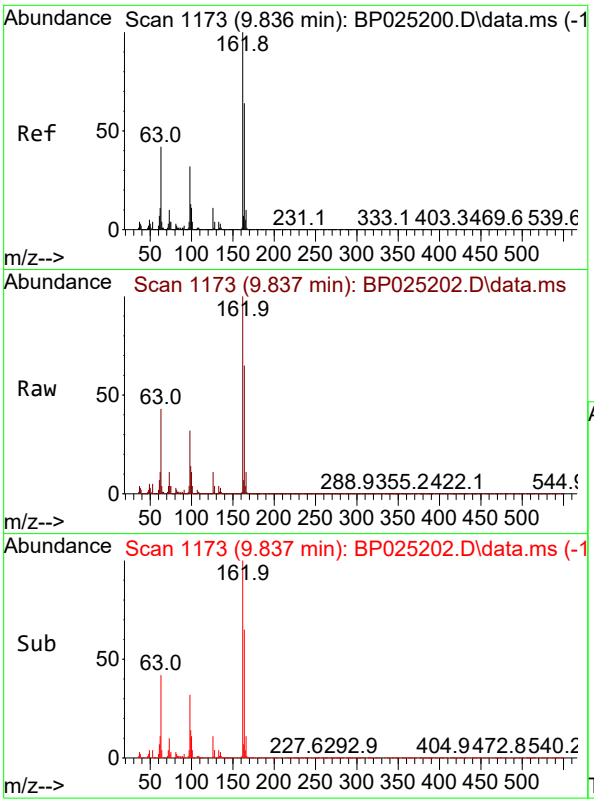


#28
bis(2-Chloroethoxy)methane
Concen: 59.673 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 3327518

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	12.4	9.8	14.6



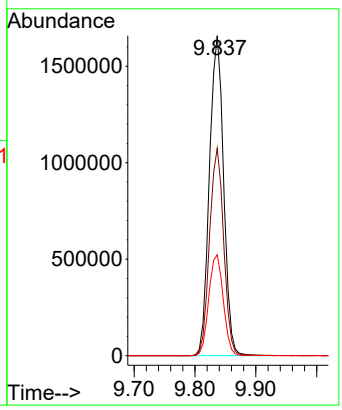


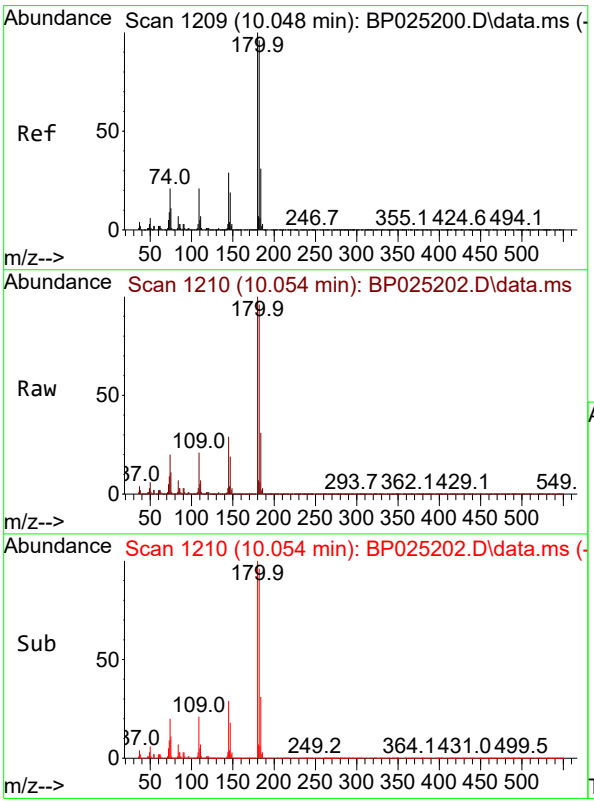
#29
2,4-Dichlorophenol
Concen: 60.808 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2686031

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	31.6	11.7	51.7

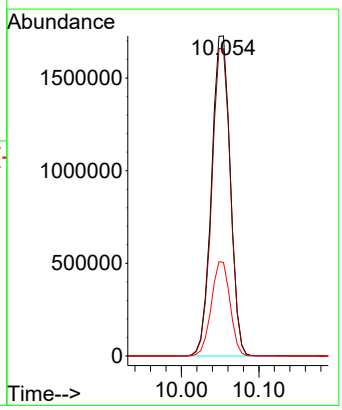


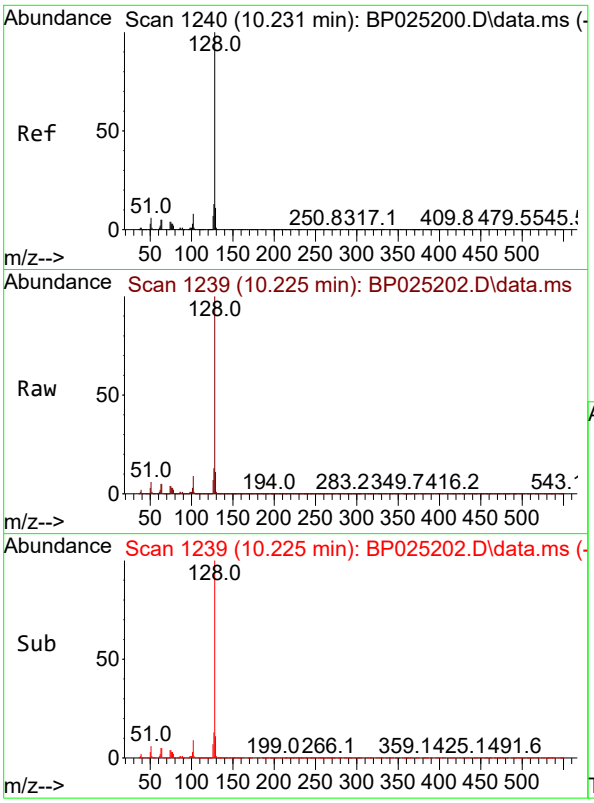


#30
1,2,4-Trichlorobenzene
Concen: 59.549 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:180 Resp: 2894308

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	29.2	23.5	35.3



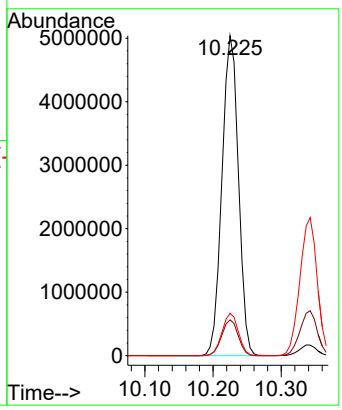


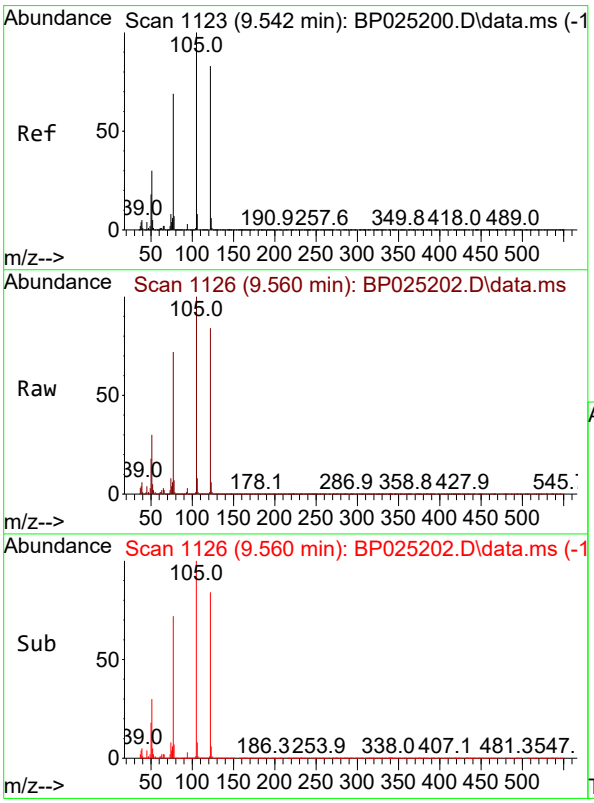
#31
Naphthalene
Concen: 58.501 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 8471283

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.4	15.6

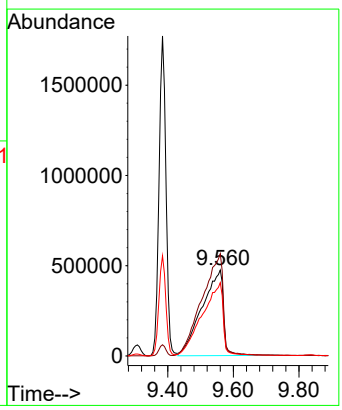


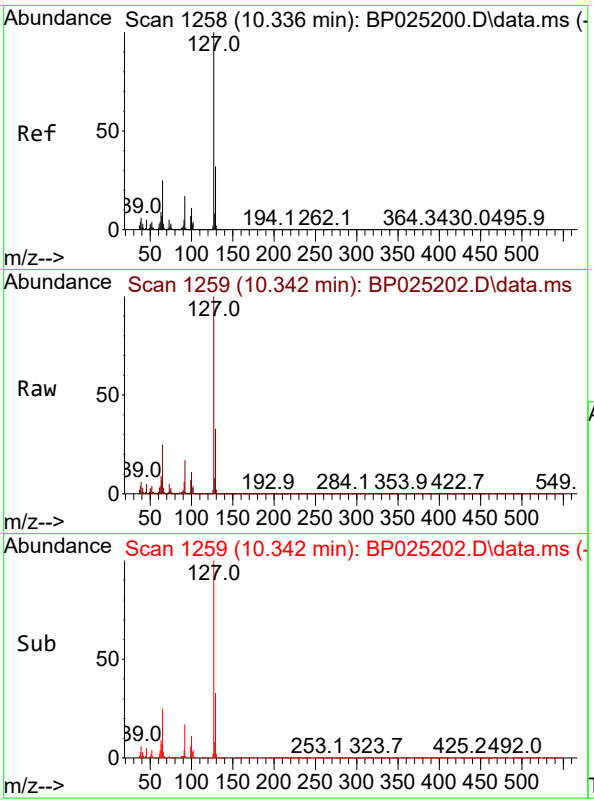


#32
Benzoic acid
Concen: 68.334 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:122 Resp: 2149321

Ion	Ratio	Lower	Upper
122	100		
105	119.1	98.1	138.1
77	85.3	62.7	102.7



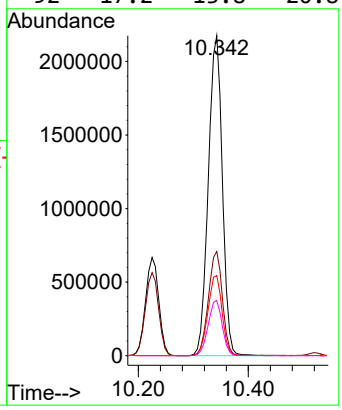


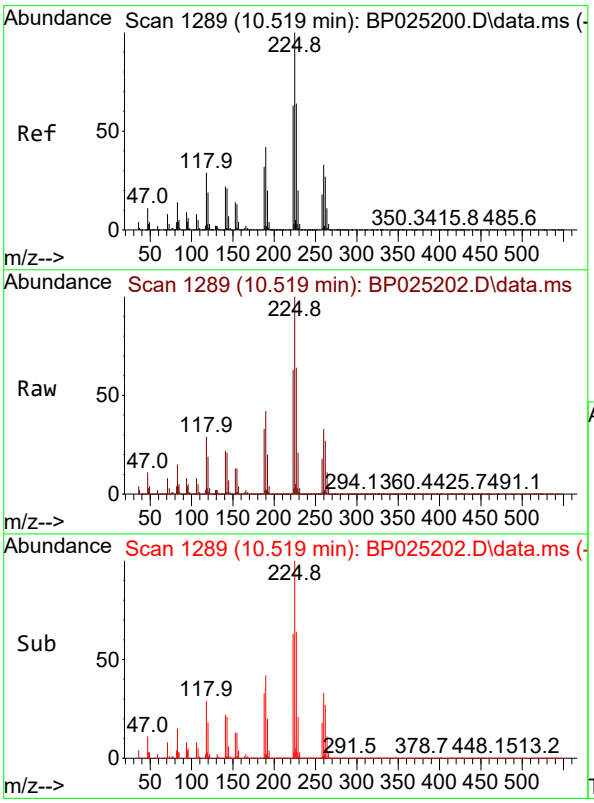
#33
4-Chloroaniline
Concen: 61.295 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 3853838

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	25.1	20.2	30.4
92	17.2	13.8	20.8

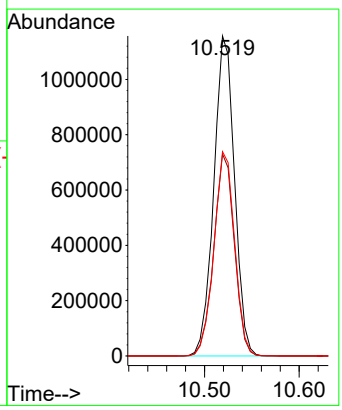


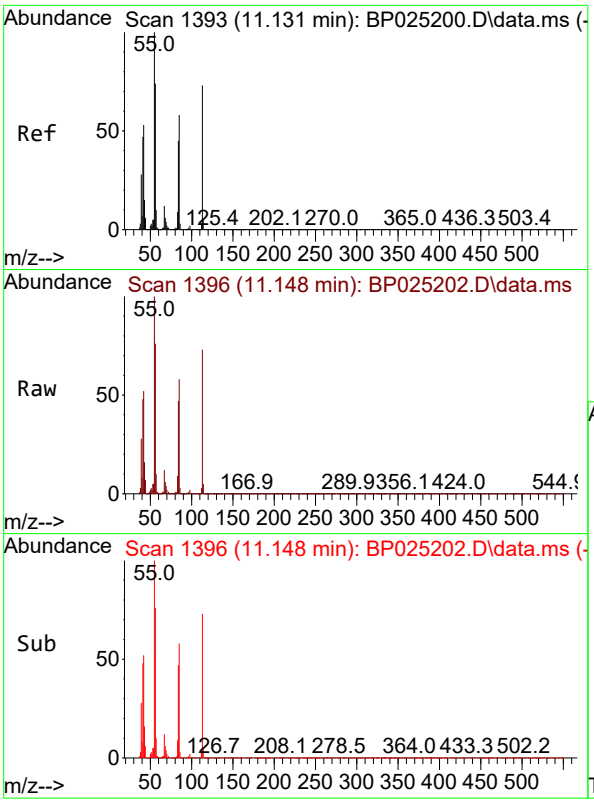


#34
Hexachlorobutadiene
Concen: 60.210 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:225 Resp: 1757479

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	63.9	51.4	77.0



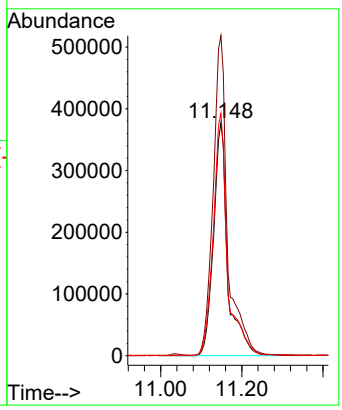


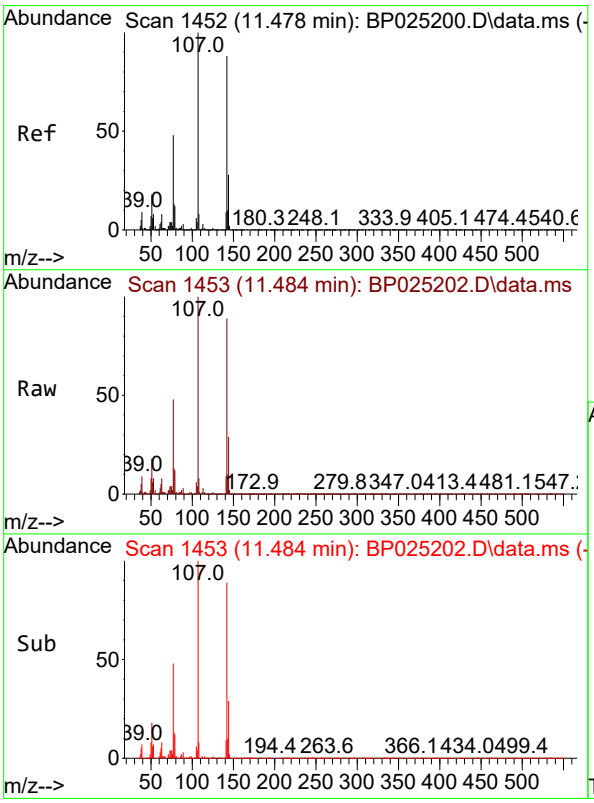
#35
Caprolactam
Concen: 62.713 ng
RT: 11.148 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 911643

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	104.2	82.4	122.4

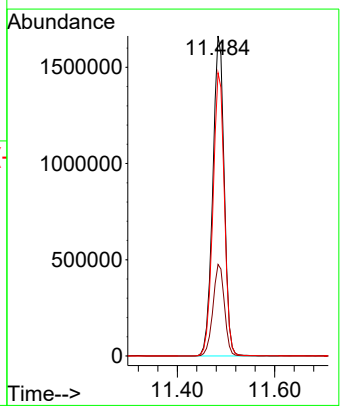


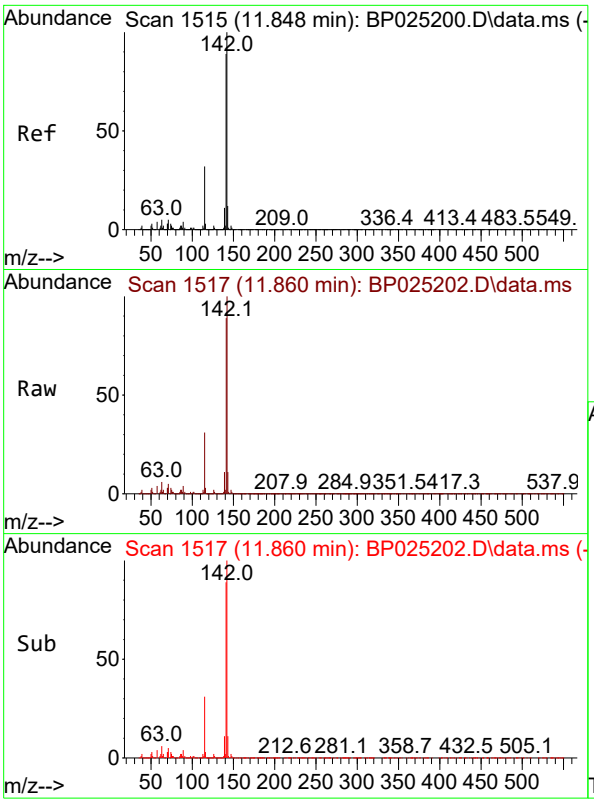


#36
4-Chloro-3-methylphenol
Concen: 61.242 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 2701662

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	88.5	70.6	105.8



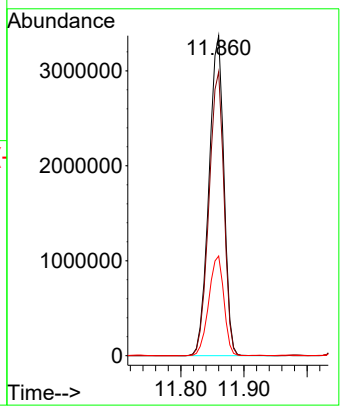


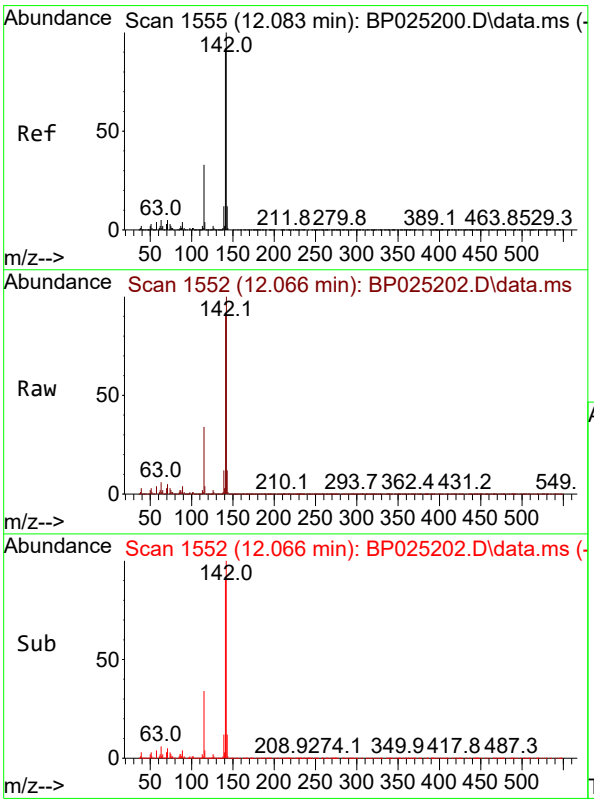
#37
2-Methylnaphthalene
Concen: 59.140 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 5538936

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	31.2	25.3	37.9

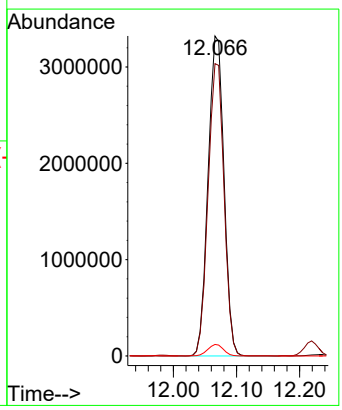


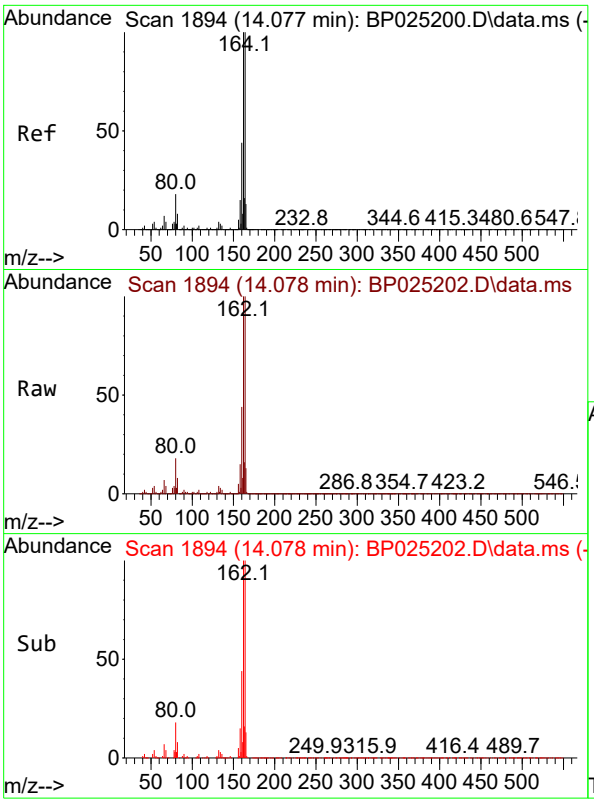


#38
1-Methylnaphthalene
Concen: 58.678 ng
RT: 12.066 min Scan# 1552
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:142 Resp: 5796319

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.6	2.8	4.2



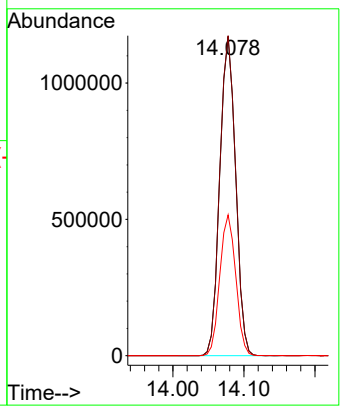


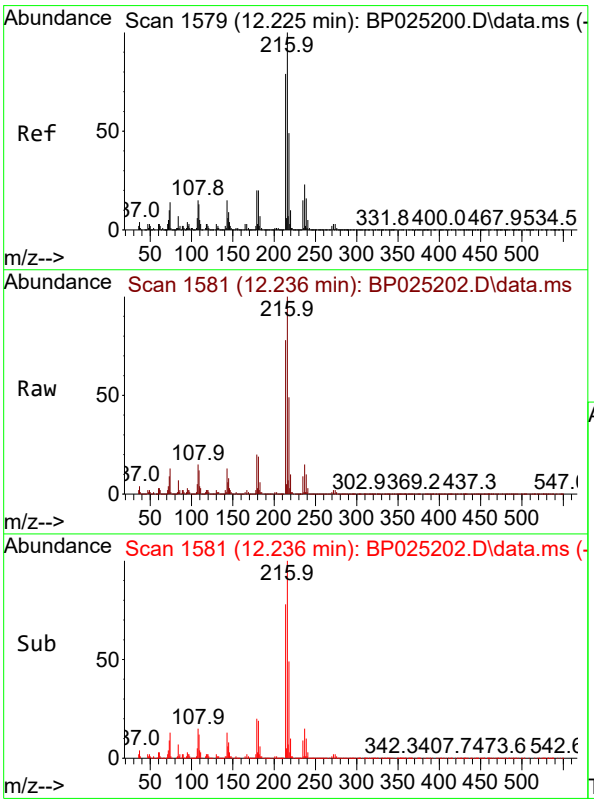
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 1802837

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.3	120.5
160	44.1	35.7	53.5

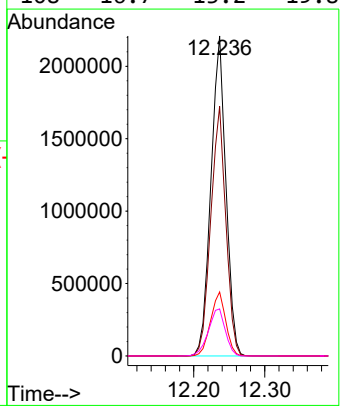


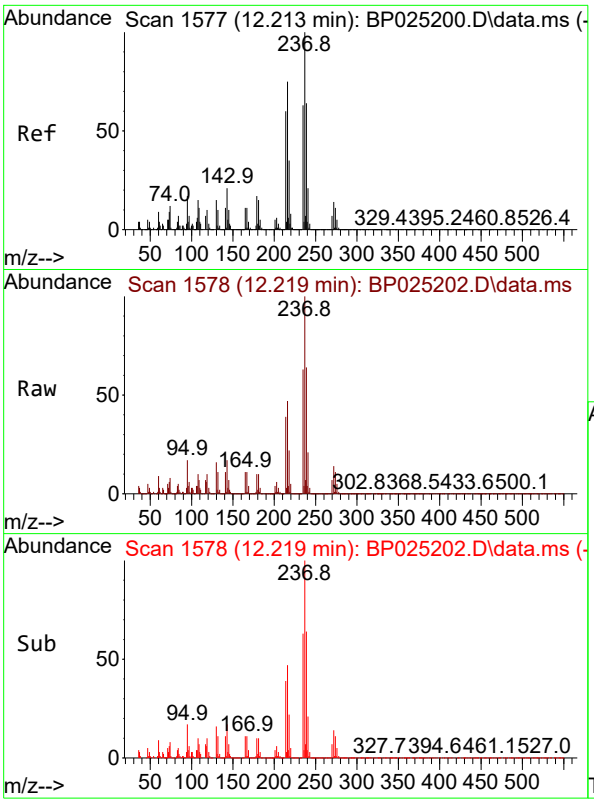


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.145 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:216 Resp: 3229034

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	20.2	16.2	24.4
108	16.7	13.2	19.8



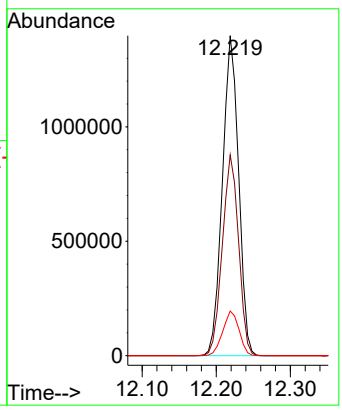


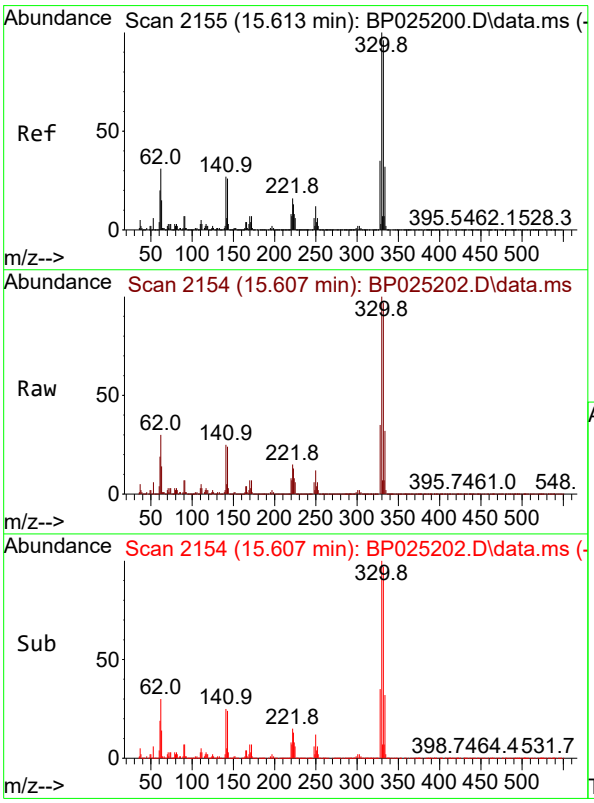
#41
Hexachlorocyclopentadiene
Concen: 68.531 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 2121694

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.7	82.7
272	14.0	0.0	33.6

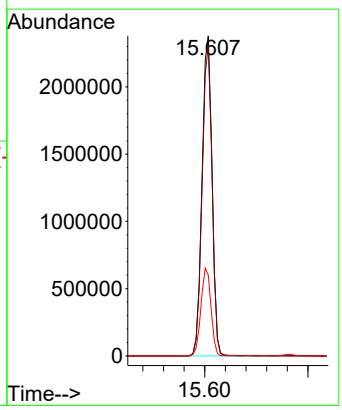


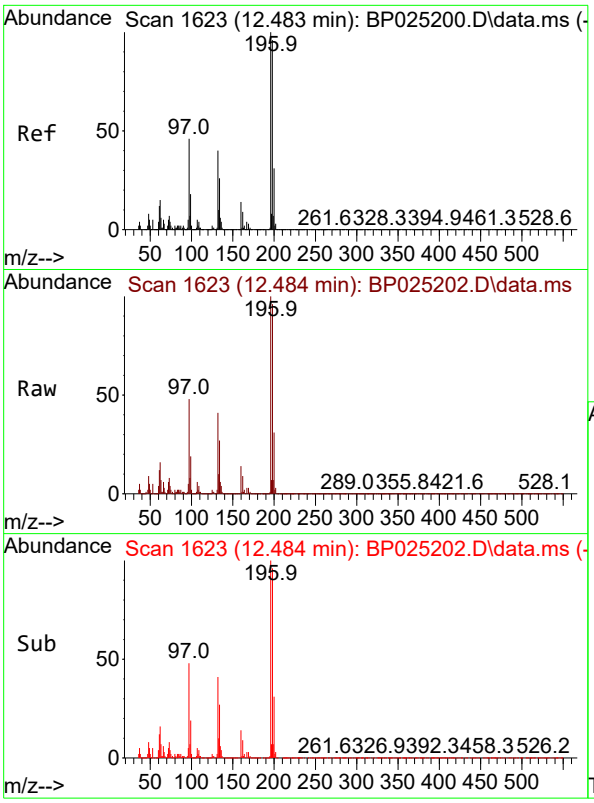


#42
2,4,6-Tribromophenol
Concen: 119.256 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:330 Resp: 3197029

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	27.5	22.4	33.6



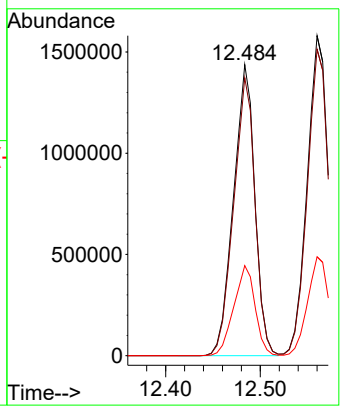


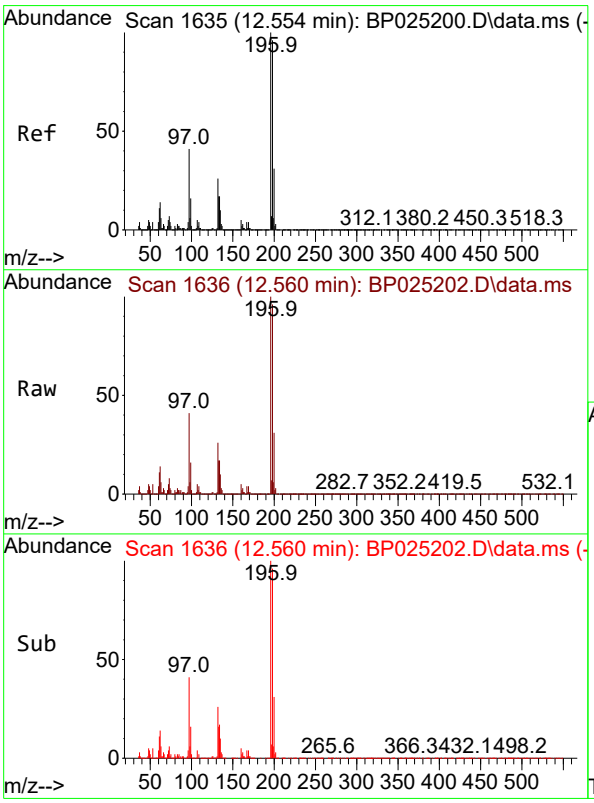
#43
2,4,6-Trichlorophenol
Concen: 61.035 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 2251566

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	114.8
200	31.0	24.7	37.1

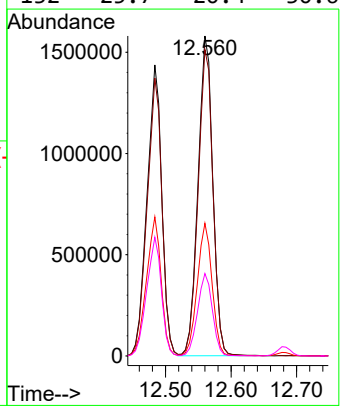


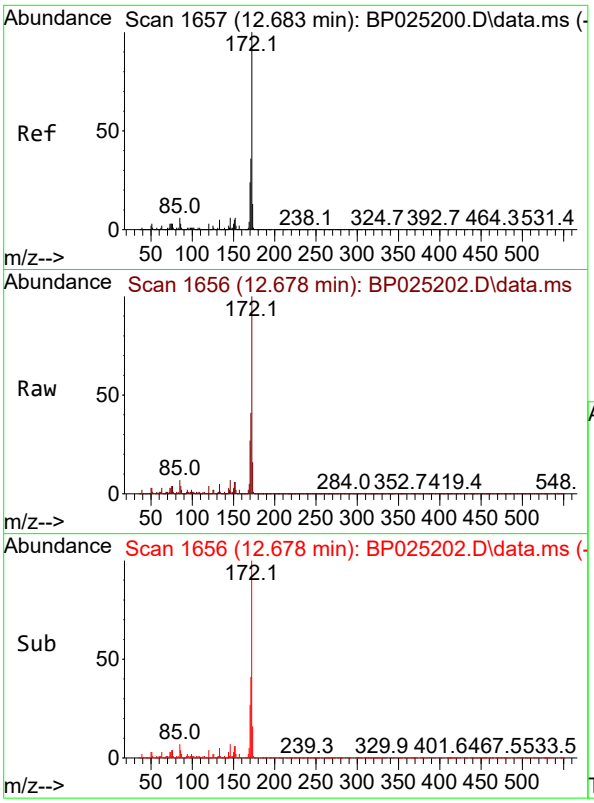


#44
2,4,5-Trichlorophenol
Concen: 61.107 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:196 Resp: 2484748

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.7	115.1
97	41.4	33.0	49.4
132	25.7	20.4	30.6



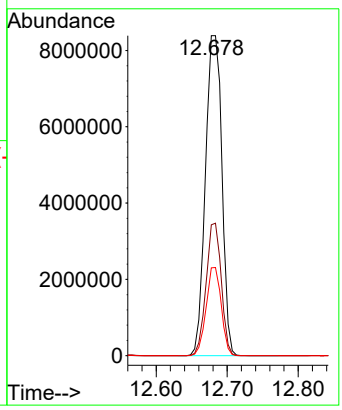


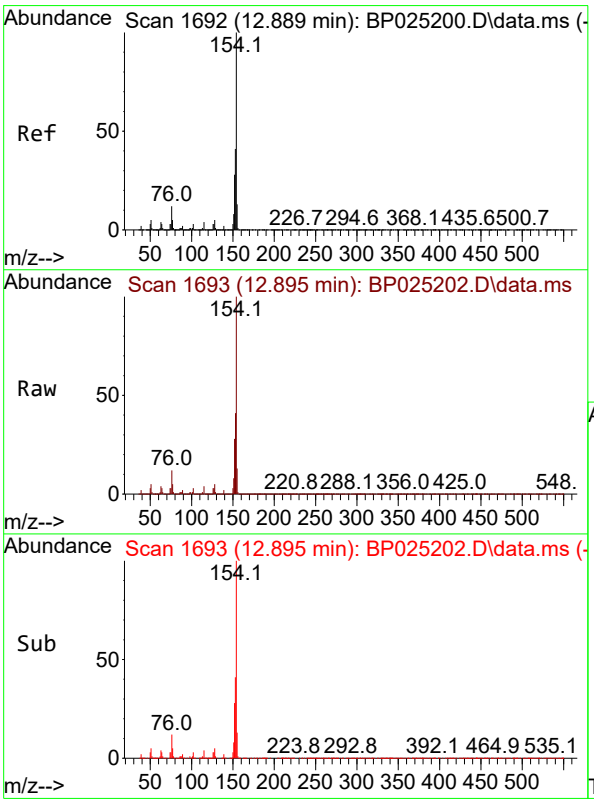
#45
2-Fluorobiphenyl
Concen: 99.423 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp:13539099

Ion	Ratio	Lower	Upper
172	100		
171	40.9	28.8	43.2
170	27.4	19.2	28.8

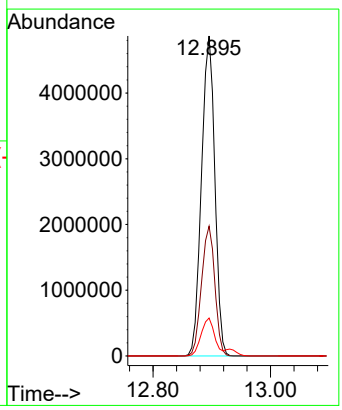


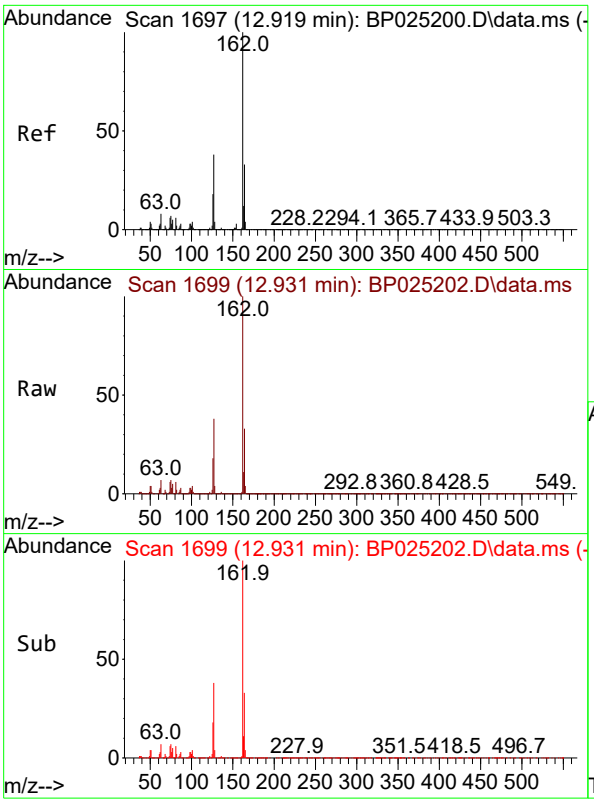


#46
1,1'-Biphenyl
Concen: 57.545 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 7671161

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	31.6



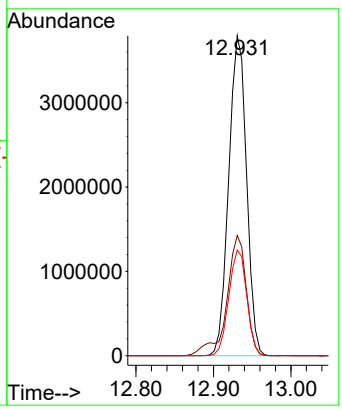


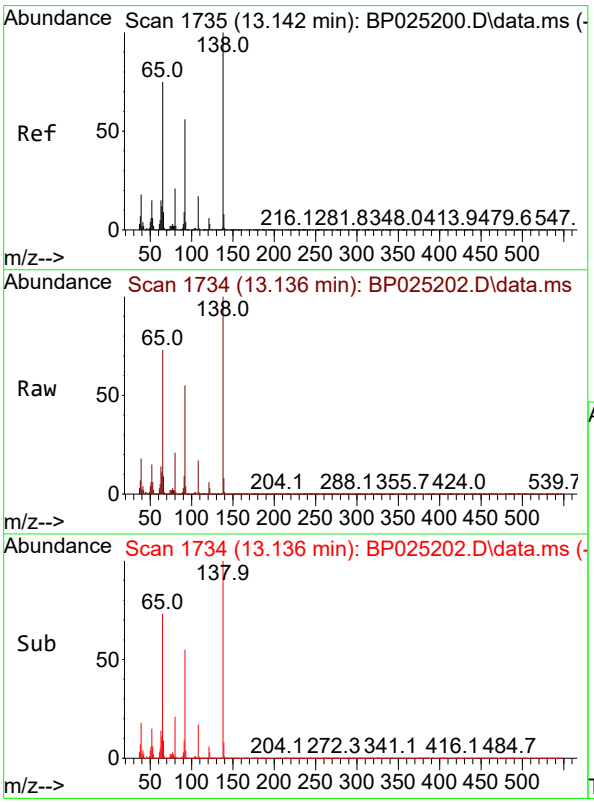
#47
2-Chloronaphthalene
Concen: 58.817 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 6074581

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	33.0	26.5	39.7

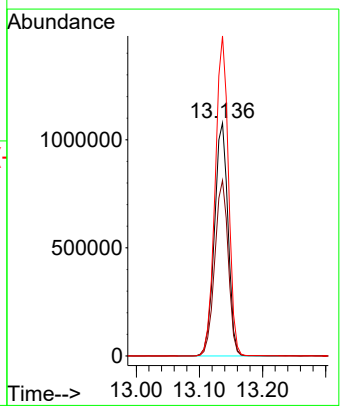


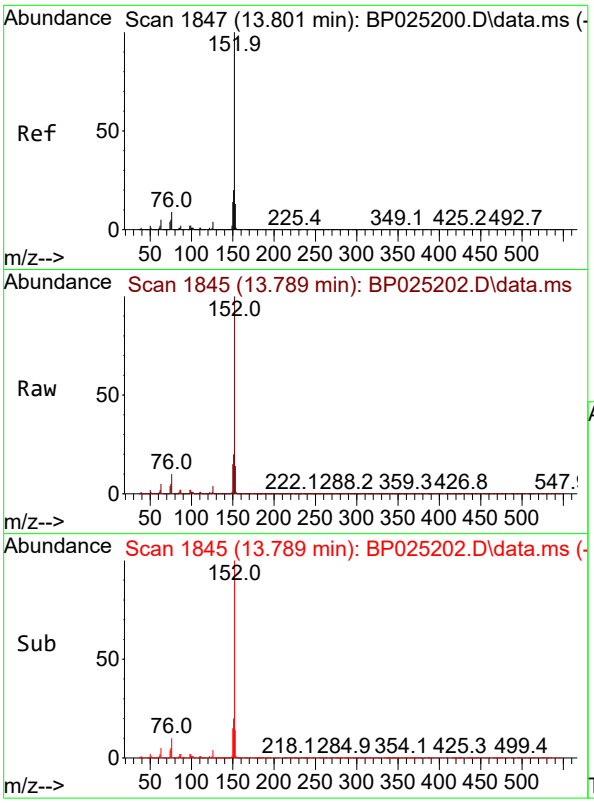


#48
2-Nitroaniline
Concen: 61.905 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 65 Resp: 1603764

Ion	Ratio	Lower	Upper
65	100		
92	75.4	59.9	89.9
138	137.4	107.1	160.7



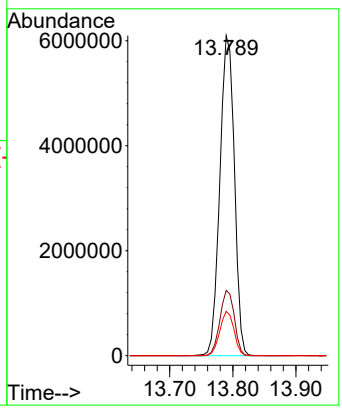


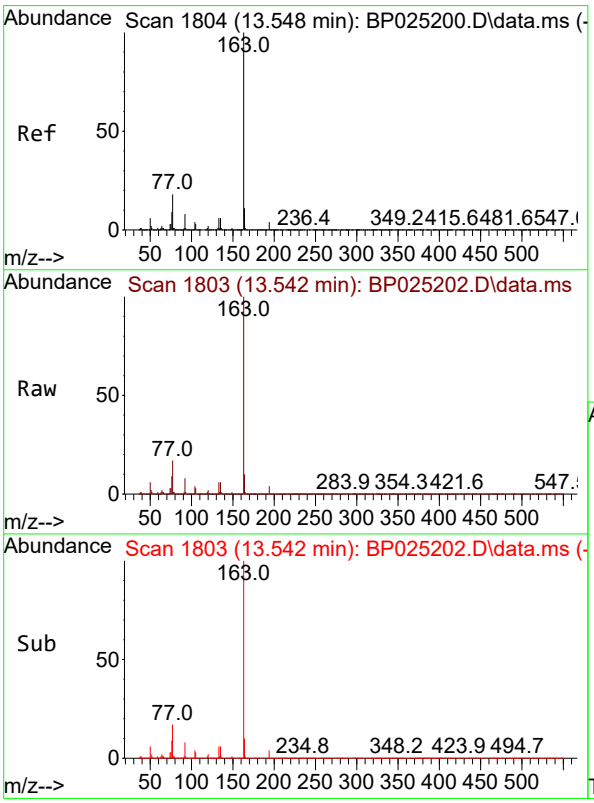
#49
Acenaphthylene
Concen: 57.536 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 9744261

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.9	10.6	15.8

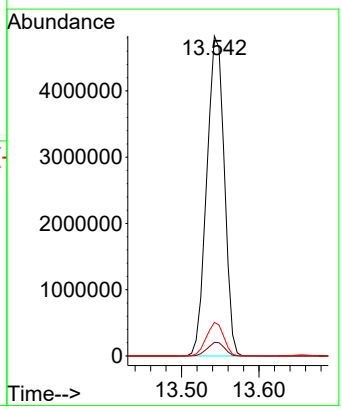


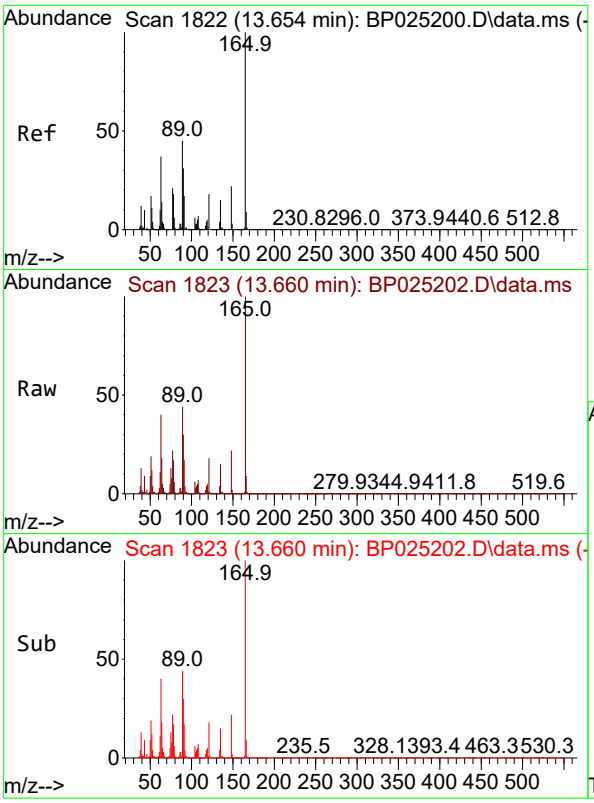


#50
Dimethylphthalate
Concen: 57.607 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:163 Resp: 7577608

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.5	8.5	12.7



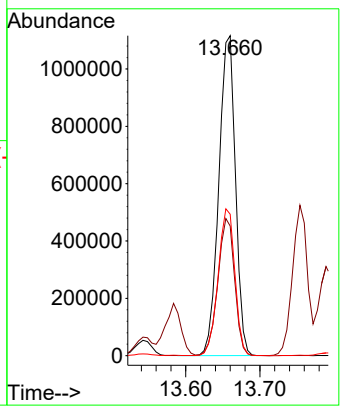


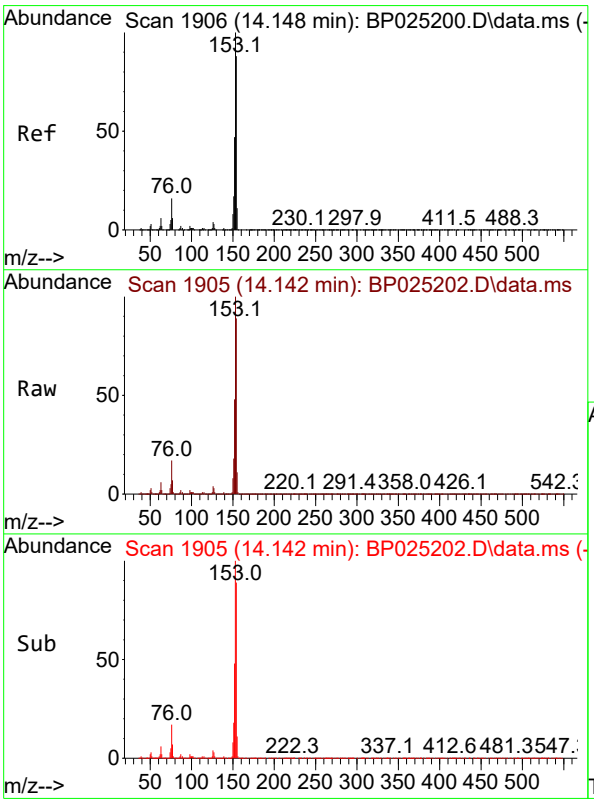
#51
2,6-Dinitrotoluene
Concen: 62.447 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1738822

Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.2
89	44.2	36.3	54.5

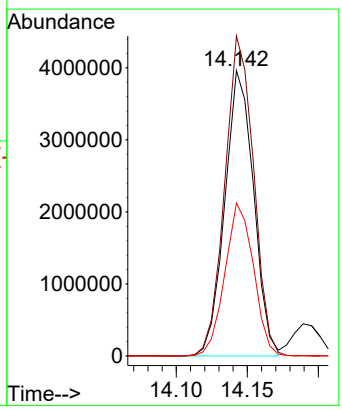


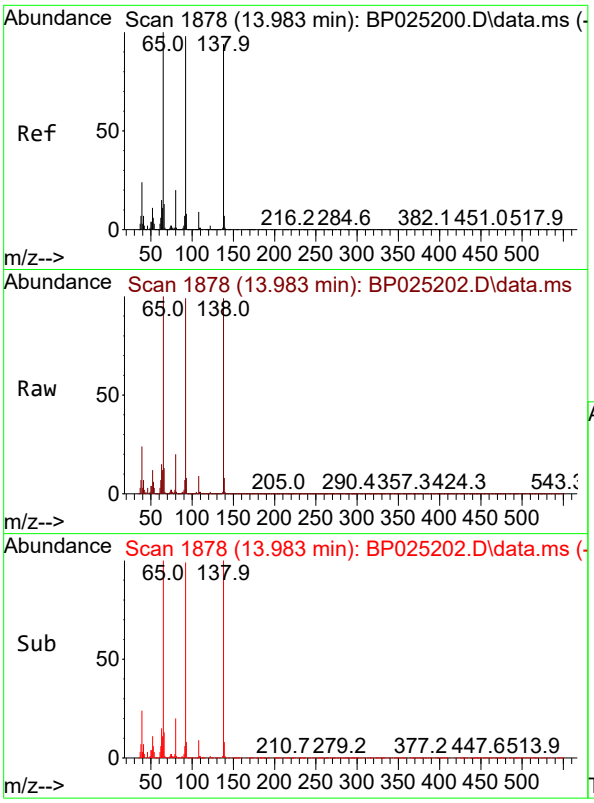


#52
Acenaphthene
Concen: 57.185 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 5579143

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.7	136.1
152	53.6	42.9	64.3



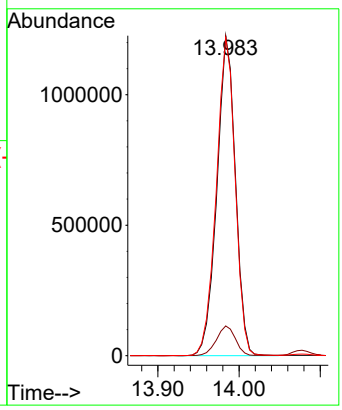


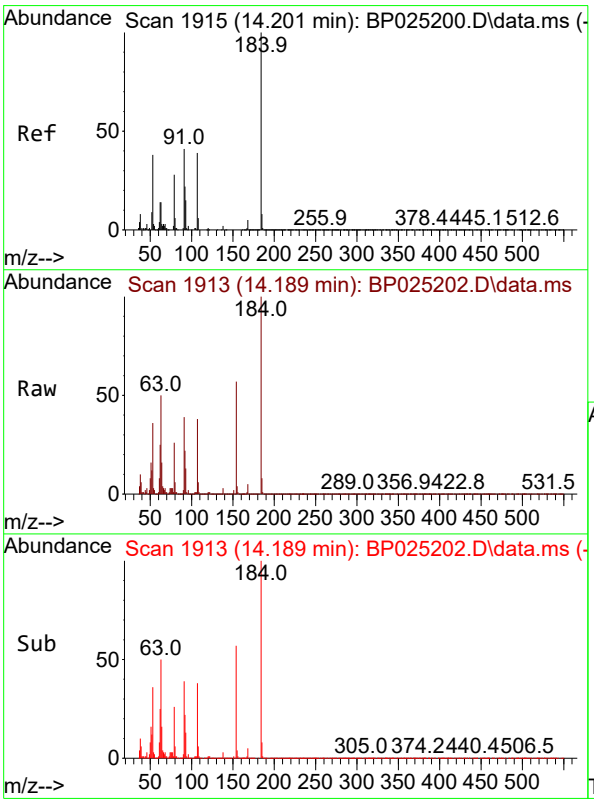
#53
3-Nitroaniline
Concen: 62.002 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 1947927

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.5	11.3
92	99.5	83.2	124.8

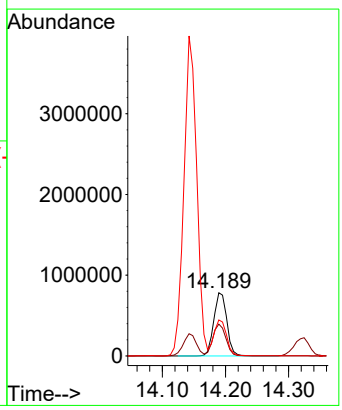


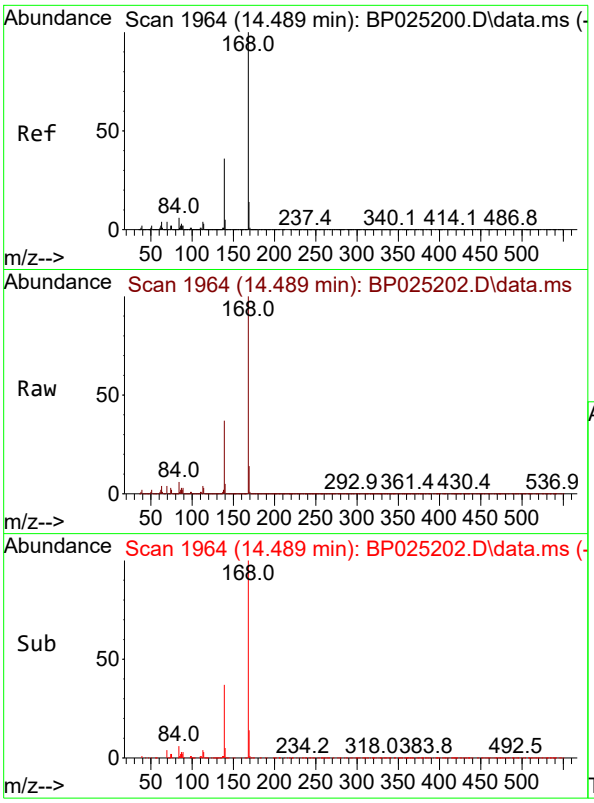


#54
2,4-Dinitrophenol
Concen: 71.772 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:184 Resp: 1119889

Ion	Ratio	Lower	Upper
184	100		
63	50.3	41.8	62.8
154	57.0	45.7	68.5



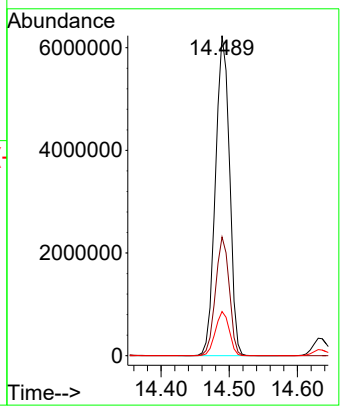


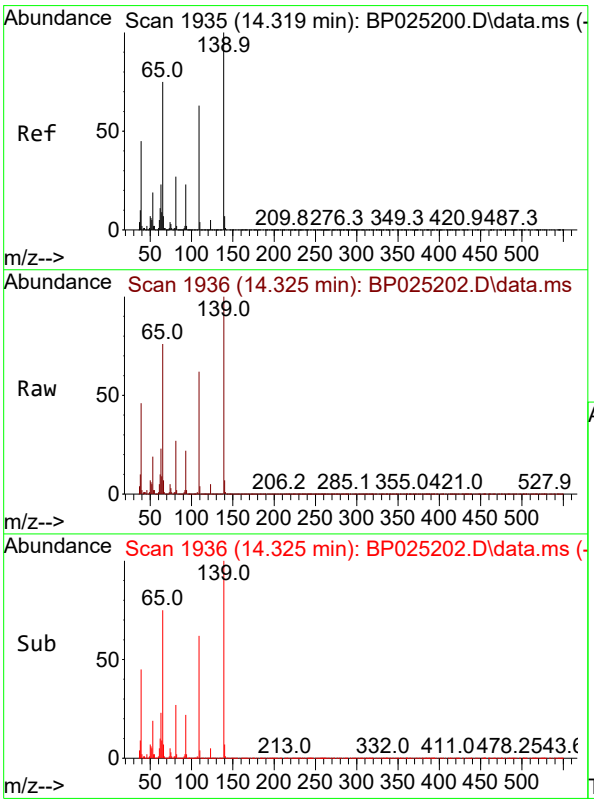
#55
Dibenzofuran
Concen: 56.778 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 8968837

Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.7	43.1
169	13.8	10.9	16.3

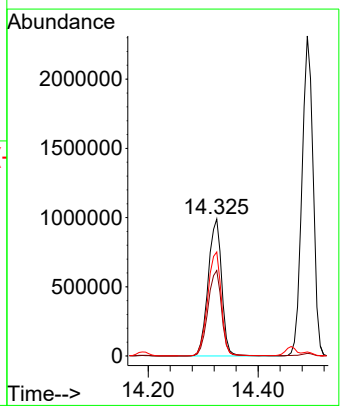


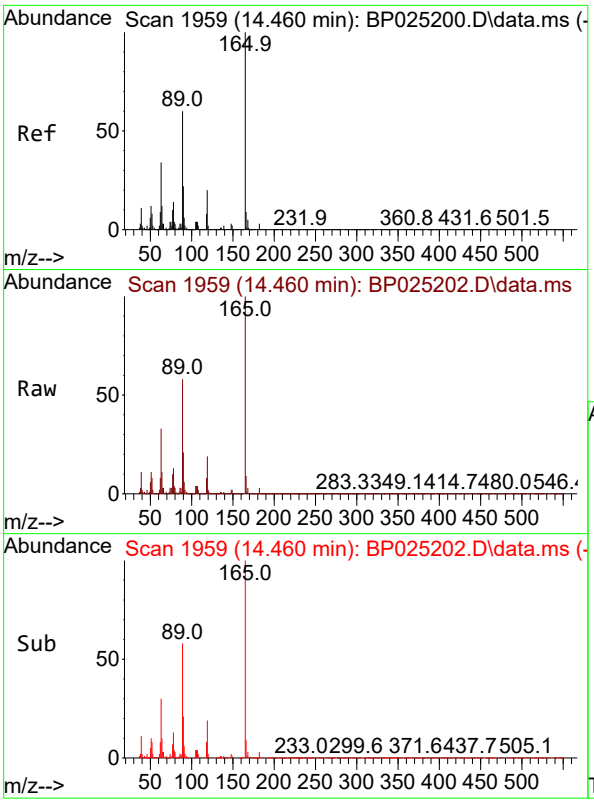


#56
4-Nitrophenol
Concen: 63.331 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1695550

Ion	Ratio	Lower	Upper
139	100		
109	62.4	42.6	82.6
65	76.0	55.4	95.4



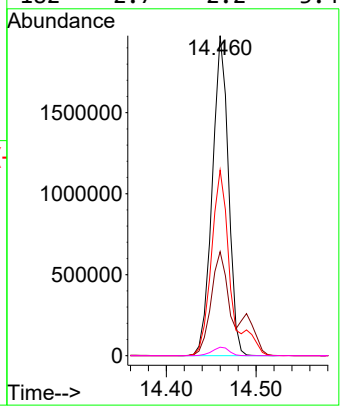


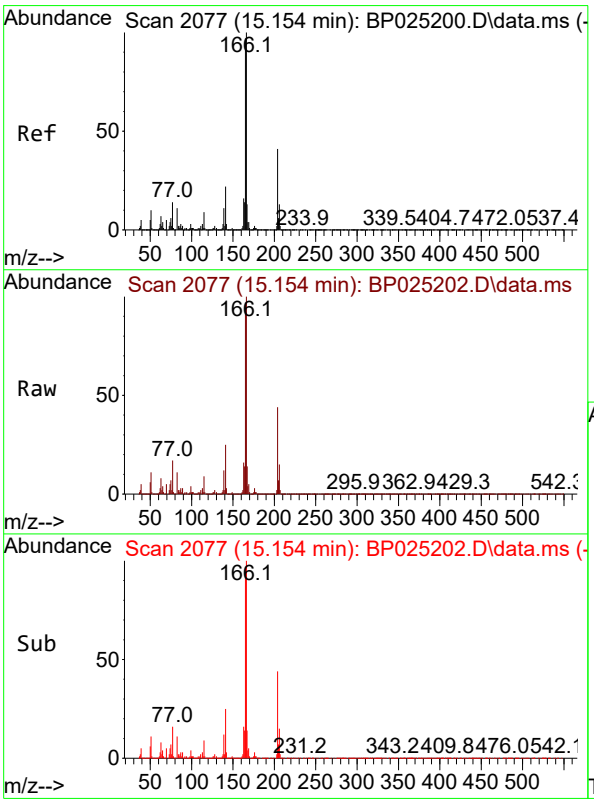
#57
2,4-Dinitrotoluene
Concen: 63.650 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 2469068

Ion	Ratio	Lower	Upper
165	100		
63	32.5	27.0	40.4
89	58.0	47.8	71.6
182	2.7	2.2	3.4

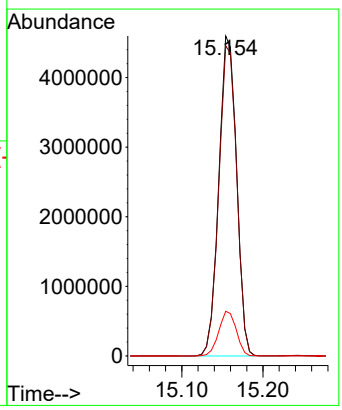


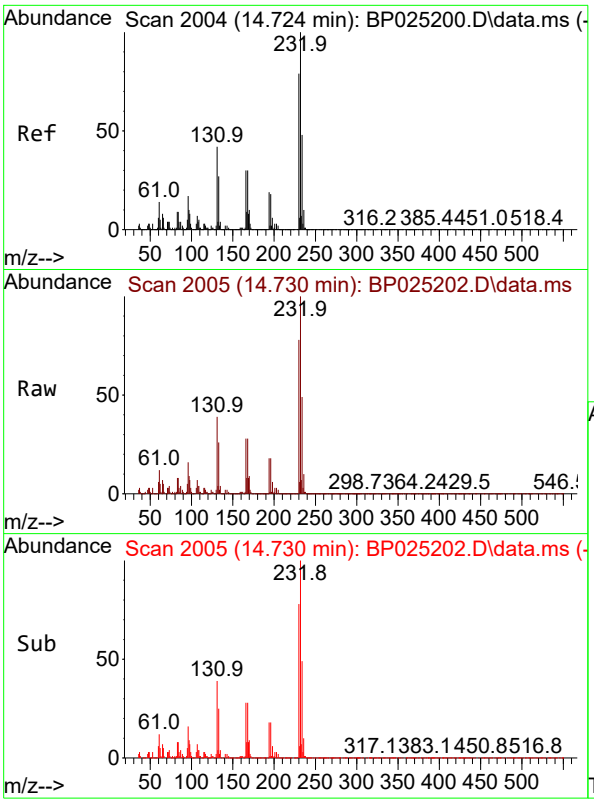


#58
Fluorene
Concen: 55.543 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:166 Resp: 6997947

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.9	10.7	16.1



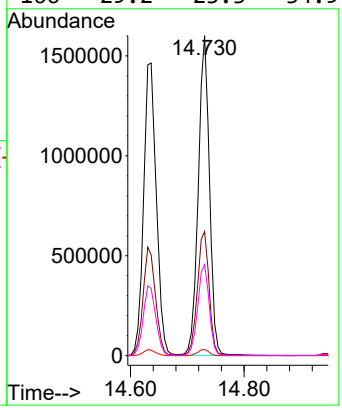


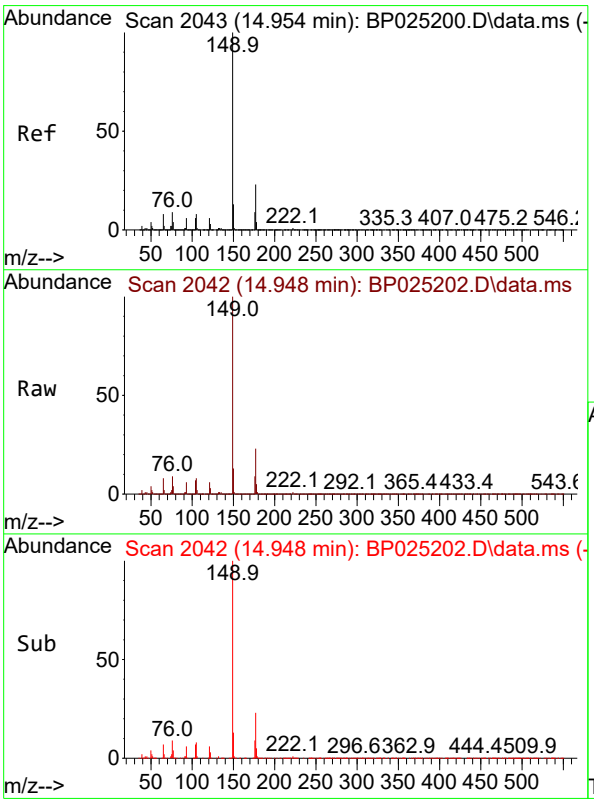
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.026 ng
RT: 14.730 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 2196650

Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.6	48.8
130	2.0	1.6	2.4
166	29.2	23.3	34.9

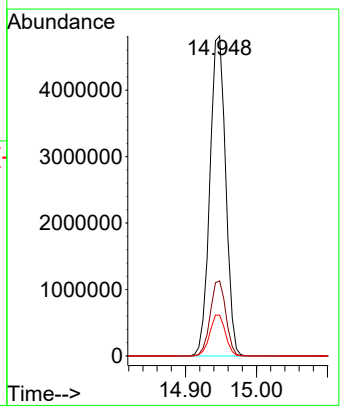


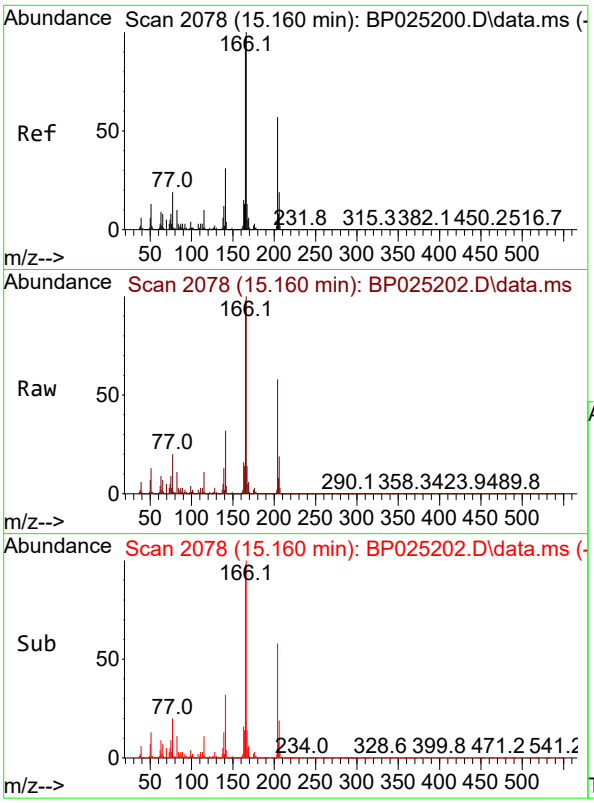


#60
Diethylphthalate
Concen: 57.319 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 7449753

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.8	10.0	15.0



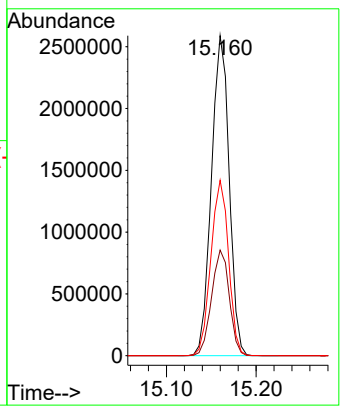


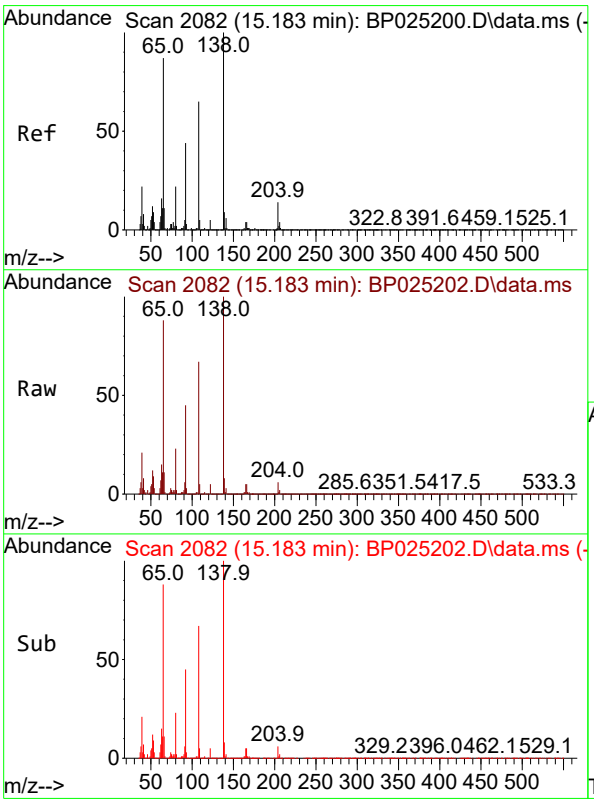
#61
4-Chlorophenyl-phenylether
Concen: 55.969 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 3554251

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.8	43.0	64.6

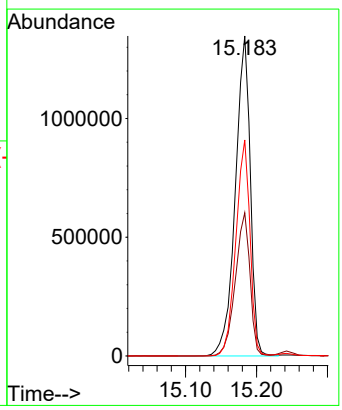


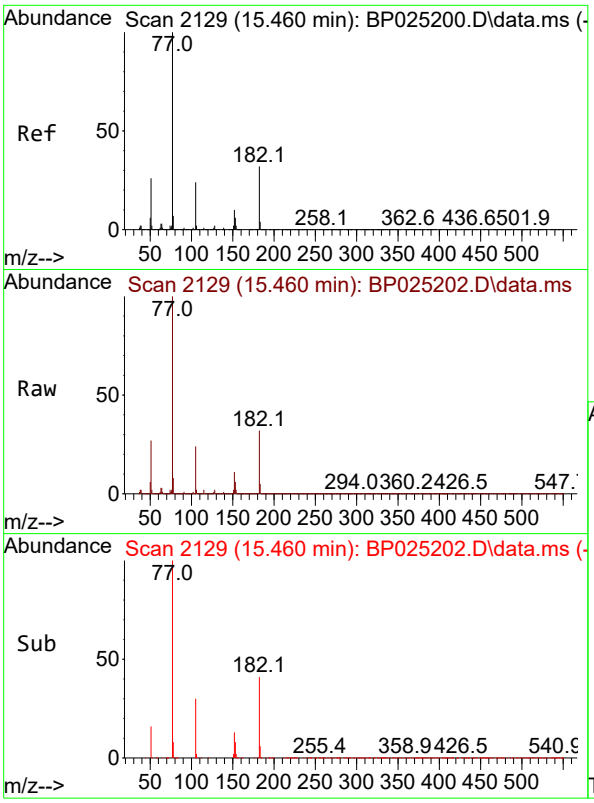


#62
4-Nitroaniline
Concen: 61.804 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:138 Resp: 1978662

Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.0	64.0
108	67.5	44.9	84.9



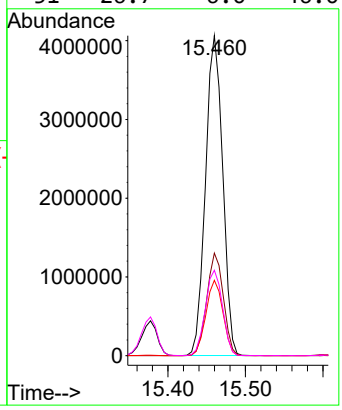


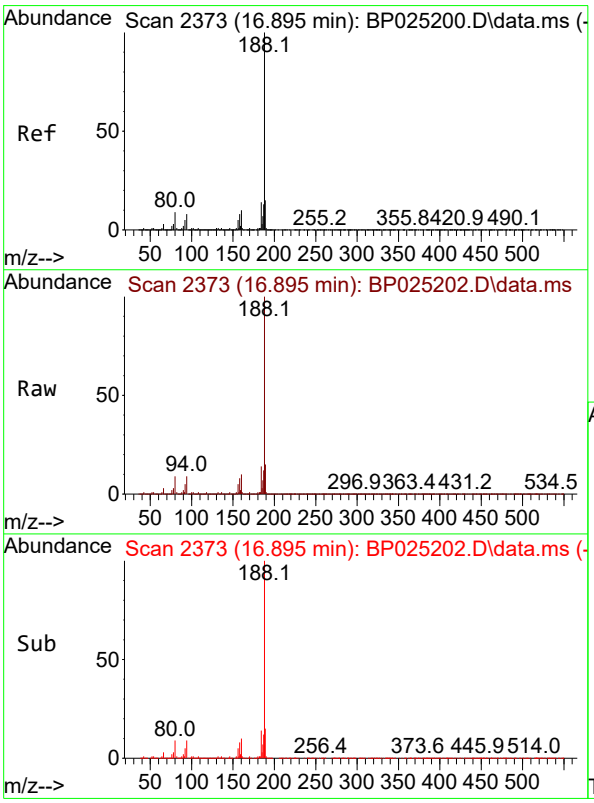
#63
Azobenzene
Concen: 59.884 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 6251887

Ion	Ratio	Lower	Upper
77	100		
182	32.1	12.0	52.0
105	23.6	3.6	43.6
51	26.7	6.0	46.0

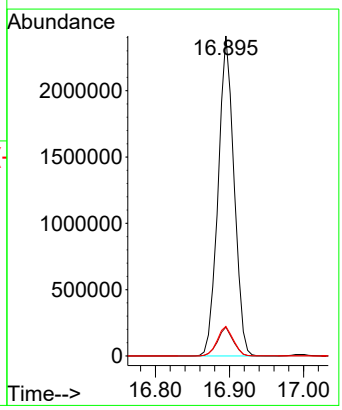


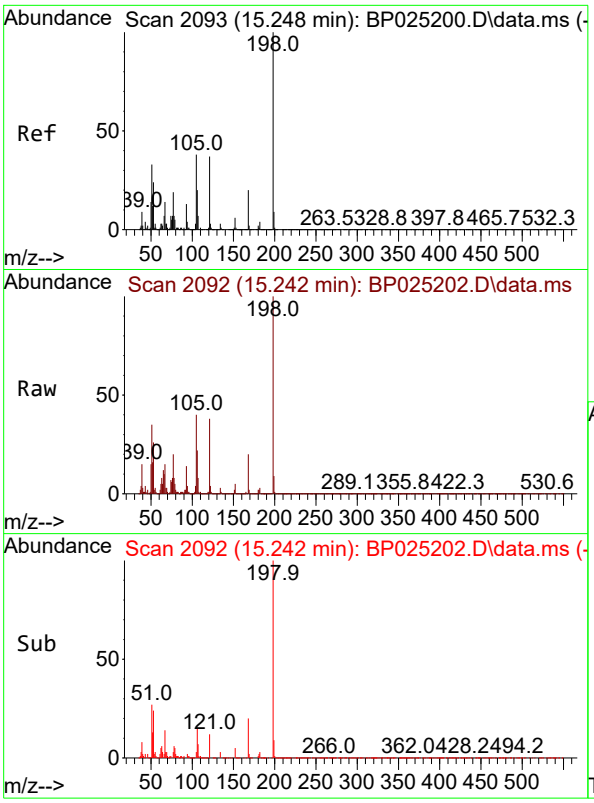


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:188 Resp: 3596132

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.3	7.3	10.9



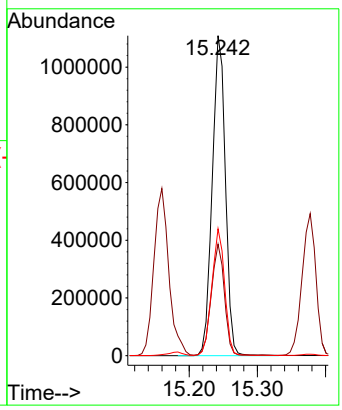


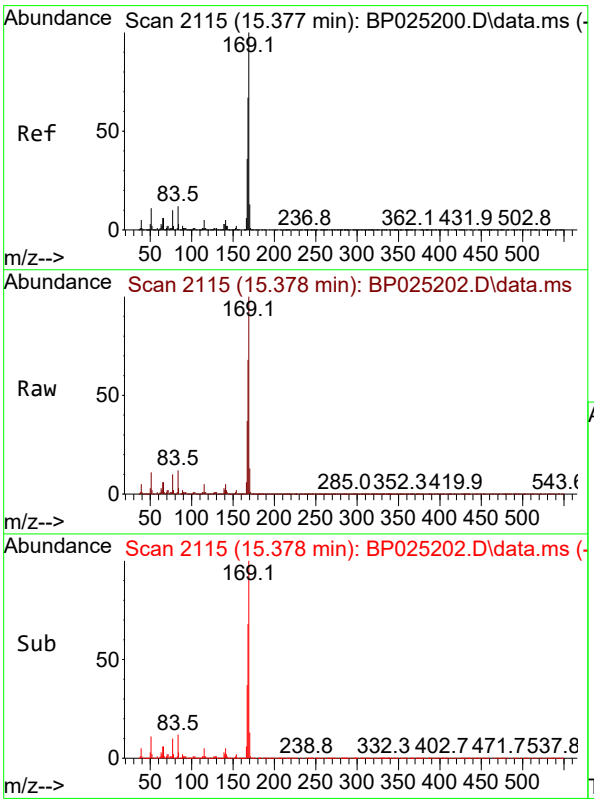
#65
4,6-Dinitro-2-methylphenol
Concen: 66.114 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 1488428

Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.6	54.6
105	39.6	18.3	58.3

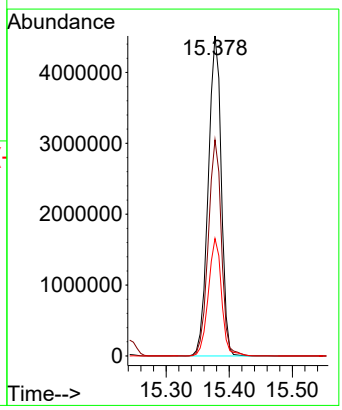


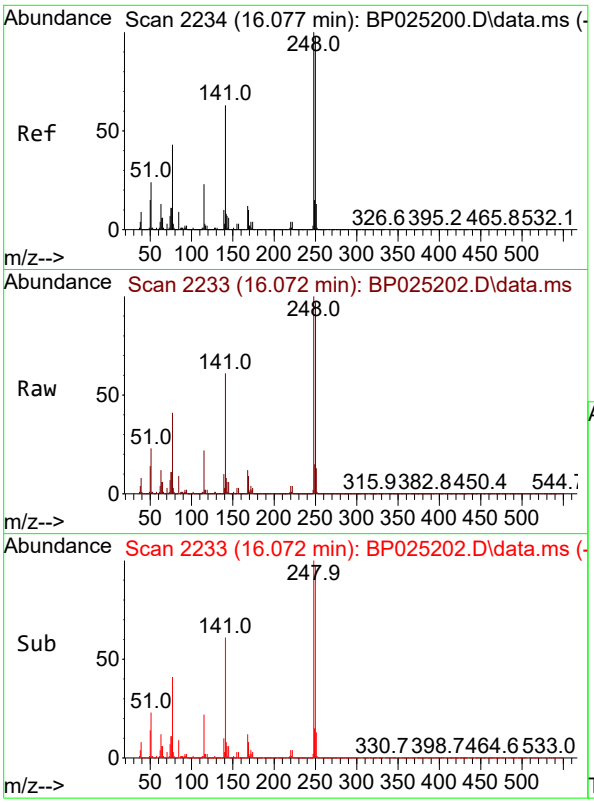


#66
n-Nitrosodiphenylamine
Concen: 57.405 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:169 Resp: 6429114

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.7	80.5
167	36.7	29.0	43.6



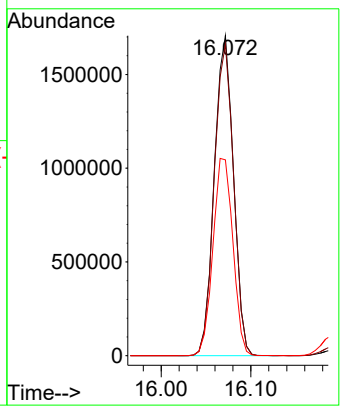


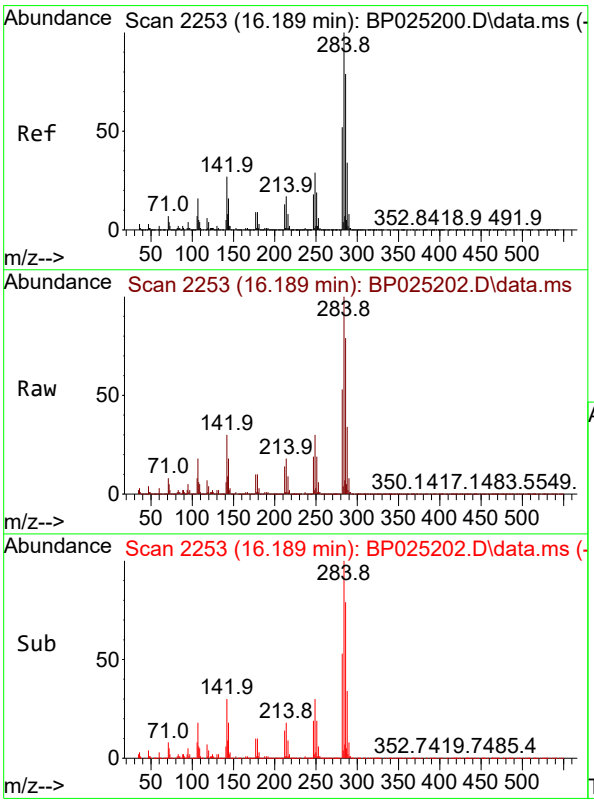
#67
4-Bromophenyl-phenylether
Concen: 59.785 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 2534895

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	61.2	50.5	75.7

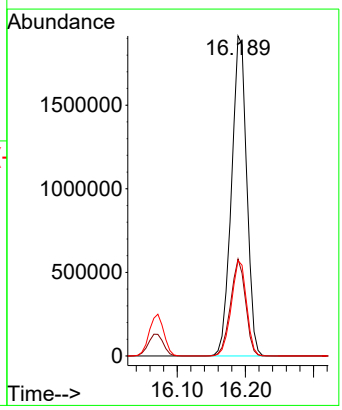


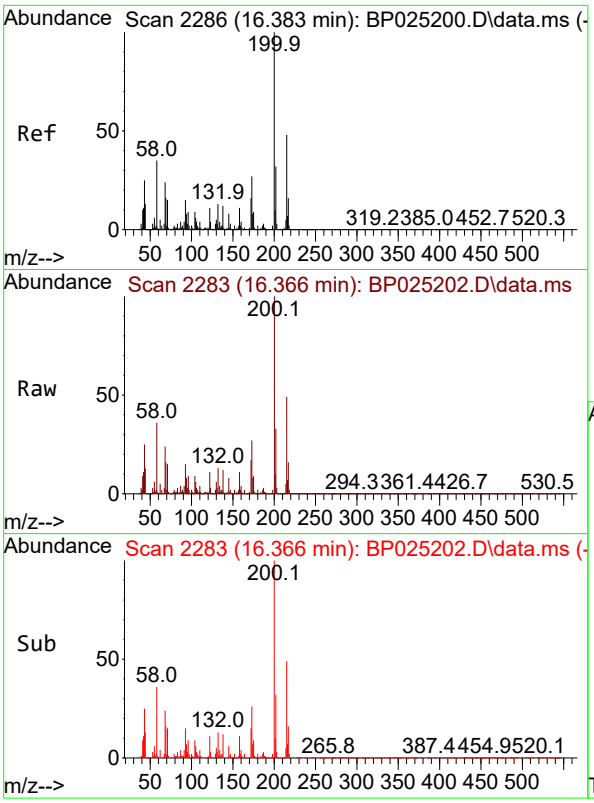


#68
Hexachlorobenzene
Concen: 58.786 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:284 Resp: 2976346

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.5	32.3
249	29.8	23.4	35.0



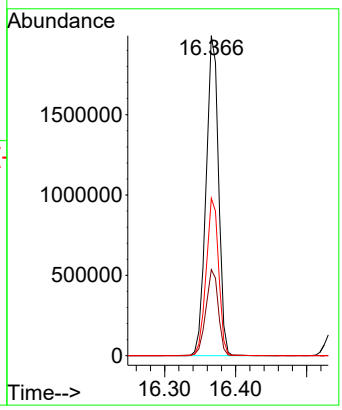


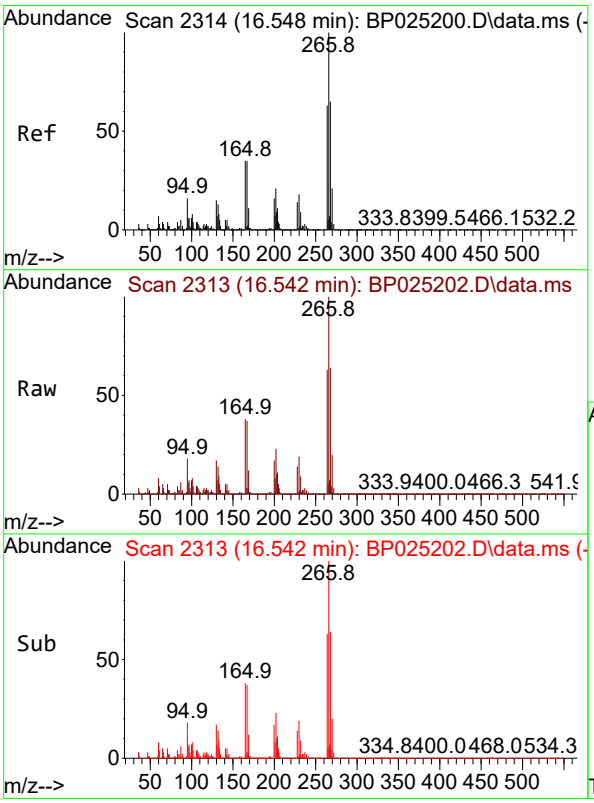
#69
Atrazine
Concen: 59.621 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 2433839

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.4	47.4
215	49.2	28.5	68.5

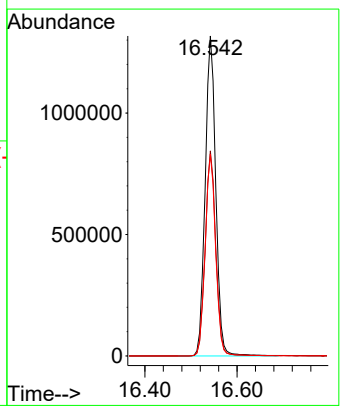


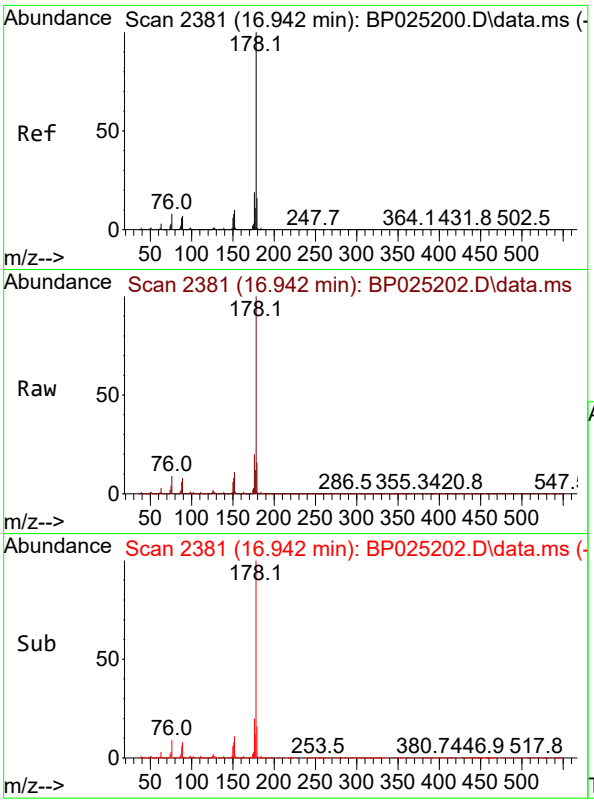


#70
Pentachlorophenol
Concen: 62.871 ng
RT: 16.542 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:266 Resp: 2118802

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.8	77.6
264	63.1	50.3	75.5



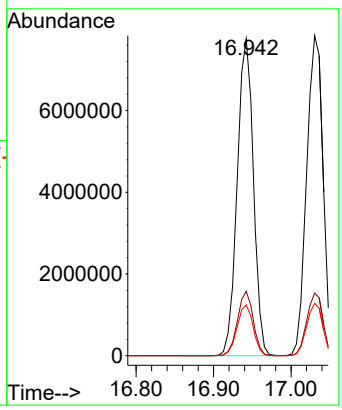


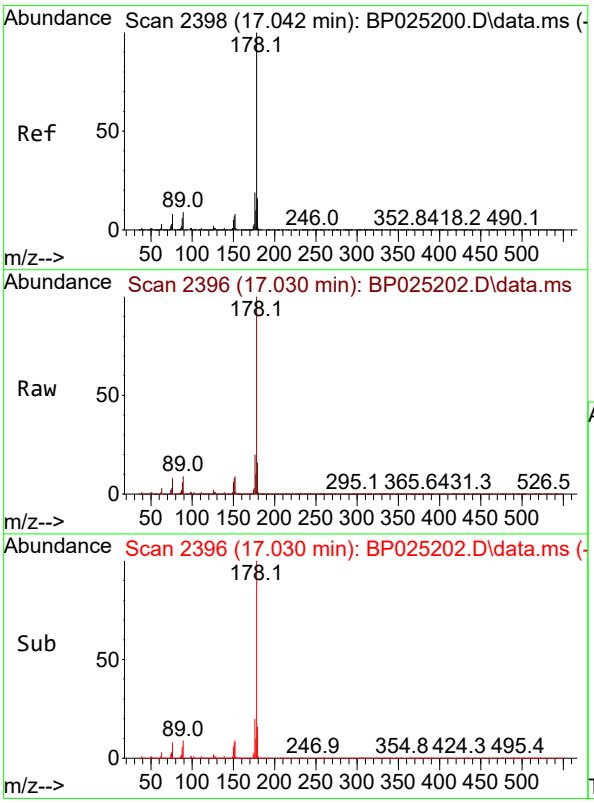
#71
Phenanthrene
Concen: 56.373 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp:11295817

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.6	23.4
179	16.0	12.5	18.7

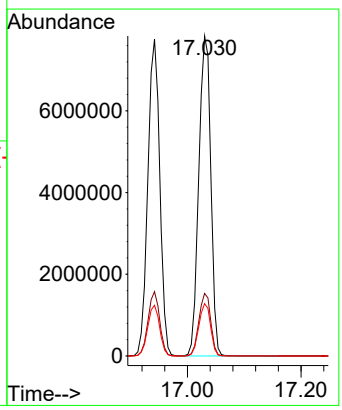


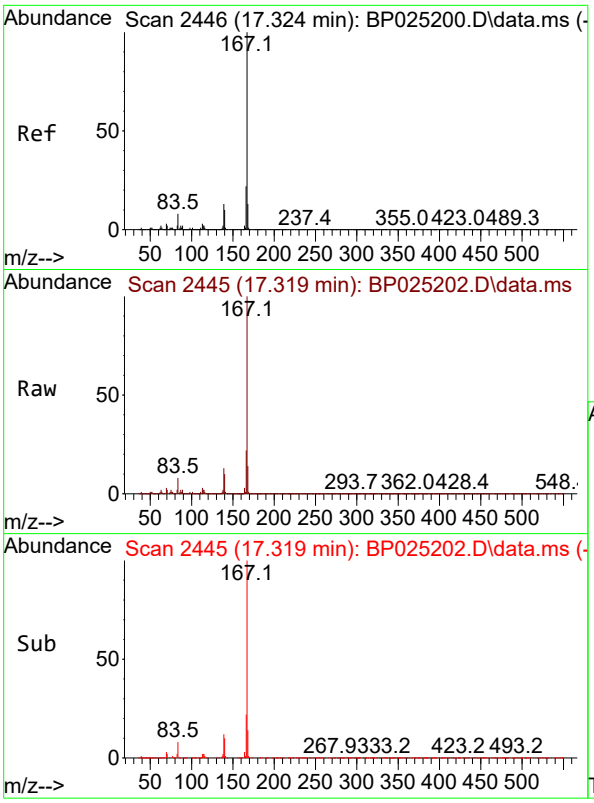


#72
Anthracene
Concen: 56.508 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:178 Resp:11494384

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.4	12.5	18.7



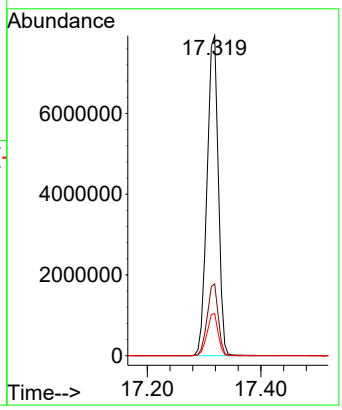


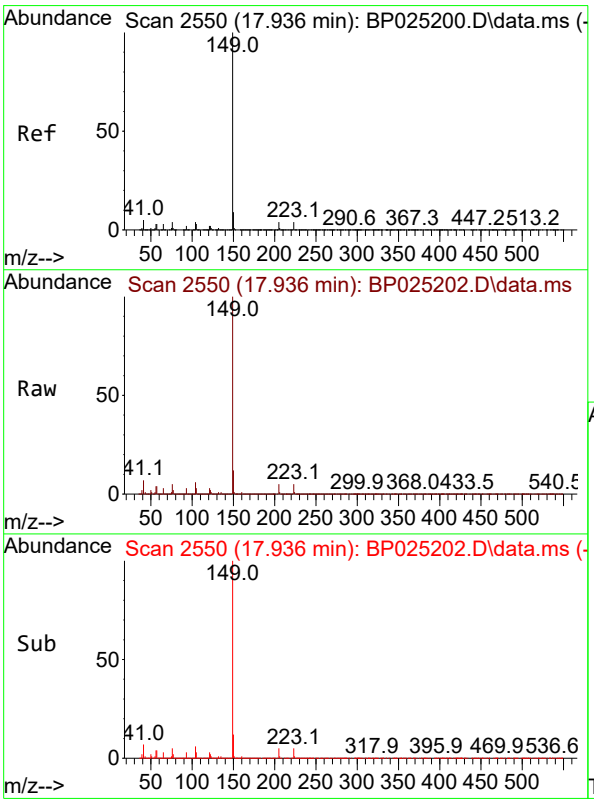
#73
Carbazole
Concen: 55.990 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp:10836403

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.3	25.9
139	13.2	10.1	15.1

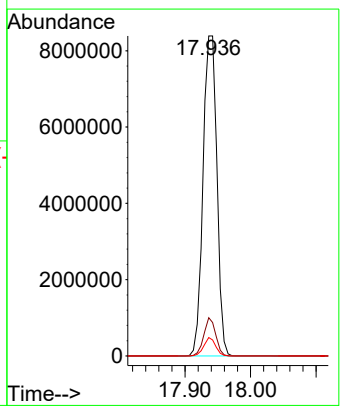


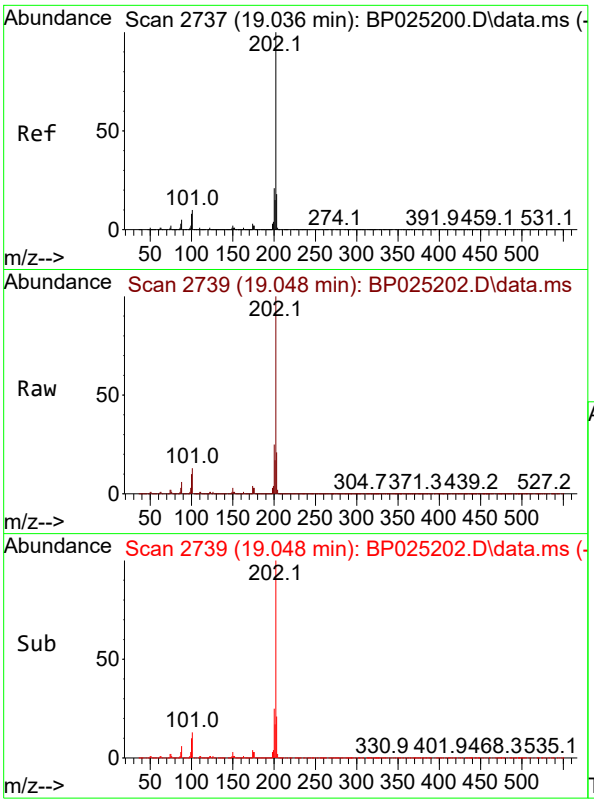


#74
Di-n-butylphthalate
Concen: 54.431 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp:12352965

Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.6	11.4#
104	5.8	3.5	5.3#



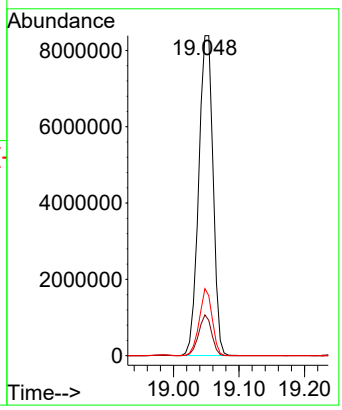


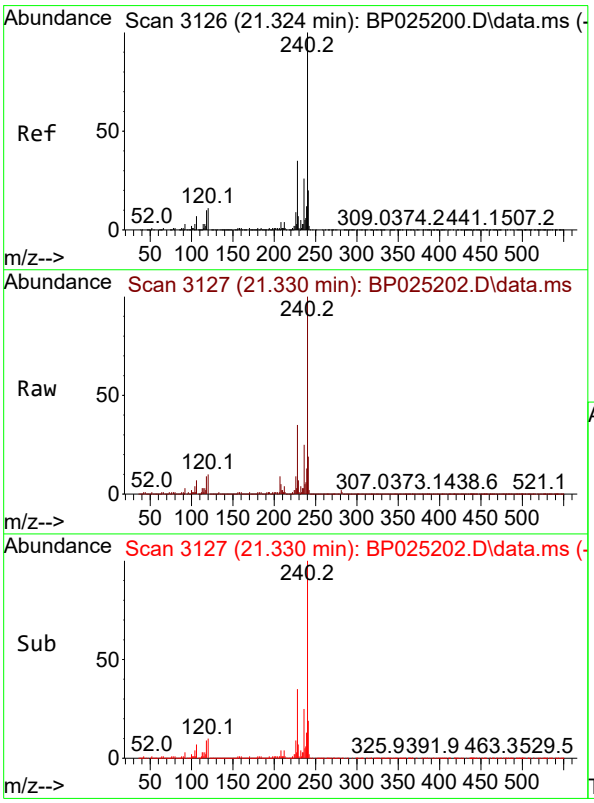
#75
Fluoranthene
Concen: 53.956 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp:12783070

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.3
203	20.9	0.0	38.0

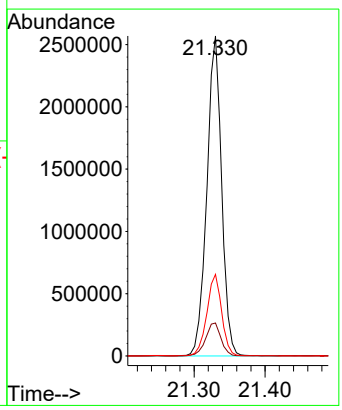


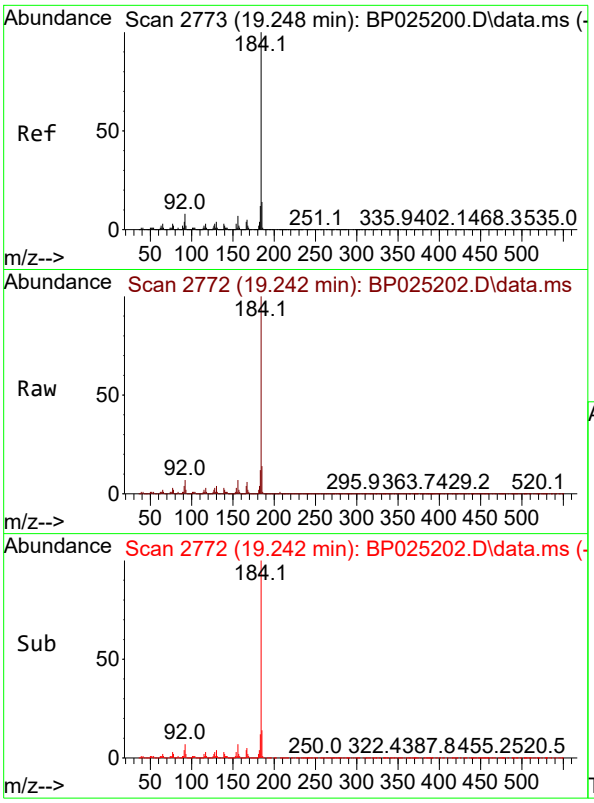


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:240 Resp: 3712729

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3



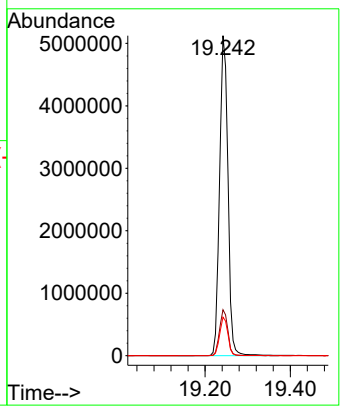


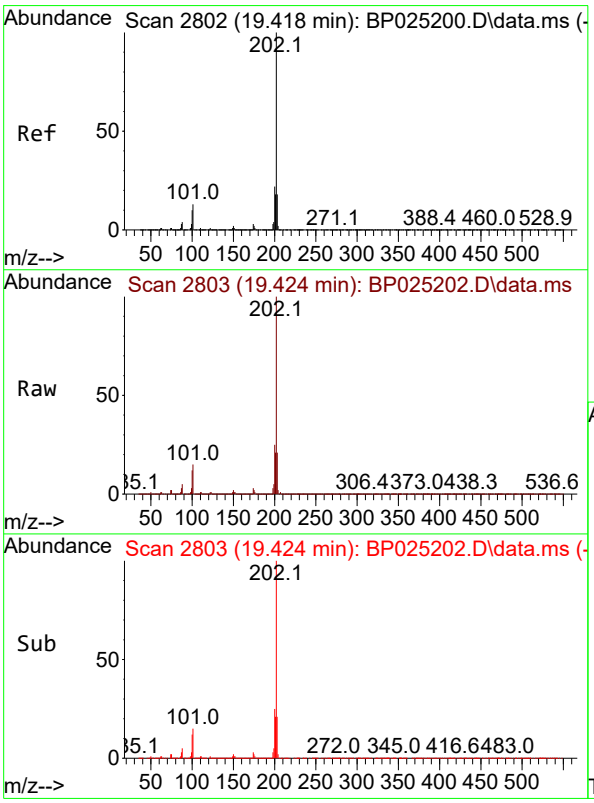
#77
Benzidine
Concen: 49.133 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 6968232

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.1	9.6	14.4

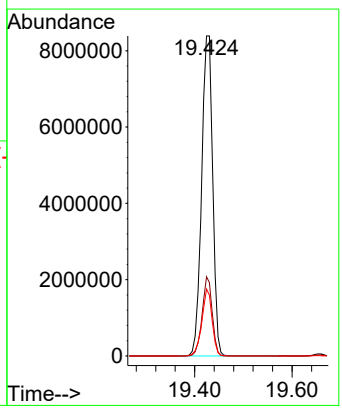


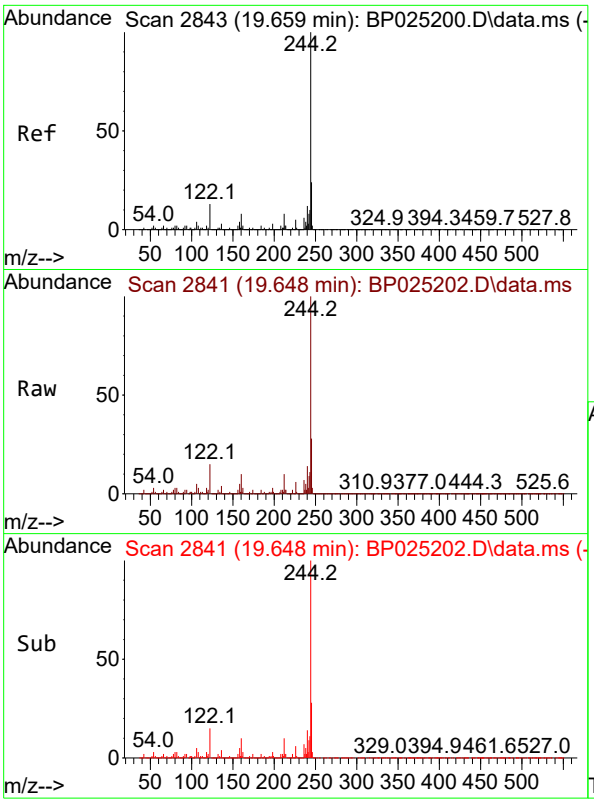


#78
Pyrene
Concen: 56.032 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:202 Resp:13220717

Ion	Ratio	Lower	Upper
202	100		
200	24.8	17.4	26.2
203	20.9	14.3	21.5



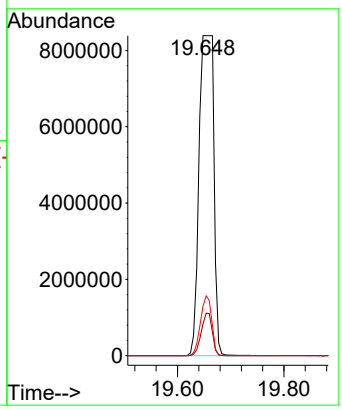


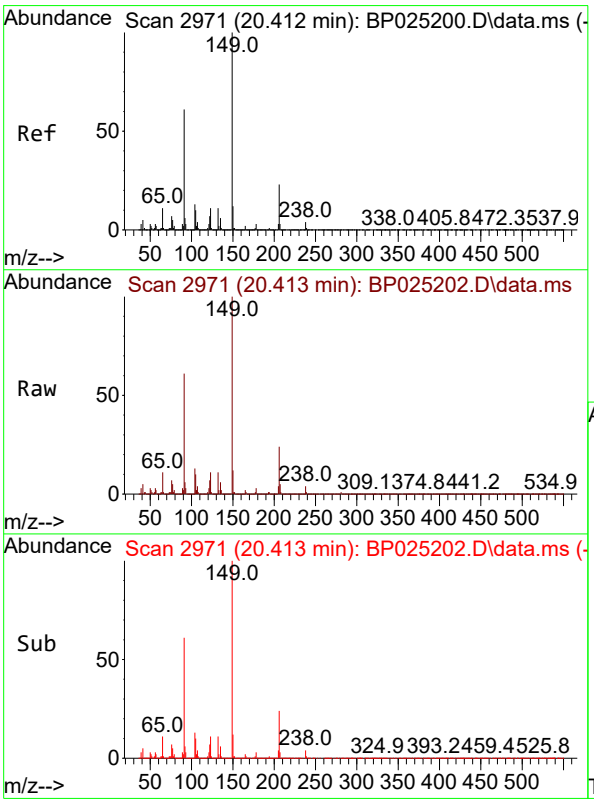
#79
Terphenyl-d14
Concen: 81.157 ng
RT: 19.648 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:16134390

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.6	9.8#
122	15.5	10.3	15.5

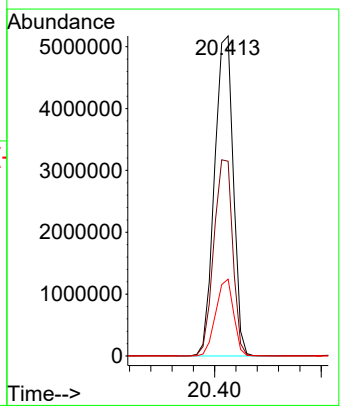


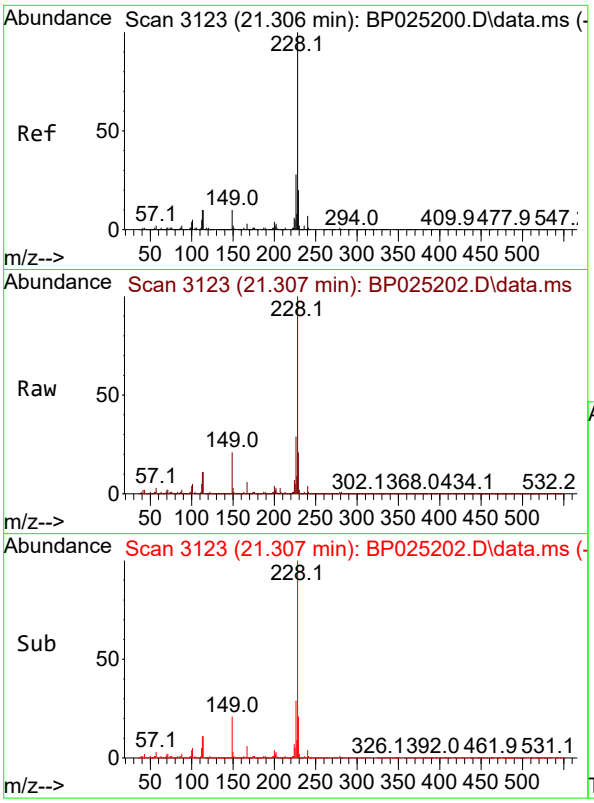


#80
Butylbenzylphthalate
Concen: 60.572 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 6306883

Ion	Ratio	Lower	Upper
149	100		
91	60.9	48.8	73.2
206	24.0	18.4	27.6



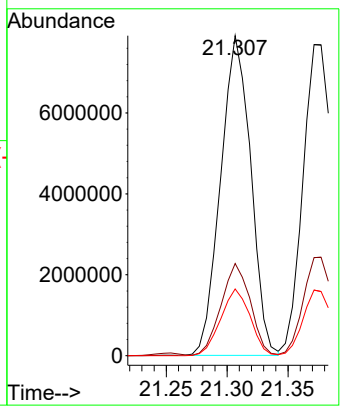


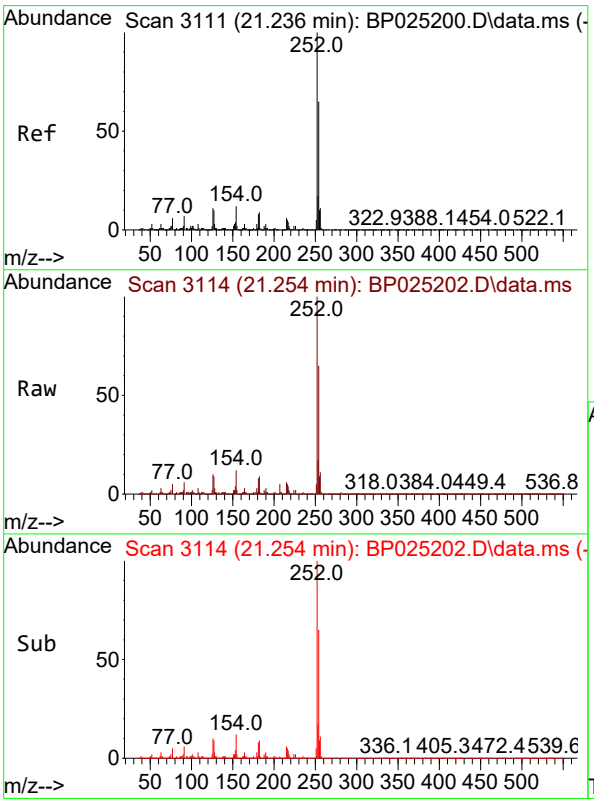
#81
Benzo(a)anthracene
Concen: 56.319 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp:13600779

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.9	16.2	24.2

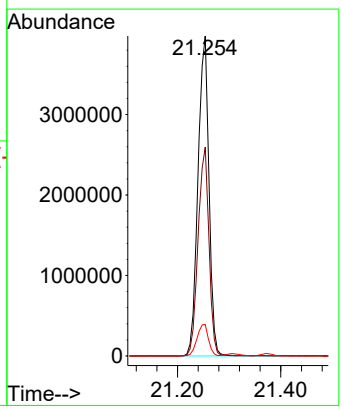


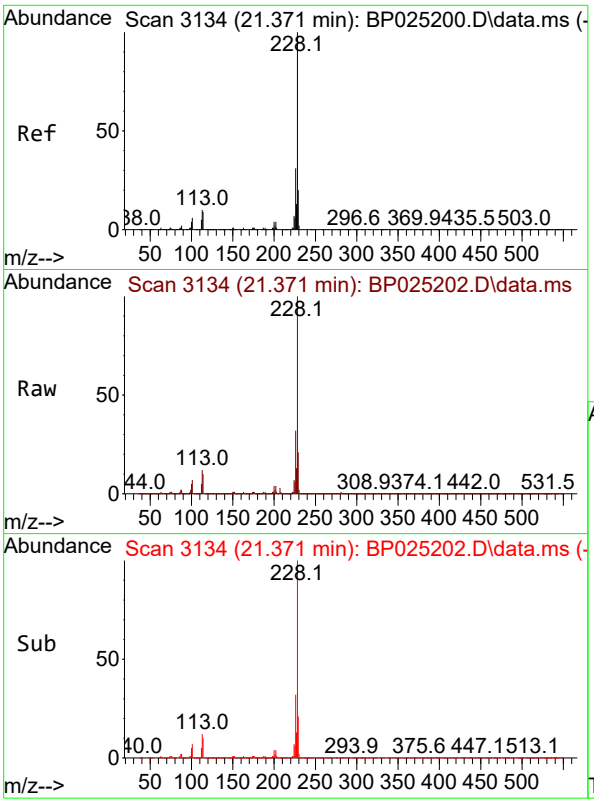


#82
3,3'-Dichlorobenzidine
Concen: 59.005 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp: 5842950

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	9.9	8.6	12.8



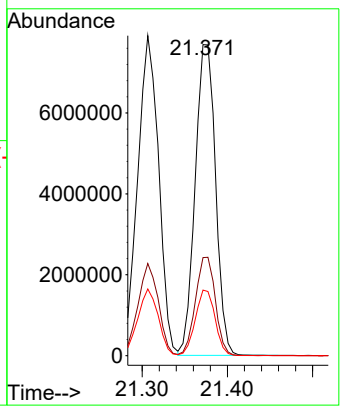


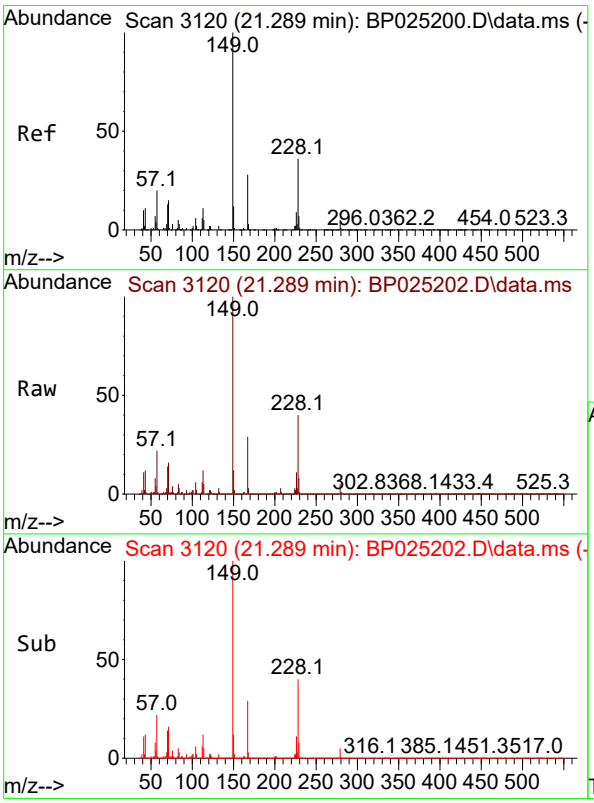
#83
Chrysene
Concen: 56.724 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp:12774794

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	21.1	16.0	24.0

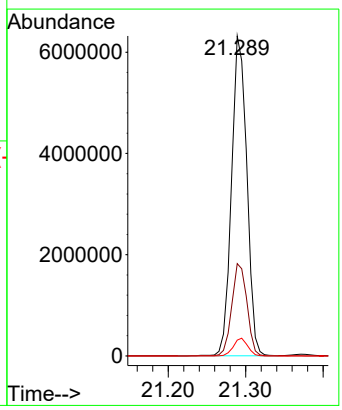


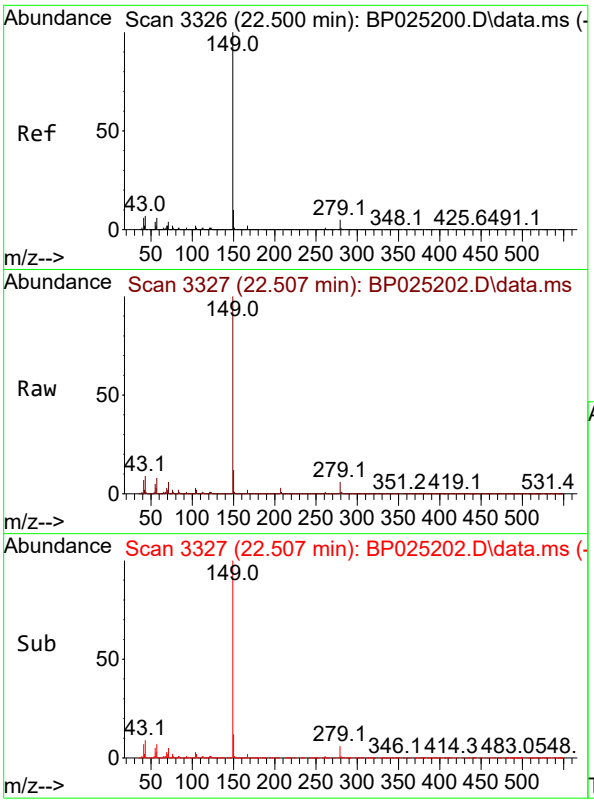


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.201 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 8682877

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.9	4.0	6.0



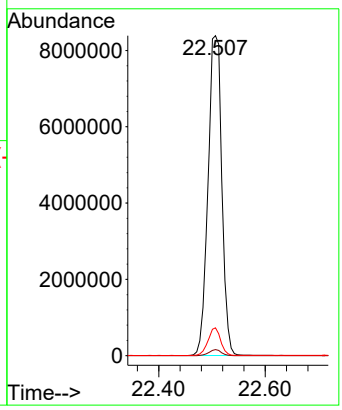


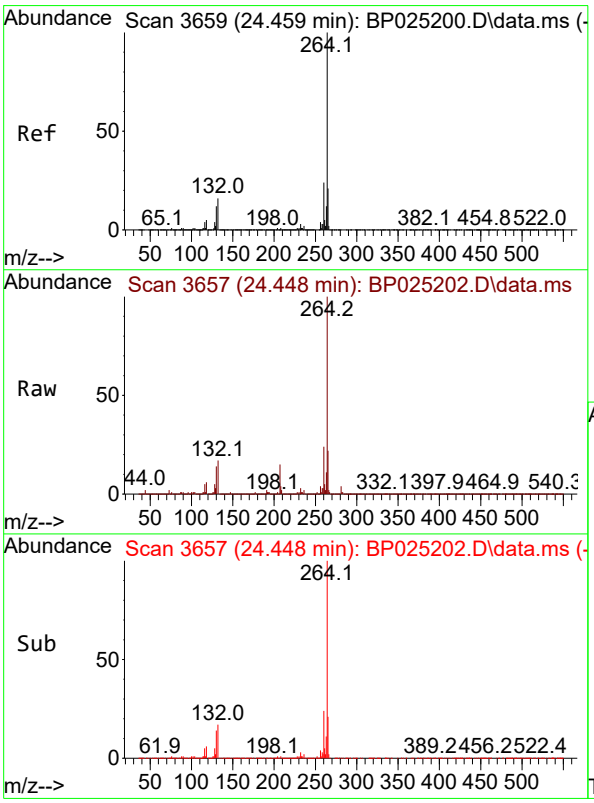
#85
Di-n-octyl phthalate
Concen: 57.015 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp:15085392

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.9	6.1	9.1

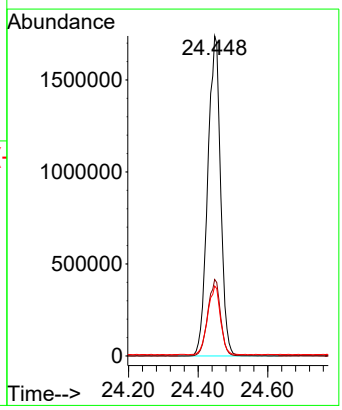


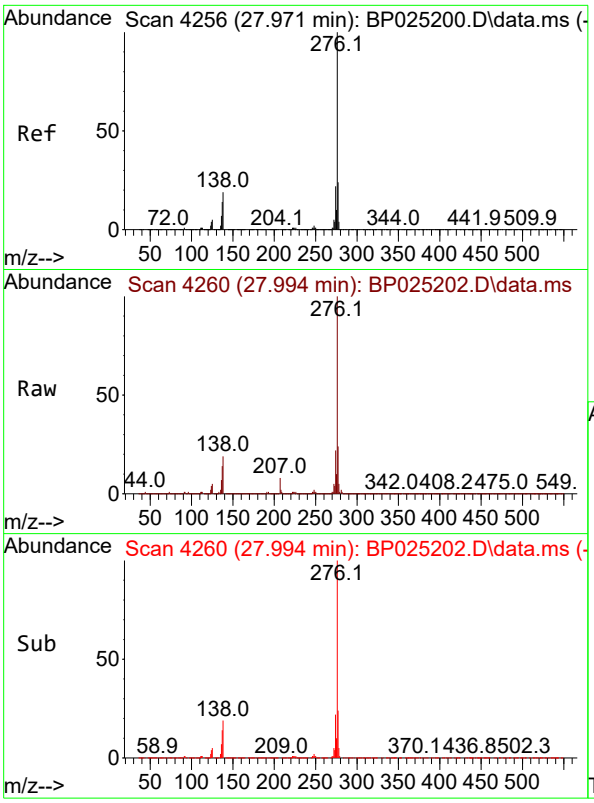


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:264 Resp: 4449563

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.5	26.3



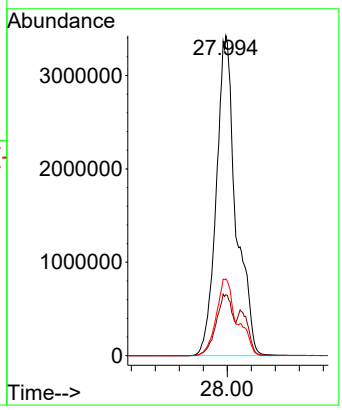


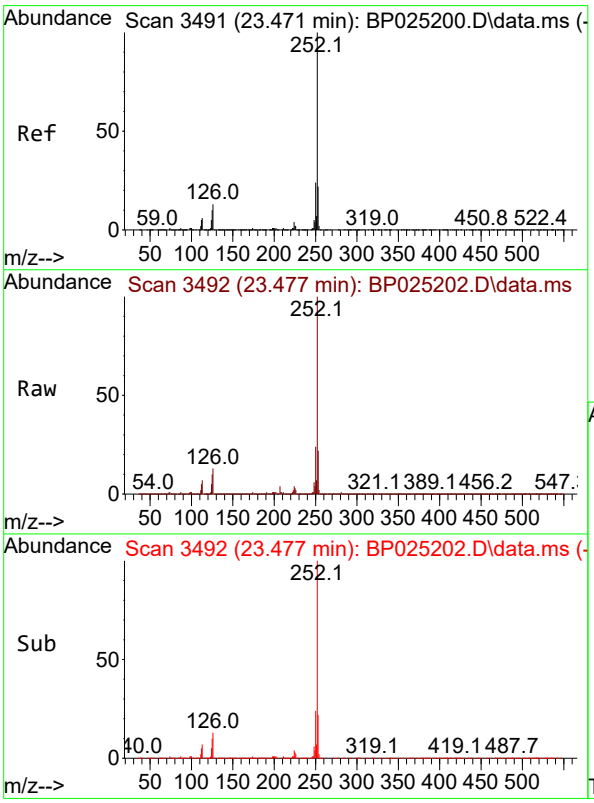
#87
Indeno(1,2,3-cd)pyrene
Concen: 59.597 ng
RT: 27.994 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp:19493176

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.8	19.2
277	25.5	20.3	30.5

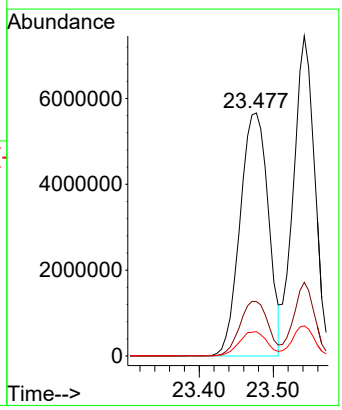


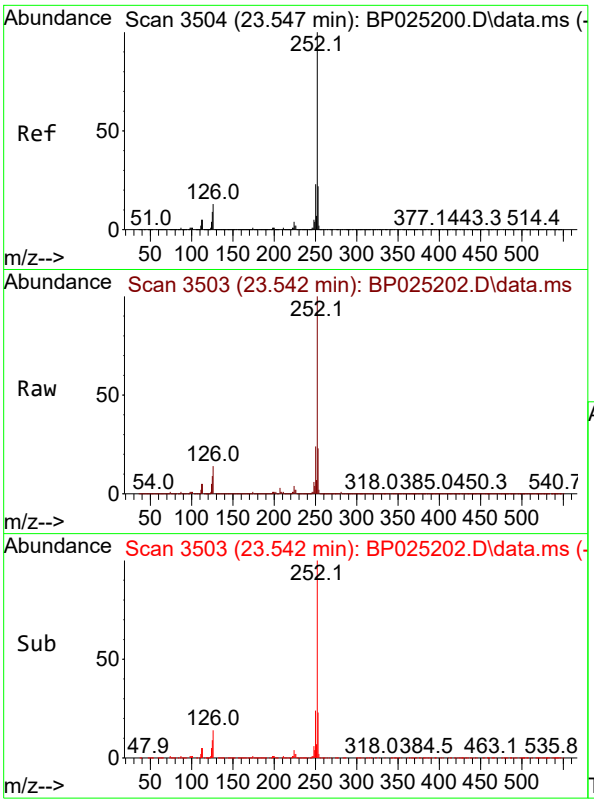


#88
Benzo(b)fluoranthene
Concen: 57.763 ng
RT: 23.477 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14989282

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	7.8	11.8



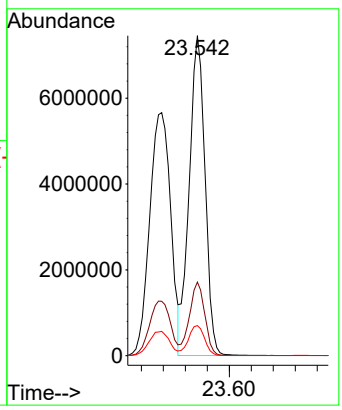


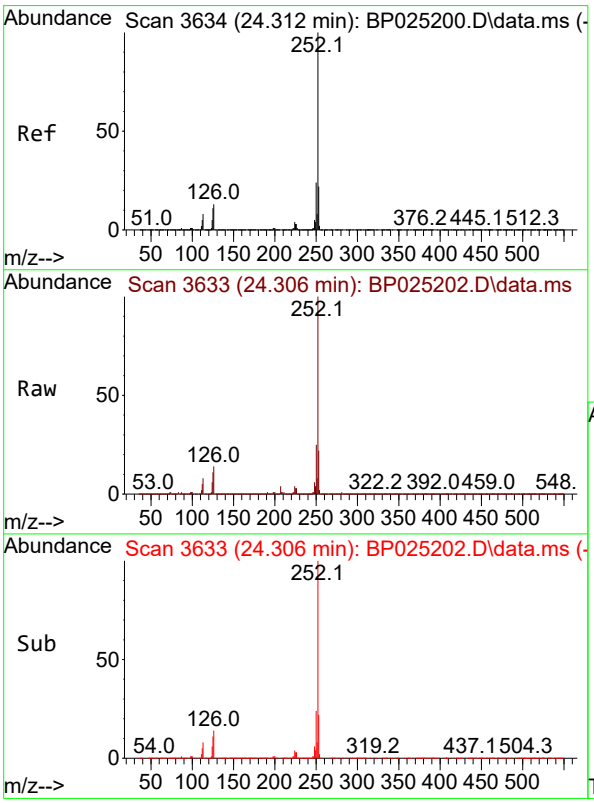
#89
Benzo(k)fluoranthene
Concen: 57.942 ng
RT: 23.542 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp:14928017

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.4	7.5	11.3

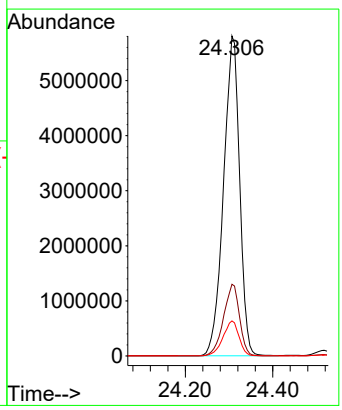


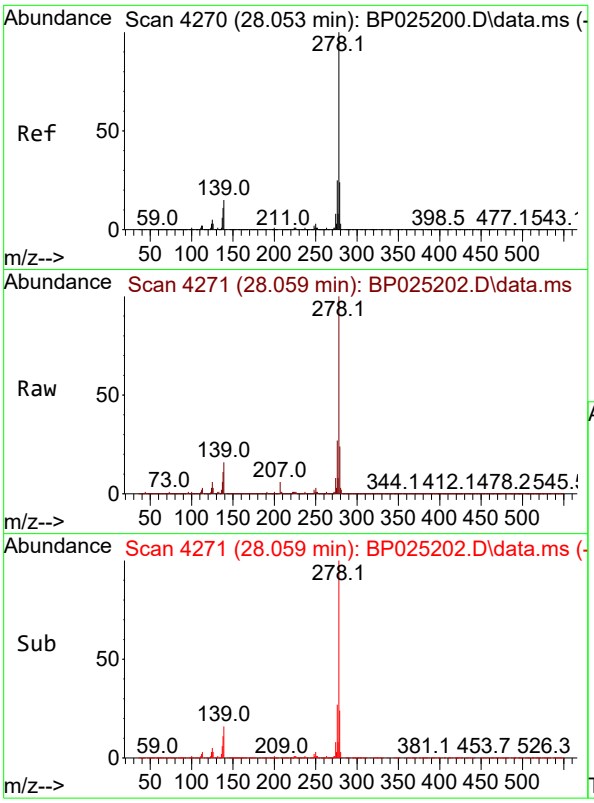


#90
Benzo(a)pyrene
Concen: 58.720 ng
RT: 24.306 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14791063

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.9	8.6	12.8



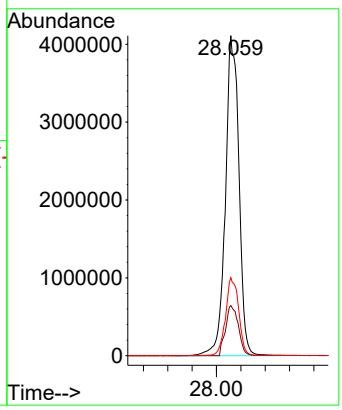


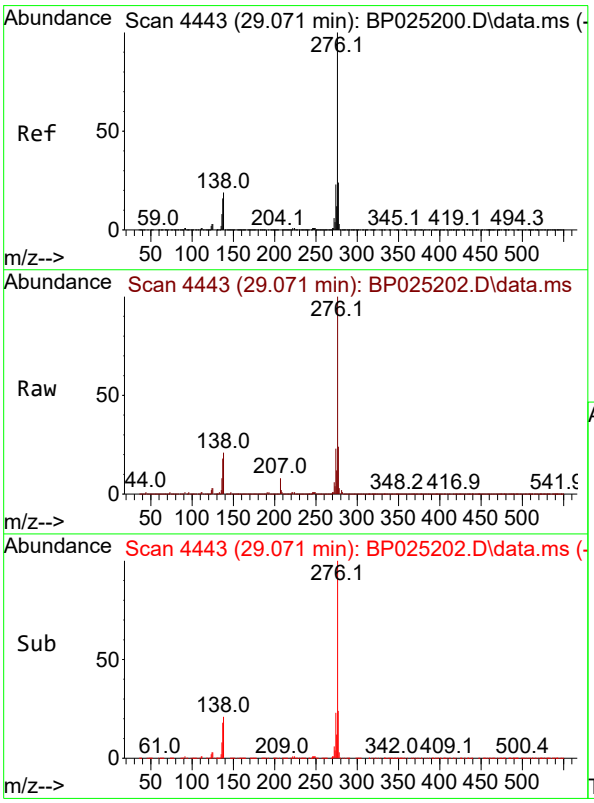
#91
Dibenzo(a,h)anthracene
Concen: 59.240 ng
RT: 28.059 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp:15890395

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.4	19.5	29.3

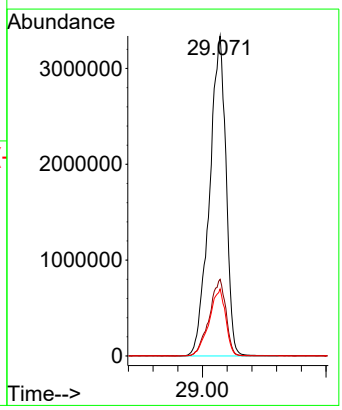




#92
Benzo(g,h,i)perylene
Concen: 59.072 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:276 Resp:15521510

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.0	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	733748	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	3008435	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1899722	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3857742	20.000	ng		0.01
76) Chrysene-d12	21.336	240	3752201	20.000	ng		0.01
86) Perylene-d12	24.460	264	4584448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	6557069	149.291	ng		0.00
7) Phenol-d6	6.637	99	8210908	151.423	ng		0.00
23) Nitrobenzene-d5	8.572	82	7999353	145.785	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	4276015	151.370	ng		0.00
45) 2-Fluorobiphenyl	12.684	172	17101882	119.181	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	1224318	74.170	ng		100
3) Pyridine	3.490	79	3390800	77.556	ng		99
4) n-Nitrosodimethylamine	3.408	42	1359921	78.815	ng		98
6) Aniline	6.784	93	5470258	77.576	ng		100
8) 2-Chlorophenol	7.008	128	3817569	77.248	ng		99
9) Benzaldehyde	6.596	77	2187532	56.451	ng		99
10) Phenol	6.666	94	4302363	76.687	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	3282232	76.196	ng		99
12) 1,3-Dichlorobenzene	7.325	146	4192818	74.781	ng		99
13) 1,4-Dichlorobenzene	7.466	146	4246480	75.053	ng		100
14) 1,2-Dichlorobenzene	7.778	146	4111863	75.632	ng		100
15) Benzyl Alcohol	7.672	79	3024971	77.828	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	4186533	75.769	ng		99
17) 2-Methylphenol	7.878	107	3006945	77.489	ng		99
18) Hexachloroethane	8.490	117	1488292	77.034	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	2435834	74.535	ng		99
20) 3+4-Methylphenols	8.207	107	4068704	76.765	ng		98
22) Acetophenone	8.243	105	5133884	72.049	ng	#	99
24) Nitrobenzene	8.607	77	3658209	75.229	ng		98
25) Isophorone	9.143	82	7223163	75.163	ng		99
26) 2-Nitrophenol	9.302	139	2240908	81.871	ng		99
27) 2,4-Dimethylphenol	9.378	122	3551153	76.211	ng		98
28) bis(2-Chloroethoxy)met...	9.613	93	4412252	73.133	ng		100
29) 2,4-Dichlorophenol	9.843	162	3685883	77.123	ng		99
30) 1,2,4-Trichlorobenzene	10.043	180	3927729	74.689	ng		100
31) Naphthalene	10.231	128	11319955	72.252	ng		99
32) Benzoic acid	9.590	122	3001596	88.203	ng		99
33) 4-Chloroaniline	10.337	127	5125849	75.351	ng		99
34) Hexachlorobutadiene	10.525	225	2369882	75.041	ng		99
35) Caprolactam	11.154	113	1240976m	78.901	ng		
36) 4-Chloro-3-methylphenol	11.484	107	3678461	77.068	ng		100
37) 2-Methylnaphthalene	11.848	142	7455840	73.577	ng		99
38) 1-Methylnaphthalene	12.078	142	7690366	71.955	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	4340312	75.446	ng		100
41) Hexachlorocyclopentadiene	12.213	237	2895907	88.768	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	3076273	79.138	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	3347418	78.125	ng		99
46) 1,1'-Biphenyl	12.895	154	10154378	72.288	ng		99
47) 2-Chloronaphthalene	12.925	162	8143502	74.828	ng		100
48) 2-Nitroaniline	13.143	65	2203215	80.707	ng		98
49) Acenaphthylene	13.801	152	12310461	68.982	ng		94
50) Dimethylphthalate	13.554	163	9992464	72.091	ng		100
51) 2,6-Dinitrotoluene	13.666	165	2352035	80.161	ng		98
52) Acenaphthene	14.148	154	7352873	71.522	ng		99
53) 3-Nitroaniline	13.990	138	2663404	80.451	ng		97
54) 2,4-Dinitrophenol	14.213	184	1560749	94.925	ng		96
55) Dibenzofuran	14.495	168	11781763	70.782	ng		97
56) 4-Nitrophenol	14.325	139	2263623	80.237	ng		98
57) 2,4-Dinitrotoluene	14.478	165	3321462	81.257	ng		99
58) Fluorene	15.160	166	9278378	69.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	2961338	78.074	ng		99
60) Diethylphthalate	14.960	149	9739656	71.116	ng		98
61) 4-Chlorophenyl-phenyle...	15.172	204	4730340	70.690	ng		100
62) 4-Nitroaniline	15.195	138	2685203	79.596	ng		97
63) Azobenzene	15.466	77	8319717	75.626	ng		99
65) 4,6-Dinitro-2-methylph...	15.260	198	2092932	86.660	ng		98
66) n-Nitrosodiphenylamine	15.384	169	8318929	69.242	ng		99
67) 4-Bromophenyl-phenylether	16.078	248	3392847	74.593	ng		99
68) Hexachlorobenzene	16.189	284	3958634	72.885	ng		95
69) Atrazine	16.389	200	3266485	74.592	ng		99
70) Pentachlorophenol	16.560	266	2852574	78.904	ng		99
71) Phenanthrene	16.954	178	14380185	66.900	ng		93
72) Anthracene	17.036	178	13655221	62.578	ng		94
73) Carbazole	17.331	167	13502968	65.036	ng	#	92
74) Di-n-butylphthalate	17.942	149	14237898	58.482	ng		97
75) Fluoranthene	19.048	202	17185754	67.620	ng		94
77) Benzidine	19.254	184	7975723	55.646	ng		100
78) Pyrene	19.425	202	16361302	68.613	ng	#	91
80) Butylbenzylphthalate	20.413	149	8056925	76.566	ng		97
81) Benzo(a)anthracene	21.313	228	16742085	68.598	ng		96
82) 3,3'-Dichlorobenzidine	21.260	252	7248237	72.426	ng		100
83) Chrysene	21.383	228	15614346m	68.604	ng		
84) Bis(2-ethylhexyl)phtha...	21.301	149	10793960	70.360	ng		96
85) Di-n-octyl phthalate	22.513	149	18225919	68.160	ng		98
87) Indeno(1,2,3-cd)pyrene	28.024	276	25989461m	77.120	ng		
88) Benzo(b)fluoranthene	23.501	252	19418416	72.630	ng		99
89) Benzo(k)fluoranthene	23.560	252	18389745	69.278	ng		95
90) Benzo(a)pyrene	24.336	252	19250934	74.177	ng		99
91) Dibenzo(a,h)anthracene	28.101	278	20686577	74.852	ng		100
92) Benzo(g,h,i)perylene	29.112	276	20810607	76.871	ng		99

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

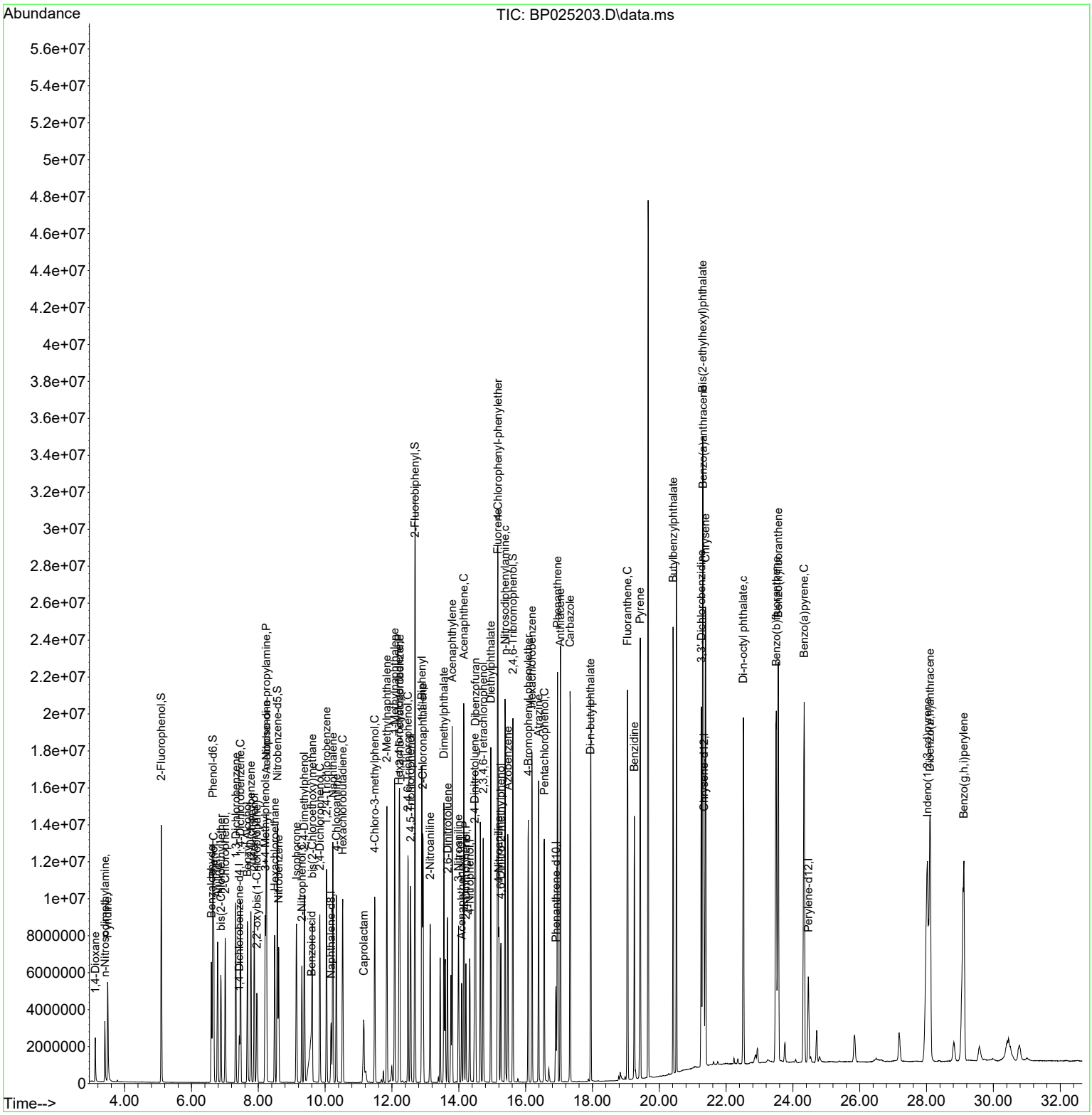
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

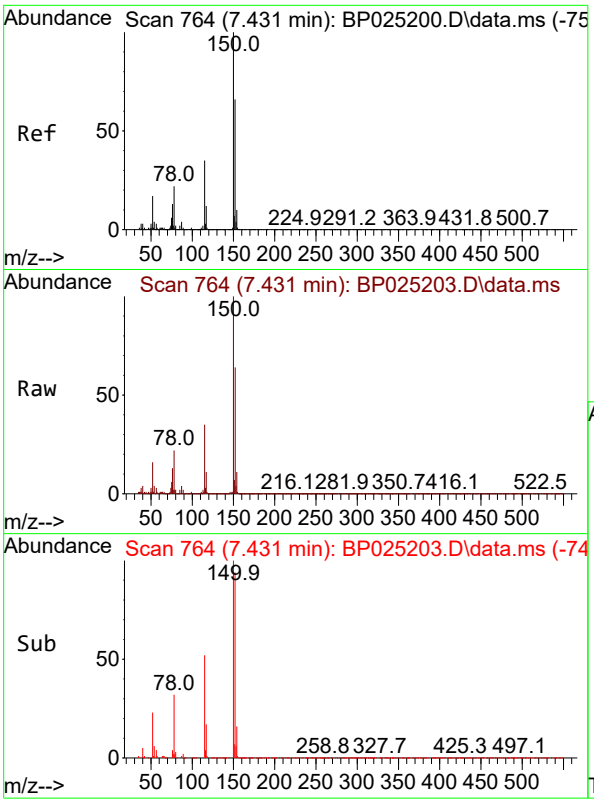
Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

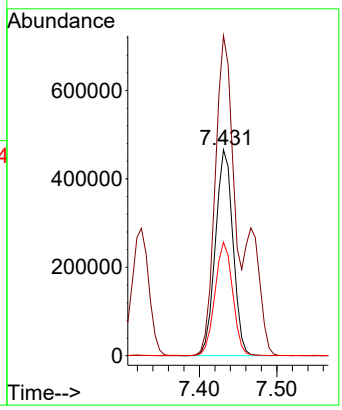




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp: 73374

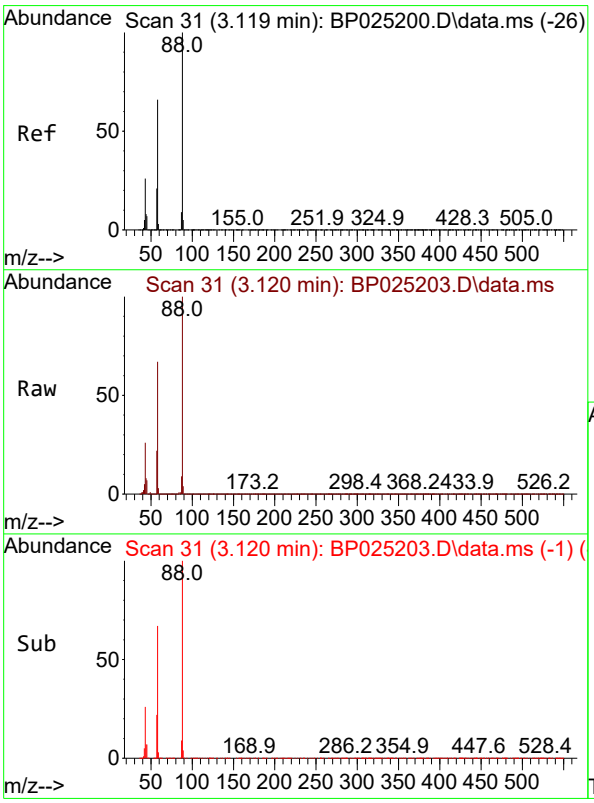
Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.9	182.9
115	55.1	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

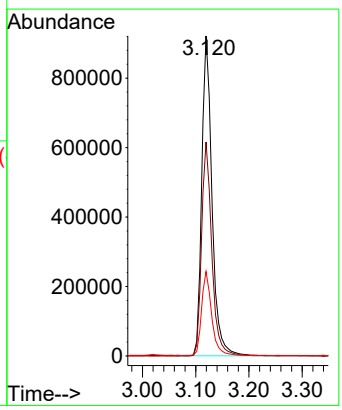
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

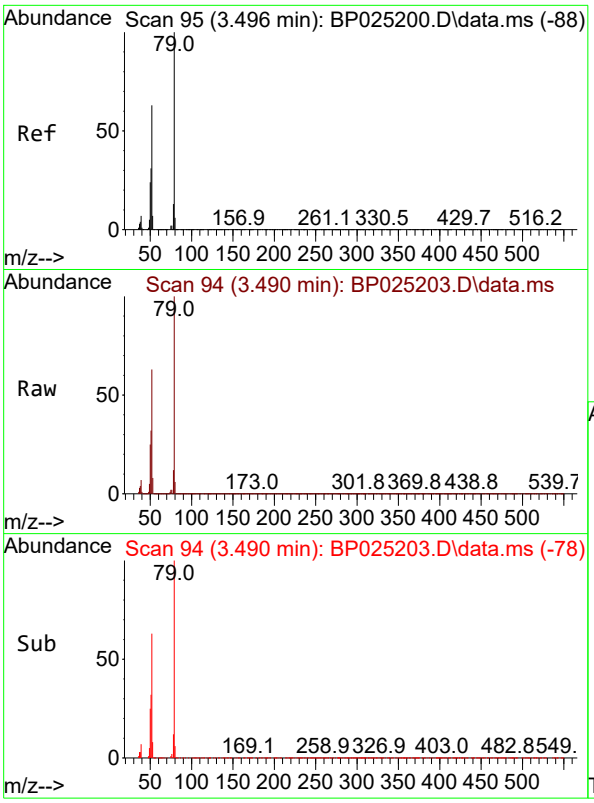


#2
1,4-Dioxane
Concen: 74.170 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 88 Resp: 1224318

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.9	20.8	31.2

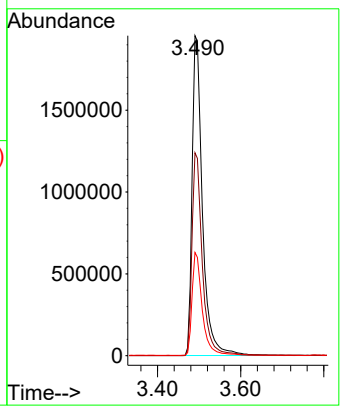




#3
Pyridine
Concen: 77.556 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 79 Resp: 339080

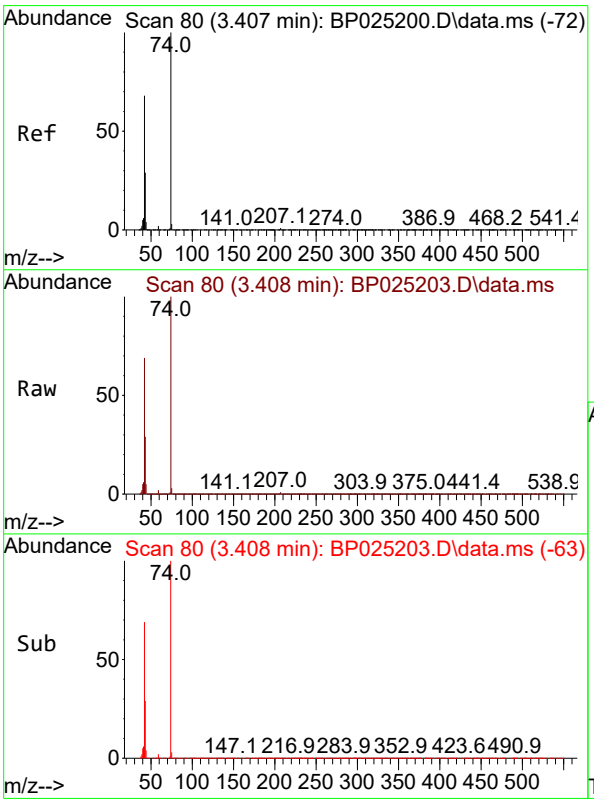
Ion	Ratio	Lower	Upper
79	100		
52	63.4	50.2	75.4
51	32.2	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

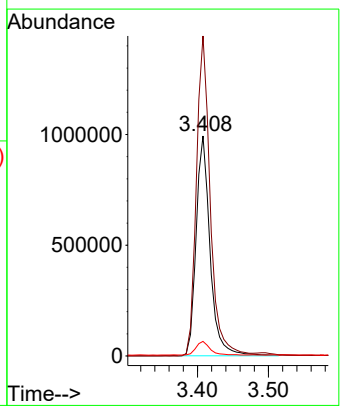
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

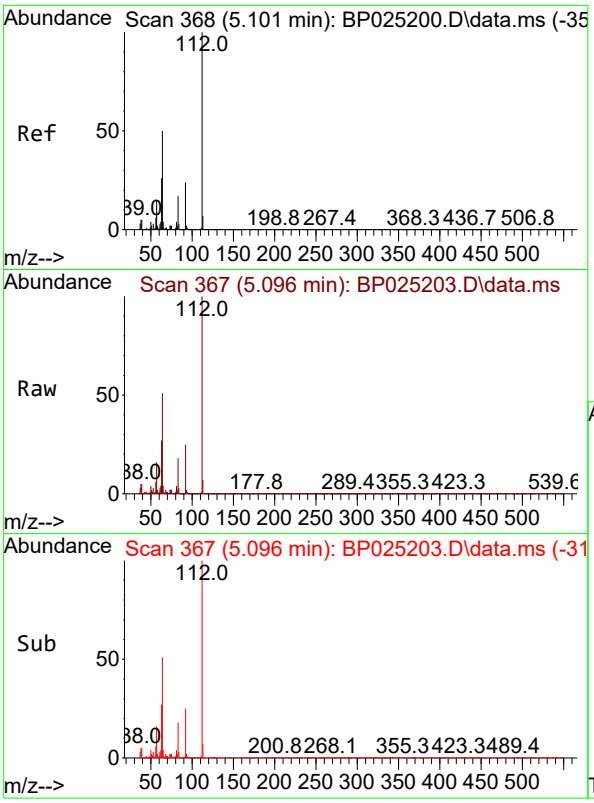


#4
n-Nitrosodimethylamine
Concen: 78.815 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 42 Resp: 1359921

Ion	Ratio	Lower	Upper
42	100		
74	145.5	118.0	177.0
44	6.6	5.5	8.3

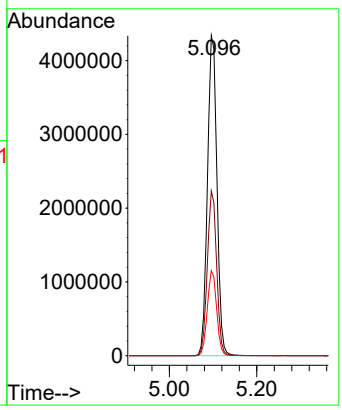




#5
2-Fluorophenol
Concen: 149.291 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:112 Resp: 655706

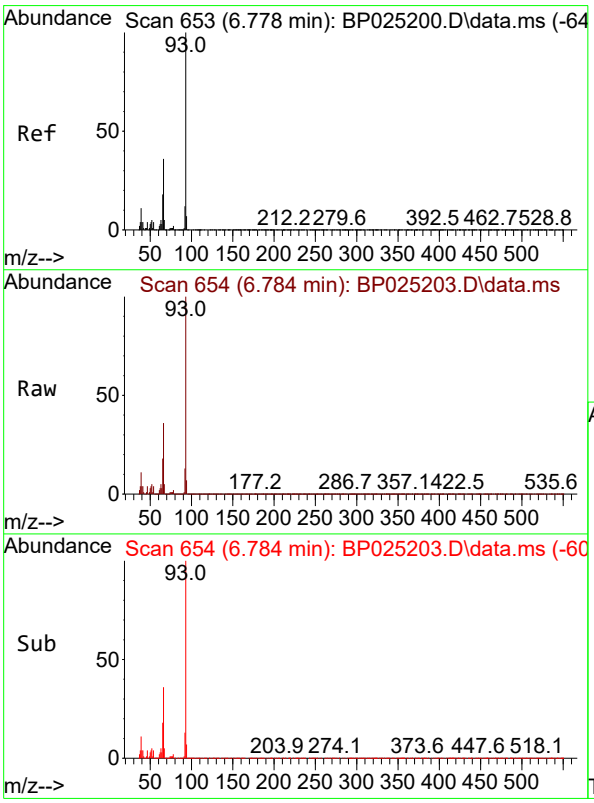
Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.8	59.6
63	26.5	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

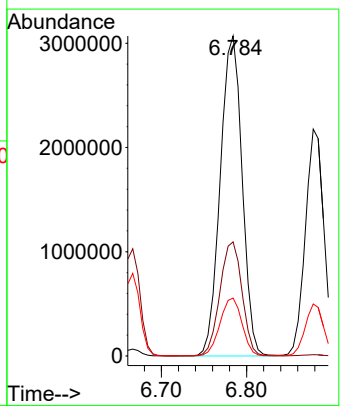
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

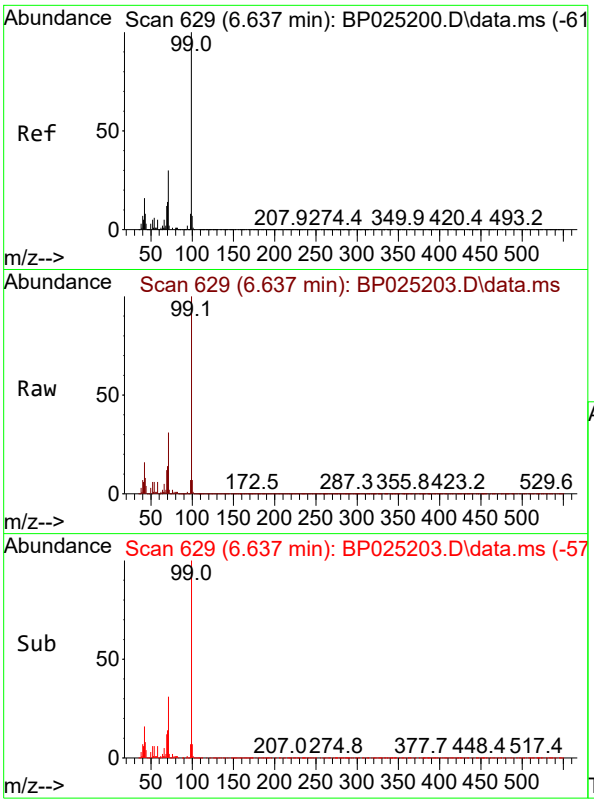


#6
Aniline
Concen: 77.576 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 5470258

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.6	43.0
65	18.1	14.6	21.8

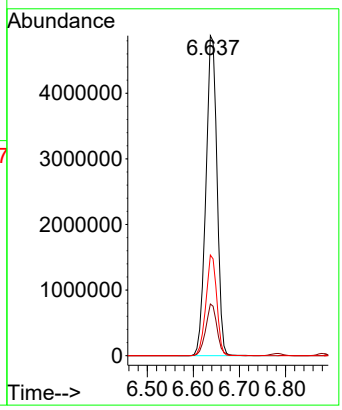




#7
Phenol-d6
Concen: 151.423 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 99 Resp: 821090

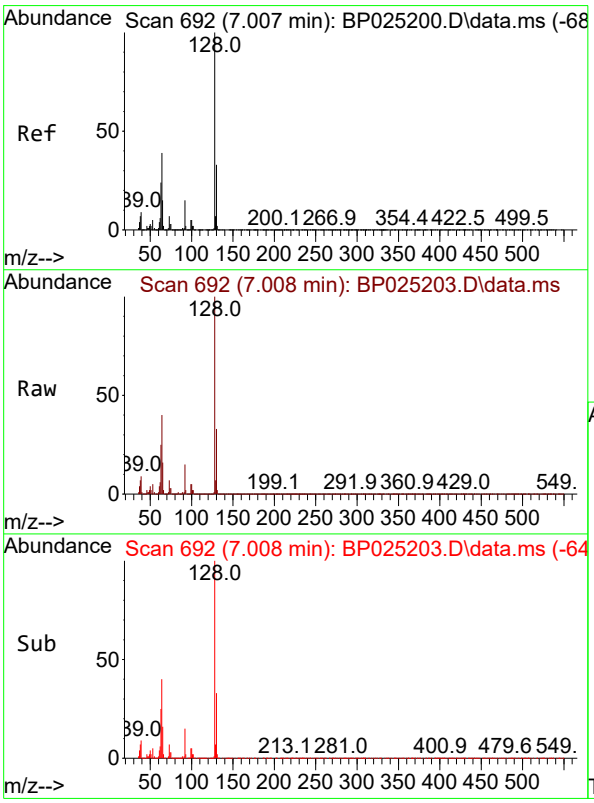
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	31.5	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

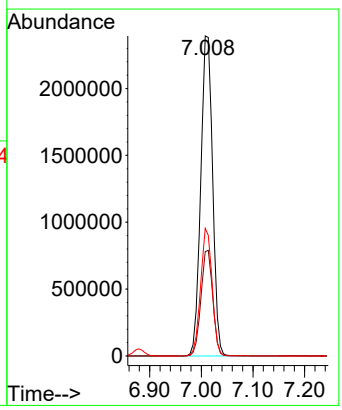
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

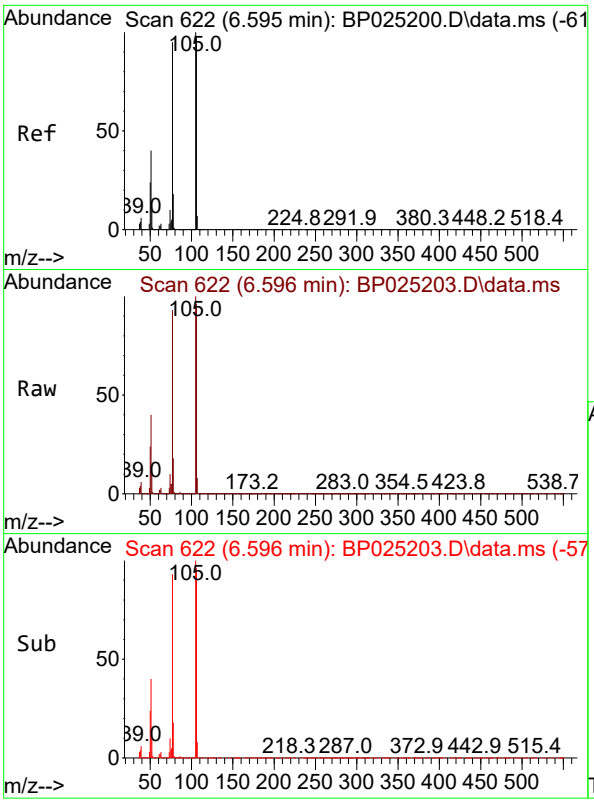


#8
2-Chlorophenol
Concen: 77.248 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 3817569

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	39.9	19.2	59.2

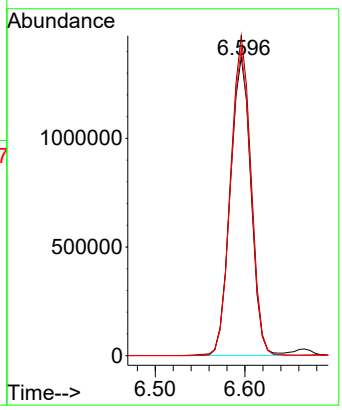




#9
Benzaldehyde
Concen: 56.451 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 218753

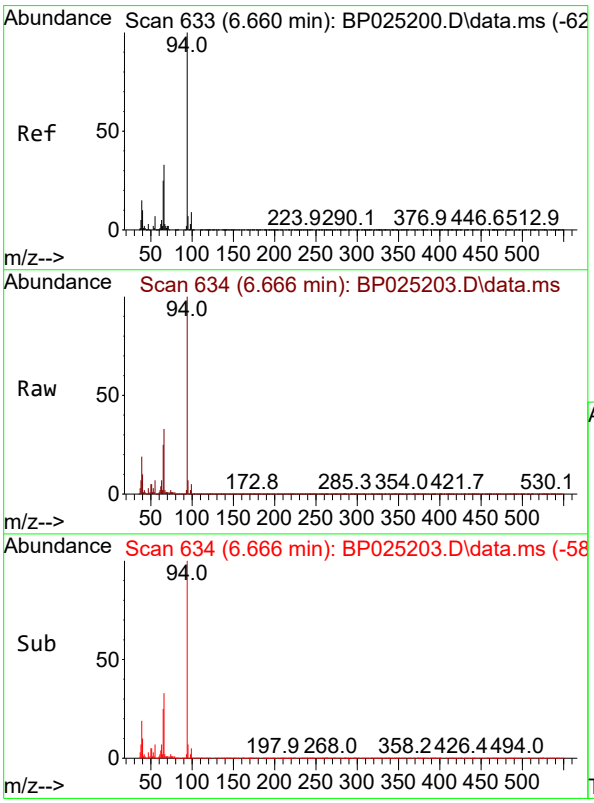
Ion	Ratio	Lower	Upper
77	100		
105	107.1	85.5	125.5
106	103.1	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

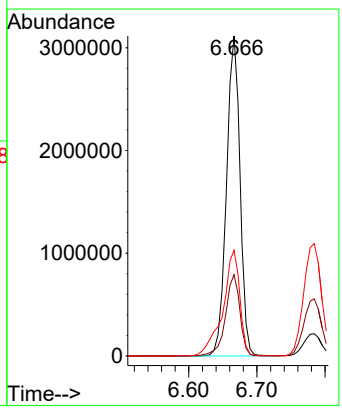
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

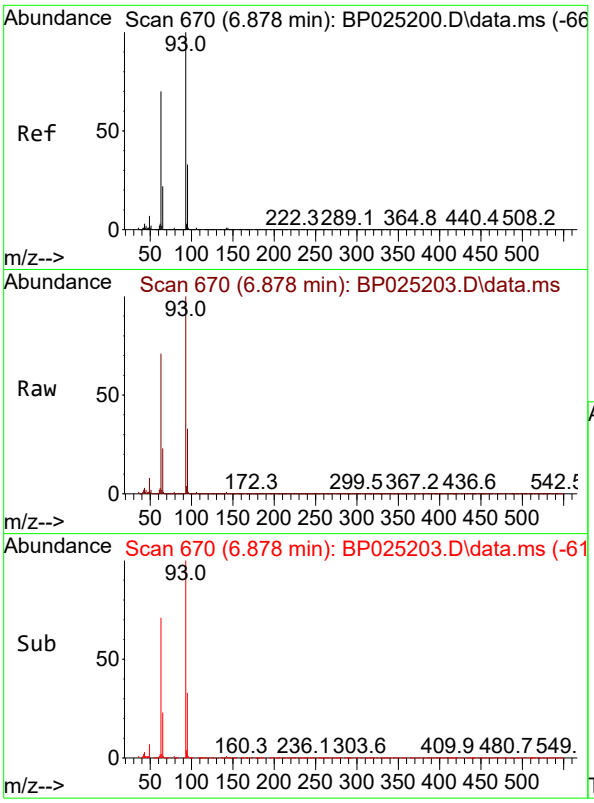


#10
Phenol
Concen: 76.687 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 94 Resp: 4302363

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.4	45.4
66	33.0	13.5	53.5

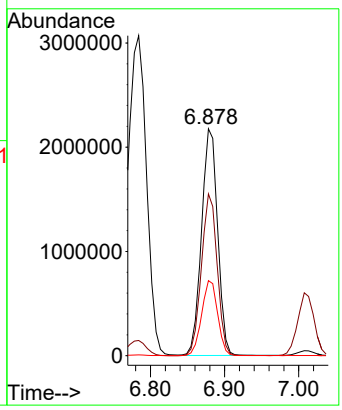




#11
bis(2-Chloroethyl)ether
Concen: 76.196 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 328223

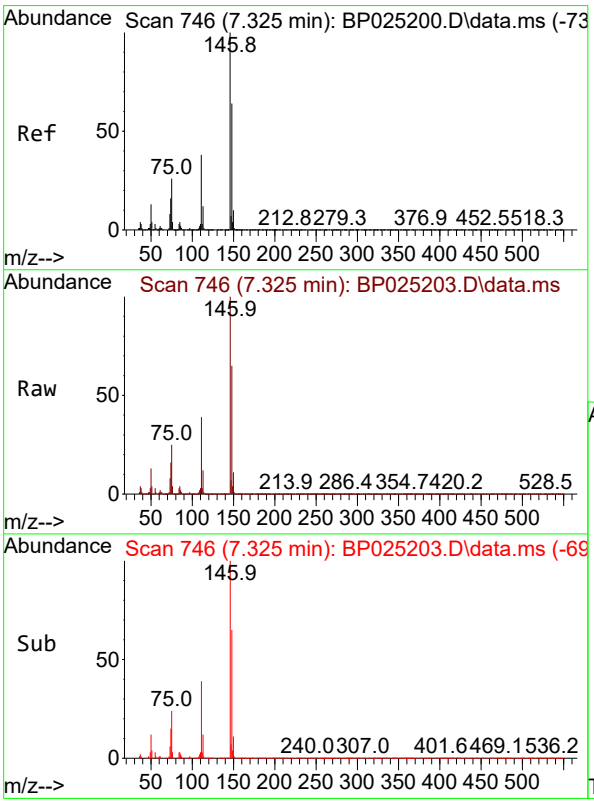
Ion	Ratio	Lower	Upper
93	100		
63	71.3	50.0	90.0
95	33.1	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

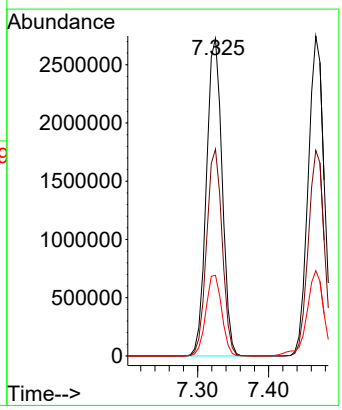
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

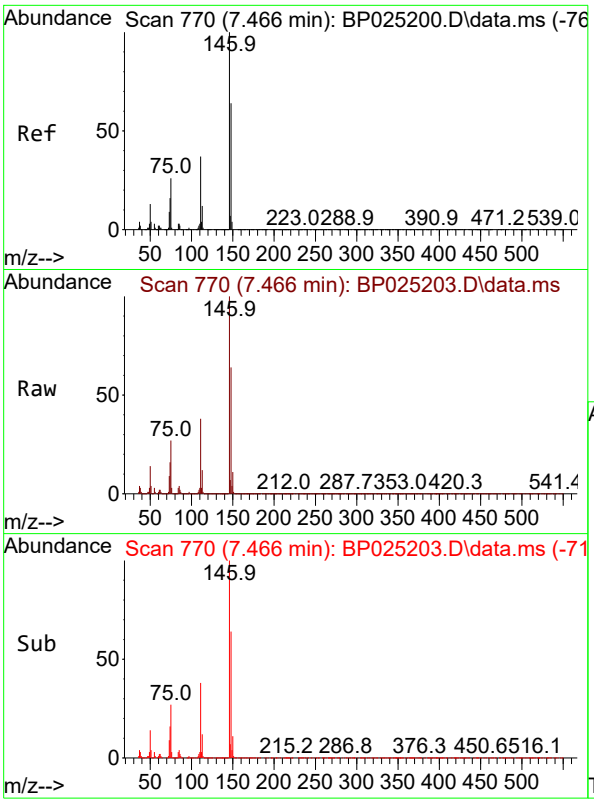


#12
1,3-Dichlorobenzene
Concen: 74.781 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4192818

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	25.4	20.6	31.0

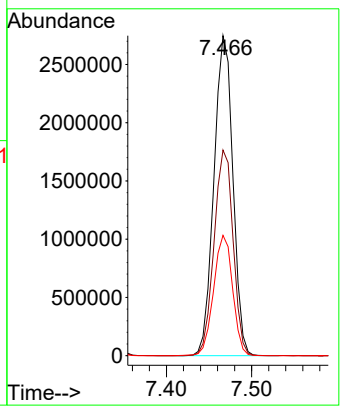




#13
1,4-Dichlorobenzene
Concen: 75.053 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 424648

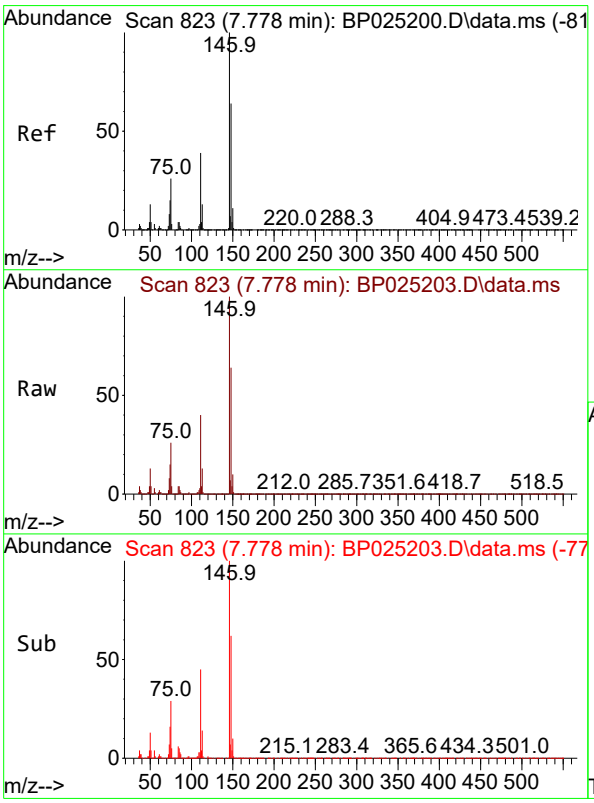
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	37.6	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

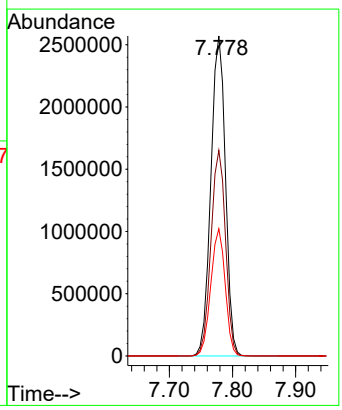
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

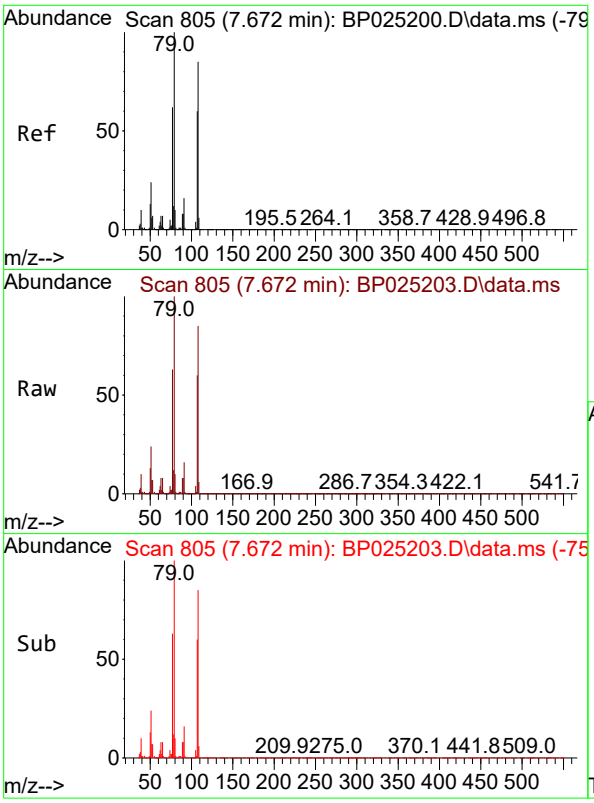


#14
1,2-Dichlorobenzene
Concen: 75.632 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4111863

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	39.7	31.3	46.9





#15
Benzyl Alcohol
Concen: 77.828 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

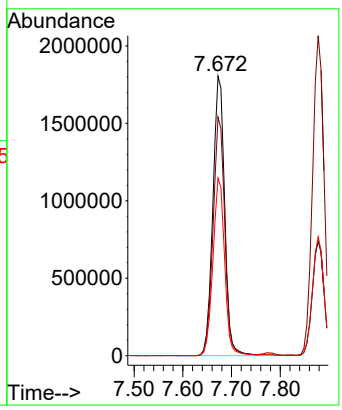
Tgt Ion: 79 Resp: 302497

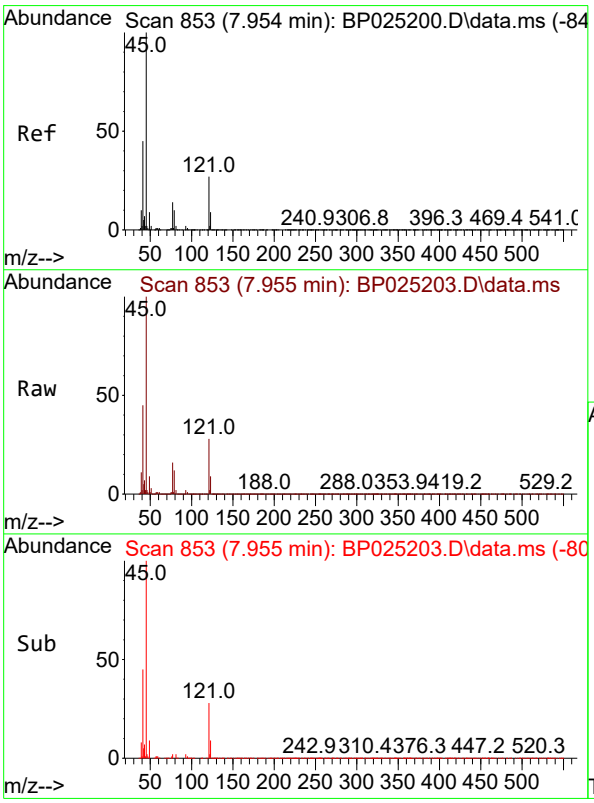
Ion	Ratio	Lower	Upper
79	100		
108	85.4	67.8	101.6
77	63.5	49.9	74.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

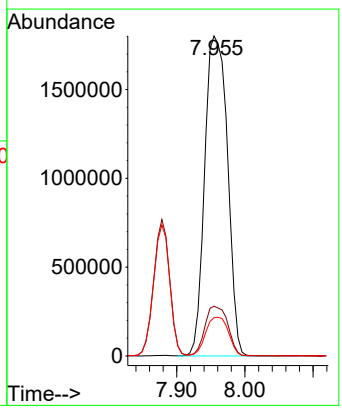


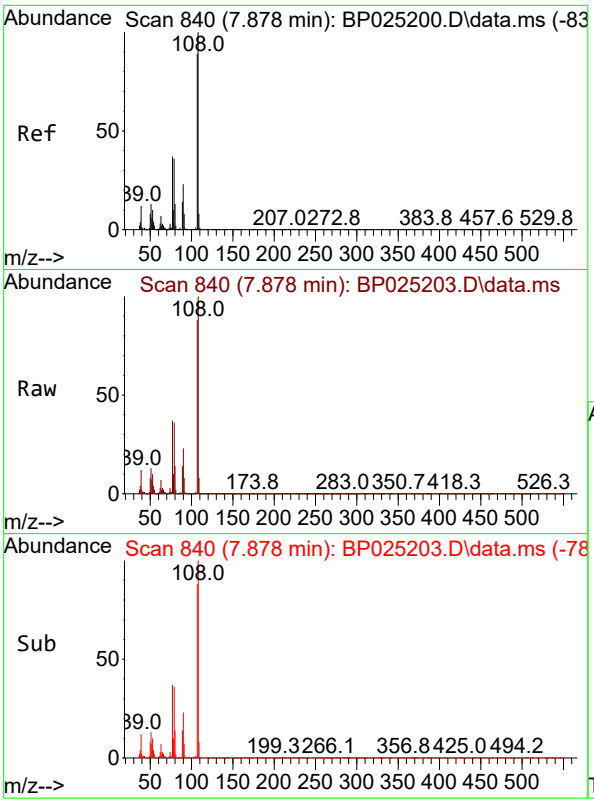


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.769 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 45 Resp: 4186533

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	36.0
79	11.9	0.0	31.7

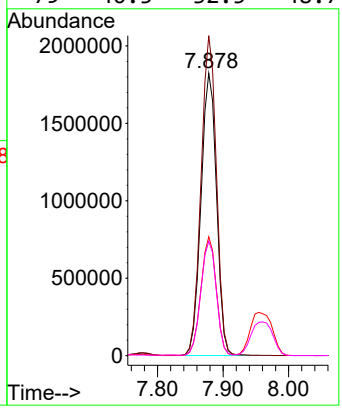




#17
2-Methylphenol
Concen: 77.489 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 300694

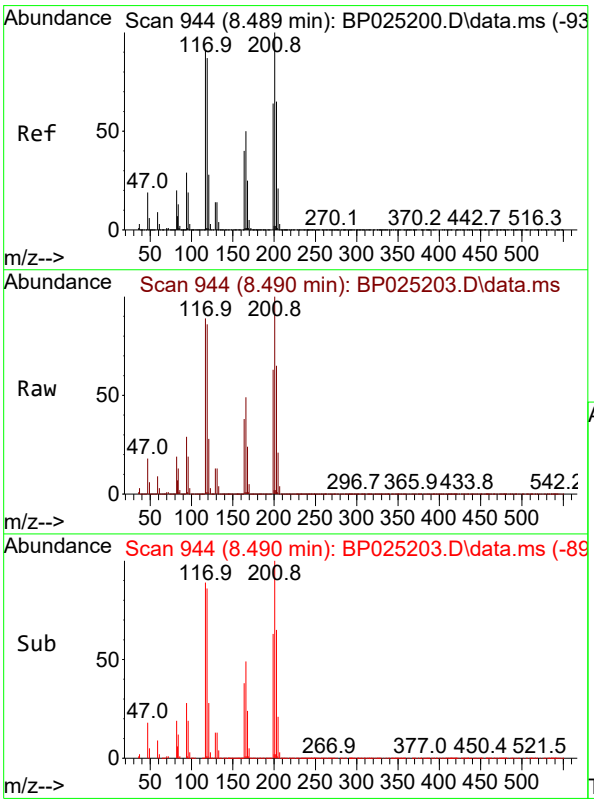
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	42.1	33.2	49.8
79	40.5	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

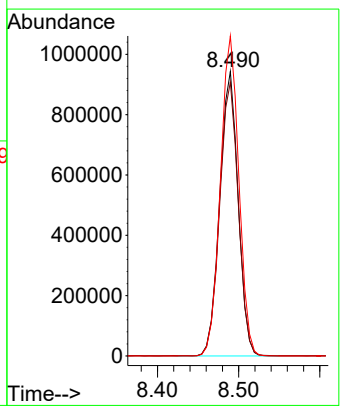
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

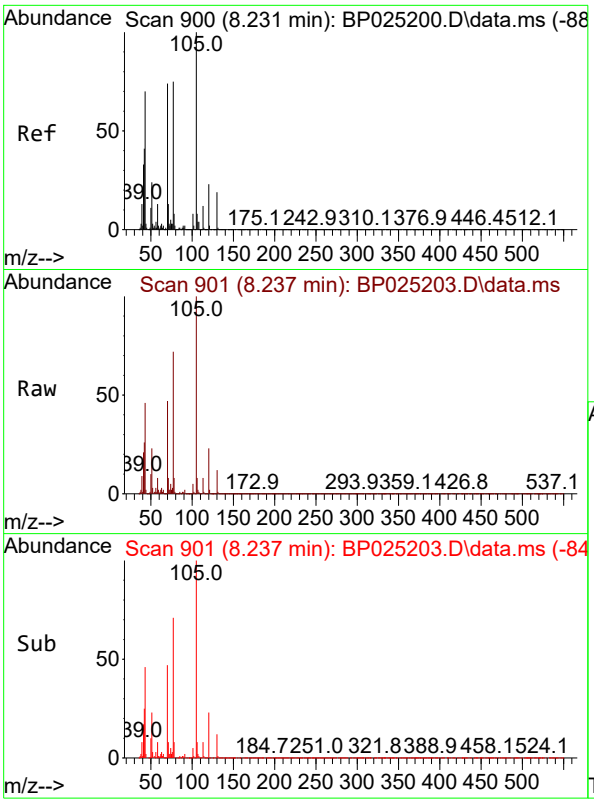


#18
Hexachloroethane
Concen: 77.034 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 1488292

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	112.5	88.3	132.5

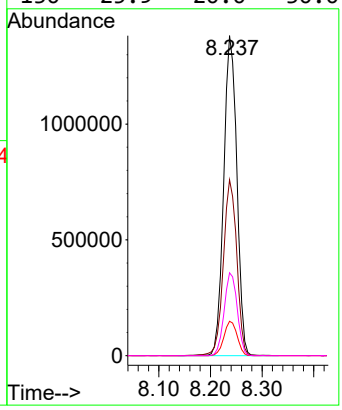




#19
n-Nitroso-di-n-propylamine
Concen: 74.535 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 70 Resp: 243583

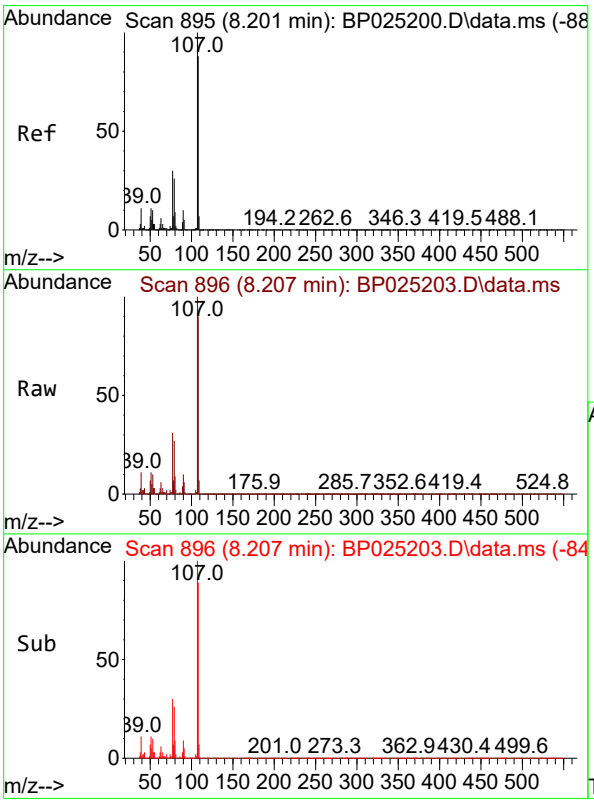
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.7	8.6	12.8
130	25.9	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

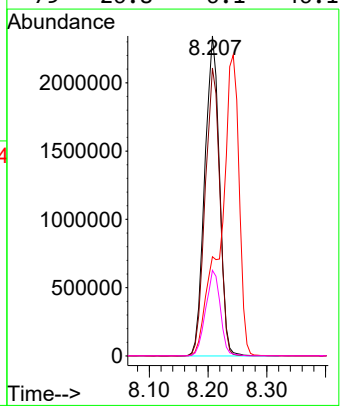
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

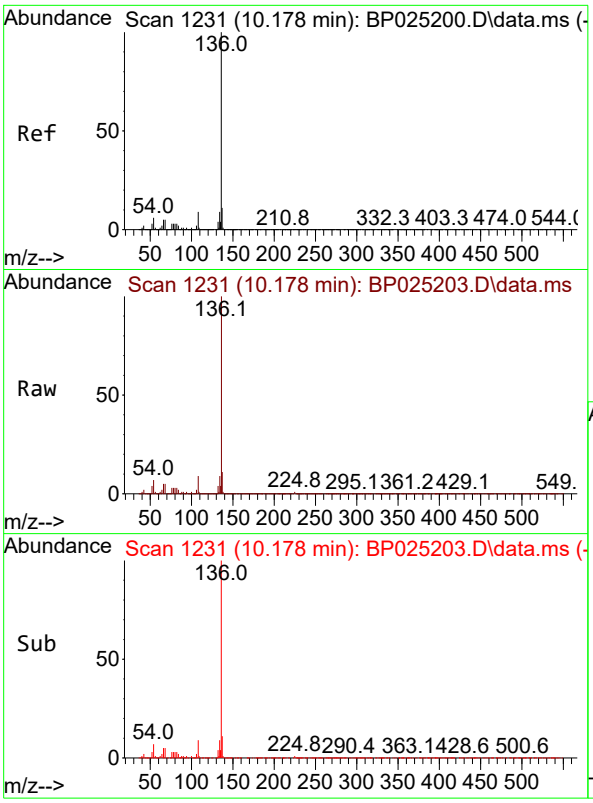


#20
3+4-Methylphenols
Concen: 76.765 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 4068704

Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	31.0	10.3	50.3
79	26.8	6.1	46.1

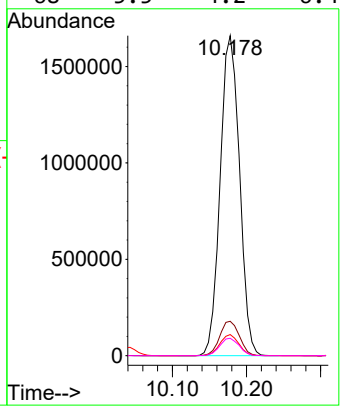




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:136 Resp: 300843

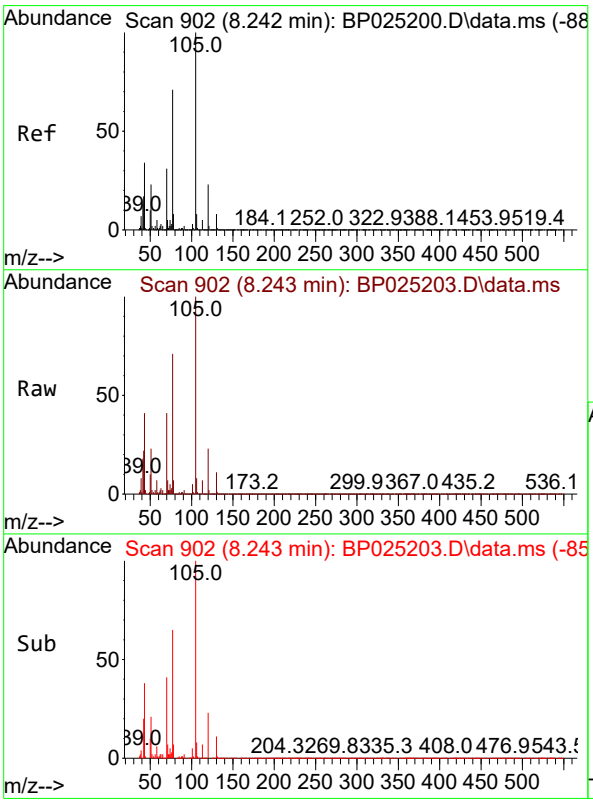
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.1	7.7
68	5.5	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

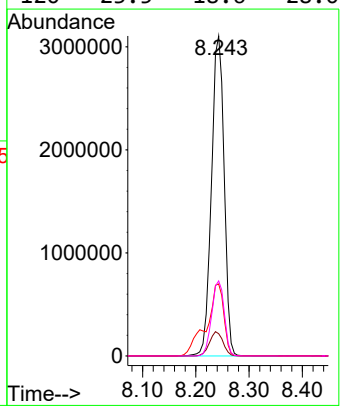
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

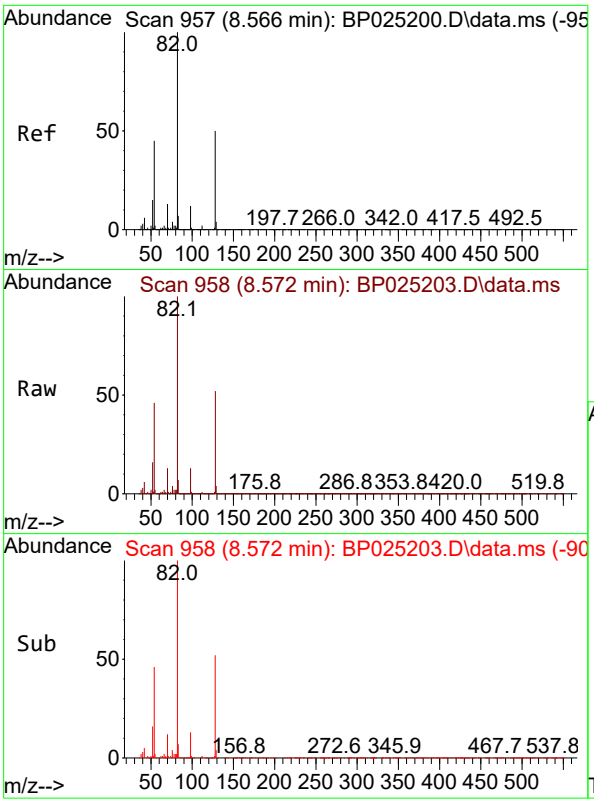


#22
Acetophenone
Concen: 72.049 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 5133884

Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.1	6.1#
51	22.5	18.5	27.7
120	23.5	18.6	28.0

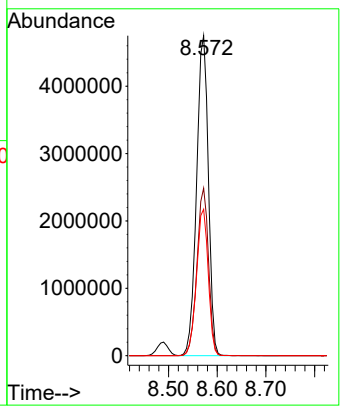




#23
Nitrobenzene-d5
Concen: 145.785 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 82 Resp: 799935

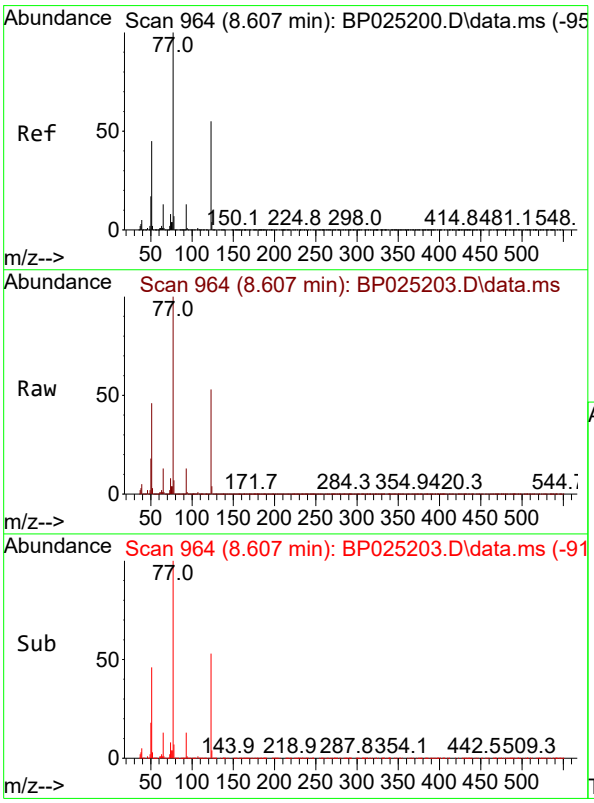
Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.2	60.4
54	45.7	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

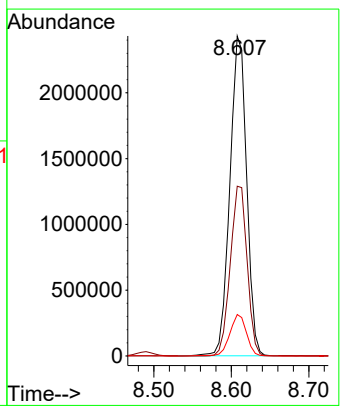
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

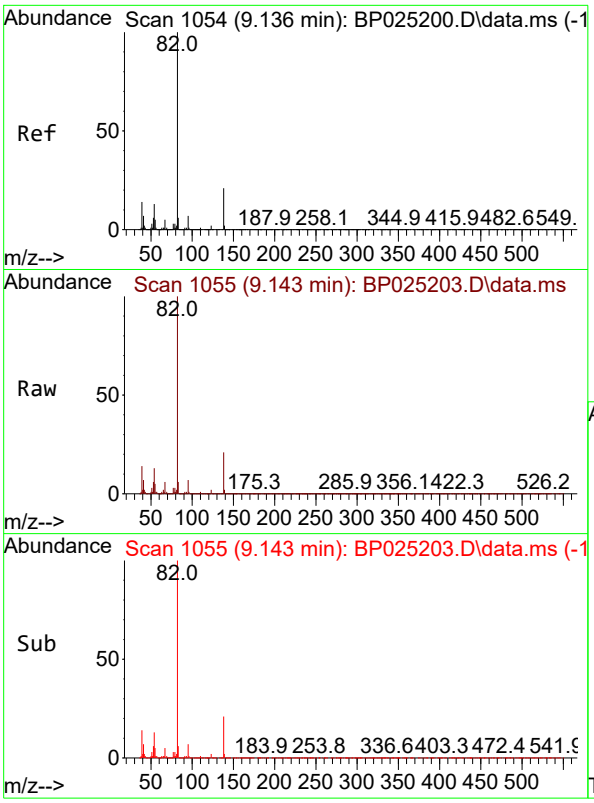


#24
Nitrobenzene
Concen: 75.229 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 3658209

Ion	Ratio	Lower	Upper
77	100		
123	53.0	43.6	65.4
65	13.0	10.2	15.2





#25
Isophorone
Concen: 75.163 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

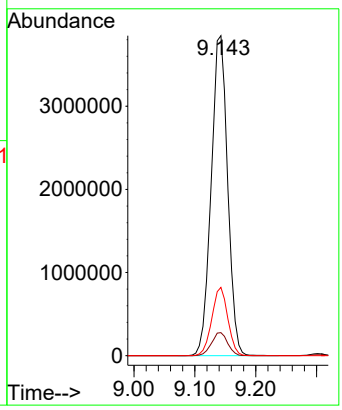
Tgt Ion: 82 Resp: 722316

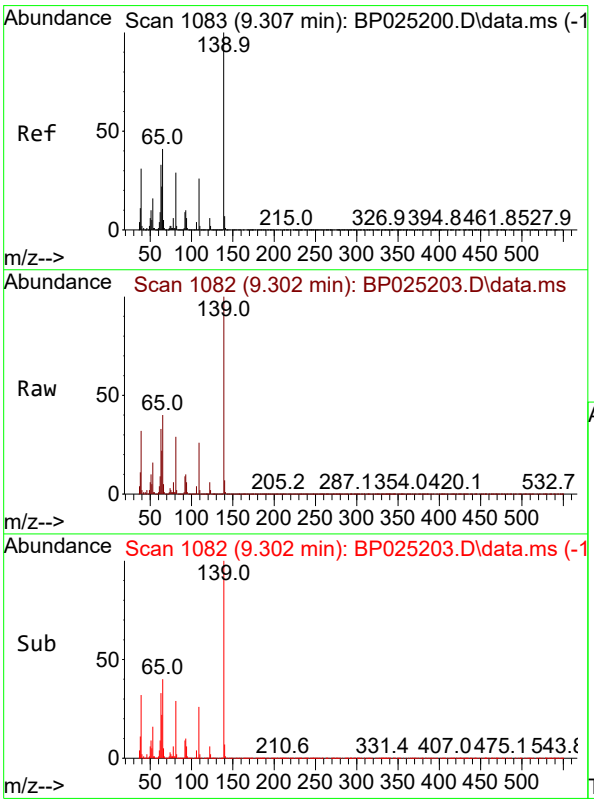
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	21.3	16.6	25.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

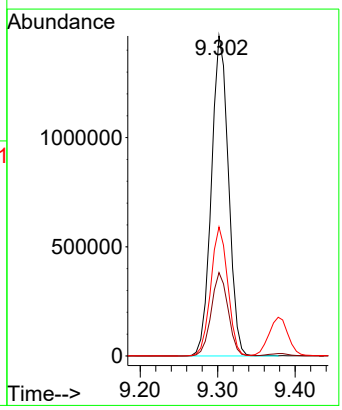


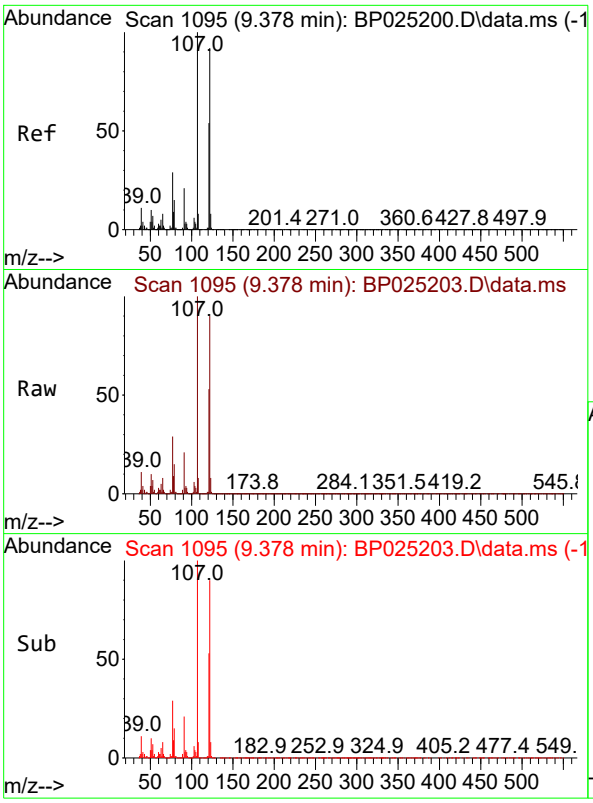


#26
2-Nitrophenol
Concen: 81.871 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2240908

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	40.3	32.7	49.1

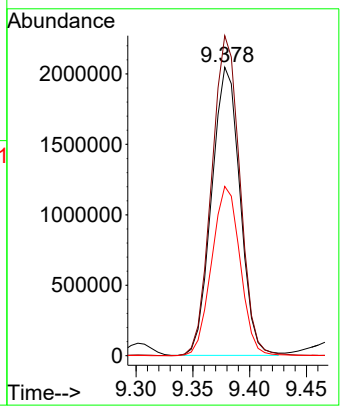




#27
2,4-Dimethylphenol
Concen: 76.211 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 355115

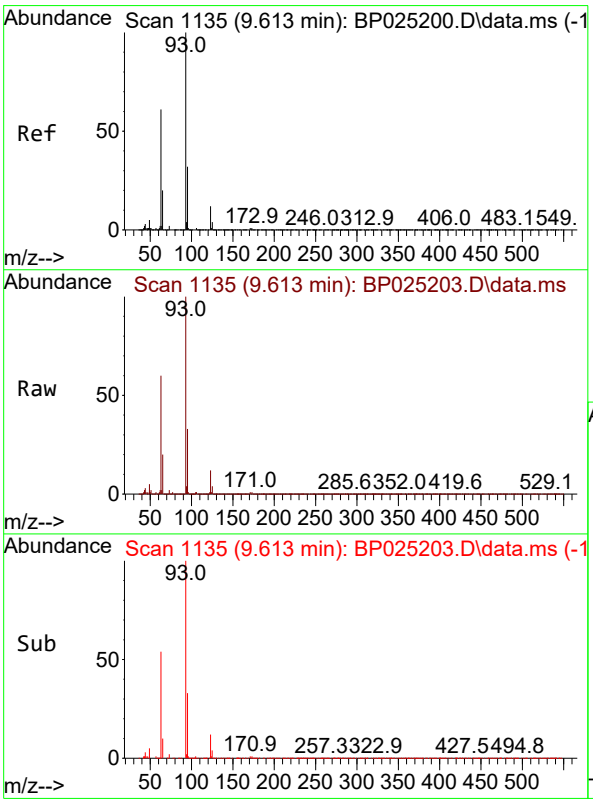
Ion	Ratio	Lower	Upper
122	100		
107	111.0	87.0	130.4
121	58.7	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

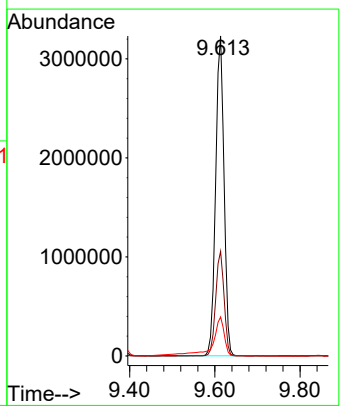
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

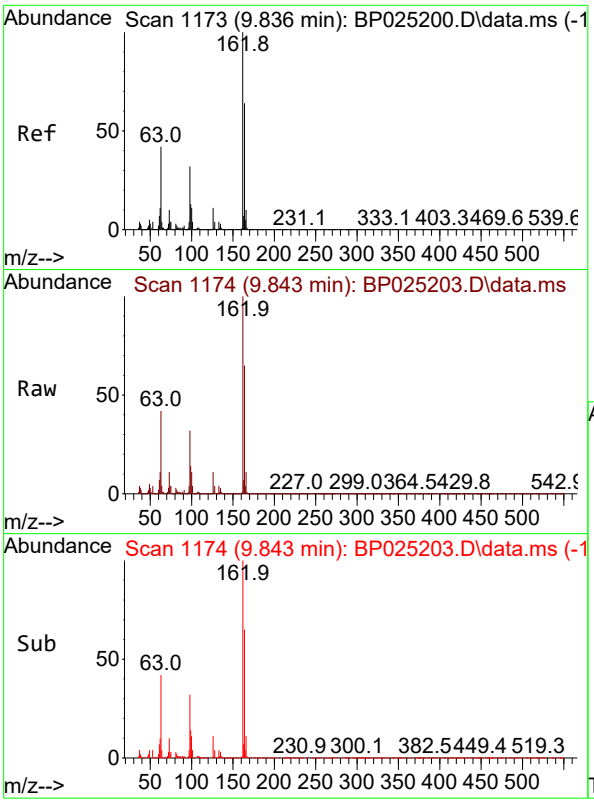


#28
bis(2-Chloroethoxy)methane
Concen: 73.133 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 4412252

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.2	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 77.123 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

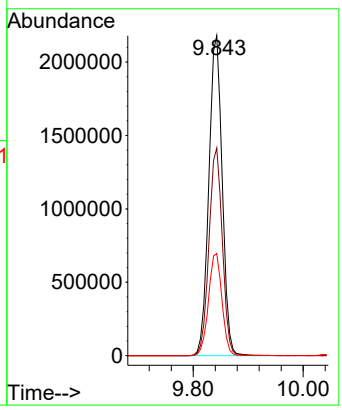
Tgt Ion:162 Resp: 368588

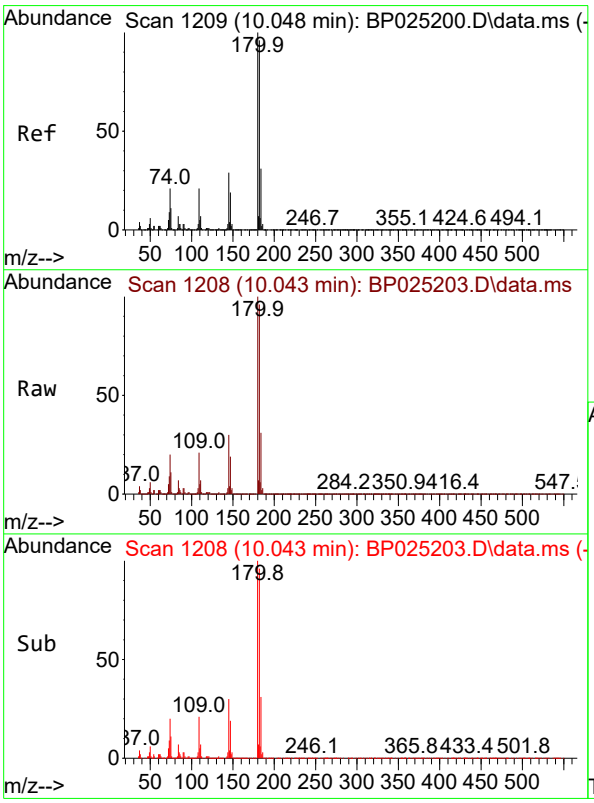
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	32.0	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

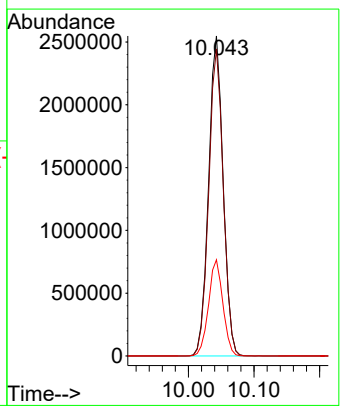


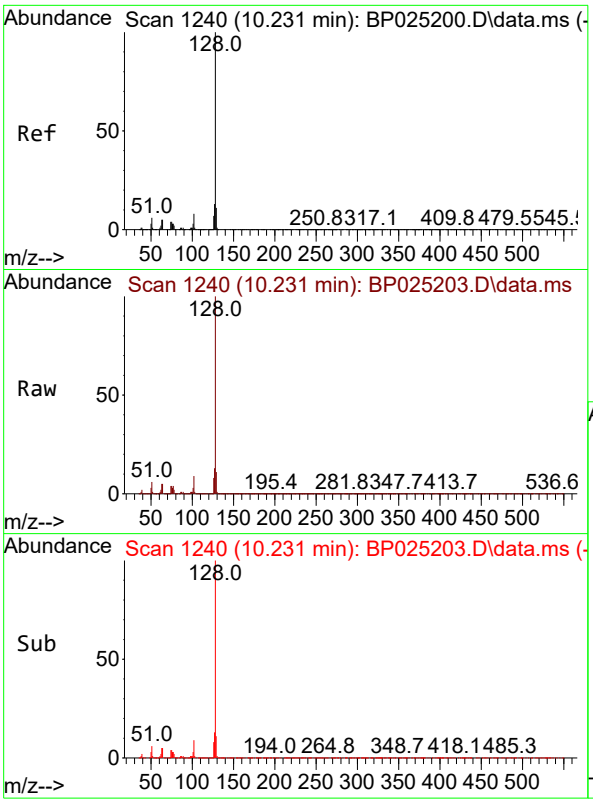


#30
1,2,4-Trichlorobenzene
Concen: 74.689 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 3927729

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	30.0	23.5	35.3

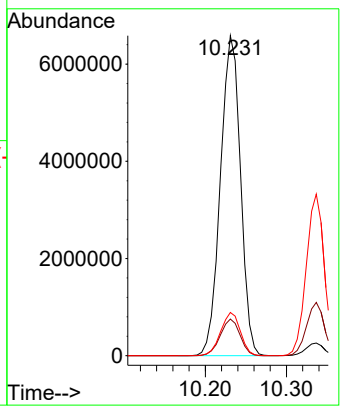




#31
Naphthalene
Concen: 72.252 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp:1131995

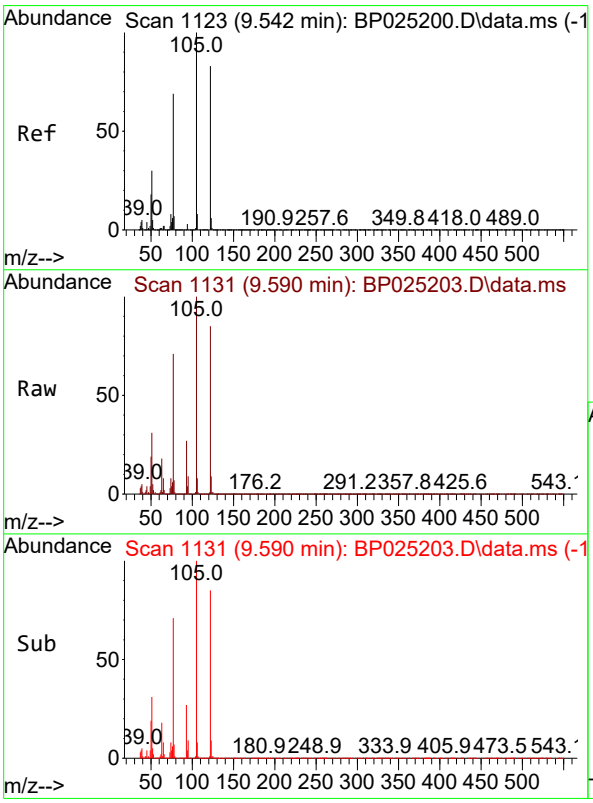
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

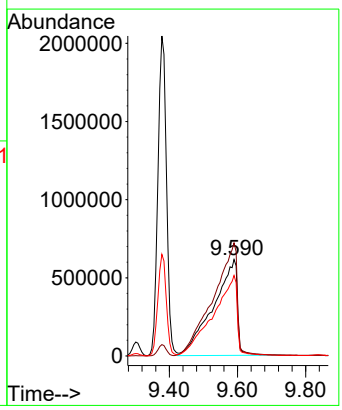
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

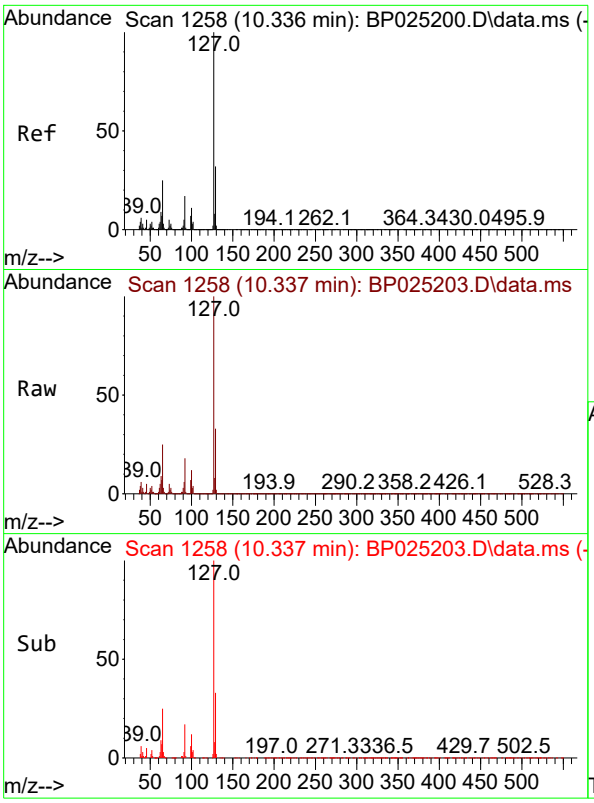


#32
Benzoic acid
Concen: 88.203 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 3001596

Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.1	138.1
77	83.5	62.7	102.7

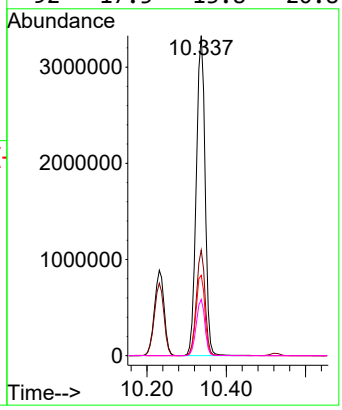




#33
4-Chloroaniline
Concen: 75.351 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:127 Resp: 512584

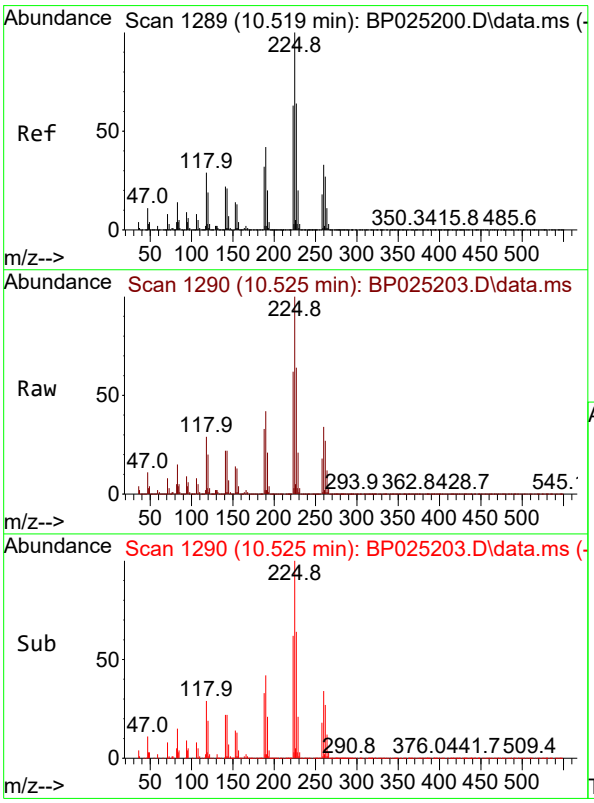
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	25.1	20.2	30.4
92	17.5	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

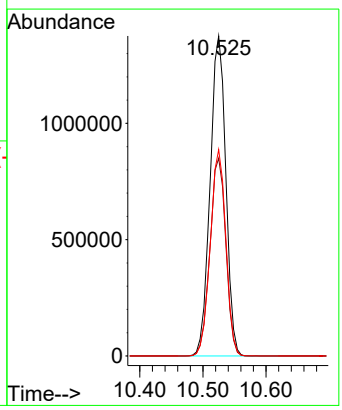
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

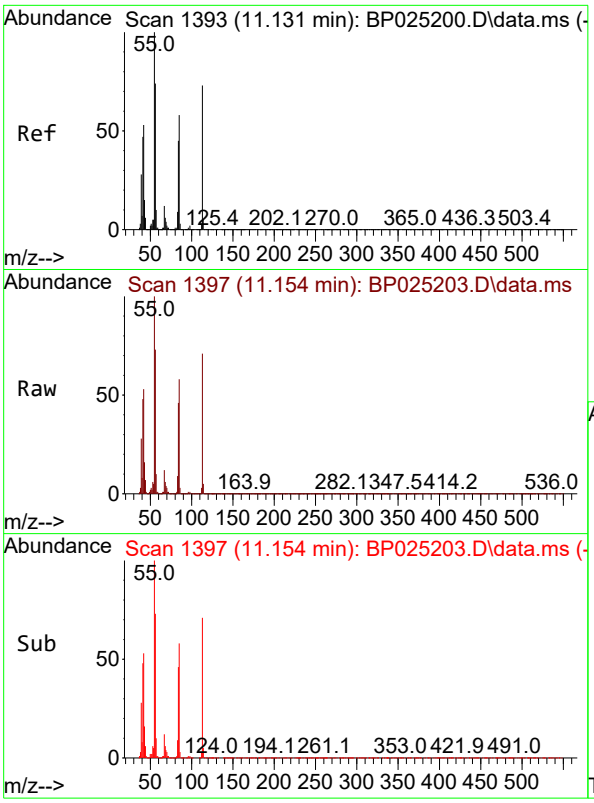


#34
Hexachlorobutadiene
Concen: 75.041 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:225 Resp: 2369882

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.5	51.4	77.0

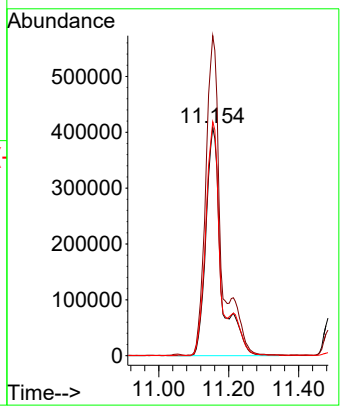




#35
Caprolactam
Concen: 78.901 ng m
RT: 11.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:113 Resp: 124097

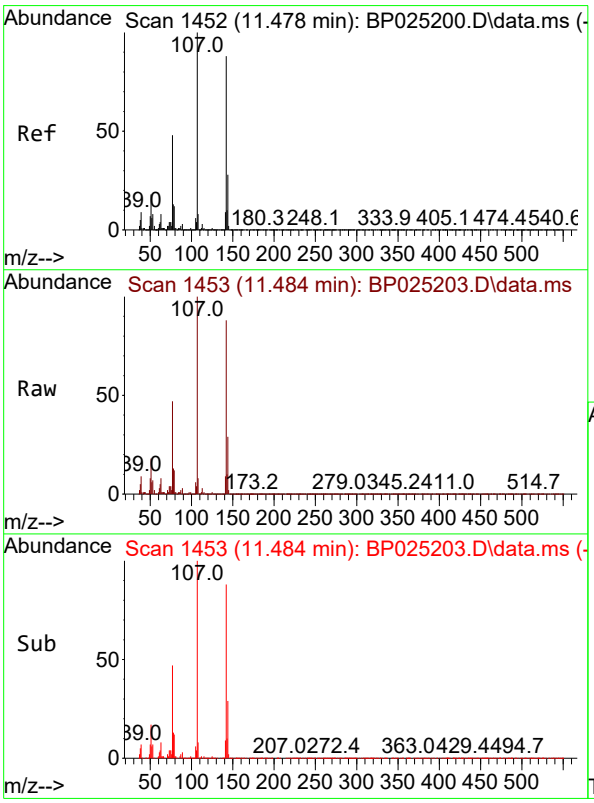
Ion	Ratio	Lower	Upper
113	100		
55	140.3	117.6	157.6
56	102.6	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

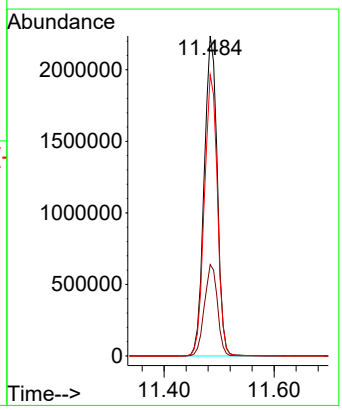
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

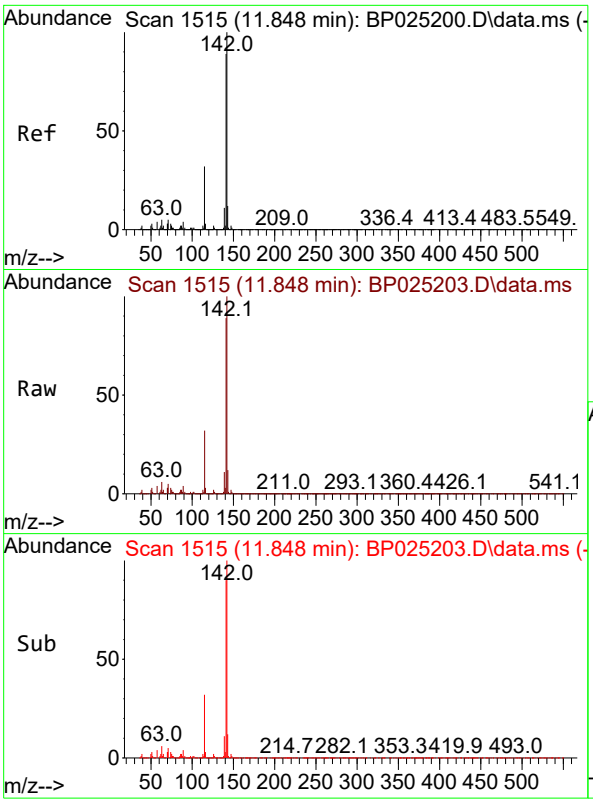


#36
4-Chloro-3-methylphenol
Concen: 77.068 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 3678461

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	87.9	70.6	105.8

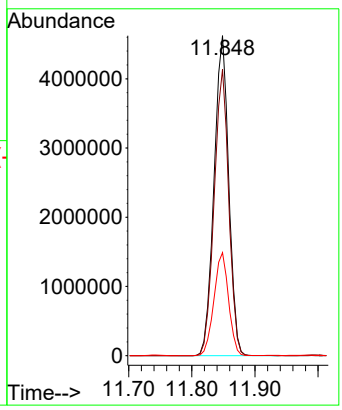




#37
2-Methylnaphthalene
Concen: 73.577 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 745584

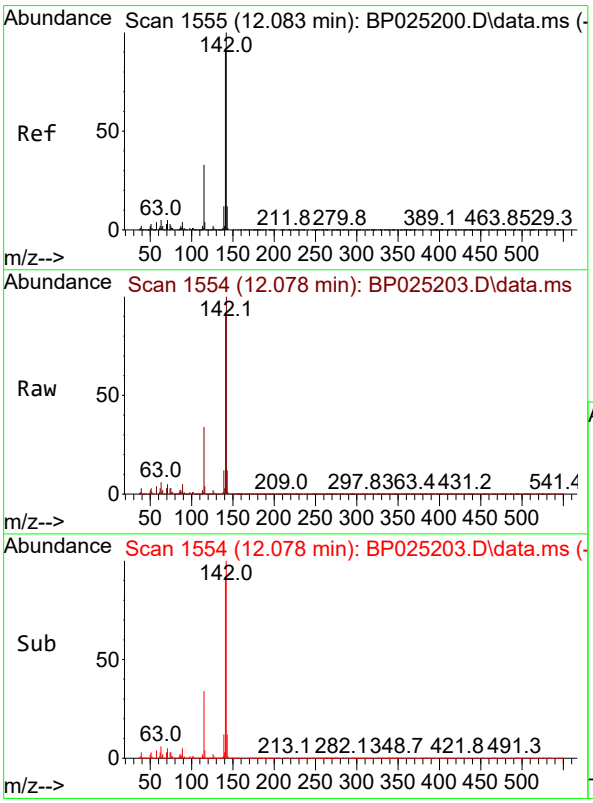
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	32.2	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

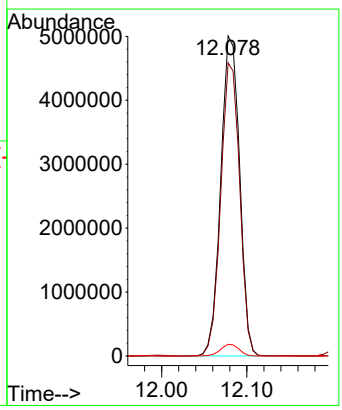
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

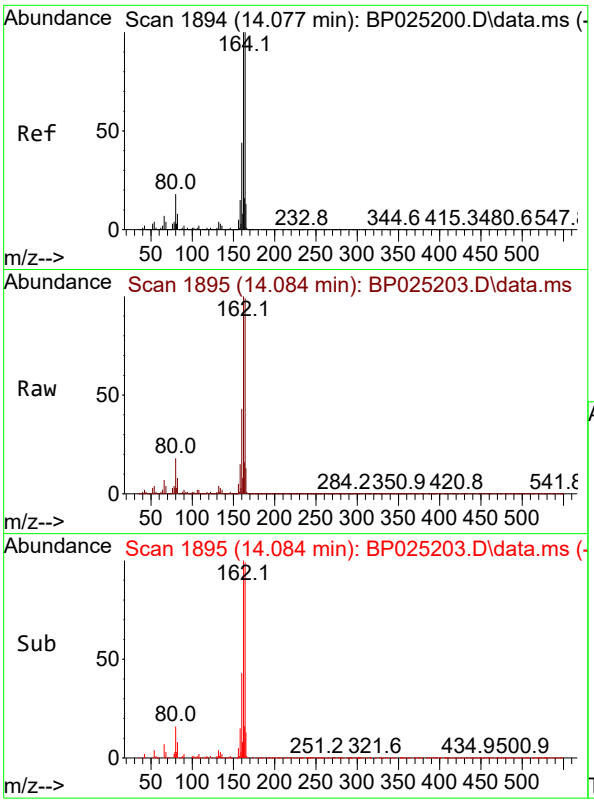


#38
1-Methylnaphthalene
Concen: 71.955 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 7690366

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.6	2.8	4.2

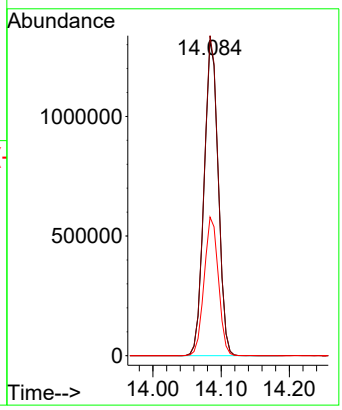




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:164 Resp: 189972

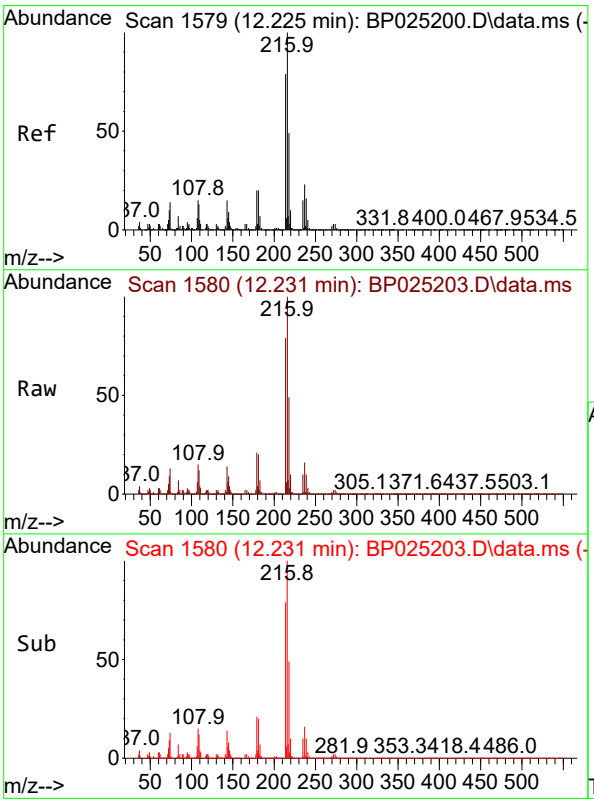
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

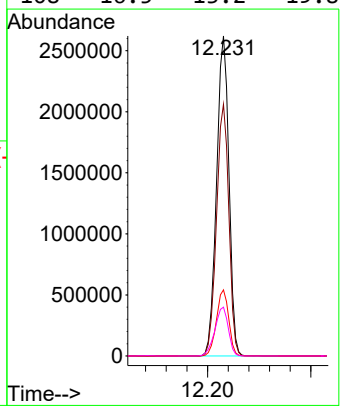
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

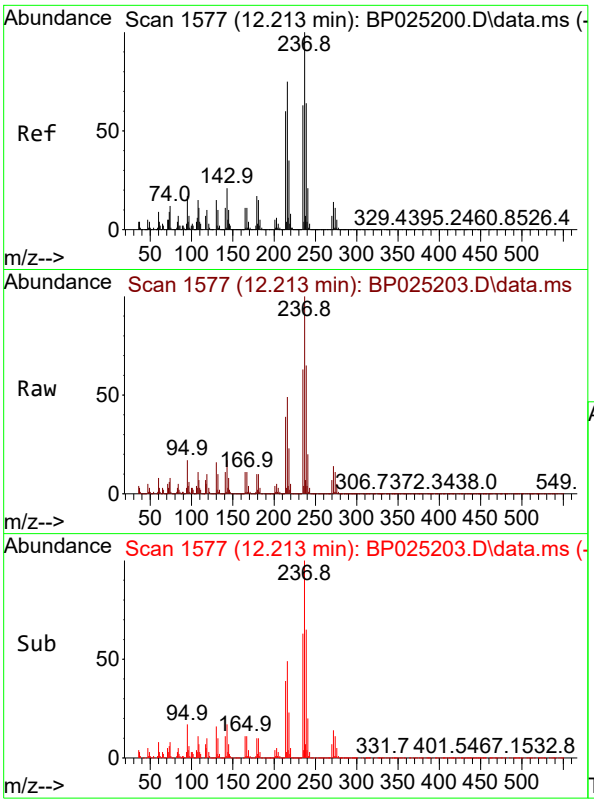


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.446 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:216 Resp: 4340312

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.5	16.2	24.4
108	16.5	13.2	19.8

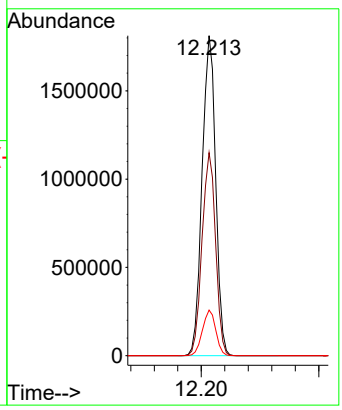




#41
Hexachlorocyclopentadiene
Concen: 88.768 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:237 Resp: 289590

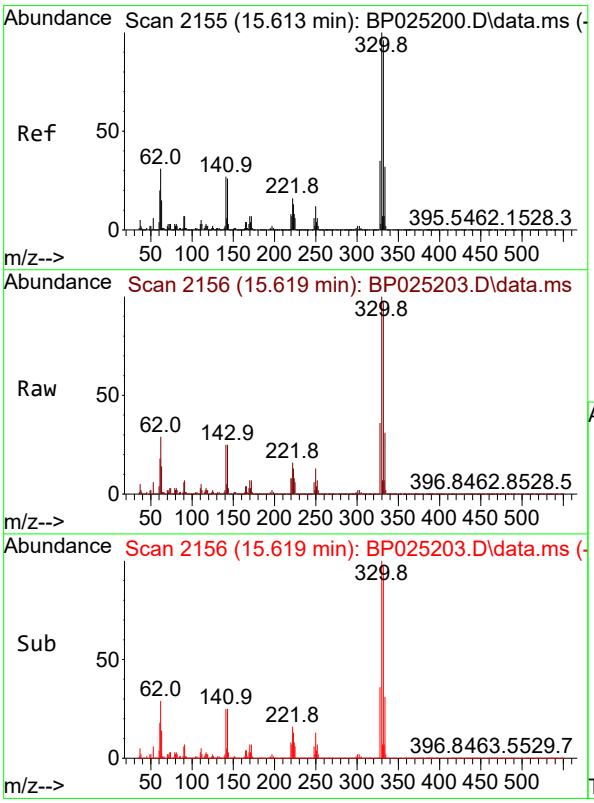
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.7	82.7
272	14.2	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

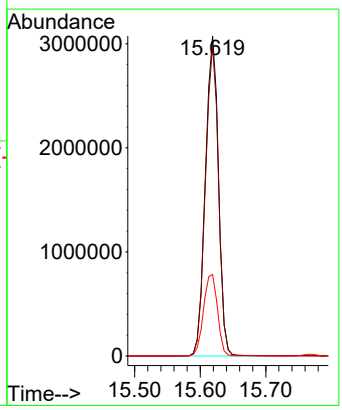
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

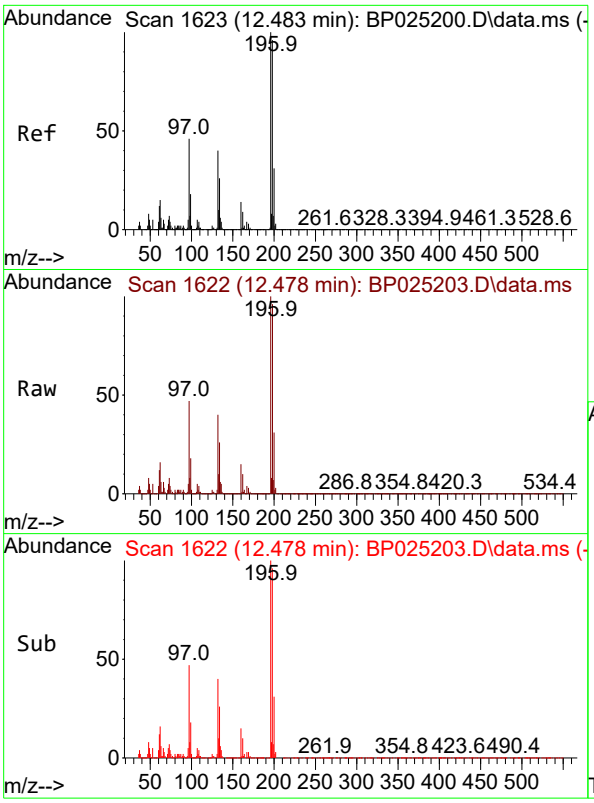


#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:330 Resp: 4276015

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	27.1	22.4	33.6





#43
2,4,6-Trichlorophenol
Concen: 79.138 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

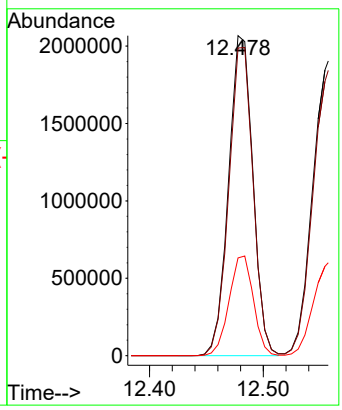
Tgt Ion:196 Resp: 307627

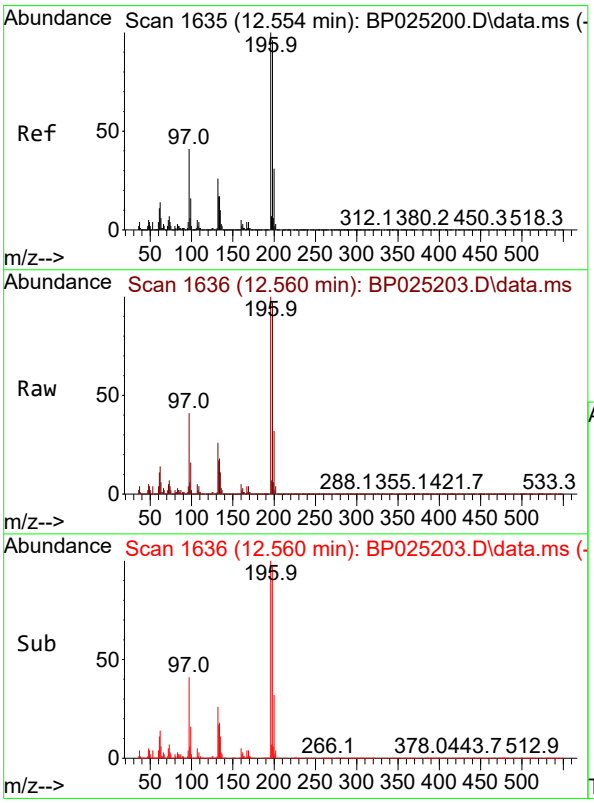
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
200	30.5	24.7	37.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
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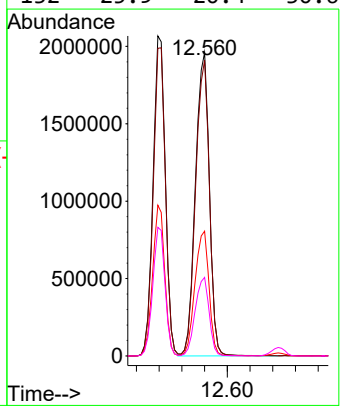


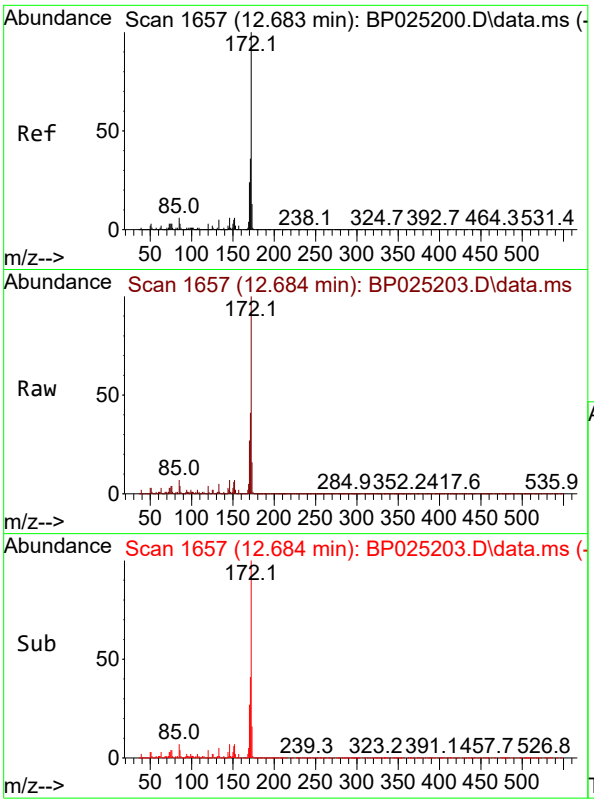


#44
2,4,5-Trichlorophenol
Concen: 78.125 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 3347418

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.7	115.1
97	41.1	33.0	49.4
132	25.9	20.4	30.6

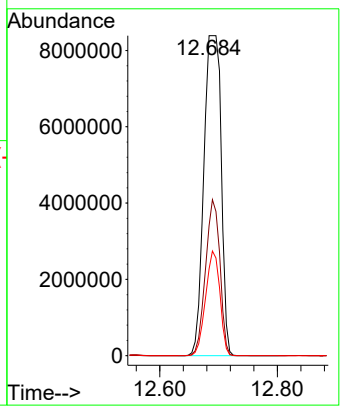




#45
2-Fluorobiphenyl
Concen: 119.181 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:172 Resp:1710188

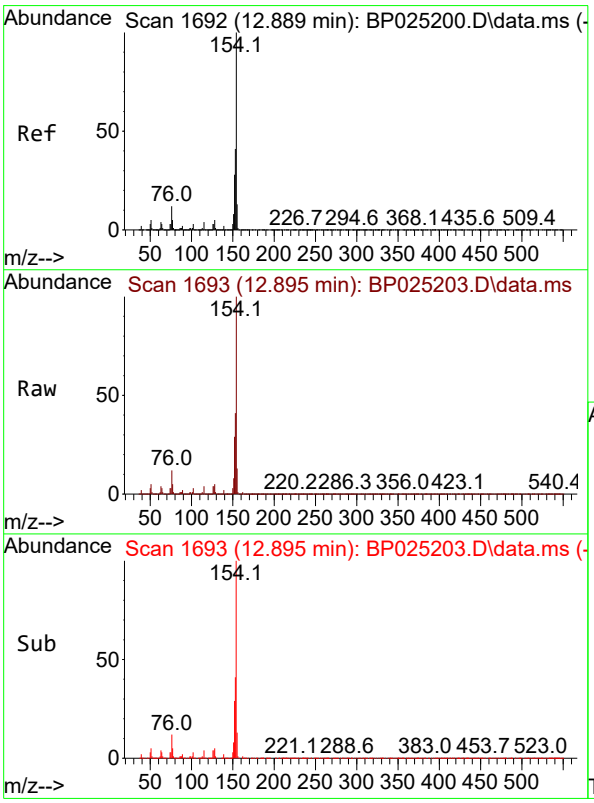
Ion	Ratio	Lower	Upper
172	100		
171	40.6	28.8	43.2
170	27.1	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

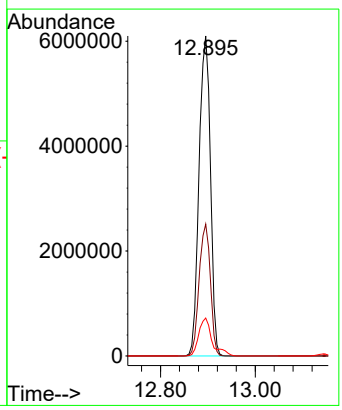
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

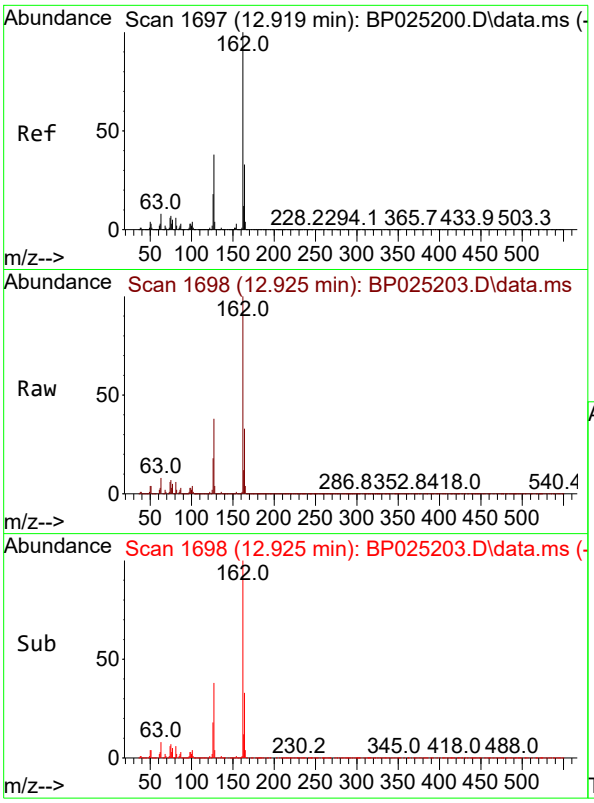


#46
1,1'-Biphenyl
Concen: 72.288 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp:10154378

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	11.9	0.0	31.6

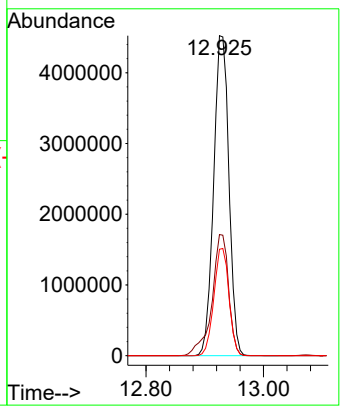




#47
2-Chloronaphthalene
Concen: 74.828 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:162 Resp: 814350

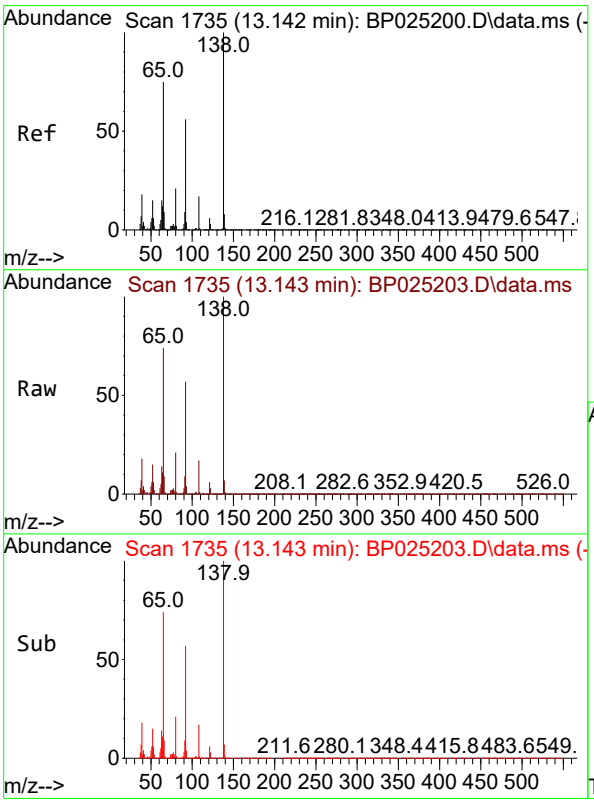
Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.1	45.1
164	33.3	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

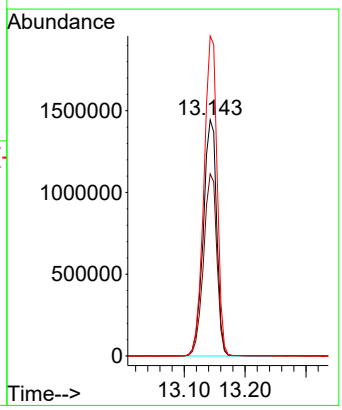
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

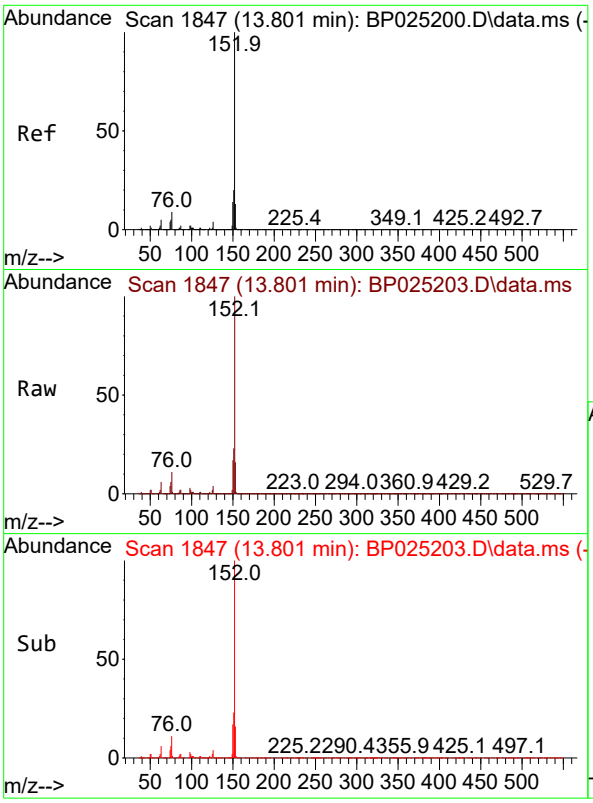


#48
2-Nitroaniline
Concen: 80.707 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 65 Resp: 2203215

Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	135.5	107.1	160.7

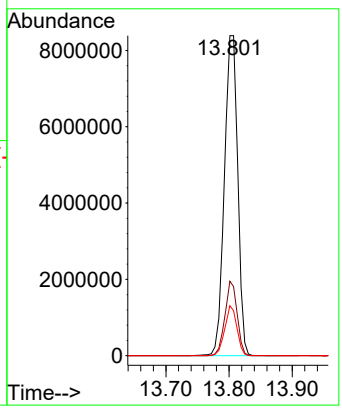




#49
Acenaphthylene
Concen: 68.982 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp:1231046

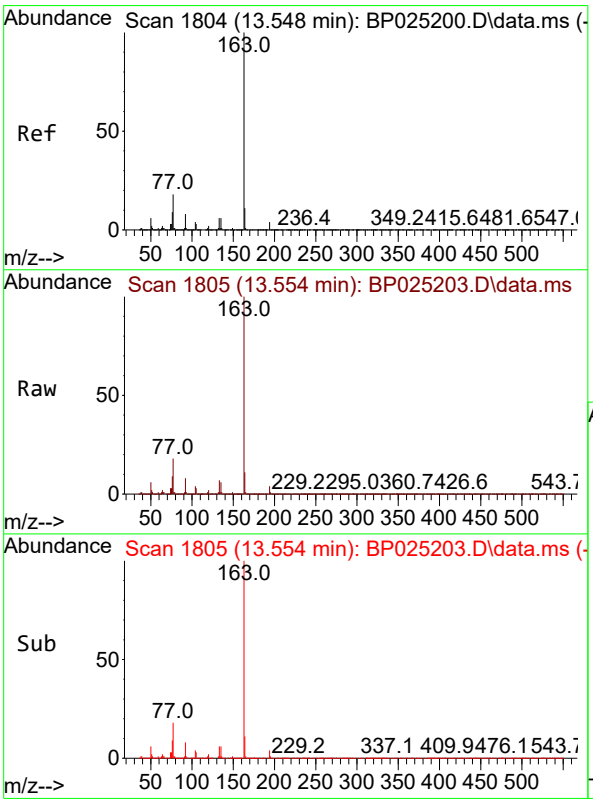
Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.2	24.2
153	15.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

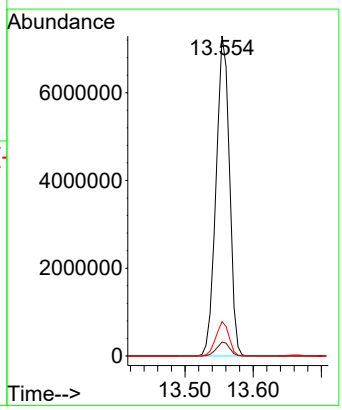
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

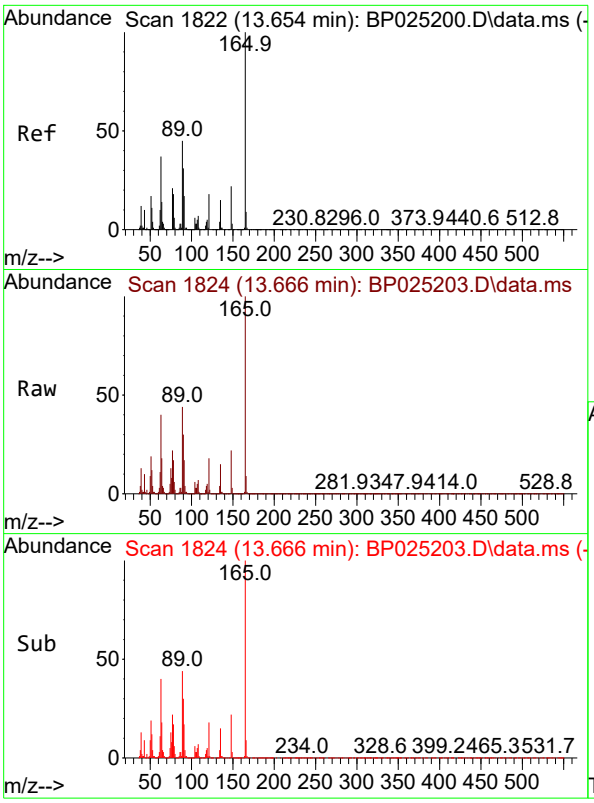


#50
Dimethylphthalate
Concen: 72.091 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:163 Resp: 9992464

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.7	8.5	12.7

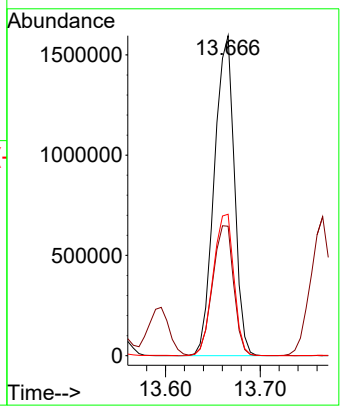




#51
2,6-Dinitrotoluene
Concen: 80.161 ng
RT: 13.666 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 235203

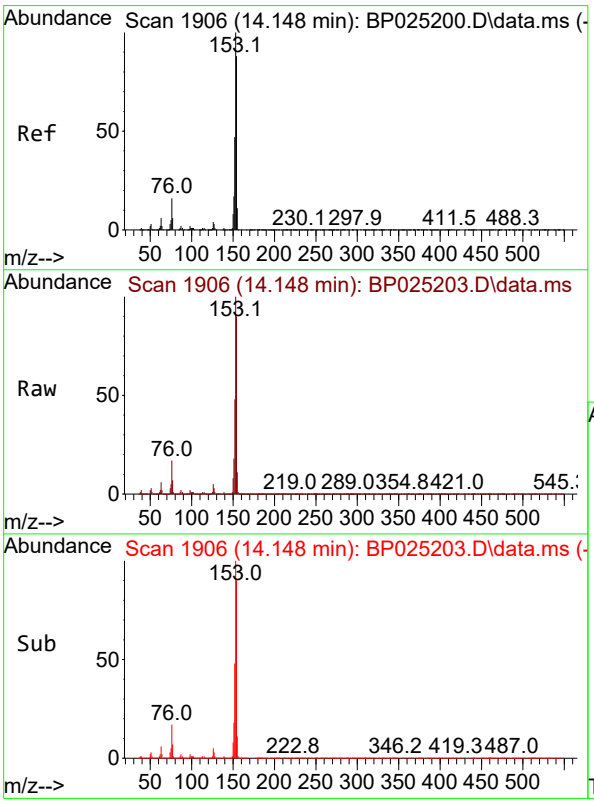
Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.2
89	44.2	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

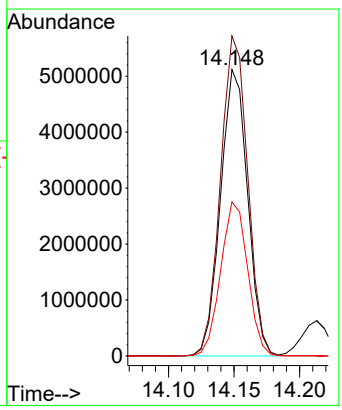
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

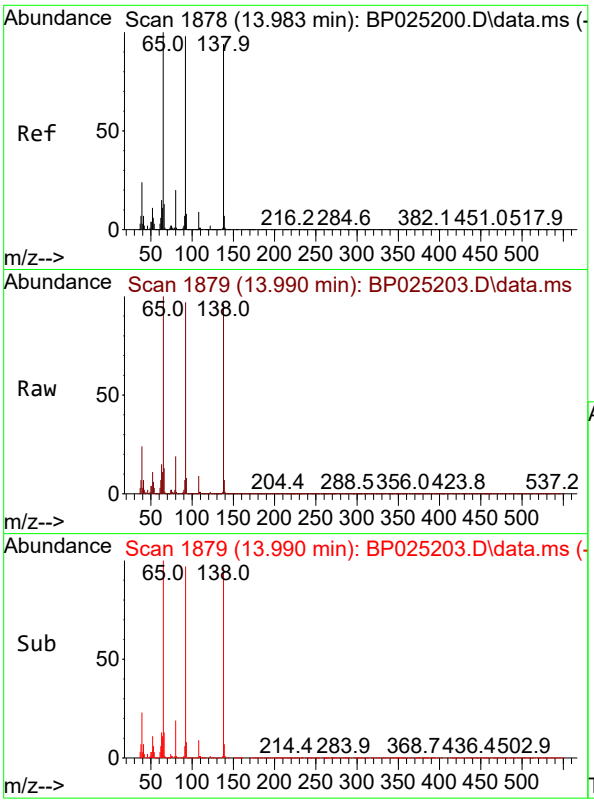


#52
Acenaphthene
Concen: 71.522 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp: 7352873

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.8	42.9	64.3





#53
3-Nitroaniline
Concen: 80.451 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

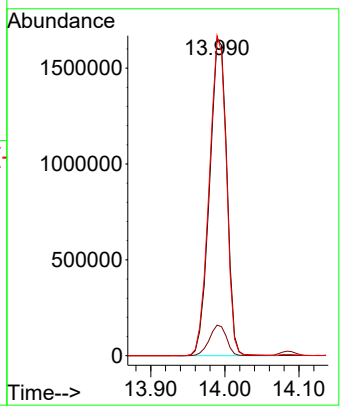
Tgt Ion:138 Resp: 266340

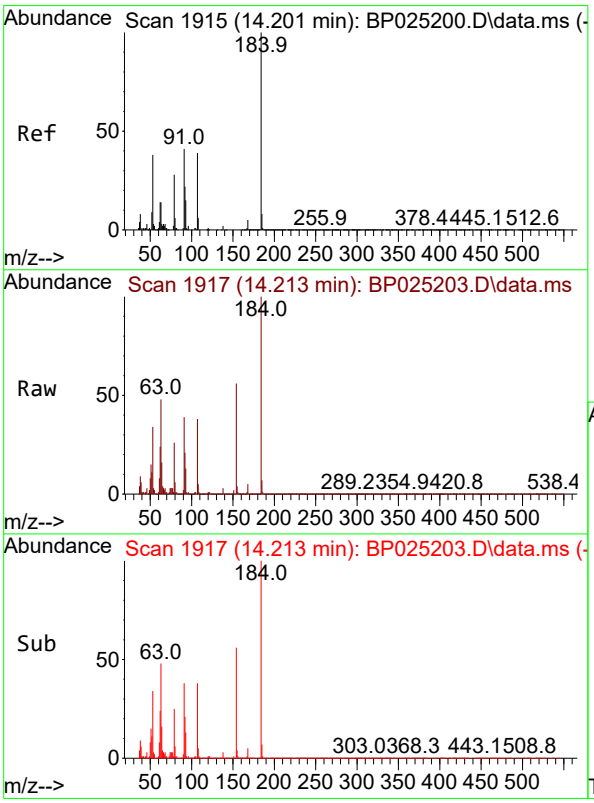
Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	100.9	83.2	124.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

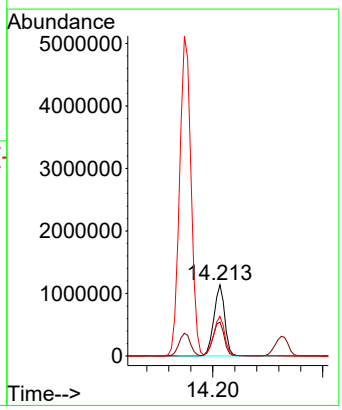


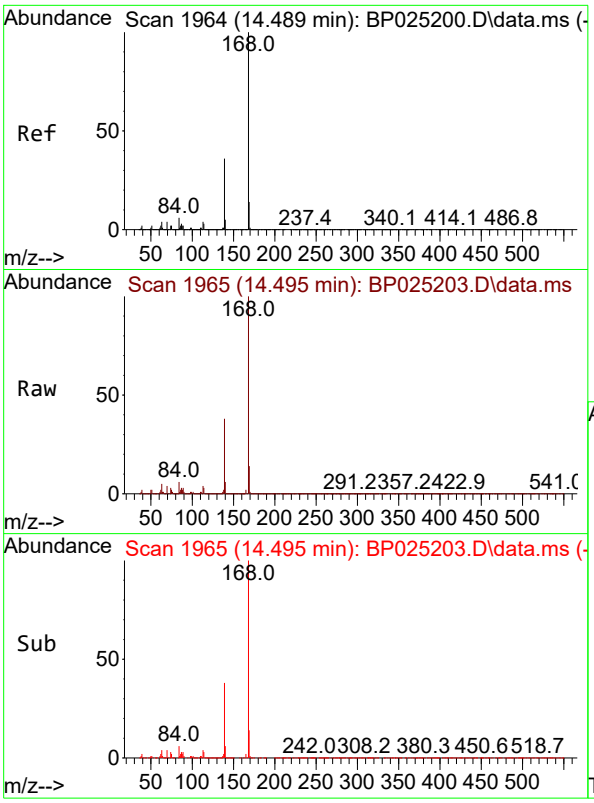


#54
2,4-Dinitrophenol
Concen: 94.925 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 1560749

Ion	Ratio	Lower	Upper
184	100		
63	47.7	41.8	62.8
154	55.7	45.7	68.5

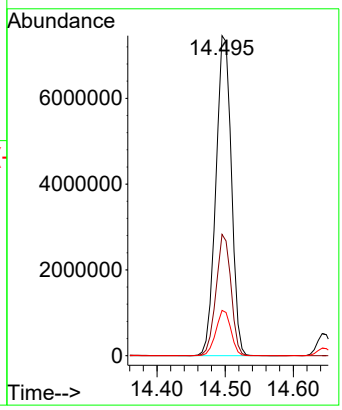




#55
Dibenzofuran
Concen: 70.782 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:168 Resp:1178176

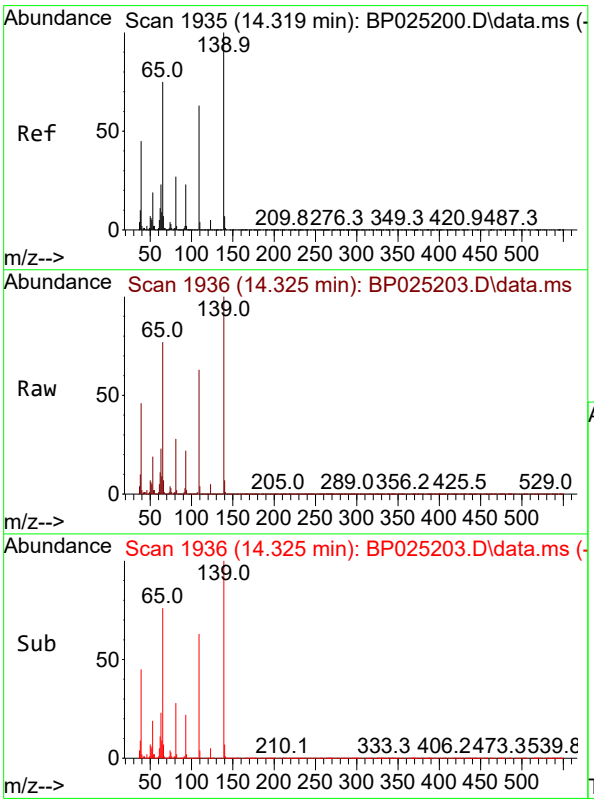
Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.7	43.1
169	14.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

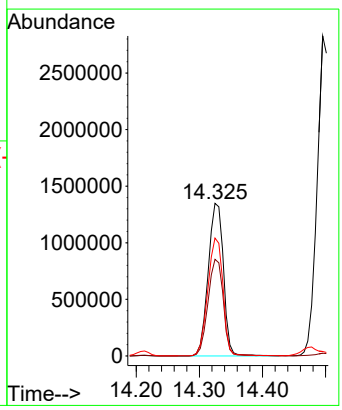
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

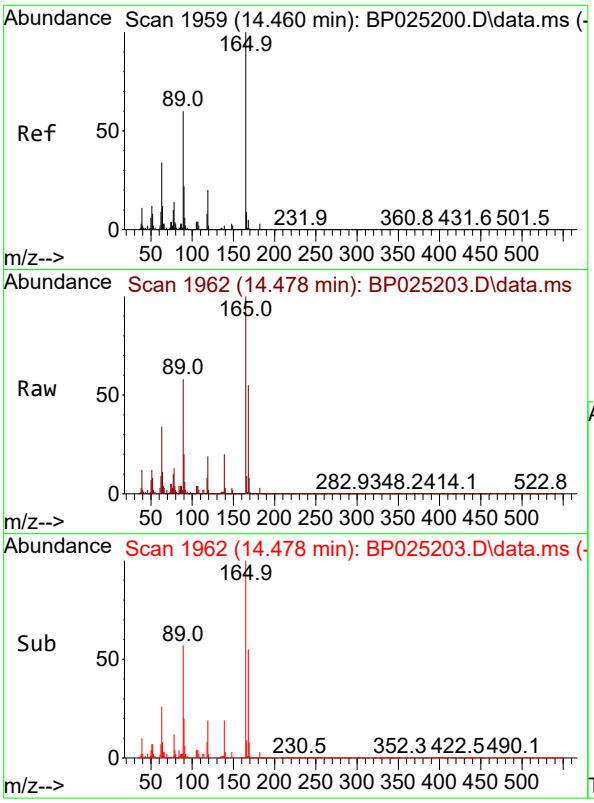


#56
4-Nitrophenol
Concen: 80.237 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2263623

Ion	Ratio	Lower	Upper
139	100		
109	63.3	42.6	82.6
65	77.3	55.4	95.4

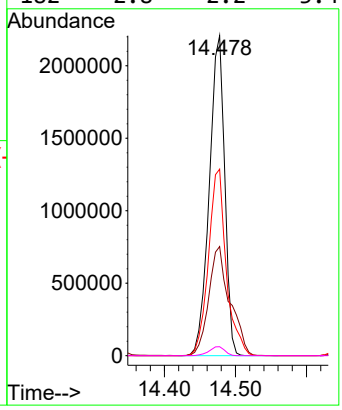




#57
2,4-Dinitrotoluene
Concen: 81.257 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 332146

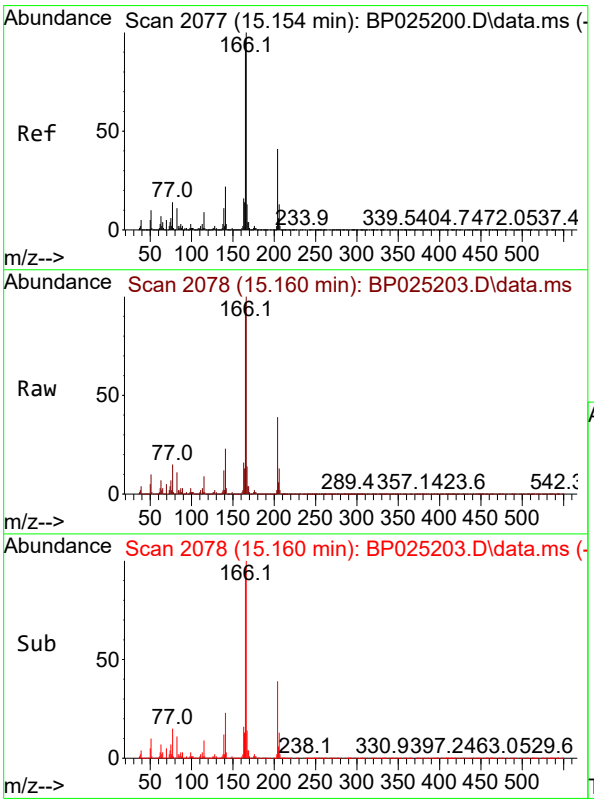
Ion	Ratio	Lower	Upper
165	100		
63	34.1	27.0	40.4
89	58.3	47.8	71.6
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

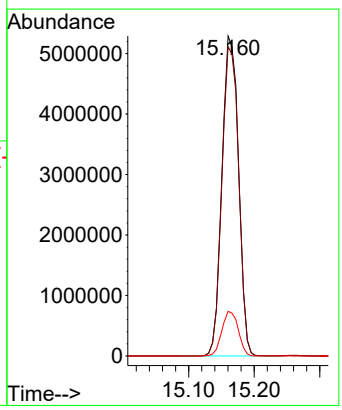
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

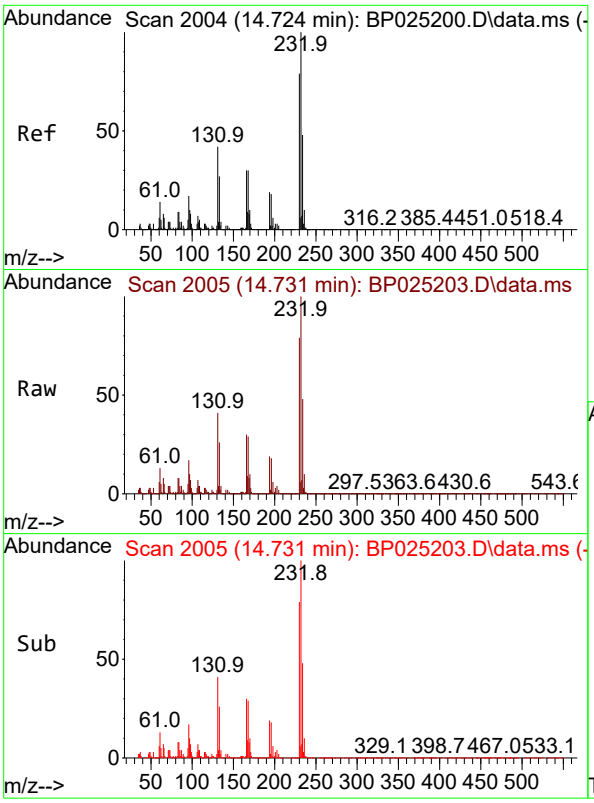


#58
Fluorene
Concen: 69.887 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:166 Resp: 9278378

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	13.9	10.7	16.1

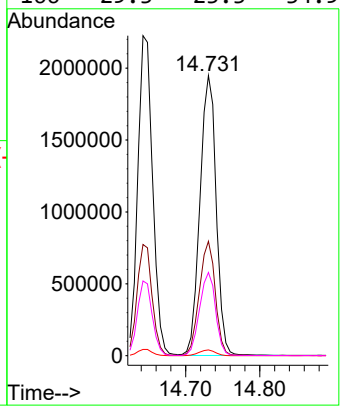




#59
2,3,4,6-Tetrachlorophenol
Concen: 78.074 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:232 Resp: 296133

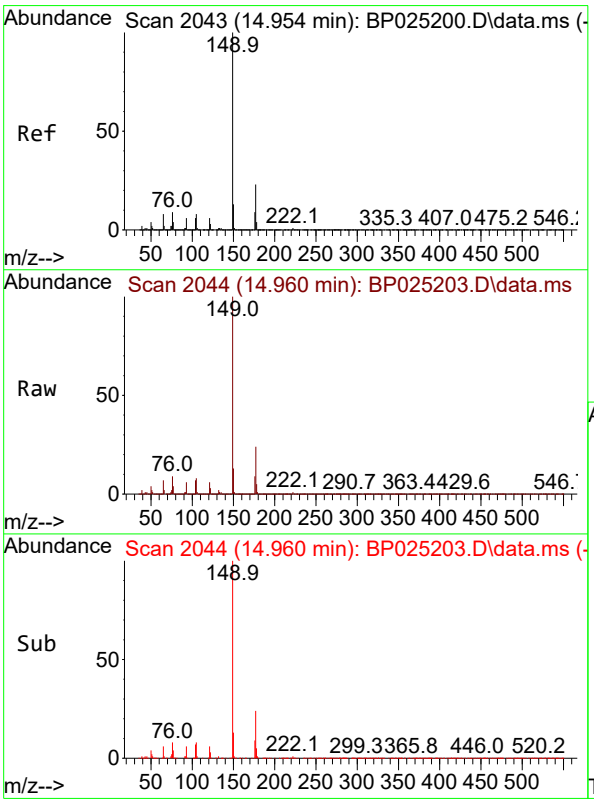
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

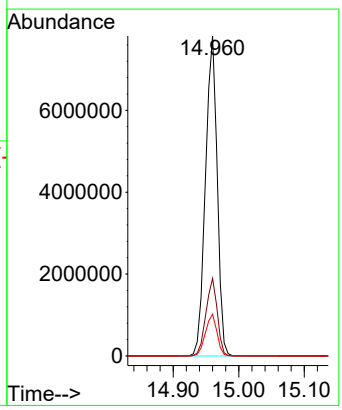
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

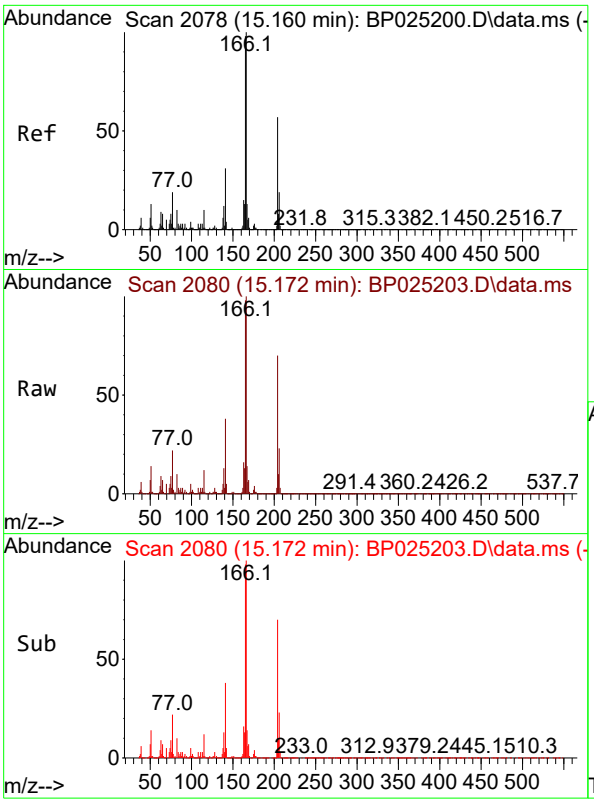


#60
Diethylphthalate
Concen: 71.116 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 9739656

Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.4	27.6
150	13.1	10.0	15.0

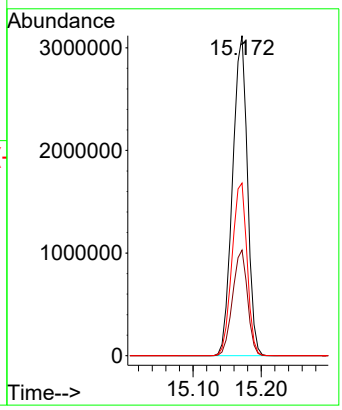




#61
4-Chlorophenyl-phenylether
Concen: 70.690 ng
RT: 15.172 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:204 Resp: 473034

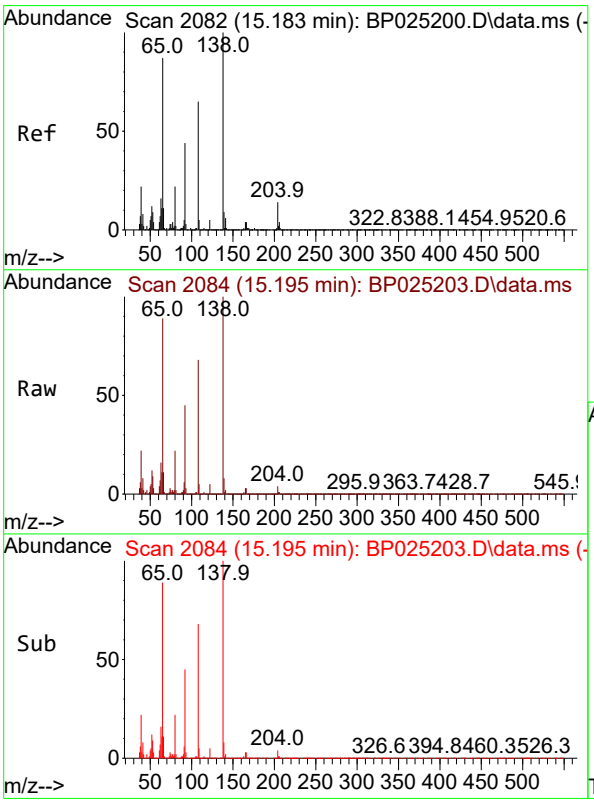
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.0	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

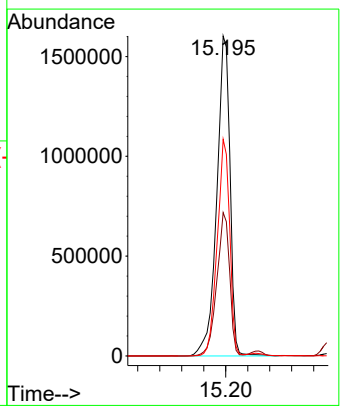
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

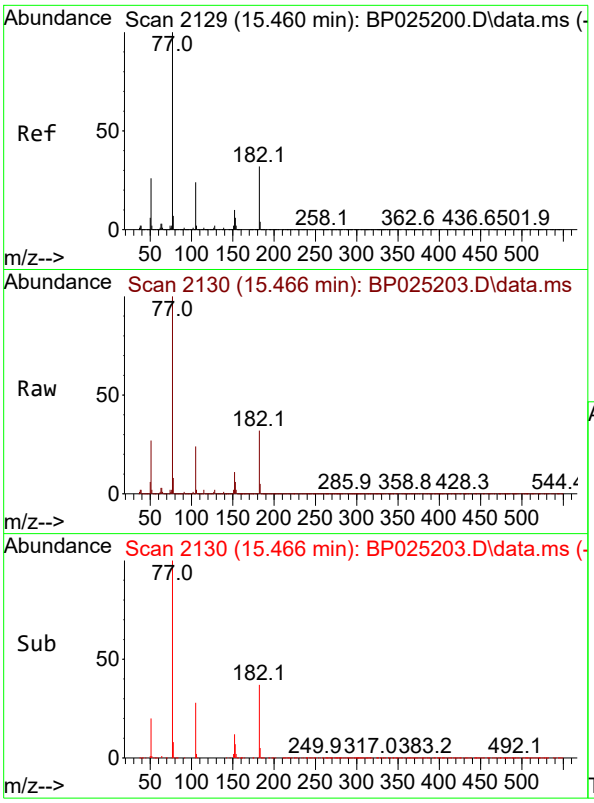


#62
4-Nitroaniline
Concen: 79.596 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 2685203

Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.0	64.0
108	67.7	44.9	84.9

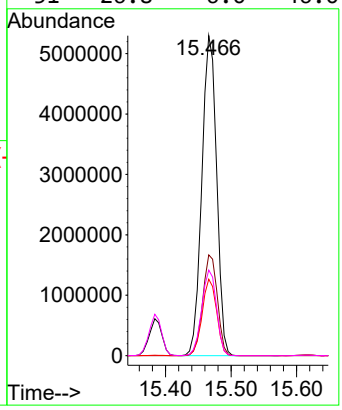




#63
Azobenzene
Concen: 75.626 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 831971

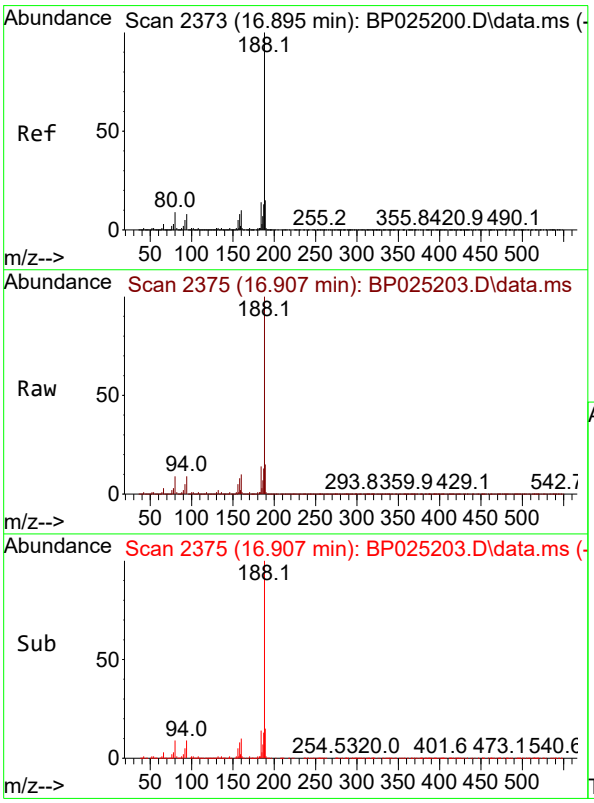
Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.0	52.0
105	23.9	3.6	43.6
51	26.8	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

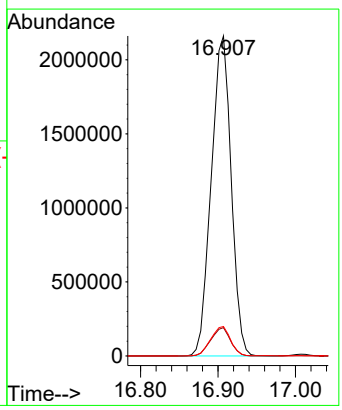
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

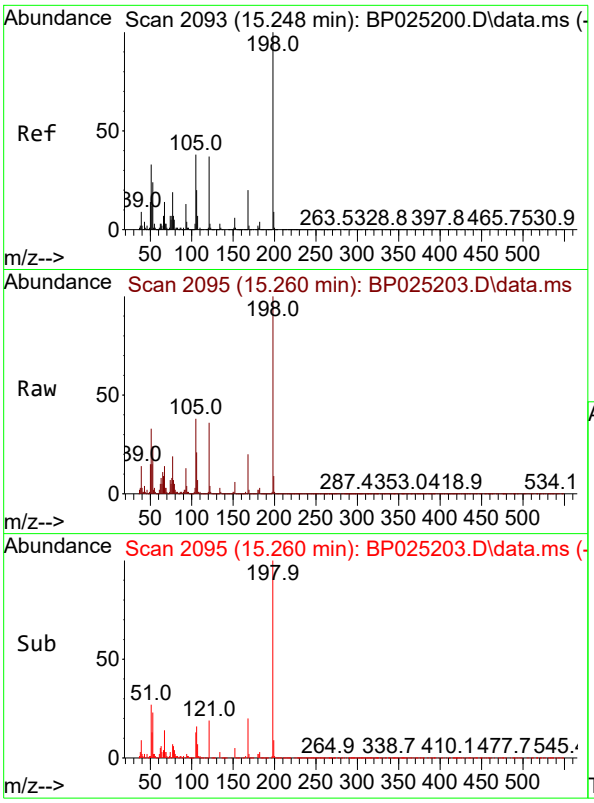


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:188 Resp: 3857742

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.2	7.3	10.9

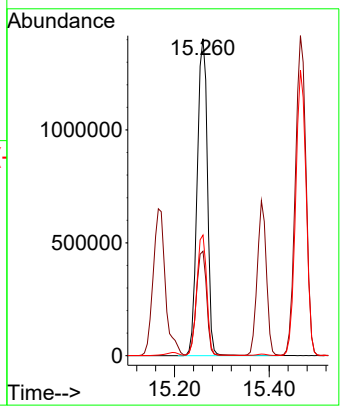




#65
4,6-Dinitro-2-methylphenol
Concen: 86.660 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

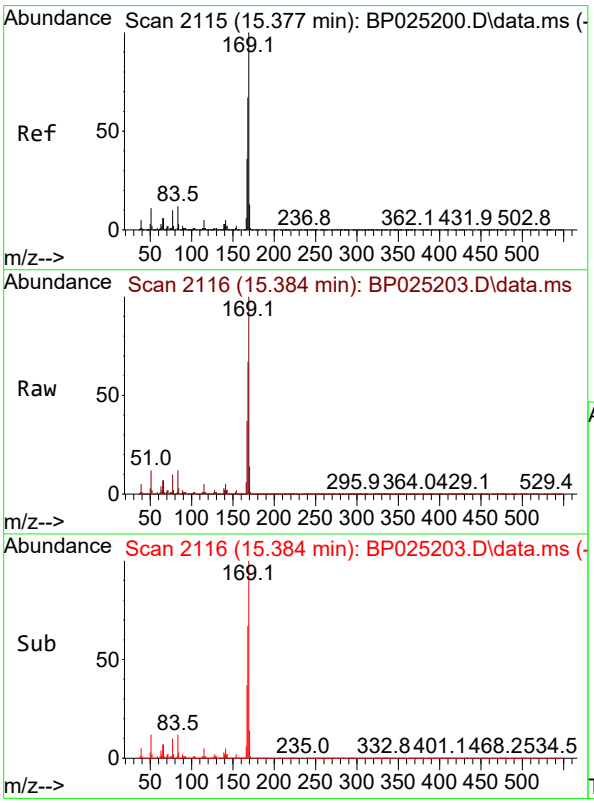
Tgt Ion:198 Resp: 209293

Ion	Ratio	Lower	Upper
198	100		
51	33.0	14.6	54.6
105	38.1	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

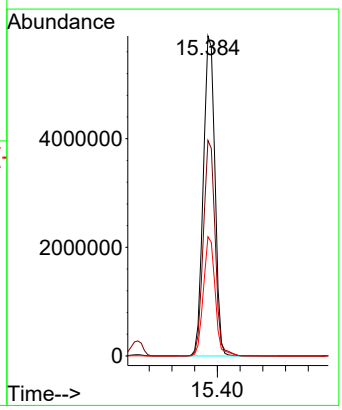
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

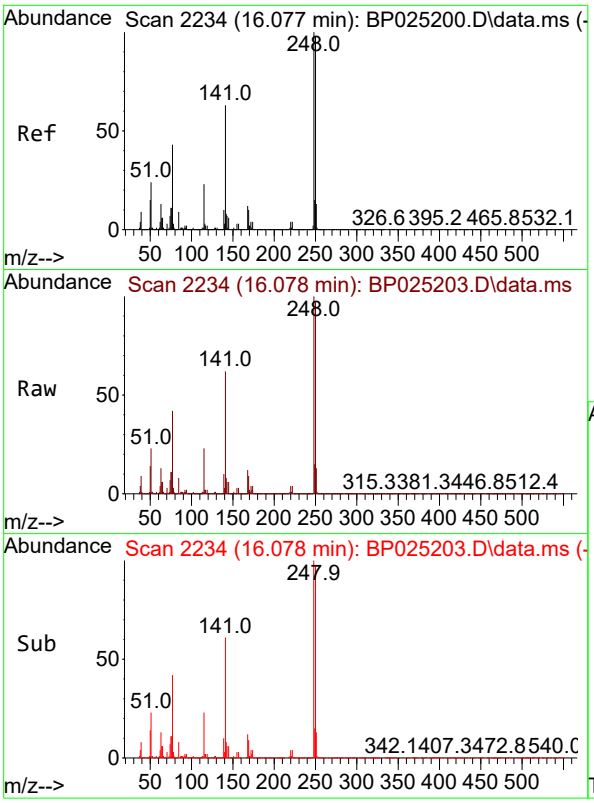


#66
n-Nitrosodiphenylamine
Concen: 69.242 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:169 Resp: 8318929

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.2	29.0	43.6

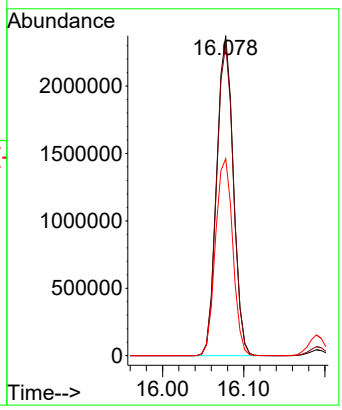




#67
4-Bromophenyl-phenylether
Concen: 74.593 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:248 Resp: 339284

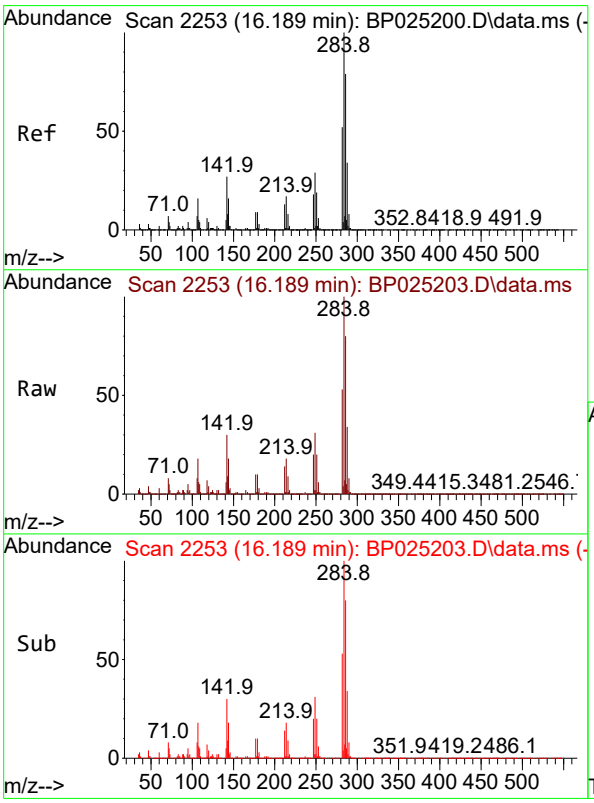
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	61.5	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

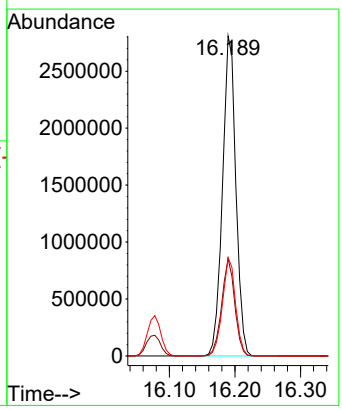
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

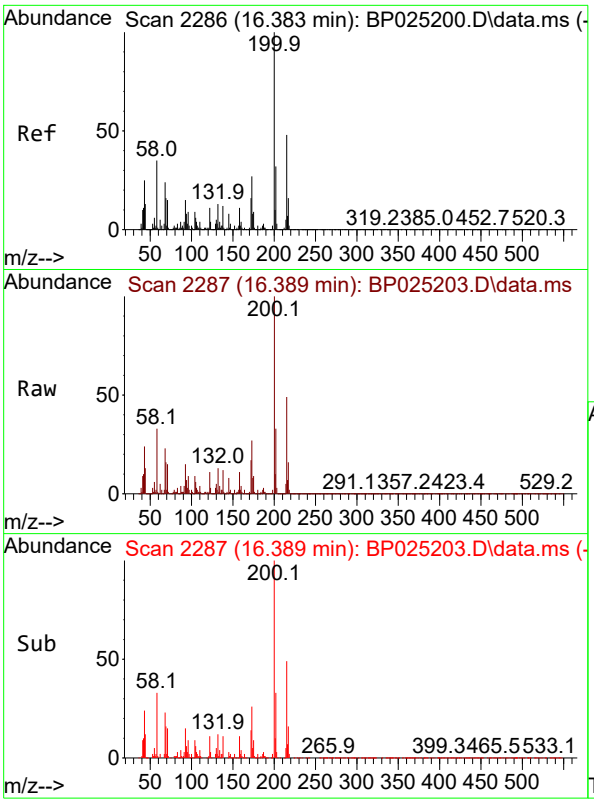


#68
Hexachlorobenzene
Concen: 72.885 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:284 Resp: 3958634

Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.5	32.3
249	30.7	23.4	35.0

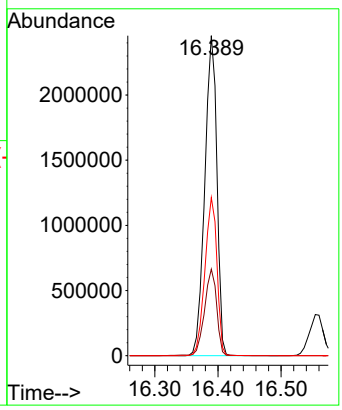




#69
Atrazine
Concen: 74.592 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:200 Resp: 326648

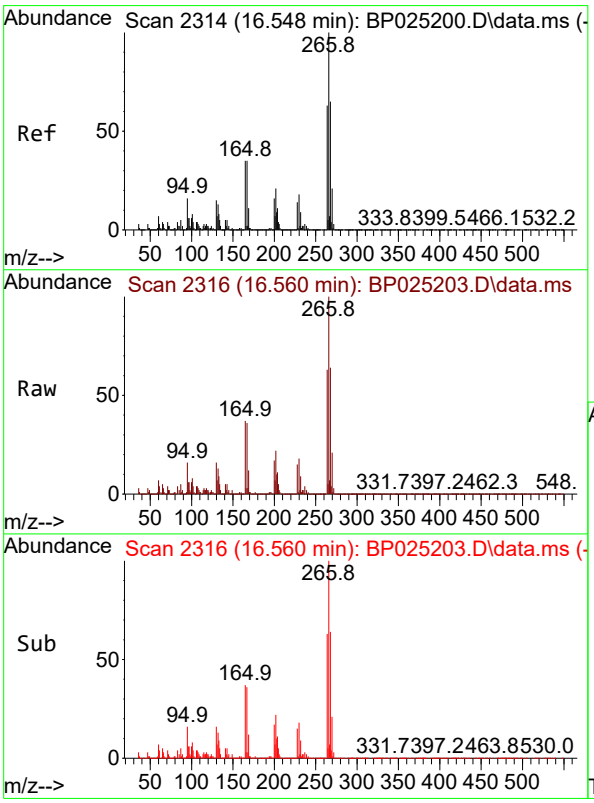
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	49.4	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

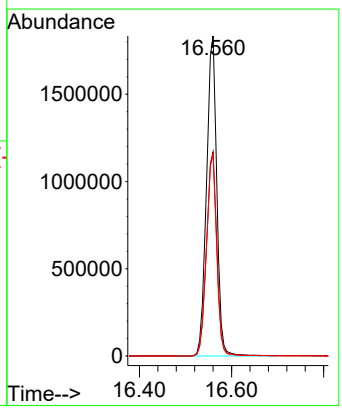
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

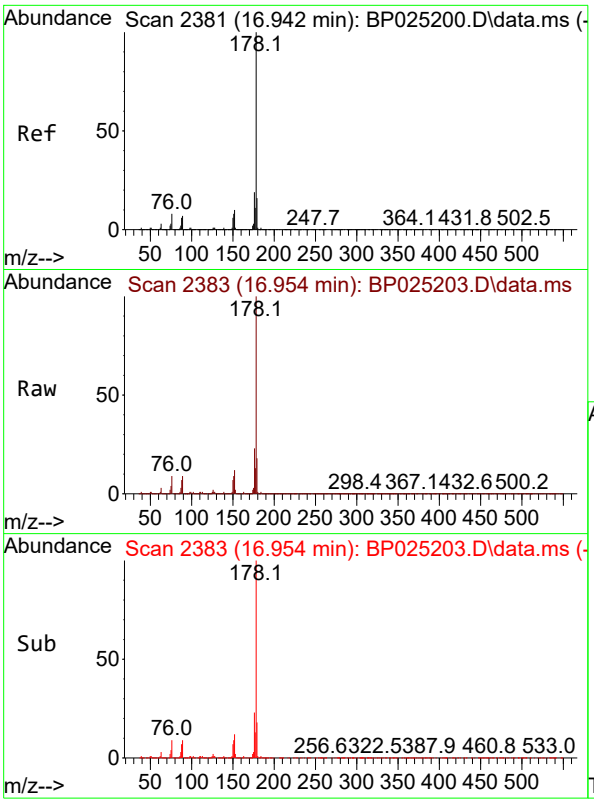


#70
Pentachlorophenol
Concen: 78.904 ng
RT: 16.560 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:266 Resp: 2852574

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.8	77.6
264	63.0	50.3	75.5

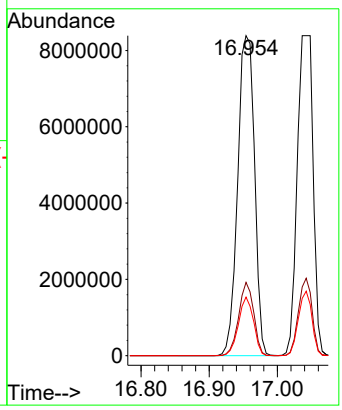




#71
Phenanthrene
Concen: 66.900 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:1438018

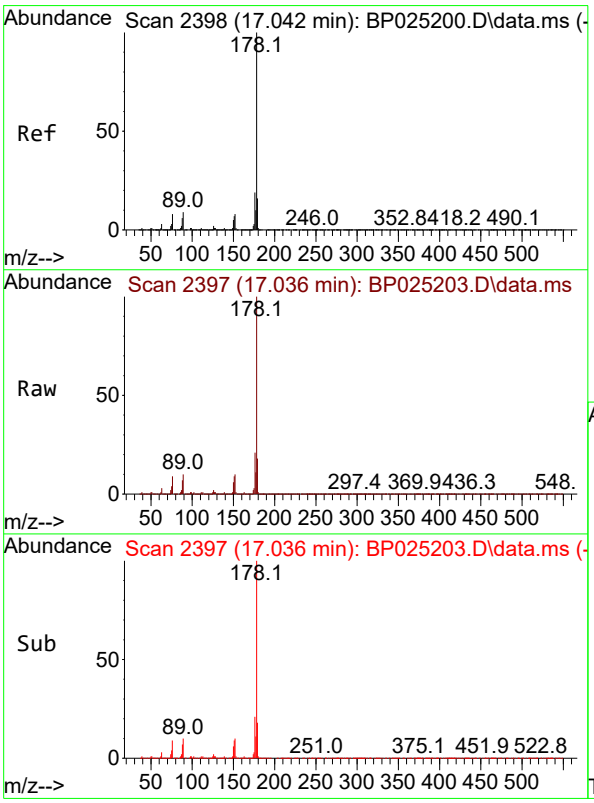
Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.6	23.4
179	18.3	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

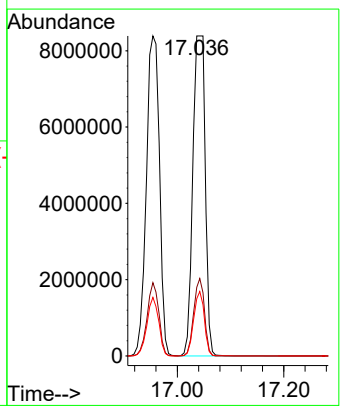
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

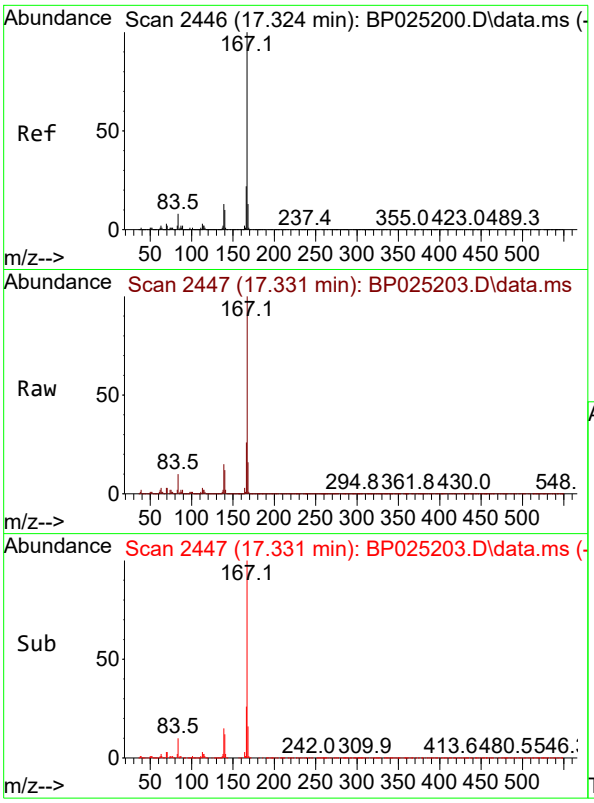


#72
Anthracene
Concen: 62.578 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:13655221

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	17.9	12.5	18.7

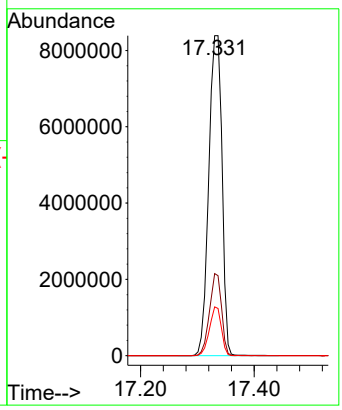




#73
Carbazole
Concen: 65.036 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:167 Resp:1350296

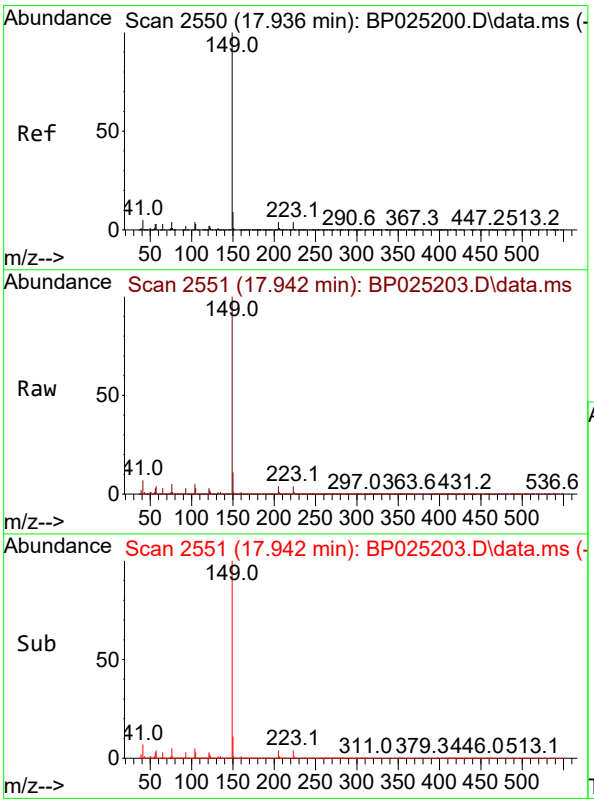
Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.3	25.9
139	15.2	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

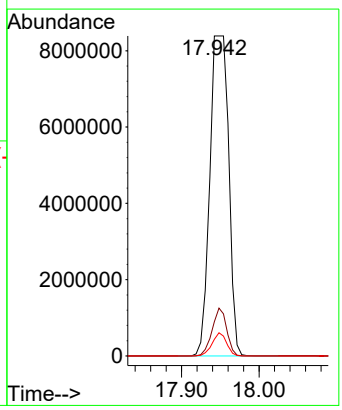
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

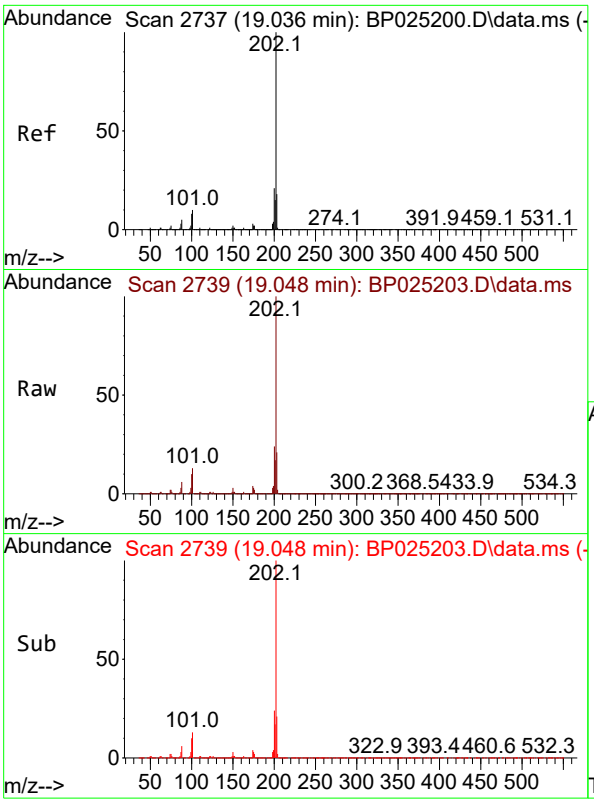


#74
Di-n-butylphthalate
Concen: 58.482 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:14237898

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.6	11.4
104	5.2	3.5	5.3

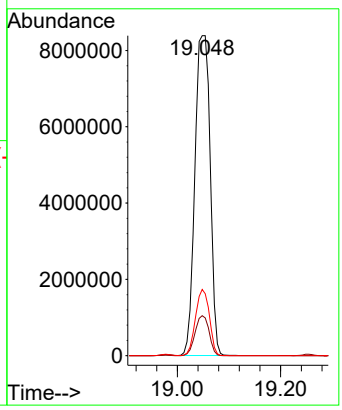




#75
Fluoranthene
Concen: 67.620 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:1718575

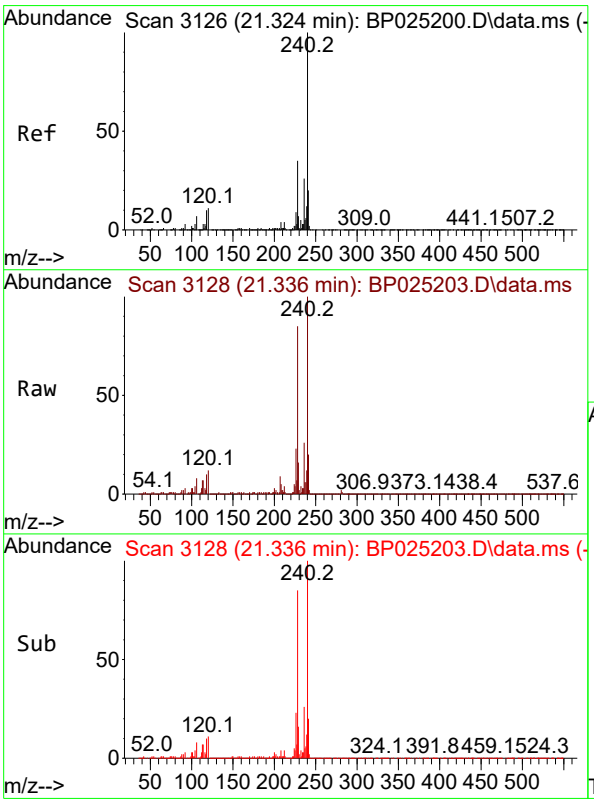
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
203	20.7	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

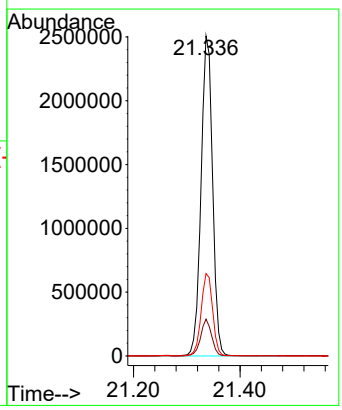
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

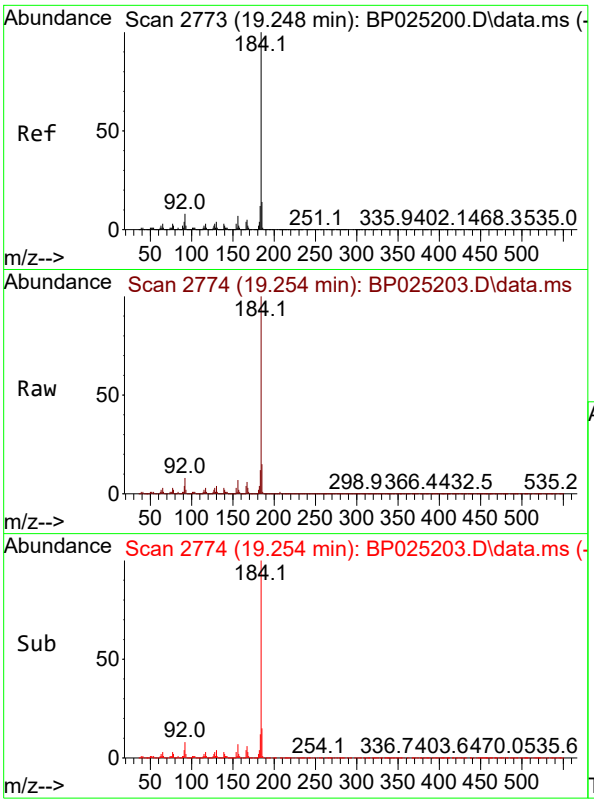


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:240 Resp: 3752201

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.8	20.9	31.3

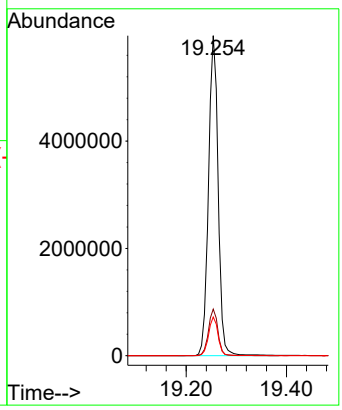




#77
Benzidine
Concen: 55.646 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 797572

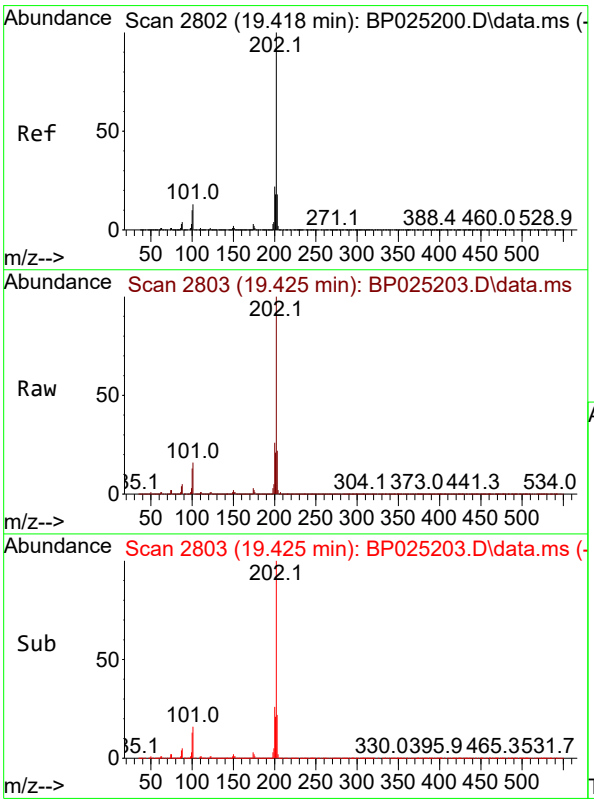
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	12.1	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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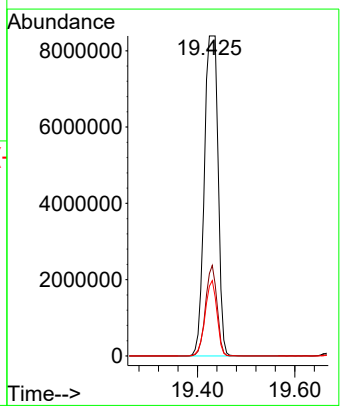
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

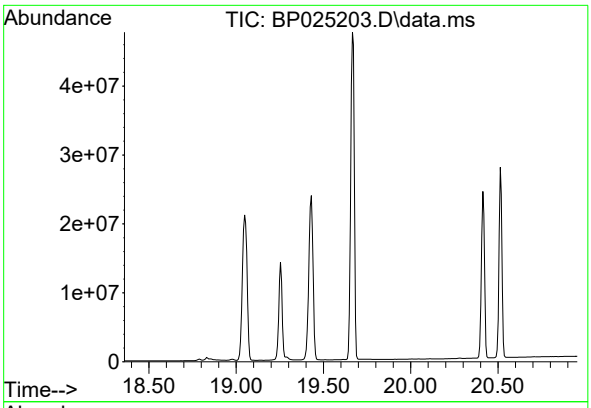


#78
Pyrene
Concen: 68.613 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:16361302

Ion	Ratio	Lower	Upper
202	100		
200	25.8	17.4	26.2
203	21.8	14.3	21.5#





#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

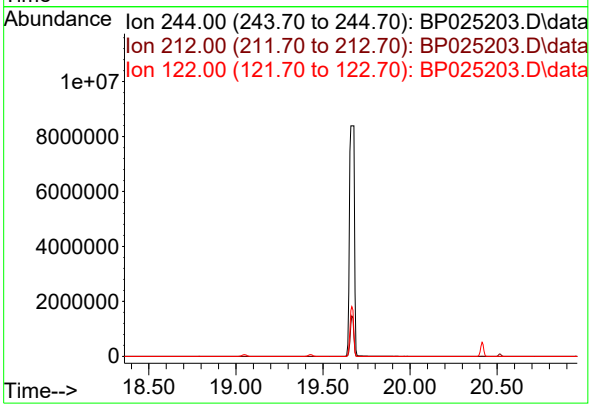
Tgt Ion: 244

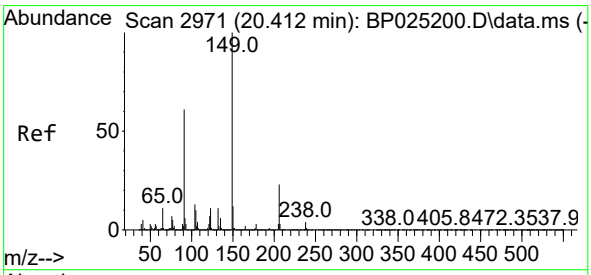
Sig	Exp Ratio
244	100
212	8.2
122	12.9

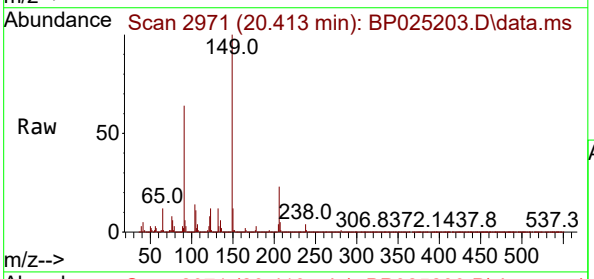
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

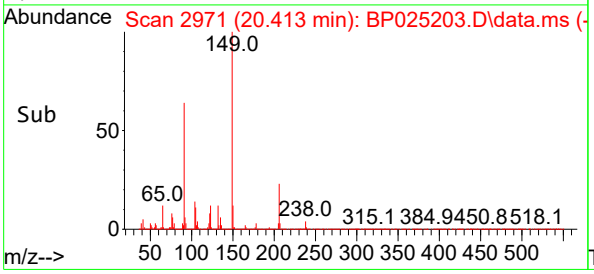
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Reviewed By :Rahul Chavli 07/22/2025
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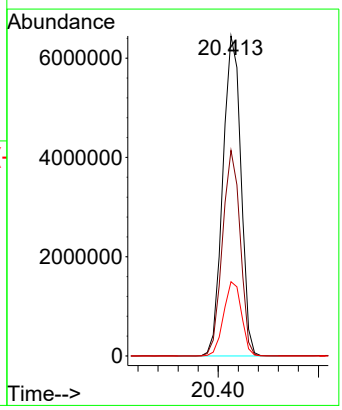


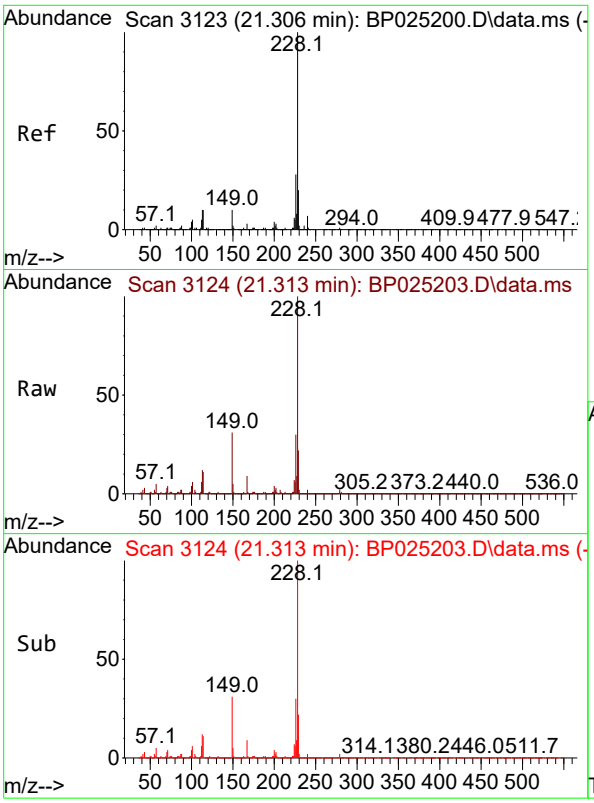


#80
Butylbenzylphthalate
Concen: 76.566 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 8056925

Ion	Ratio	Lower	Upper
149	100		
91	64.3	48.8	73.2
206	23.2	18.4	27.6

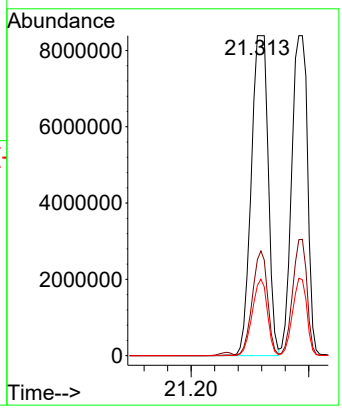




#81
Benzo(a)anthracene
Concen: 68.598 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1674208

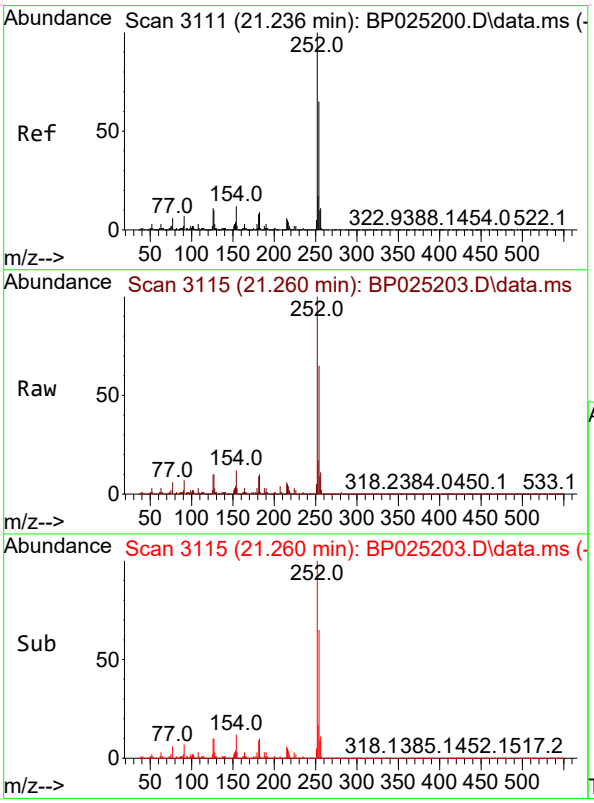
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	21.9	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

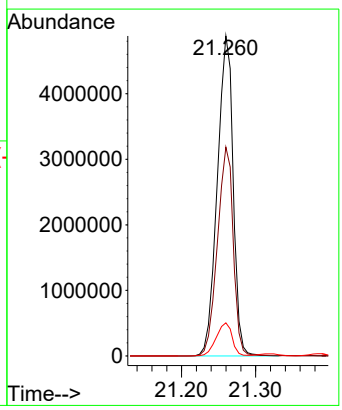
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

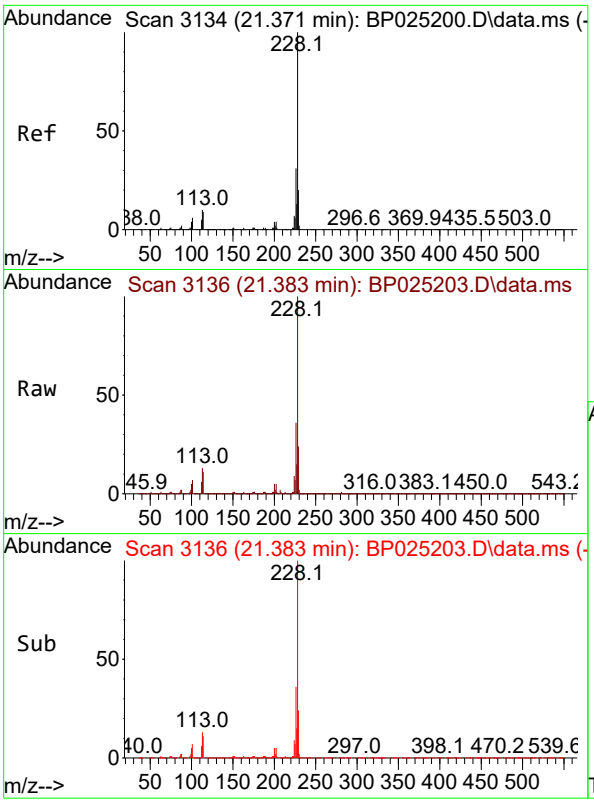


#82
3,3'-Dichlorobenzidine
Concen: 72.426 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp: 7248237

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.4	8.6	12.8

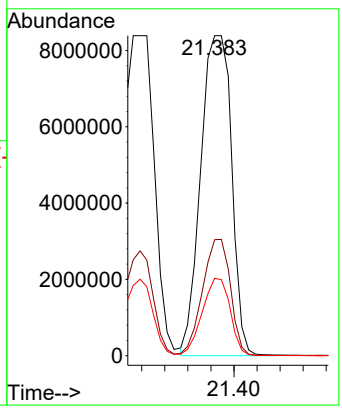




#83
Chrysene
Concen: 68.604 ng m
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1561434

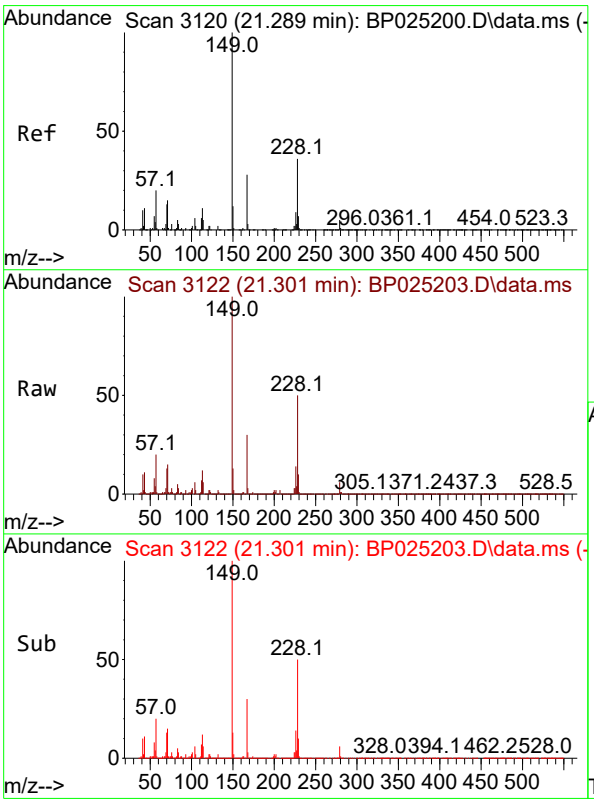
Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.6	37.0
229	24.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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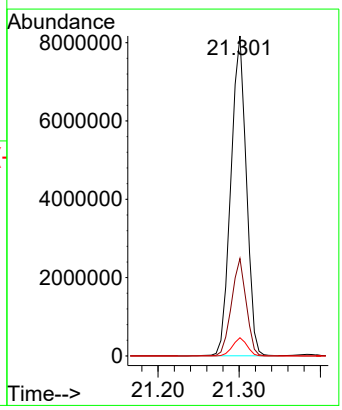
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

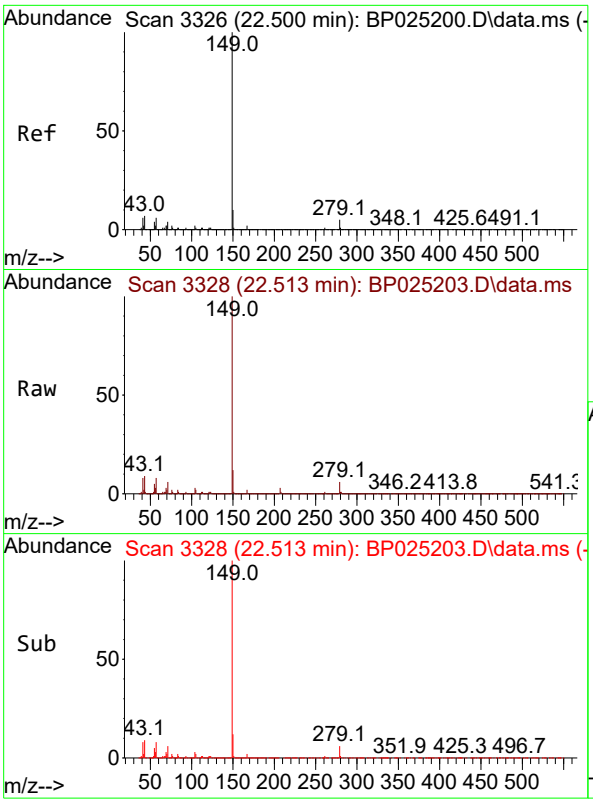


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.360 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:10793960

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.6	34.0
279	5.7	4.0	6.0

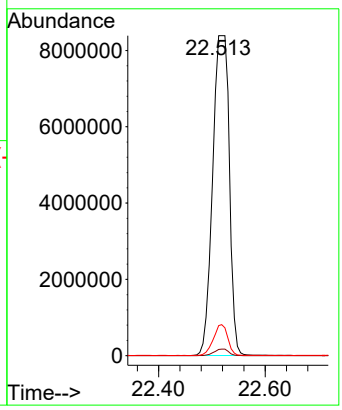




#85
Di-n-octyl phthalate
Concen: 68.160 ng
RT: 22.513 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:1822591

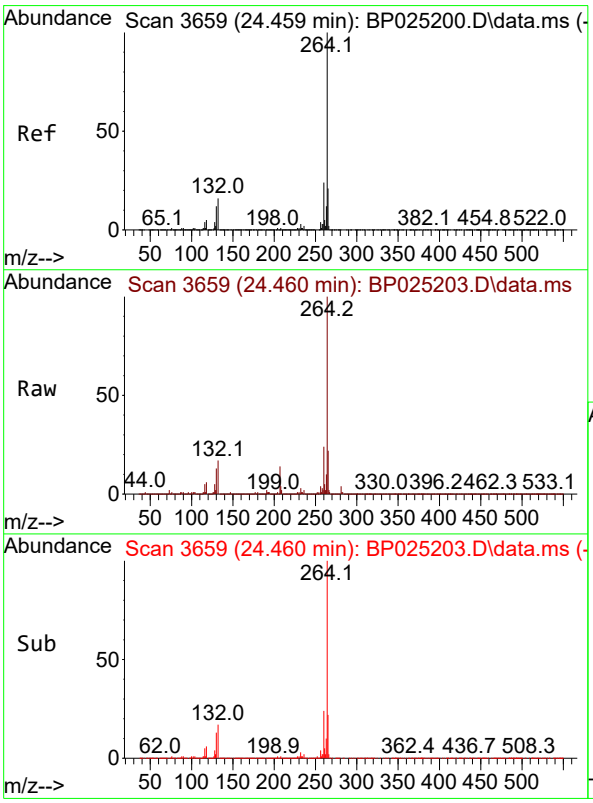
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.3	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

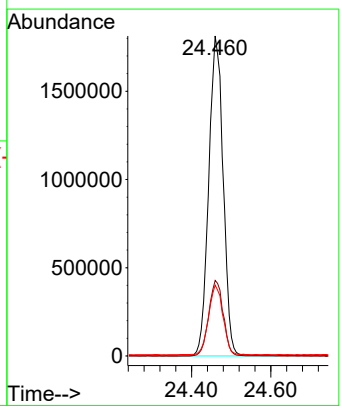
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

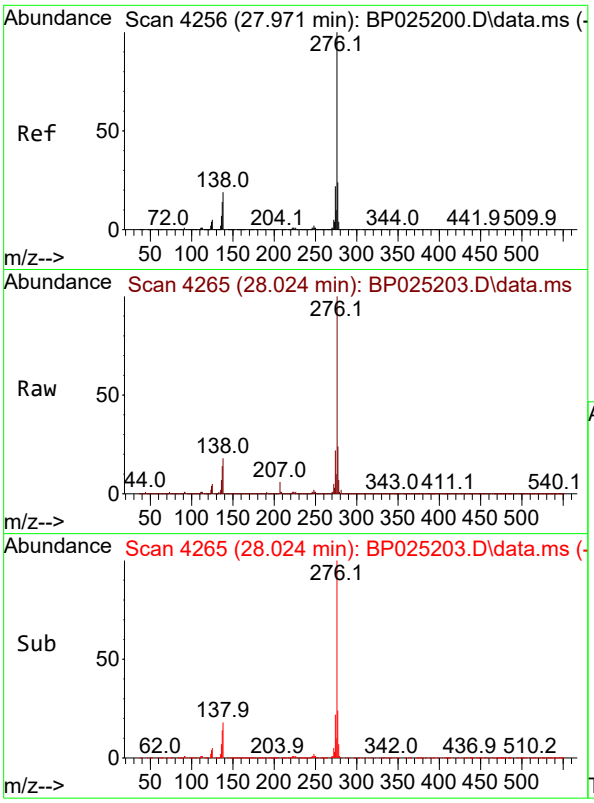


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:264 Resp: 4584448

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.1	17.5	26.3

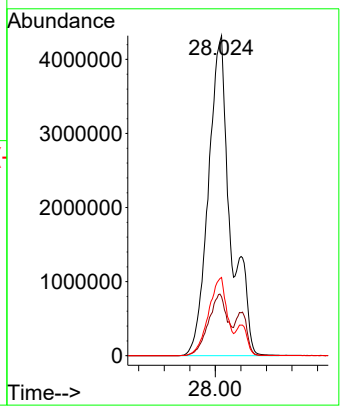




#87
Indeno(1,2,3-cd)pyrene
Concen: 77.120 ng m
RT: 28.024 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:2598946

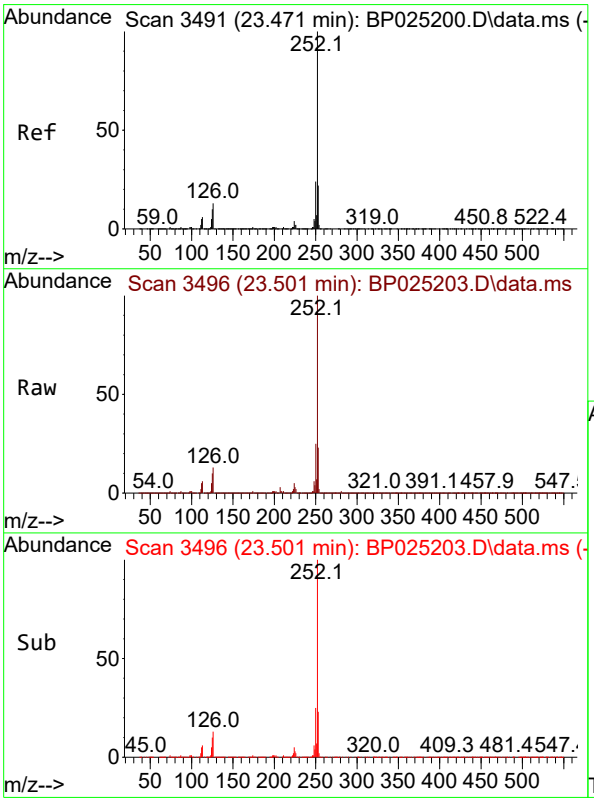
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.8	19.2
277	20.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

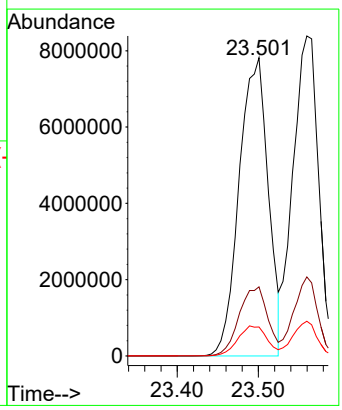
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

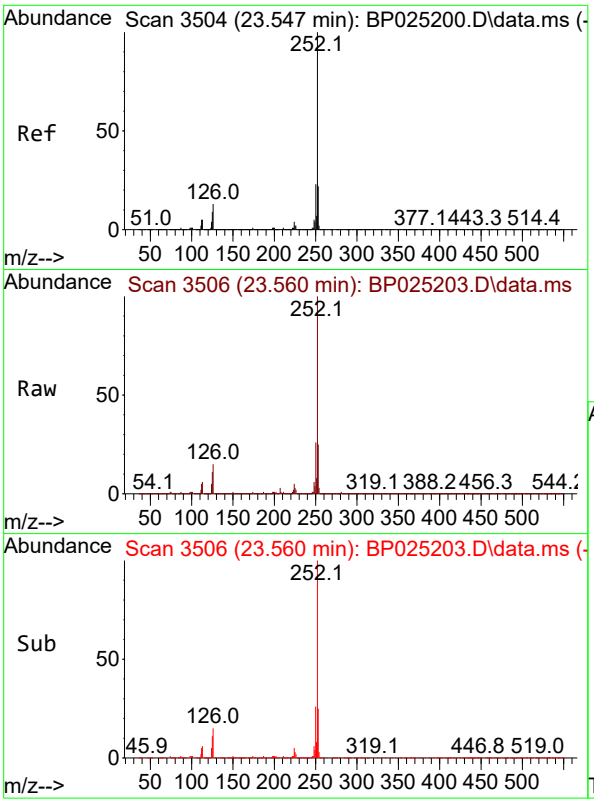


#88
Benzo(b)fluoranthene
Concen: 72.630 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19418416

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.7	7.8	11.8

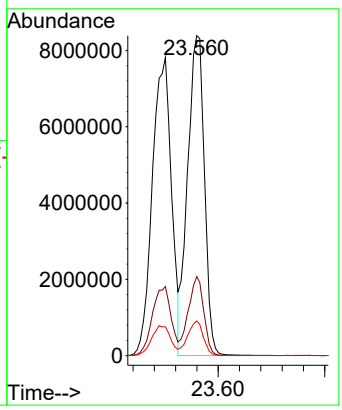




#89
Benzo(k)fluoranthene
Concen: 69.278 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:1838974

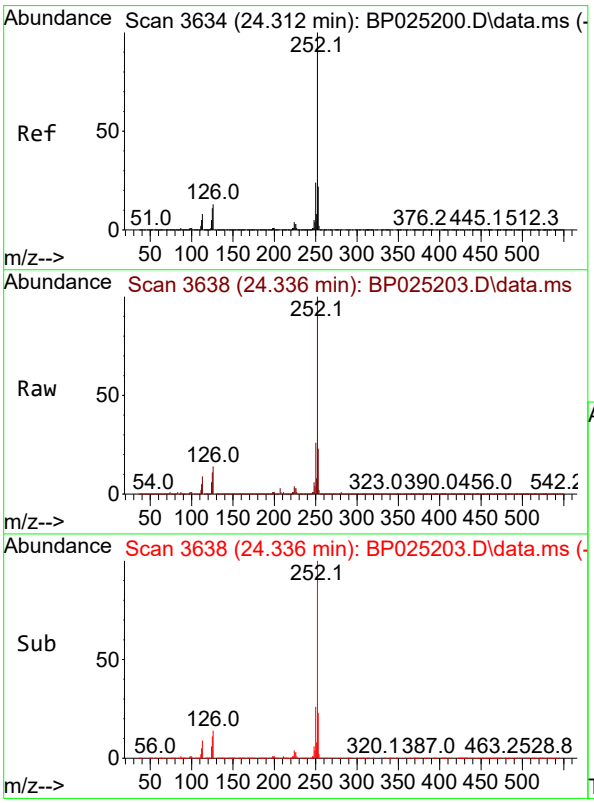
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	10.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

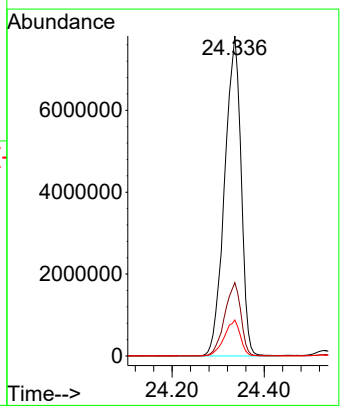
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

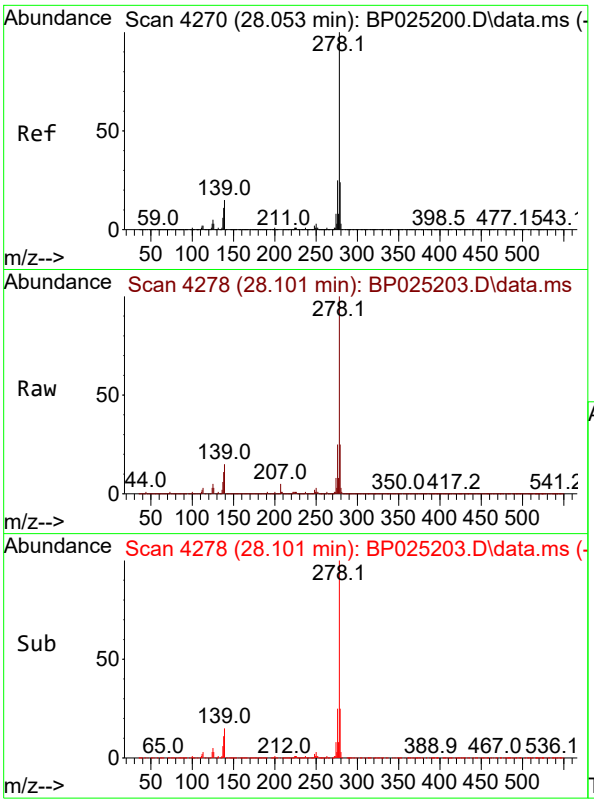


#90
Benzo(a)pyrene
Concen: 74.177 ng
RT: 24.336 min Scan# 3638
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19250934

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.3	8.6	12.8

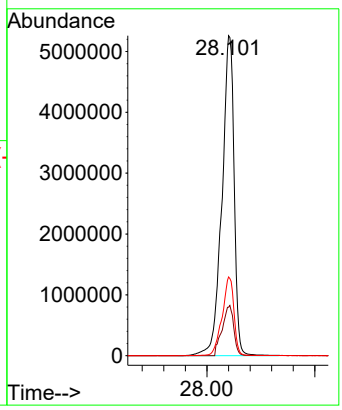




#91
Dibenzo(a,h)anthracene
Concen: 74.852 ng
RT: 28.101 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:278 Resp:2068657

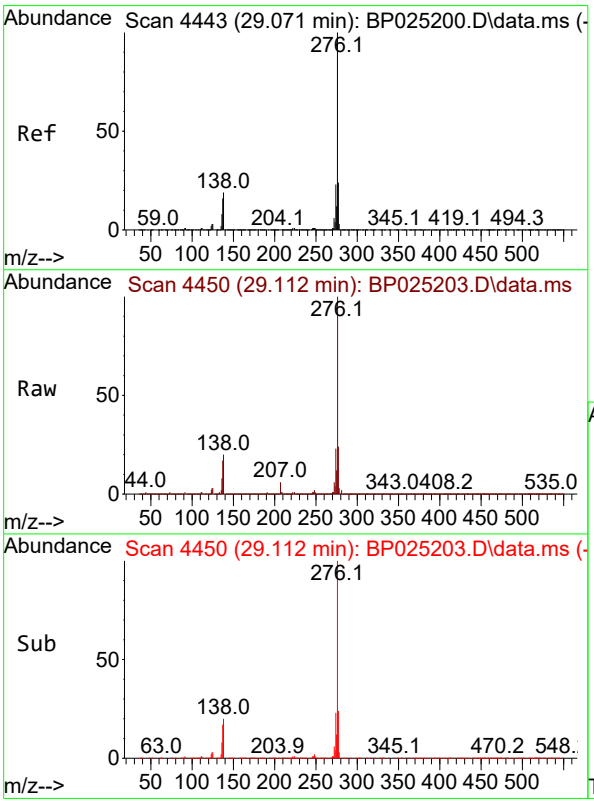
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	24.6	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

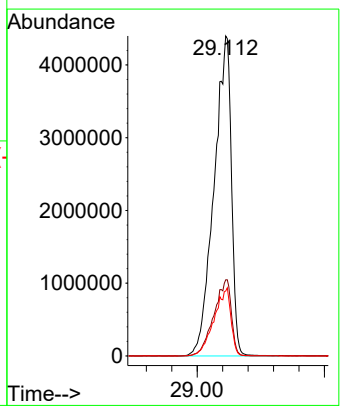
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 76.871 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.042 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:20810607

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.3	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	524940	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2104576	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1362526	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2724423	20.000	ng	0.00
76) Chrysene-d12	21.325	240	2909374	20.000	ng	0.00
86) Perylene-d12	24.454	264	3512838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2638101	84.913	ng	0.00
7) Phenol-d6	6.637	99	3268850	84.951	ng	0.00
23) Nitrobenzene-d5	8.561	82	3013470	79.573	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1738413	86.546	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7858078	81.308	ng	0.00
79) Terphenyl-d14	19.660	244	11572188	78.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	504115	43.294	ng	100
3) Pyridine	3.496	79	1412341	45.312	ng	99
4) n-Nitrosodimethylamine	3.408	42	559588	45.271	ng	99
6) Aniline	6.778	93	2258683	44.906	ng	100
8) 2-Chlorophenol	7.014	128	1592397	45.173	ng	99
9) Benzaldehyde	6.596	77	1084774	41.579	ng	100
10) Phenol	6.661	94	1791500	44.894	ng	98
11) bis(2-Chloroethyl)ether	6.878	93	1378085	45.044	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1775571	44.791	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1799506	44.972	ng	99
14) 1,2-Dichlorobenzene	7.772	146	1732981	45.020	ng	99
15) Benzyl Alcohol	7.672	79	1256245	45.260	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1759704	44.953	ng	98
17) 2-Methylphenol	7.878	107	1255605	45.385	ng	99
18) Hexachloroethane	8.484	117	622156	45.213	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	1056083	45.622	ng	99
20) 3+4-Methylphenols	8.196	107	1707787	45.254	ng	99
22) Acetophenone	8.243	105	2254711	46.041	ng	100
24) Nitrobenzene	8.608	77	1559201	46.187	ng	98
25) Isophorone	9.131	82	3018090	45.319	ng	100
26) 2-Nitrophenol	9.308	139	897017	46.272	ng	98
27) 2,4-Dimethylphenol	9.384	122	1483657	45.737	ng	100
28) bis(2-Chloroethoxy)met...	9.608	93	1895452	45.503	ng	99
29) 2,4-Dichlorophenol	9.831	162	1520412	45.622	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	1637469	44.986	ng	99
31) Naphthalene	10.219	128	4820314	44.759	ng	100
32) Benzoic acid	9.525	122	1168950	47.203	ng	98
33) 4-Chloroaniline	10.337	127	2150538	45.428	ng	99
34) Hexachlorobutadiene	10.525	225	972292	44.380	ng	98
35) Caprolactam	11.131	113	502072	45.393	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1529350	45.907	ng	99
37) 2-Methylnaphthalene	11.855	142	3102963	44.372	ng	100
38) 1-Methylnaphthalene	12.078	142	3312609	45.095	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1867529	45.726	ng	100
41) Hexachlorocyclopentadiene	12.219	237	1182850	48.517	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	1271588	45.567	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1384362	45.080	ng	99
46) 1,1'-Biphenyl	12.896	154	4485894	45.416	ng	100
47) 2-Chloronaphthalene	12.931	162	3474901	45.062	ng	100
48) 2-Nitroaniline	13.143	65	909354	46.176	ng	98
49) Acenaphthylene	13.796	152	5754979	46.141	ng	100
50) Dimethylphthalate	13.543	163	4360923	44.753	ng	99
51) 2,6-Dinitrotoluene	13.654	165	978826	46.230	ng	99
52) Acenaphthene	14.154	154	3282137	45.507	ng	99
53) 3-Nitroaniline	13.984	138	1096681	45.931	ng	96
54) 2,4-Dinitrophenol	14.196	184	586989	46.791	ng	98
55) Dibenzofuran	14.496	168	5343820	45.869	ng	99
56) 4-Nitrophenol	14.313	139	944675	46.237	ng	97
57) 2,4-Dinitrotoluene	14.460	165	1390893	46.930	ng	95
58) Fluorene	15.154	166	4240752	45.851	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1243197	45.744	ng	100
60) Diethylphthalate	14.948	149	4306867	44.844	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	2117148	45.300	ng	99
62) 4-Nitroaniline	15.178	138	1122038	46.208	ng	99
63) Azobenzene	15.454	77	3579445	45.735	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	820280	46.654	ng	100
66) n-Nitrosodiphenylamine	15.372	169	3726776	45.067	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1399658	44.020	ng	97
68) Hexachlorobenzene	16.190	284	1692331	44.819	ng	95
69) Atrazine	16.378	200	1395157	45.593	ng	98
70) Pentachlorophenol	16.543	266	1172182	45.651	ng	99
71) Phenanthrene	16.937	178	6708617	45.655	ng	100
72) Anthracene	17.042	178	6800703	45.942	ng	100
73) Carbazole	17.319	167	6461345	45.725	ng	100
74) Di-n-butylphthalate	17.937	149	7668085	47.030	ng	100
75) Fluoranthene	19.036	202	8016191	46.353	ng	100
77) Benzidine	19.254	184	5103974	49.969	ng	99
78) Pyrene	19.419	202	8280087	46.157	ng	99
80) Butylbenzylphthalate	20.407	149	3669353	45.188	ng	97
81) Benzo(a)anthracene	21.307	228	8225034	44.767	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	3492411	45.857	ng	99
83) Chrysene	21.372	228	7810320	45.539	ng	99
84) Bis(2-ethylhexyl)phtha...	21.289	149	5264917	45.344	ng	99
85) Di-n-octyl phthalate	22.501	149	9383339	46.799	ng	100
87) Indeno(1,2,3-cd)pyrene	27.983	276	11490241m	44.760	ng	
88) Benzo(b)fluoranthene	23.483	252	8937938	44.450	ng	100
89) Benzo(k)fluoranthene	23.548	252	8873357	44.700	ng	100
90) Benzo(a)pyrene	24.324	252	8836252	45.040	ng	100
91) Dibenzo(a,h)anthracene	28.054	278	9396843	44.867	ng	99
92) Benzo(g,h,i)perylene	29.077	276	9117542	44.298	ng	98

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

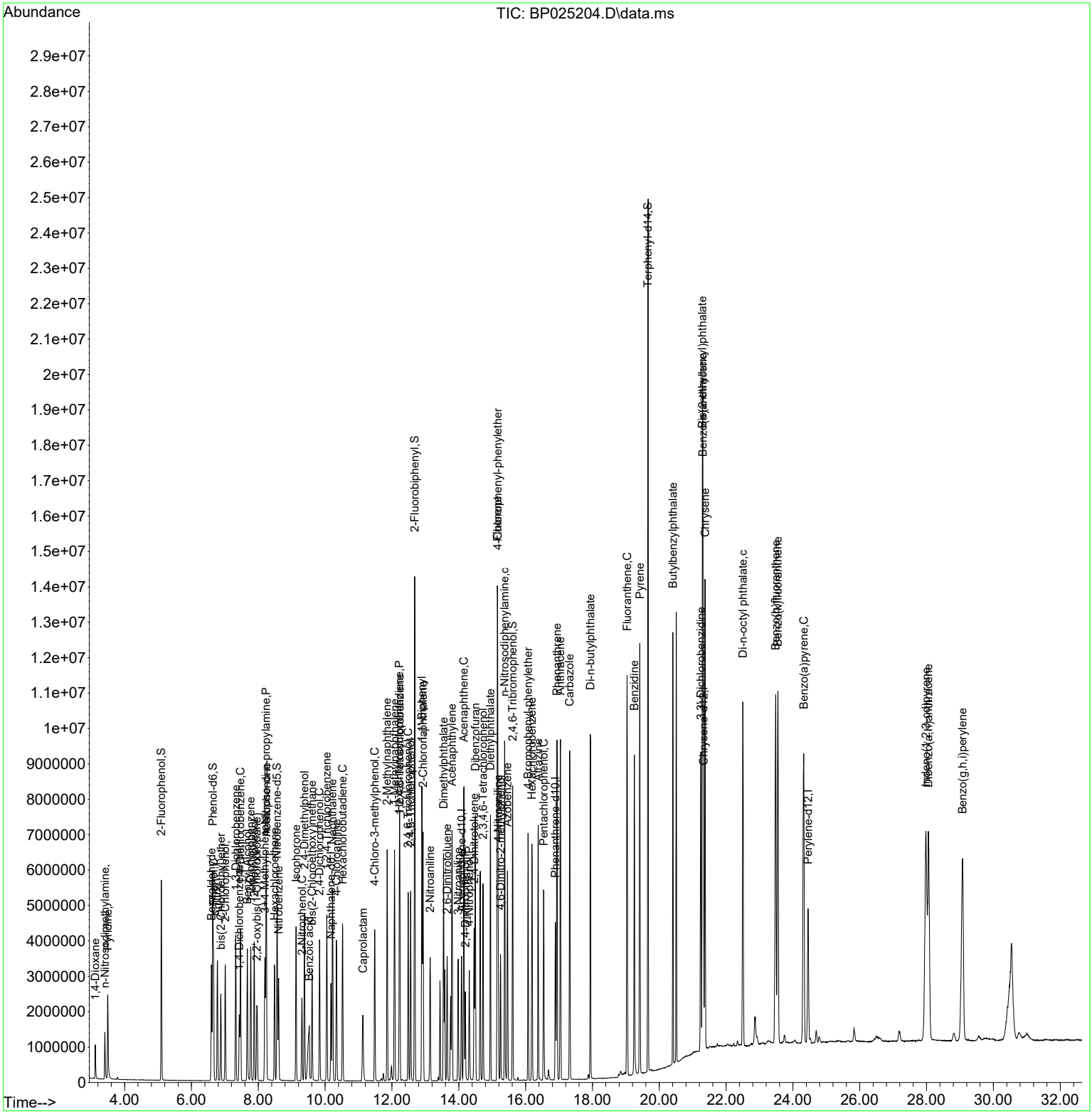
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Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

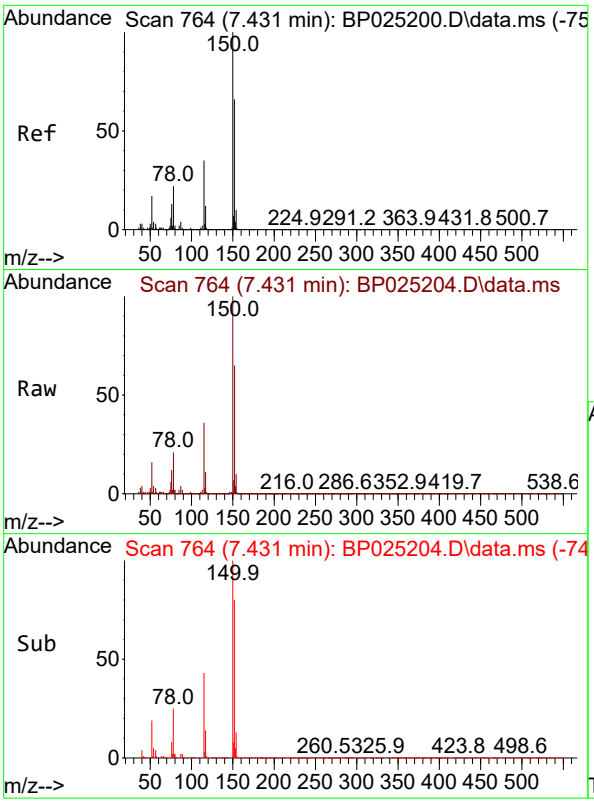
Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

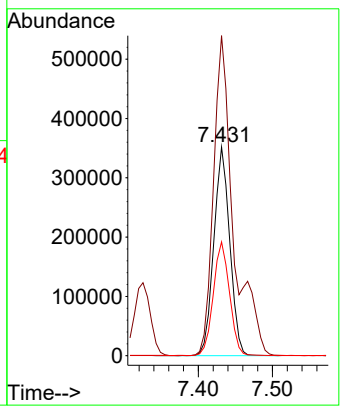




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 52494

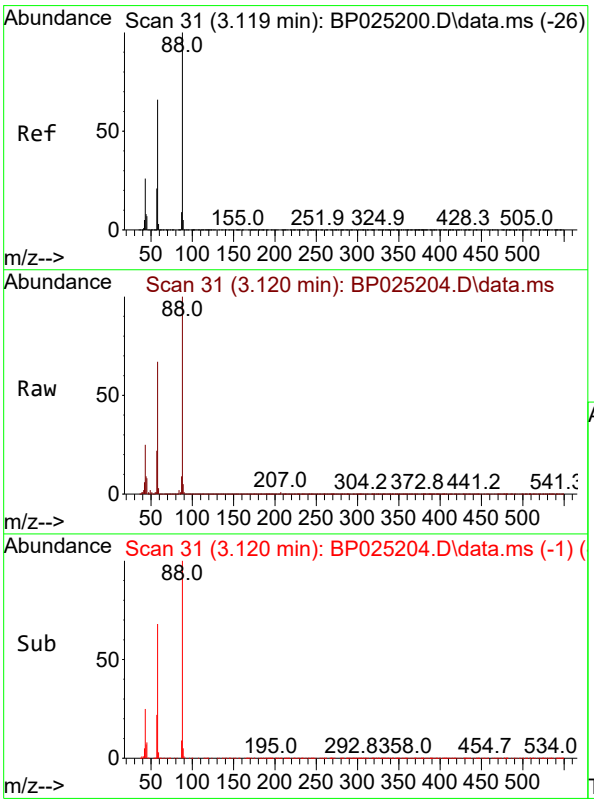
Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.5	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

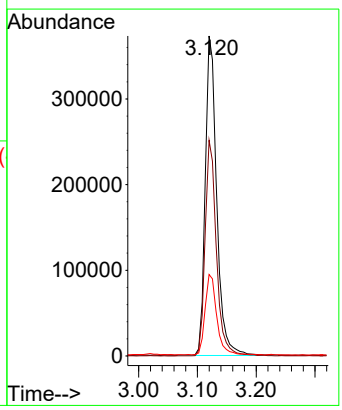
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

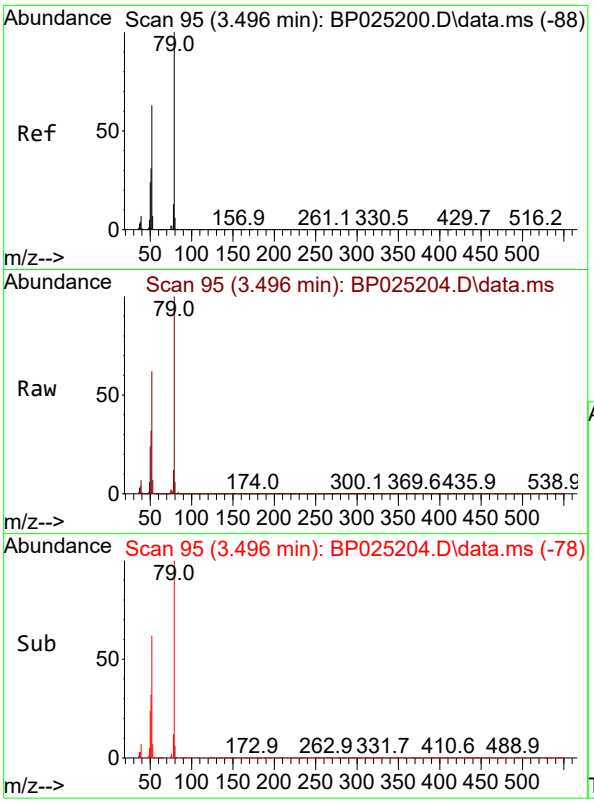


#2
1,4-Dioxane
Concen: 43.294 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 88 Resp: 504115

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	26.0	20.8	31.2

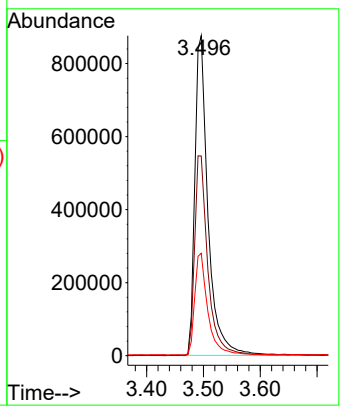




#3
Pyridine
Concen: 45.312 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 79 Resp: 141234

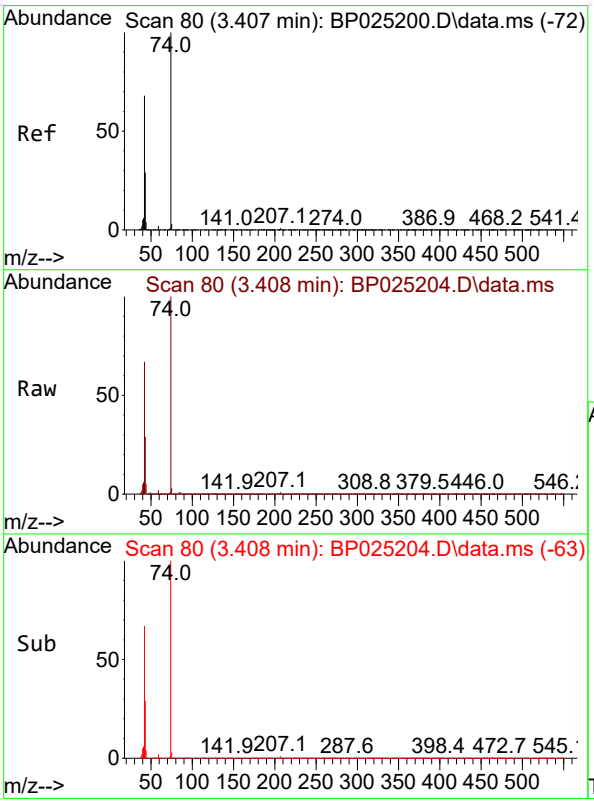
Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	32.0	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

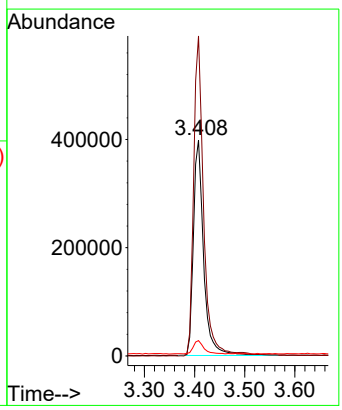
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

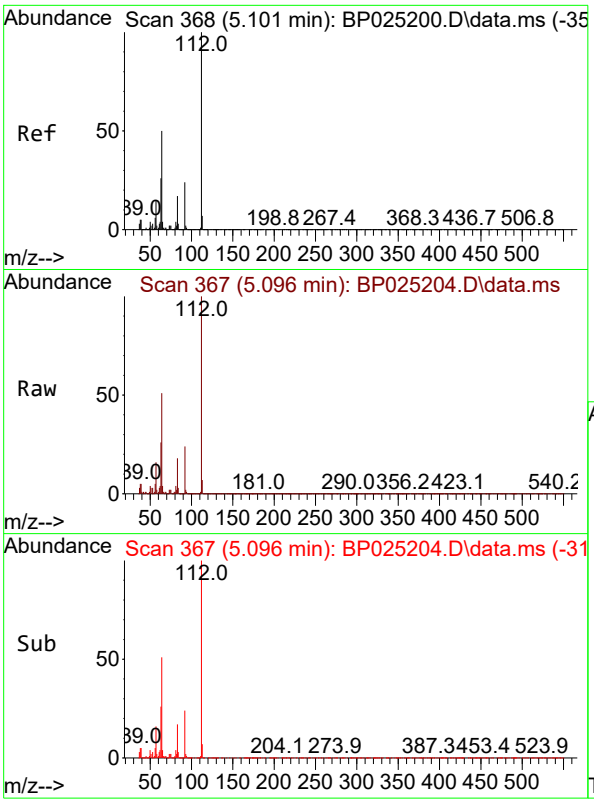


#4
n-Nitrosodimethylamine
Concen: 45.271 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 42 Resp: 559588

Ion	Ratio	Lower	Upper
42	100		
74	148.2	118.0	177.0
44	7.1	5.5	8.3

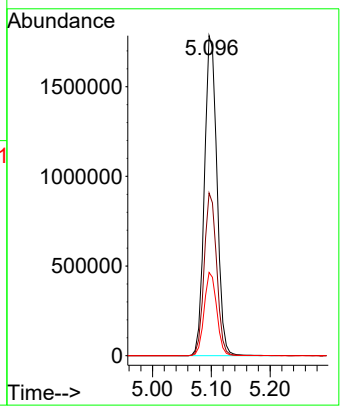




#5
2-Fluorophenol
Concen: 84.913 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:112 Resp: 263810

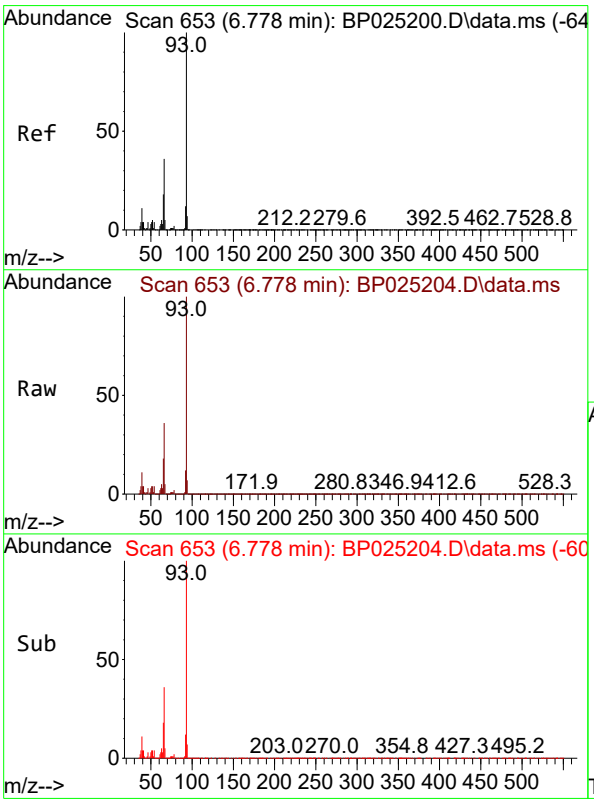
Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	26.0	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

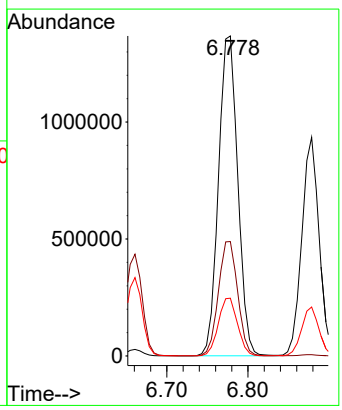
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

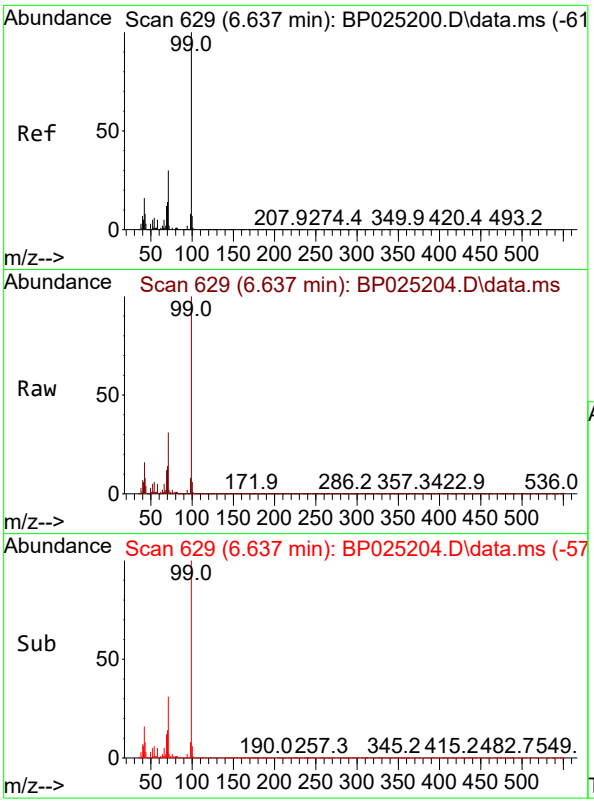


#6
Aniline
Concen: 44.906 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 2258683

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.0	14.6	21.8

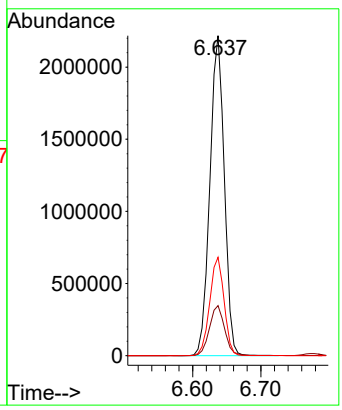




#7
Phenol-d6
Concen: 84.951 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 99 Resp: 326885

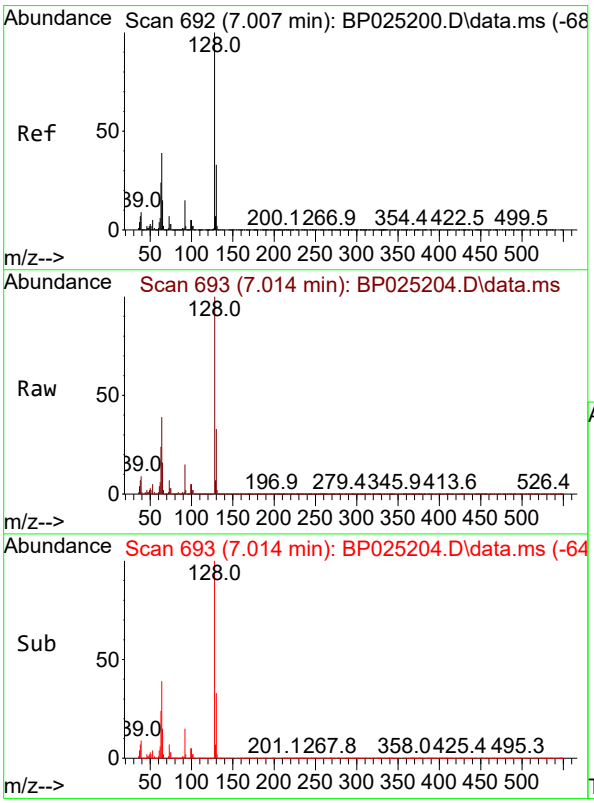
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.8	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

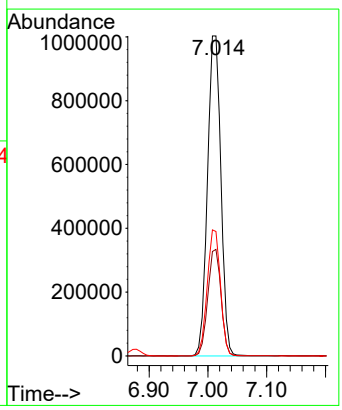
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

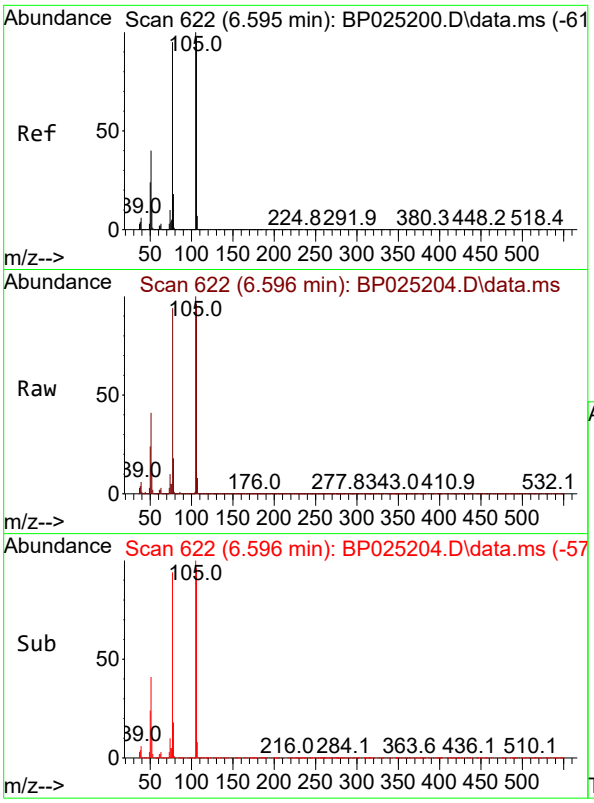


#8
2-Chlorophenol
Concen: 45.173 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 1592397

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	38.9	19.2	59.2

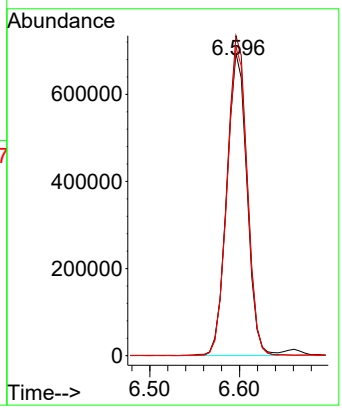




#9
Benzaldehyde
Concen: 41.579 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 108477

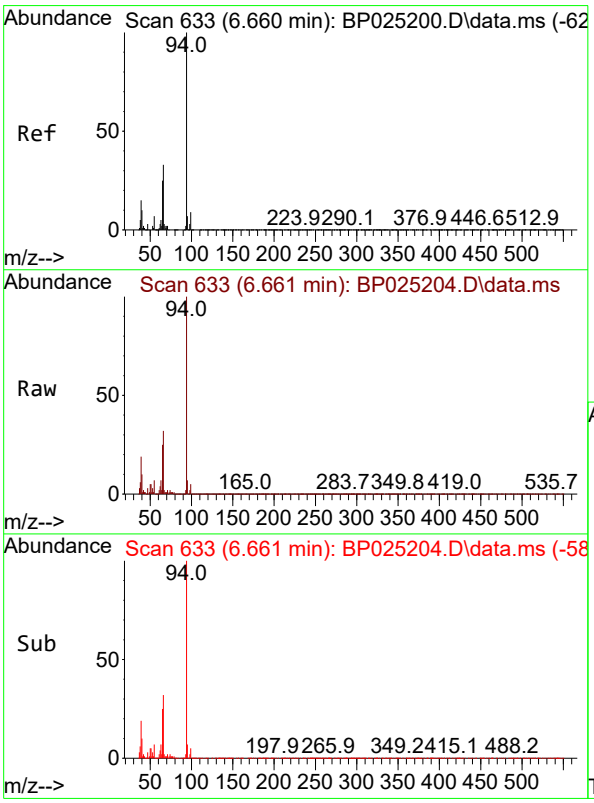
Ion	Ratio	Lower	Upper
77	100		
105	105.8	85.5	125.5
106	102.1	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

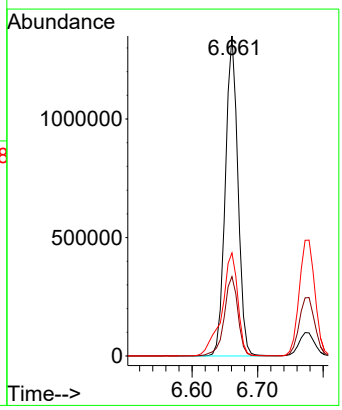
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

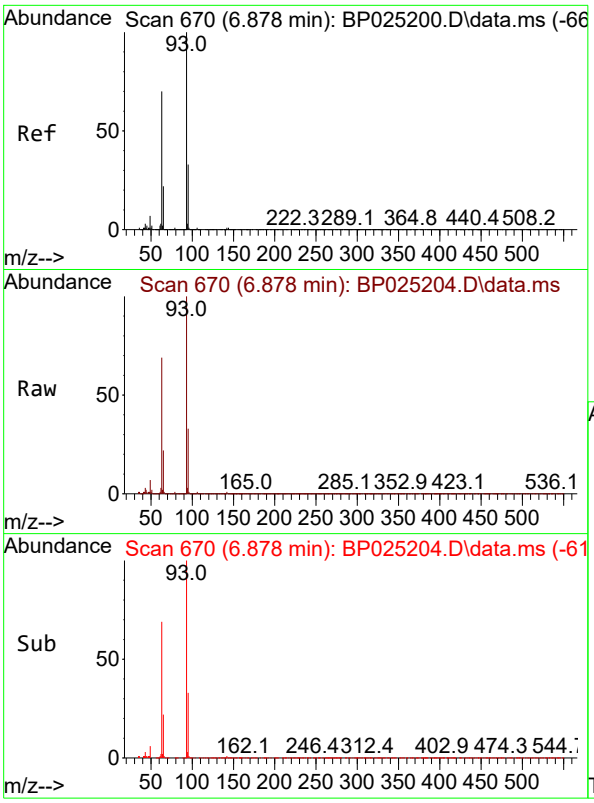


#10
Phenol
Concen: 44.894 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 94 Resp: 1791500

Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.4	45.4
66	32.2	13.5	53.5

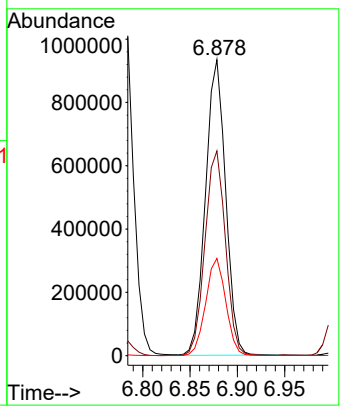




#11
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 137808

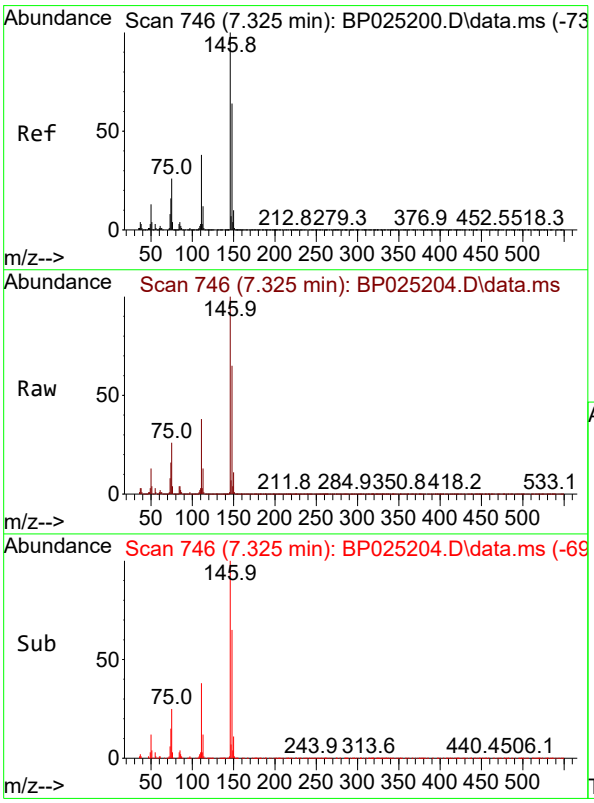
Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.0	90.0
95	32.9	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

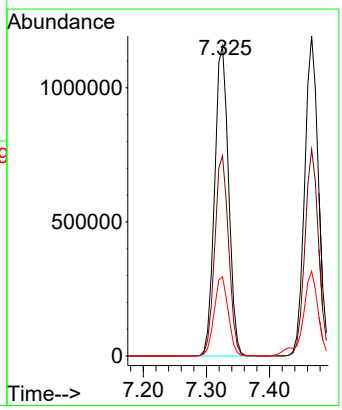
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

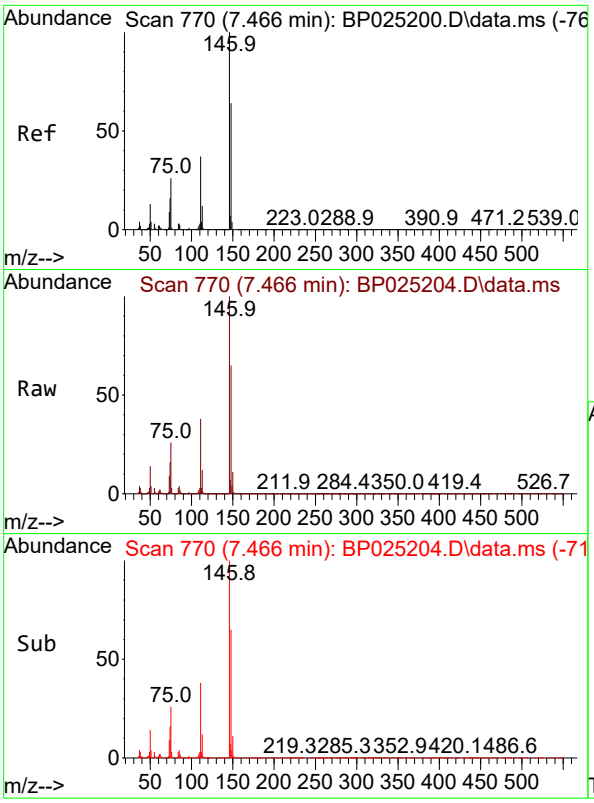


#12
1,3-Dichlorobenzene
Concen: 44.791 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1775571

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	25.6	20.6	31.0

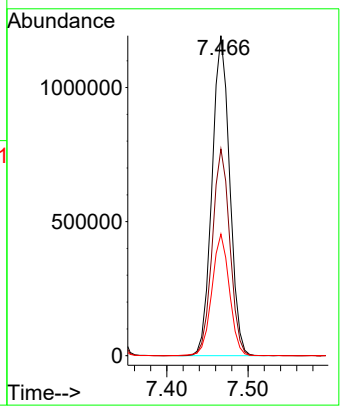




#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 179950

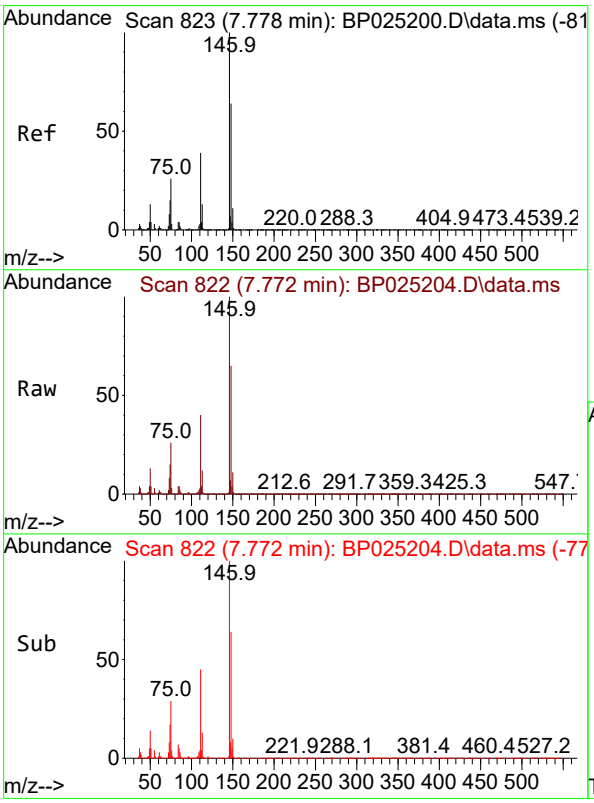
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	38.0	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

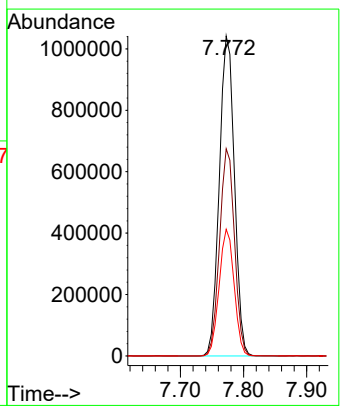
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

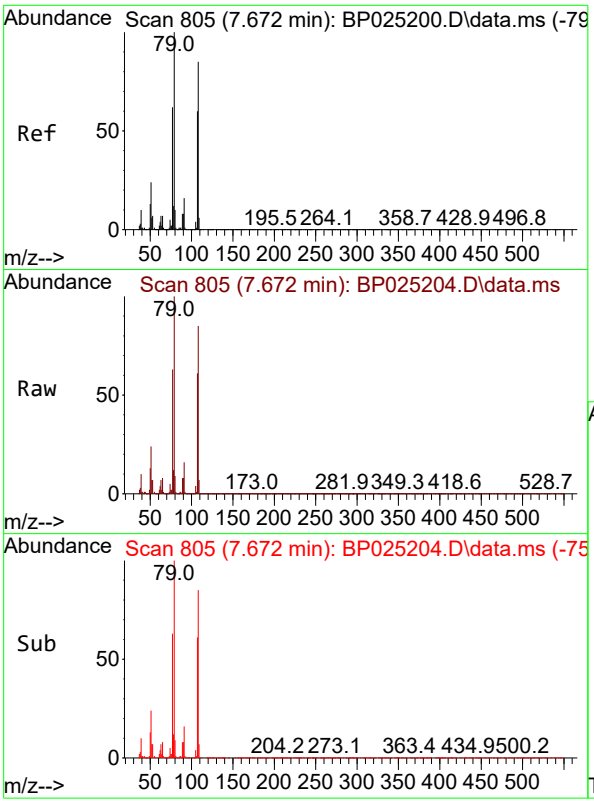


#14
1,2-Dichlorobenzene
Concen: 45.020 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1732981

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	39.6	31.3	46.9





#15
Benzyl Alcohol
Concen: 45.260 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

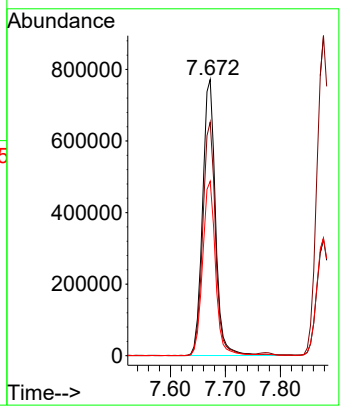
Tgt Ion: 79 Resp: 125624

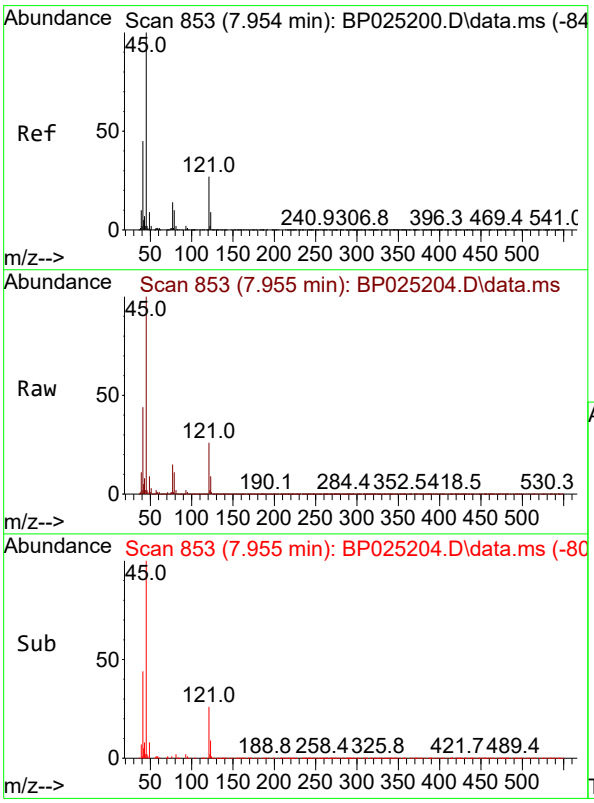
Ion	Ratio	Lower	Upper
79	100		
108	84.6	67.8	101.6
77	63.1	49.9	74.9

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

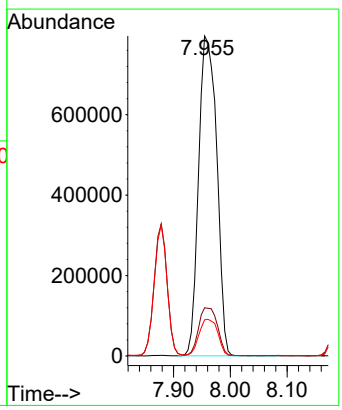


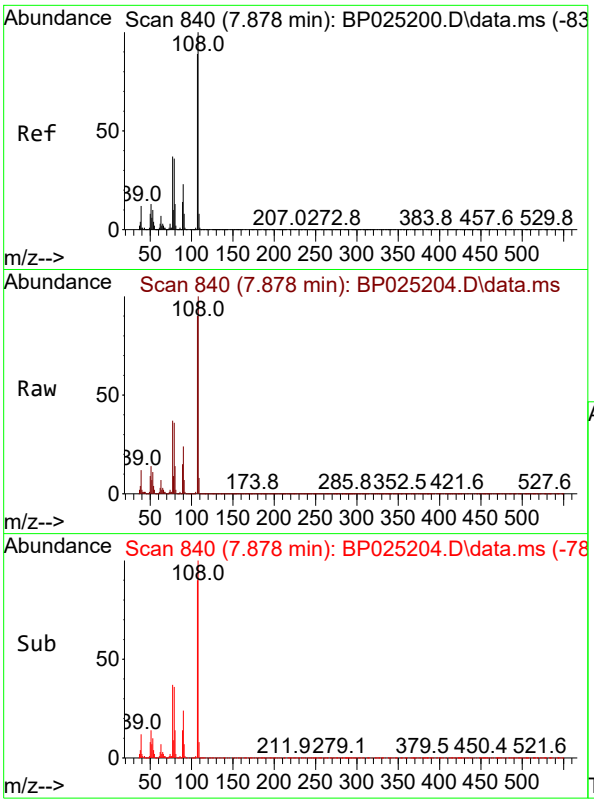


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 45 Resp: 1759704

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	36.0
79	11.3	0.0	31.7

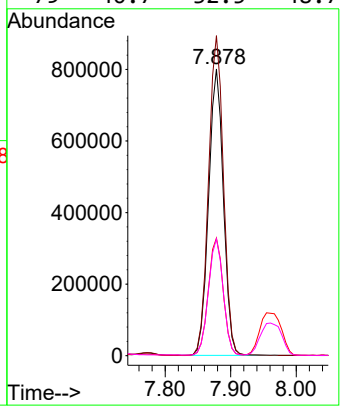




#17
2-Methylphenol
Concen: 45.385 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 125560

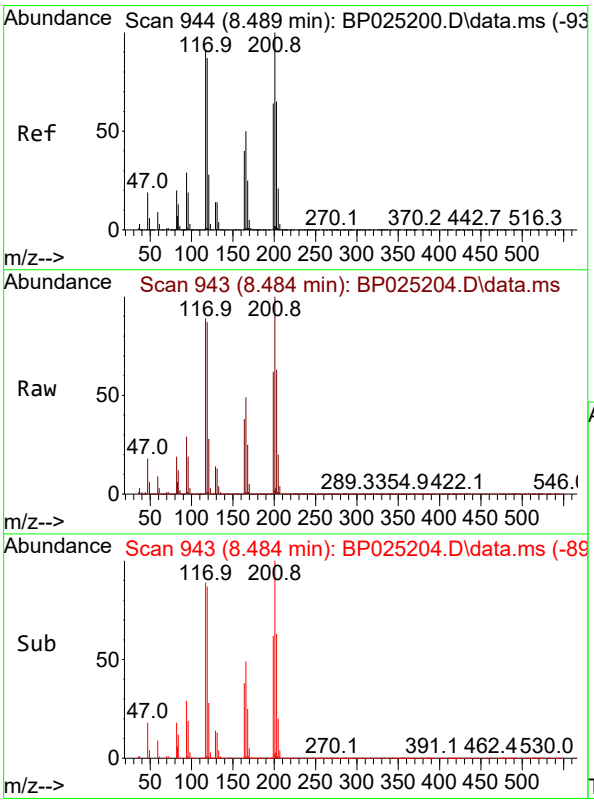
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

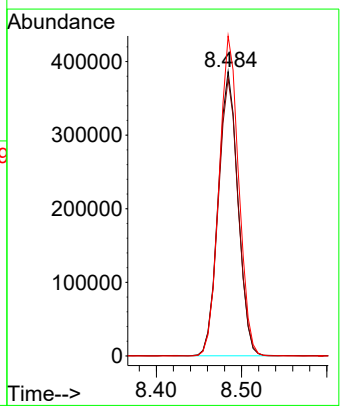
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

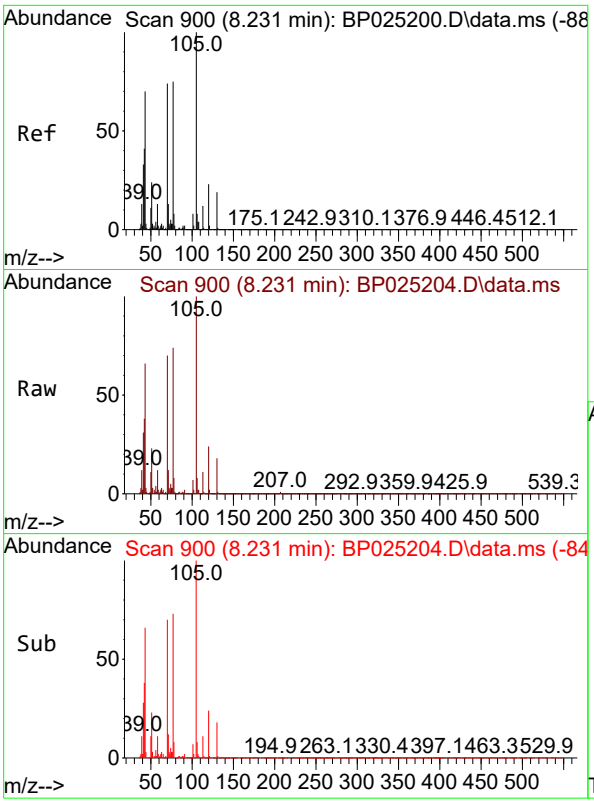


#18
Hexachloroethane
Concen: 45.213 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:117 Resp: 622156

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	112.5	88.3	132.5

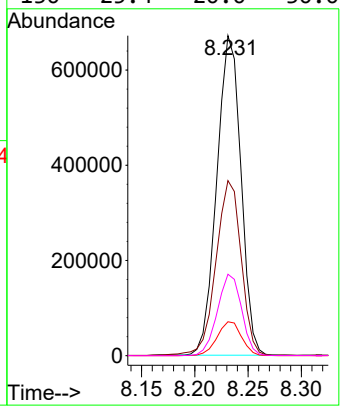




#19
n-Nitroso-di-n-propylamine
Concen: 45.622 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 70 Resp: 105608

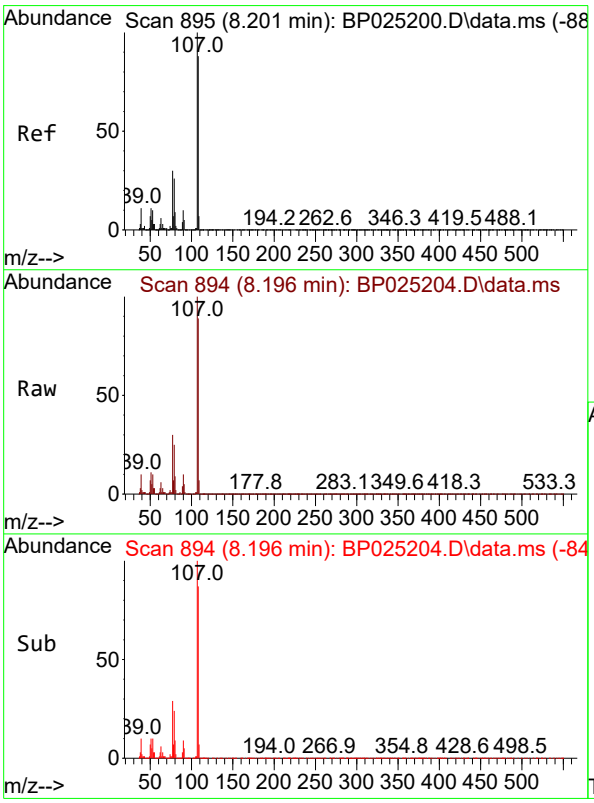
Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.2	66.2
101	10.6	8.6	12.8
130	25.4	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

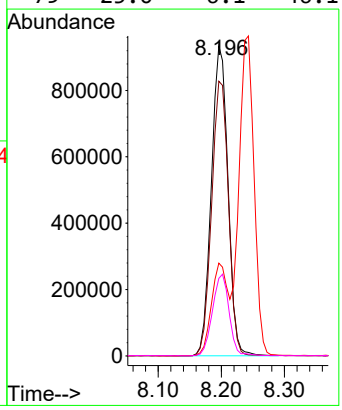
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

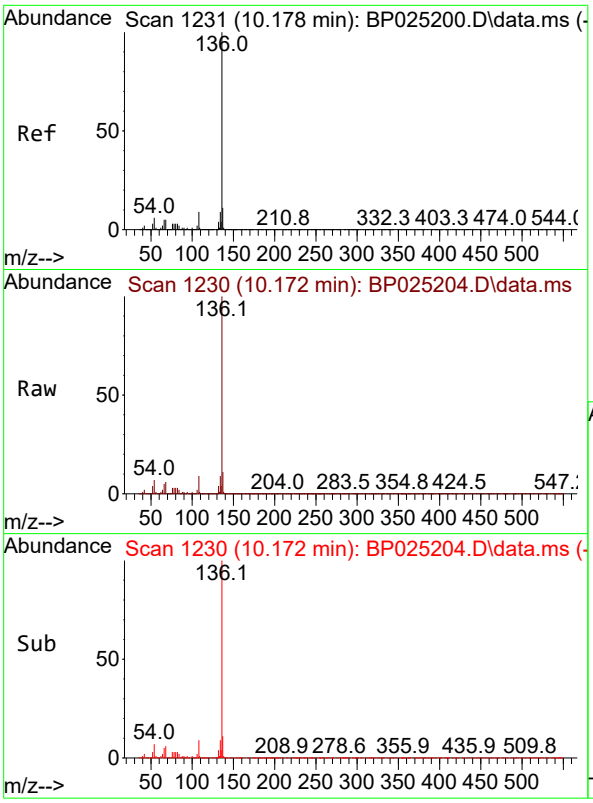


#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1707787

Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	29.9	10.3	50.3
79	25.0	6.1	46.1

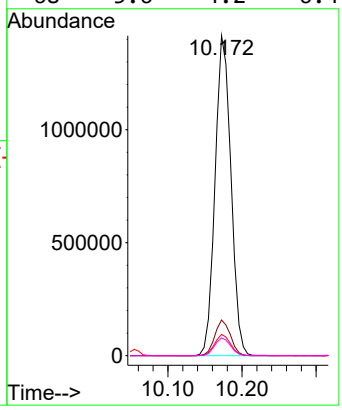




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:136 Resp: 210457

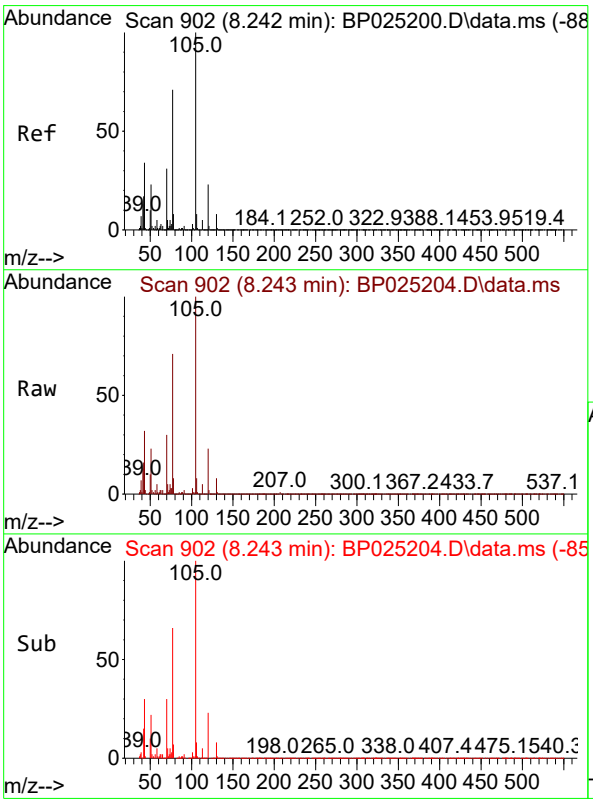
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

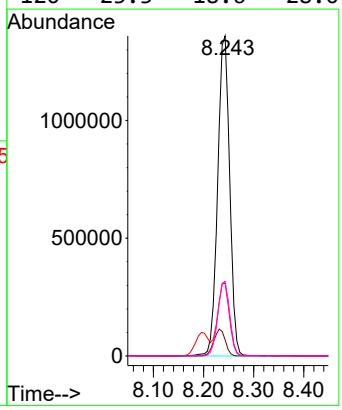
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

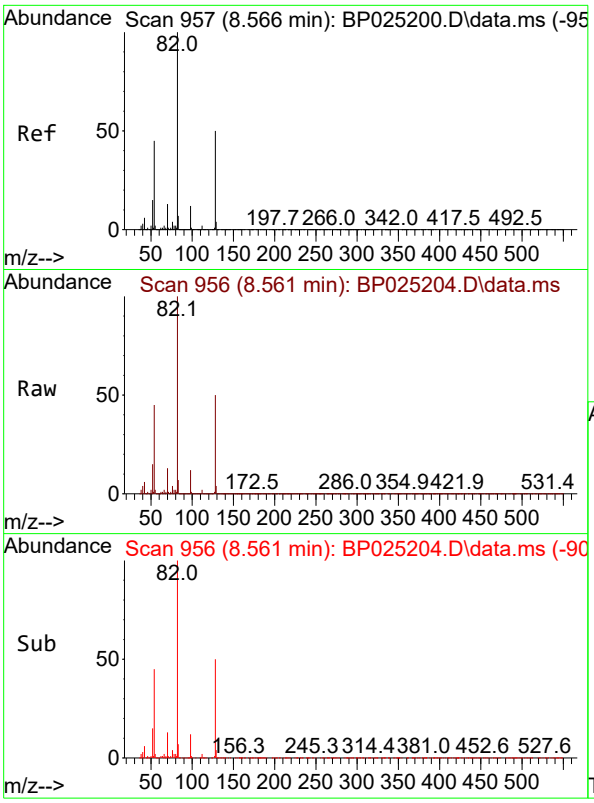


#22
Acetophenone
Concen: 46.041 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:105 Resp: 2254711

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	22.8	18.5	27.7
120	23.3	18.6	28.0

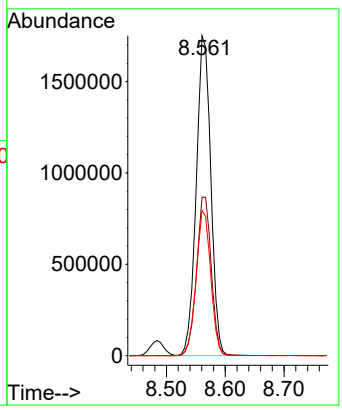




#23
Nitrobenzene-d5
Concen: 79.573 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301347

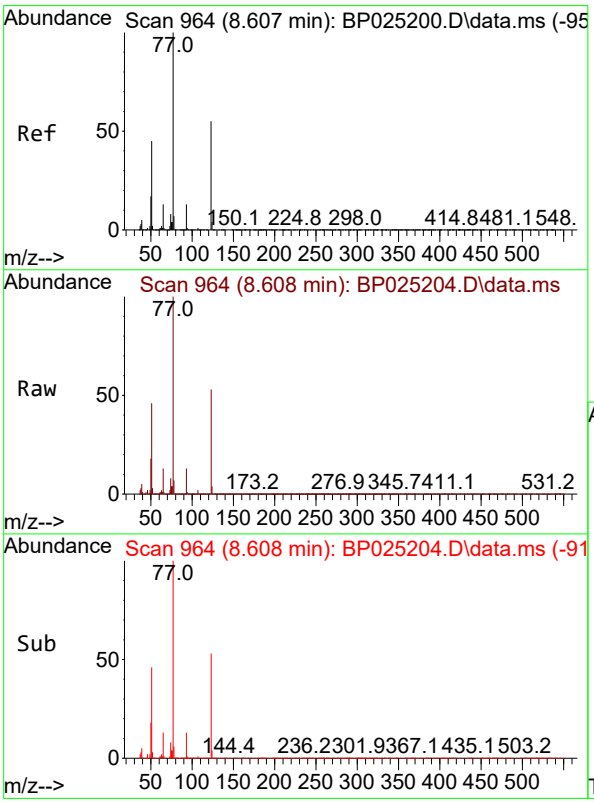
Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.2	60.4
54	45.4	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

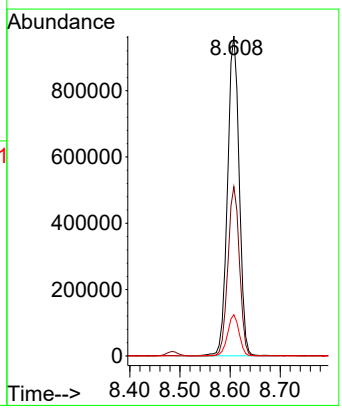
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

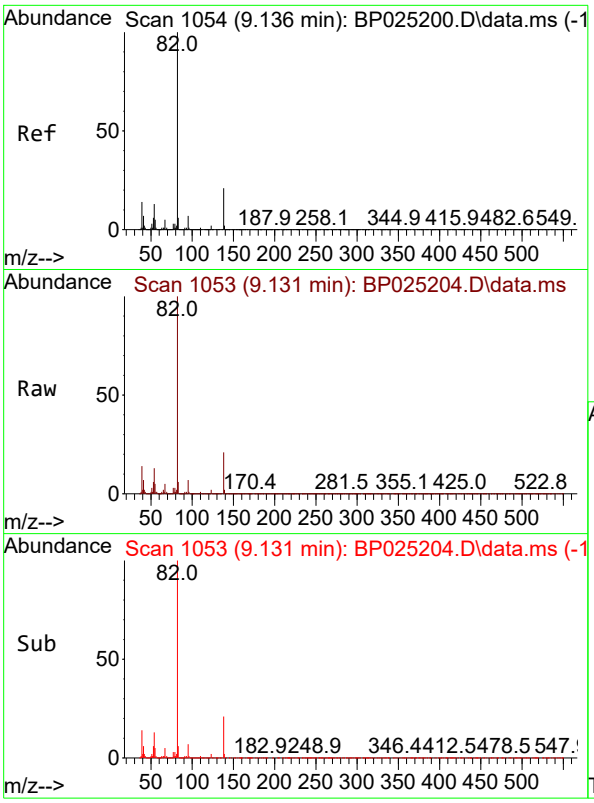


#24
Nitrobenzene
Concen: 46.187 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 1559201

Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.6	65.4
65	12.9	10.2	15.2

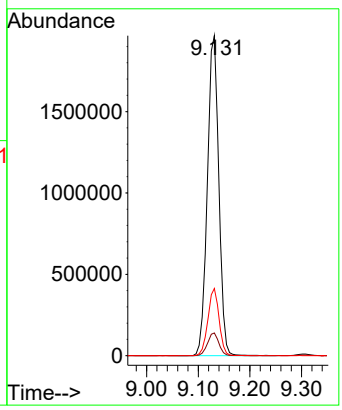




#25
Isophorone
Concen: 45.319 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301809

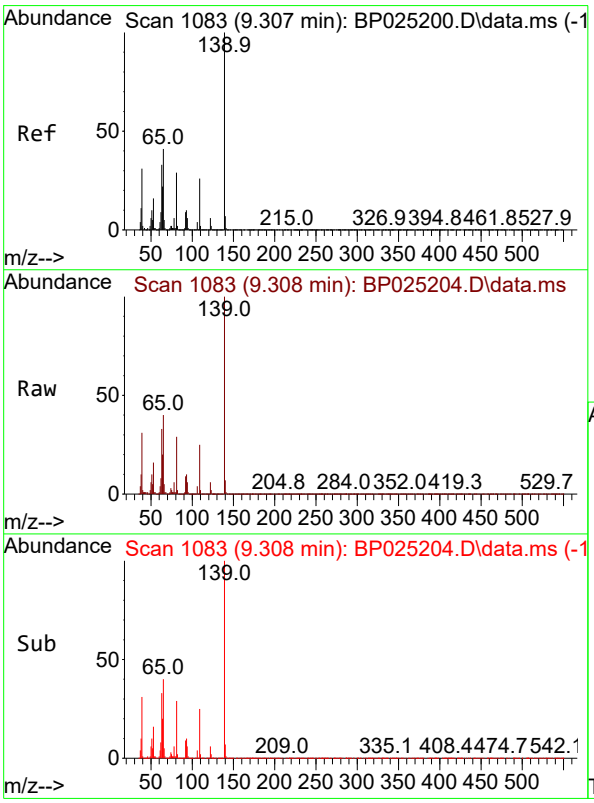
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	21.0	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

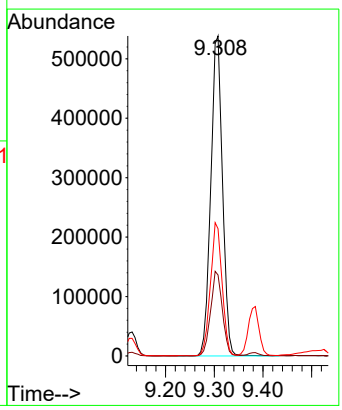
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

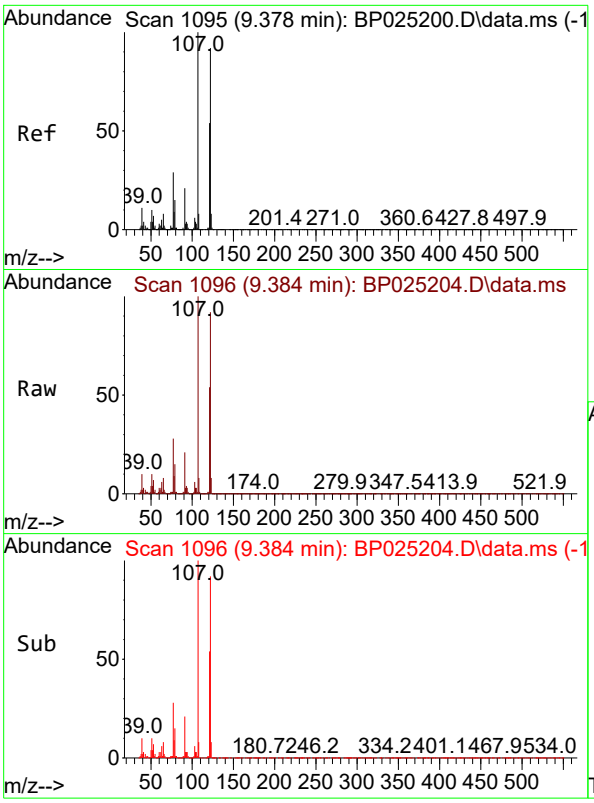


#26
2-Nitrophenol
Concen: 46.272 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 897017

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	39.8	32.7	49.1

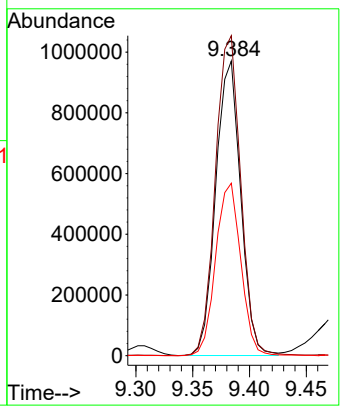




#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 148365

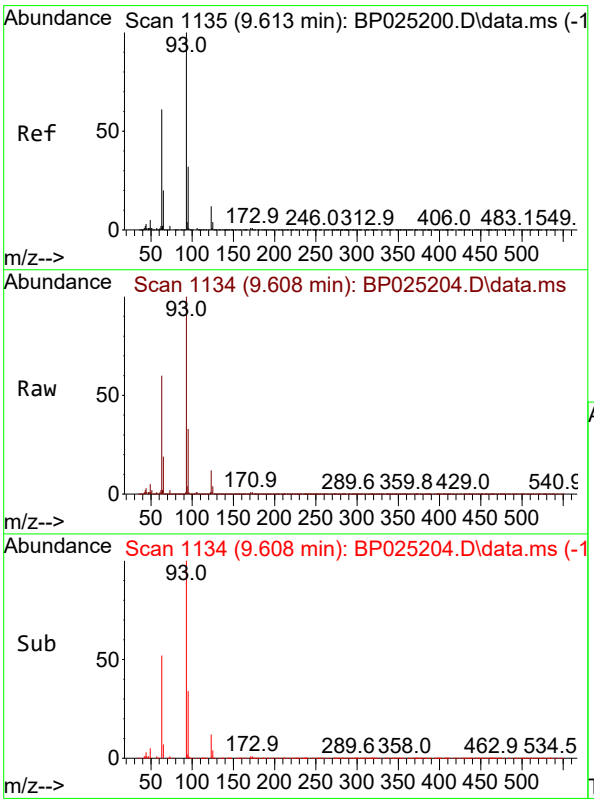
Ion	Ratio	Lower	Upper
122	100		
107	108.6	87.0	130.4
121	58.5	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

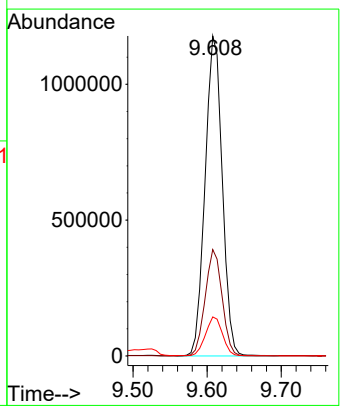
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

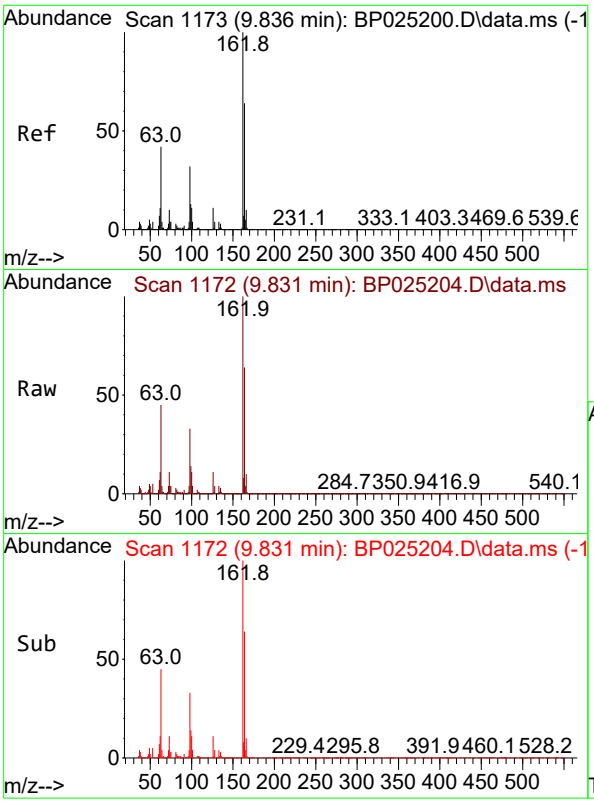


#28
bis(2-Chloroethoxy)methane
Concen: 45.503 ng
RT: 9.608 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 1895452

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.2	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 45.622 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

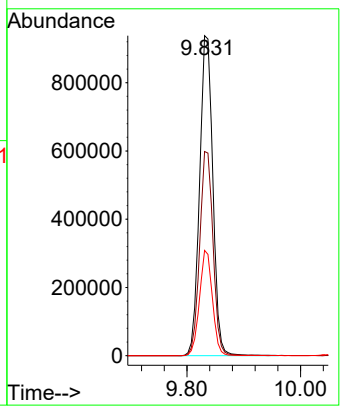
Tgt Ion:162 Resp: 152041

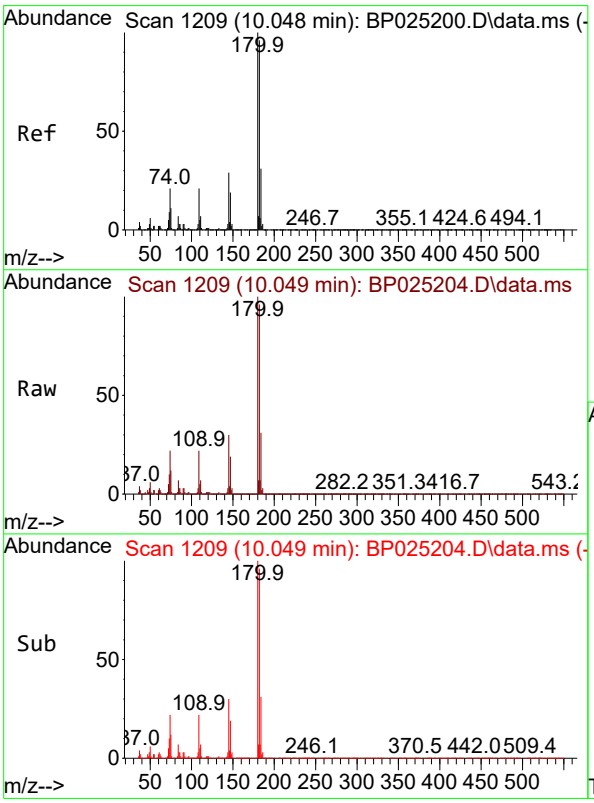
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.2	84.2
98	32.9	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

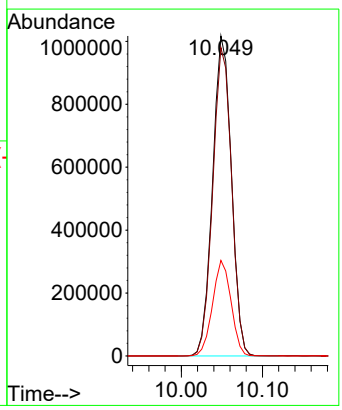


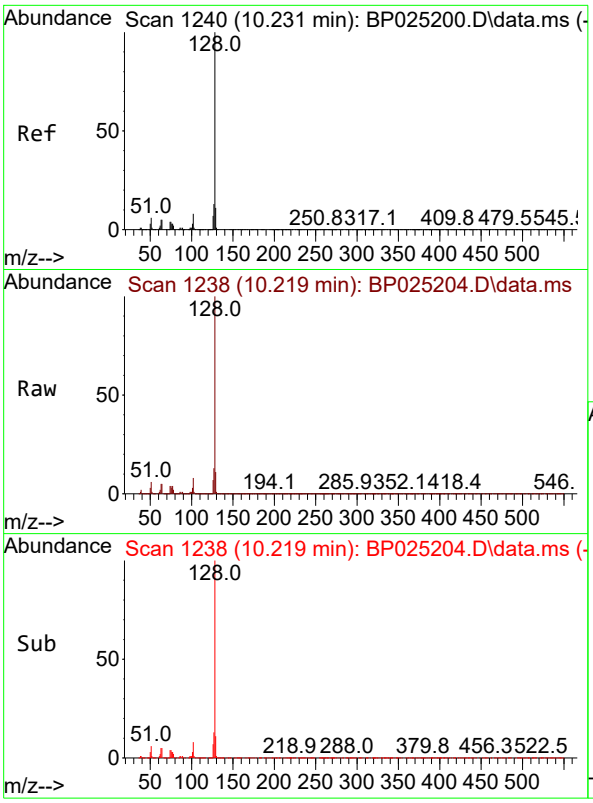


#30
1,2,4-Trichlorobenzene
Concen: 44.986 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:180 Resp: 1637469

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.7	115.1
145	29.9	23.5	35.3

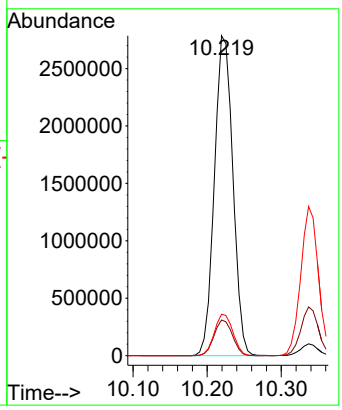




#31
Naphthalene
Concen: 44.759 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 482031

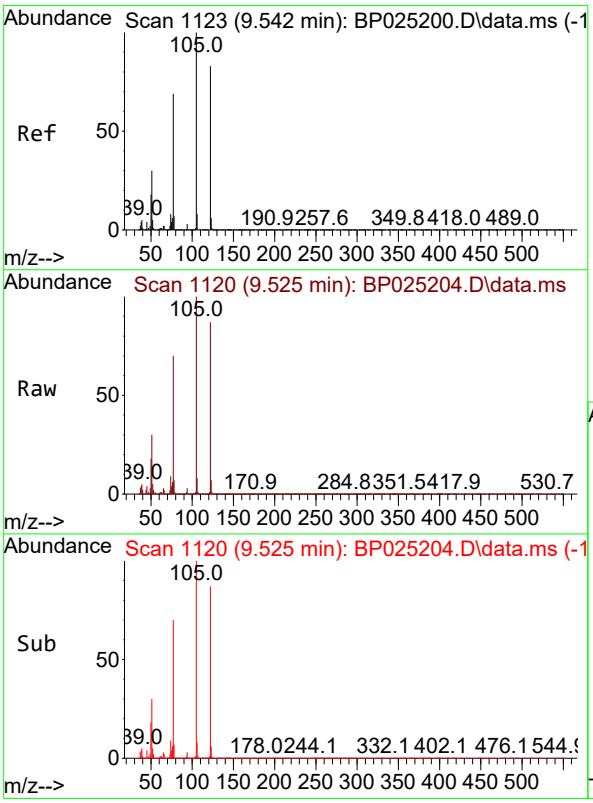
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

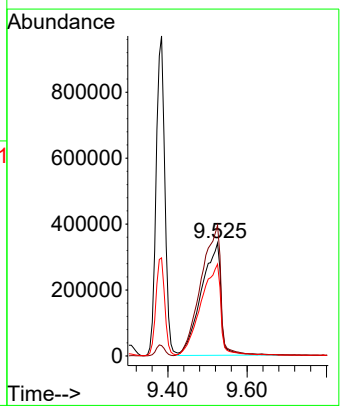
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

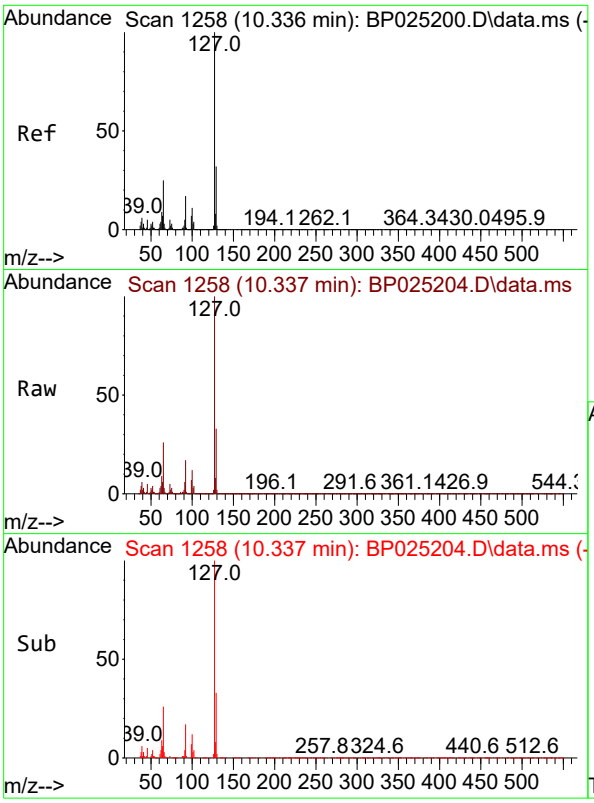


#32
Benzoic acid
Concen: 47.203 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.017 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 1168950

Ion	Ratio	Lower	Upper
122	100		
105	115.6	98.1	138.1
77	81.2	62.7	102.7

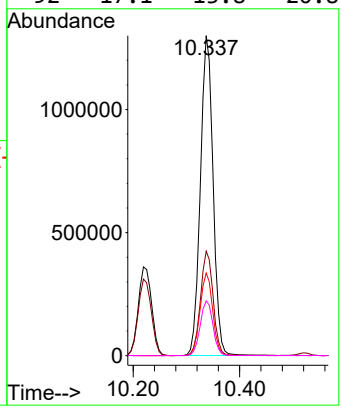




#33
4-Chloroaniline
Concen: 45.428 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:127 Resp: 215053

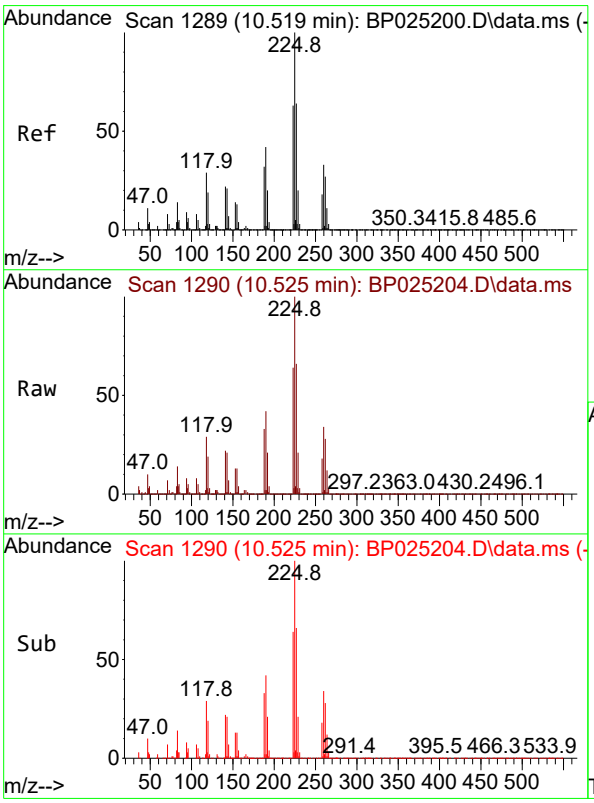
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	25.8	20.2	30.4
92	17.1	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

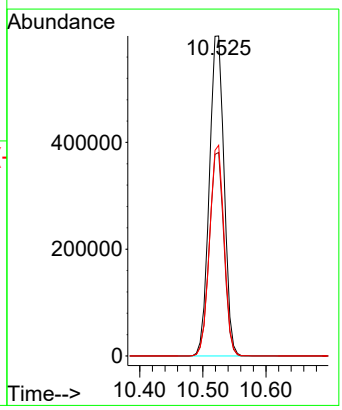
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

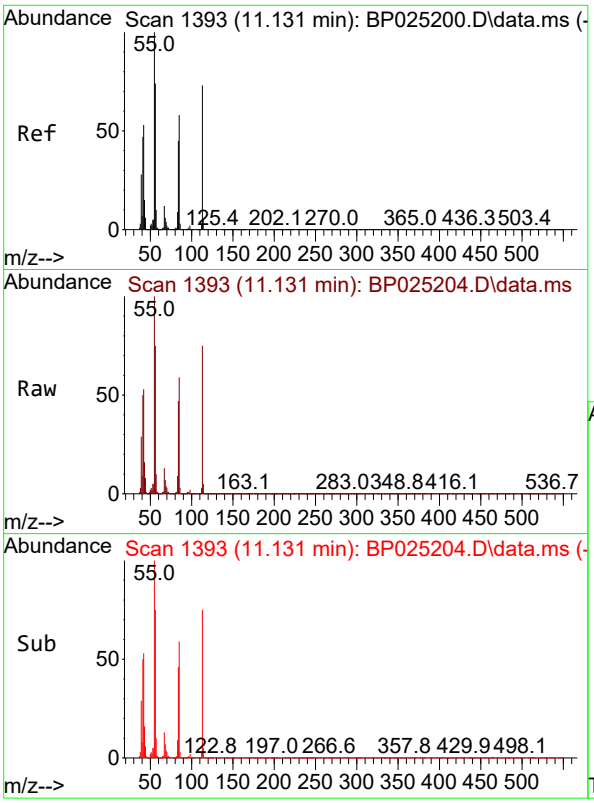


#34
Hexachlorobutadiene
Concen: 44.380 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:225 Resp: 972292

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	65.8	51.4	77.0

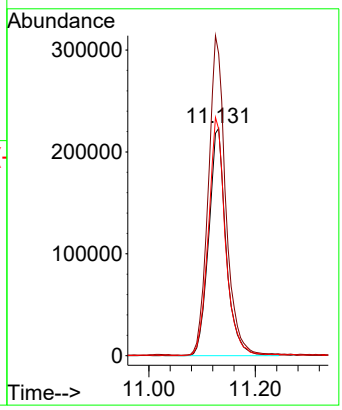




#35
Caprolactam
Concen: 45.393 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:113 Resp: 50207

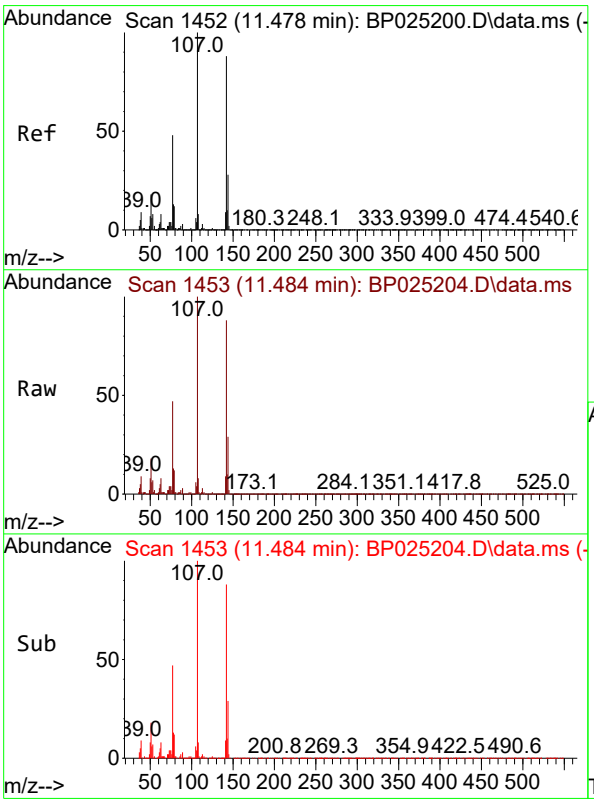
Ion	Ratio	Lower	Upper
113	100		
55	132.7	117.6	157.6
56	99.6	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

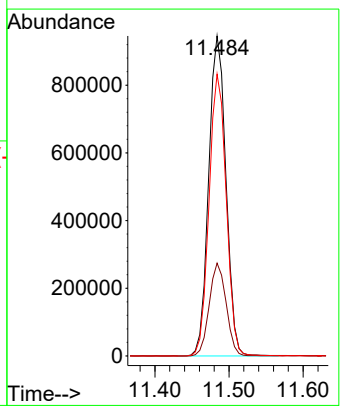
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

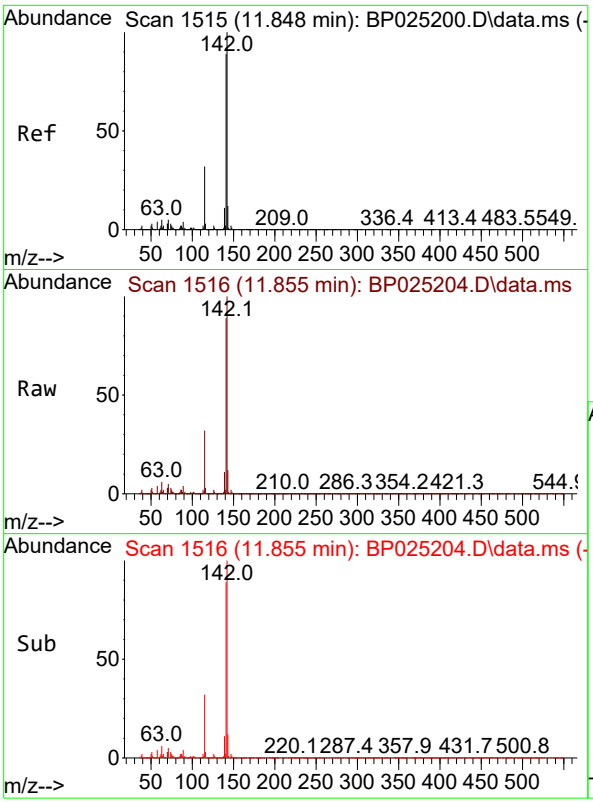


#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1529350

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.5	33.7
142	88.0	70.6	105.8

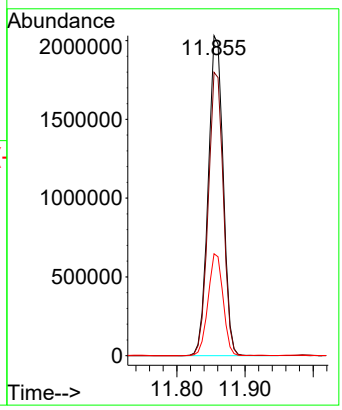




#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 11.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 310296

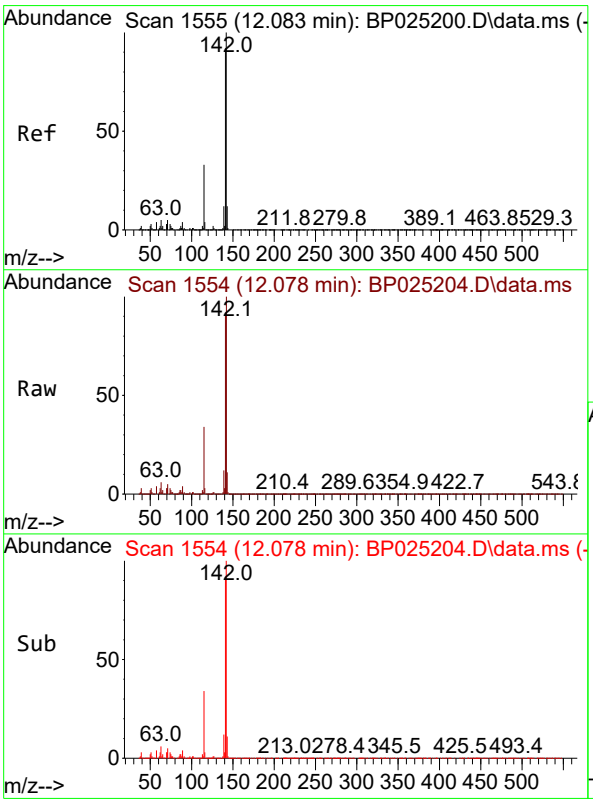
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	31.9	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

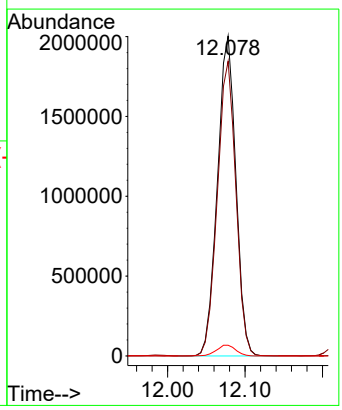
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

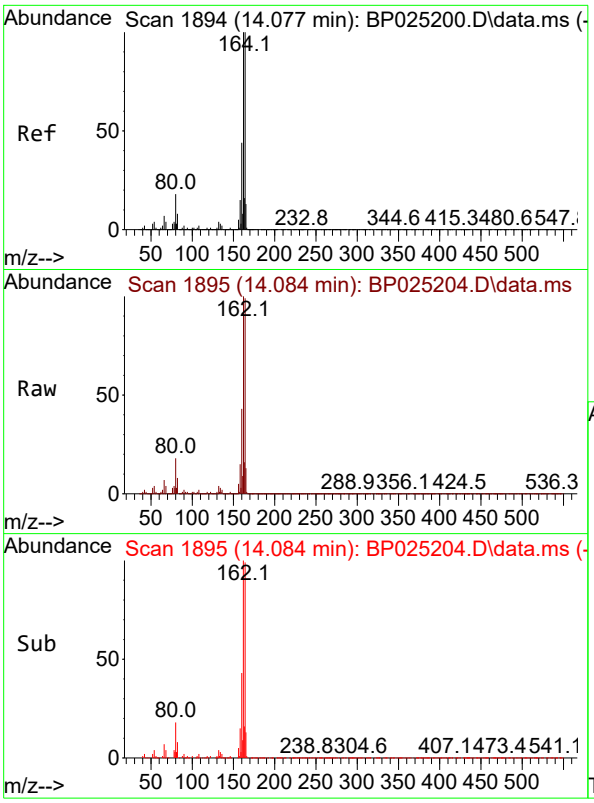


#38
1-Methylnaphthalene
Concen: 45.095 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 3312609

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	3.4	2.8	4.2

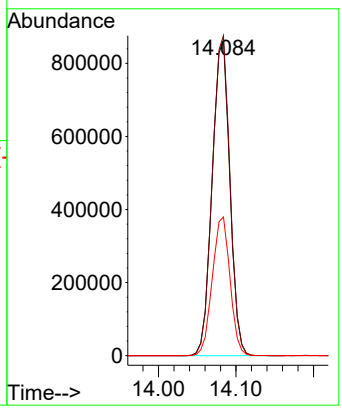




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:164 Resp: 136252

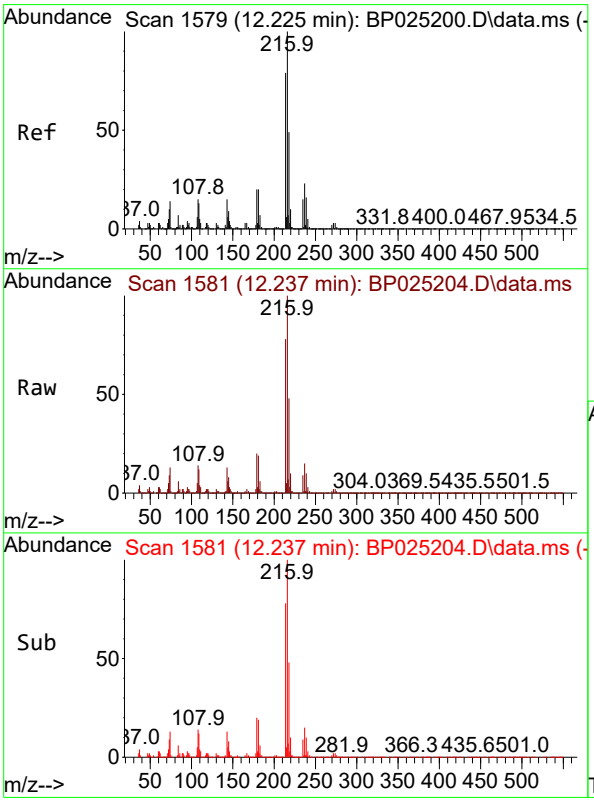
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

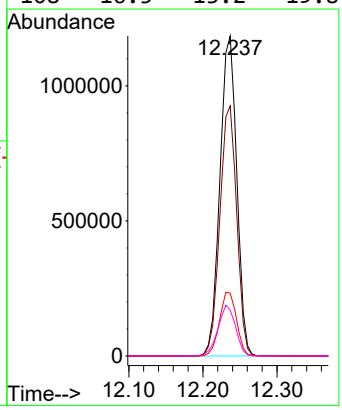
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

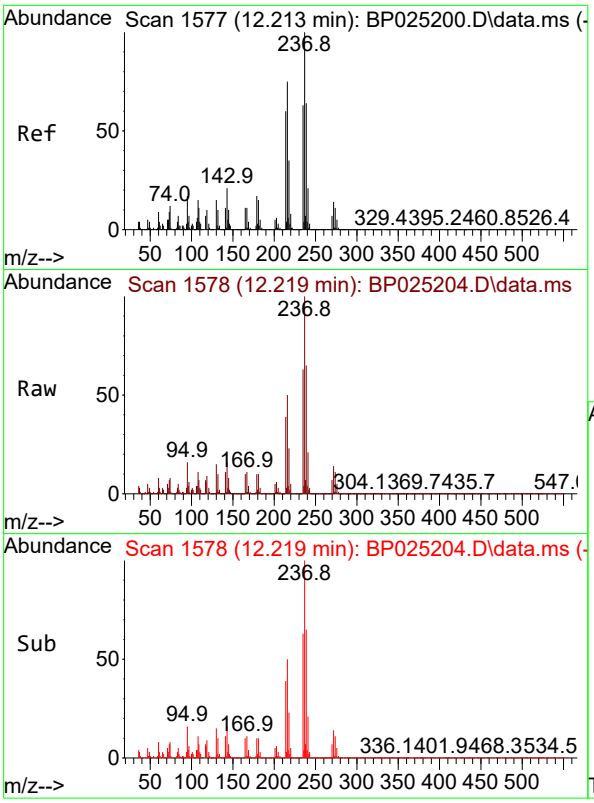


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.726 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:216 Resp: 1867529

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.7	94.1
179	20.2	16.2	24.4
108	16.5	13.2	19.8

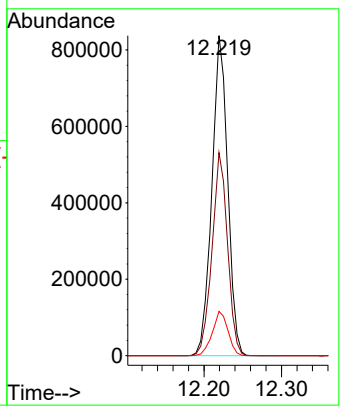




#41
Hexachlorocyclopentadiene
Concen: 48.517 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:237 Resp: 118285

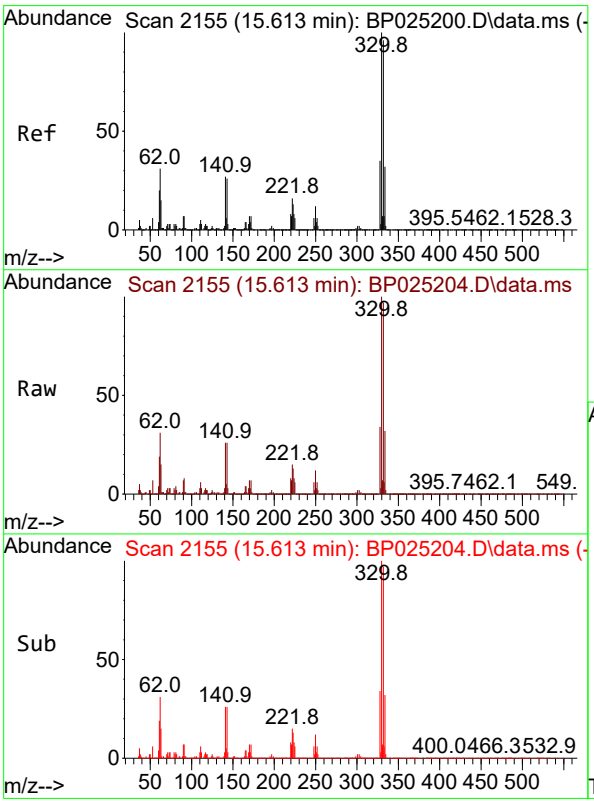
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	13.8	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

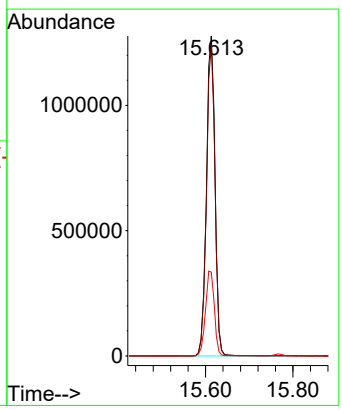
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

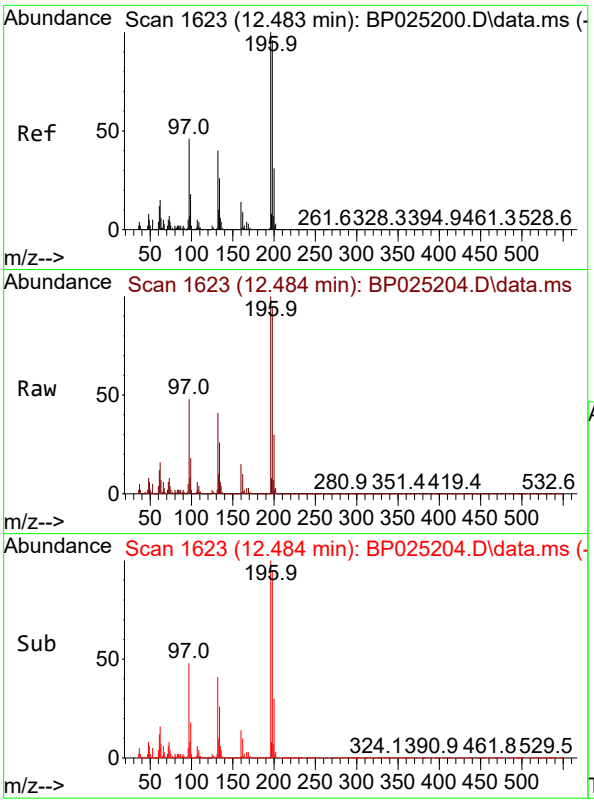


#42
2,4,6-Tribromophenol
Concen: 86.546 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:330 Resp: 1738413

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.5	22.4	33.6





#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

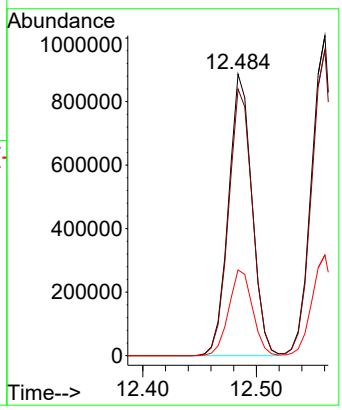
Tgt Ion:196 Resp: 127158

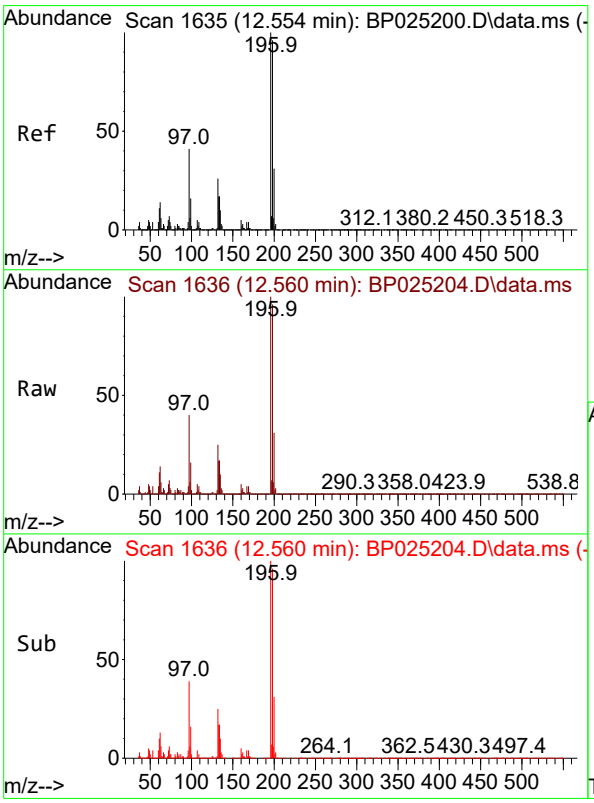
Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
200	30.5	24.7	37.1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

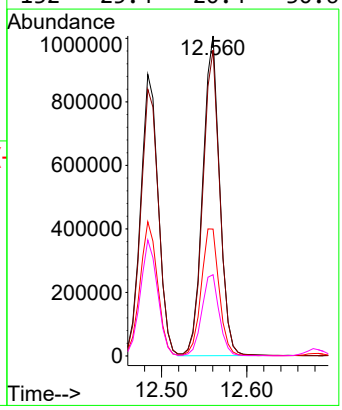


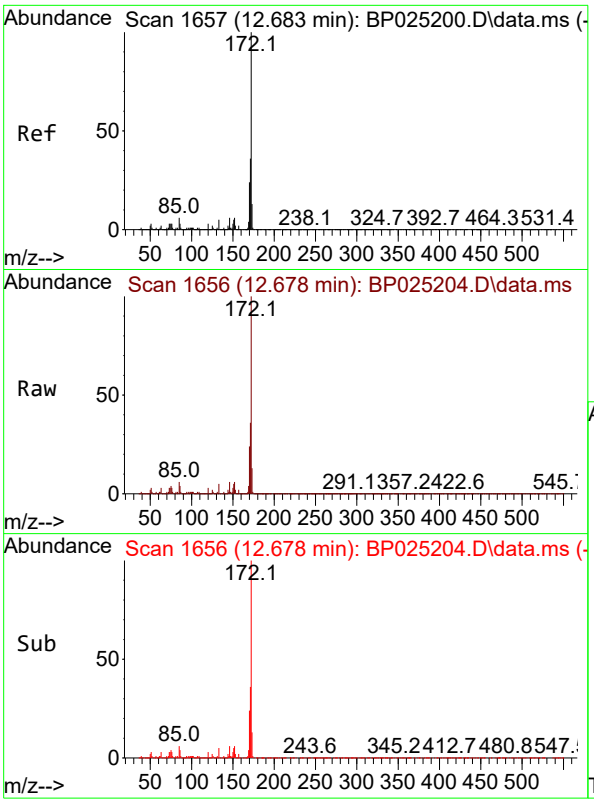


#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 1384362

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.7	115.1
97	39.6	33.0	49.4
132	25.4	20.4	30.6

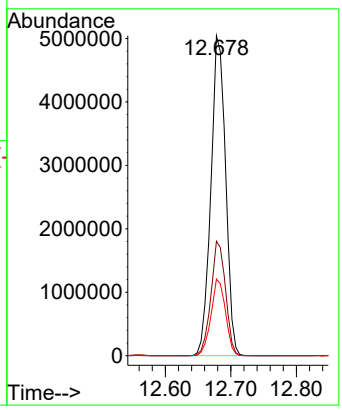




#45
2-Fluorobiphenyl
Concen: 81.308 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:172 Resp: 785807

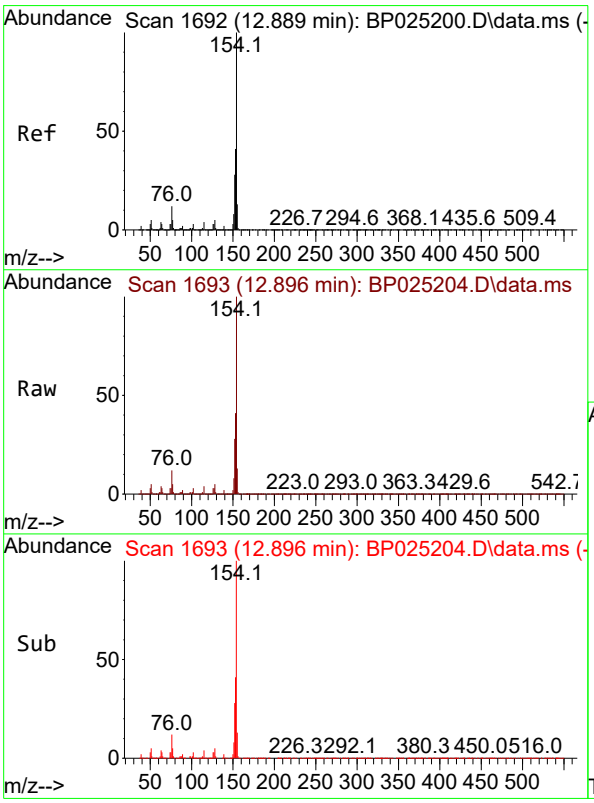
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.9	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

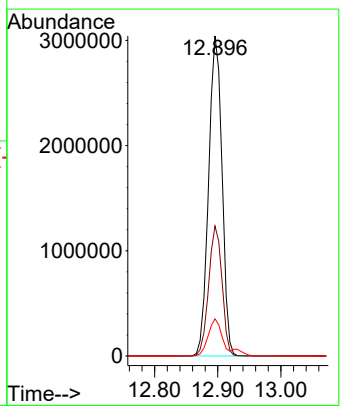
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

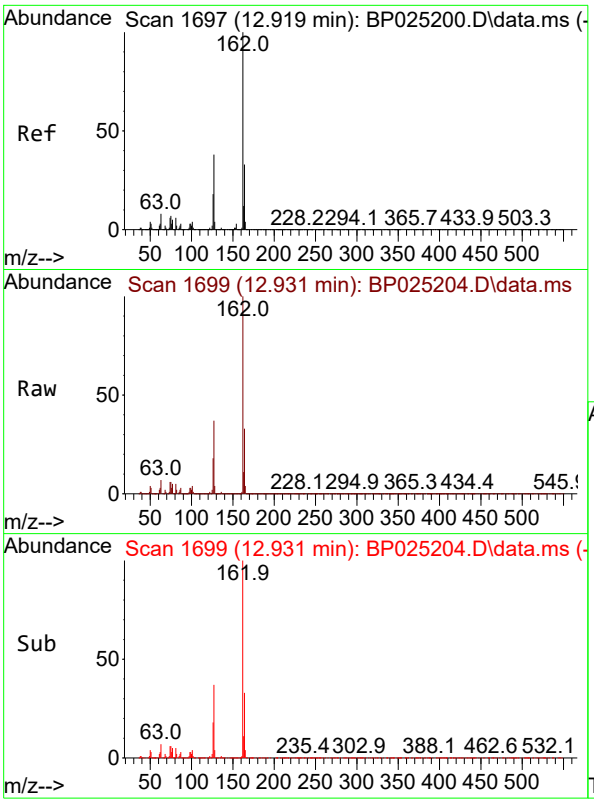


#46
1,1'-Biphenyl
Concen: 45.416 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 4485894

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.6	0.0	31.6

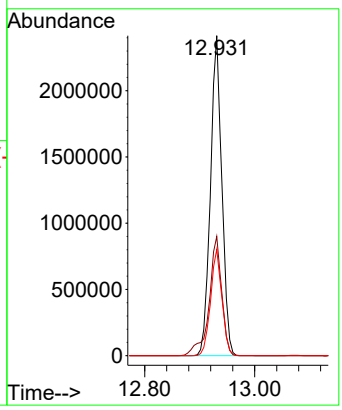




#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:162 Resp: 347490

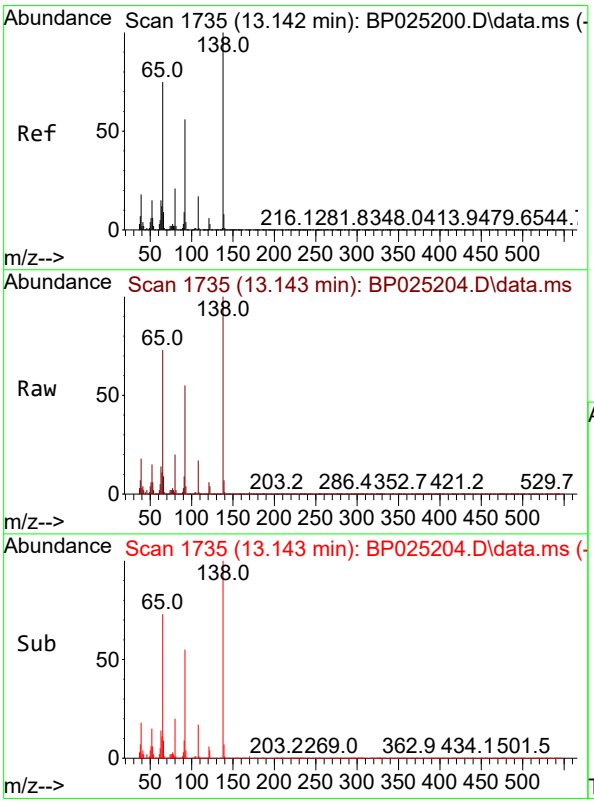
Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.1	45.1
164	33.2	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

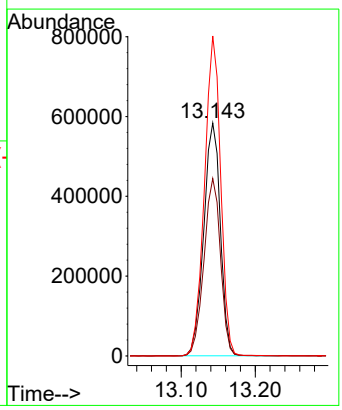
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

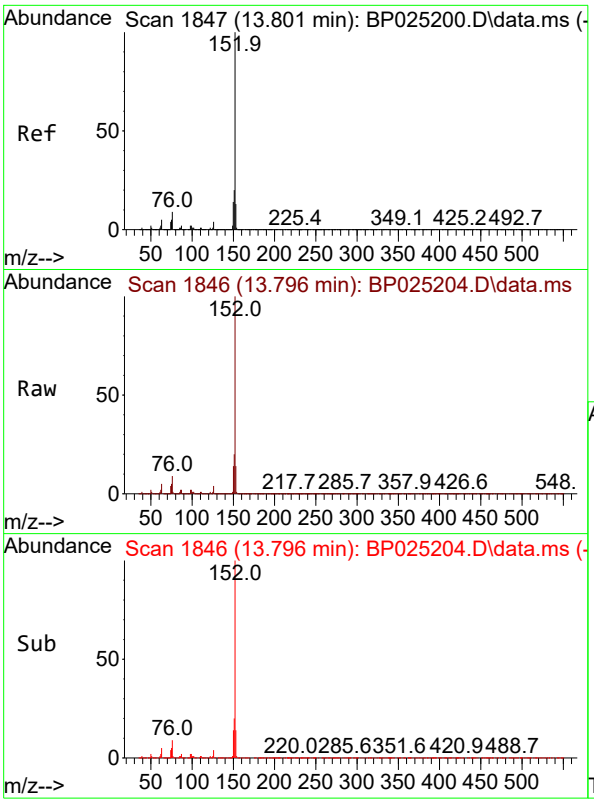


#48
2-Nitroaniline
Concen: 46.176 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 65 Resp: 909354

Ion	Ratio	Lower	Upper
65	100		
92	76.2	59.9	89.9
138	137.3	107.1	160.7

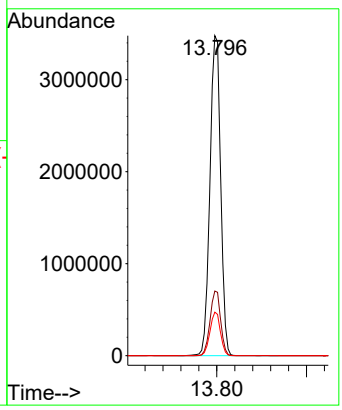




#49
Acenaphthylene
Concen: 46.141 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 575497

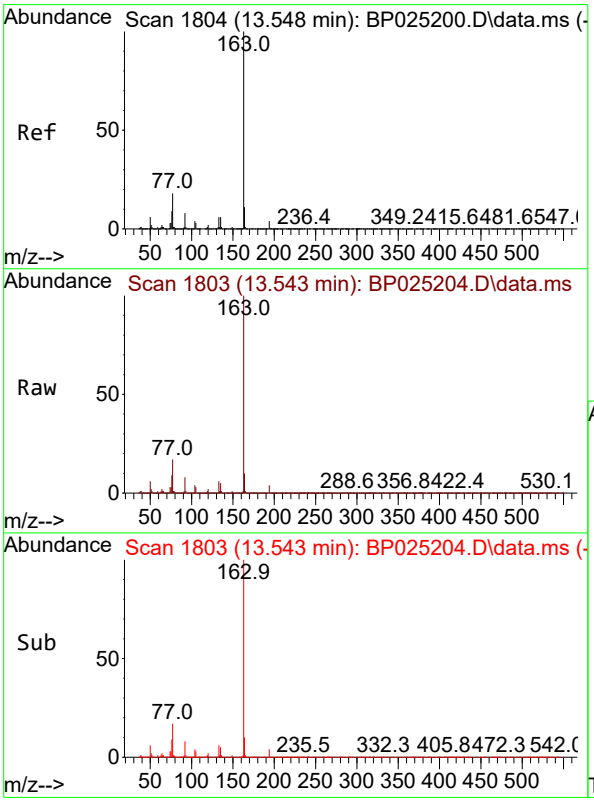
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

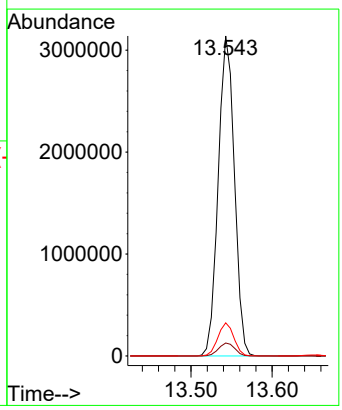
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

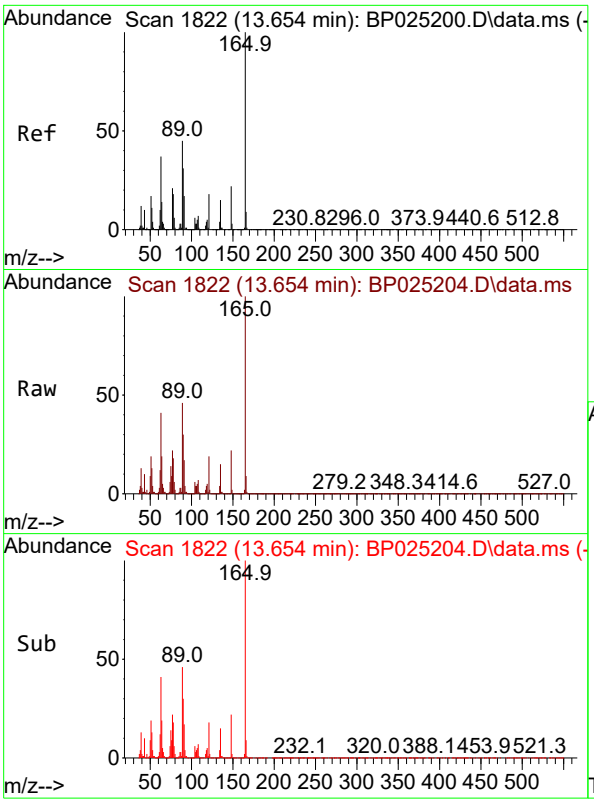


#50
Dimethylphthalate
Concen: 44.753 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:163 Resp: 4360923

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7

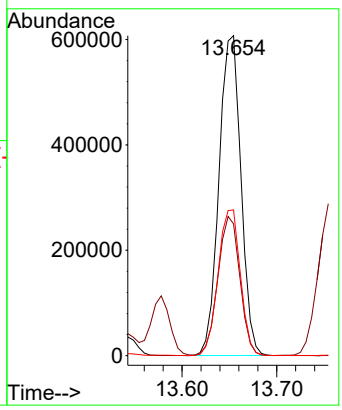




#51
2,6-Dinitrotoluene
Concen: 46.230 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 97882

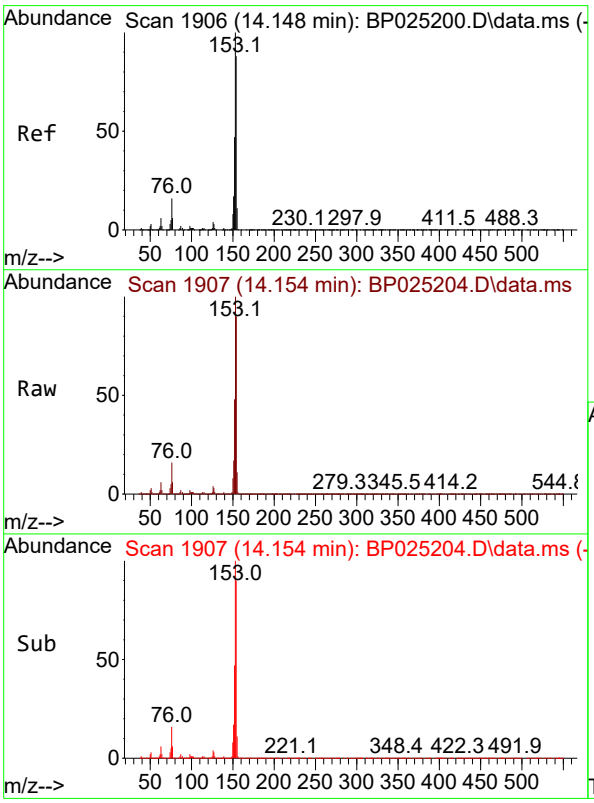
Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.4	50.2
89	45.5	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

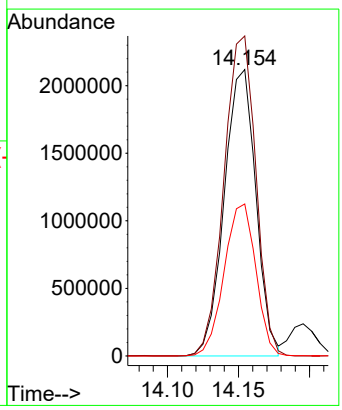
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

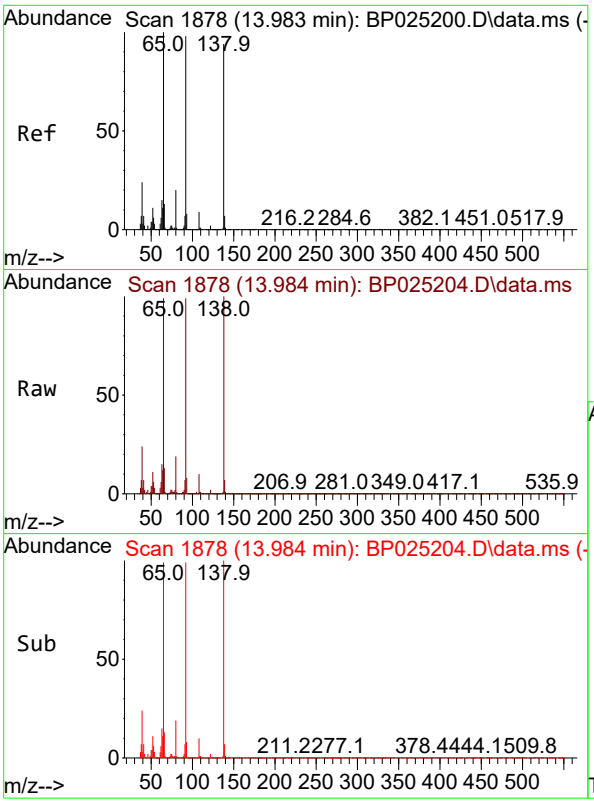


#52
Acenaphthene
Concen: 45.507 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 3282137

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.1	42.9	64.3





#53
3-Nitroaniline
Concen: 45.931 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

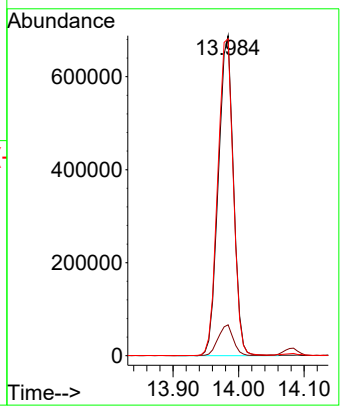
Instrument :
BNA_P
ClientSampleId :
ICVBP072125

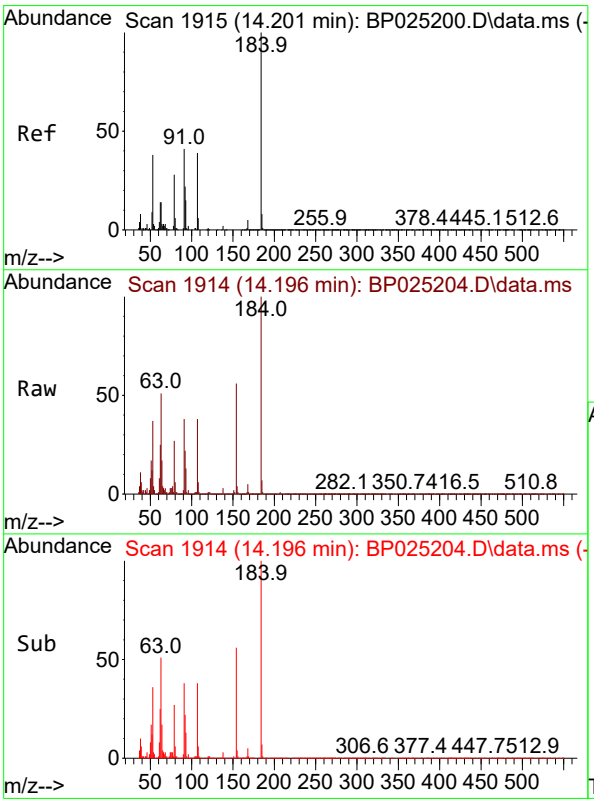
Tgt Ion:138 Resp: 109668

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	99.1	83.2	124.8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

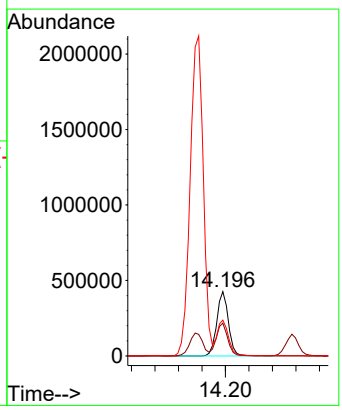


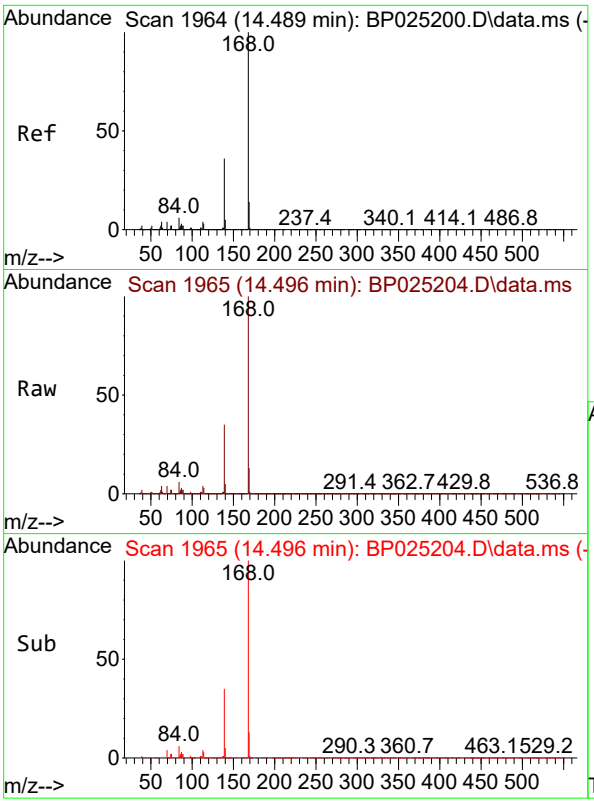


#54
2,4-Dinitrophenol
Concen: 46.791 ng
RT: 14.196 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 586989

Ion	Ratio	Lower	Upper
184	100		
63	50.9	41.8	62.8
154	55.7	45.7	68.5

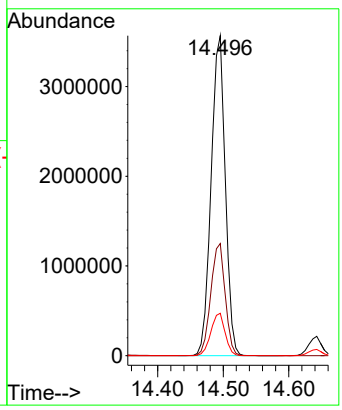




#55
Dibenzofuran
Concen: 45.869 ng
RT: 14.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:168 Resp: 534382

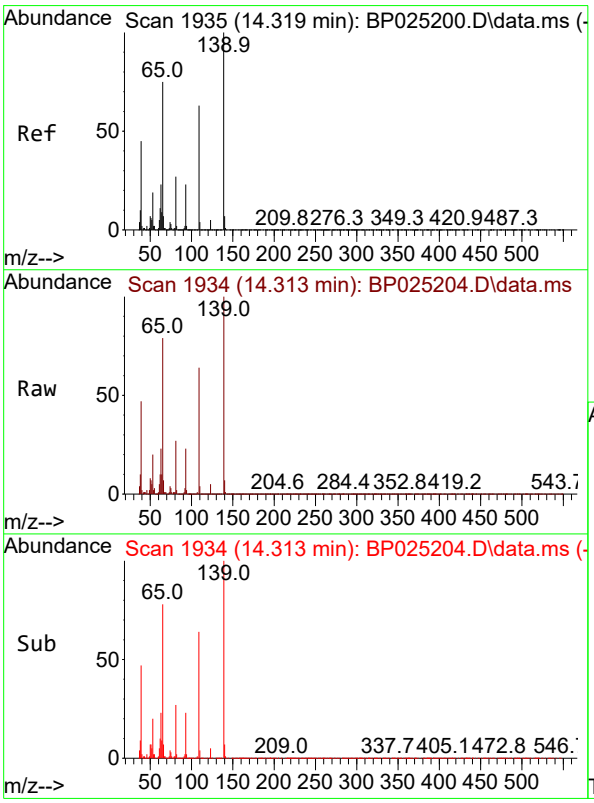
Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.7	43.1
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

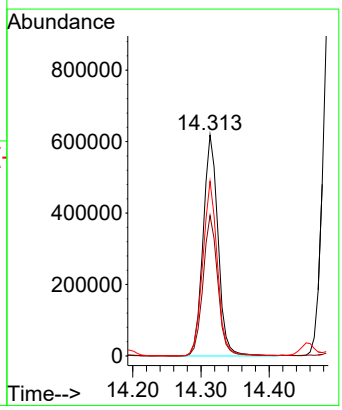
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

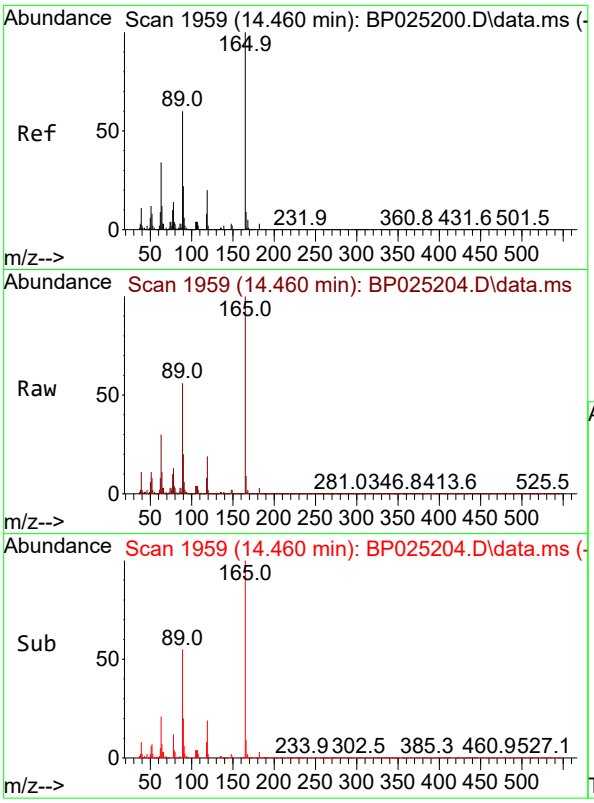


#56
4-Nitrophenol
Concen: 46.237 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 944675

Ion	Ratio	Lower	Upper
139	100		
109	63.5	42.6	82.6
65	79.0	55.4	95.4

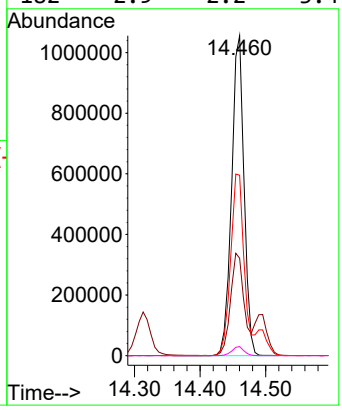




#57
2,4-Dinitrotoluene
Concen: 46.930 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 139089

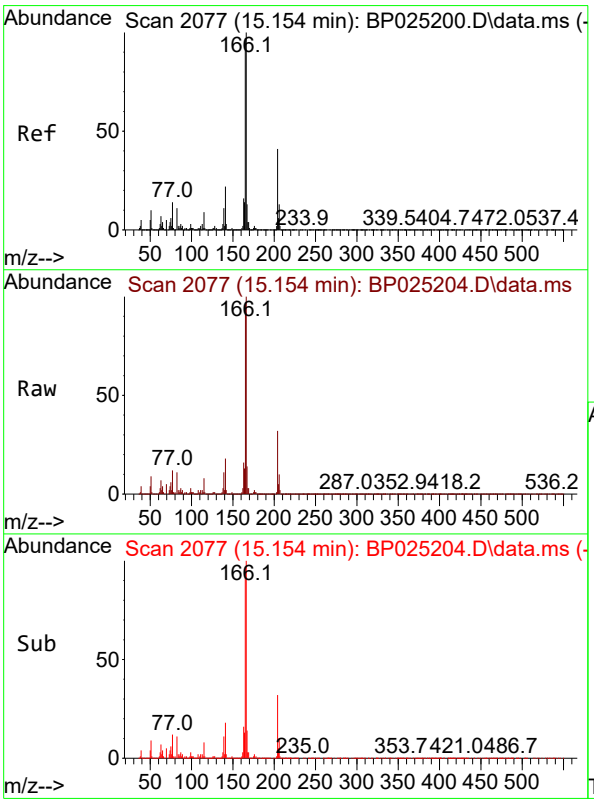
Ion	Ratio	Lower	Upper
165	100		
63	30.4	27.0	40.4
89	56.4	47.8	71.6
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

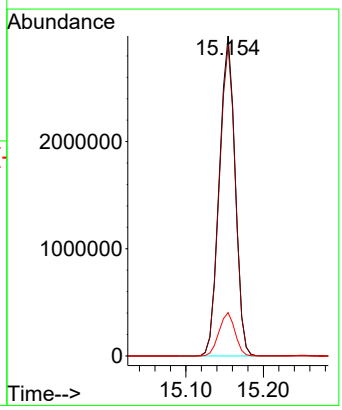
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

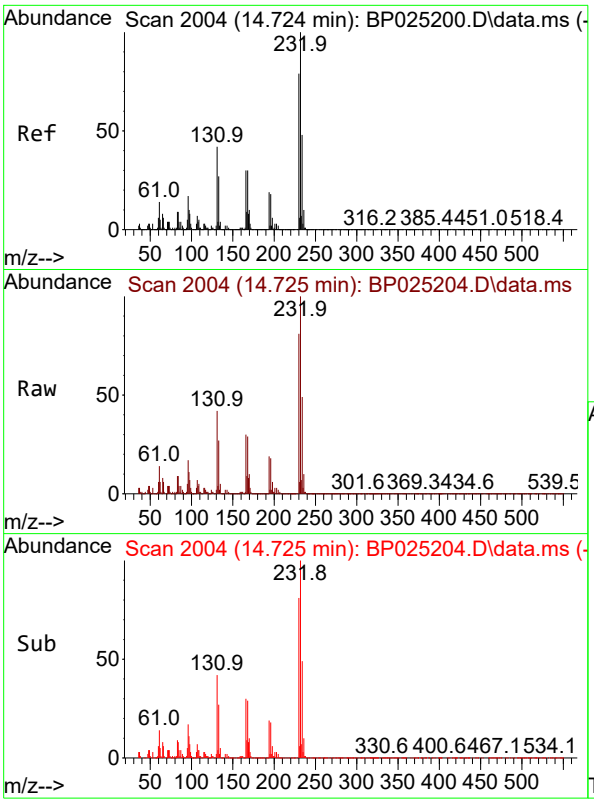


#58
Fluorene
Concen: 45.851 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:166 Resp: 4240752

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.0	117.0
167	13.6	10.7	16.1

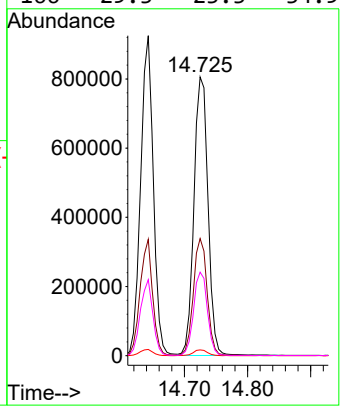




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:232 Resp: 124319

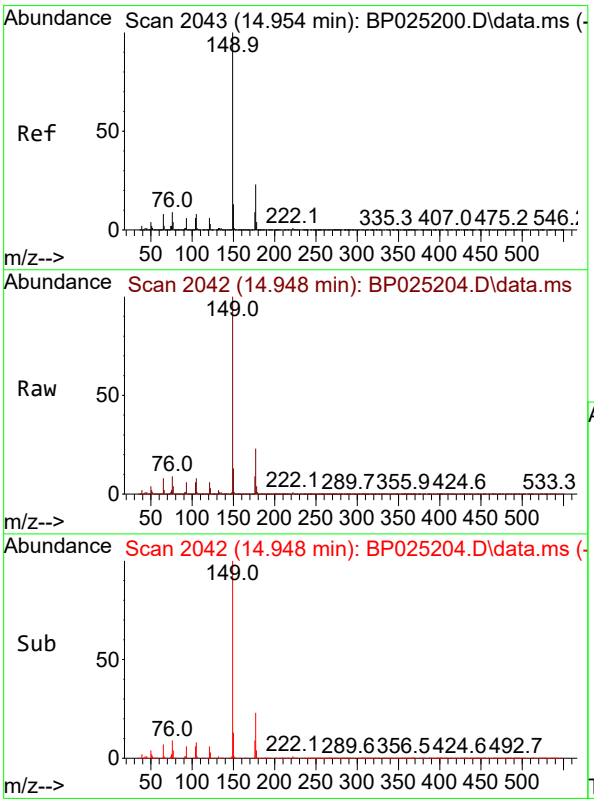
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

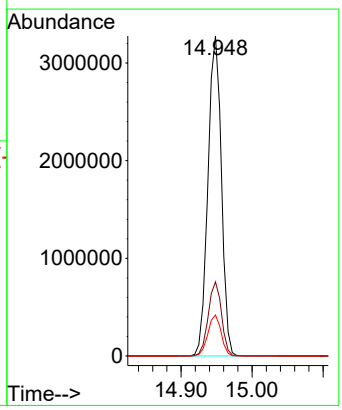
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

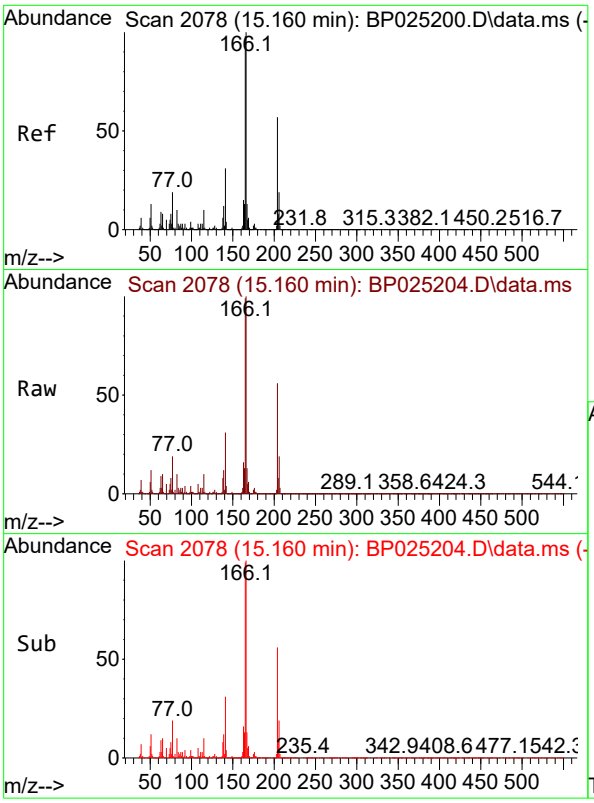


#60
Diethylphthalate
Concen: 44.844 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 4306867

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.8	10.0	15.0

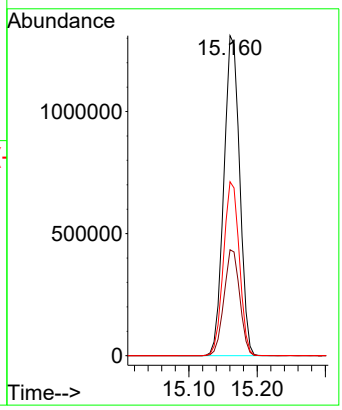




#61
4-Chlorophenyl-phenylether
Concen: 45.300 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:204 Resp: 211714

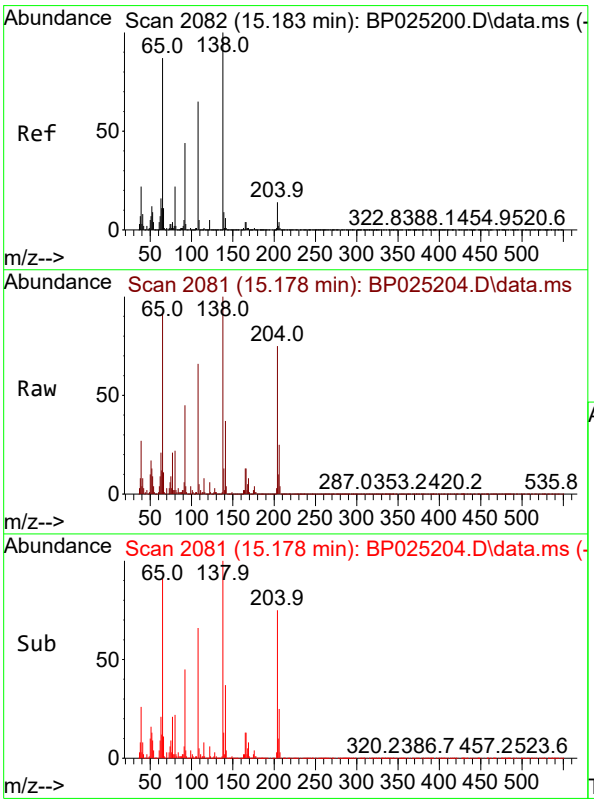
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	54.4	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

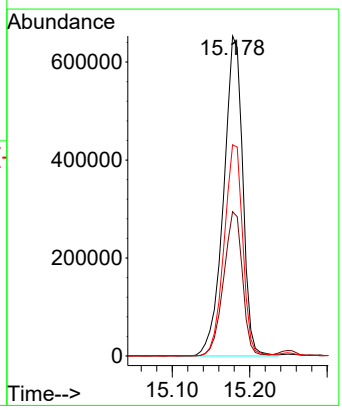
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

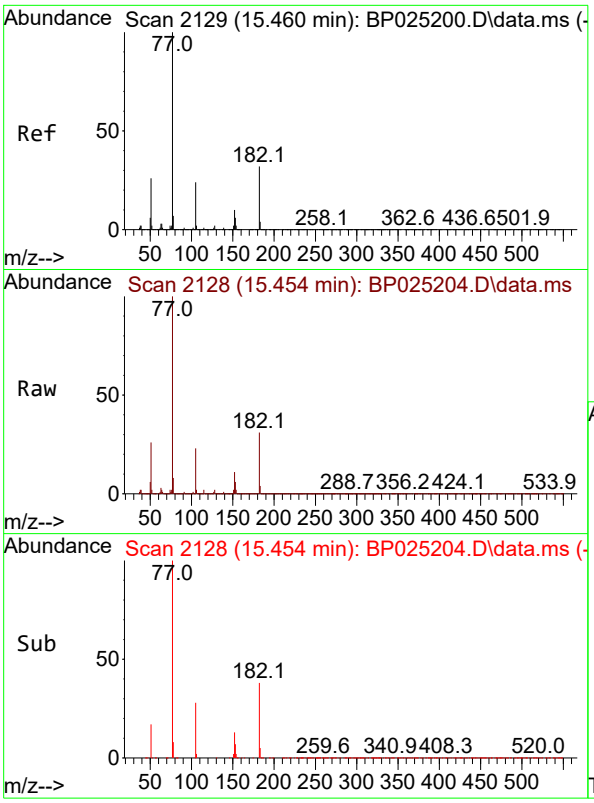


#62
4-Nitroaniline
Concen: 46.208 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:138 Resp: 1122038

Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.0	64.0
108	66.0	44.9	84.9

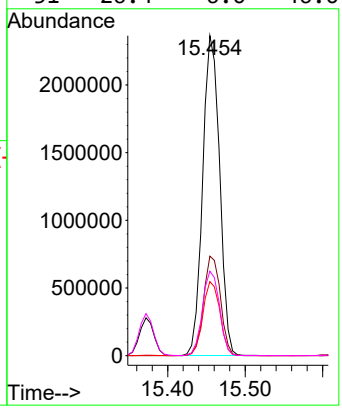




#63
Azobenzene
Concen: 45.735 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 357944

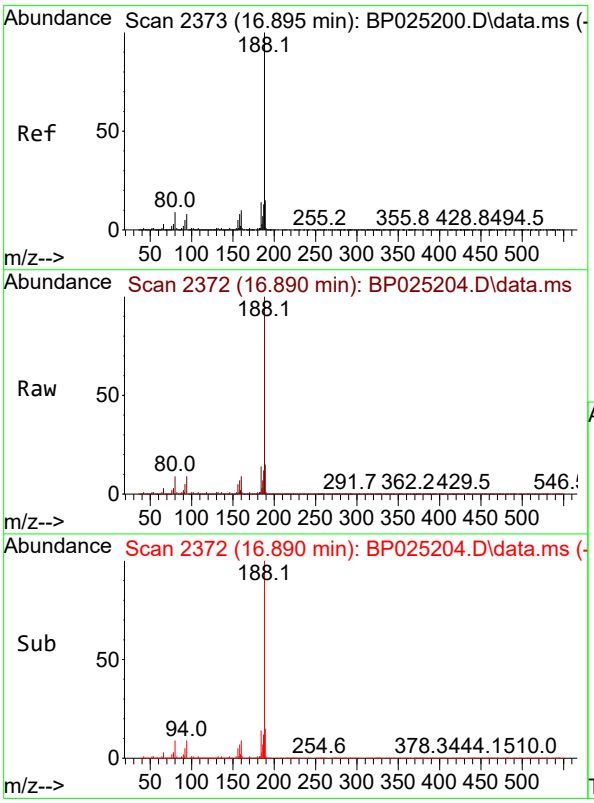
Ion	Ratio	Lower	Upper
77	100		
182	31.1	12.0	52.0
105	23.2	3.6	43.6
51	26.4	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

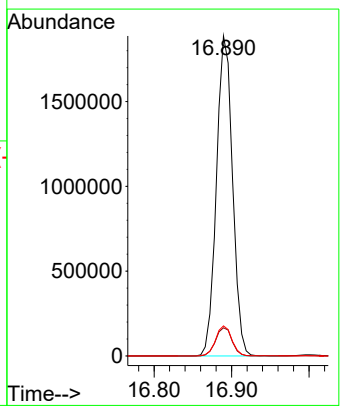
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

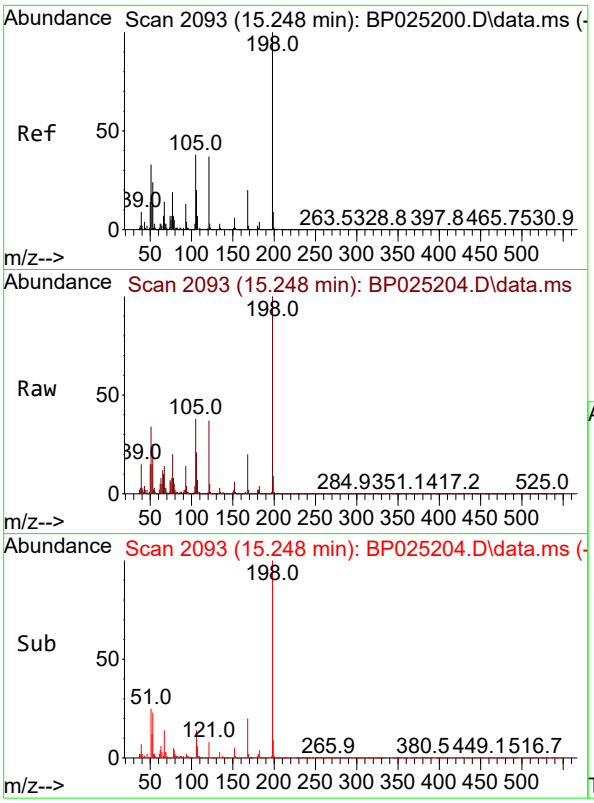


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:188 Resp: 2724423

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.4	7.3	10.9

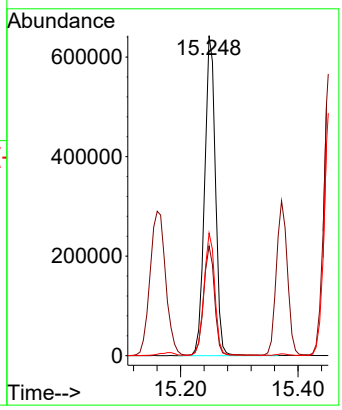




#65
4,6-Dinitro-2-methylphenol
Concen: 46.654 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:198 Resp: 82028

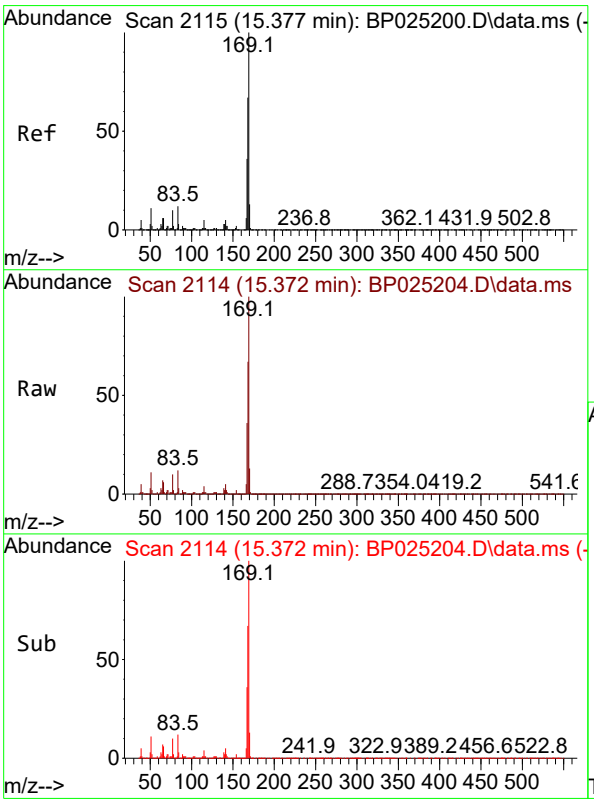
Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.6	54.6
105	38.3	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

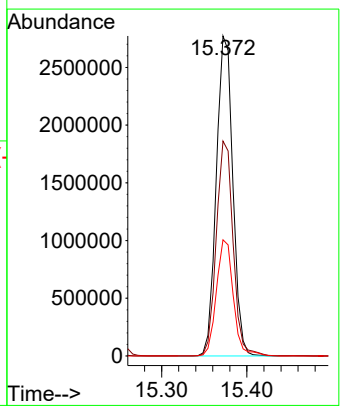
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

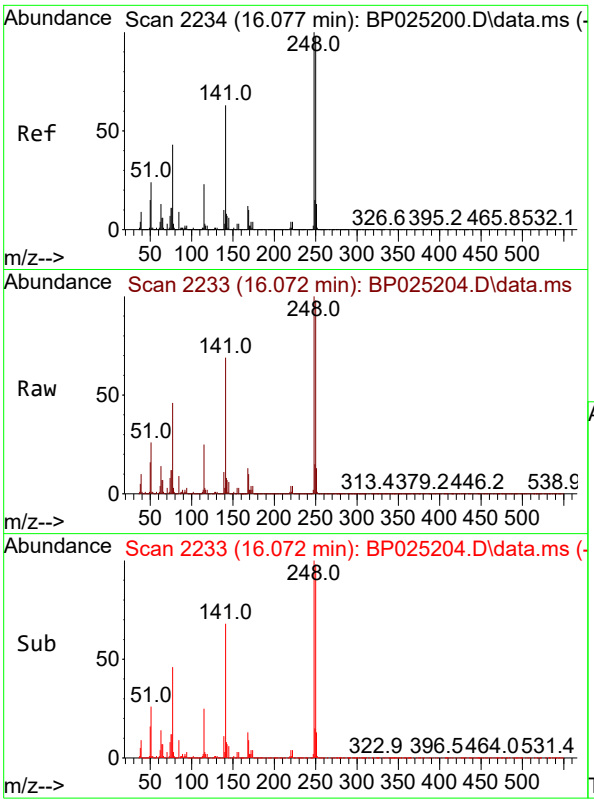


#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:169 Resp: 3726776

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.3	29.0	43.6

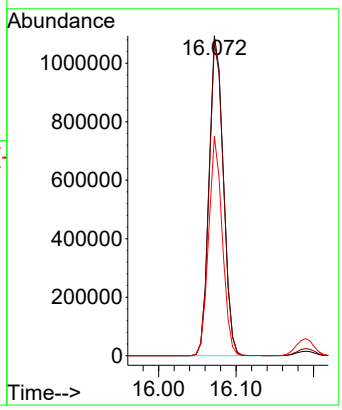




#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:248 Resp: 139965

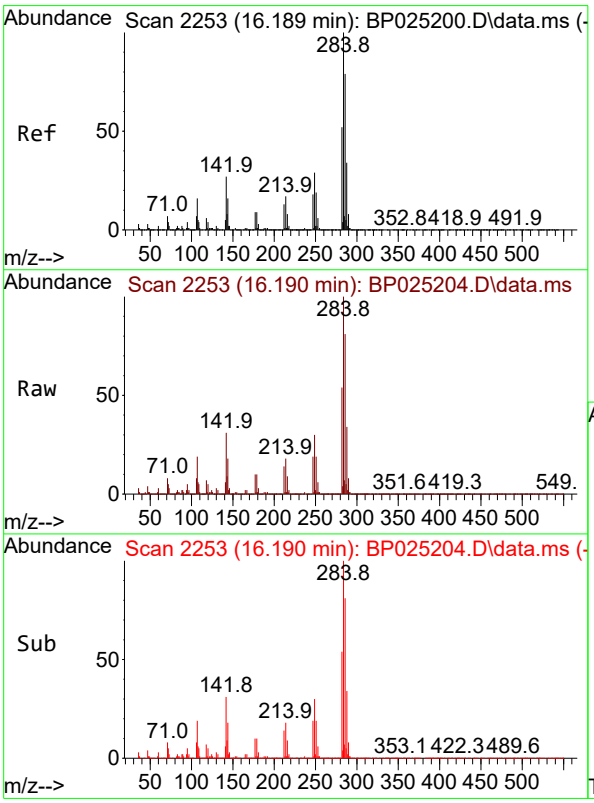
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.5	117.7
141	68.5	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

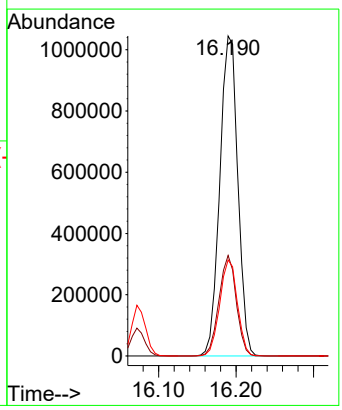
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

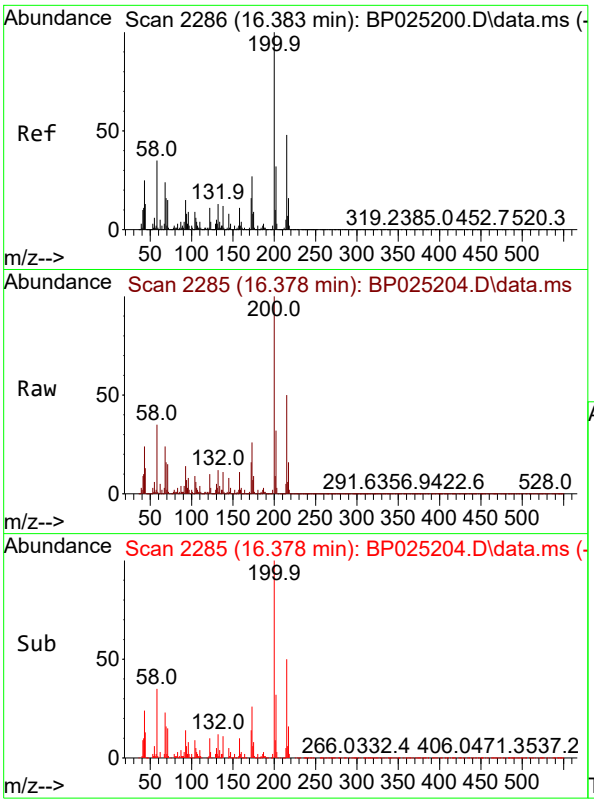


#68
Hexachlorobenzene
Concen: 44.819 ng
RT: 16.190 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:284 Resp: 1692331

Ion	Ratio	Lower	Upper
284	100		
142	31.4	21.5	32.3
249	30.0	23.4	35.0

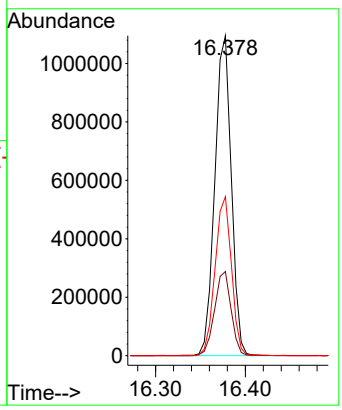




#69
Atrazine
Concen: 45.593 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:200 Resp: 139515

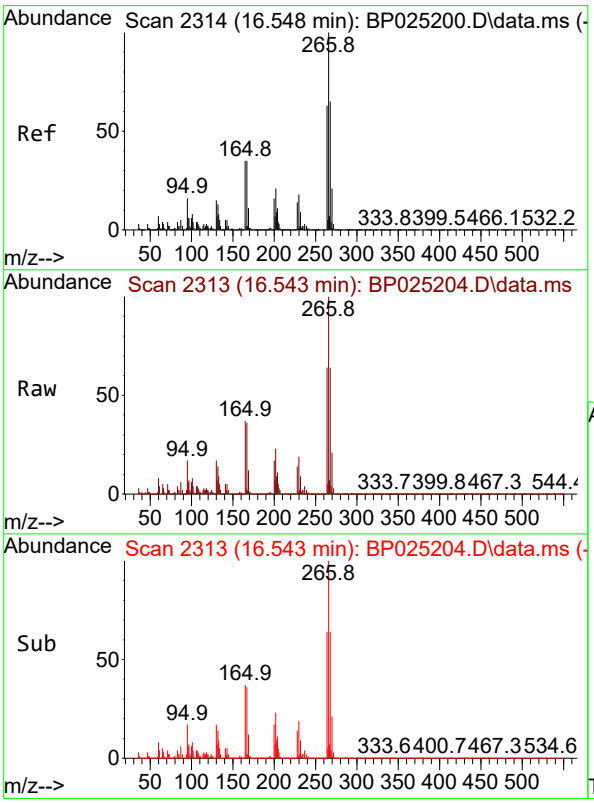
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	49.7	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

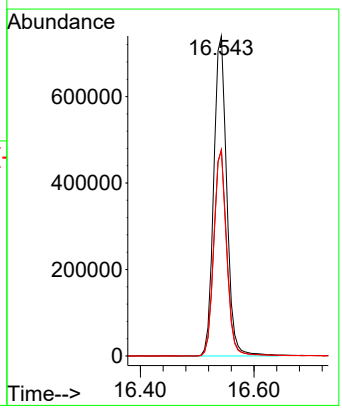
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

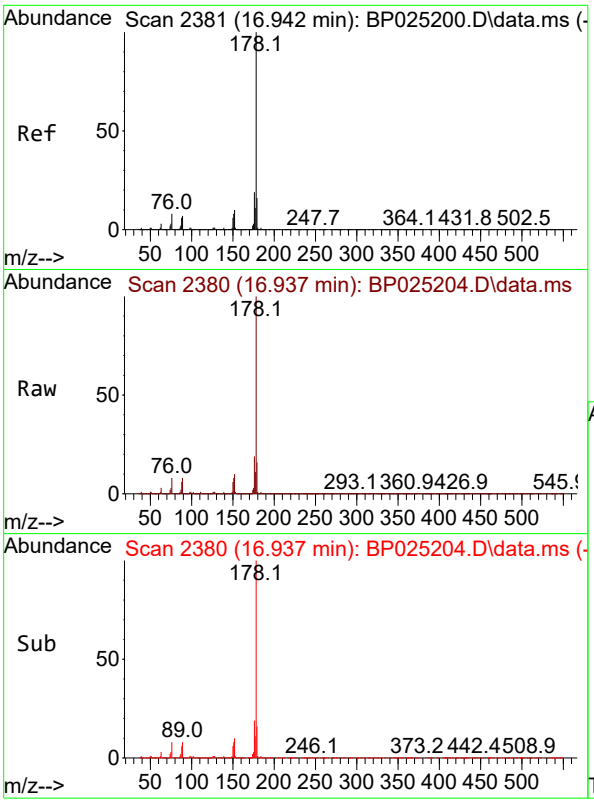


#70
Pentachlorophenol
Concen: 45.651 ng
RT: 16.543 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:266 Resp: 1172182

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.8	77.6
264	64.4	50.3	75.5

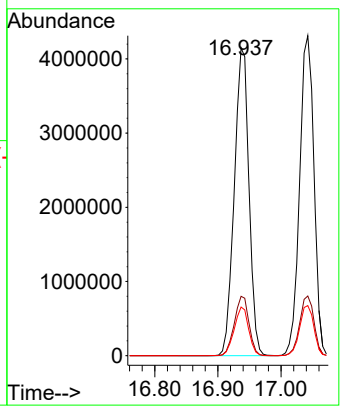




#71
Phenanthrene
Concen: 45.655 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 670861

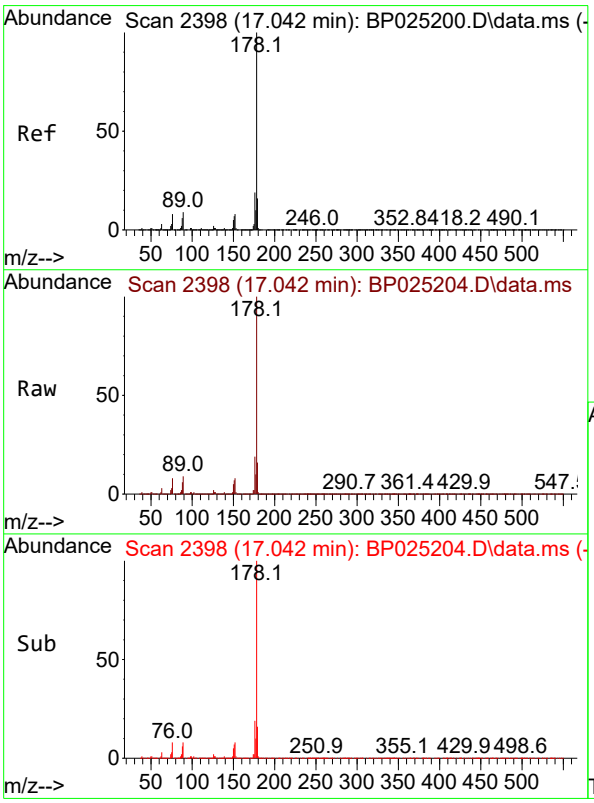
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

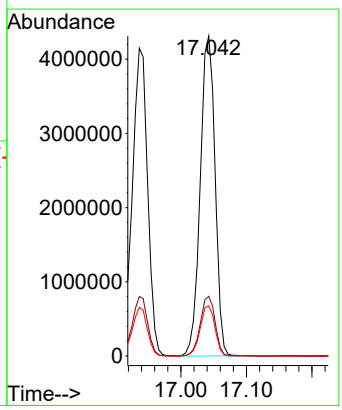
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

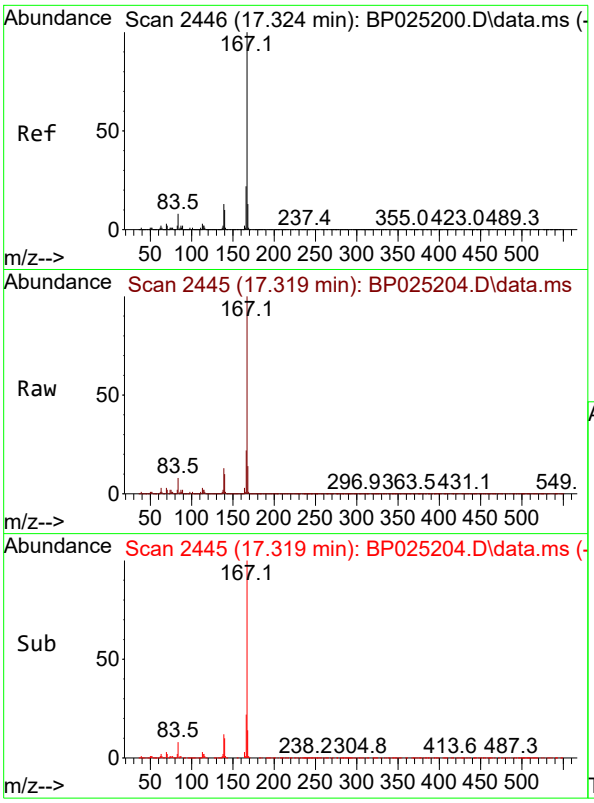


#72
Anthracene
Concen: 45.942 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 6800703

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.5	18.7

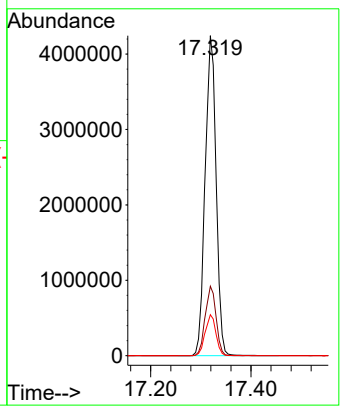




#73
Carbazole
Concen: 45.725 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:167 Resp: 646134

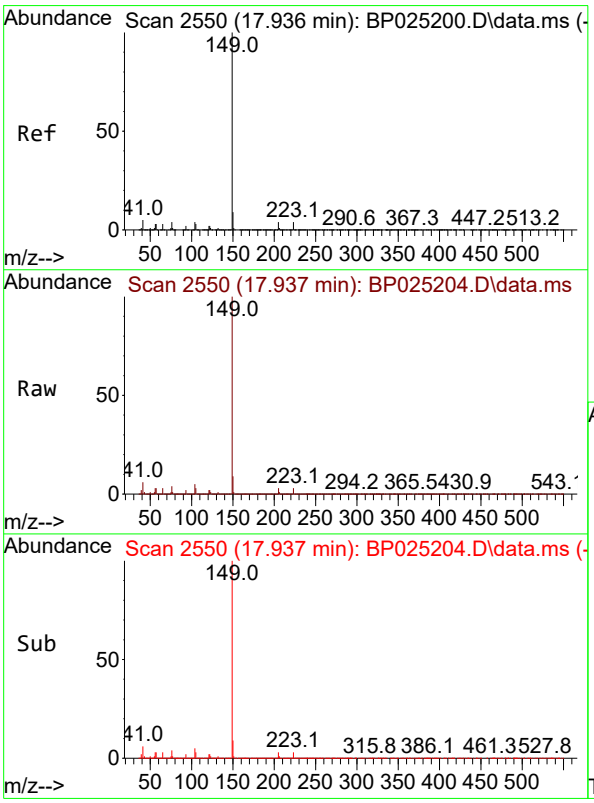
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.8	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

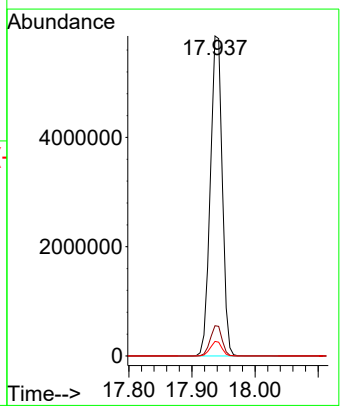
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

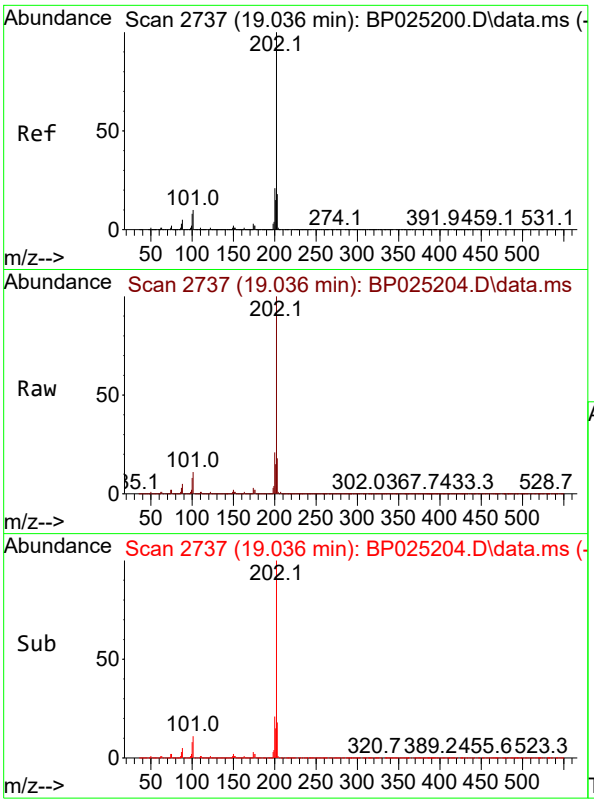


#74
Di-n-butylphthalate
Concen: 47.030 ng
RT: 17.937 min Scan# 2550
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 7668085

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.6	3.5	5.3

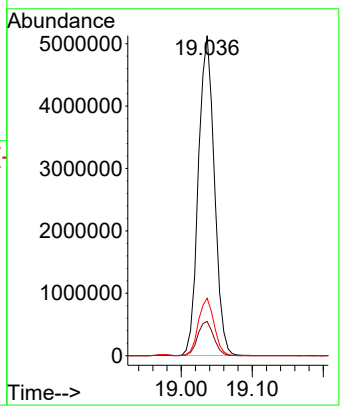




#75
Fluoranthene
Concen: 46.353 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 801619

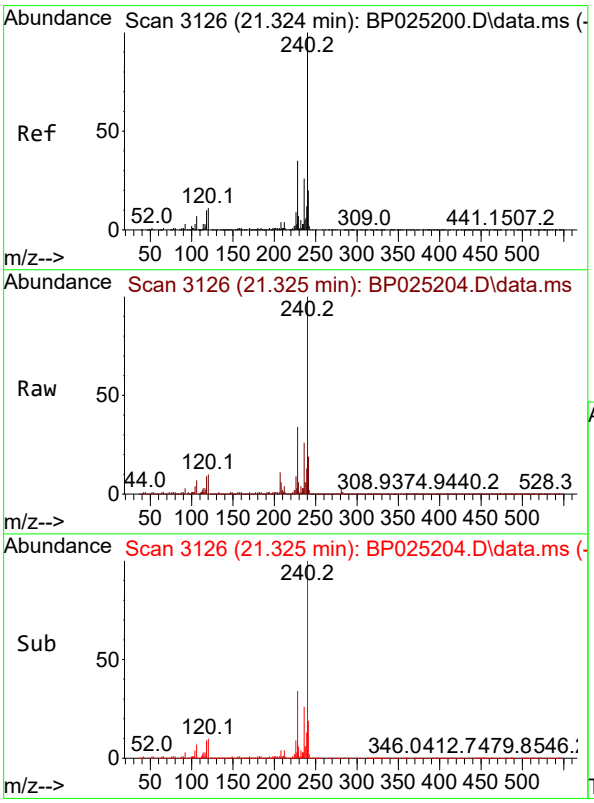
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	17.9	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

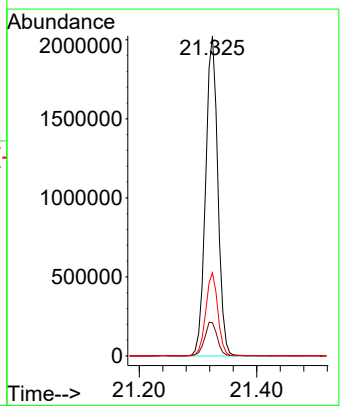
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

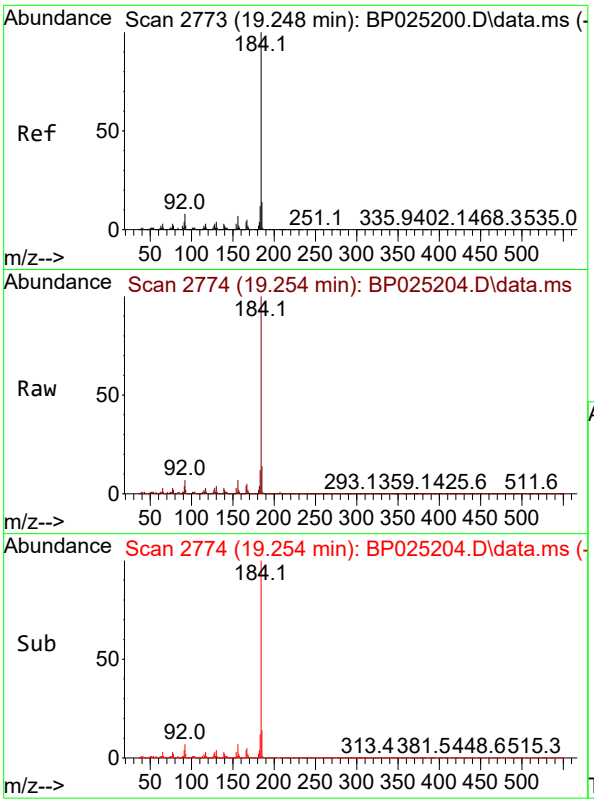


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:240 Resp: 2909374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	26.0	20.9	31.3

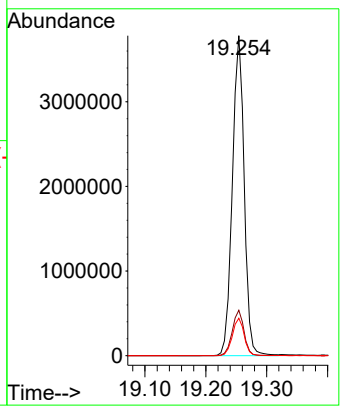




#77
Benzidine
Concen: 49.969 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 510397

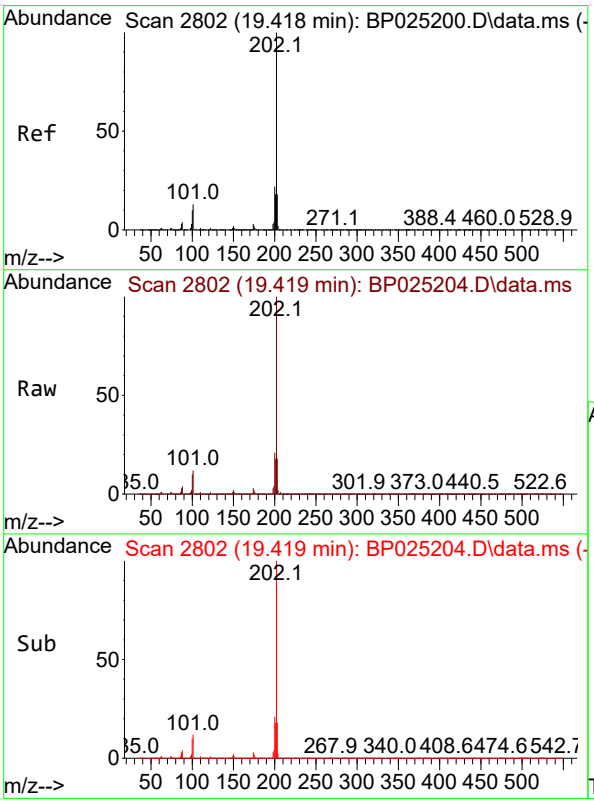
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.7	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

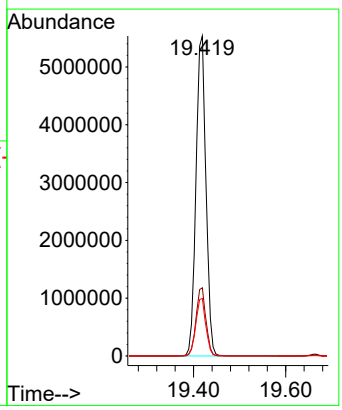
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

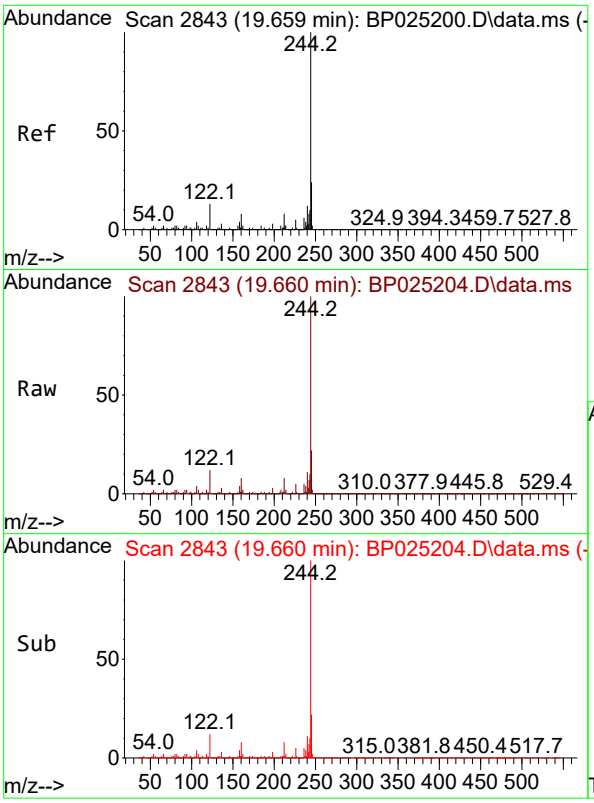


#78
Pyrene
Concen: 46.157 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 8280087

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5

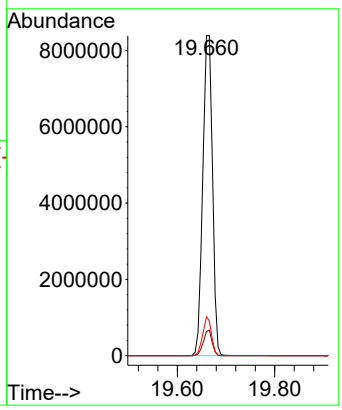




#79
Terphenyl-d14
Concen: 78.518 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:244 Resp:1157218

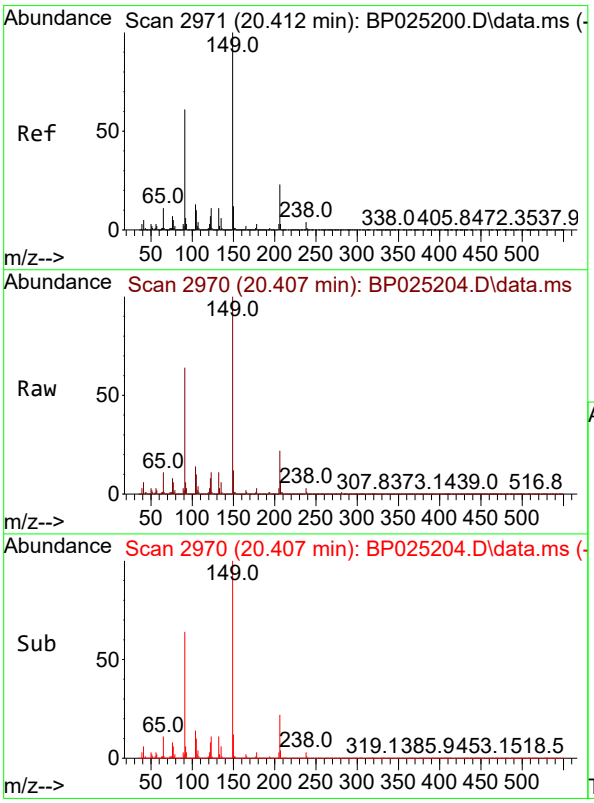
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	12.2	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

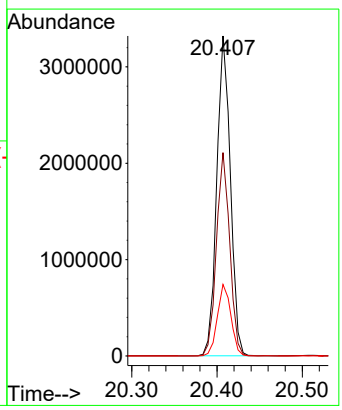
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

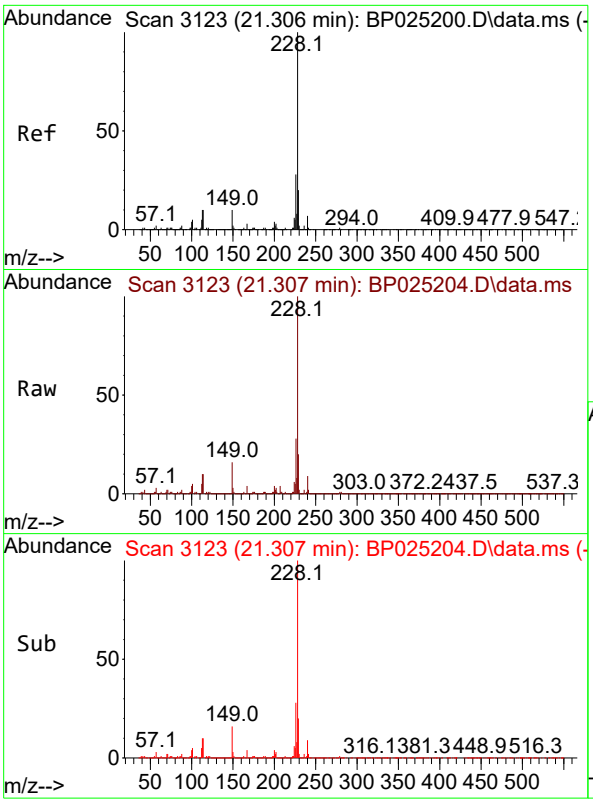


#80
Butylbenzylphthalate
Concen: 45.188 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 3669353

Ion	Ratio	Lower	Upper
149	100		
91	63.6	48.8	73.2
206	22.4	18.4	27.6

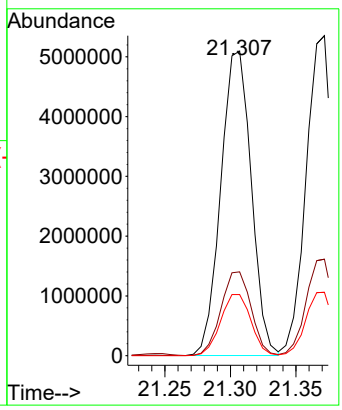




#81
Benzo(a)anthracene
Concen: 44.767 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 822503

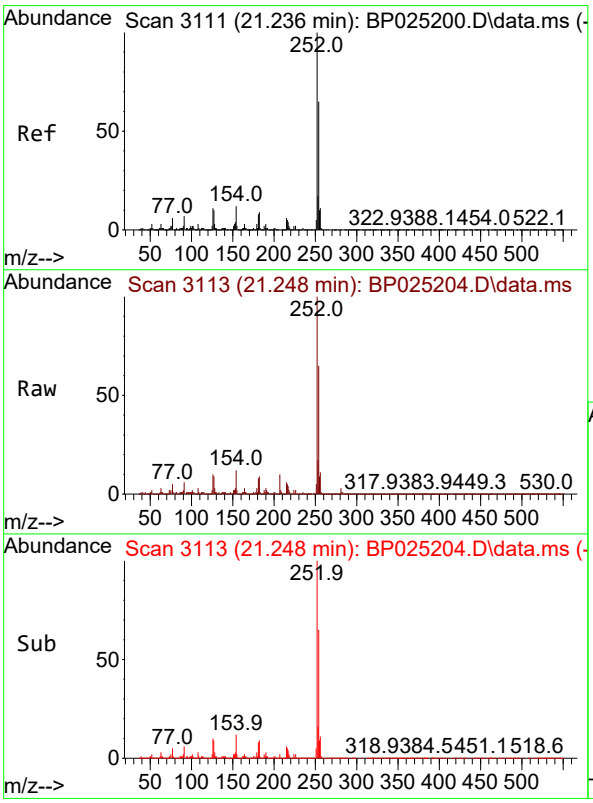
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

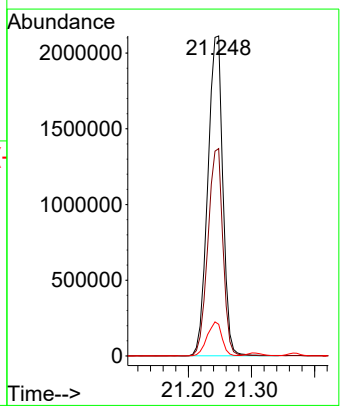
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

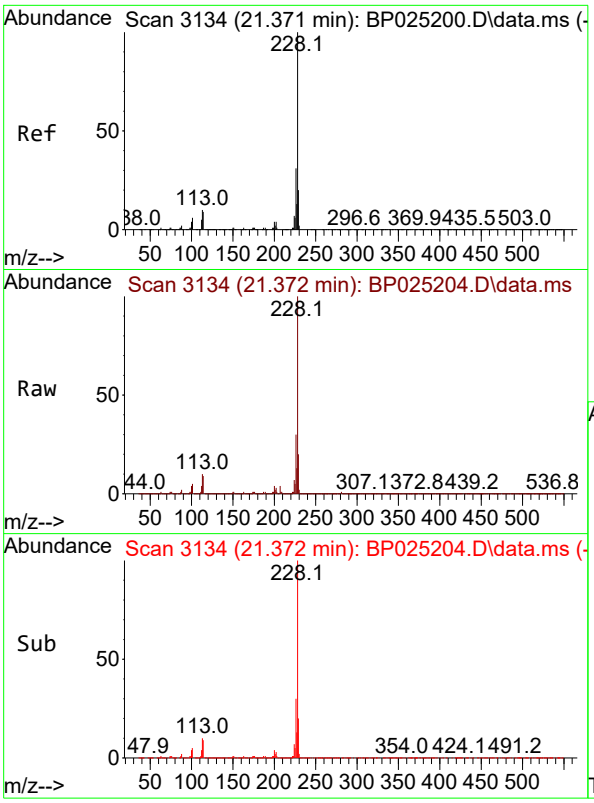


#82
3,3'-Dichlorobenzidine
Concen: 45.857 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 3492411

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	9.9	8.6	12.8

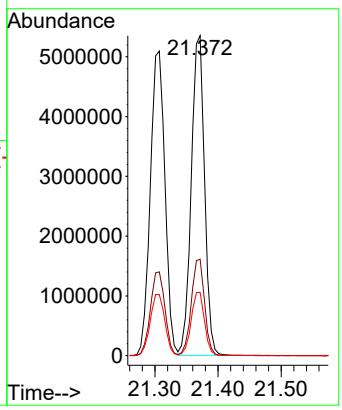




#83
Chrysene
Concen: 45.539 ng
RT: 21.372 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 781032

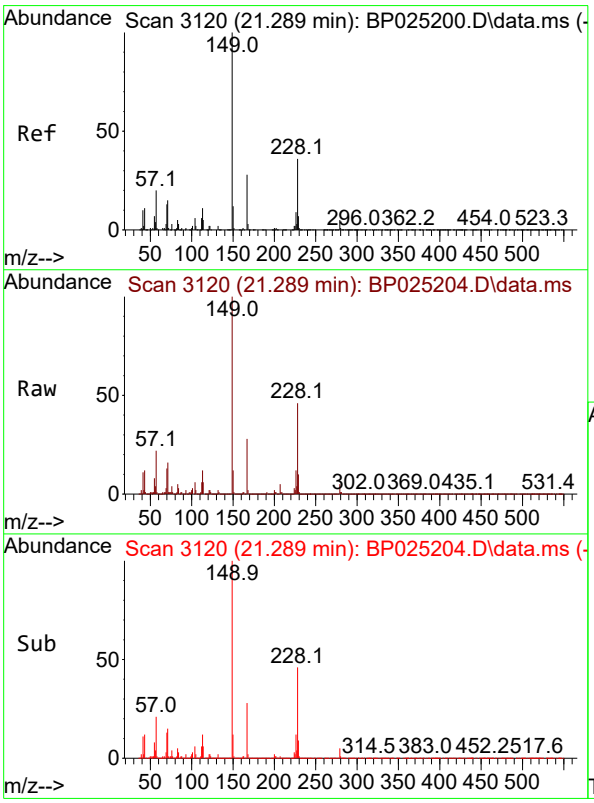
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

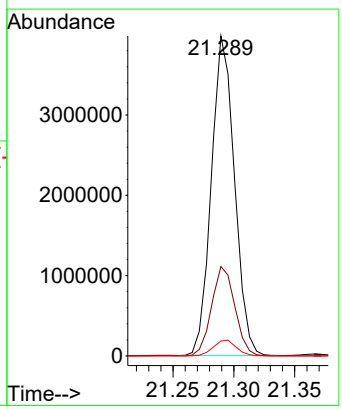
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

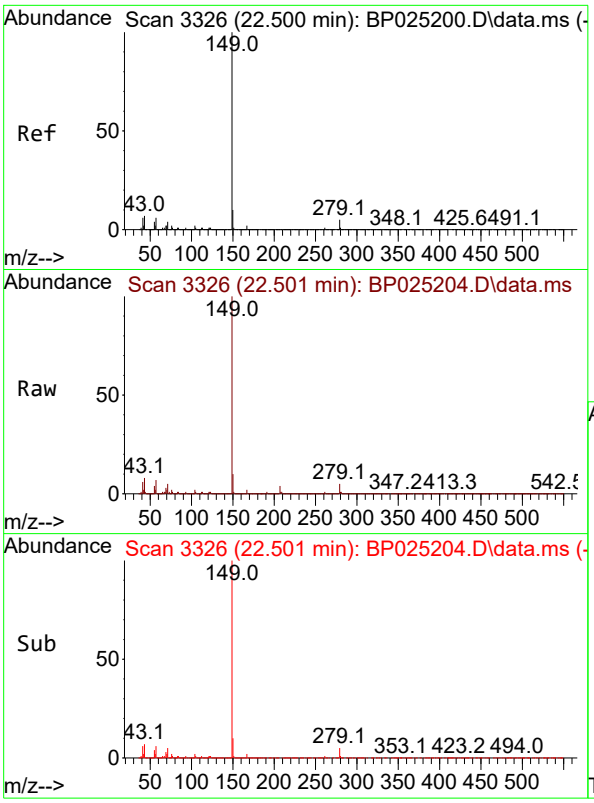


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 5264917

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.7	4.0	6.0

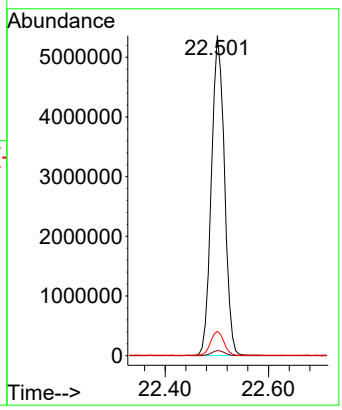




#85
Di-n-octyl phthalate
Concen: 46.799 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 938333

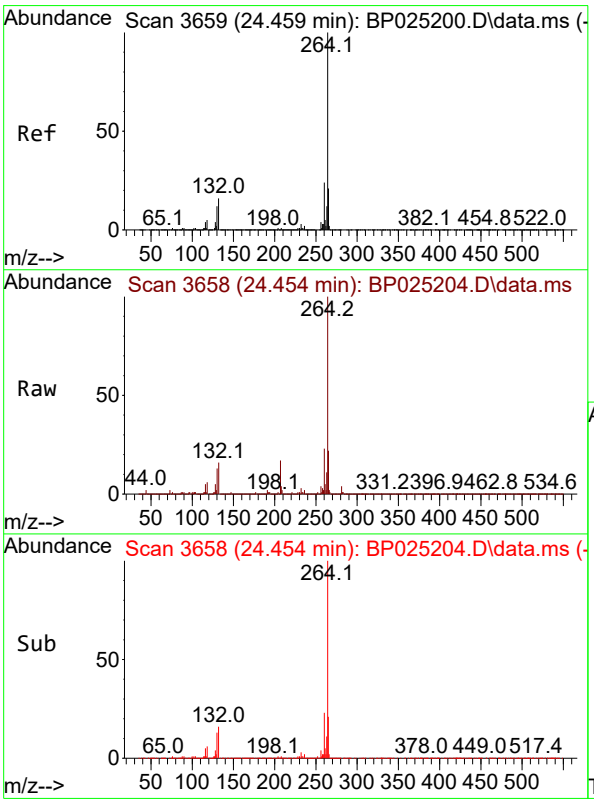
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

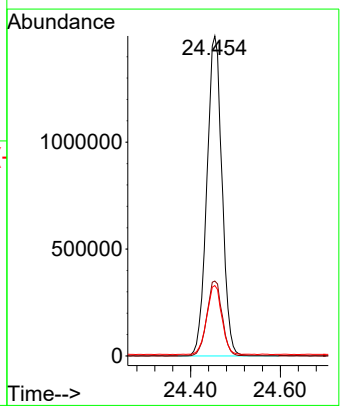
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

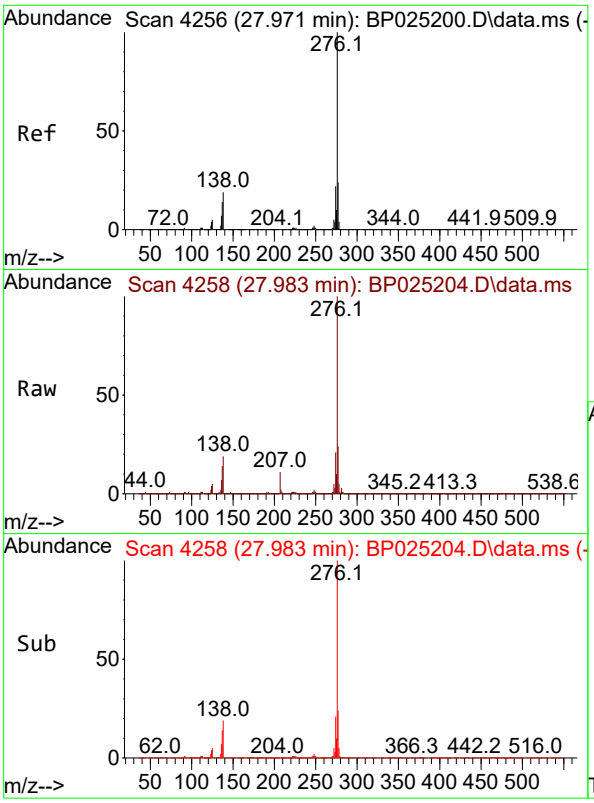


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:264 Resp: 3512838

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.0	17.5	26.3

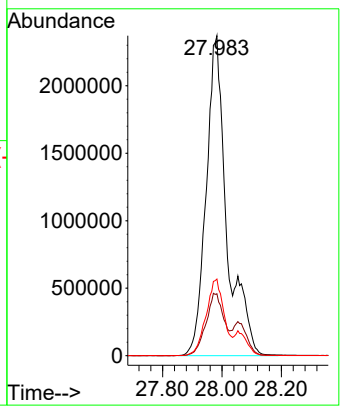




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.760 ng m
RT: 27.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp:1149024

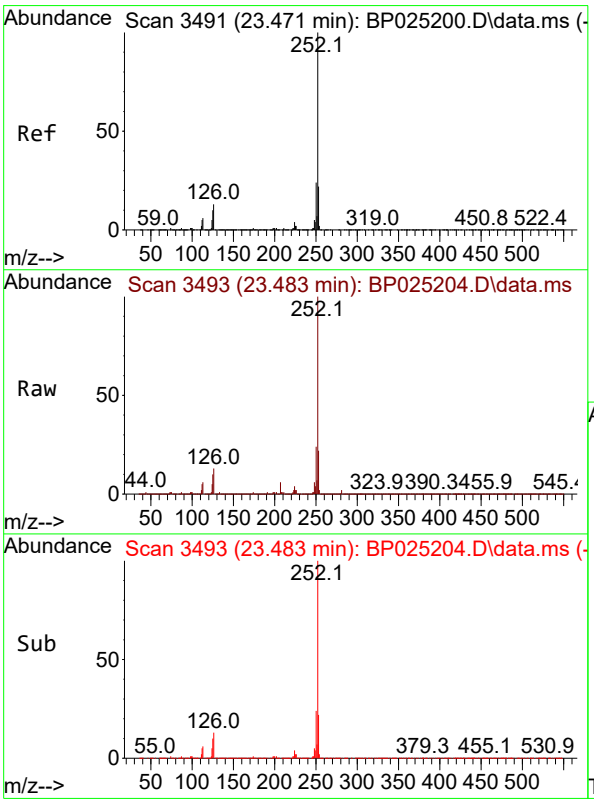
Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.8	19.2
277	20.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

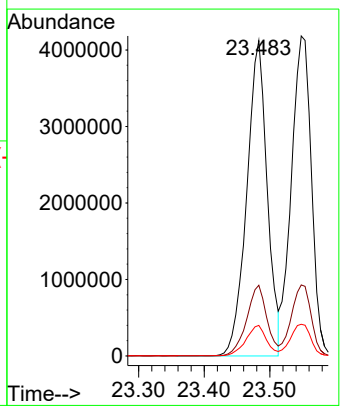
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

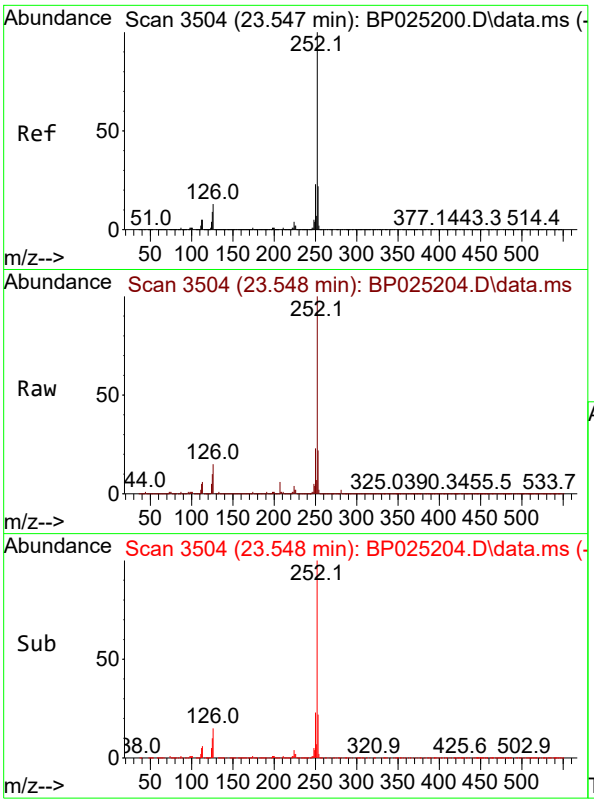


#88
Benzo(b)fluoranthene
Concen: 44.450 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8937938

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.7	7.8	11.8

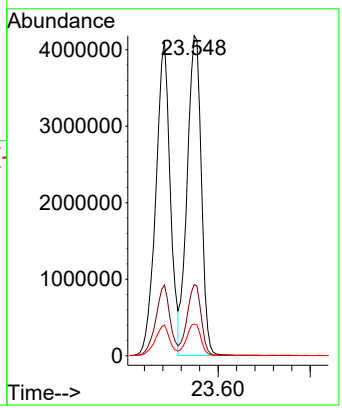




#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 887335

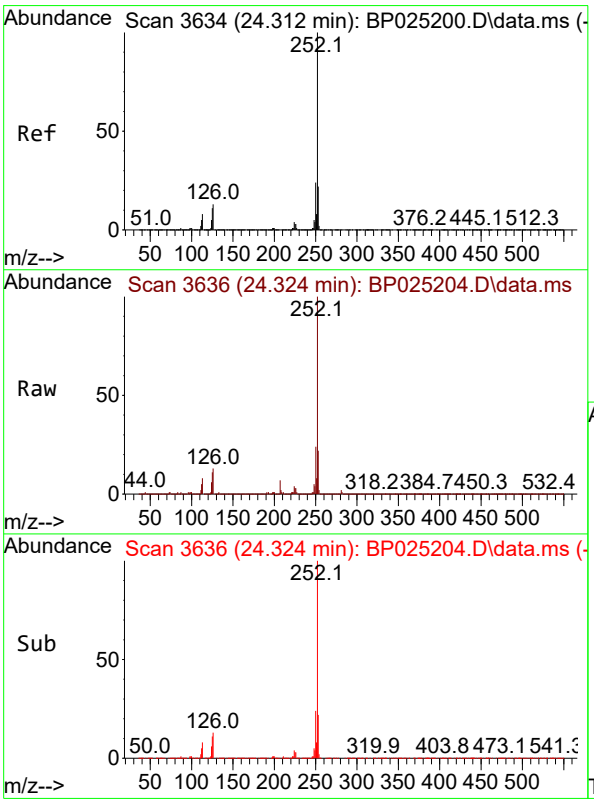
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

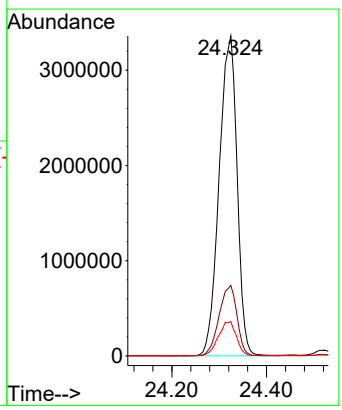
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

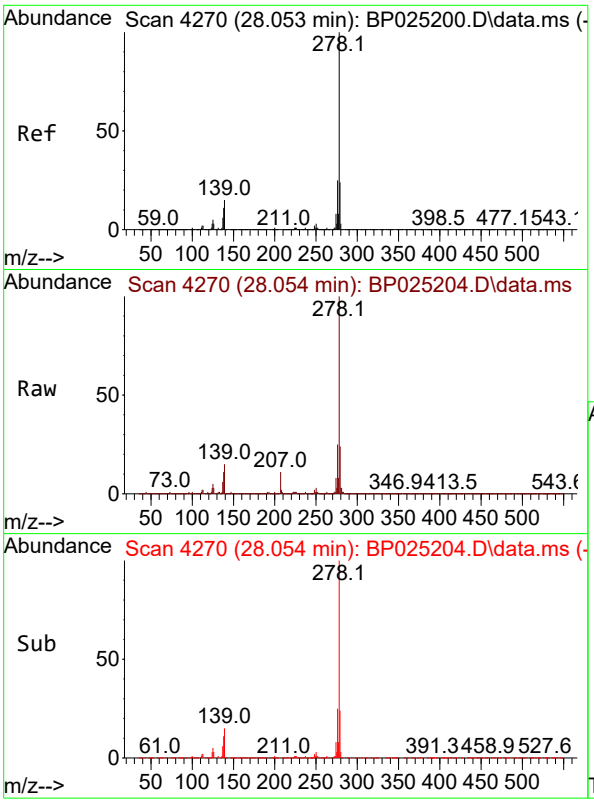


#90
Benzo(a)pyrene
Concen: 45.040 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8836252

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.7	8.6	12.8

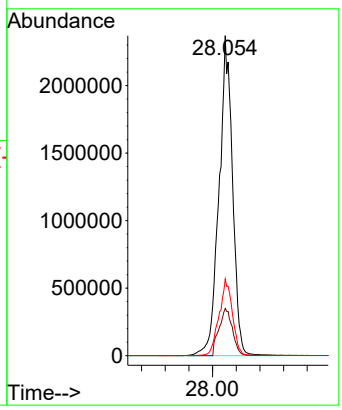




#91
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 28.054 min Scan# 4
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:278 Resp: 939684

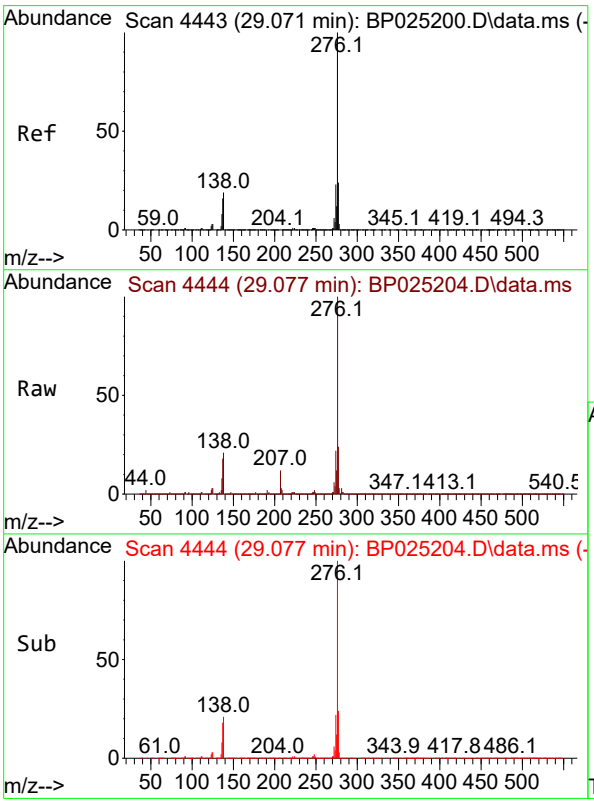
Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.9	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

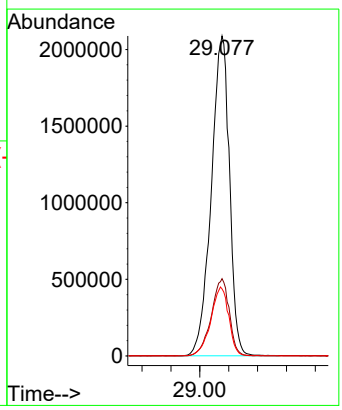
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 44.298 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp: 9117542

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.9	15.4	23.2



Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
2		1,4-Dioxane	0.444	0.480	-8.1	82	0.00
3		Pyridine	1.188	1.345	-13.2	85	0.00
4		n-Nitrosodimethylamine	0.471	0.533	-13.2	83	0.00
5	S	2-Fluorophenol	1.184	1.256	-6.1	79	0.00
6		Aniline	1.916	2.151	-12.3	82	0.00
7	S	Phenol-d6	1.466	1.557	-6.2	78	0.00
8		2-Chlorophenol	1.343	1.517	-13.0	83	0.00
9		Benzaldehyde	0.994	1.033	-3.9	68	0.00
10	C	Phenol	1.520	1.706	-12.2	82	0.00
11		bis(2-Chloroethyl)ether	1.166	1.313	-12.6	83	0.00
12		1,3-Dichlorobenzene	1.510	1.691	-12.0	83	0.00
13	C	1,4-Dichlorobenzene	1.525	1.714	-12.4	83	0.00
14		1,2-Dichlorobenzene	1.467	1.651	-12.5	83	0.00
15		Benzyl Alcohol	1.057	1.197	-13.2	83	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.676	-12.4	83	0.00
17		2-Methylphenol	1.054	1.196	-13.5	83	0.00
18		Hexachloroethane	0.524	0.593	-13.2	84	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	1.006	-14.1	83	0.00
20		3+4-Methylphenols	1.438	1.627	-13.1	83	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.465	0.536	-15.3	84	0.00
23	S	Nitrobenzene-d5	0.360	0.358	0.6	72	0.00
24		Nitrobenzene	0.321	0.370	-15.3	83	0.00
25		Isophorone	0.633	0.717	-13.3	82	0.00
26	C	2-Nitrophenol	0.184	0.213	-15.8	82	0.00
27		2,4-Dimethylphenol	0.308	0.352	-14.3	82	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.450	-13.6	83	0.00
29	C	2,4-Dichlorophenol	0.317	0.361	-13.9	82	0.00
30		1,2,4-Trichlorobenzene	0.346	0.389	-12.4	82	0.00
31		Naphthalene	1.023	1.145	-11.9	81	-0.01
32		Benzoic acid	0.235	0.278	-18.3	84	-0.02
33		4-Chloroaniline	0.450	0.511	-13.6	83	0.00
34	C	Hexachlorobutadiene	0.208	0.231	-11.1	81	0.00
35		Caprolactam	0.105	0.119	-13.3	84	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.363	-14.5	84	0.00
37		2-Methylnaphthalene	0.665	0.737	-10.8	81	0.00
38		1-Methylnaphthalene	0.698	0.787	-12.8	82	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.685	-14.4	83	0.01
41	P	Hexachlorocyclopentadiene	0.358	0.434	-21.2	88	0.00
42	S	2,4,6-Tribromophenol	0.295	0.319	-8.1	80	0.00
43	C	2,4,6-Trichlorophenol	0.410	0.467	-13.9	82	0.00
44		2,4,5-Trichlorophenol	0.451	0.508	-12.6	81	0.00
45	S	2-Fluorobiphenyl	1.419	1.442	-1.6	74	0.00
46		1,1'-Biphenyl	1.450	1.646	-13.5	83	0.00
47		2-Chloronaphthalene	1.132	1.275	-12.6	83	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.289	0.334	-15.6	83	0.00
49		Acenaphthylene	1.831	2.112	-15.3	84	0.00
50		Dimethylphthalate	1.430	1.600	-11.9	83	0.00
51		2,6-Dinitrotoluene	0.311	0.359	-15.4	83	0.00
52	C	Acenaphthene	1.059	1.204	-13.7	84	0.00
53		3-Nitroaniline	0.350	0.402	-14.9	84	0.00
54	P	2,4-Dinitrophenol	0.184	0.215	-16.8	86	0.00
55		Dibenzofuran	1.710	1.961	-14.7	84	0.00
56	P	4-Nitrophenol	0.300	0.347	-15.7	86	0.00
57		2,4-Dinitrotoluene	0.435	0.510	-17.2	84	0.00
58		Fluorene	1.358	1.556	-14.6	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.456	-14.3	84	0.00
60		Diethylphthalate	1.410	1.580	-12.1	82	0.00
61		4-Chlorophenyl-phenylether	0.686	0.777	-13.3	83	0.00
62		4-Nitroaniline	0.356	0.412	-15.7	85	0.00
63		Azobenzene	1.149	1.314	-14.4	84	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.151	-17.1	85	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.684	-12.7	85	0.00
67		4-Bromophenyl-phenylether	0.233	0.257	-10.3	82	0.00
68		Hexachlorobenzene	0.277	0.311	-12.3	82	0.00
69		Atrazine	0.225	0.256	-13.8	86	0.00
70	C	Pentachlorophenol	0.188	0.215	-14.4	84	0.00
71		Phenanthrene	1.079	1.231	-14.1	86	0.00
72		Anthracene	1.087	1.248	-14.8	86	0.00
73		Carbazole	1.037	1.186	-14.4	86	0.00
74		Di-n-butylphthalate	1.197	1.407	-17.5	86	0.00
75	C	Fluoranthene	1.270	1.471	-15.8	87	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77		Benzidine	0.702	0.877	-24.9	82	0.00
78		Pyrene	1.233	1.423	-15.4	89	0.00
79	S	Terphenyl-d14	1.013	0.994	1.9	88	0.00
80		Butylbenzylphthalate	0.558	0.631	-13.1	88	0.00
81		Benzo(a)anthracene	1.263	1.414	-12.0	90	0.00
82		3,3'-Dichlorobenzidine	0.524	0.600	-14.5	93	0.01
83		Chrysene	1.179	1.342	-13.8	92	0.00
84		Bis(2-ethylhexyl)phthalate	0.798	0.905	-13.4	89	0.00
85	c	Di-n-octyl phthalate	1.378	1.613	-17.1	92	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	1.462	1.635	-11.8	93	0.01
88		Benzo(b)fluoranthene	1.145	1.272	-11.1	91	0.01
89		Benzo(k)fluoranthene	1.130	1.263	-11.8	90	0.00
90	C	Benzo(a)pyrene	1.117	1.258	-12.6	92	0.01
91		Dibenzo(a,h)anthracene	1.192	1.338	-12.2	92	0.00
92		Benzo(g,h,i)perylene	1.172	1.298	-10.8	91	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	73	0.00
2		1,4-Dioxane	40.000	43.294	-8.2	82	0.00
3		Pyridine	40.000	45.312	-13.3	85	0.00
4		n-Nitrosodimethylamine	40.000	45.271	-13.2	83	0.00
5	S	2-Fluorophenol	80.000	84.913	-6.1	79	0.00
6		Aniline	40.000	44.906	-12.3	82	0.00
7	S	Phenol-d6	80.000	84.951	-6.2	78	0.00
8		2-Chlorophenol	40.000	45.173	-12.9	83	0.00
9		Benzaldehyde	40.000	41.579	-3.9	68	0.00
10	C	Phenol	40.000	44.894	-12.2	82	0.00
11		bis(2-Chloroethyl)ether	40.000	45.044	-12.6	83	0.00
12		1,3-Dichlorobenzene	40.000	44.791	-12.0	83	0.00
13	C	1,4-Dichlorobenzene	40.000	44.972	-12.4	83	0.00
14		1,2-Dichlorobenzene	40.000	45.020	-12.6	83	0.00
15		Benzyl Alcohol	40.000	45.260	-13.1	83	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	44.953	-12.4	83	0.00
17		2-Methylphenol	40.000	45.385	-13.5	83	0.00
18		Hexachloroethane	40.000	45.213	-13.0	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	45.622	-14.1	83	0.00
20		3+4-Methylphenols	40.000	45.254	-13.1	83	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	46.041	-15.1	84	0.00
23	S	Nitrobenzene-d5	80.000	79.573	0.5	72	0.00
24		Nitrobenzene	40.000	46.187	-15.5	83	0.00
25		Isophorone	40.000	45.319	-13.3	82	0.00
26	C	2-Nitrophenol	40.000	46.272	-15.7	82	0.00
27		2,4-Dimethylphenol	40.000	45.737	-14.3	82	0.00
28		bis(2-Chloroethoxy)methane	40.000	45.503	-13.8	83	0.00
29	C	2,4-Dichlorophenol	40.000	45.622	-14.1	82	0.00
30		1,2,4-Trichlorobenzene	40.000	44.986	-12.5	82	0.00
31		Naphthalene	40.000	44.759	-11.9	81	-0.01
32		Benzoic acid	40.000	47.203	-18.0	84	-0.02
33		4-Chloroaniline	40.000	45.428	-13.6	83	0.00
34	C	Hexachlorobutadiene	40.000	44.380	-11.0	81	0.00
35		Caprolactam	40.000	45.393	-13.5	84	0.00
36	C	4-Chloro-3-methylphenol	40.000	45.907	-14.8	84	0.00
37		2-Methylnaphthalene	40.000	44.372	-10.9	81	0.00
38		1-Methylnaphthalene	40.000	45.095	-12.7	82	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	45.726	-14.3	83	0.01
41	P	Hexachlorocyclopentadiene	40.000	48.517	-21.3	88	0.00
42	S	2,4,6-Tribromophenol	80.000	86.546	-8.2	80	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.567	-13.9	82	0.00
44		2,4,5-Trichlorophenol	40.000	45.080	-12.7	81	0.00
45	S	2-Fluorobiphenyl	80.000	81.308	-1.6	74	0.00
46		1,1'-Biphenyl	40.000	45.416	-13.5	83	0.00
47		2-Chloronaphthalene	40.000	45.062	-12.7	83	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.176	-15.4	83	0.00
49		Acenaphthylene	40.000	46.141	-15.4	84	0.00
50		Dimethylphthalate	40.000	44.753	-11.9	83	0.00
51		2,6-Dinitrotoluene	40.000	46.230	-15.6	83	0.00
52	C	Acenaphthene	40.000	45.507	-13.8	84	0.00
53		3-Nitroaniline	40.000	45.931	-14.8	84	0.00
54	P	2,4-Dinitrophenol	40.000	46.791	-17.0	86	0.00
55		Dibenzofuran	40.000	45.869	-14.7	84	0.00
56	P	4-Nitrophenol	40.000	46.237	-15.6	86	0.00
57		2,4-Dinitrotoluene	40.000	46.930	-17.3	84	0.00
58		Fluorene	40.000	45.851	-14.6	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.744	-14.4	84	0.00
60		Diethylphthalate	40.000	44.844	-12.1	82	0.00
61		4-Chlorophenyl-phenylether	40.000	45.300	-13.2	83	0.00
62		4-Nitroaniline	40.000	46.208	-15.5	85	0.00
63		Azobenzene	40.000	45.735	-14.3	84	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.654	-16.6	85	0.00
66	c	n-Nitrosodiphenylamine	40.000	45.067	-12.7	85	0.00
67		4-Bromophenyl-phenylether	40.000	44.020	-10.1	82	0.00
68		Hexachlorobenzene	40.000	44.819	-12.0	82	0.00
69		Atrazine	40.000	45.593	-14.0	86	0.00
70	C	Pentachlorophenol	40.000	45.651	-14.1	84	0.00
71		Phenanthrene	40.000	45.655	-14.1	86	0.00
72		Anthracene	40.000	45.942	-14.9	86	0.00
73		Carbazole	40.000	45.725	-14.3	86	0.00
74		Di-n-butylphthalate	40.000	47.030	-17.6	86	0.00
75	C	Fluoranthene	40.000	46.353	-15.9	87	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77		Benzidine	40.000	49.969	-24.9	82	0.00
78		Pyrene	40.000	46.157	-15.4	89	0.00
79	S	Terphenyl-d14	80.000	78.518	1.9	88	0.00
80		Butylbenzylphthalate	40.000	45.188	-13.0	88	0.00
81		Benzo(a)anthracene	40.000	44.767	-11.9	90	0.00
82		3,3'-Dichlorobenzidine	40.000	45.857	-14.6	93	0.01
83		Chrysene	40.000	45.539	-13.8	92	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.344	-13.4	89	0.00
85	c	Di-n-octyl phthalate	40.000	46.799	-17.0	92	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	44.760	-11.9	93	0.01
88		Benzo(b)fluoranthene	40.000	44.450	-11.1	91	0.01
89		Benzo(k)fluoranthene	40.000	44.700	-11.8	90	0.00
90	C	Benzo(a)pyrene	40.000	45.040	-12.6	92	0.01
91		Dibenzo(a,h)anthracene	40.000	44.867	-12.2	92	0.00
92		Benzo(g,h,i)perylene	40.000	44.298	-10.7	91	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q2641

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 15:23

Lab File ID: BF143189.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.527		-1.6	
2-Fluorophenol	1.264	1.251		-1.0	
Phenol-d6	1.591	1.592		0.1	
1,4-Dichlorobenzene	1.449	1.455		0.4	20.0
2-Methylphenol	1.114	1.126		1.1	
3+4-Methylphenols	1.351	1.397		3.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.383		2.4	
Hexachlorobutadiene	0.184	0.183		-0.5	20.0
2,4,6-Trichlorophenol	0.400	0.390		-2.5	20.0
2-Fluorobiphenyl	1.462	1.403		-4.0	
2,4,5-Trichlorophenol	0.400	0.403		0.8	
2,4-Dinitrotoluene	0.333	0.359		7.8	
2,4,6-Tribromophenol	0.207	0.210		1.4	
Hexachlorobenzene	0.249	0.241		-3.2	
Pentachlorophenol	0.147	0.155		5.4	20.0
Terphenyl-d14	1.344	1.253		-6.8	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	121745	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	475525	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	246814	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	395216	20.000	ng		0.00
76) Chrysene-d12	14.127	240	234922	20.000	ng		0.00
86) Perylene-d12	15.633	264	268523	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	609302	79.198	ng		0.00
7) Phenol-d6	6.587	99	775213	80.055	ng		0.00
23) Nitrobenzene-d5	7.522	82	775249	81.266	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	206842	81.123	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1384823	76.735	ng		0.00
79) Terphenyl-d14	13.069	244	1177750	74.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	141823	38.959	ng		100
3) Pyridine	3.587	79	371810	39.351	ng		99
4) n-Nitrosodimethylamine	3.522	42	196228	40.224	ng		98
6) Aniline	6.628	93	538010	39.865	ng		99
8) 2-Chlorophenol	6.751	128	326533	40.492	ng		98
9) Benzaldehyde	6.516	77	275389	37.926	ng		100
10) Phenol	6.598	94	445290	42.211	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	320130	39.634	ng		99
12) 1,3-Dichlorobenzene	6.910	146	348639	39.797	ng		99
13) 1,4-Dichlorobenzene	6.981	146	354325	40.163	ng		100
14) 1,2-Dichlorobenzene	7.134	146	339632	40.476	ng		99
15) Benzyl Alcohol	7.098	79	301897	40.831	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	606219	40.459	ng		99
17) 2-Methylphenol	7.210	107	274065	40.419	ng		99
18) Hexachloroethane	7.481	117	126249	41.338	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	242073	38.965	ng		99
20) 3+4-Methylphenols	7.363	107	340248	41.359	ng	#	83
22) Acetophenone	7.369	105	439058	38.999	ng		99
24) Nitrobenzene	7.540	77	364284	40.959	ng		97
25) Isophorone	7.781	82	660564	39.224	ng		100
26) 2-Nitrophenol	7.857	139	170696	44.222	ng		98
27) 2,4-Dimethylphenol	7.892	122	307026	39.022	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	393674	38.989	ng		100
29) 2,4-Dichlorophenol	8.098	162	266947	40.231	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	281712	39.298	ng		100
31) Naphthalene	8.269	128	922608	39.396	ng		100
32) Benzoic acid	7.987	122	189740	43.370	ng		100
33) 4-Chloroaniline	8.310	127	379789	39.717	ng		100
34) Hexachlorobutadiene	8.392	225	173811	39.691	ng		98
35) Caprolactam	8.675	113	83668	41.728	ng		98
36) 4-Chloro-3-methylphenol	8.787	107	286577	39.736	ng		98
37) 2-Methylnaphthalene	8.957	142	558861	39.216	ng		100
38) 1-Methylnaphthalene	9.057	142	579800	39.510	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	276101	38.747	ng		99
41) Hexachlorocyclopentadiene	9.116	237	183333	39.541	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	192759	39.086	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

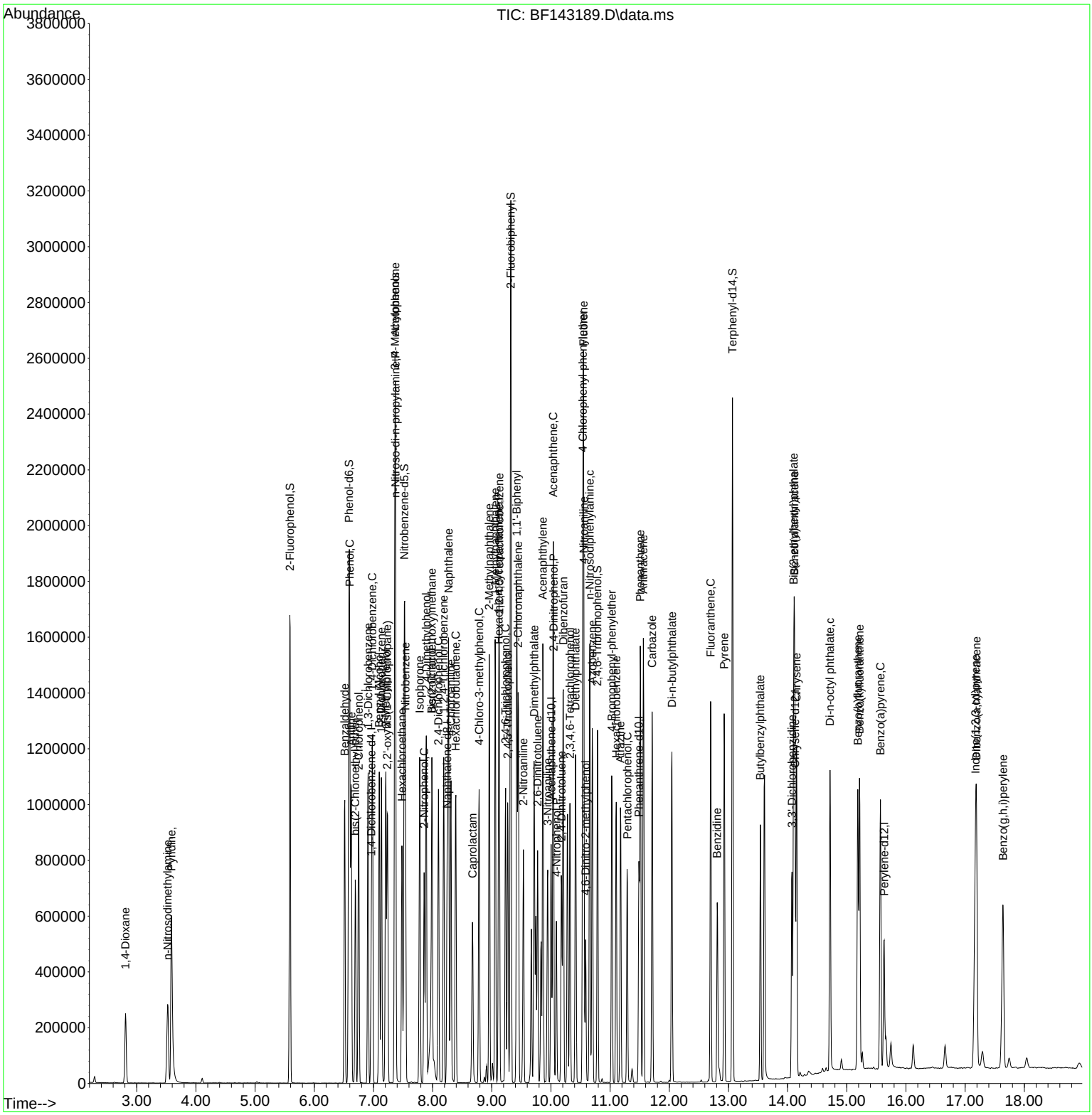
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	198731	40.285	ng		98
46) 1,1'-Biphenyl	9.422	154	754285	39.171	ng		99
47) 2-Chloronaphthalene	9.445	162	551856	38.731	ng		100
48) 2-Nitroaniline	9.534	65	190970	42.740	ng		98
49) Acenaphthylene	9.863	152	934478	39.136	ng		100
50) Dimethylphthalate	9.716	163	629874	39.152	ng		100
51) 2,6-Dinitrotoluene	9.775	165	136310	41.650	ng		98
52) Acenaphthene	10.039	154	556618	39.440	ng		97
53) 3-Nitroaniline	9.945	138	157487	41.140	ng		98
54) 2,4-Dinitrophenol	10.045	184	60068	43.787	ng		78
55) Dibenzofuran	10.210	168	814014	38.849	ng		99
56) 4-Nitrophenol	10.092	139	115153	40.283	ng		100
57) 2,4-Dinitrotoluene	10.181	165	177050	43.119	ng		93
58) Fluorene	10.551	166	603434	38.372	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	166321	40.701	ng		100
60) Diethylphthalate	10.416	149	619966	38.988	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	302855	38.676	ng		99
62) 4-Nitroaniline	10.557	138	135159	41.196	ng		99
63) Azobenzene	10.698	77	636485	38.405	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	84461	41.582	ng		98
66) n-Nitrosodiphenylamine	10.657	169	539169	38.742	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	185567	39.399	ng		99
68) Hexachlorobenzene	11.104	284	190328	38.662	ng		98
69) Atrazine	11.175	200	156196	40.711	ng		99
70) Pentachlorophenol	11.292	266	122659	42.369	ng		99
71) Phenanthrene	11.510	178	822568	39.198	ng		99
72) Anthracene	11.563	178	843171	39.397	ng		99
73) Carbazole	11.710	167	745732	39.904	ng		99
74) Di-n-butylphthalate	12.045	149	849173	40.158	ng		99
75) Fluoranthene	12.698	202	766621	39.801	ng		99
77) Benzidine	12.810	184	371006	40.991	ng		99
78) Pyrene	12.927	202	764286	38.120	ng		100
80) Butylbenzylphthalate	13.539	149	286273	46.629	ng		100
81) Benzo(a)anthracene	14.116	228	616503	39.198	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	225253	42.971	ng		99
83) Chrysene	14.151	228	568603	40.210	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	410770	44.204	ng		99
85) Di-n-octyl phthalate	14.716	149	715376	42.471	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	700038	36.972	ng		99
88) Benzo(b)fluoranthene	15.186	252	669179	40.793	ng		100
89) Benzo(k)fluoranthene	15.216	252	536517	36.651	ng		99
90) Benzo(a)pyrene	15.568	252	598833	39.621	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	567481	36.822	ng		99
92) Benzo(g,h,i)perylene	17.639	276	548789	36.812	ng		99

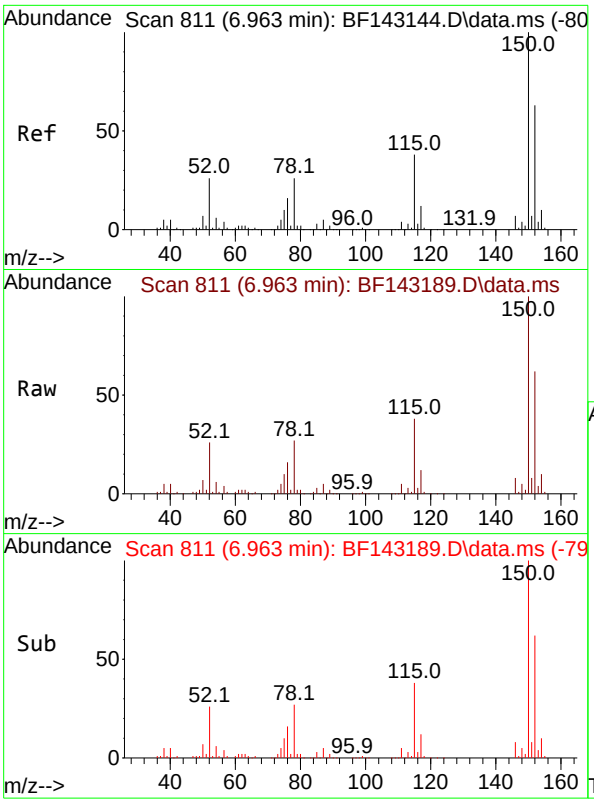
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



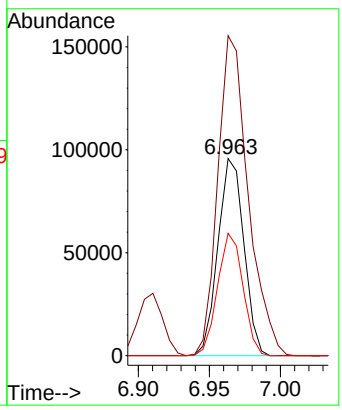


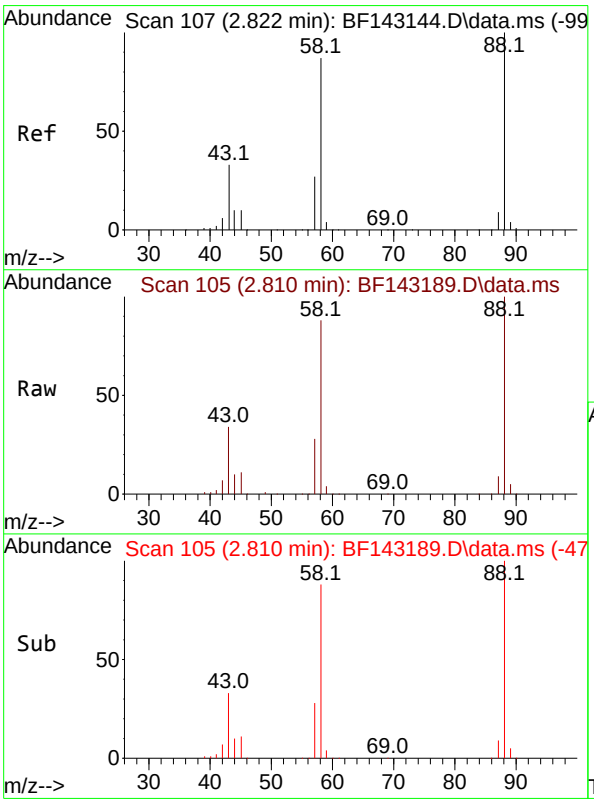
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 121745

Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.2	192.4
115	62.1	47.9	71.9

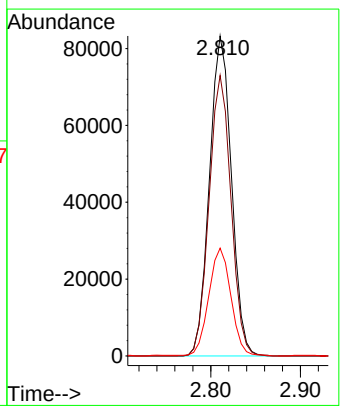


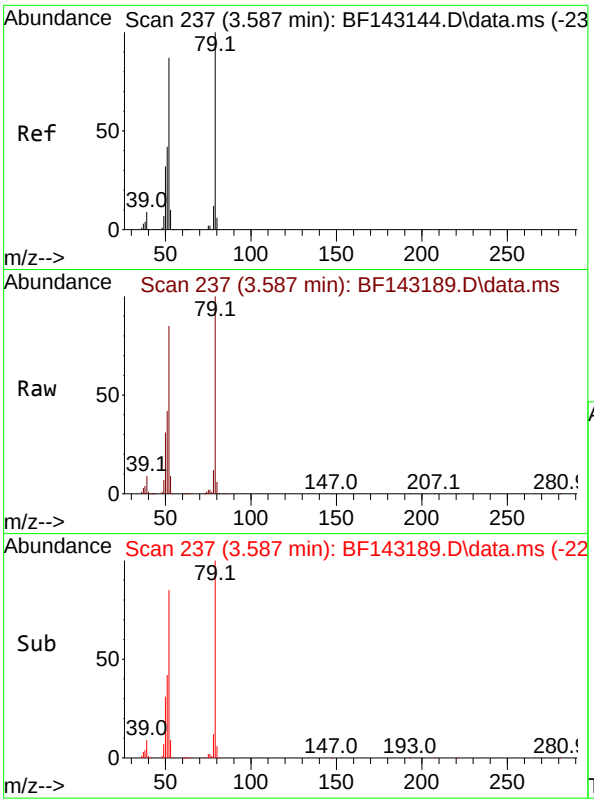


#2
1,4-Dioxane
Concen: 38.959 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 88 Resp: 141823

Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.2	105.2
43	34.1	27.1	40.7



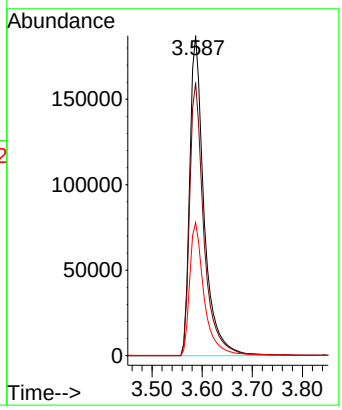


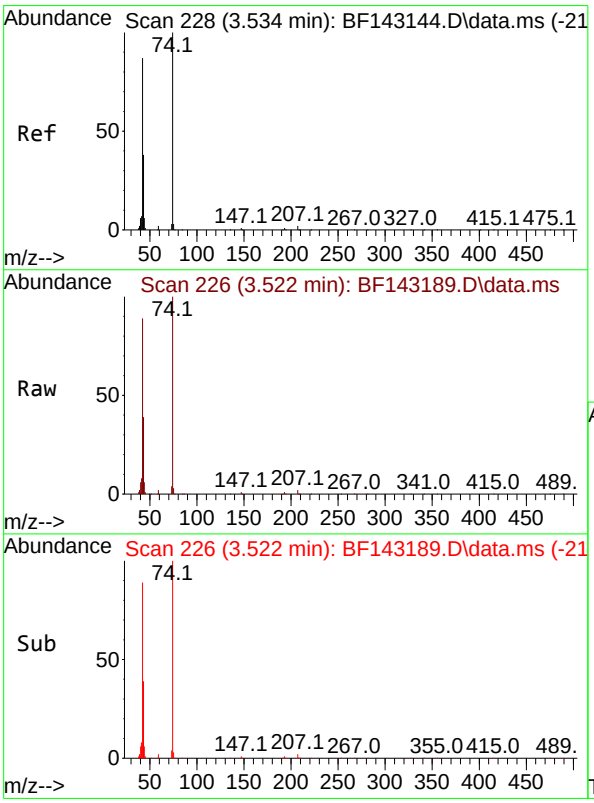
#3
Pyridine
Concen: 39.351 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 371810

Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.6	33.5	50.3

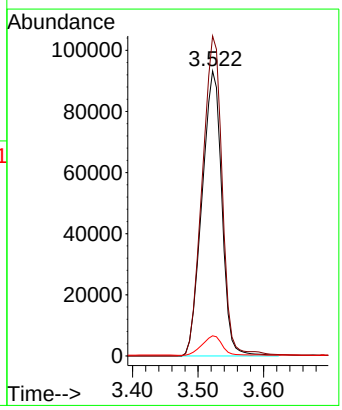


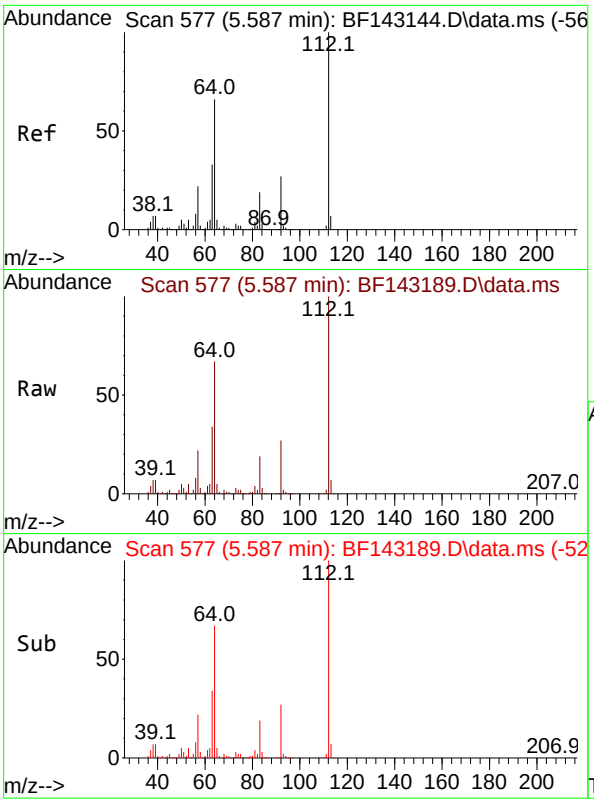


#4
n-Nitrosodimethylamine
Concen: 40.224 ng
RT: 3.522 min Scan# 226
Delta R.T. -0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 42 Resp: 196228

Ion	Ratio	Lower	Upper
42	100		
74	112.3	91.7	137.5
44	7.1	5.6	8.4



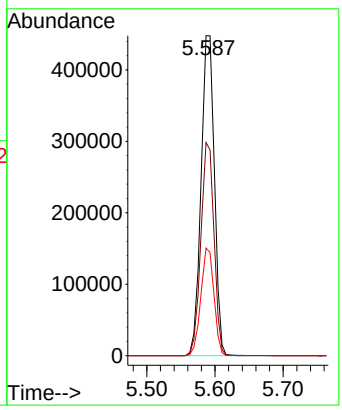


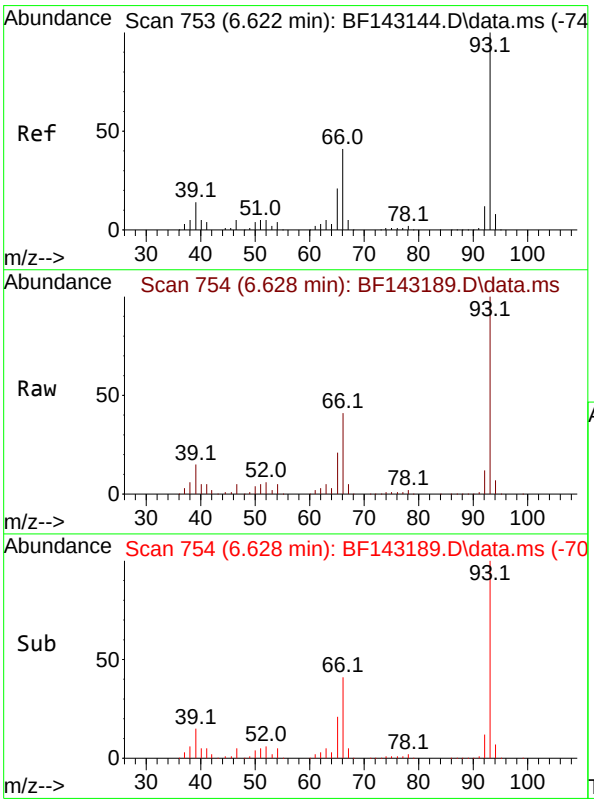
#5
2-Fluorophenol
Concen: 79.198 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 609302

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.7	26.6	40.0

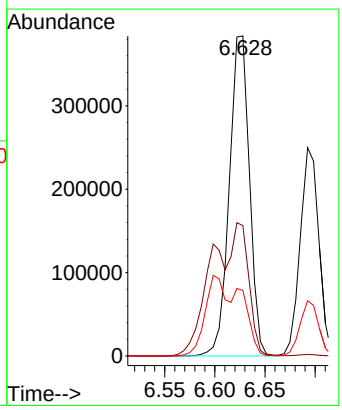


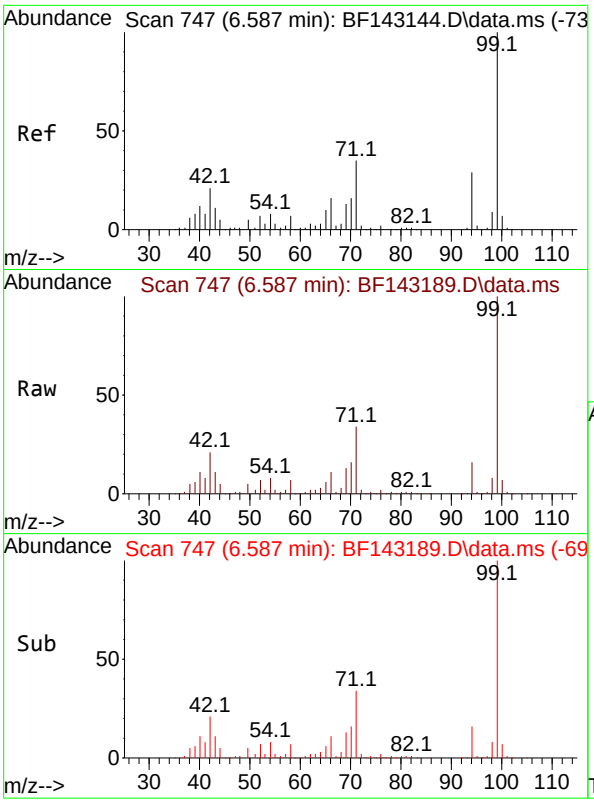


#6
Aniline
Concen: 39.865 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 93 Resp: 538010

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	20.5	16.9	25.3



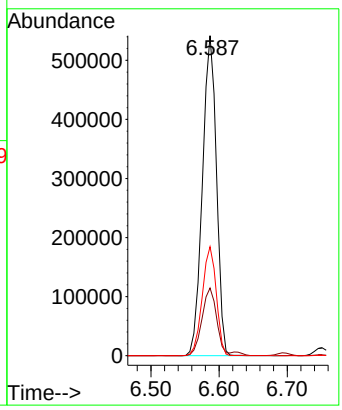


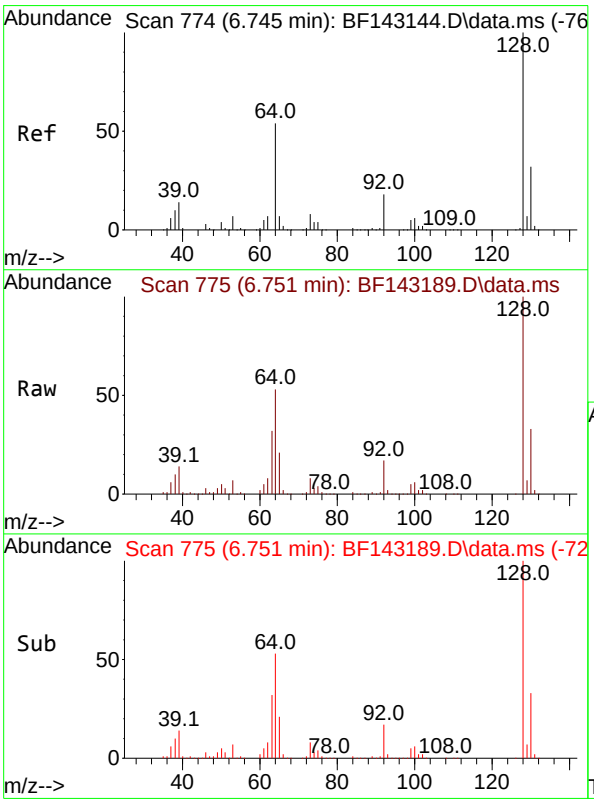
#7
Phenol-d6
Concen: 80.055 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 775213

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	34.1	27.7	41.5

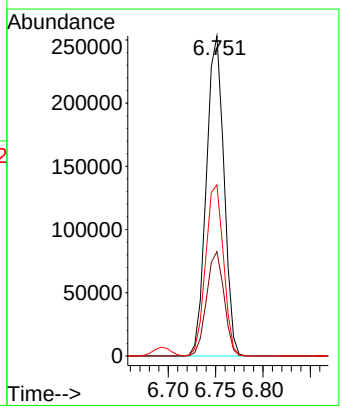


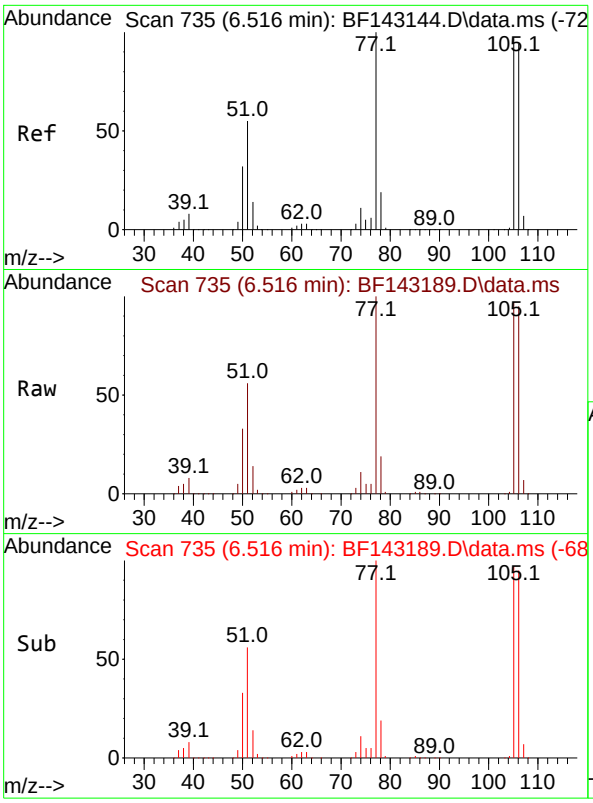


#8
2-Chlorophenol
Concen: 40.492 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:128 Resp: 326533

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	53.5	35.9	75.9



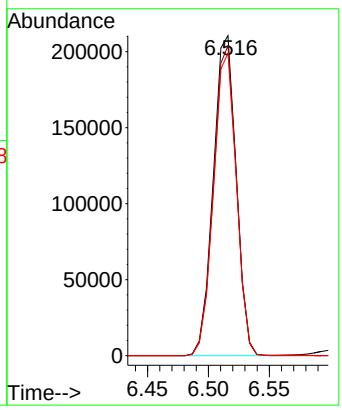


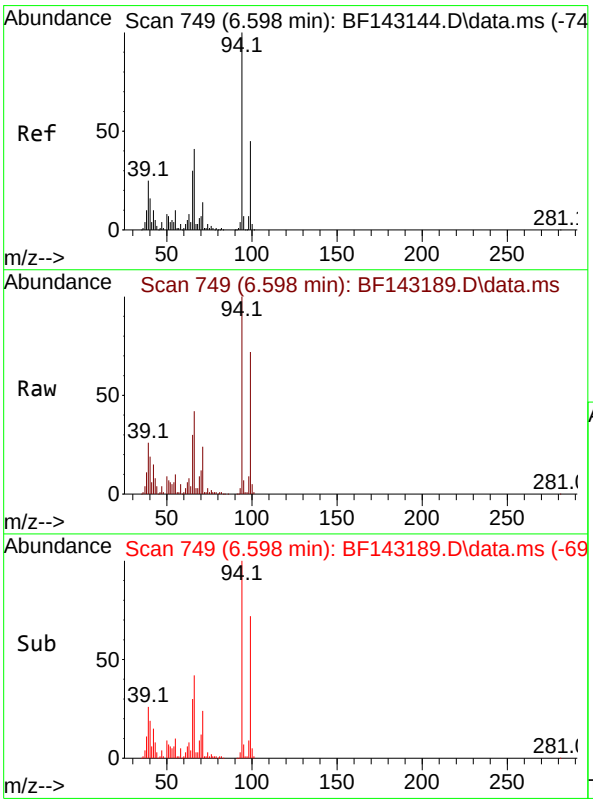
#9
Benzaldehyde
Concen: 37.926 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 275389

Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.5	74.4	114.4

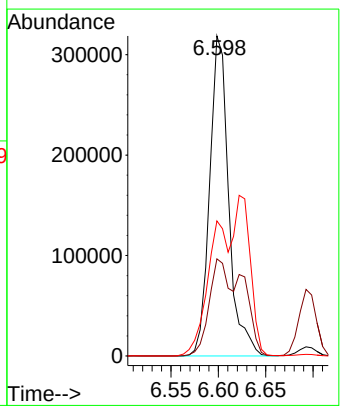


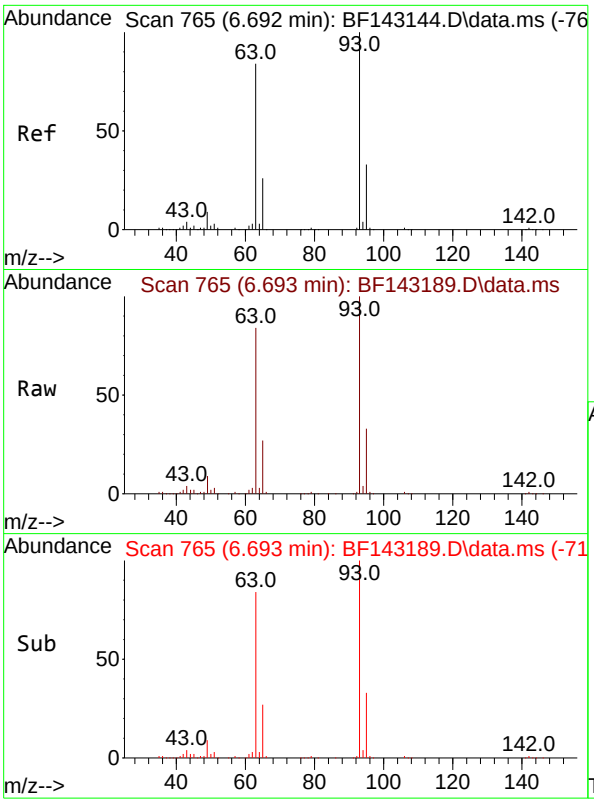


#10
Phenol
Concen: 42.211 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 94 Resp: 445290

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.0	50.0
66	42.2	20.8	60.8



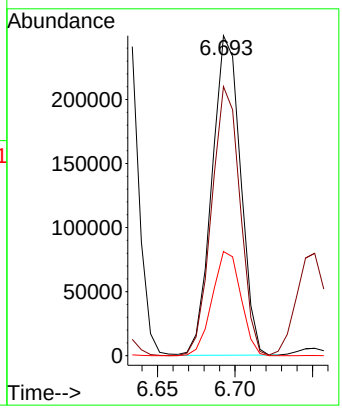


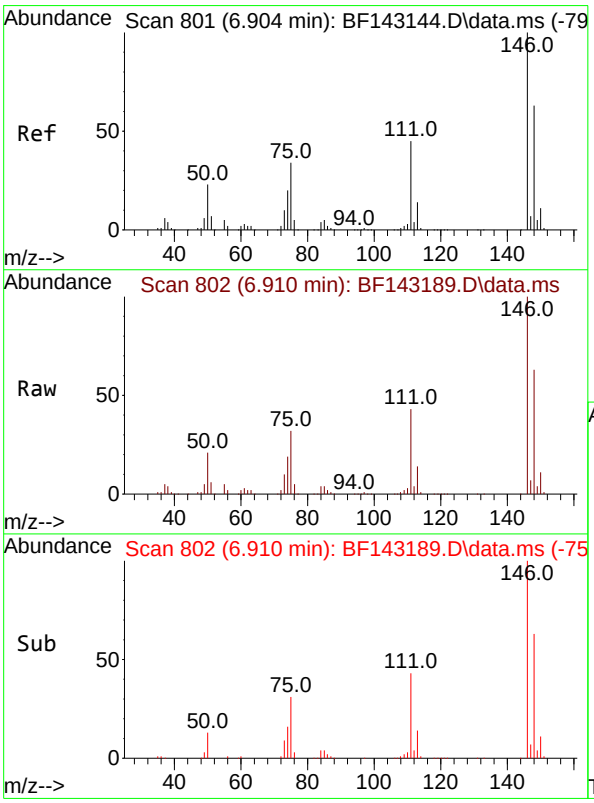
#11
bis(2-Chloroethyl)ether
Concen: 39.634 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 320130

Ion	Ratio	Lower	Upper
93	100		
63	84.1	63.4	103.4
95	32.6	12.4	52.4

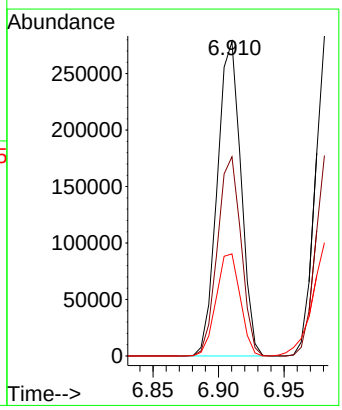


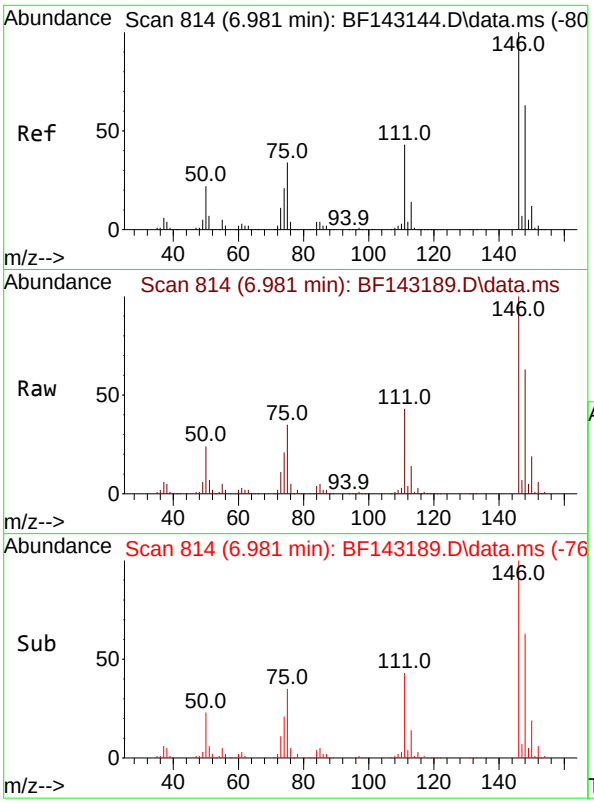


#12
1,3-Dichlorobenzene
Concen: 39.797 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:146 Resp: 348639

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.5	27.4	41.2



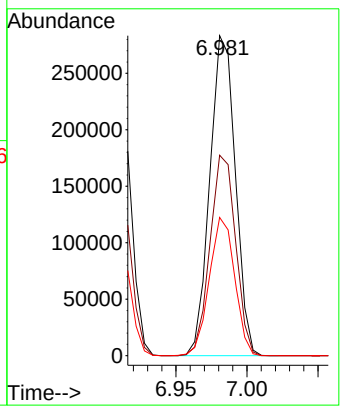


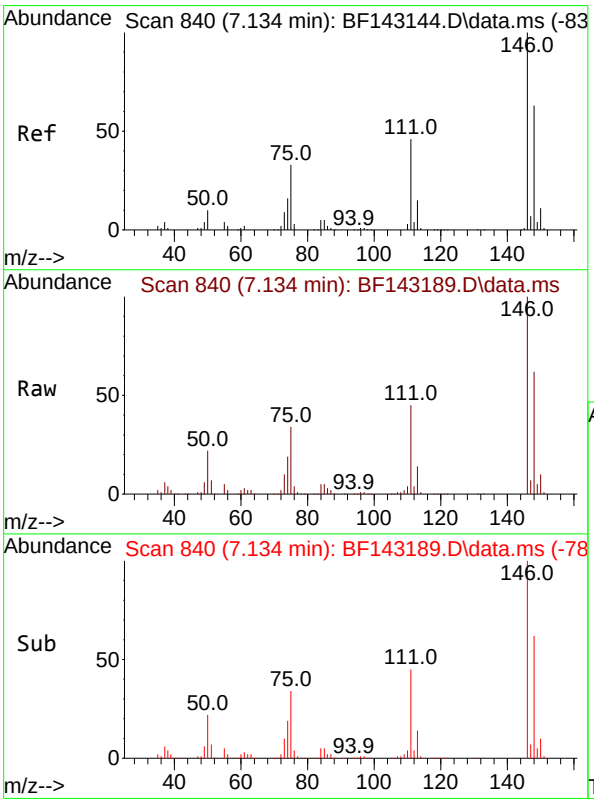
#13
1,4-Dichlorobenzene
Concen: 40.163 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 354325

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
111	43.2	34.4	51.6

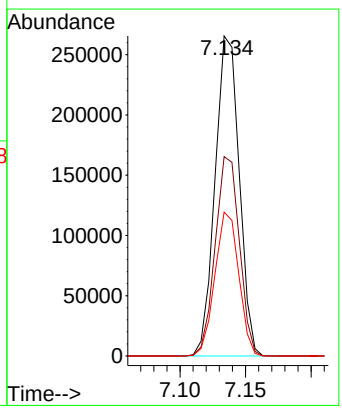


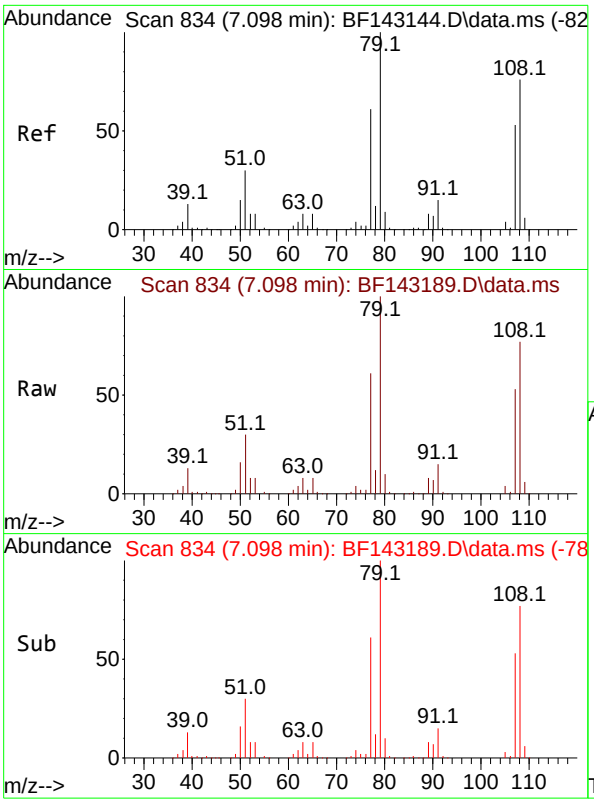


#14
1,2-Dichlorobenzene
Concen: 40.476 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:146 Resp: 339632

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	45.0	36.6	54.8



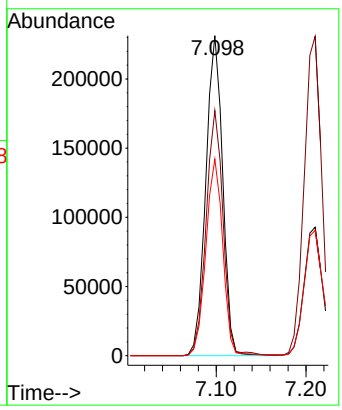


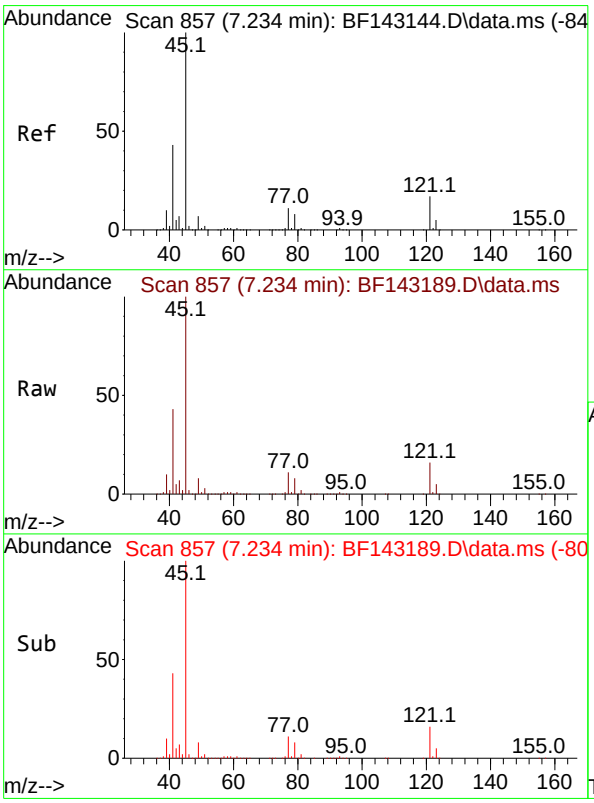
#15
Benzyl Alcohol
Concen: 40.831 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 301897

Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.1	91.7
77	61.4	48.9	73.3

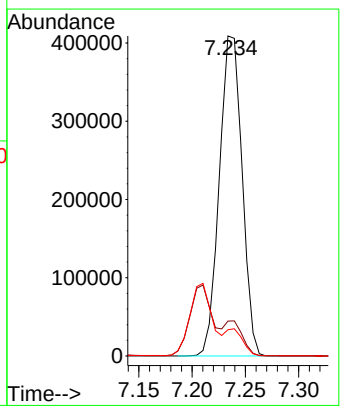


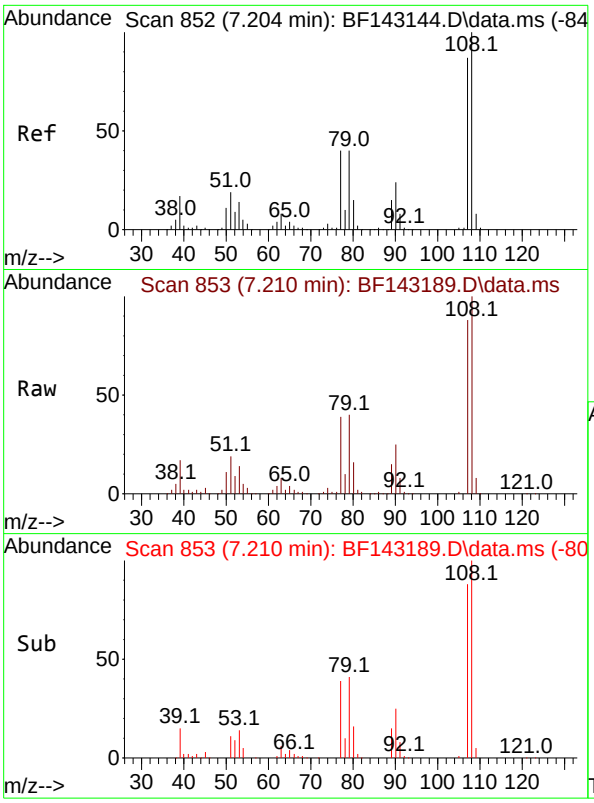


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.459 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 45 Resp: 606219

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.2
79	8.2	0.0	28.5



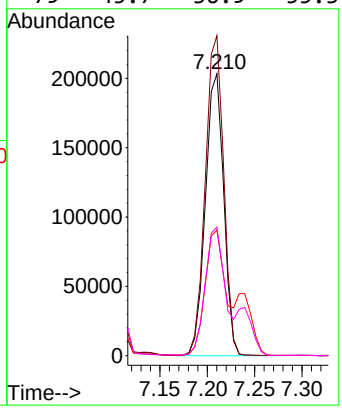


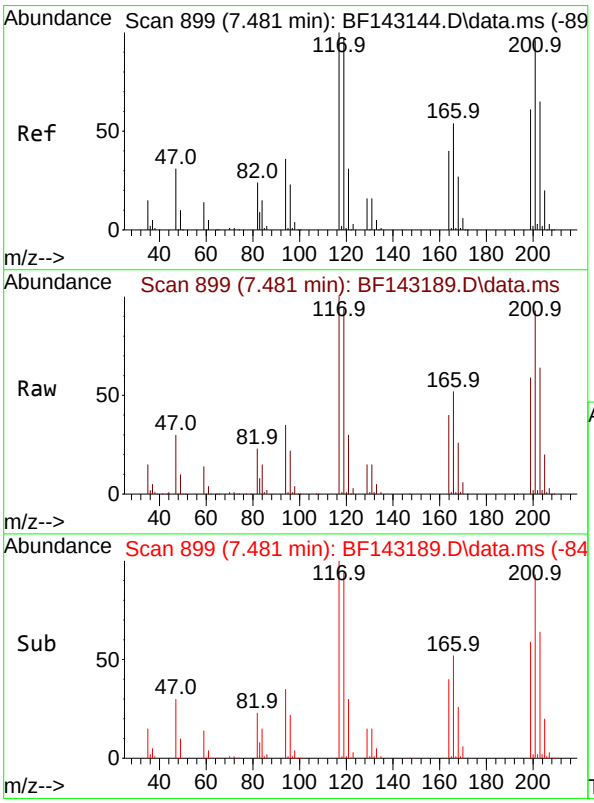
#17
2-Methylphenol
Concen: 40.419 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 274065

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.6
77	44.6	37.0	55.6
79	45.7	36.9	55.3

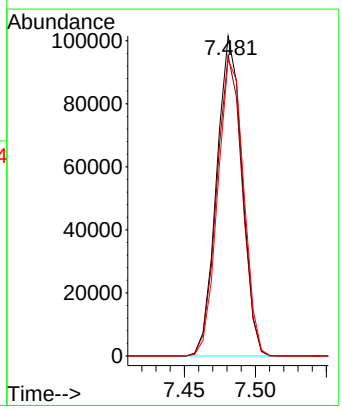


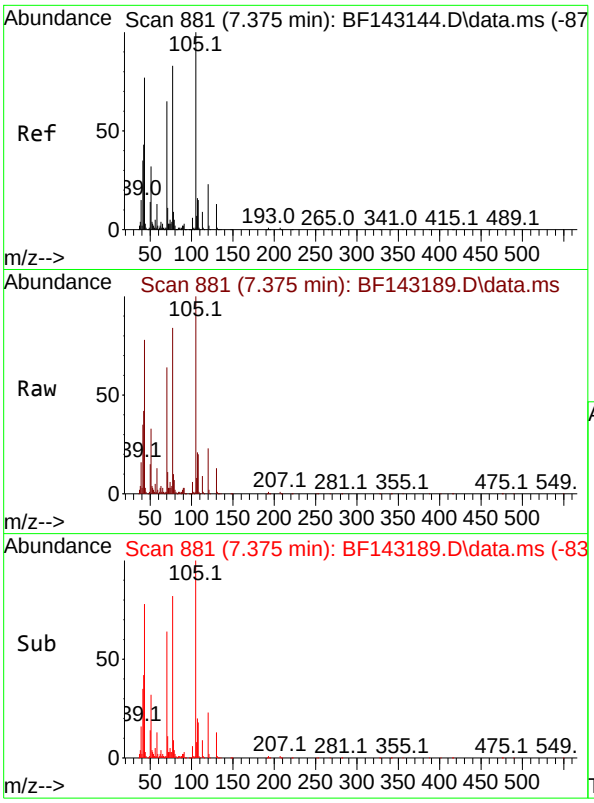


#18
Hexachloroethane
Concen: 41.338 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:117 Resp: 126249

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	92.6	77.0	115.4



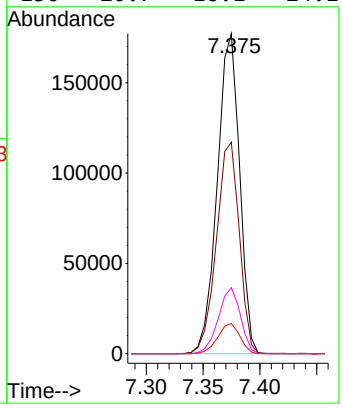


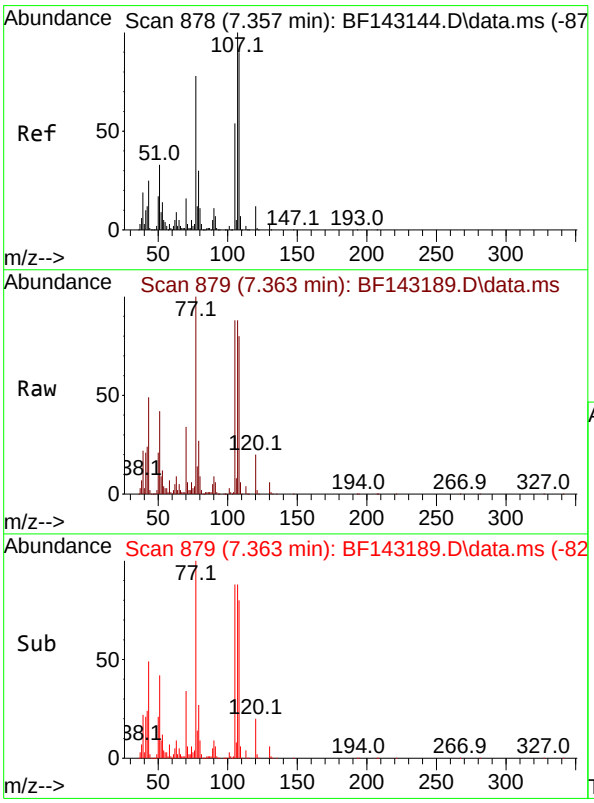
#19
n-Nitroso-di-n-propylamine
Concen: 38.965 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 242073

Ion	Ratio	Lower	Upper
70	100		
42	66.1	52.5	78.7
101	9.5	7.6	11.4
130	20.7	16.1	24.1

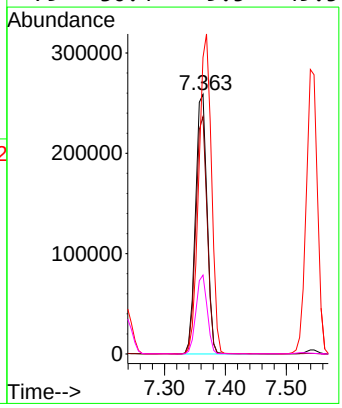


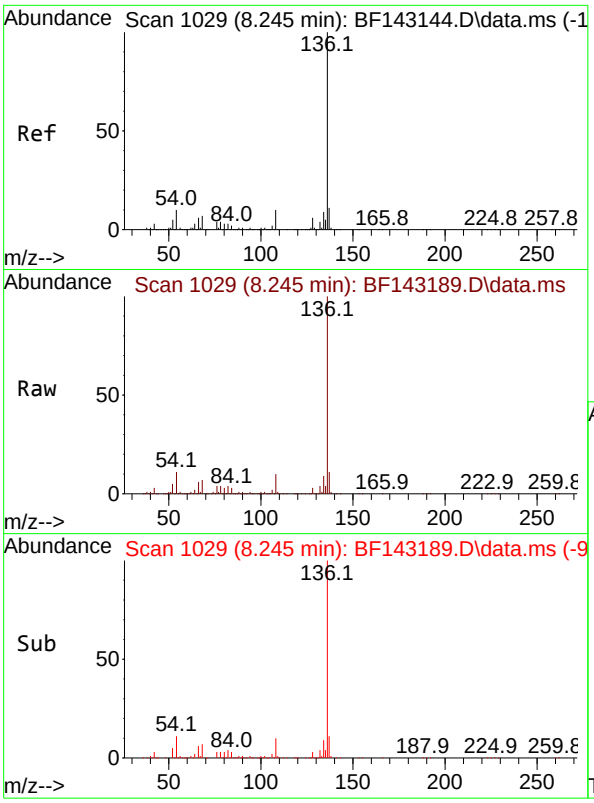


#20
3+4-Methylphenols
Concen: 41.359 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:107 Resp: 340248

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.0	110.0
77	114.3	57.8	97.8#
79	30.4	9.5	49.5



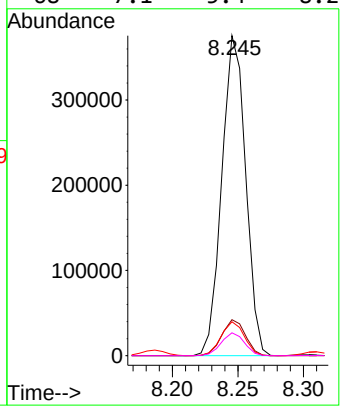


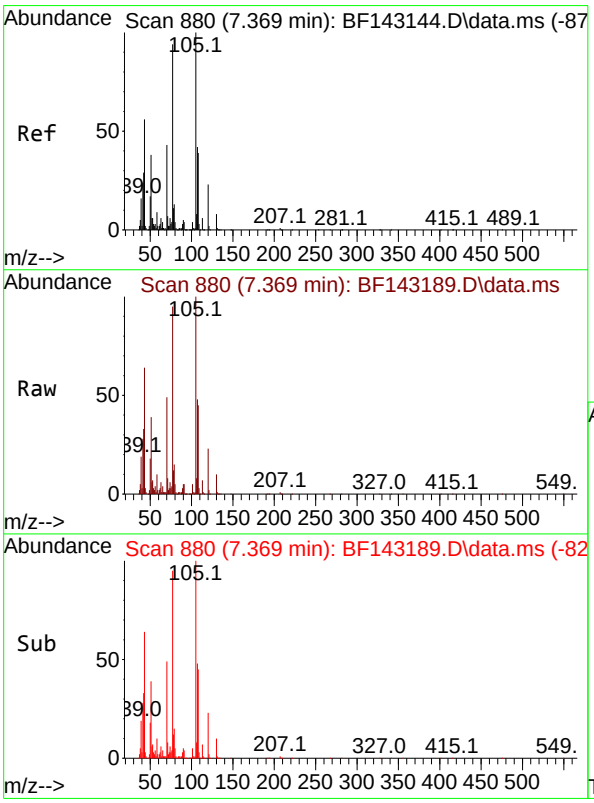
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 475525

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.6	8.2	12.2
68	7.1	5.4	8.2

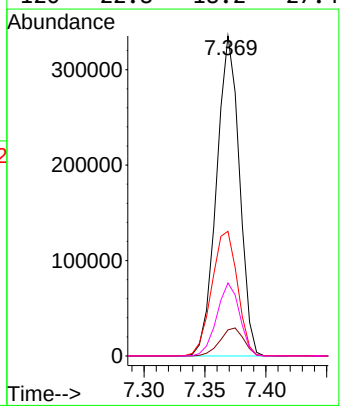


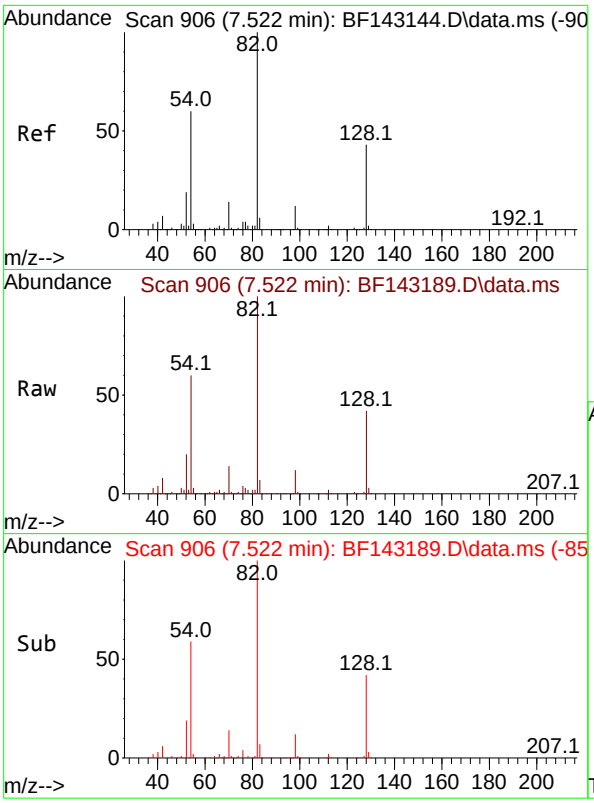


#22
Acetophenone
Concen: 38.999 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:105 Resp: 439058

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	39.0	30.2	45.2
120	22.8	18.2	27.4



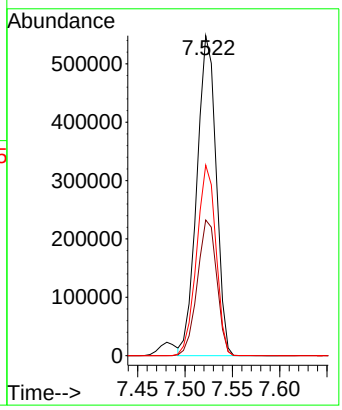


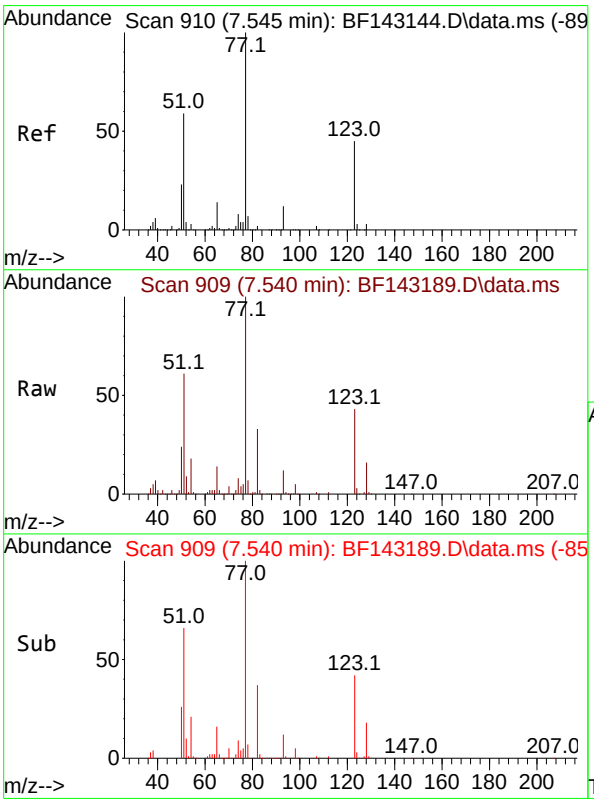
#23
Nitrobenzene-d5
Concen: 81.266 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 775249

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.6	50.4
54	59.6	47.1	70.7

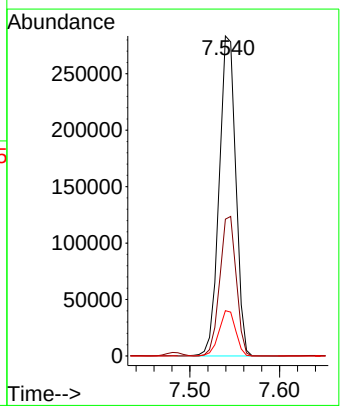


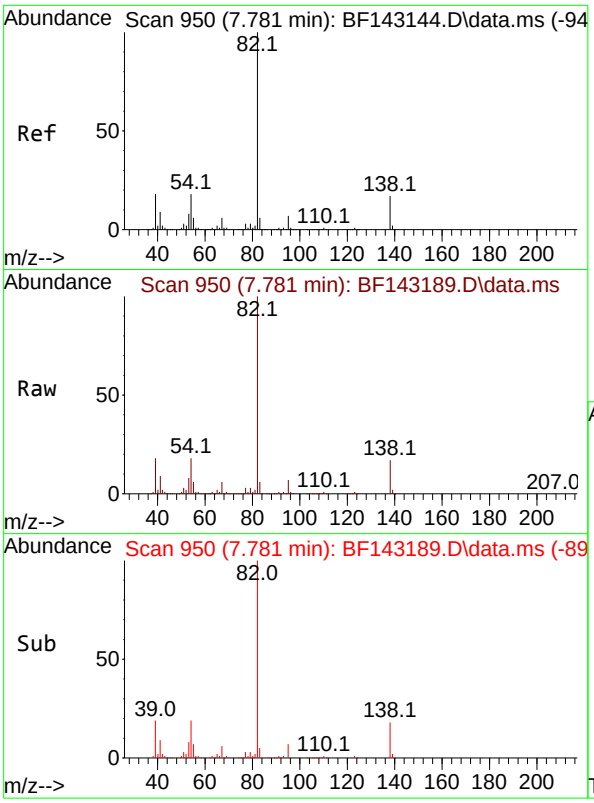


#24
Nitrobenzene
Concen: 40.959 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 77 Resp: 364284

Ion	Ratio	Lower	Upper
77	100		
123	42.8	36.1	54.1
65	14.1	11.4	17.2



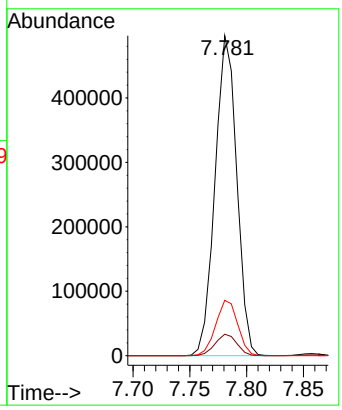


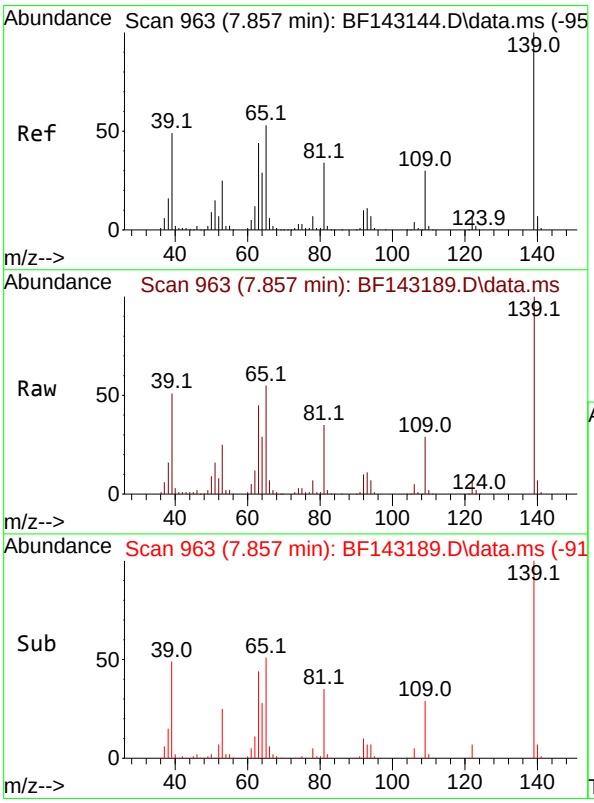
#25
Isophorone
Concen: 39.224 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 660564

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.3	13.8	20.8

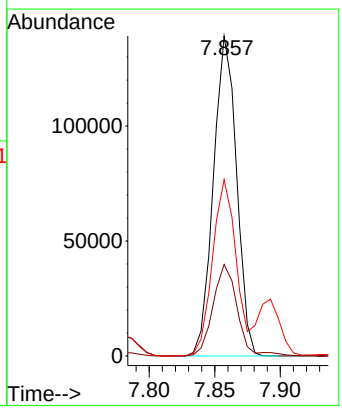


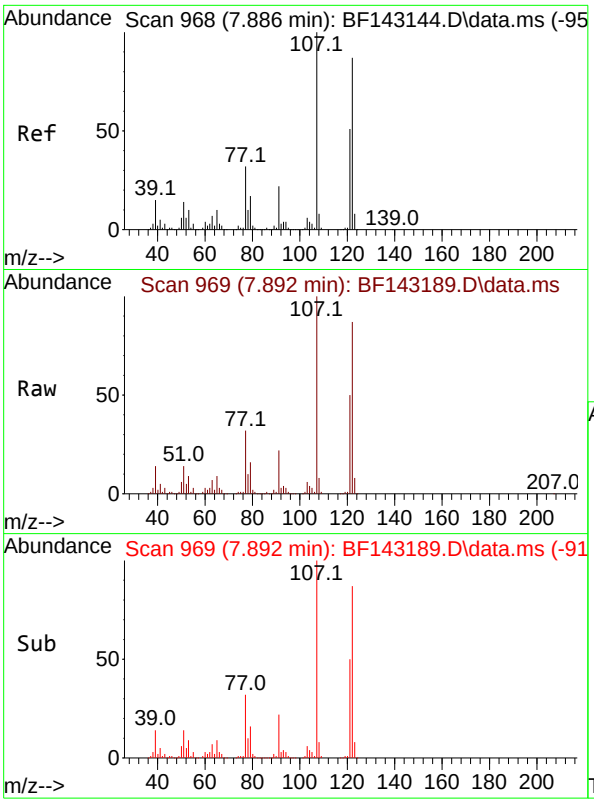


#26
2-Nitrophenol
Concen: 44.222 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:139 Resp: 170696

Ion	Ratio	Lower	Upper
139	100		
109	28.6	23.6	35.4
65	55.1	42.6	64.0



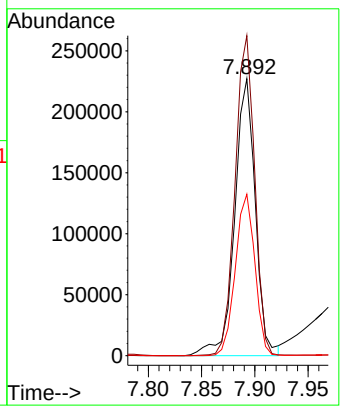


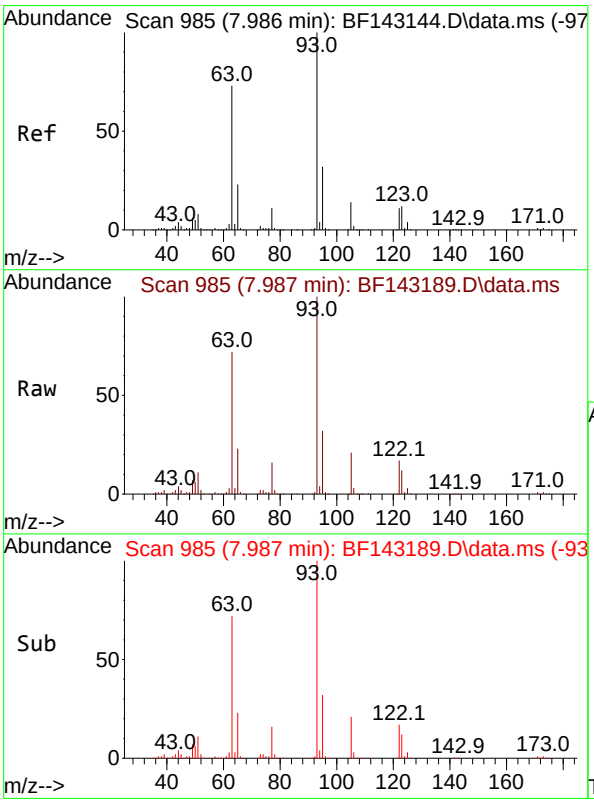
#27
2,4-Dimethylphenol
Concen: 39.022 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 307026

Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.8	137.6
121	58.3	46.3	69.5

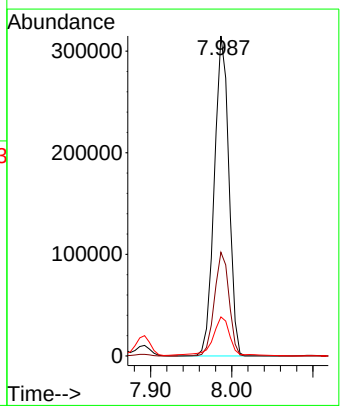


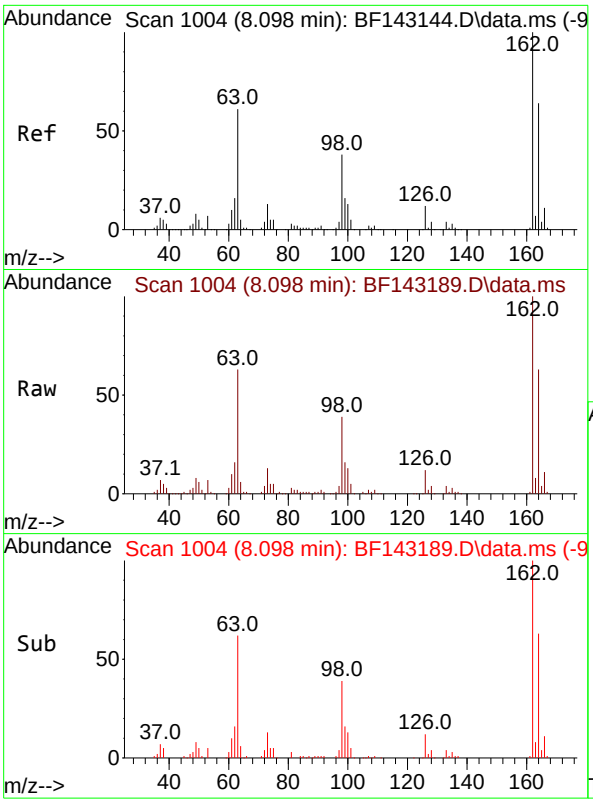


#28
bis(2-Chloroethoxy)methane
Concen: 38.989 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 93 Resp: 393674

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	12.2	9.7	14.5



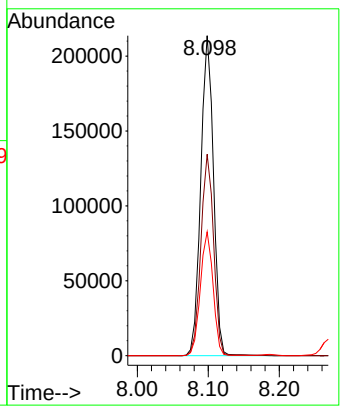


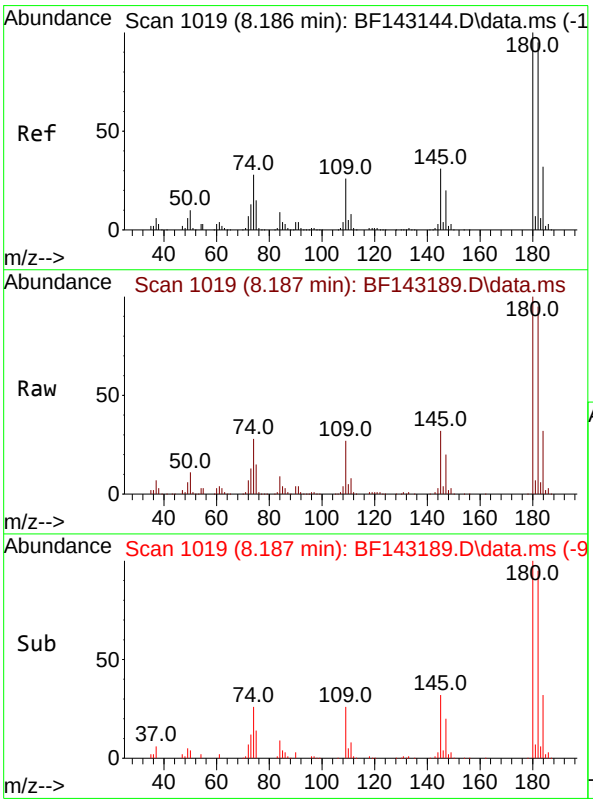
#29
2,4-Dichlorophenol
Concen: 40.231 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 266947

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.2	84.2
98	38.7	17.9	57.9

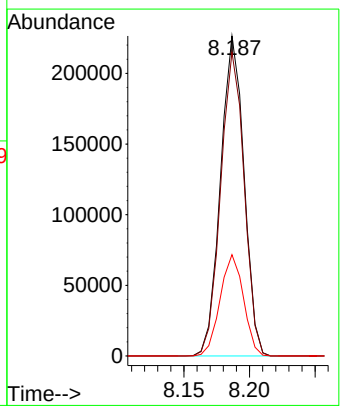


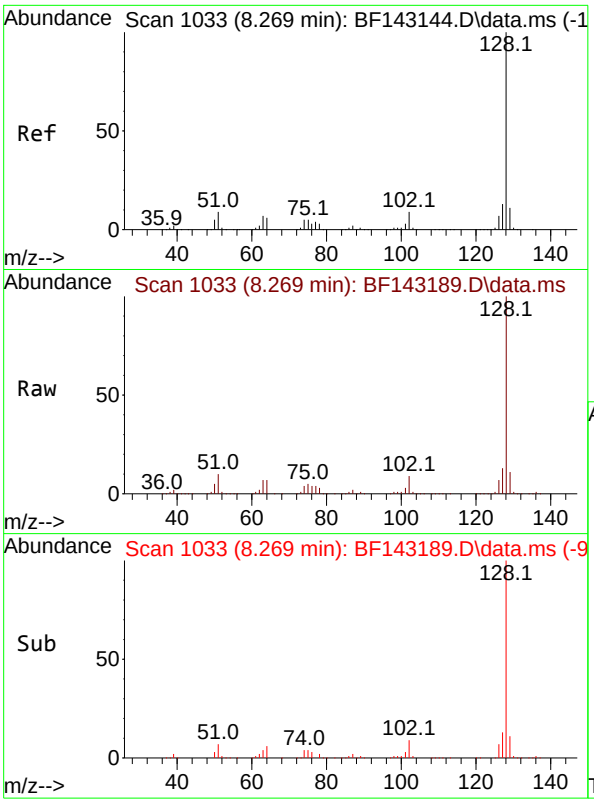


#30
1,2,4-Trichlorobenzene
Concen: 39.298 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:180 Resp: 281712

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	31.7	25.0	37.6



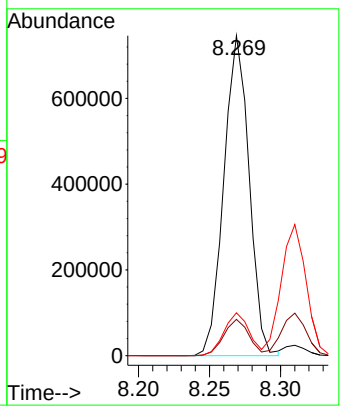


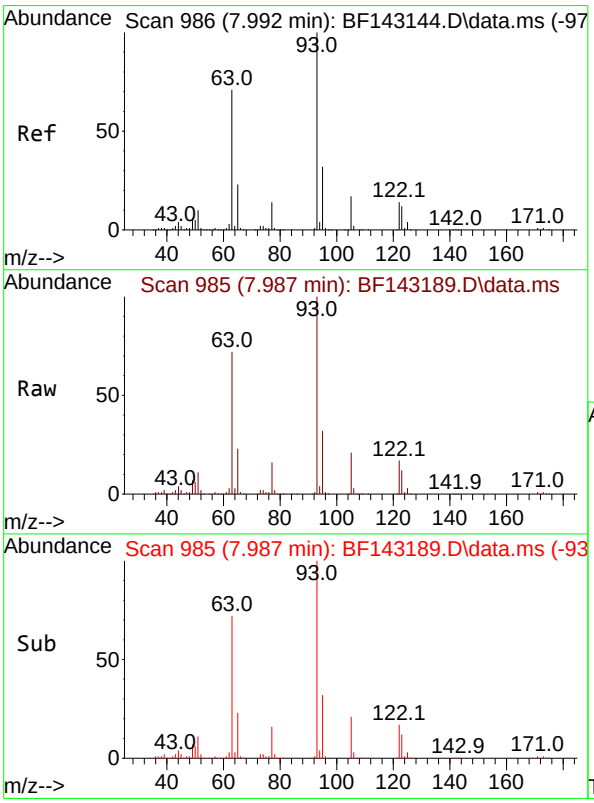
#31
Naphthalene
Concen: 39.396 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 922608

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	10.6	16.0

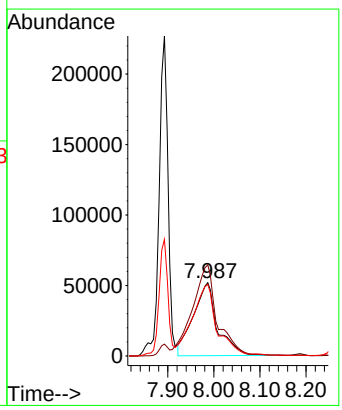


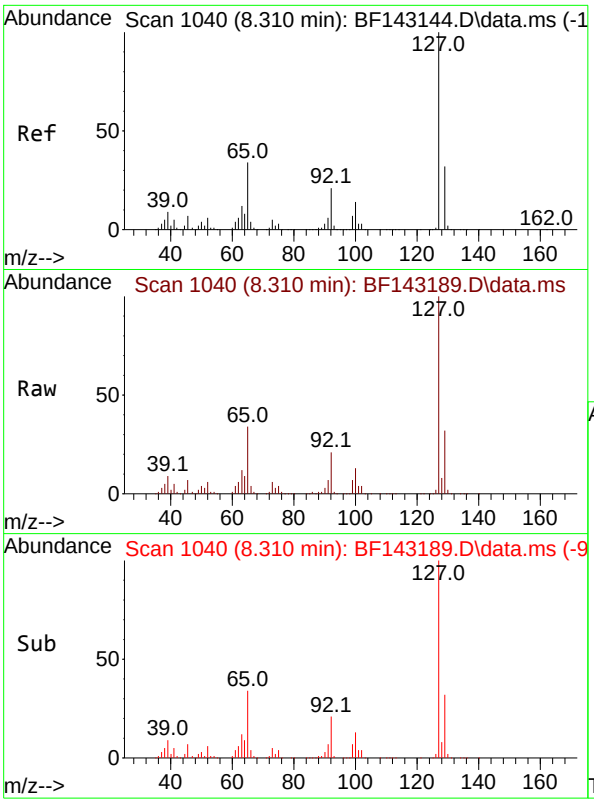


#32
Benzoic acid
Concen: 43.370 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.005 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:122 Resp: 189740

Ion	Ratio	Lower	Upper
122	100		
105	124.3	104.8	144.8
77	97.5	77.6	117.6



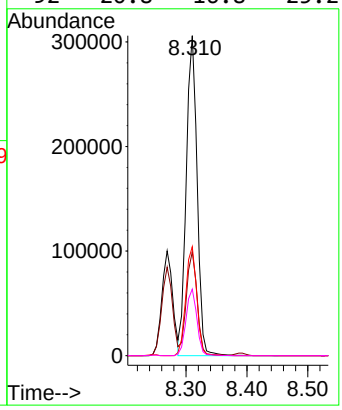


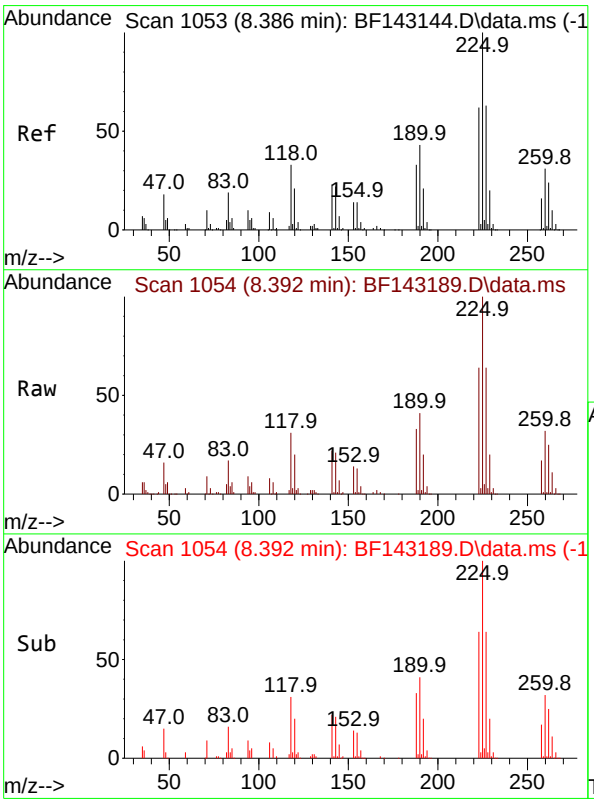
#33
4-Chloroaniline
Concen: 39.717 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 379789

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.0	27.4	41.2
92	20.8	16.8	25.2

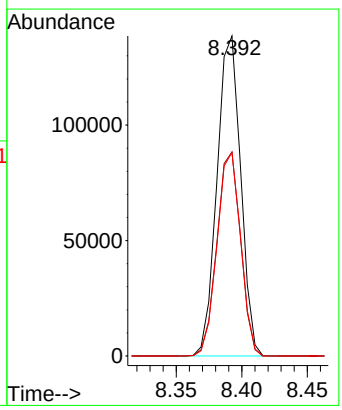


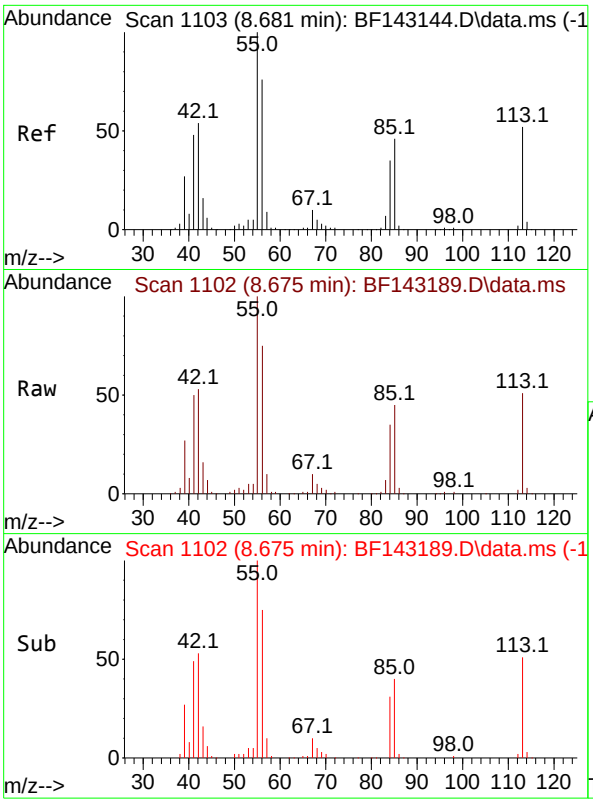


#34
Hexachlorobutadiene
Concen: 39.691 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:225 Resp: 173811

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.6	50.2	75.4



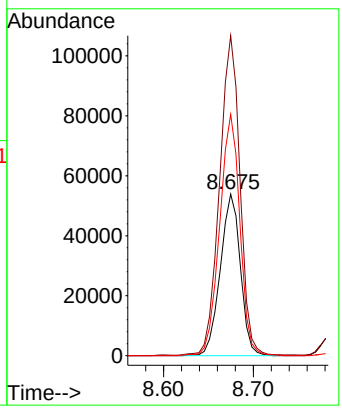


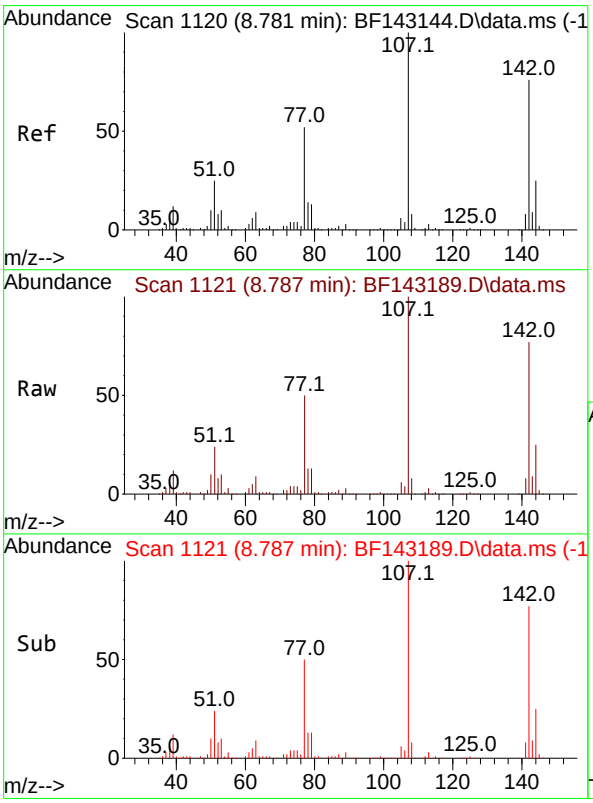
#35
Caprolactam
Concen: 41.728 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 83668

Ion	Ratio	Lower	Upper
113	100		
55	198.0	174.0	214.0
56	149.2	126.6	166.6

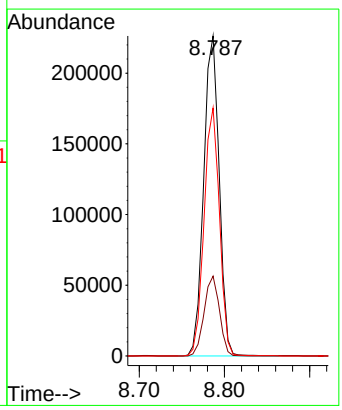


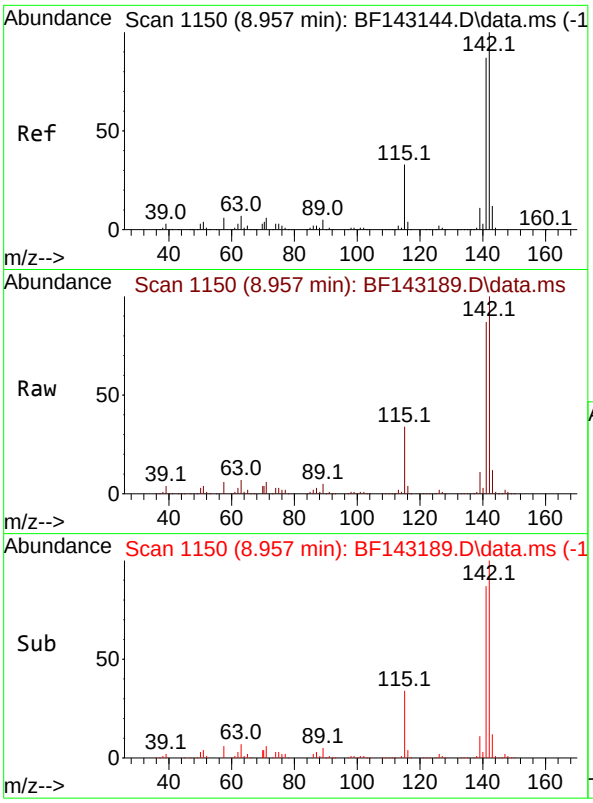


#36
4-Chloro-3-methylphenol
Concen: 39.736 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:107 Resp: 286577

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.5	60.6	90.8



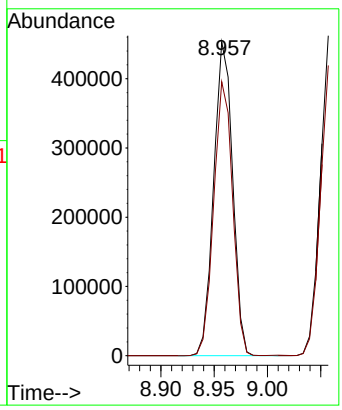


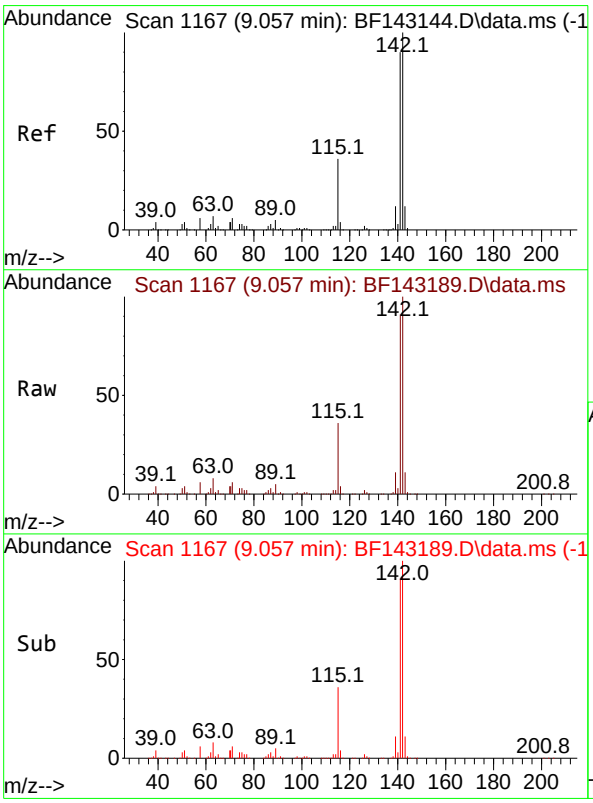
#37
2-Methylnaphthalene
Concen: 39.216 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 558861

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9

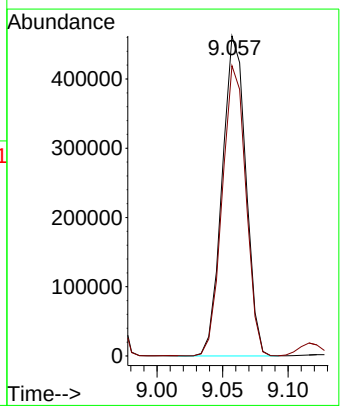


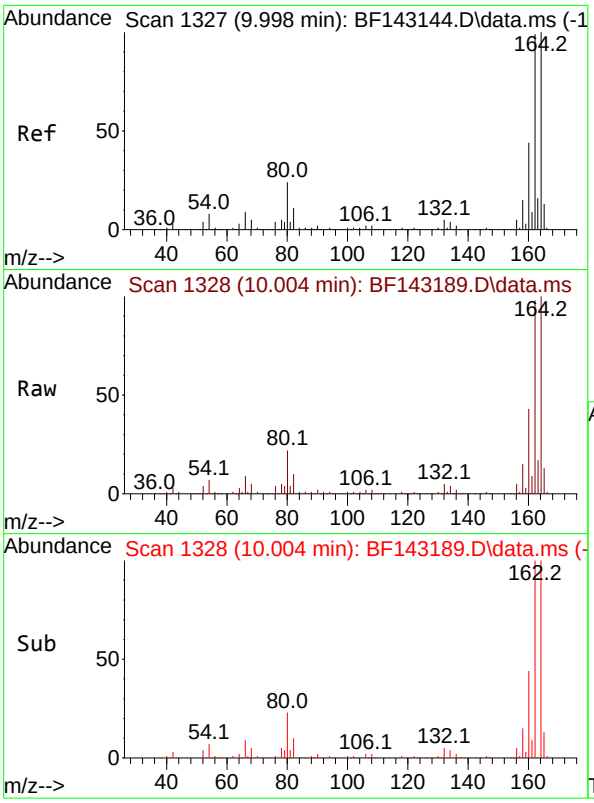


#38
1-Methylnaphthalene
Concen: 39.510 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:142 Resp: 579800

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5



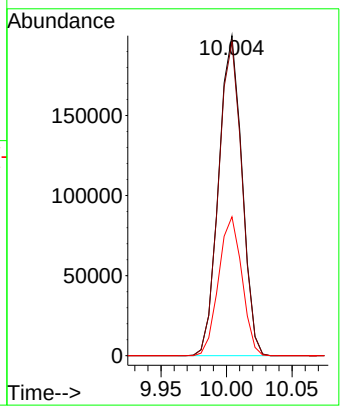


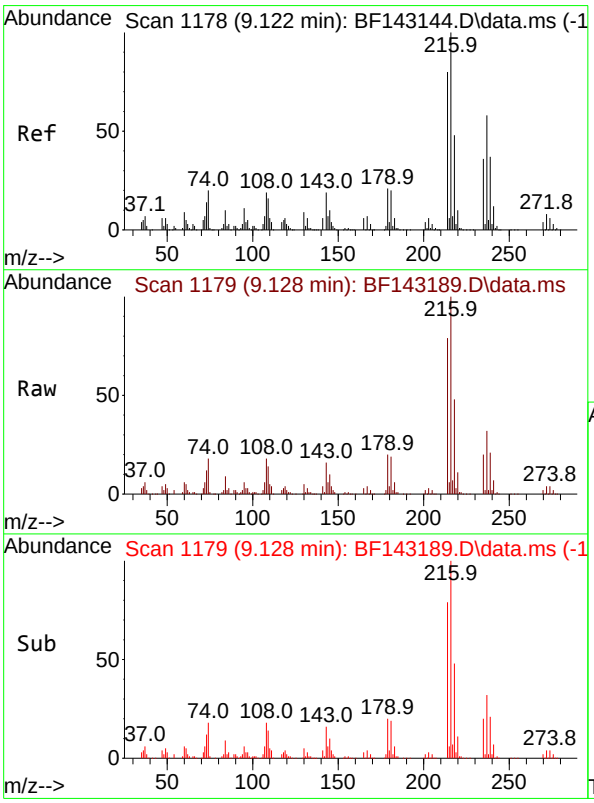
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 246814

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.0	118.6
160	43.4	35.1	52.7

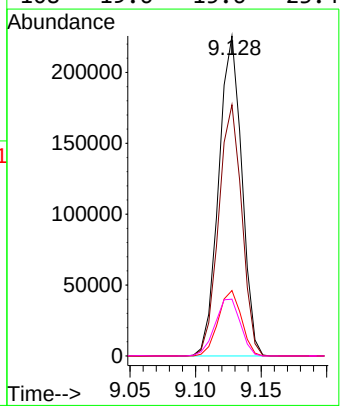


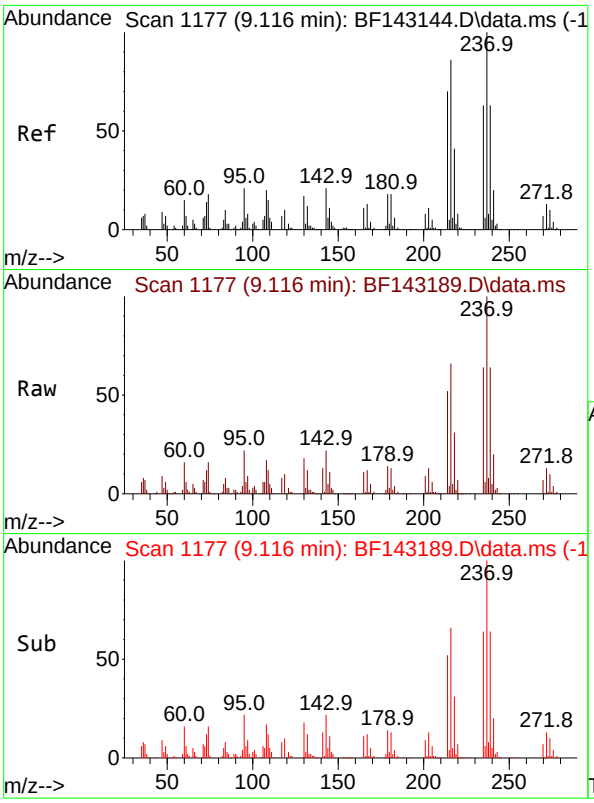


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.747 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:216 Resp: 276101

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4



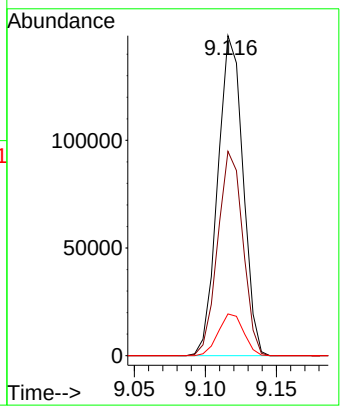


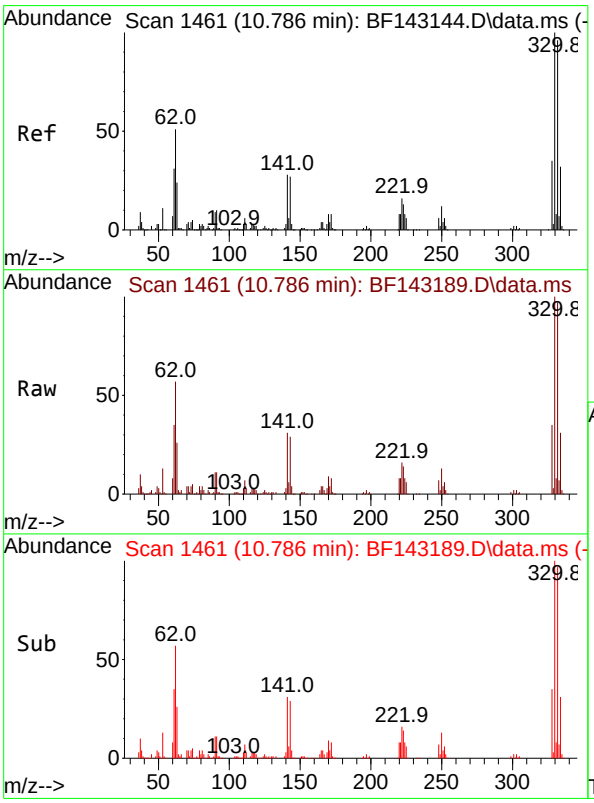
#41
Hexachlorocyclopentadiene
Concen: 39.541 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 183333

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.0	83.0
272	13.1	0.0	33.3

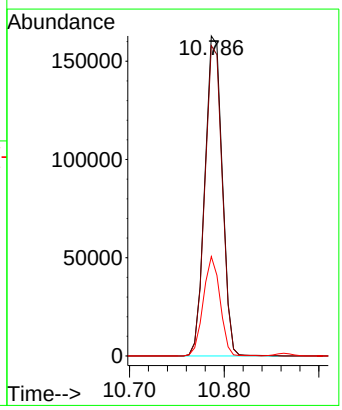


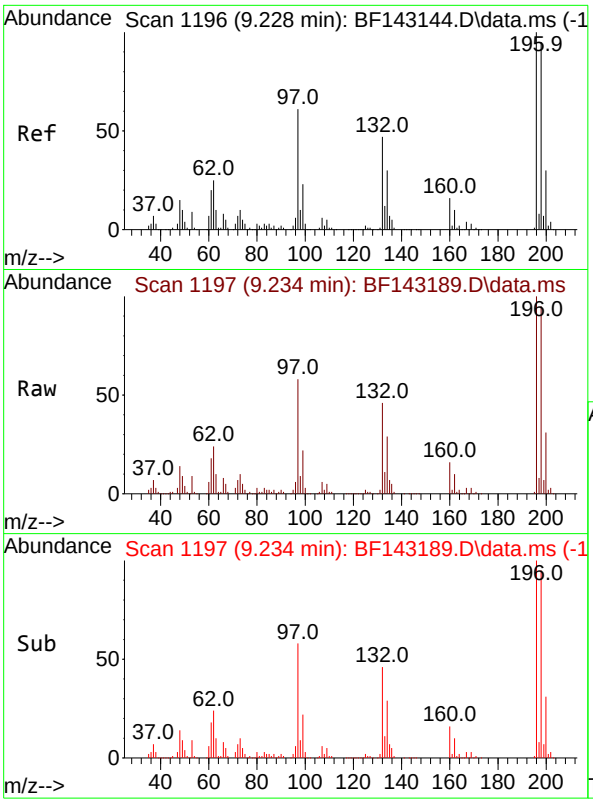


#42
2,4,6-Tribromophenol
Concen: 81.123 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:330 Resp: 206842

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	30.0	23.3	34.9



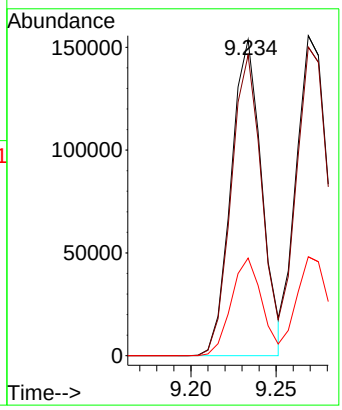


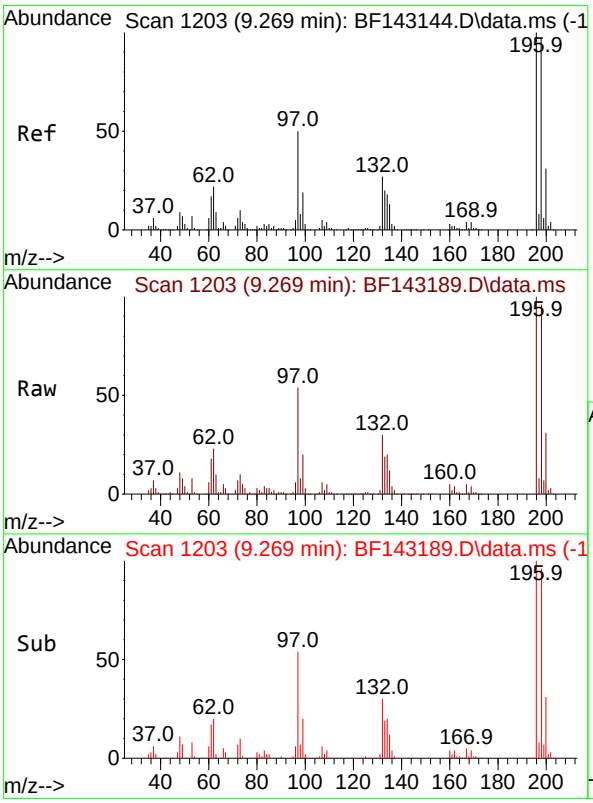
#43
2,4,6-Trichlorophenol
Concen: 39.086 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 192759

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.9	23.9	35.9

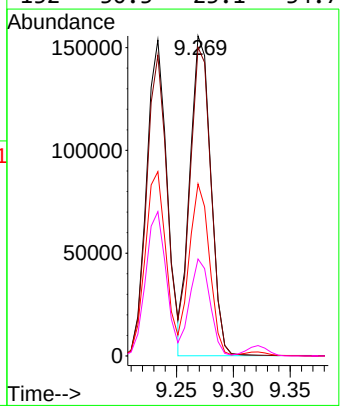


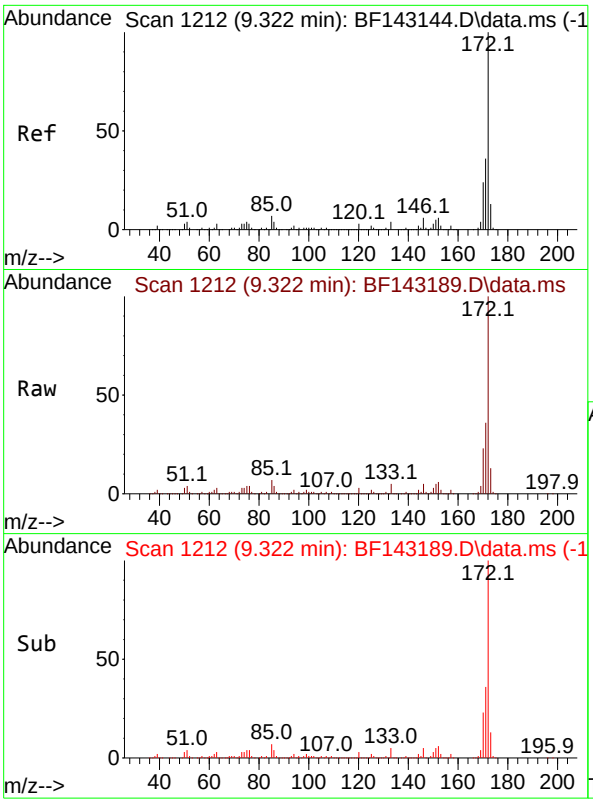


#44
2,4,5-Trichlorophenol
Concen: 40.285 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:196 Resp: 198731

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.3	115.9
97	53.8	40.3	60.5
132	30.3	23.1	34.7



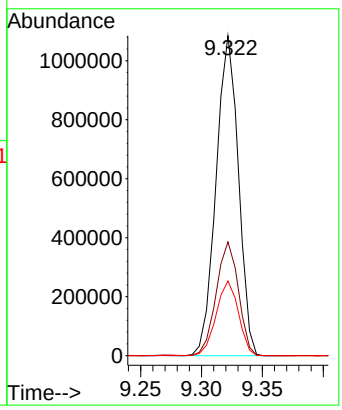


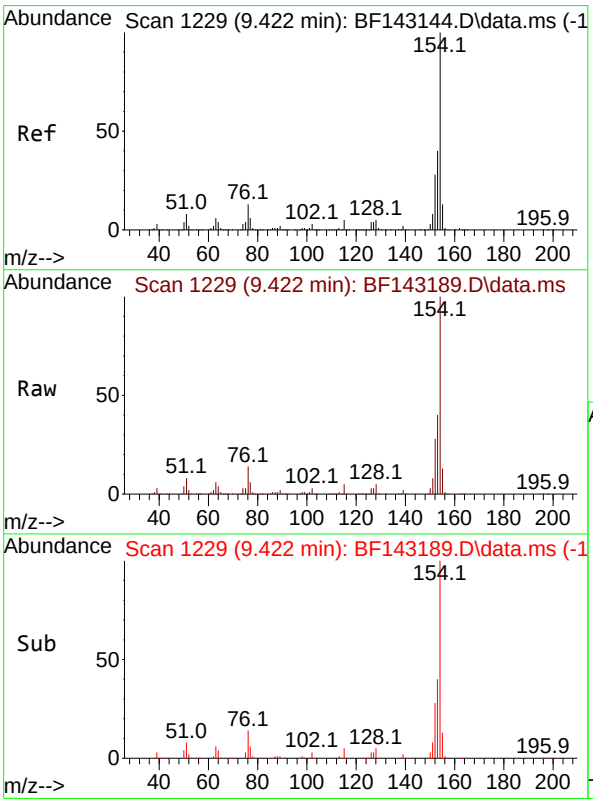
#45
2-Fluorobiphenyl
Concen: 76.735 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1384823

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.3	18.8	28.2

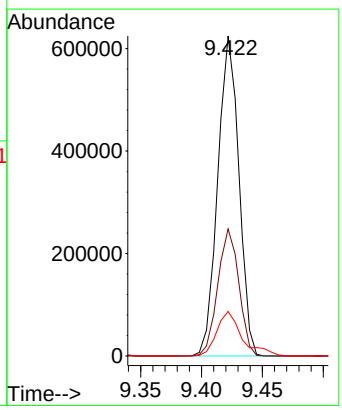


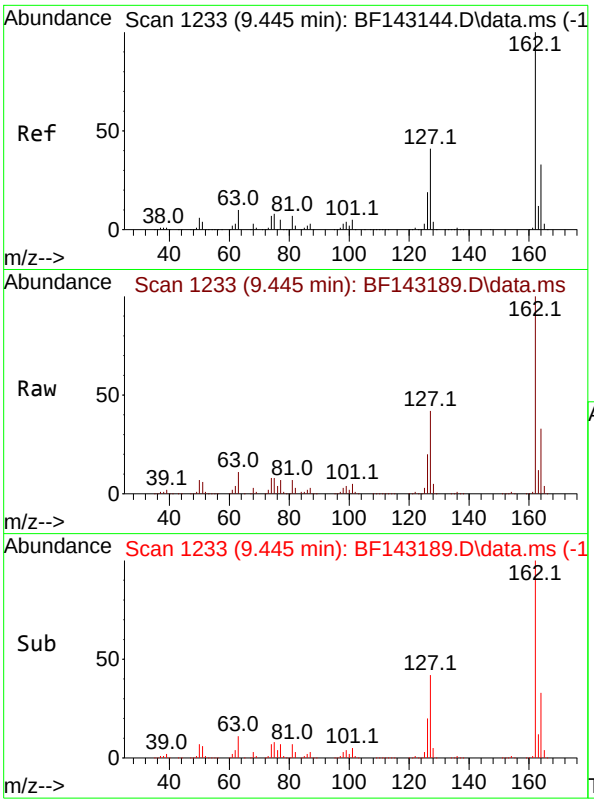


#46
1,1'-Biphenyl
Concen: 39.171 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:154 Resp: 754285

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	13.9	0.0	33.3



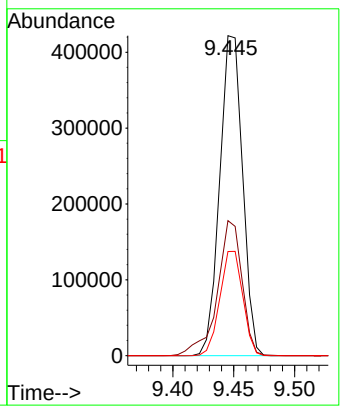


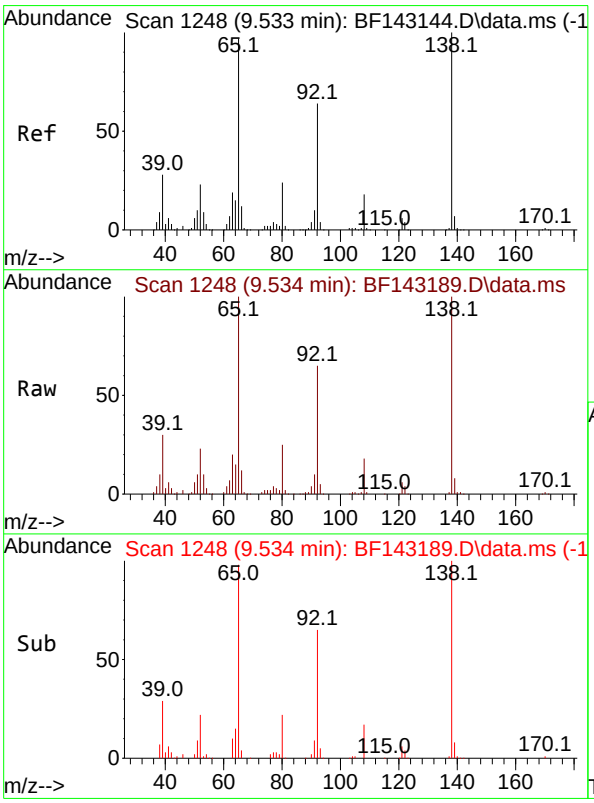
#47
2-Chloronaphthalene
Concen: 38.731 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 551856

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.5	26.2	39.2

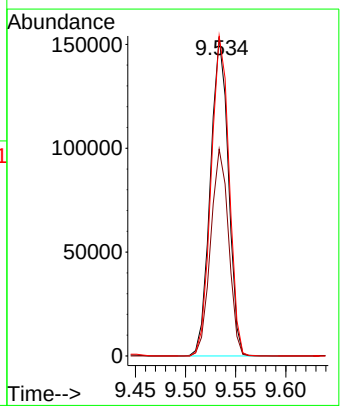


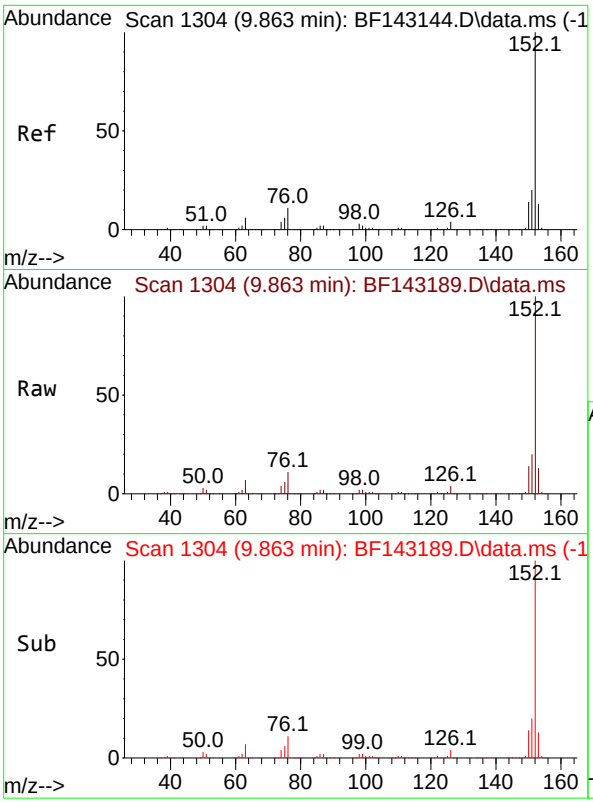


#48
2-Nitroaniline
Concen: 42.740 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 65 Resp: 190970

Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.4	78.6
138	100.4	82.3	123.5



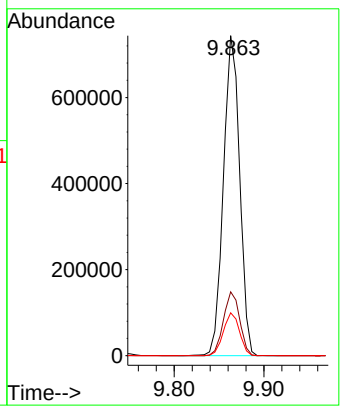


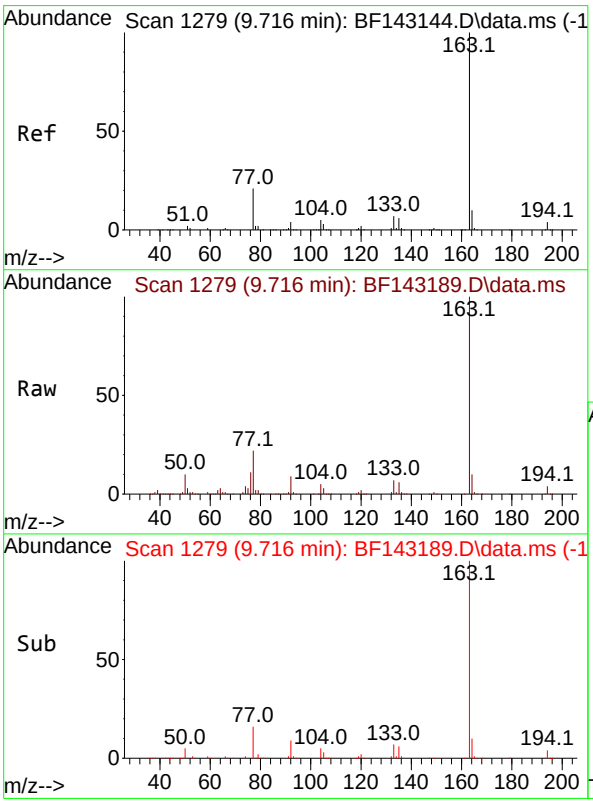
#49
Acenaphthylene
Concen: 39.136 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 934478

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.6	16.0

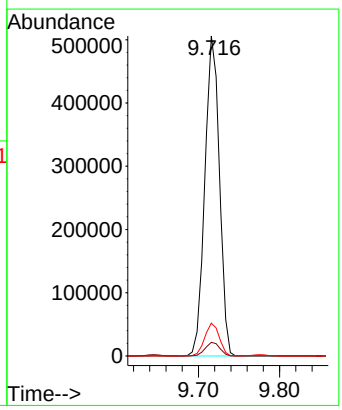


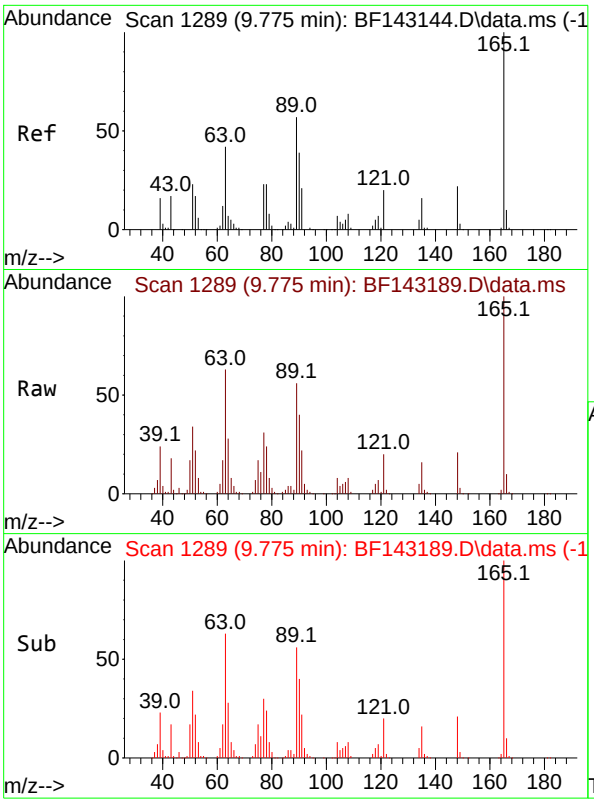


#50
Dimethylphthalate
Concen: 39.152 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:163 Resp: 629874

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5



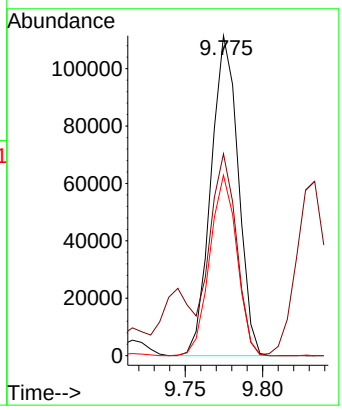


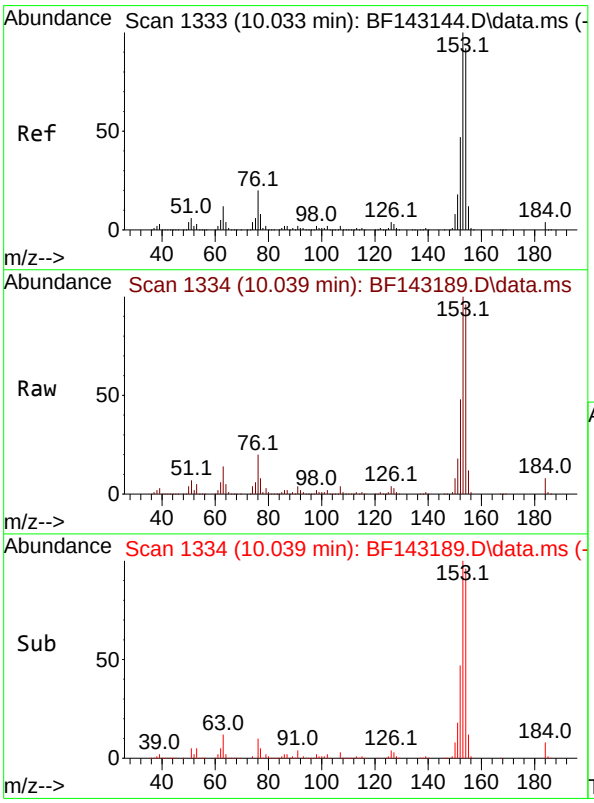
#51
2,6-Dinitrotoluene
Concen: 41.650 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 136310

Ion	Ratio	Lower	Upper
165	100		
63	63.1	49.4	74.2
89	56.4	46.2	69.2

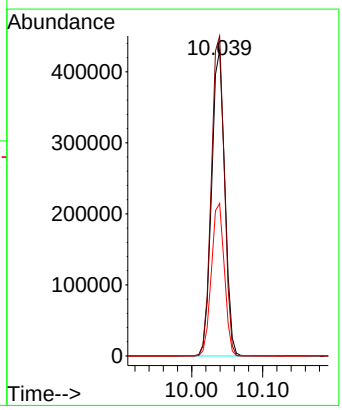


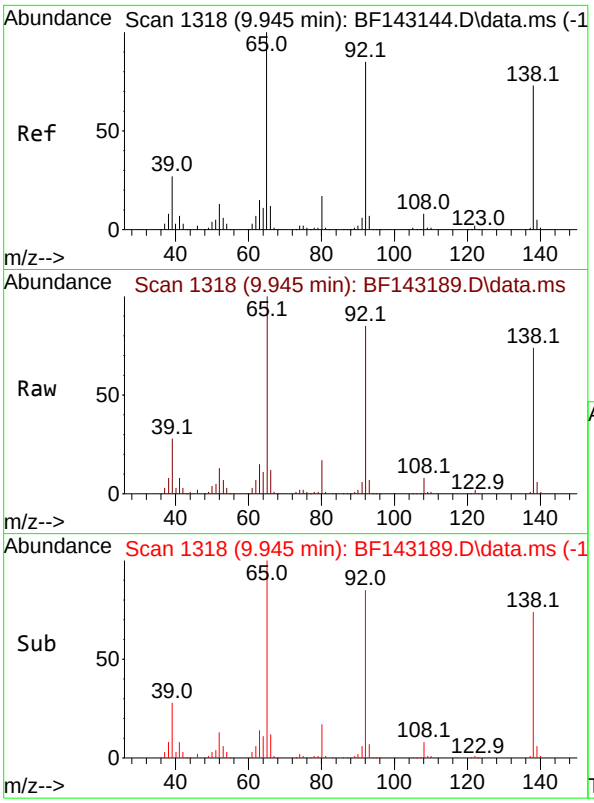


#52
Acenaphthene
Concen: 39.440 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:154 Resp: 556618

Ion	Ratio	Lower	Upper
154	100		
153	104.7	86.6	129.8
152	49.9	40.4	60.6



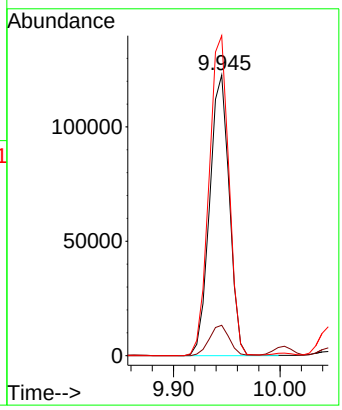


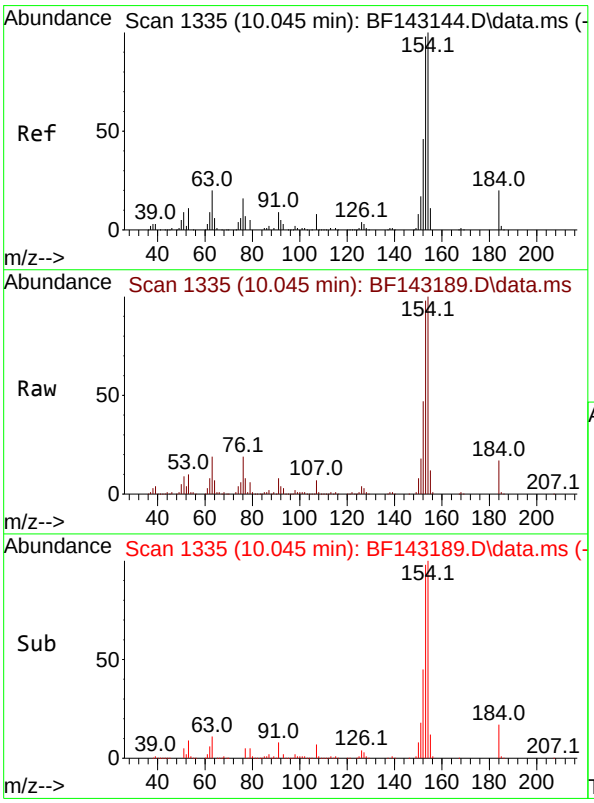
#53
3-Nitroaniline
Concen: 41.140 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 157487

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.6
92	114.0	93.0	139.4

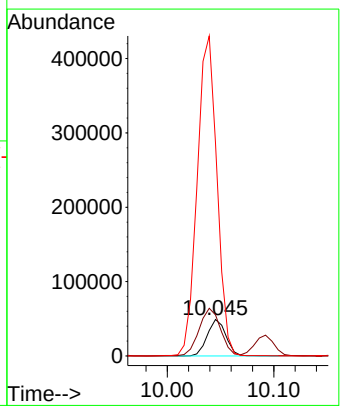


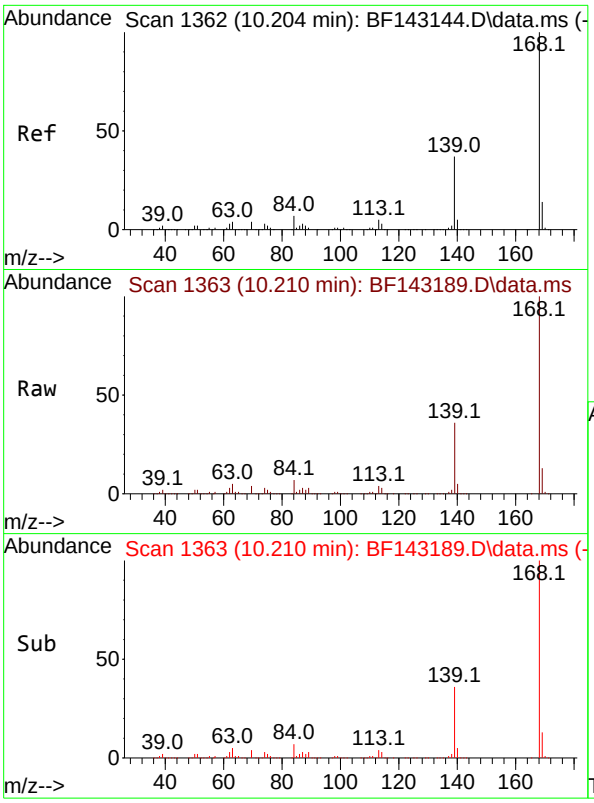


#54
2,4-Dinitrophenol
Concen: 43.787 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:184 Resp: 60068

Ion	Ratio	Lower	Upper
184	100		
63	112.7	81.8	122.6
154	584.2	412.2	618.4



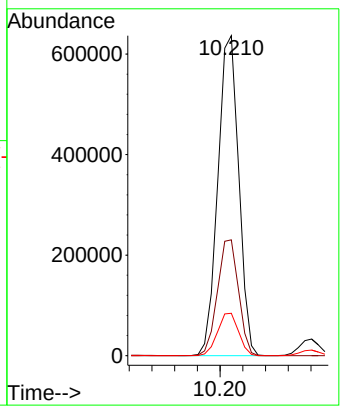


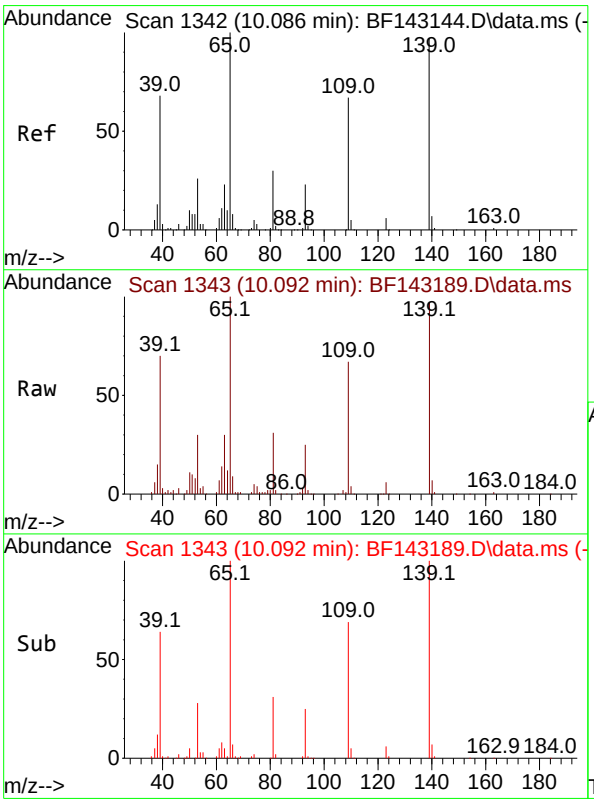
#55
Dibenzofuran
Concen: 38.849 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 814014

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.5	44.3
169	13.3	10.9	16.3

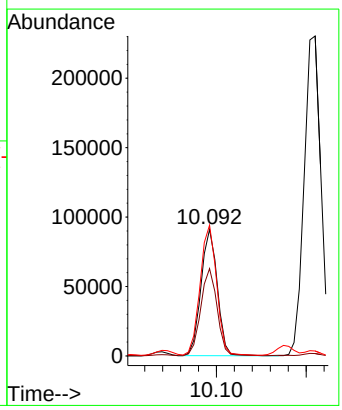


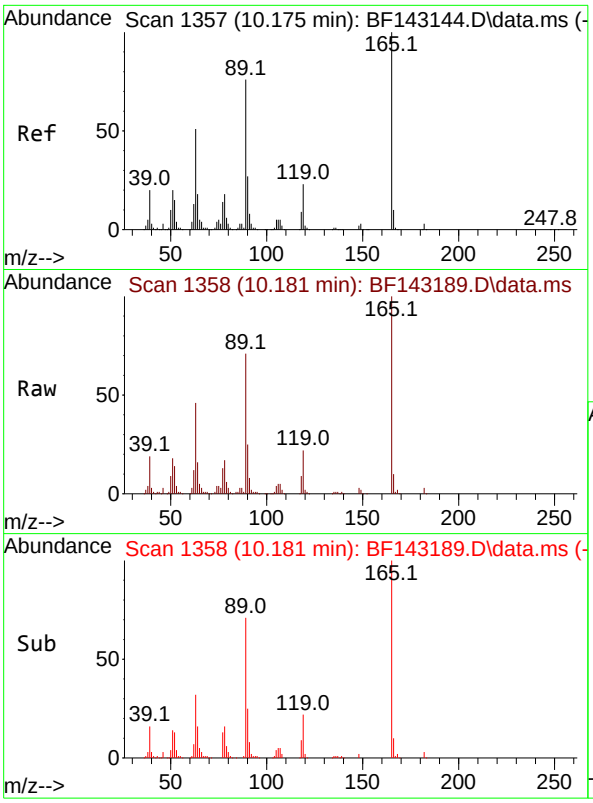


#56
4-Nitrophenol
Concen: 40.283 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:139 Resp: 115153

Ion	Ratio	Lower	Upper
139	100		
109	69.0	48.5	88.5
65	103.4	83.4	123.4



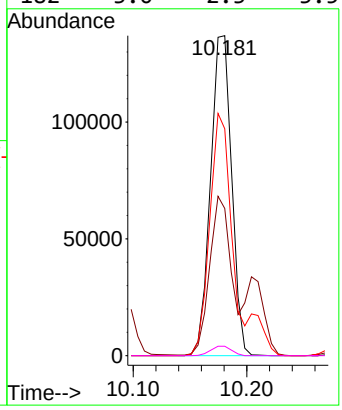


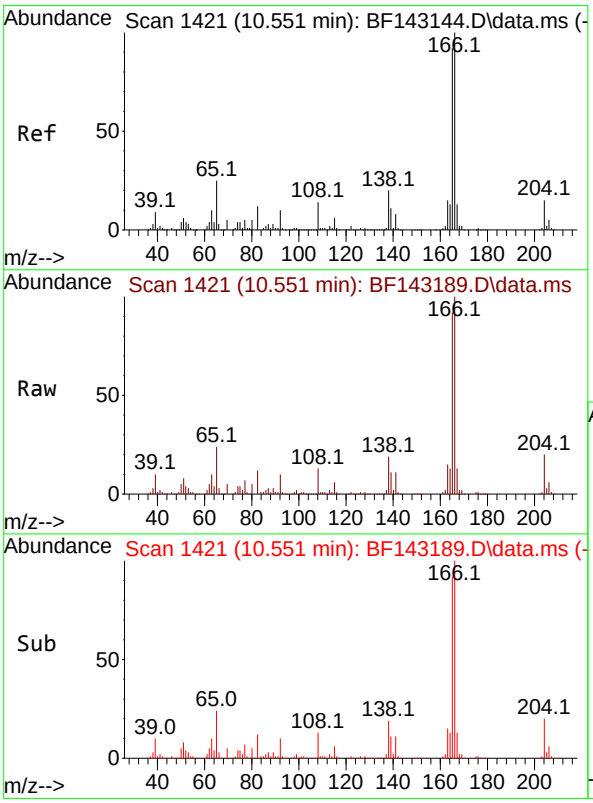
#57
2,4-Dinitrotoluene
Concen: 43.119 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 177050

Ion	Ratio	Lower	Upper
165	100		
63	46.0	41.0	61.4
89	70.9	61.1	91.7
182	3.0	2.3	3.5

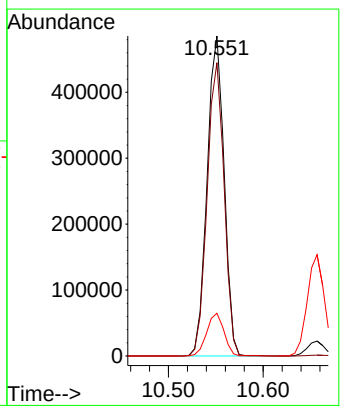


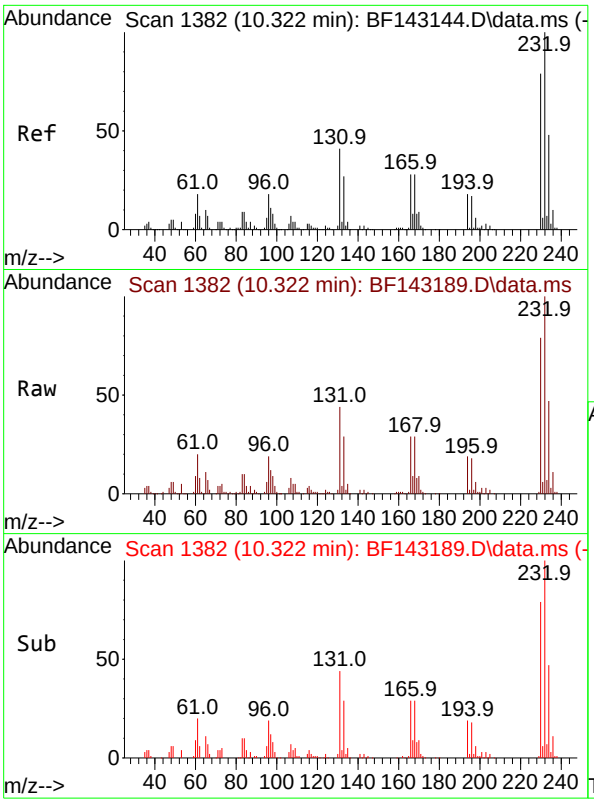


#58
Fluorene
Concen: 38.372 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:166 Resp: 603434

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.3	10.6	16.0



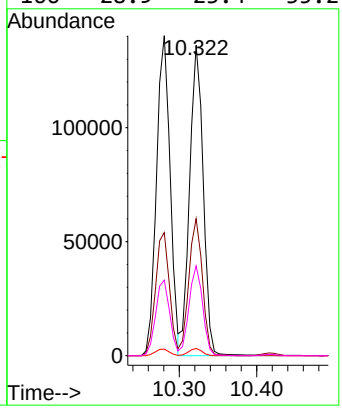


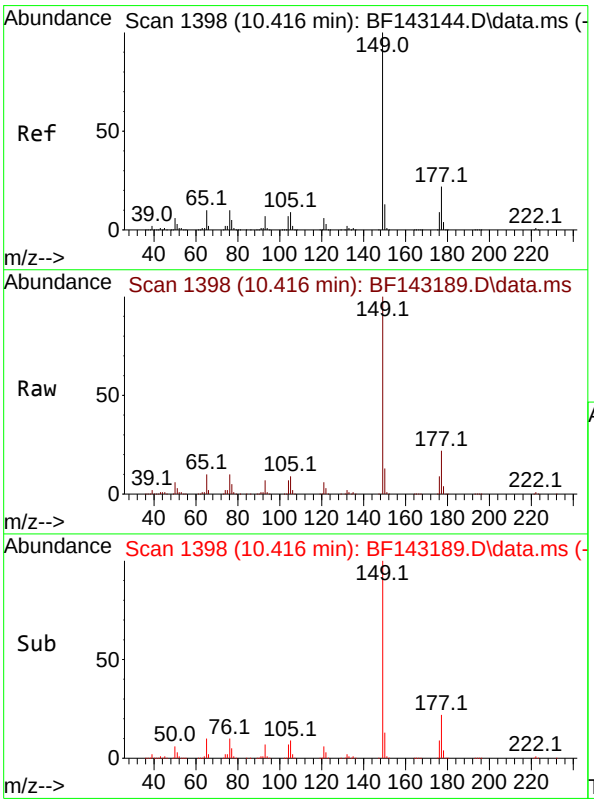
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.701 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 166321

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.3	52.9
130	2.3	1.7	2.5
166	28.9	23.4	35.2

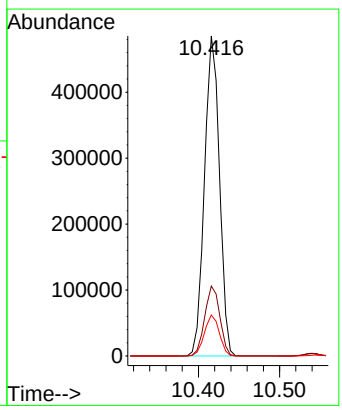


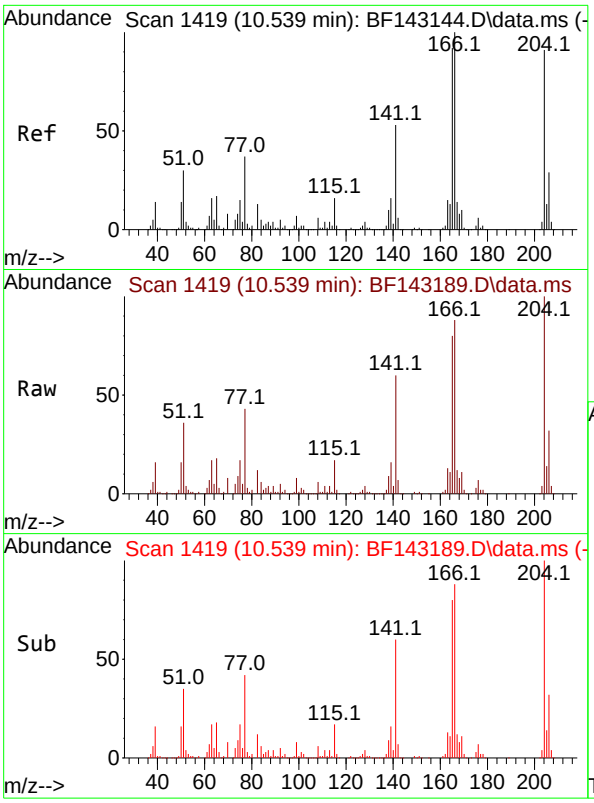


#60
Diethylphthalate
Concen: 38.988 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 619966

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.8	10.2	15.2



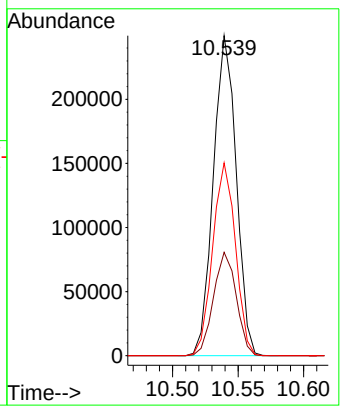


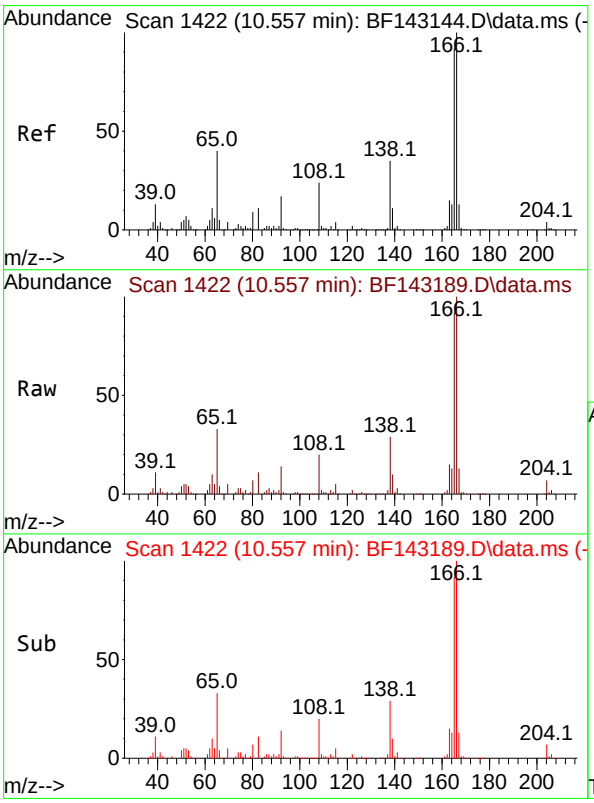
#61
4-Chlorophenyl-phenylether
Concen: 38.676 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 302855

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	60.3	47.0	70.4

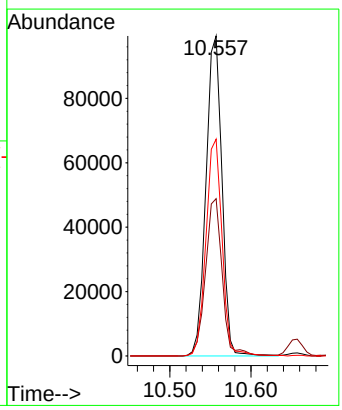


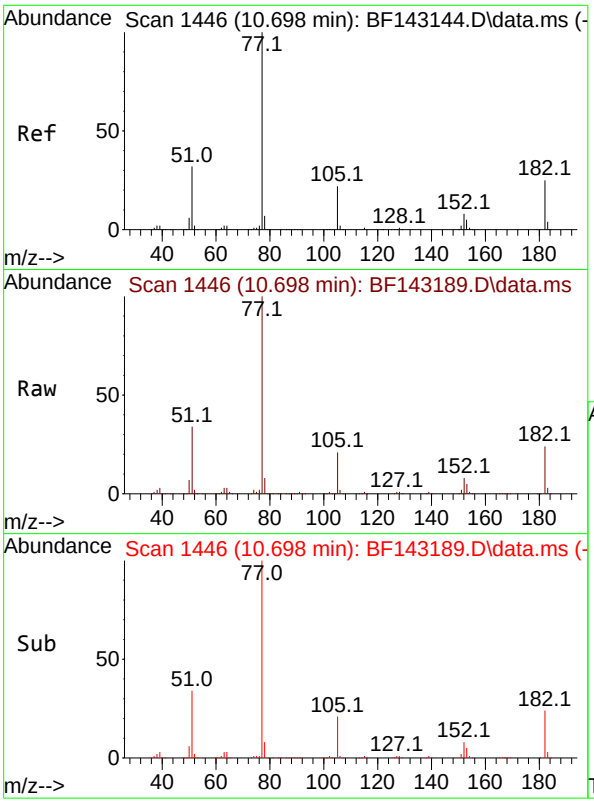


#62
4-Nitroaniline
Concen: 41.196 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:138 Resp: 135159

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.3	69.3
108	67.7	48.3	88.3



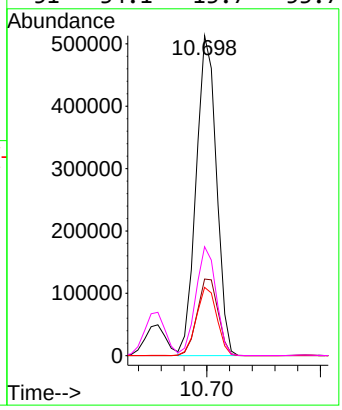


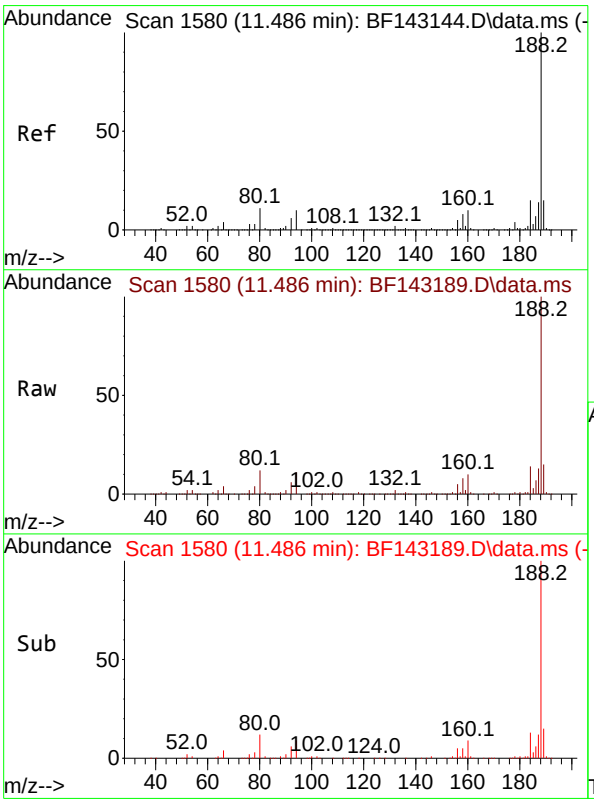
#63
Azobenzene
Concen: 38.405 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 636485

Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.6	44.6
105	21.3	1.4	41.4
51	34.1	13.7	53.7

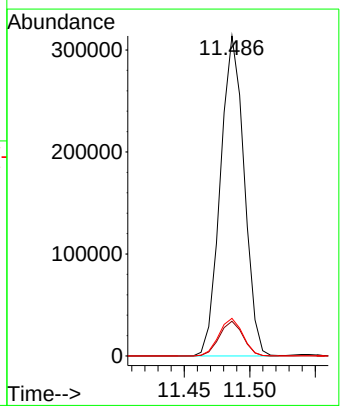


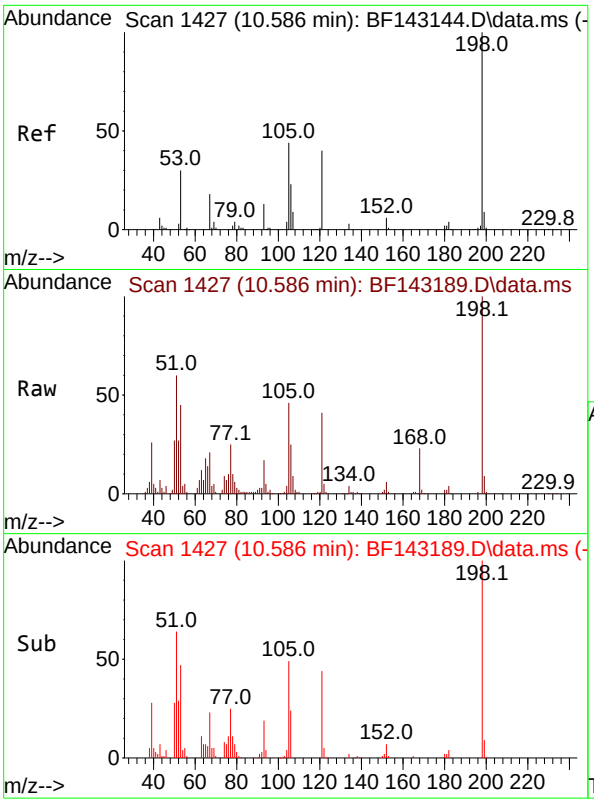


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:188 Resp: 395216

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	11.7	9.0	13.6



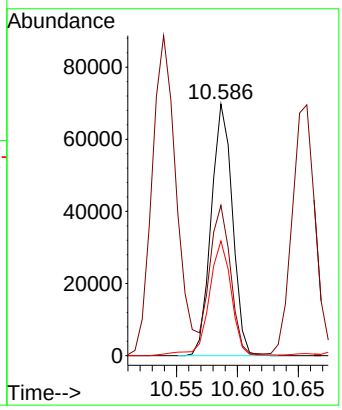


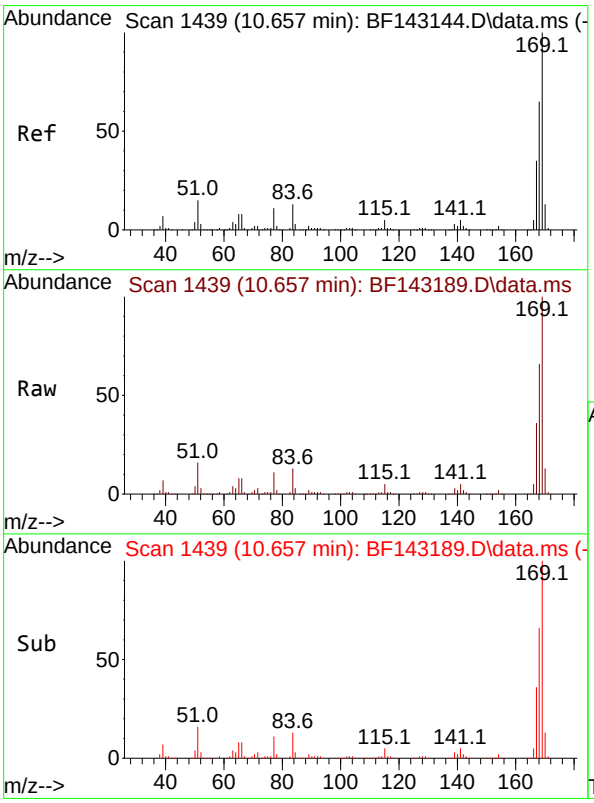
#65
4,6-Dinitro-2-methylphenol
Concen: 41.582 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 84461

Ion	Ratio	Lower	Upper
198	100		
51	59.7	37.2	77.2
105	45.6	24.8	64.8

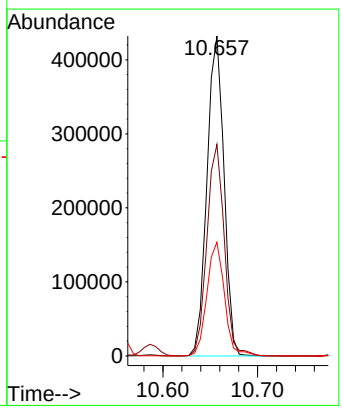


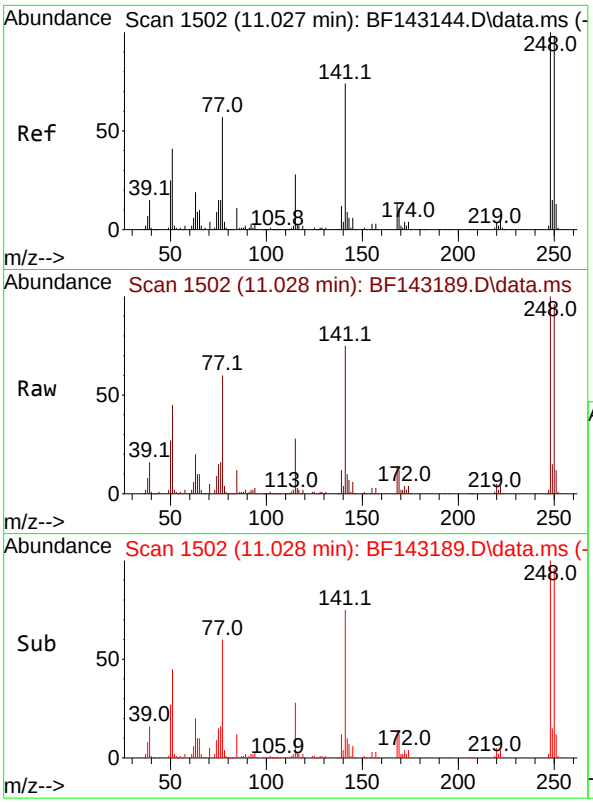


#66
n-Nitrosodiphenylamine
Concen: 38.742 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:169 Resp: 539169

Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.1	78.1
167	35.5	28.2	42.2



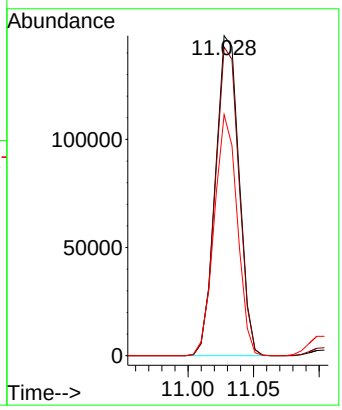


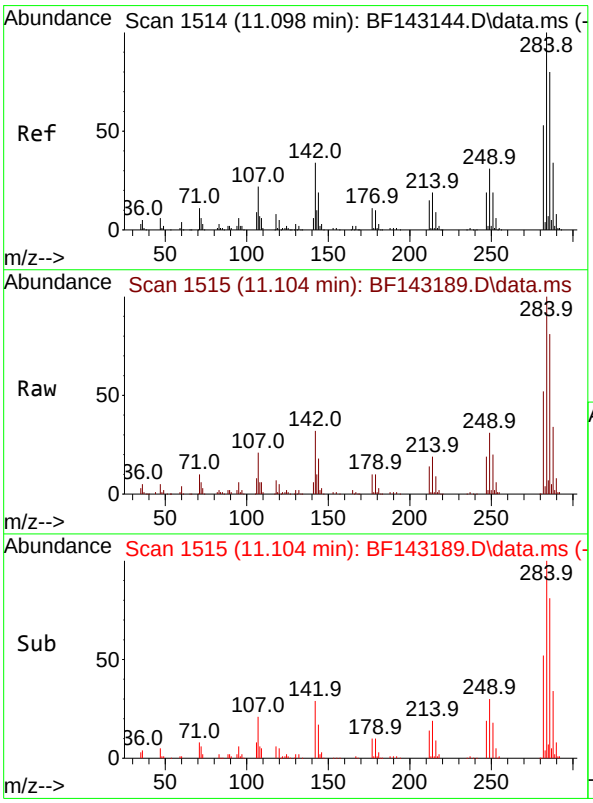
#67
4-Bromophenyl-phenylether
Concen: 39.399 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 185567

Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.3	117.5
141	75.3	59.2	88.8

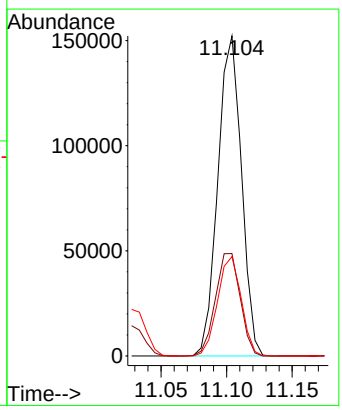


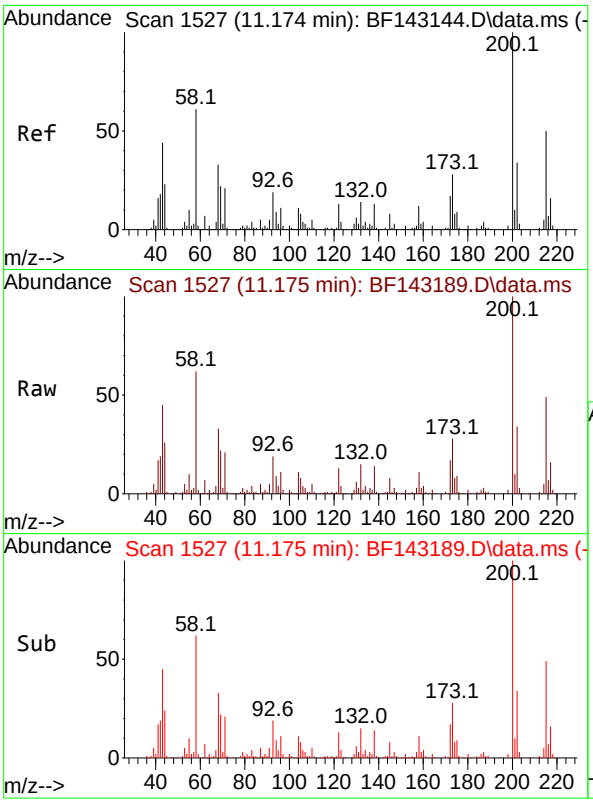


#68
Hexachlorobenzene
Concen: 38.662 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:284 Resp: 190328

Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.0	40.6
249	31.1	25.0	37.6



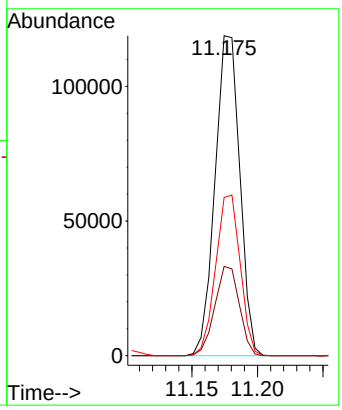


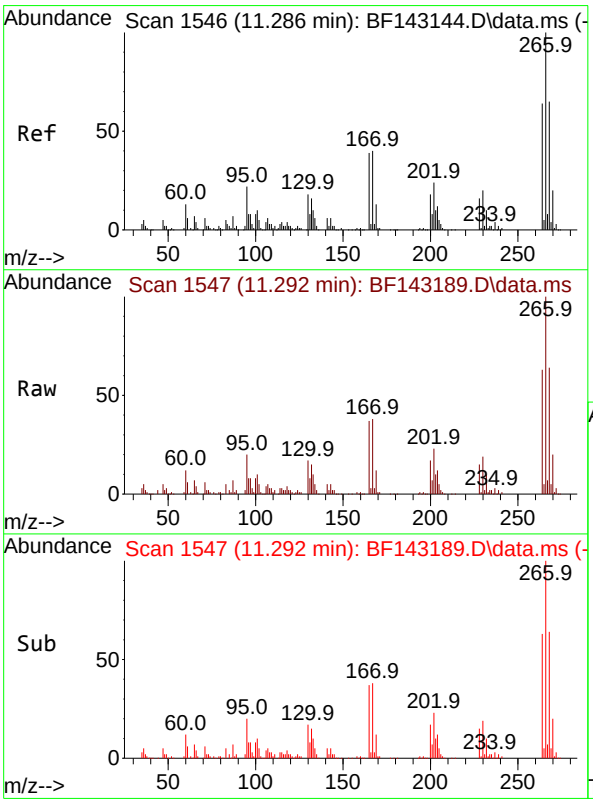
#69
Atrazine
Concen: 40.711 ng
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 156196

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	49.4	30.1	70.1

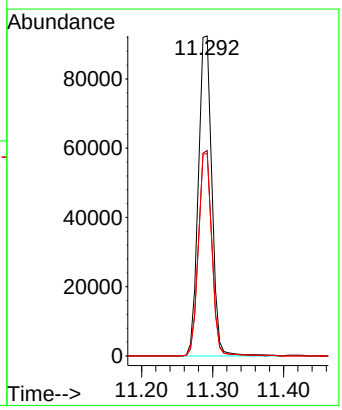


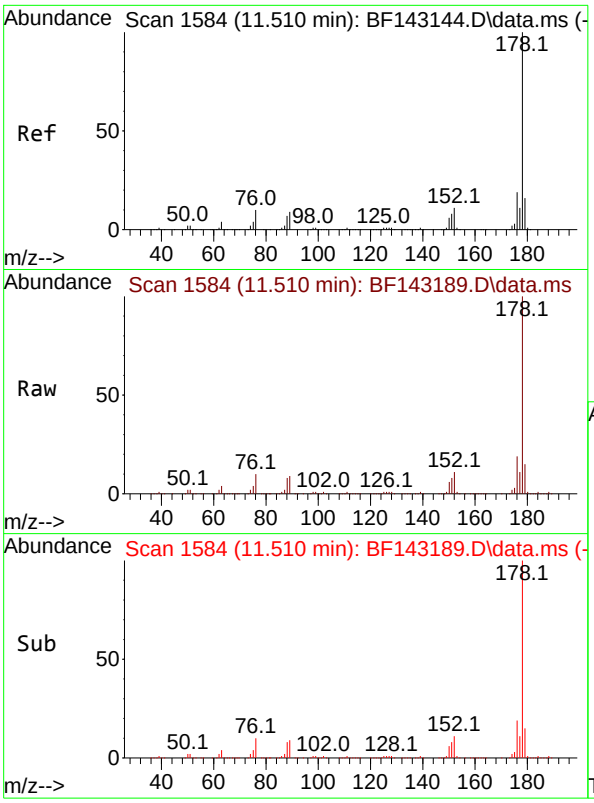


#70
Pentachlorophenol
Concen: 42.369 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:266 Resp: 122659

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.9	77.9
264	63.4	51.0	76.6



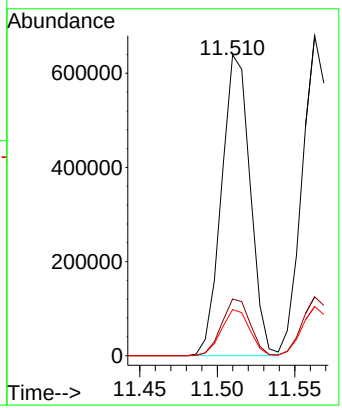


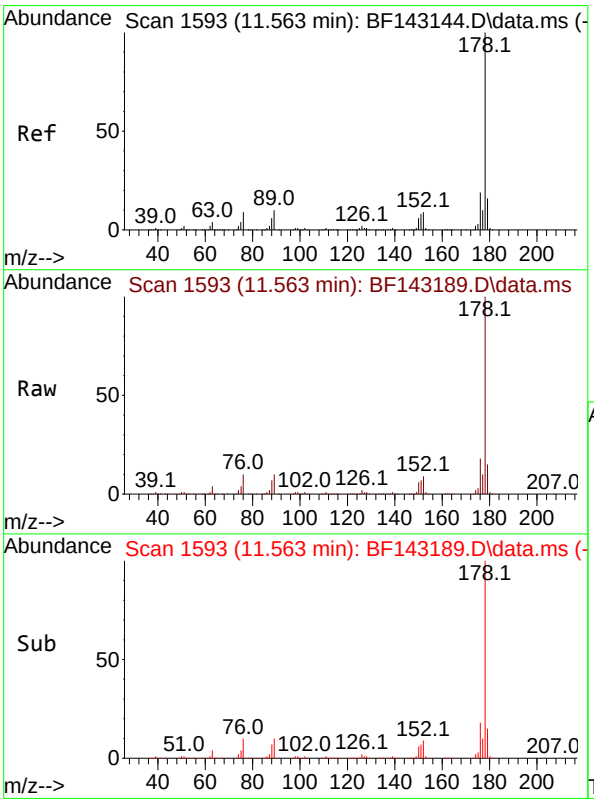
#71
Phenanthrene
Concen: 39.198 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 822568

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.5	18.7

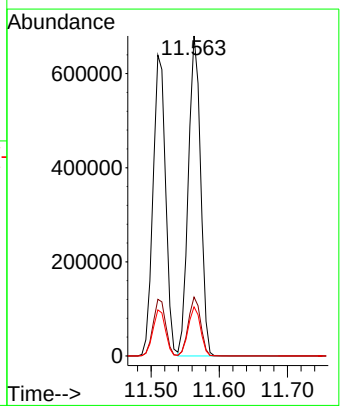


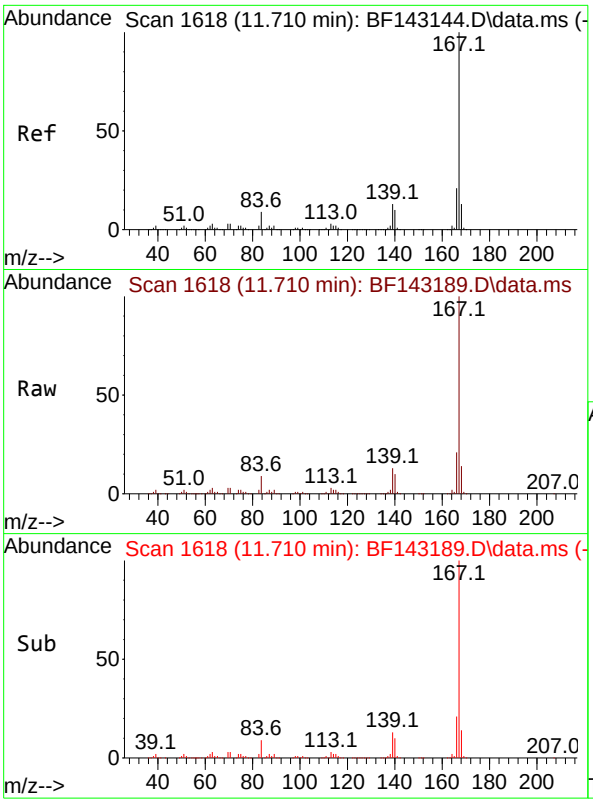


#72
Anthracene
Concen: 39.397 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:178 Resp: 843171

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.4	12.5	18.7



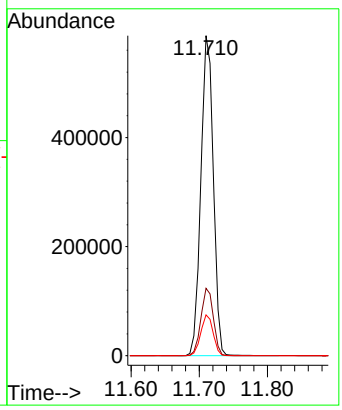


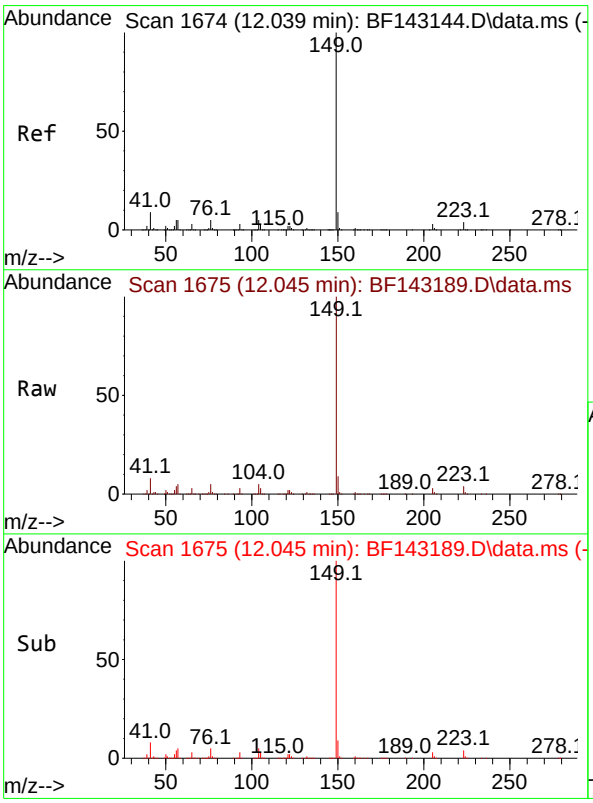
#73
Carbazole
Concen: 39.904 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 745732

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.7	10.0	15.0

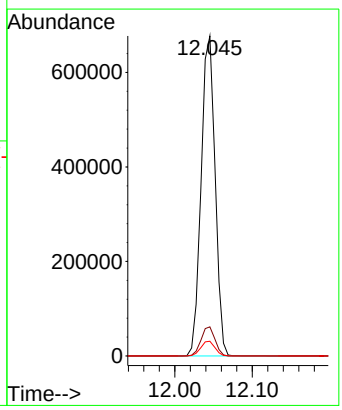


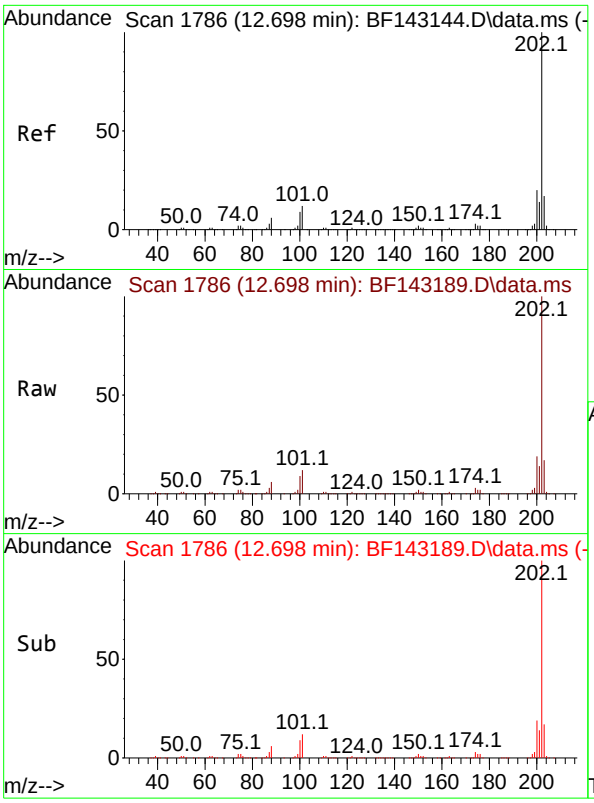


#74
Di-n-butylphthalate
Concen: 40.158 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 849173

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.6	3.8	5.8



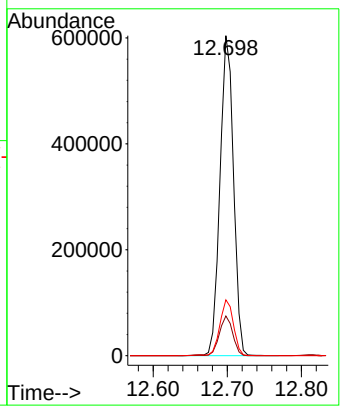


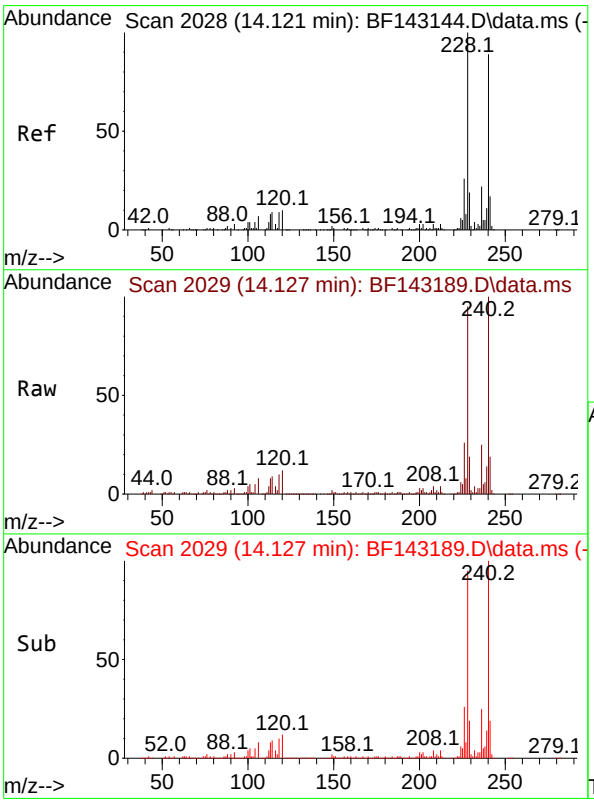
#75
Fluoranthene
Concen: 39.801 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 766621

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	17.5	0.0	37.4

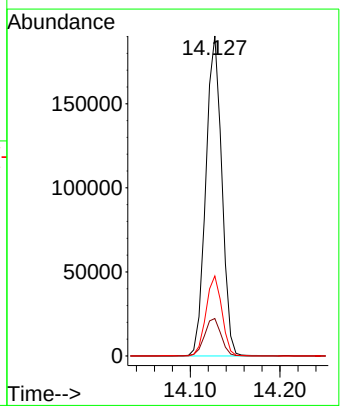


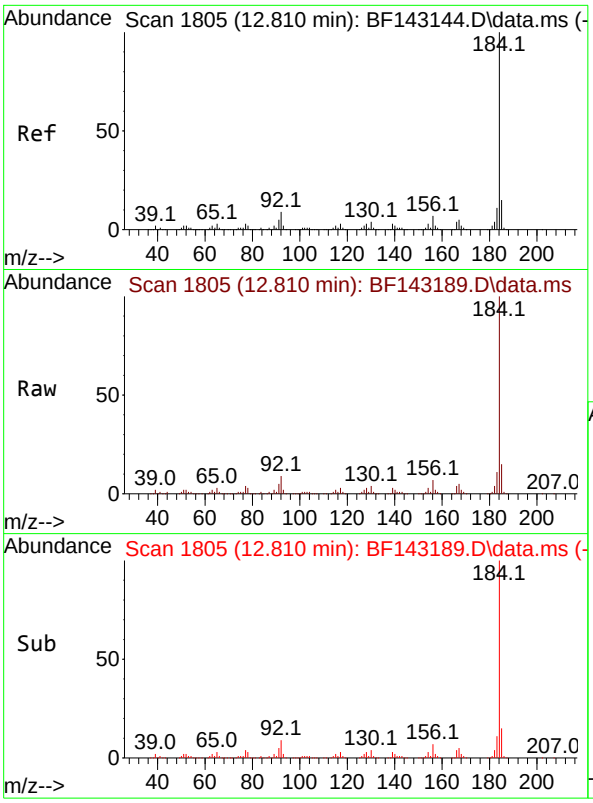


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:240 Resp: 234922

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	25.0	20.2	30.4



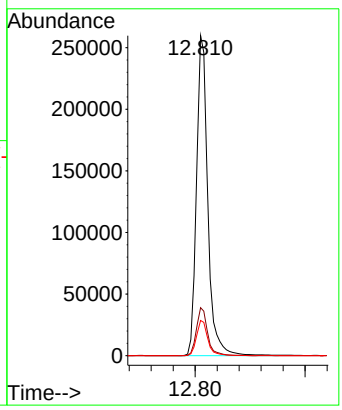


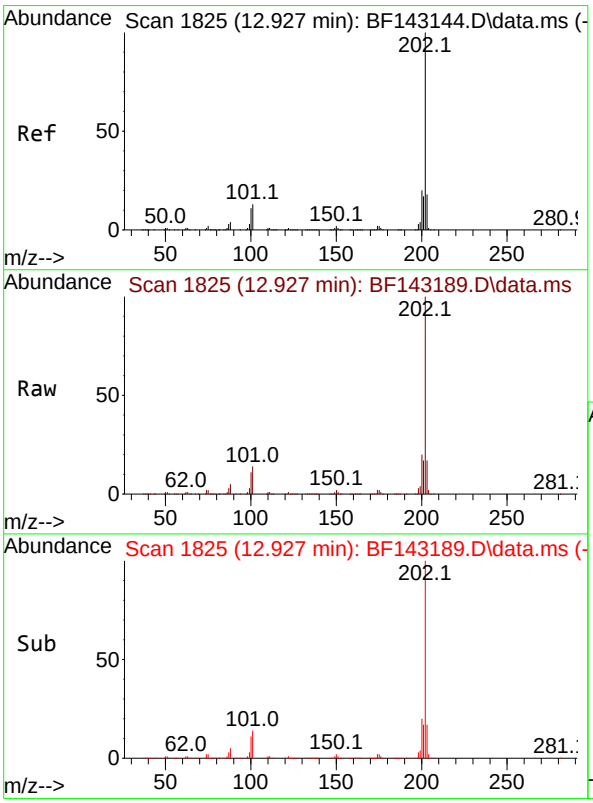
#77
Benzidine
Concen: 40.991 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 371006

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.4
183	11.0	9.0	13.4

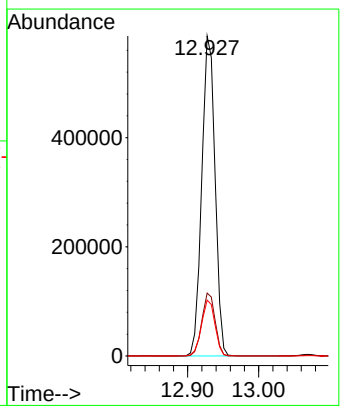


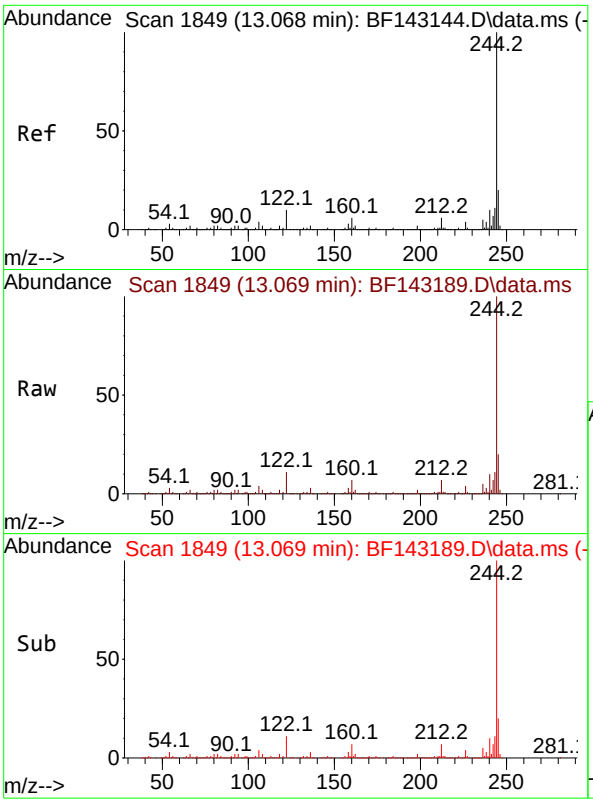


#78
Pyrene
Concen: 38.120 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:202 Resp: 764286

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.5	14.2	21.2



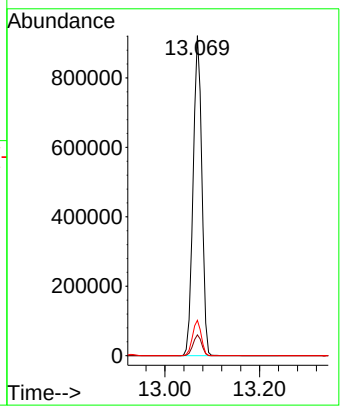


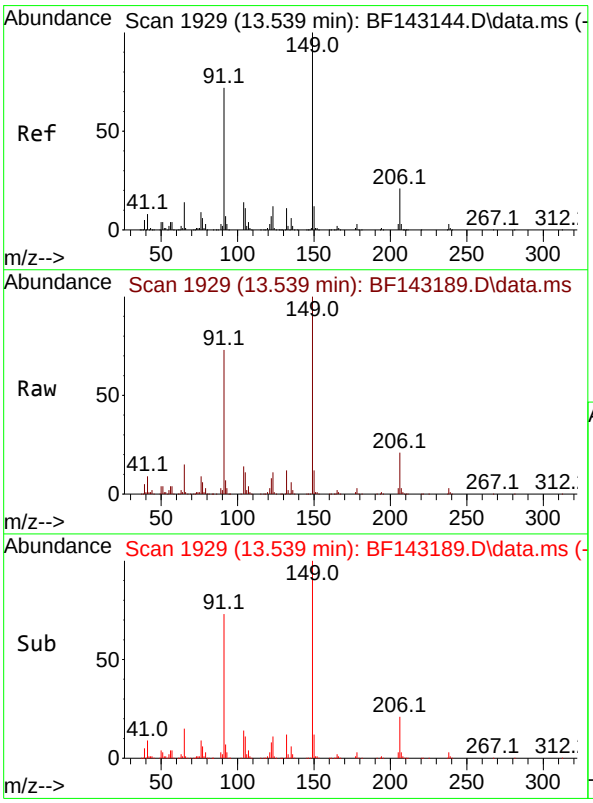
#79
Terphenyl-d14
Concen: 74.604 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1177750

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.0	8.2	12.2

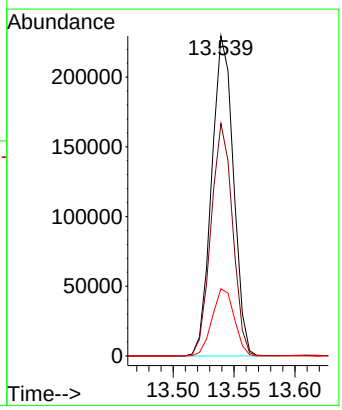


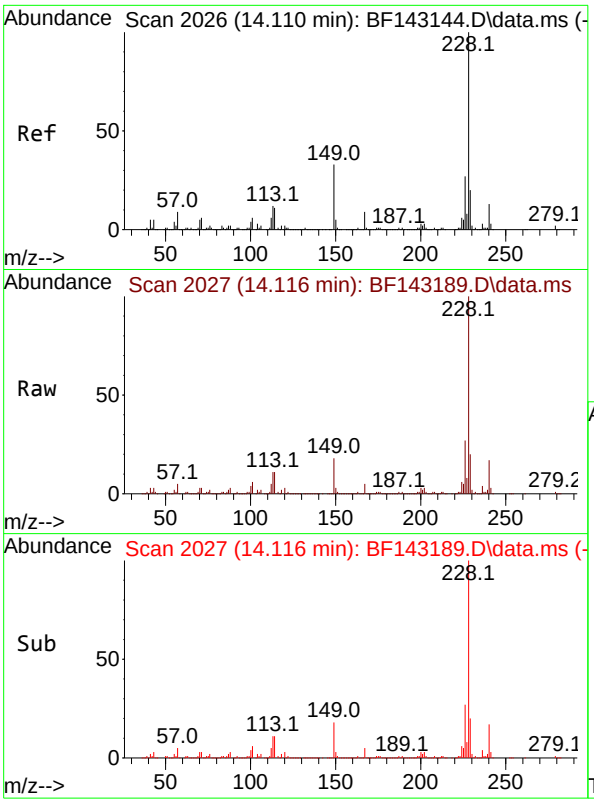


#80
Butylbenzylphthalate
Concen: 46.629 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 286273

Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.9	86.9
206	21.0	17.0	25.4



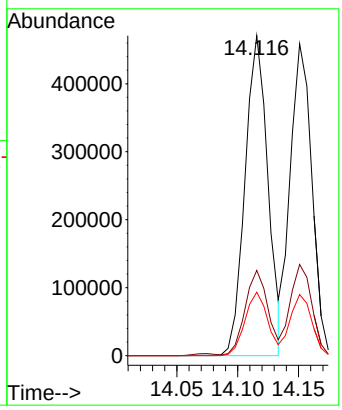


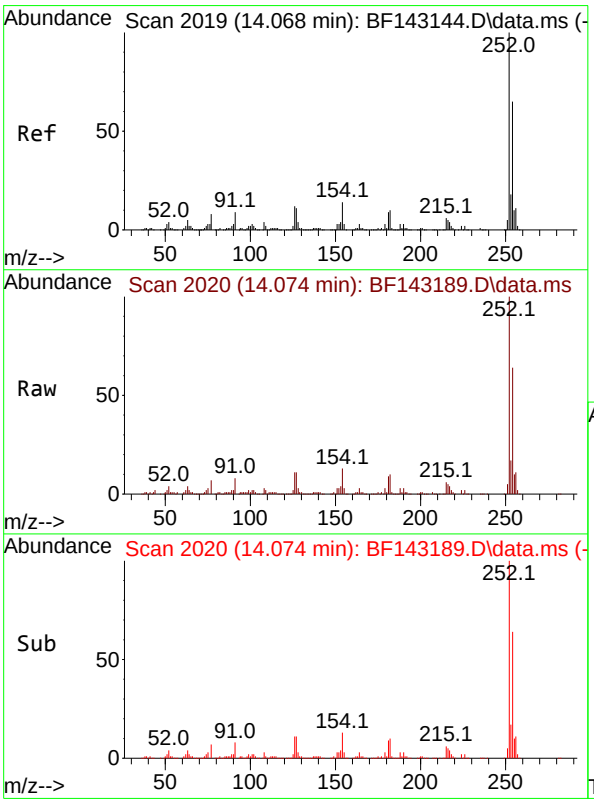
#81
Benzo(a)anthracene
Concen: 39.198 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 616503

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6

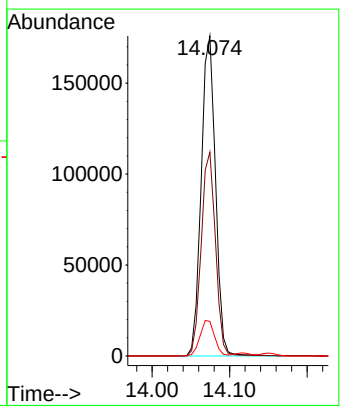


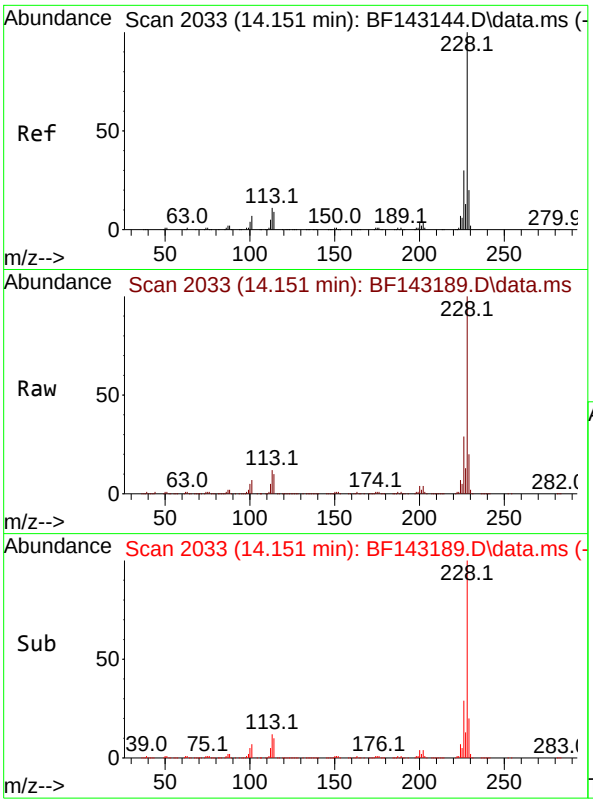


#82
3,3'-Dichlorobenzidine
Concen: 42.971 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:252 Resp: 225253

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	10.8	9.4	14.0



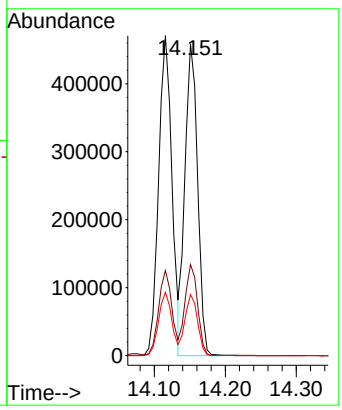


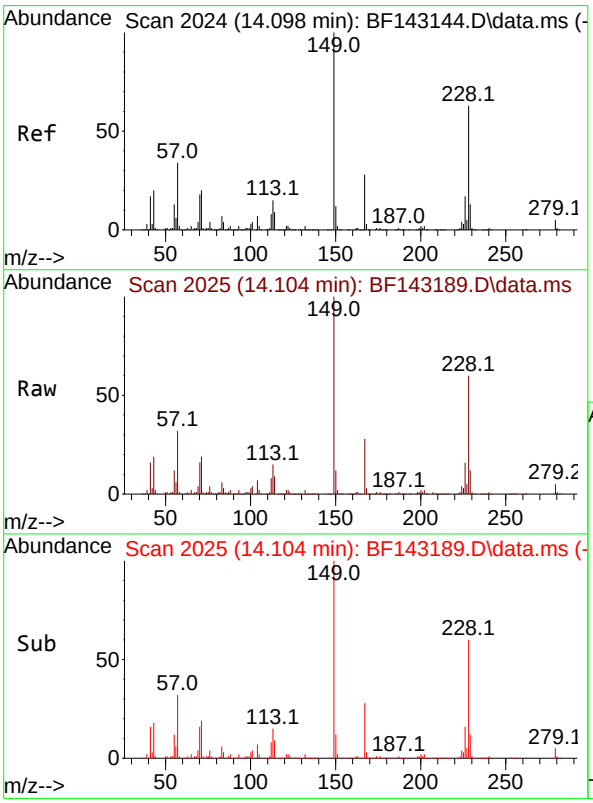
#83
Chrysene
Concen: 40.210 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 568603

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.6	15.6	23.4

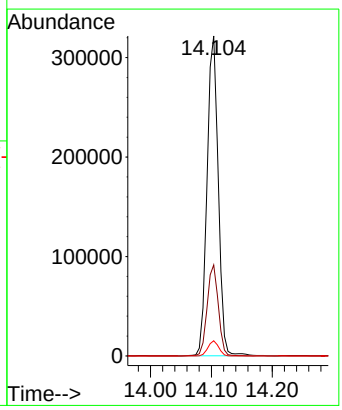


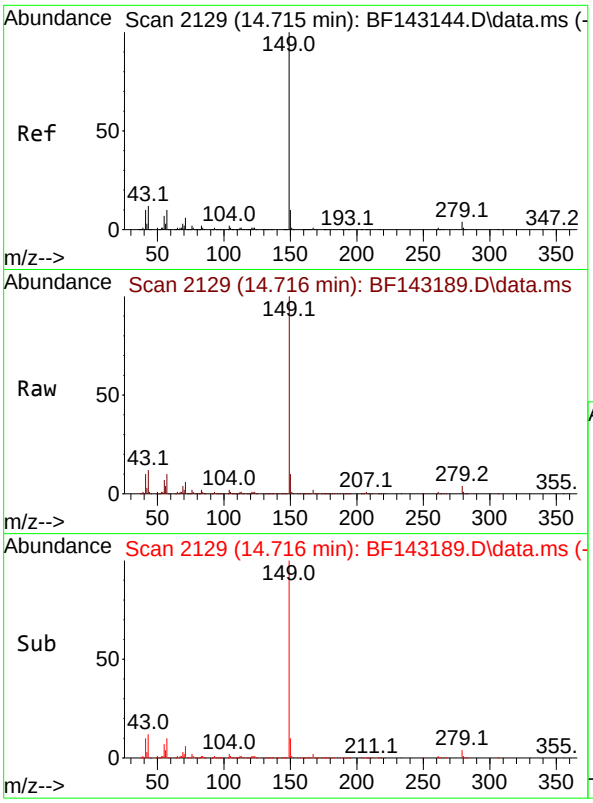


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.204 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 410770

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.7	3.6	5.4



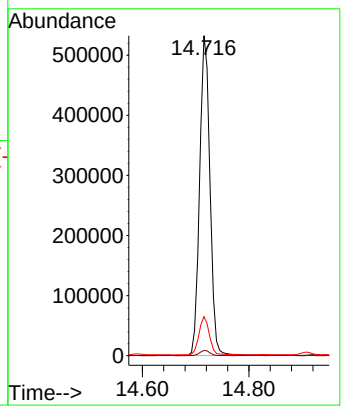


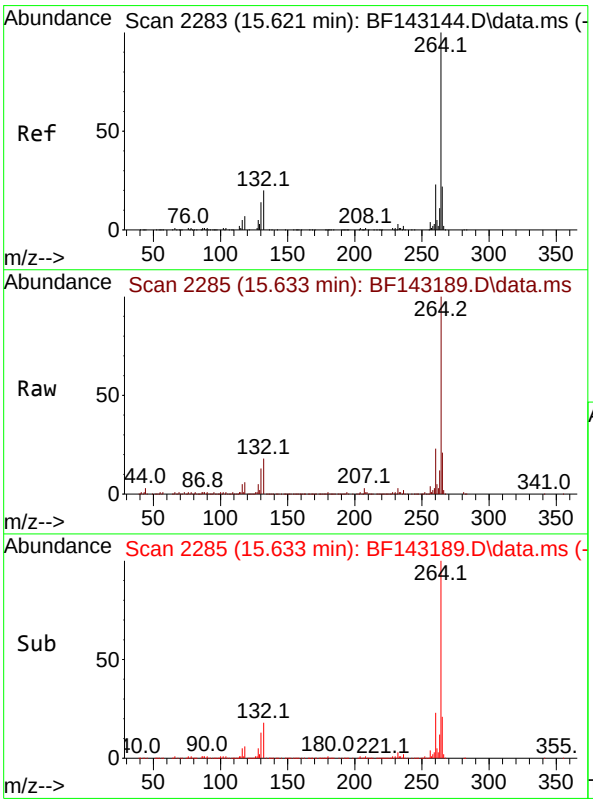
#85
Di-n-octyl phthalate
Concen: 42.471 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 715376

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	11.9	9.7	14.5

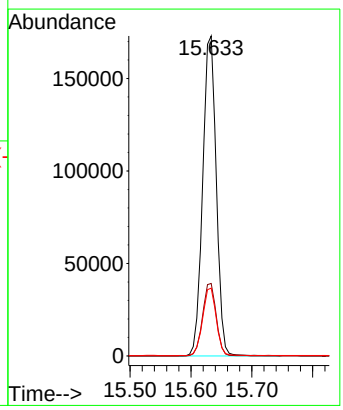


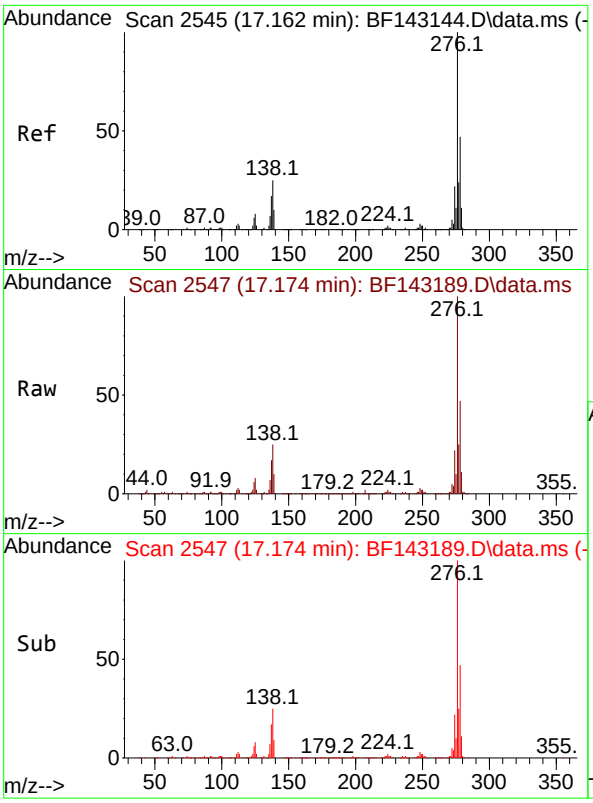


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:264 Resp: 268523

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.2	17.4	26.2



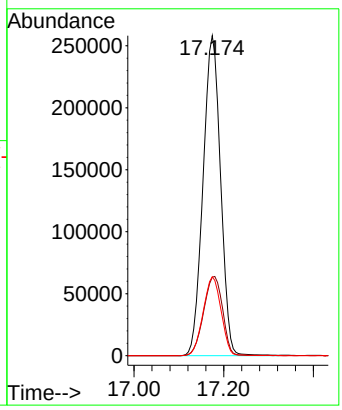


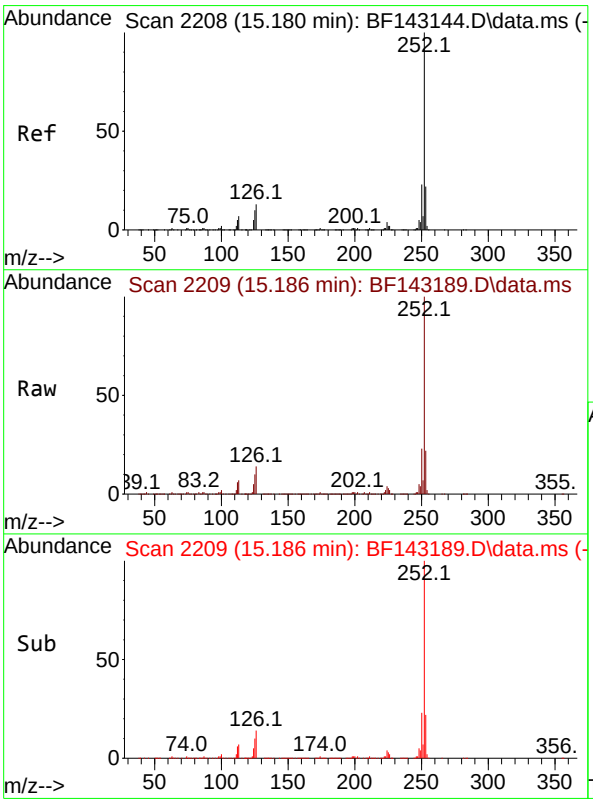
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.972 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 700038

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	25.3	20.0	30.0

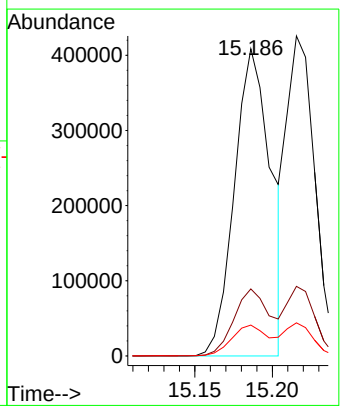


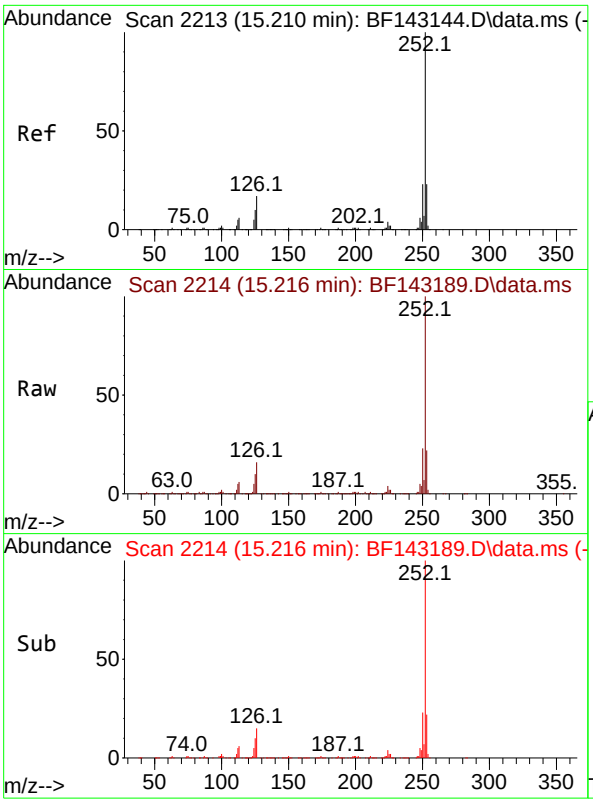


#88
Benzo(b)fluoranthene
Concen: 40.793 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:252 Resp: 669179

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.1	8.0	12.0



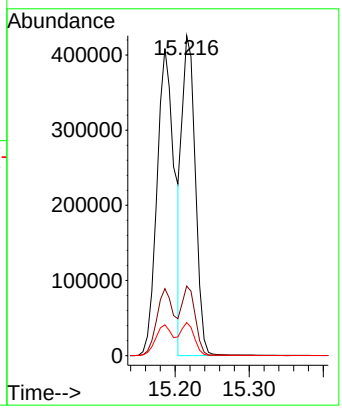


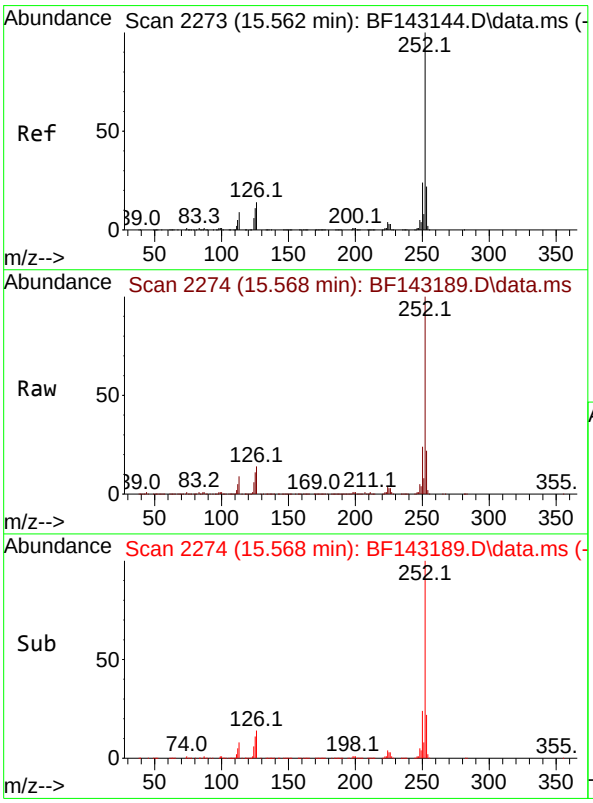
#89
Benzo(k)fluoranthene
Concen: 36.651 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 536517

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.4	8.1	12.1

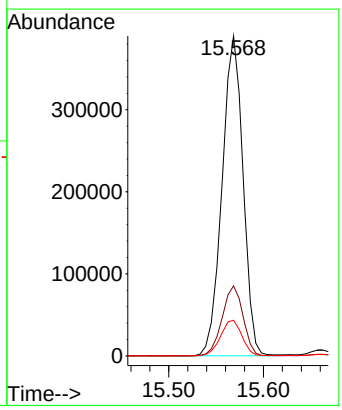


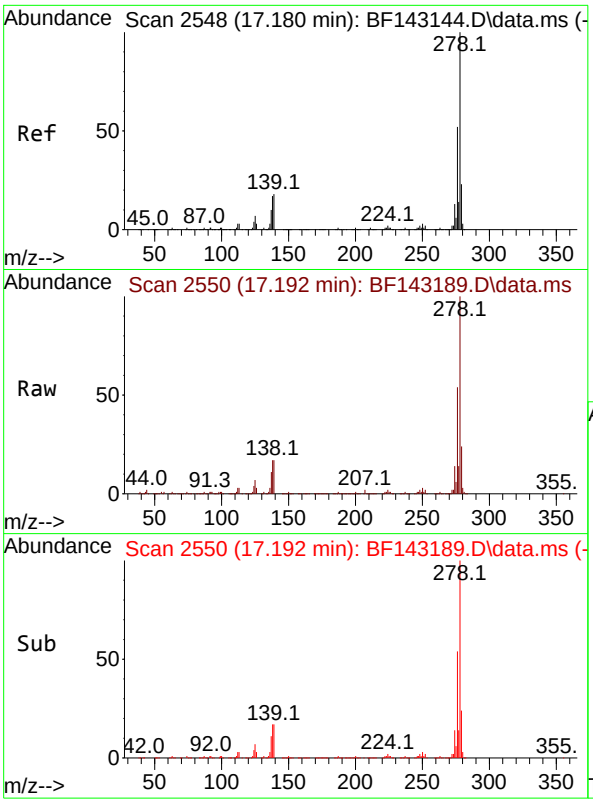


#90
Benzo(a)pyrene
Concen: 39.621 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:252 Resp: 598833

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.2	8.6	13.0



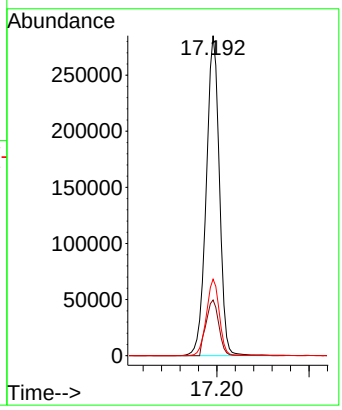


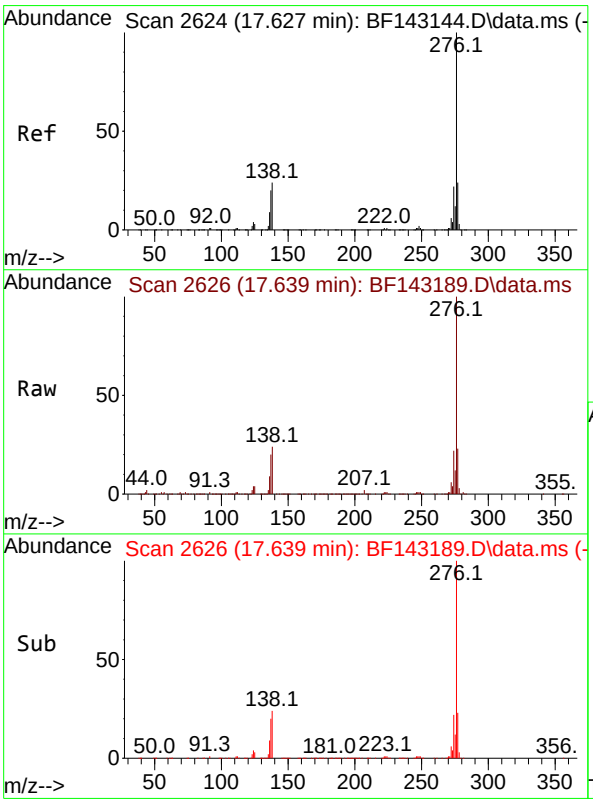
#91
Dibenzo(a,h)anthracene
Concen: 36.822 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 567481

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.9	18.6	28.0

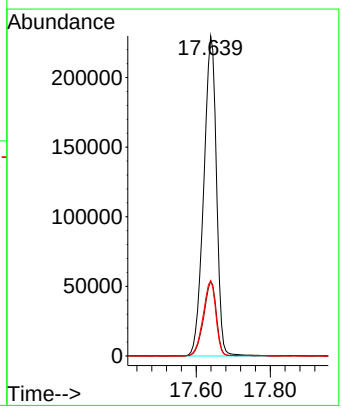




#92
Benzo(g,h,i)perylene
Concen: 36.812 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:276 Resp: 548789

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.6	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
2		1,4-Dioxane	0.598	0.582	2.7	71	-0.01
3		Pyridine	1.552	1.527	1.6	73	0.00
4		n-Nitrosodimethylamine	0.801	0.806	-0.6	72	-0.01
5	S	2-Fluorophenol	1.264	1.251	1.0	74	0.00
6		Aniline	2.217	2.210	0.3	73	0.00
7	S	Phenol-d6	1.591	1.592	-0.1	75	0.00
8		2-Chlorophenol	1.325	1.341	-1.2	75	0.00
9		Benzaldehyde	1.193	1.131	5.2	57	0.00
10	C	Phenol	1.733	1.829	-5.5	78	0.00
11		bis(2-Chloroethyl)ether	1.327	1.315	0.9	74	0.00
12		1,3-Dichlorobenzene	1.439	1.432	0.5	74	0.00
13	C	1,4-Dichlorobenzene	1.449	1.455	-0.4	75	0.00
14		1,2-Dichlorobenzene	1.378	1.395	-1.2	76	0.00
15		Benzyl Alcohol	1.215	1.240	-2.1	74	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.490	-1.2	75	0.00
17		2-Methylphenol	1.114	1.126	-1.1	75	0.00
18		Hexachloroethane	0.502	0.518	-3.2	76	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.994	2.6	73	0.00
20		3+4-Methylphenols	1.351	1.397	-3.4	76	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
22		Acetophenone	0.474	0.462	2.5	75	0.00
23	S	Nitrobenzene-d5	0.401	0.408	-1.7	76	0.00
24		Nitrobenzene	0.374	0.383	-2.4	76	0.00
25		Isophorone	0.708	0.695	1.8	74	0.00
26	C	2-Nitrophenol	0.162	0.179	-10.5	77	0.00
27		2,4-Dimethylphenol	0.331	0.323	2.4	74	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.414	2.6	74	0.00
29	C	2,4-Dichlorophenol	0.279	0.281	-0.7	75	0.00
30		1,2,4-Trichlorobenzene	0.302	0.296	2.0	75	0.00
31		Naphthalene	0.985	0.970	1.5	75	0.00
32		Benzoic acid	0.169	0.200	-18.3	82	0.00
33		4-Chloroaniline	0.402	0.399	0.7	76	0.00
34	C	Hexachlorobutadiene	0.184	0.183	0.5	75	0.00
35		Caprolactam	0.084	0.088	-4.8	75	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.301	0.7	74	0.00
37		2-Methylnaphthalene	0.599	0.588	1.8	75	0.00
38		1-Methylnaphthalene	0.617	0.610	1.1	75	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	74	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.559	3.1	76	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.371	1.3	74	0.00
42	S	2,4,6-Tribromophenol	0.207	0.210	-1.4	74	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.390	2.5	76	0.00
44		2,4,5-Trichlorophenol	0.400	0.403	-0.8	74	0.00
45	S	2-Fluorobiphenyl	1.462	1.403	4.0	77	0.00
46		1,1'-Biphenyl	1.560	1.528	2.1	76	0.00
47		2-Chloronaphthalene	1.155	1.118	3.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.362	0.387	-6.9	76	0.00
49		Acenaphthylene	1.935	1.893	2.2	76	0.00
50		Dimethylphthalate	1.304	1.276	2.1	74	0.00
51		2,6-Dinitrotoluene	0.265	0.276	-4.2	74	0.00
52	C	Acenaphthene	1.144	1.128	1.4	77	0.00
53		3-Nitroaniline	0.310	0.319	-2.9	75	0.00
54	P	2,4-Dinitrophenol	0.098	0.122	-24.5	87	0.00
55		Dibenzofuran	1.698	1.649	2.9	75	0.00
56	P	4-Nitrophenol	0.232	0.233	-0.4	71	0.00
57		2,4-Dinitrotoluene	0.333	0.359	-7.8	75	0.00
58		Fluorene	1.274	1.222	4.1	75	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.337	-1.8	75	0.00
60		Diethylphthalate	1.289	1.256	2.6	74	0.00
61		4-Chlorophenyl-phenylether	0.635	0.614	3.3	75	0.00
62		4-Nitroaniline	0.266	0.274	-3.0	73	0.00
63		Azobenzene	1.343	1.289	4.0	73	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	73	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.107	-13.8	80	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.682	3.1	74	0.00
67		4-Bromophenyl-phenylether	0.238	0.235	1.3	75	0.00
68		Hexachlorobenzene	0.249	0.241	3.2	73	0.00
69		Atrazine	0.194	0.198	-2.1	73	0.00
70	C	Pentachlorophenol	0.147	0.155	-5.4	76	0.00
71		Phenanthrene	1.062	1.041	2.0	74	0.00
72		Anthracene	1.083	1.067	1.5	75	0.00
73		Carbazole	0.946	0.943	0.3	74	0.00
74		Di-n-butylphthalate	1.070	1.074	-0.4	73	0.00
75	C	Fluoranthene	0.975	0.970	0.5	74	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77		Benzidine	0.771	0.790	-2.5	66	0.00
78		Pyrene	1.707	1.627	4.7	75	0.00
79	S	Terphenyl-d14	1.344	1.253	6.8	76	0.00
80		Butylbenzylphthalate	0.523	0.609	-16.4	89	0.00
81		Benzo(a)anthracene	1.339	1.312	2.0	81	0.00
82		3,3'-Dichlorobenzidine	0.446	0.479	-7.4	89	0.00
83		Chrysene	1.204	1.210	-0.5	80	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.874	-10.5	88	0.00
85	c	Di-n-octyl phthalate	1.434	1.523	-6.2	87	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.01
87		Indeno(1,2,3-cd)pyrene	1.410	1.303	7.6	77	0.01
88		Benzo(b)fluoranthene	1.222	1.246	-2.0	90	0.00
89		Benzo(k)fluoranthene	1.090	0.999	8.3	73	0.00
90	C	Benzo(a)pyrene	1.126	1.115	1.0	83	0.00
91		Dibenzo(a,h)anthracene	1.148	1.057	7.9	76	0.01
92		Benzo(g,h,i)perylene	1.110	1.022	7.9	76	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	73	0.00
2		1,4-Dioxane	40.000	38.959	2.6	71	-0.01
3		Pyridine	40.000	39.351	1.6	73	0.00
4		n-Nitrosodimethylamine	40.000	40.224	-0.6	72	-0.01
5	S	2-Fluorophenol	80.000	79.198	1.0	74	0.00
6		Aniline	40.000	39.865	0.3	73	0.00
7	S	Phenol-d6	80.000	80.055	-0.1	75	0.00
8		2-Chlorophenol	40.000	40.492	-1.2	75	0.00
9		Benzaldehyde	40.000	37.926	5.2	57	0.00
10	C	Phenol	40.000	42.211	-5.5	78	0.00
11		bis(2-Chloroethyl)ether	40.000	39.634	0.9	74	0.00
12		1,3-Dichlorobenzene	40.000	39.797	0.5	74	0.00
13	C	1,4-Dichlorobenzene	40.000	40.163	-0.4	75	0.00
14		1,2-Dichlorobenzene	40.000	40.476	-1.2	76	0.00
15		Benzyl Alcohol	40.000	40.831	-2.1	74	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.459	-1.1	75	0.00
17		2-Methylphenol	40.000	40.419	-1.0	75	0.00
18		Hexachloroethane	40.000	41.338	-3.3	76	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.965	2.6	73	0.00
20		3+4-Methylphenols	40.000	41.359	-3.4	76	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	74	0.00
22		Acetophenone	40.000	38.999	2.5	75	0.00
23	S	Nitrobenzene-d5	80.000	81.266	-1.6	76	0.00
24		Nitrobenzene	40.000	40.959	-2.4	76	0.00
25		Isophorone	40.000	39.224	1.9	74	0.00
26	C	2-Nitrophenol	40.000	44.222	-10.6	77	0.00
27		2,4-Dimethylphenol	40.000	39.022	2.4	74	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.989	2.5	74	0.00
29	C	2,4-Dichlorophenol	40.000	40.231	-0.6	75	0.00
30		1,2,4-Trichlorobenzene	40.000	39.298	1.8	75	0.00
31		Naphthalene	40.000	39.396	1.5	75	0.00
32		Benzoic acid	40.000	43.370	-8.4	82	0.00
33		4-Chloroaniline	40.000	39.717	0.7	76	0.00
34	C	Hexachlorobutadiene	40.000	39.691	0.8	75	0.00
35		Caprolactam	40.000	41.728	-4.3	75	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.736	0.7	74	0.00
37		2-Methylnaphthalene	40.000	39.216	2.0	75	0.00
38		1-Methylnaphthalene	40.000	39.510	1.2	75	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	74	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.747	3.1	76	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.541	1.1	74	0.00
42	S	2,4,6-Tribromophenol	80.000	81.123	-1.4	74	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.086	2.3	76	0.00
44		2,4,5-Trichlorophenol	40.000	40.285	-0.7	74	0.00
45	S	2-Fluorobiphenyl	80.000	76.735	4.1	77	0.00
46		1,1'-Biphenyl	40.000	39.171	2.1	76	0.00
47		2-Chloronaphthalene	40.000	38.731	3.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.740	-6.9	76	0.00
49		Acenaphthylene	40.000	39.136	2.2	76	0.00
50		Dimethylphthalate	40.000	39.152	2.1	74	0.00
51		2,6-Dinitrotoluene	40.000	41.650	-4.1	74	0.00
52	C	Acenaphthene	40.000	39.440	1.4	77	0.00
53		3-Nitroaniline	40.000	41.140	-2.9	75	0.00
54	P	2,4-Dinitrophenol	40.000	43.787	-9.5	87	0.00
55		Dibenzofuran	40.000	38.849	2.9	75	0.00
56	P	4-Nitrophenol	40.000	40.283	-0.7	71	0.00
57		2,4-Dinitrotoluene	40.000	43.119	-7.8	75	0.00
58		Fluorene	40.000	38.372	4.1	75	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.701	-1.8	75	0.00
60		Diethylphthalate	40.000	38.988	2.5	74	0.00
61		4-Chlorophenyl-phenylether	40.000	38.676	3.3	75	0.00
62		4-Nitroaniline	40.000	41.196	-3.0	73	0.00
63		Azobenzene	40.000	38.405	4.0	73	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	73	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.582	-4.0	80	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.742	3.1	74	0.00
67		4-Bromophenyl-phenylether	40.000	39.399	1.5	75	0.00
68		Hexachlorobenzene	40.000	38.662	3.3	73	0.00
69		Atrazine	40.000	40.711	-1.8	73	0.00
70	C	Pentachlorophenol	40.000	42.369	-5.9	76	0.00
71		Phenanthrene	40.000	39.198	2.0	74	0.00
72		Anthracene	40.000	39.397	1.5	75	0.00
73		Carbazole	40.000	39.904	0.2	74	0.00
74		Di-n-butylphthalate	40.000	40.158	-0.4	73	0.00
75	C	Fluoranthene	40.000	39.801	0.5	74	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77		Benzidine	40.000	40.991	-2.5	66	0.00
78		Pyrene	40.000	38.120	4.7	75	0.00
79	S	Terphenyl-d14	80.000	74.604	6.7	76	0.00
80		Butylbenzylphthalate	40.000	46.629	-16.6	89	0.00
81		Benzo(a)anthracene	40.000	39.198	2.0	81	0.00
82		3,3'-Dichlorobenzidine	40.000	42.971	-7.4	89	0.00
83		Chrysene	40.000	40.210	-0.5	80	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.204	-10.5	88	0.00
85	c	Di-n-octyl phthalate	40.000	42.471	-6.2	87	0.00
86	I	Perylene-d12	20.000	20.000	0.0	83	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	36.972	7.6	77	0.01
88		Benzo(b)fluoranthene	40.000	40.793	-2.0	90	0.00
89		Benzo(k)fluoranthene	40.000	36.651	8.4	73	0.00
90	C	Benzo(a)pyrene	40.000	39.621	0.9	83	0.00
91		Dibenzo(a,h)anthracene	40.000	36.822	7.9	76	0.01
92		Benzo(g,h,i)perylene	40.000	36.812	8.0	76	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q2641

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.455		-6.3	
2-Fluorophenol	1.264	1.243		-1.7	
Phenol-d6	1.591	1.523		-4.3	
1,4-Dichlorobenzene	1.449	1.442		-0.5	20.0
2-Methylphenol	1.114	1.066		-4.3	
3+4-Methylphenols	1.351	1.319		-2.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.377		0.8	
Hexachlorobutadiene	0.184	0.189		2.7	20.0
2,4,6-Trichlorophenol	0.400	0.386		-3.5	20.0
2-Fluorobiphenyl	1.462	1.452		-0.7	
2,4,5-Trichlorophenol	0.400	0.402		0.5	
2,4-Dinitrotoluene	0.333	0.361		8.4	
2,4,6-Tribromophenol	0.207	0.202		-2.4	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Terphenyl-d14	1.344	1.178		-12.4	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	97351	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng		0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng		0.00
86) Perylene-d12	15.627	264	245226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	484136	78.697	ng		0.00
7) Phenol-d6	6.592	99	593088	76.594	ng		0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng		0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng		98
3) Pyridine	3.575	79	283334	37.501	ng		98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng		97
6) Aniline	6.628	93	402849	37.330	ng		99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng		97
9) Benzaldehyde	6.510	77	207569	35.749	ng		98
10) Phenol	6.604	94	336045	39.837	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng		99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng		98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng		99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng		99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng		99
17) 2-Methylphenol	7.210	107	207561	38.282	ng		99
18) Hexachloroethane	7.481	117	100851	41.296	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng		98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	#	77
22) Acetophenone	7.369	105	335287	38.853	ng	#	99
24) Nitrobenzene	7.539	77	274884	40.321	ng		99
25) Isophorone	7.781	82	487827	37.791	ng		98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng		99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng		99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng		100
31) Naphthalene	8.269	128	713073	39.723	ng		99
32) Benzoic acid	7.986	122	138803	41.627	ng		98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng		99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng		99
35) Caprolactam	8.663	113	62853	40.895	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng		97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng		100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng		99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

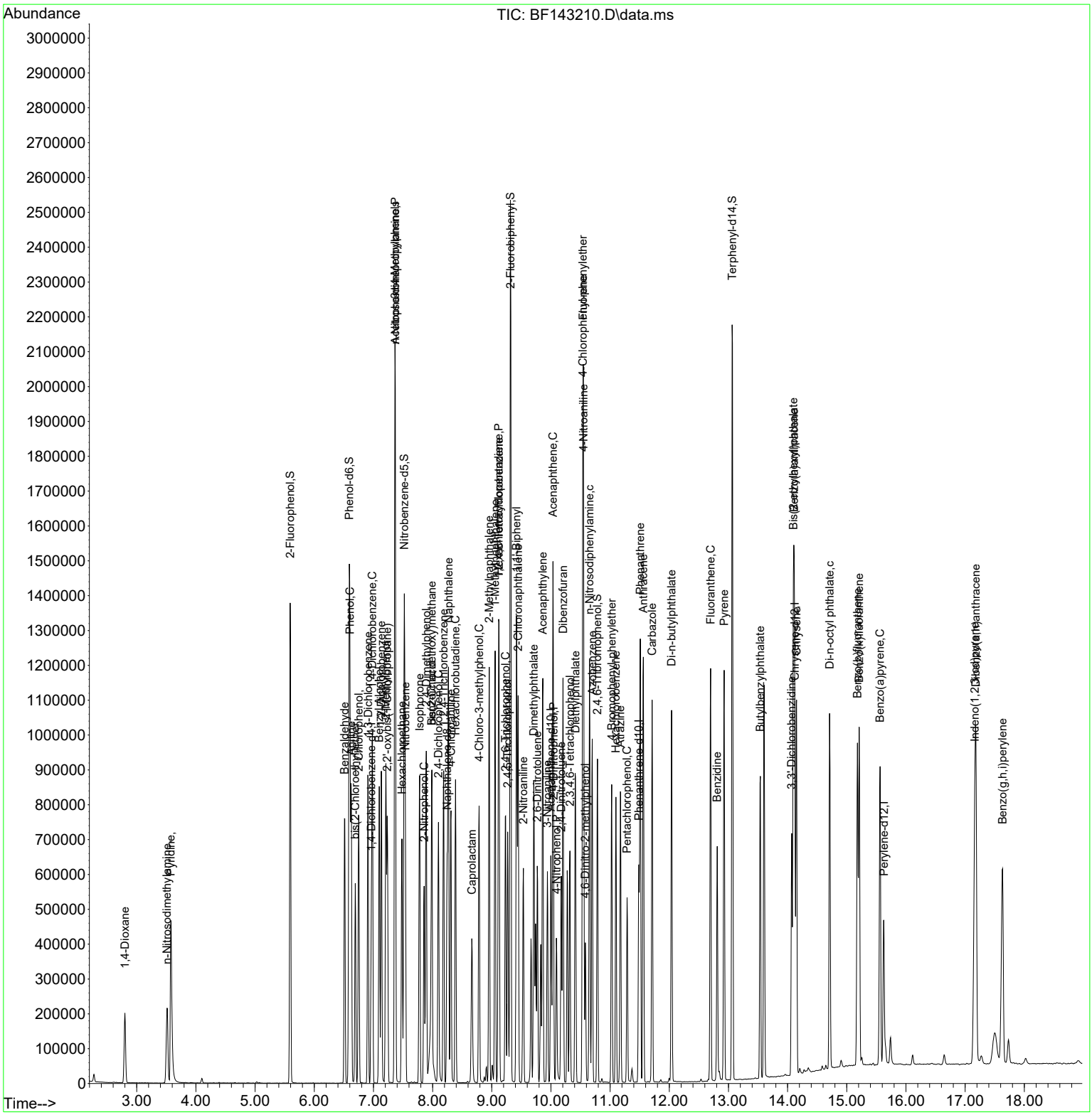
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng		98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng		100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng		99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng		99
49) Acenaphthylene	9.863	152	707016	38.989	ng		100
50) Dimethylphthalate	9.710	163	482643	39.503	ng		100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng		96
52) Acenaphthene	10.033	154	424478	39.605	ng		99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng		98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng	#	50
55) Dibenzofuran	10.204	168	625794	39.327	ng		100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng		97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng		96
58) Fluorene	10.545	166	476175	39.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng		98
60) Diethylphthalate	10.416	149	478128	39.593	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng		98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng		99
63) Azobenzene	10.698	77	489180	38.867	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng		94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng		99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng		99
69) Atrazine	11.174	200	126687	42.107	ng		99
70) Pentachlorophenol	11.286	266	83028	36.572	ng		99
71) Phenanthrene	11.510	178	646817	39.306	ng		100
72) Anthracene	11.563	178	667319	39.761	ng		100
73) Carbazole	11.710	167	608177	41.500	ng		99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng		100
75) Fluoranthene	12.698	202	673881	44.615	ng		99
77) Benzidine	12.810	184	357711	40.712	ng		98
78) Pyrene	12.927	202	676567	34.761	ng		99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng		97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng		100
83) Chrysene	14.151	228	547436	39.878	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng		99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng		99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng		99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng		100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng		99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng		99

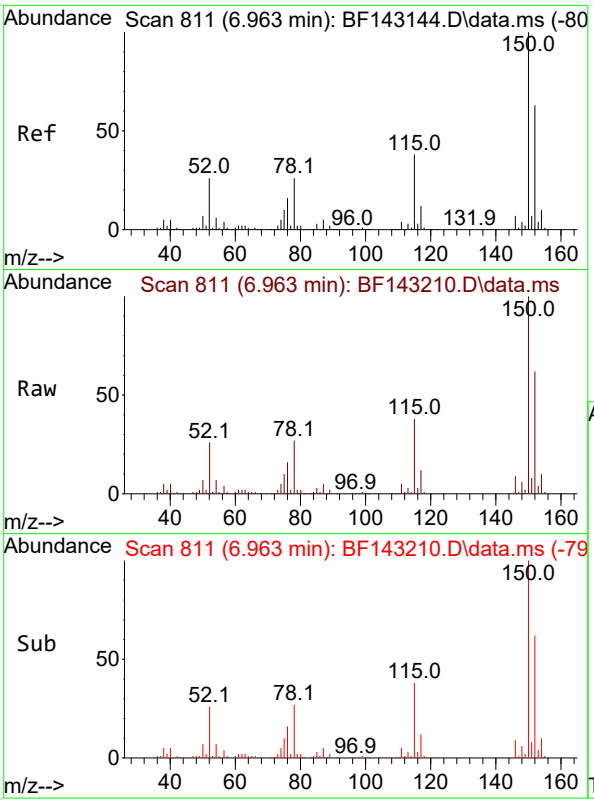
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



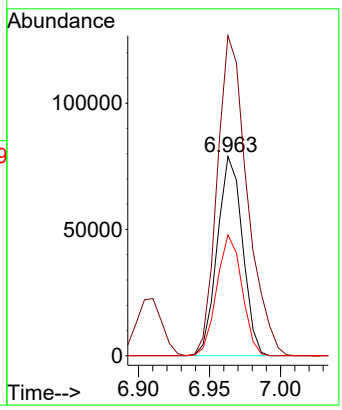


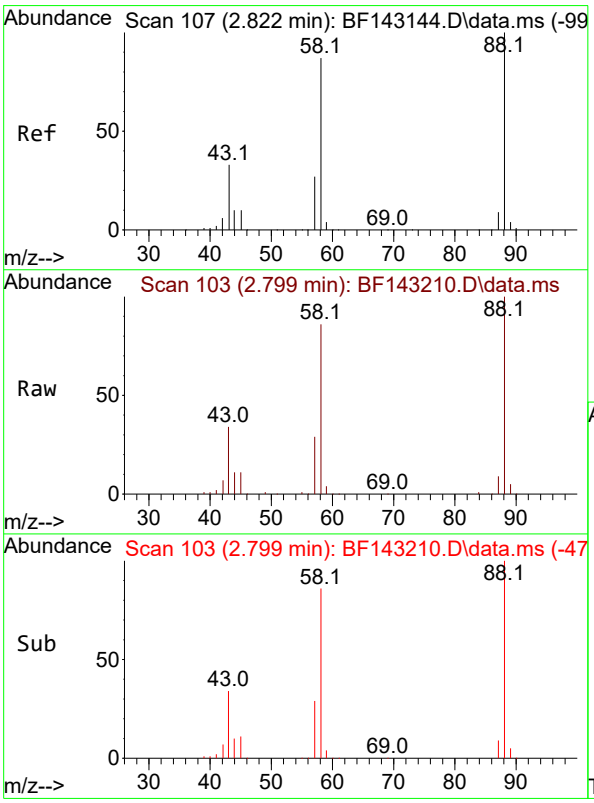
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 97351

Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.2	192.4
115	60.7	47.9	71.9

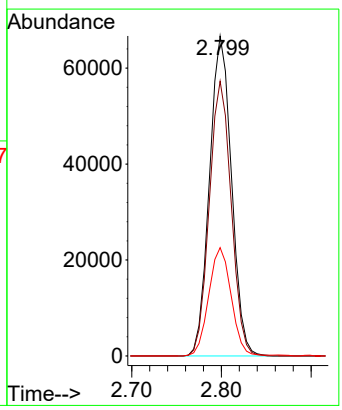


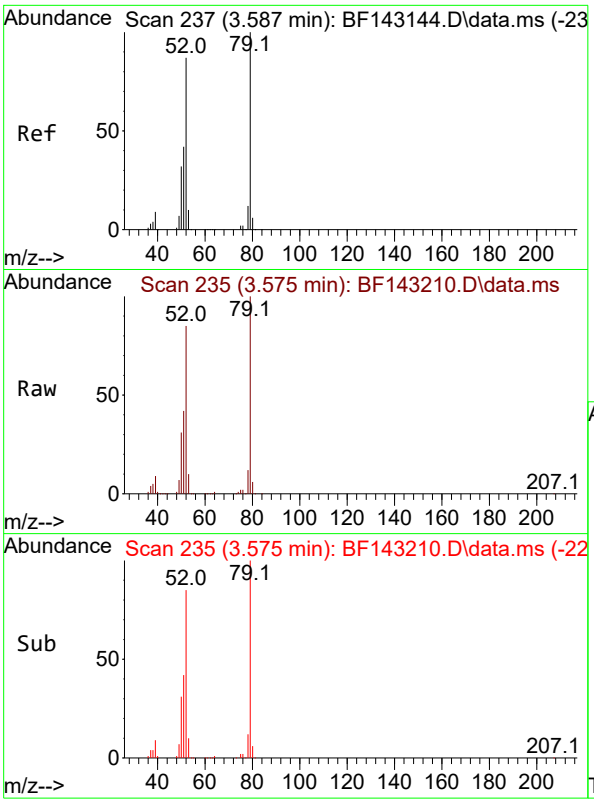


#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651

Ion	Ratio	Lower	Upper
88	100		
58	85.3	70.2	105.2
43	34.6	27.1	40.7



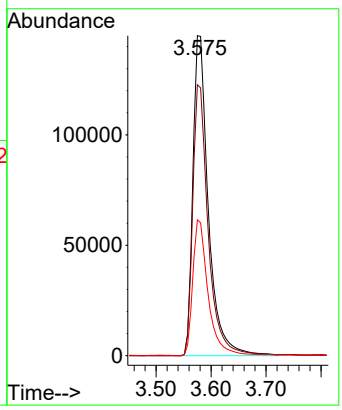


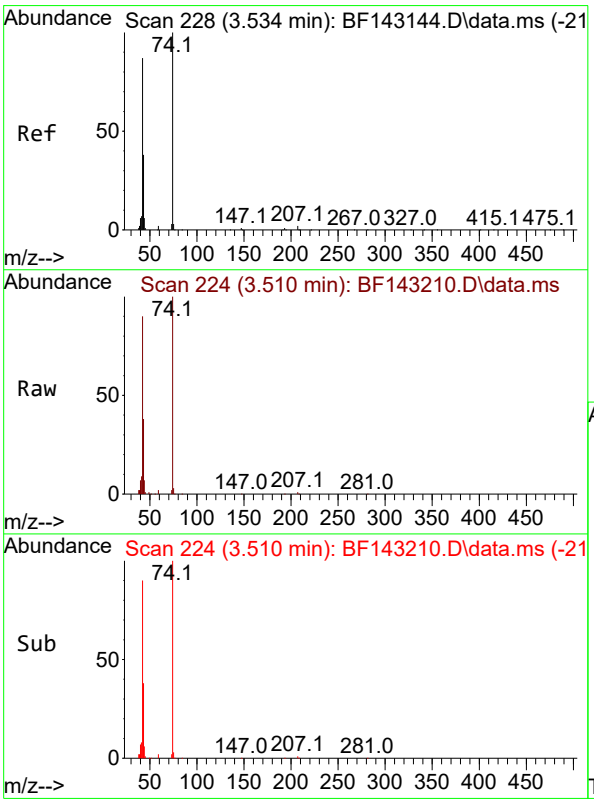
#3
Pyridine
Concen: 37.501 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 283334

Ion	Ratio	Lower	Upper
79	100		
52	84.7	69.4	104.2
51	42.4	33.5	50.3

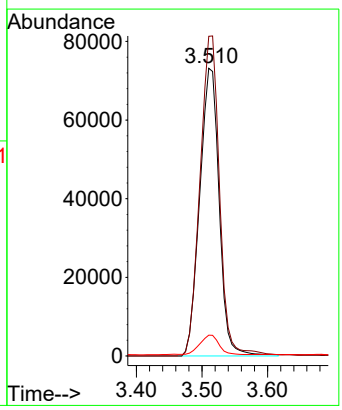


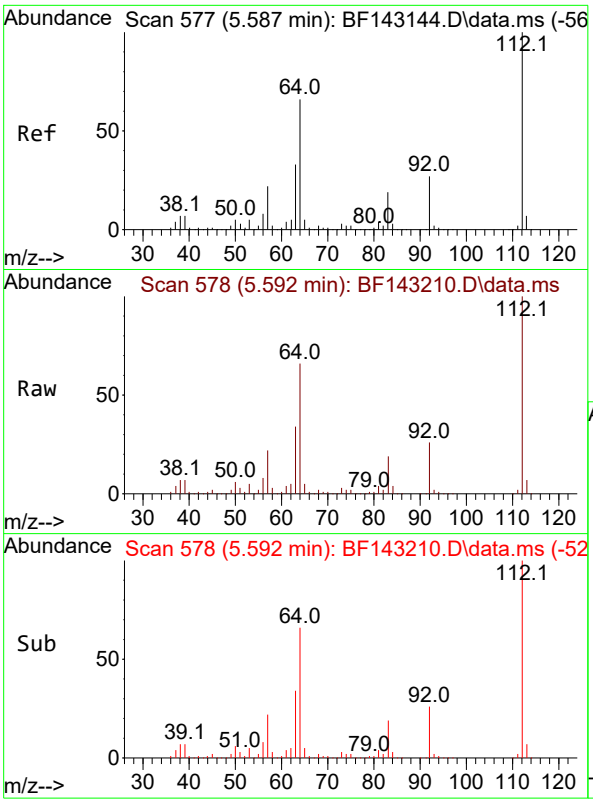


#4
n-Nitrosodimethylamine
Concen: 38.857 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 42 Resp: 151578

Ion	Ratio	Lower	Upper
42	100		
74	111.1	91.7	137.5
44	7.3	5.6	8.4



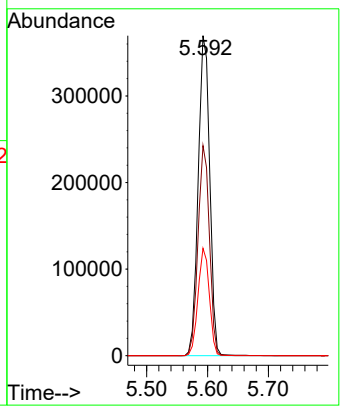


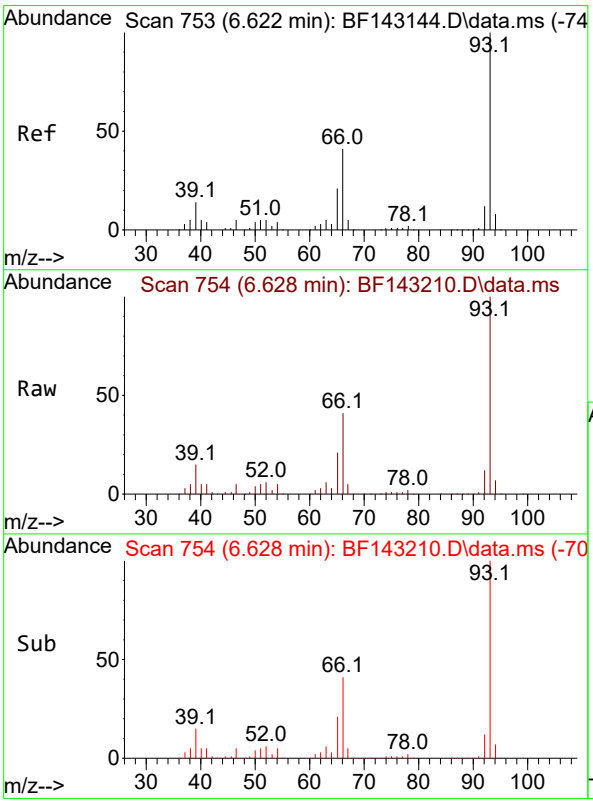
#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 484136

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	33.5	26.6	40.0

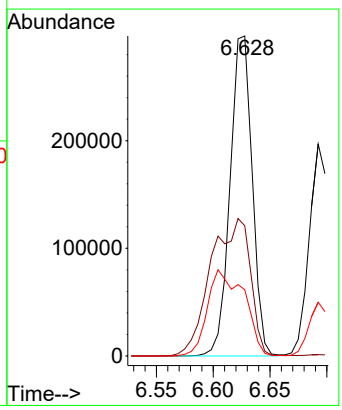


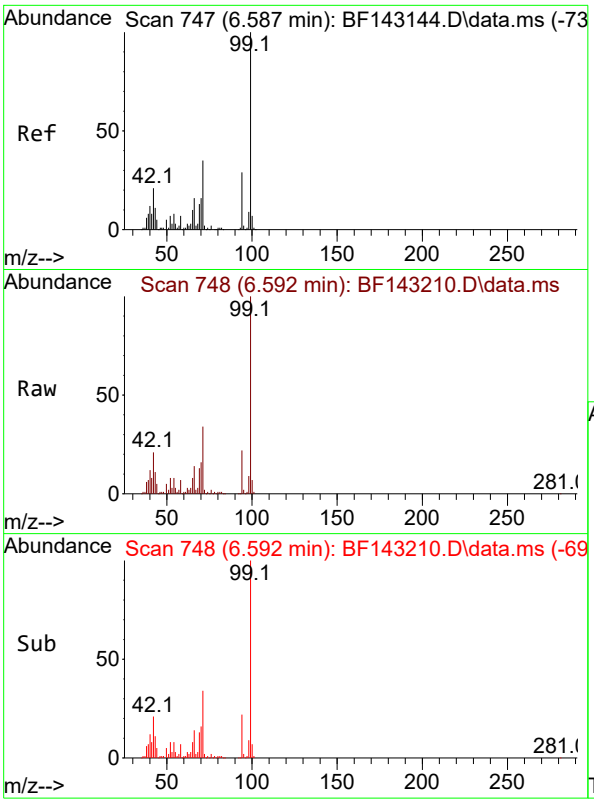


#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.2	49.8
65	20.7	16.9	25.3



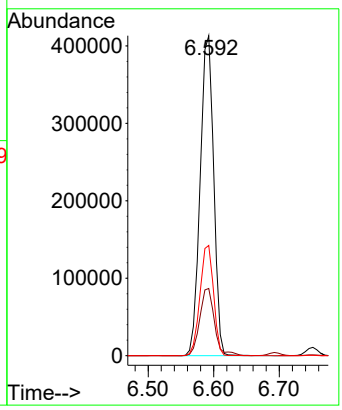


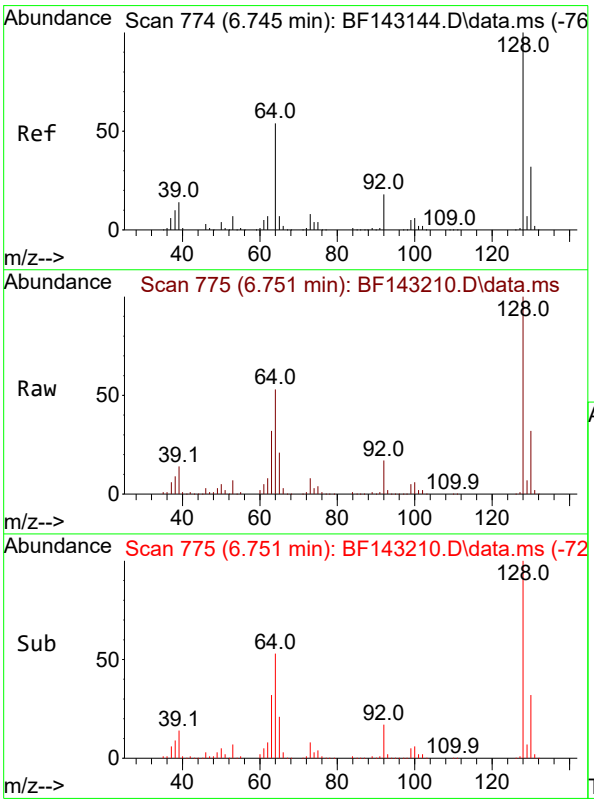
#7
Phenol-d6
Concen: 76.594 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 593088

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.5	27.7	41.5

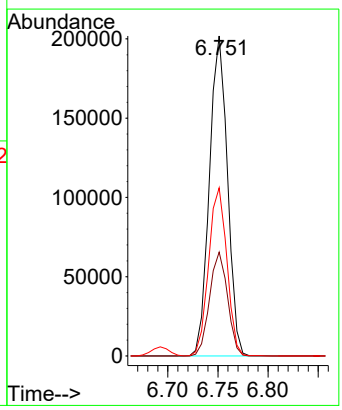


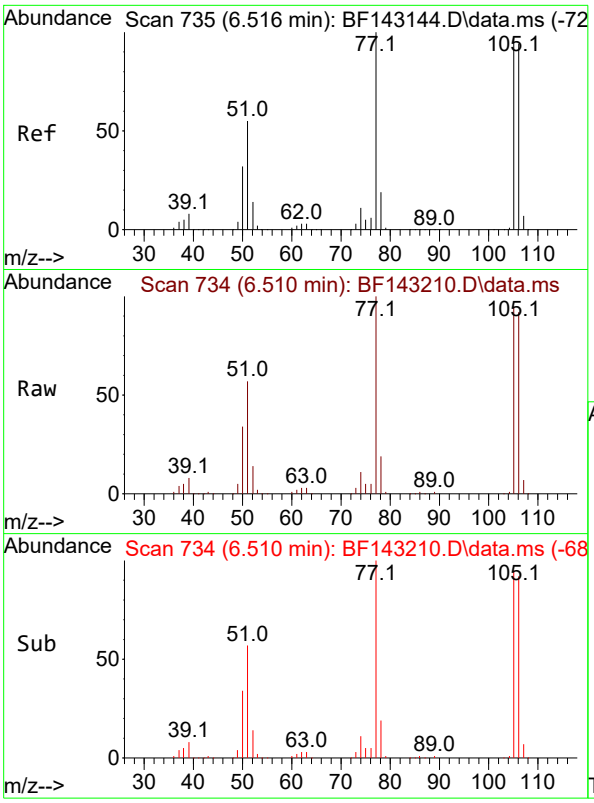


#8
2-Chlorophenol
Concen: 39.203 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:128 Resp: 252794

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	52.6	35.9	75.9



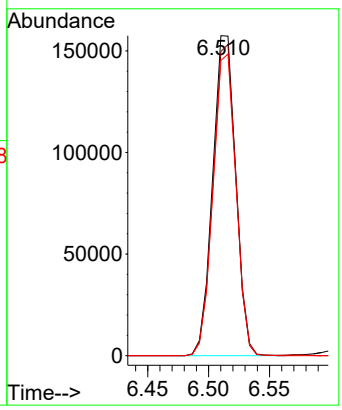


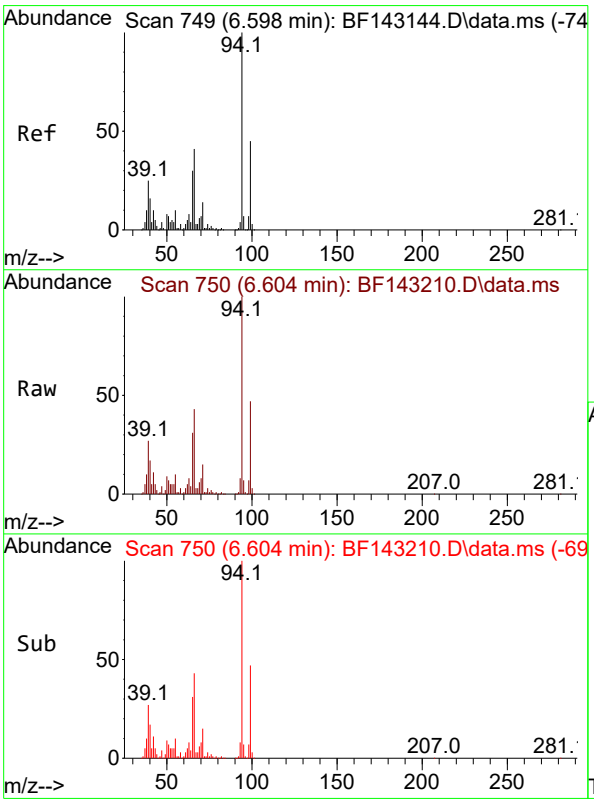
#9
Benzaldehyde
Concen: 35.749 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 207569

Ion	Ratio	Lower	Upper
77	100		
105	95.1	76.8	116.8
106	92.3	74.4	114.4

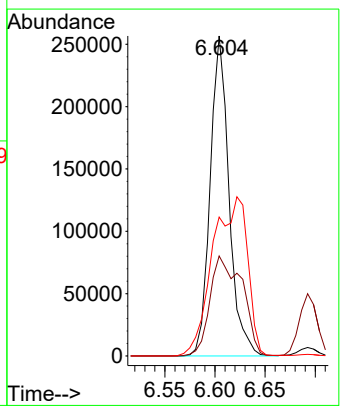


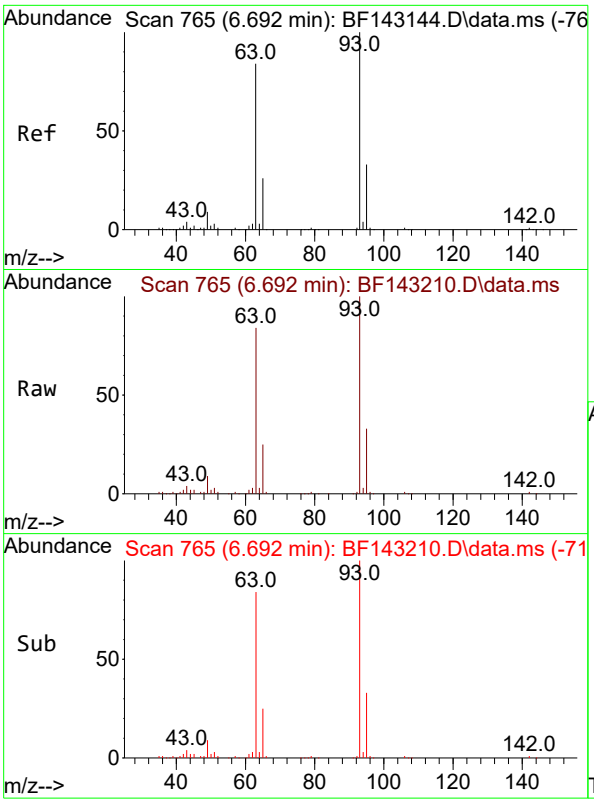


#10
Phenol
Concen: 39.837 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 94 Resp: 336045

Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.0	50.0
66	43.4	20.8	60.8



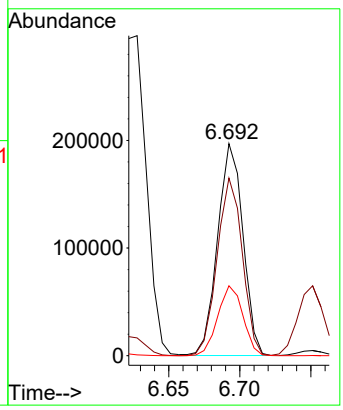


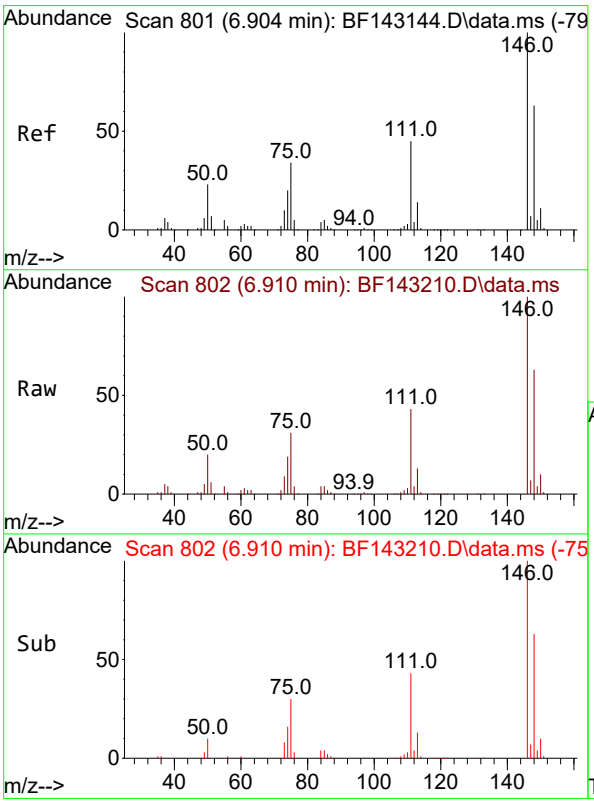
#11
bis(2-Chloroethyl)ether
Concen: 37.812 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 244219

Ion	Ratio	Lower	Upper
93	100		
63	83.8	63.4	103.4
95	33.0	12.4	52.4

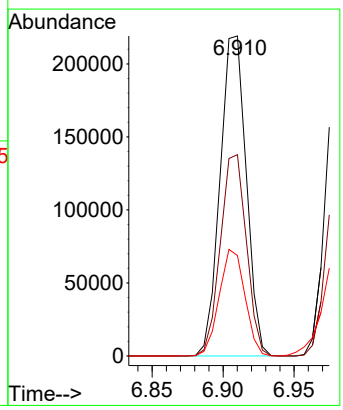


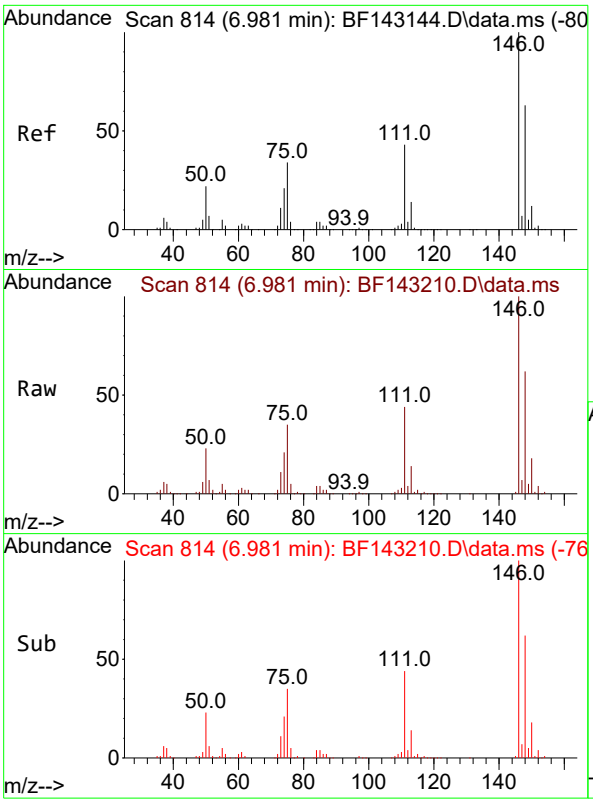


#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 281071

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	31.4	27.4	41.2



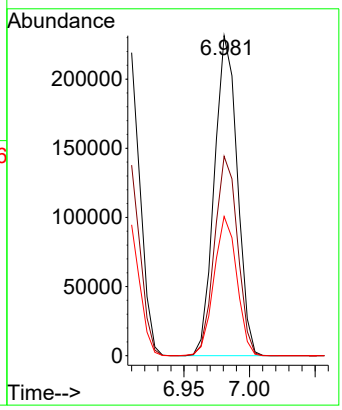


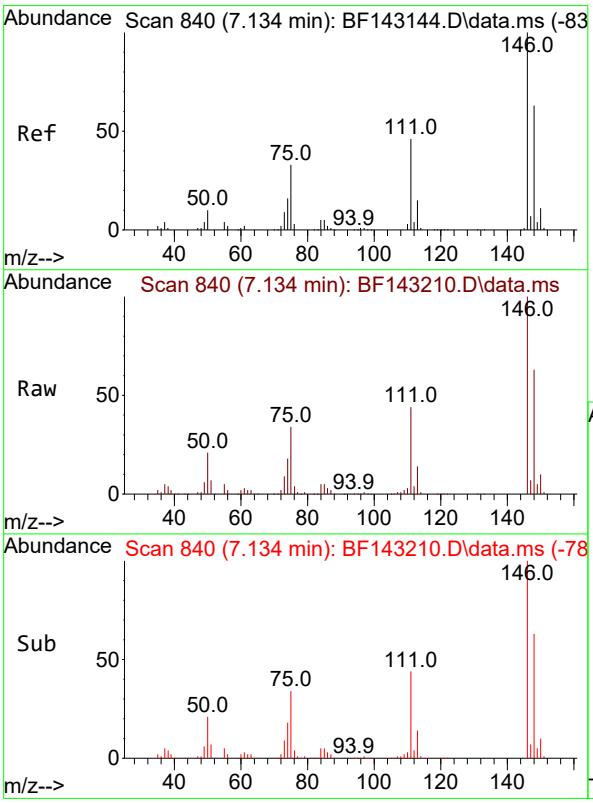
#13
1,4-Dichlorobenzene
Concen: 39.792 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 280709

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	43.5	34.4	51.6

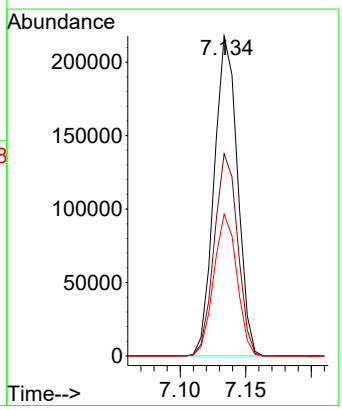


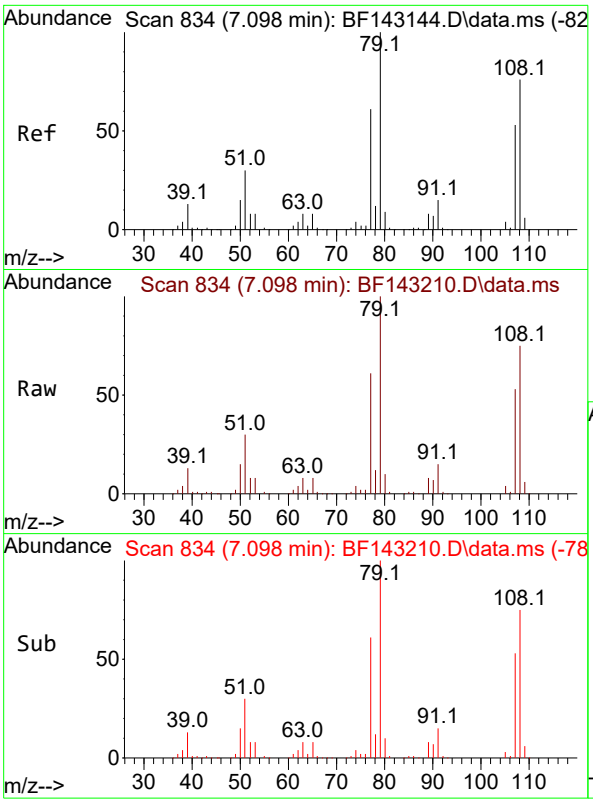


#14
1,2-Dichlorobenzene
Concen: 40.116 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 269162

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	44.3	36.6	54.8



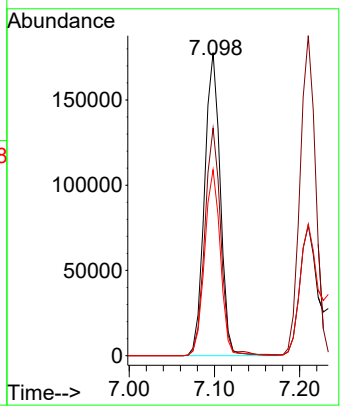


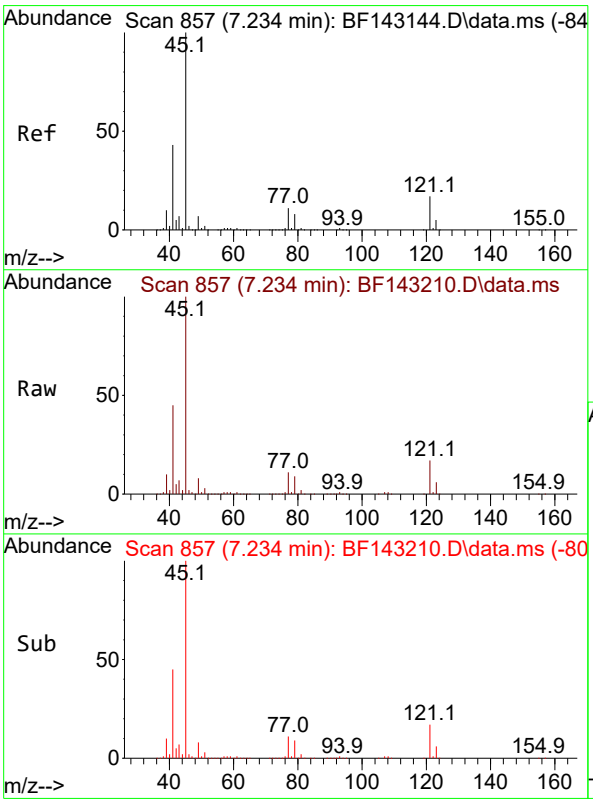
#15
Benzyl Alcohol
Concen: 38.639 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 228448

Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.1	91.7
77	61.4	48.9	73.3

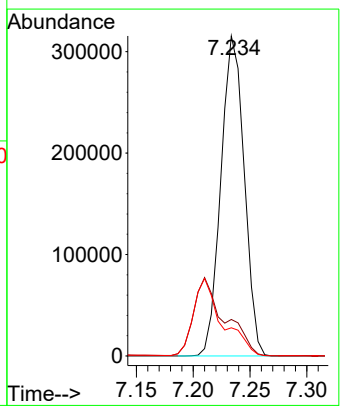


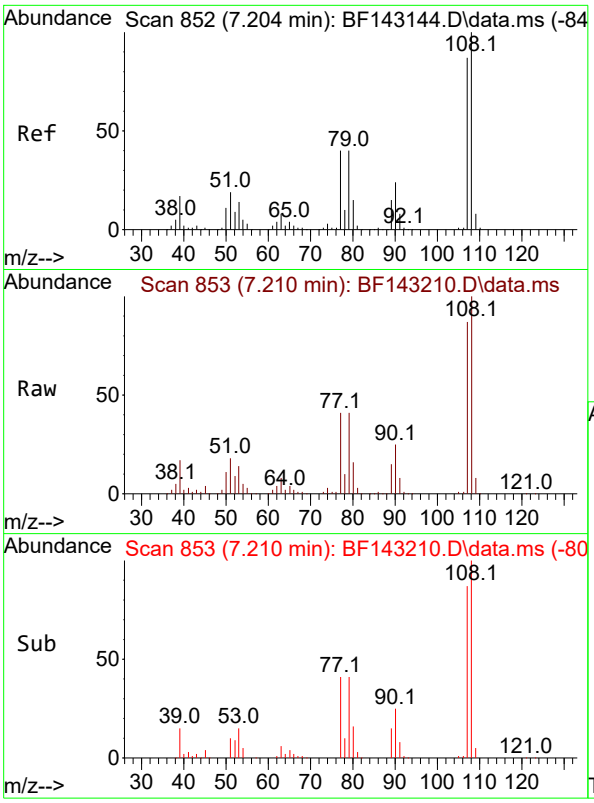


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.612 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 45 Resp: 450642

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5



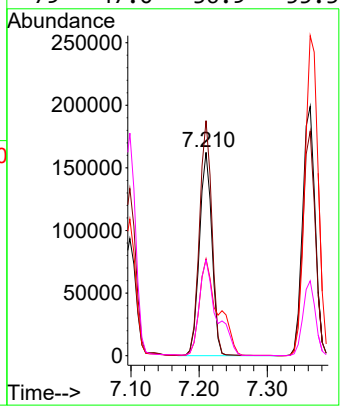


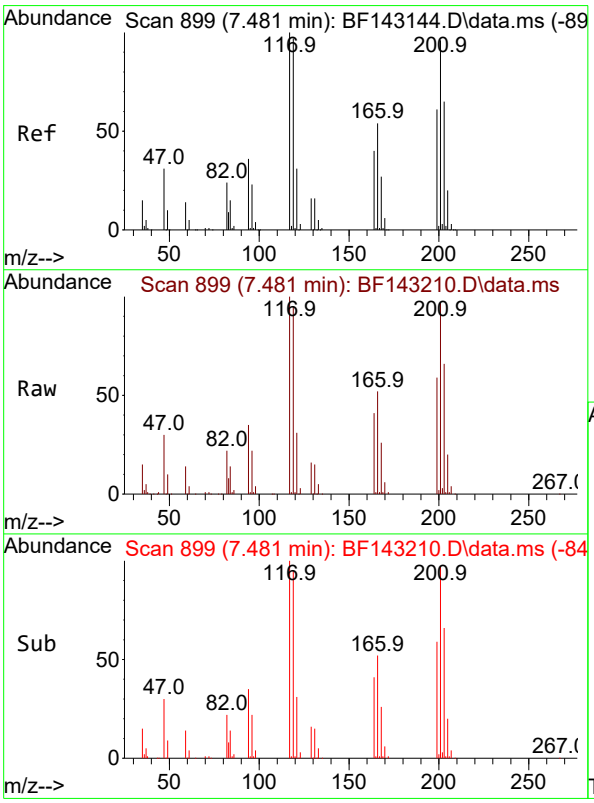
#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 207561

Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	47.6	37.0	55.6
79	47.0	36.9	55.3

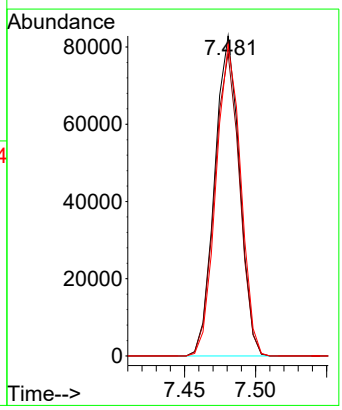


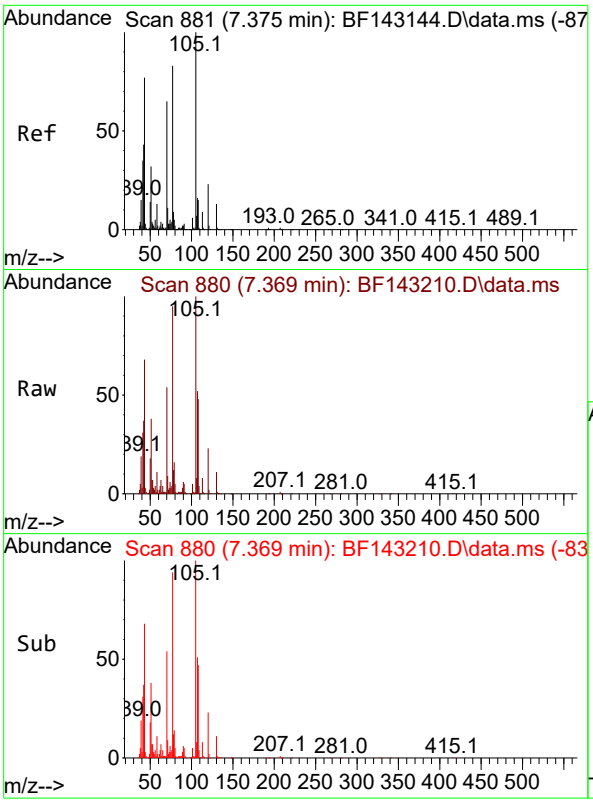


#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.8	116.8
201	97.3	77.0	115.4



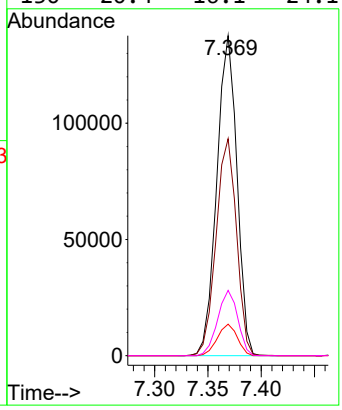


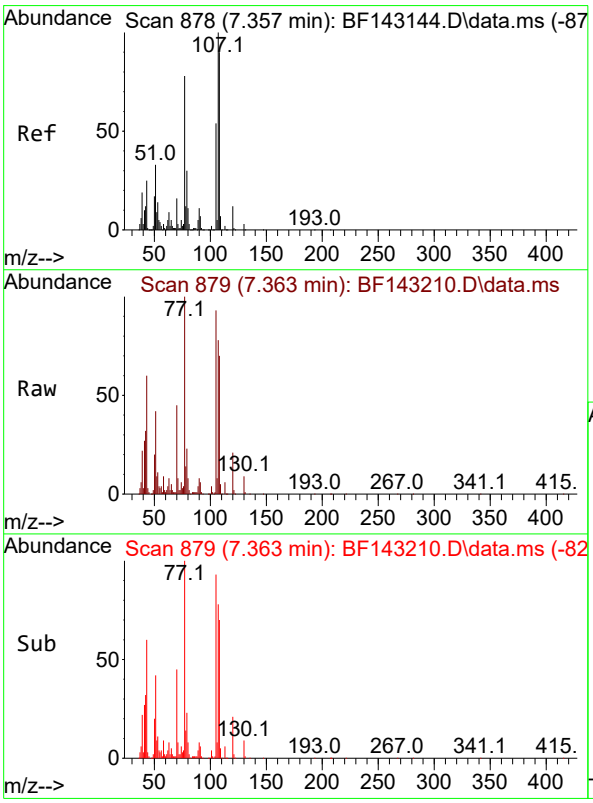
#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 180795

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1

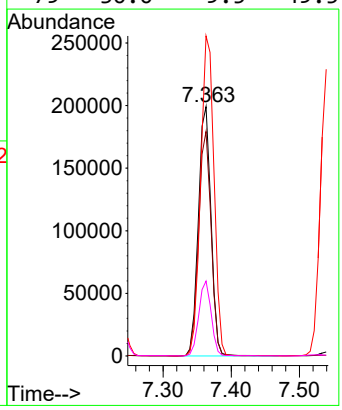


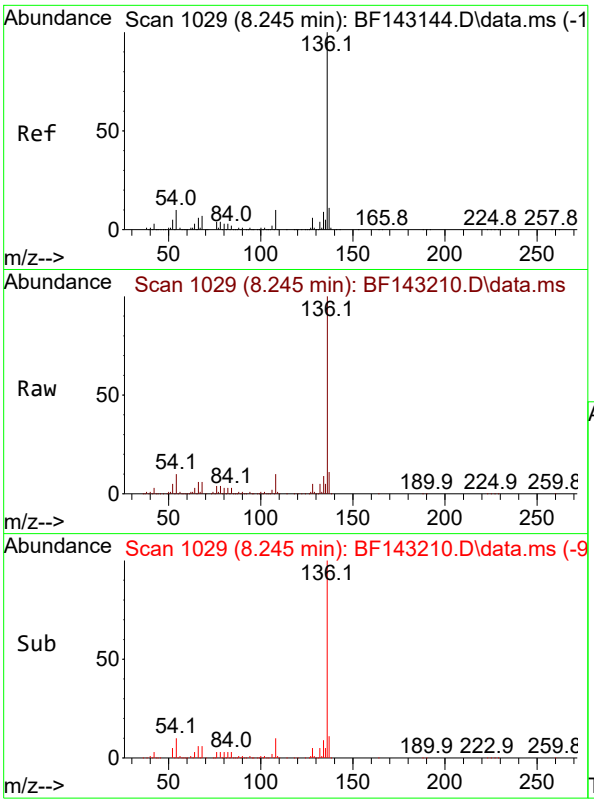


#20
3+4-Methylphenols
Concen: 39.051 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 256887

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	128.3	57.8	97.8#
79	30.0	9.5	49.5



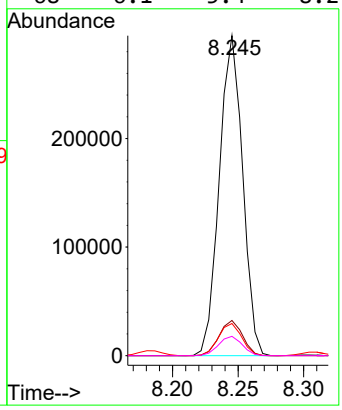


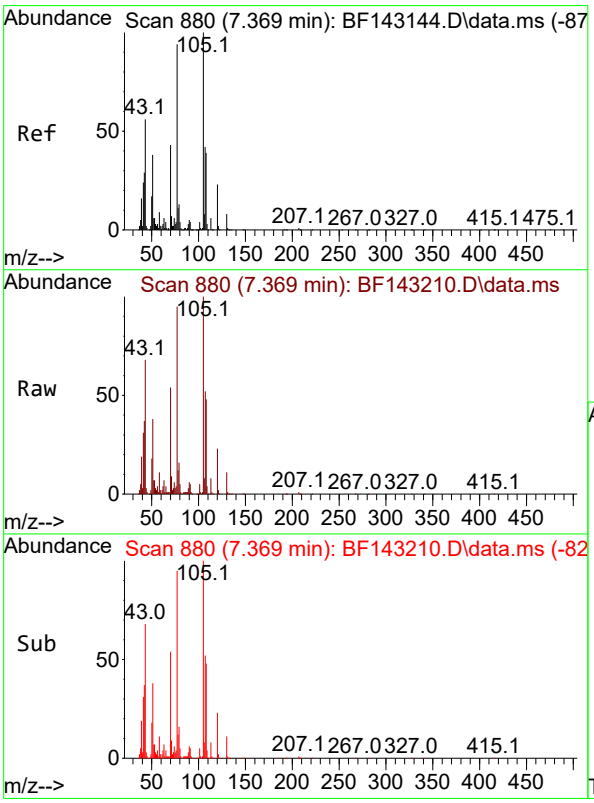
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 364498

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.1	8.2	12.2
68	6.1	5.4	8.2

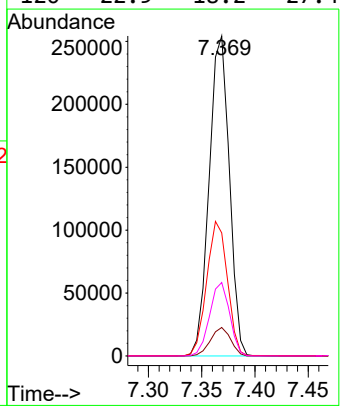


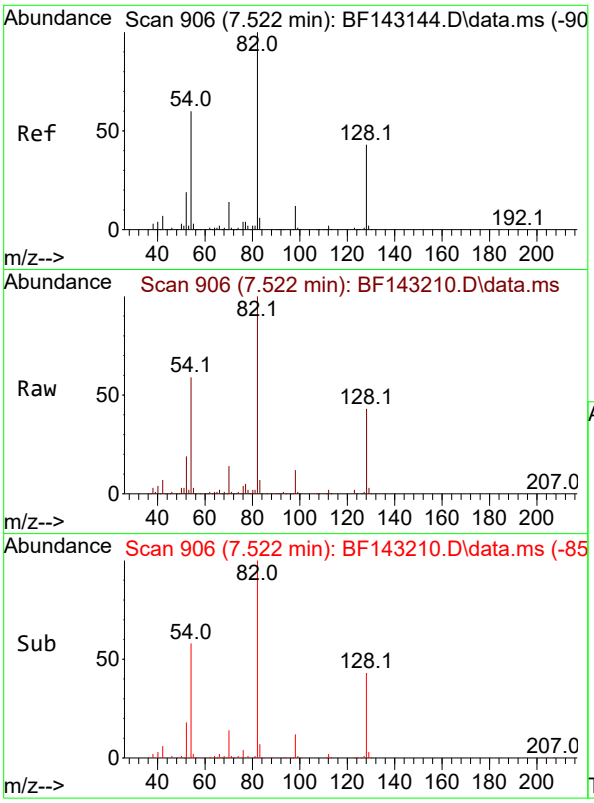


#22
Acetophenone
Concen: 38.853 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:105 Resp: 335287

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.8	8.6#
51	38.5	30.2	45.2
120	22.9	18.2	27.4



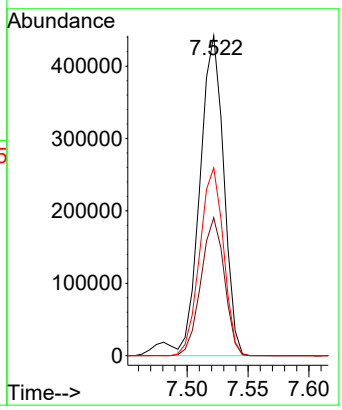


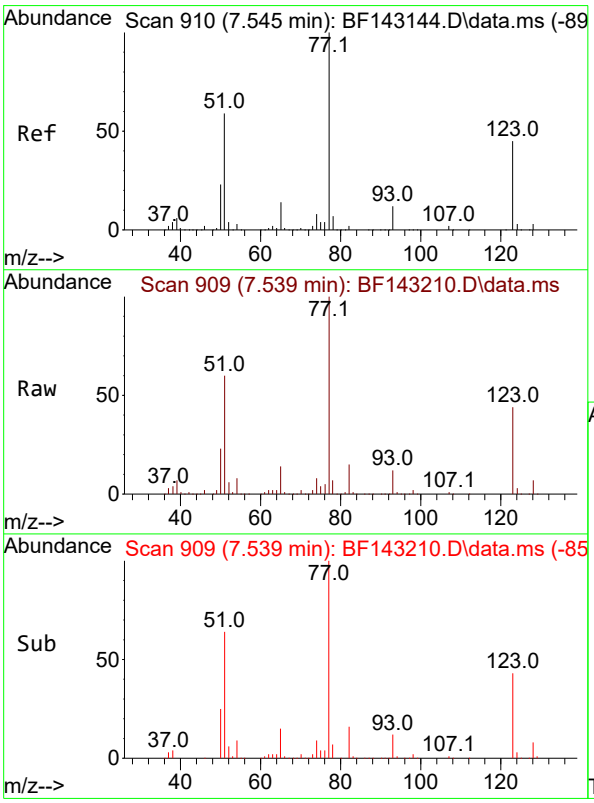
#23
Nitrobenzene-d5
Concen: 81.332 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 594723

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.7	47.1	70.7

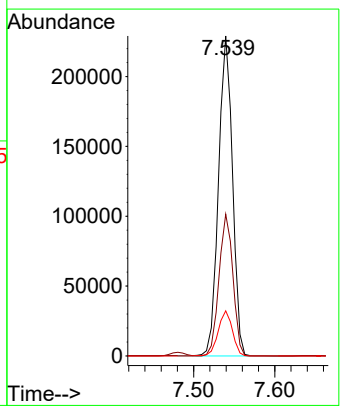


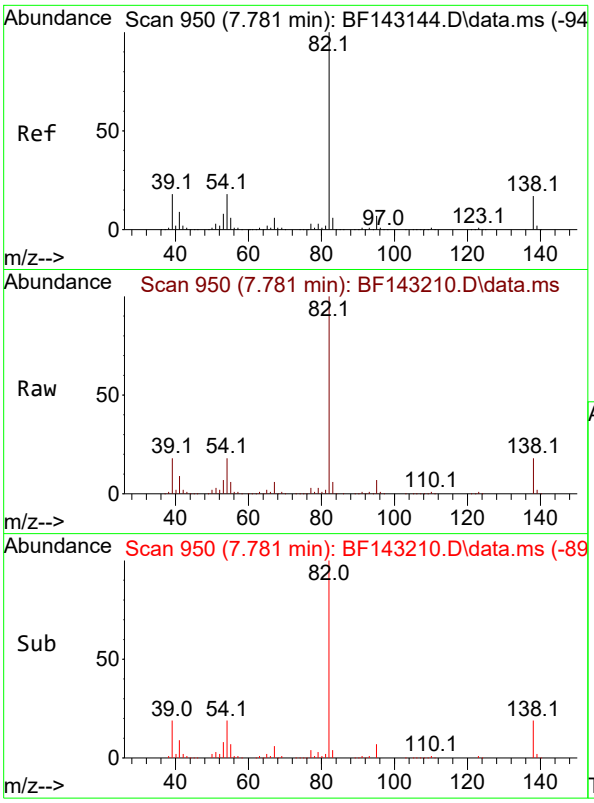


#24
Nitrobenzene
Concen: 40.321 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 77 Resp: 274884

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.1	11.4	17.2



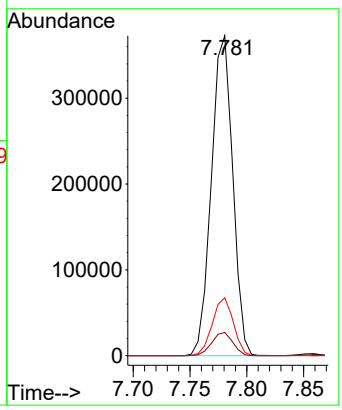


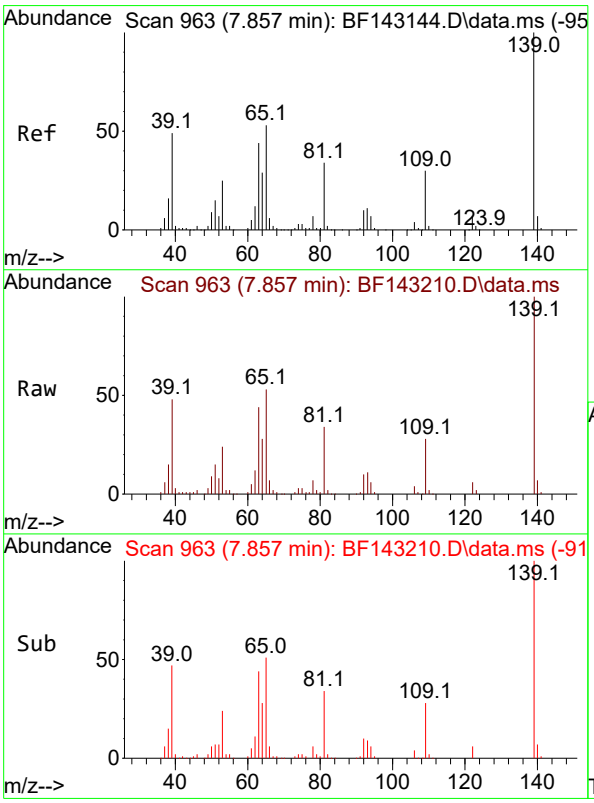
#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 487827

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	18.1	13.8	20.8

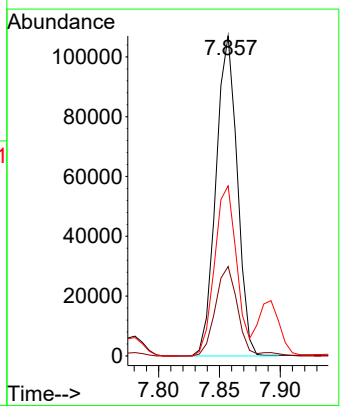


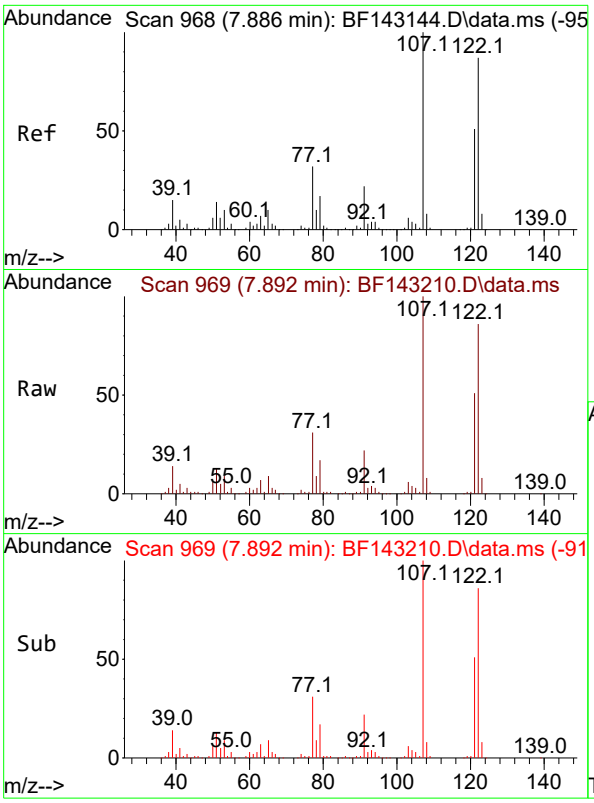


#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.6	35.4
65	53.2	42.6	64.0



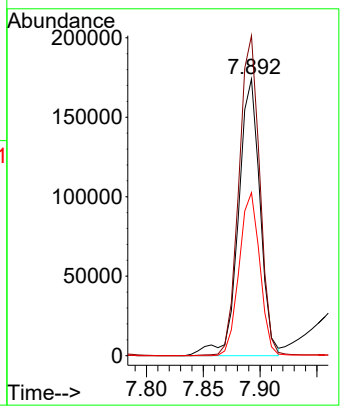


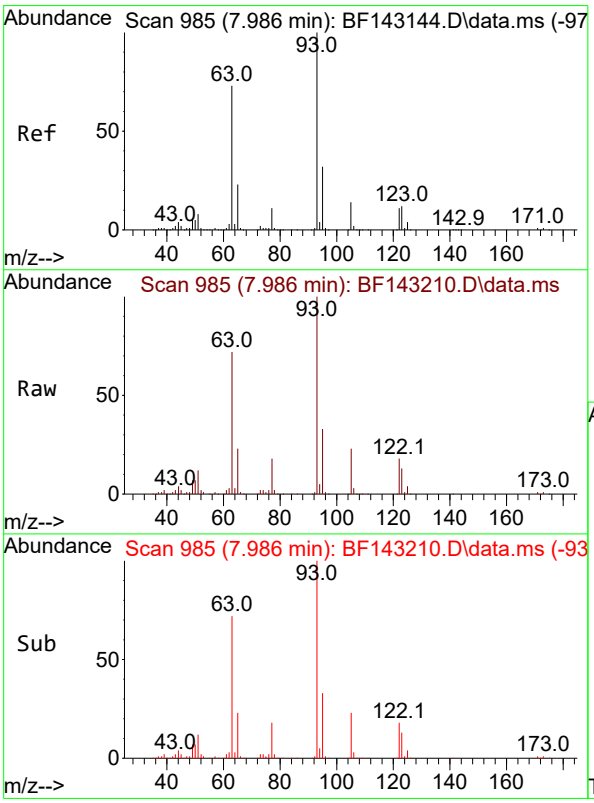
#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 230195

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.9	46.3	69.5

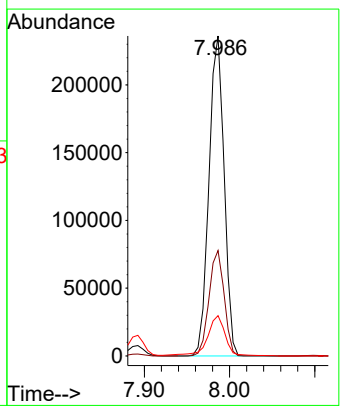


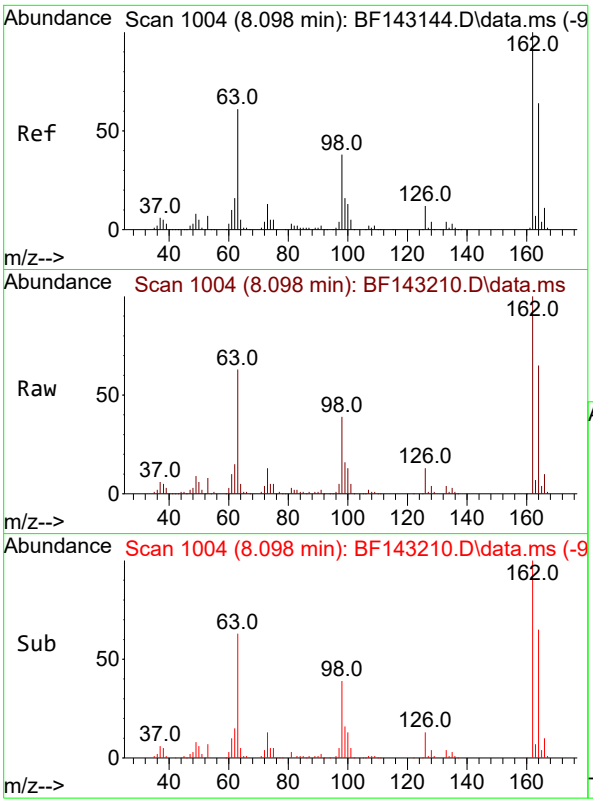


#28
bis(2-Chloroethoxy)methane
Concen: 37.737 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 292069

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.6	9.7	14.5



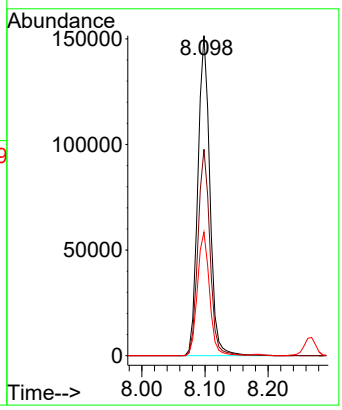


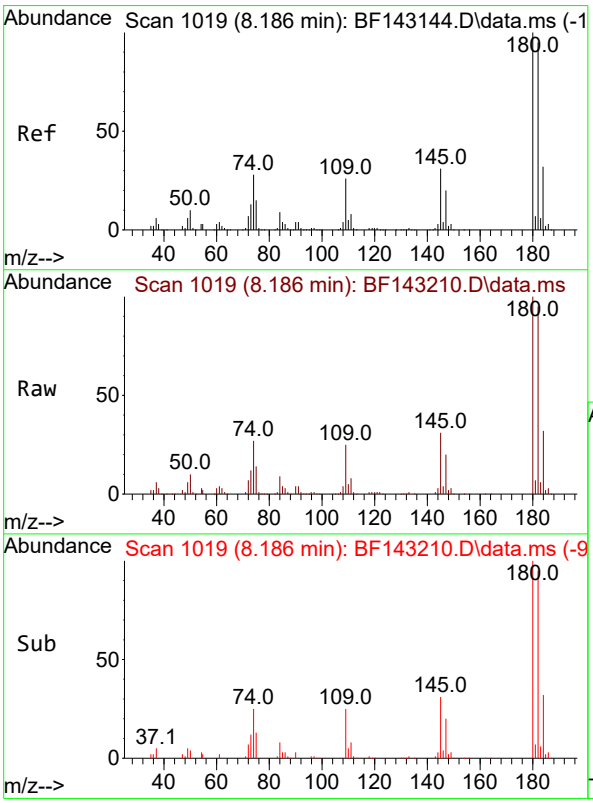
#29
2,4-Dichlorophenol
Concen: 39.391 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 200347

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	38.6	17.9	57.9

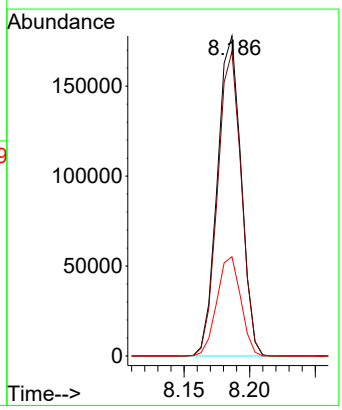


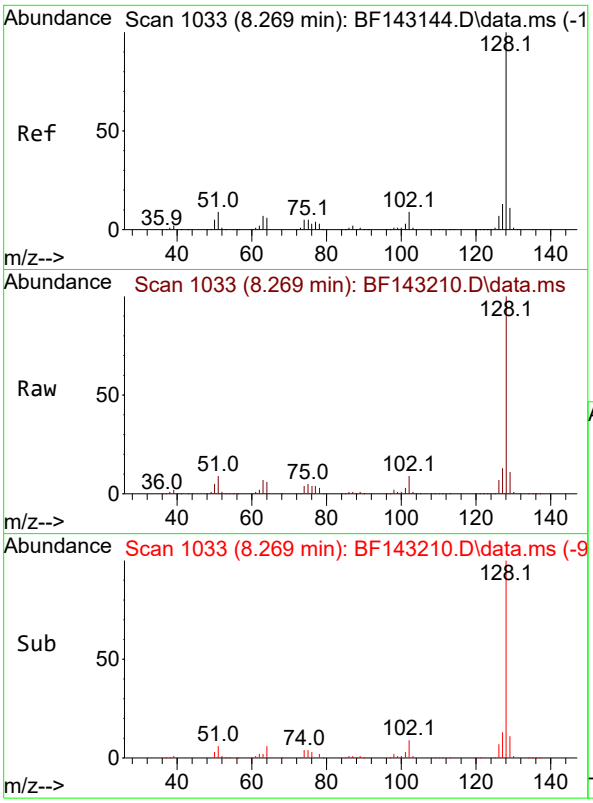


#30
1,2,4-Trichlorobenzene
Concen: 40.763 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:180 Resp: 223983

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	31.0	25.0	37.6



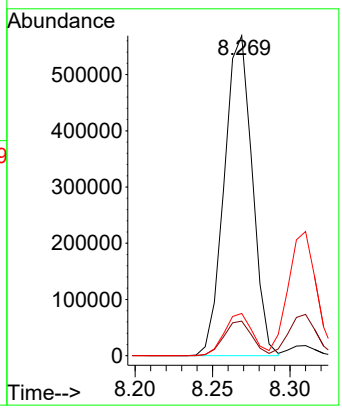


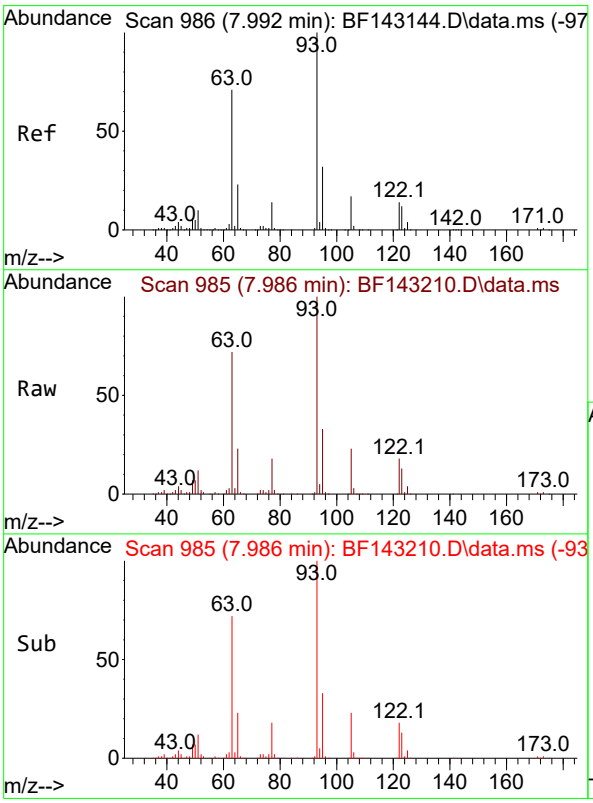
#31
Naphthalene
Concen: 39.723 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 713073

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.6	16.0

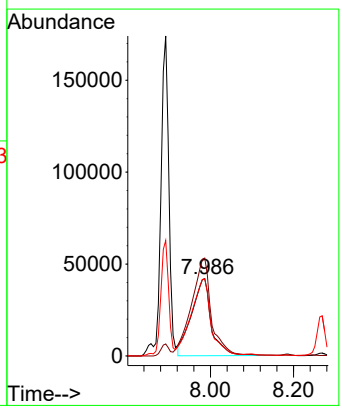


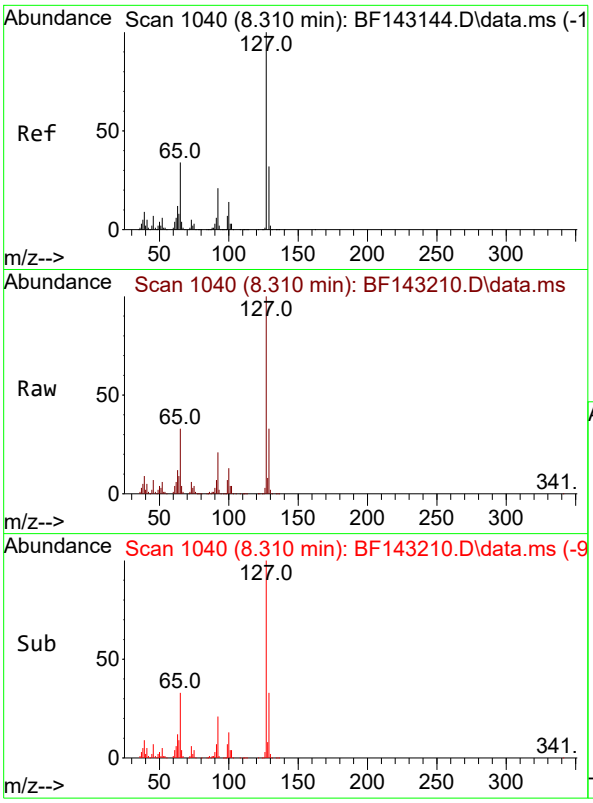


#32
Benzoic acid
Concen: 41.627 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:122 Resp: 138803

Ion	Ratio	Lower	Upper
122	100		
105	126.8	104.8	144.8
77	99.9	77.6	117.6



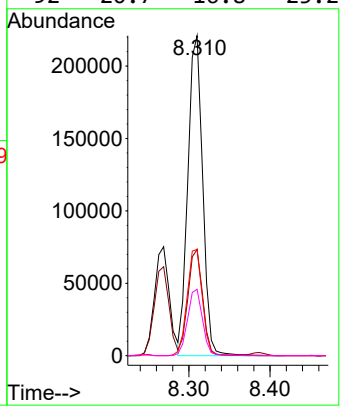


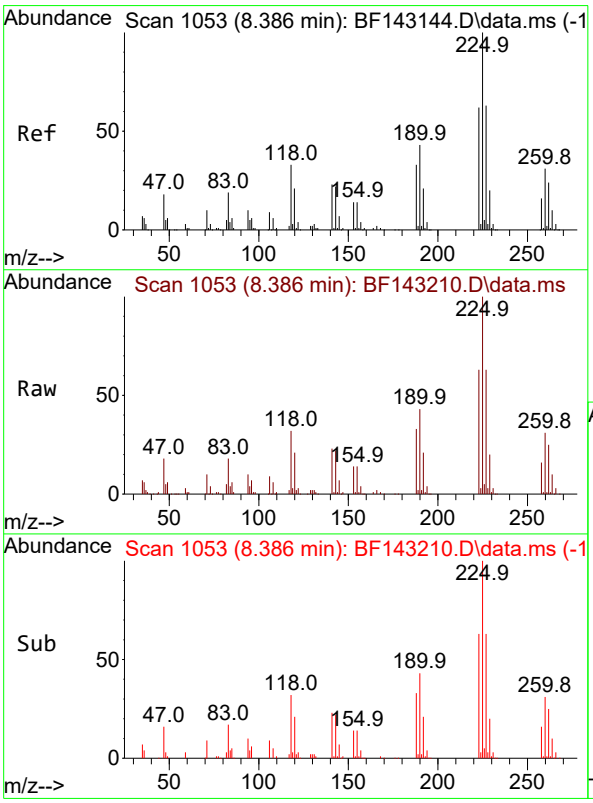
#33
4-Chloroaniline
Concen: 38.259 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 280428

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	33.2	27.4	41.2
92	20.7	16.8	25.2

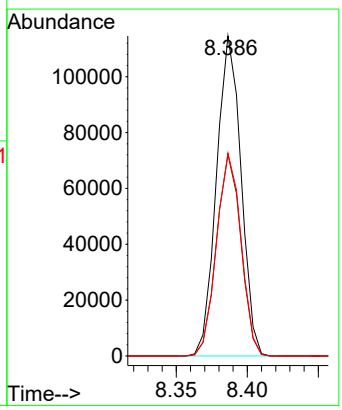


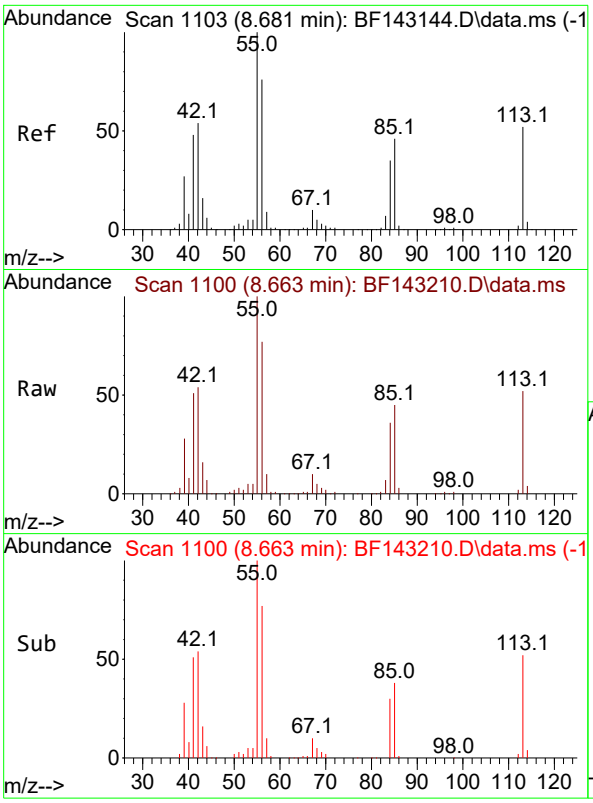


#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:225 Resp: 137489

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.4	50.2	75.4



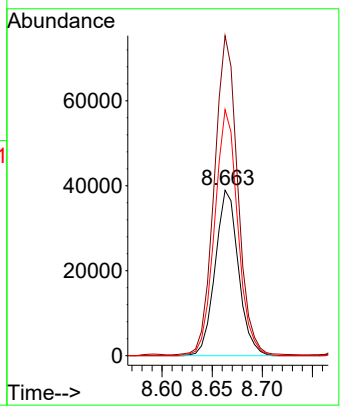


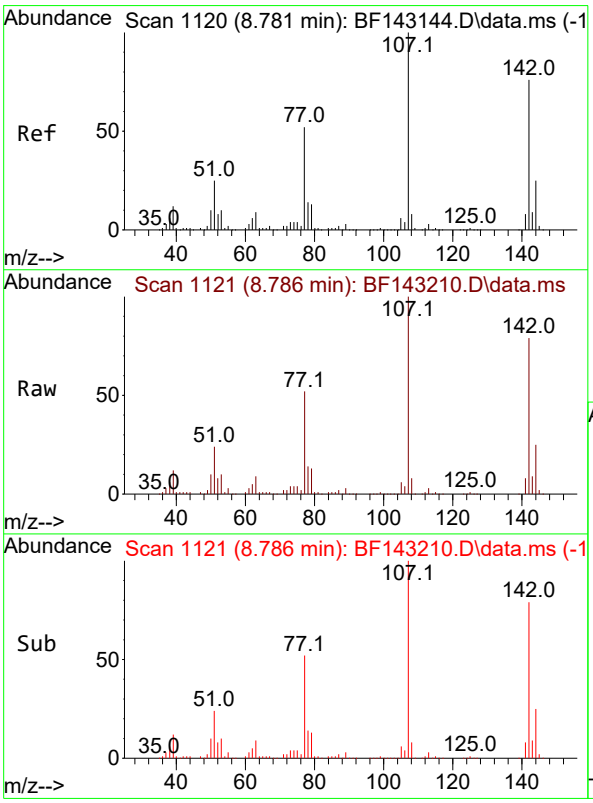
#35
Caprolactam
Concen: 40.895 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 62853

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	148.8	126.6	166.6

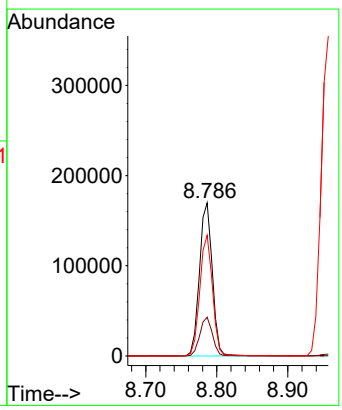


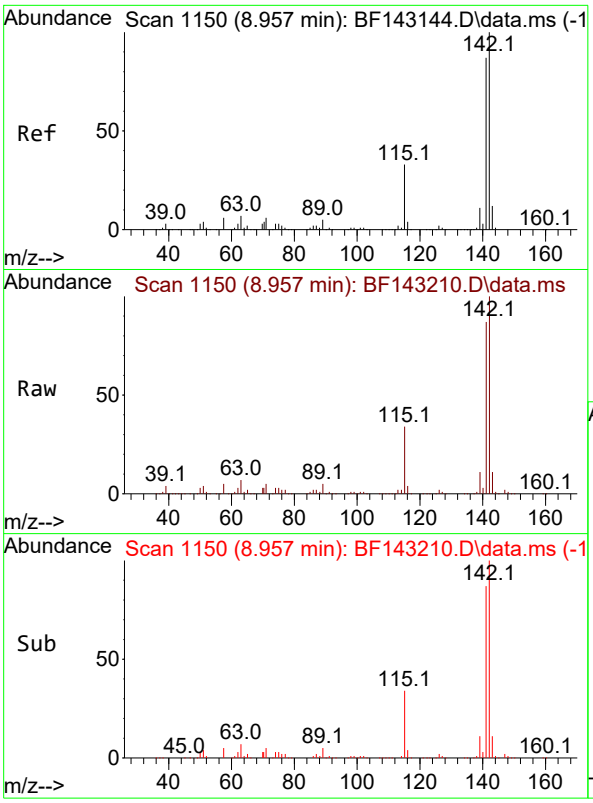


#36
4-Chloro-3-methylphenol
Concen: 38.764 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 214294

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	78.9	60.6	90.8



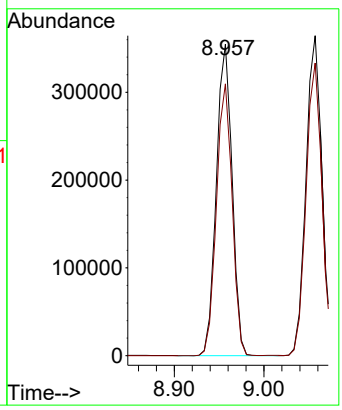


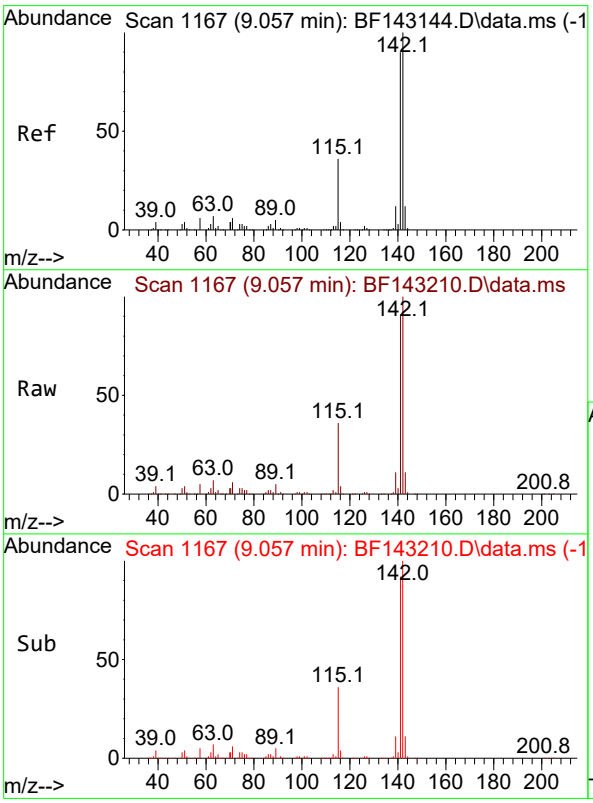
#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 432353

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

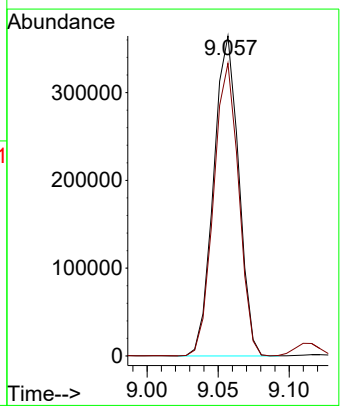


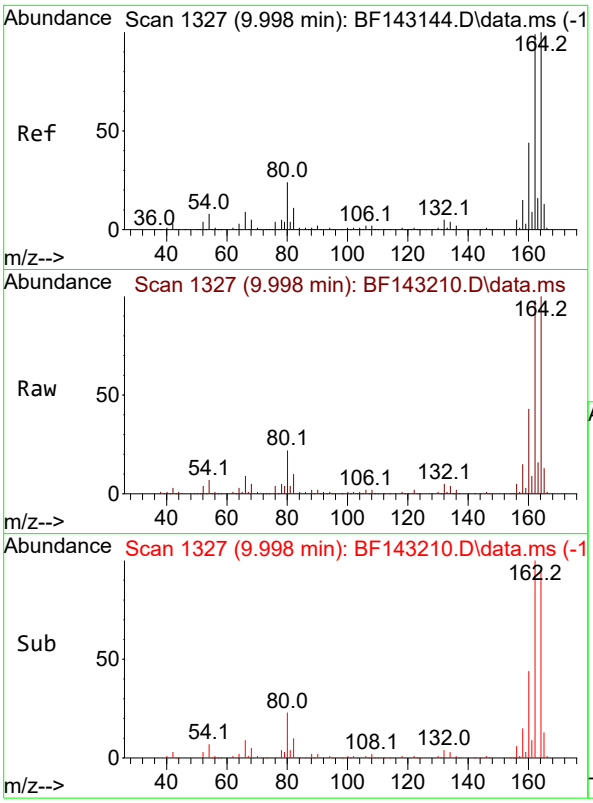


#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5



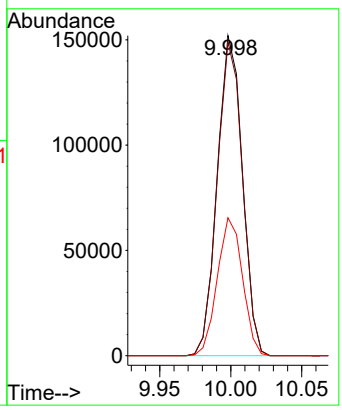


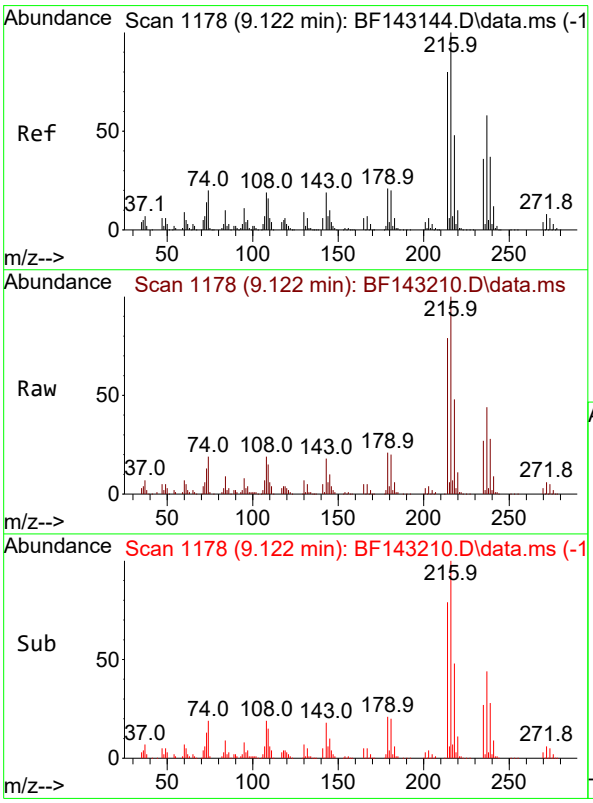
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 187438

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.0	118.6
160	43.1	35.1	52.7

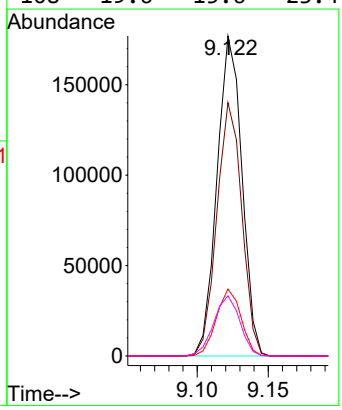


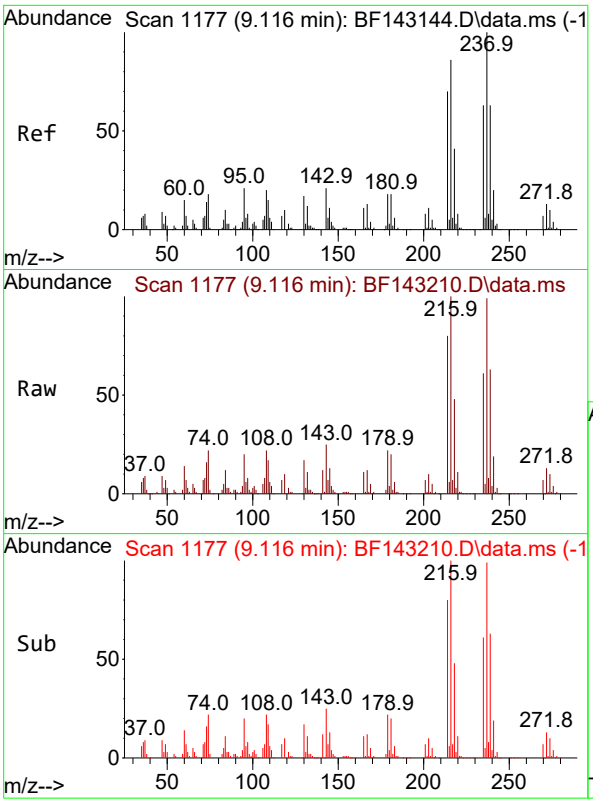


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.956 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.7	16.4	24.6
108	19.6	15.6	23.4



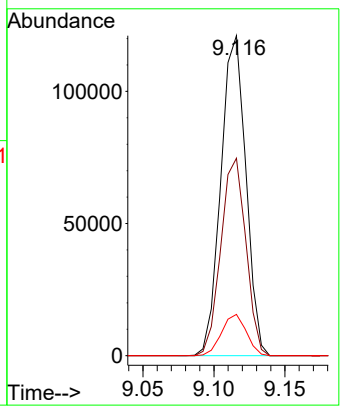


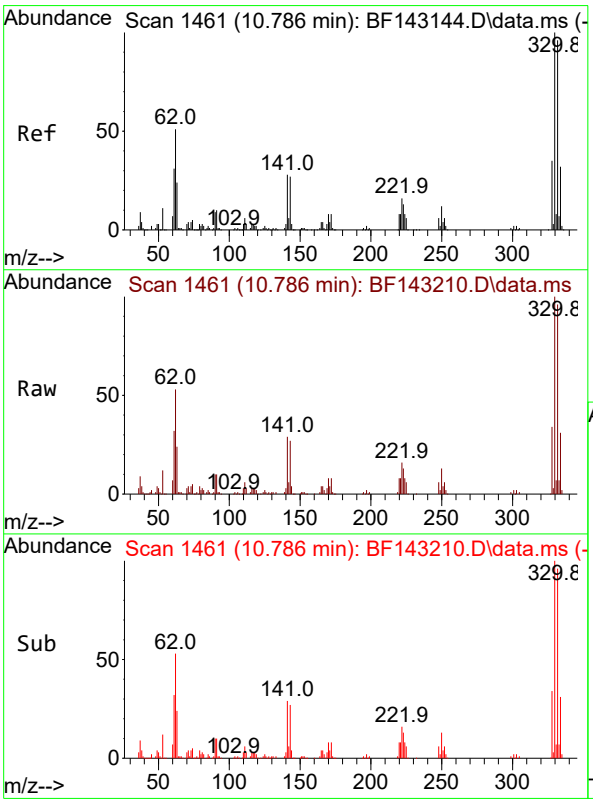
#41
Hexachlorocyclopentadiene
Concen: 42.082 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 148176

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.0	83.0
272	12.9	0.0	33.3

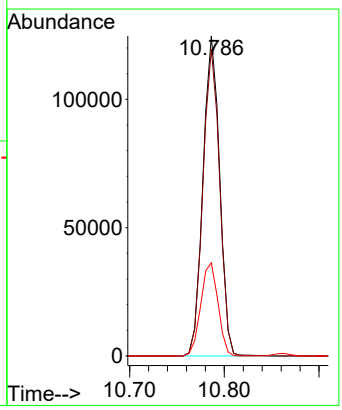


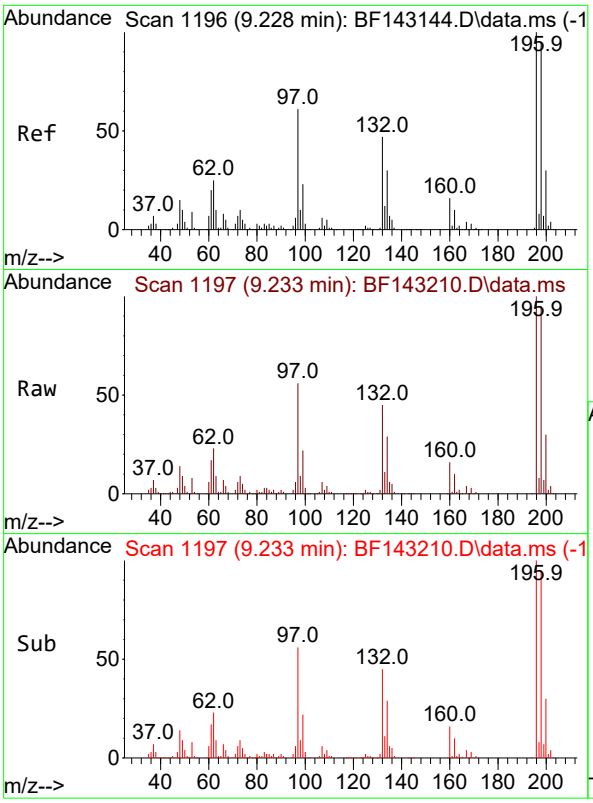


#42
2,4,6-Tribromophenol
Concen: 78.251 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:330 Resp: 151520

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	30.1	23.3	34.9



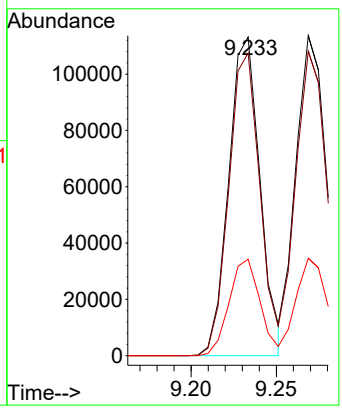


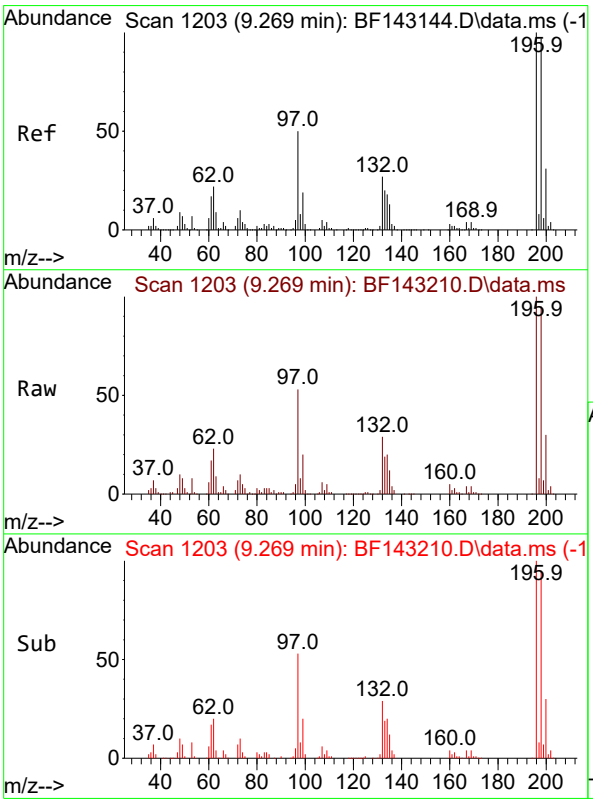
#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 144660

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.3	23.9	35.9

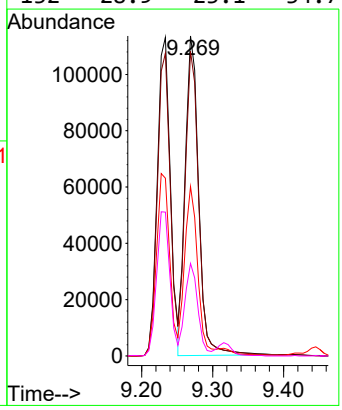


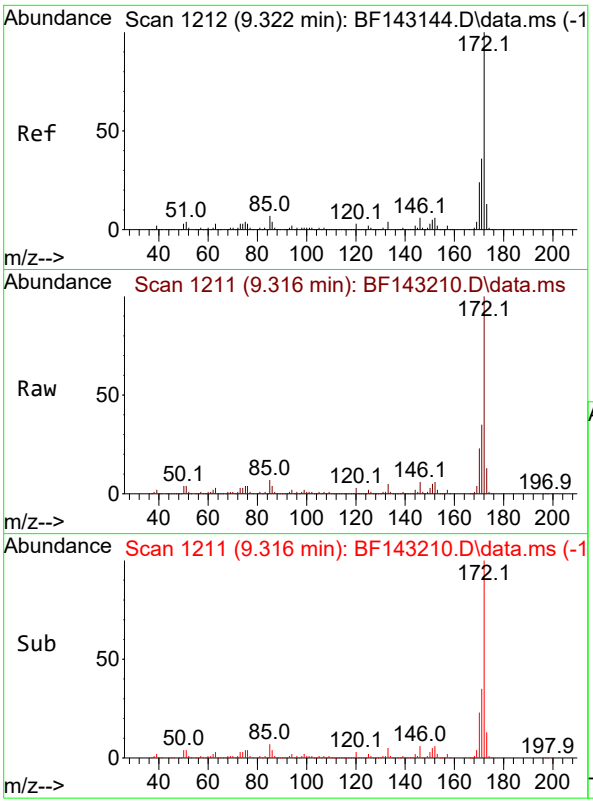


#44
2,4,5-Trichlorophenol
Concen: 40.211 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
97	53.0	40.3	60.5
132	28.9	23.1	34.7



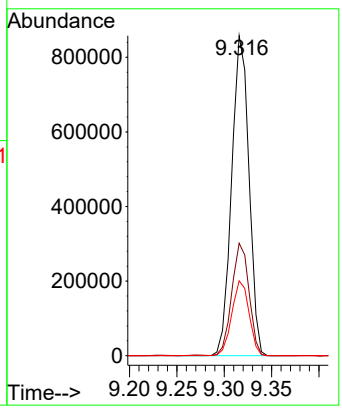


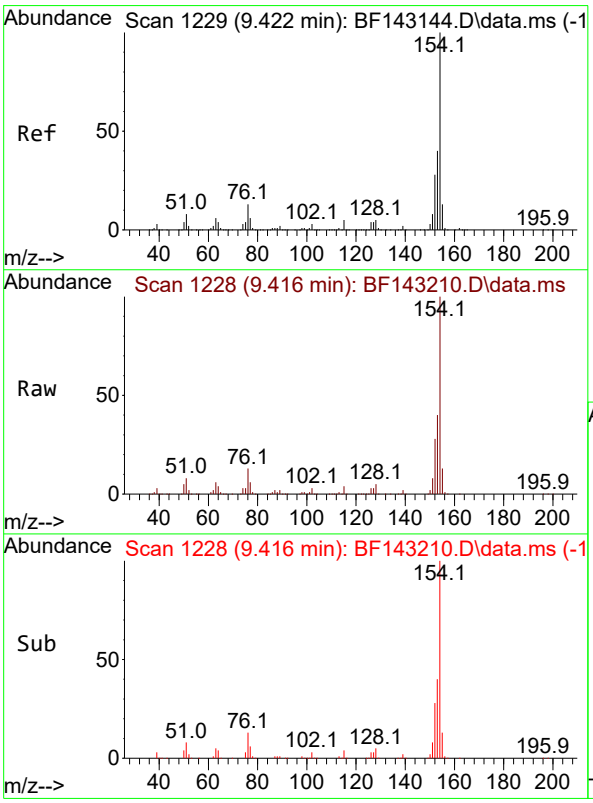
#45
2-Fluorobiphenyl
Concen: 79.441 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1088775

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.8	28.2

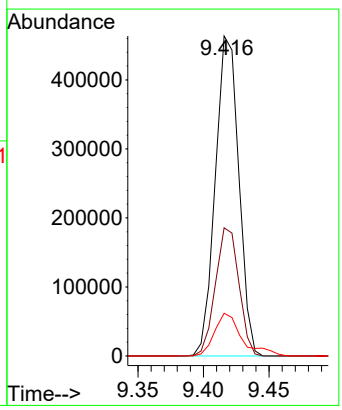


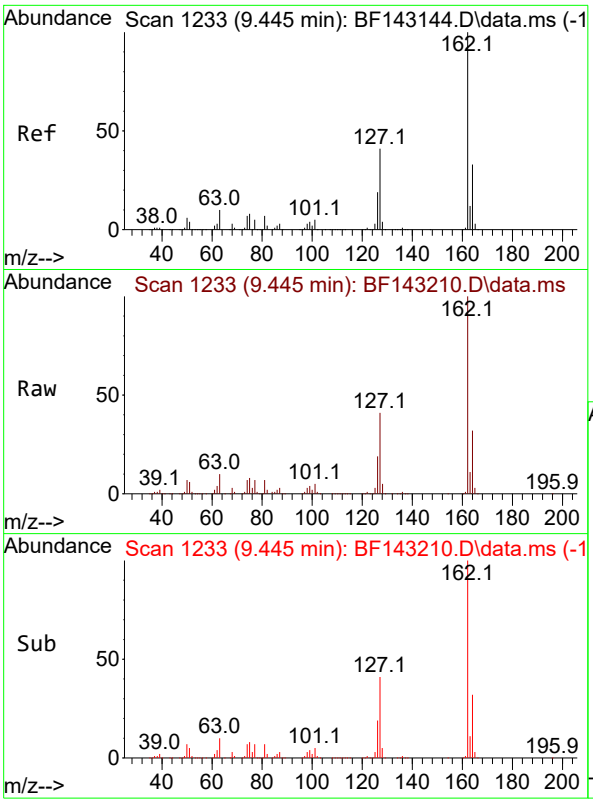


#46
1,1'-Biphenyl
Concen: 39.454 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 576976

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.4	0.0	33.3



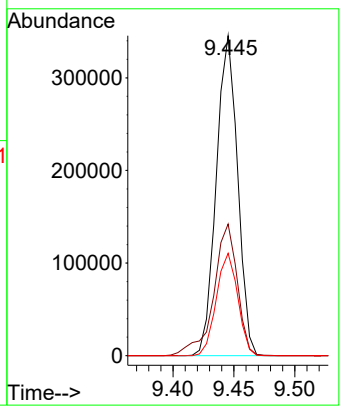


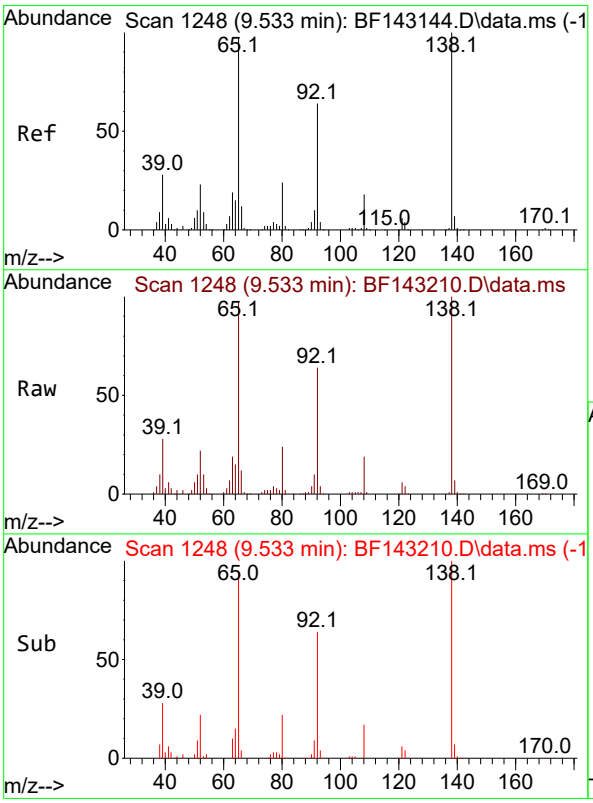
#47
2-Chloronaphthalene
Concen: 38.957 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 421533

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	32.0	26.2	39.2

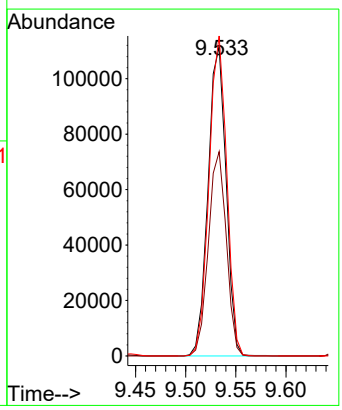


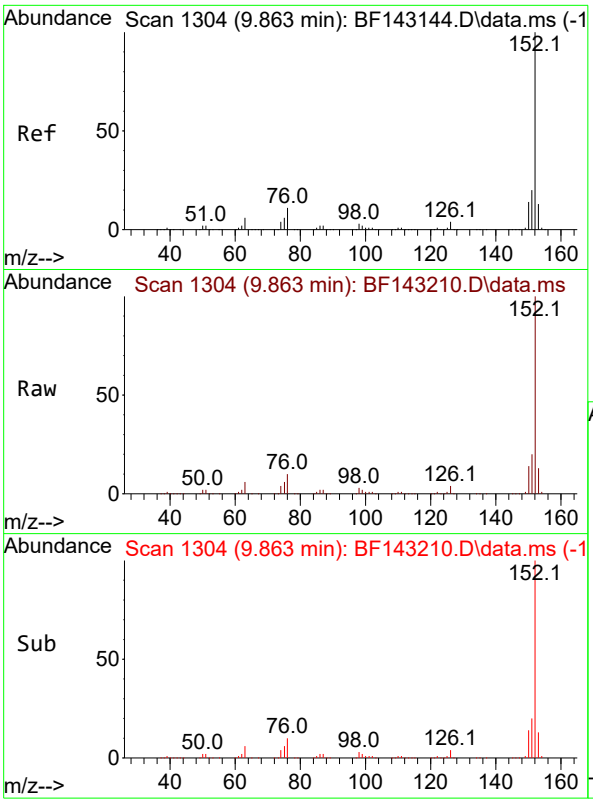


#48
2-Nitroaniline
Concen: 41.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 65 Resp: 139765

Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.4	78.6
138	103.5	82.3	123.5



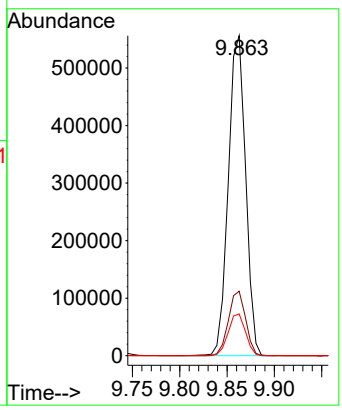


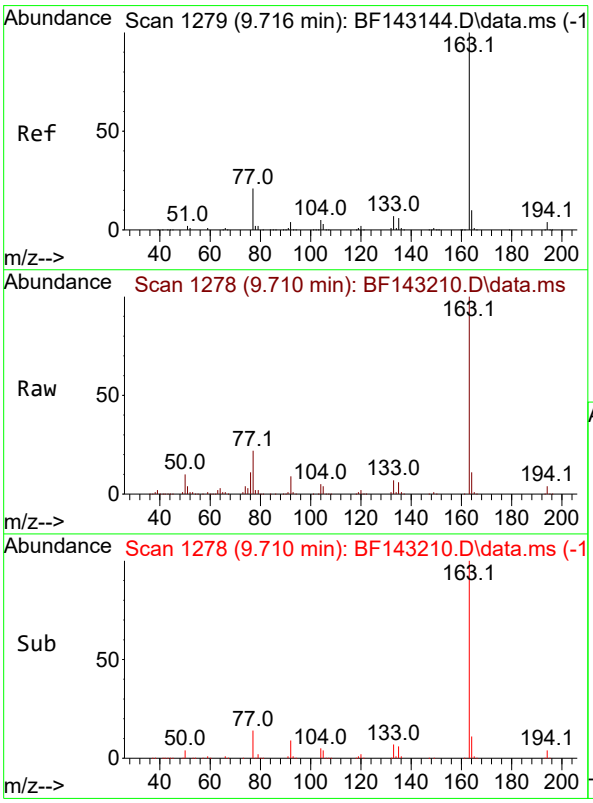
#49
Acenaphthylene
Concen: 38.989 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 707016

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

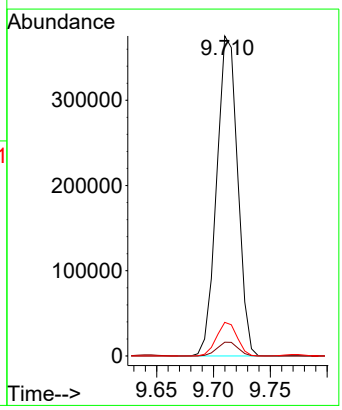


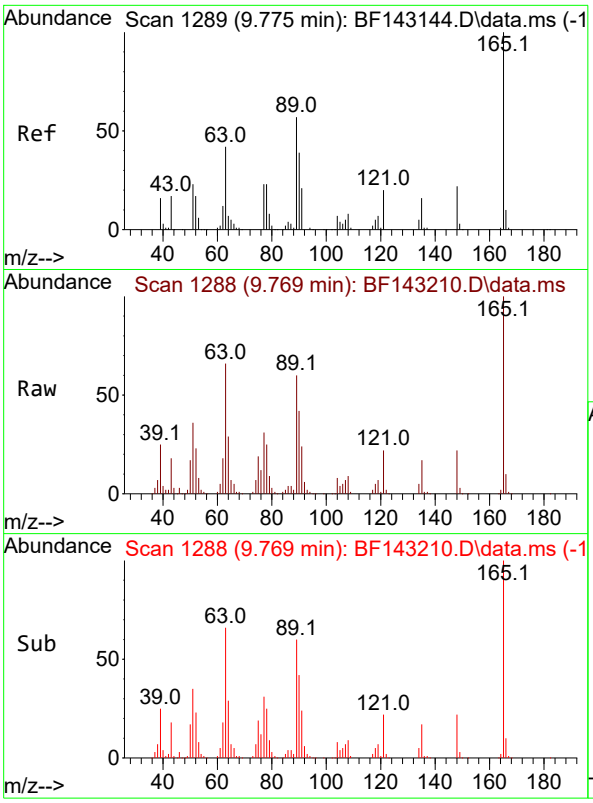


#50
Dimethylphthalate
Concen: 39.503 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:163 Resp: 482643

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5



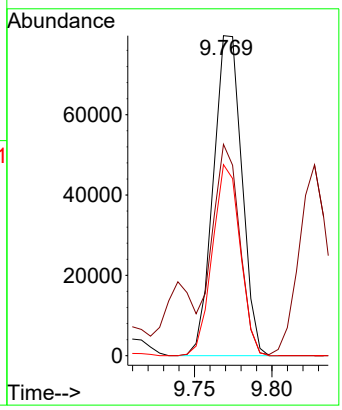


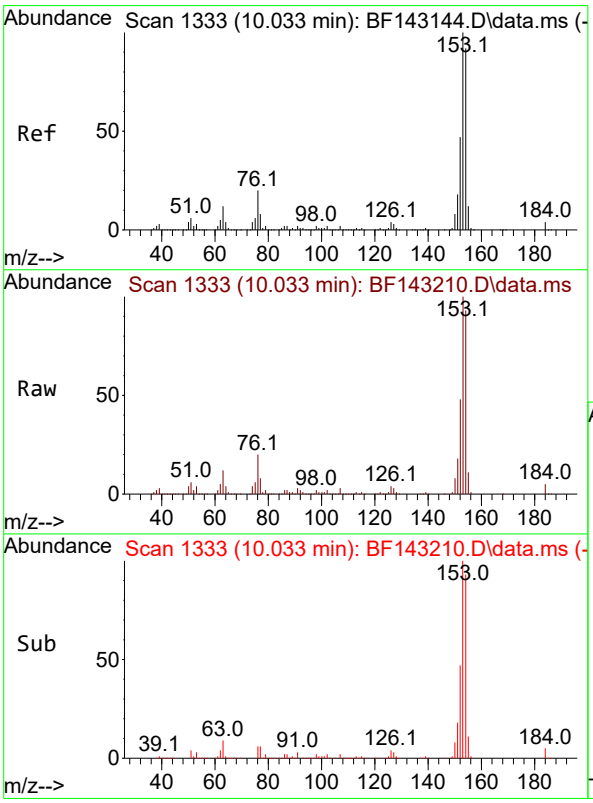
#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 101938

Ion	Ratio	Lower	Upper
165	100		
63	66.1	49.4	74.2
89	59.7	46.2	69.2

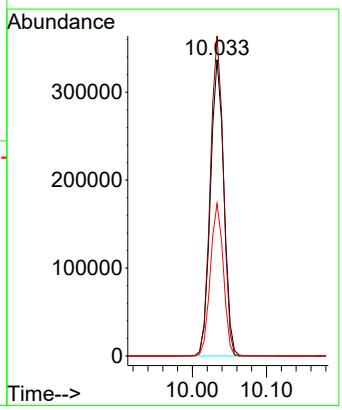


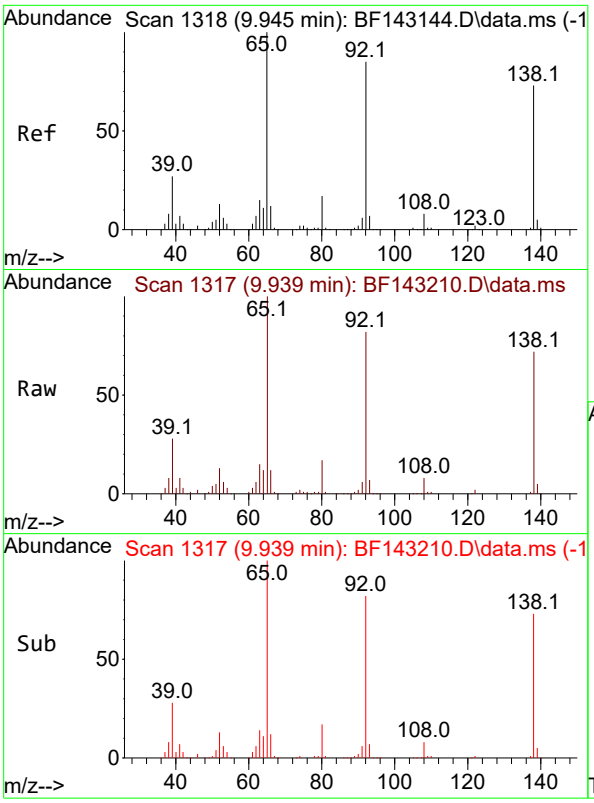


#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478

Ion	Ratio	Lower	Upper
154	100		
153	108.0	86.6	129.8
152	51.5	40.4	60.6



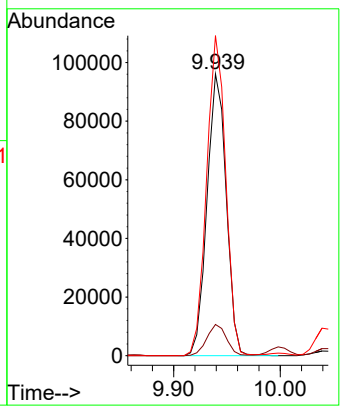


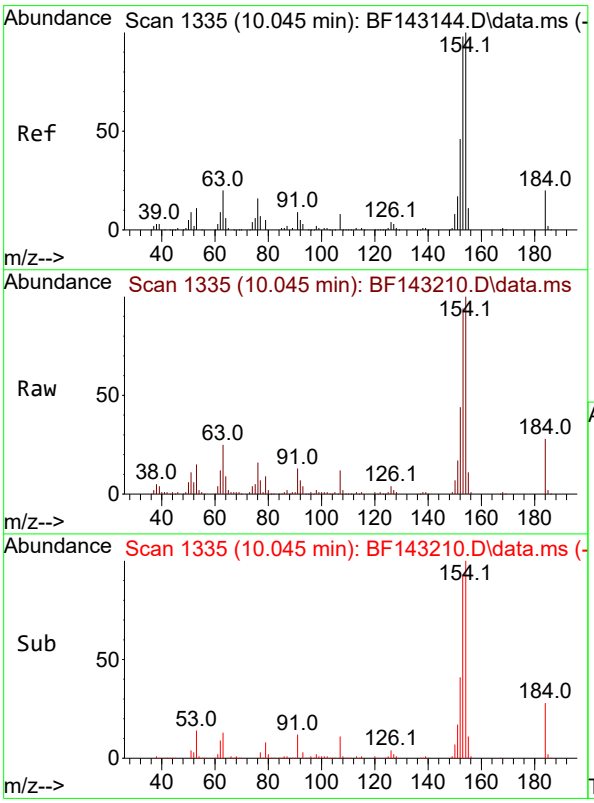
#53
3-Nitroaniline
Concen: 41.423 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 120421

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	113.5	93.0	139.4

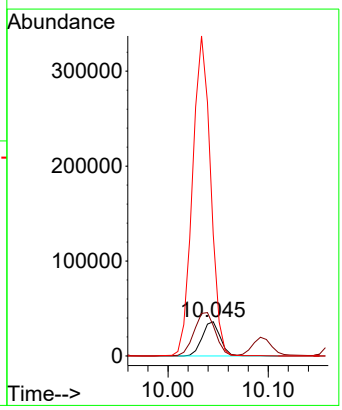


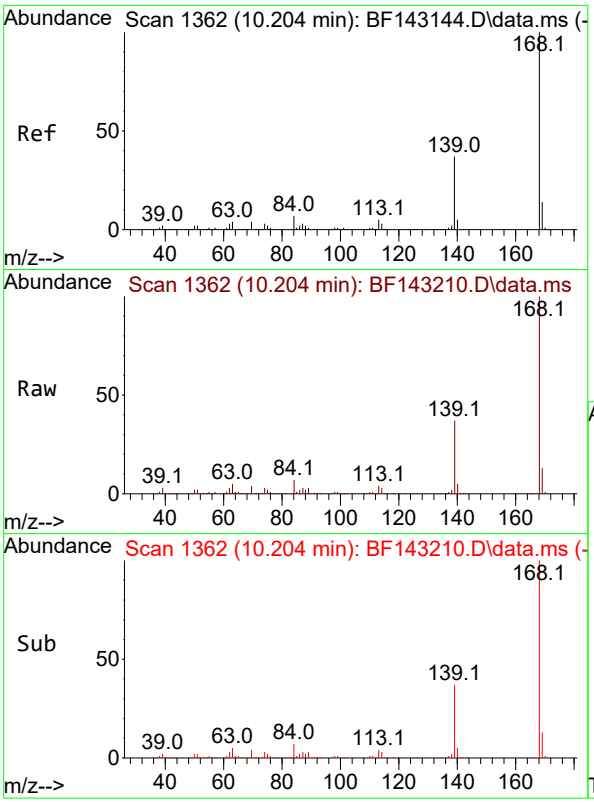


#54
2,4-Dinitrophenol
Concen: 43.601 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:184 Resp: 45389

Ion	Ratio	Lower	Upper
184	100		
63	88.6	81.8	122.6
154	354.5	412.2	618.4#



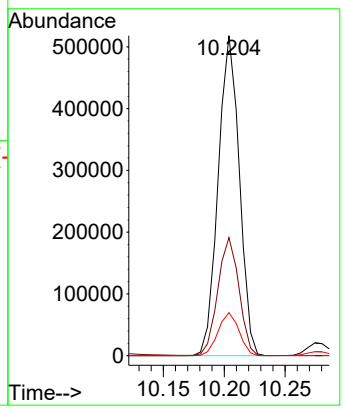


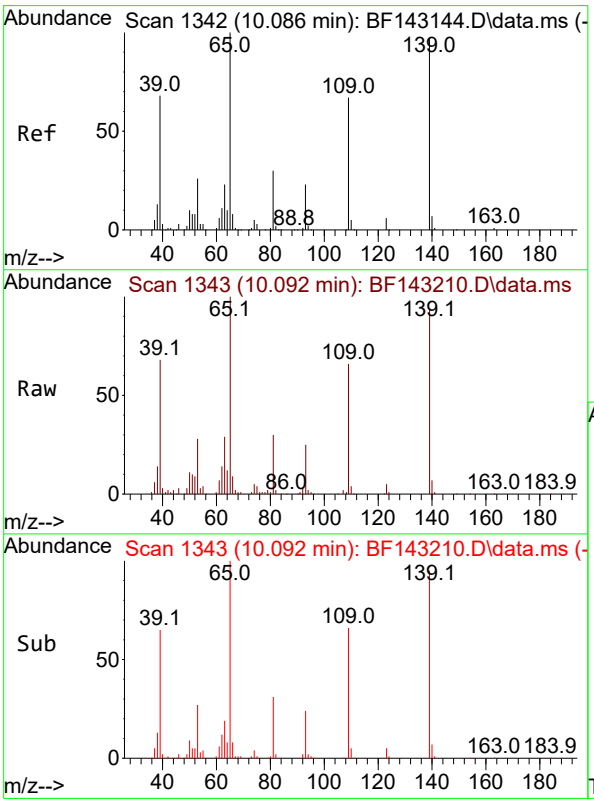
#55
Dibenzofuran
Concen: 39.327 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 625794

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.4	10.9	16.3

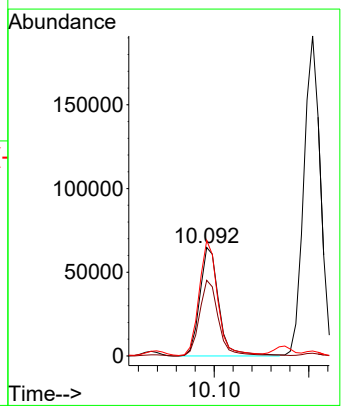


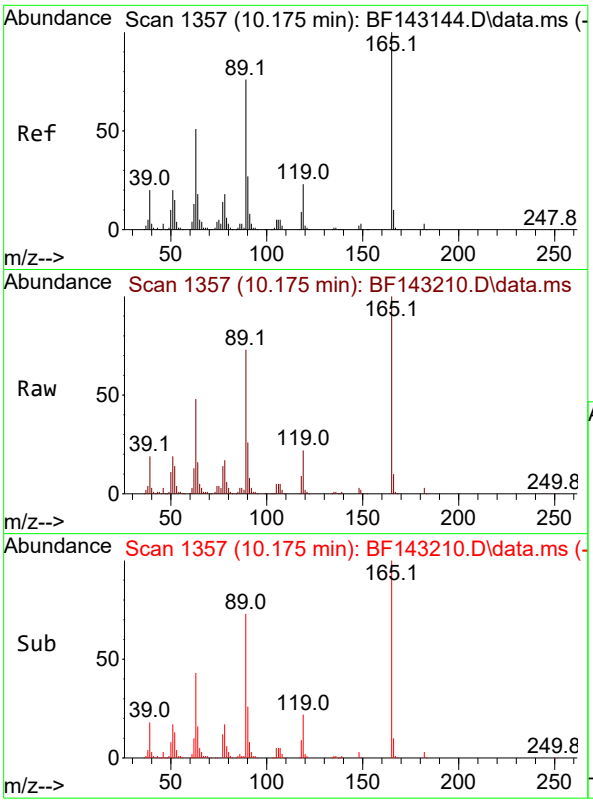


#56
4-Nitrophenol
Concen: 41.556 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 90214

Ion	Ratio	Lower	Upper
139	100		
109	69.9	48.5	88.5
65	106.6	83.4	123.4



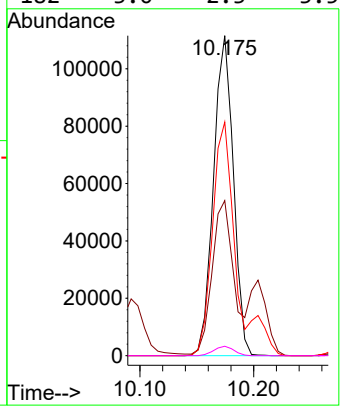


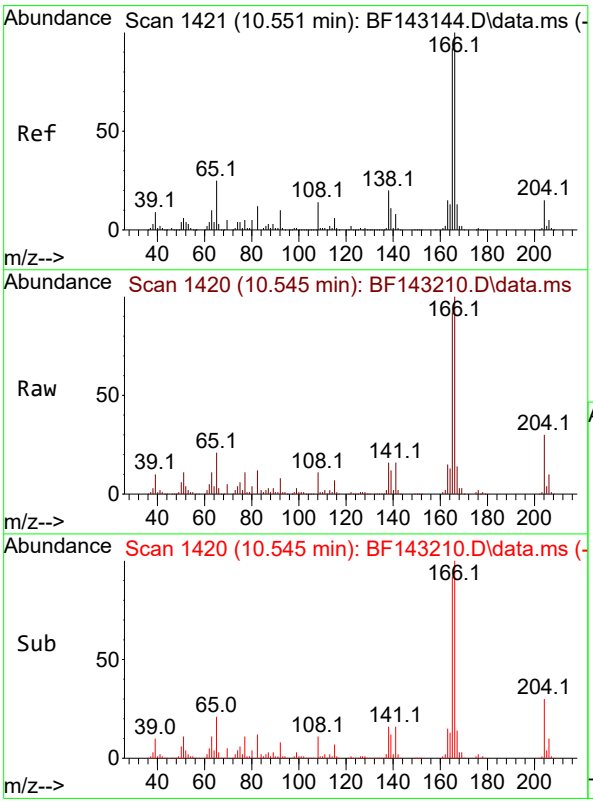
#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 135422

Ion	Ratio	Lower	Upper
165	100		
63	48.4	41.0	61.4
89	73.0	61.1	91.7
182	3.0	2.3	3.5

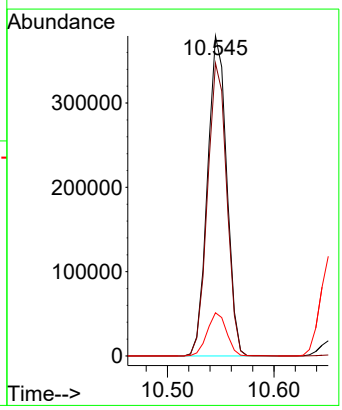


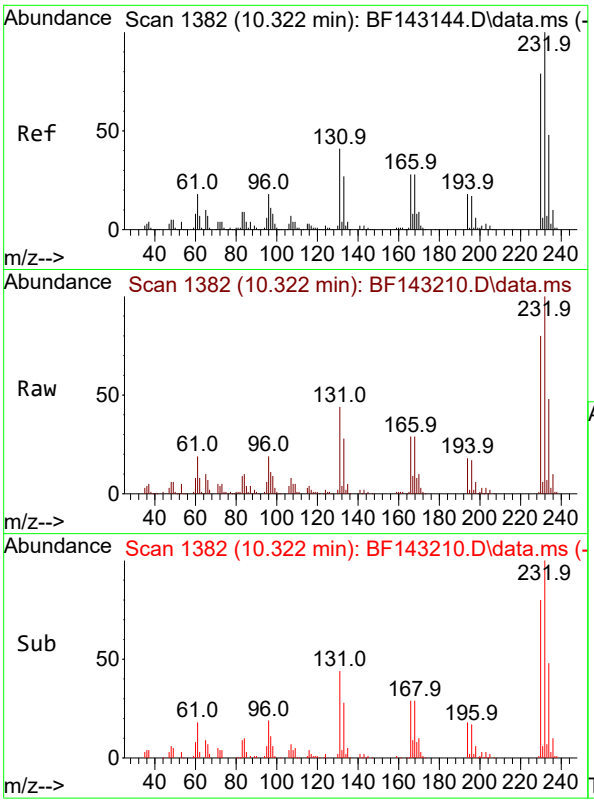


#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175

Ion	Ratio	Lower	Upper
166	100		
165	91.5	73.7	110.5
167	13.5	10.6	16.0



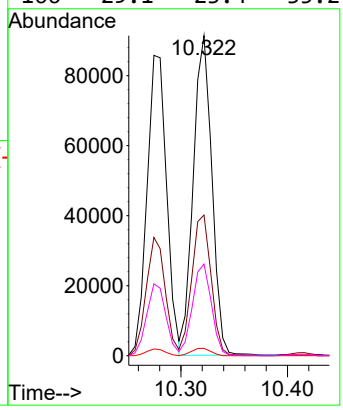


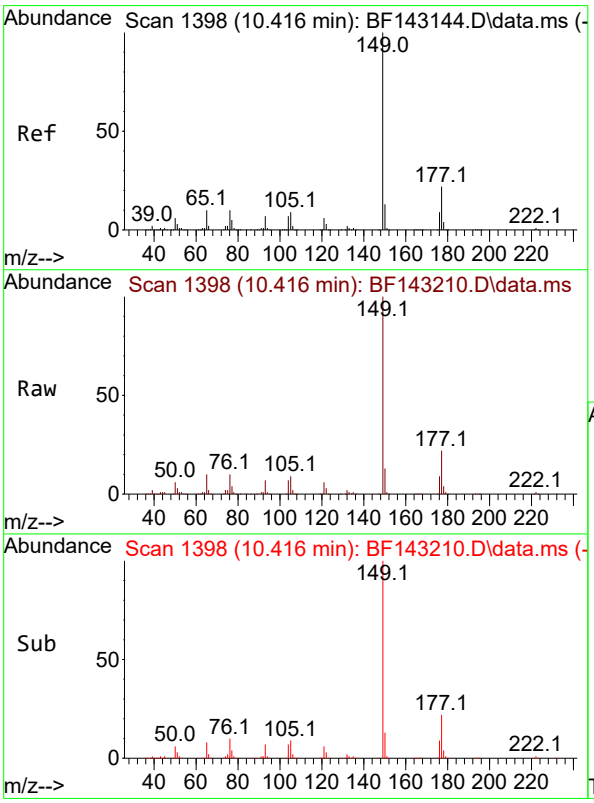
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 111208

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.3	52.9
130	2.4	1.7	2.5
166	29.1	23.4	35.2

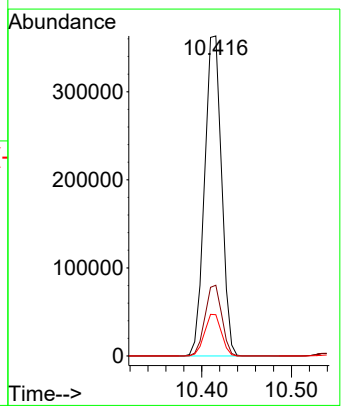


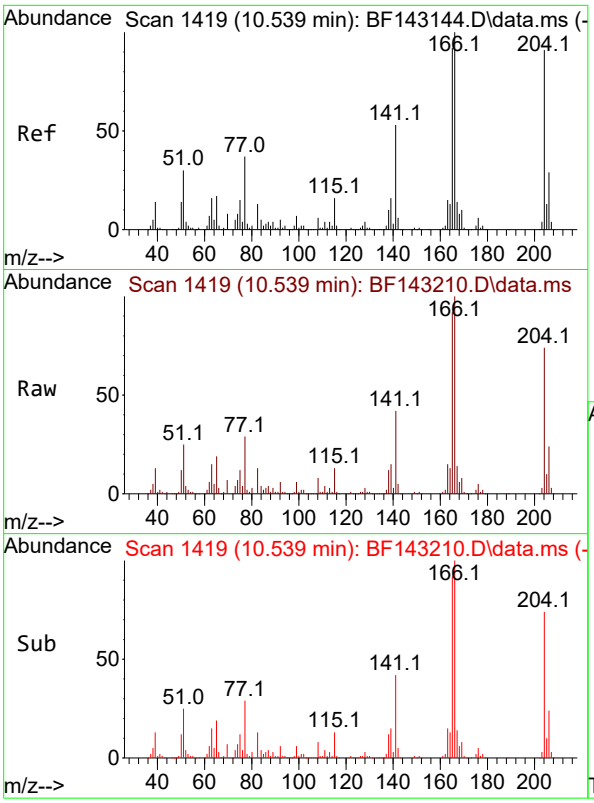


#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.9	10.2	15.2



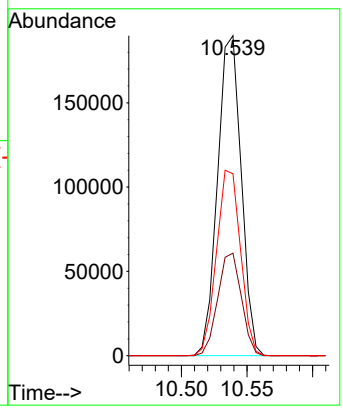


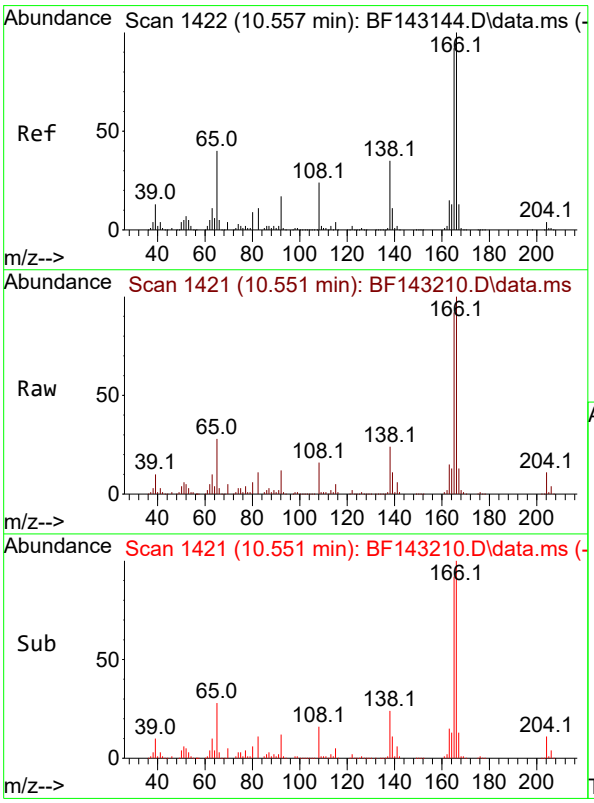
#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 238049

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	56.8	47.0	70.4

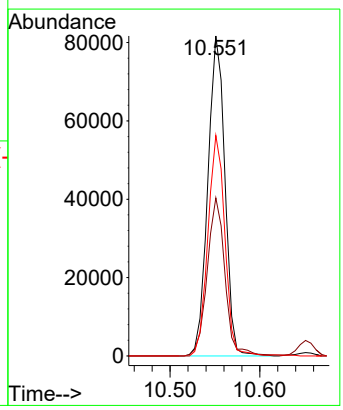


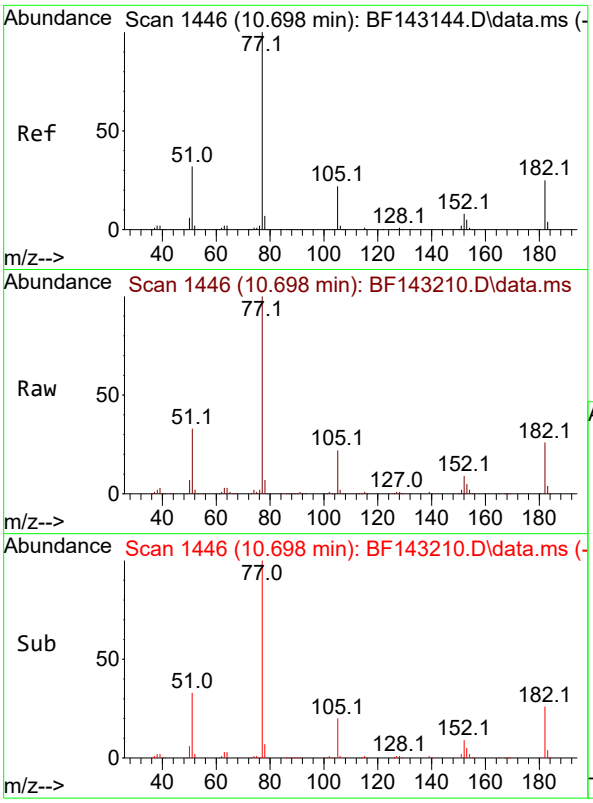


#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074

Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.3	69.3
108	68.9	48.3	88.3



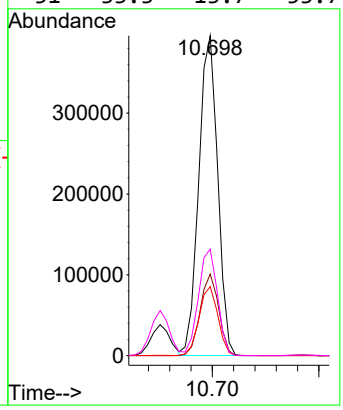


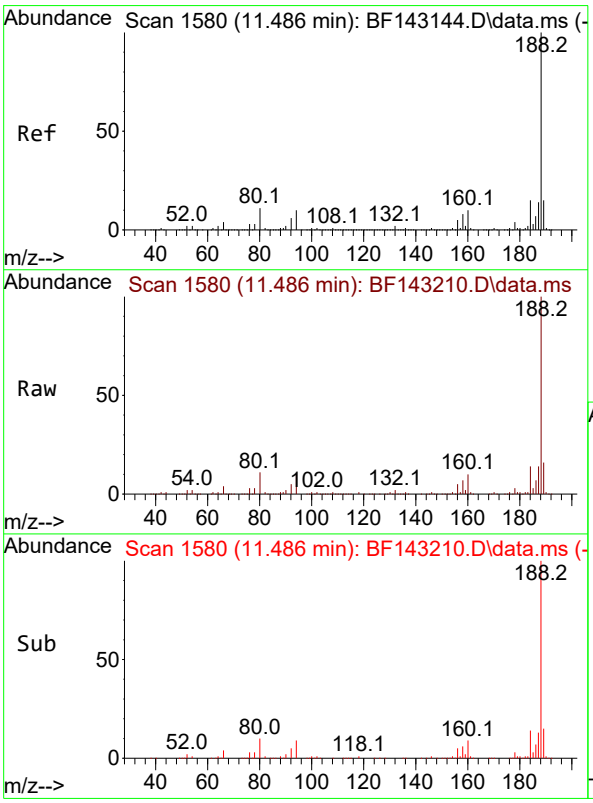
#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 489180

Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.6	44.6
105	21.6	1.4	41.4
51	33.3	13.7	53.7

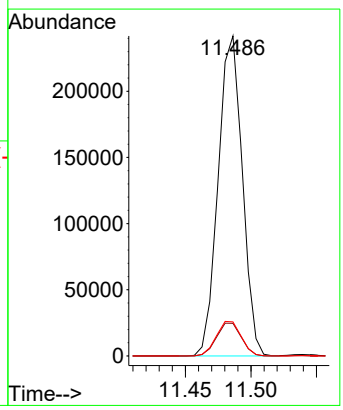


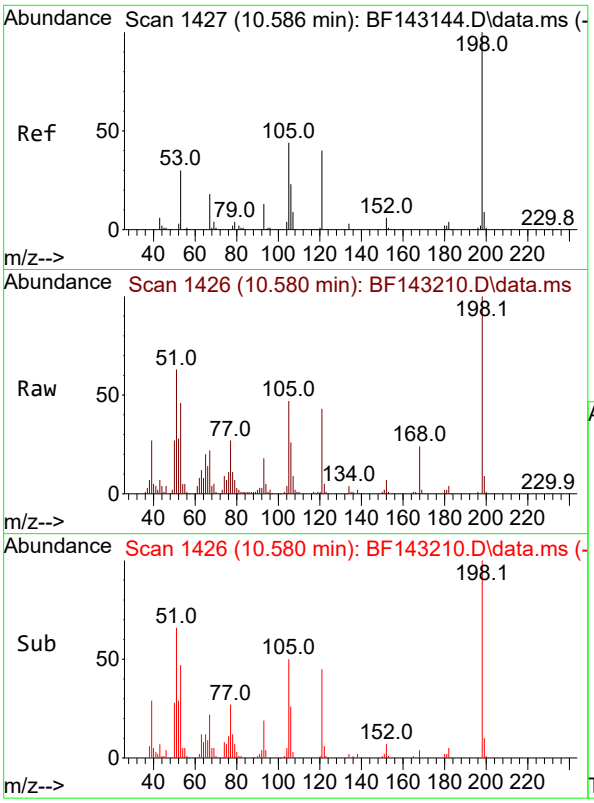


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188 Resp: 309922

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.7	9.0	13.6



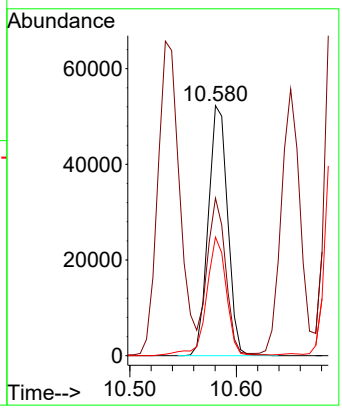


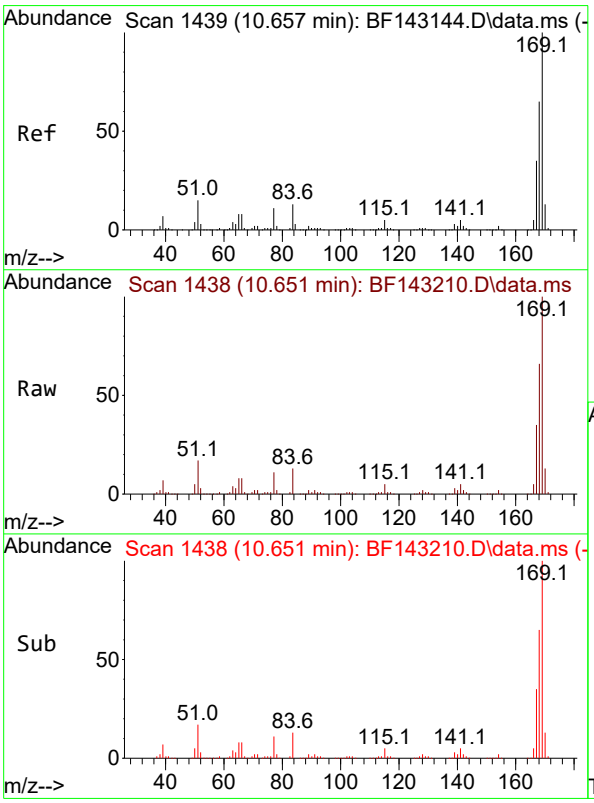
#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 65757

Ion	Ratio	Lower	Upper
198	100		
51	63.0	37.2	77.2
105	47.4	24.8	64.8

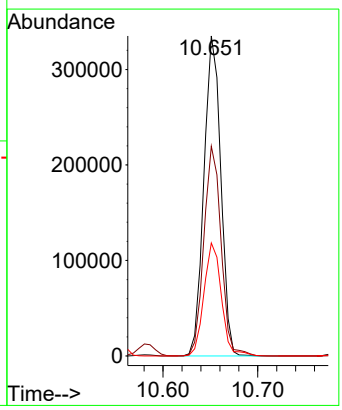


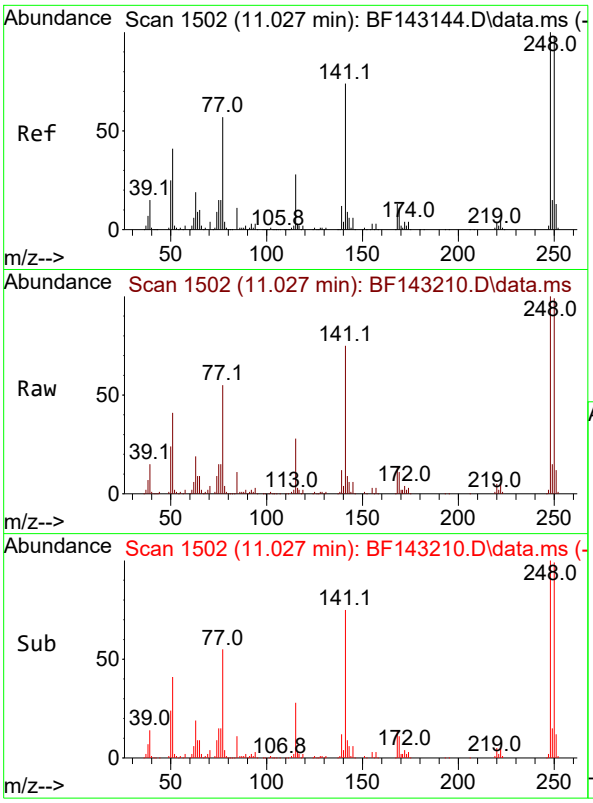


#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.3	28.2	42.2



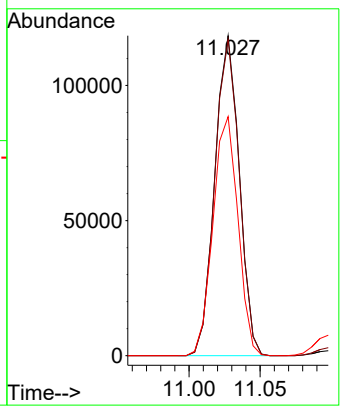


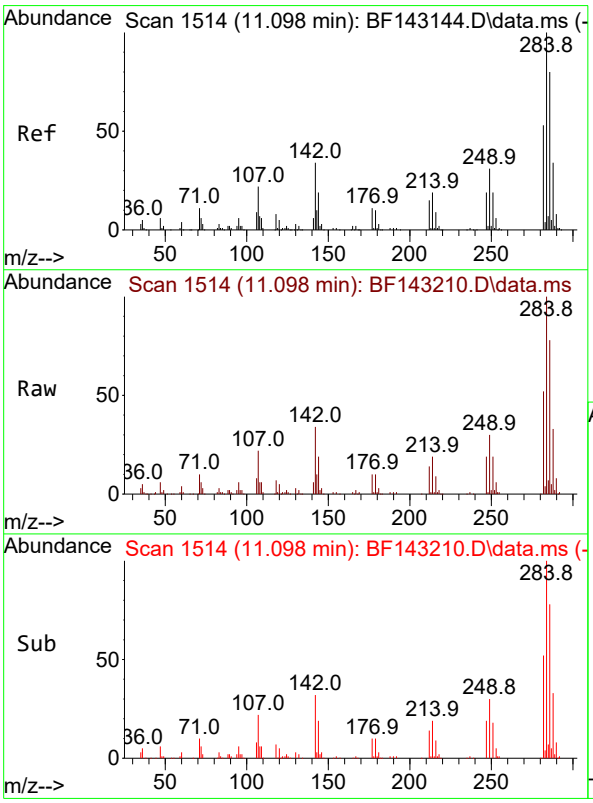
#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 142152

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	74.7	59.2	88.8

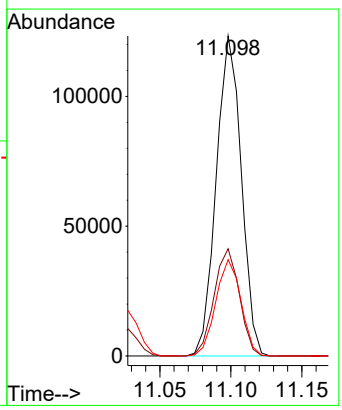


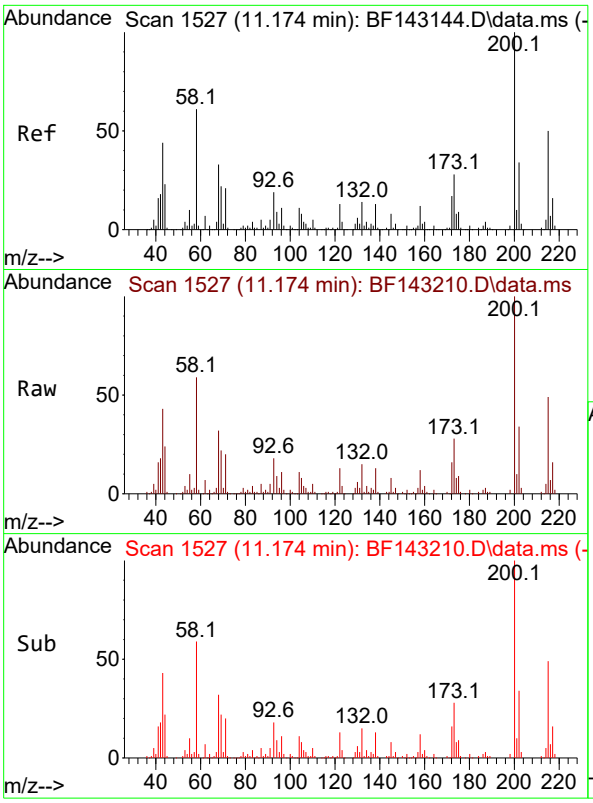


#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	30.1	25.0	37.6



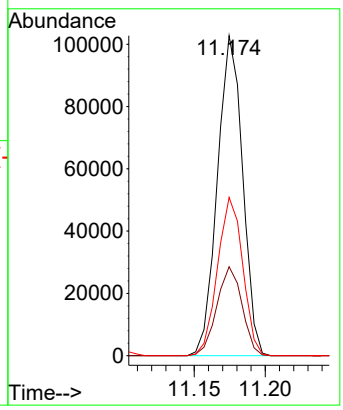


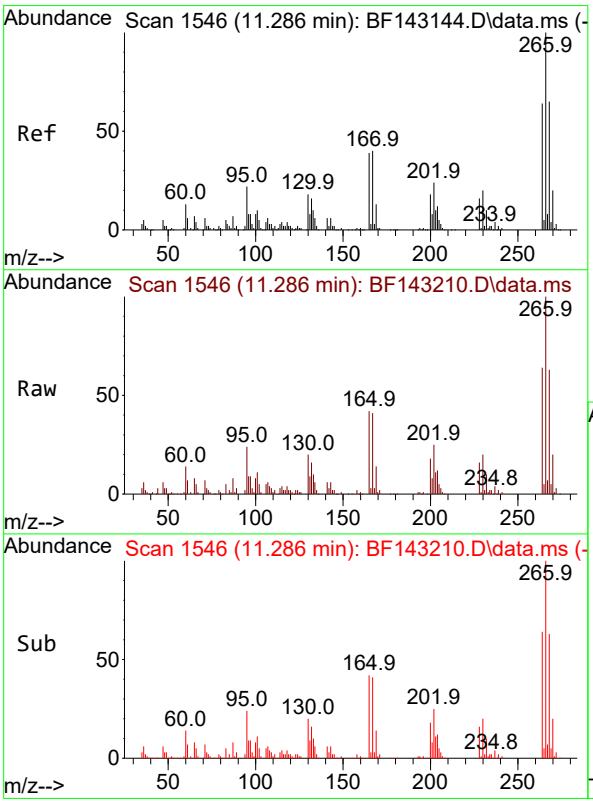
#69
Atrazine
Concen: 42.107 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 126687

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.9	47.9
215	49.5	30.1	70.1

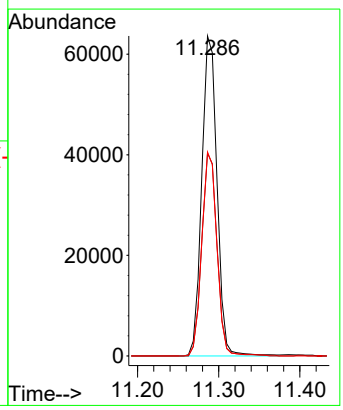


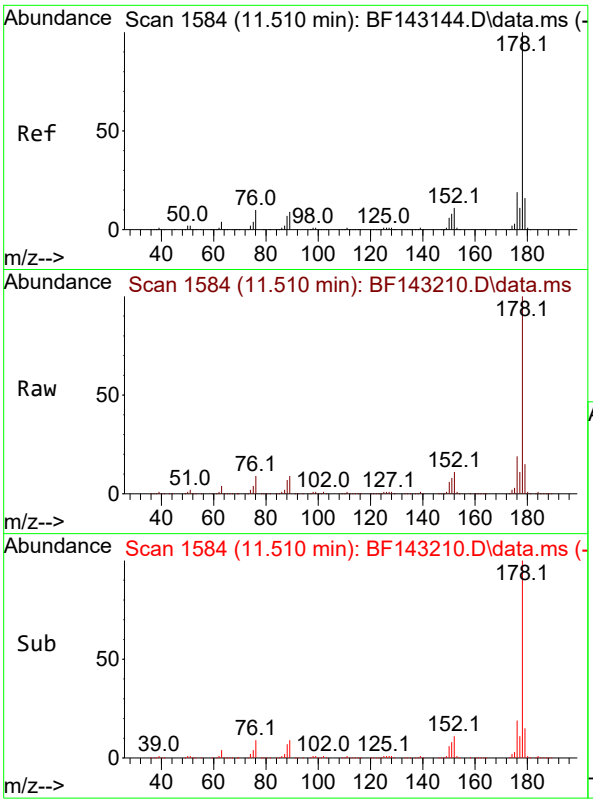


#70
Pentachlorophenol
Concen: 36.572 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:266 Resp: 83028

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	63.8	51.0	76.6



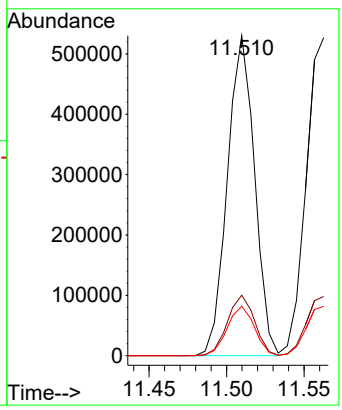


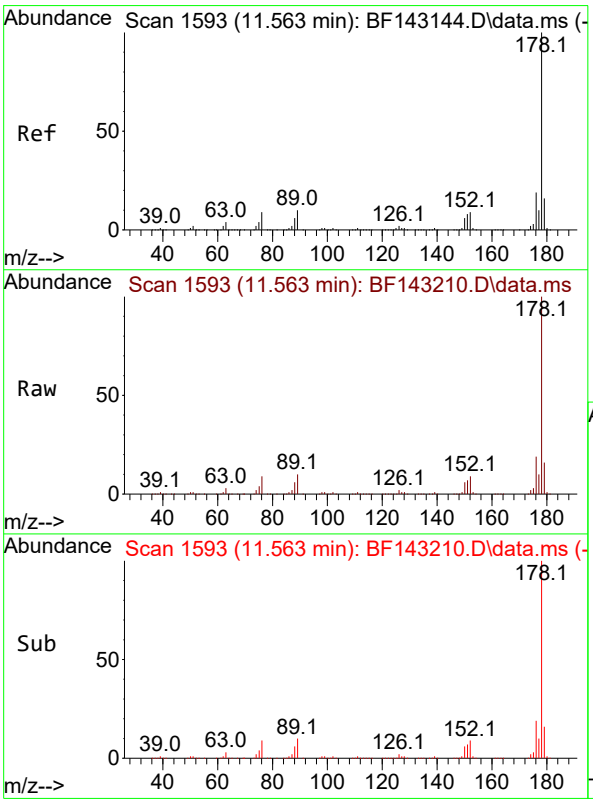
#71
Phenanthrene
Concen: 39.306 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 646817

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.5	18.7

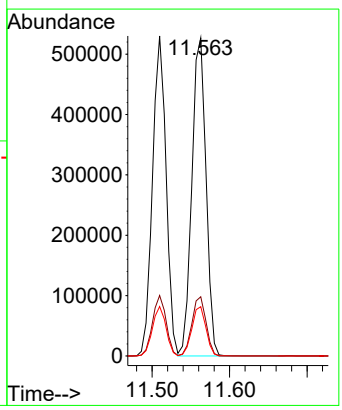


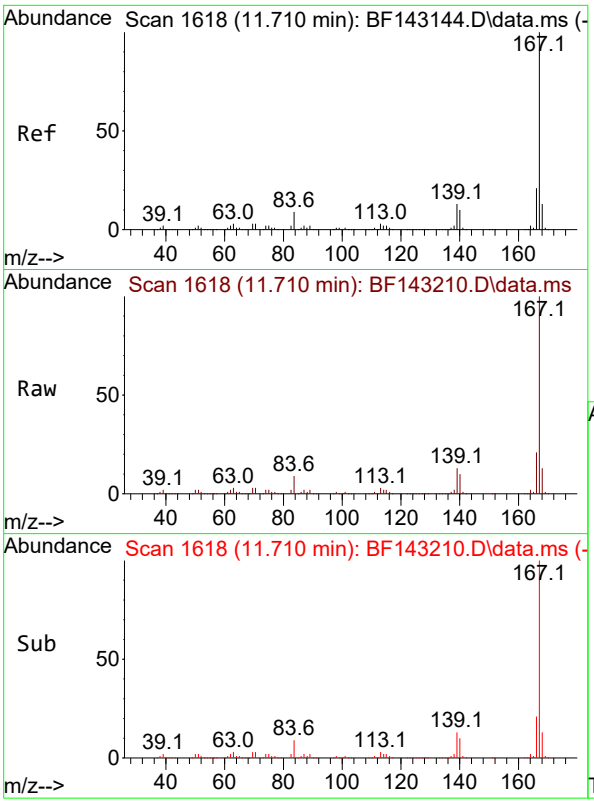


#72
Anthracene
Concen: 39.761 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:178 Resp: 667319

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7



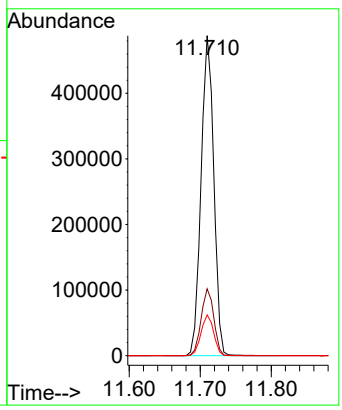


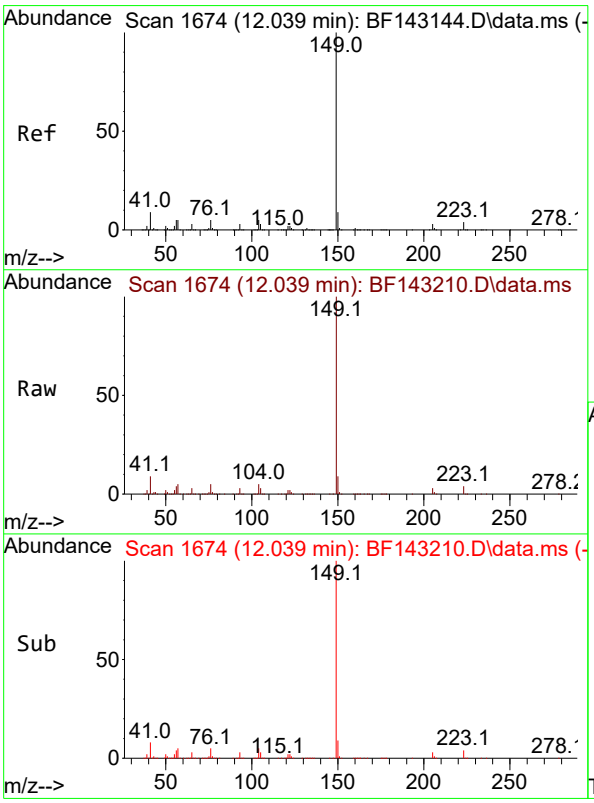
#73
Carbazole
Concen: 41.500 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 608177

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.8	10.0	15.0

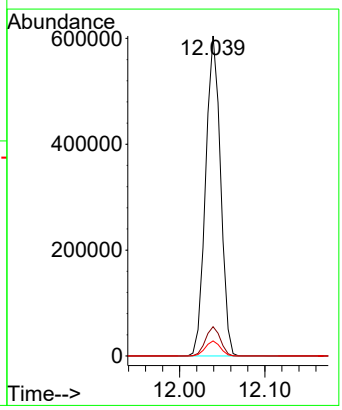


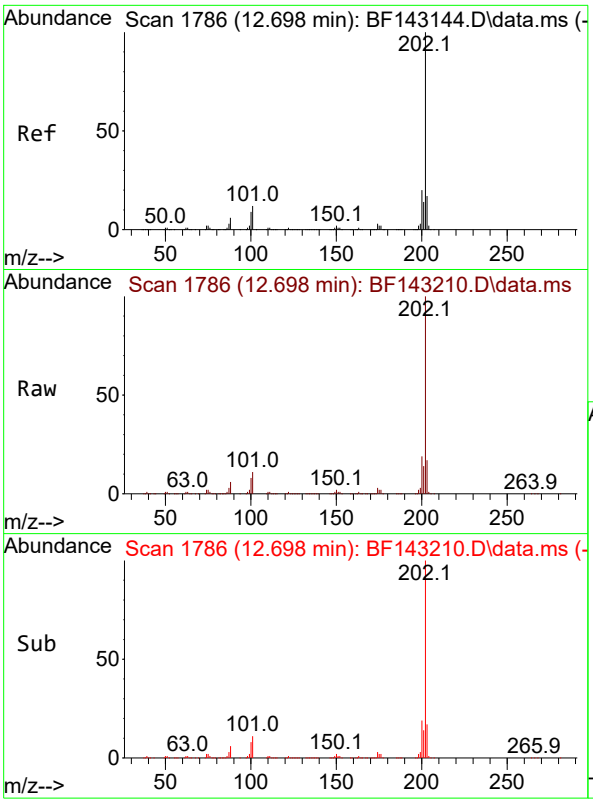


#74
Di-n-butylphthalate
Concen: 44.219 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 733248

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



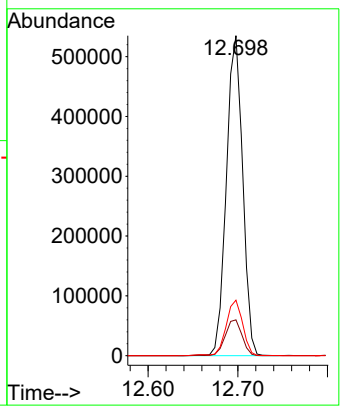


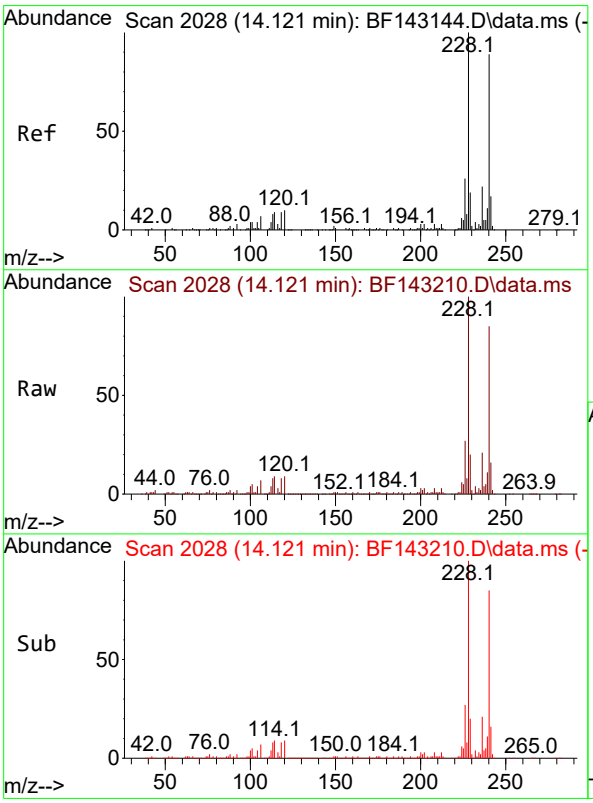
#75
Fluoranthene
Concen: 44.615 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 673881

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.3	0.0	37.4

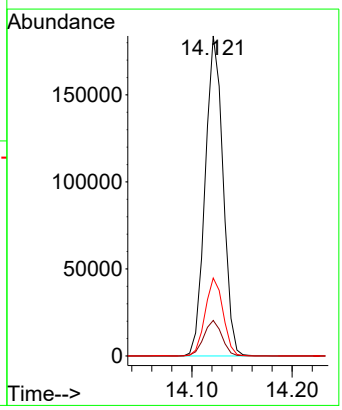


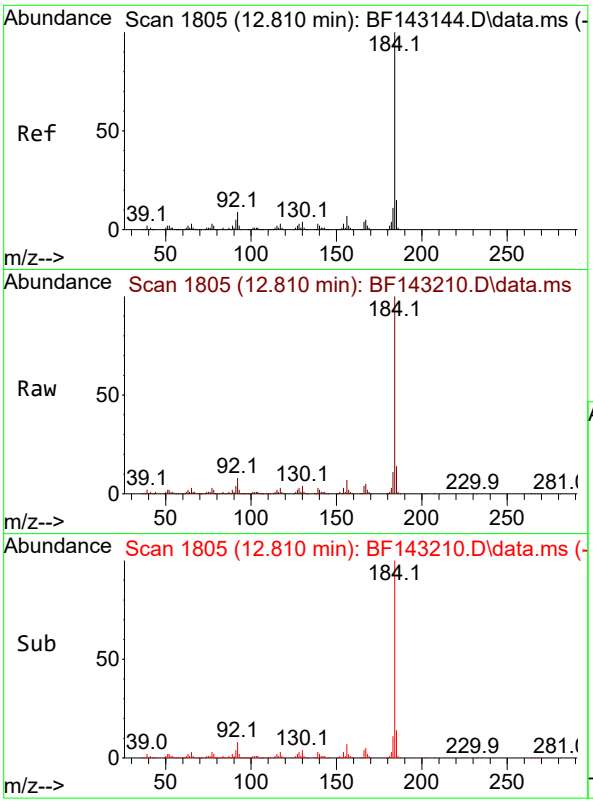


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:240 Resp: 228057

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	24.4	20.2	30.4



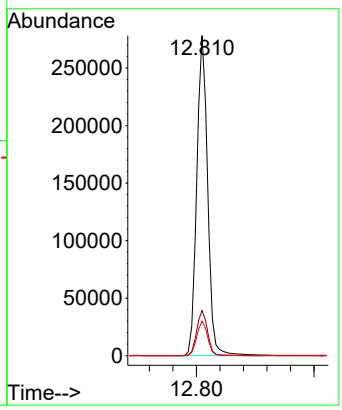


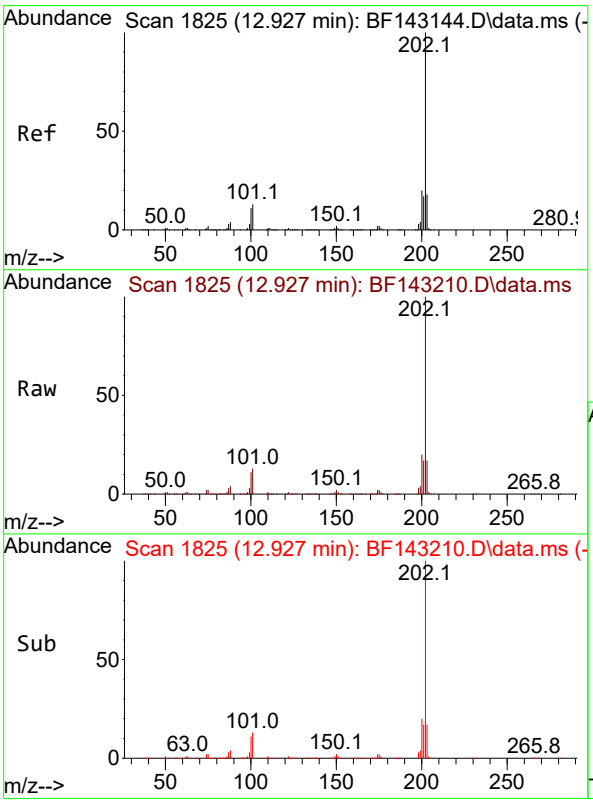
#77
Benzidine
Concen: 40.712 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 357711

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	10.8	9.0	13.4

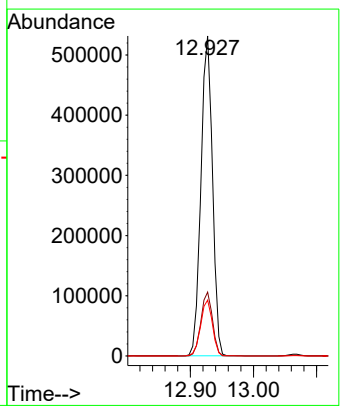


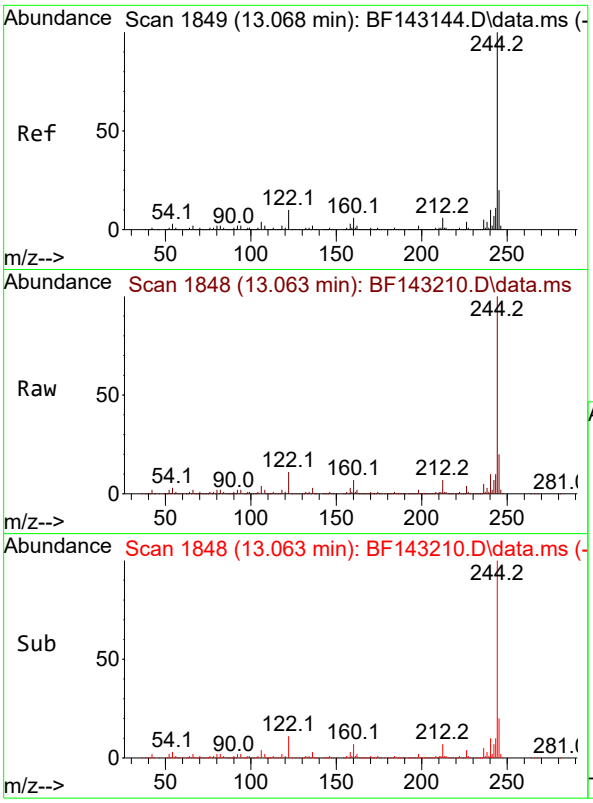


#78
Pyrene
Concen: 34.761 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:202 Resp: 676567

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	17.4	14.2	21.2



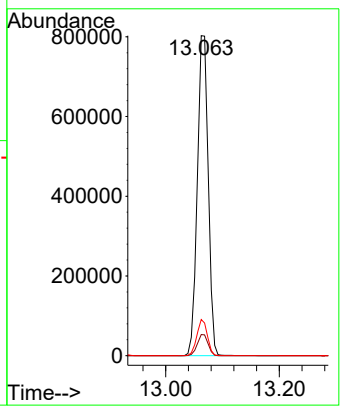


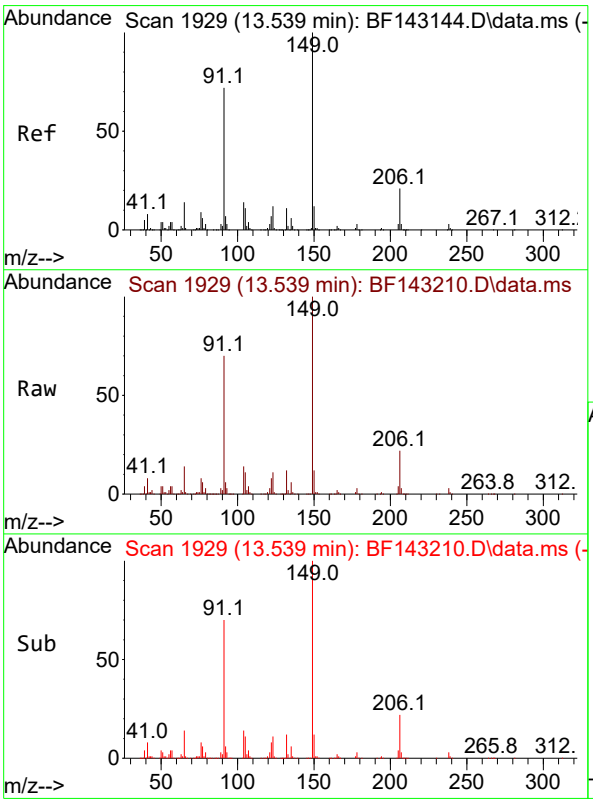
#79
Terphenyl-d14
Concen: 70.144 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1074970

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	8.2	12.2

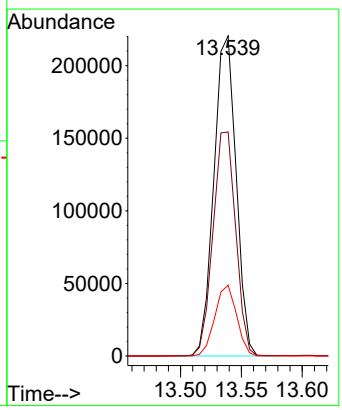


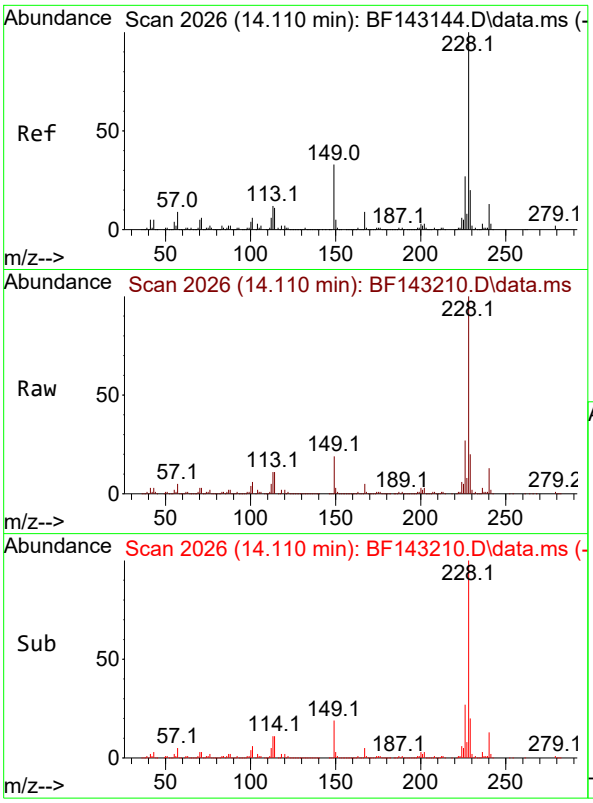


#80
Butylbenzylphthalate
Concen: 47.140 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 280954

Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.9	86.9
206	22.1	17.0	25.4



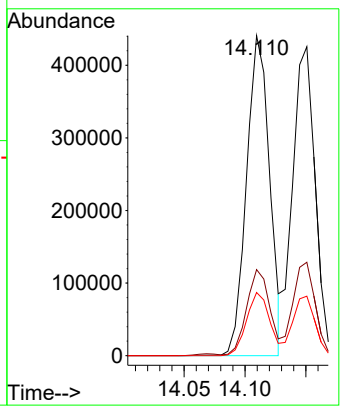


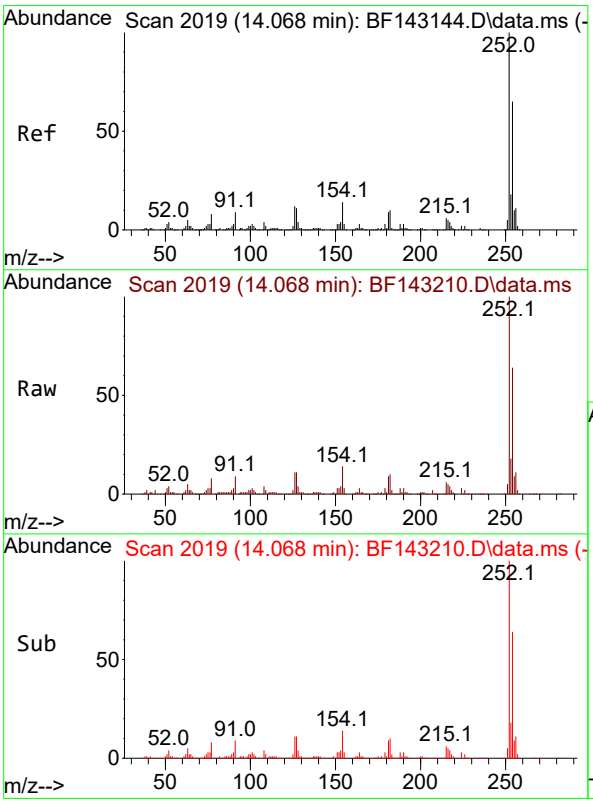
#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 581201

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	15.8	23.6

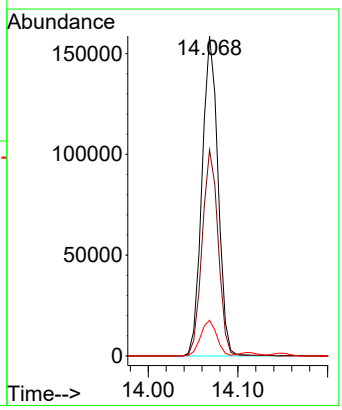


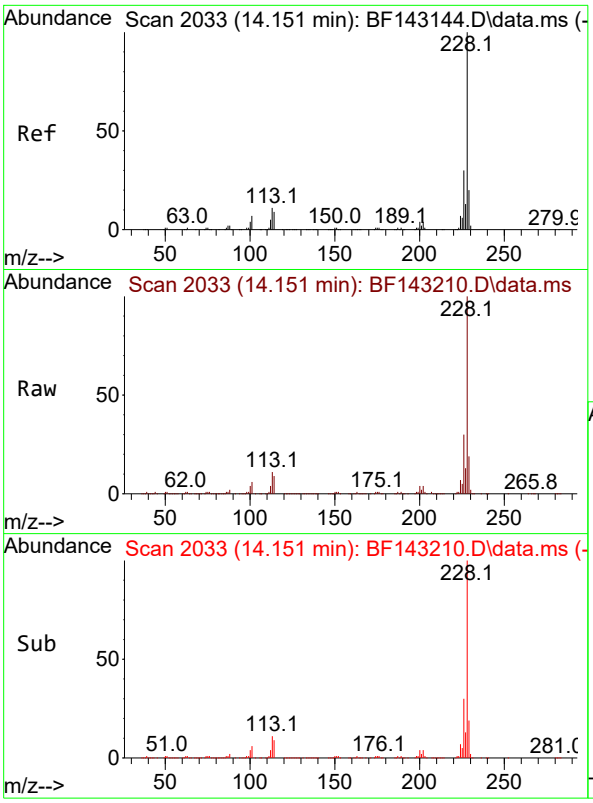


#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.2	9.4	14.0



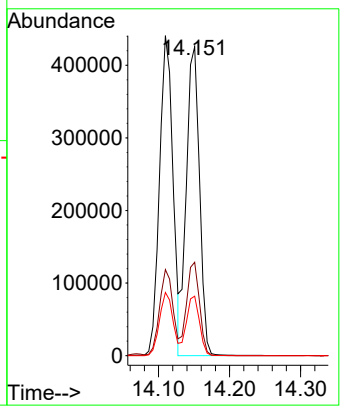


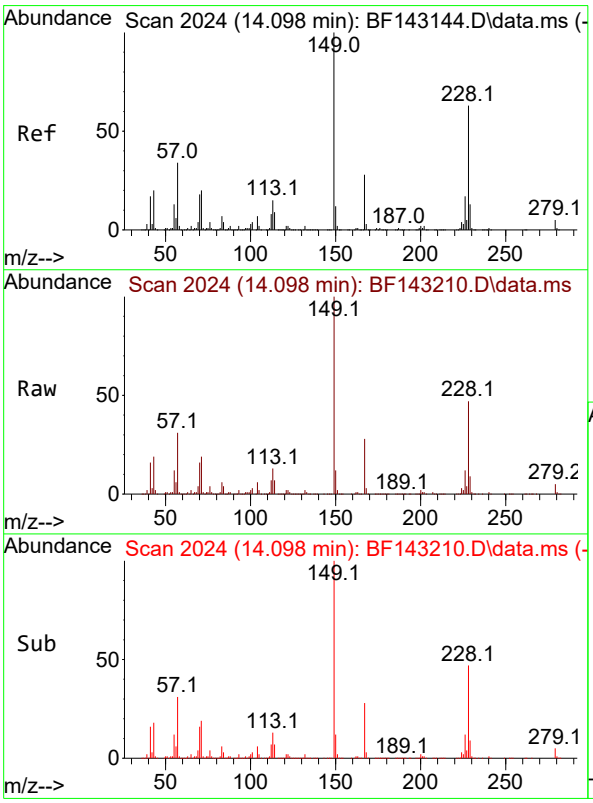
#83
Chrysene
Concen: 39.878 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 547436

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.3	15.6	23.4

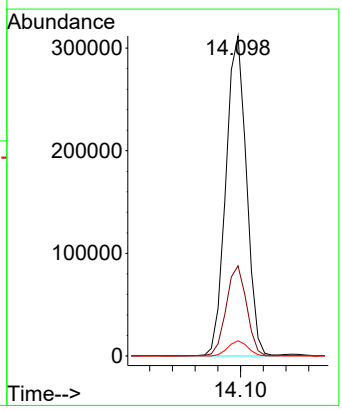


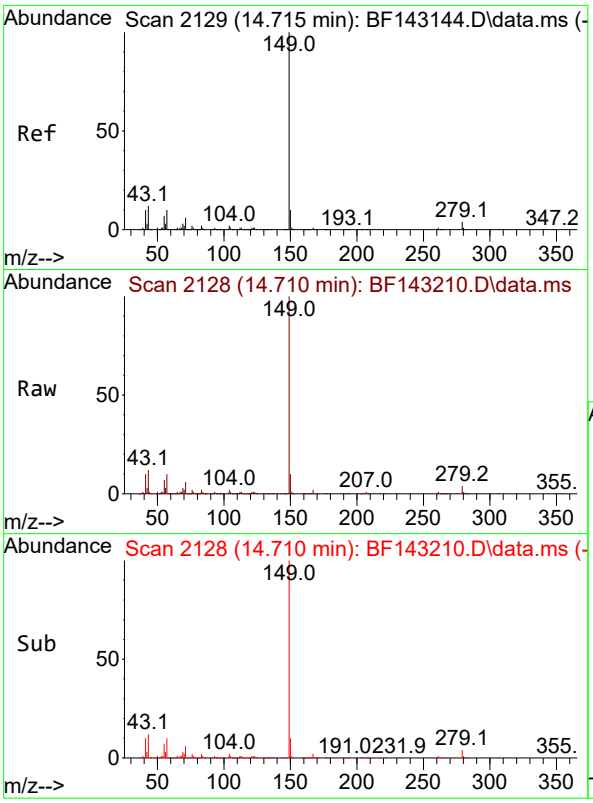


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.463 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 392081

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.8	3.6	5.4



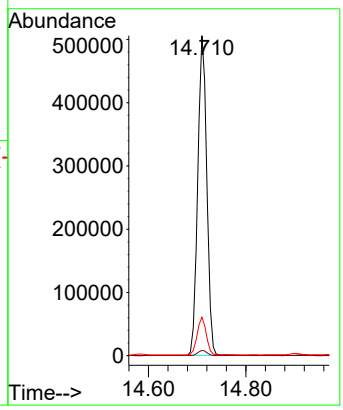


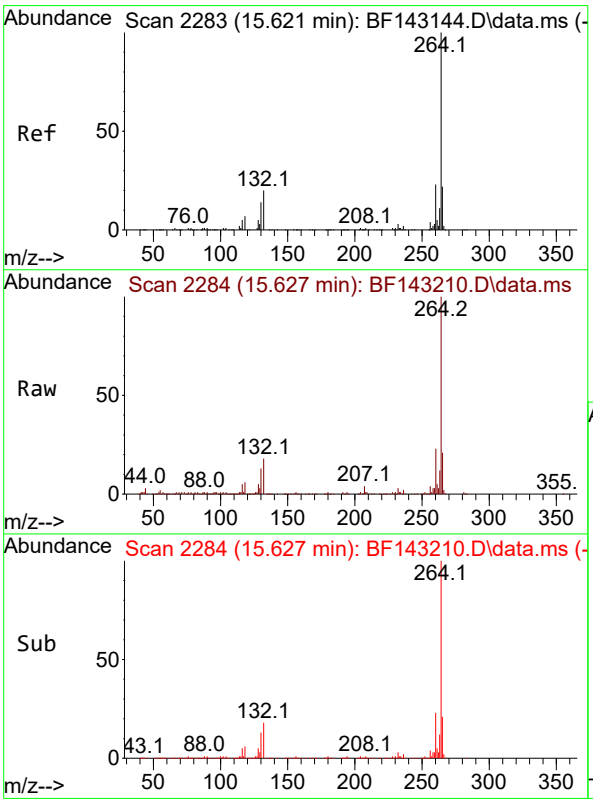
#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 657230

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.7	9.7	14.5

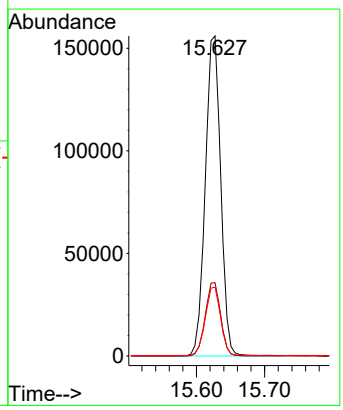


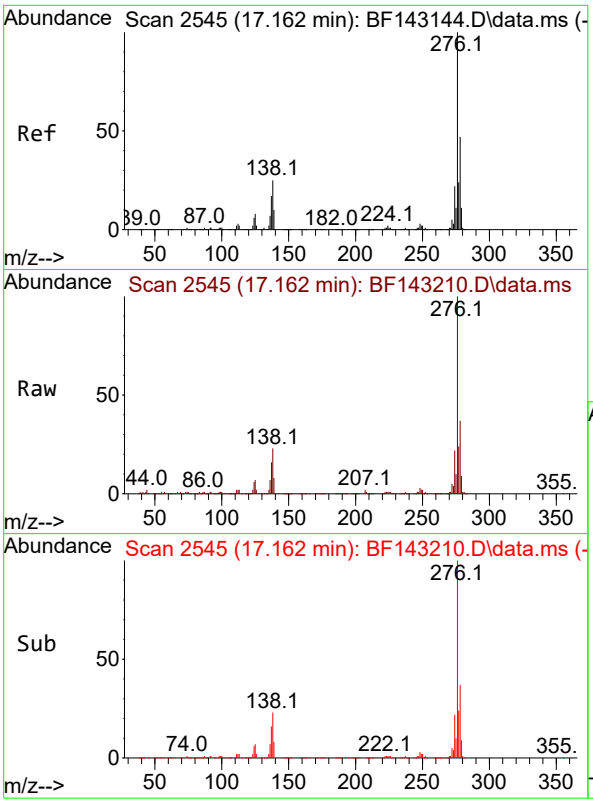


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:264 Resp: 245226

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.5	17.4	26.2



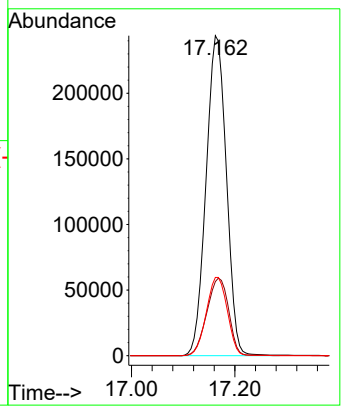


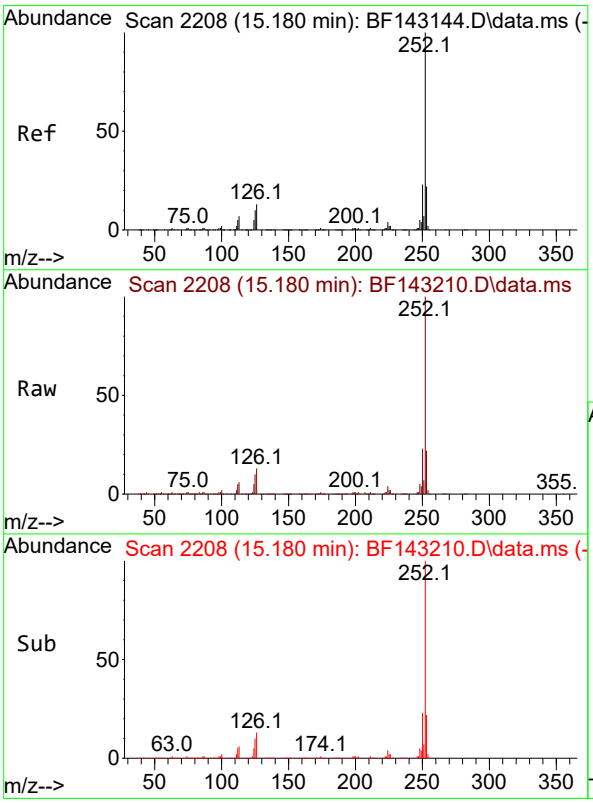
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.487 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 665501

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.2	20.0	30.0

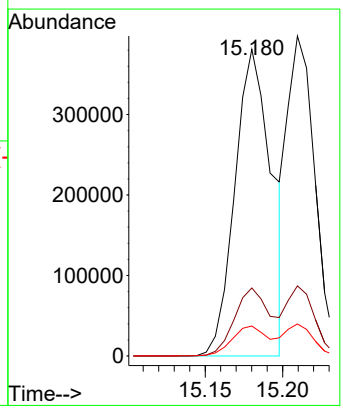


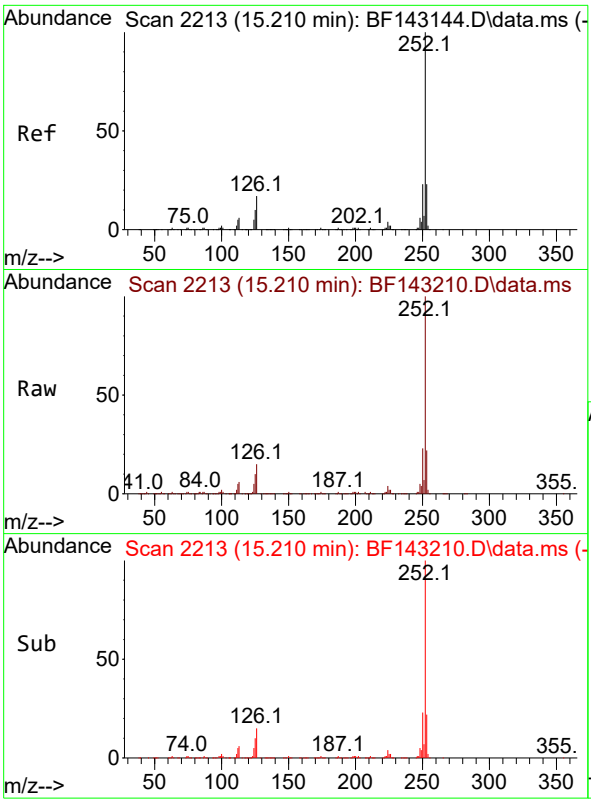


#88
Benzo(b)fluoranthene
Concen: 41.819 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 626496

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.8	8.0	12.0



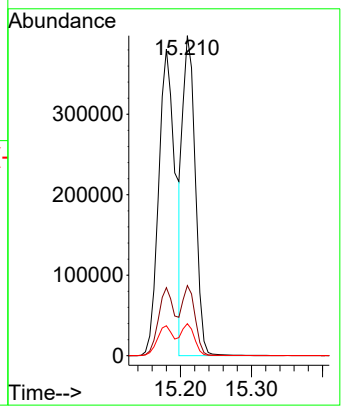


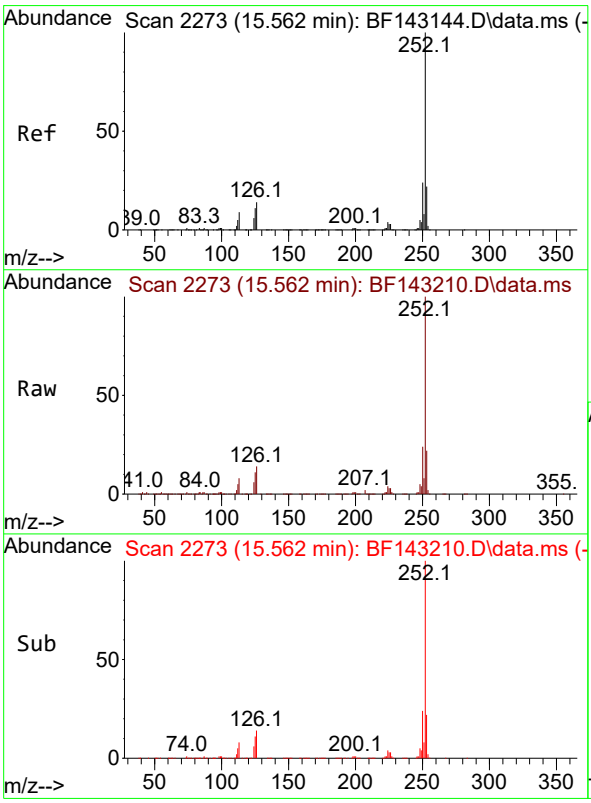
#89
Benzo(k)fluoranthene
Concen: 36.623 ng
RT: 15.210 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 489587

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	8.1	12.1

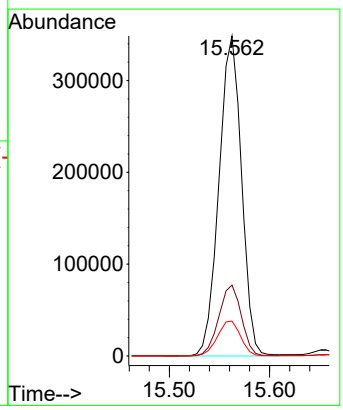


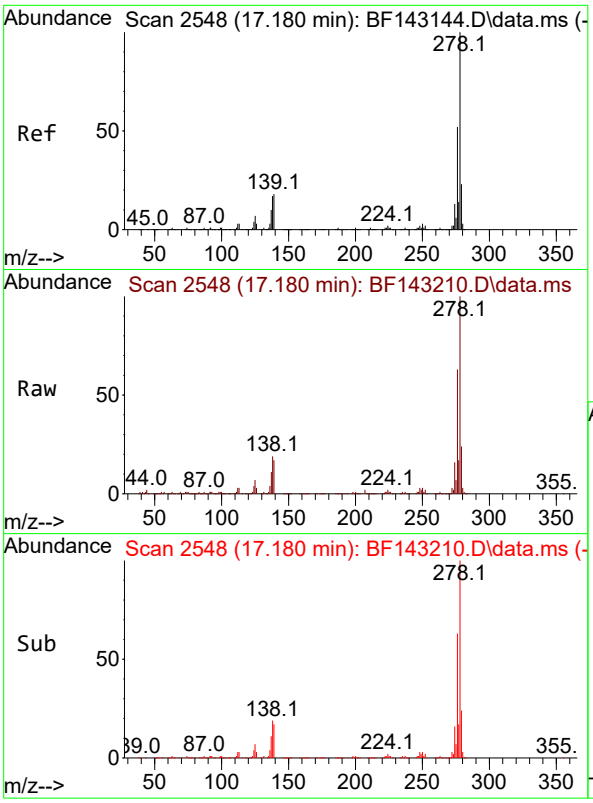


#90
Benzo(a)pyrene
Concen: 39.377 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 543505

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.9	8.6	13.0



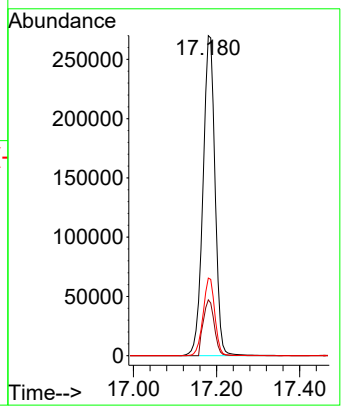


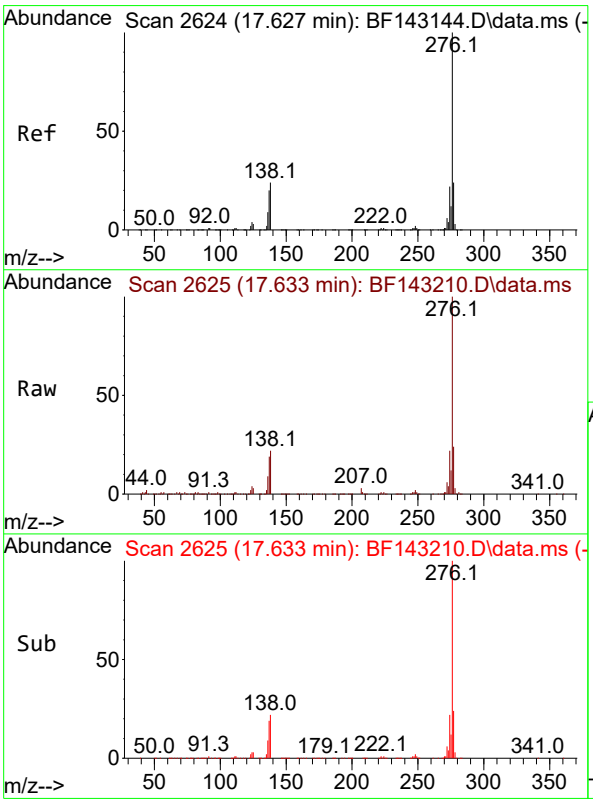
#91
Dibenzo(a,h)anthracene
Concen: 38.668 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 544233

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	24.3	18.6	28.0

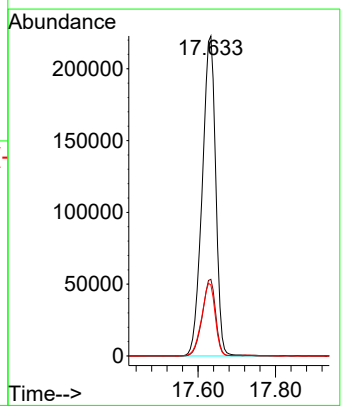




#92
Benzo(g,h,i)perylene
Concen: 39.524 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:276 Resp: 538105

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.2	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
2		1,4-Dioxane	0.598	0.584	2.3	57	-0.02
3		Pyridine	1.552	1.455	6.2	55	-0.01
4		n-Nitrosodimethylamine	0.801	0.779	2.7	56	-0.02
5	S	2-Fluorophenol	1.264	1.243	1.7	59	0.00
6		Aniline	2.217	2.069	6.7	55	0.00
7	S	Phenol-d6	1.591	1.523	4.3	57	0.00
8		2-Chlorophenol	1.325	1.298	2.0	58	0.00
9		Benzaldehyde	1.193	1.066	10.6	43#	0.00
10	C	Phenol	1.733	1.726	0.4	59	0.00
11		bis(2-Chloroethyl)ether	1.327	1.254	5.5	56	0.00
12		1,3-Dichlorobenzene	1.439	1.444	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	1.449	1.442	0.5	59	0.00
14		1,2-Dichlorobenzene	1.378	1.382	-0.3	60	0.00
15		Benzyl Alcohol	1.215	1.173	3.5	56	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.315	5.9	56	0.00
17		2-Methylphenol	1.114	1.066	4.3	57	0.00
18		Hexachloroethane	0.502	0.518	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.929	9.0	55	0.00
20		3+4-Methylphenols	1.351	1.319	2.4	57	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	57	0.00
22		Acetophenone	0.474	0.460	3.0	57	0.00
23	S	Nitrobenzene-d5	0.401	0.408	-1.7	58	0.00
24		Nitrobenzene	0.374	0.377	-0.8	57	0.00
25		Isophorone	0.708	0.669	5.5	55	0.00
26	C	2-Nitrophenol	0.162	0.179	-10.5	59	0.00
27		2,4-Dimethylphenol	0.331	0.316	4.5	55	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.401	5.6	55	0.00
29	C	2,4-Dichlorophenol	0.279	0.275	1.4	57	0.00
30		1,2,4-Trichlorobenzene	0.302	0.307	-1.7	59	0.00
31		Naphthalene	0.985	0.978	0.7	58	0.00
32		Benzoic acid	0.169	0.190	-12.4	60	0.00
33		4-Chloroaniline	0.402	0.385	4.2	56	0.00
34	C	Hexachlorobutadiene	0.184	0.189	-2.7	59	0.00
35		Caprolactam	0.084	0.086	-2.4	56	-0.02
36	C	4-Chloro-3-methylphenol	0.303	0.294	3.0	56	0.00
37		2-Methylnaphthalene	0.599	0.593	1.0	58	0.00
38		1-Methylnaphthalene	0.617	0.615	0.3	58	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.577	0.0	59	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.395	-5.1	60	0.00
42	S	2,4,6-Tribromophenol	0.207	0.202	2.4	54	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.386	3.5	57	0.00
44		2,4,5-Trichlorophenol	0.400	0.402	-0.5	56	0.00
45	S	2-Fluorobiphenyl	1.462	1.452	0.7	60	0.00
46		1,1'-Biphenyl	1.560	1.539	1.3	58	0.00
47		2-Chloronaphthalene	1.155	1.124	2.7	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.362	0.373	-3.0	56	0.00
49		Acenaphthylene	1.935	1.886	2.5	57	0.00
50		Dimethylphthalate	1.304	1.287	1.3	57	0.00
51		2,6-Dinitrotoluene	0.265	0.272	-2.6	55	0.00
52	C	Acenaphthene	1.144	1.132	1.0	58	0.00
53		3-Nitroaniline	0.310	0.321	-3.5	57	0.00
54	P	2,4-Dinitrophenol	0.098	0.121	-23.5	66	0.00
55		Dibenzofuran	1.698	1.669	1.7	58	0.00
56	P	4-Nitrophenol	0.232	0.241	-3.9	55	0.00
57		2,4-Dinitrotoluene	0.333	0.361	-8.4	58	0.00
58		Fluorene	1.274	1.270	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.297	10.3	50	0.00
60		Diethylphthalate	1.289	1.275	1.1	57	0.00
61		4-Chlorophenyl-phenylether	0.635	0.635	0.0	59	0.00
62		4-Nitroaniline	0.266	0.288	-8.3	58	0.00
63		Azobenzene	1.343	1.305	2.8	56	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.106	-12.8	62	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.668	5.1	57	0.00
67		4-Bromophenyl-phenylether	0.238	0.229	3.8	57	0.00
68		Hexachlorobenzene	0.249	0.244	2.0	58	0.00
69		Atrazine	0.194	0.204	-5.2	59	0.00
70	C	Pentachlorophenol	0.147	0.134	8.8	52	0.00
71		Phenanthrene	1.062	1.044	1.7	58	0.00
72		Anthracene	1.083	1.077	0.6	59	0.00
73		Carbazole	0.946	0.981	-3.7	60	0.00
74		Di-n-butylphthalate	1.070	1.183	-10.6	63	0.00
75	C	Fluoranthene	0.975	1.087	-11.5	65	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77		Benzidine	0.771	0.784	-1.7	63	0.00
78		Pyrene	1.707	1.483	13.1	67	0.00
79	S	Terphenyl-d14	1.344	1.178	12.4	69	0.00
80		Butylbenzylphthalate	0.523	0.616	-17.8	87	0.00
81		Benzo(a)anthracene	1.339	1.274	4.9	77	0.00
82		3,3'-Dichlorobenzidine	0.446	0.430	3.6	77	0.00
83		Chrysene	1.204	1.200	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.860	-8.7	84	0.00
85	c	Di-n-octyl phthalate	1.434	1.441	-0.5	80	0.00
86	I	Perylene-d12	1.000	1.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.357	3.8	73	0.00
88		Benzo(b)fluoranthene	1.222	1.277	-4.5	84	0.00
89		Benzo(k)fluoranthene	1.090	0.998	8.4	67	0.00
90	C	Benzo(a)pyrene	1.126	1.108	1.6	75	0.00
91		Dibenzo(a,h)anthracene	1.148	1.110	3.3	73	0.00
92		Benzo(g,h,i)perylene	1.110	1.097	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	58	0.00
2		1,4-Dioxane	40.000	39.043	2.4	57	-0.02
3		Pyridine	40.000	37.501	6.2	55	-0.01
4		n-Nitrosodimethylamine	40.000	38.857	2.9	56	-0.02
5	S	2-Fluorophenol	80.000	78.697	1.6	59	0.00
6		Aniline	40.000	37.330	6.7	55	0.00
7	S	Phenol-d6	80.000	76.594	4.3	57	0.00
8		2-Chlorophenol	40.000	39.203	2.0	58	0.00
9		Benzaldehyde	40.000	35.749	10.6	43	0.00
10	C	Phenol	40.000	39.837	0.4	59	0.00
11		bis(2-Chloroethyl)ether	40.000	37.812	5.5	56	0.00
12		1,3-Dichlorobenzene	40.000	40.124	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	40.000	39.792	0.5	59	0.00
14		1,2-Dichlorobenzene	40.000	40.116	-0.3	60	0.00
15		Benzyl Alcohol	40.000	38.639	3.4	56	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.612	6.0	56	0.00
17		2-Methylphenol	40.000	38.282	4.3	57	0.00
18		Hexachloroethane	40.000	41.296	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.393	9.0	55	0.00
20		3+4-Methylphenols	40.000	39.051	2.4	57	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	57	0.00
22		Acetophenone	40.000	38.853	2.9	57	0.00
23	S	Nitrobenzene-d5	80.000	81.332	-1.7	58	0.00
24		Nitrobenzene	40.000	40.321	-0.8	57	0.00
25		Isophorone	40.000	37.791	5.5	55	0.00
26	C	2-Nitrophenol	40.000	44.072	-10.2	59	0.00
27		2,4-Dimethylphenol	40.000	38.169	4.6	55	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.737	5.7	55	0.00
29	C	2,4-Dichlorophenol	40.000	39.391	1.5	57	0.00
30		1,2,4-Trichlorobenzene	40.000	40.763	-1.9	59	0.00
31		Naphthalene	40.000	39.723	0.7	58	0.00
32		Benzoic acid	40.000	41.627	-4.1	60	0.00
33		4-Chloroaniline	40.000	38.259	4.4	56	0.00
34	C	Hexachlorobutadiene	40.000	40.960	-2.4	59	0.00
35		Caprolactam	40.000	40.895	-2.2	56	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.764	3.1	56	0.00
37		2-Methylnaphthalene	40.000	39.580	1.1	58	0.00
38		1-Methylnaphthalene	40.000	39.872	0.3	58	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.956	0.1	59	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.082	-5.2	60	0.00
42	S	2,4,6-Tribromophenol	80.000	78.251	2.2	54	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.625	3.4	57	0.00
44		2,4,5-Trichlorophenol	40.000	40.211	-0.5	56	0.00
45	S	2-Fluorobiphenyl	80.000	79.441	0.7	60	0.00
46		1,1'-Biphenyl	40.000	39.454	1.4	58	0.00
47		2-Chloronaphthalene	40.000	38.957	2.6	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.188	-3.0	56	0.00
49		Acenaphthylene	40.000	38.989	2.5	57	0.00
50		Dimethylphthalate	40.000	39.503	1.2	57	0.00
51		2,6-Dinitrotoluene	40.000	41.014	-2.5	55	0.00
52	C	Acenaphthene	40.000	39.605	1.0	58	0.00
53		3-Nitroaniline	40.000	41.423	-3.6	57	0.00
54	P	2,4-Dinitrophenol	40.000	43.601	-9.0	66	0.00
55		Dibenzofuran	40.000	39.327	1.7	58	0.00
56	P	4-Nitrophenol	40.000	41.556	-3.9	55	0.00
57		2,4-Dinitrotoluene	40.000	43.429	-8.6	58	0.00
58		Fluorene	40.000	39.871	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	35.835	10.4	50	0.00
60		Diethylphthalate	40.000	39.593	1.0	57	0.00
61		4-Chlorophenyl-phenylether	40.000	40.030	-0.1	59	0.00
62		4-Nitroaniline	40.000	43.376	-8.4	58	0.00
63		Azobenzene	40.000	38.867	2.8	56	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.322	-3.3	62	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.925	5.2	57	0.00
67		4-Bromophenyl-phenylether	40.000	38.488	3.8	57	0.00
68		Hexachlorobenzene	40.000	39.109	2.2	58	0.00
69		Atrazine	40.000	42.107	-5.3	59	0.00
70	C	Pentachlorophenol	40.000	36.572	8.6	52	0.00
71		Phenanthrene	40.000	39.306	1.7	58	0.00
72		Anthracene	40.000	39.761	0.6	59	0.00
73		Carbazole	40.000	41.500	-3.8	60	0.00
74		Di-n-butylphthalate	40.000	44.219	-10.5	63	0.00
75	C	Fluoranthene	40.000	44.615	-11.5	65	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77		Benzidine	40.000	40.712	-1.8	63	0.00
78		Pyrene	40.000	34.761	13.1	67	0.00
79	S	Terphenyl-d14	80.000	70.144	12.3	69	0.00
80		Butylbenzylphthalate	40.000	47.140	-17.9	87	0.00
81		Benzo(a)anthracene	40.000	38.065	4.8	77	0.00
82		3,3'-Dichlorobenzidine	40.000	38.576	3.6	77	0.00
83		Chrysene	40.000	39.878	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.463	-8.7	84	0.00
85	c	Di-n-octyl phthalate	40.000	40.193	-0.5	80	0.00
86	I	Perylene-d12	20.000	20.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.487	3.8	73	0.00
88		Benzo(b)fluoranthene	40.000	41.819	-4.5	84	0.00
89		Benzo(k)fluoranthene	40.000	36.623	8.4	67	0.00
90	C	Benzo(a)pyrene	40.000	39.377	1.6	75	0.00
91		Dibenzo(a,h)anthracene	40.000	38.668	3.3	73	0.00
92		Benzo(g,h,i)perylene	40.000	39.524	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q2641

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 11:22

Lab File ID: BP025219.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.188	1.182		-0.5	
2-Fluorophenol	1.184	1.179		-0.4	
Phenol-d6	1.466	1.476		0.7	
1,4-Dichlorobenzene	1.525	1.514		-0.7	20.0
2-Methylphenol	1.054	1.073		1.8	
3+4-Methylphenols	1.438	1.469		2.2	
Nitrobenzene-d5	0.360	0.360		0.0	
Hexachloroethane	0.524	0.519		-1.0	
Nitrobenzene	0.321	0.322		0.3	
Hexachlorobutadiene	0.208	0.203		-2.4	20.0
2,4,6-Trichlorophenol	0.410	0.416		1.5	20.0
2-Fluorobiphenyl	1.419	1.437		1.3	
2,4,5-Trichlorophenol	0.451	0.455		0.9	
2,4-Dinitrotoluene	0.435	0.448		3.0	
2,4,6-Tribromophenol	0.295	0.297		0.7	
Hexachlorobenzene	0.277	0.268		-3.2	
Pentachlorophenol	0.188	0.185		-1.6	20.0
Terphenyl-d14	1.013	1.053		3.9	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	466387	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1926823	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1245962	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2530825	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2561119	20.000	ng		0.01
86) Perylene-d12	24.471	264	3092373	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2199993	79.702	ng		0.00
7) Phenol-d6	6.643	99	2753956	80.555	ng		0.00
23) Nitrobenzene-d5	8.572	82	2777598	80.111	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	1479896	80.568	ng		-0.01
45) 2-Fluorobiphenyl	12.684	172	7160639	81.023	ng		0.00
79) Terphenyl-d14	19.666	244	10791584	83.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	412440	39.868	ng		99
3) Pyridine	3.496	79	1102898	39.826	ng		99
4) n-Nitrosodimethylamine	3.408	42	435541	39.659	ng		97
6) Aniline	6.778	93	1820779	40.744	ng		100
8) 2-Chlorophenol	7.014	128	1259286	40.208	ng		98
9) Benzaldehyde	6.596	77	897525	38.721	ng		99
10) Phenol	6.666	94	1433985	40.446	ng		100
11) bis(2-Chloroethyl)ether	6.884	93	1096307	40.333	ng		98
12) 1,3-Dichlorobenzene	7.325	146	1385370	39.335	ng		100
13) 1,4-Dichlorobenzene	7.472	146	1412217	39.724	ng		100
14) 1,2-Dichlorobenzene	7.778	146	1364981	39.912	ng		100
15) Benzyl Alcohol	7.672	79	1008558	40.898	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1372323	39.458	ng		99
17) 2-Methylphenol	7.884	107	1000788	40.716	ng		99
18) Hexachloroethane	8.490	117	484449	39.625	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	851504	41.403	ng		99
20) 3+4-Methylphenols	8.208	107	1370088	40.863	ng		99
22) Acetophenone	8.243	105	1785923	39.833	ng	#	99
24) Nitrobenzene	8.613	77	1239014	40.088	ng		98
25) Isophorone	9.137	82	2424147	39.759	ng		100
26) 2-Nitrophenol	9.308	139	724511	40.821	ng		99
27) 2,4-Dimethylphenol	9.384	122	1188270	40.011	ng		99
28) bis(2-Chloroethoxy)met...	9.613	93	1510070	39.596	ng		100
29) 2,4-Dichlorophenol	9.849	162	1223755	40.108	ng		100
30) 1,2,4-Trichlorobenzene	10.049	180	1296178	38.895	ng		99
31) Naphthalene	10.231	128	3930225	39.861	ng		99
32) Benzoic acid	9.537	122	872453	38.480	ng		97
33) 4-Chloroaniline	10.343	127	1757797	40.557	ng		99
34) Hexachlorobutadiene	10.525	225	783786	39.076	ng		100
35) Caprolactam	11.131	113	406774	40.170	ng		96
36) 4-Chloro-3-methylphenol	11.484	107	1238843	40.618	ng		100
37) 2-Methylnaphthalene	11.849	142	2540259	39.677	ng		99
38) 1-Methylnaphthalene	12.072	142	2687973	39.968	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1491819	39.944	ng		100
41) Hexachlorocyclopentadiene	12.213	237	940689	42.194	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	1035854	40.592	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

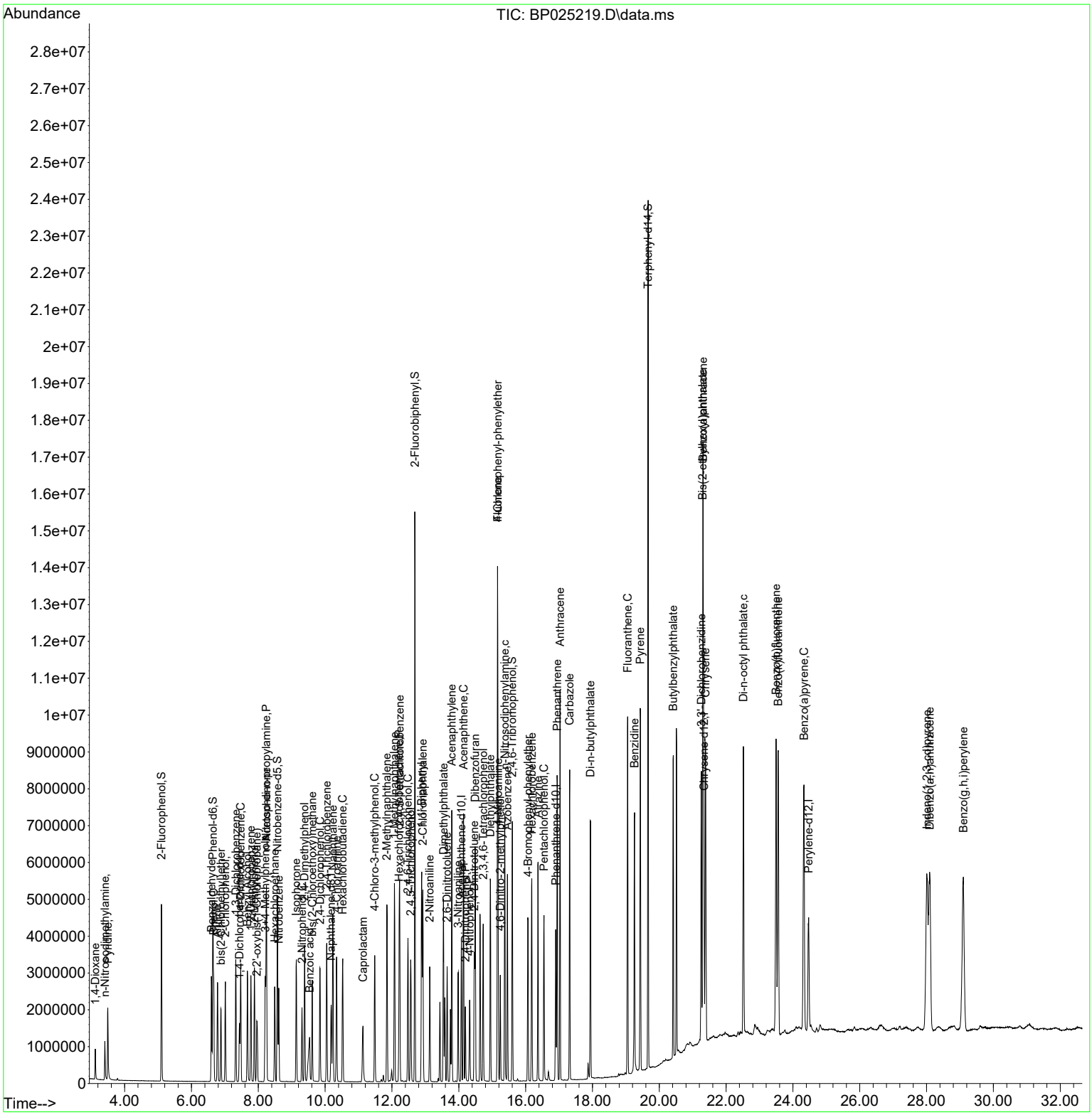
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1133949	40.380	ng	98
46) 1,1'-Biphenyl	12.890	154	3638037	40.278	ng	99
47) 2-Chloronaphthalene	12.925	162	2827609	40.098	ng	100
48) 2-Nitroaniline	13.131	65	746854	41.473	ng	98
49) Acenaphthylene	13.790	152	4622988	40.533	ng	99
50) Dimethylphthalate	13.543	163	3559355	39.945	ng	99
51) 2,6-Dinitrotoluene	13.648	165	784404	40.513	ng	95
52) Acenaphthene	14.143	154	2639356	40.018	ng	100
53) 3-Nitroaniline	13.984	138	874904	40.071	ng	97
54) 2,4-Dinitrophenol	14.195	184	475756	41.472	ng	99
55) Dibenzofuran	14.490	168	4268397	40.066	ng	99
56) 4-Nitrophenol	14.325	139	755490	40.436	ng	98
57) 2,4-Dinitrotoluene	14.460	165	1117080	41.217	ng	99
58) Fluorene	15.160	166	3432050	40.579	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1007317	40.533	ng	100
60) Diethylphthalate	14.948	149	3514021	40.011	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1706307	39.925	ng	97
62) 4-Nitroaniline	15.178	138	917496	41.319	ng	98
63) Azobenzene	15.454	77	2868934	40.086	ng	99
65) 4,6-Dinitro-2-methylph...	15.243	198	672511	41.175	ng	98
66) n-Nitrosodiphenylamine	15.378	169	3005446	39.125	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1156900	39.169	ng	100
68) Hexachlorobenzene	16.184	284	1357253	38.695	ng	98
69) Atrazine	16.372	200	1119581	39.387	ng	98
70) Pentachlorophenol	16.548	266	938309	39.338	ng	99
71) Phenanthrene	16.942	178	5343916	39.150	ng	100
72) Anthracene	17.031	178	5419810	39.414	ng	100
73) Carbazole	17.319	167	5140047	39.157	ng	100
74) Di-n-butylphthalate	17.942	149	6265773	41.369	ng	100
75) Fluoranthene	19.054	202	6314252	39.305	ng	99
77) Benzidine	19.260	184	4005958	44.552	ng	99
78) Pyrene	19.431	202	6501312	41.170	ng	99
80) Butylbenzylphthalate	20.419	149	2874425	40.212	ng	98
81) Benzo(a)anthracene	21.313	228	6449789	39.878	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	2671574	39.849	ng	99
83) Chrysene	21.383	228	6158415	40.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4064933	39.770	ng	100
85) Di-n-octyl phthalate	22.519	149	7275962	41.223	ng	99
87) Indeno(1,2,3-cd)pyrene	28.007	276	9114238	40.332	ng	96
88) Benzo(b)fluoranthene	23.495	252	6930203	39.151	ng	99
89) Benzo(k)fluoranthene	23.560	252	6903516	39.505	ng	99
90) Benzo(a)pyrene	24.330	252	6819808	39.488	ng	100
91) Dibenzo(a,h)anthracene	28.095	278	7466678	40.499	ng	99
92) Benzo(g,h,i)perylene	29.101	276	7287179	40.219	ng	99

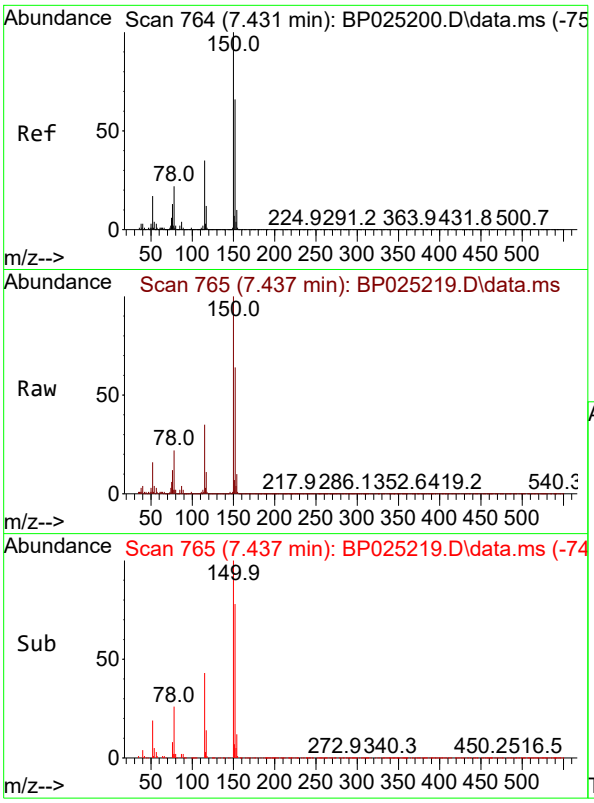
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



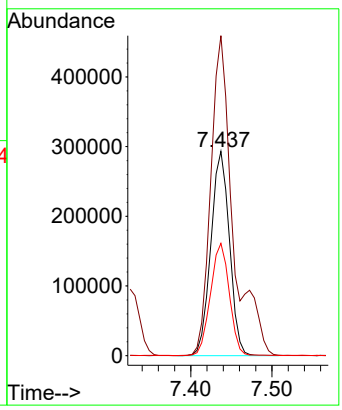


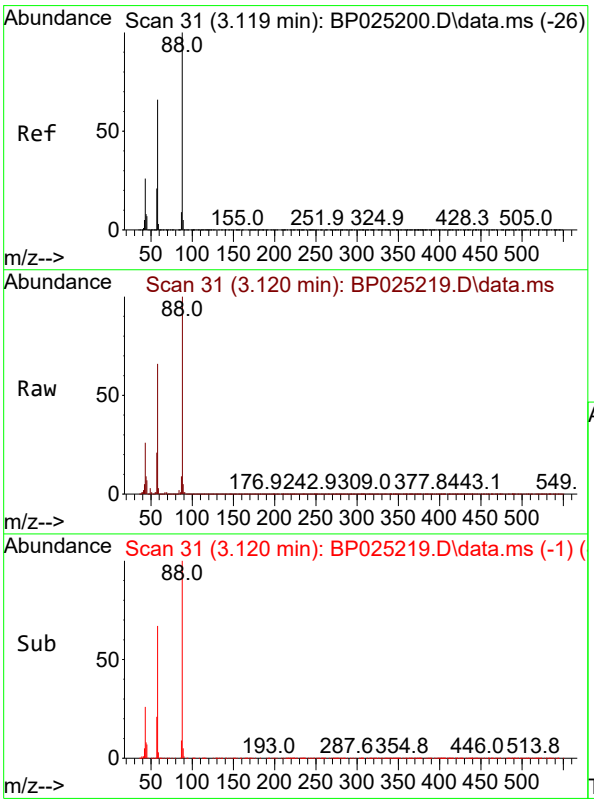
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 466387

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.9	182.9
115	55.0	43.0	64.6

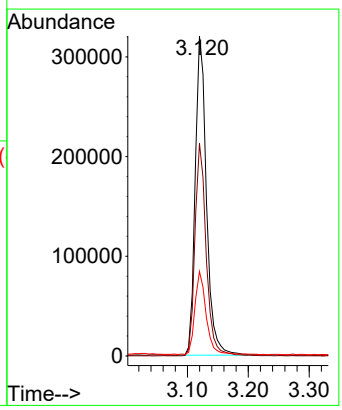


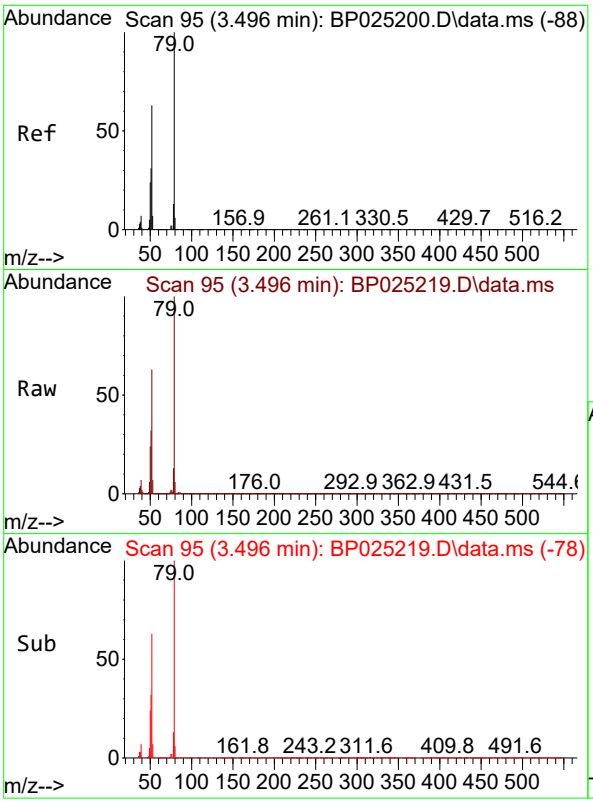


#2
1,4-Dioxane
Concen: 39.868 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 88 Resp: 412440

Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.5	80.3
43	26.5	20.8	31.2



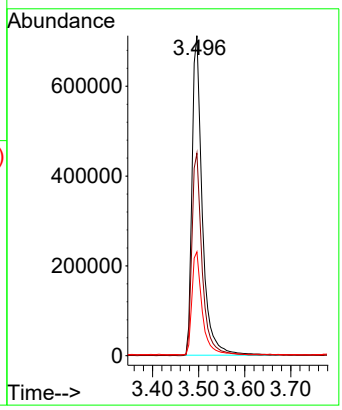


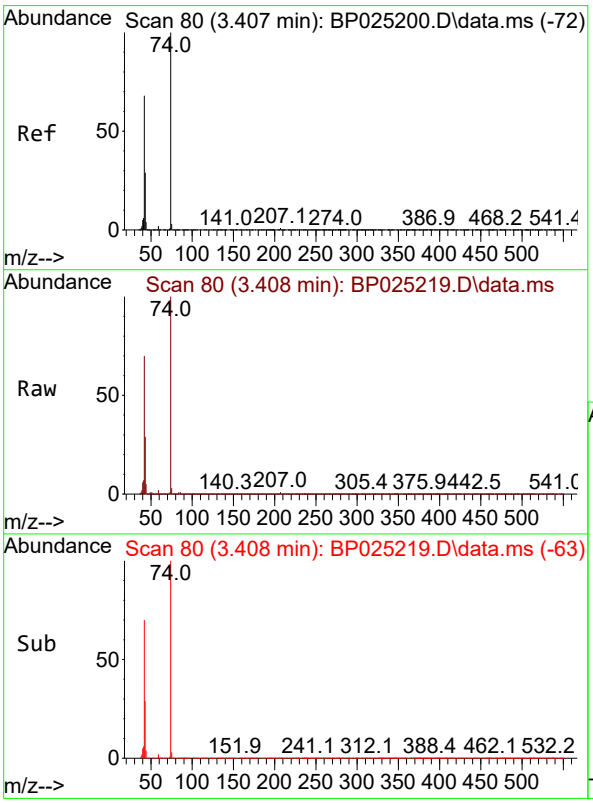
#3
Pyridine
Concen: 39.826 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1102898

Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	32.4	25.0	37.4

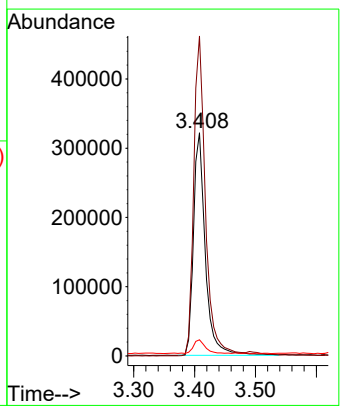


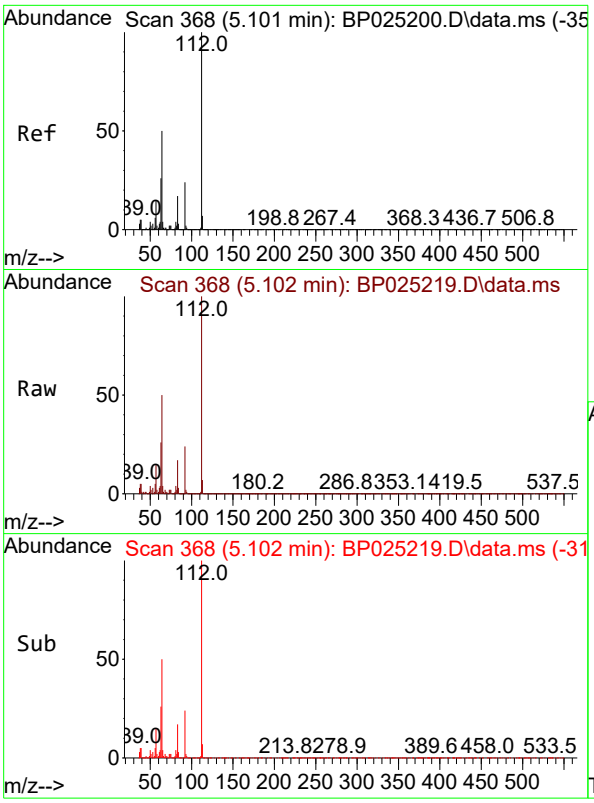


#4
n-Nitrosodimethylamine
Concen: 39.659 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 42 Resp: 435541

Ion	Ratio	Lower	Upper
42	100		
74	143.3	118.0	177.0
44	7.2	5.5	8.3



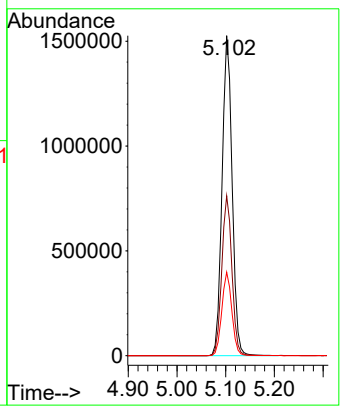


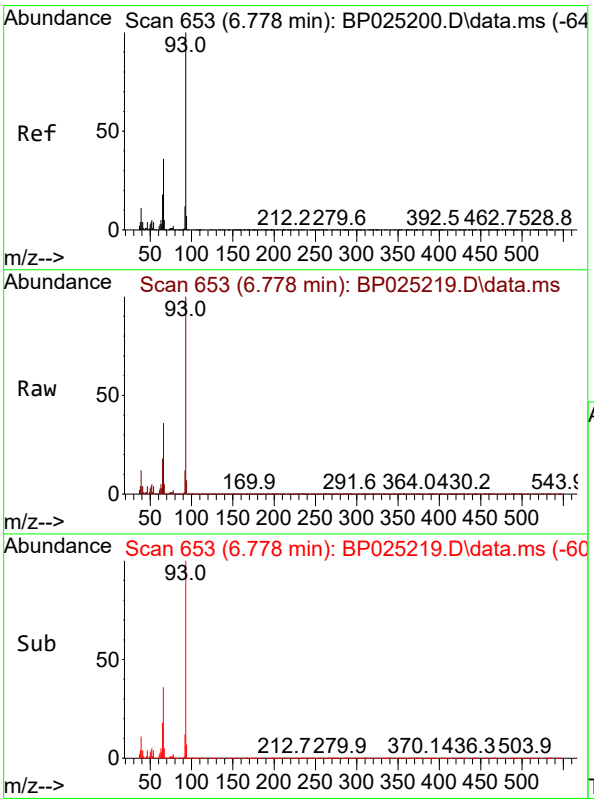
#5
2-Fluorophenol
Concen: 79.702 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2199993

Ion	Ratio	Lower	Upper
112	100		
64	50.0	39.8	59.6
63	26.1	20.5	30.7

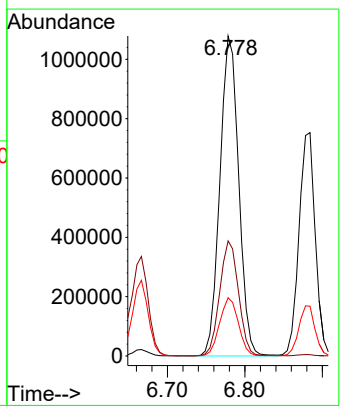


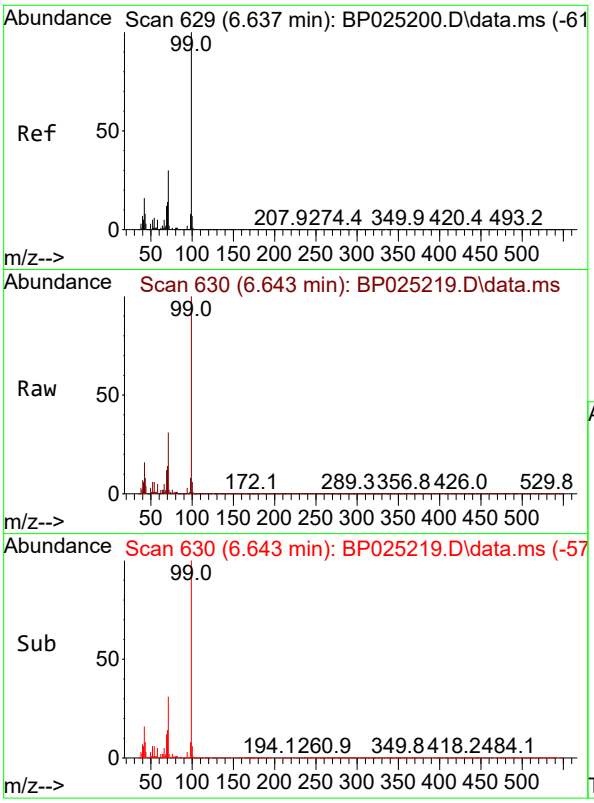


#6
Aniline
Concen: 40.744 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1820779

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.6	43.0
65	18.2	14.6	21.8



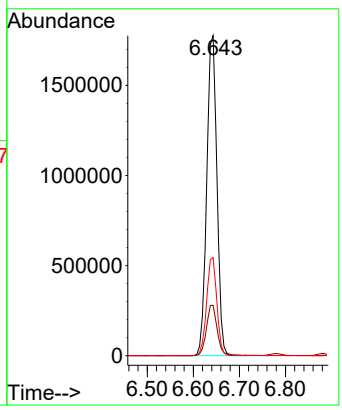


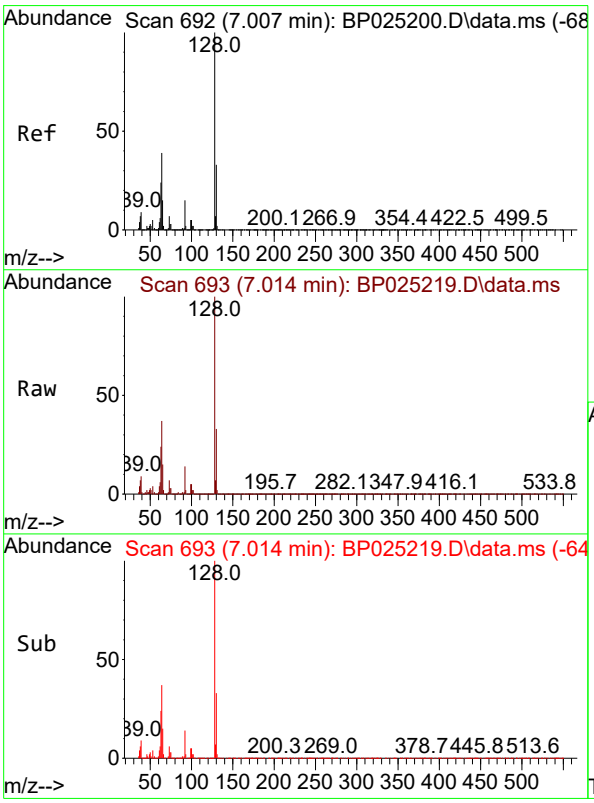
#7
Phenol-d6
Concen: 80.555 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2753956

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	30.6	24.2	36.2

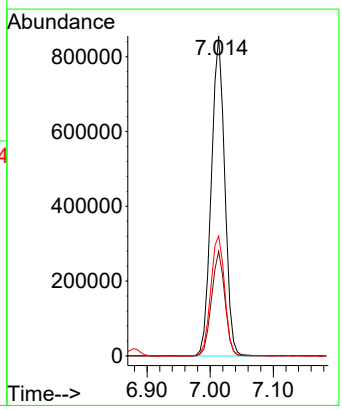


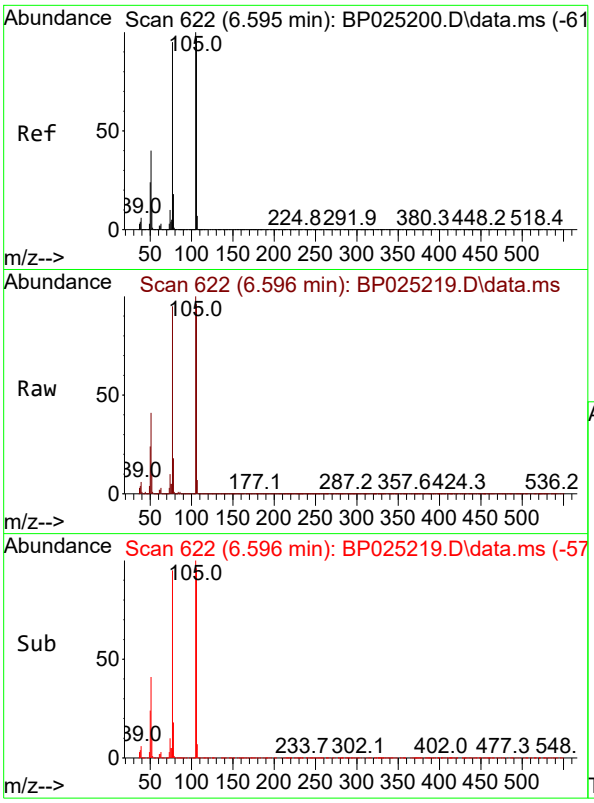


#8
2-Chlorophenol
Concen: 40.208 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:128 Resp: 1259286

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	37.5	19.2	59.2



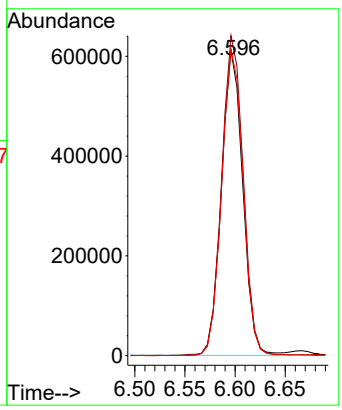


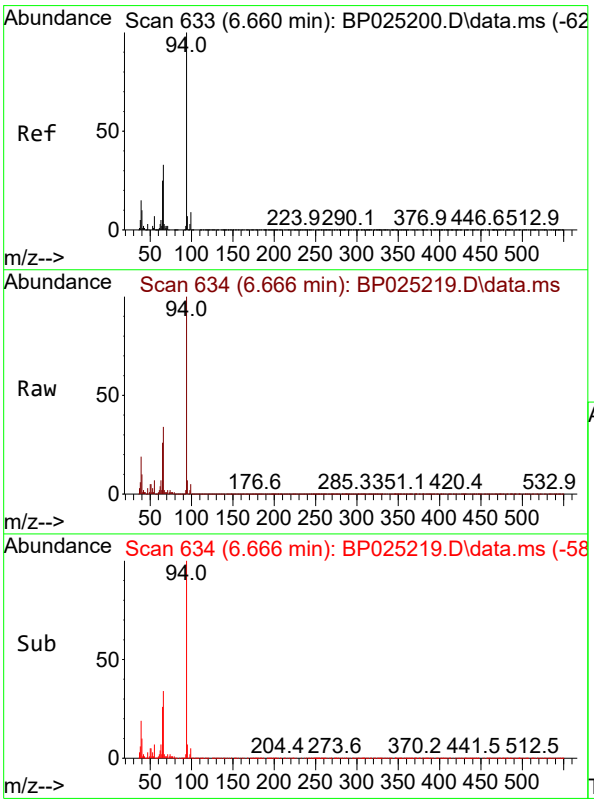
#9
Benzaldehyde
Concen: 38.721 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 897525

Ion	Ratio	Lower	Upper
77	100		
105	104.9	85.5	125.5
106	100.4	81.9	121.9

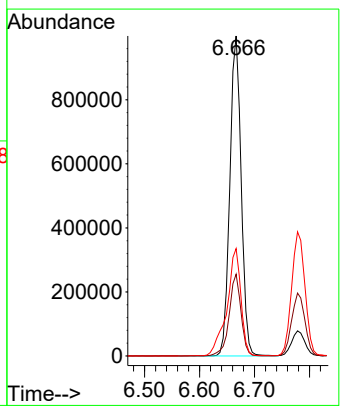


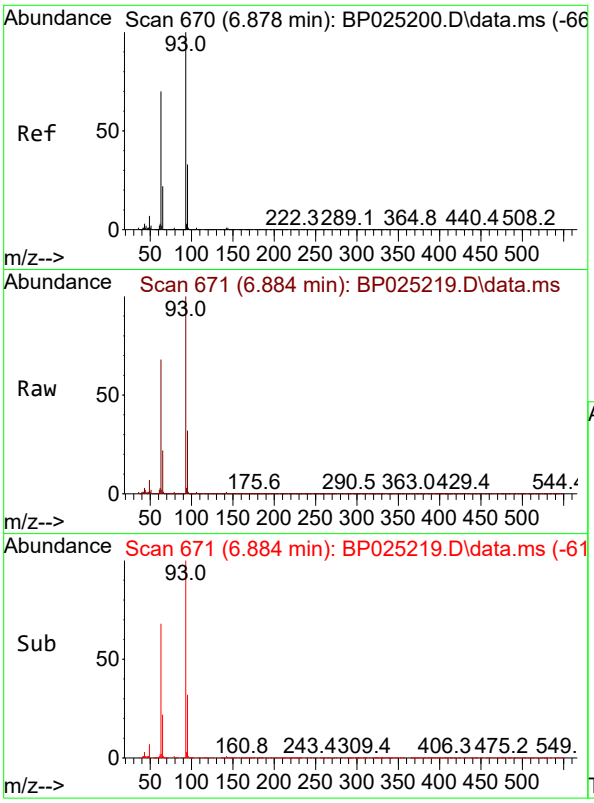


#10
Phenol
Concen: 40.446 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 94 Resp: 1433985

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.4	45.4
66	33.6	13.5	53.5



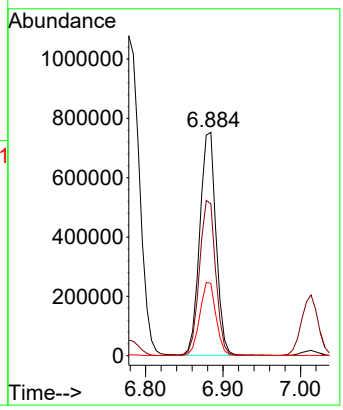


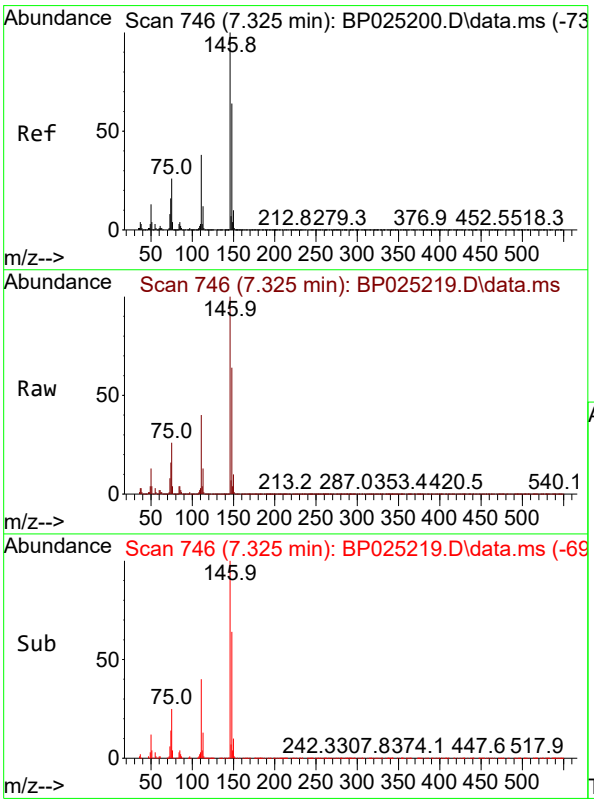
#11
bis(2-Chloroethyl)ether
Concen: 40.333 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1096307

Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.0	90.0
95	32.4	12.9	52.9

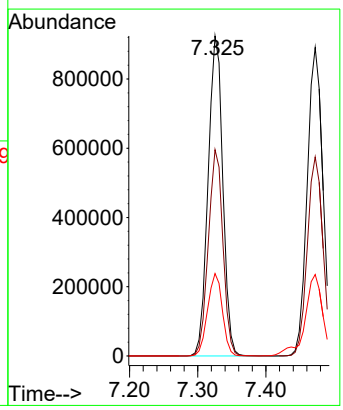


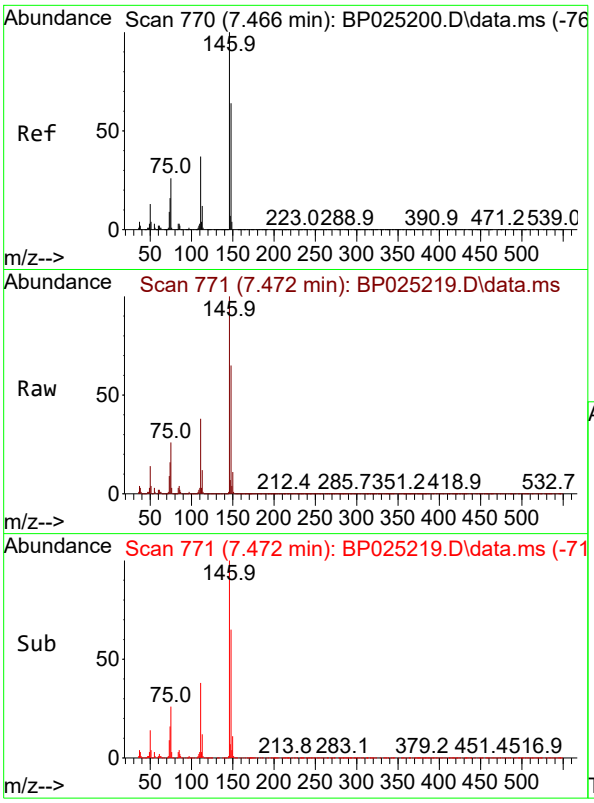


#12
1,3-Dichlorobenzene
Concen: 39.335 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1385370

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	25.8	20.6	31.0



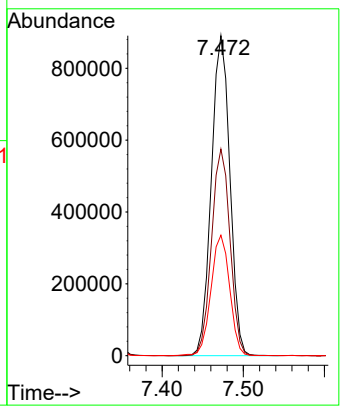


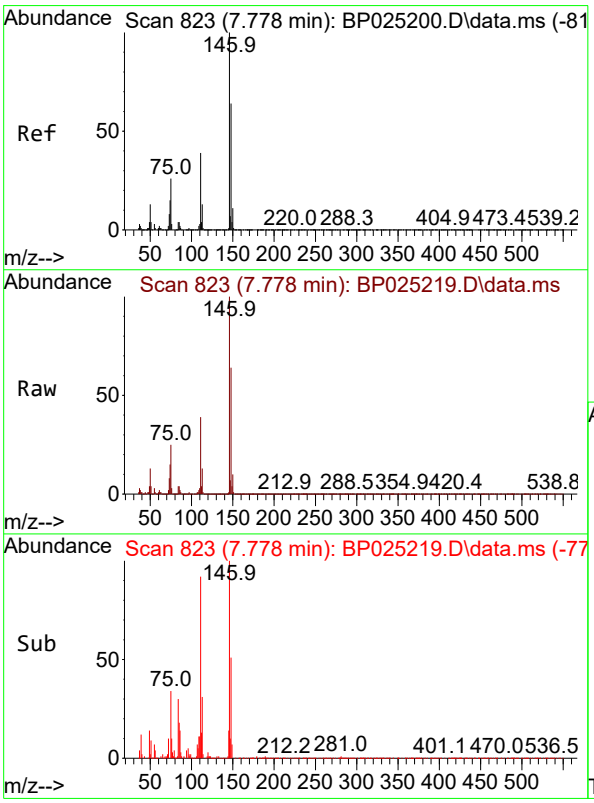
#13
1,4-Dichlorobenzene
Concen: 39.724 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1412217

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	37.6	29.9	44.9

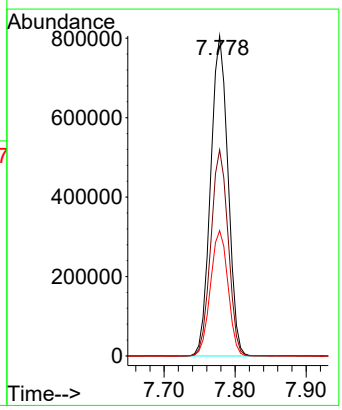


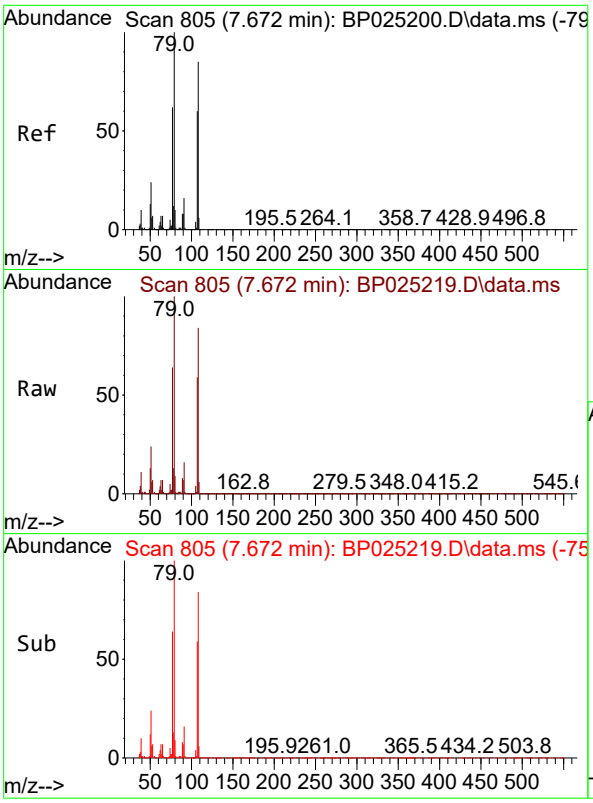


#14
1,2-Dichlorobenzene
Concen: 39.912 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1364981

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.2	31.3	46.9



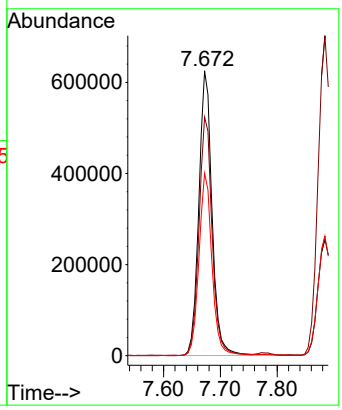


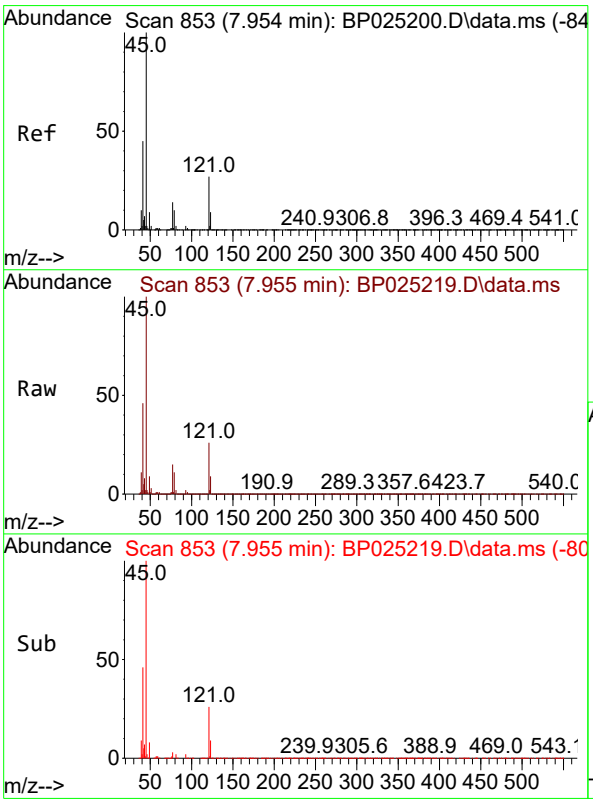
#15
Benzyl Alcohol
Concen: 40.898 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1008558

Ion	Ratio	Lower	Upper
79	100		
108	83.8	67.8	101.6
77	64.0	49.9	74.9

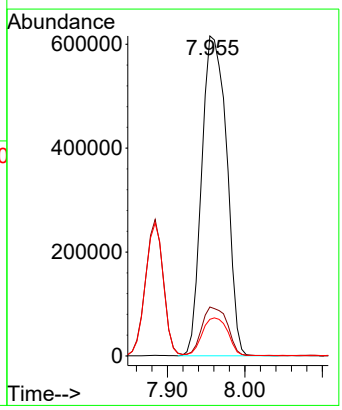


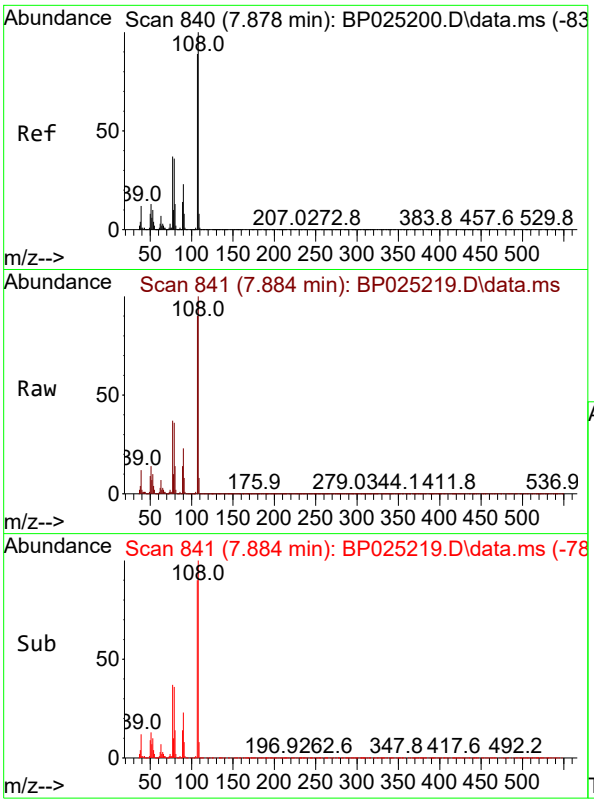


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 45 Resp: 1372323

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	36.0
79	11.4	0.0	31.7



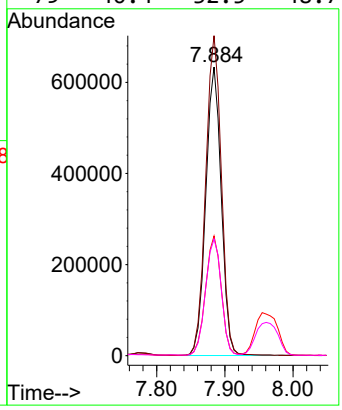


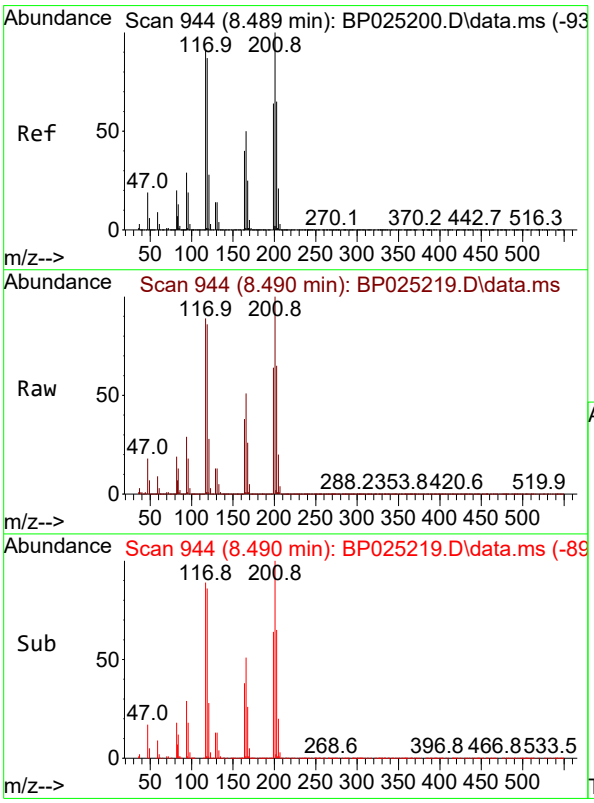
#17
2-Methylphenol
Concen: 40.716 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 1000788

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.8	134.8
77	41.5	33.2	49.8
79	40.4	32.5	48.7

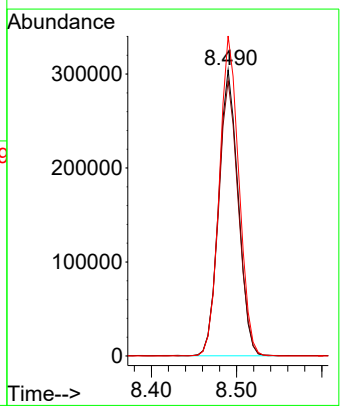


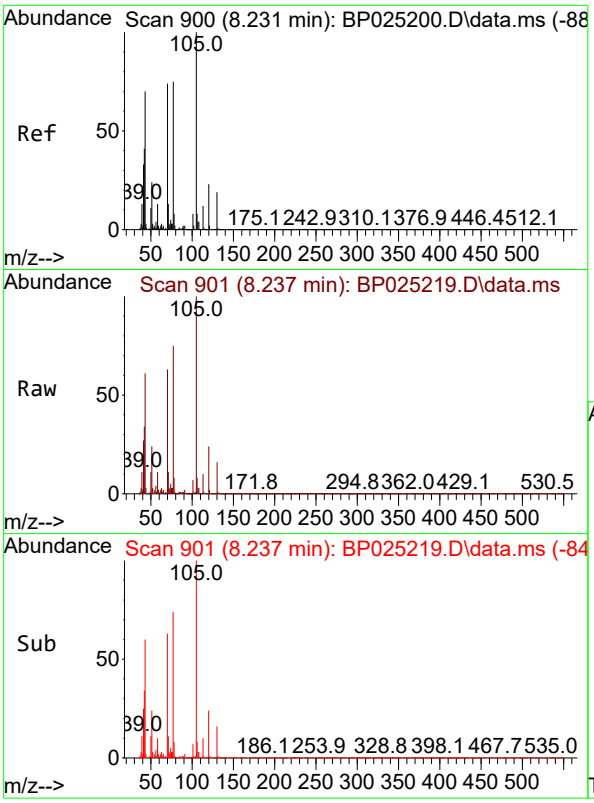


#18
Hexachloroethane
Concen: 39.625 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:117 Resp: 484449

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
201	111.9	88.3	132.5



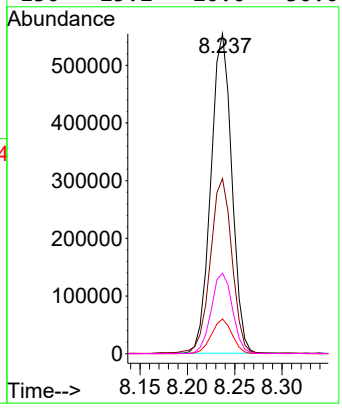


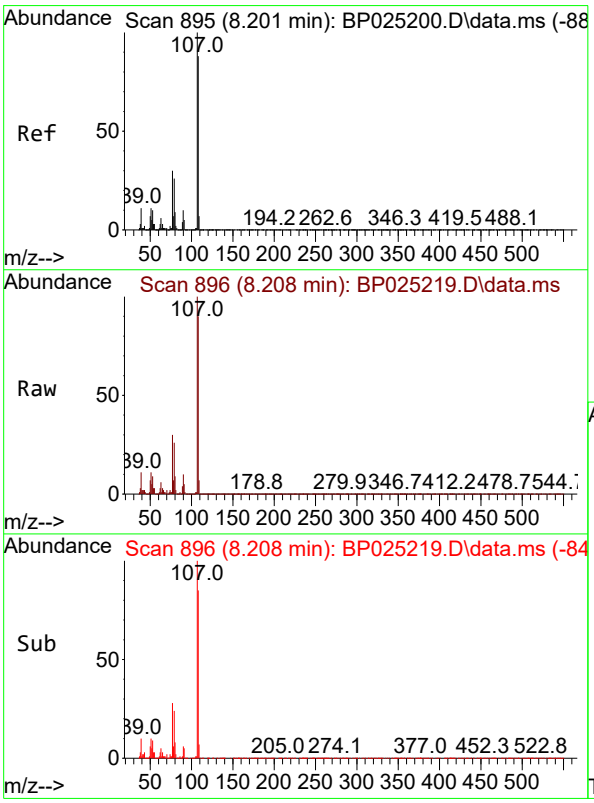
#19
n-Nitroso-di-n-propylamine
Concen: 41.403 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 851504

Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.2	66.2
101	10.9	8.6	12.8
130	25.2	20.0	30.0

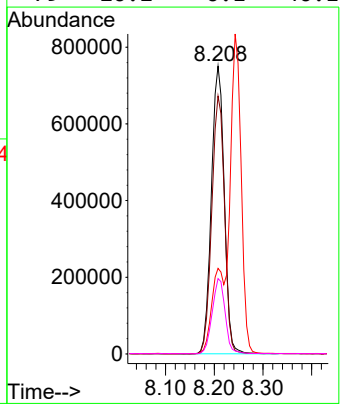


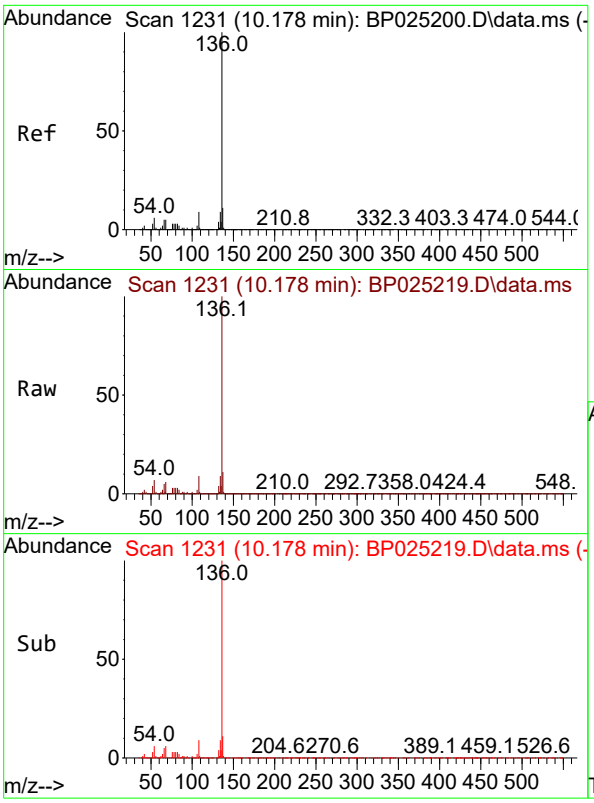


#20
3+4-Methylphenols
Concen: 40.863 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1370088

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	29.7	10.3	50.3
79	26.2	6.1	46.1



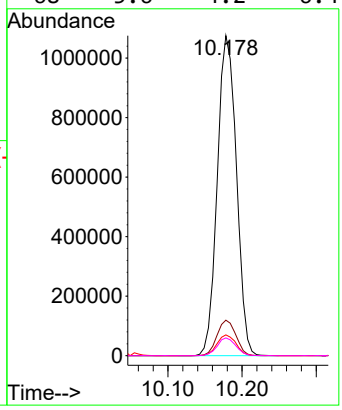


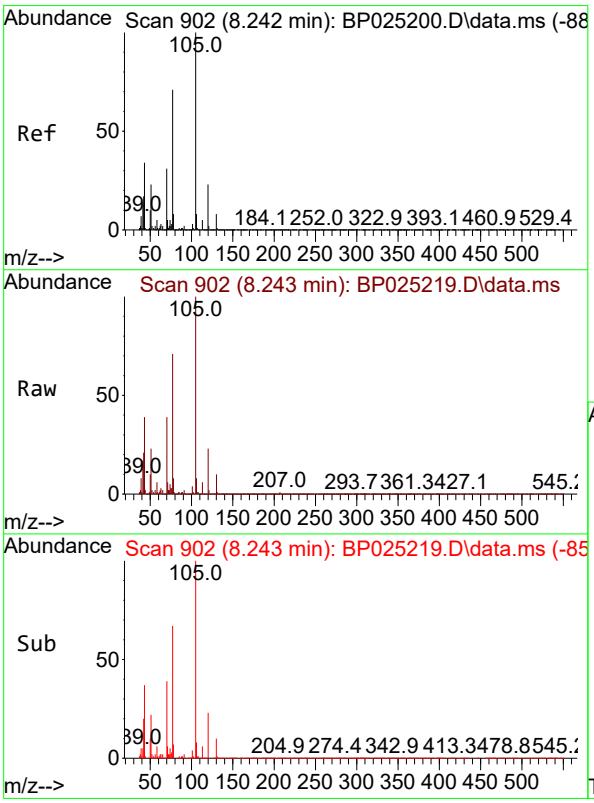
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1926823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.6	4.2	6.4

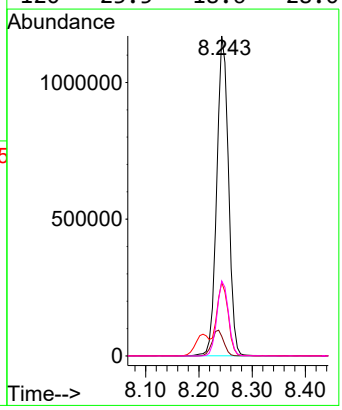


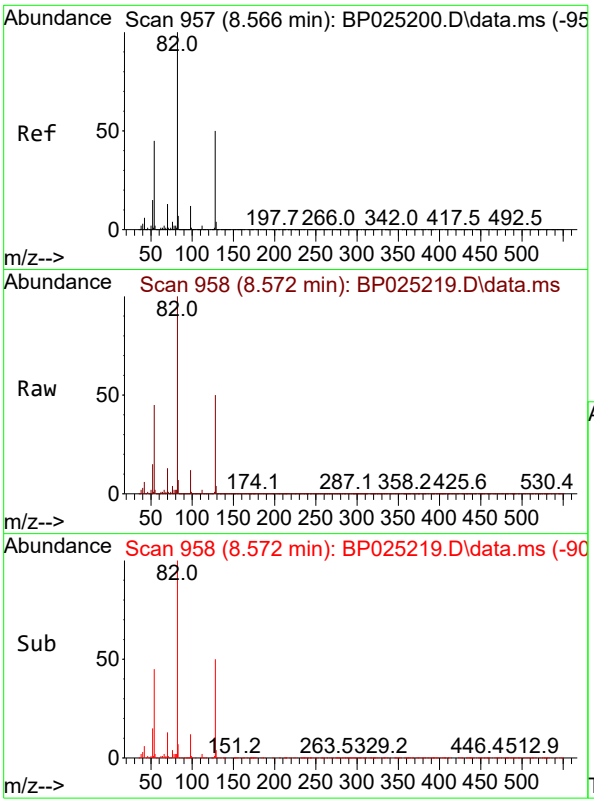


#22
Acetophenone
Concen: 39.833 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:105 Resp: 1785923

Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.1	6.1#
51	23.0	18.5	27.7
120	23.5	18.6	28.0



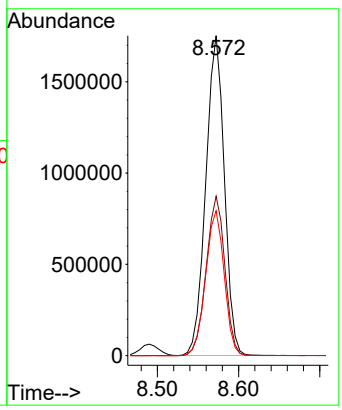


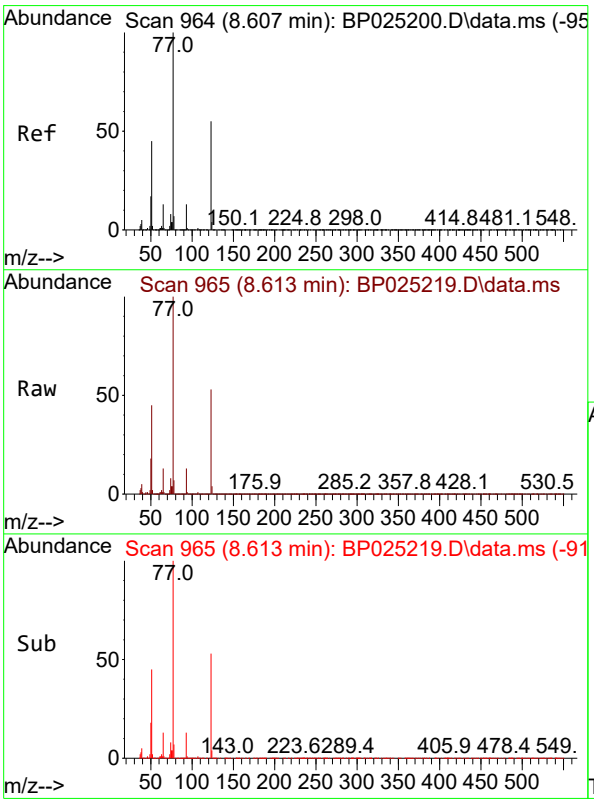
#23
Nitrobenzene-d5
Concen: 80.111 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2777598

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.2	60.4
54	45.3	36.3	54.5

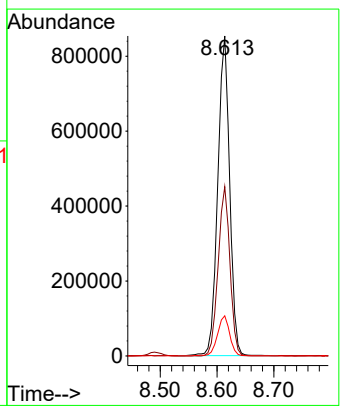


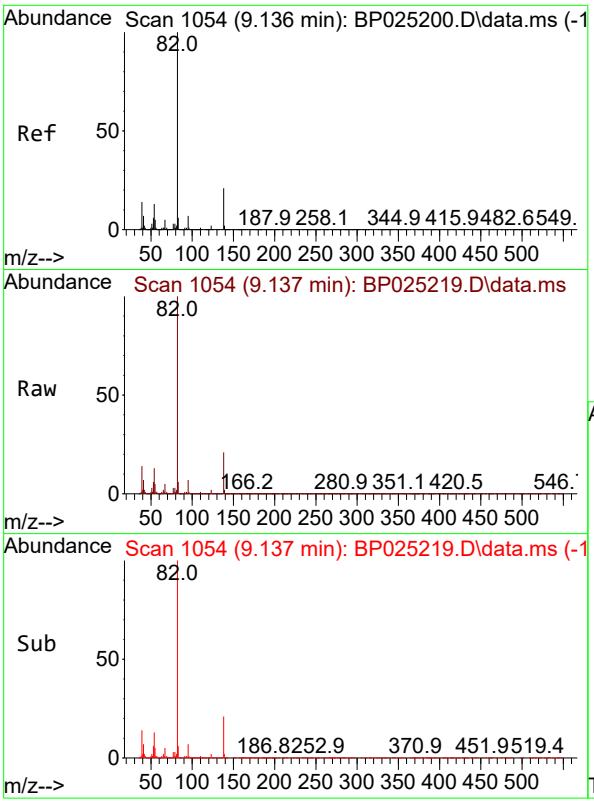


#24
Nitrobenzene
Concen: 40.088 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 77 Resp: 1239014

Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.6	65.4
65	12.5	10.2	15.2



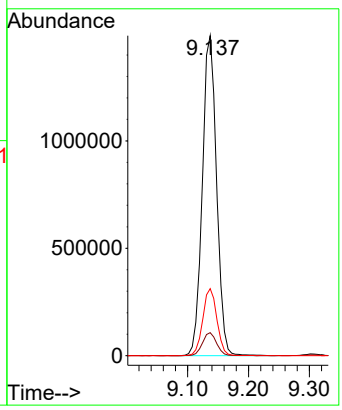


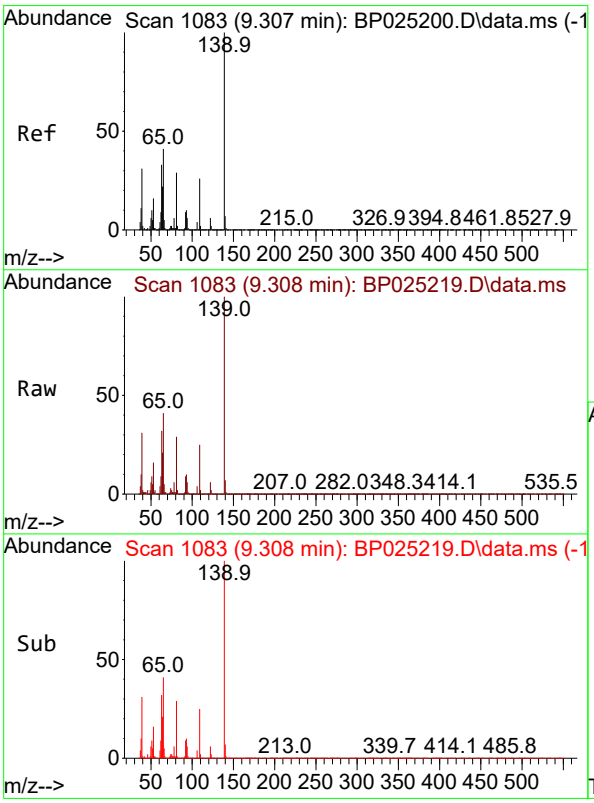
#25
Isophorone
Concen: 39.759 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2424147

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	20.9	16.6	25.0

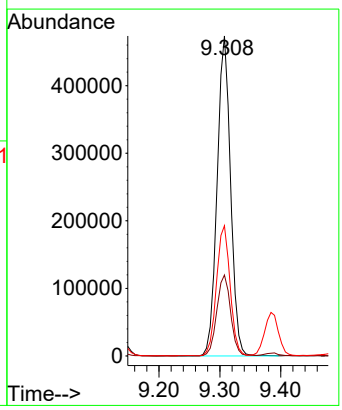


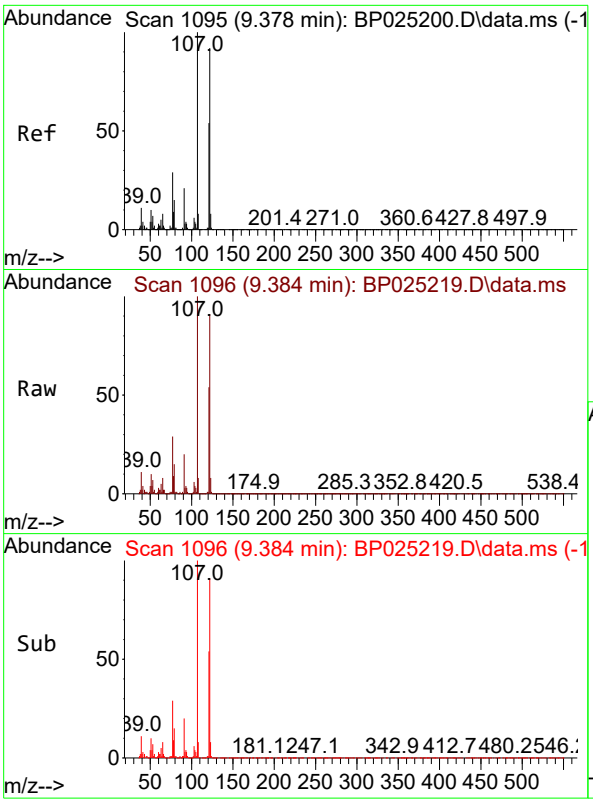


#26
2-Nitrophenol
Concen: 40.821 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 724511

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	40.7	32.7	49.1



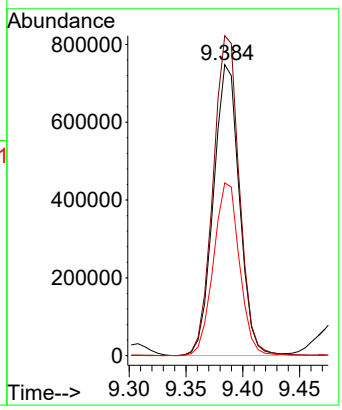


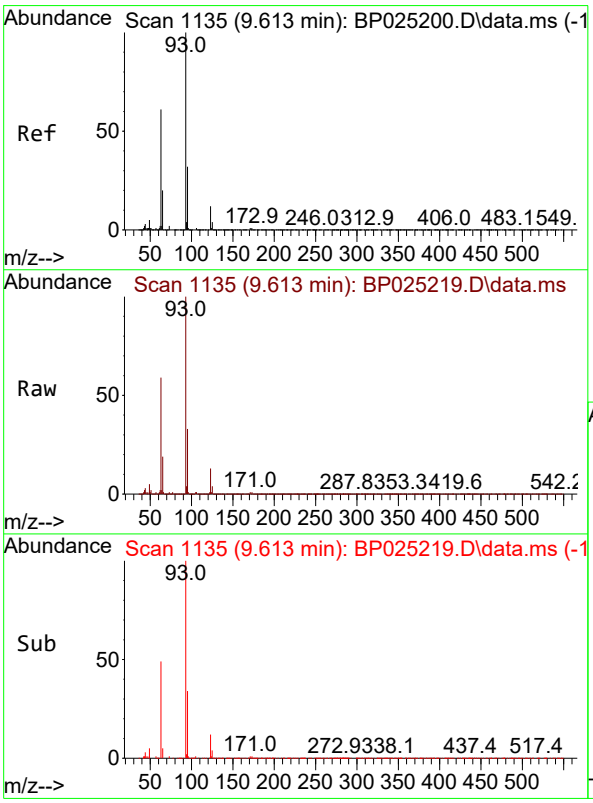
#27
2,4-Dimethylphenol
Concen: 40.011 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1188270

Ion	Ratio	Lower	Upper
122	100		
107	110.0	87.0	130.4
121	59.4	46.7	70.1

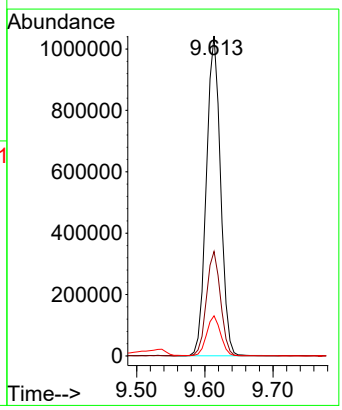


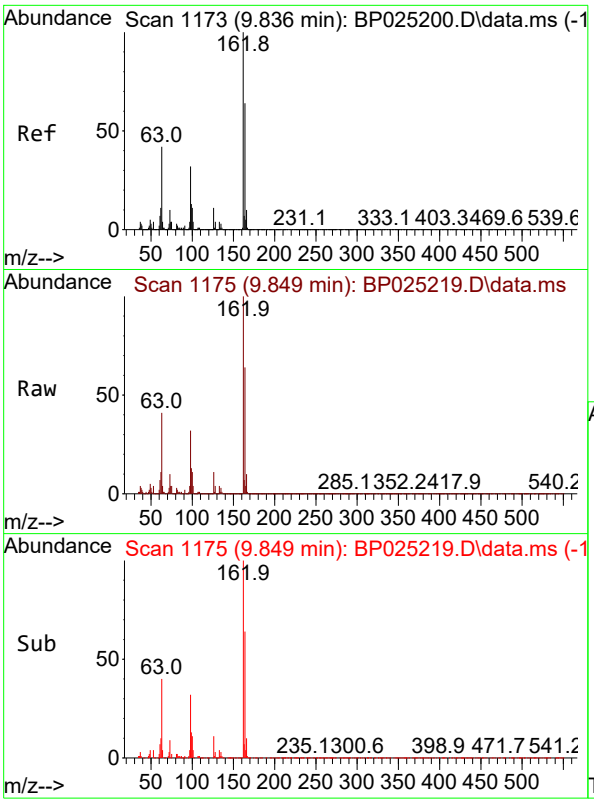


#28
bis(2-Chloroethoxy)methane
Concen: 39.596 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1510070

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.6	9.8	14.6



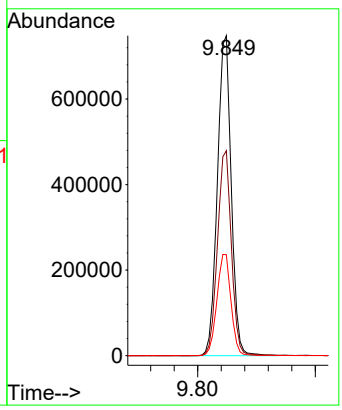


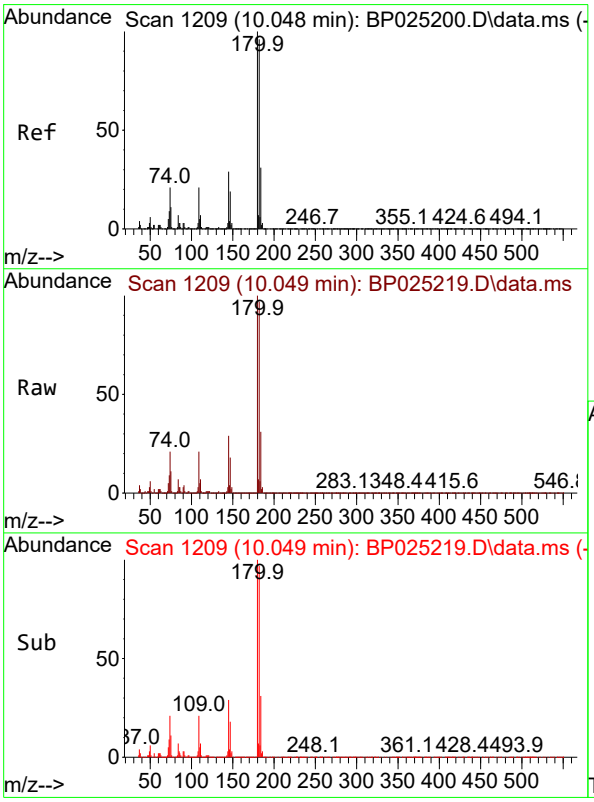
#29
2,4-Dichlorophenol
Concen: 40.108 ng
RT: 9.849 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1223755

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	31.6	11.7	51.7

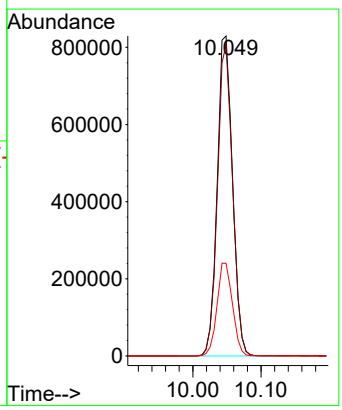


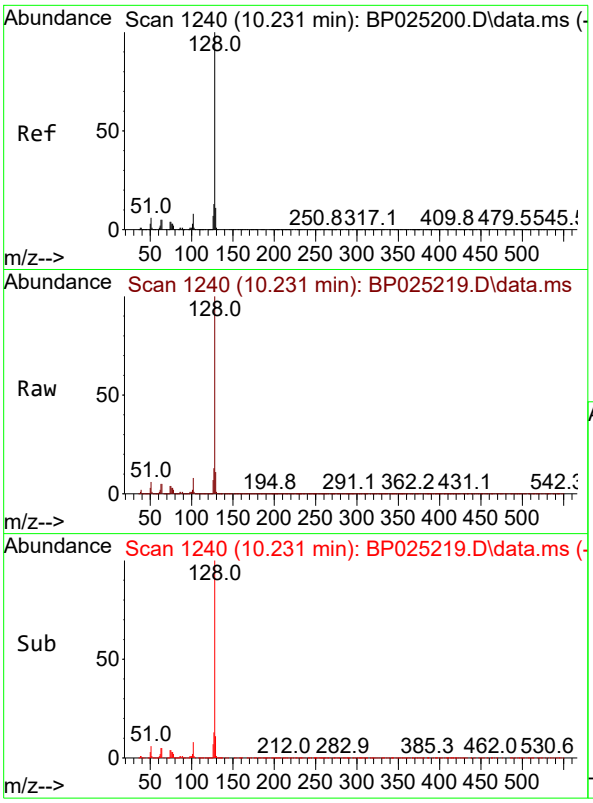


#30
1,2,4-Trichlorobenzene
Concen: 38.895 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:180 Resp: 1296178

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.7	115.1
145	28.9	23.5	35.3



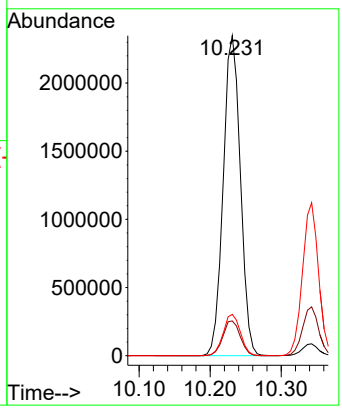


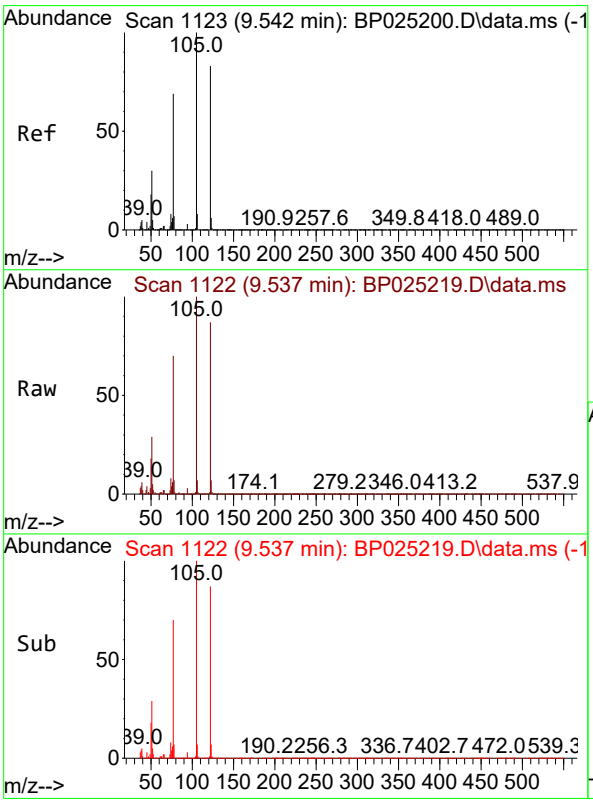
#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3930225

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.4	15.6

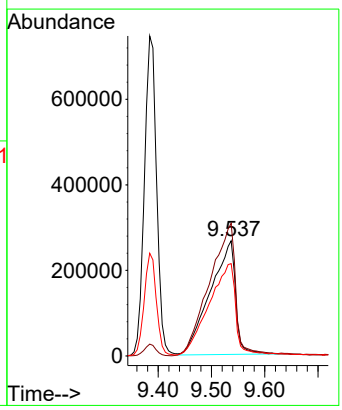


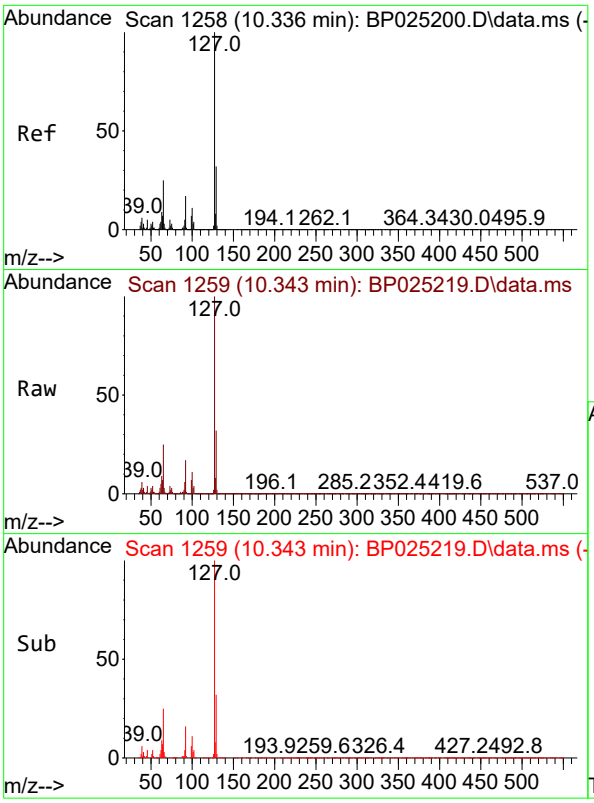


#32
Benzoic acid
Concen: 38.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:122 Resp: 872453

Ion	Ratio	Lower	Upper
122	100		
105	115.1	98.1	138.1
77	80.1	62.7	102.7



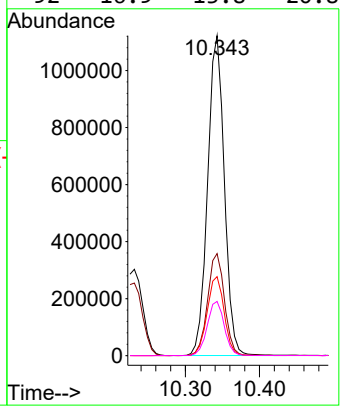


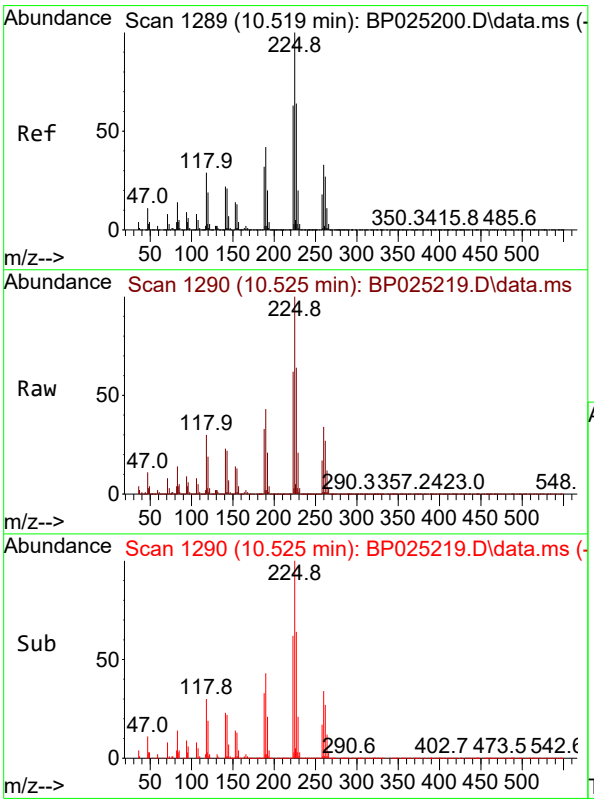
#33
4-Chloroaniline
Concen: 40.557 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1757797

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	24.7	20.2	30.4
92	16.9	13.8	20.8

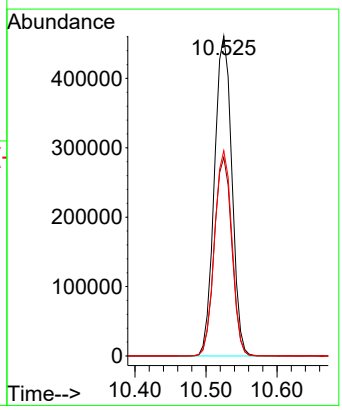


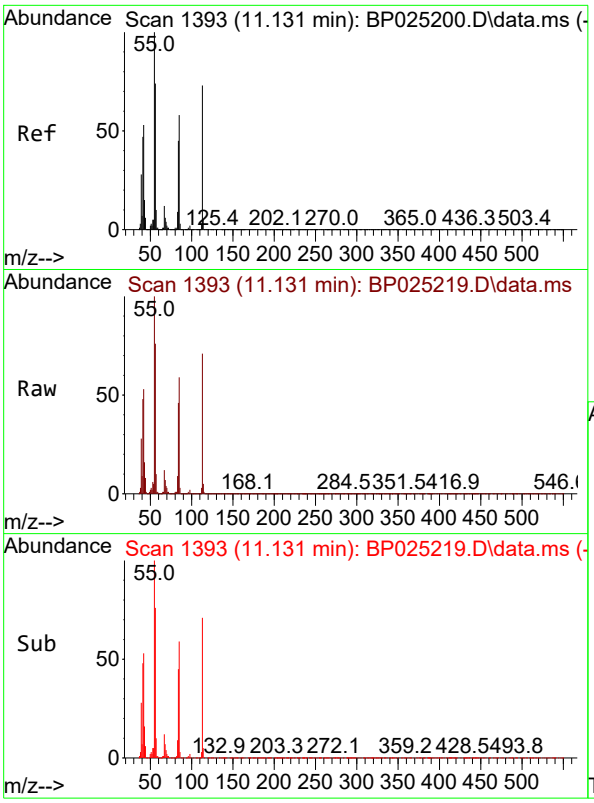


#34
Hexachlorobutadiene
Concen: 39.076 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:225 Resp: 783786

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	64.2	51.4	77.0



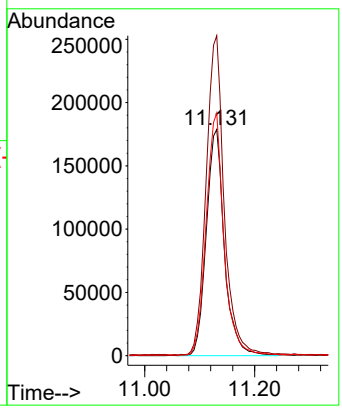


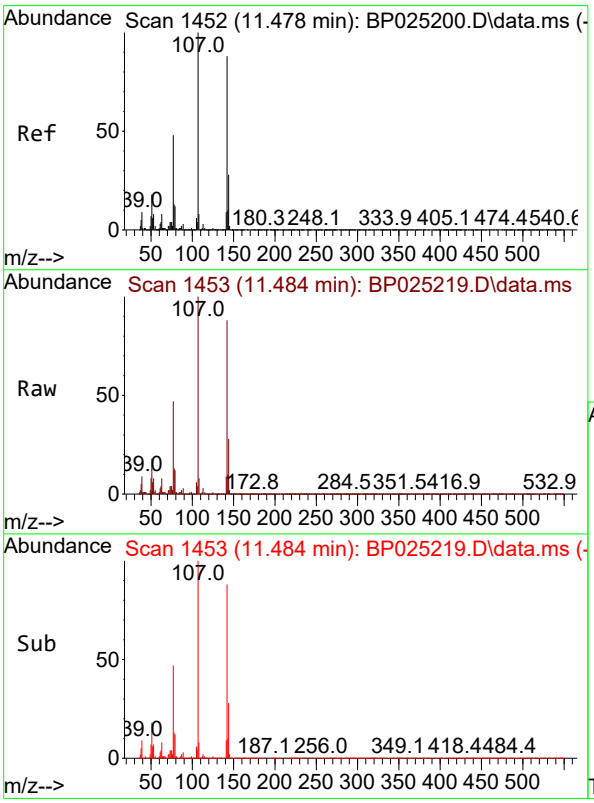
#35
Caprolactam
Concen: 40.170 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 406774

Ion	Ratio	Lower	Upper
113	100		
55	141.5	117.6	157.6
56	107.3	82.4	122.4

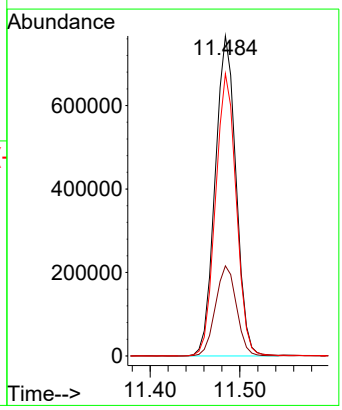


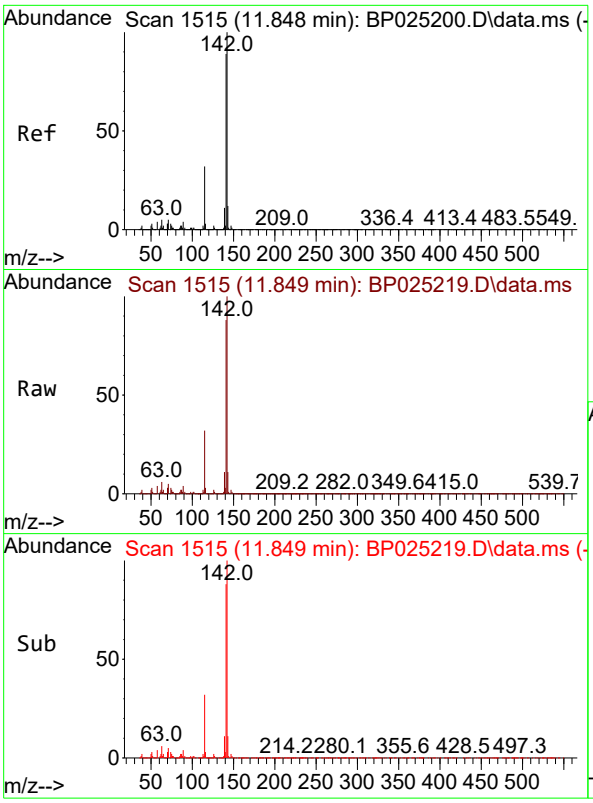


#36
4-Chloro-3-methylphenol
Concen: 40.618 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1238843

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.5	33.7
142	88.2	70.6	105.8



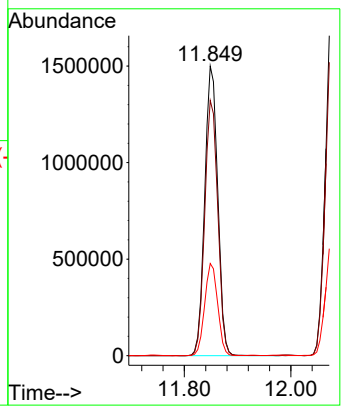


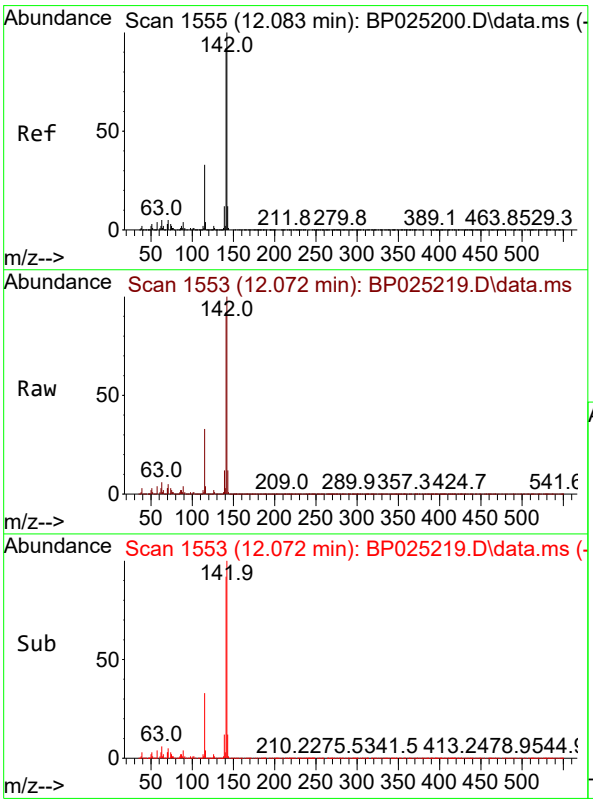
#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 11.849 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2540259

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8
115	31.8	25.3	37.9

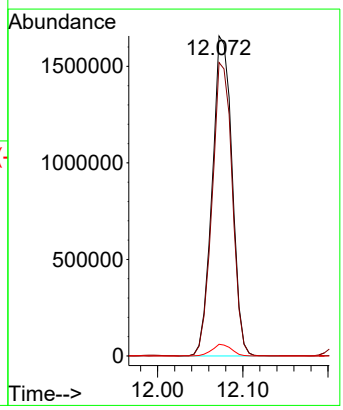


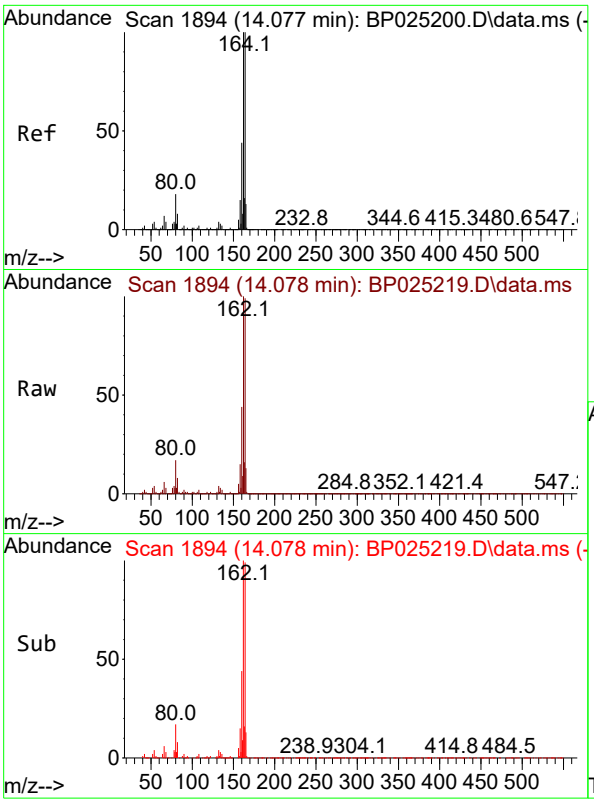


#38
1-Methylnaphthalene
Concen: 39.968 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:142 Resp: 2687973

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.6	2.8	4.2



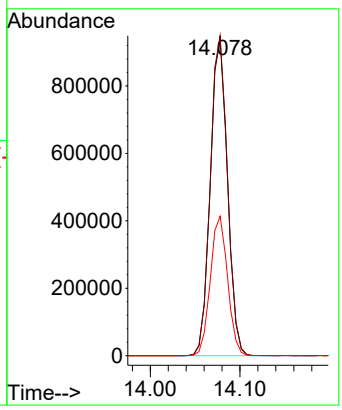


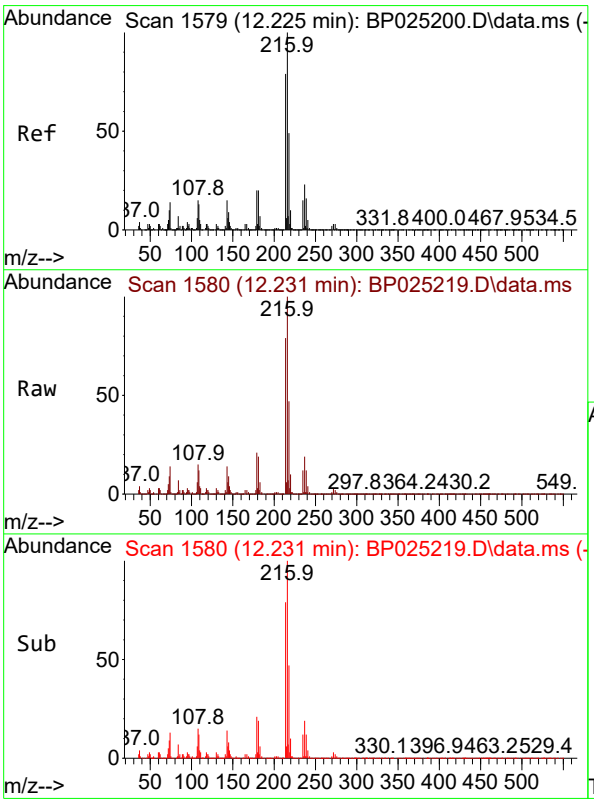
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1245962

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.1	35.7	53.5

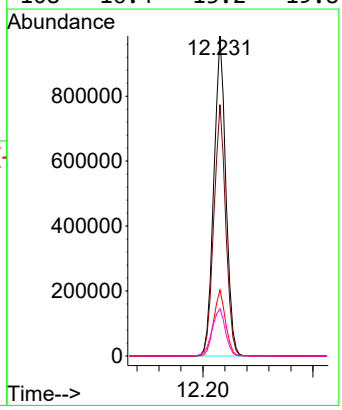


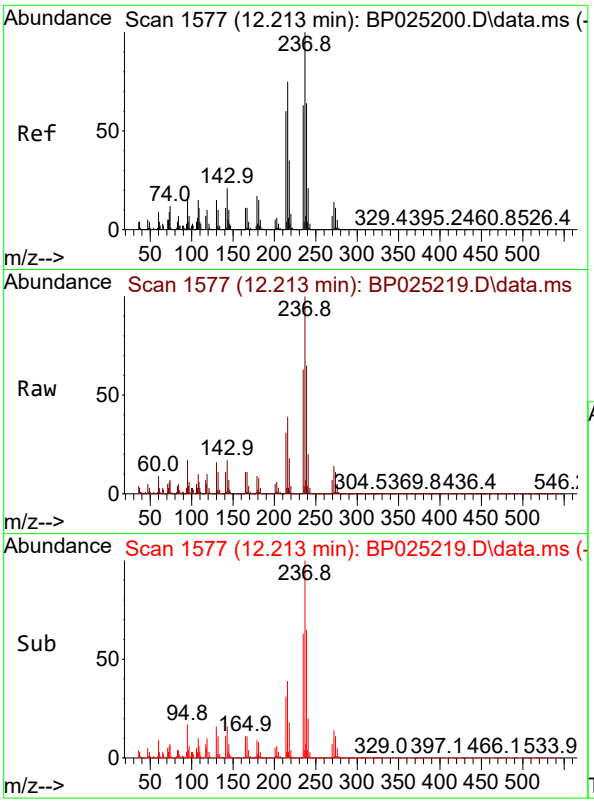


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.944 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:216 Resp: 1491819

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.7	94.1
179	20.2	16.2	24.4
108	16.4	13.2	19.8



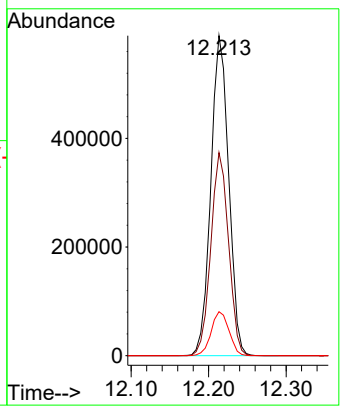


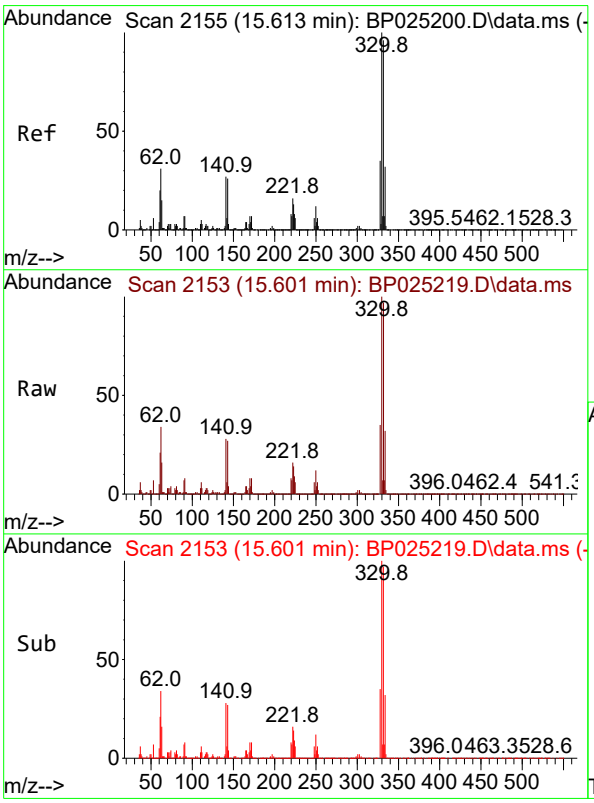
#41
Hexachlorocyclopentadiene
Concen: 42.194 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 940689

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	13.7	0.0	33.6

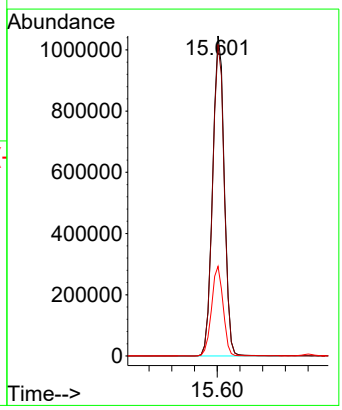


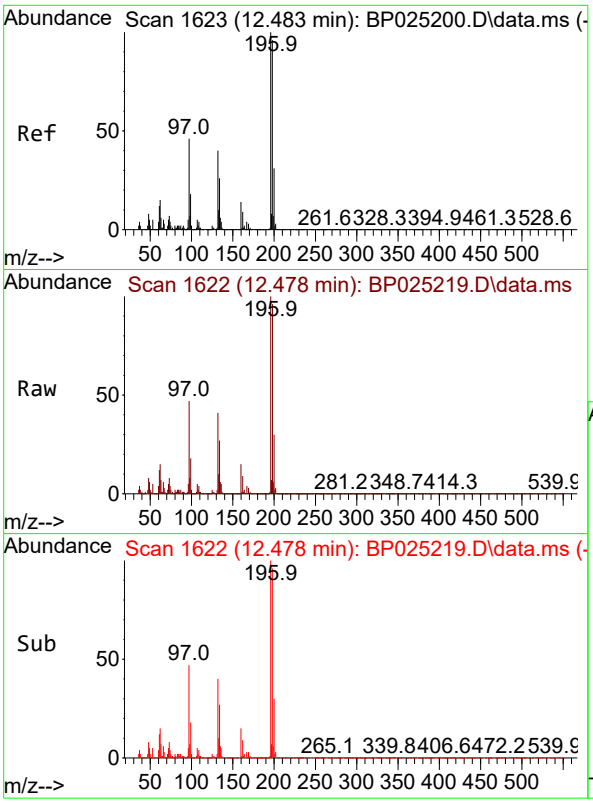


#42
2,4,6-Tribromophenol
Concen: 80.568 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:330 Resp: 1479896

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	27.8	22.4	33.6



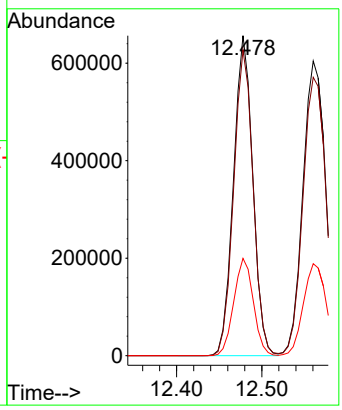


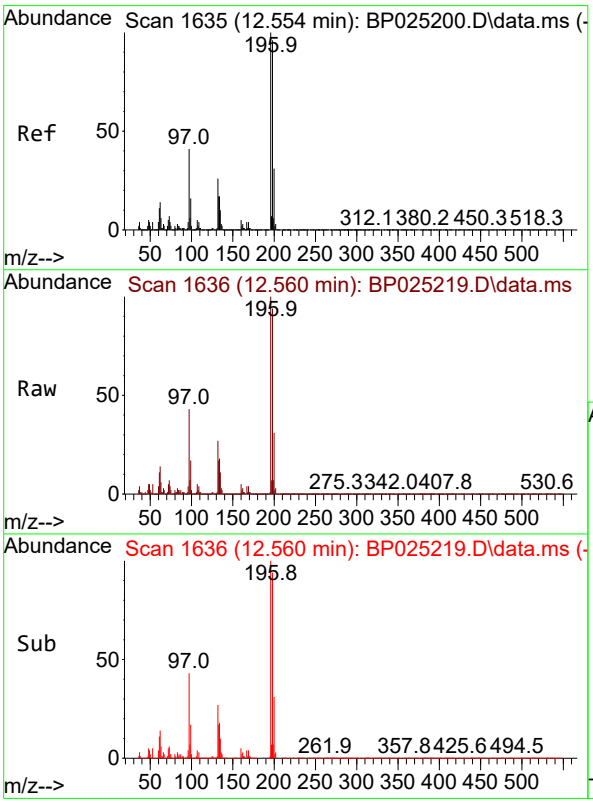
#43
2,4,6-Trichlorophenol
Concen: 40.592 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 1035854

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	114.8
200	30.4	24.7	37.1

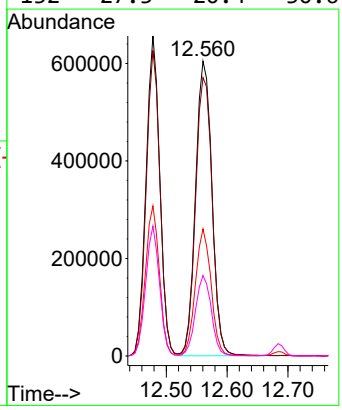


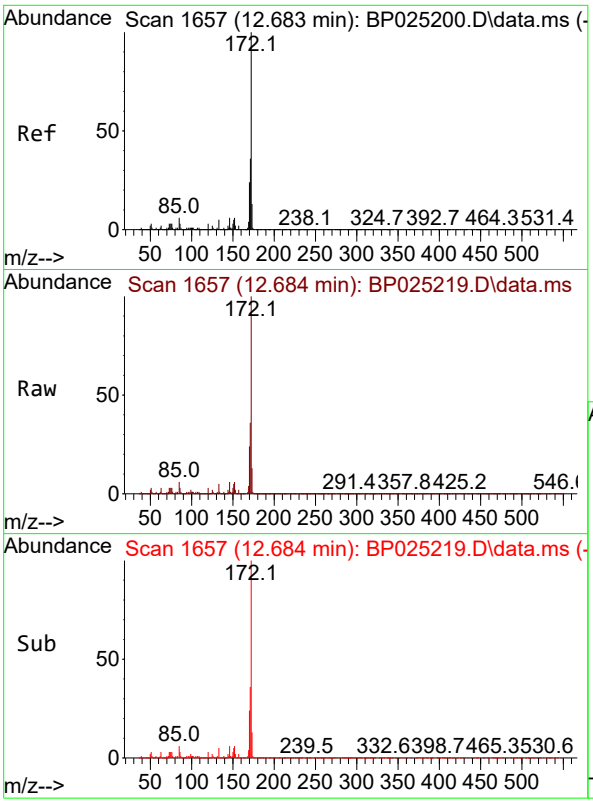


#44
2,4,5-Trichlorophenol
Concen: 40.380 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:196 Resp: 1133949

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.7	115.1
97	43.1	33.0	49.4
132	27.3	20.4	30.6



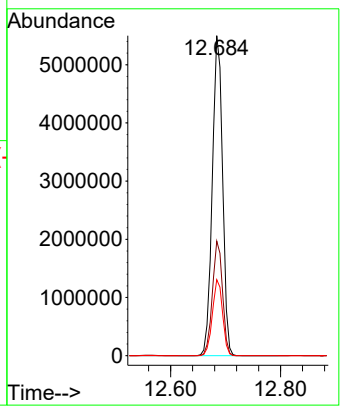


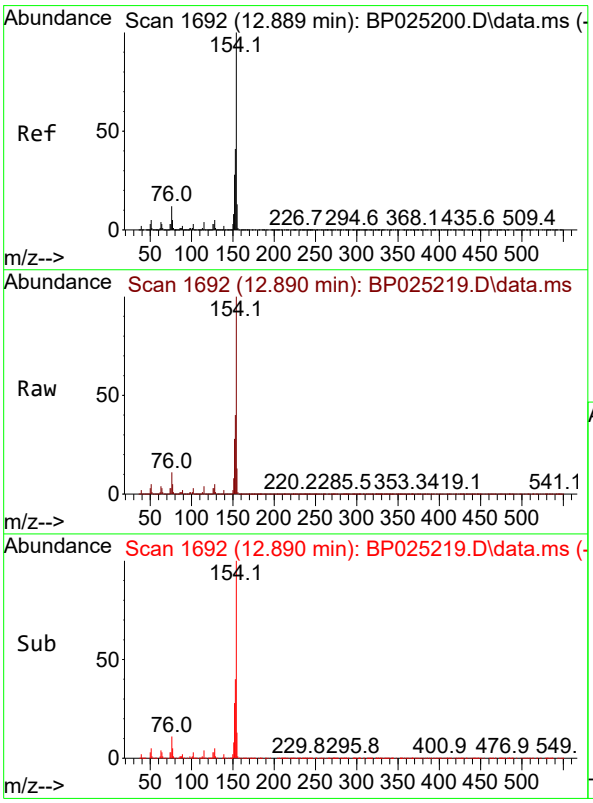
#45
2-Fluorobiphenyl
Concen: 81.023 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 7160639

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	19.2	28.8

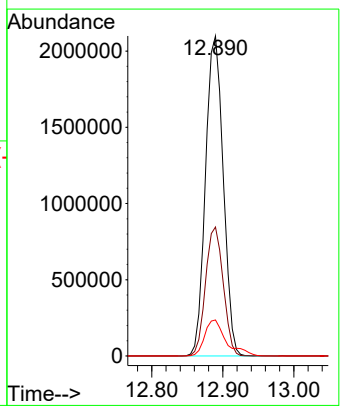


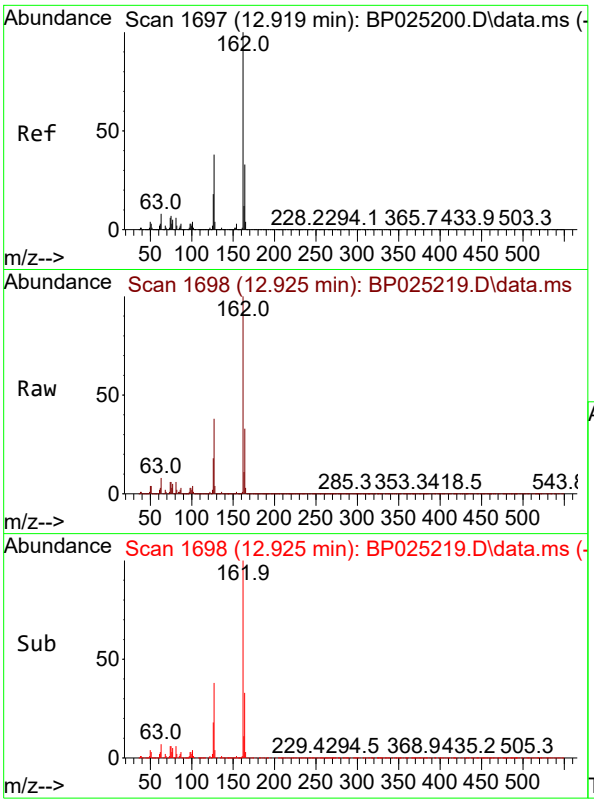


#46
1,1'-Biphenyl
Concen: 40.278 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 3638037

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	11.2	0.0	31.6



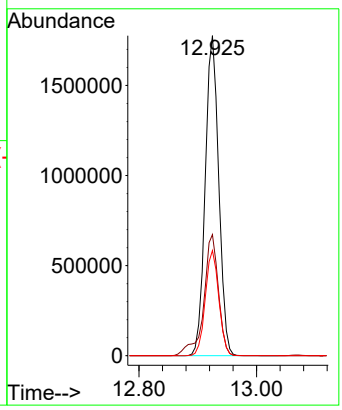


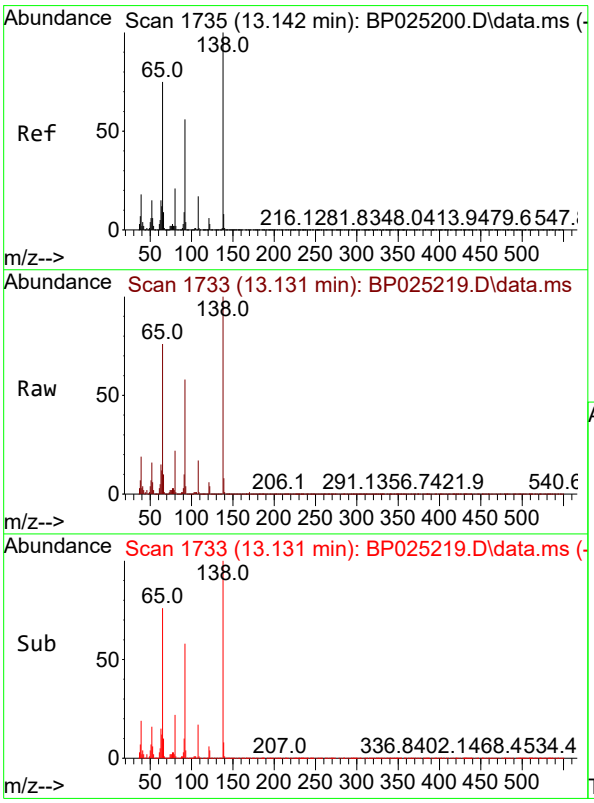
#47
2-Chloronaphthalene
Concen: 40.098 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2827609

Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.1	45.1
164	32.9	26.5	39.7

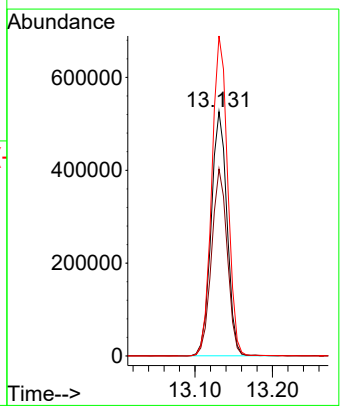


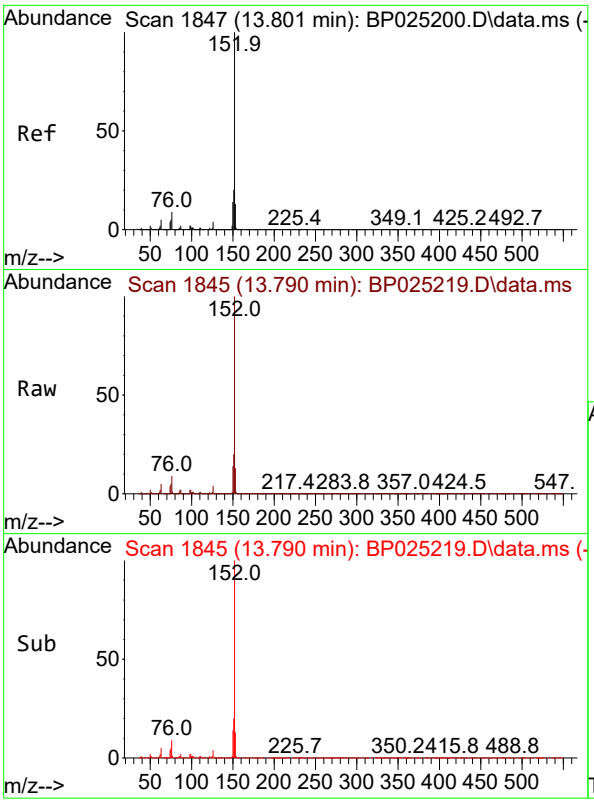


#48
2-Nitroaniline
Concen: 41.473 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 65 Resp: 746854

Ion	Ratio	Lower	Upper
65	100		
92	76.6	59.9	89.9
138	131.0	107.1	160.7



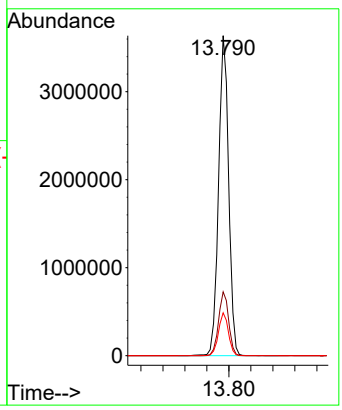


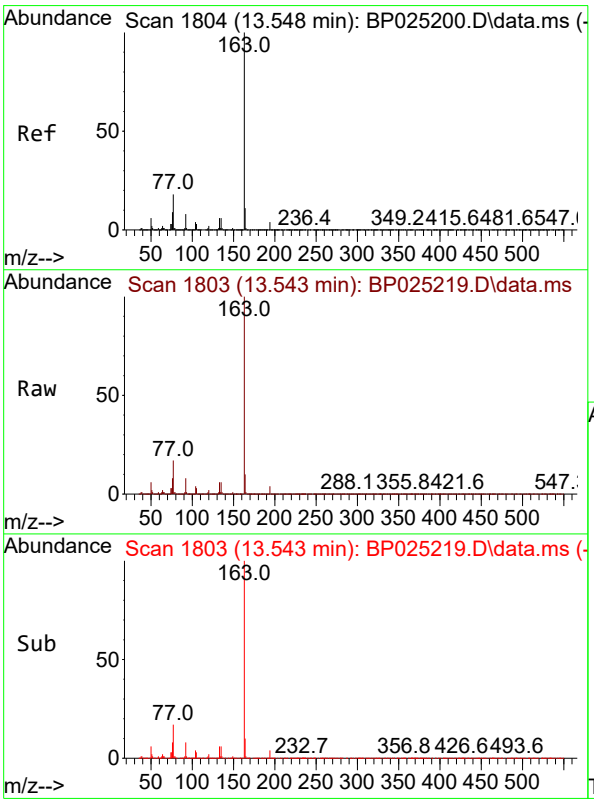
#49
Acenaphthylene
Concen: 40.533 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 4622988

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.4	10.6	15.8

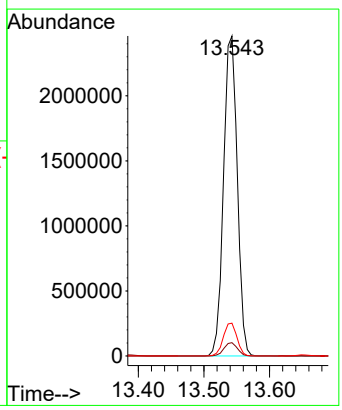


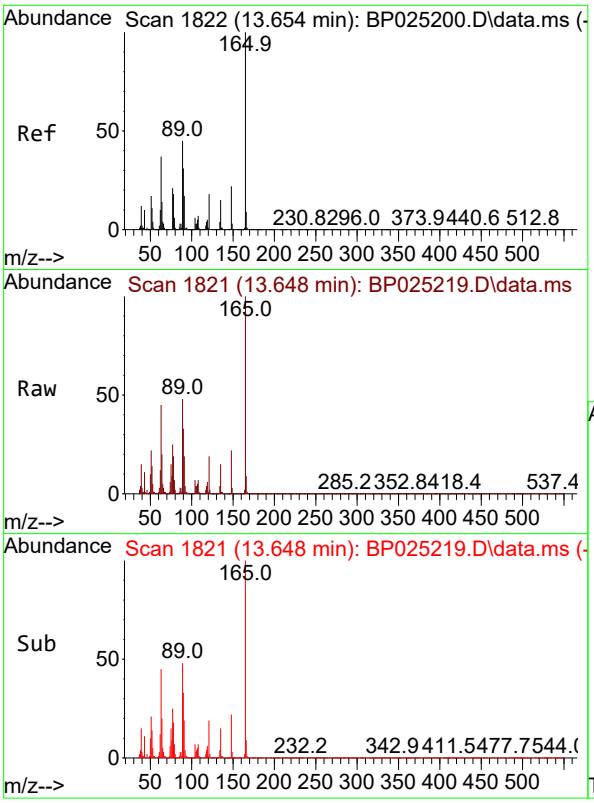


#50
Dimethylphthalate
Concen: 39.945 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:163 Resp: 3559355

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.5	12.7



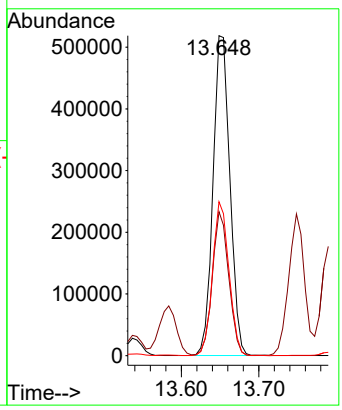


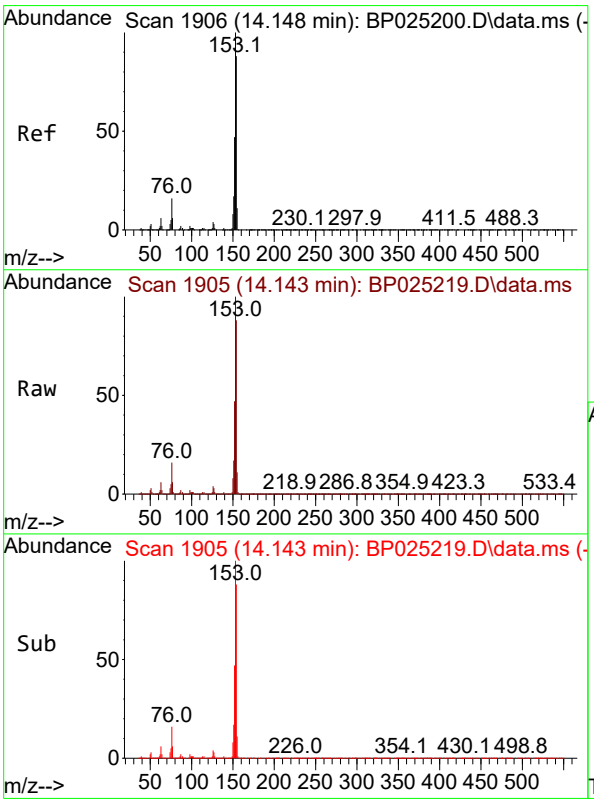
#51
2,6-Dinitrotoluene
Concen: 40.513 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 784404

Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.2
89	48.1	36.3	54.5

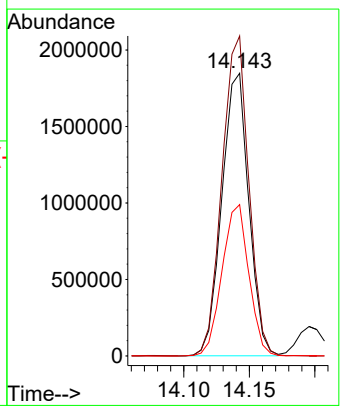


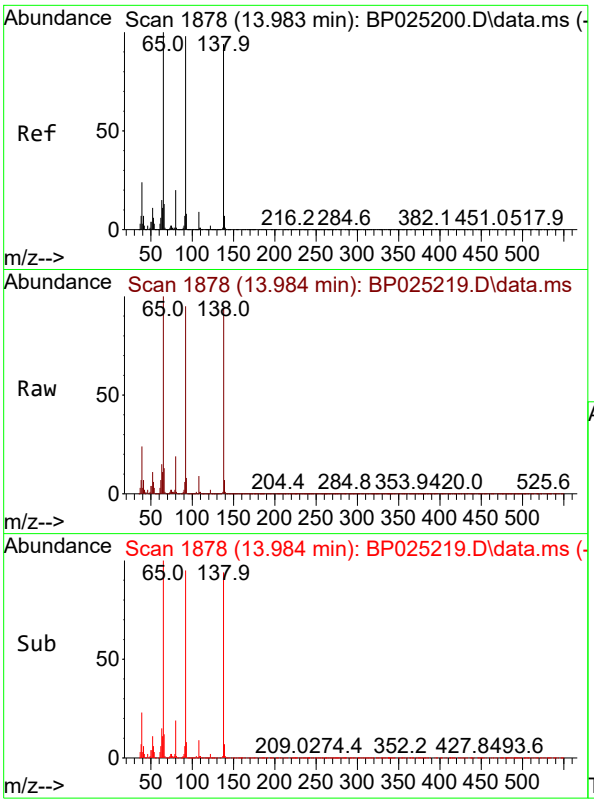


#52
Acenaphthene
Concen: 40.018 ng
RT: 14.143 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 2639356

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.5	42.9	64.3



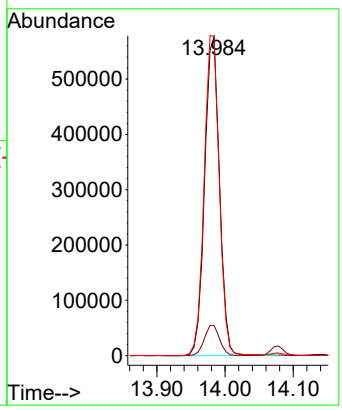


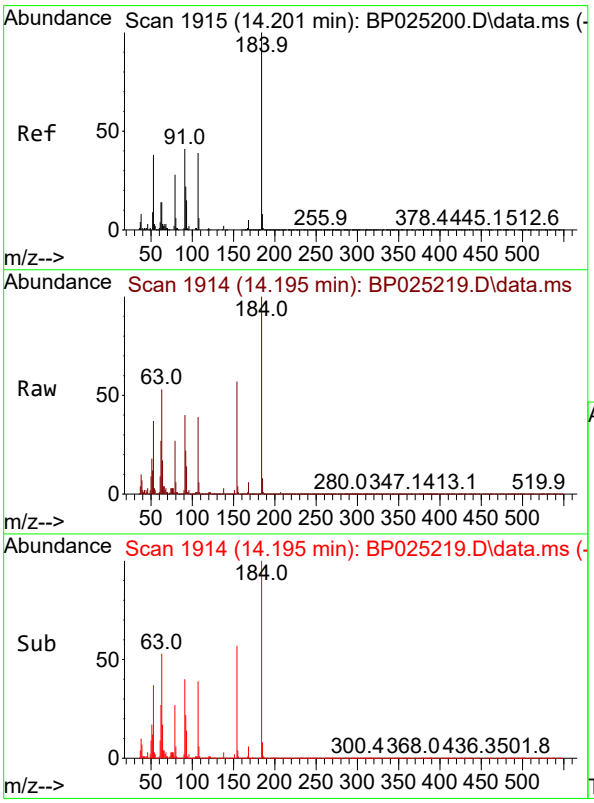
#53
3-Nitroaniline
Concen: 40.071 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 874904

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.5	11.3
92	100.3	83.2	124.8

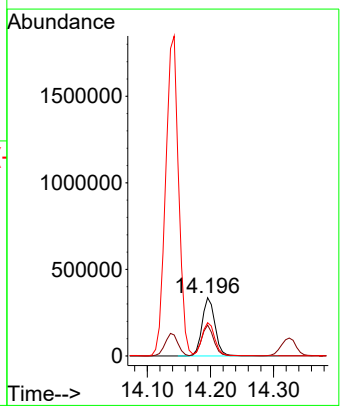


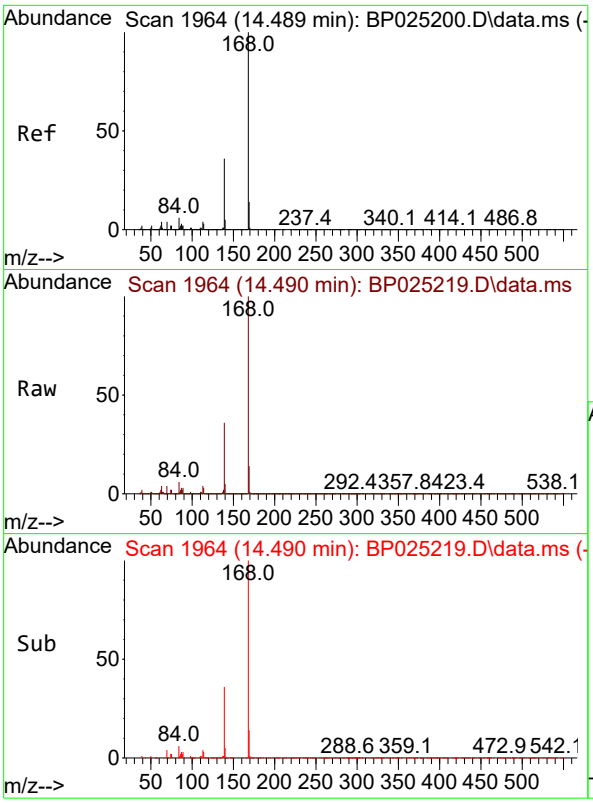


#54
2,4-Dinitrophenol
Concen: 41.472 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:184 Resp: 475756

Ion	Ratio	Lower	Upper
184	100		
63	53.0	41.8	62.8
154	57.1	45.7	68.5



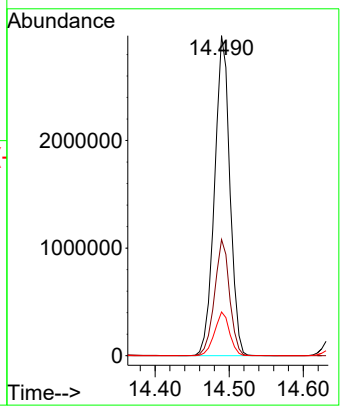


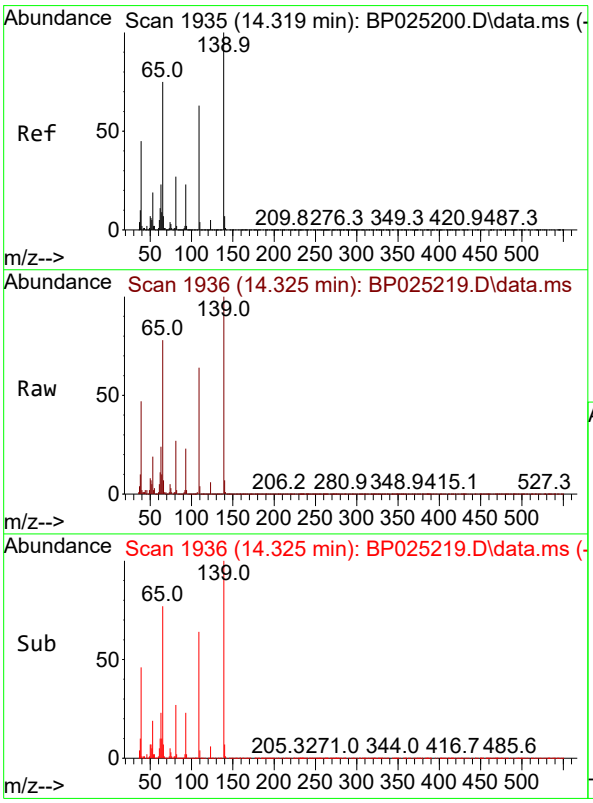
#55
Dibenzofuran
Concen: 40.066 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 4268397

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.7	43.1
169	13.7	10.9	16.3

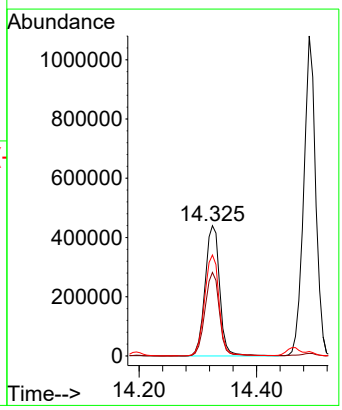


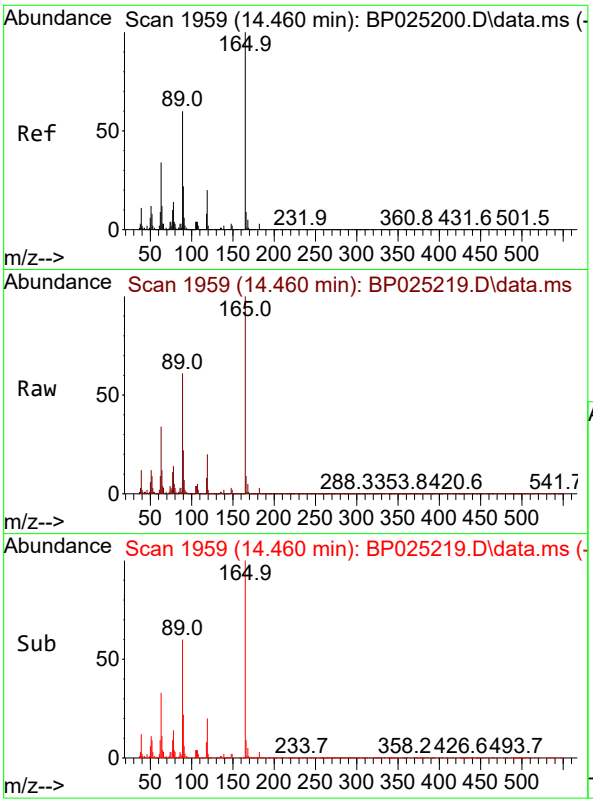


#56
4-Nitrophenol
Concen: 40.436 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 755490

Ion	Ratio	Lower	Upper
139	100		
109	64.1	42.6	82.6
65	77.5	55.4	95.4



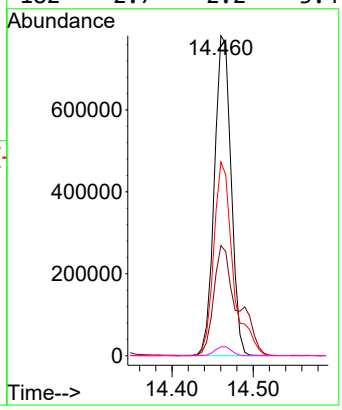


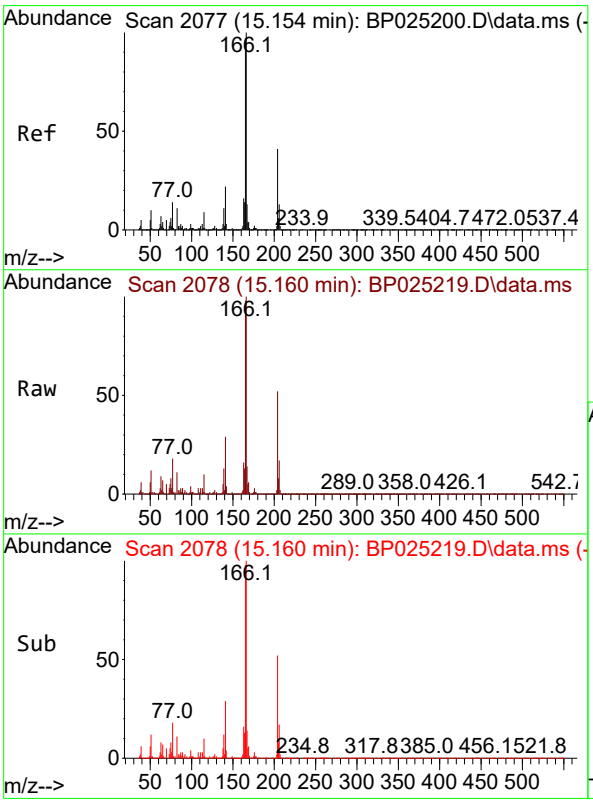
#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 1117080

Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.0	40.4
89	60.5	47.8	71.6
182	2.7	2.2	3.4

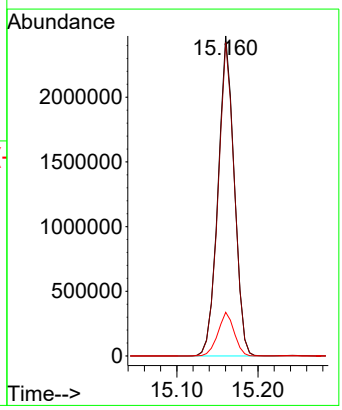


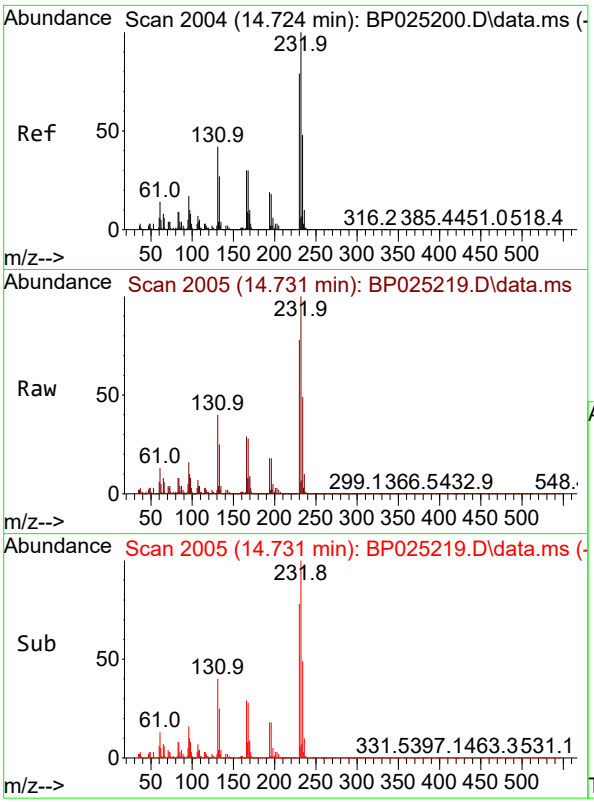


#58
Fluorene
Concen: 40.579 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:166 Resp: 3432050

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.6	10.7	16.1



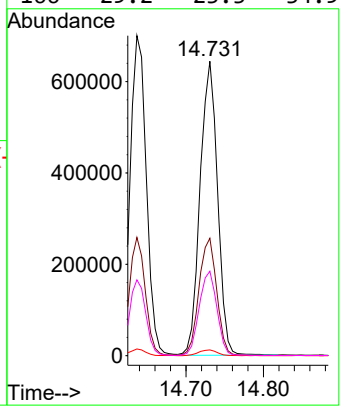


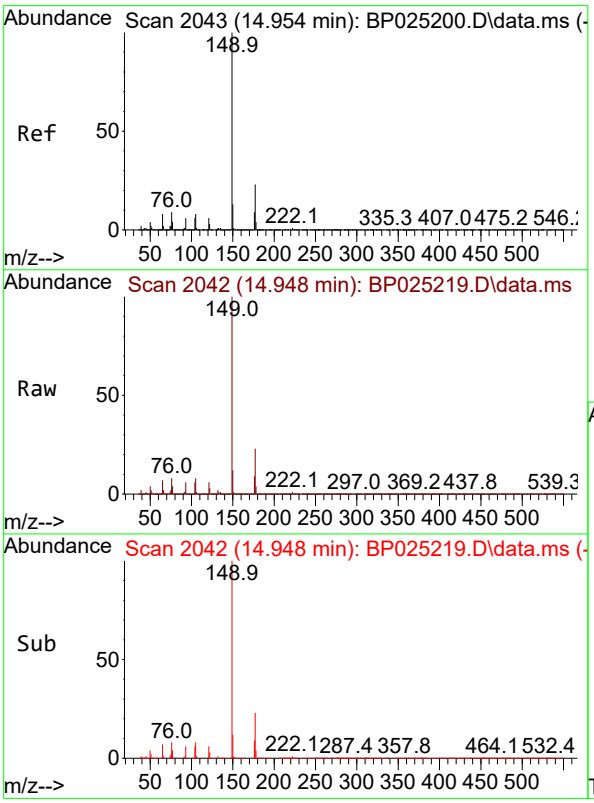
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 1007317

Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.6	48.8
130	2.1	1.6	2.4
166	29.2	23.3	34.9

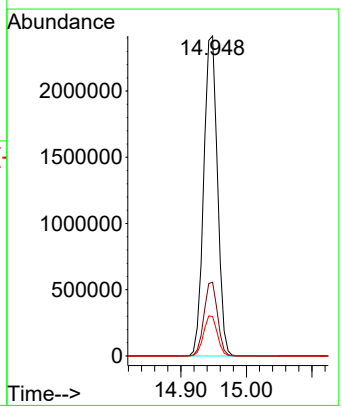


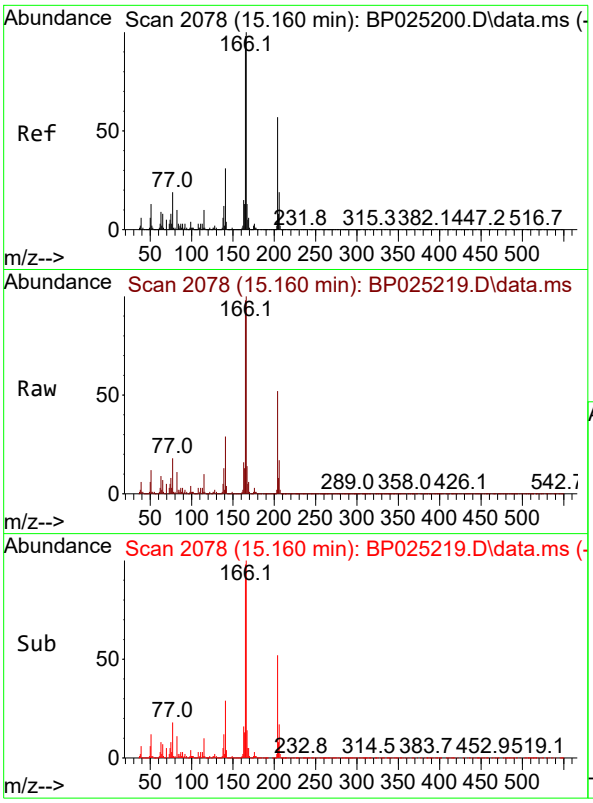


#60
Diethylphthalate
Concen: 40.011 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 3514021

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.4	10.0	15.0



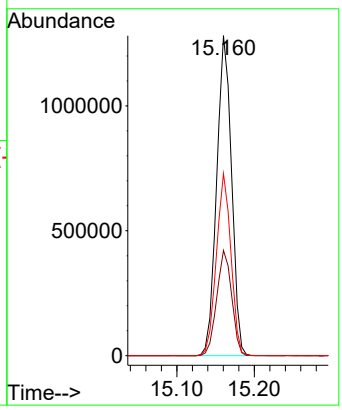


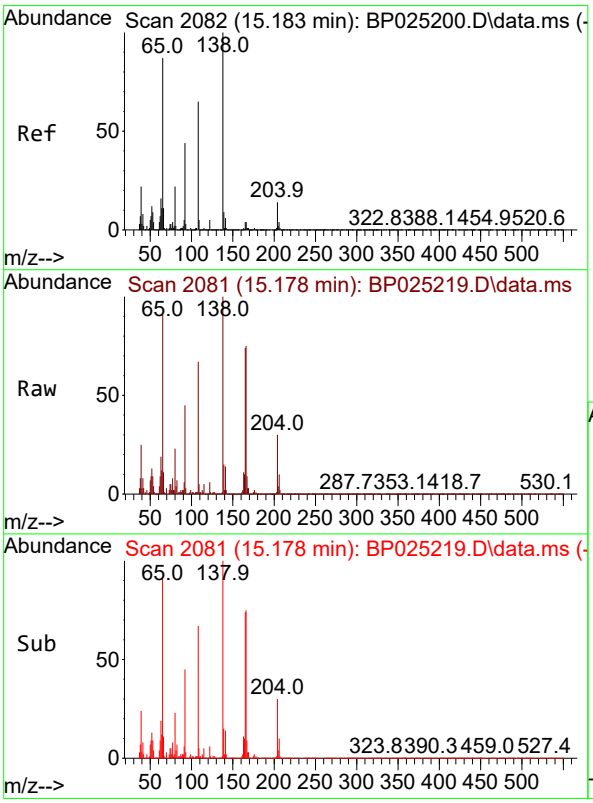
#61
4-Chlorophenyl-phenylether
Concen: 39.925 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1706307

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	56.9	43.0	64.6

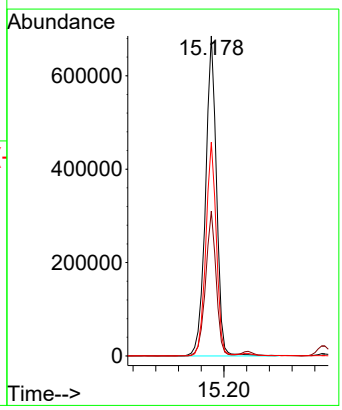


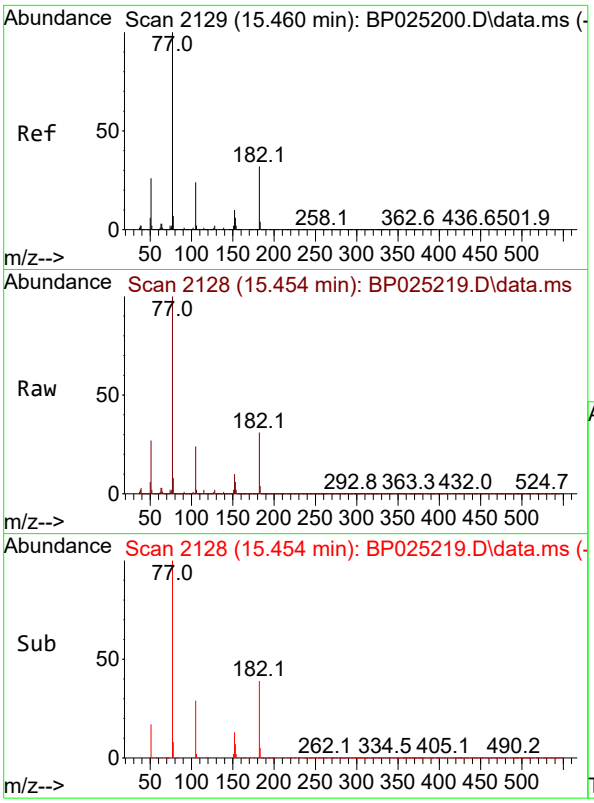


#62
4-Nitroaniline
Concen: 41.319 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:138 Resp: 917496

Ion	Ratio	Lower	Upper
138	100		
92	45.2	24.0	64.0
108	66.8	44.9	84.9



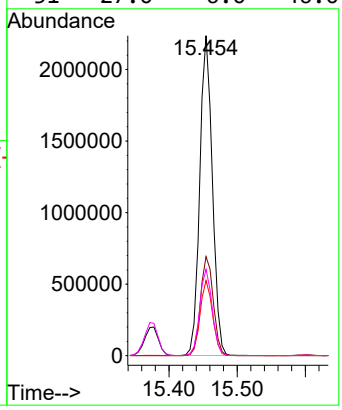


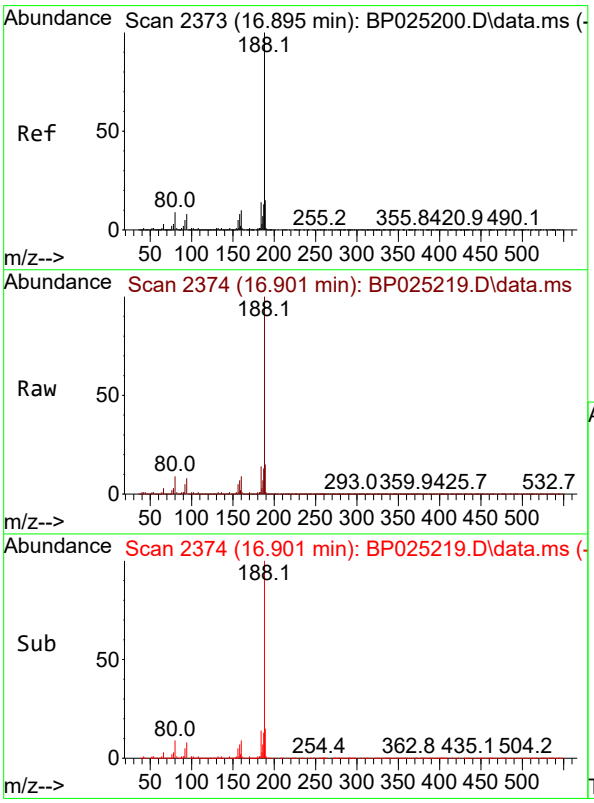
#63
Azobenzene
Concen: 40.086 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2868934

Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.0	52.0
105	23.5	3.6	43.6
51	27.0	6.0	46.0

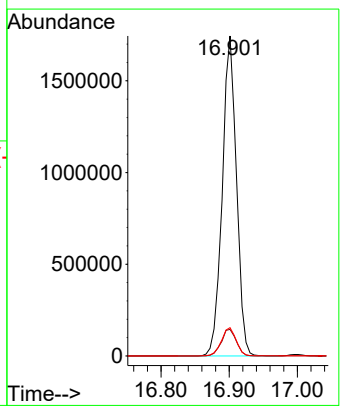


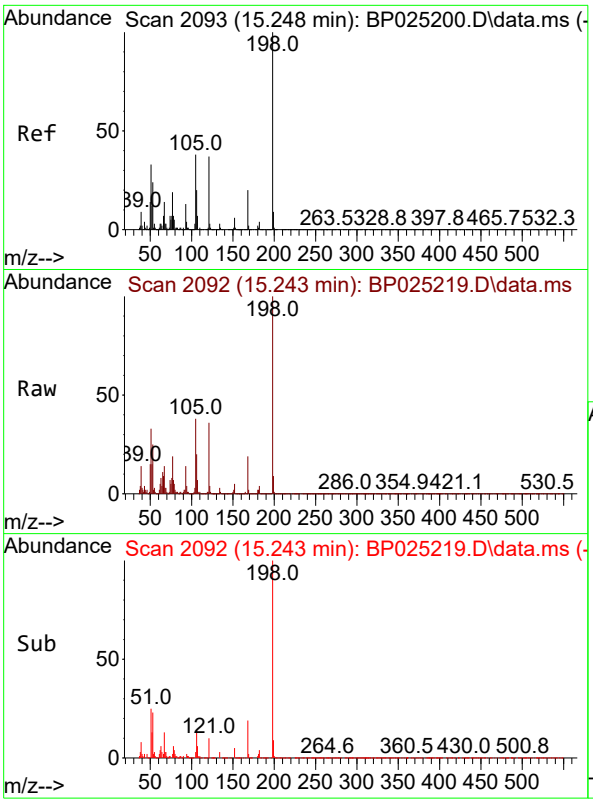


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:188 Resp: 2530825

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.9	7.3	10.9



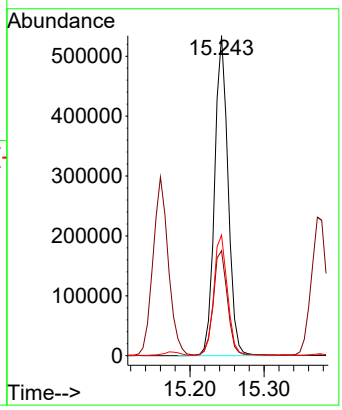


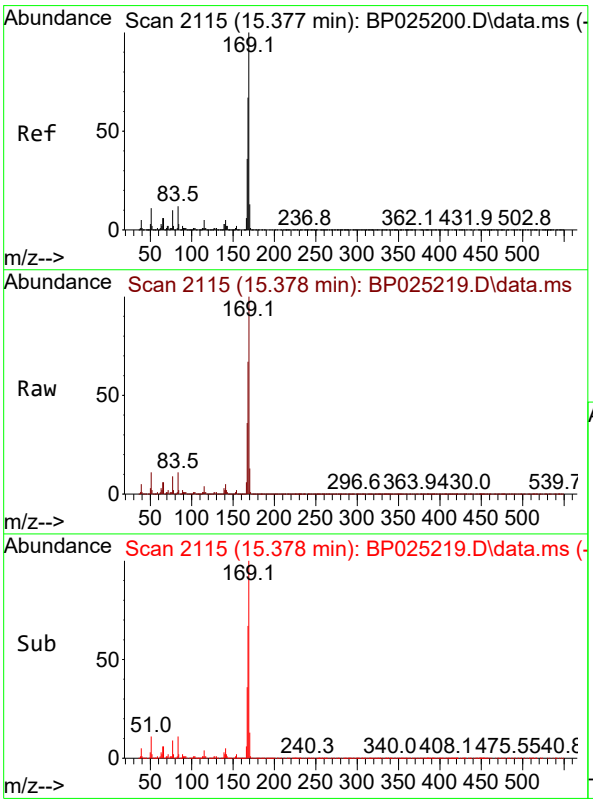
#65
4,6-Dinitro-2-methylphenol
Concen: 41.175 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 672511

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.6	54.6
105	37.7	18.3	58.3

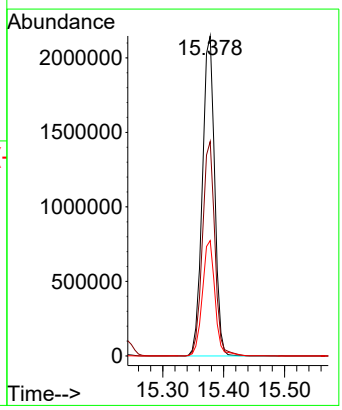


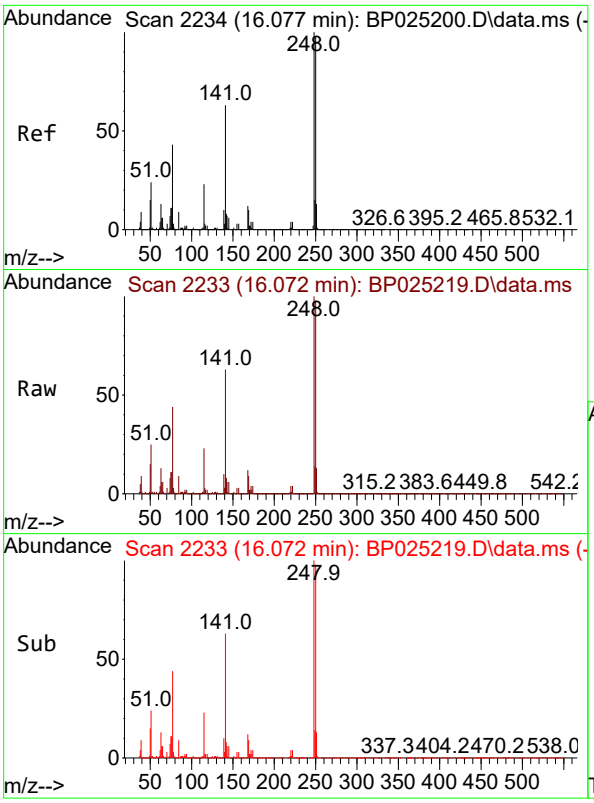


#66
n-Nitrosodiphenylamine
Concen: 39.125 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:169 Resp: 3005446

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.7	80.5
167	36.0	29.0	43.6



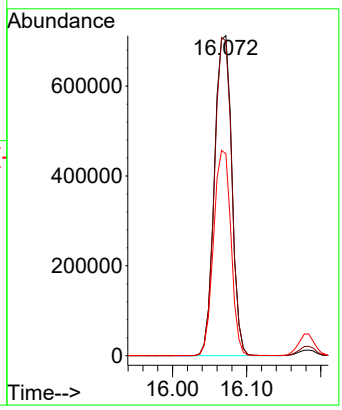


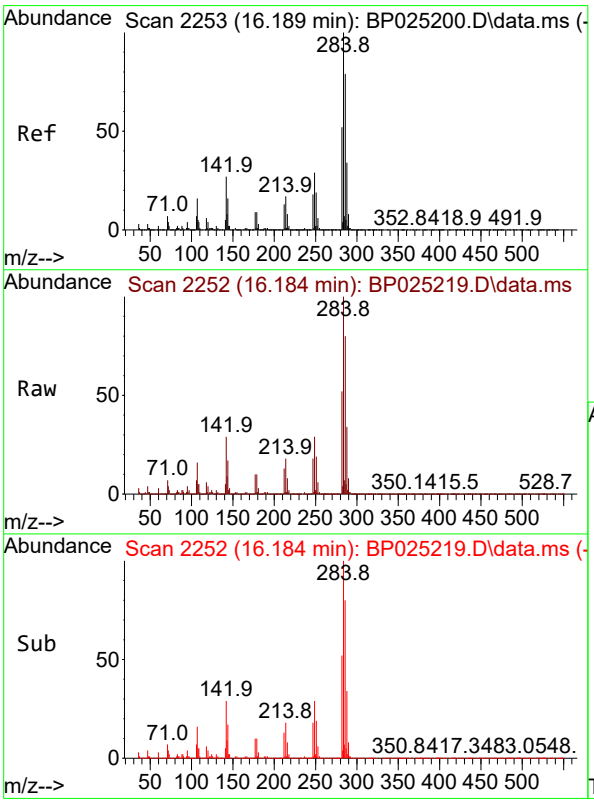
#67
4-Bromophenyl-phenylether
Concen: 39.169 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 1156900

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.5	117.7
141	63.1	50.5	75.7

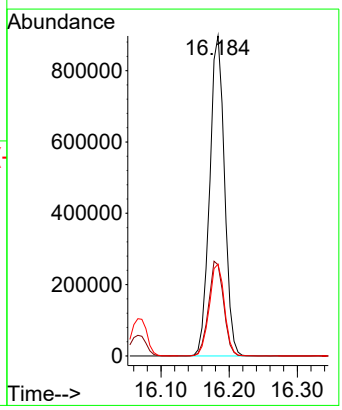


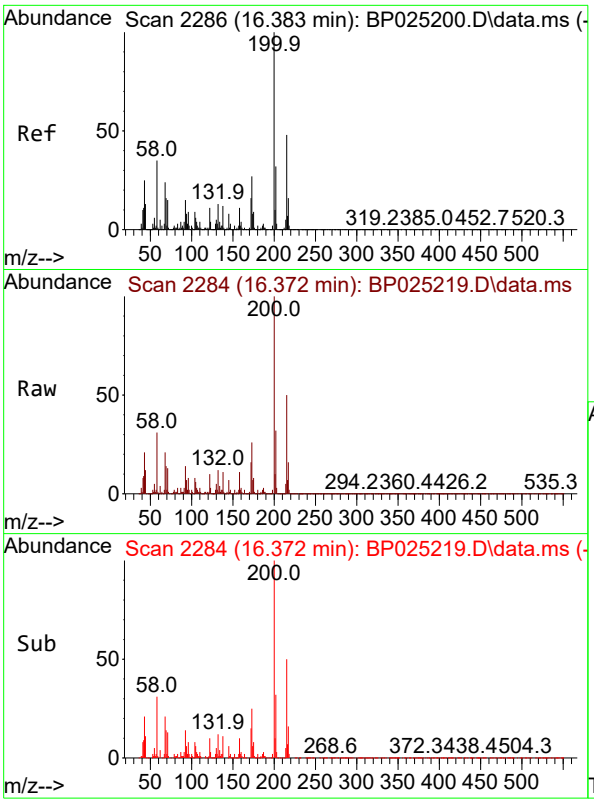


#68
Hexachlorobenzene
Concen: 38.695 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:284 Resp: 1357253

Ion	Ratio	Lower	Upper
284	100		
142	28.5	21.5	32.3
249	28.7	23.4	35.0



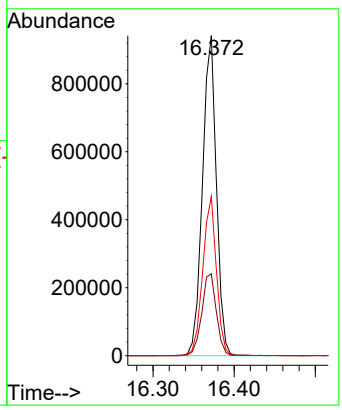


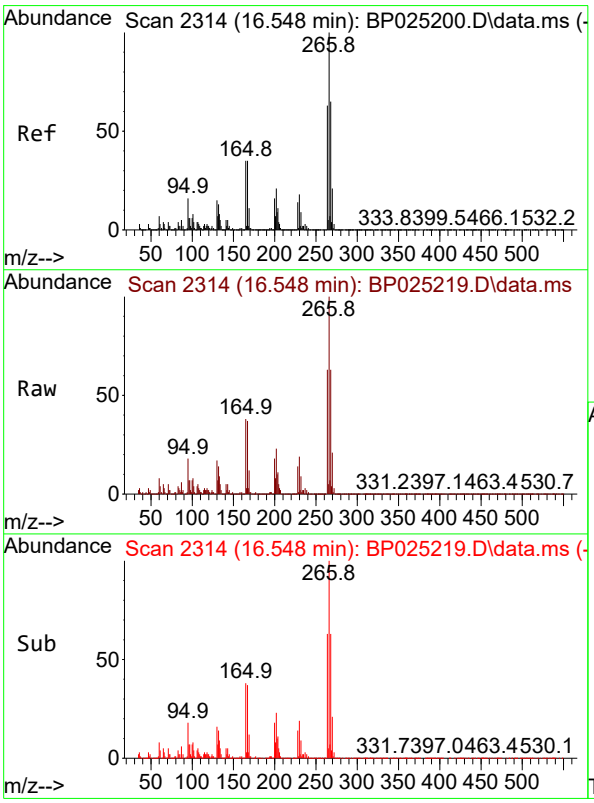
#69
Atrazine
Concen: 39.387 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 1119581

Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.4	47.4
215	49.8	28.5	68.5

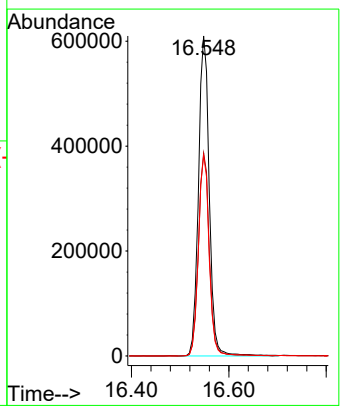


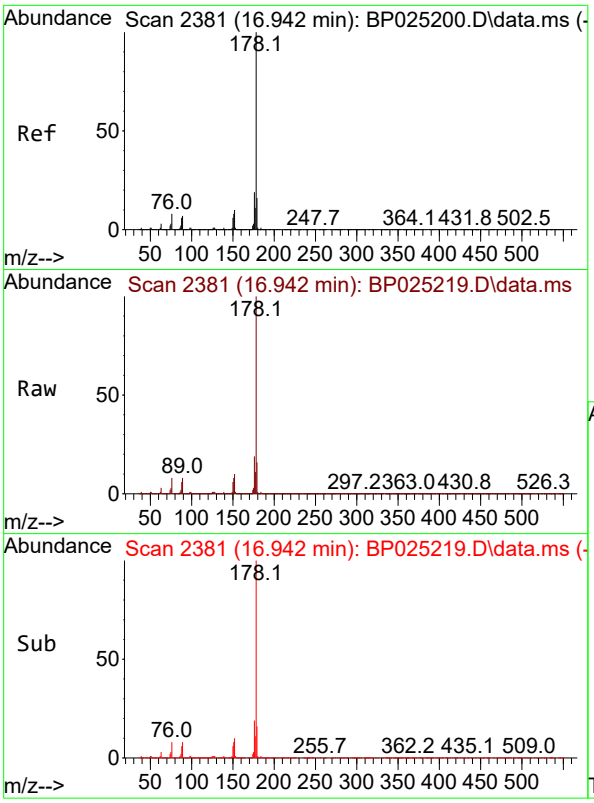


#70
Pentachlorophenol
Concen: 39.338 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:266 Resp: 938309

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.8	77.6
264	62.7	50.3	75.5



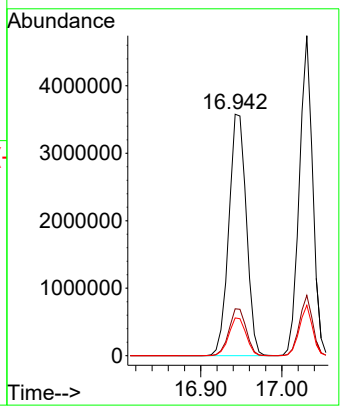


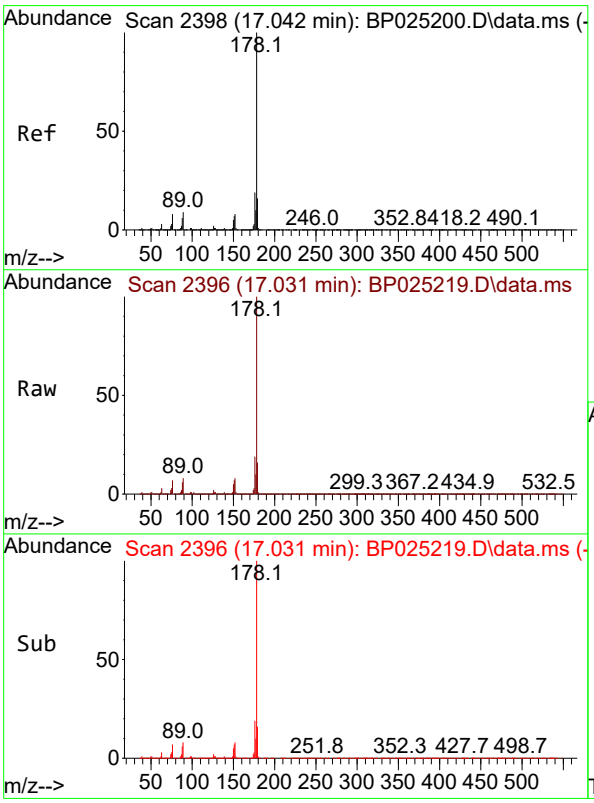
#71
Phenanthrene
Concen: 39.150 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 5343916

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.5	18.7

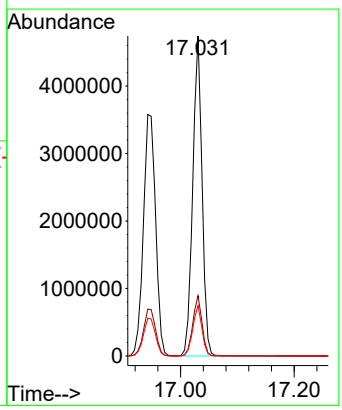


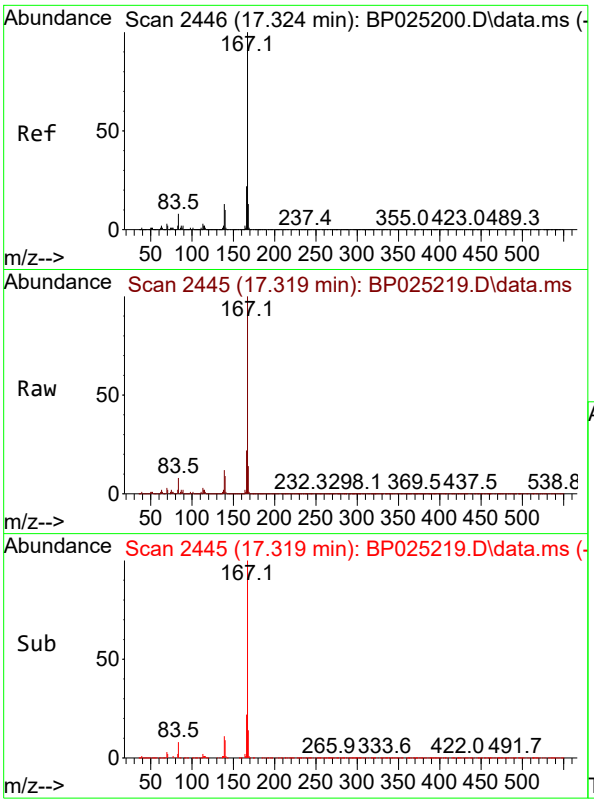


#72
Anthracene
Concen: 39.414 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:178 Resp: 5419810

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.8	12.5	18.7



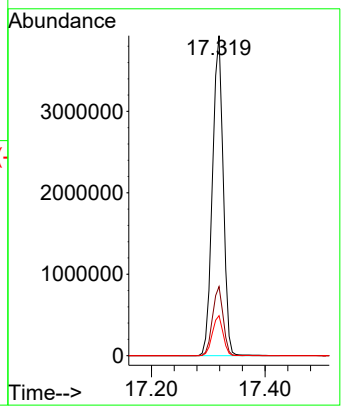


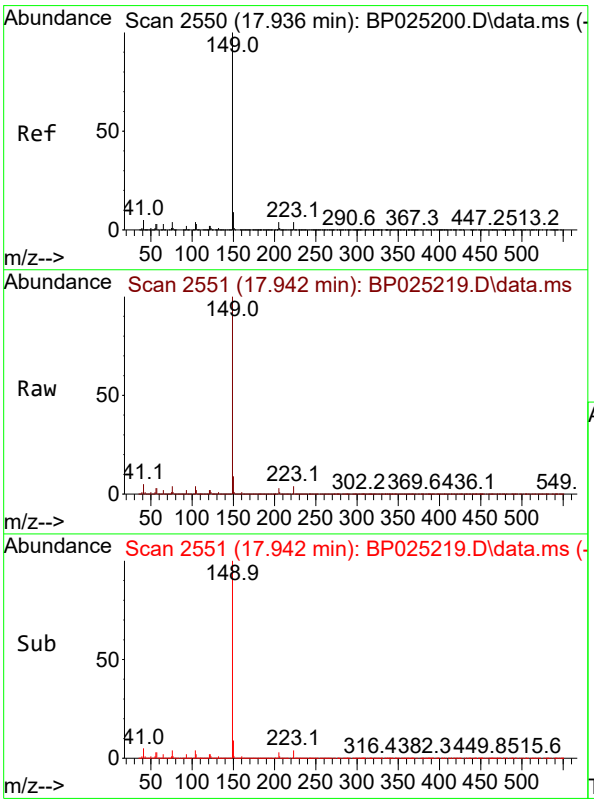
#73
Carbazole
Concen: 39.157 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 5140047

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.5	10.1	15.1

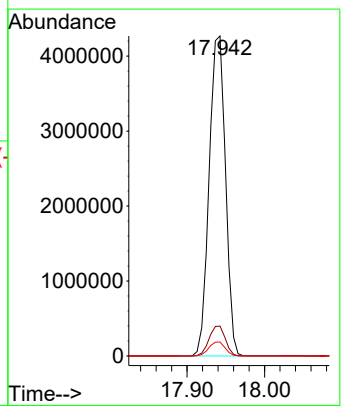


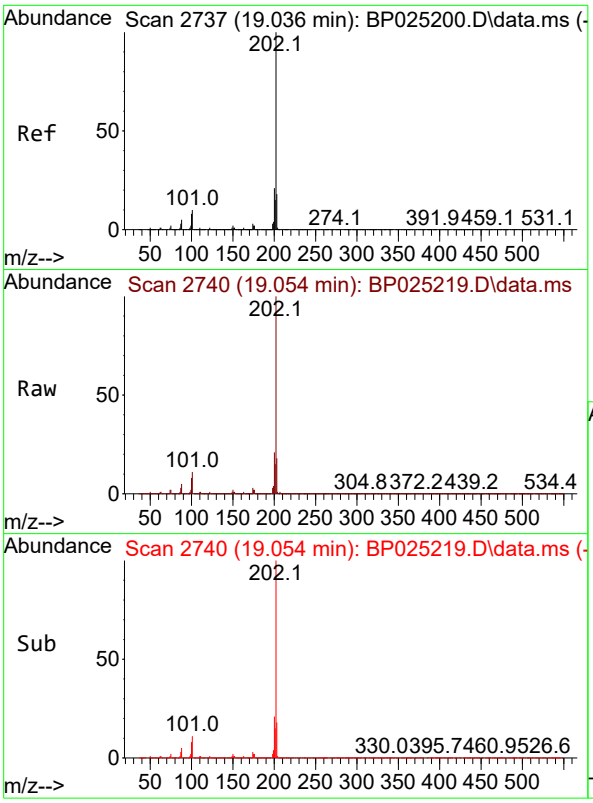


#74
Di-n-butylphthalate
Concen: 41.369 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 6265773

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.3	3.5	5.3



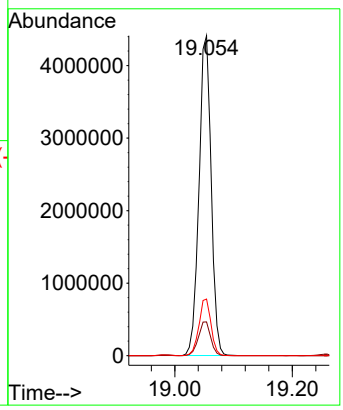


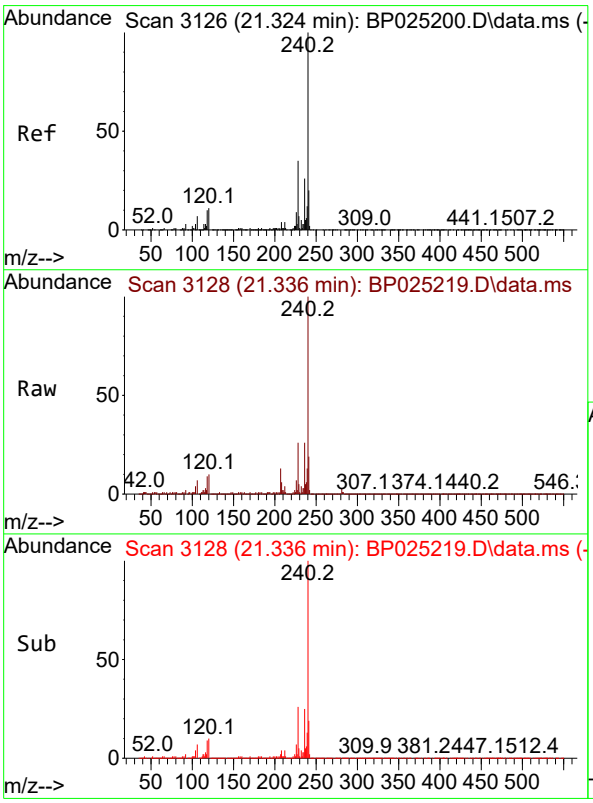
#75
Fluoranthene
Concen: 39.305 ng
RT: 19.054 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 6314252

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.7	0.0	38.0

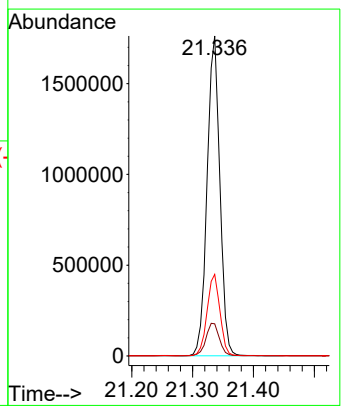


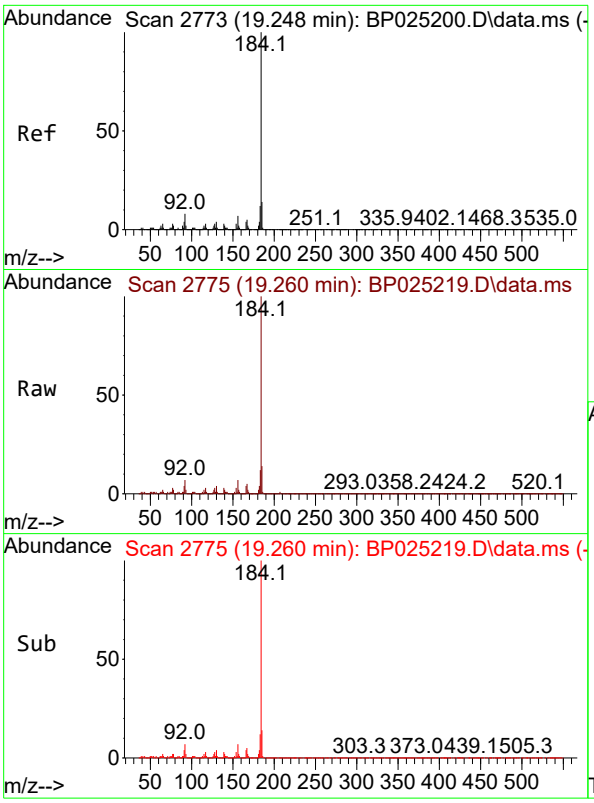


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:240 Resp: 2561119

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.8	13.2
236	25.5	20.9	31.3



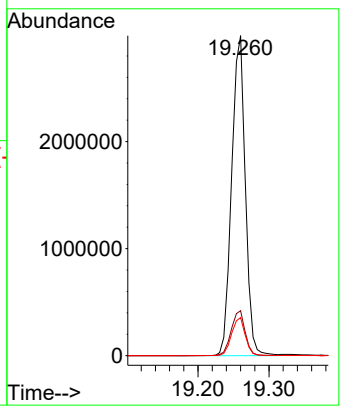


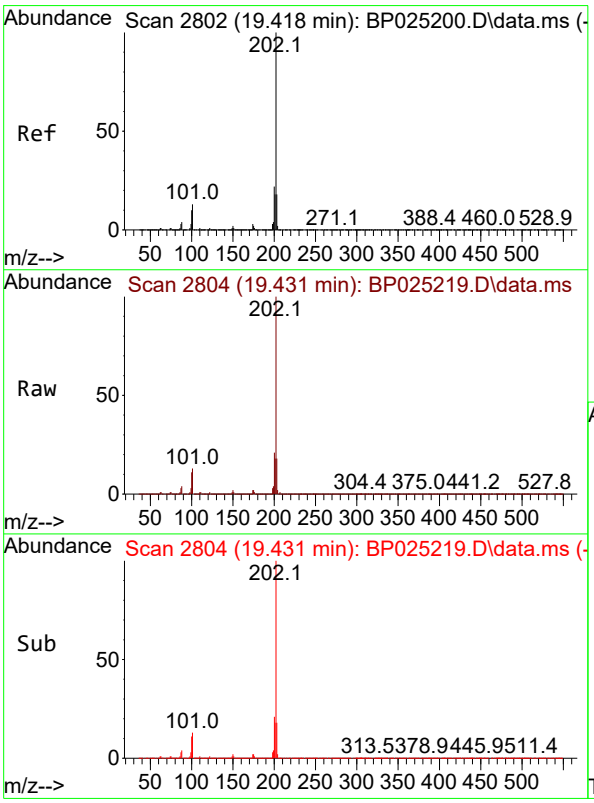
#77
Benzidine
Concen: 44.552 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 4005958

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.9	9.6	14.4

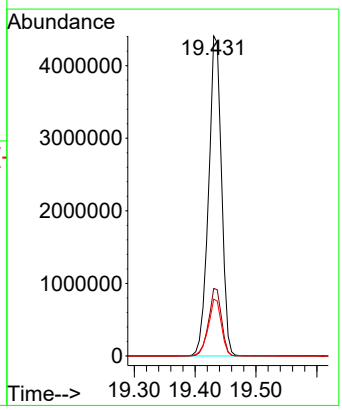


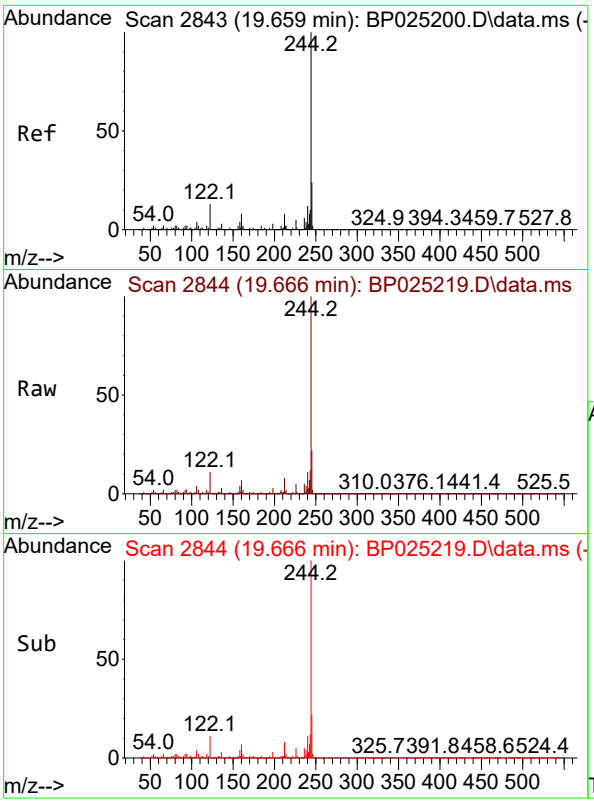


#78
Pyrene
Concen: 41.170 ng
RT: 19.431 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:202 Resp: 6501312

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5



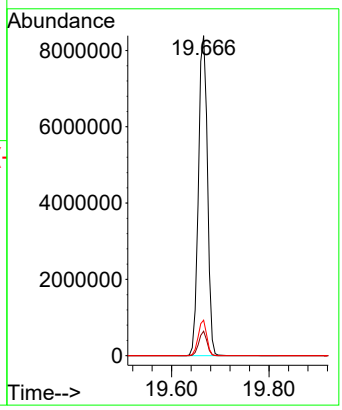


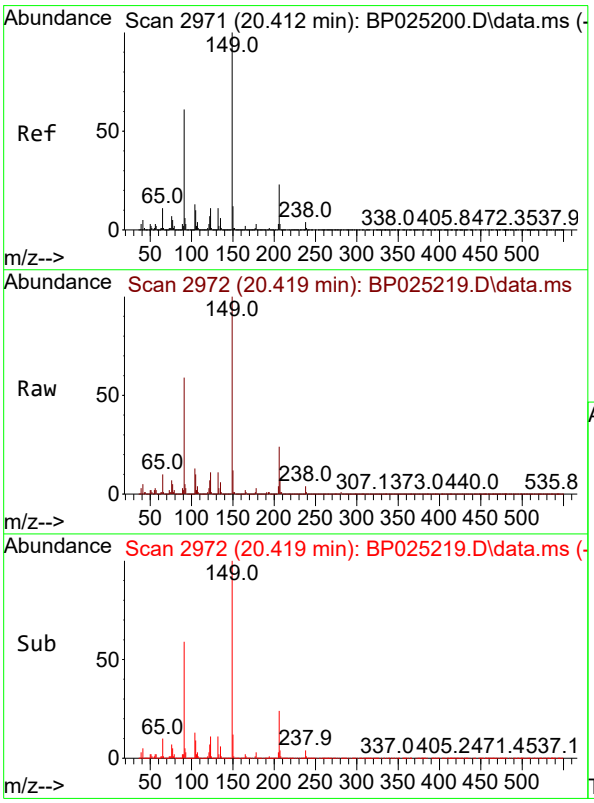
#79
Terphenyl-d14
Concen: 83.178 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10791584

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	11.1	10.3	15.5

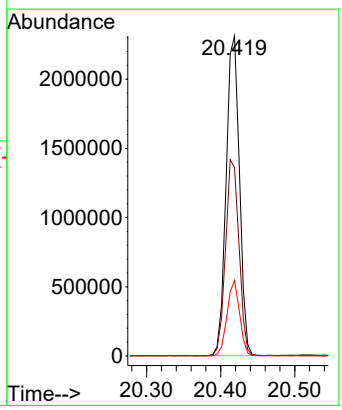


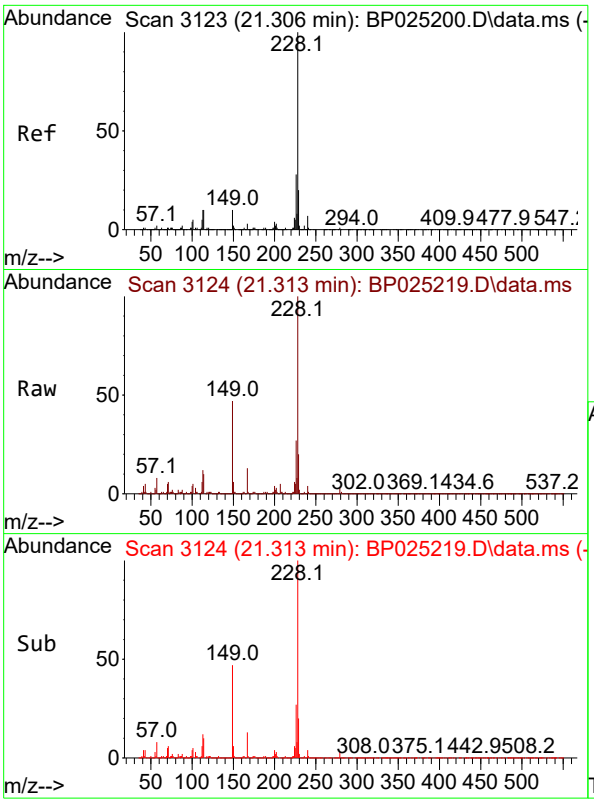


#80
Butylbenzylphthalate
Concen: 40.212 ng
RT: 20.419 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 2874425

Ion	Ratio	Lower	Upper
149	100		
91	58.8	48.8	73.2
206	23.6	18.4	27.6



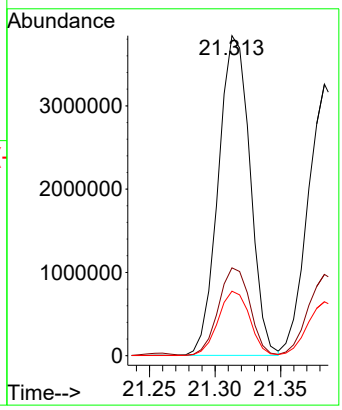


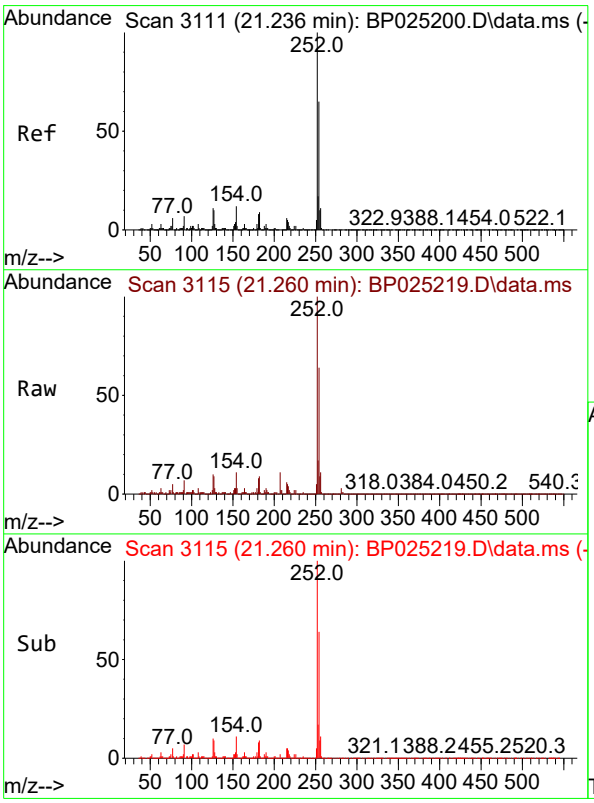
#81
Benzo(a)anthracene
Concen: 39.878 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6449789

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2

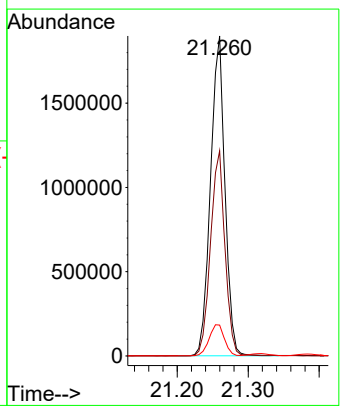


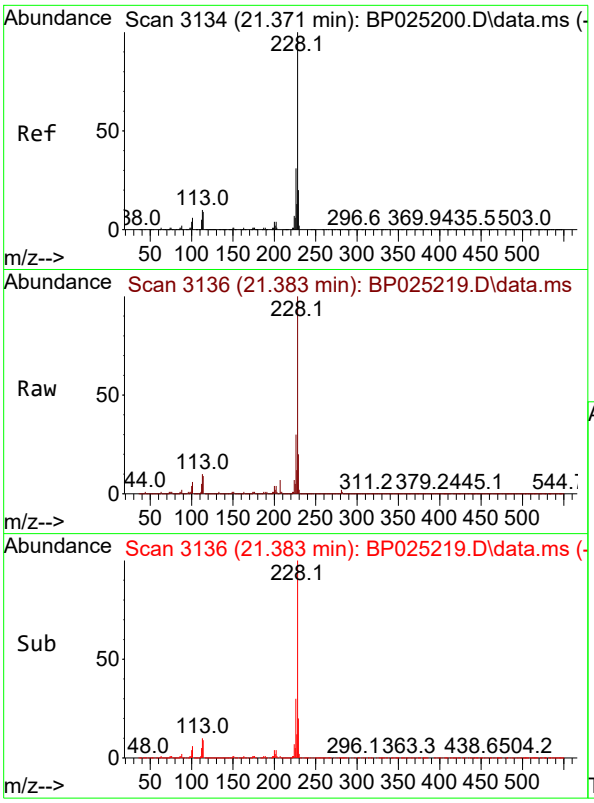


#82
3,3'-Dichlorobenzidine
Concen: 39.849 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 2671574

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	9.6	8.6	12.8



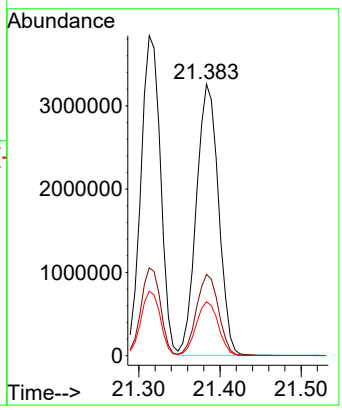


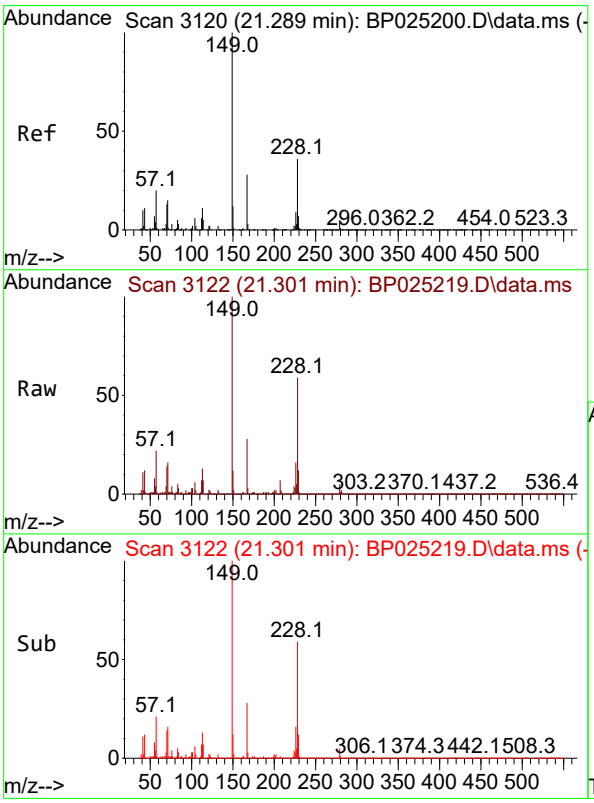
#83
Chrysene
Concen: 40.790 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6158415

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.9	16.0	24.0

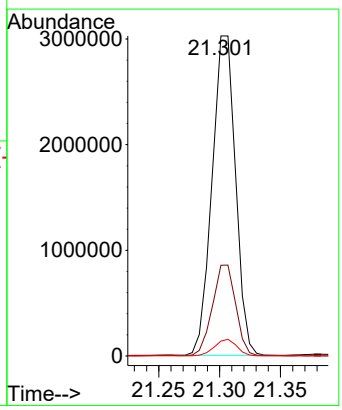


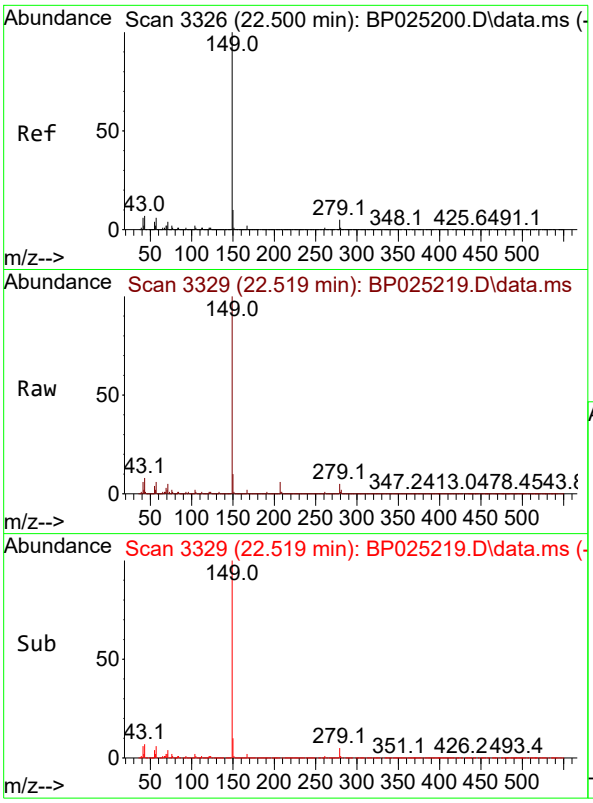


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.770 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 4064933

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.7	4.0	6.0



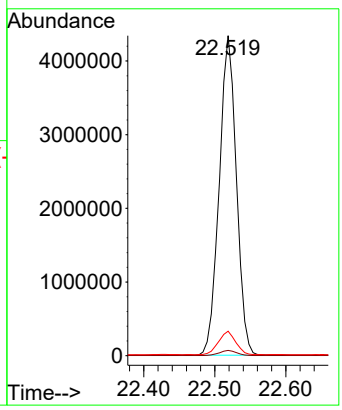


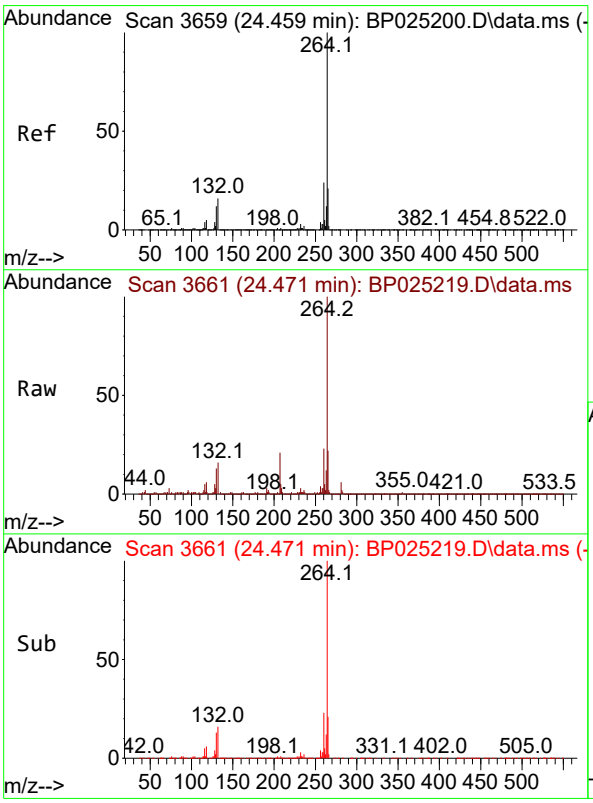
#85
Di-n-octyl phthalate
Concen: 41.223 ng
RT: 22.519 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 7275962

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.1	9.1

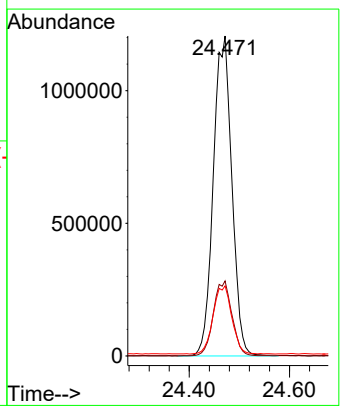


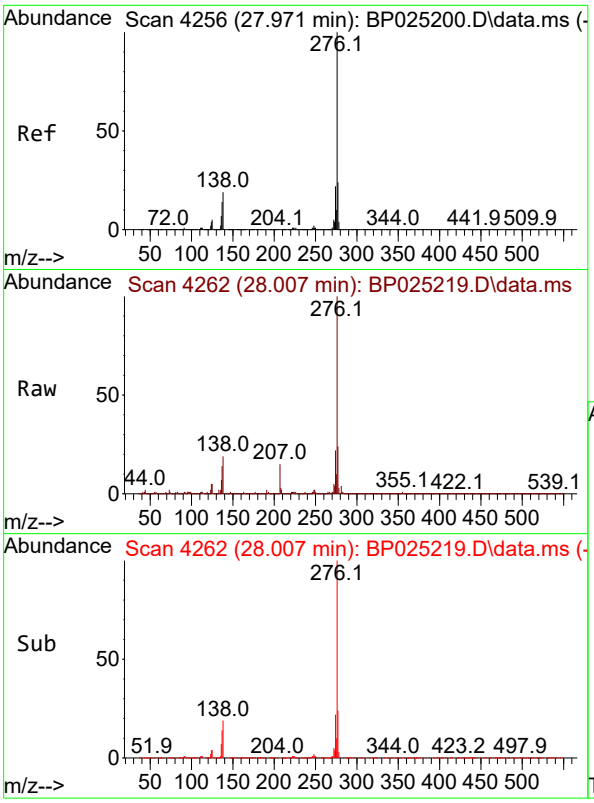


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:264 Resp: 3092373

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	17.5	26.3



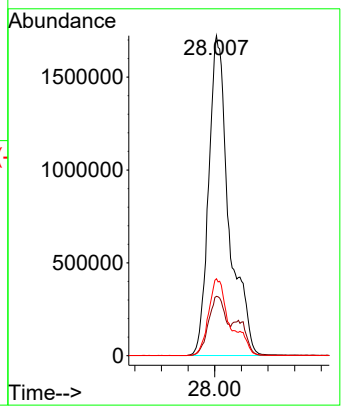


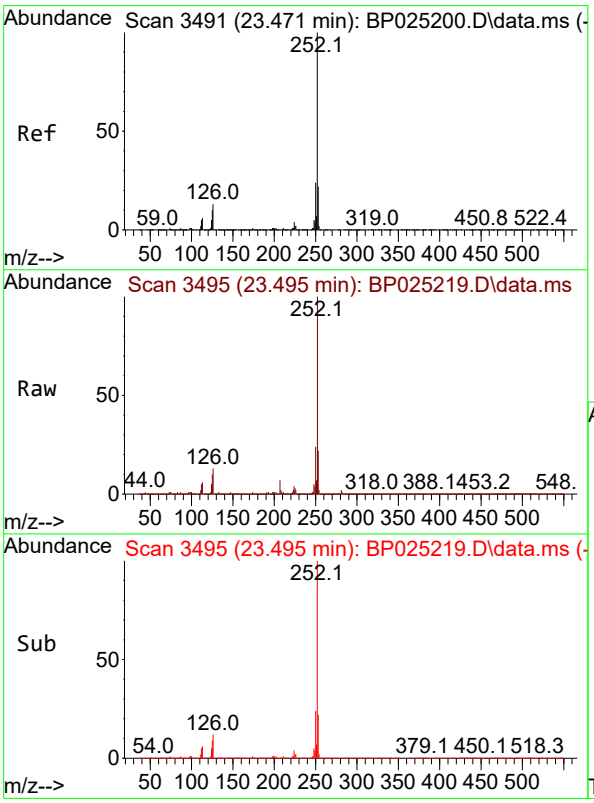
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.332 ng
RT: 28.007 min Scan# 4
Delta R.T. 0.036 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 9114238

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.8	19.2
277	22.5	20.3	30.5

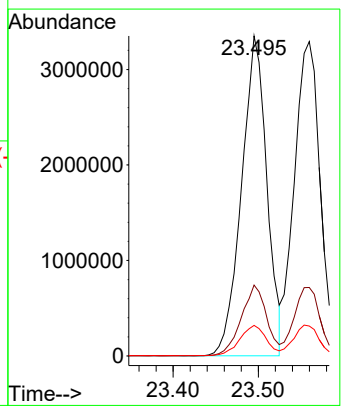


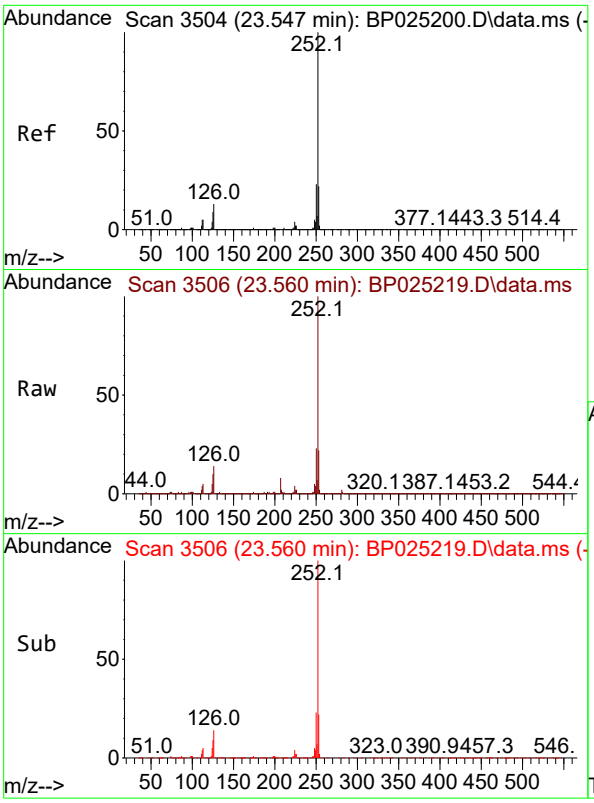


#88
Benzo(b)fluoranthene
Concen: 39.151 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6930203

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.6	7.8	11.8



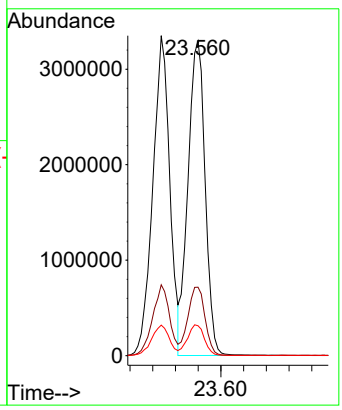


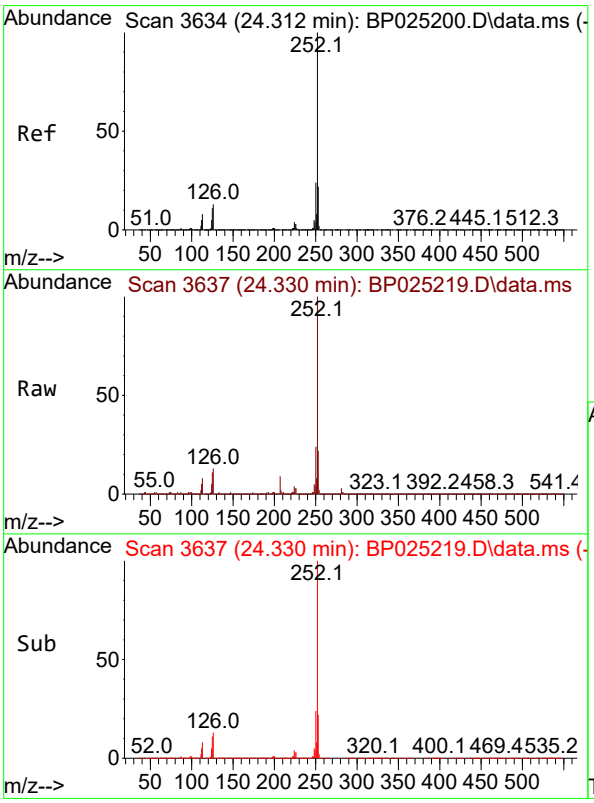
#89
Benzo(k)fluoranthene
Concen: 39.505 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 6903516

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.5	7.5	11.3

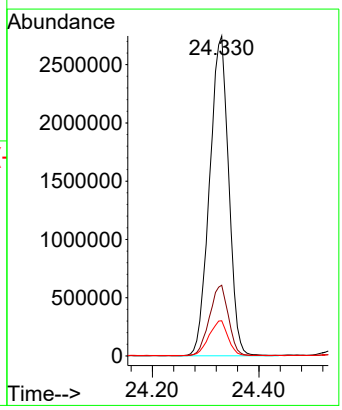


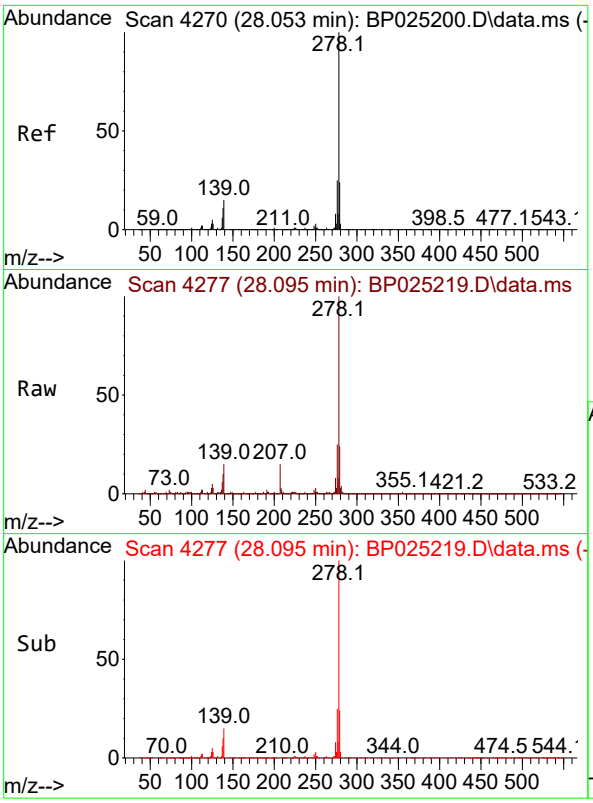


#90
Benzo(a)pyrene
Concen: 39.488 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6819808

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.0	8.6	12.8



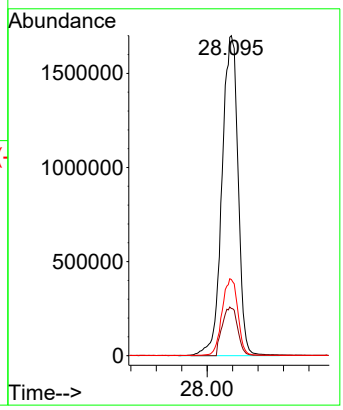


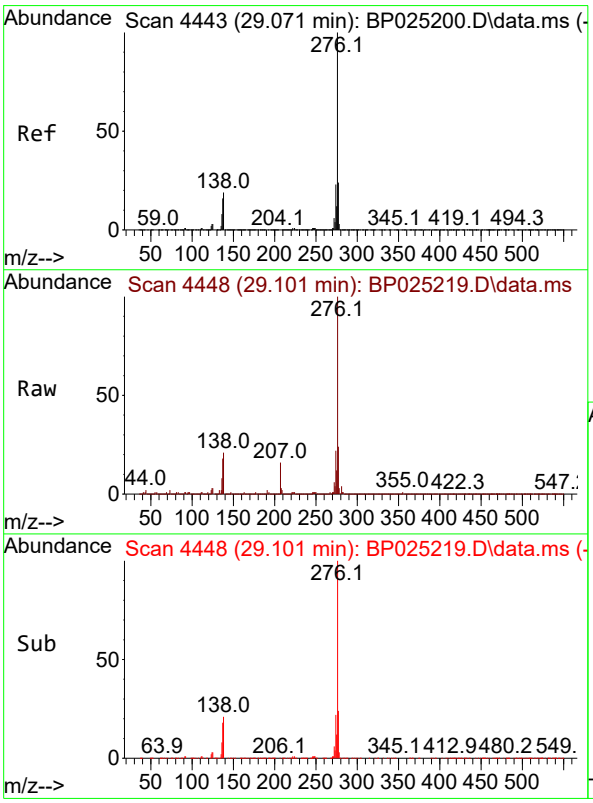
#91
Dibenzo(a,h)anthracene
Concen: 40.499 ng
RT: 28.095 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7466678

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.8	19.5	29.3

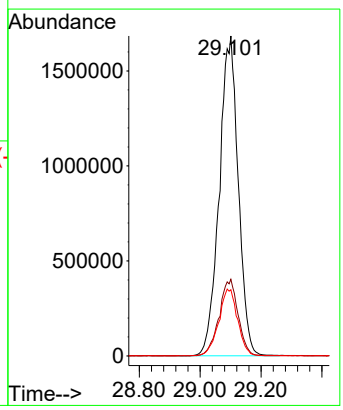




#92
Benzo(g,h,i)perylene
Concen: 40.219 ng
RT: 29.101 min Scan# 4448
Delta R.T. 0.030 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:276 Resp: 7287179

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.7	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
2		1,4-Dioxane	0.444	0.442	0.5	67	0.00
3		Pyridine	1.188	1.182	0.5	66	0.00
4		n-Nitrosodimethylamine	0.471	0.467	0.8	65	0.00
5	S	2-Fluorophenol	1.184	1.179	0.4	66	0.00
6		Aniline	1.916	1.952	-1.9	66	0.00
7	S	Phenol-d6	1.466	1.476	-0.7	65	0.00
8		2-Chlorophenol	1.343	1.350	-0.5	66	0.00
9		Benzaldehyde	0.994	0.962	3.2	56	0.00
10	C	Phenol	1.520	1.537	-1.1	66	0.00
11		bis(2-Chloroethyl)ether	1.166	1.175	-0.8	66	0.00
12		1,3-Dichlorobenzene	1.510	1.485	1.7	65	0.00
13	C	1,4-Dichlorobenzene	1.525	1.514	0.7	65	0.00
14		1,2-Dichlorobenzene	1.467	1.463	0.3	66	0.00
15		Benzyl Alcohol	1.057	1.081	-2.3	66	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.471	1.3	64	0.00
17		2-Methylphenol	1.054	1.073	-1.8	66	0.00
18		Hexachloroethane	0.524	0.519	1.0	65	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.913	-3.5	67	0.00
20		3+4-Methylphenols	1.438	1.469	-2.2	66	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
22		Acetophenone	0.465	0.463	0.4	67	0.00
23	S	Nitrobenzene-d5	0.360	0.360	0.0	66	0.00
24		Nitrobenzene	0.321	0.322	-0.3	66	0.00
25		Isophorone	0.633	0.629	0.6	65	0.00
26	C	2-Nitrophenol	0.184	0.188	-2.2	67	0.00
27		2,4-Dimethylphenol	0.308	0.308	0.0	66	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.392	1.0	66	0.00
29	C	2,4-Dichlorophenol	0.317	0.318	-0.3	66	0.01
30		1,2,4-Trichlorobenzene	0.346	0.336	2.9	65	0.00
31		Naphthalene	1.023	1.020	0.3	66	0.00
32		Benzoic acid	0.235	0.226	3.8	62	0.00
33		4-Chloroaniline	0.450	0.456	-1.3	68	0.00
34	C	Hexachlorobutadiene	0.208	0.203	2.4	65	0.00
35		Caprolactam	0.105	0.106	-1.0	68	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.321	-1.3	68	0.00
37		2-Methylnaphthalene	0.665	0.659	0.9	66	0.00
38		1-Methylnaphthalene	0.698	0.698	0.0	66	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	66	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.599	0.0	67	0.00
41	P	Hexachlorocyclopentadiene	0.358	0.377	-5.3	70	0.00
42	S	2,4,6-Tribromophenol	0.295	0.297	-0.7	68	-0.01
43	C	2,4,6-Trichlorophenol	0.410	0.416	-1.5	67	0.00
44		2,4,5-Trichlorophenol	0.451	0.455	-0.9	66	0.00
45	S	2-Fluorobiphenyl	1.419	1.437	-1.3	67	0.00
46		1,1'-Biphenyl	1.450	1.460	-0.7	67	0.00
47		2-Chloronaphthalene	1.132	1.135	-0.3	67	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.289	0.300	-3.8	68	-0.01
49		Acenaphthylene	1.831	1.855	-1.3	67	-0.01
50		Dimethylphthalate	1.430	1.428	0.1	68	0.00
51		2,6-Dinitrotoluene	0.311	0.315	-1.3	67	0.00
52	C	Acenaphthene	1.059	1.059	0.0	67	0.00
53		3-Nitroaniline	0.350	0.351	-0.3	67	0.00
54	P	2,4-Dinitrophenol	0.184	0.191	-3.8	69	0.00
55		Dibenzofuran	1.710	1.713	-0.2	67	0.00
56	P	4-Nitrophenol	0.300	0.303	-1.0	69	0.00
57		2,4-Dinitrotoluene	0.435	0.448	-3.0	68	0.00
58		Fluorene	1.358	1.377	-1.4	68	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.404	-1.3	68	0.00
60		Diethylphthalate	1.410	1.410	0.0	67	0.00
61		4-Chlorophenyl-phenylether	0.686	0.685	0.1	67	0.00
62		4-Nitroaniline	0.356	0.368	-3.4	70	0.00
63		Azobenzene	1.149	1.151	-0.2	67	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.133	-3.1	70	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.594	2.1	68	0.00
67		4-Bromophenyl-phenylether	0.233	0.229	1.7	68	0.00
68		Hexachlorobenzene	0.277	0.268	3.2	66	0.00
69		Atrazine	0.225	0.221	1.8	69	-0.01
70	C	Pentachlorophenol	0.188	0.185	1.6	67	0.00
71		Phenanthrene	1.079	1.056	2.1	68	0.00
72		Anthracene	1.087	1.071	1.5	68	-0.01
73		Carbazole	1.037	1.015	2.1	68	0.00
74		Di-n-butylphthalate	1.197	1.238	-3.4	71	0.00
75	C	Fluoranthene	1.270	1.247	1.8	69	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	70	0.01
77		Benzidine	0.702	0.782	-11.4	64	0.01
78		Pyrene	1.233	1.269	-2.9	70	0.01
79	S	Terphenyl-d14	1.013	1.053	-3.9	82	0.00
80		Butylbenzylphthalate	0.558	0.561	-0.5	69	0.00
81		Benzo(a)anthracene	1.263	1.259	0.3	70	0.00
82		3,3'-Dichlorobenzidine	0.524	0.522	0.4	71	0.02
83		Chrysene	1.179	1.202	-2.0	72	0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.794	0.5	69	0.01
85	c	Di-n-octyl phthalate	1.378	1.420	-3.0	71	0.02
86	I	Perylene-d12	1.000	1.000	0.0	71	0.01
87		Indeno(1,2,3-cd)pyrene	1.462	1.474	-0.8	74	0.04
88		Benzo(b)fluoranthene	1.145	1.121	2.1	70	0.02
89		Benzo(k)fluoranthene	1.130	1.116	1.2	70	0.01
90	C	Benzo(a)pyrene	1.117	1.103	1.3	71	0.02
91		Dibenzo(a,h)anthracene	1.192	1.207	-1.3	73	0.04
92		Benzo(g,h,i)perylene	1.172	1.178	-0.5	73	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	65	0.00
2		1,4-Dioxane	40.000	39.868	0.3	67	0.00
3		Pyridine	40.000	39.826	0.4	66	0.00
4		n-Nitrosodimethylamine	40.000	39.659	0.9	65	0.00
5	S	2-Fluorophenol	80.000	79.702	0.4	66	0.00
6		Aniline	40.000	40.744	-1.9	66	0.00
7	S	Phenol-d6	80.000	80.555	-0.7	65	0.00
8		2-Chlorophenol	40.000	40.208	-0.5	66	0.00
9		Benzaldehyde	40.000	38.721	3.2	56	0.00
10	C	Phenol	40.000	40.446	-1.1	66	0.00
11		bis(2-Chloroethyl)ether	40.000	40.333	-0.8	66	0.00
12		1,3-Dichlorobenzene	40.000	39.335	1.7	65	0.00
13	C	1,4-Dichlorobenzene	40.000	39.724	0.7	65	0.00
14		1,2-Dichlorobenzene	40.000	39.912	0.2	66	0.00
15		Benzyl Alcohol	40.000	40.898	-2.2	66	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.458	1.4	64	0.00
17		2-Methylphenol	40.000	40.716	-1.8	66	0.00
18		Hexachloroethane	40.000	39.625	0.9	65	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.403	-3.5	67	0.00
20		3+4-Methylphenols	40.000	40.863	-2.2	66	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	65	0.00
22		Acetophenone	40.000	39.833	0.4	67	0.00
23	S	Nitrobenzene-d5	80.000	80.111	-0.1	66	0.00
24		Nitrobenzene	40.000	40.088	-0.2	66	0.00
25		Isophorone	40.000	39.759	0.6	65	0.00
26	C	2-Nitrophenol	40.000	40.821	-2.1	67	0.00
27		2,4-Dimethylphenol	40.000	40.011	-0.0	66	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.596	1.0	66	0.00
29	C	2,4-Dichlorophenol	40.000	40.108	-0.3	66	0.01
30		1,2,4-Trichlorobenzene	40.000	38.895	2.8	65	0.00
31		Naphthalene	40.000	39.861	0.3	66	0.00
32		Benzoic acid	40.000	38.480	3.8	62	0.00
33		4-Chloroaniline	40.000	40.557	-1.4	68	0.00
34	C	Hexachlorobutadiene	40.000	39.076	2.3	65	0.00
35		Caprolactam	40.000	40.170	-0.4	68	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.618	-1.5	68	0.00
37		2-Methylnaphthalene	40.000	39.677	0.8	66	0.00
38		1-Methylnaphthalene	40.000	39.968	0.1	66	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	66	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.944	0.1	67	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.194	-5.5	70	0.00
42	S	2,4,6-Tribromophenol	80.000	80.568	-0.7	68	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.592	-1.5	67	0.00
44		2,4,5-Trichlorophenol	40.000	40.380	-1.0	66	0.00
45	S	2-Fluorobiphenyl	80.000	81.023	-1.3	67	0.00
46		1,1'-Biphenyl	40.000	40.278	-0.7	67	0.00
47		2-Chloronaphthalene	40.000	40.098	-0.2	67	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.473	-3.7	68	-0.01
49		Acenaphthylene	40.000	40.533	-1.3	67	-0.01
50		Dimethylphthalate	40.000	39.945	0.1	68	0.00
51		2,6-Dinitrotoluene	40.000	40.513	-1.3	67	0.00
52	C	Acenaphthene	40.000	40.018	-0.0	67	0.00
53		3-Nitroaniline	40.000	40.071	-0.2	67	0.00
54	P	2,4-Dinitrophenol	40.000	41.472	-3.7	69	0.00
55		Dibenzofuran	40.000	40.066	-0.2	67	0.00
56	P	4-Nitrophenol	40.000	40.436	-1.1	69	0.00
57		2,4-Dinitrotoluene	40.000	41.217	-3.0	68	0.00
58		Fluorene	40.000	40.579	-1.4	68	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.533	-1.3	68	0.00
60		Diethylphthalate	40.000	40.011	-0.0	67	0.00
61		4-Chlorophenyl-phenylether	40.000	39.925	0.2	67	0.00
62		4-Nitroaniline	40.000	41.319	-3.3	70	0.00
63		Azobenzene	40.000	40.086	-0.2	67	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.175	-2.9	70	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.125	2.2	68	0.00
67		4-Bromophenyl-phenylether	40.000	39.169	2.1	68	0.00
68		Hexachlorobenzene	40.000	38.695	3.3	66	0.00
69		Atrazine	40.000	39.387	1.5	69	-0.01
70	C	Pentachlorophenol	40.000	39.338	1.7	67	0.00
71		Phenanthrene	40.000	39.150	2.1	68	0.00
72		Anthracene	40.000	39.414	1.5	68	-0.01
73		Carbazole	40.000	39.157	2.1	68	0.00
74		Di-n-butylphthalate	40.000	41.369	-3.4	71	0.00
75	C	Fluoranthene	40.000	39.305	1.7	69	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	70	0.01
77		Benzidine	40.000	44.552	-11.4	64	0.01
78		Pyrene	40.000	41.170	-2.9	70	0.01
79	S	Terphenyl-d14	80.000	83.178	-4.0	82	0.00
80		Butylbenzylphthalate	40.000	40.212	-0.5	69	0.00
81		Benzo(a)anthracene	40.000	39.878	0.3	70	0.00
82		3,3'-Dichlorobenzidine	40.000	39.849	0.4	71	0.02
83		Chrysene	40.000	40.790	-2.0	72	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	39.770	0.6	69	0.01
85	c	Di-n-octyl phthalate	40.000	41.223	-3.1	71	0.02
86	I	Perylene-d12	20.000	20.000	0.0	71	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	40.332	-0.8	74	0.04
88		Benzo(b)fluoranthene	40.000	39.151	2.1	70	0.02
89		Benzo(k)fluoranthene	40.000	39.505	1.2	70	0.01
90	C	Benzo(a)pyrene	40.000	39.488	1.3	71	0.02
91		Dibenzo(a,h)anthracene	40.000	40.499	-1.2	73	0.04
92		Benzo(g,h,i)perylene	40.000	40.219	-0.5	73	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

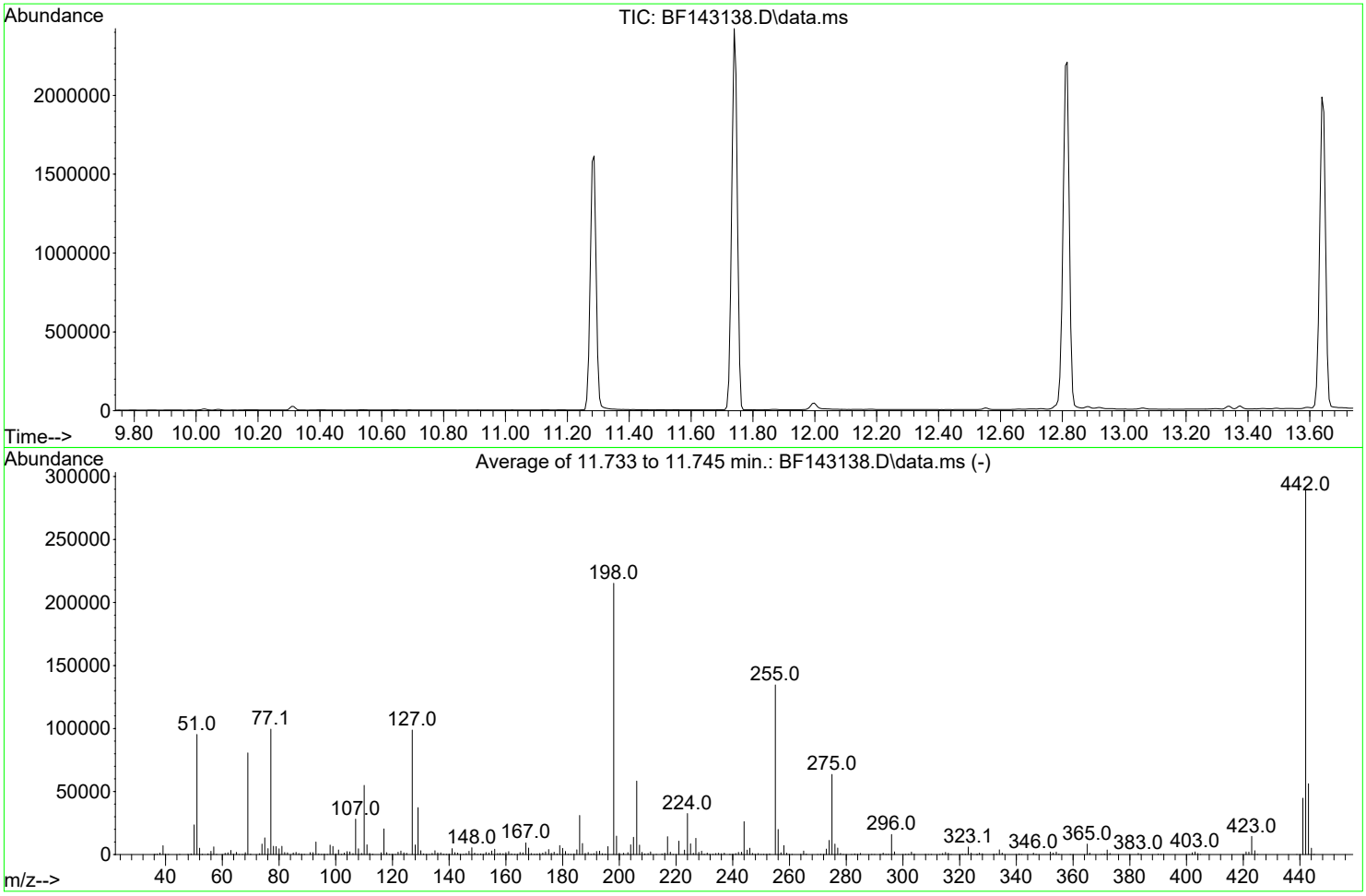
Sample Results: **BF143138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



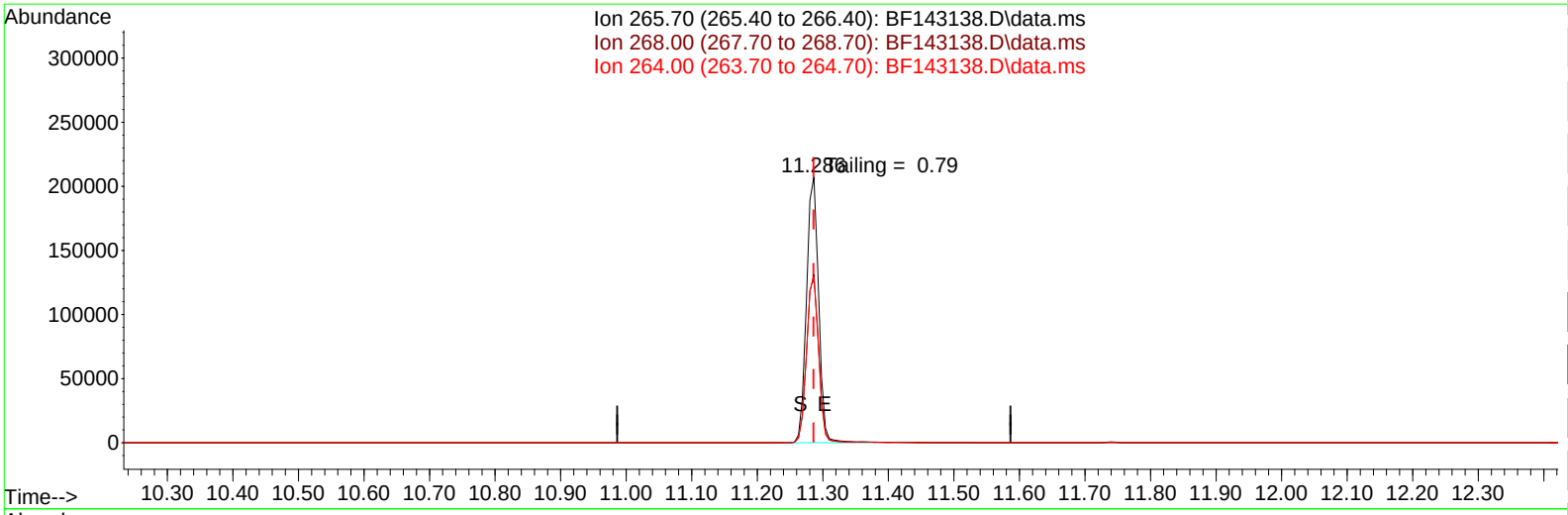
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

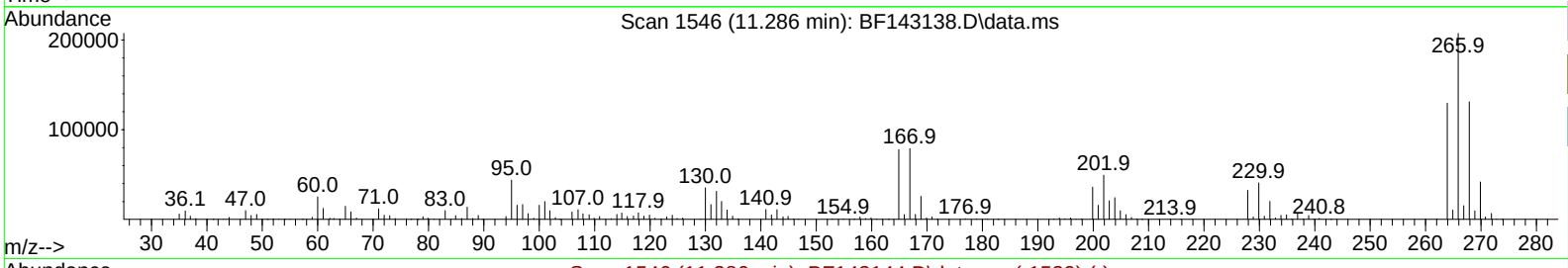
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1515	PASS
69	69	100	100	100.0	80680	PASS
70	69	0.00	2	0.5	430	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	215296	PASS
199	198	5	9	6.8	14617	PASS
365	198	1	100	3.8	8287	PASS
441	443	0.01	150	79.6	44723	PASS
442	442	100	100	100.0	288853	PASS
443	442	15	24	19.5	56203	PASS

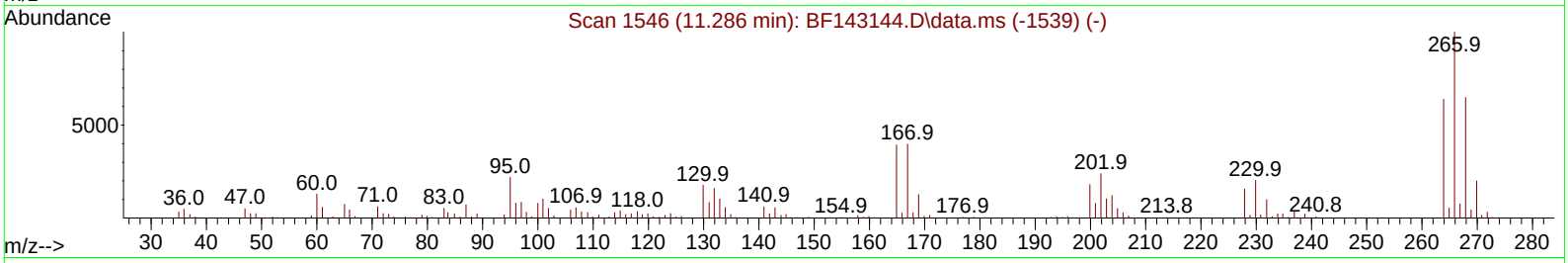
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29509.64 ng

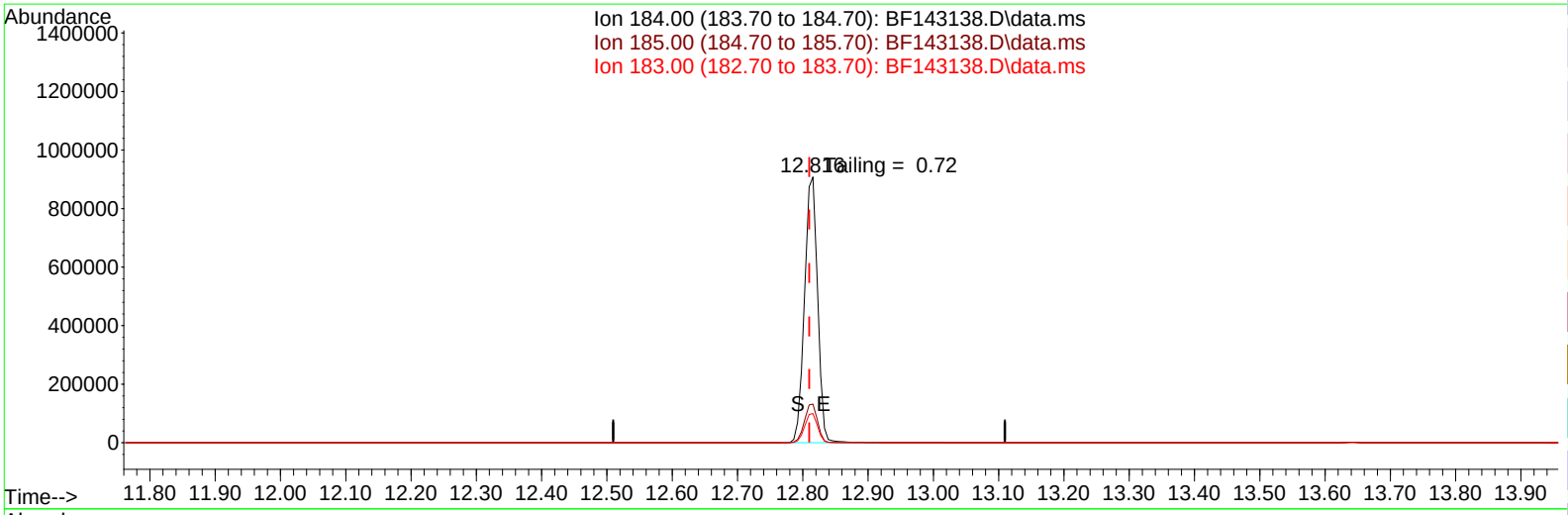
response 268044

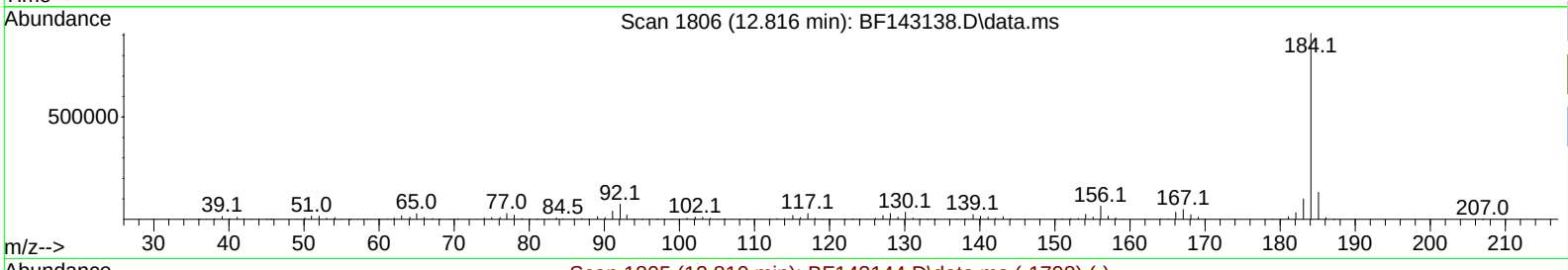
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.24
264.00	63.80	62.50
0.00	0.00	0.00

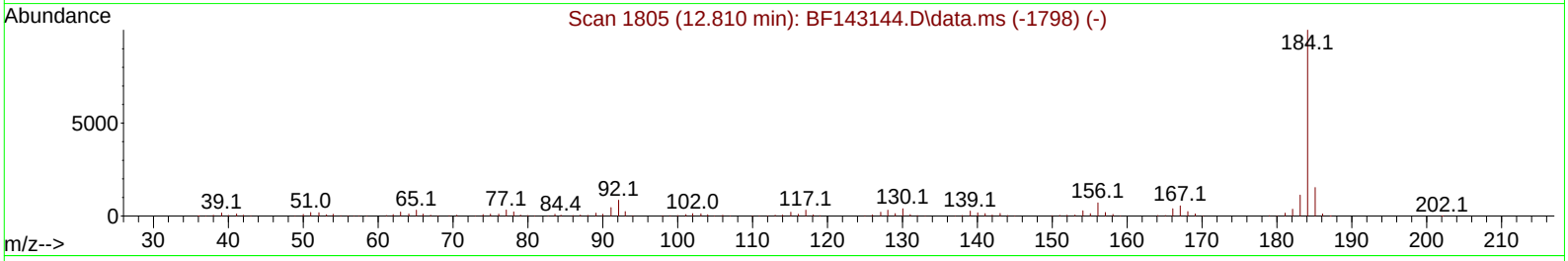
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 1266864

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	BF143138.D
Compound Name	**Response**	**Retention Time**
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9816	500060	1.96

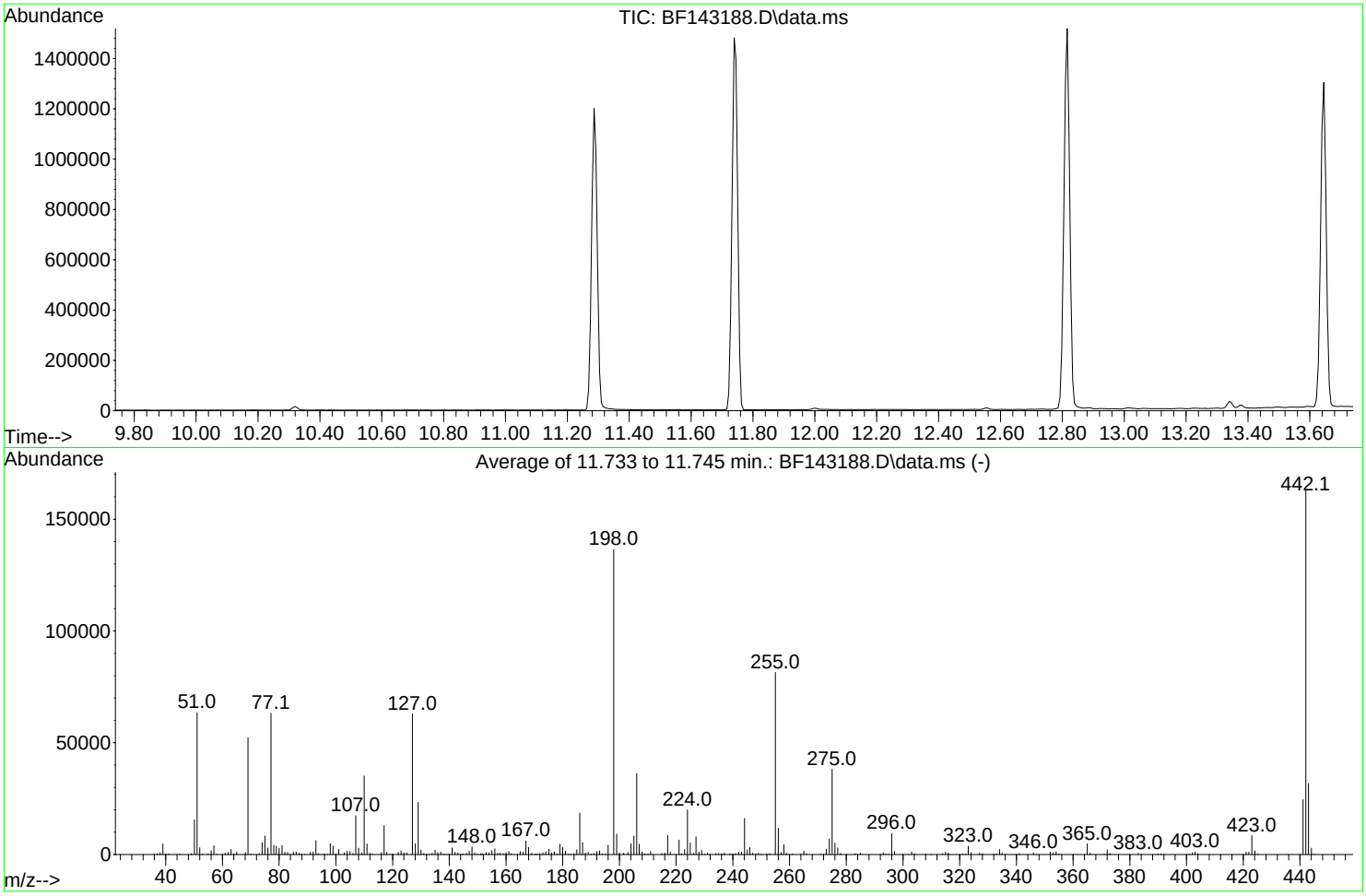
Sample Results: **BF143188.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
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\8270E-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 23 16:55:25 2022



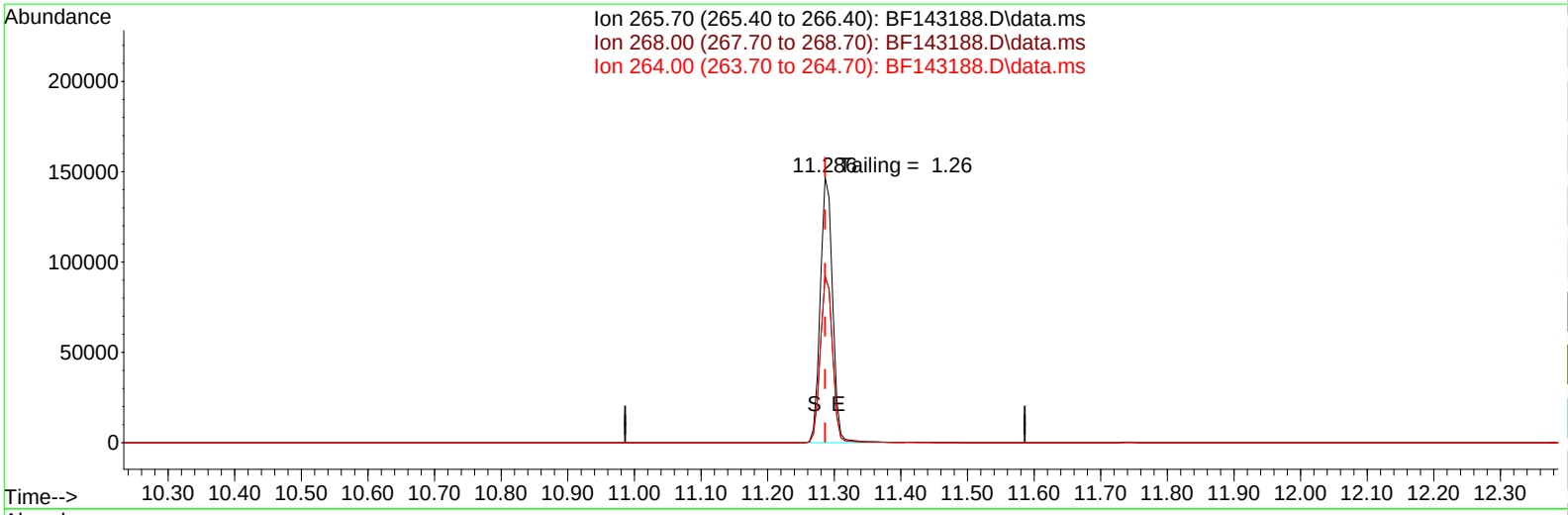
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

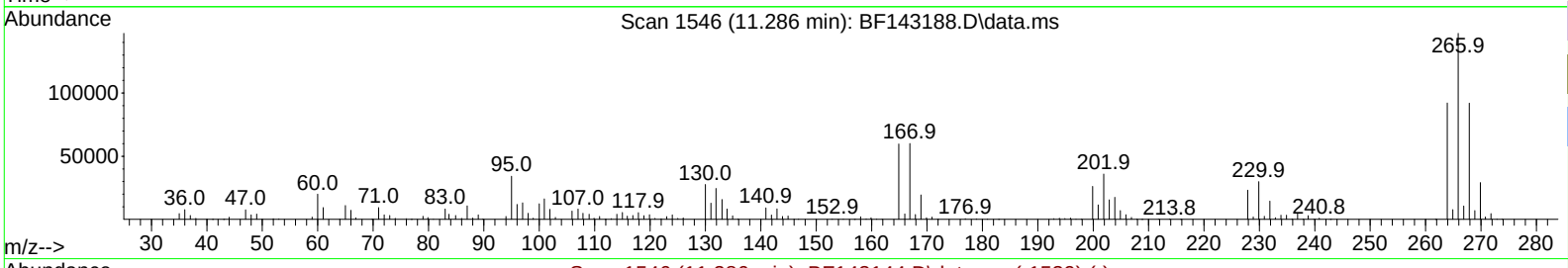
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	941	PASS
69	69	100	100	100.0	52240	PASS
70	69	0.00	2	0.5	245	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	136379	PASS
199	198	5	9	6.7	9132	PASS
365	198	1	100	3.5	4754	PASS
441	443	0.01	150	77.4	24601	PASS
442	442	100	100	100.0	162824	PASS
443	442	15	24	19.5	31792	PASS

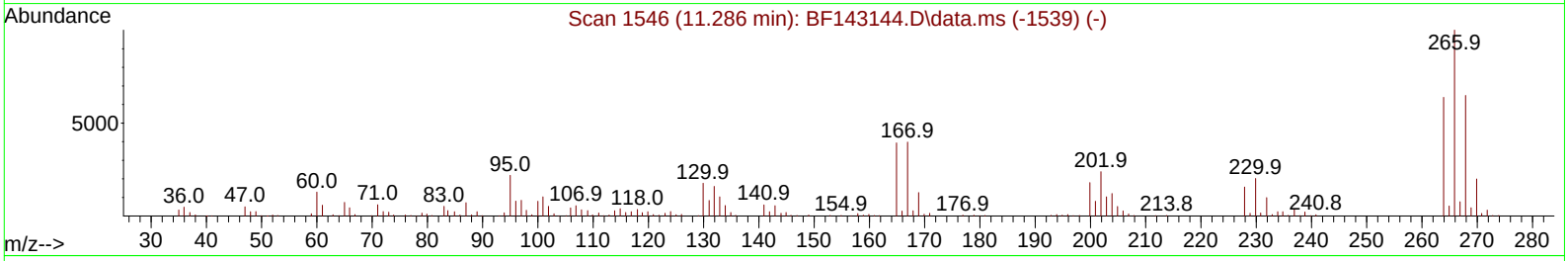
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 15:28:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143188.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29592.15 ng

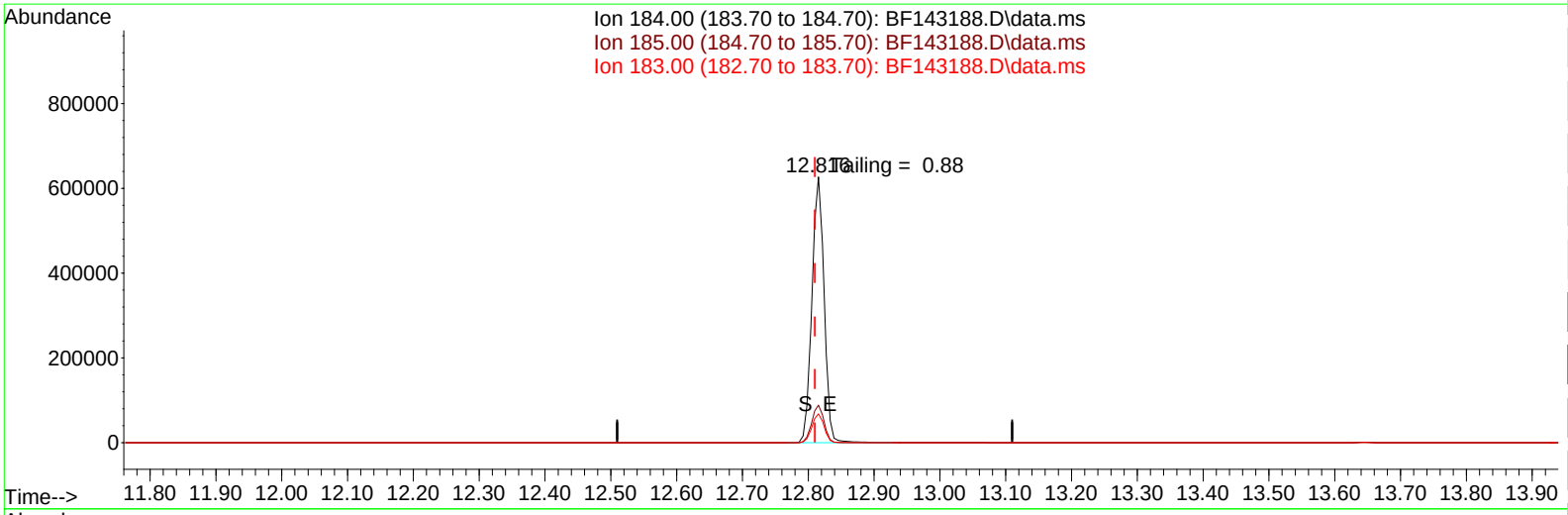
response 189456

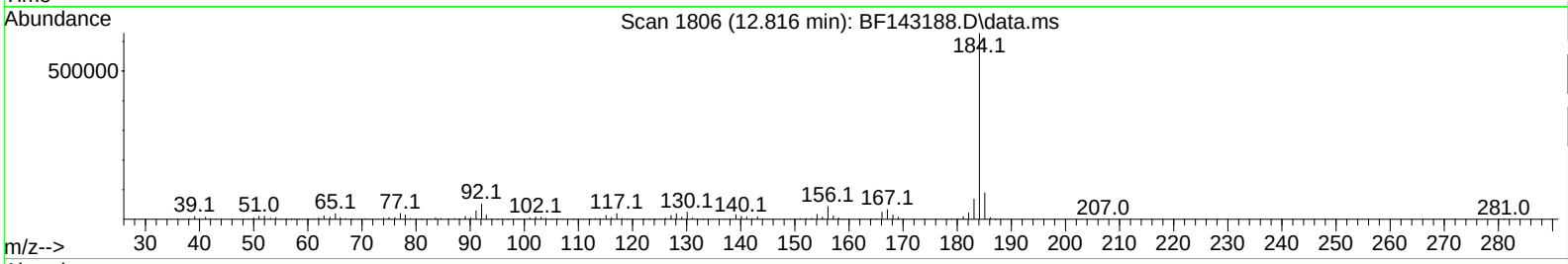
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.53
264.00	63.80	62.63
0.00	0.00	0.00

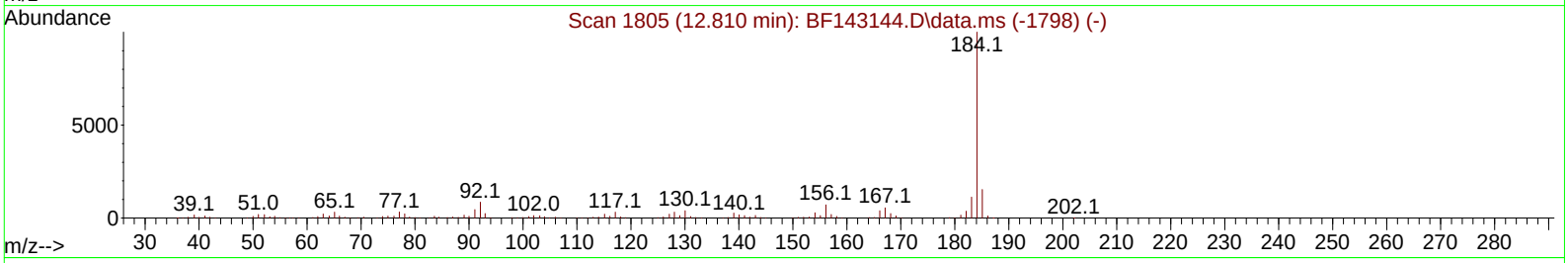
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 15:28:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143188.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 811788

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.15
183.00	11.20	10.89
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

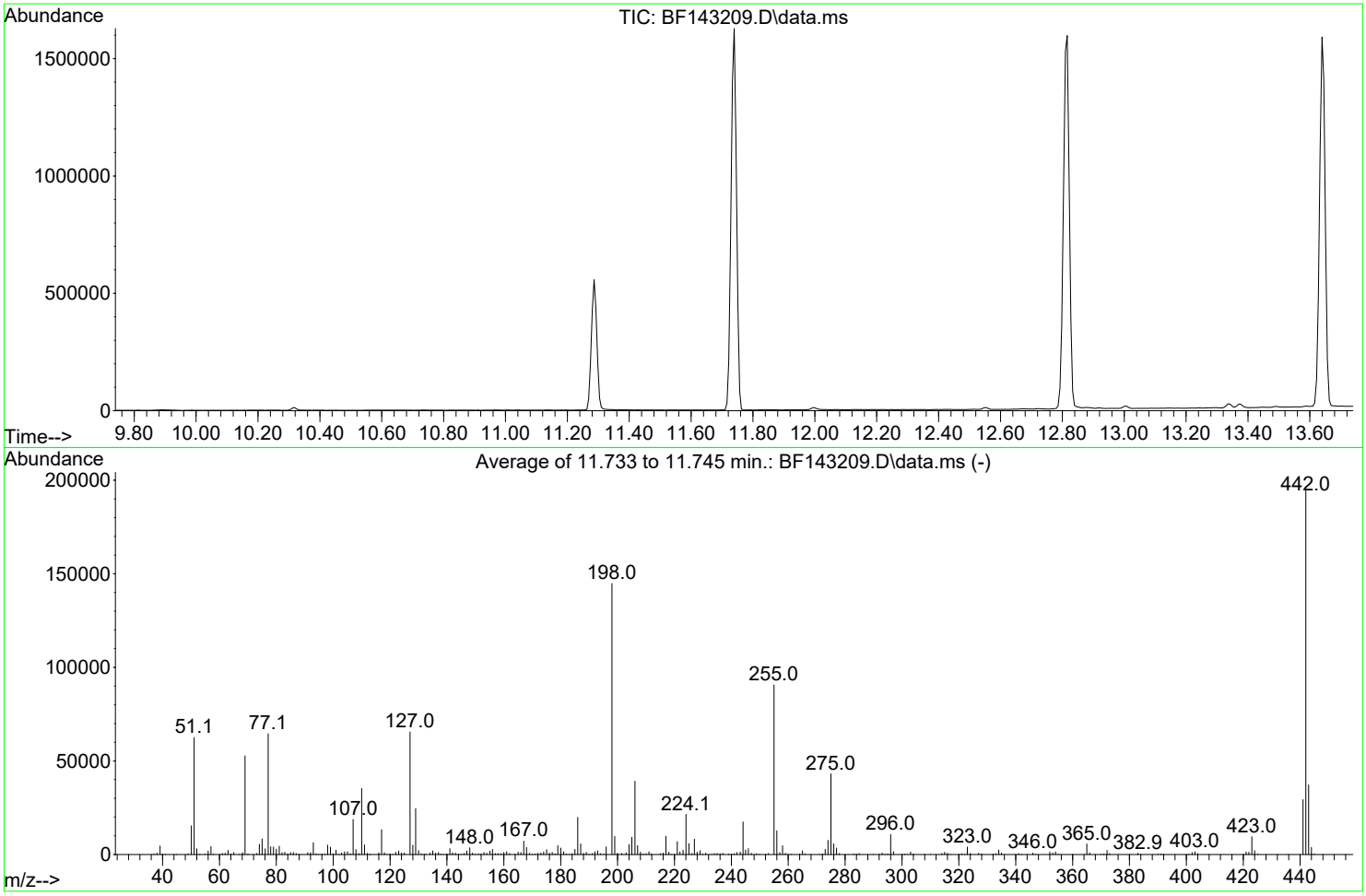
Date	Instrument Name	DFTPP Data File
7/22/2025	BNA_F	BF143188.D
Compound Name	**Response**	**Retention Time**
DDT	317873	13.645
DDD	10239	13.339
DDE	1665	13.01
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
11904	329777	3.61

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



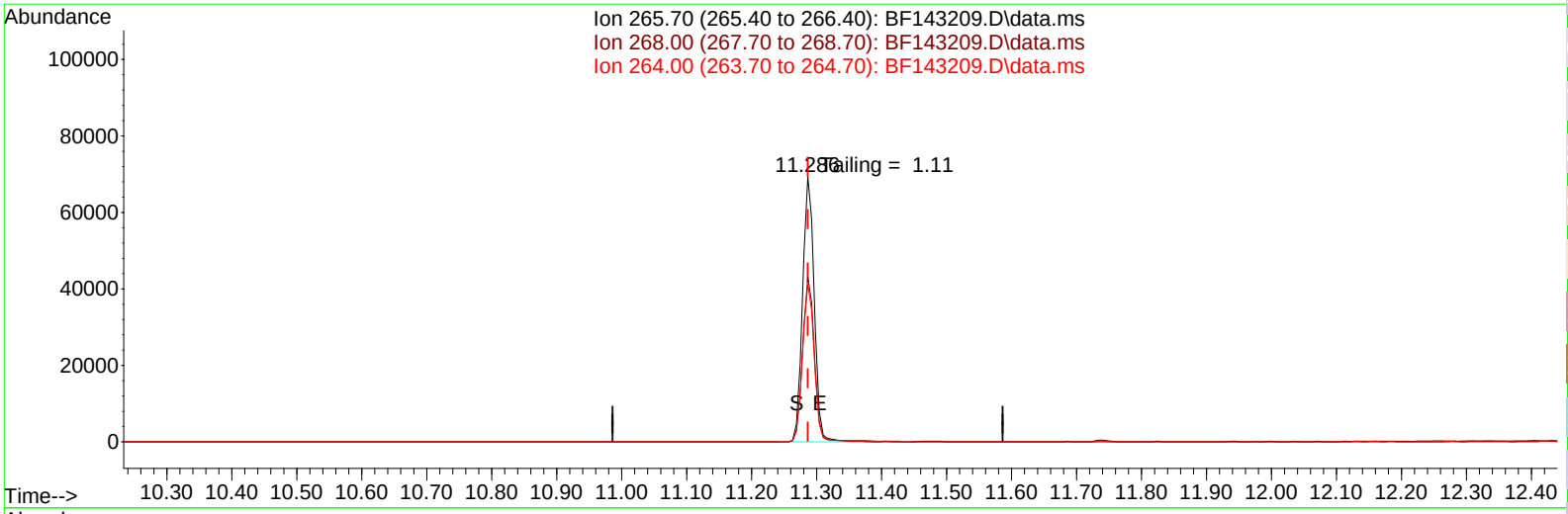
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

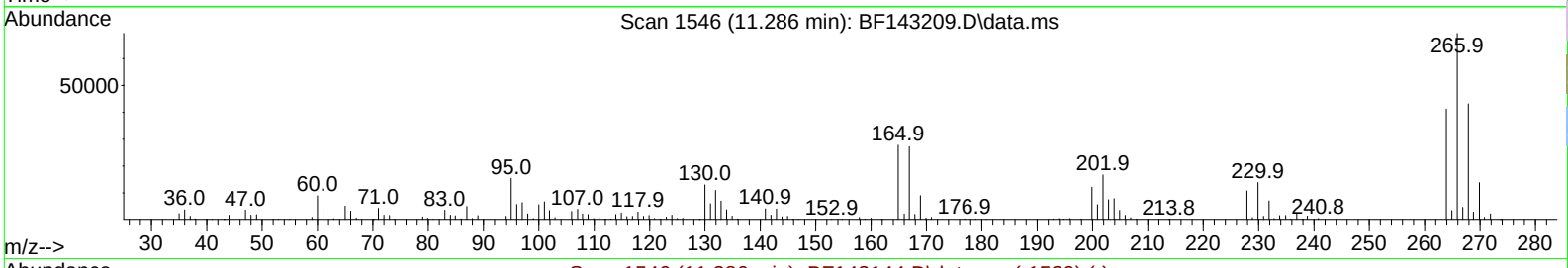
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1017	PASS
69	69	100	100	100.0	52688	PASS
70	69	0.00	2	0.6	323	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144864	PASS
199	198	5	9	6.7	9687	PASS
365	198	1	100	3.9	5697	PASS
441	443	0.01	150	78.8	29299	PASS
442	442	100	100	100.0	194453	PASS
443	442	15	24	19.1	37184	PASS

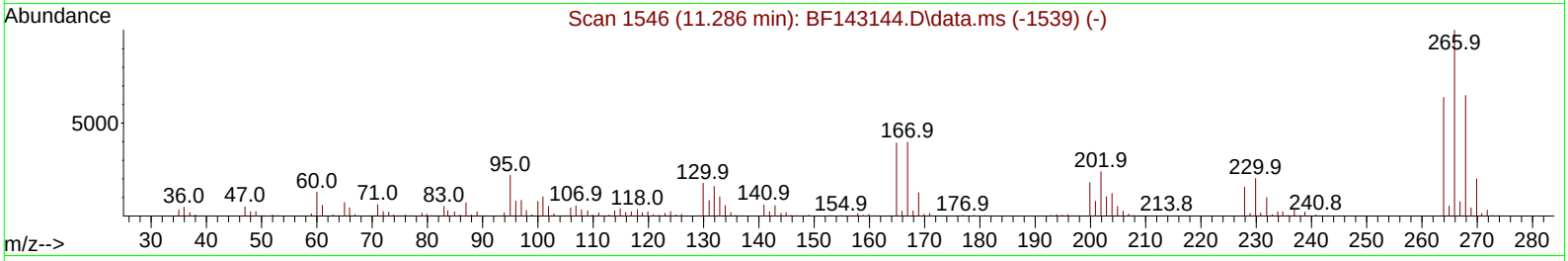
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143209.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 14501.34 ng

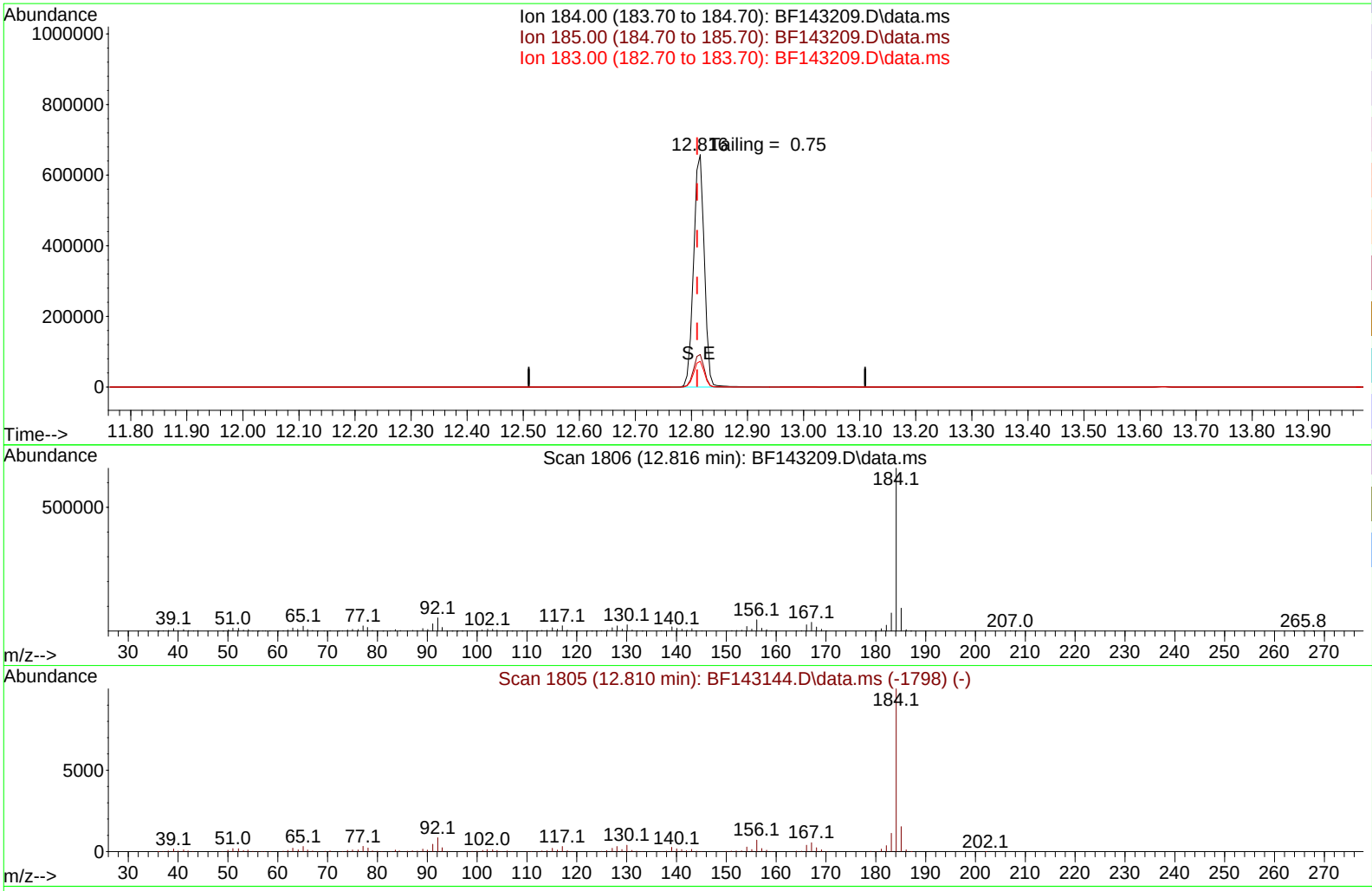
response 87636

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.26
264.00	63.80	59.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143209.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 876486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.03
183.00	11.20	11.13
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_F	BF143209.D
Compound Name	**Response**	**Retention Time**
DDT	391883	13.639
DDD	8780	13.339
DDE	2192	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10972	402855	2.72

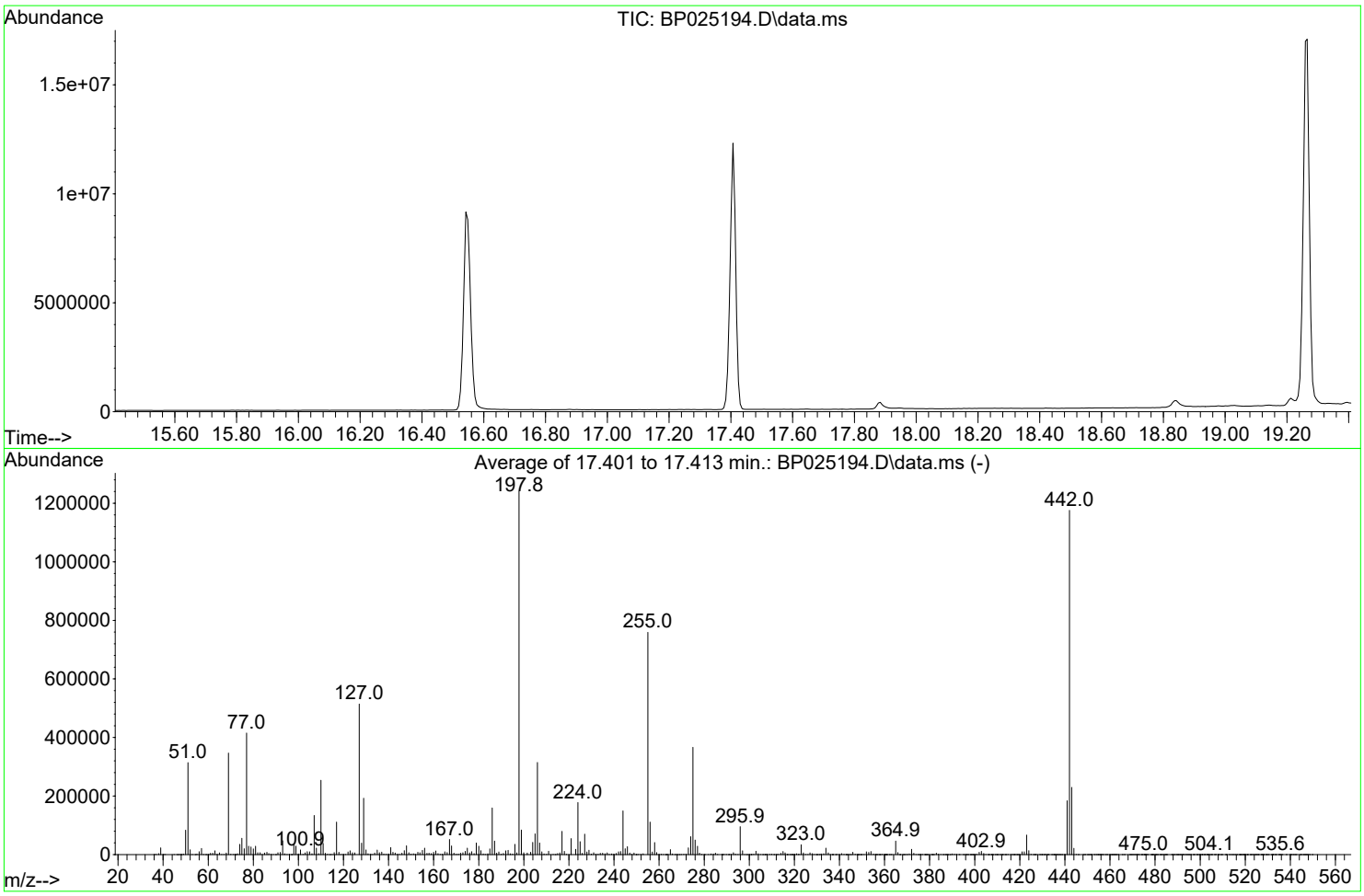
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2447

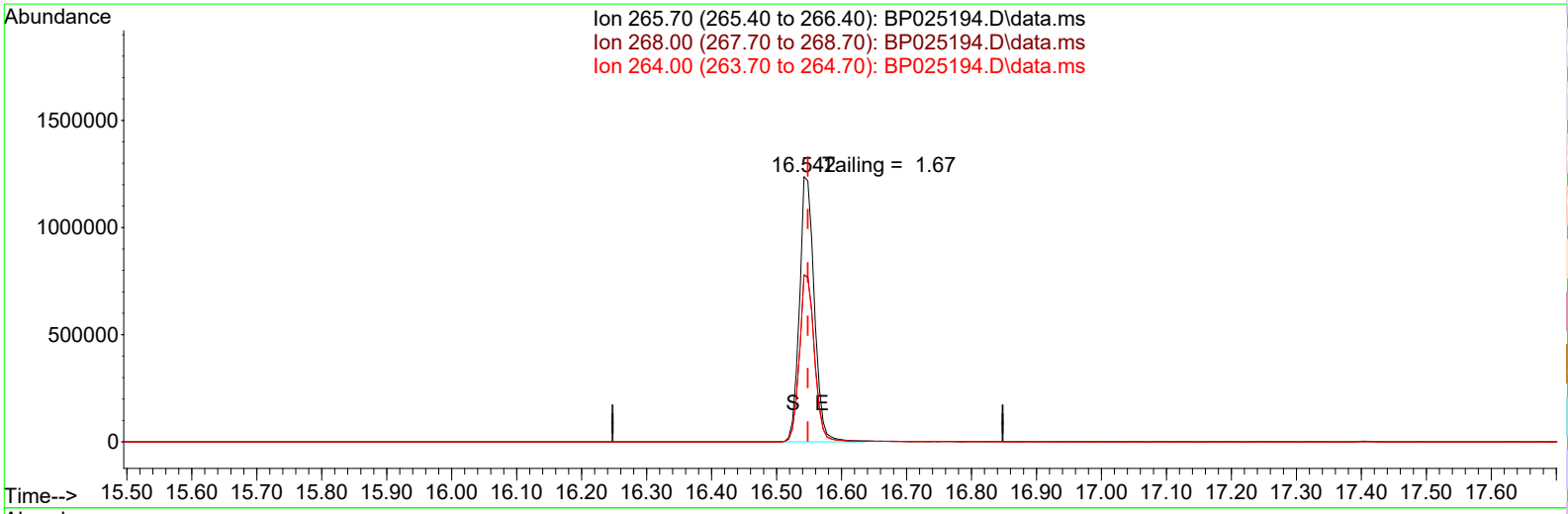
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5798	PASS
69	69	100	100	100.0	347092	PASS
70	69	0.00	2	0.5	1776	PASS
197	198	0.00	2	0.5	5935	PASS
198	198	100	100	100.0	1240464	PASS
199	198	5	9	6.8	84213	PASS
365	198	1	100	3.7	46101	PASS
441	443	0.01	150	80.1	183987	PASS
442	442	100	100	100.0	1176021	PASS
443	442	15	24	19.5	229824	PASS

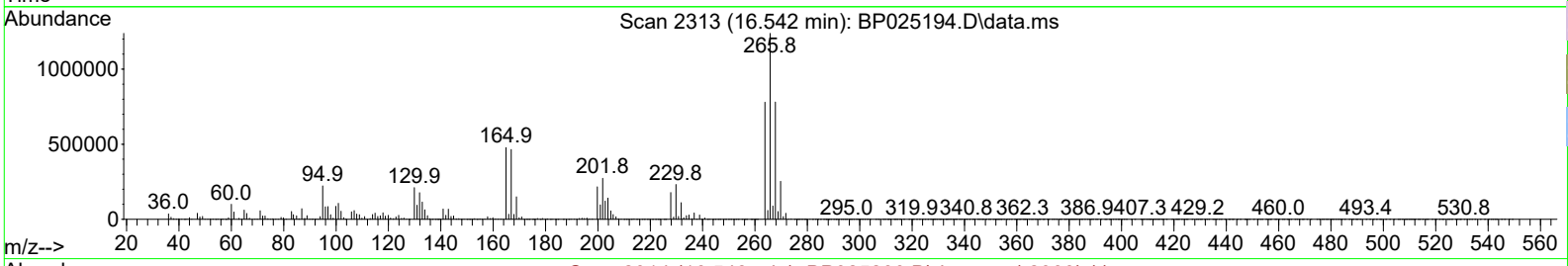
Quantitation Report (Qedit)

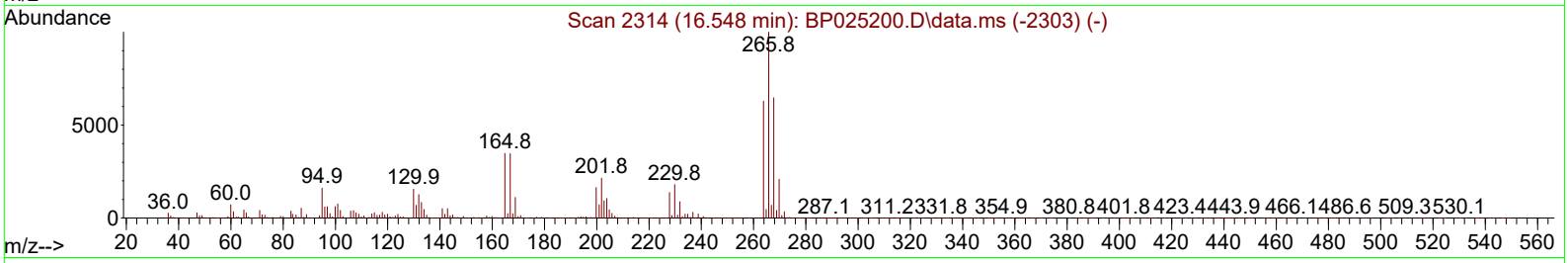
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025194.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 139254.46 ng

response 1981776

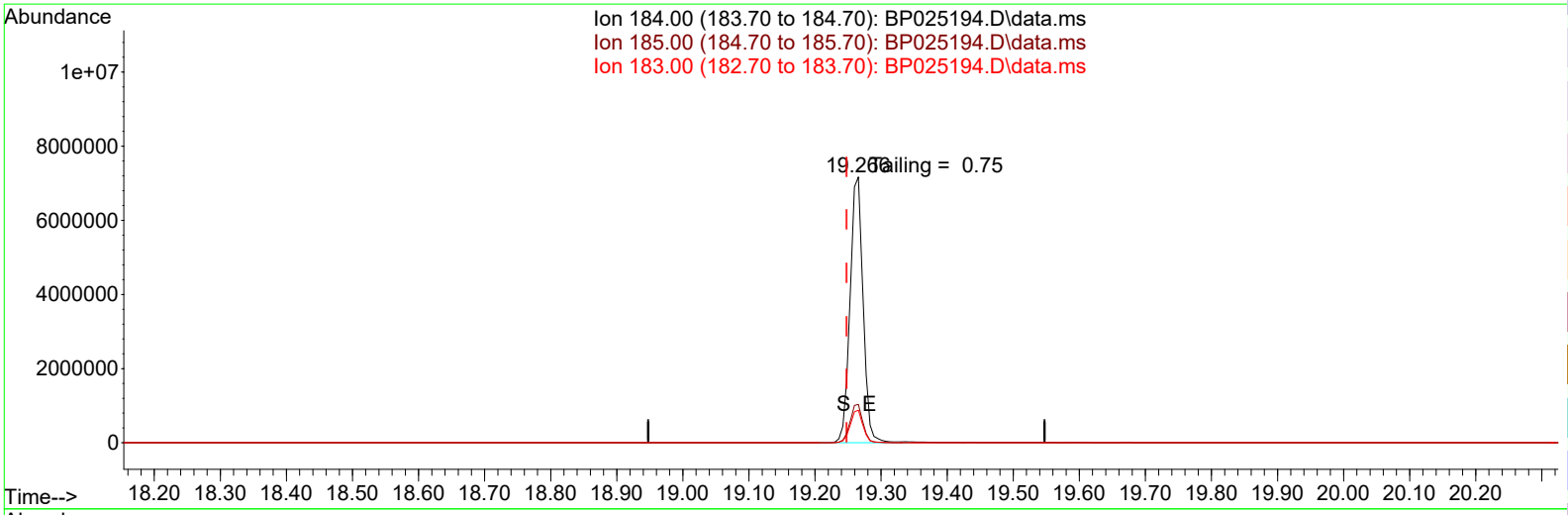
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.05
264.00	62.90	62.98
0.00	0.00	0.00

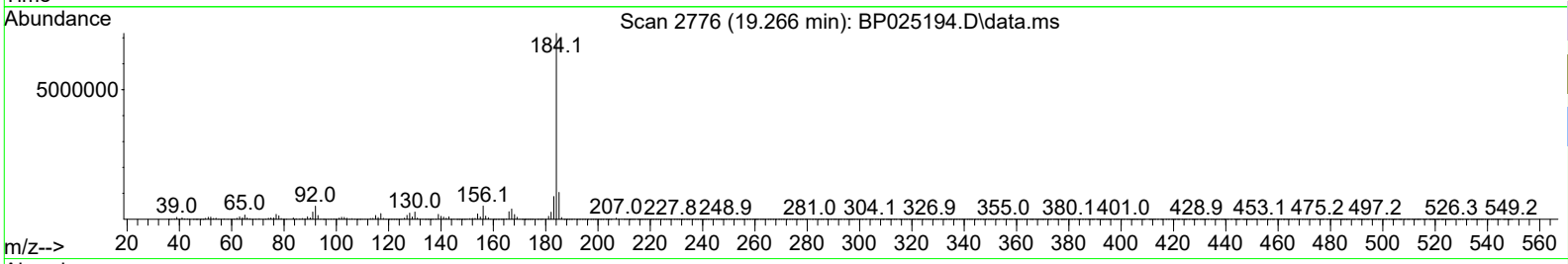
Quantitation Report (Qedit)

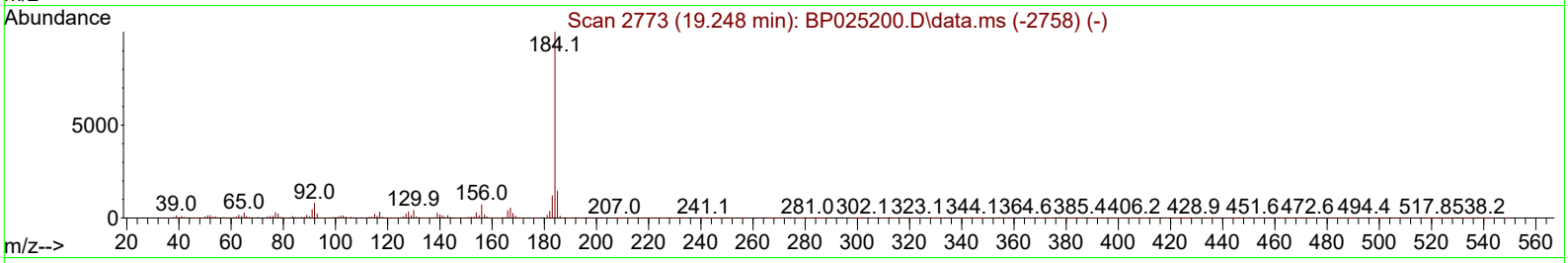
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025194.D\data.ms

(77) Benzidine

19.266min (+ 0.018) 25003.16 ng

response 9830583

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.45
183.00	12.00	12.25
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

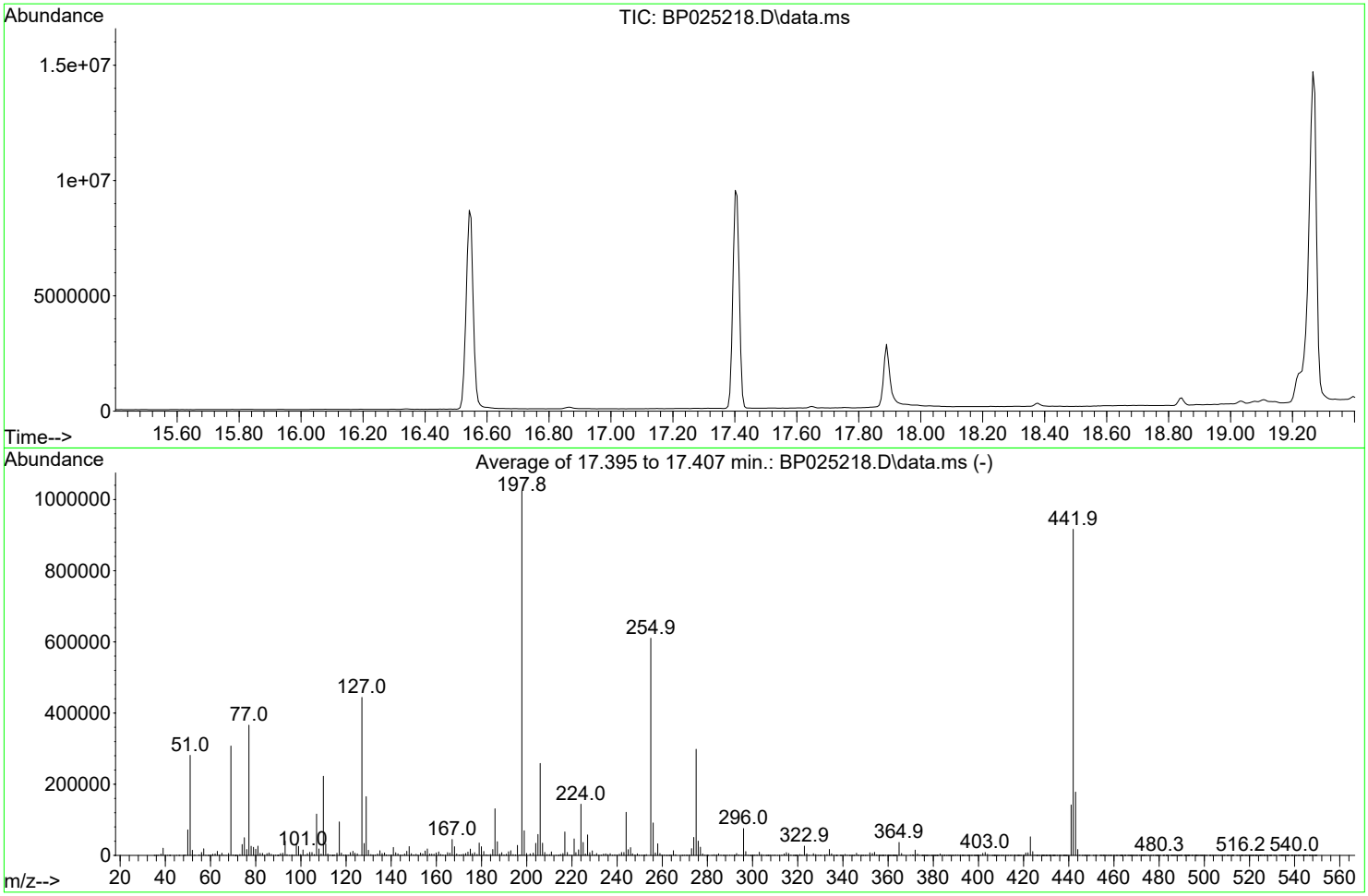
DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/21/2025	BNA_P	BP025194.D
Compound Name	**Response**	**Retention Time**
DDT	4575135	20.571
DDD	116048	20.101
DDE	9251	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
125299	4700434	2.67

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



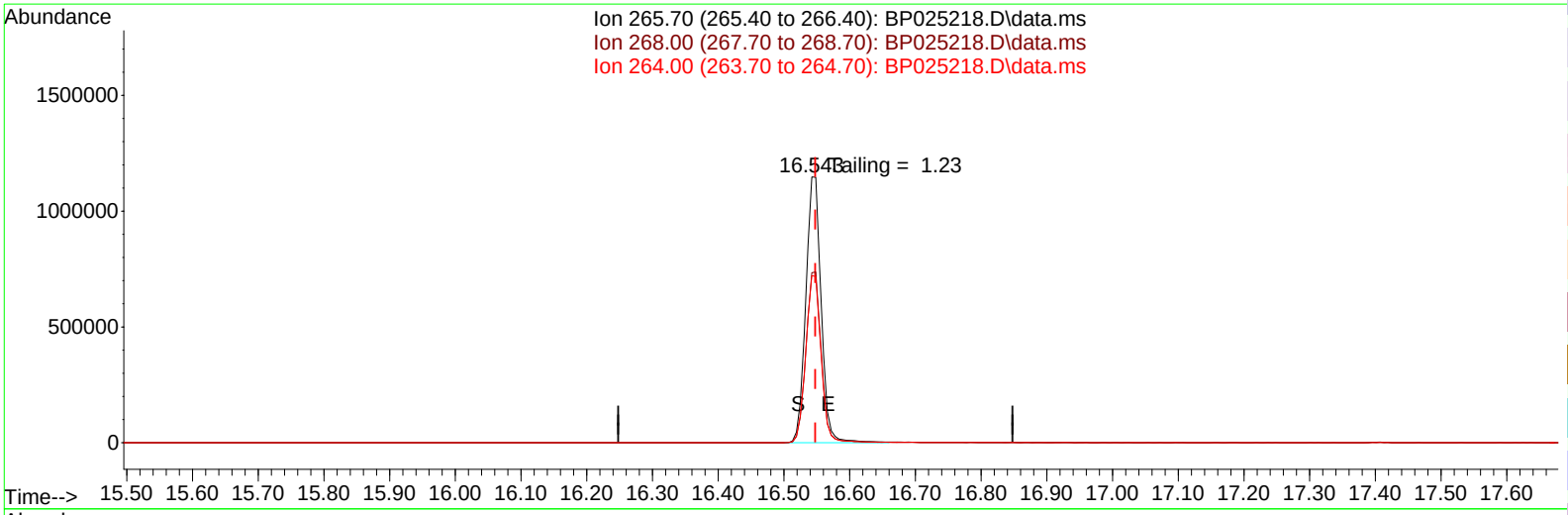
AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2448

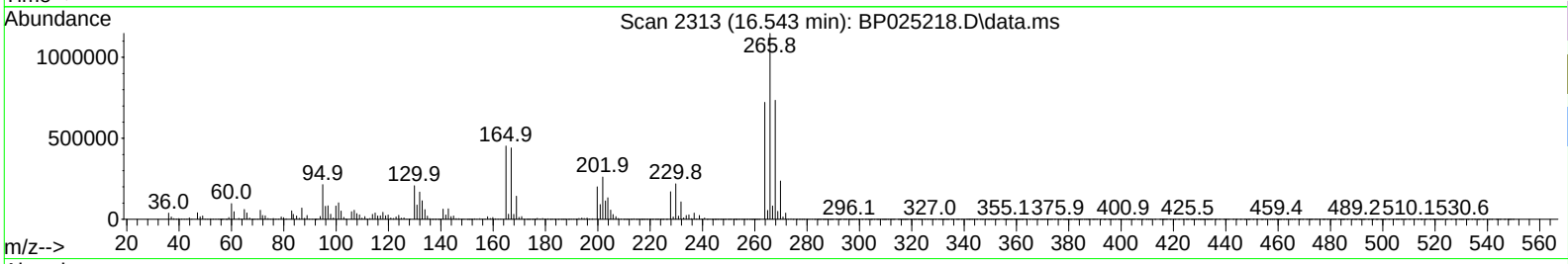
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5333	PASS
69	69	100	100	100.0	307298	PASS
70	69	0.00	2	0.5	1489	PASS
197	198	0.00	2	0.2	1879	PASS
198	198	100	100	100.0	1023695	PASS
199	198	5	9	6.8	69278	PASS
365	198	1	100	3.6	36590	PASS
441	443	0.01	150	79.6	141723	PASS
442	442	100	100	100.0	916262	PASS
443	442	15	24	19.4	178125	PASS

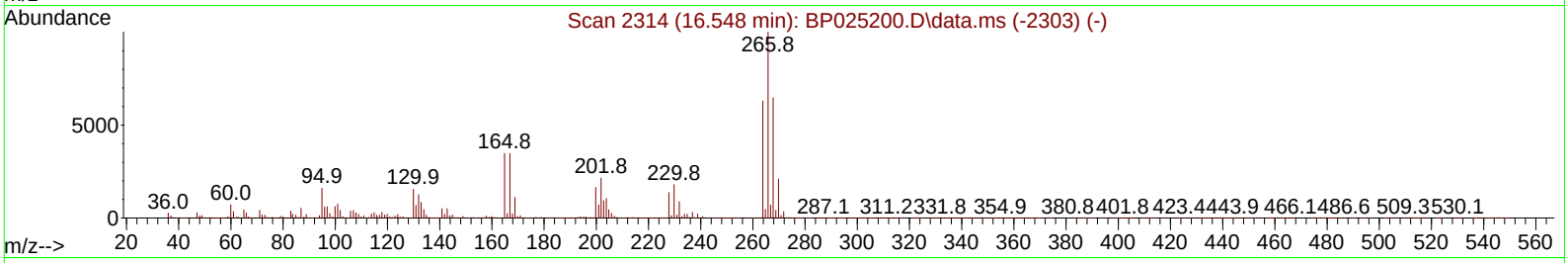
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025218.D\data.ms

(70) Pentachlorophenol (C)

16.543min (-0.005) 1096666.83 ng

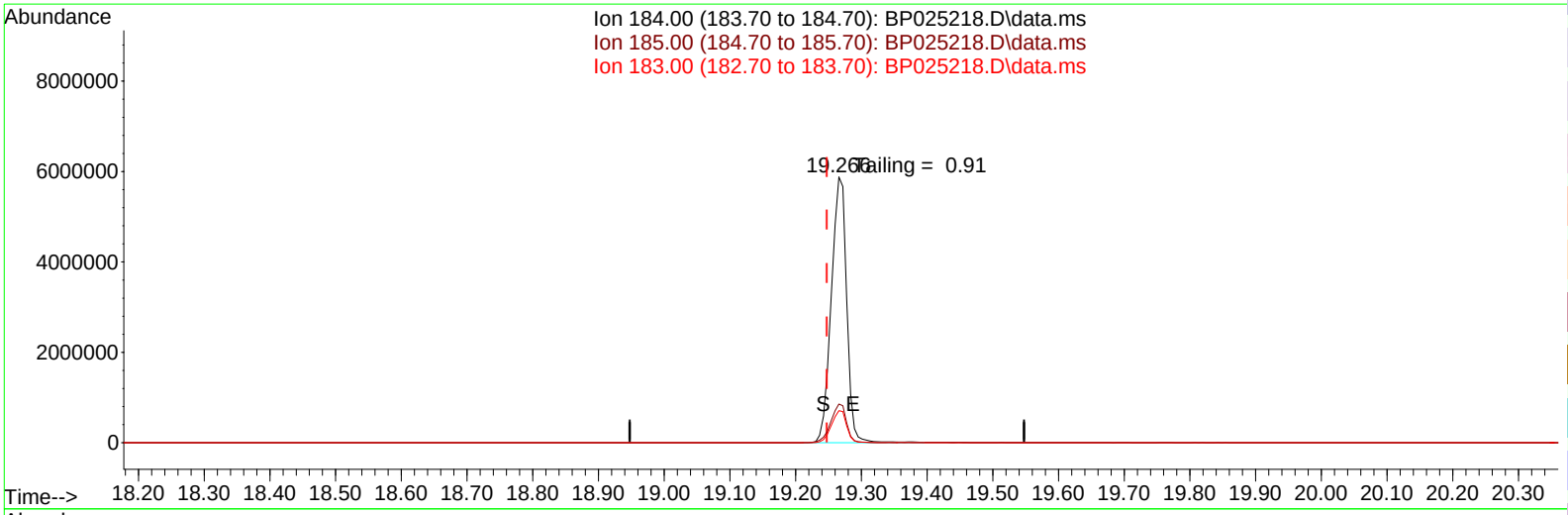
response 1870776

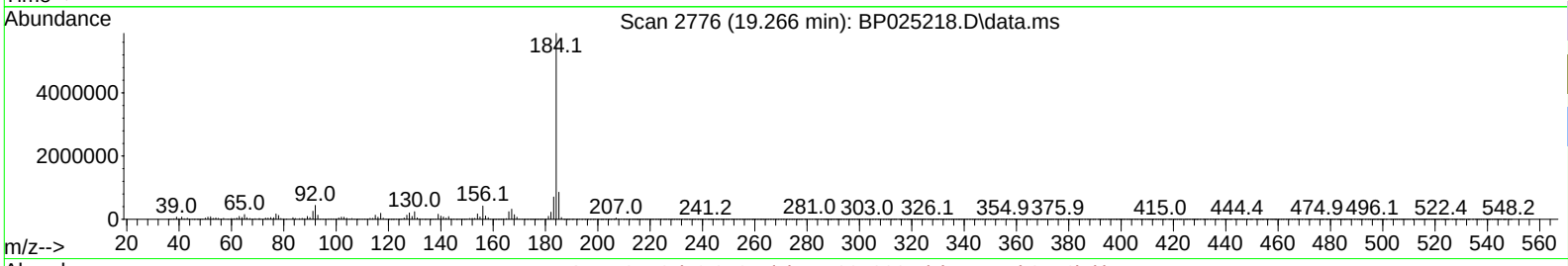
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.99
264.00	62.90	62.86
0.00	0.00	0.00

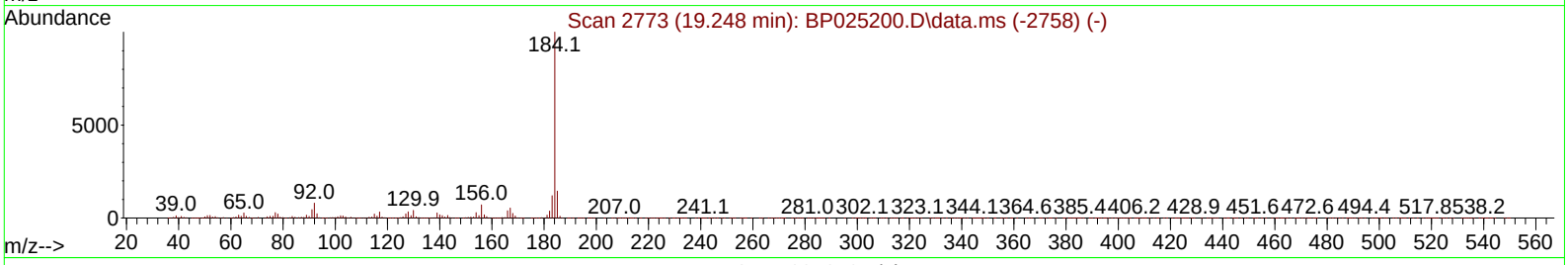
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025218.D\data.ms

(77) Benzidine

19.266min (+ 0.018) 624111.67 ng

response 9553310

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.58
183.00	12.00	12.04
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_P	BP025218.D
Compound Name	**Response**	**Retention Time**
DDT	4585613	20.578
DDD	91482	20.16
DDE	4697	19.578
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
96179	4681792	2.05

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	
Project:	RFP 905A			Date Received:	
Client Sample ID:	PB168954BL			SDG No.:	Q2641
Lab Sample ID:	PB168954BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	TCLP BNA
Extraction Type :		Decanted : N		Level :	LOW
Injection Volume :		GPC Factor : 1.0		GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		23 - 138	76%	SPK: 150
13127-88-3	Phenol-d6	116		10 - 134	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.6		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	77.4		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.963			
1146-65-2	Naphthalene-d8	517000	8.24			
15067-26-2	Acenaphthene-d10	279000	9.998			
1517-22-2	Phenanthrene-d10	487000	11.486			
1719-03-5	Chrysene-d12	272000	14.121			
1520-96-3	Perylene-d12	282000	15.627			

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:			
Project:	RFP 905A			Date Received:			
Client Sample ID:	PB168954BL			SDG No.:	Q2641		
Lab Sample ID:	PB168954BL			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :		Decanted :	N	Level :	LOW		
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :	
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

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\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

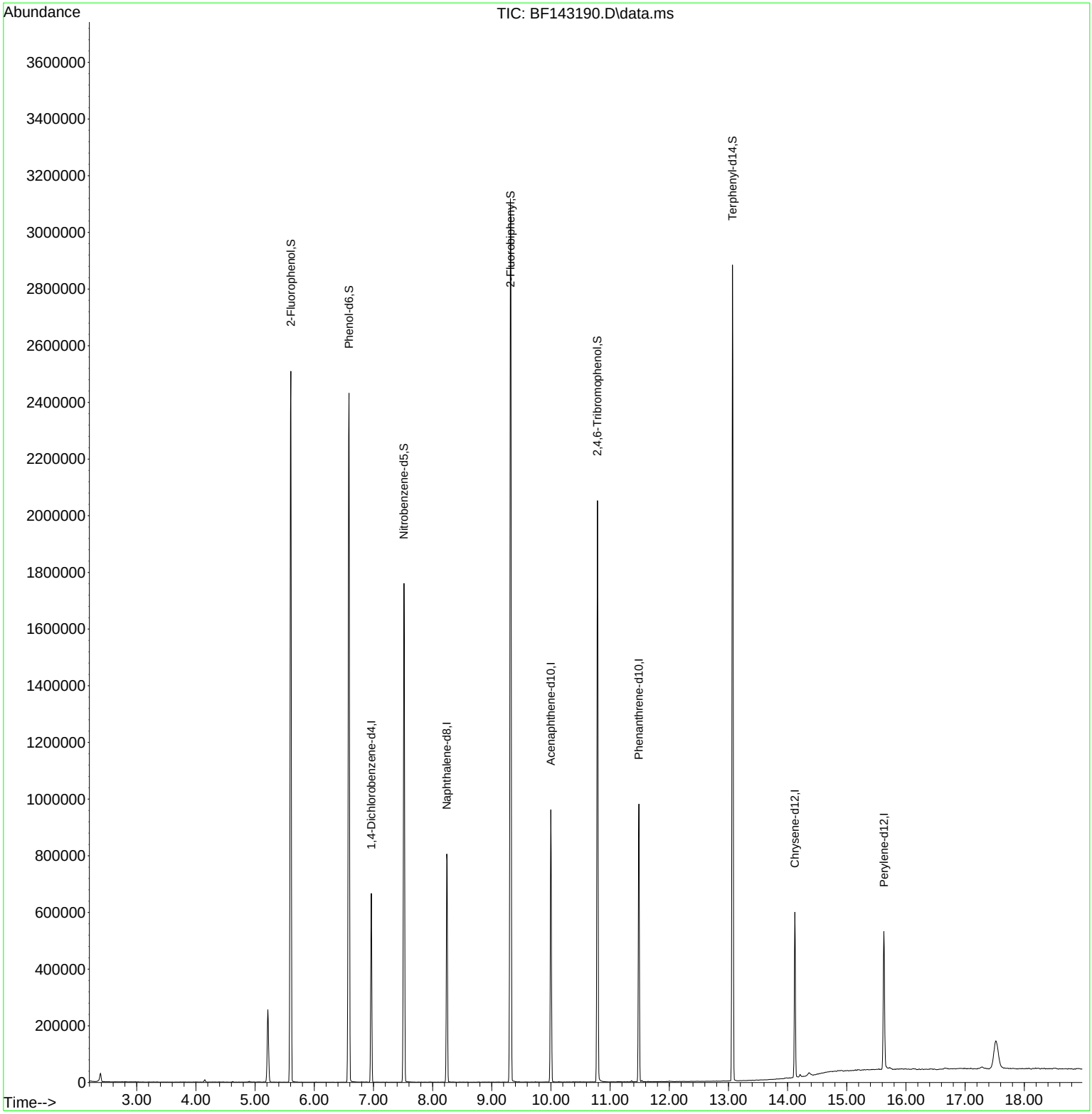
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	132474	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	517206	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278568	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486814	20.000	ng	0.00
76) Chrysene-d12	14.121	240	272386	20.000	ng	0.00
86) Perylene-d12	15.627	264	282193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	954778	114.053	ng	0.02
7) Phenol-d6	6.587	99	1218388	115.630	ng	0.00
23) Nitrobenzene-d5	7.516	82	805087	77.592	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	368725	128.129	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1492676	73.283	ng	0.00
79) Terphenyl-d14	13.069	244	1417024	77.415	ng	0.00
Target Compounds						Qvalue

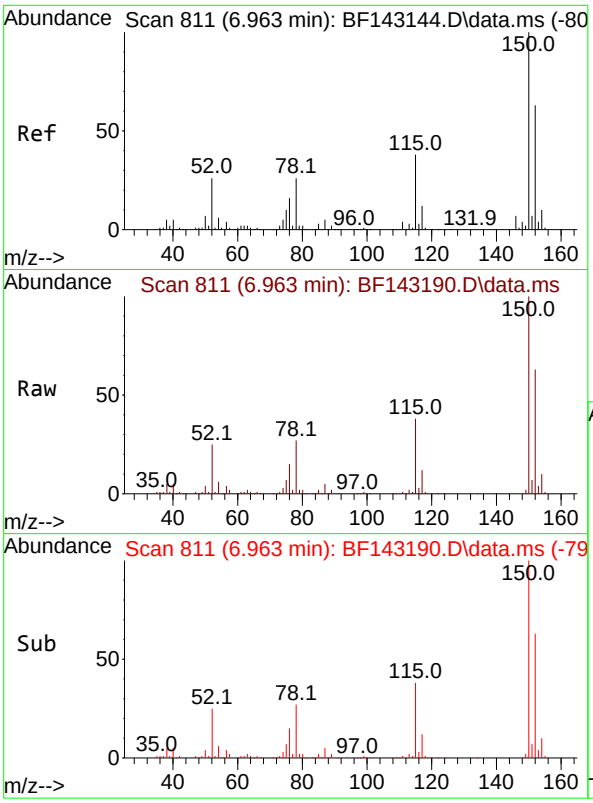
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



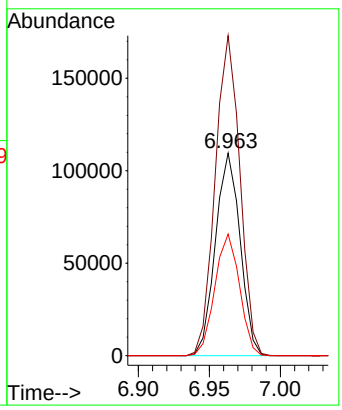


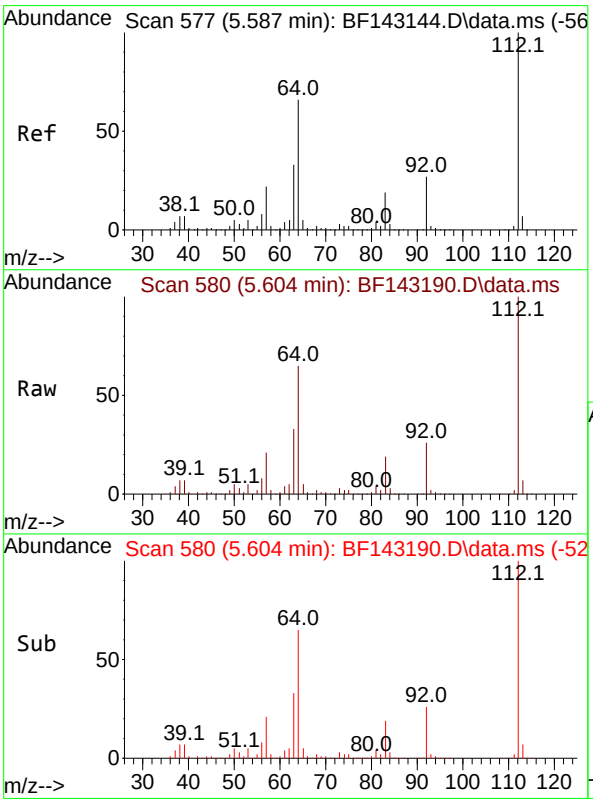
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:152 Resp: 132474

Ion	Ratio	Lower	Upper
152	100		
150	158.0	128.2	192.4
115	60.0	47.9	71.9

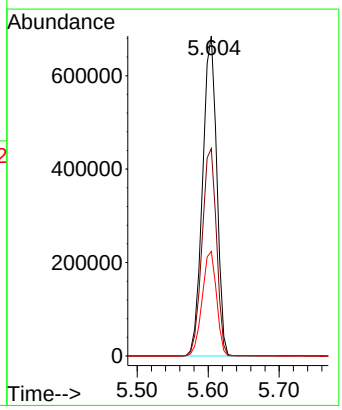


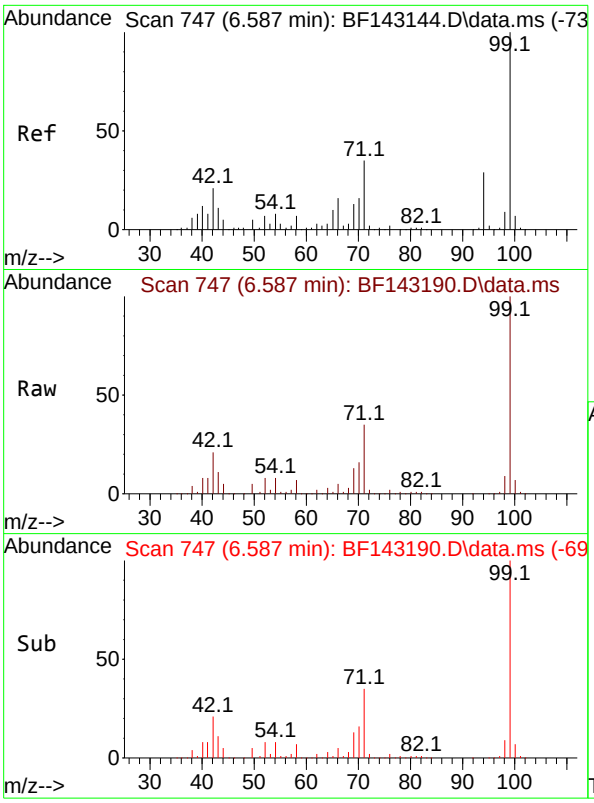


#5
2-Fluorophenol
Concen: 114.053 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:112 Resp: 954778

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	32.7	26.6	40.0



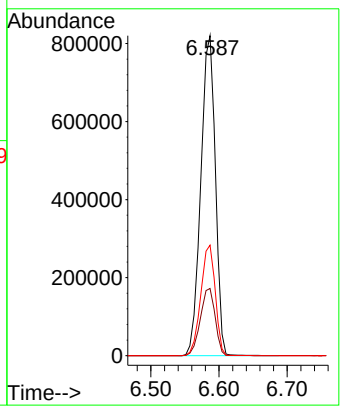


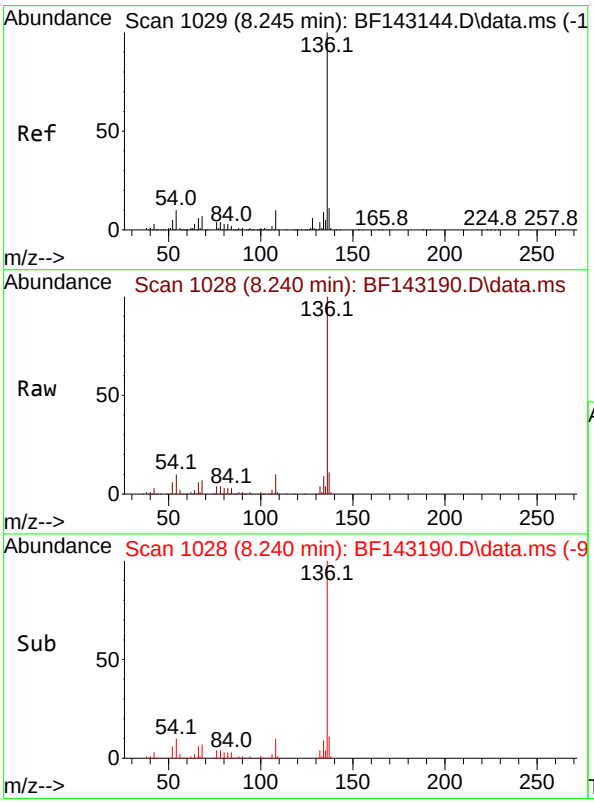
#7
Phenol-d6
Concen: 115.630 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion: 99 Resp: 1218388

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.6	27.7	41.5

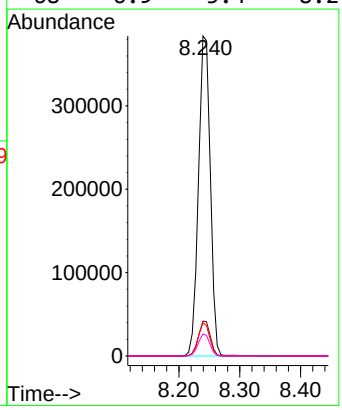


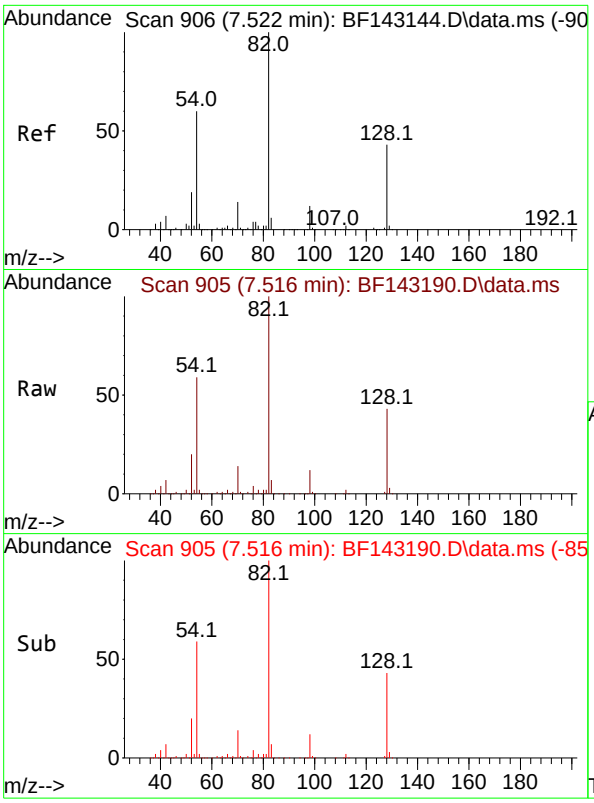


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:136 Resp: 517206

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.9	5.4	8.2



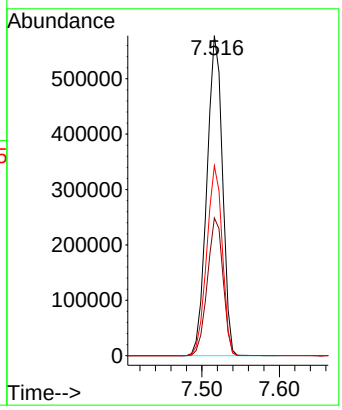


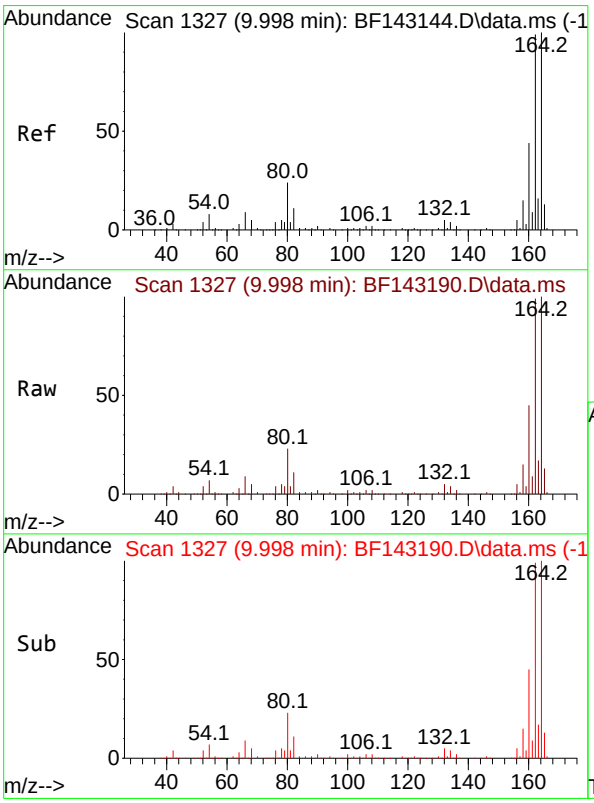
#23
Nitrobenzene-d5
Concen: 77.592 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion: 82 Resp: 805087

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	59.4	47.1	70.7

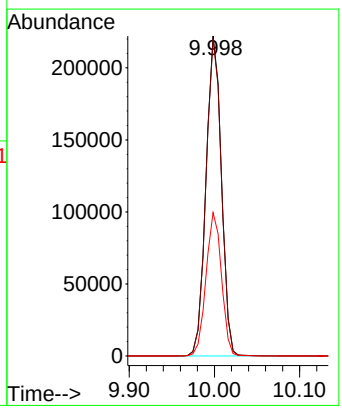


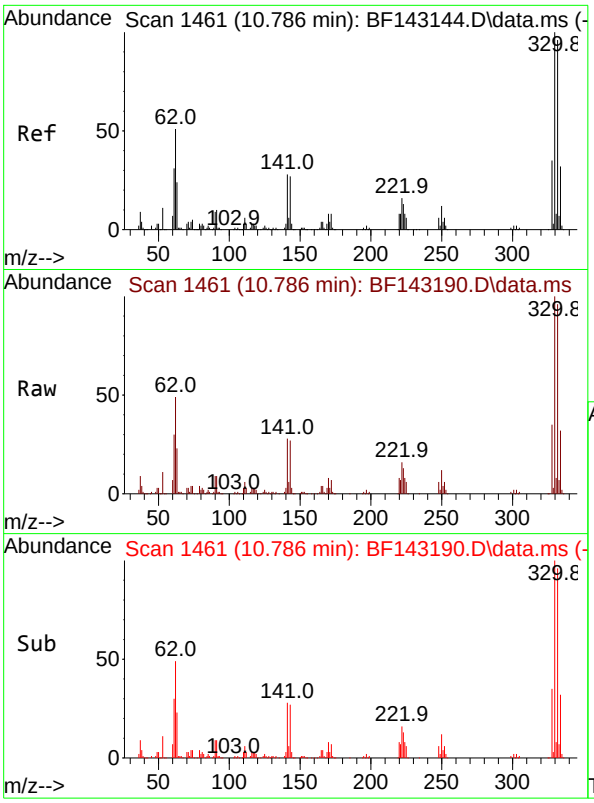


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:164 Resp: 278568

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.8	35.1	52.7



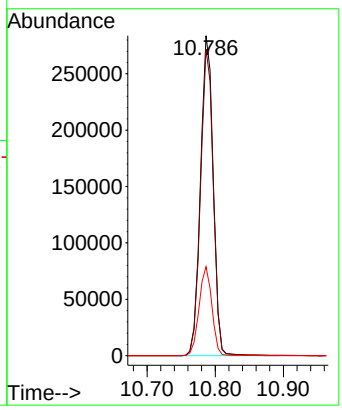


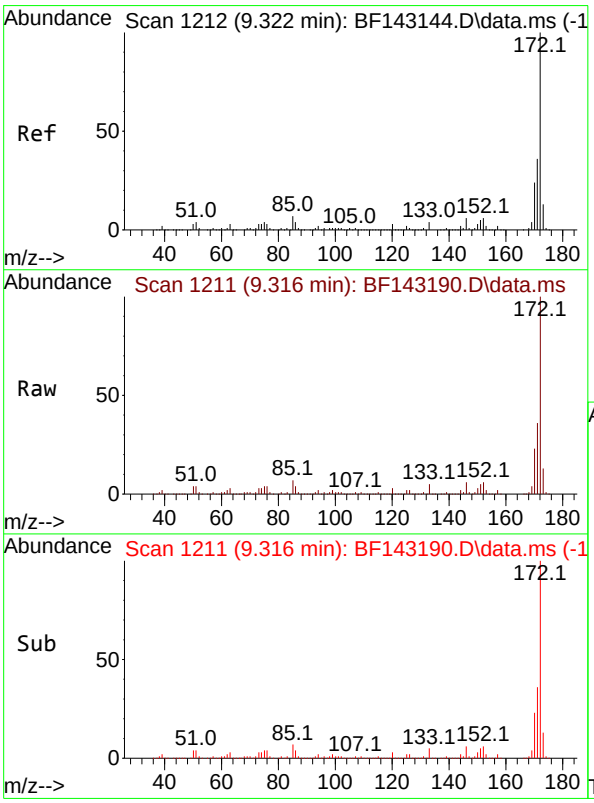
#42
2,4,6-Tribromophenol
Concen: 128.129 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:330 Resp: 368725

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	27.9	23.3	34.9

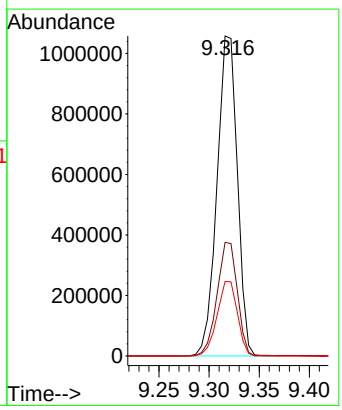


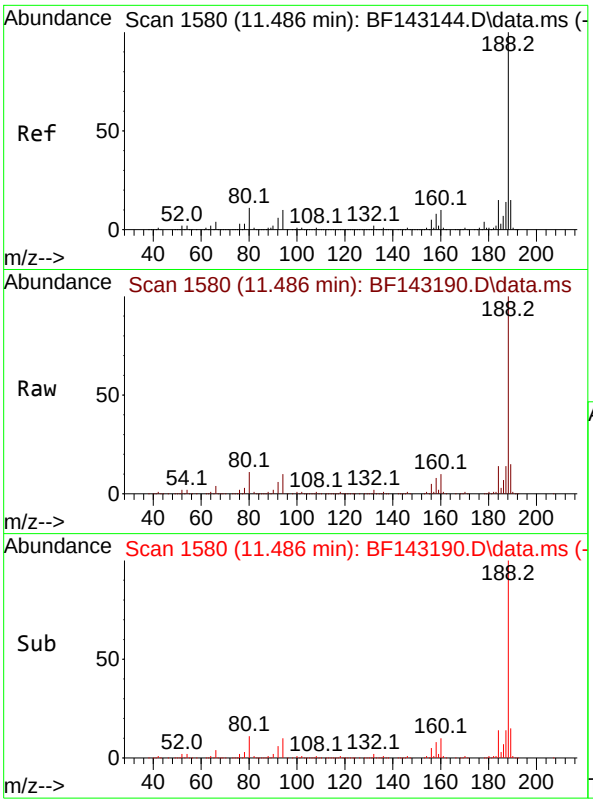


#45
2-Fluorobiphenyl
Concen: 73.283 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:172 Resp: 1492676

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.8	28.2



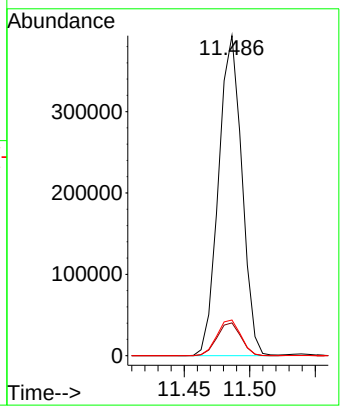


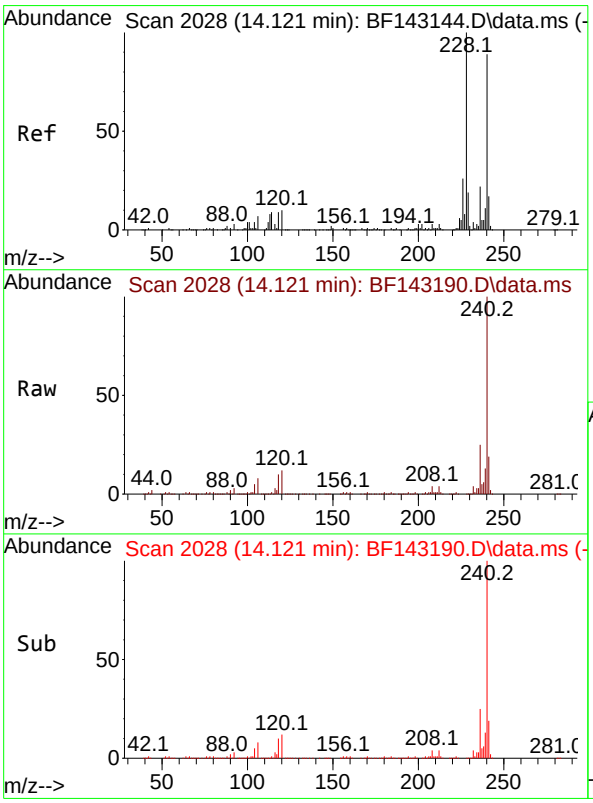
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:188 Resp: 486814

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.2	9.0	13.6

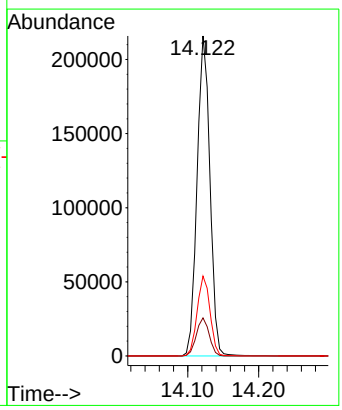


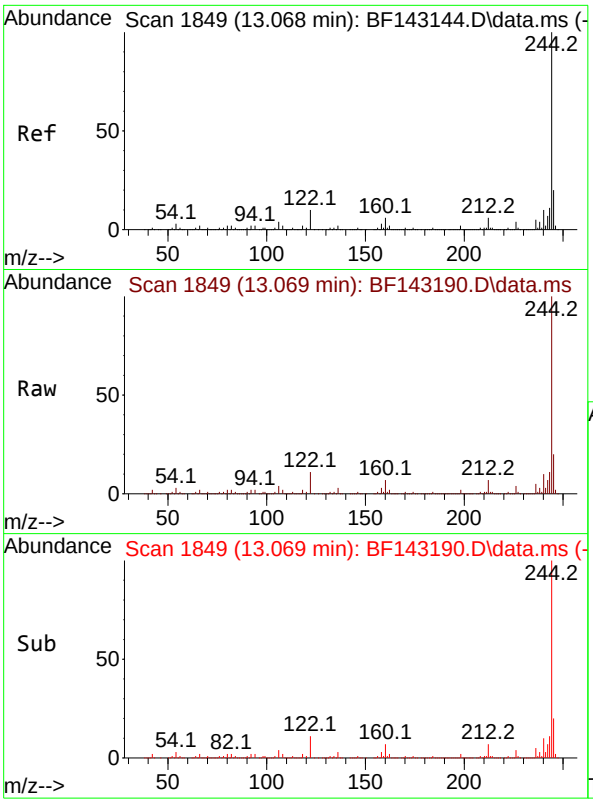


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:240 Resp: 272386

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.0	20.2	30.4



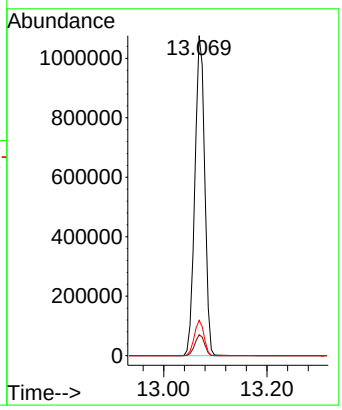


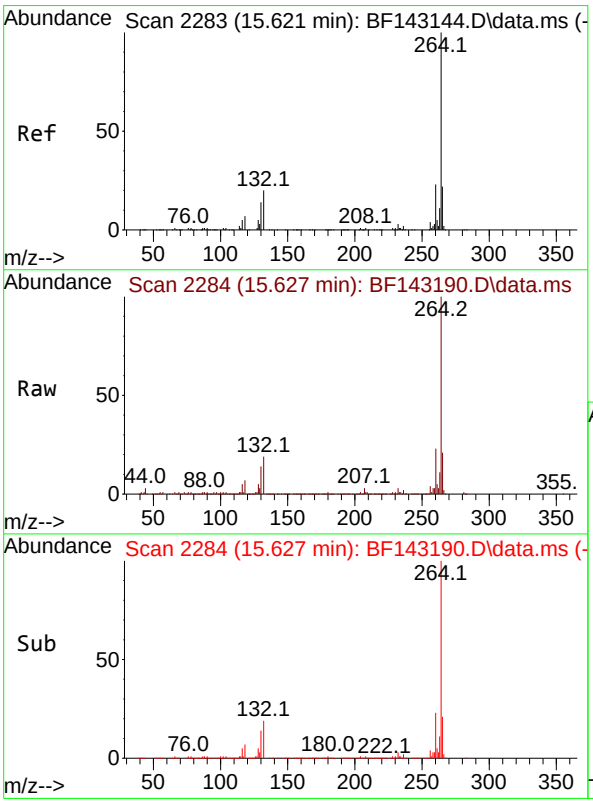
#79
Terphenyl-d14
Concen: 77.415 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Tgt Ion:244 Resp: 1417024

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.1	8.2	12.2

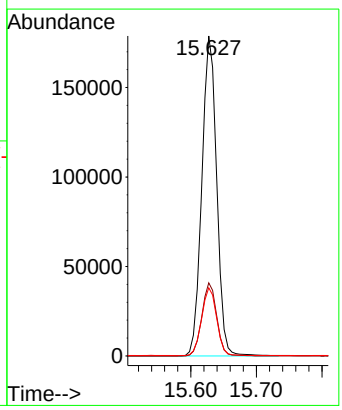




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:264 Resp: 282193

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.3	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:	Weston Solutions, Inc.			Date Collected:	
Project:	RFP 905A			Date Received:	
Client Sample ID:	PB168954BS			SDG No.:	Q2641
Lab Sample ID:	PB168954BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	TCLP BNA
Extraction Type :		Decanted : N		Level :	LOW
Injection Volume :		GPC Factor : 1.0		GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.0		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.5		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.7		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.2		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.2		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.7		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.0		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	43.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	61.8		1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		23 - 138	76%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	82.6		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.963			
1146-65-2	Naphthalene-d8	503000	8.245			
15067-26-2	Acenaphthene-d10	265000	10.004			
1517-22-2	Phenanthrene-d10	450000	11.486			
1719-03-5	Chrysene-d12	254000	14.127			
1520-96-3	Perylene-d12	262000	15.627			

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:			
Project:	RFP 905A			Date Received:			
Client Sample ID:	PB168954BS			SDG No.:	Q2641		
Lab Sample ID:	PB168954BS			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :		Decanted :	N	Level :	LOW		
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :	
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

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\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	127773	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	503486	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	265187	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	449718	20.000	ng		0.00
76) Chrysene-d12	14.127	240	253510	20.000	ng		0.00
86) Perylene-d12	15.627	264	261797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	916900	113.558	ng		0.02
7) Phenol-d6	6.598	99	1153015	113.452	ng		0.01
23) Nitrobenzene-d5	7.522	82	828442	82.019	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	344125	125.615	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1475069	76.072	ng		0.00
79) Terphenyl-d14	13.069	244	1407338	82.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	132471	34.673	ng		100
3) Pyridine	3.657	79	366838	36.993	ng		99
4) n-Nitrosodimethylamine	3.604	42	215046	42.002	ng		98
6) Aniline	6.628	93	453418	32.012	ng		98
8) 2-Chlorophenol	6.751	128	371590	43.905	ng		98
9) Benzaldehyde	6.510	77	245056	32.156	ng		98
10) Phenol	6.610	94	469882	42.440	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357840	42.212	ng		100
12) 1,3-Dichlorobenzene	6.910	146	386199	42.005	ng		99
13) 1,4-Dichlorobenzene	6.981	146	393397	42.488	ng		99
14) 1,2-Dichlorobenzene	7.134	146	380909	43.254	ng		100
15) Benzyl Alcohol	7.098	79	349759	45.072	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660695	42.015	ng		97
17) 2-Methylphenol	7.216	107	312356	43.893	ng		98
18) Hexachloroethane	7.481	117	142004	44.303	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	275552	42.261	ng		100
20) 3+4-Methylphenols	7.363	107	368857	42.722	ng	#	80
22) Acetophenone	7.369	105	498995	41.862	ng		96
24) Nitrobenzene	7.540	77	416358	44.214	ng		98
25) Isophorone	7.781	82	767871	43.064	ng		99
26) 2-Nitrophenol	7.857	139	202876	49.640	ng		100
27) 2,4-Dimethylphenol	7.892	122	353154	42.392	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	454347	42.499	ng		99
29) 2,4-Dichlorophenol	8.098	162	308890	43.967	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	329323	43.389	ng		100
31) Naphthalene	8.269	128	1076778	43.425	ng		99
32) Benzoic acid	8.010	122	237583	50.344	ng		98
33) 4-Chloroaniline	8.304	127	151427	14.956	ng		99
34) Hexachlorobutadiene	8.387	225	204807	44.172	ng		99
35) Caprolactam	8.675	113	104609m	49.274	ng		
36) 4-Chloro-3-methylphenol	8.792	107	348866	45.686	ng		99
37) 2-Methylnaphthalene	8.957	142	658532	43.644	ng		100
38) 1-Methylnaphthalene	9.057	142	675295	43.462	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	321264	41.961	ng		99
41) Hexachlorocyclopentadiene	9.116	237	448113	89.952	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	236950	44.718	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236712	44.660	ng		98
46) 1,1'-Biphenyl	9.422	154	896929	43.351	ng		100
47) 2-Chloronaphthalene	9.445	162	657554	42.952	ng		100
48) 2-Nitroaniline	9.534	65	230570	48.027	ng		97
49) Acenaphthylene	9.863	152	1113812	43.414	ng		100
50) Dimethylphthalate	9.716	163	786201	45.483	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173323	49.290	ng		99
52) Acenaphthene	10.039	154	721953	47.611	ng		97
53) 3-Nitroaniline	9.945	138	124269	30.214	ng		96
54) 2,4-Dinitrophenol	10.051	184	177281	108.635	ng	#	1
55) Dibenzofuran	10.210	168	965446	42.884	ng		100
56) 4-Nitrophenol	10.104	139	288911	94.066	ng		98
57) 2,4-Dinitrotoluene	10.181	165	233822	53.000	ng		96
58) Fluorene	10.551	166	747219	44.223	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189277	43.109	ng		98
60) Diethylphthalate	10.422	149	789791	46.227	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	374523	44.515	ng		99
62) 4-Nitroaniline	10.563	138	175257	49.717	ng		98
63) Azobenzene	10.698	77	780361	43.824	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	120214	50.654	ng		96
66) n-Nitrosodiphenylamine	10.657	169	669884	42.301	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	233035	43.481	ng		98
68) Hexachlorobenzene	11.104	284	245838	43.886	ng		98
69) Atrazine	11.180	200	213830	48.978	ng		99
70) Pentachlorophenol	11.292	266	203492	61.771	ng		99
71) Phenanthrene	11.516	178	1030740	43.166	ng		99
72) Anthracene	11.563	178	1059988	43.525	ng		100
73) Carbazole	11.716	167	945375	44.456	ng		100
74) Di-n-butylphthalate	12.039	149	1168492	48.562	ng		100
75) Fluoranthene	12.698	202	1021799	46.620	ng		99
77) Benzidine	12.810	184	430639	44.091	ng		99
78) Pyrene	12.927	202	1010330	46.697	ng		100
80) Butylbenzylphthalate	13.539	149	392773	59.285	ng		98
81) Benzo(a)anthracene	14.116	228	764664	45.053	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	126532	22.368	ng		97
83) Chrysene	14.151	228	680186	44.573	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	515251	51.382	ng		100
85) Di-n-octyl phthalate	14.716	149	825088	45.393	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	840404	45.525	ng		99
88) Benzo(b)fluoranthene	15.186	252	713448	44.609	ng		99
89) Benzo(k)fluoranthene	15.215	252	663116	46.464	ng		99
90) Benzo(a)pyrene	15.563	252	672961	45.669	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	679016	45.191	ng		98
92) Benzo(g,h,i)perylene	17.639	276	671436	46.196	ng		99

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

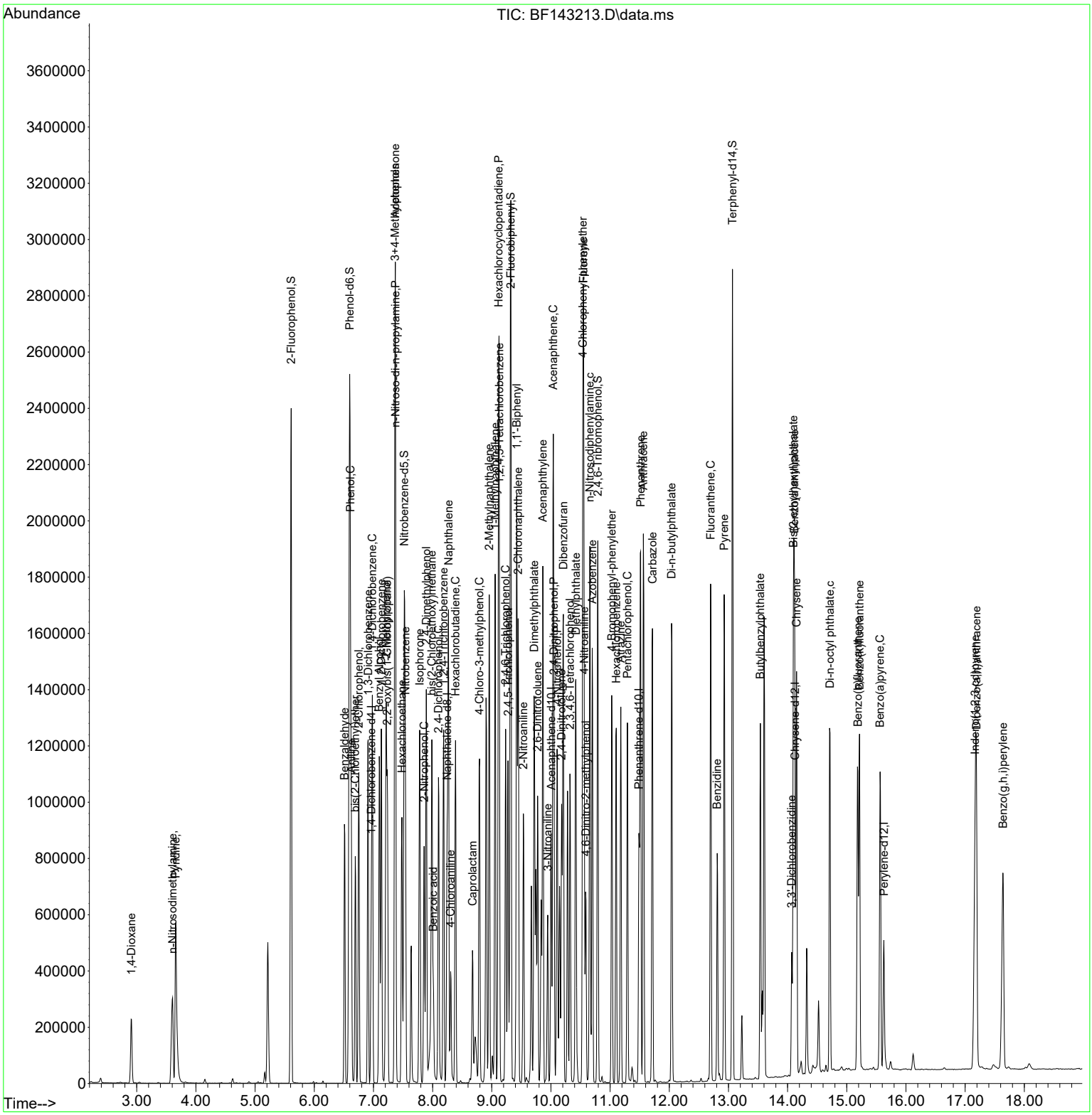
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Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

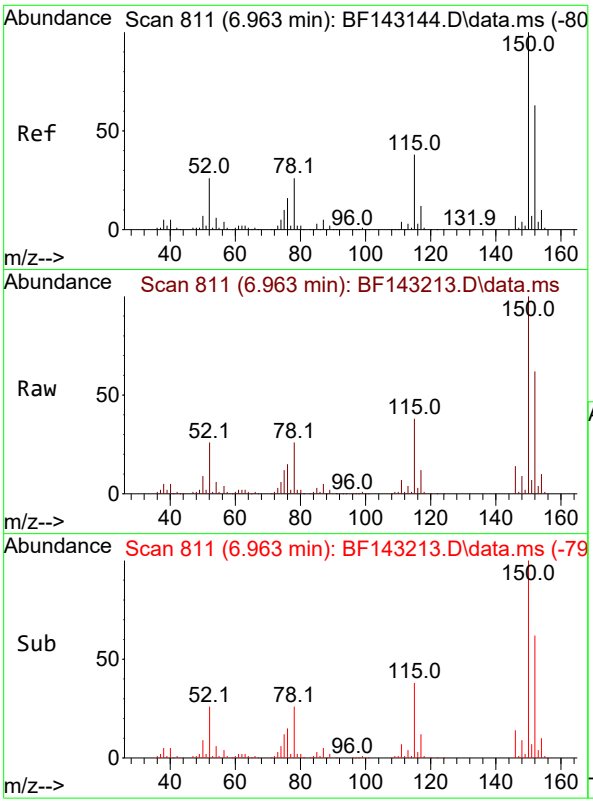
Quant Time: Jul 23 16:22:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

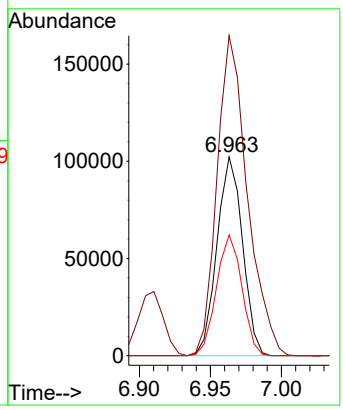




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

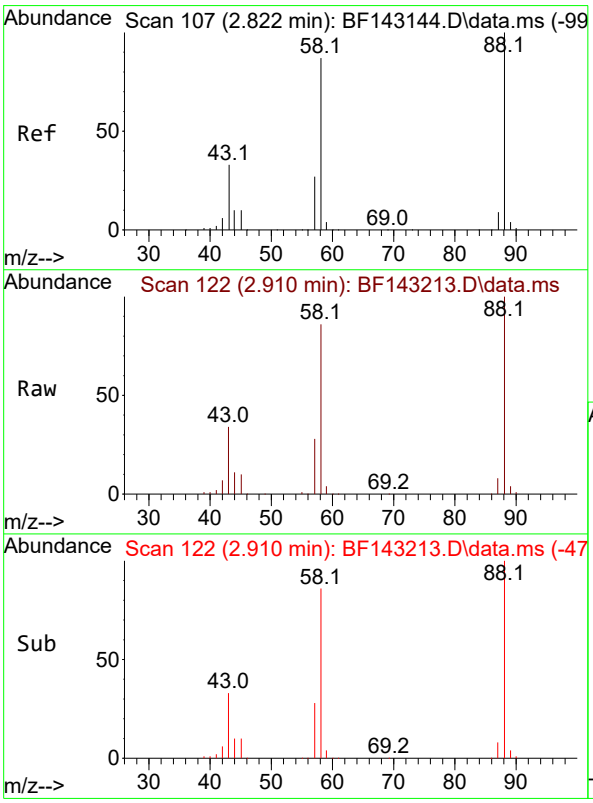
Tgt Ion:152 Resp: 12777

Ion	Ratio	Lower	Upper
152	100		
150	161.0	128.2	192.4
115	60.8	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
PB168954BS

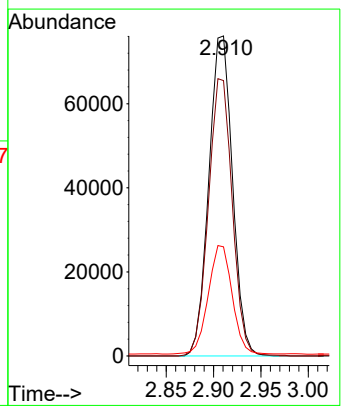
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

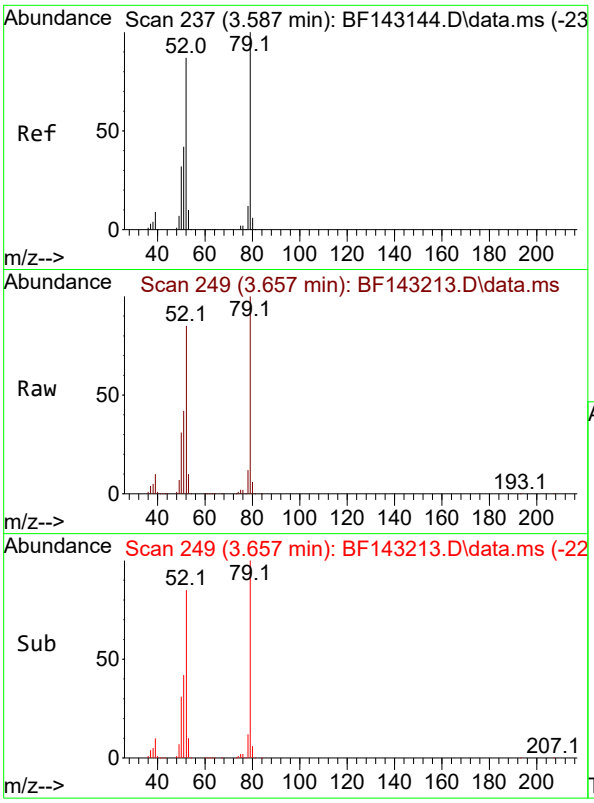


#2
1,4-Dioxane
Concen: 34.673 ng
RT: 2.910 min Scan# 122
Delta R.T. 0.088 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 88 Resp: 132471

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.2	105.2
43	34.1	27.1	40.7





#3
Pyridine
Concen: 36.993 ng
RT: 3.657 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

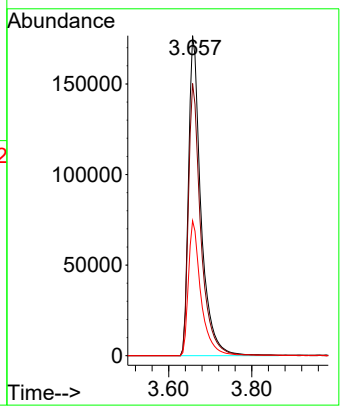
Tgt Ion: 79 Resp: 36683

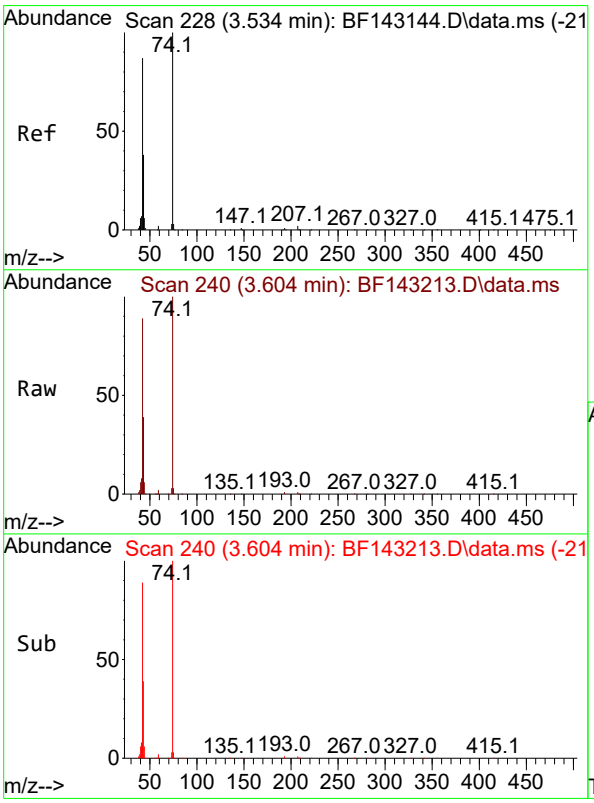
Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.2	33.5	50.3

Instrument :
BNA_F
ClientSampleId :
PB168954BS

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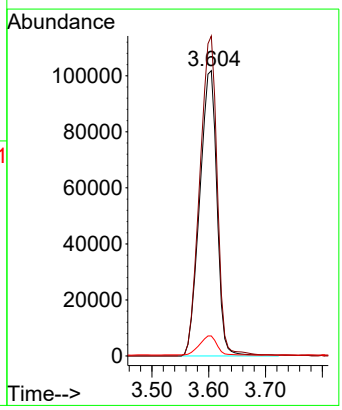


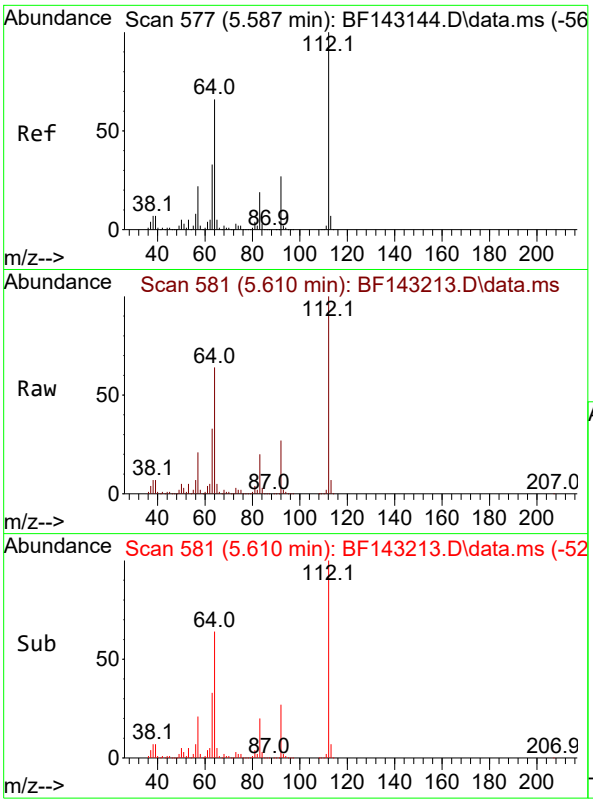


#4
n-Nitrosodimethylamine
Concen: 42.002 ng
RT: 3.604 min Scan# 240
Delta R.T. 0.071 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 42 Resp: 215046

Ion	Ratio	Lower	Upper
42	100		
74	112.2	91.7	137.5
44	7.0	5.6	8.4





#5
2-Fluorophenol
Concen: 113.558 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

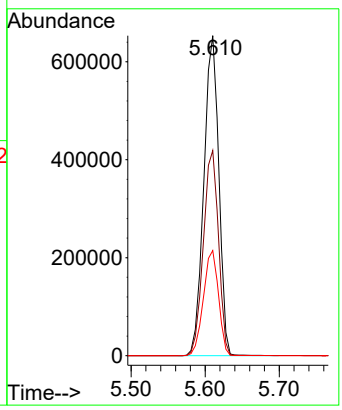
Tgt Ion:112 Resp: 91690

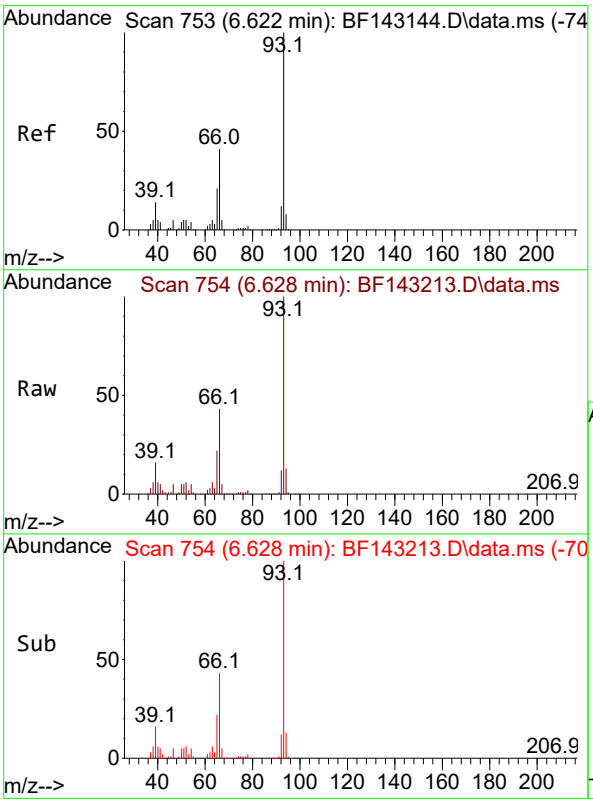
Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.1	79.7
63	32.9	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

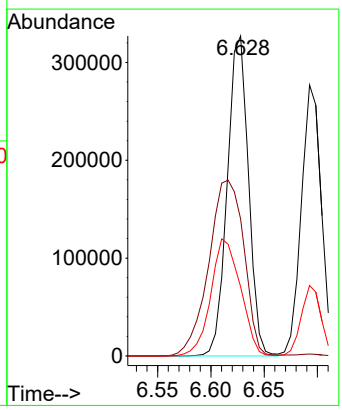


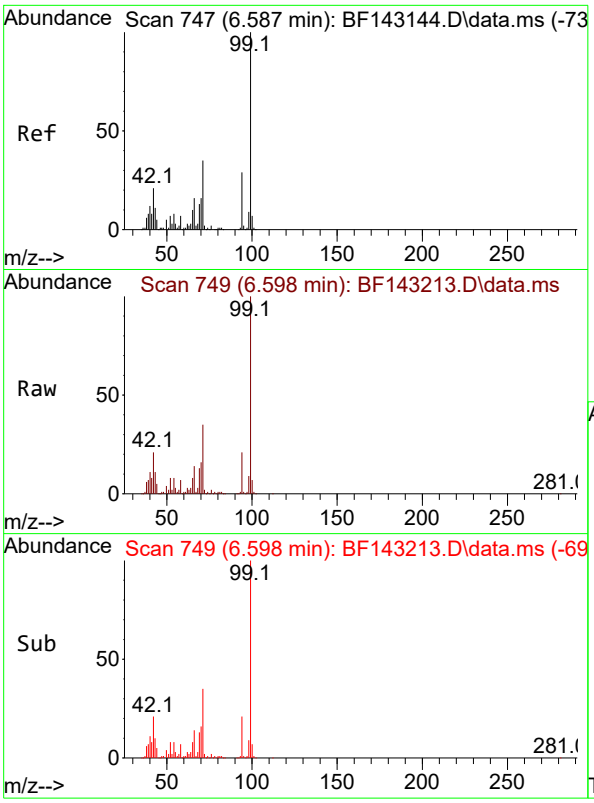


#6
Aniline
Concen: 32.012 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 93 Resp: 453418

Ion	Ratio	Lower	Upper
93	100		
66	42.8	33.2	49.8
65	21.7	16.9	25.3

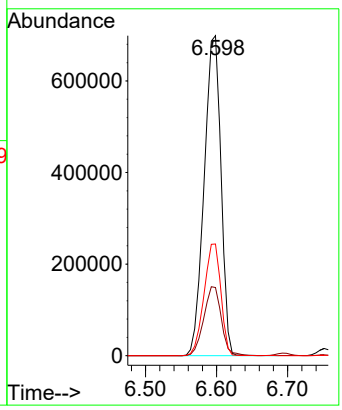




#7
Phenol-d6
Concen: 113.452 ng
RT: 6.598 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 99 Resp: 115301

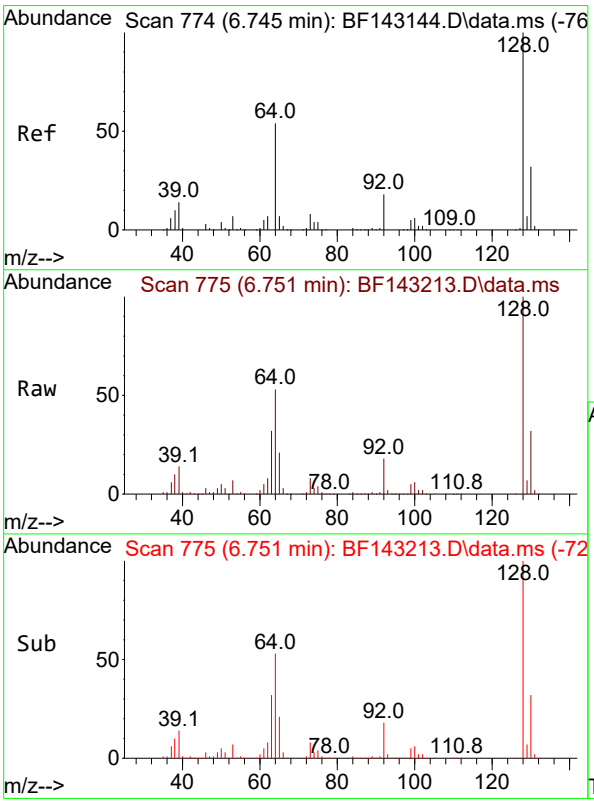
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.9	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

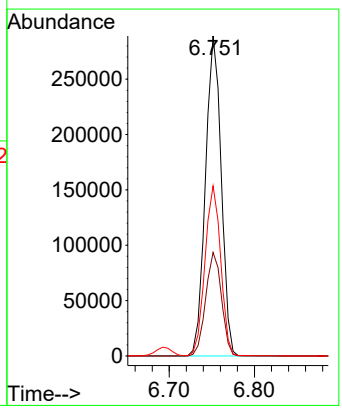
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

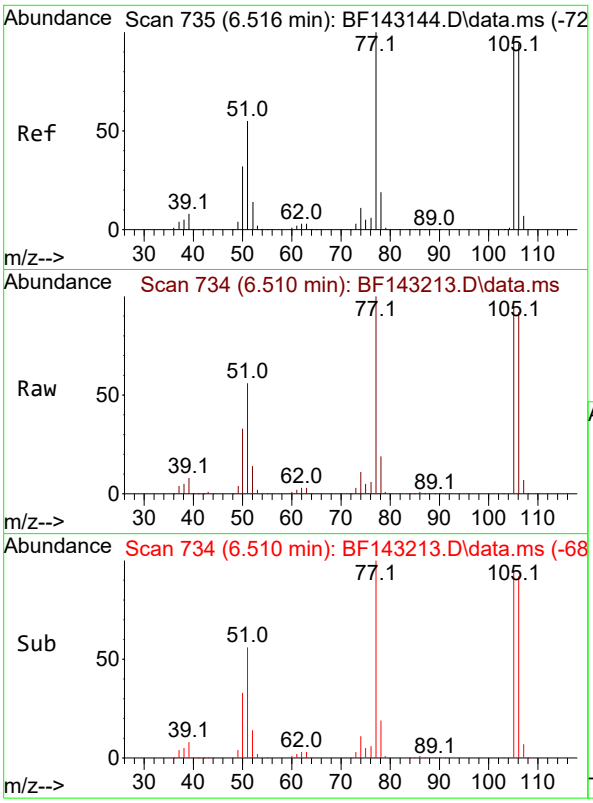


#8
2-Chlorophenol
Concen: 43.905 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:128 Resp: 371590

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	53.2	35.9	75.9

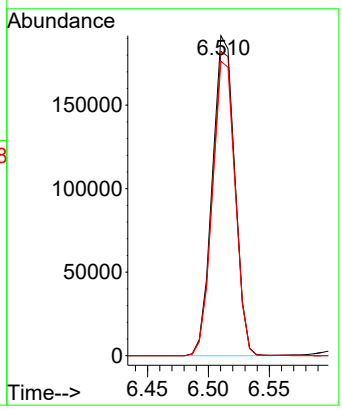




#9
Benzaldehyde
Concen: 32.156 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 77 Resp: 24505

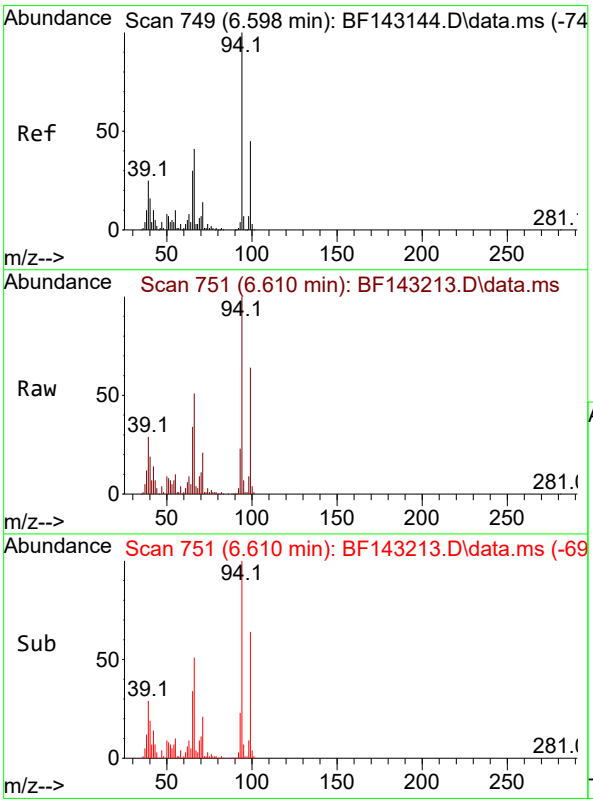
Ion	Ratio	Lower	Upper
77	100		
105	95.1	76.8	116.8
106	92.0	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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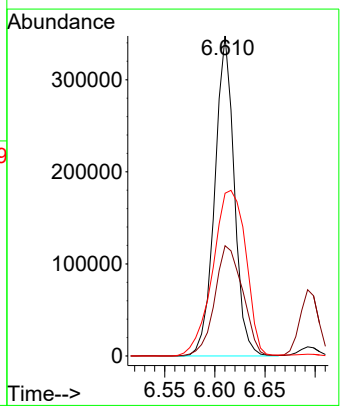
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

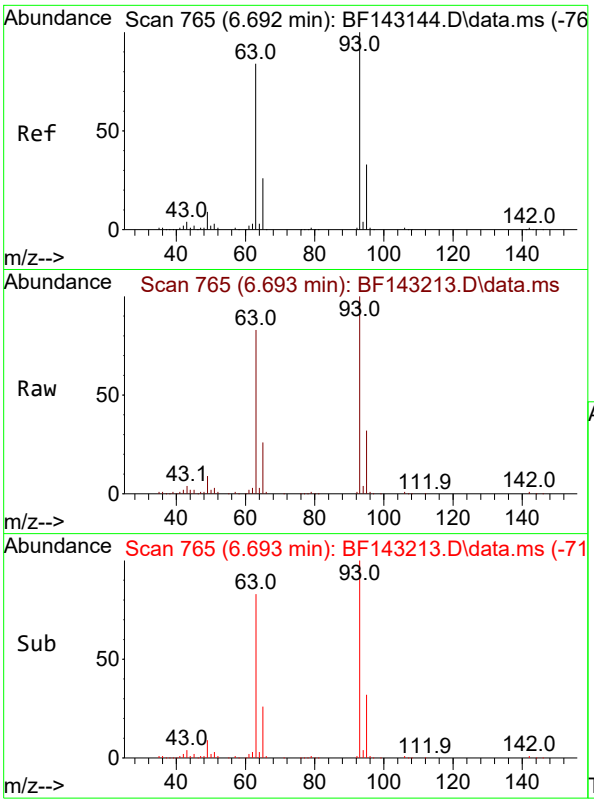


#10
Phenol
Concen: 42.440 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 94 Resp: 469882

Ion	Ratio	Lower	Upper
94	100		
65	34.4	10.0	50.0
66	50.8	20.8	60.8

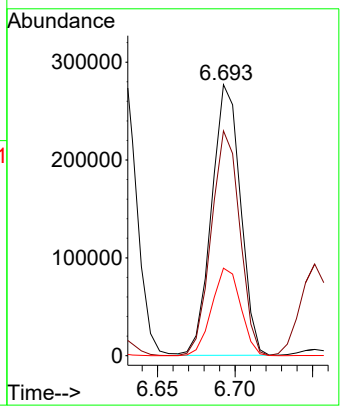




#11
bis(2-Chloroethyl)ether
Concen: 42.212 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 93 Resp: 35784

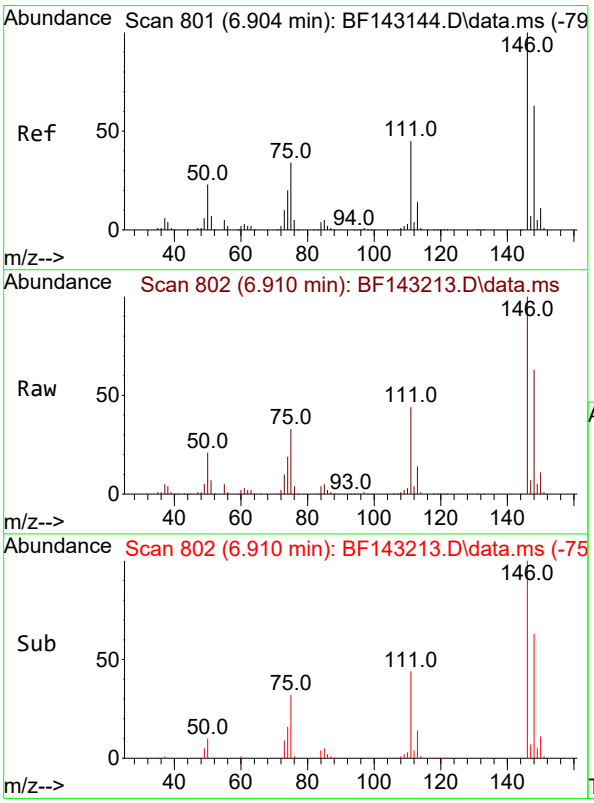
Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.3	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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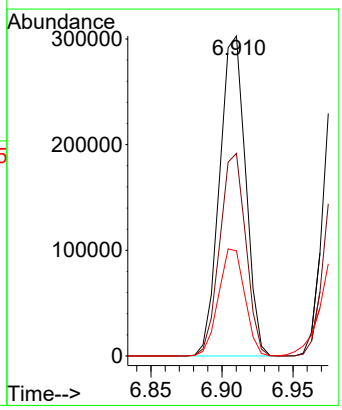
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

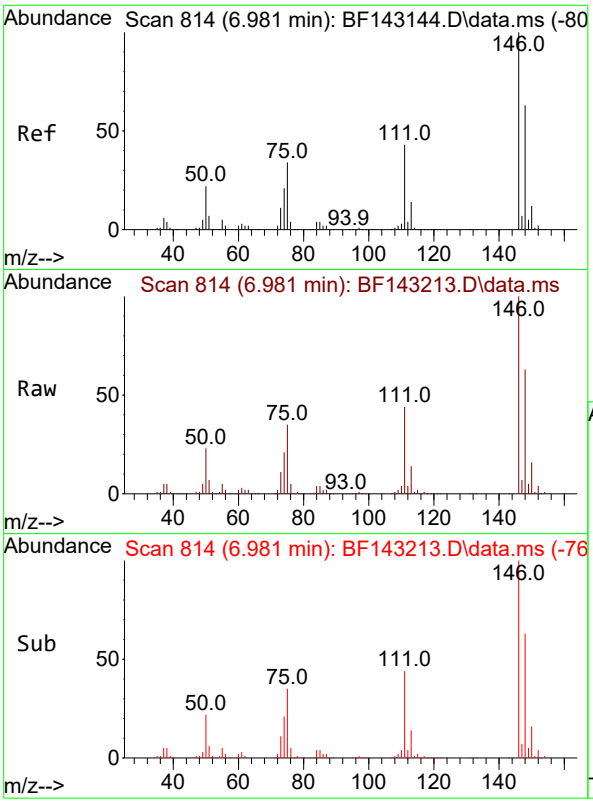


#12
1,3-Dichlorobenzene
Concen: 42.005 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:146 Resp: 386199

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	32.8	27.4	41.2

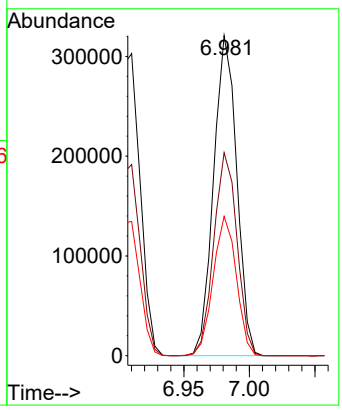




#13
1,4-Dichlorobenzene
Concen: 42.488 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:146 Resp: 39339

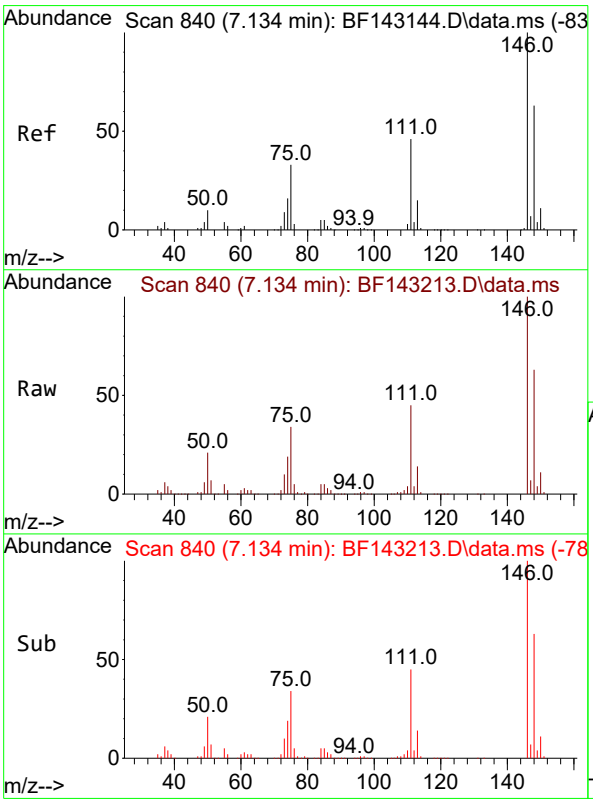
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	43.6	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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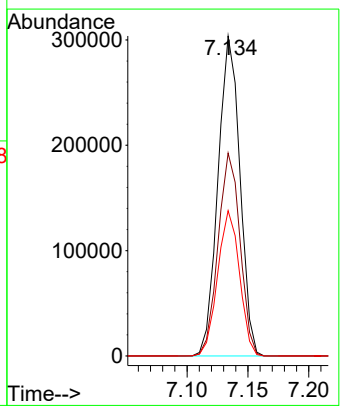
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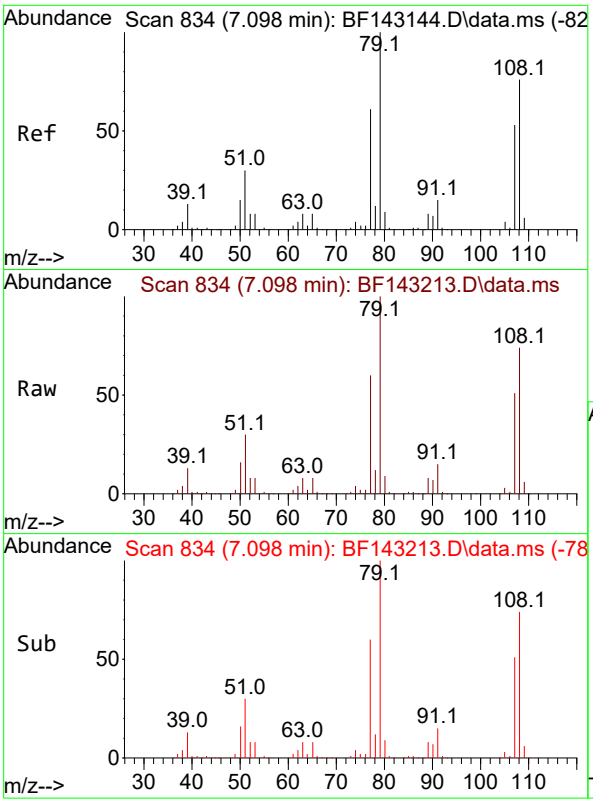


#14
1,2-Dichlorobenzene
Concen: 43.254 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:146 Resp: 380909

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.4	36.6	54.8

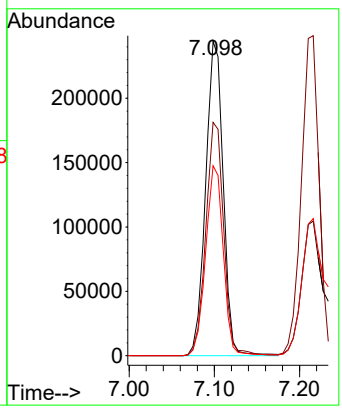




#15
Benzyl Alcohol
Concen: 45.072 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

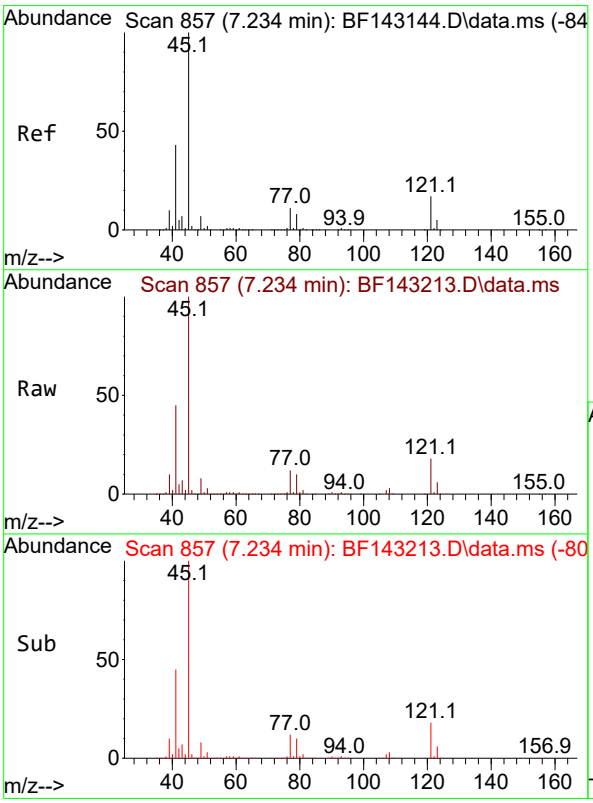
Tgt Ion: 79 Resp: 34975

Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	60.4	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
PB168954BS

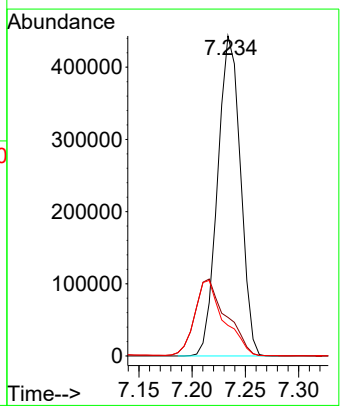
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Supervised By :Jagrut Upadhyay 07/24/2025

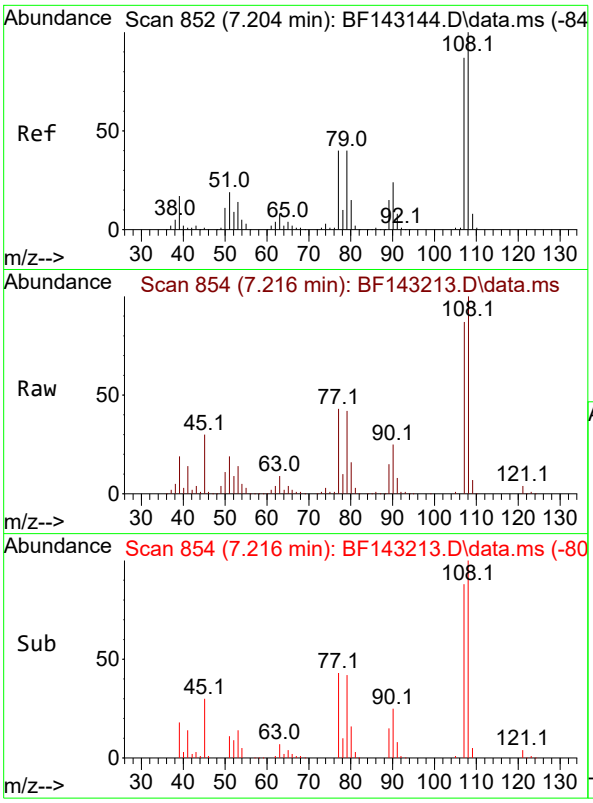


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.015 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 45 Resp: 660695

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	31.2
79	9.5	0.0	28.5

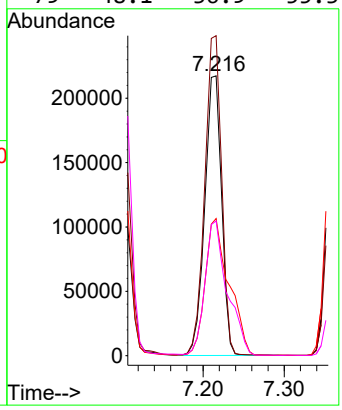




#17
2-Methylphenol
Concen: 43.893 ng
RT: 7.216 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

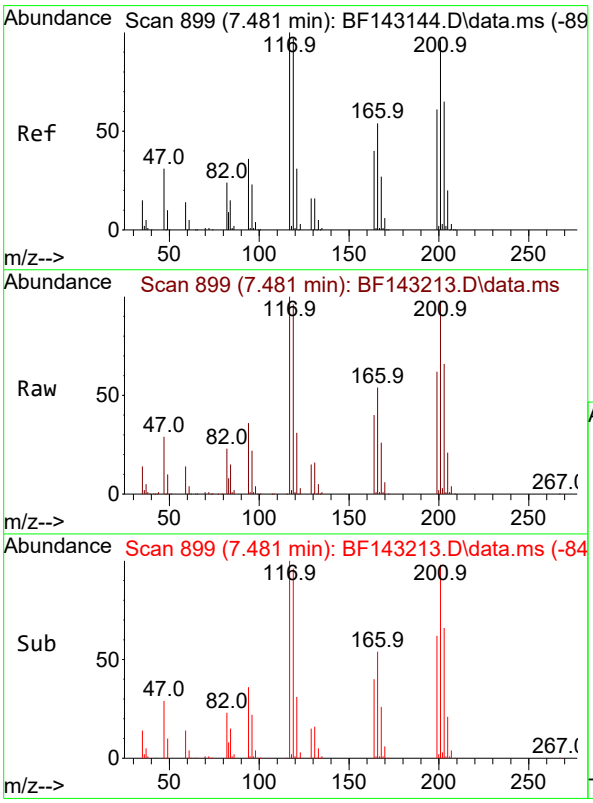
Tgt Ion:107 Resp: 31235

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	49.0	37.0	55.6
79	48.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
PB168954BS

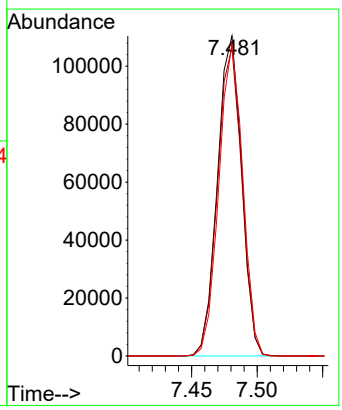
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

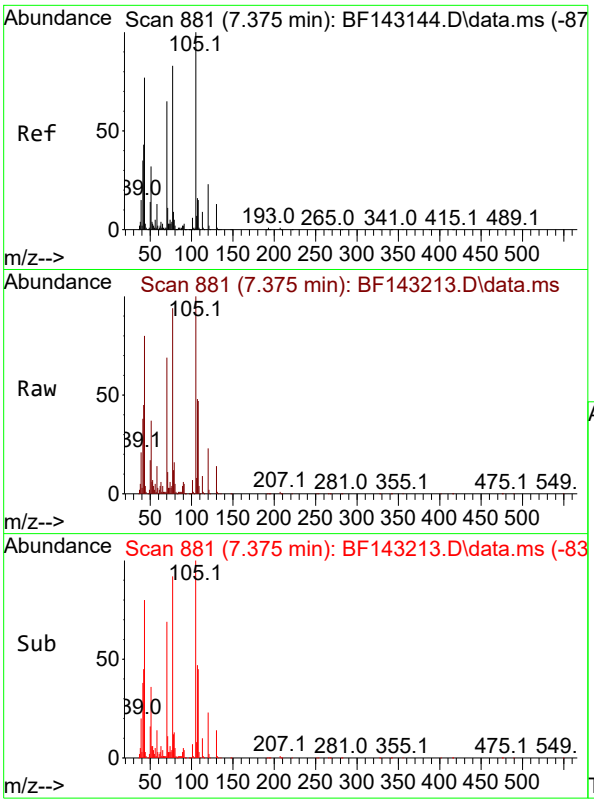


#18
Hexachloroethane
Concen: 44.303 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:117 Resp: 142004

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.8
201	97.5	77.0	115.4

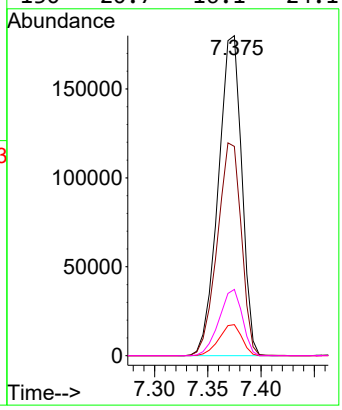




#19
n-Nitroso-di-n-propylamine
Concen: 42.261 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

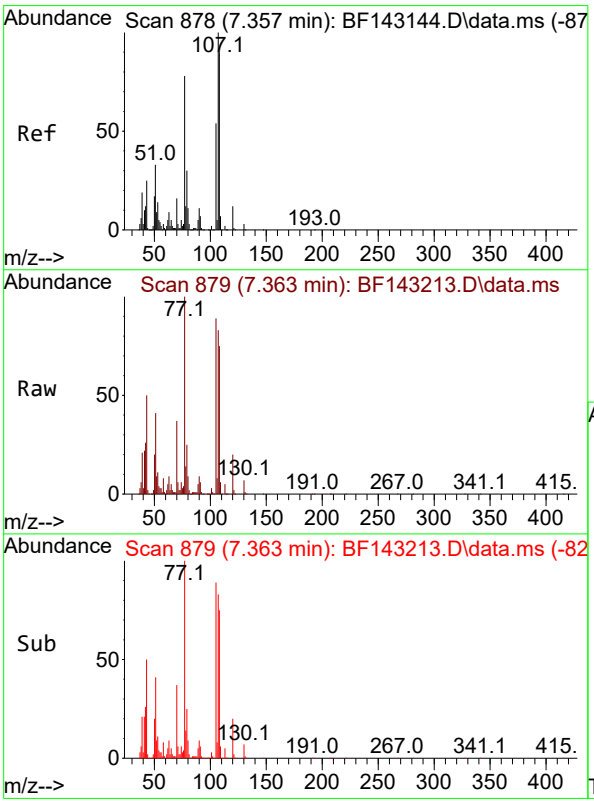
Tgt Ion: 70 Resp: 27555

Ion	Ratio	Lower	Upper
70	100		
42	65.4	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
PB168954BS

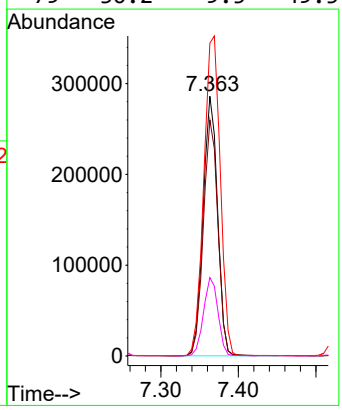
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

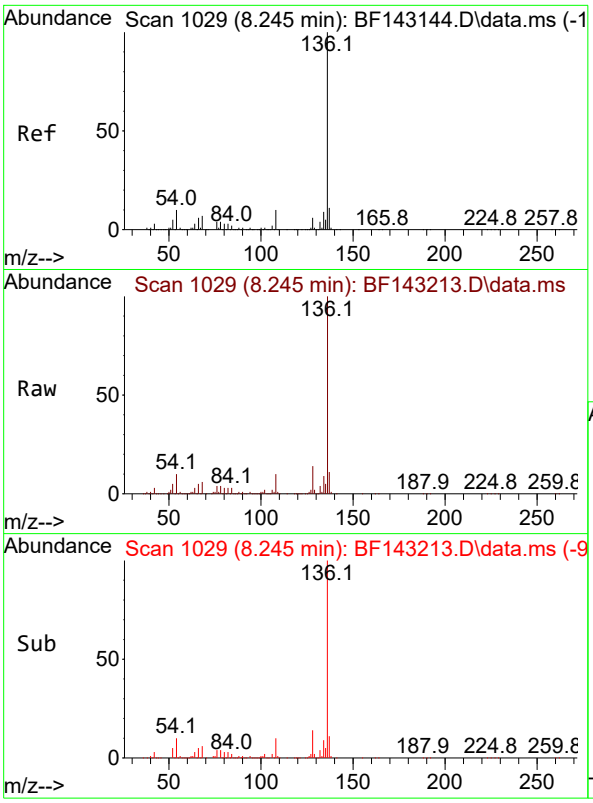


#20
3+4-Methylphenols
Concen: 42.722 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:107 Resp: 368857

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.0	110.0
77	120.5	57.8	97.8#
79	30.2	9.5	49.5

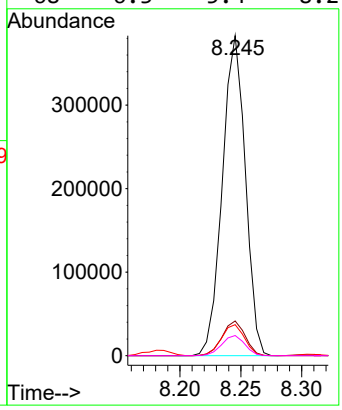




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

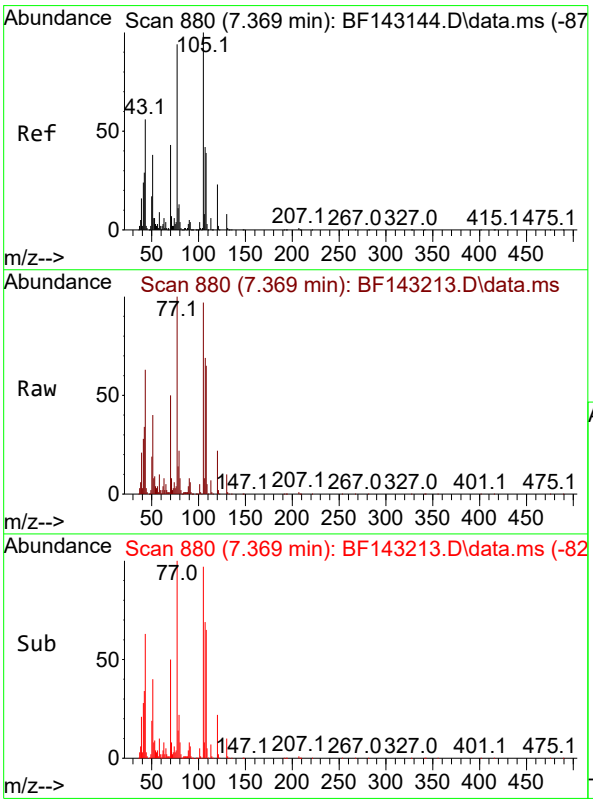
Tgt Ion:136 Resp: 50348

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	8.2	12.2
68	6.3	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

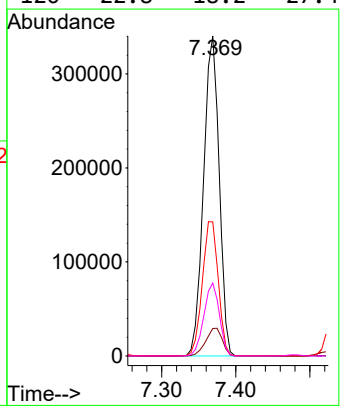
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

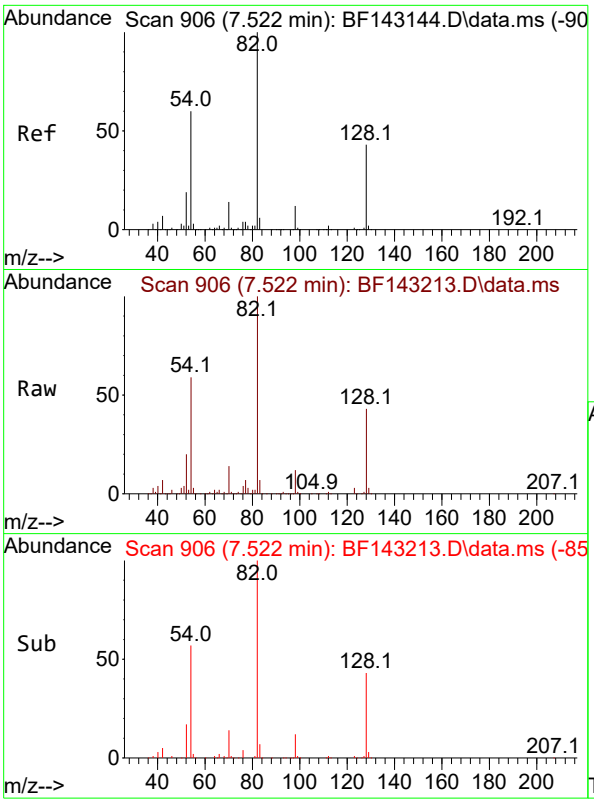


#22
Acetophenone
Concen: 41.862 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:105 Resp: 498995

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.8	8.6
51	41.9	30.2	45.2
120	22.8	18.2	27.4





#23
Nitrobenzene-d5
Concen: 82.019 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

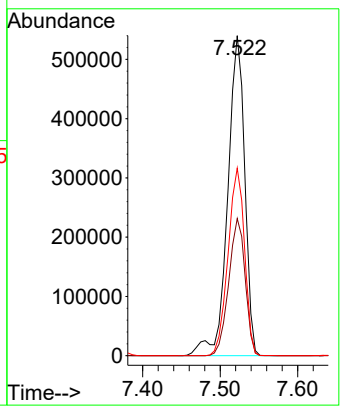
Tgt Ion: 82 Resp: 82844

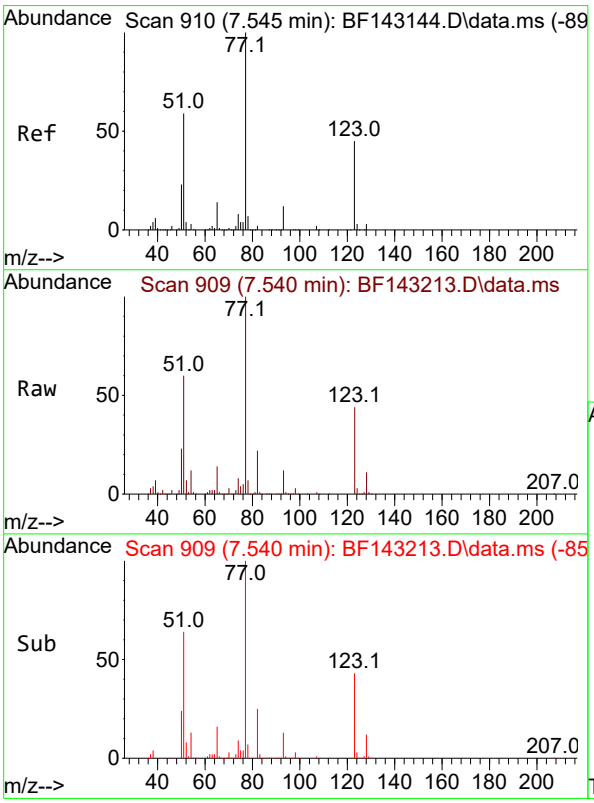
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.6	50.4
54	58.6	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
PB168954BS

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Reviewed By :Rahul Chavli 07/24/2025
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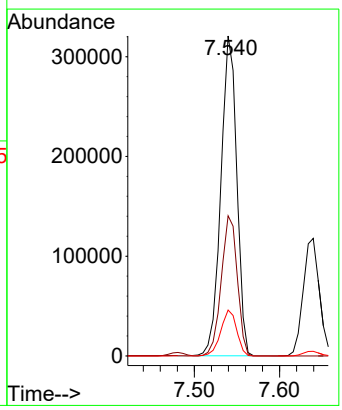


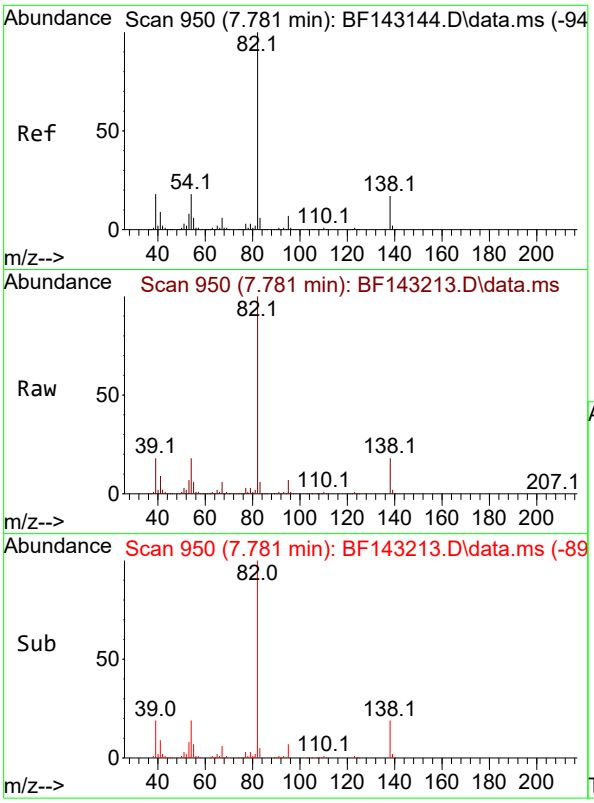


#24
Nitrobenzene
Concen: 44.214 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 77 Resp: 416358

Ion	Ratio	Lower	Upper
77	100		
123	43.8	36.1	54.1
65	14.4	11.4	17.2

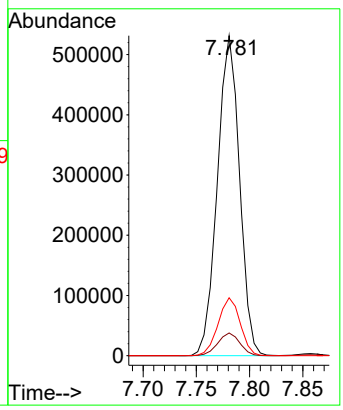




#25
Isophorone
Concen: 43.064 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 82 Resp: 76787

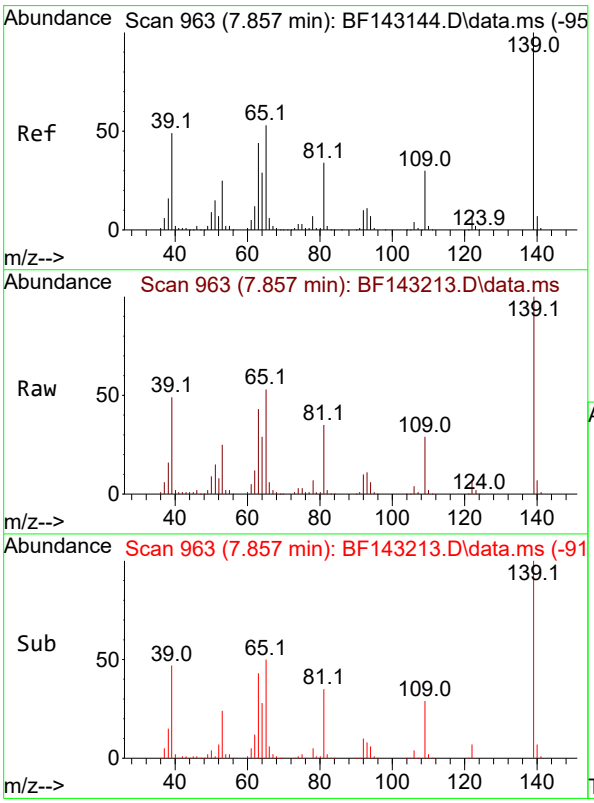
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.1	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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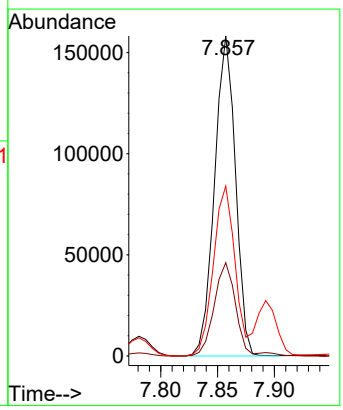
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

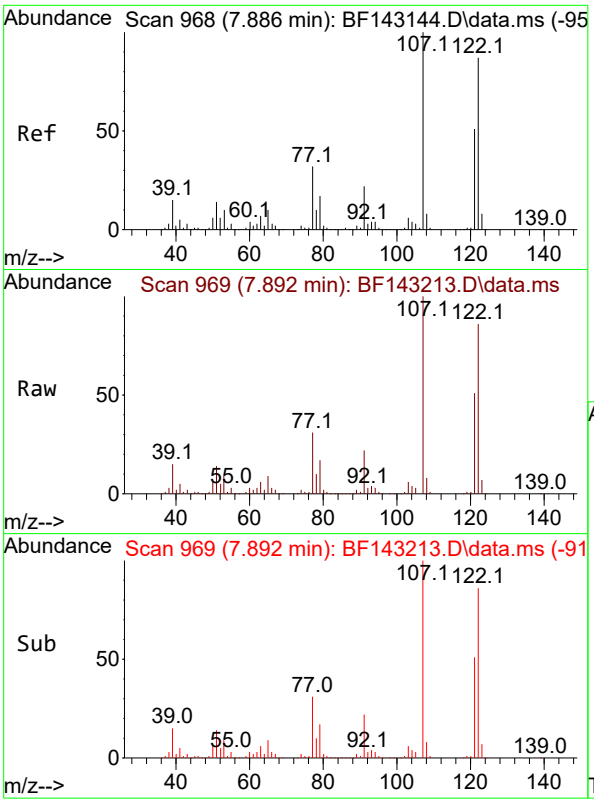


#26
2-Nitrophenol
Concen: 49.640 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:139 Resp: 202876

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.6	35.4
65	53.1	42.6	64.0

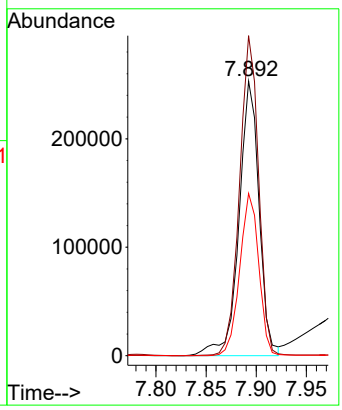




#27
2,4-Dimethylphenol
Concen: 42.392 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:122 Resp: 35315

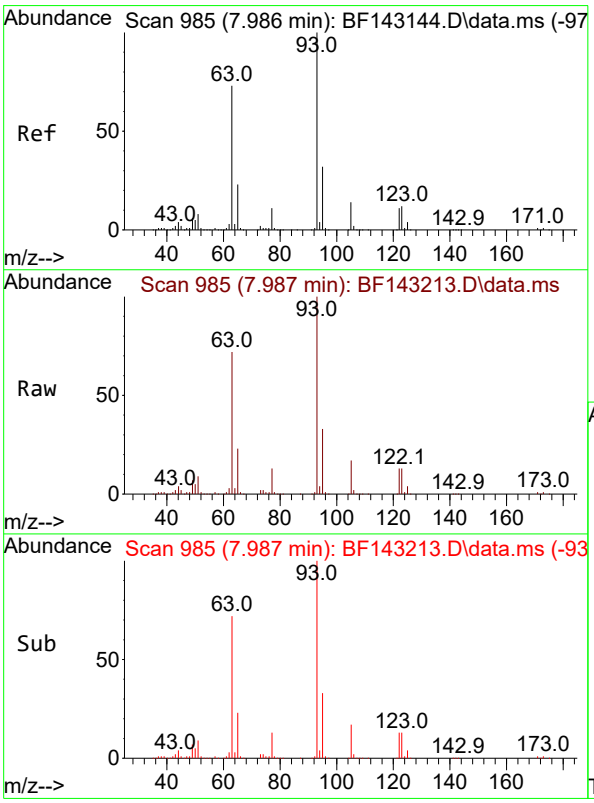
Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.8	137.6
121	59.1	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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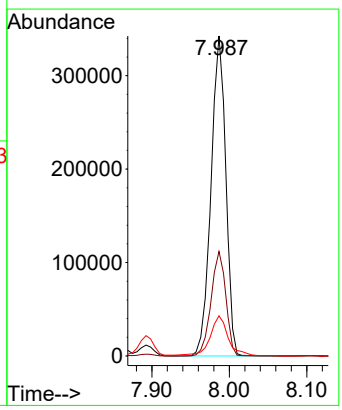
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

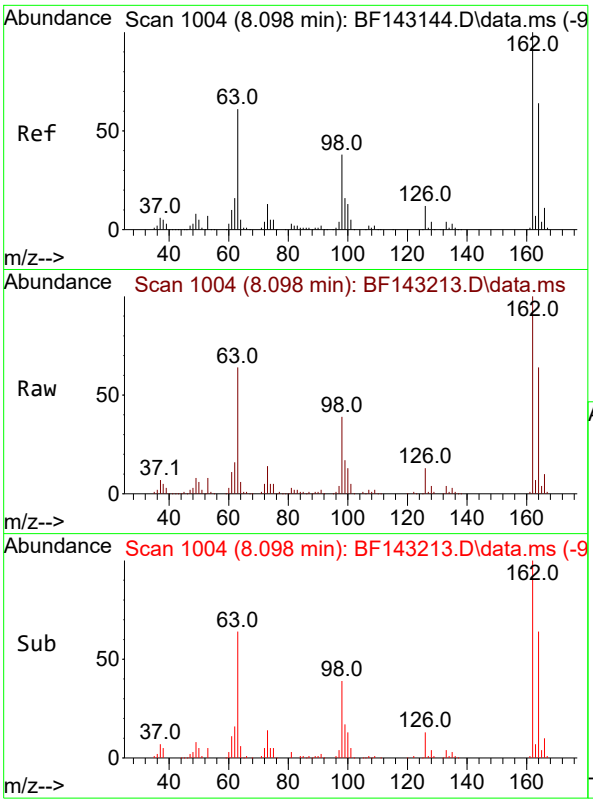


#28
bis(2-Chloroethoxy)methane
Concen: 42.499 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 93 Resp: 454347

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.5	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 43.967 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

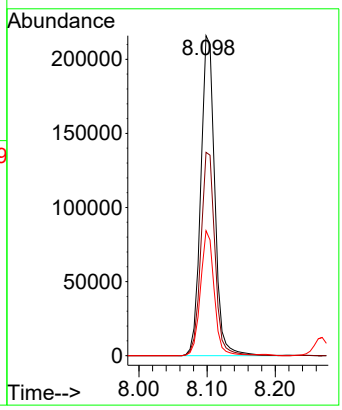
Tgt Ion:162 Resp: 30889

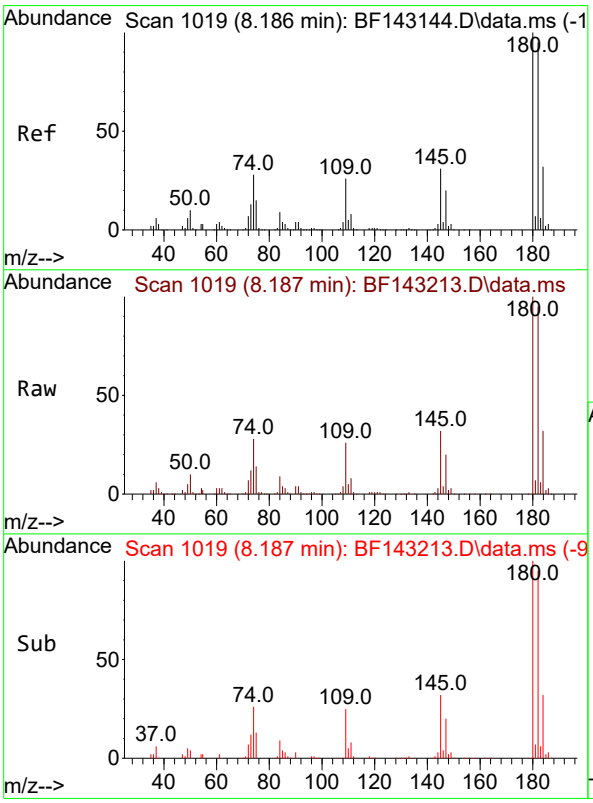
Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	39.1	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

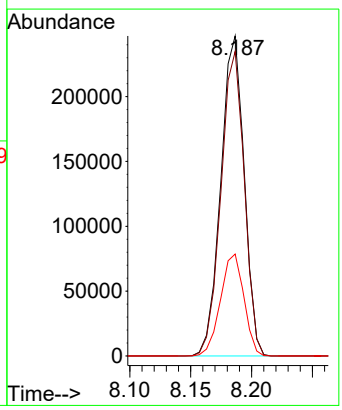


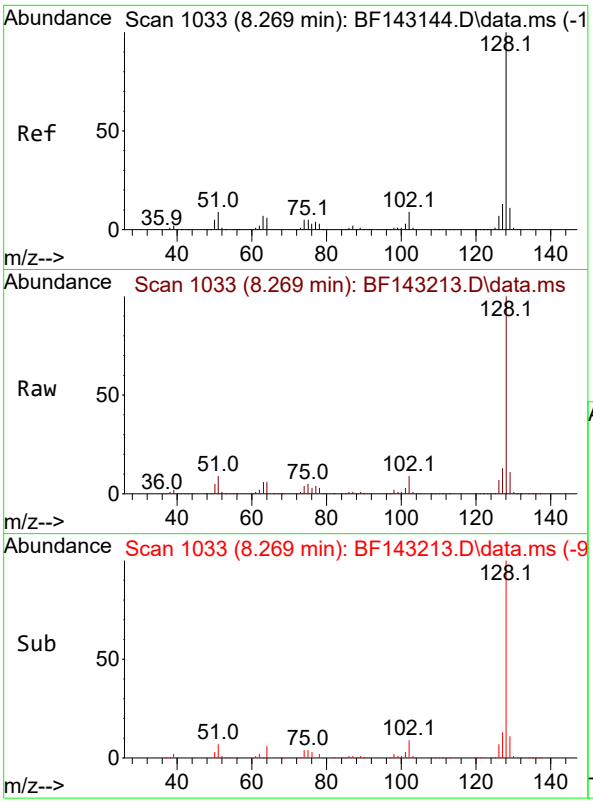


#30
1,2,4-Trichlorobenzene
Concen: 43.389 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:180 Resp: 329323

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.8	25.0	37.6

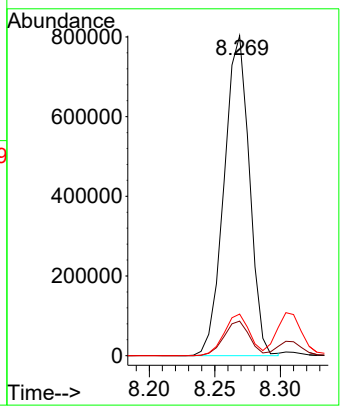




#31
Naphthalene
Concen: 43.425 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:128 Resp: 107677

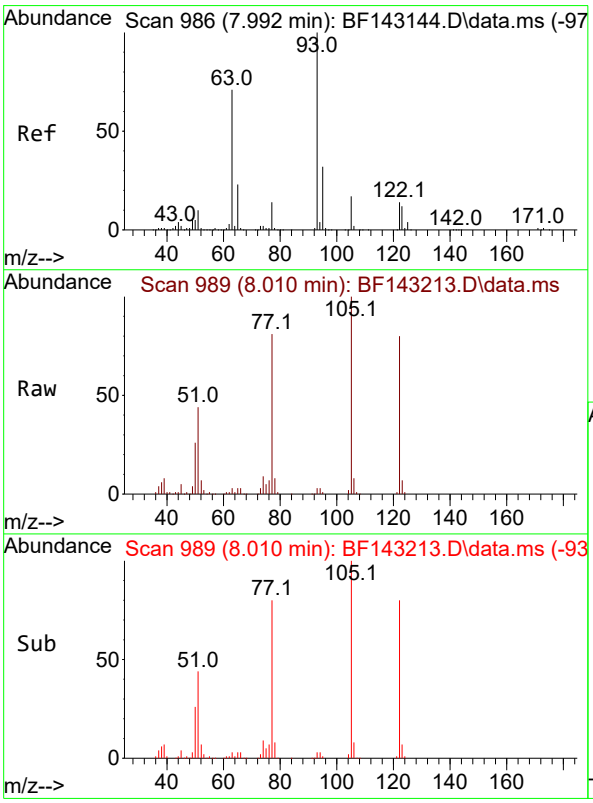
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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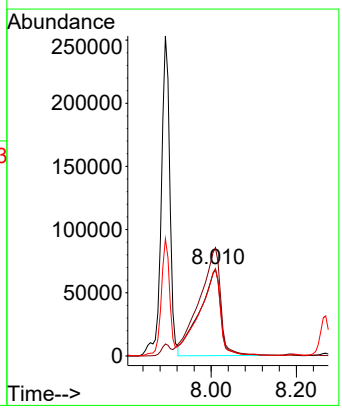
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

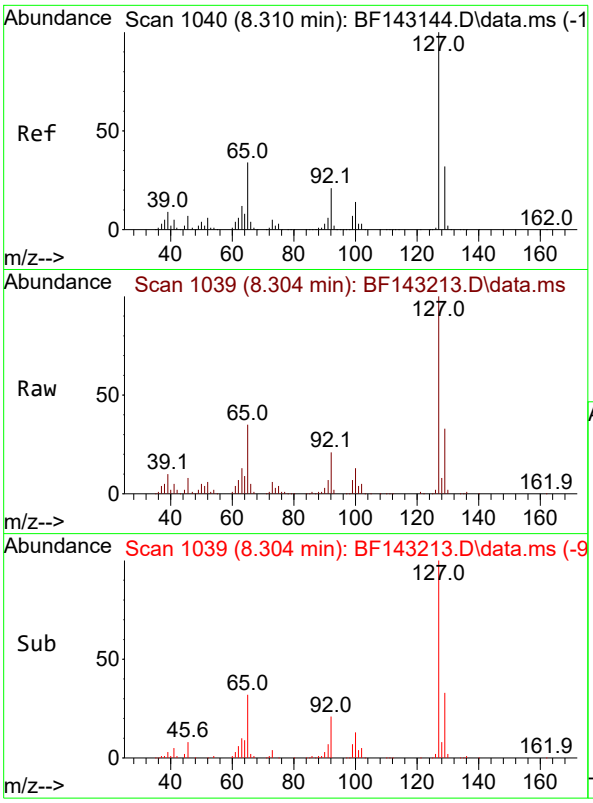


#32
Benzoic acid
Concen: 50.344 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:122 Resp: 237583

Ion	Ratio	Lower	Upper
122	100		
105	125.1	104.8	144.8
77	100.9	77.6	117.6

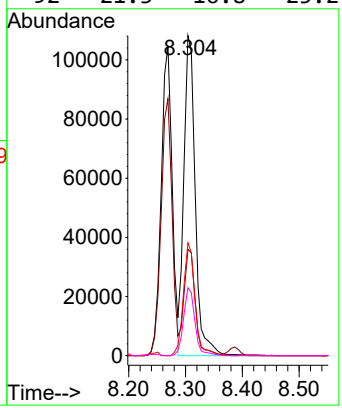




#33
4-Chloroaniline
Concen: 14.956 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:127 Resp: 15142

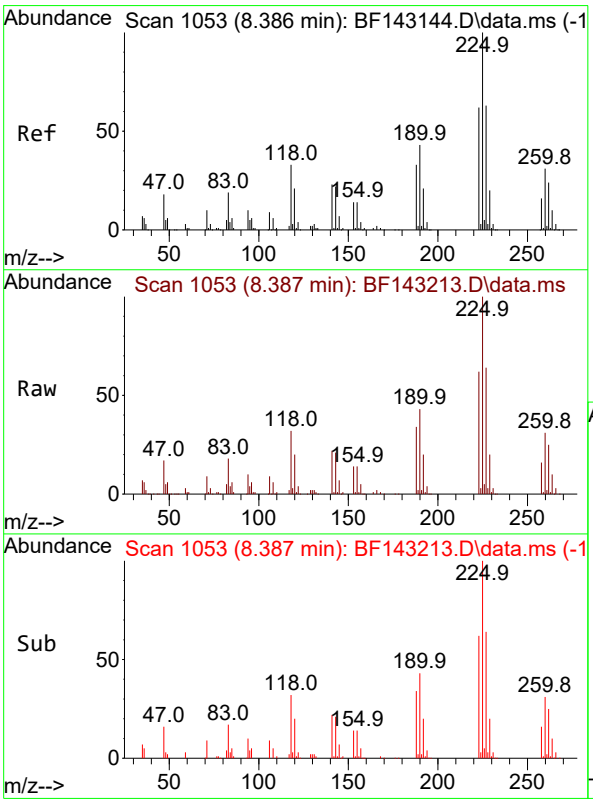
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	35.3	27.4	41.2
92	21.3	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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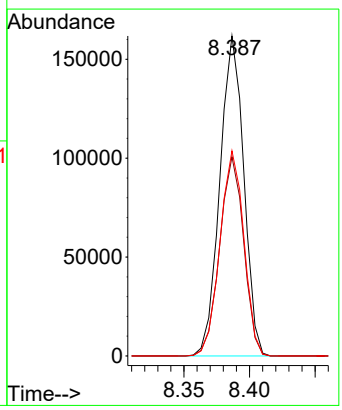
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

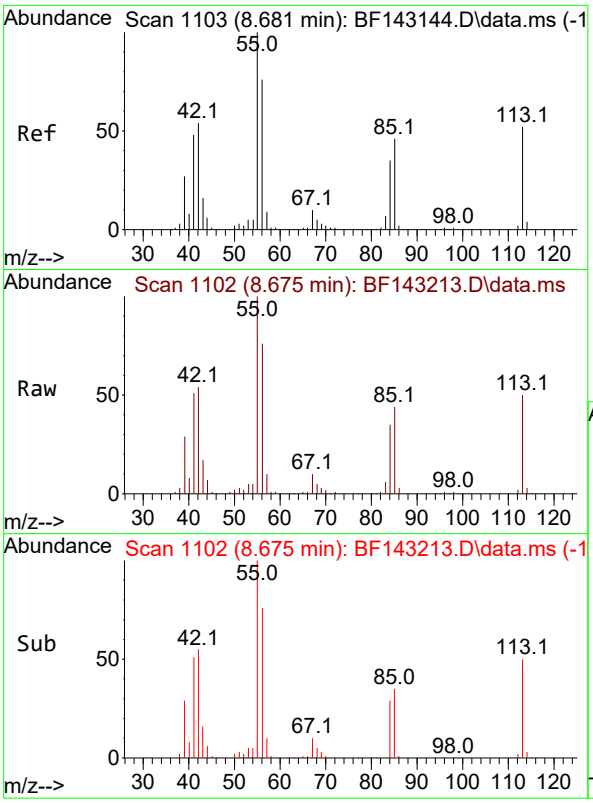


#34
Hexachlorobutadiene
Concen: 44.172 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:225 Resp: 204807

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.1	50.2	75.4

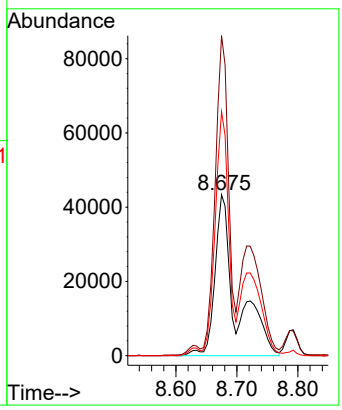




#35
Caprolactam
Concen: 49.274 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:113 Resp: 10460

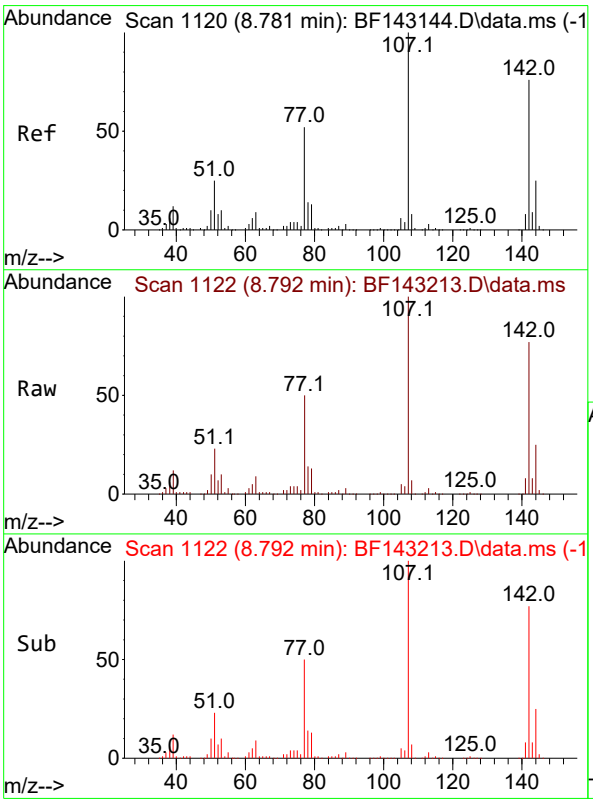
Ion	Ratio	Lower	Upper
113	100		
55	198.8	174.0	214.0
56	151.6	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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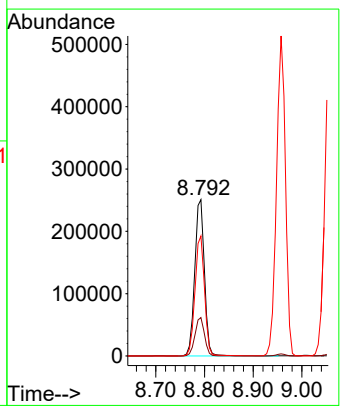
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

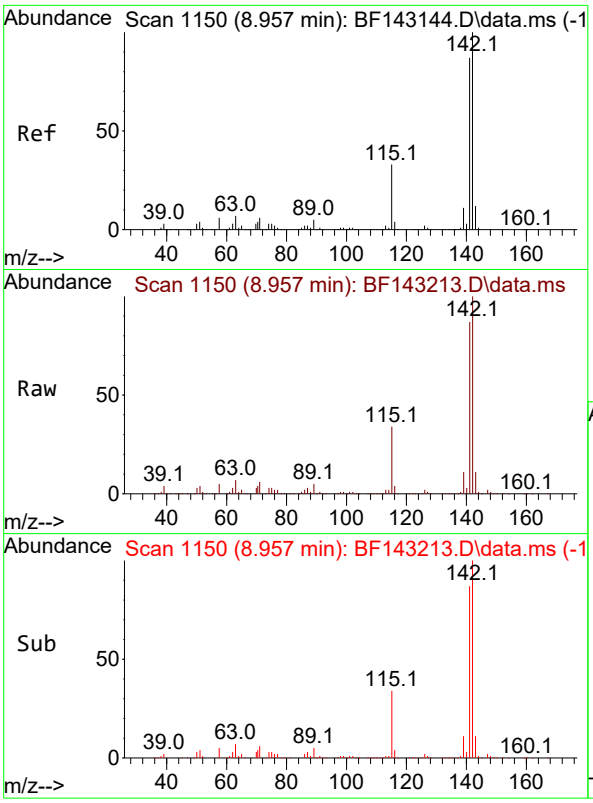


#36
4-Chloro-3-methylphenol
Concen: 45.686 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:107 Resp: 348866

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.8	60.6	90.8

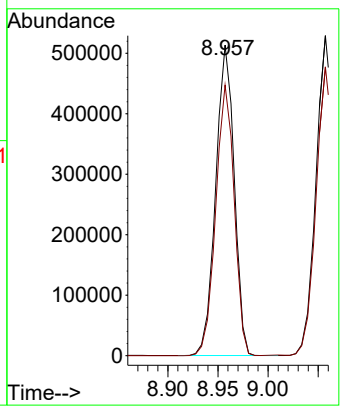




#37
2-Methylnaphthalene
Concen: 43.644 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:142 Resp: 65853

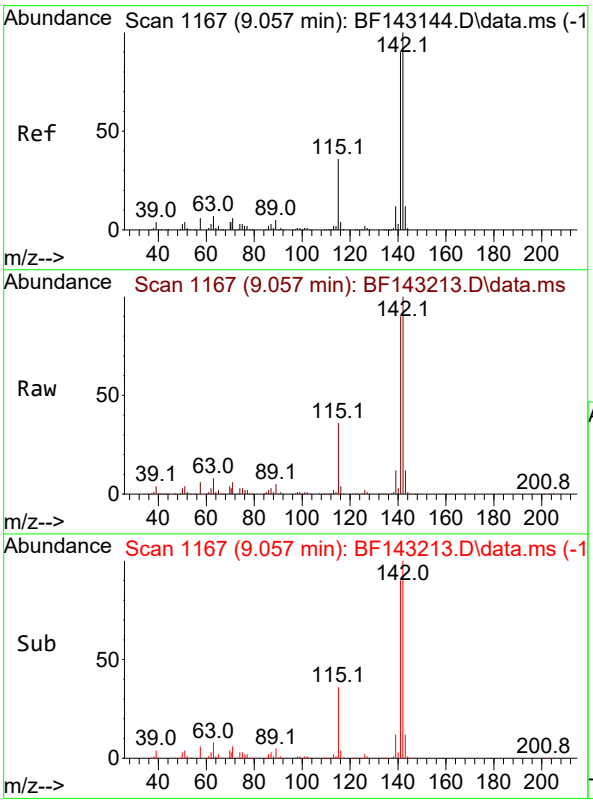
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
PB168954BS

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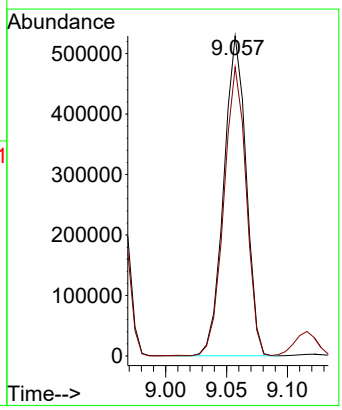
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

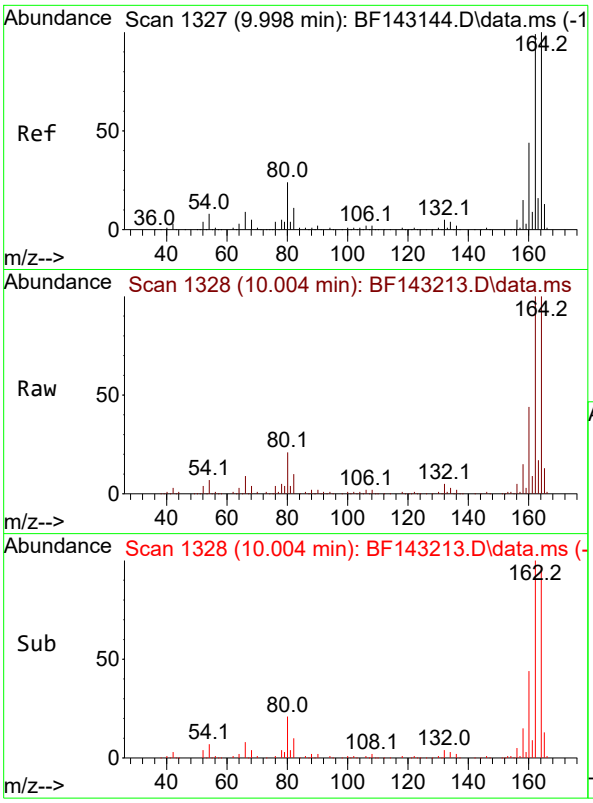


#38
1-Methylnaphthalene
Concen: 43.462 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:142 Resp: 675295

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5

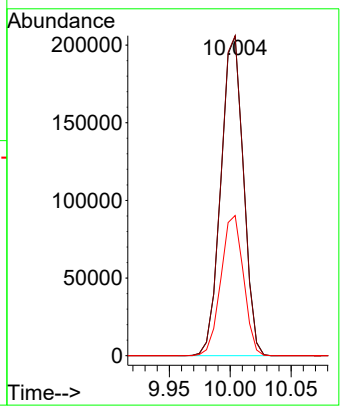




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:164 Resp: 26518

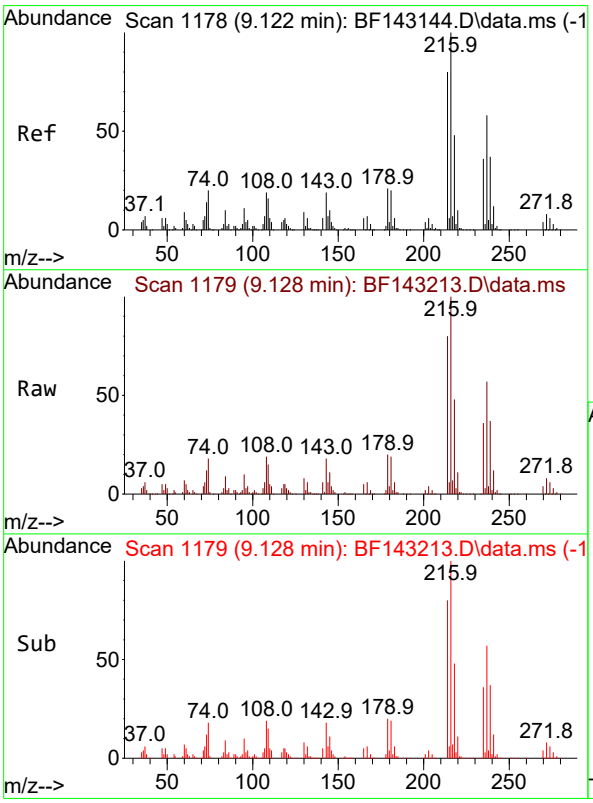
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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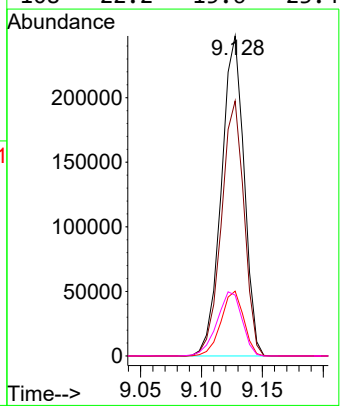
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

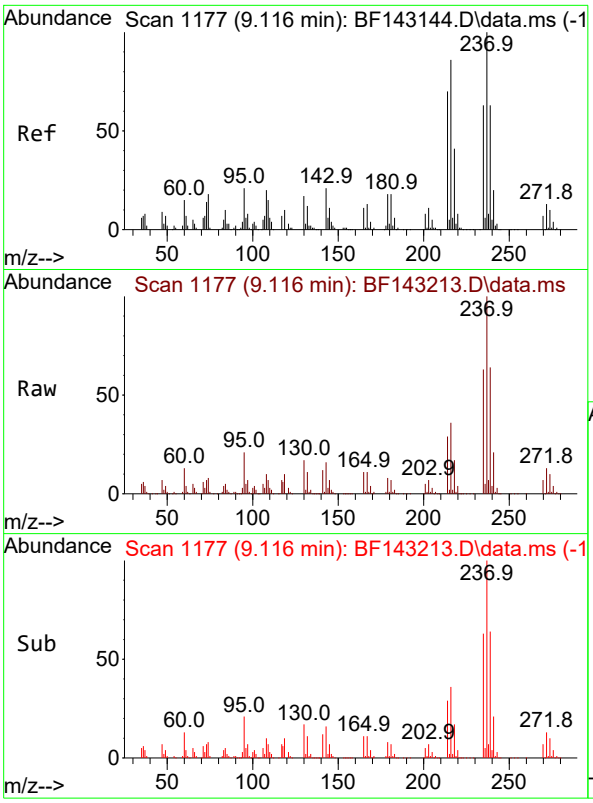


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.961 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:216 Resp: 321264

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	20.3	16.4	24.6
108	22.2	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 89.952 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

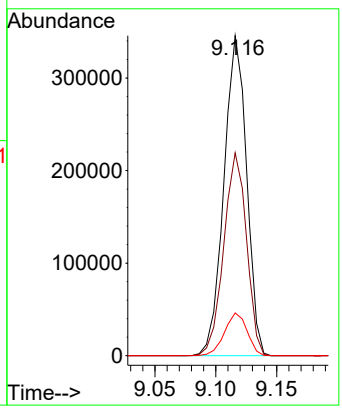
Instrument :
BNA_F
ClientSampleId :
PB168954BS

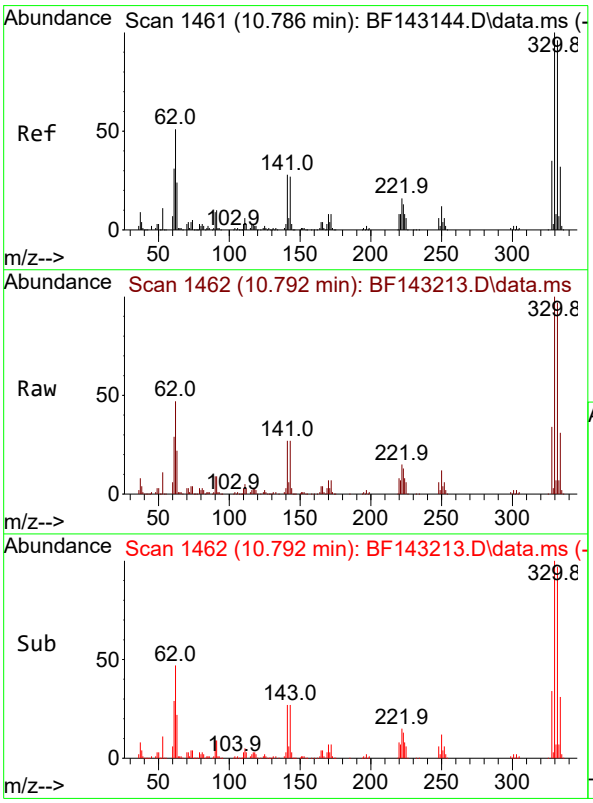
Tgt Ion:237 Resp: 44811

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.4	0.0	33.3

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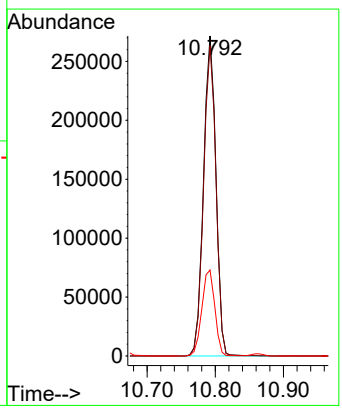


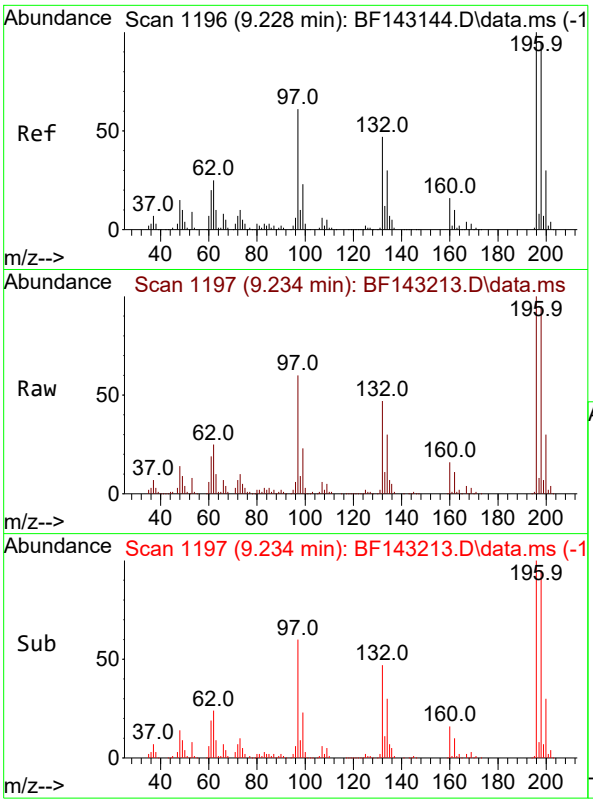


#42
2,4,6-Tribromophenol
Concen: 125.615 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:330 Resp: 344125

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	28.1	23.3	34.9

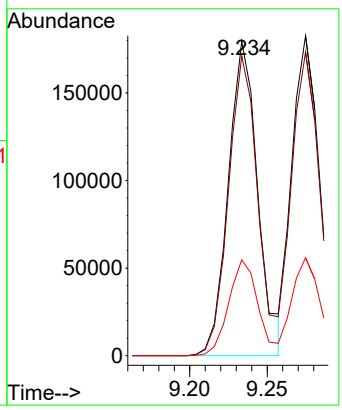




#43
2,4,6-Trichlorophenol
Concen: 44.718 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:196 Resp: 23695

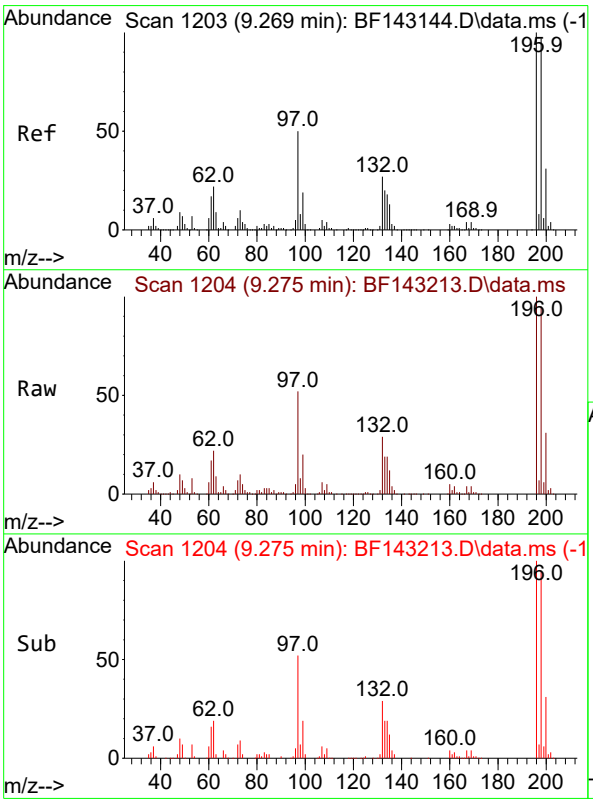
Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.2	114.2
200	30.5	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
PB168954BS

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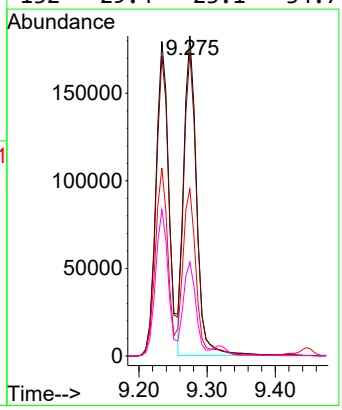
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

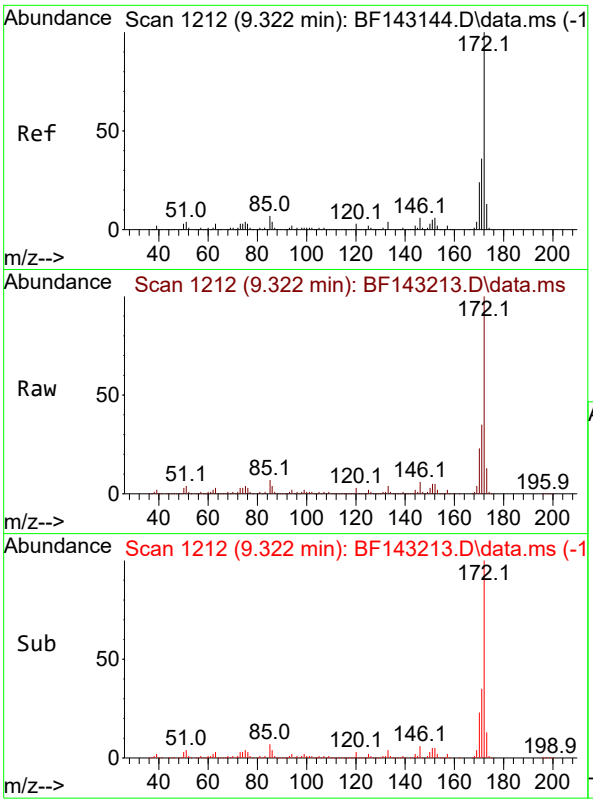


#44
2,4,5-Trichlorophenol
Concen: 44.660 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:196 Resp: 236712

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.3	115.9
97	52.2	40.3	60.5
132	29.4	23.1	34.7

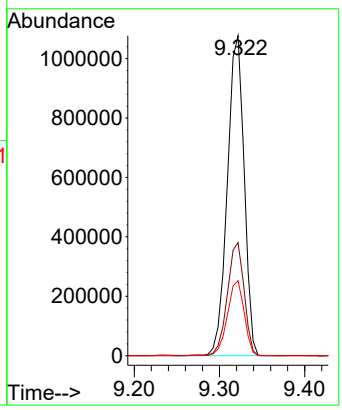




#45
2-Fluorobiphenyl
Concen: 76.072 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

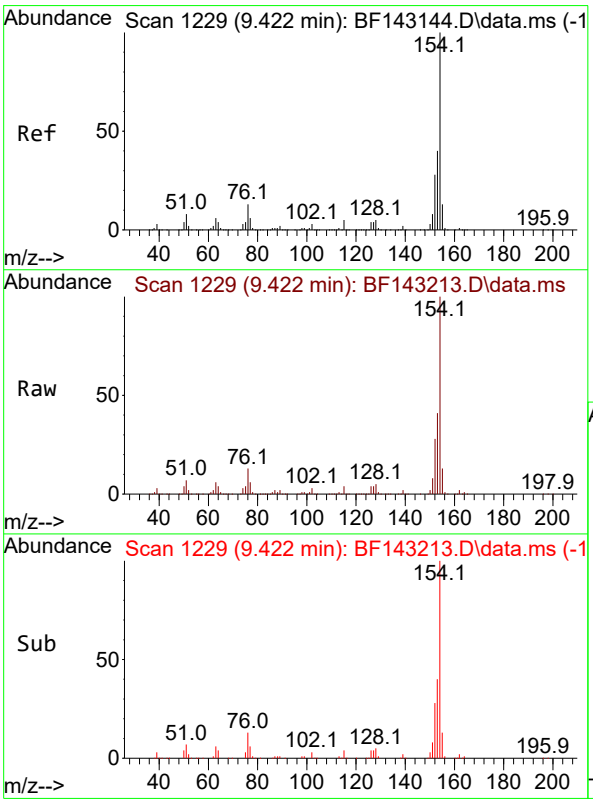
Tgt Ion:172 Resp: 147506

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

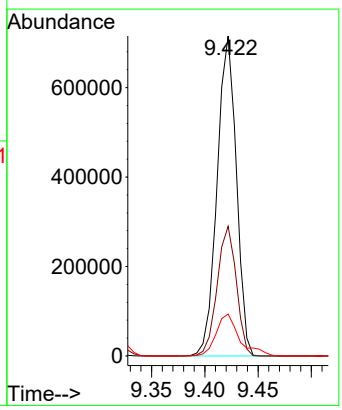
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

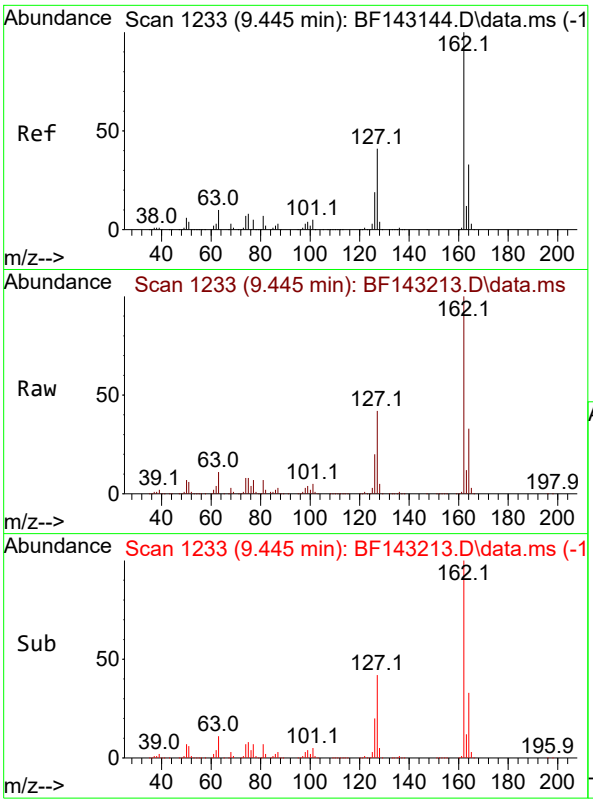


#46
1,1'-Biphenyl
Concen: 43.351 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:154 Resp: 896929

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.1	0.0	33.3

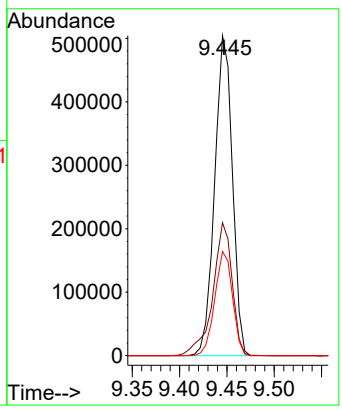




#47
2-Chloronaphthalene
Concen: 42.952 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:162 Resp: 65755

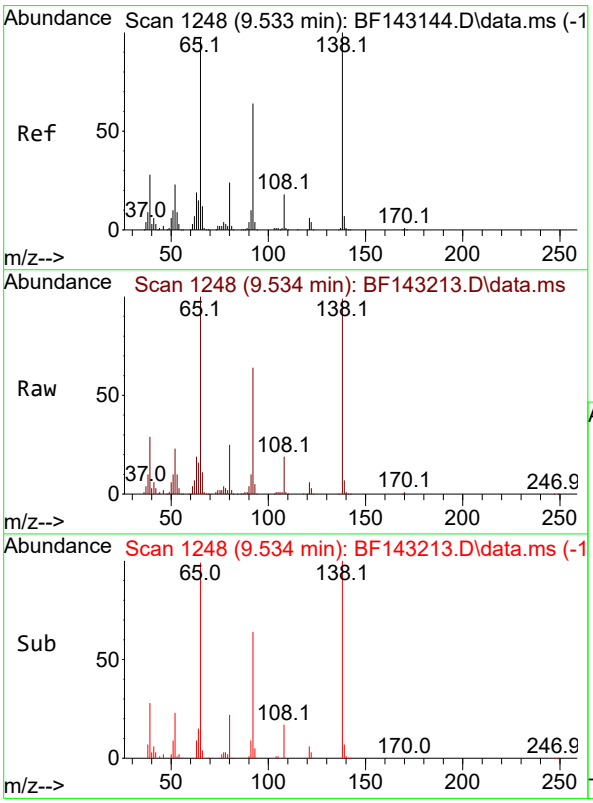
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

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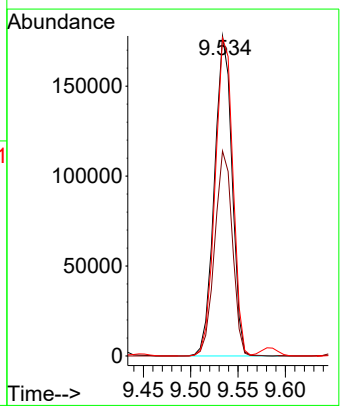
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

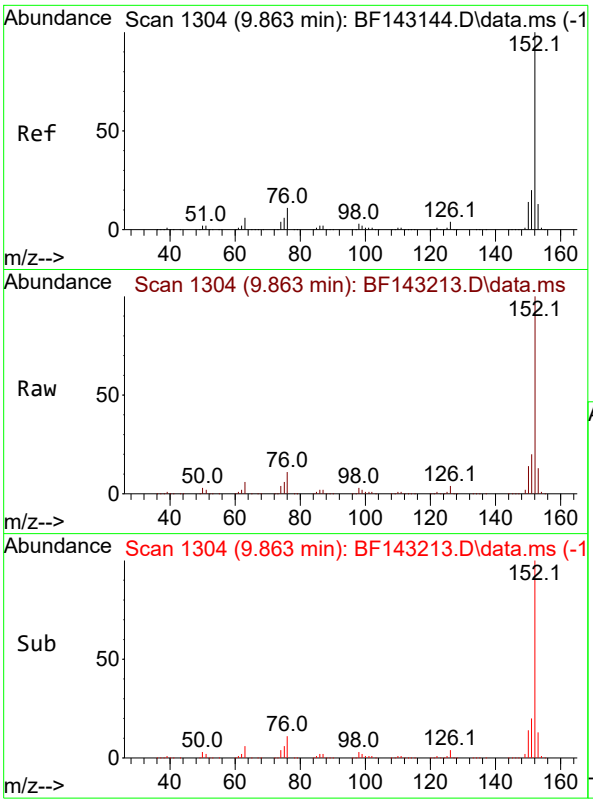


#48
2-Nitroaniline
Concen: 48.027 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 65 Resp: 230570

Ion	Ratio	Lower	Upper
65	100		
92	64.1	52.4	78.6
138	99.4	82.3	123.5

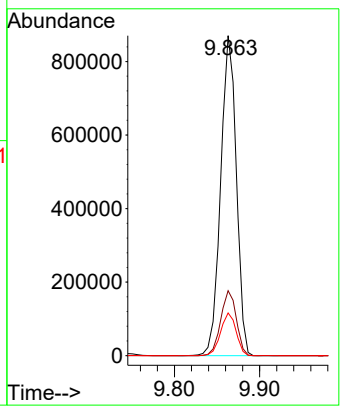




#49
Acenaphthylene
Concen: 43.414 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:152 Resp: 111381

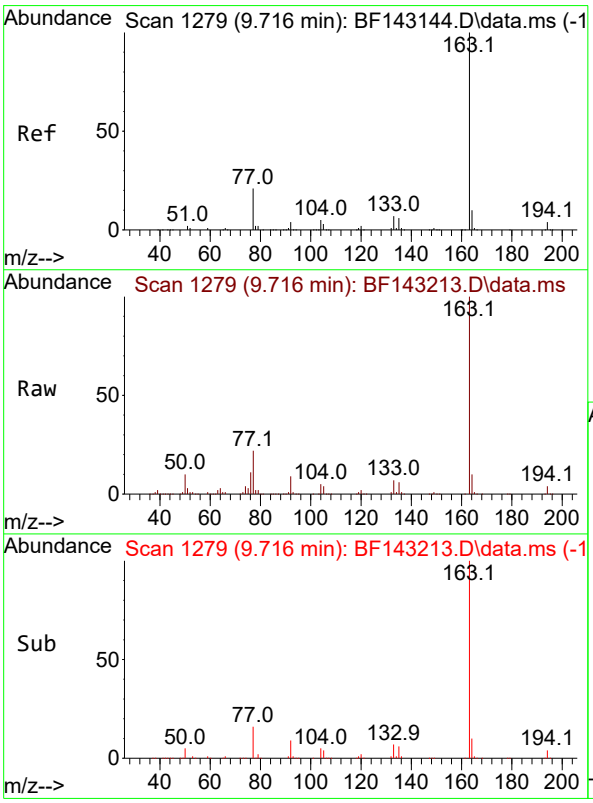
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB168954BS

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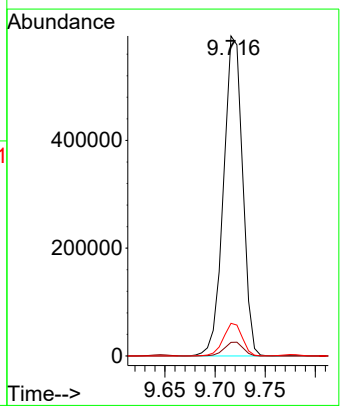
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

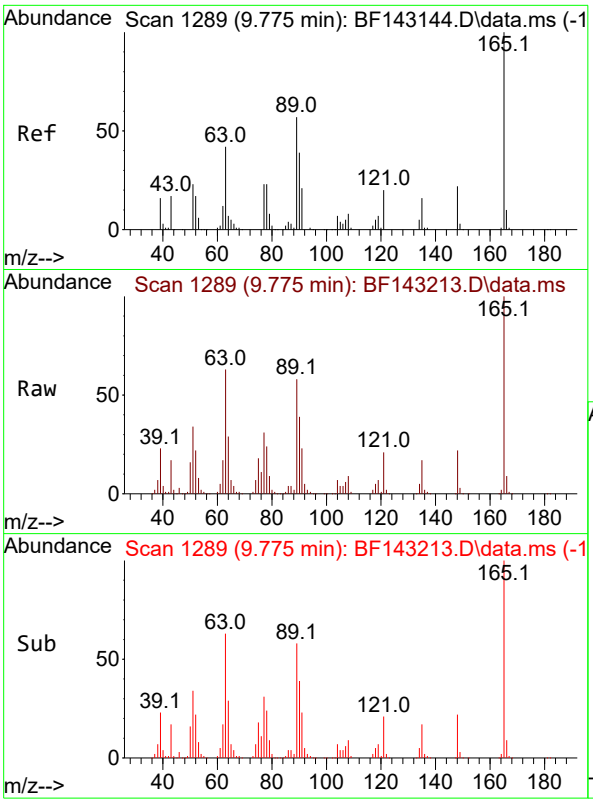


#50
Dimethylphthalate
Concen: 45.483 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:163 Resp: 786201

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 49.290 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

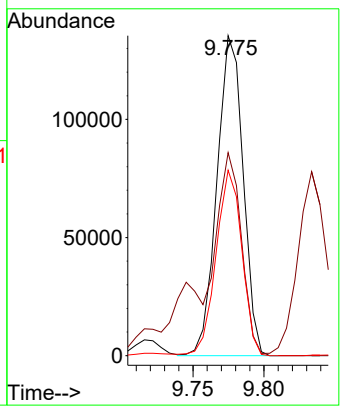
Tgt Ion:165 Resp: 17332

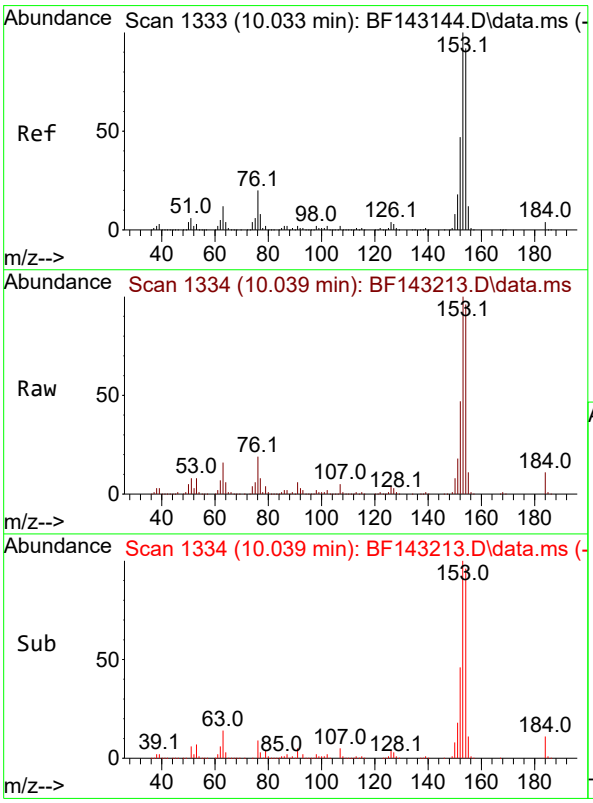
Ion	Ratio	Lower	Upper
165	100		
63	63.5	49.4	74.2
89	58.0	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
PB168954BS

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Reviewed By :Rahul Chavli 07/24/2025
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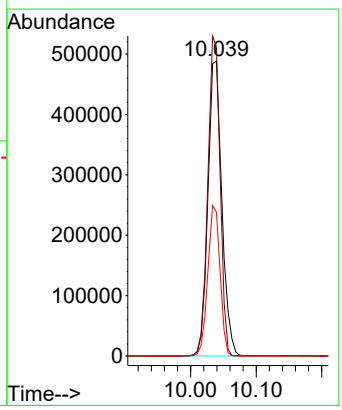


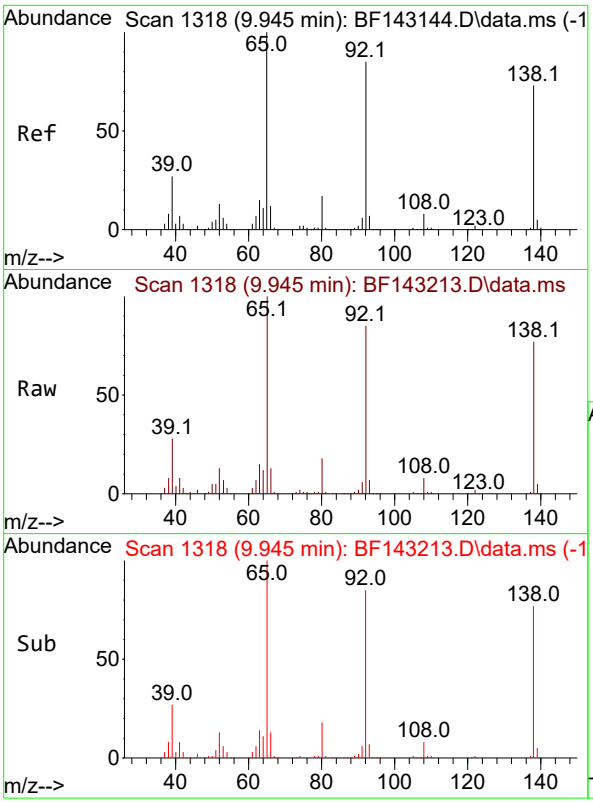


#52
Acenaphthene
Concen: 47.611 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:154 Resp: 721953

Ion	Ratio	Lower	Upper
154	100		
153	104.6	86.6	129.8
152	48.8	40.4	60.6

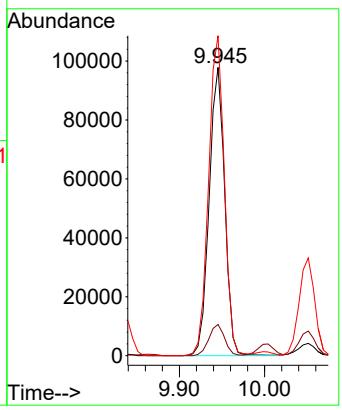




#53
3-Nitroaniline
Concen: 30.214 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:138 Resp: 12426

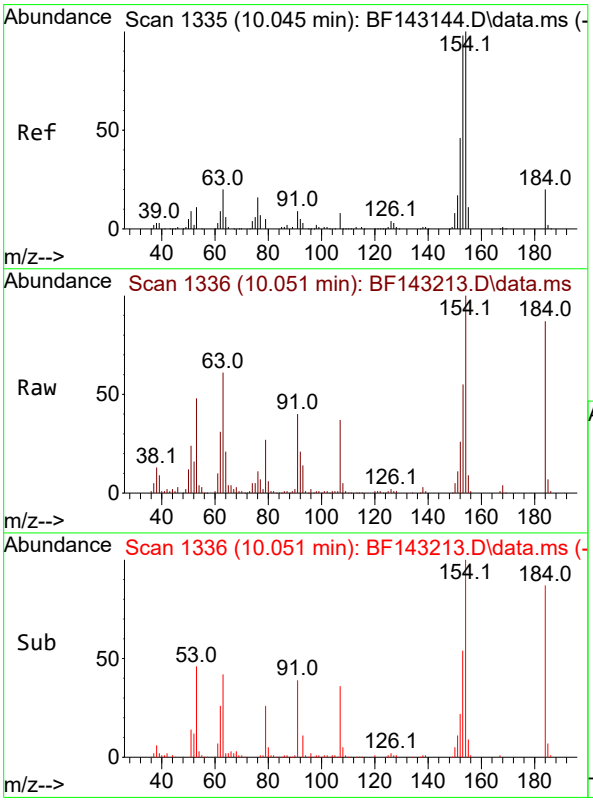
Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.6
92	111.0	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

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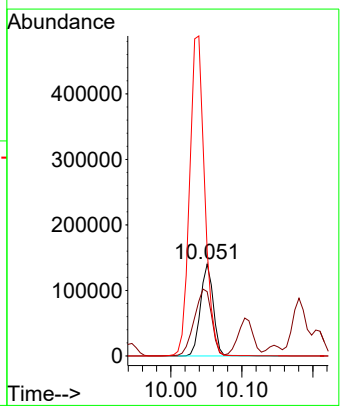
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

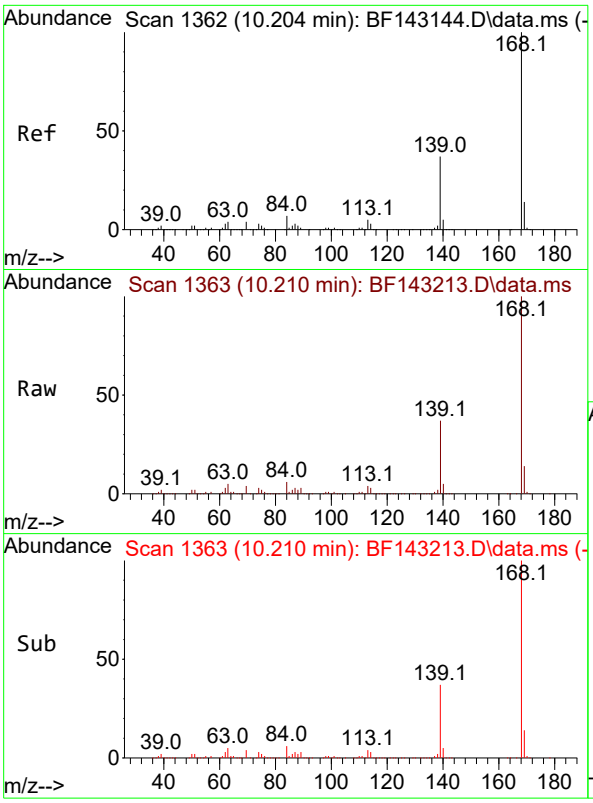


#54
2,4-Dinitrophenol
Concen: 108.635 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:184 Resp: 177281

Ion	Ratio	Lower	Upper
184	100		
63	69.9	81.8	122.6#
154	114.8	412.2	618.4#

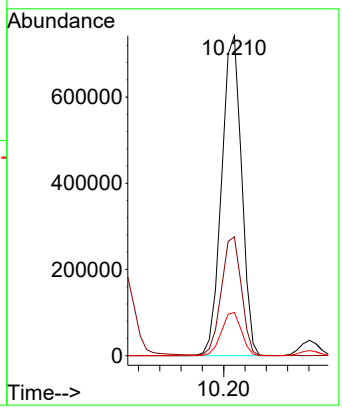




#55
Dibenzofuran
Concen: 42.884 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:168 Resp: 96544

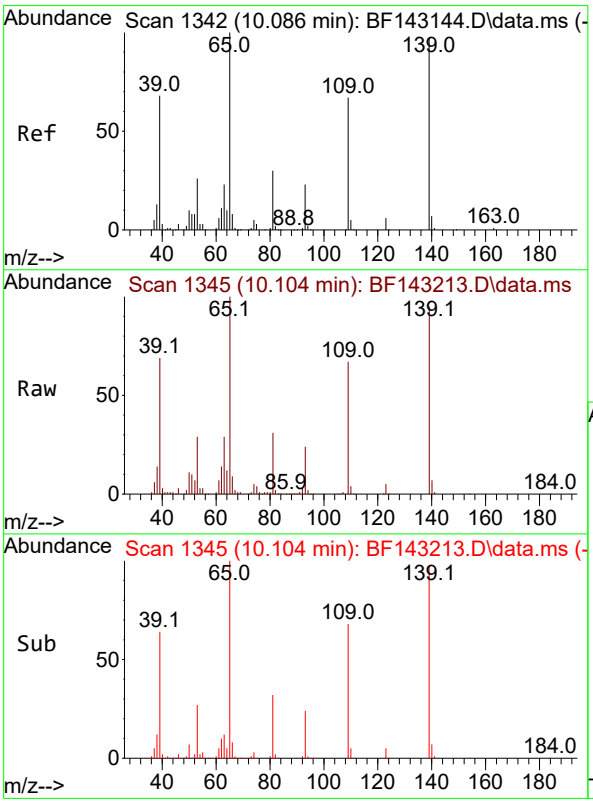
Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.5	44.3
169	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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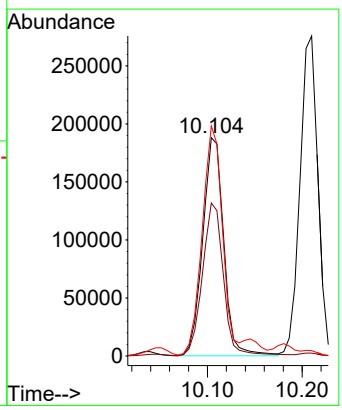
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

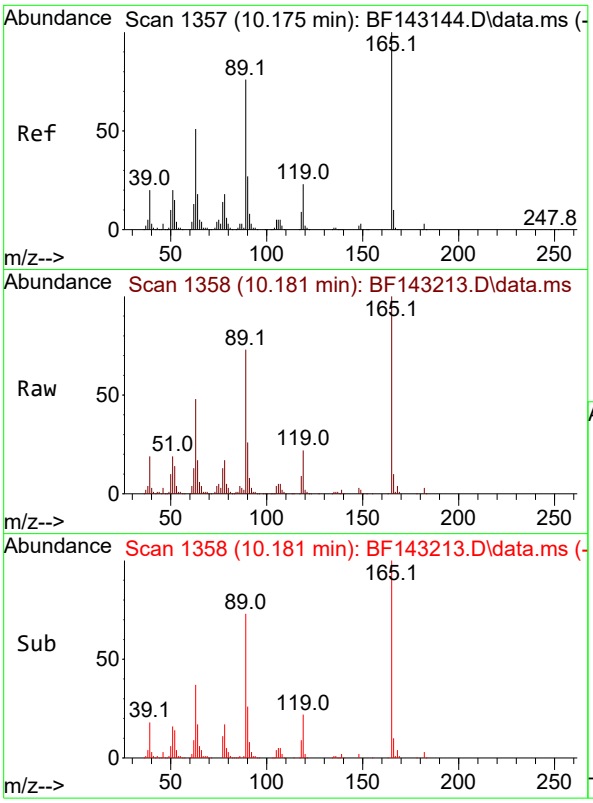


#56
4-Nitrophenol
Concen: 94.066 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:139 Resp: 288911

Ion	Ratio	Lower	Upper
139	100		
109	70.1	48.5	88.5
65	105.4	83.4	123.4

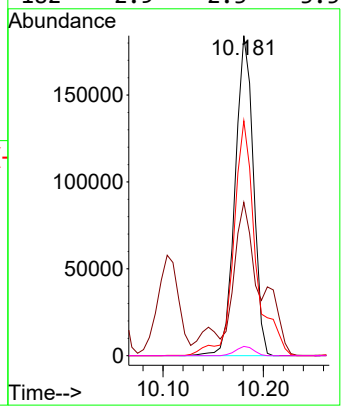




#57
2,4-Dinitrotoluene
Concen: 53.000 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:165 Resp: 23382

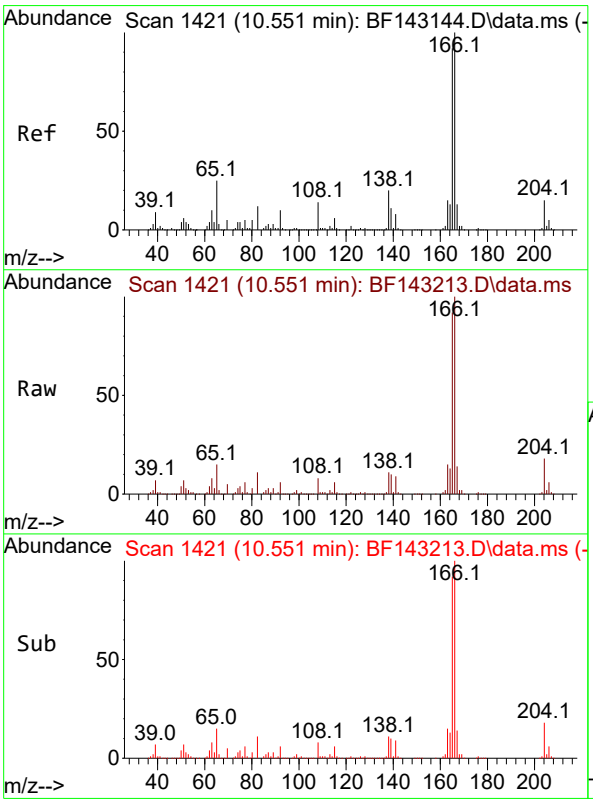
Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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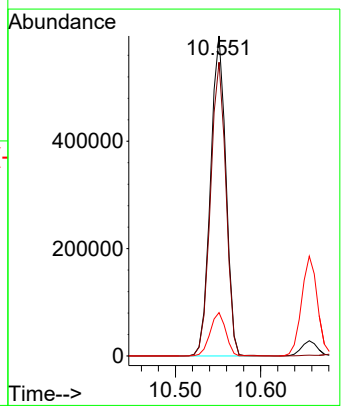
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

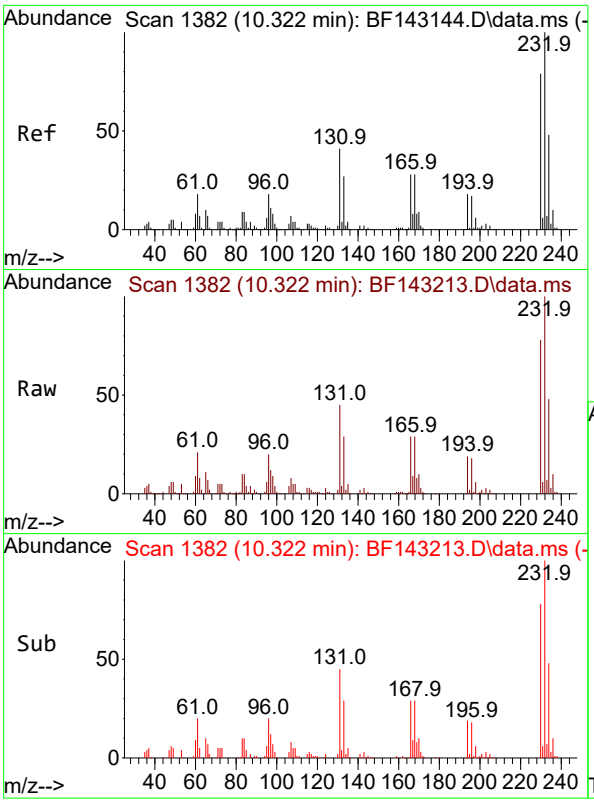


#58
Fluorene
Concen: 44.223 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:166 Resp: 747219

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.7	110.5
167	13.6	10.6	16.0

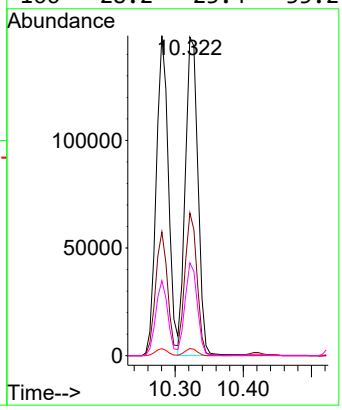




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.109 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:232 Resp: 18927

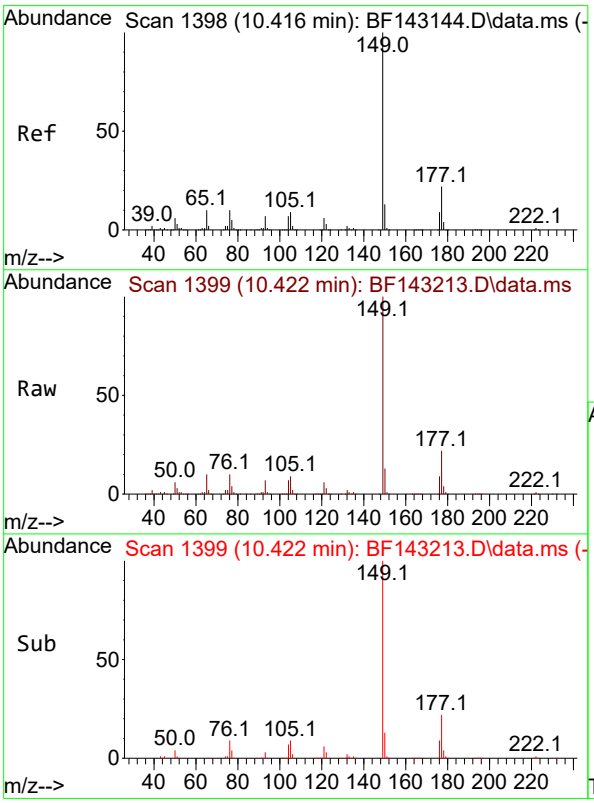
Ion	Ratio	Lower	Upper
232	100		
131	43.1	35.3	52.9
130	2.2	1.7	2.5
166	28.2	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

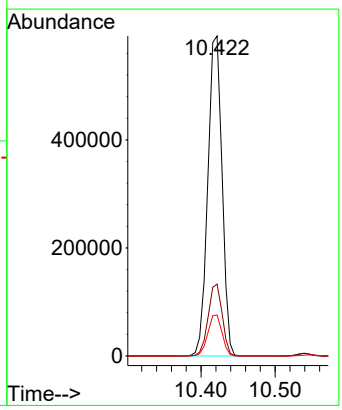
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

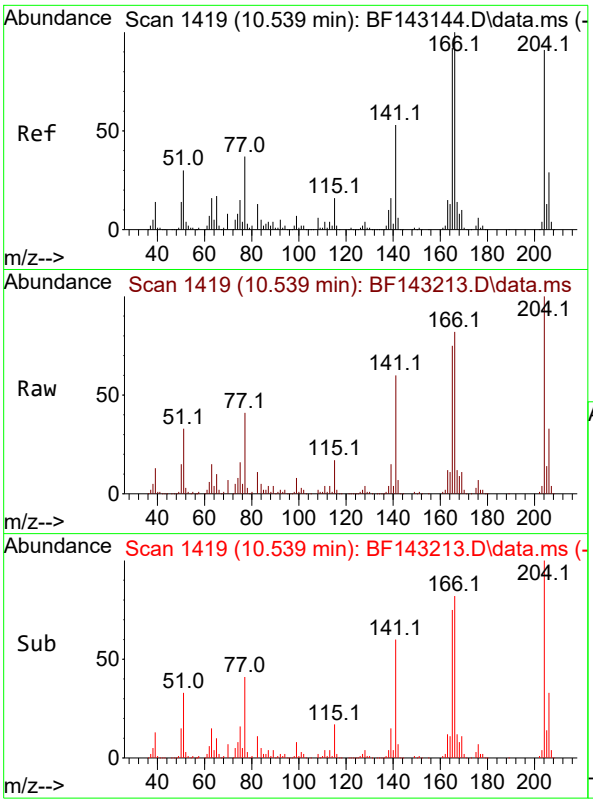


#60
Diethylphthalate
Concen: 46.227 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:149 Resp: 789791

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.8	10.2	15.2

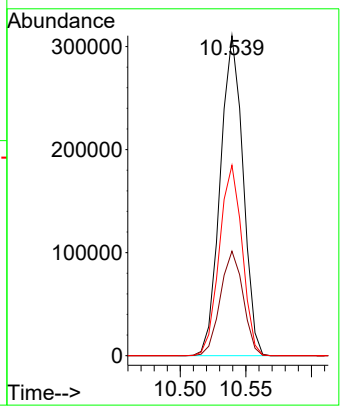




#61
4-Chlorophenyl-phenylether
Concen: 44.515 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:204 Resp: 37452

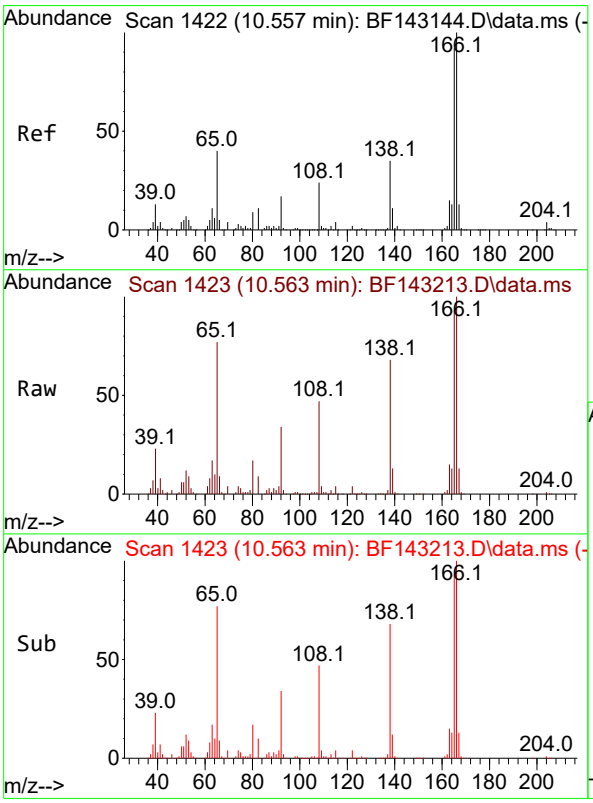
Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	59.5	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

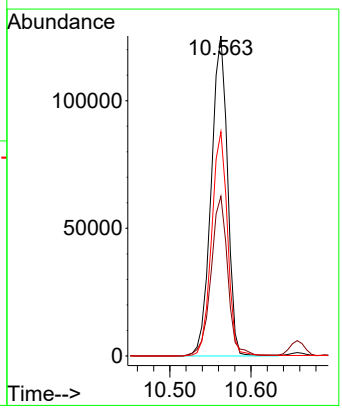
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

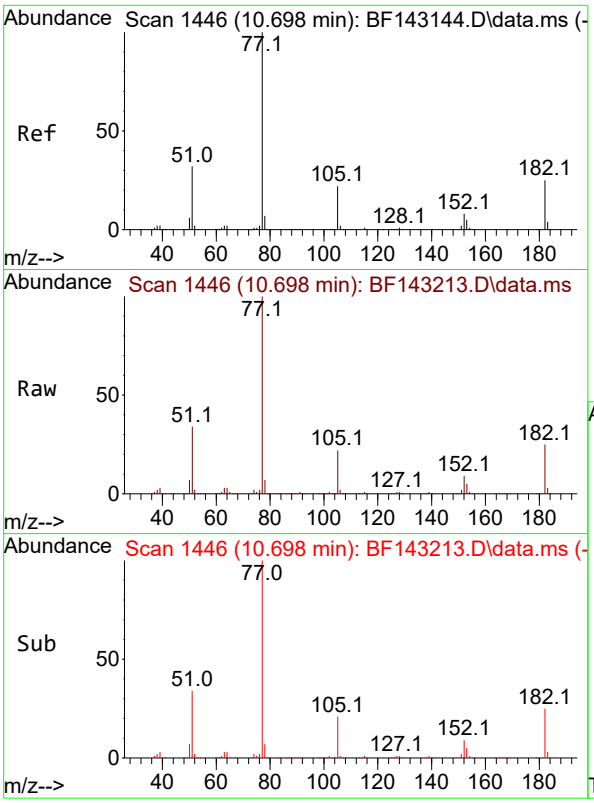


#62
4-Nitroaniline
Concen: 49.717 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:138 Resp: 175257

Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.3	69.3
108	70.1	48.3	88.3





#63
Azobenzene
Concen: 43.824 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

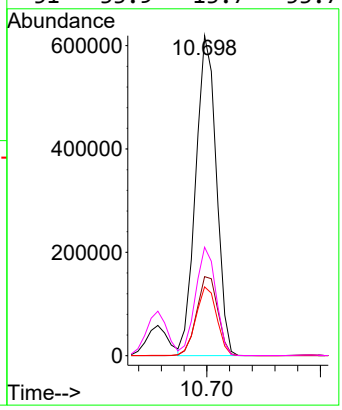
Instrument :
BNA_F
ClientSampleId :
PB168954BS

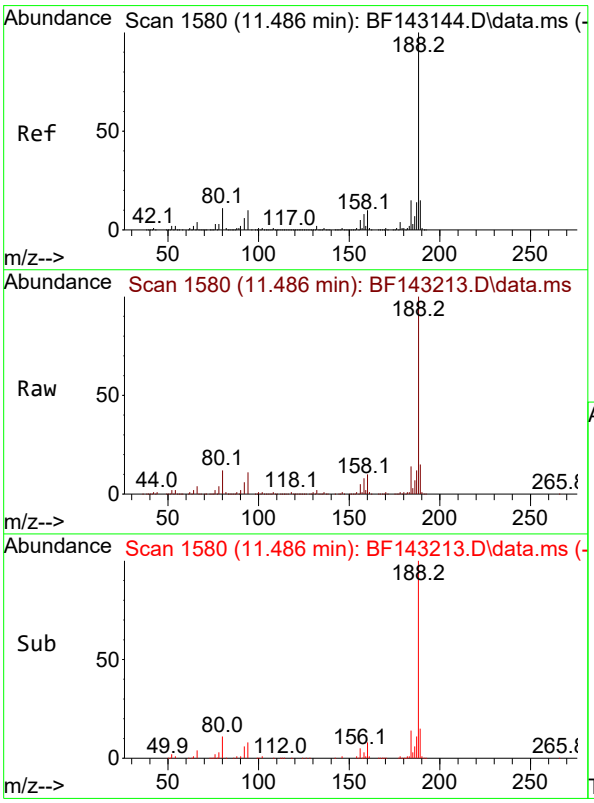
Tgt Ion: 77 Resp: 78036

Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.6	44.6
105	21.5	1.4	41.4
51	33.9	13.7	53.7

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

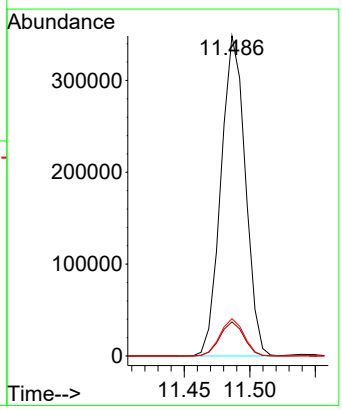


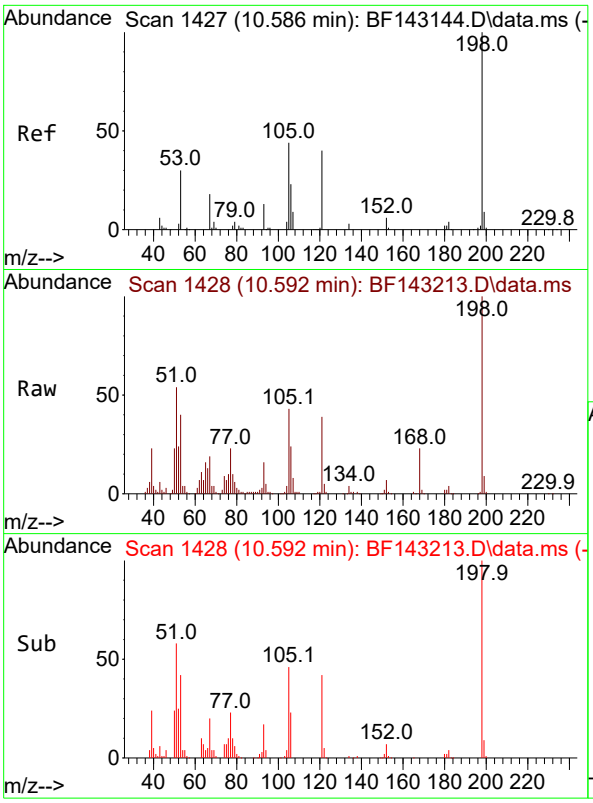


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:188 Resp: 449718

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.6	9.0	13.6

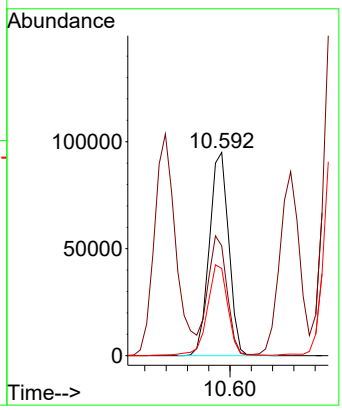




#65
4,6-Dinitro-2-methylphenol
Concen: 50.654 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:198 Resp: 12021

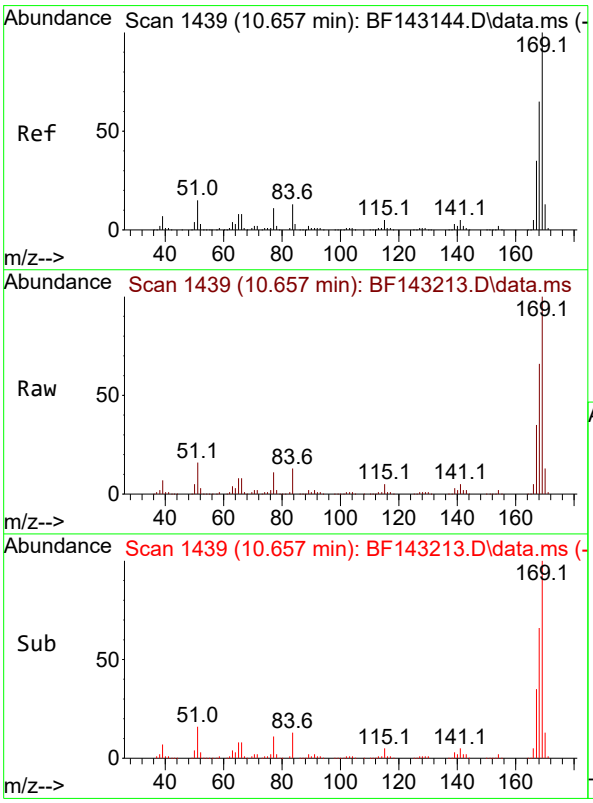
Ion	Ratio	Lower	Upper
198	100		
51	54.0	37.2	77.2
105	42.9	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

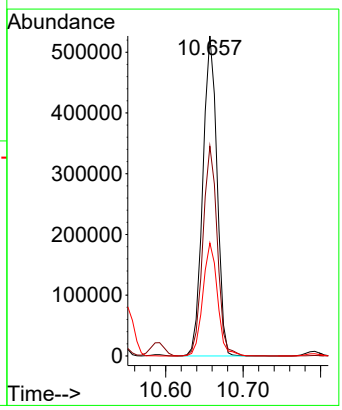
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

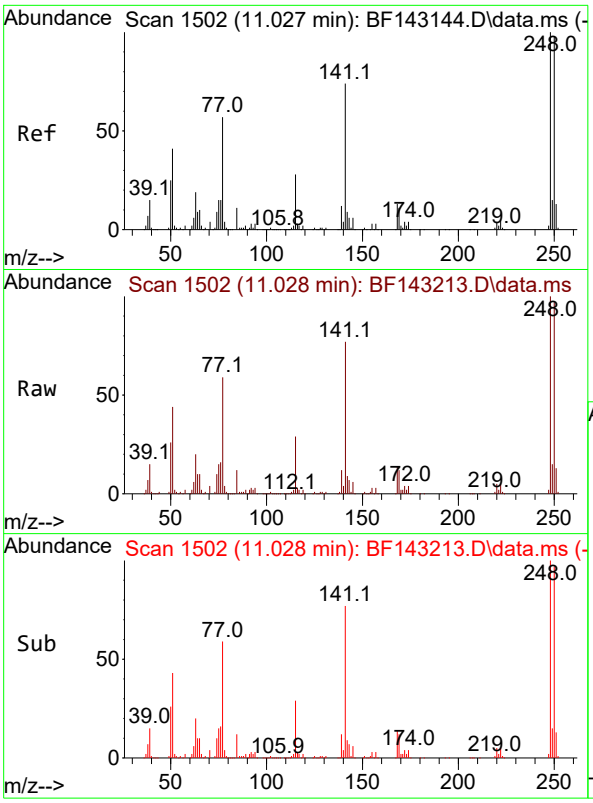


#66
n-Nitrosodiphenylamine
Concen: 42.301 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:169 Resp: 669884

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.3	28.2	42.2

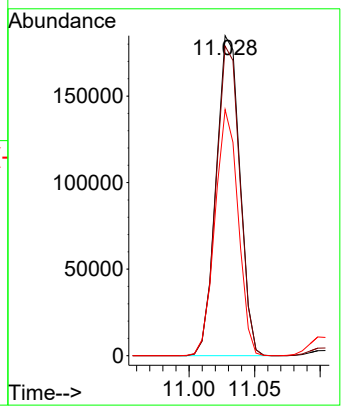




#67
4-Bromophenyl-phenylether
Concen: 43.481 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:248 Resp: 23303

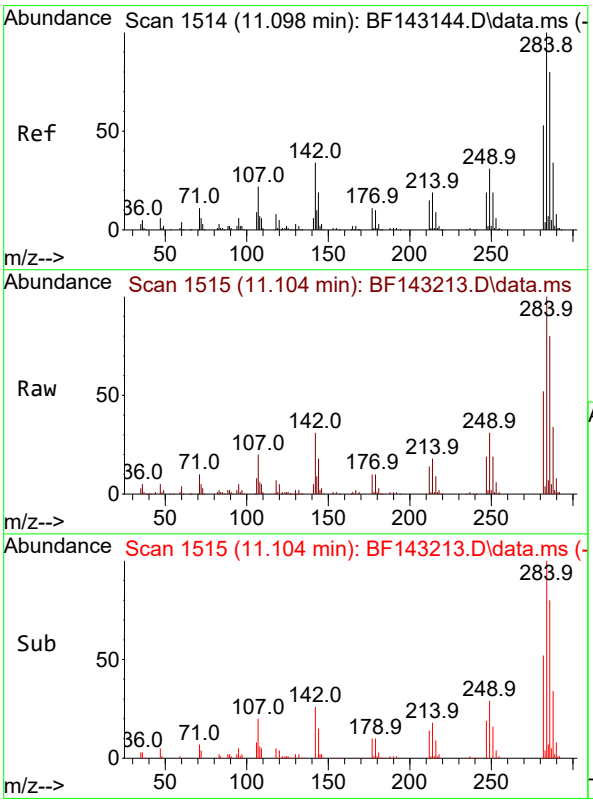
Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	76.9	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

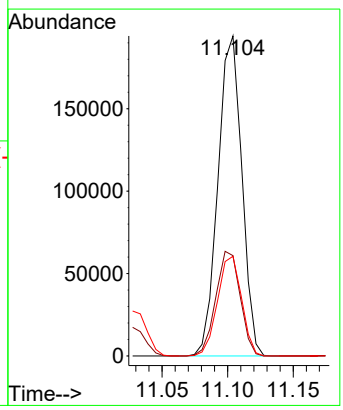
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

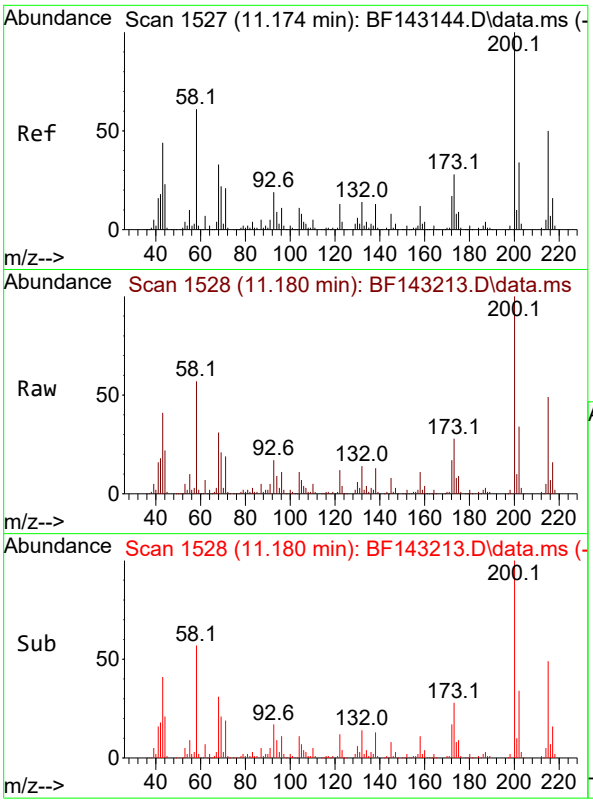


#68
Hexachlorobenzene
Concen: 43.886 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:284 Resp: 245838

Ion	Ratio	Lower	Upper
284	100		
142	31.4	27.0	40.6
249	31.1	25.0	37.6

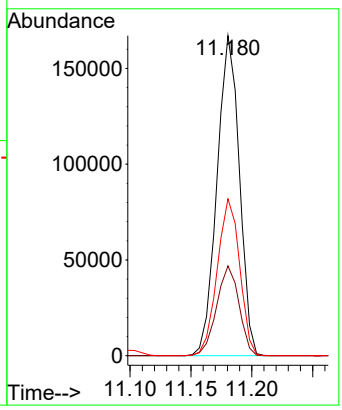




#69
Atrazine
Concen: 48.978 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:200 Resp: 21383

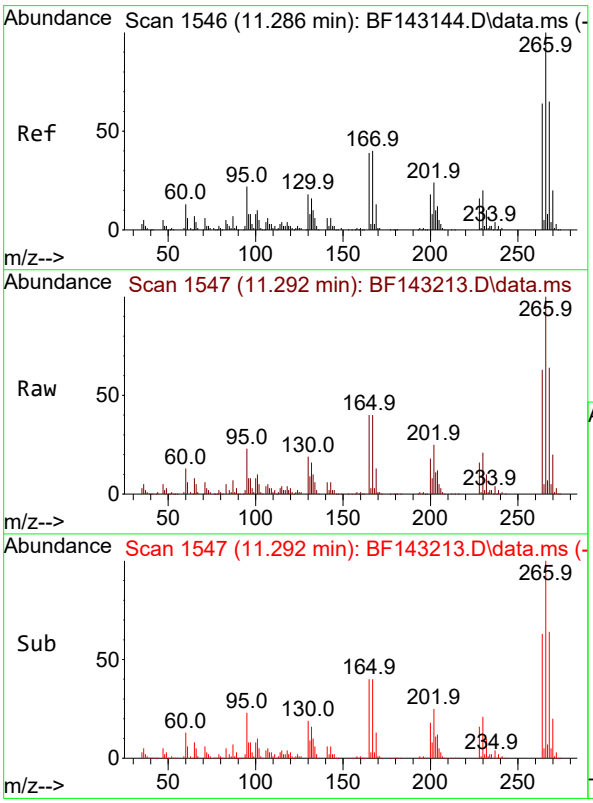
Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.9	47.9
215	49.0	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

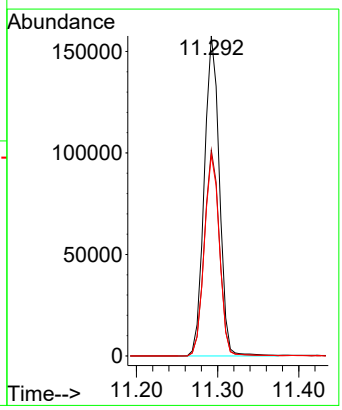
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

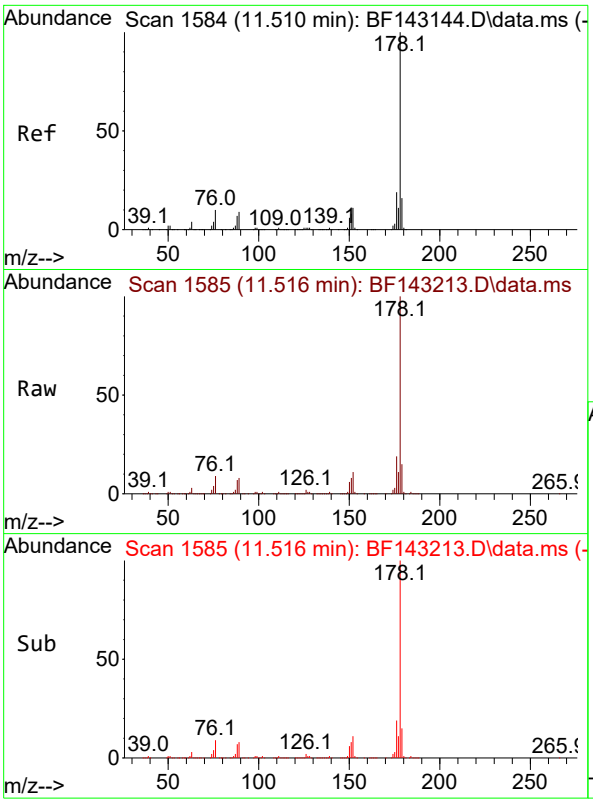


#70
Pentachlorophenol
Concen: 61.771 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:266 Resp: 203492

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.9	77.9
264	62.9	51.0	76.6

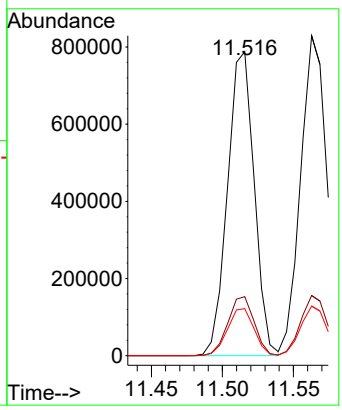




#71
Phenanthrene
Concen: 43.166 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:178 Resp: 103074

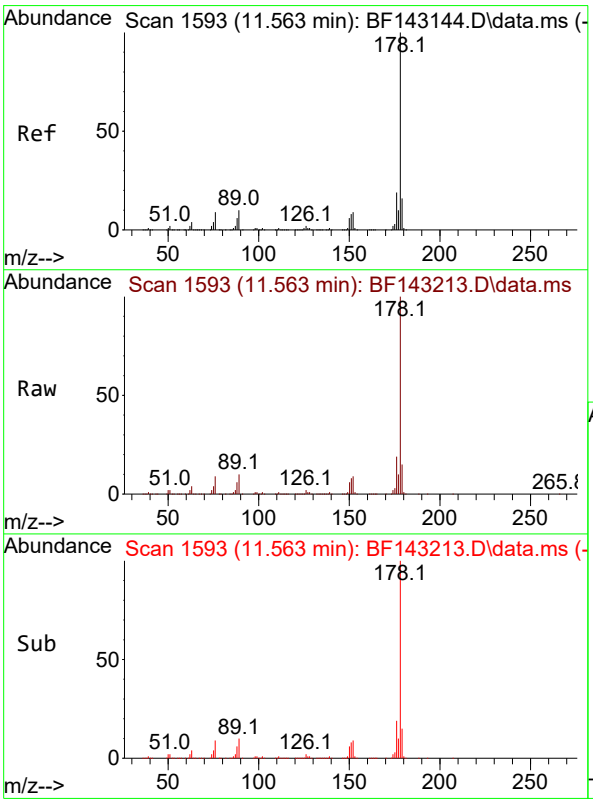
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

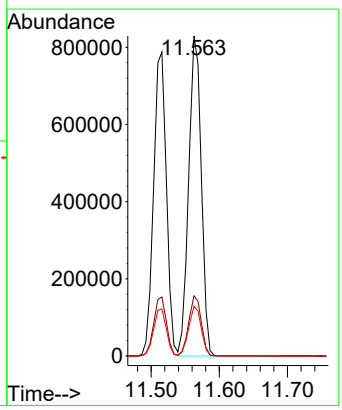
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

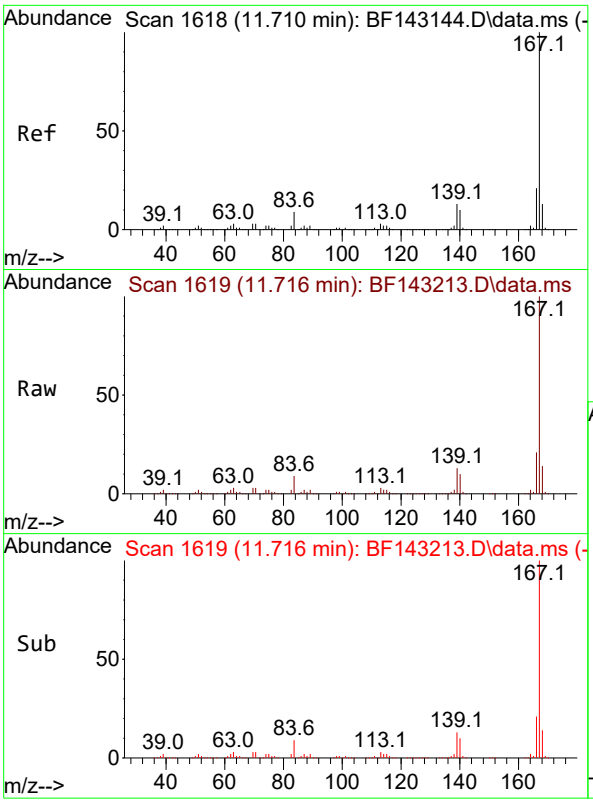


#72
Anthracene
Concen: 43.525 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:178 Resp: 1059988

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.5	18.7

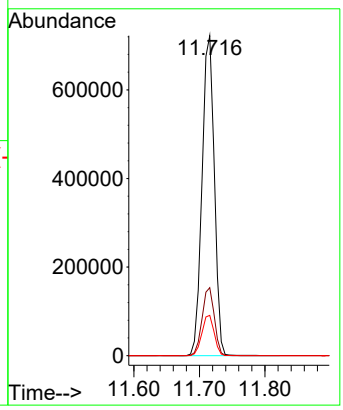




#73
Carbazole
Concen: 44.456 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:167 Resp: 94537

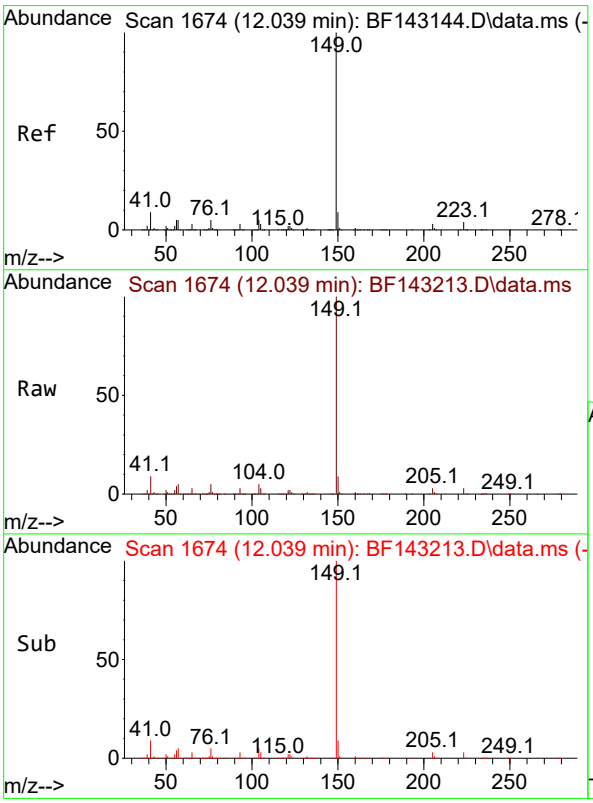
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.6	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

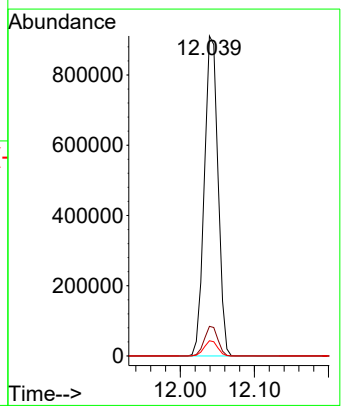
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

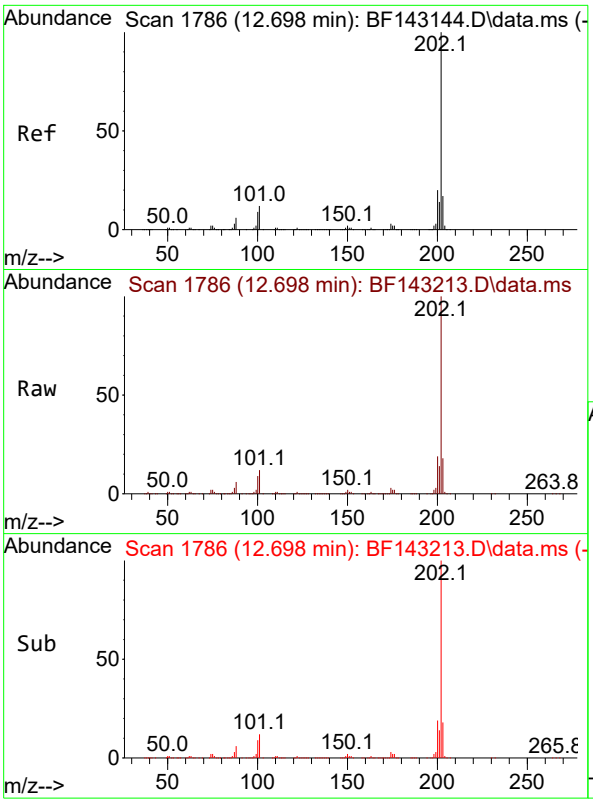


#74
Di-n-butylphthalate
Concen: 48.562 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:149 Resp: 1168492

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.8	5.8

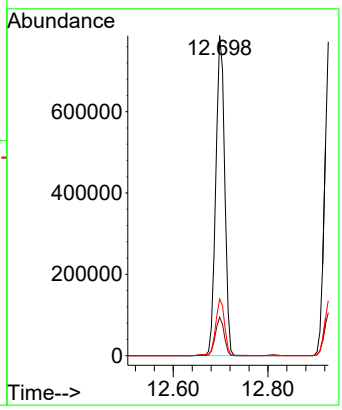




#75
Fluoranthene
Concen: 46.620 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:202 Resp: 102179

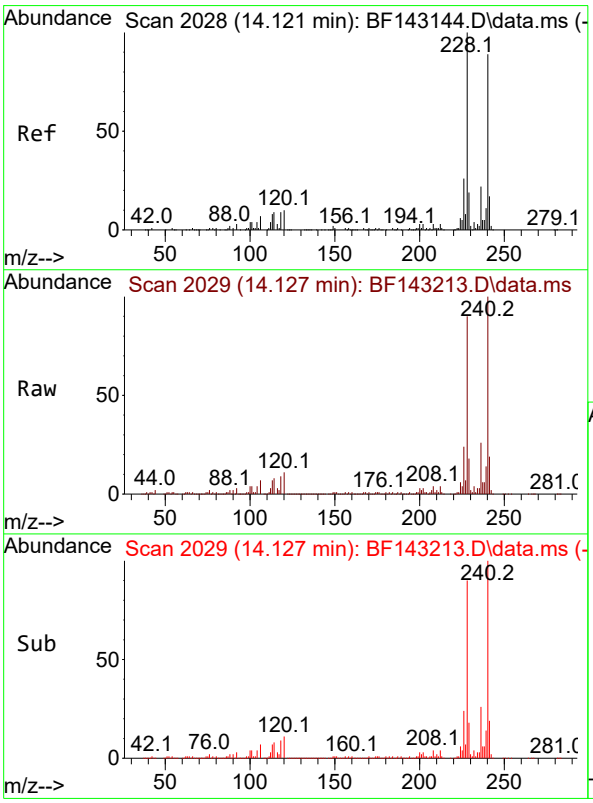
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.7	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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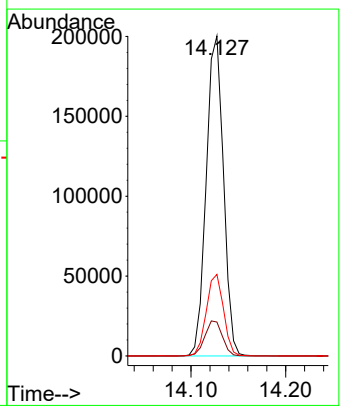
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

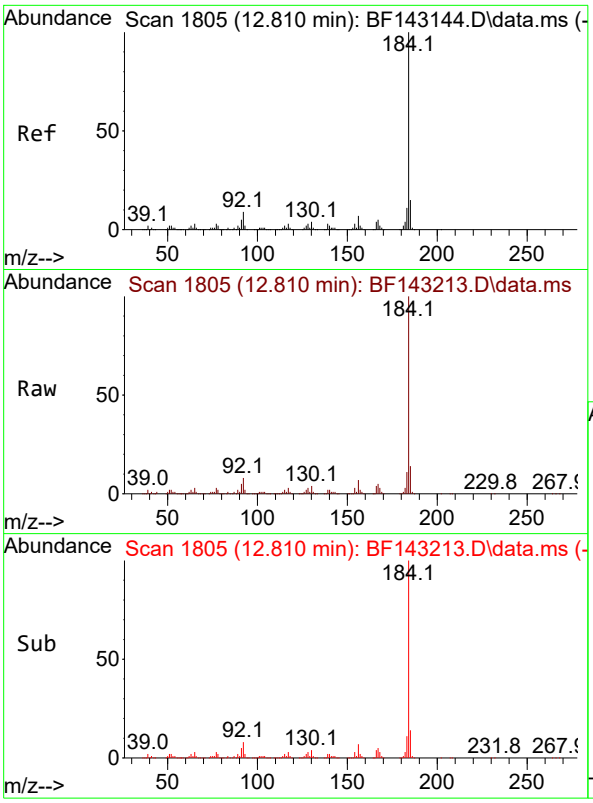


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:240 Resp: 253510

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	25.5	20.2	30.4

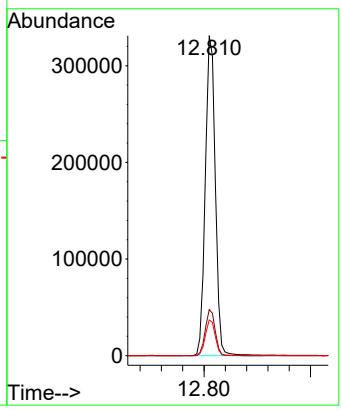




#77
Benzidine
Concen: 44.091 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:184 Resp: 43063

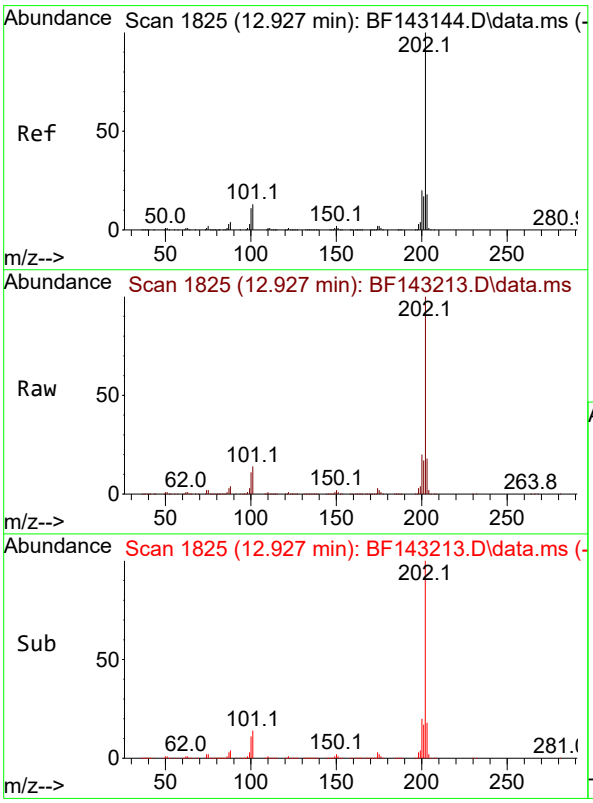
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

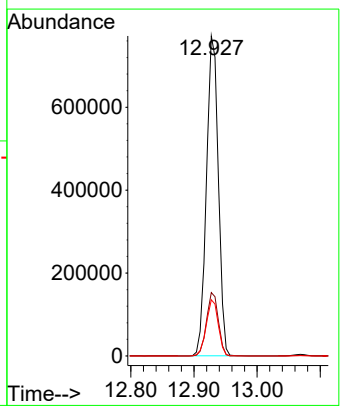
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

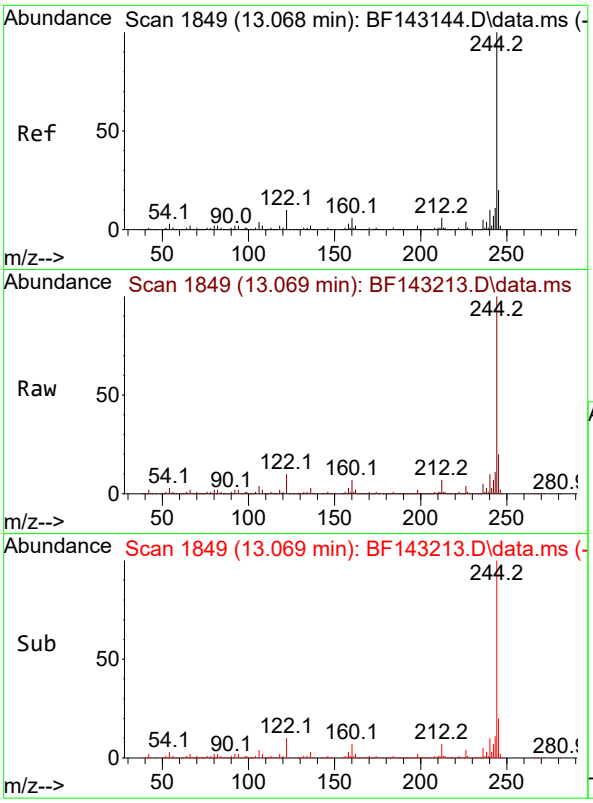


#78
Pyrene
Concen: 46.697 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:202 Resp: 1010330

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2

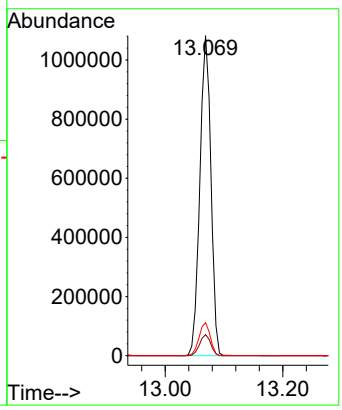




#79
Terphenyl-d14
Concen: 82.611 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:244 Resp: 140733

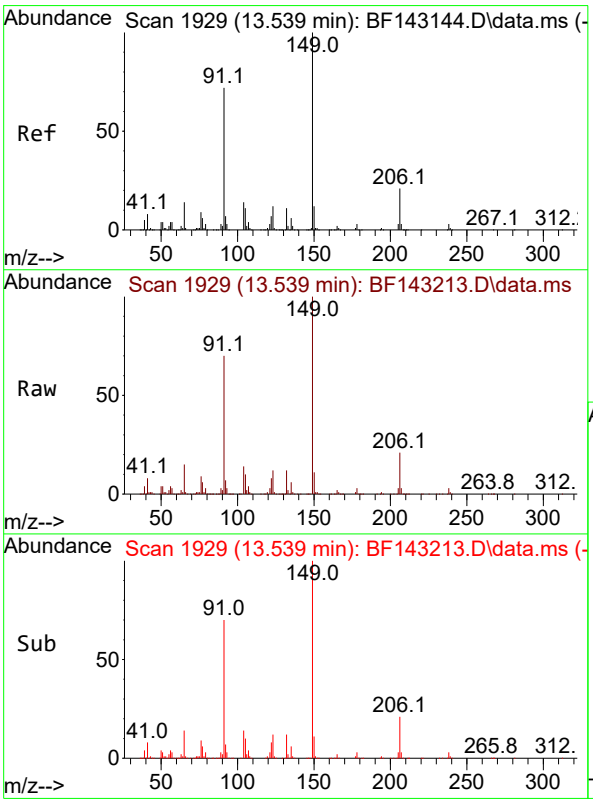
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

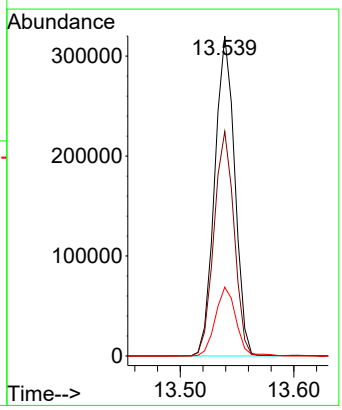
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

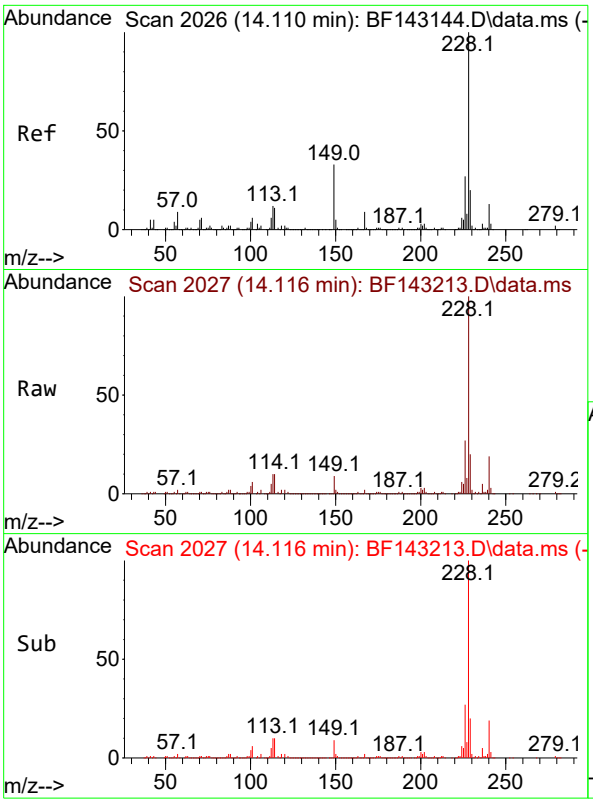


#80
Butylbenzylphthalate
Concen: 59.285 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:149 Resp: 392773

Ion	Ratio	Lower	Upper
149	100		
91	70.2	57.9	86.9
206	21.5	17.0	25.4

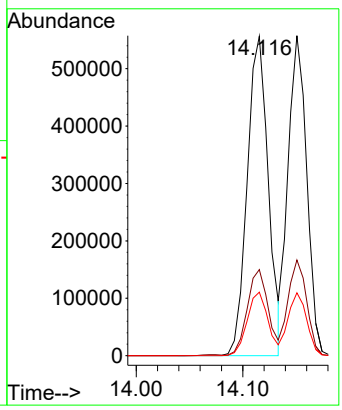




#81
Benzo(a)anthracene
Concen: 45.053 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

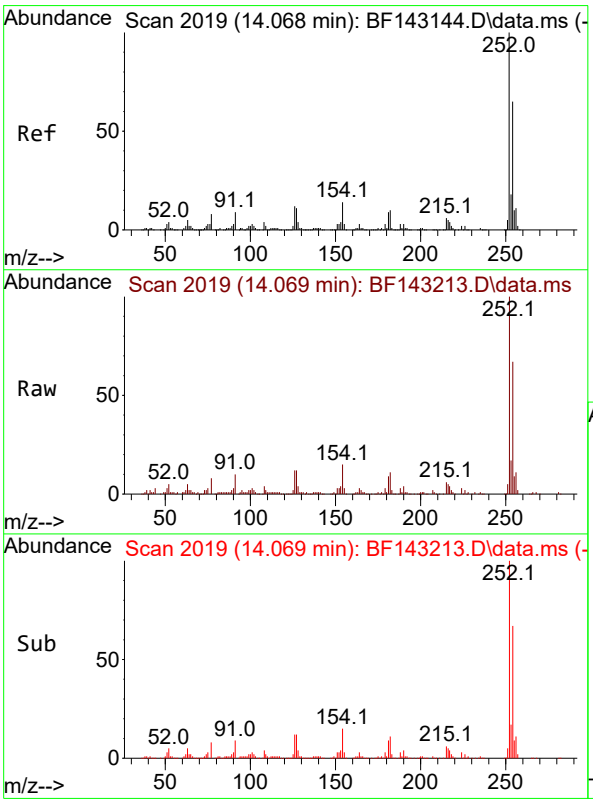
Tgt Ion:228 Resp: 76466

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.9	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
PB168954BS

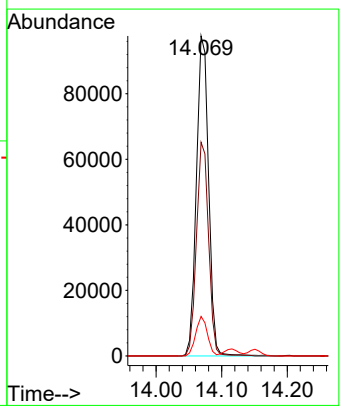
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

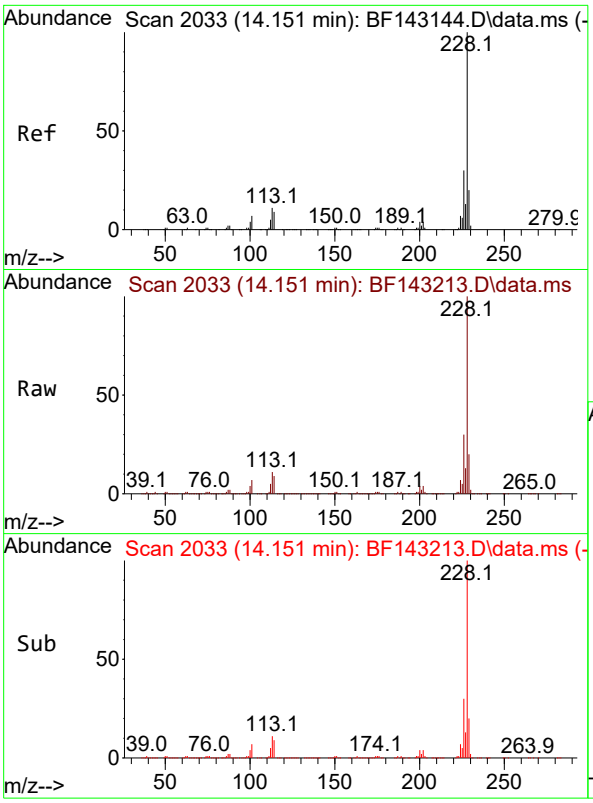


#82
3,3'-Dichlorobenzidine
Concen: 22.368 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:252 Resp: 126532

Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.7	77.5
126	12.4	9.4	14.0

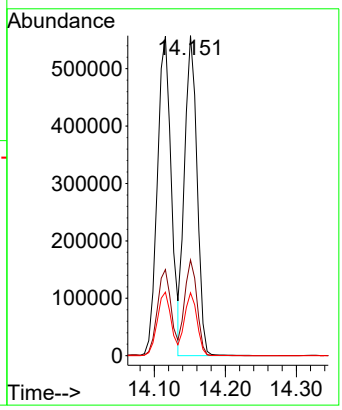




#83
Chrysene
Concen: 44.573 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:228 Resp: 68018

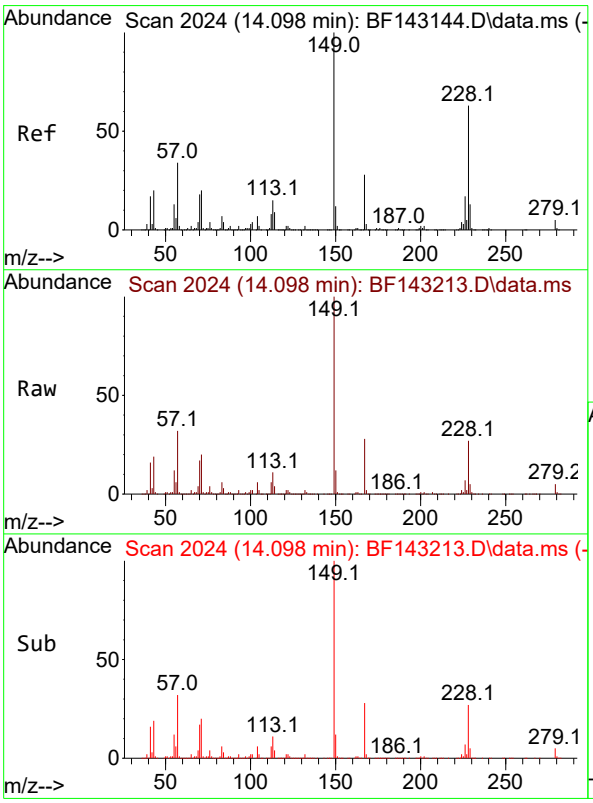
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
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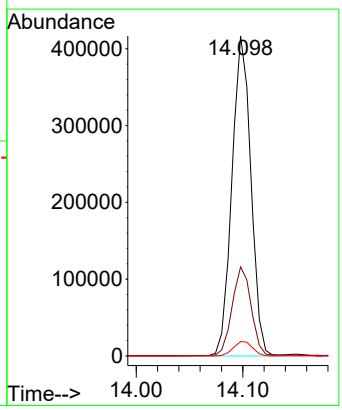
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

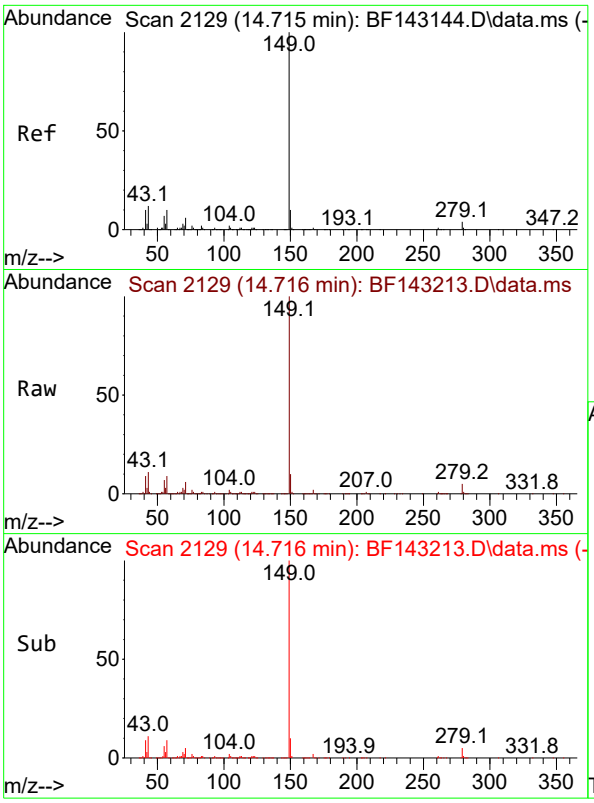


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.382 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:149 Resp: 515251

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4

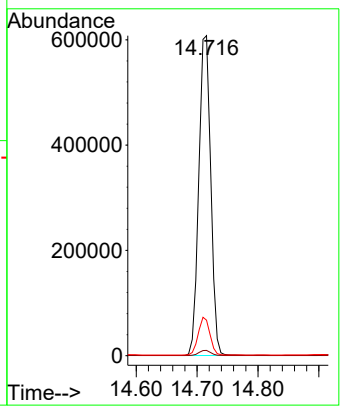




#85
Di-n-octyl phthalate
Concen: 45.393 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:149 Resp: 82508

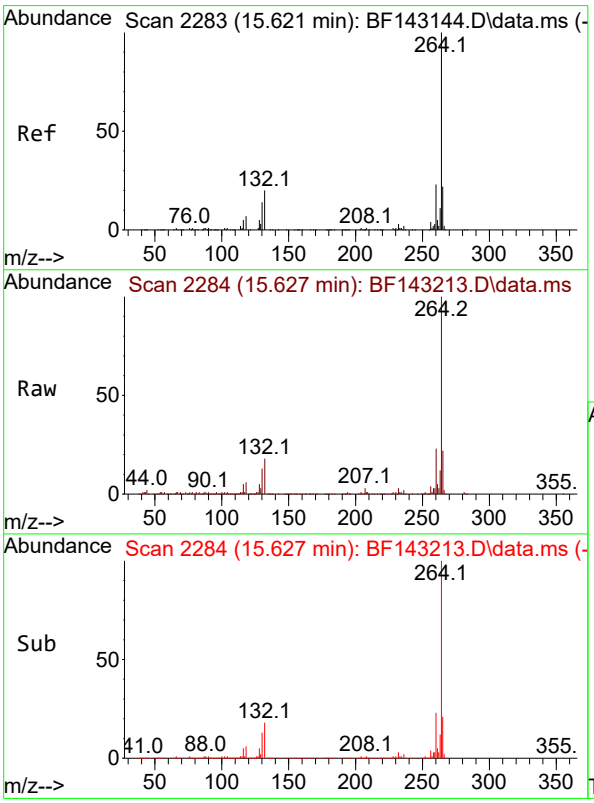
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.5	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

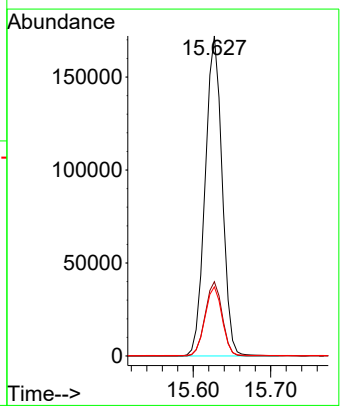
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

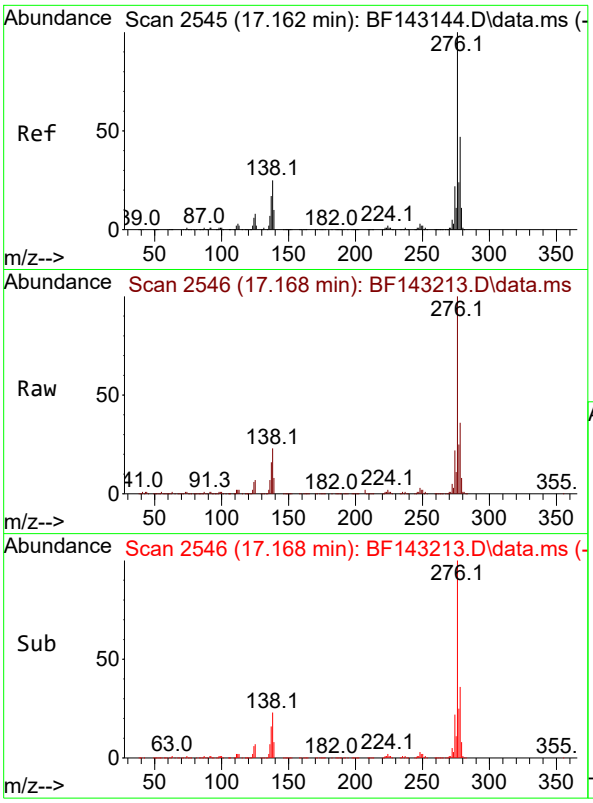


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:264 Resp: 261797

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.4	26.2

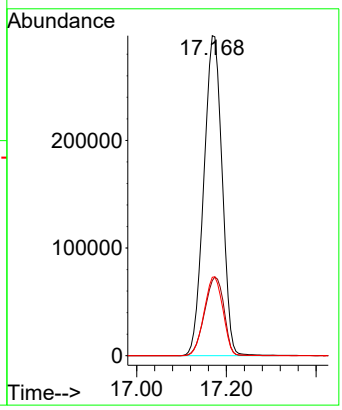




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.525 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:276 Resp: 84040

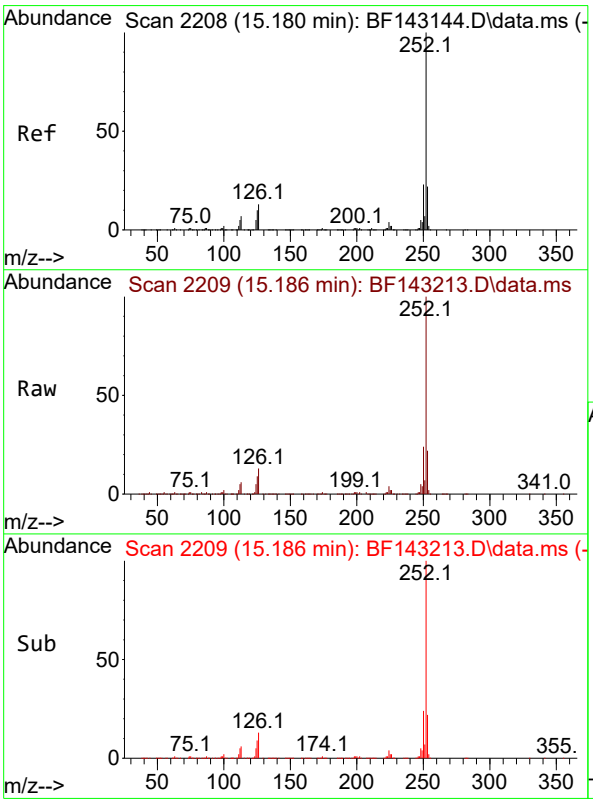
Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations APPROVED

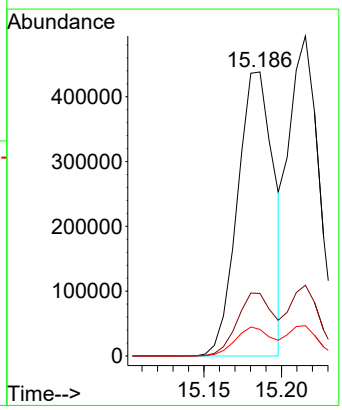
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

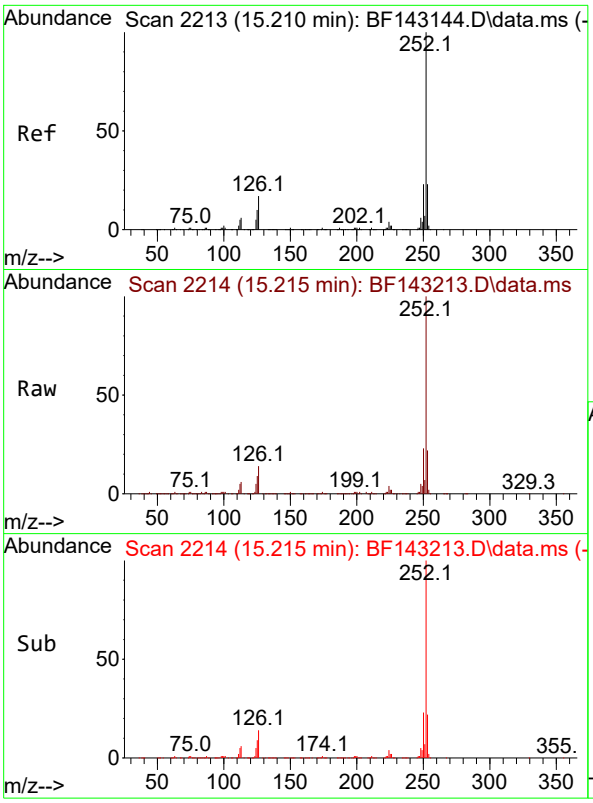


#88
Benzo(b)fluoranthene
Concen: 44.609 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:252 Resp: 713448

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.4	8.0	12.0

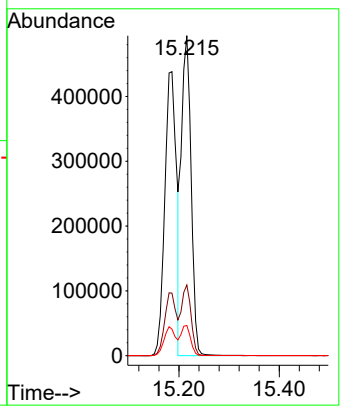




#89
Benzo(k)fluoranthene
Concen: 46.464 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:252 Resp: 66311

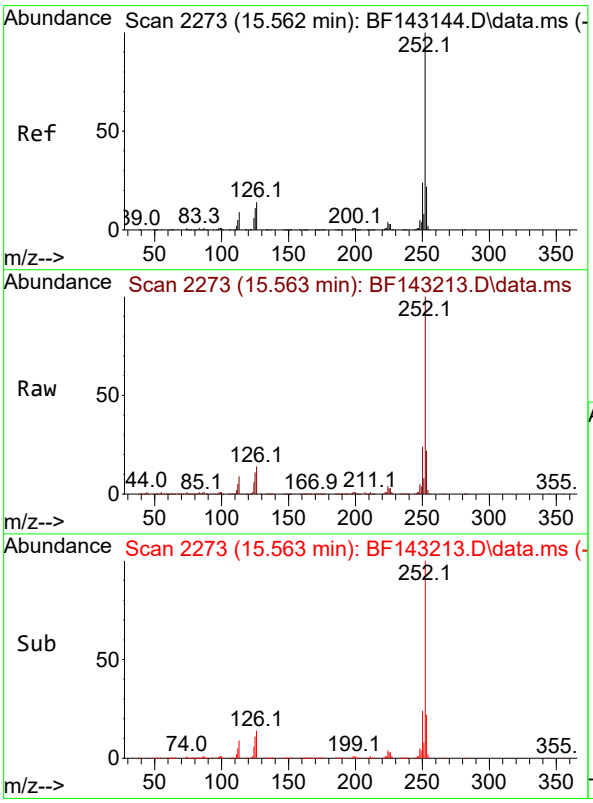
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.4	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

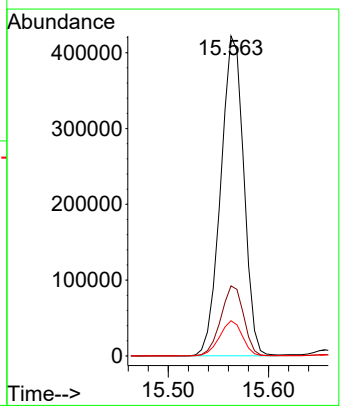
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

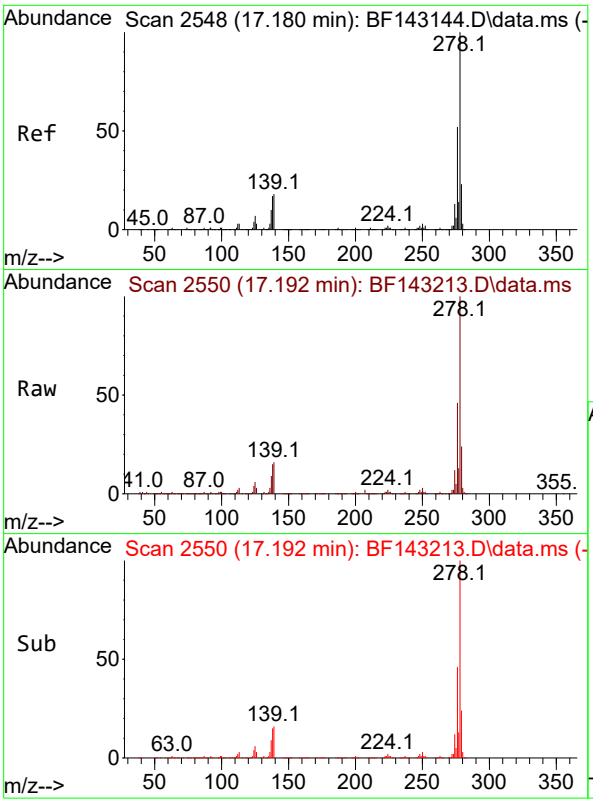


#90
Benzo(a)pyrene
Concen: 45.669 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:252 Resp: 672961

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.0	8.6	13.0

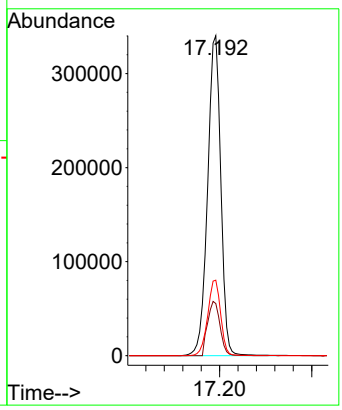




#91
Dibenzo(a,h)anthracene
Concen: 45.191 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:278 Resp: 67901

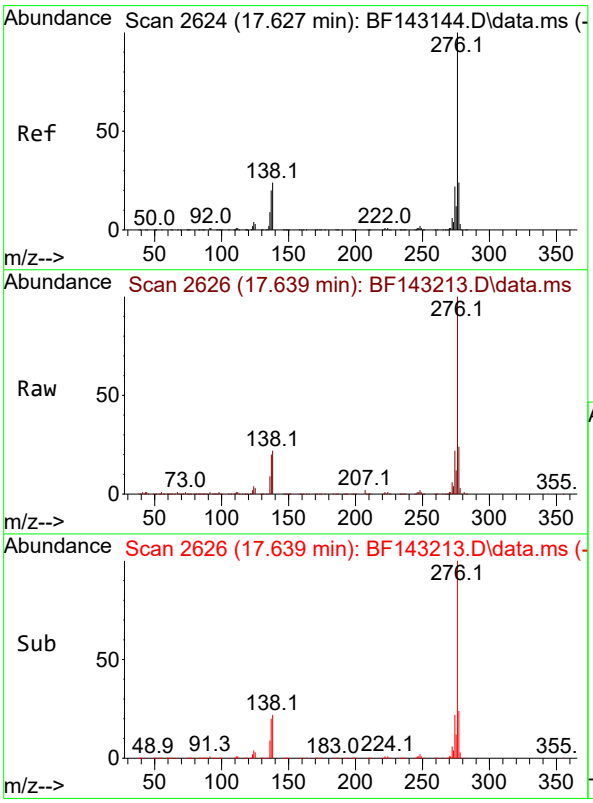
Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.1	21.1
279	23.6	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
PB168954BS

Manual Integrations
APPROVED

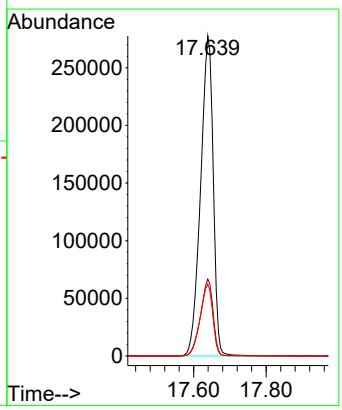
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 46.196 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:276 Resp: 671436

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.5	18.9	28.3



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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	07/18/25
Project:	RFP 905A	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS	SDG No.:	Q2641
Lab Sample ID:	Q2646-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	790		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	350		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	370		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	360		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	390		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	400		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	370		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	910	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.8		23 - 138	55%	SPK: 150
13127-88-3	Phenol-d6	64.3		10 - 134	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.3		67 - 132	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		44 - 137	66%	SPK: 150
1718-51-0	Terphenyl-d14	46.8		42 - 152	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.986			
1146-65-2	Naphthalene-d8	404000	8.263			
15067-26-2	Acenaphthene-d10	174000	10.01			
1517-22-2	Phenanthrene-d10	274000	11.492			
1719-03-5	Chrysene-d12	257000	14.151			
1520-96-3	Perylene-d12	185000	15.651			

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	07/18/25
Project:	RFP 905A			Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS			SDG No.:	Q2641
Lab Sample ID:	Q2646-03MS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

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\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.986	152	106919	20.000	ng		0.02
21) Naphthalene-d8	8.263	136	403875	20.000	ng		0.02
39) Acenaphthene-d10	10.010	164	174208	20.000	ng		0.01
64) Phenanthrene-d10	11.492	188	273501	20.000	ng		0.00
76) Chrysene-d12	14.151	240	256851	20.000	ng		0.03
86) Perylene-d12	15.651	264	185286	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	552475	81.770	ng		0.21
7) Phenol-d6	6.675	99	546469	64.258	ng		0.09
23) Nitrobenzene-d5	7.545	82	553643	68.332	ng		0.02
42) 2,4,6-Tribromophenol	10.798	330	178262	99.053	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	935127	73.412	ng		0.00
79) Terphenyl-d14	13.092	244	806959	46.752	ng		0.02
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.881	88	118206	36.974	ng	#	42
4) n-Nitrosodimethylamine	3.581	42	171005	39.915	ng	#	56
6) Aniline	6.722	93	173337	14.625	ng	#	55
8) 2-Chlorophenol	6.798	128	164249	23.192	ng		91
9) Benzaldehyde	6.557	77	142775	22.389	ng		98
10) Phenol	6.686	94	244774	26.420	ng		96
11) bis(2-Chloroethyl)ether	6.722	93	173337	24.436	ng		95
12) 1,3-Dichlorobenzene	6.928	146	149597m	19.445	ng		
13) 1,4-Dichlorobenzene	7.004	146	276221	35.652	ng		99
14) 1,2-Dichlorobenzene	7.157	146	214736	29.140	ng		98
15) Benzyl Alcohol	7.257	79	593018	91.326	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1724578m	131.059	ng		
17) 2-Methylphenol	7.269	107	469533	78.849	ng	#	60
18) Hexachloroethane	7.492	117	99536	37.110	ng		97
19) n-Nitroso-di-n-propyla...	7.410	70	203526	37.303	ng	#	92
20) 3+4-Methylphenols	7.504	107	378672m	52.413	ng		
22) Acetophenone	7.404	105	375876	39.310	ng	#	96
24) Nitrobenzene	7.569	77	262484	34.748	ng		99
25) Isophorone	7.881	82	524966	36.703	ng		99
26) 2-Nitrophenol	7.881	139	139283	42.485	ng		95
27) 2,4-Dimethylphenol	7.957	122	227380	34.026	ng		100
28) bis(2-Chloroethoxy)met...	8.022	93	320993	37.430	ng		97
29) 2,4-Dichlorophenol	8.157	162	185645	32.941	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	216579	35.572	ng		100
31) Naphthalene	8.286	128	751387	37.776	ng		100
32) Benzoic acid	8.181	122	269197	68.976	ng		97
33) 4-Chloroaniline	8.286	127	98017	12.069	ng	#	37
34) Hexachlorobutadiene	8.398	225	138458	37.227	ng		99
35) Caprolactam	8.786	113	67393m	39.574	ng		
36) 4-Chloro-3-methylphenol	8.816	107	200347	32.708	ng		98
37) 2-Methylnaphthalene	8.975	142	443408	36.634	ng		99
38) 1-Methylnaphthalene	9.075	142	427480	34.298	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	206106	40.979	ng		99
41) Hexachlorocyclopentadiene	9.128	237	176682	53.988	ng		99
43) 2,4,6-Trichlorophenol	9.251	196	126910	36.459	ng		99
44) 2,4,5-Trichlorophenol	9.298	196	134795	38.713	ng	#	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.428	154	563893	41.488	ng		100
47) 2-Chloronaphthalene	9.457	162	400436	39.817	ng		100
48) 2-Nitroaniline	9.545	65	132031	41.864	ng		95
49) Acenaphthylene	9.869	152	634232	37.632	ng		100
50) Dimethylphthalate	9.727	163	450497	39.673	ng		99
51) 2,6-Dinitrotoluene	9.780	165	95799	41.471	ng		98
52) Acenaphthene	10.039	154	398628	40.018	ng		99
53) 3-Nitroaniline	9.963	138	6891	2.550	ng	#	88
54) 2,4-Dinitrophenol	10.051	184	55306	55.089	ng	#	65
55) Dibenzofuran	10.210	168	554525	37.495	ng		99
56) 4-Nitrophenol	10.110	139	162828	80.702	ng		96
57) 2,4-Dinitrotoluene	10.180	165	116431	40.174	ng	#	99
58) Fluorene	10.557	166	428198	38.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	112015m	38.836	ng		
60) Diethylphthalate	10.422	149	506582	45.135	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	209454	37.896	ng		98
62) 4-Nitroaniline	10.563	138	22748	9.823	ng		92
63) Azobenzene	10.704	77	401256	34.302	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	41238	30.931	ng		82
66) n-Nitrosodiphenylamine	10.657	169	336118	34.900	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	123252	37.814	ng		97
68) Hexachlorobenzene	11.104	284	126673	37.183	ng		98
69) Atrazine	11.227	200	90049	33.915	ng		99
70) Pentachlorophenol	11.298	266	182738	91.211	ng		98
71) Phenanthrene	11.516	178	580774	39.993	ng		100
72) Anthracene	11.569	178	584315	39.452	ng		100
73) Carbazole	11.721	167	546164	42.231	ng		99
74) Di-n-butylphthalate	12.051	149	548715	37.497	ng		100
75) Fluoranthene	12.704	202	630057	47.268	ng		99
78) Pyrene	12.939	202	219163	9.998	ng		97
80) Butylbenzylphthalate	13.568	149	295074	43.959	ng		97
81) Benzo(a)anthracene	14.139	228	677602	39.404	ng		99
83) Chrysene	14.174	228	615094	39.784	ng		99
84) Bis(2-ethylhexyl)phtha...	14.121	149	446694	43.966	ng		100
85) Di-n-octyl phthalate	14.727	149	745738	40.493	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	348870	26.702	ng		98
88) Benzo(b)fluoranthene	15.204	252	565057	49.920	ng		99
89) Benzo(k)fluoranthene	15.239	252	492257	48.735	ng		100
90) Benzo(a)pyrene	15.586	252	429835	41.215	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	285570	26.854	ng		99
92) Benzo(g,h,i)perylene	17.645	276	277134	26.941	ng		98

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

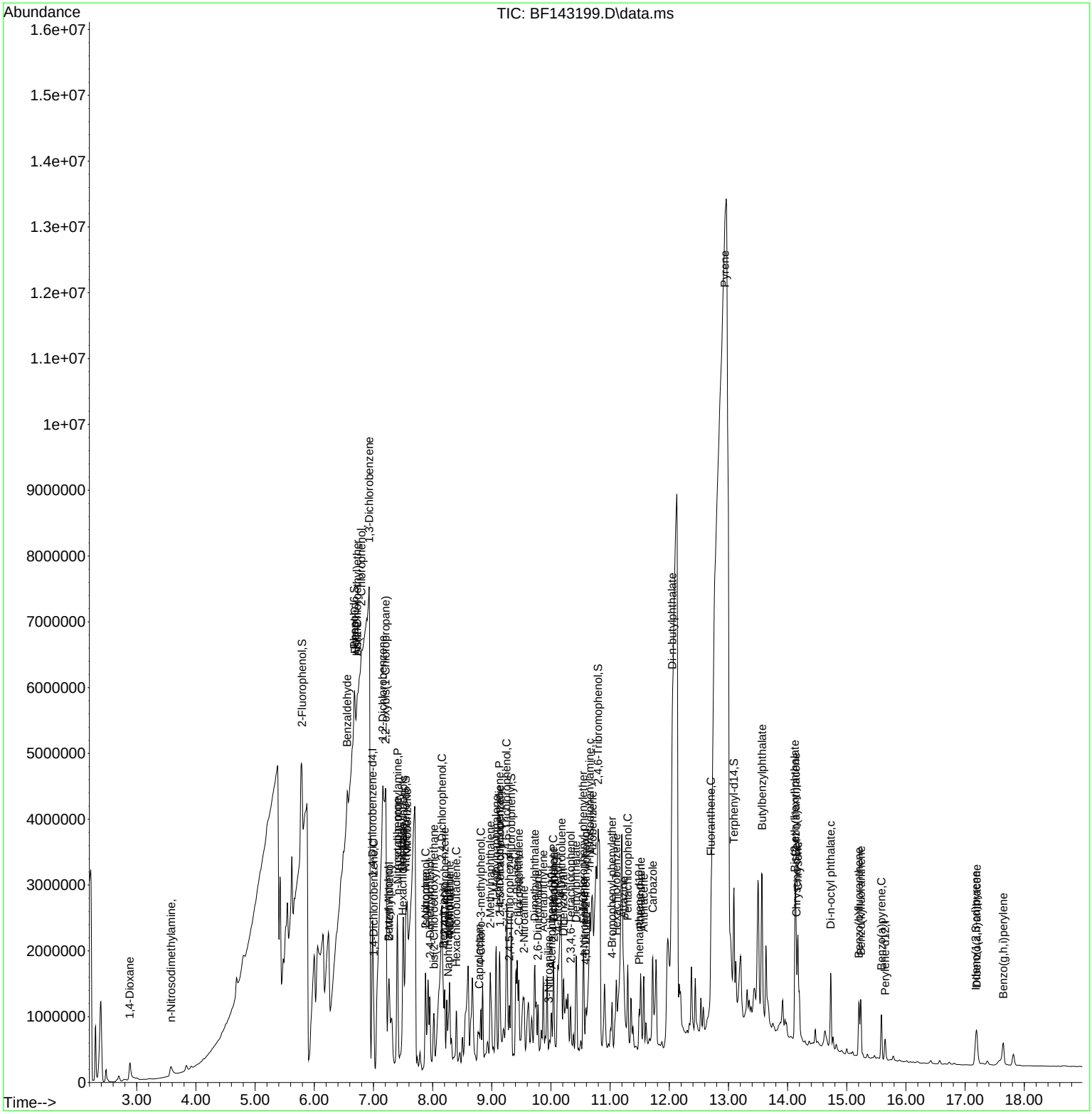
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Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

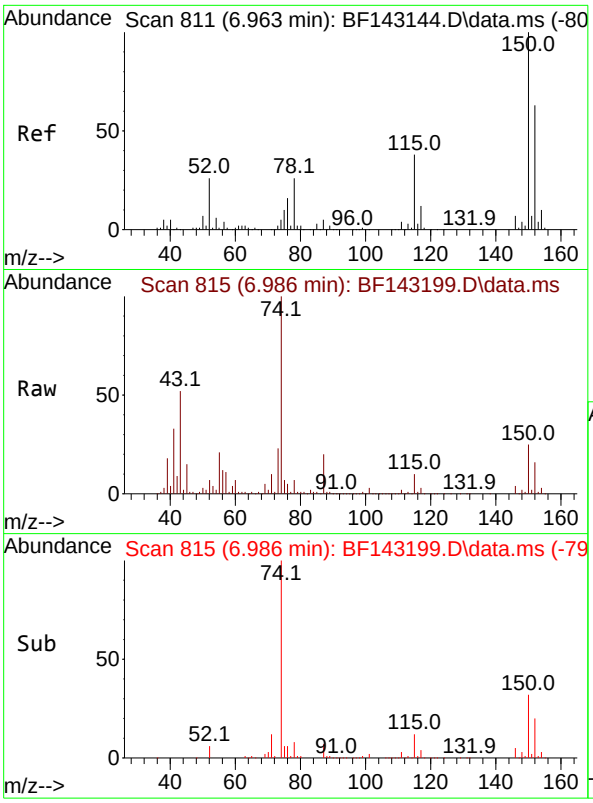
Quant Time: Jul 23 04:52:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
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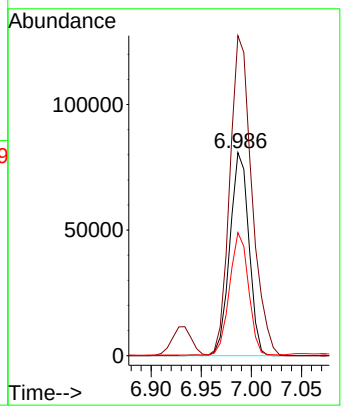




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 8
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:152 Resp: 10691

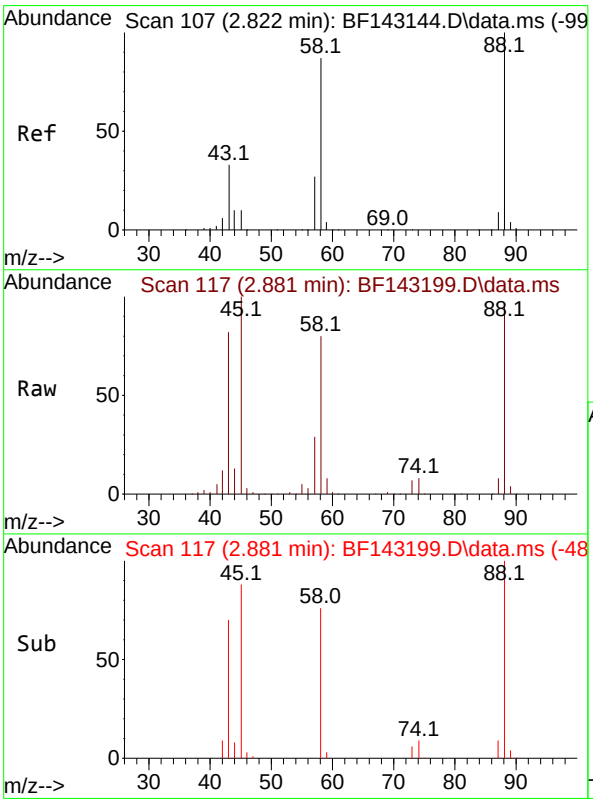
Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.2	192.4
115	60.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

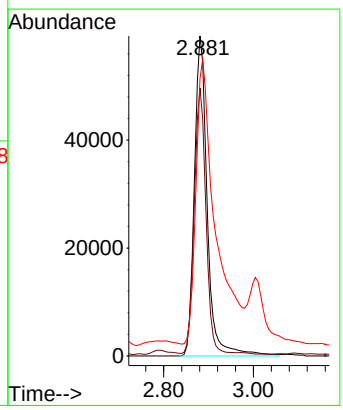
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

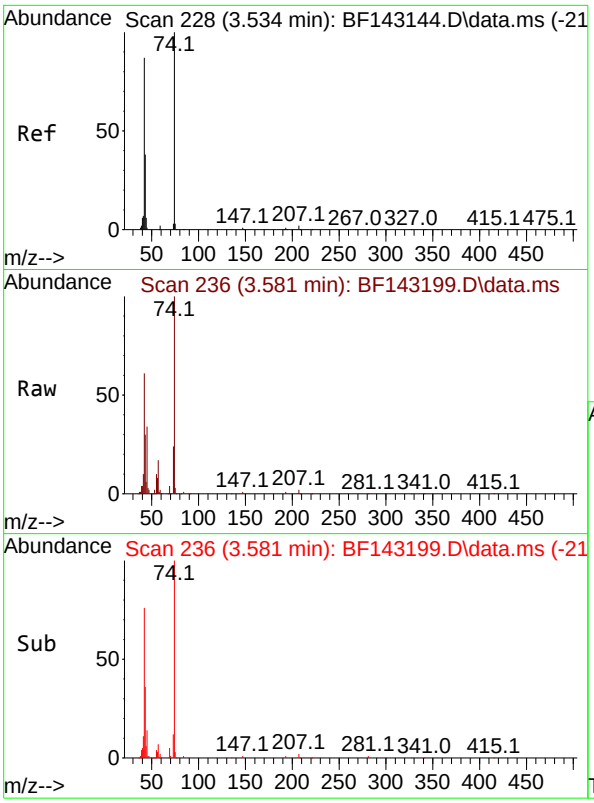


#2
1,4-Dioxane
Concen: 36.974 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.059 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 88 Resp: 118206

Ion	Ratio	Lower	Upper
88	100		
58	77.1	70.2	105.2
43	136.0	27.1	40.7#

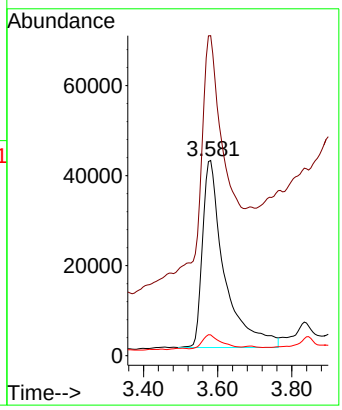




#4
n-Nitrosodimethylamine
Concen: 39.915 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

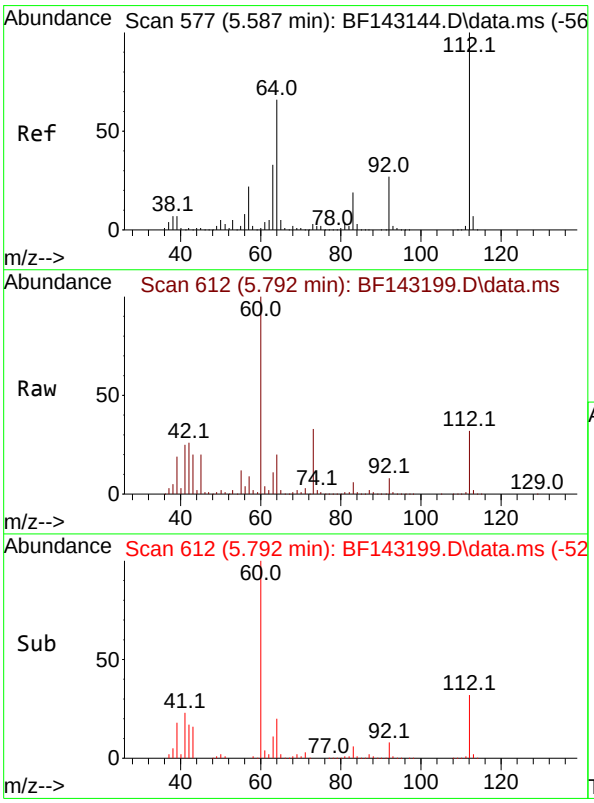
Tgt Ion: 42 Resp: 17100

Ion	Ratio	Lower	Upper
42	100		
74	164.0	91.7	137.5#
44	10.6	5.6	8.4#



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

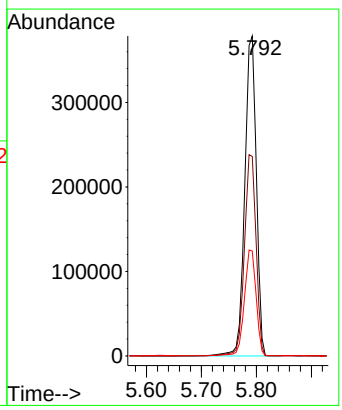
Manual Integrations
APPROVED
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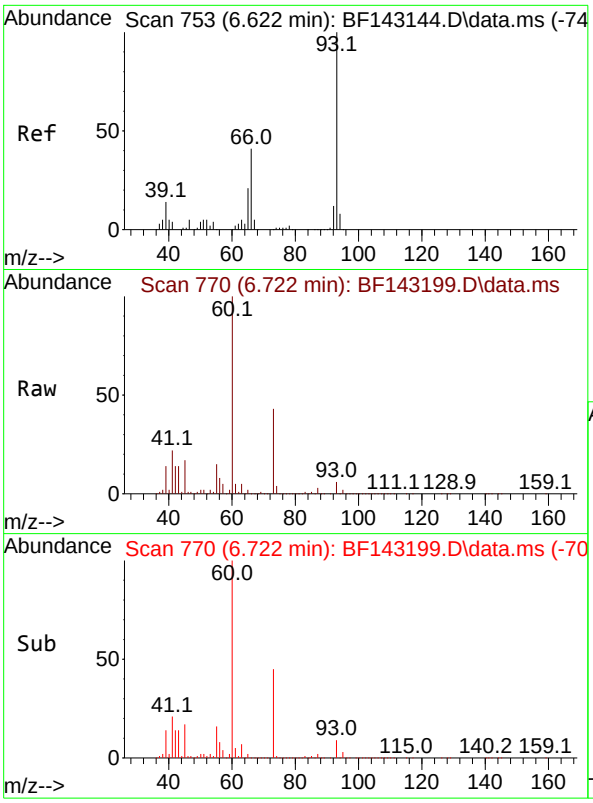


#5
2-Fluorophenol
Concen: 81.770 ng
RT: 5.792 min Scan# 612
Delta R.T. 0.206 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:112 Resp: 552475

Ion	Ratio	Lower	Upper
112	100		
64	62.3	53.1	79.7
63	32.8	26.6	40.0





#6
Aniline
Concen: 14.625 ng
RT: 6.722 min Scan# 7
Delta R.T. 0.100 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

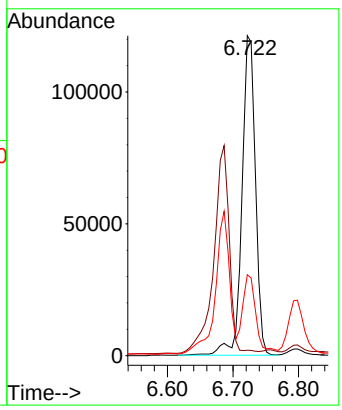
Tgt Ion: 93 Resp: 17333

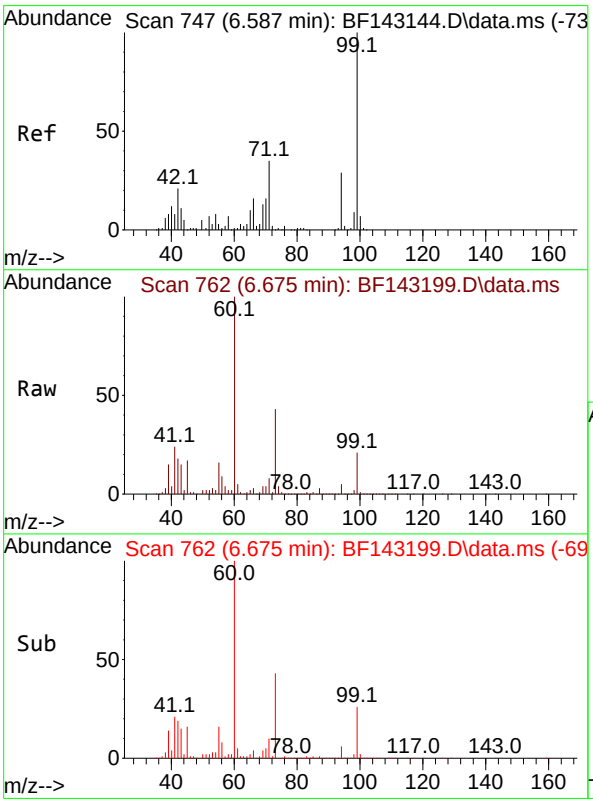
Ion	Ratio	Lower	Upper
93	100		
66	1.7	33.2	49.8#
65	25.3	16.9	25.3

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 07/23/2025

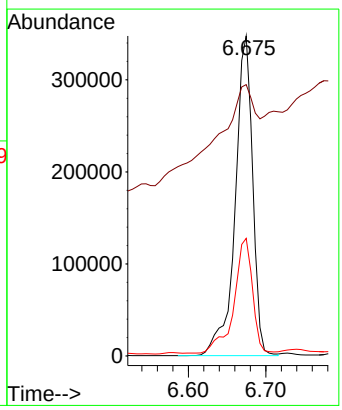


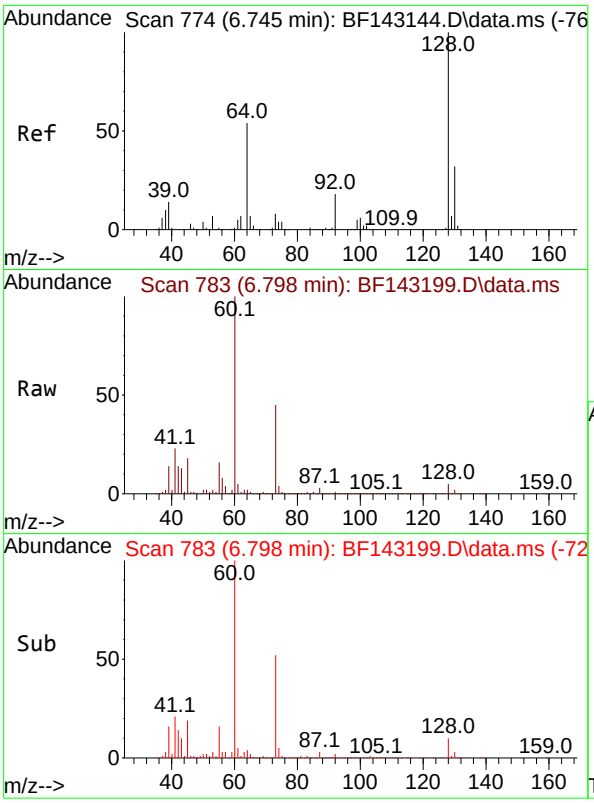


#7
Phenol-d6
Concen: 64.258 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.088 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 99 Resp: 546469

Ion	Ratio	Lower	Upper
99	100		
42	84.8	17.0	25.6#
71	36.8	27.7	41.5

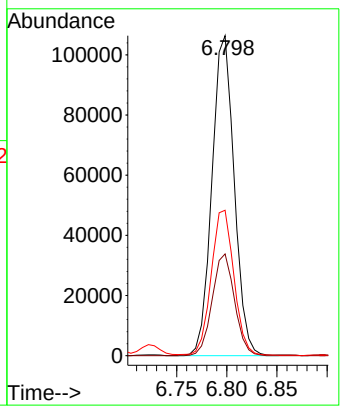




#8
2-Chlorophenol
Concen: 23.192 ng
RT: 6.798 min Scan# 7
Delta R.T. 0.053 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:128 Resp: 16424

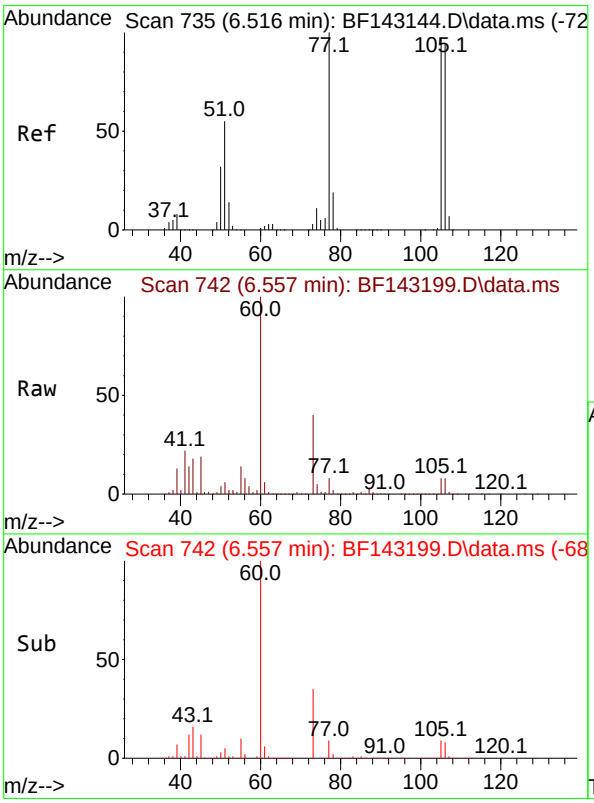
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.3	52.3
64	45.5	35.9	75.9



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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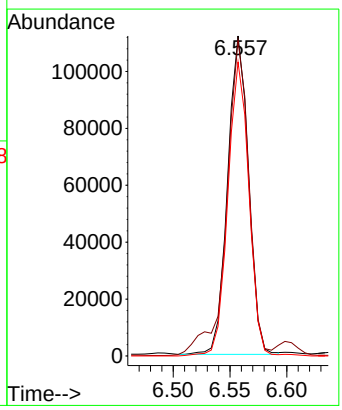
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

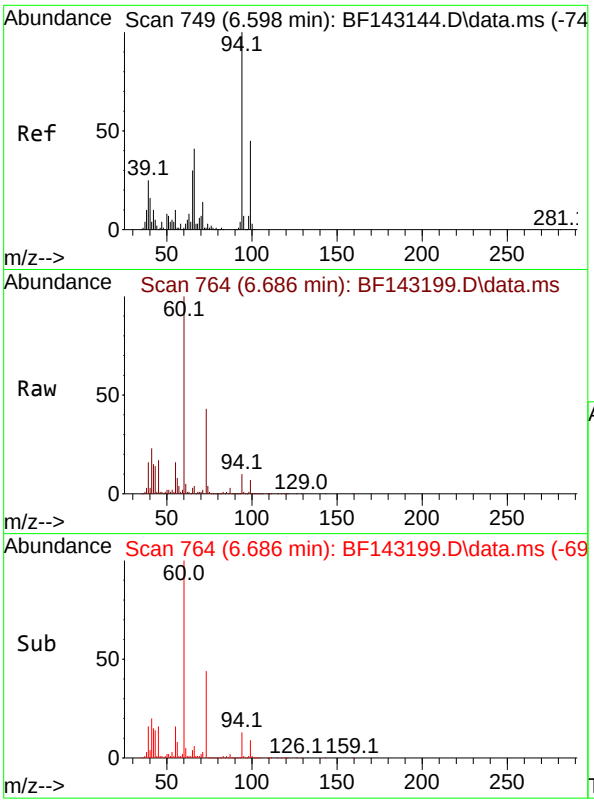


#9
Benzaldehyde
Concen: 22.389 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.041 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 77 Resp: 142775

Ion	Ratio	Lower	Upper
77	100		
105	98.6	76.8	116.8
106	91.8	74.4	114.4

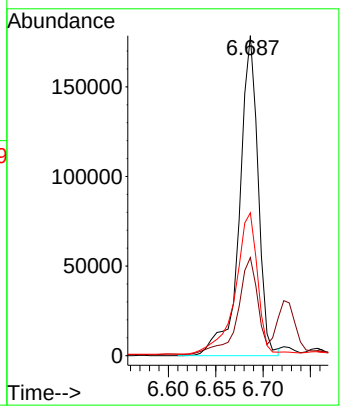




#10
Phenol
Concen: 26.420 ng
RT: 6.686 min Scan# 7
Delta R.T. 0.088 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 94 Resp: 24477

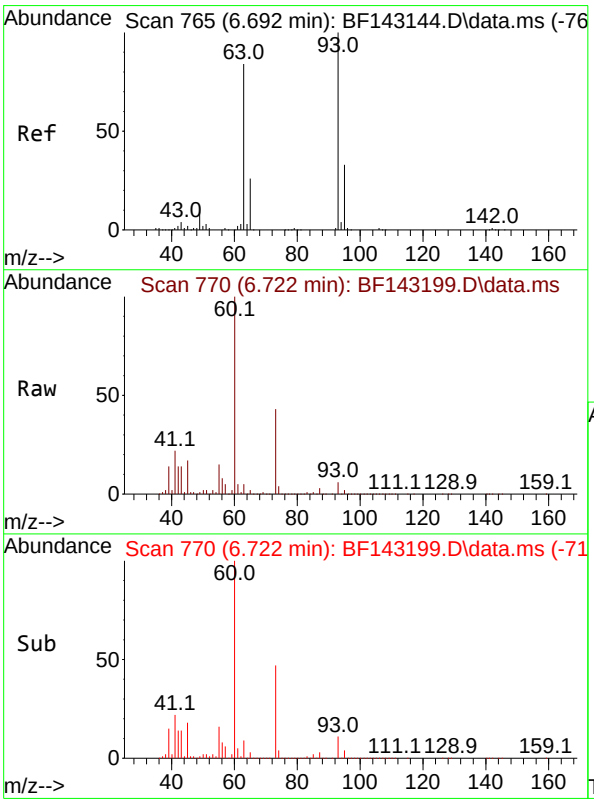
Ion	Ratio	Lower	Upper
94	100		
65	30.7	10.0	50.0
66	44.6	20.8	60.8



Instrument :
BNA_F
ClientSampleId :
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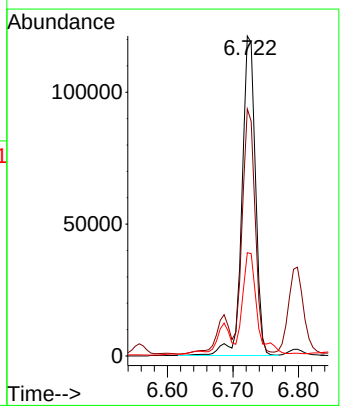
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

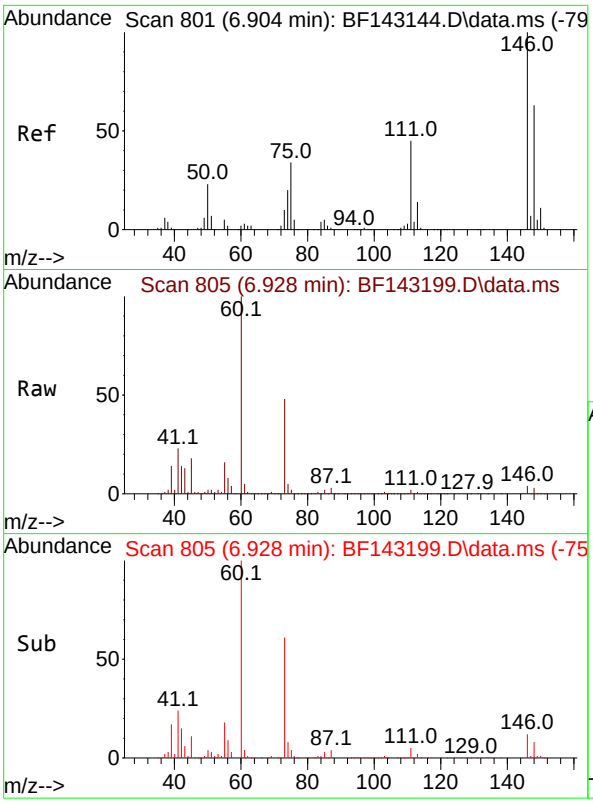


#11
bis(2-Chloroethyl)ether
Concen: 24.436 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 93 Resp: 173337

Ion	Ratio	Lower	Upper
93	100		
63	77.2	63.4	103.4
95	32.2	12.4	52.4





#12
1,3-Dichlorobenzene
Concen: 19.445 ng m
RT: 6.928 min Scan# 8
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

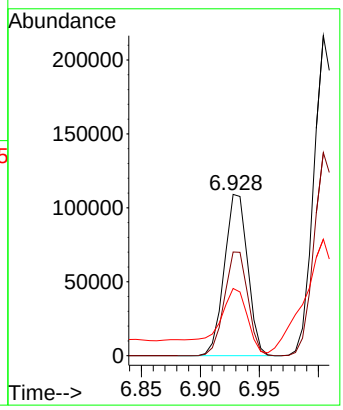
Tgt Ion:146 Resp: 14959

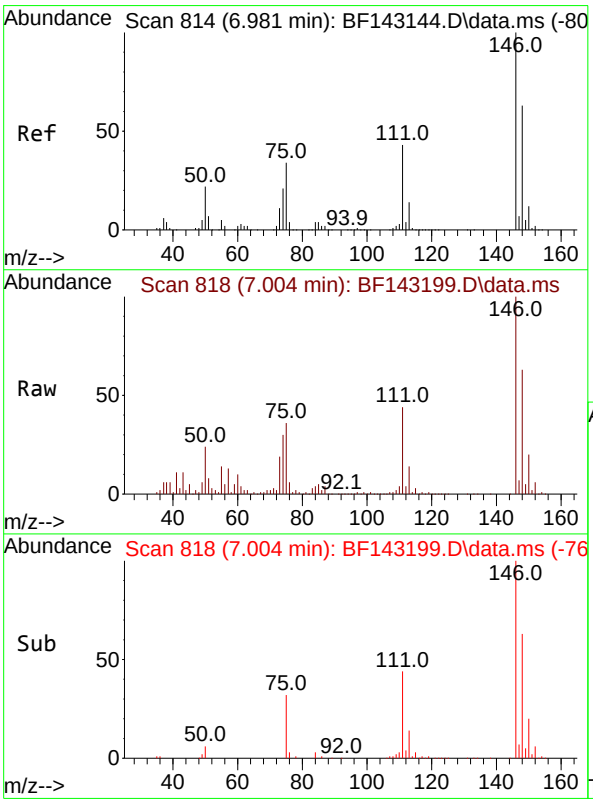
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
75	41.6	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
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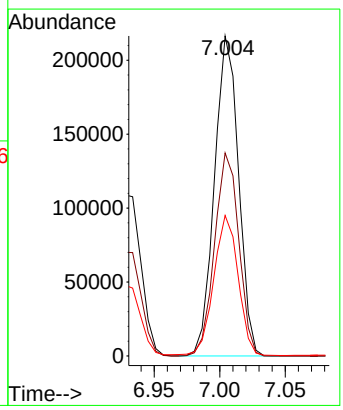


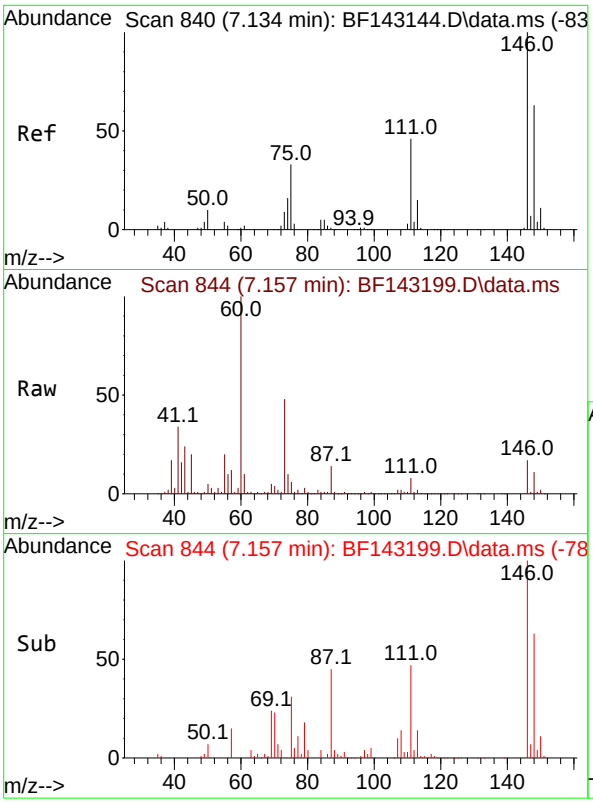


#13
1,4-Dichlorobenzene
Concen: 35.652 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:146 Resp: 276221

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.9	34.4	51.6

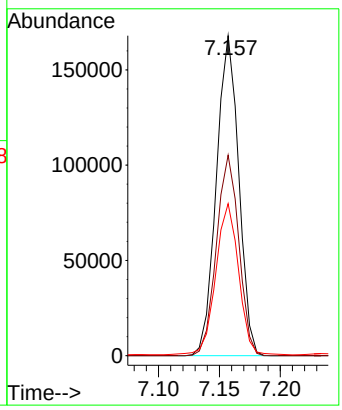




#14
1,2-Dichlorobenzene
Concen: 29.140 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:146 Resp: 21473(

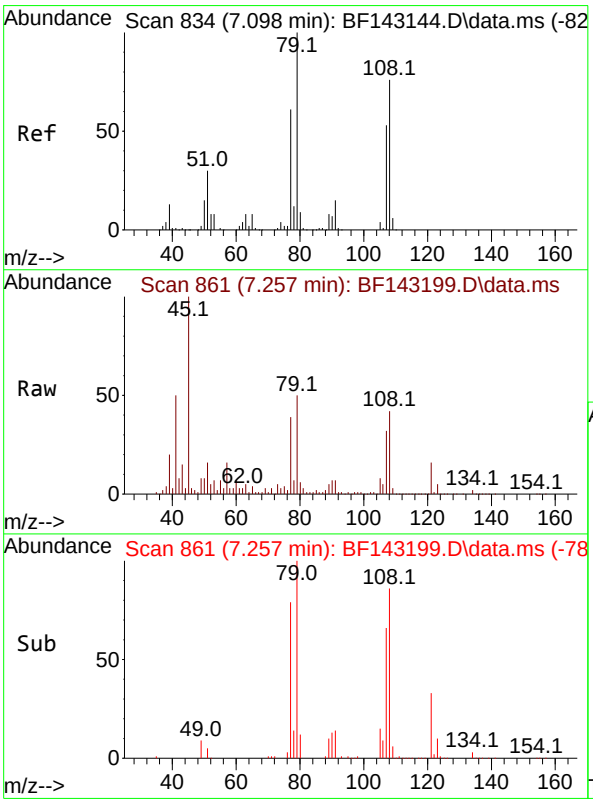
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.7	76.1
111	47.5	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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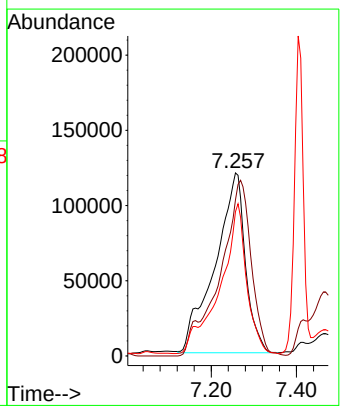
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

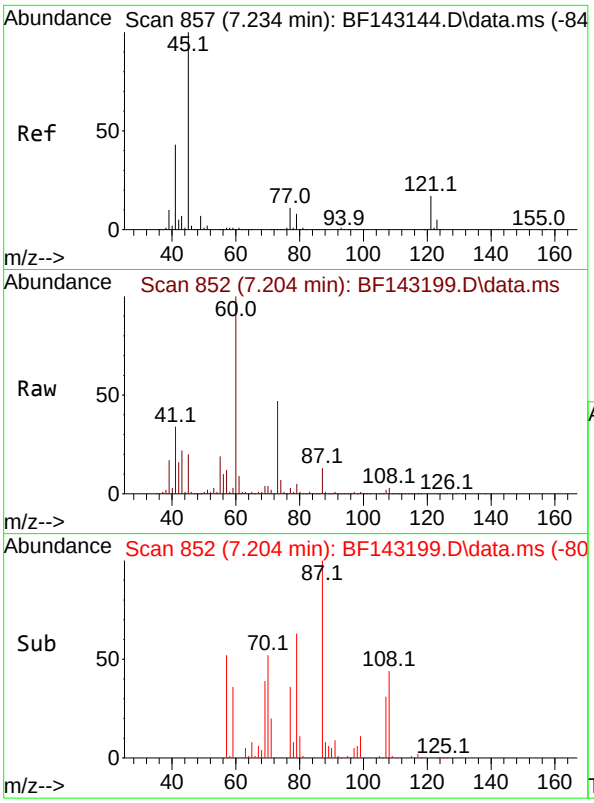


#15
Benzyl Alcohol
Concen: 91.326 ng
RT: 7.257 min Scan# 861
Delta R.T. 0.159 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 79 Resp: 593018

Ion	Ratio	Lower	Upper
79	100		
108	85.3	61.1	91.7
77	78.8	48.9	73.3#





#16
2,2'-oxybis(1-Chloropropane)
Concen: 131.059 ng m
RT: 7.204 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

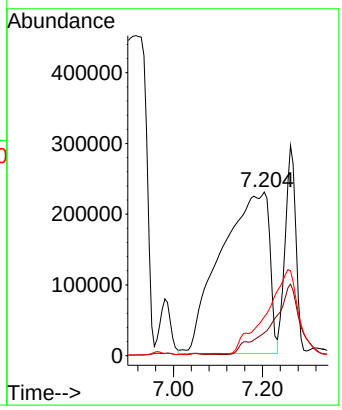
Tgt Ion: 45 Resp: 172457

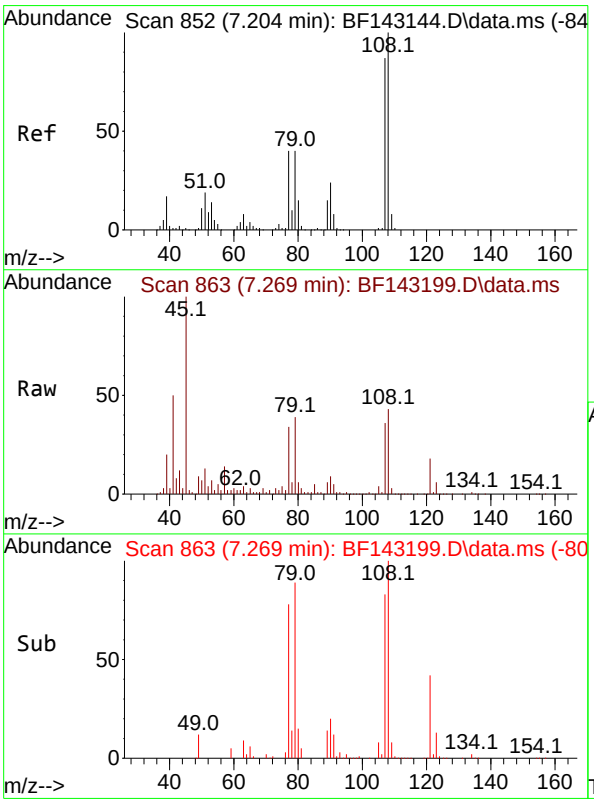
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	31.2
79	23.7	0.0	28.5

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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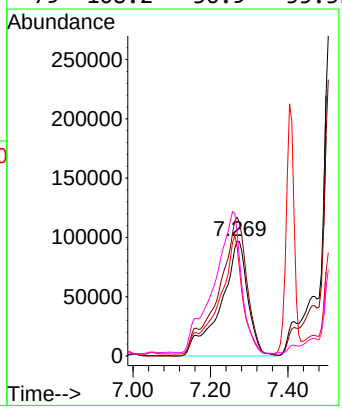


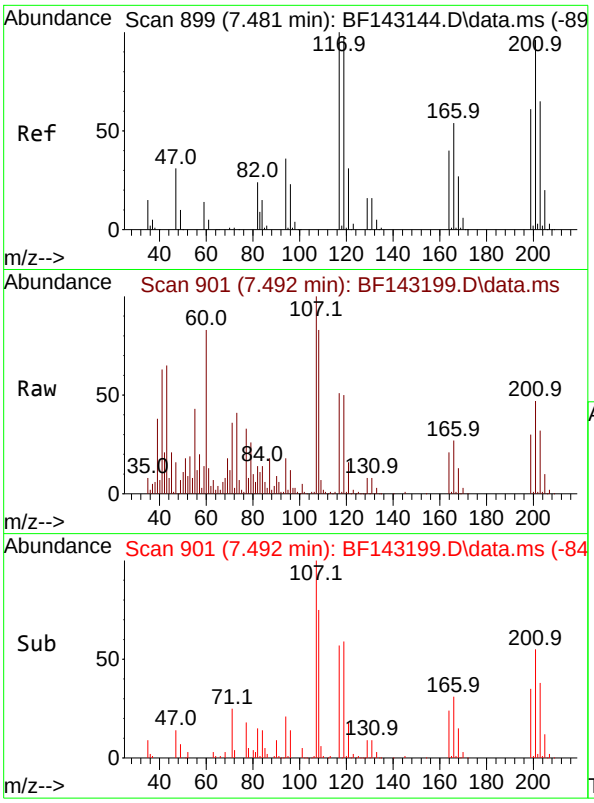


#17
2-Methylphenol
Concen: 78.849 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.065 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:107 Resp: 469533

Ion	Ratio	Lower	Upper
107	100		
108	120.5	91.8	137.6
77	95.1	37.0	55.6#
79	108.2	36.9	55.3#

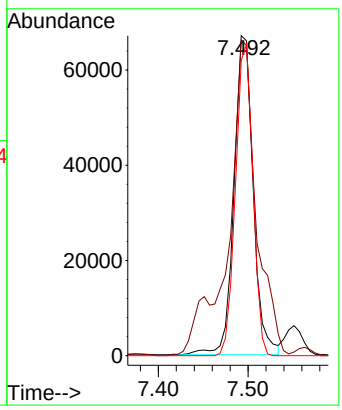




#18
Hexachloroethane
Concen: 37.110 ng
RT: 7.492 min Scan# 9(
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:117 Resp: 9953(

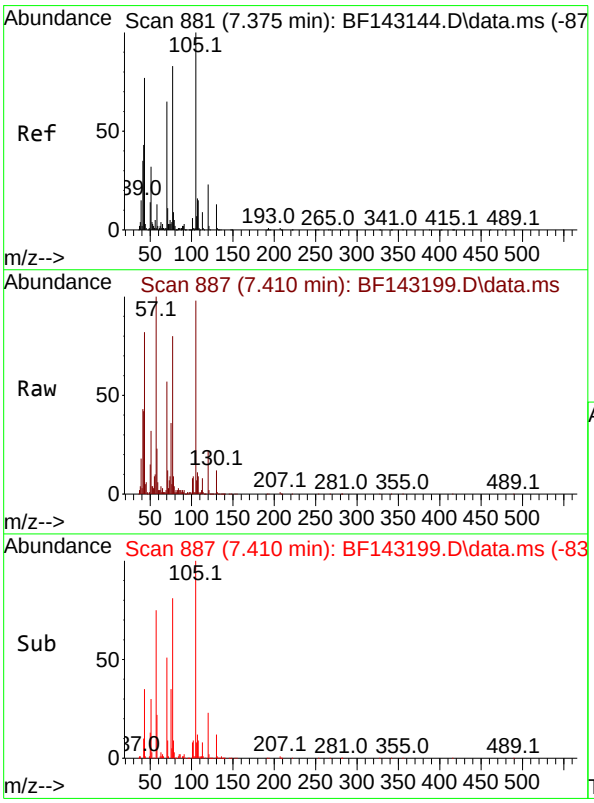
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.8	116.8
201	92.2	77.0	115.4



Instrument :
BNA_F
ClientSampleId :
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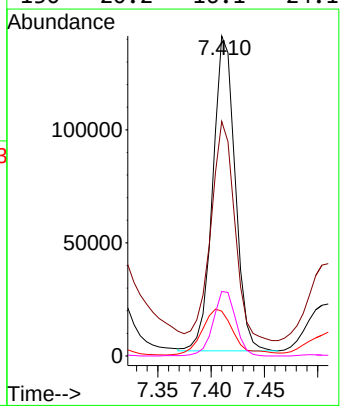
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

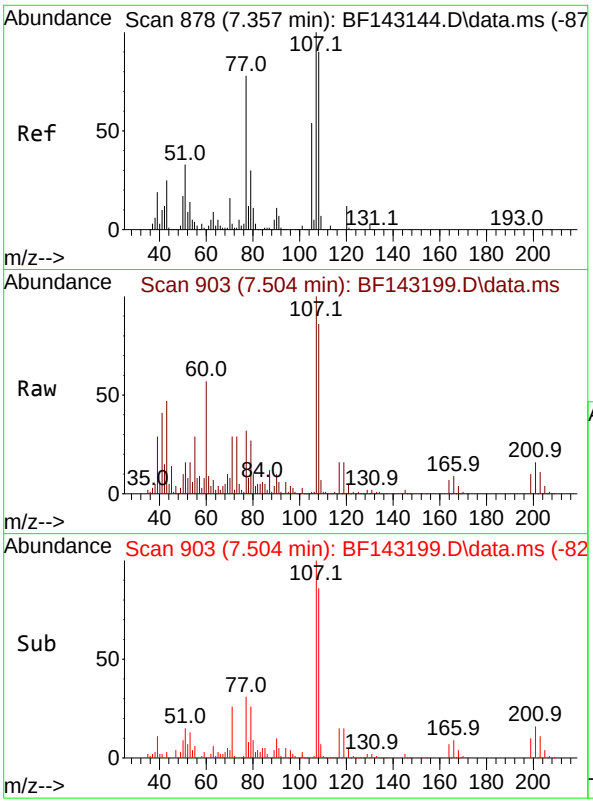


#19
n-Nitroso-di-n-propylamine
Concen: 37.303 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 70 Resp: 203526

Ion	Ratio	Lower	Upper
70	100		
42	73.3	52.5	78.7
101	14.0	7.6	11.4#
130	20.2	16.1	24.1

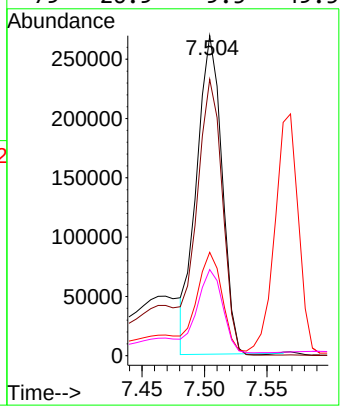




#20
3+4-Methylphenols
Concen: 52.413 ng m
RT: 7.504 min Scan# 9
Delta R.T. 0.147 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

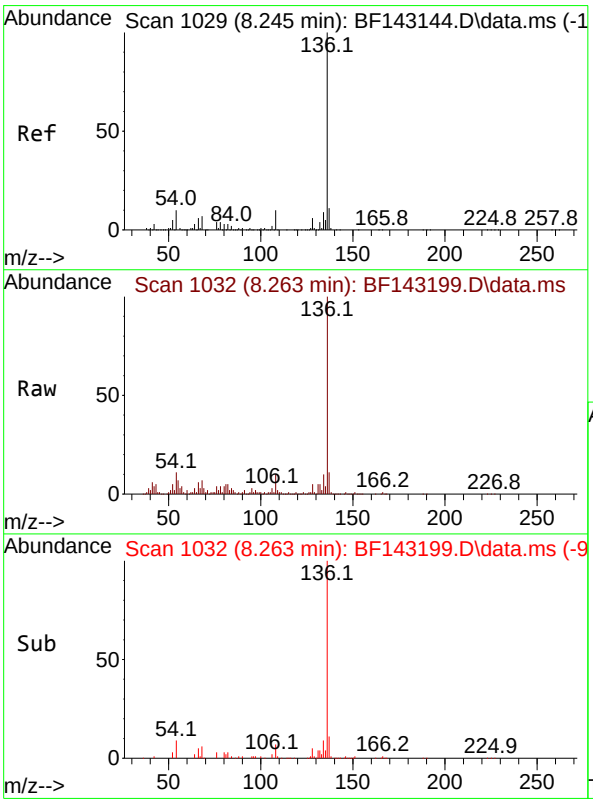
Tgt Ion:107 Resp: 37867

Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.0	110.0
77	32.3	57.8	97.8#
79	26.9	9.5	49.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

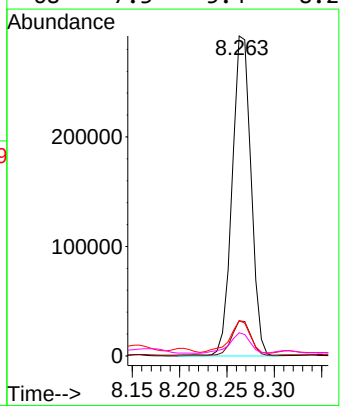
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Supervised By :Jagrut Upadhyay 07/23/2025

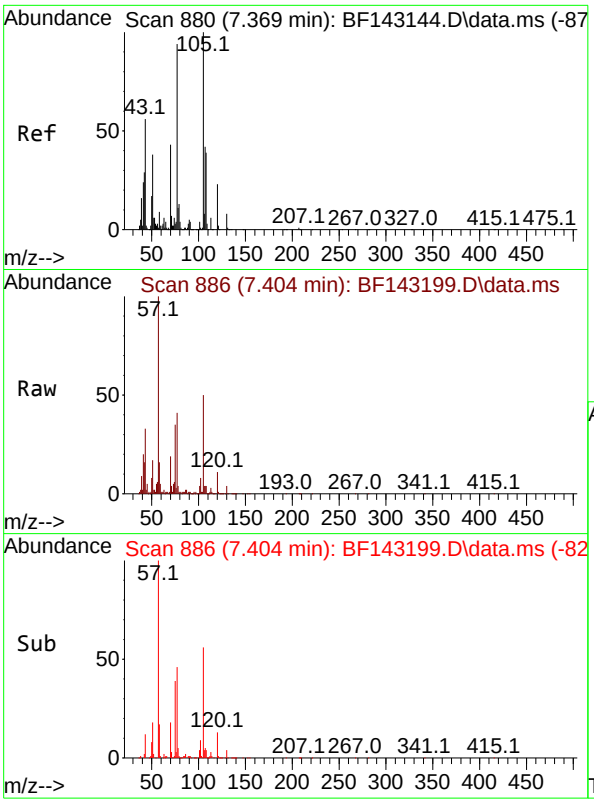


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1032
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:136 Resp: 403875

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	11.0	8.2	12.2
68	7.3	5.4	8.2

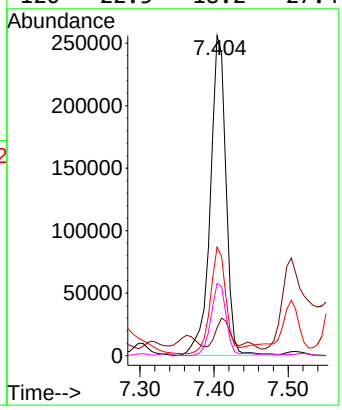




#22
Acetophenone
Concen: 39.310 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:105 Resp: 37587

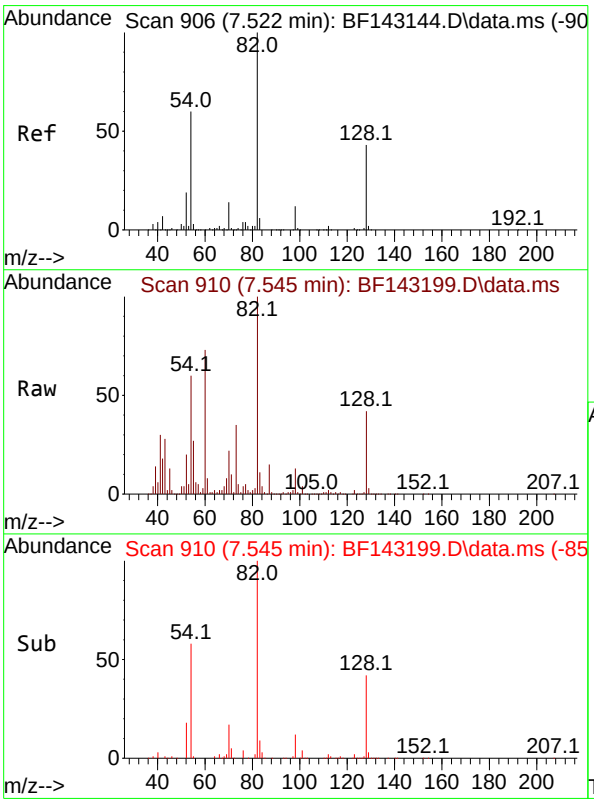
Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.8	8.6
51	33.9	30.2	45.2
120	22.5	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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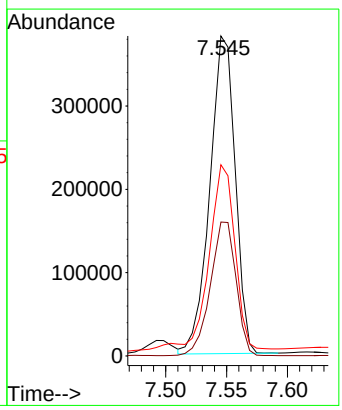
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Supervised By :Jagrut Upadhyay 07/23/2025

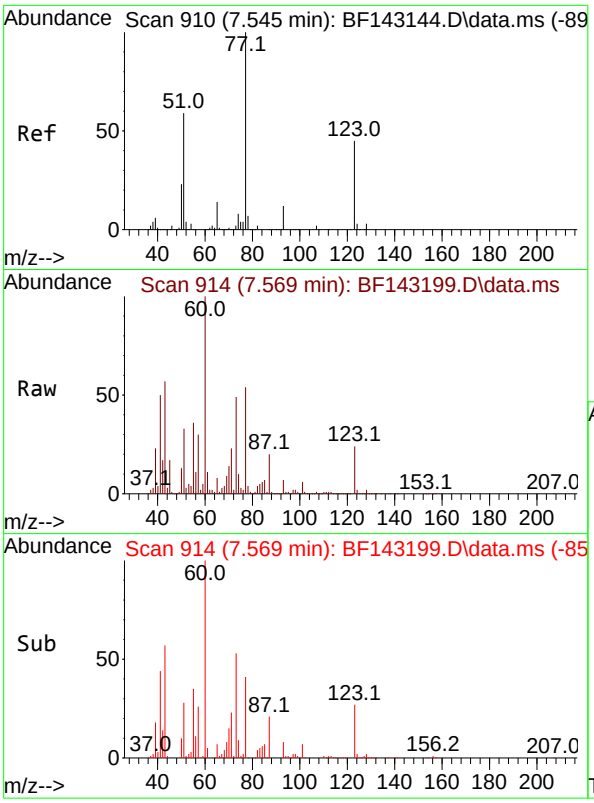


#23
Nitrobenzene-d5
Concen: 68.332 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 82 Resp: 553643

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7

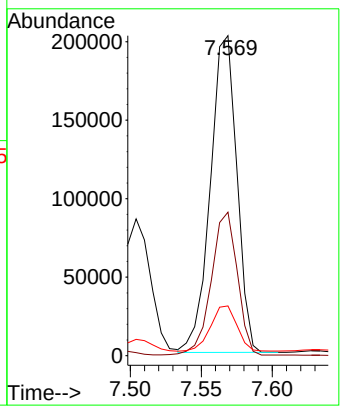




#24
Nitrobenzene
Concen: 34.748 ng
RT: 7.569 min Scan# 9
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 77 Resp: 26248

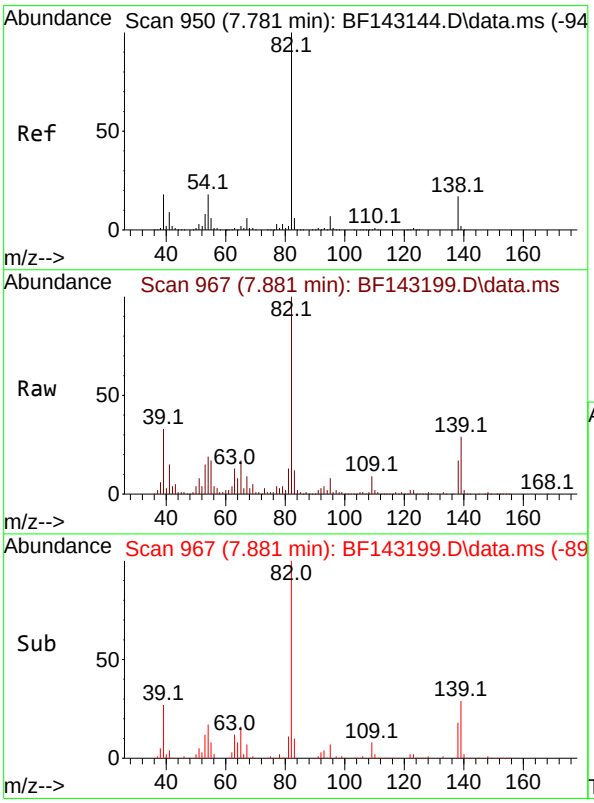
Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	15.6	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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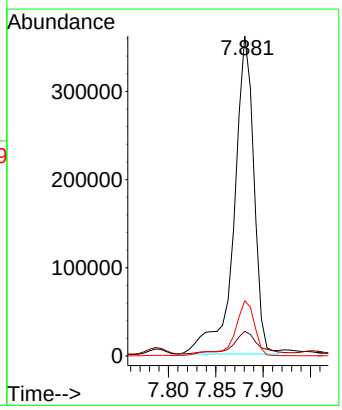
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

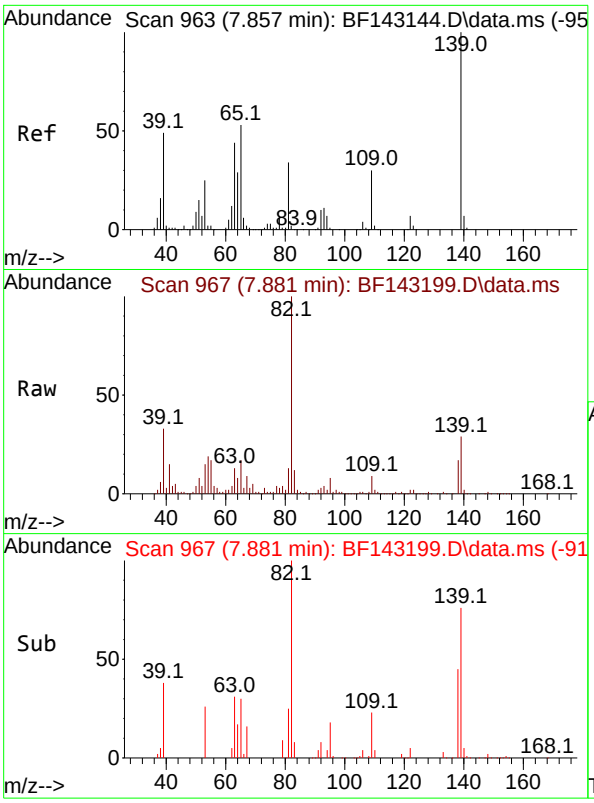


#25
Isophorone
Concen: 36.703 ng
RT: 7.881 min Scan# 967
Delta R.T. 0.100 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 82 Resp: 524966

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.5	8.3
138	17.2	13.8	20.8





#26
2-Nitrophenol
Concen: 42.485 ng
RT: 7.881 min Scan# 9
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

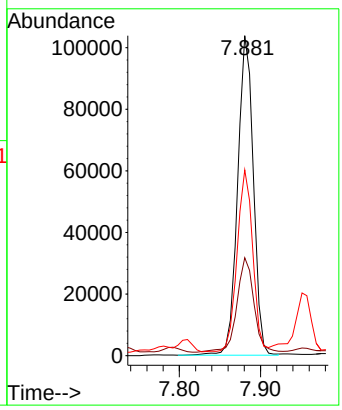
Tgt Ion:139 Resp: 13928

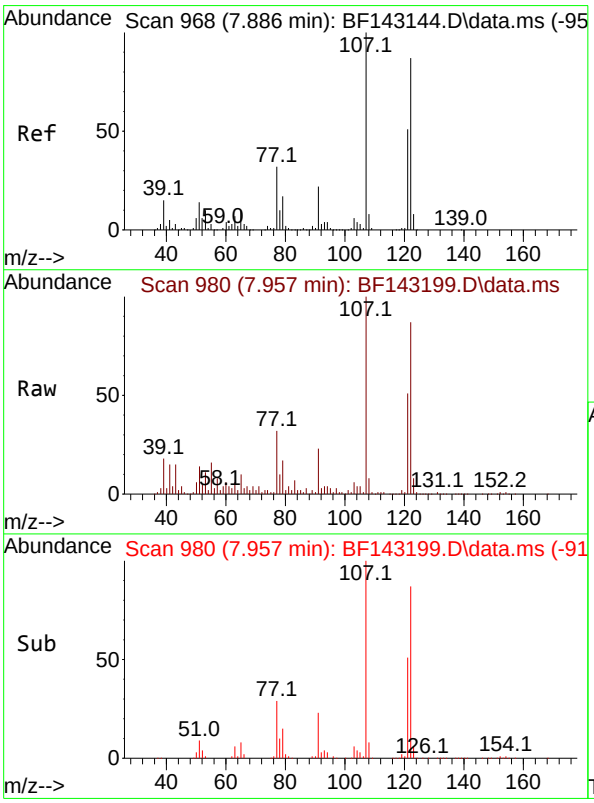
Ion	Ratio	Lower	Upper
139	100		
109	30.6	23.6	35.4
65	58.1	42.6	64.0

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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Supervised By :Jagrut Upadhyay 07/23/2025

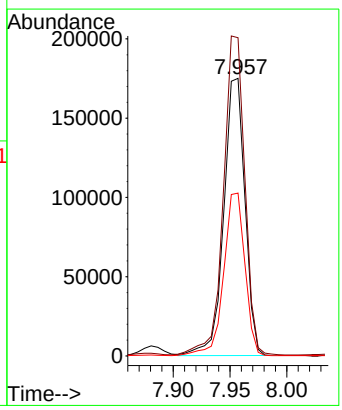


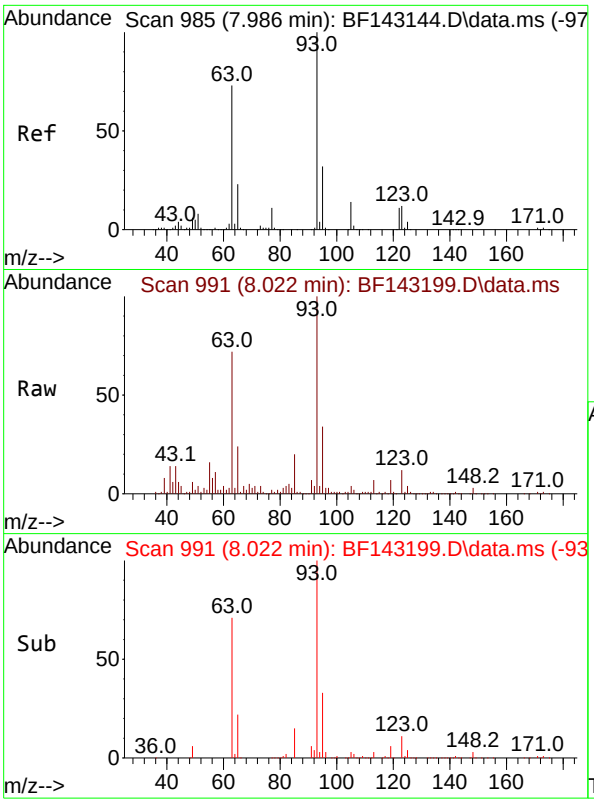


#27
2,4-Dimethylphenol
Concen: 34.026 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.071 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:122 Resp: 227380

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	58.7	46.3	69.5





#28
bis(2-Chloroethoxy)methane
Concen: 37.430 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

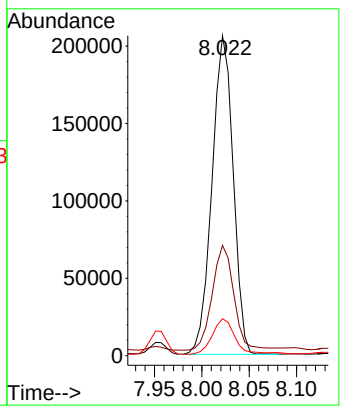
Tgt Ion: 93 Resp: 32099

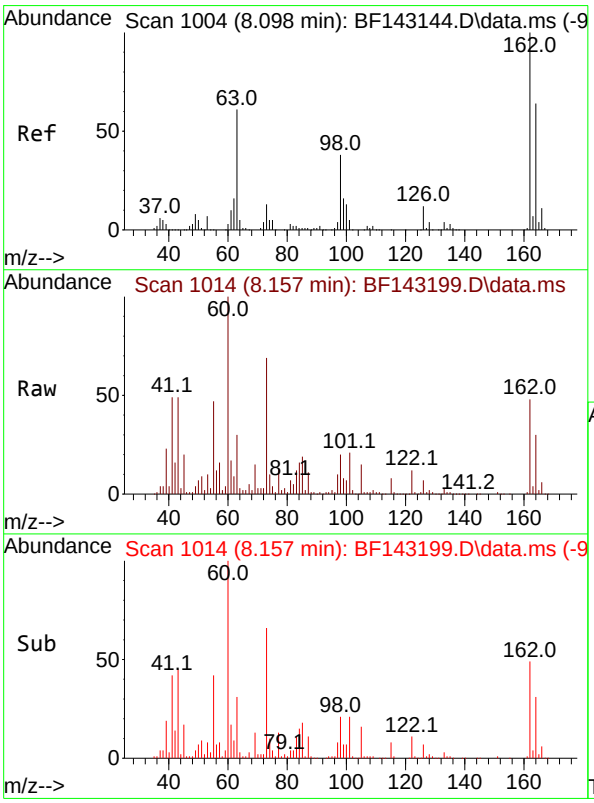
Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.8	38.6
123	11.5	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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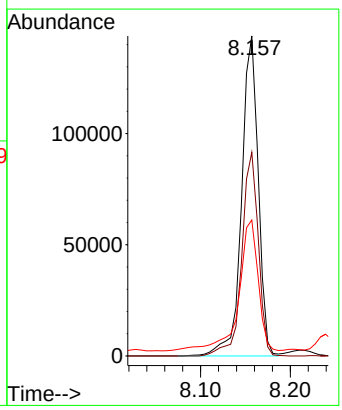


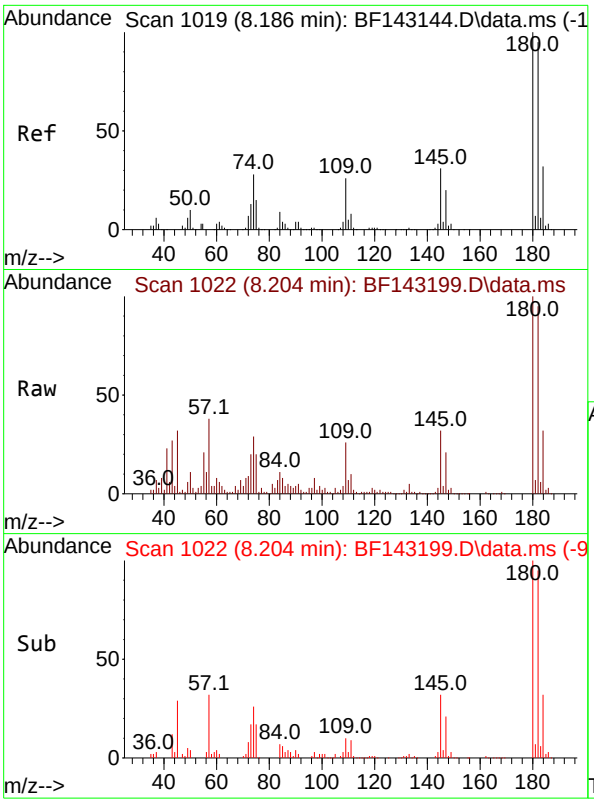


#29
2,4-Dichlorophenol
Concen: 32.941 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.059 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:162 Resp: 185645

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.2	84.2
98	42.5	17.9	57.9

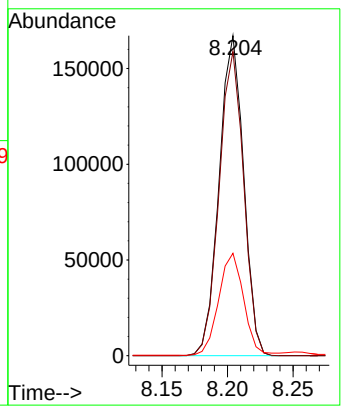




#30
1,2,4-Trichlorobenzene
Concen: 35.572 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:180 Resp: 21657

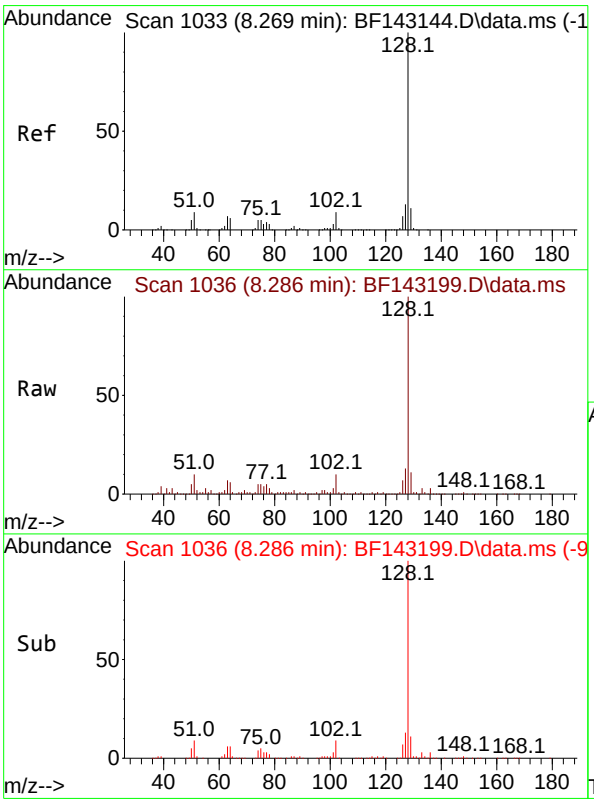
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	32.0	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
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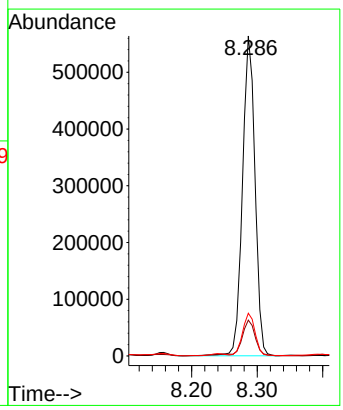
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

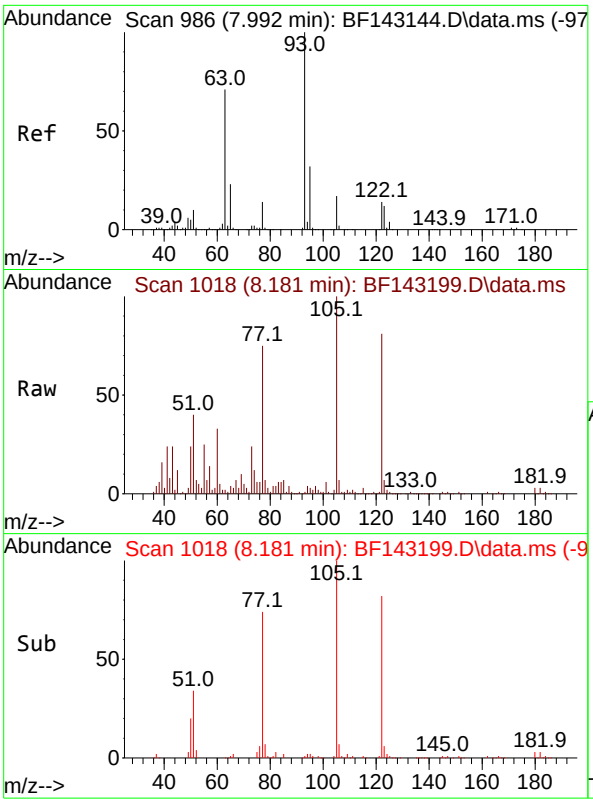


#31
Naphthalene
Concen: 37.776 ng
RT: 8.286 min Scan# 1036
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:128 Resp: 751387

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	10.6	16.0

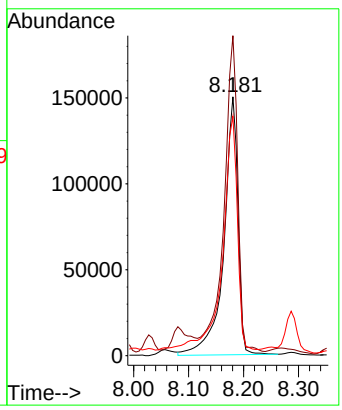




#32
Benzoic acid
Concen: 68.976 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.189 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:122 Resp: 26919

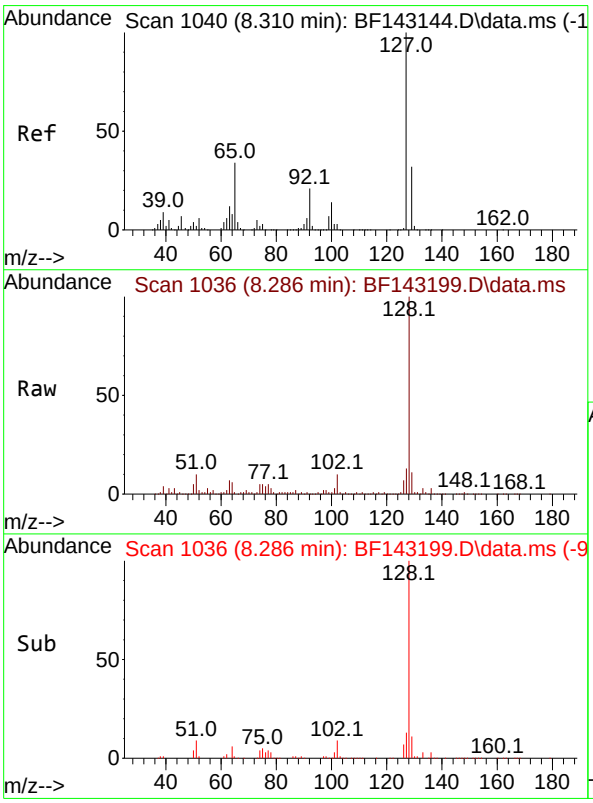
Ion	Ratio	Lower	Upper
122	100		
105	123.6	104.8	144.8
77	92.5	77.6	117.6



Instrument :
BNA_F
ClientSampleId :
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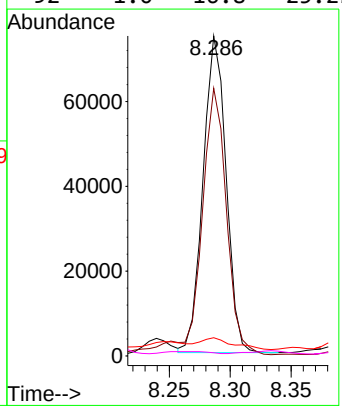
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

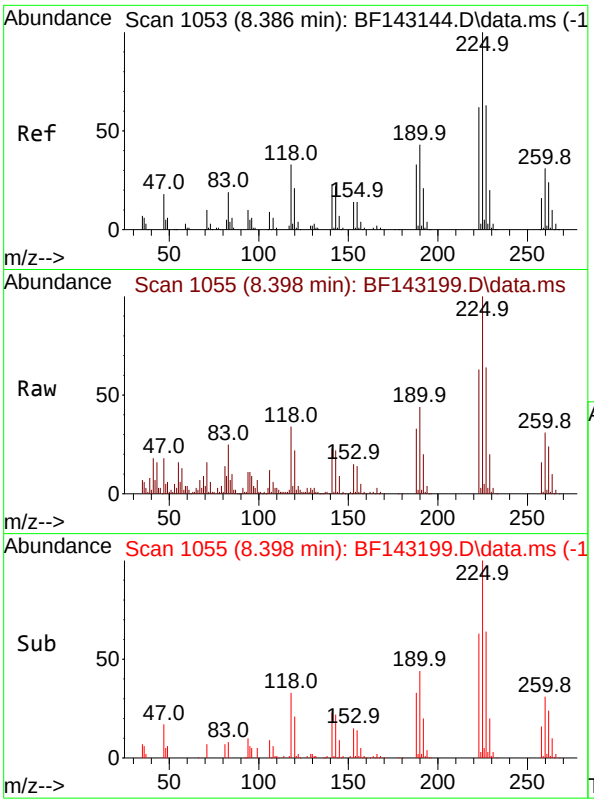


#33
4-Chloroaniline
Concen: 12.069 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.024 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:127 Resp: 98017

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.0	39.0#
65	5.7	27.4	41.2#
92	1.0	16.8	25.2#

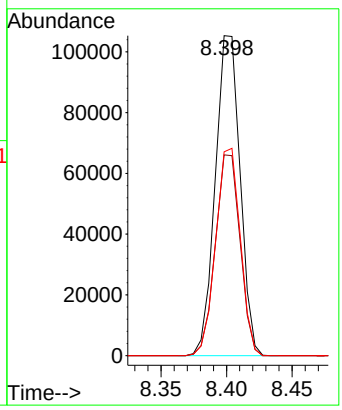




#34
Hexachlorobutadiene
Concen: 37.227 ng
RT: 8.398 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:225 Resp: 13845

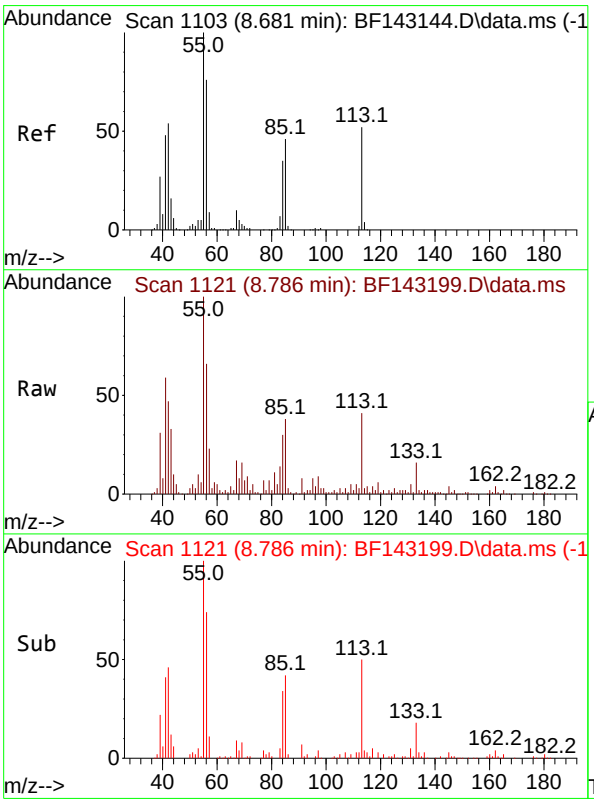
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	63.7	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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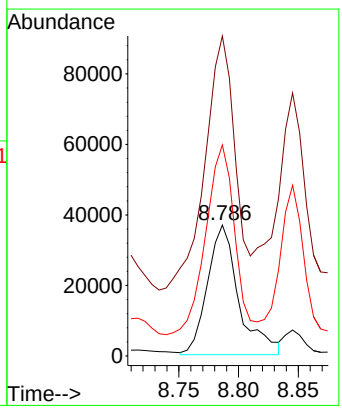
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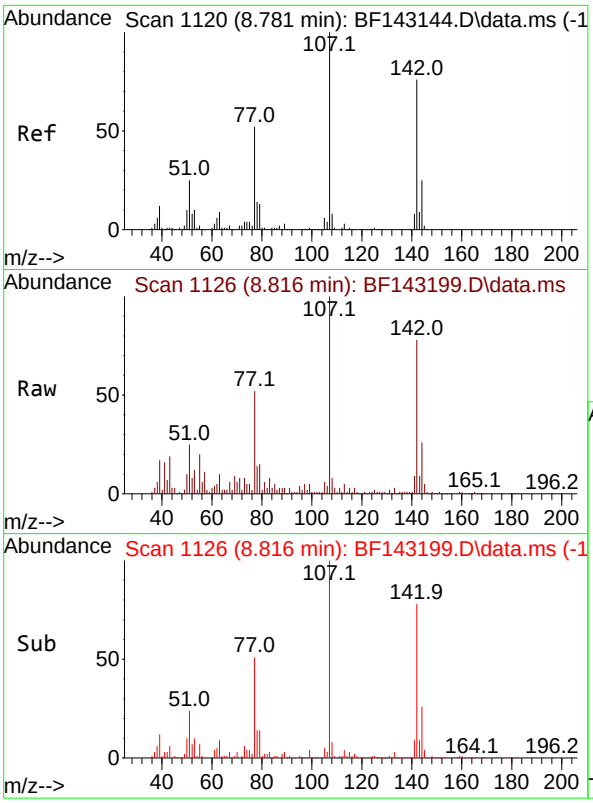


#35
Caprolactam
Concen: 39.574 ng m
RT: 8.786 min Scan# 1121
Delta R.T. 0.106 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:113 Resp: 67393

Ion	Ratio	Lower	Upper
113	100		
55	244.6	174.0	214.0#
56	161.3	126.6	166.6

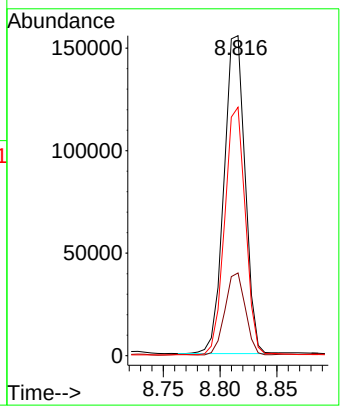




#36
4-Chloro-3-methylphenol
Concen: 32.708 ng
RT: 8.816 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:107 Resp: 20034

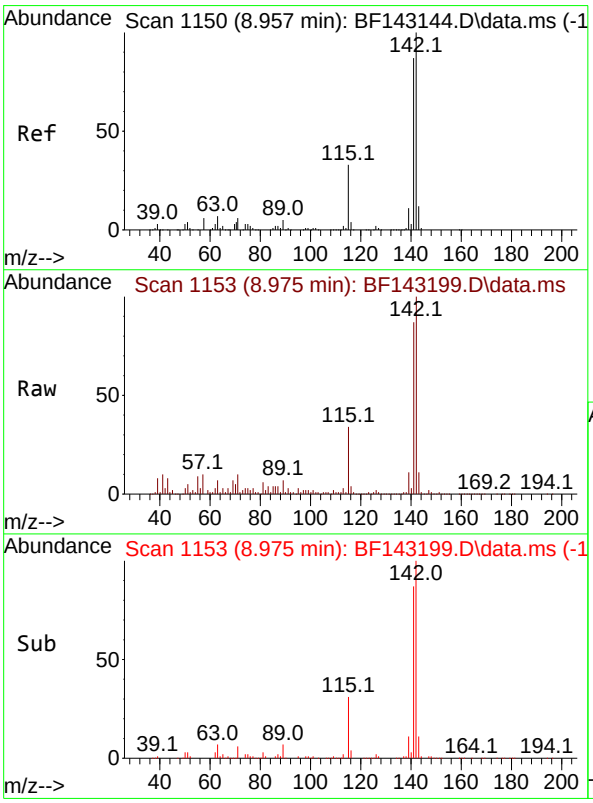
Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.8	29.6
142	77.7	60.6	90.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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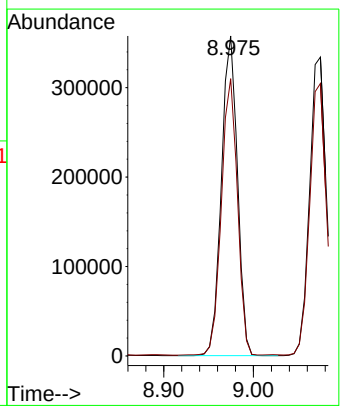
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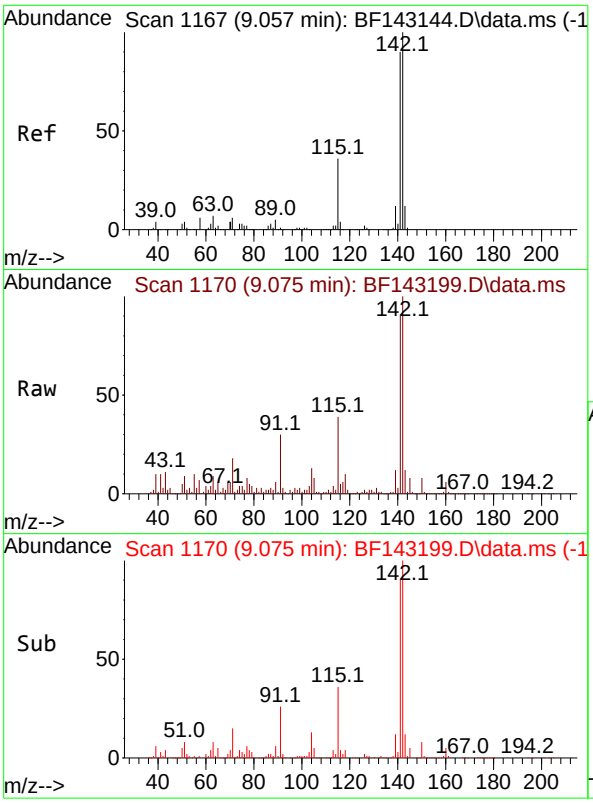


#37
2-Methylnaphthalene
Concen: 36.634 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:142 Resp: 443408

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.9	104.9





#38
1-Methylnaphthalene
Concen: 34.298 ng
RT: 9.075 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

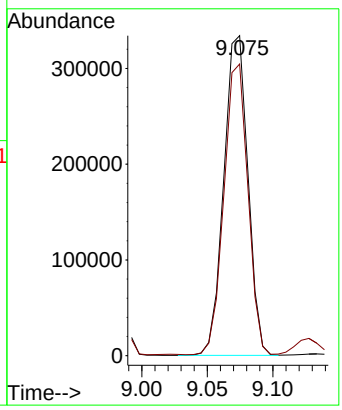
Tgt Ion:142 Resp: 42748

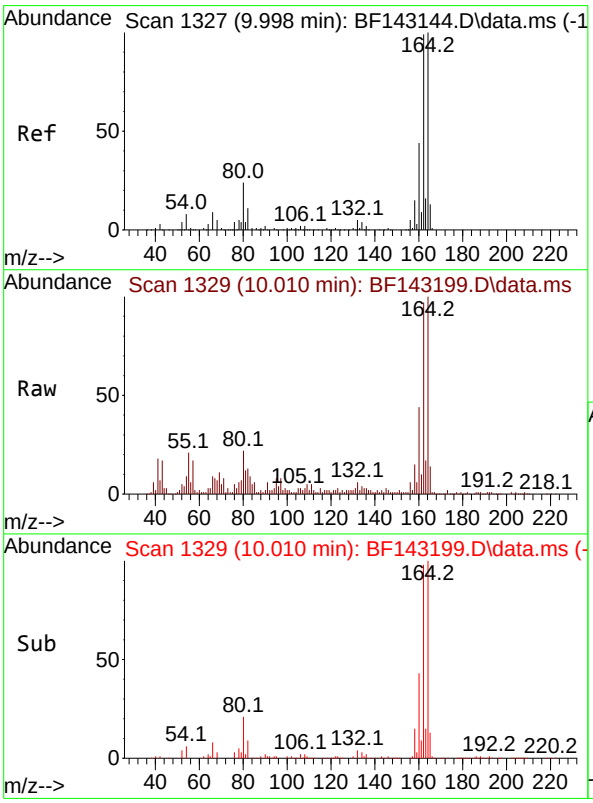
Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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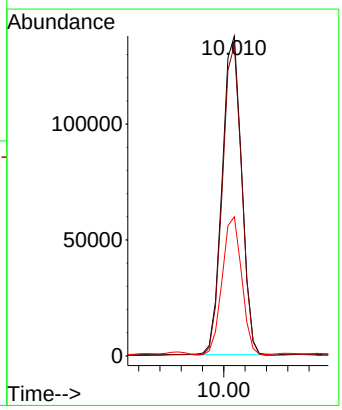


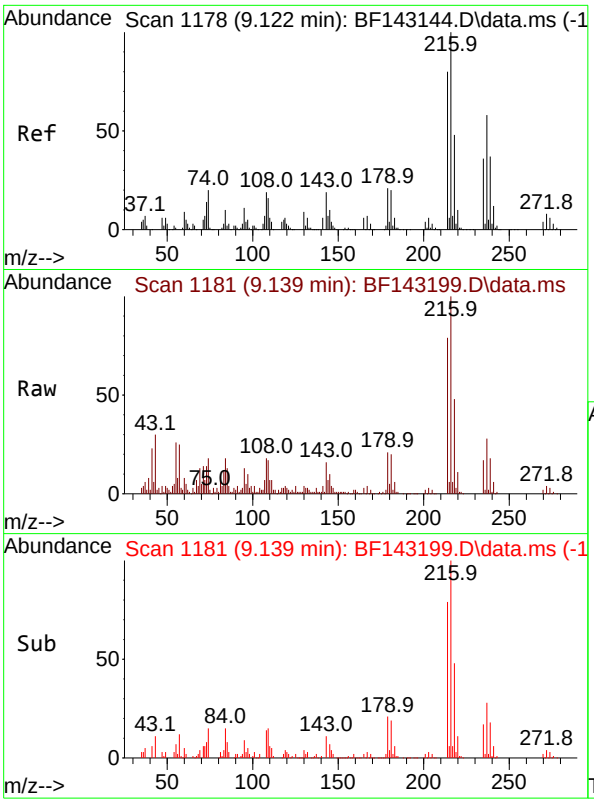


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:164 Resp: 174208

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.0	118.6
160	43.5	35.1	52.7

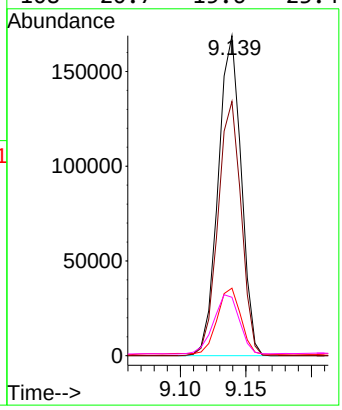




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.979 ng
RT: 9.139 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:216 Resp: 20610

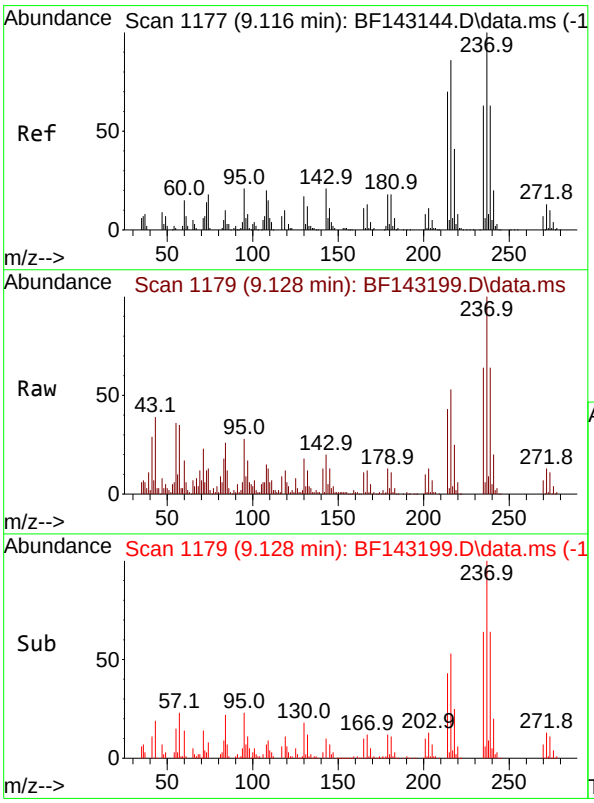
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	22.3	16.4	24.6
108	20.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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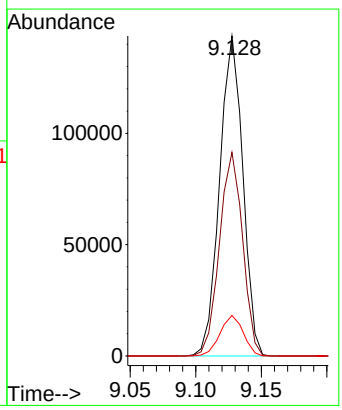
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

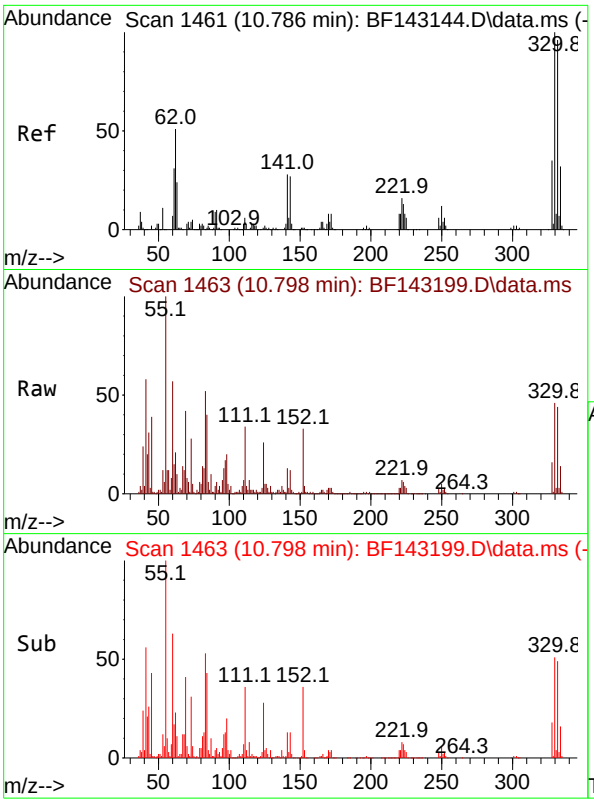


#41
Hexachlorocyclopentadiene
Concen: 53.988 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:237 Resp: 176682

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.0	83.0
272	12.7	0.0	33.3

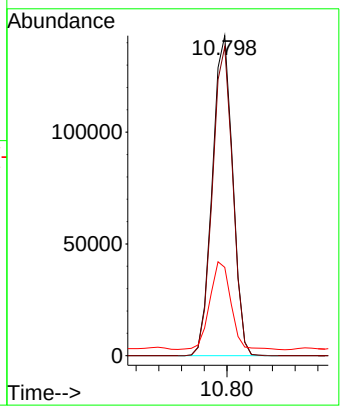




#42
2,4,6-Tribromophenol
Concen: 99.053 ng
RT: 10.798 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:330 Resp: 17826

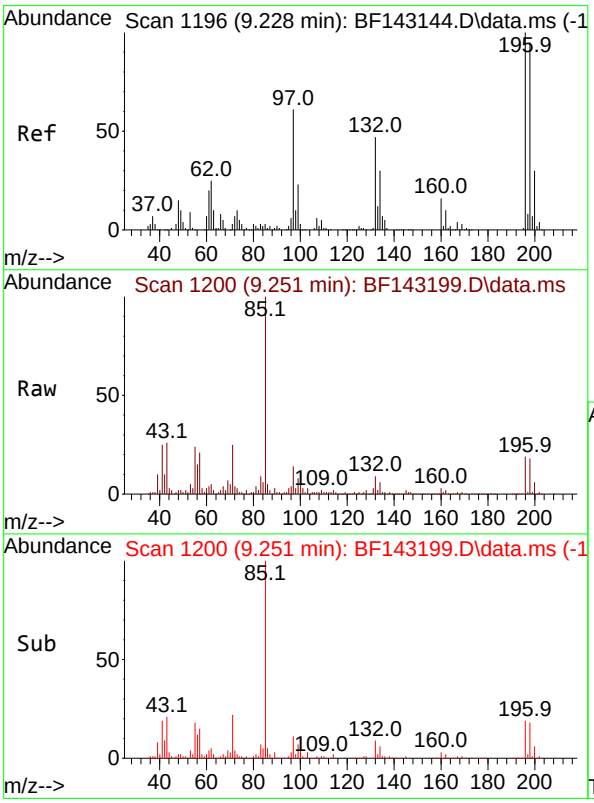
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	28.6	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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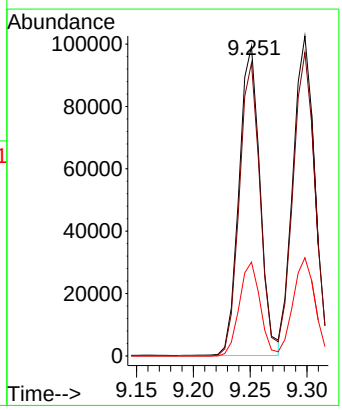
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Supervised By :Jagrut Upadhyay 07/23/2025

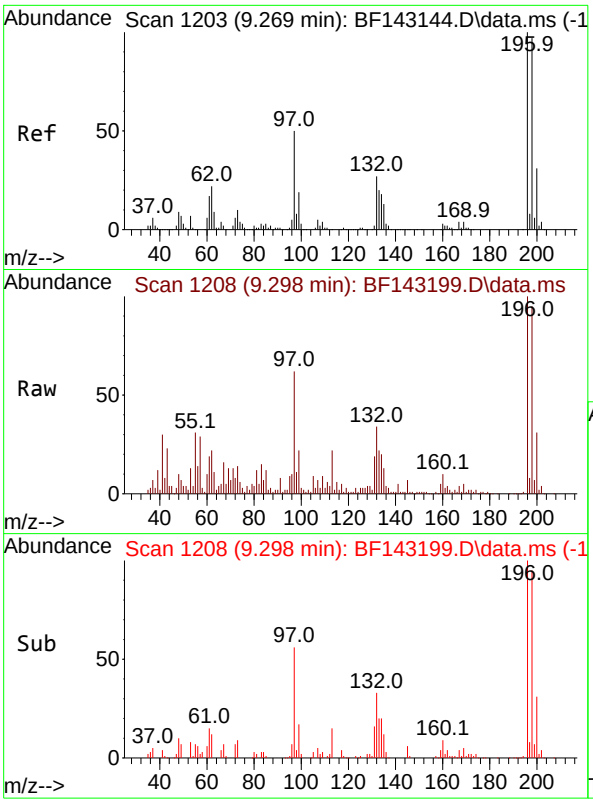


#43
2,4,6-Trichlorophenol
Concen: 36.459 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:196 Resp: 126910

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
200	30.3	23.9	35.9

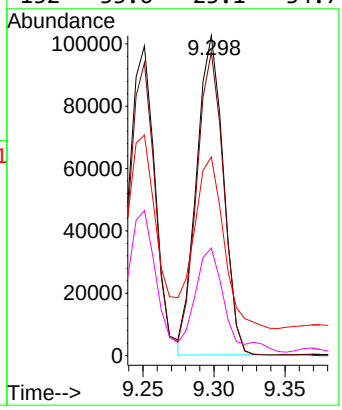




#44
2,4,5-Trichlorophenol
Concen: 38.713 ng
RT: 9.298 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

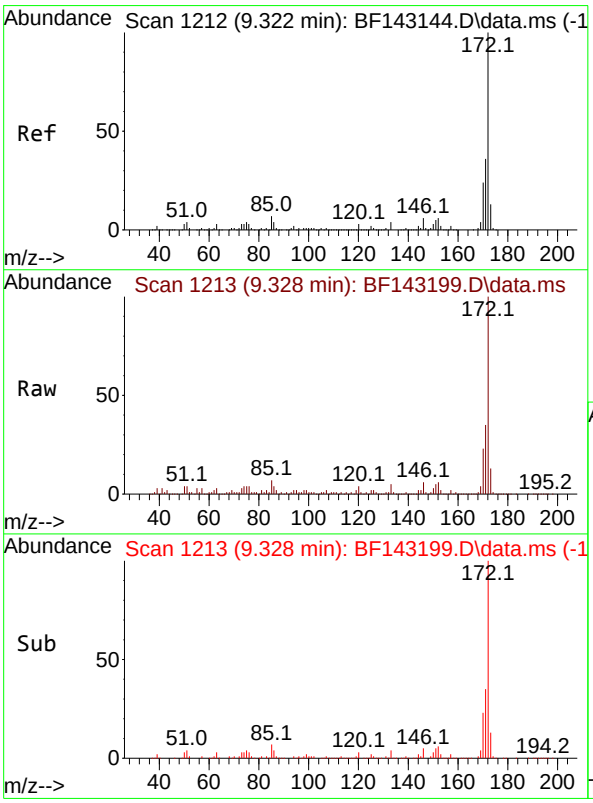
Tgt Ion:196 Resp: 13479

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.3	115.9
97	62.1	40.3	60.5#
132	33.6	23.1	34.7



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

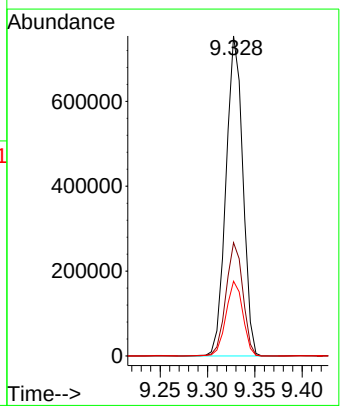
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

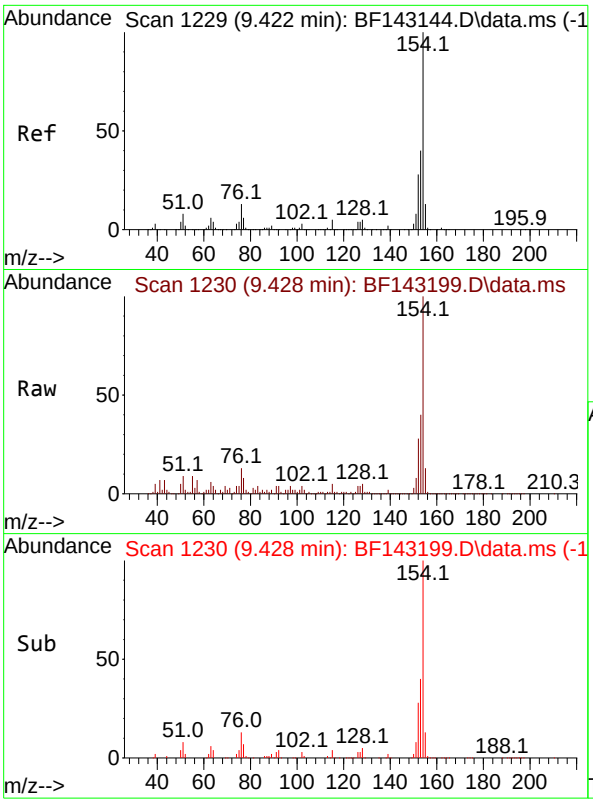


#45
2-Fluorobiphenyl
Concen: 73.412 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:172 Resp: 935127

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.4	18.8	28.2

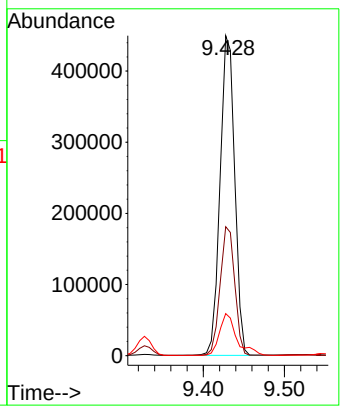




#46
1,1'-Biphenyl
Concen: 41.488 ng
RT: 9.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

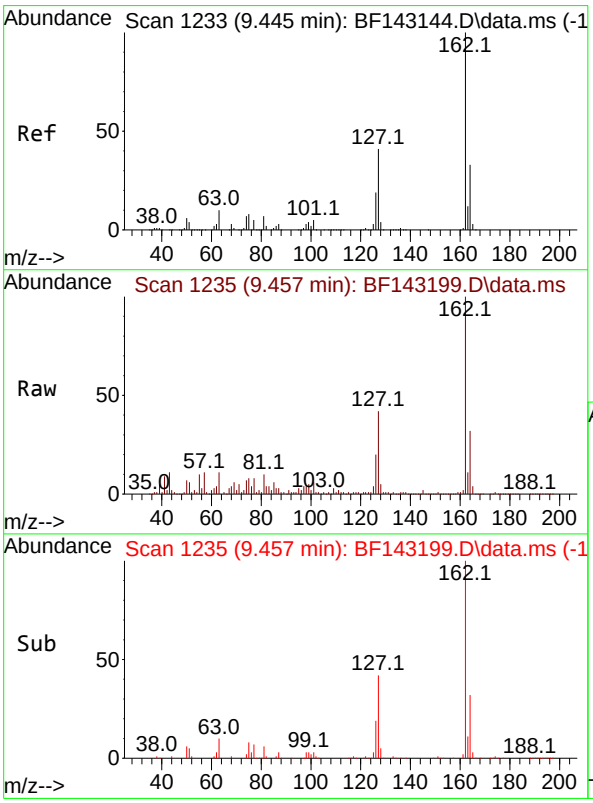
Tgt Ion:154 Resp: 56389

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.2	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

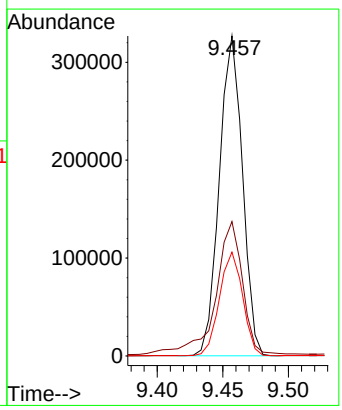
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

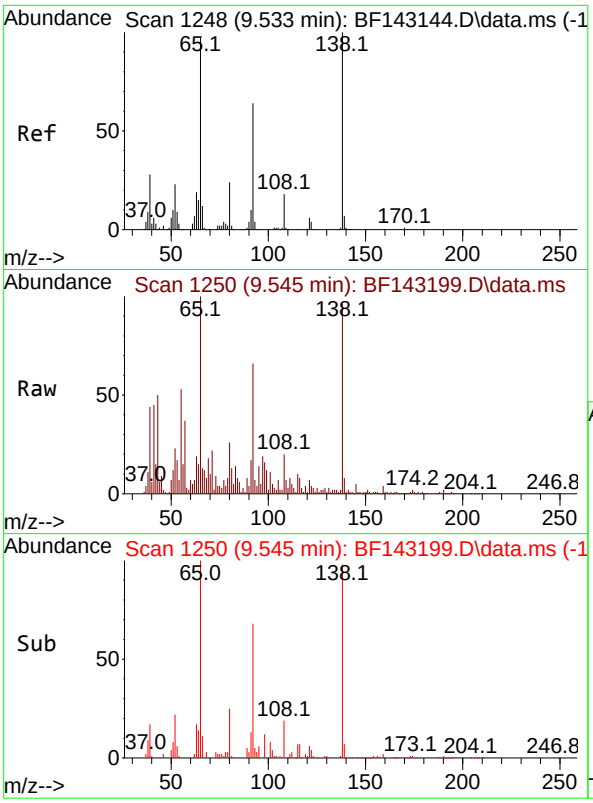


#47
2-Chloronaphthalene
Concen: 39.817 ng
RT: 9.457 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:162 Resp: 400436

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	32.5	26.2	39.2

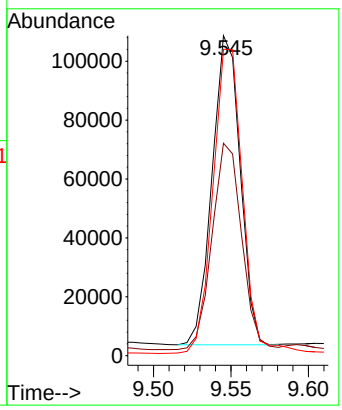




#48
2-Nitroaniline
Concen: 41.864 ng
RT: 9.545 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 65 Resp: 13203

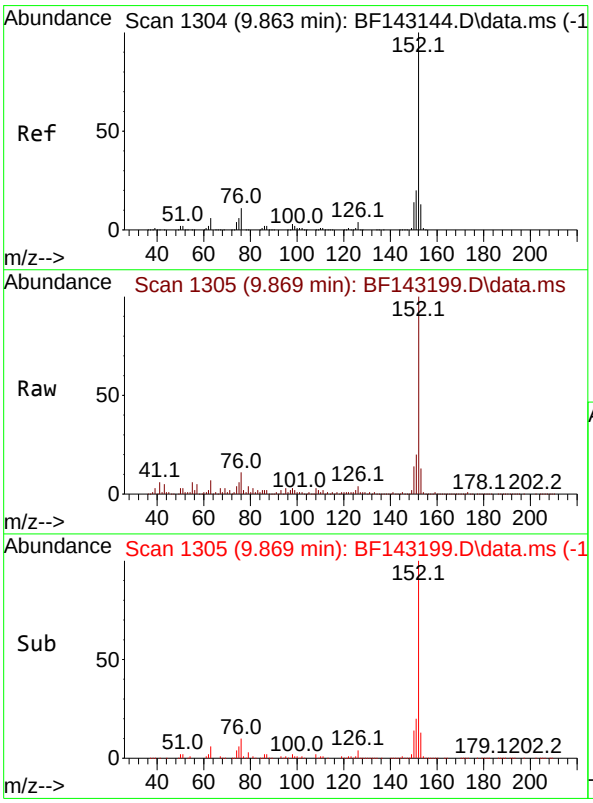
Ion	Ratio	Lower	Upper
65	100		
92	66.4	52.4	78.6
138	95.8	82.3	123.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations APPROVED

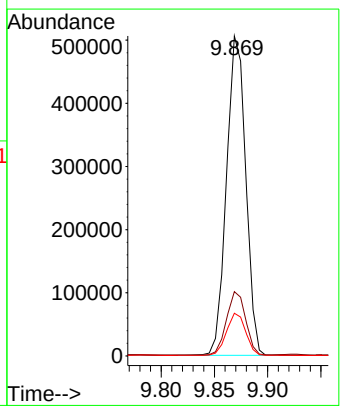
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

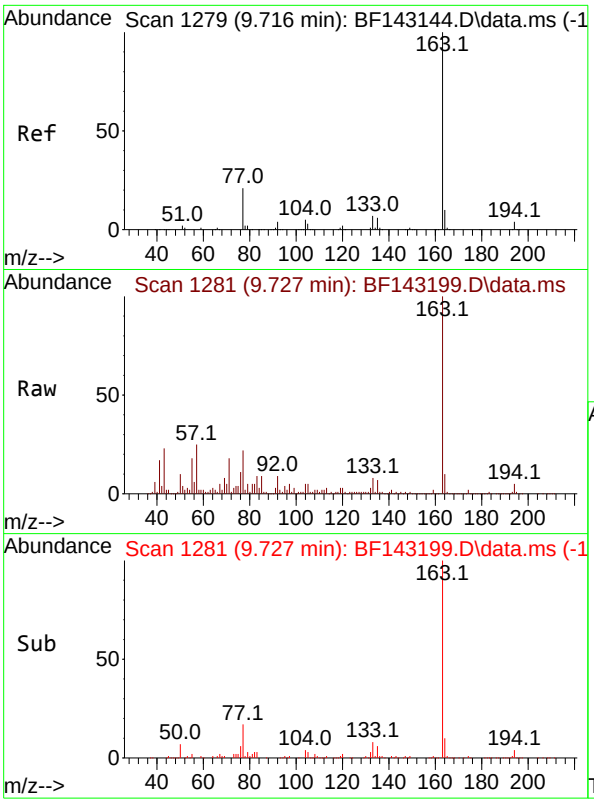


#49
Acenaphthylene
Concen: 37.632 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:152 Resp: 634232

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.6	16.0

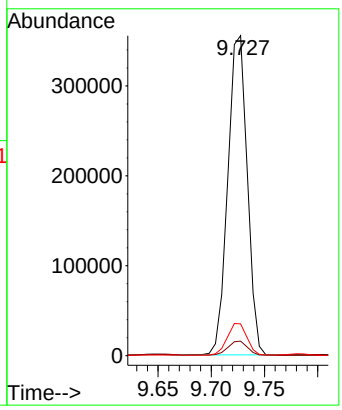




#50
Dimethylphthalate
Concen: 39.673 ng
RT: 9.727 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:163 Resp: 45049

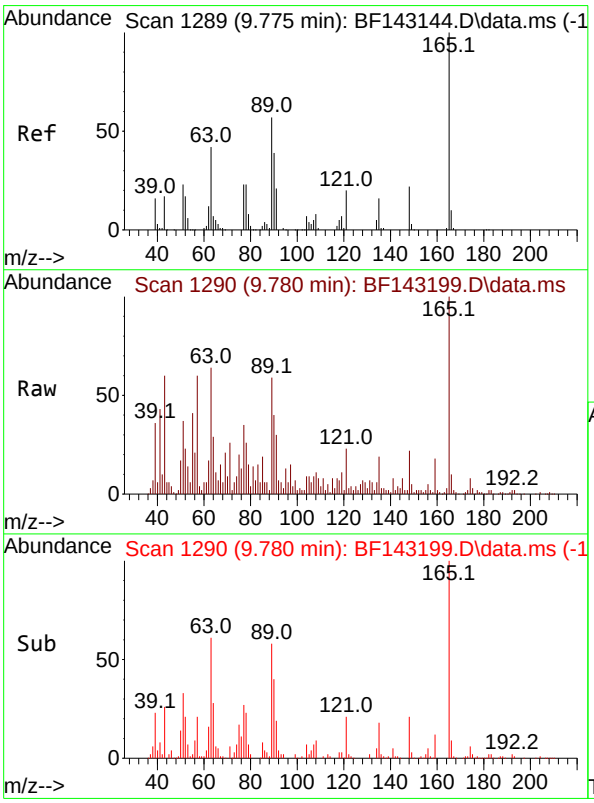
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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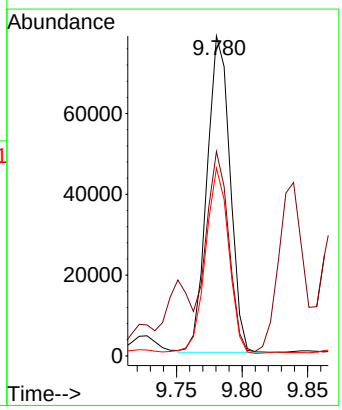
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

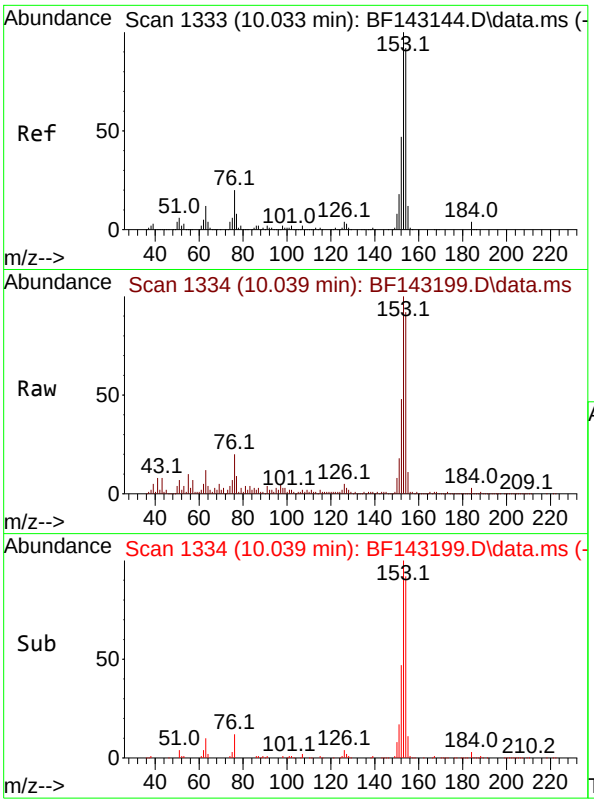


#51
2,6-Dinitrotoluene
Concen: 41.471 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:165 Resp: 95799

Ion	Ratio	Lower	Upper
165	100		
63	63.9	49.4	74.2
89	58.7	46.2	69.2

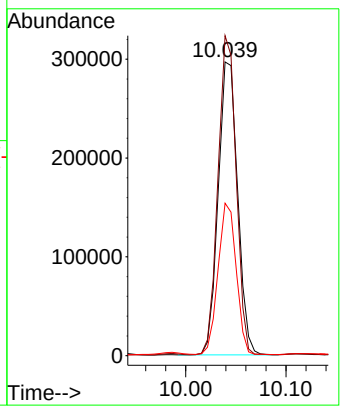




#52
Acenaphthene
Concen: 40.018 ng
RT: 10.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:154 Resp: 39862

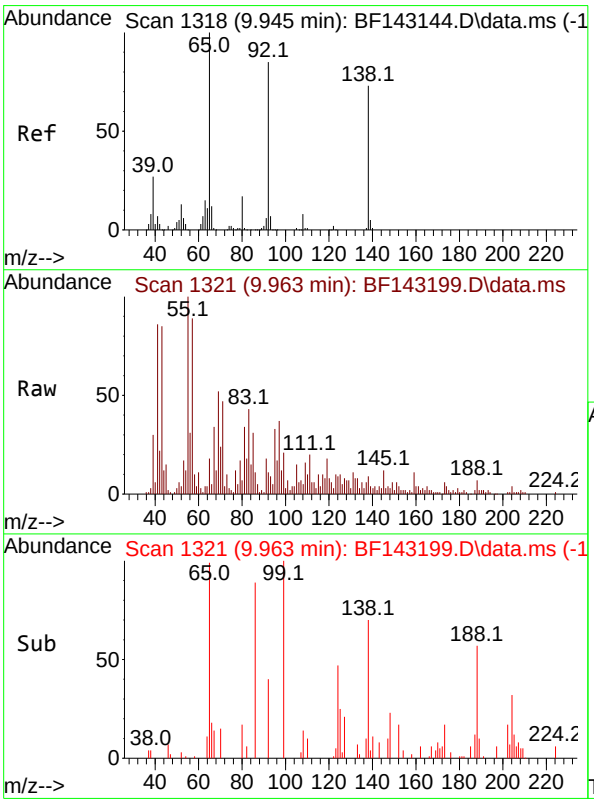
Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	51.9	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

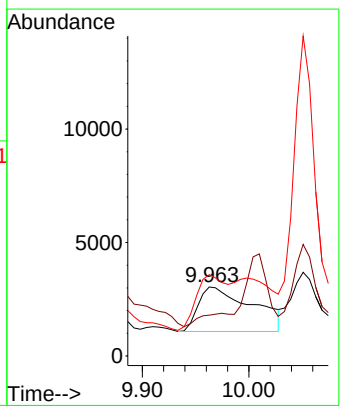
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

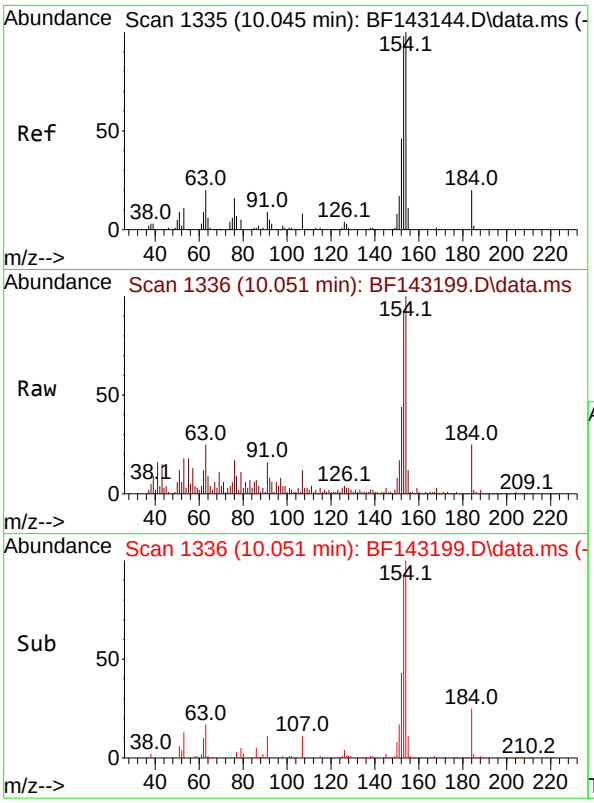


#53
3-Nitroaniline
Concen: 2.550 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:138 Resp: 6891

Ion	Ratio	Lower	Upper
138	100		
108	59.2	9.0	13.6#
92	117.7	93.0	139.4

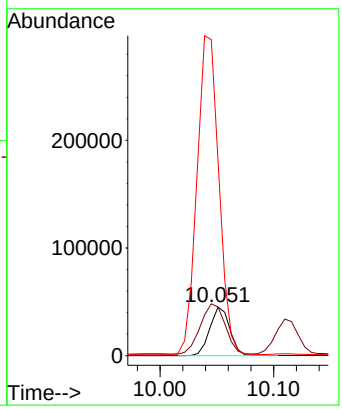




#54
2,4-Dinitrophenol
Concen: 55.089 ng
RT: 10.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:184 Resp: 5530

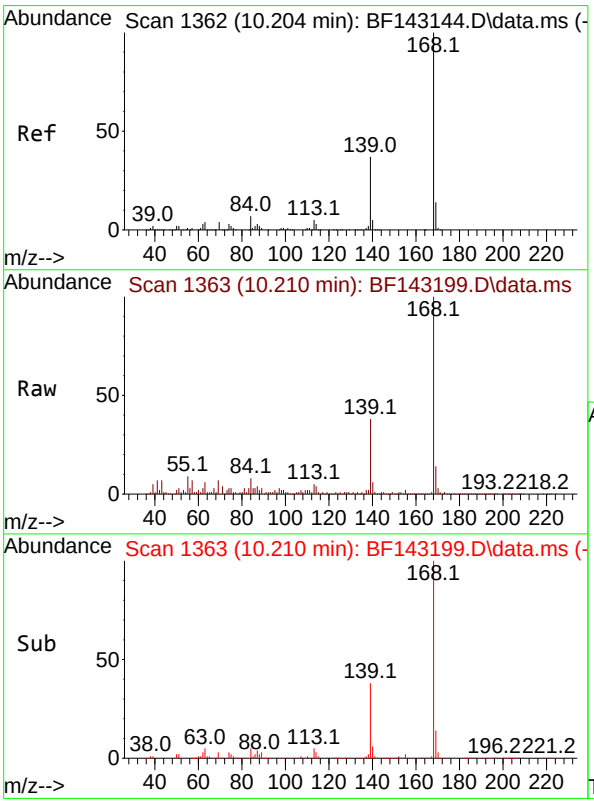
Ion	Ratio	Lower	Upper
184	100		
63	99.9	81.8	122.6
154	400.2	412.2	618.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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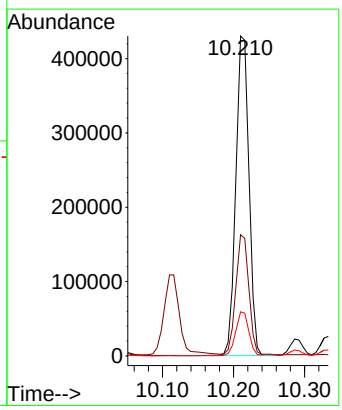
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

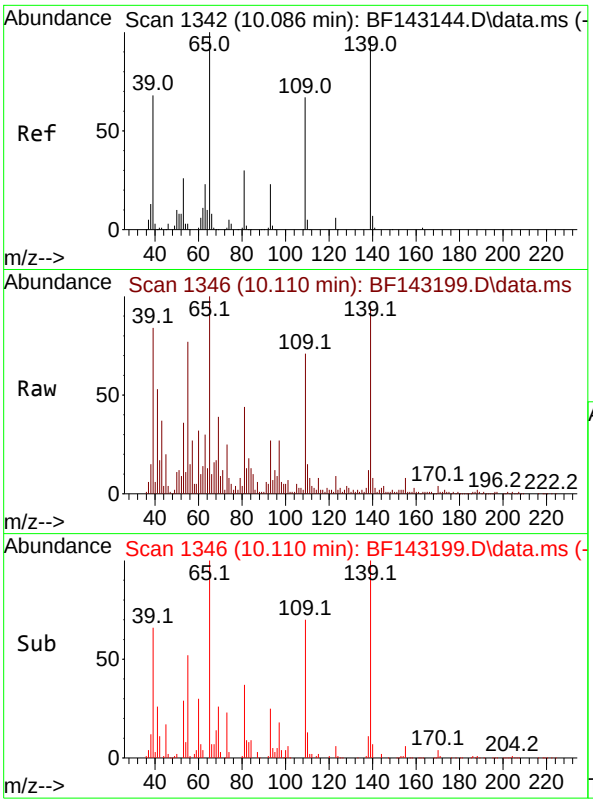


#55
Dibenzofuran
Concen: 37.495 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:168 Resp: 554525

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.5	44.3
169	13.8	10.9	16.3

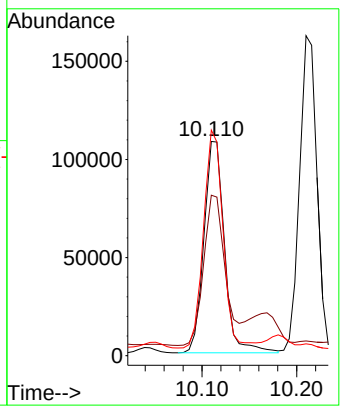




#56
4-Nitrophenol
Concen: 80.702 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:139 Resp: 16282

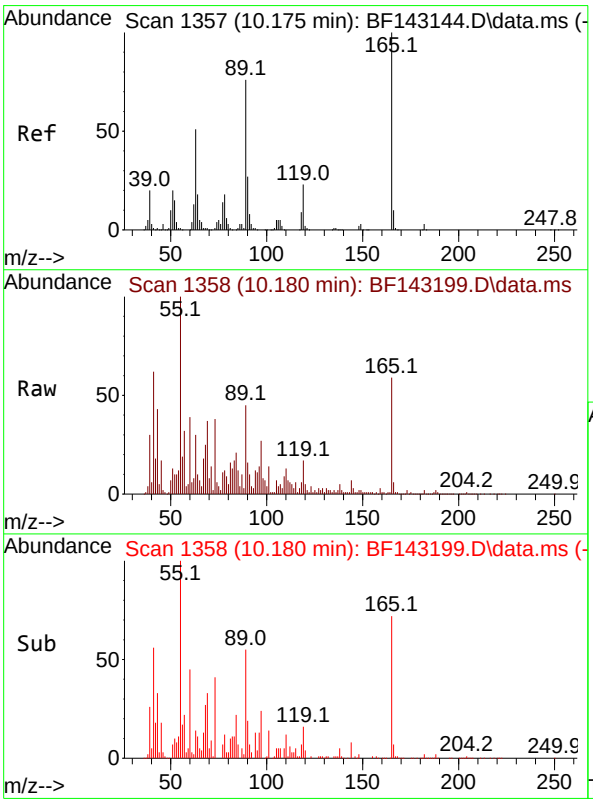
Ion	Ratio	Lower	Upper
139	100		
109	74.9	48.5	88.5
65	105.3	83.4	123.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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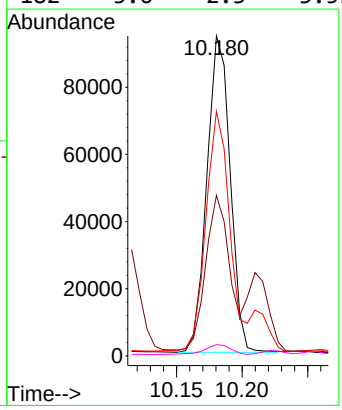
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

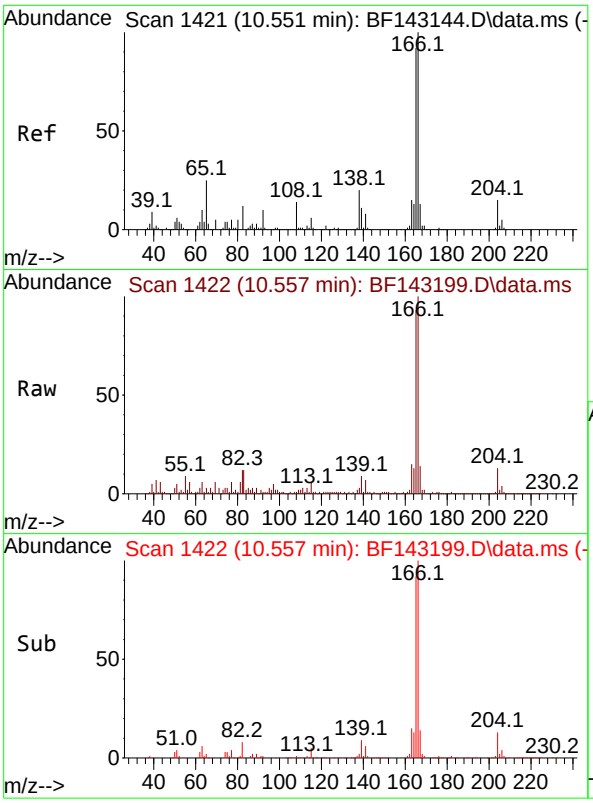


#57
2,4-Dinitrotoluene
Concen: 40.174 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:165 Resp: 116431

Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.0	61.4
89	76.4	61.1	91.7
182	3.6	2.3	3.5#

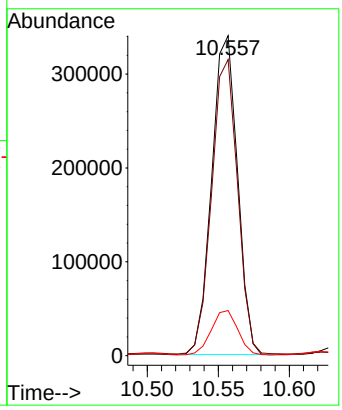




#58
Fluorene
Concen: 38.577 ng
RT: 10.557 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:166 Resp: 42819

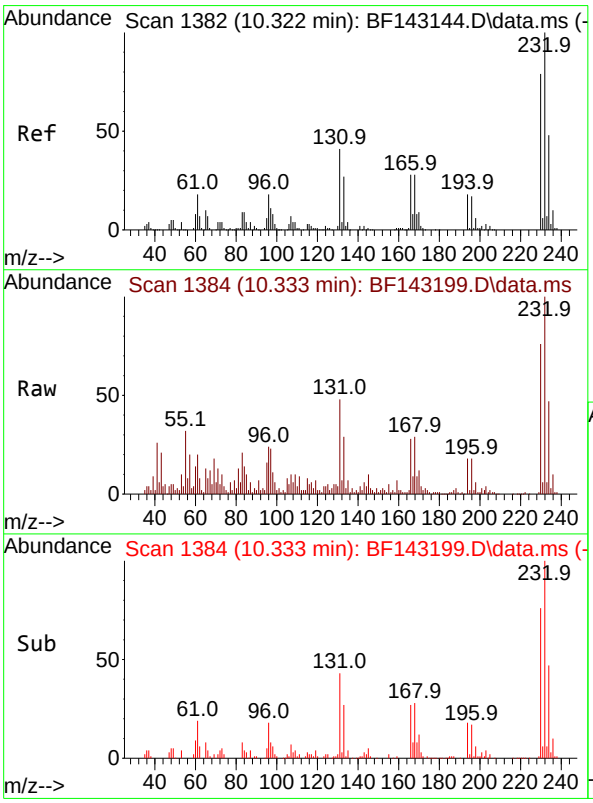
Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	14.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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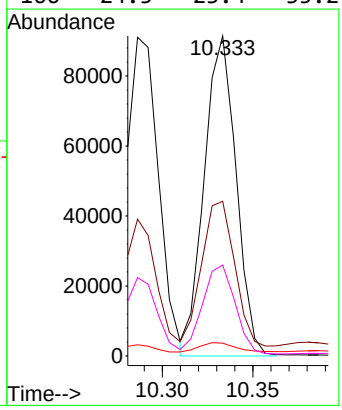
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

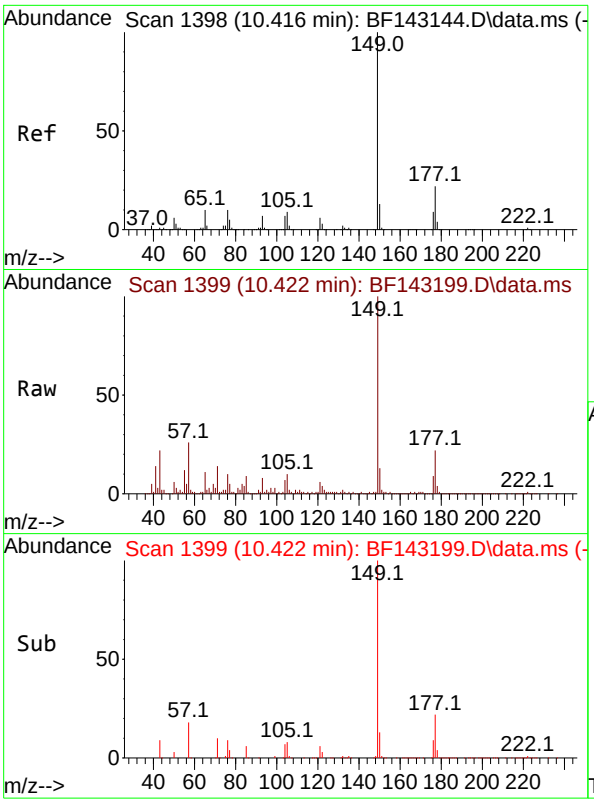


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.836 ng m
RT: 10.333 min Scan# 1384
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:232 Resp: 112015

Ion	Ratio	Lower	Upper
232	100		
131	41.4	35.3	52.9
130	2.5	1.7	2.5#
166	24.5	23.4	35.2

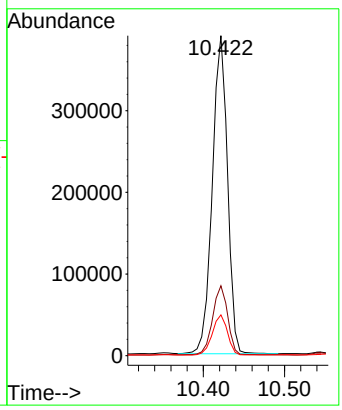




#60
Diethylphthalate
Concen: 45.135 ng
RT: 10.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 50658

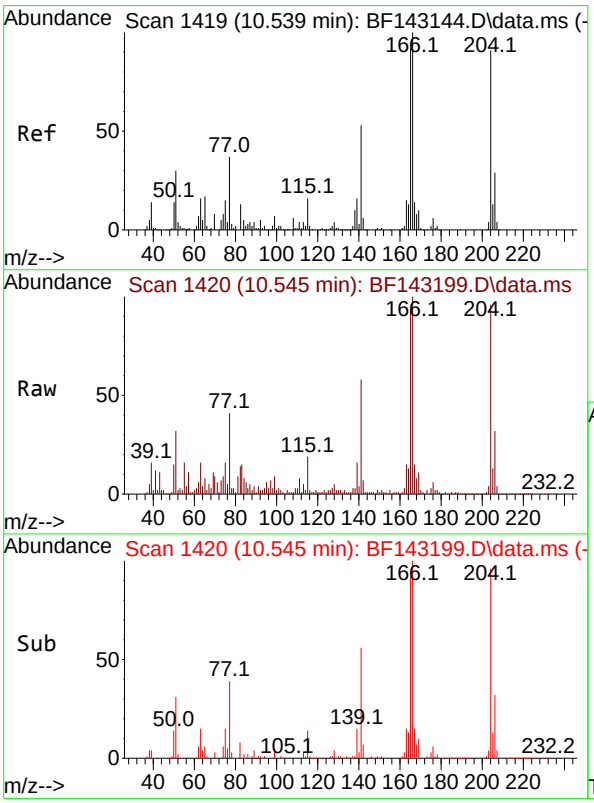
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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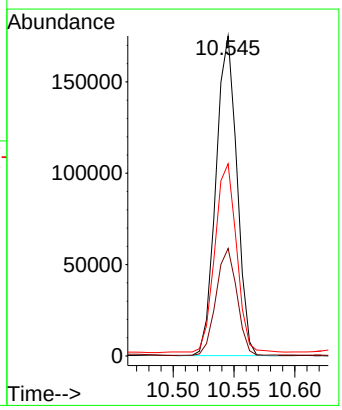
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

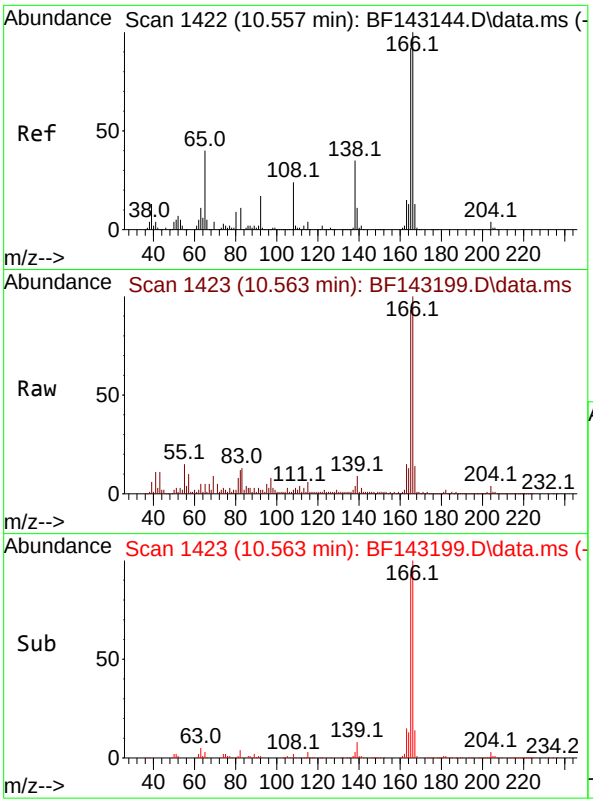


#61
4-Chlorophenyl-phenylether
Concen: 37.896 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:204 Resp: 209454

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	60.1	47.0	70.4





#62
4-Nitroaniline
Concen: 9.823 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

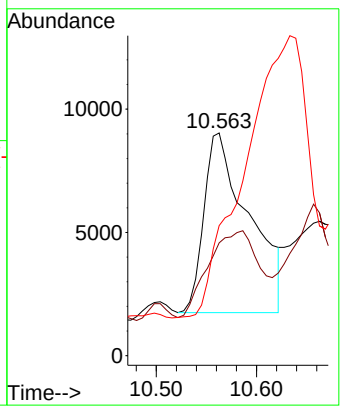
Tgt Ion:138 Resp: 2274

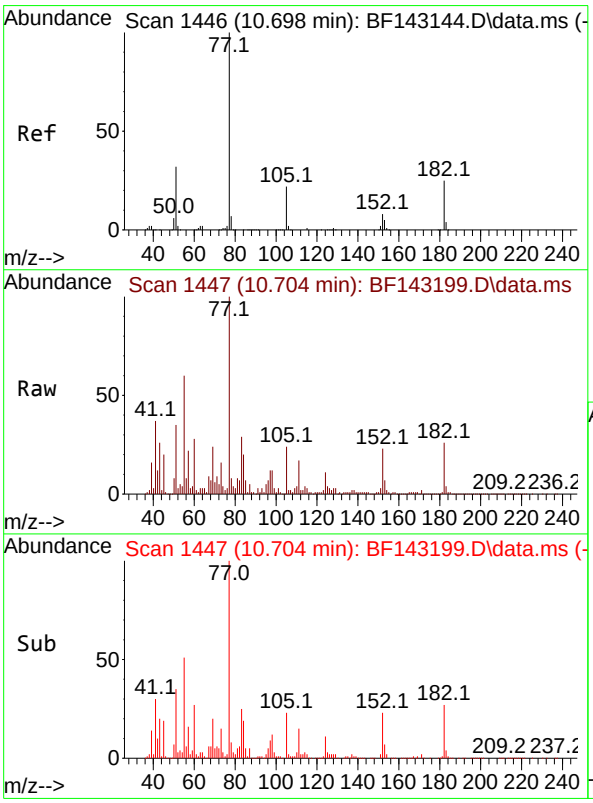
Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	58.5	48.3	88.3

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

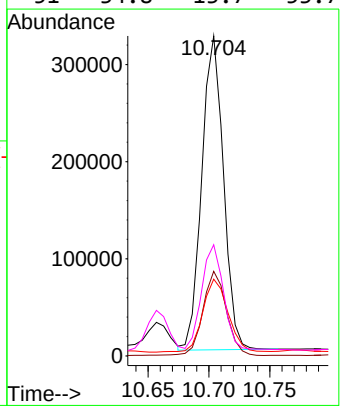


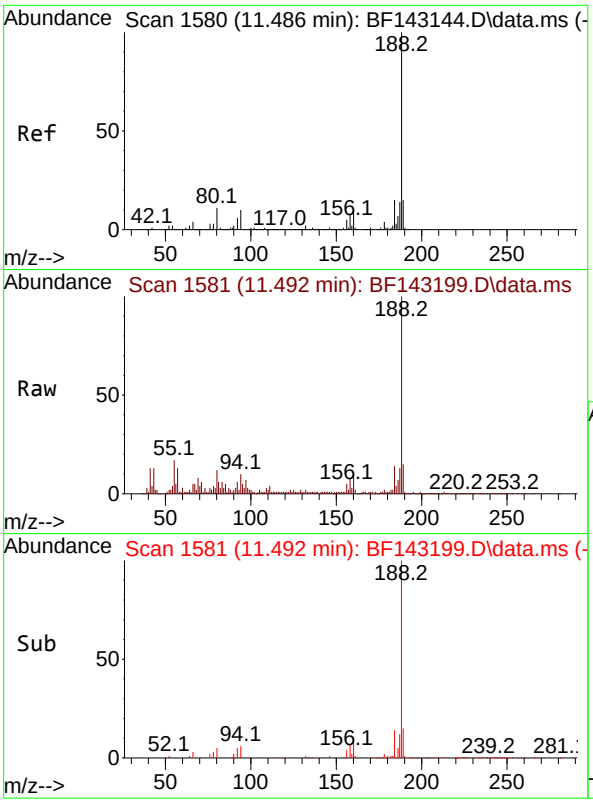


#63
Azobenzene
Concen: 34.302 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 77 Resp: 401256

Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.6	44.6
105	24.0	1.4	41.4
51	34.8	13.7	53.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

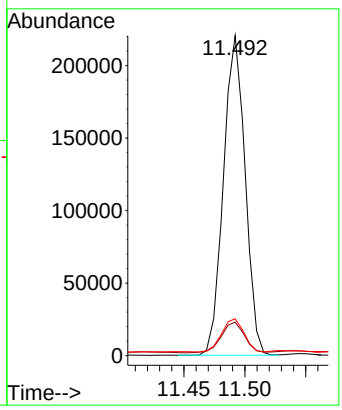
Tgt Ion:188 Resp: 27350

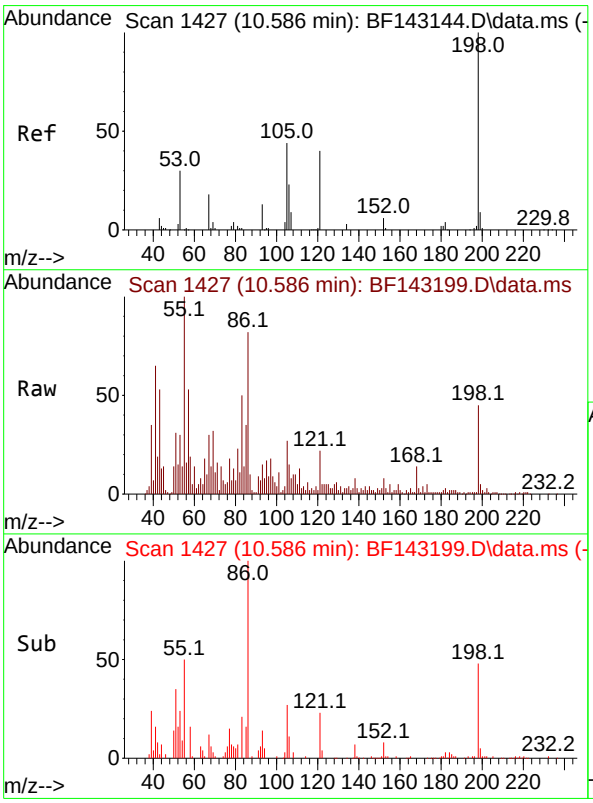
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.6	9.0	13.6

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

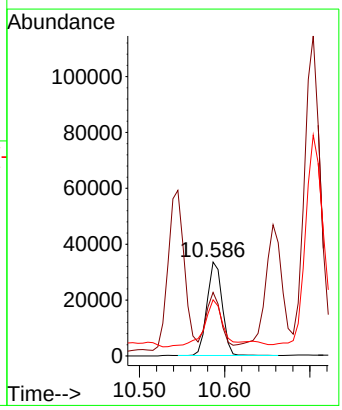


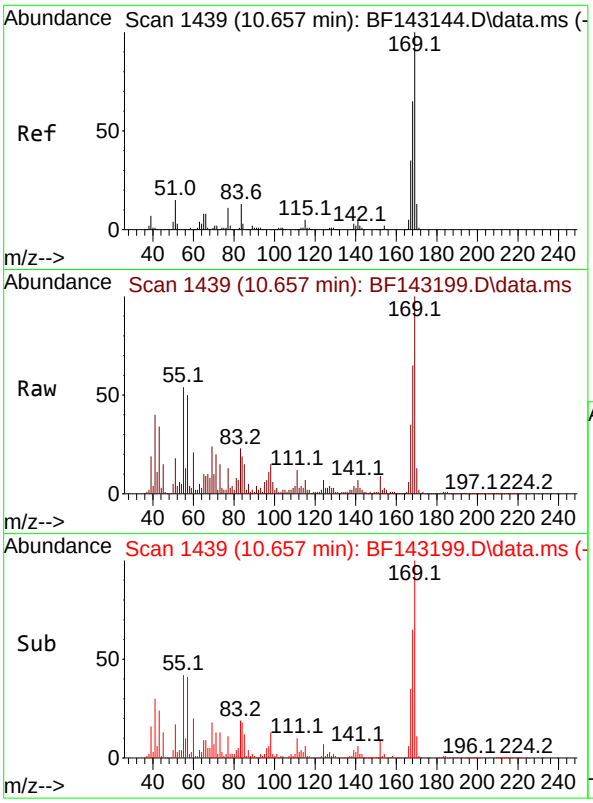


#65
4,6-Dinitro-2-methylphenol
Concen: 30.931 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:198 Resp: 41238

Ion	Ratio	Lower	Upper
198	100		
51	67.7	37.2	77.2
105	59.9	24.8	64.8

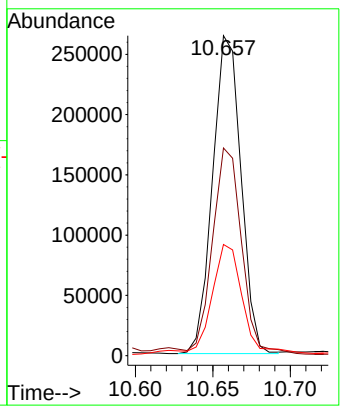




#66
n-Nitrosodiphenylamine
Concen: 34.900 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:169 Resp: 33611

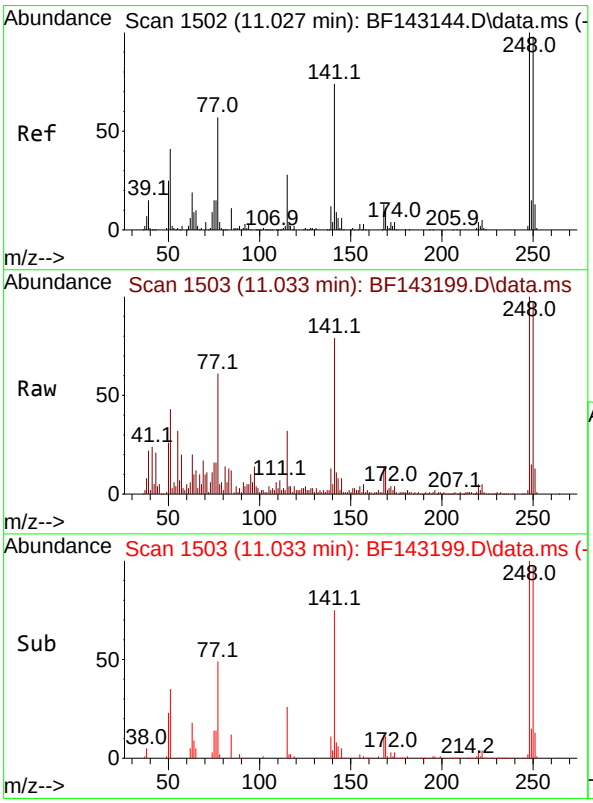
Ion	Ratio	Lower	Upper
169	100		
168	64.9	52.1	78.1
167	34.8	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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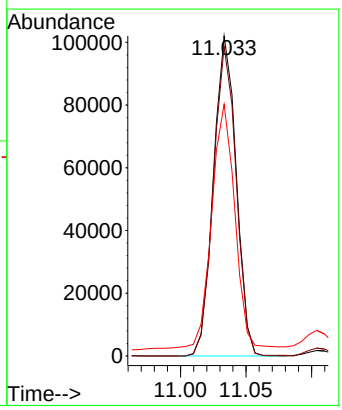
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

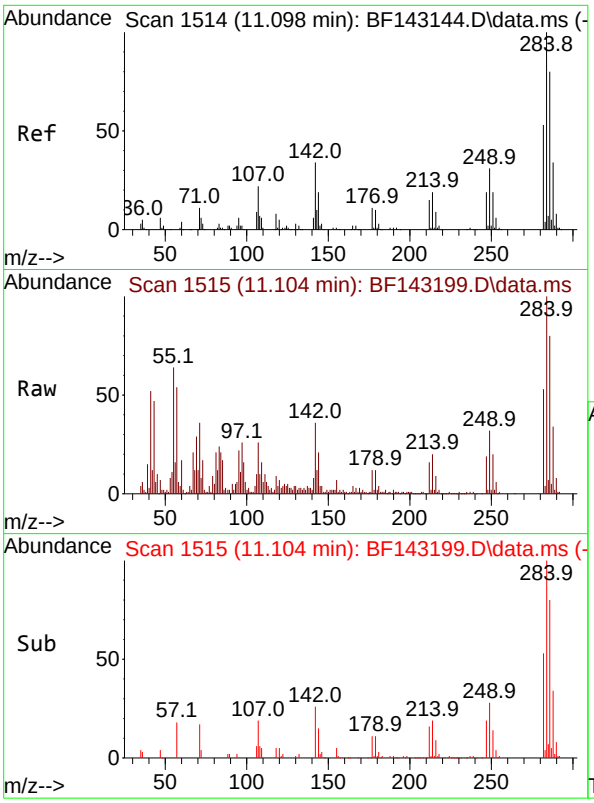


#67
4-Bromophenyl-phenylether
Concen: 37.814 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:248 Resp: 123252

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	78.6	59.2	88.8

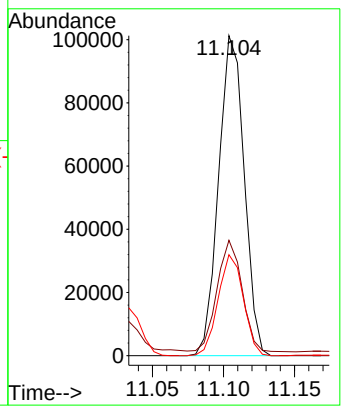




#68
Hexachlorobenzene
Concen: 37.183 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:284 Resp: 12667

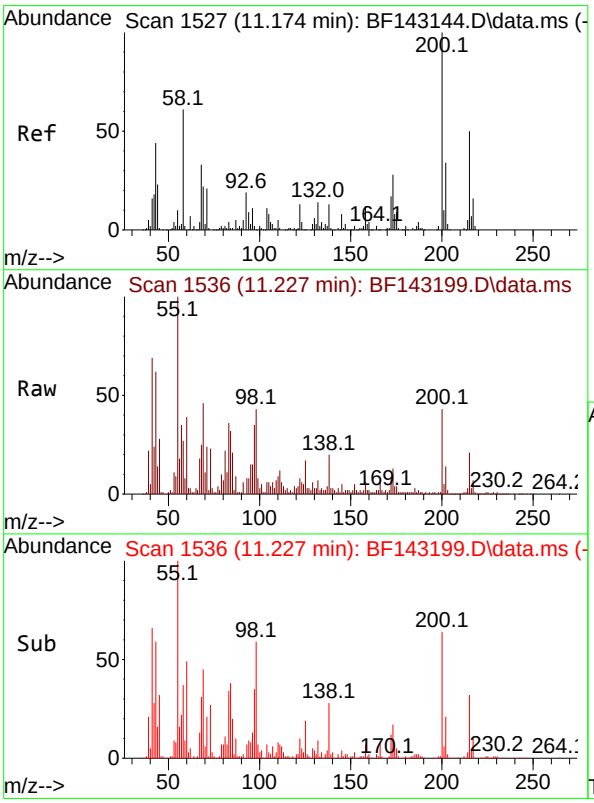
Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.6	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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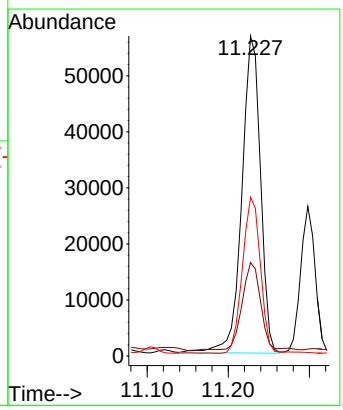
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

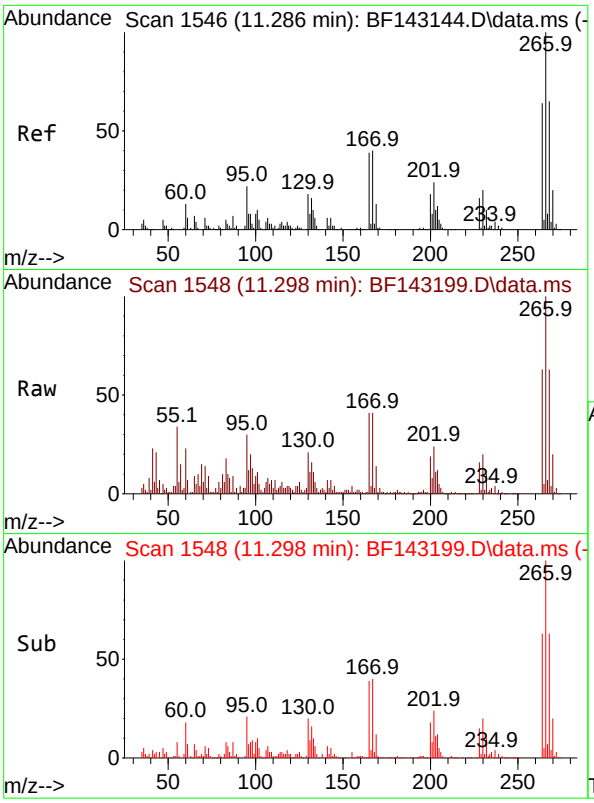


#69
Atrazine
Concen: 33.915 ng
RT: 11.227 min Scan# 1536
Delta R.T. 0.053 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:200 Resp: 90049

Ion	Ratio	Lower	Upper
200	100		
173	29.2	7.9	47.9
215	49.6	30.1	70.1

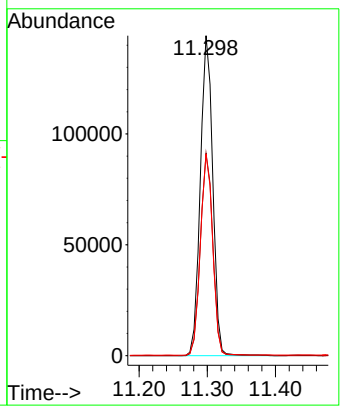




#70
Pentachlorophenol
Concen: 91.211 ng
RT: 11.298 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:266 Resp: 18273

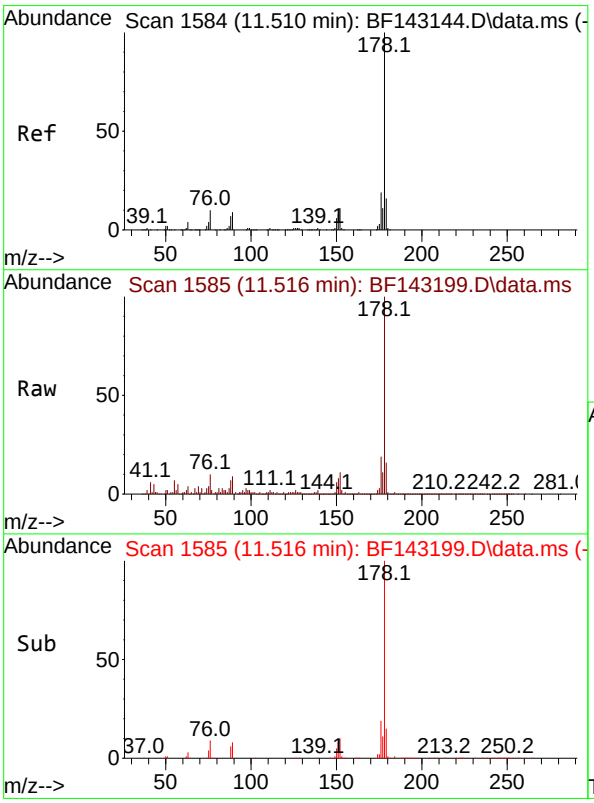
Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	63.0	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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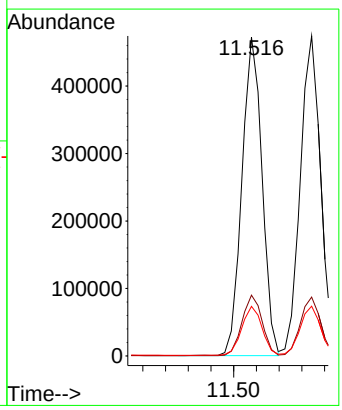
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

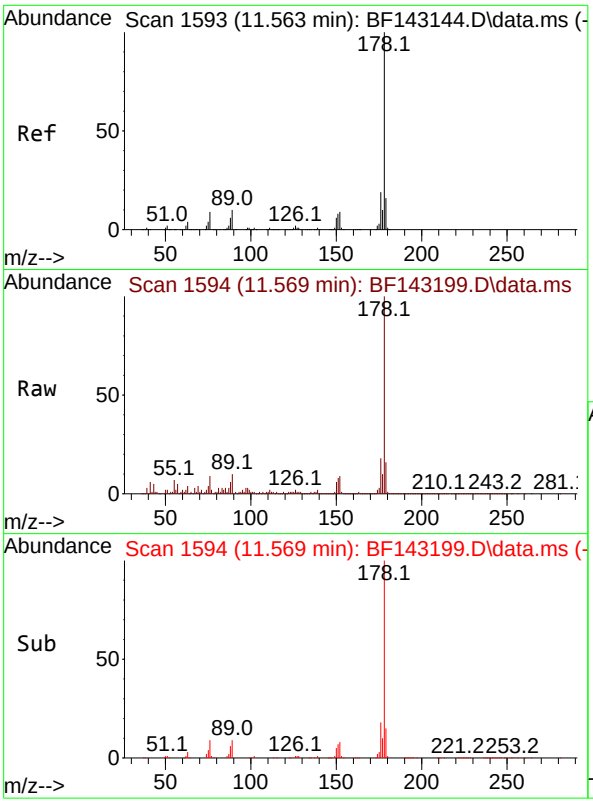


#71
Phenanthrene
Concen: 39.993 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:178 Resp: 580774

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

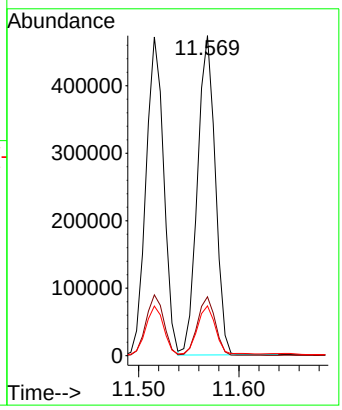




#72
Anthracene
Concen: 39.452 ng
RT: 11.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:178 Resp: 58431

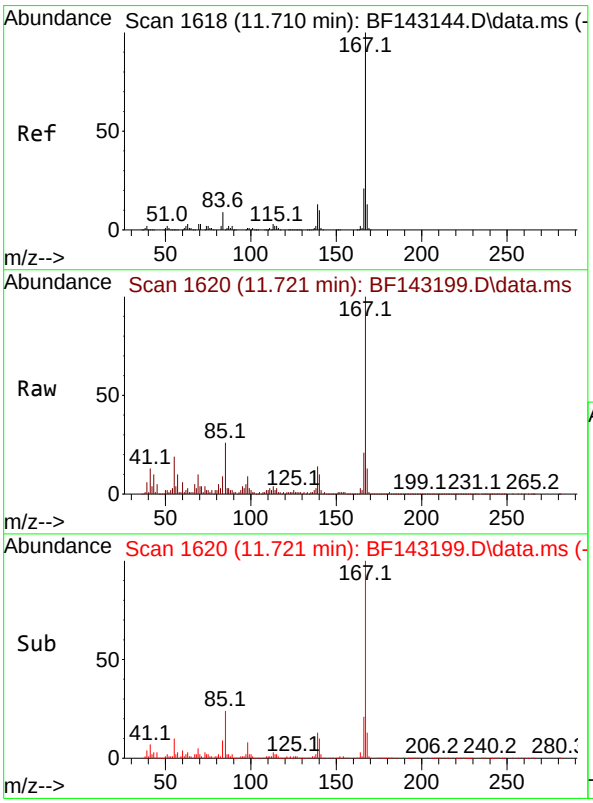
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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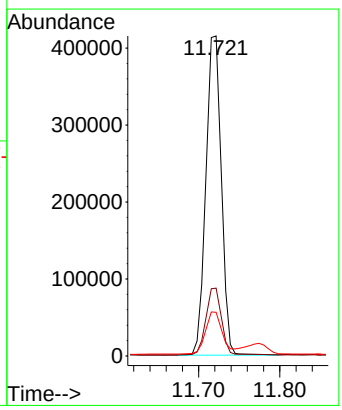
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

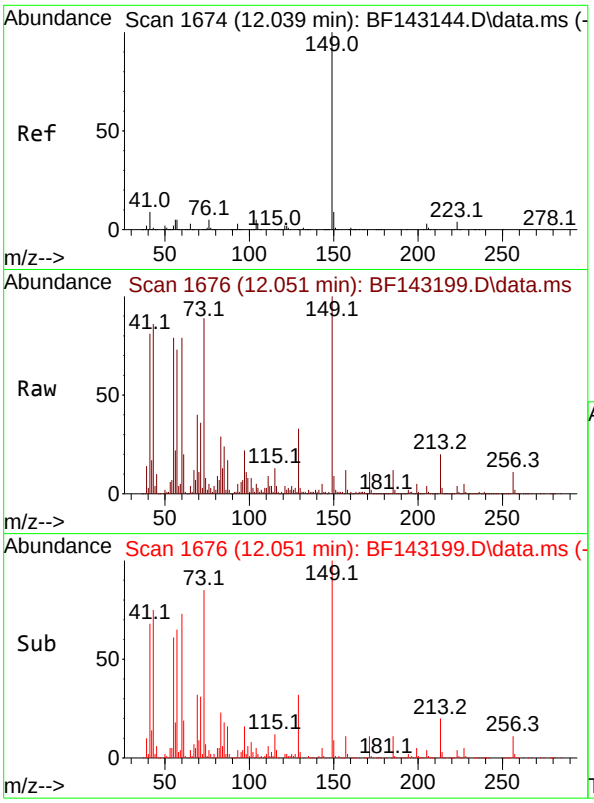


#73
Carbazole
Concen: 42.231 ng
RT: 11.721 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:167 Resp: 546164

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.7	10.0	15.0

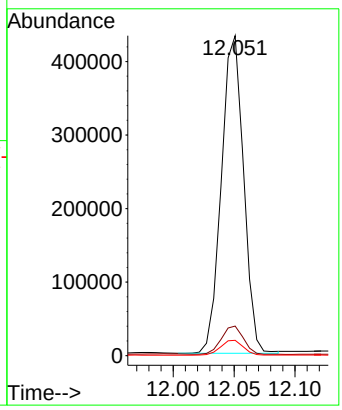




#74
Di-n-butylphthalate
Concen: 37.497 ng
RT: 12.051 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 54871

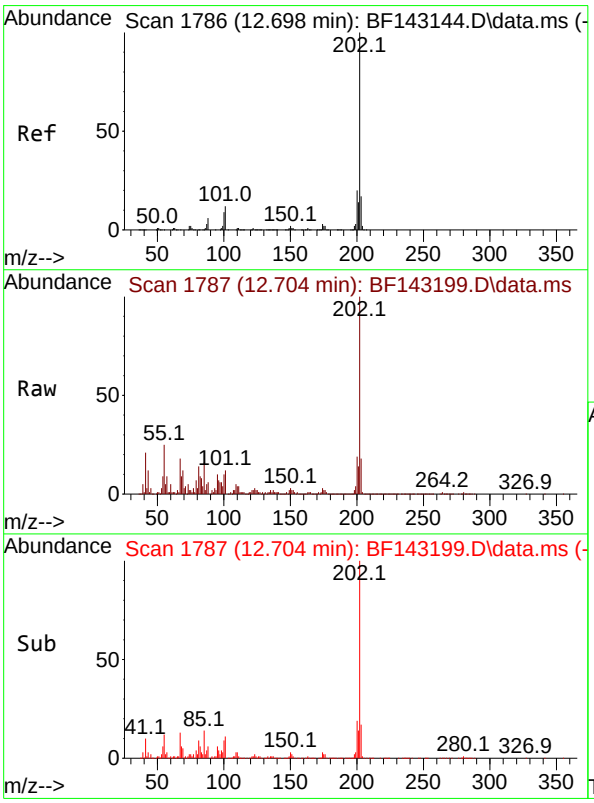
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
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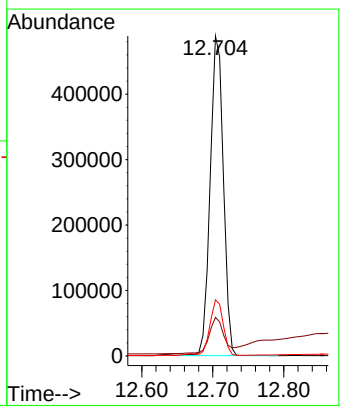
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

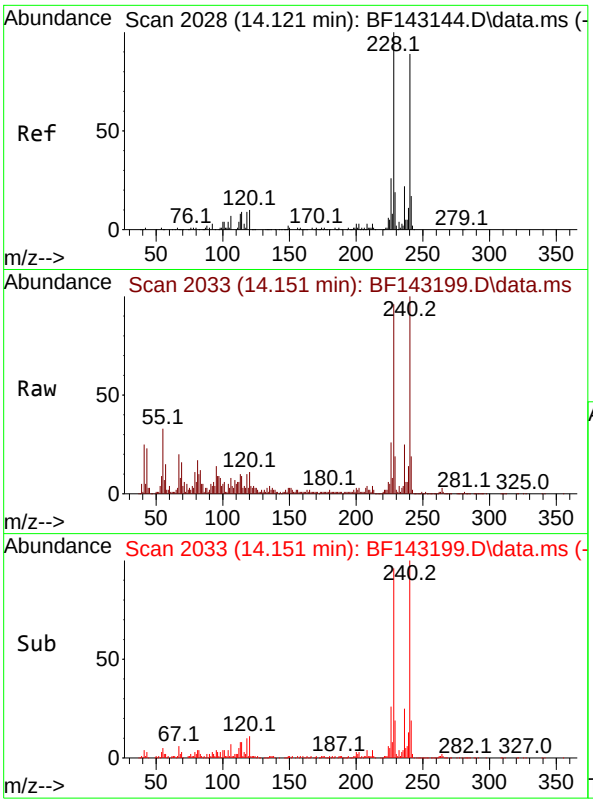


#75
Fluoranthene
Concen: 47.268 ng
RT: 12.704 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:202 Resp: 630057

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.6	0.0	37.4

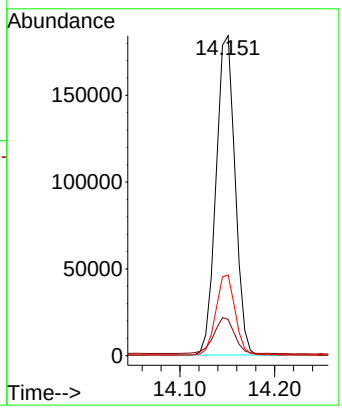




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:240 Resp: 25685

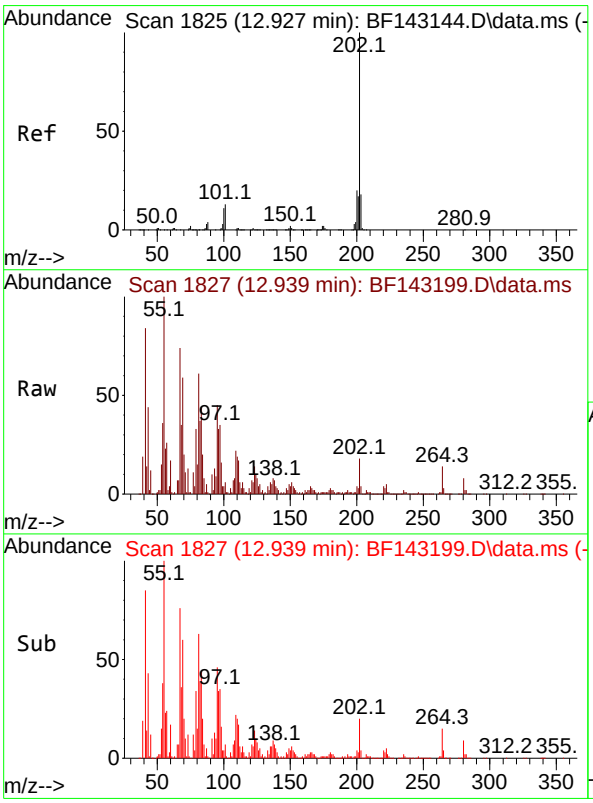
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.2	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

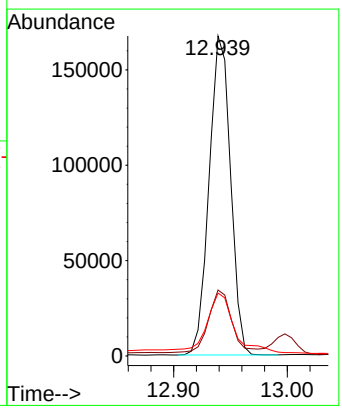
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

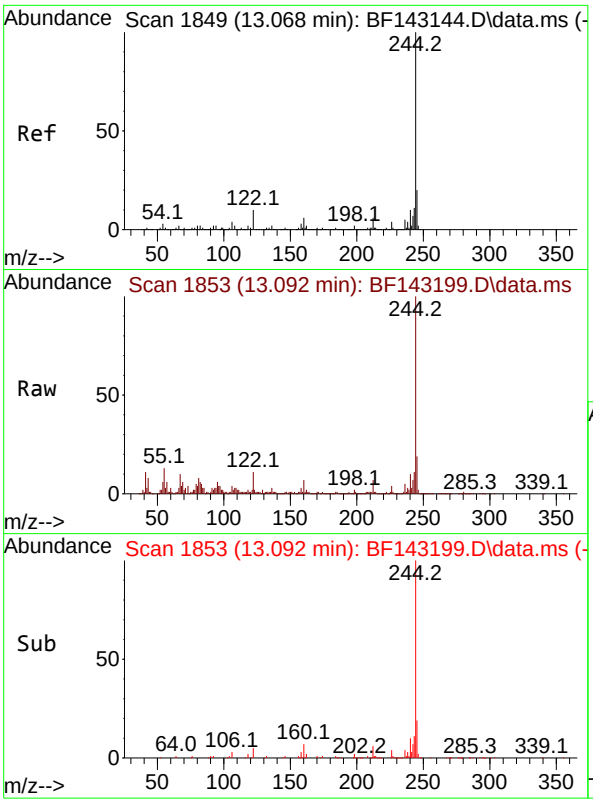


#78
Pyrene
Concen: 9.998 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:202 Resp: 219163

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.7	23.5
203	19.7	14.2	21.2

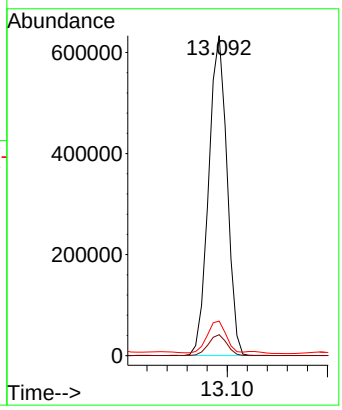




#79
Terphenyl-d14
Concen: 46.752 ng
RT: 13.092 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:244 Resp: 80695

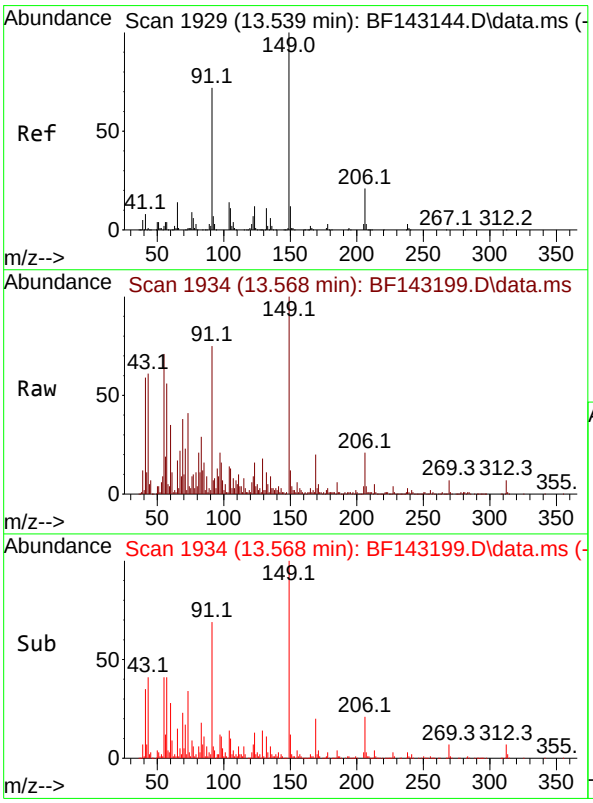
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.8	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

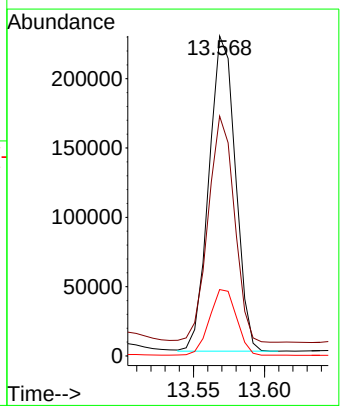
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

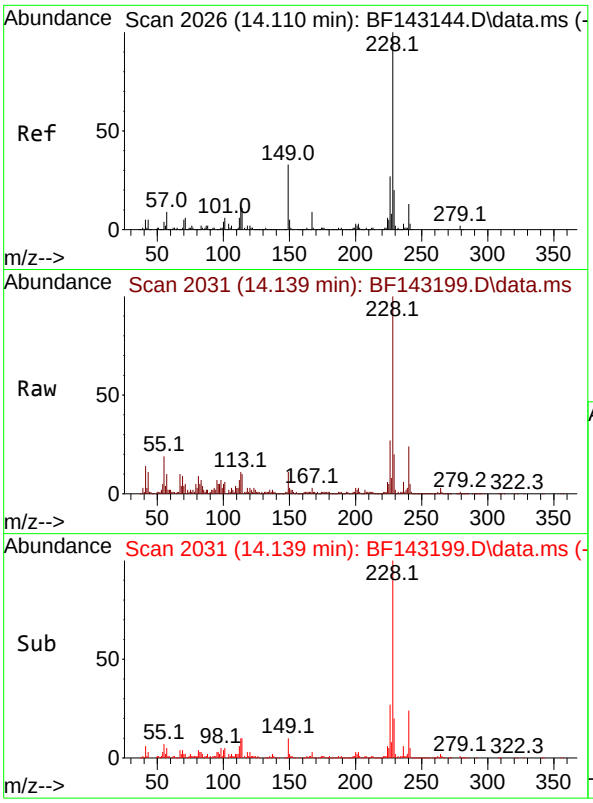


#80
Butylbenzylphthalate
Concen: 43.959 ng
RT: 13.568 min Scan# 1934
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 295074

Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.9	86.9
206	20.8	17.0	25.4

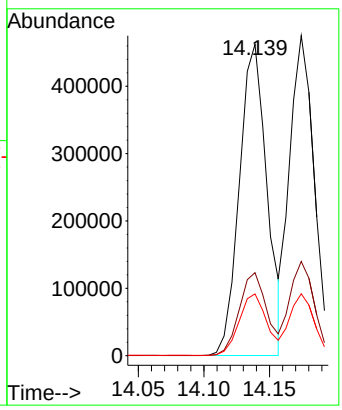




#81
Benzo(a)anthracene
Concen: 39.404 ng
RT: 14.139 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:228 Resp: 67760

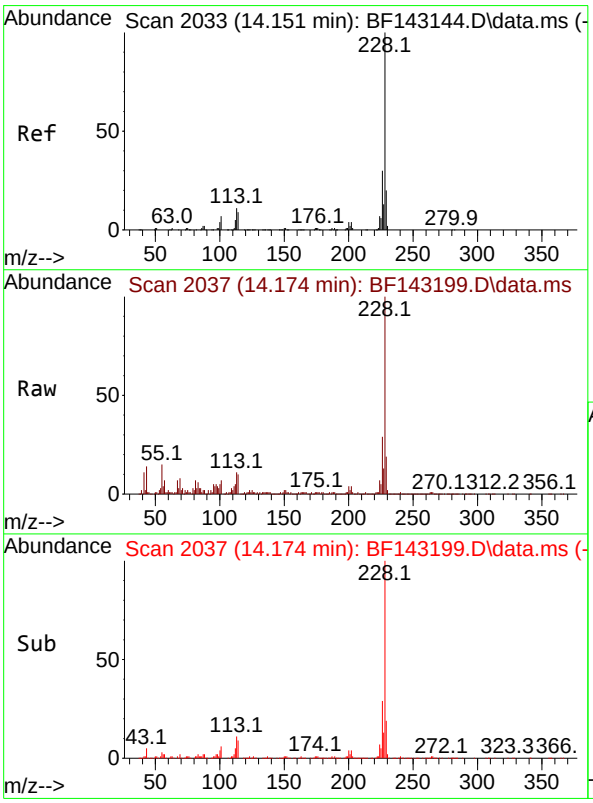
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

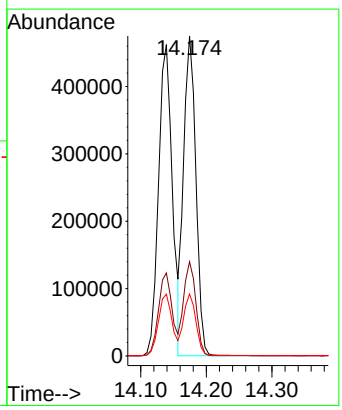
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

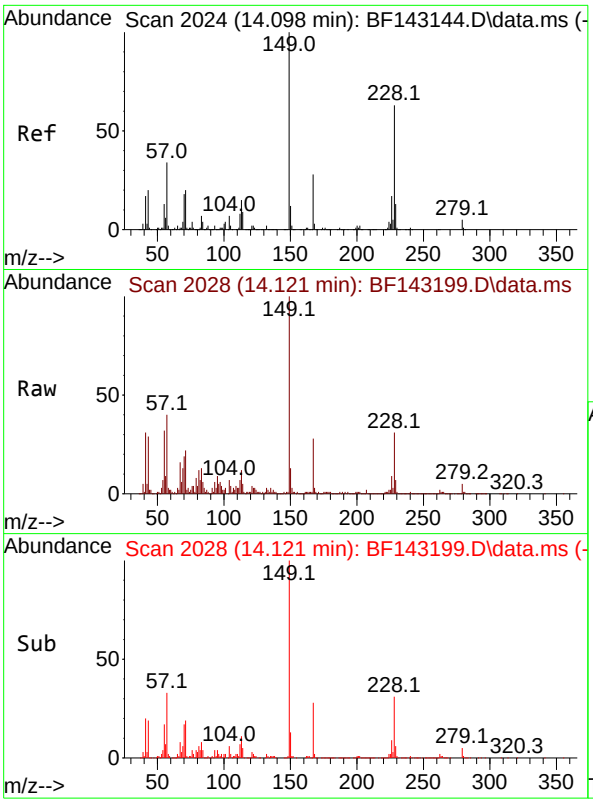


#83
Chrysene
Concen: 39.784 ng
RT: 14.174 min Scan# 2037
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:228 Resp: 615094

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.3	15.6	23.4

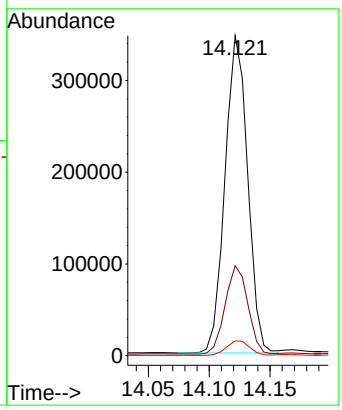




#84
Bis(2-ethylhexyl)phthalate
Concen: 43.966 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 44669

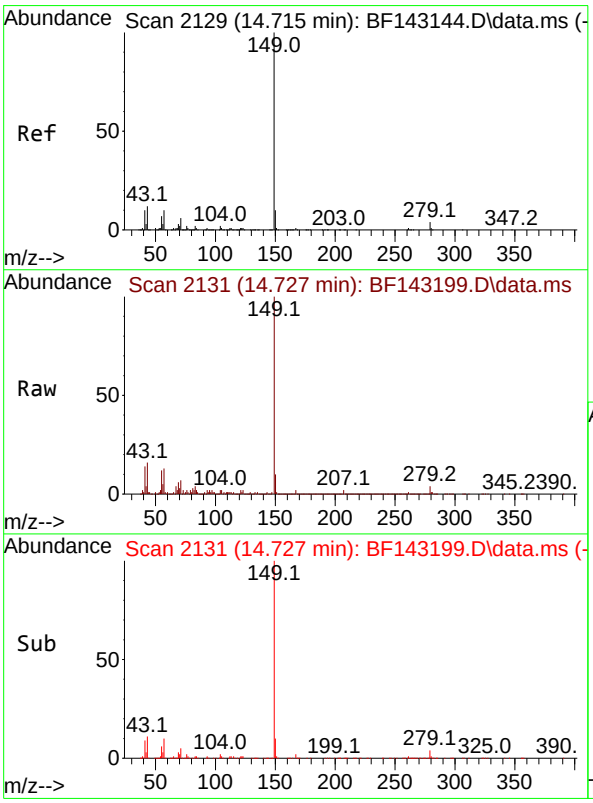
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.6	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

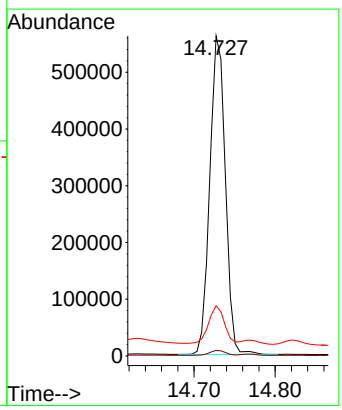
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

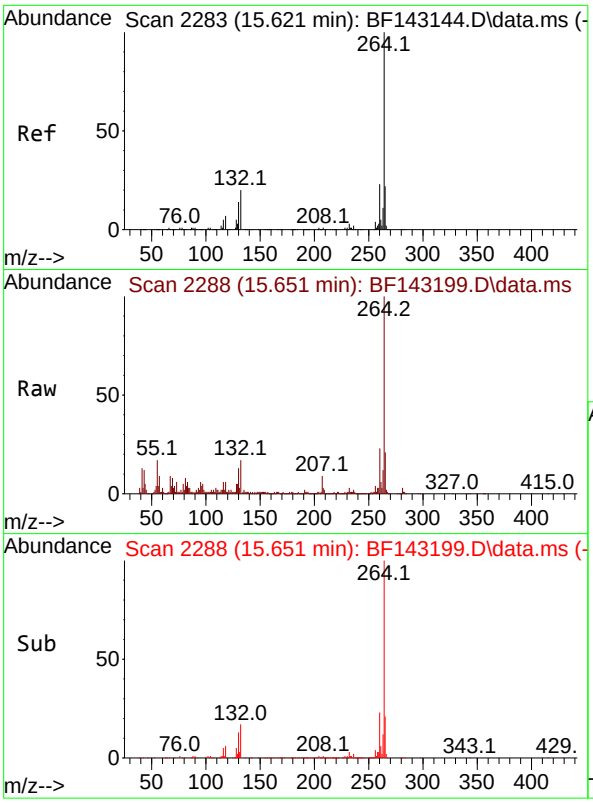


#85
Di-n-octyl phthalate
Concen: 40.493 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 745738

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.7	9.7	14.5

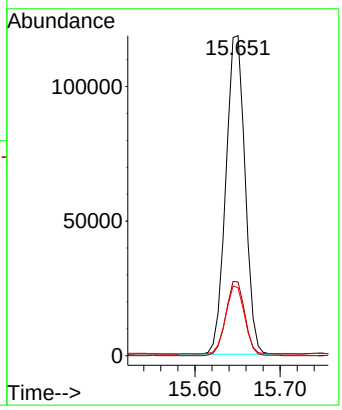




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:264 Resp: 18528

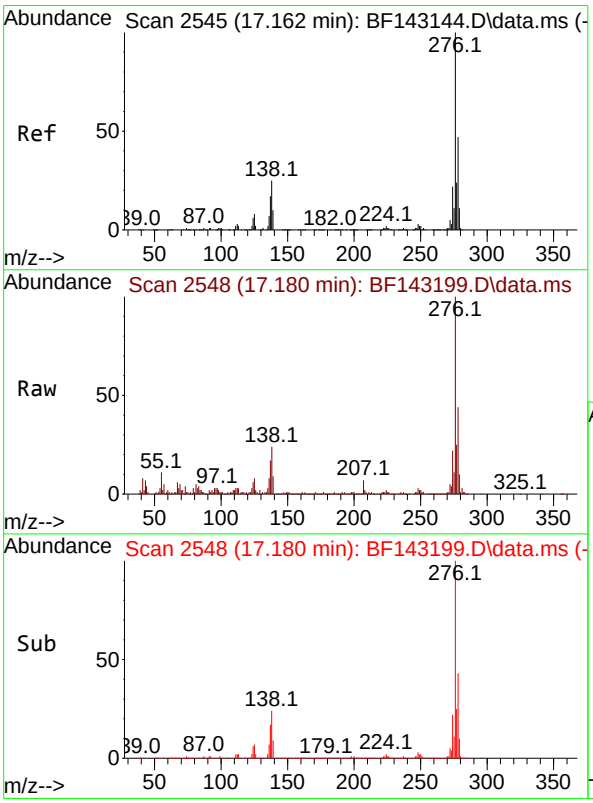
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.2	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

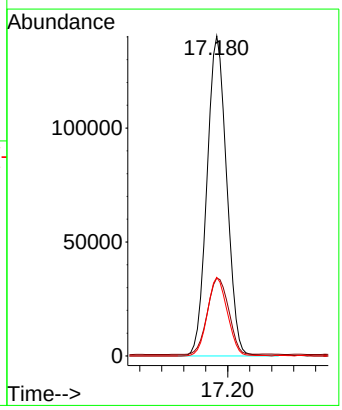
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

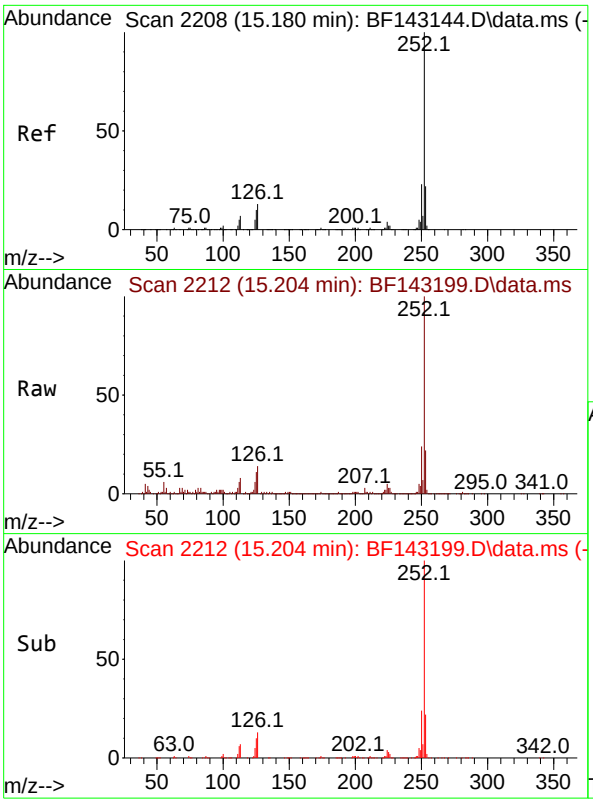


#87
Indeno(1,2,3-cd)pyrene
Concen: 26.702 ng
RT: 17.180 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:276 Resp: 348870

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.8	32.6
277	24.9	20.0	30.0

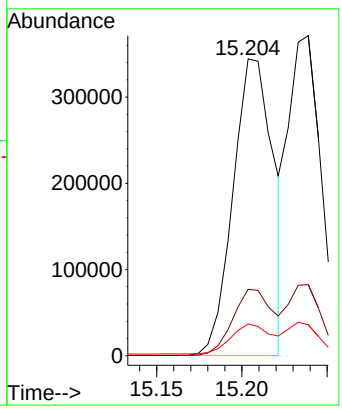




#88
Benzo(b)fluoranthene
Concen: 49.920 ng
RT: 15.204 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:252 Resp: 56505

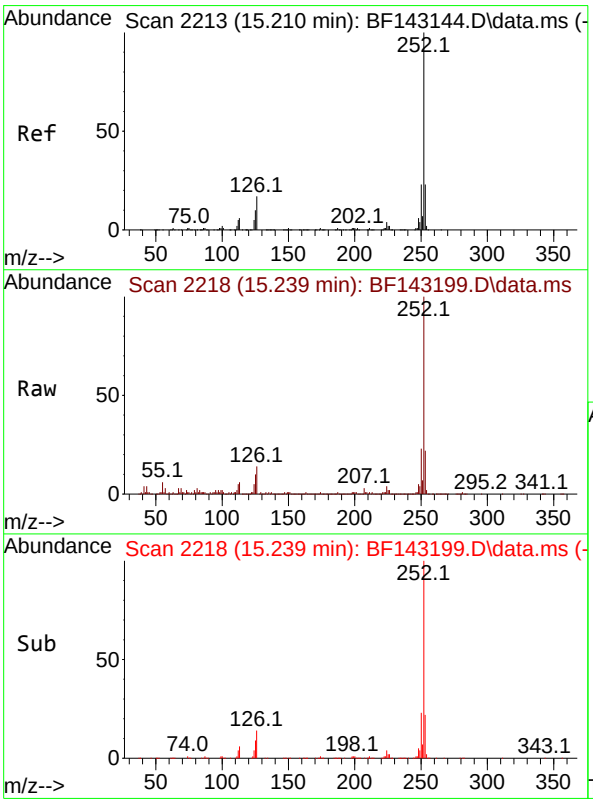
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.7	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

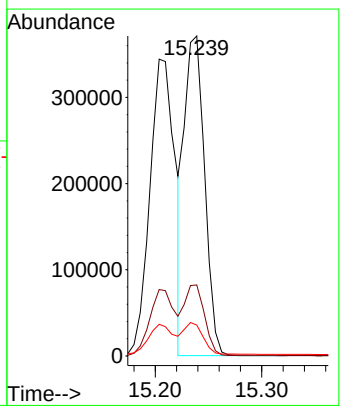
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

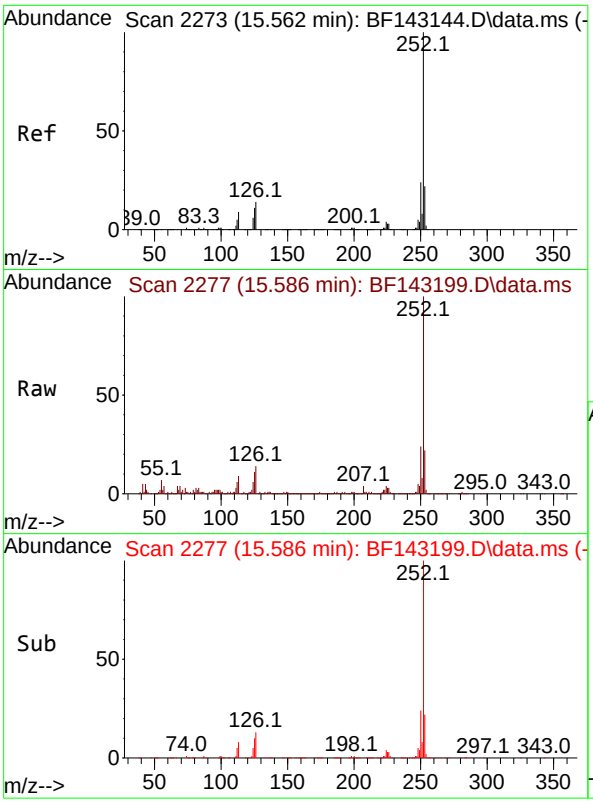


#89
Benzo(k)fluoranthene
Concen: 48.735 ng
RT: 15.239 min Scan# 2218
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:252 Resp: 492257

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	8.1	12.1

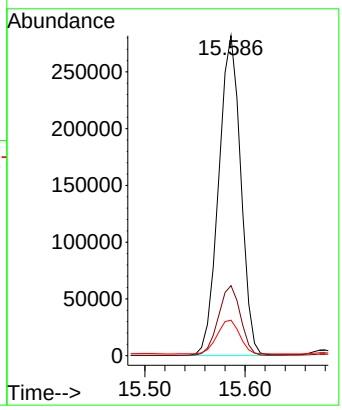




#90
Benzo(a)pyrene
Concen: 41.215 ng
RT: 15.586 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:252 Resp: 42983

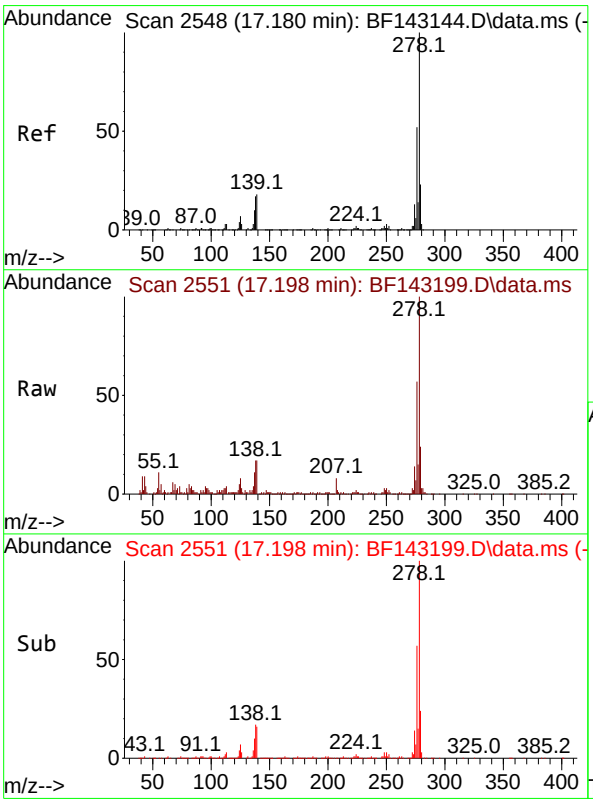
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.1	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

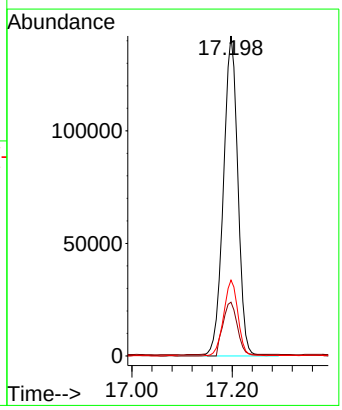
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

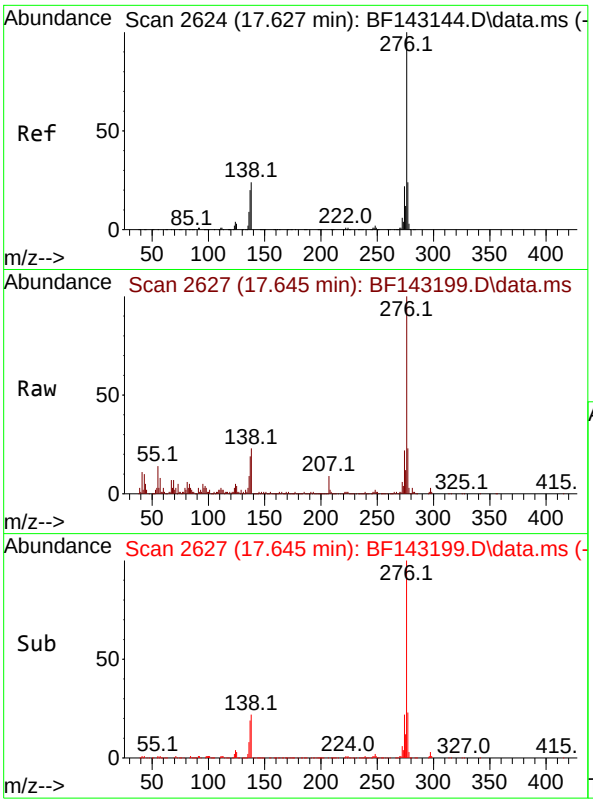


#91
Dibenzo(a,h)anthracene
Concen: 26.854 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:278 Resp: 285570

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.1	21.1
279	23.7	18.6	28.0

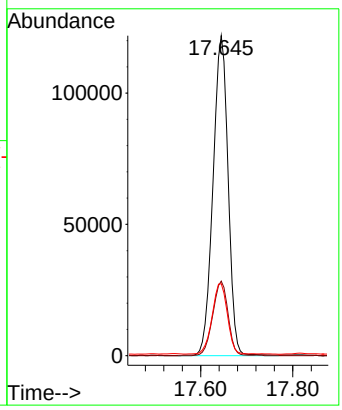




#92
Benzo(g,h,i)perylene
Concen: 26.941 ng
RT: 17.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:276 Resp: 27713

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	22.5	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	07/18/25
Project:	RFP 905A	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD	SDG No.:	Q2641
Lab Sample ID:	Q2646-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	760		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	360		6.50	50.0	ug/L
98-95-3	Nitrobenzene	360		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	390		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	380		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	420		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	420		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	380		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	960	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.3		23 - 138	54%	SPK: 150
13127-88-3	Phenol-d6	62.4		10 - 134	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.7		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		44 - 137	74%	SPK: 150
1718-51-0	Terphenyl-d14	50.5		42 - 152	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	103000	6.987			
1146-65-2	Naphthalene-d8	359000	8.269			
15067-26-2	Acenaphthene-d10	161000	10.01			
1517-22-2	Phenanthrene-d10	271000	11.492			
1719-03-5	Chrysene-d12	252000	14.151			
1520-96-3	Perylene-d12	152000	15.651			

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	07/18/25
Project:	RFP 905A			Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD			SDG No.:	Q2641
Lab Sample ID:	Q2646-03MSD			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

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\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	103435	20.000	ng		0.02
21) Naphthalene-d8	8.269	136	358963	20.000	ng		0.02
39) Acenaphthene-d10	10.010	164	160601	20.000	ng		0.01
64) Phenanthrene-d10	11.492	188	270710	20.000	ng		0.00
76) Chrysene-d12	14.151	240	252211	20.000	ng		0.03
86) Perylene-d12	15.651	264	152378	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	524551	80.252	ng		0.20
7) Phenol-d6	6.675	99	513323	62.394	ng		0.09
23) Nitrobenzene-d5	7.545	82	516027	71.658	ng		0.02
42) 2,4,6-Tribromophenol	10.798	330	183973	110.887	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	888433	75.656	ng		0.00
79) Terphenyl-d14	13.092	244	856096	50.512	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	115793	37.439	ng	#	44
4) n-Nitrosodimethylamine	3.581	42	165712	39.982	ng	#	54
6) Aniline	6.722	93	164620	14.357	ng	#	55
8) 2-Chlorophenol	6.798	128	153843	22.454	ng		92
9) Benzaldehyde	6.557	77	133576	21.652	ng		98
10) Phenol	6.687	94	228748	25.522	ng		95
11) bis(2-Chloroethyl)ether	6.722	93	164620	23.989	ng		94
12) 1,3-Dichlorobenzene	6.934	146	242524	32.585	ng		99
13) 1,4-Dichlorobenzene	7.004	146	270486	36.087	ng		99
14) 1,2-Dichlorobenzene	7.157	146	202665	28.428	ng		99
15) Benzyl Alcohol	7.251	79	560378	89.206	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1590555	124.945	ng		82
17) 2-Methylphenol	7.275	107	439726	76.331	ng	#	81
18) Hexachloroethane	7.498	117	94180	36.296	ng		97
19) n-Nitroso-di-n-propyla...	7.410	70	189587	35.918	ng		94
20) 3+4-Methylphenols	7.504	107	364374m	52.132	ng		
22) Acetophenone	7.404	105	359522	42.304	ng	#	96
24) Nitrobenzene	7.569	77	244395	36.402	ng		99
25) Isophorone	7.881	82	497065	39.100	ng		99
26) 2-Nitrophenol	7.881	139	132838	45.589	ng		95
27) 2,4-Dimethylphenol	7.951	122	213236	35.902	ng		98
28) bis(2-Chloroethoxy)met...	8.022	93	299334	39.272	ng		97
29) 2,4-Dichlorophenol	8.157	162	172713	34.481	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	201757	37.284	ng		99
31) Naphthalene	8.286	128	700722	39.637	ng		100
32) Benzoic acid	8.175	122	231757	66.975	ng		97
33) 4-Chloroaniline	8.286	127	90646	12.557	ng	#	35
34) Hexachlorobutadiene	8.404	225	128243	38.795	ng		98
35) Caprolactam	8.792	113	70195m	46.376	ng		
36) 4-Chloro-3-methylphenol	8.816	107	193269	35.500	ng		99
37) 2-Methylnaphthalene	8.975	142	413694	38.456	ng		99
38) 1-Methylnaphthalene	9.075	142	407705	36.804	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	196497	42.378	ng		99
41) Hexachlorocyclopentadiene	9.128	237	145110	48.098	ng		100
43) 2,4,6-Trichlorophenol	9.251	196	120729	37.622	ng		99
44) 2,4,5-Trichlorophenol	9.298	196	136183	42.425	ng	#	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.433	154	534837	42.684	ng		99
47) 2-Chloronaphthalene	9.457	162	379988	40.985	ng		99
48) 2-Nitroaniline	9.551	65	132243	45.484	ng		98
49) Acenaphthylene	9.869	152	613481	39.484	ng		100
50) Dimethylphthalate	9.728	163	434559	41.511	ng		99
51) 2,6-Dinitrotoluene	9.780	165	95659	44.919	ng		99
52) Acenaphthene	10.045	154	383896	41.804	ng		99
53) 3-Nitroaniline	9.963	138	7585	3.045	ng	#	90
54) 2,4-Dinitrophenol	10.051	184	45245	49.636	ng		93
55) Dibenzofuran	10.216	168	551145	40.423	ng		100
56) 4-Nitrophenol	10.122	139	169940	91.363	ng		95
57) 2,4-Dinitrotoluene	10.186	165	113332	42.418	ng	#	96
58) Fluorene	10.557	166	434047	42.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	113718m	42.767	ng		
60) Diethylphthalate	10.422	149	504664	48.774	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	208242	40.869	ng		98
62) 4-Nitroaniline	10.563	138	26507	12.416	ng		92
63) Azobenzene	10.704	77	411429	38.152	ng		98
65) 4,6-Dinitro-2-methylph...	10.592	198	35210	27.426	ng		84
66) n-Nitrosodiphenylamine	10.663	169	342043	35.882	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	123959	38.423	ng		95
68) Hexachlorobenzene	11.104	284	129142	38.298	ng		96
69) Atrazine	11.233	200	90228	34.333	ng		99
70) Pentachlorophenol	11.304	266	189494	95.559	ng		100
71) Phenanthrene	11.516	178	609324	42.391	ng		100
72) Anthracene	11.569	178	607837	41.463	ng		100
73) Carbazole	11.722	167	582966	45.541	ng		99
74) Di-n-butylphthalate	12.051	149	578170	39.918	ng		100
75) Fluoranthene	12.710	202	672099	50.942	ng		100
78) Pyrene	12.945	202	235511	10.941	ng		98
80) Butylbenzylphthalate	13.574	149	314657	47.739	ng		99
81) Benzo(a)anthracene	14.139	228	719284	42.598	ng		100
83) Chrysene	14.180	228	616188	40.588	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	463985	46.508	ng		99
85) Di-n-octyl phthalate	14.733	149	673481	37.243	ng		99
87) Indeno(1,2,3-cd)pyrene	17.186	276	375905	34.985	ng		98
88) Benzo(b)fluoranthene	15.210	252	499143	53.620	ng		99
89) Benzo(k)fluoranthene	15.239	252	388170	46.729	ng		99
90) Benzo(a)pyrene	15.586	252	358088	41.751	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	308156	35.236	ng		99
92) Benzo(g,h,i)perylene	17.651	276	306624	36.245	ng		99

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

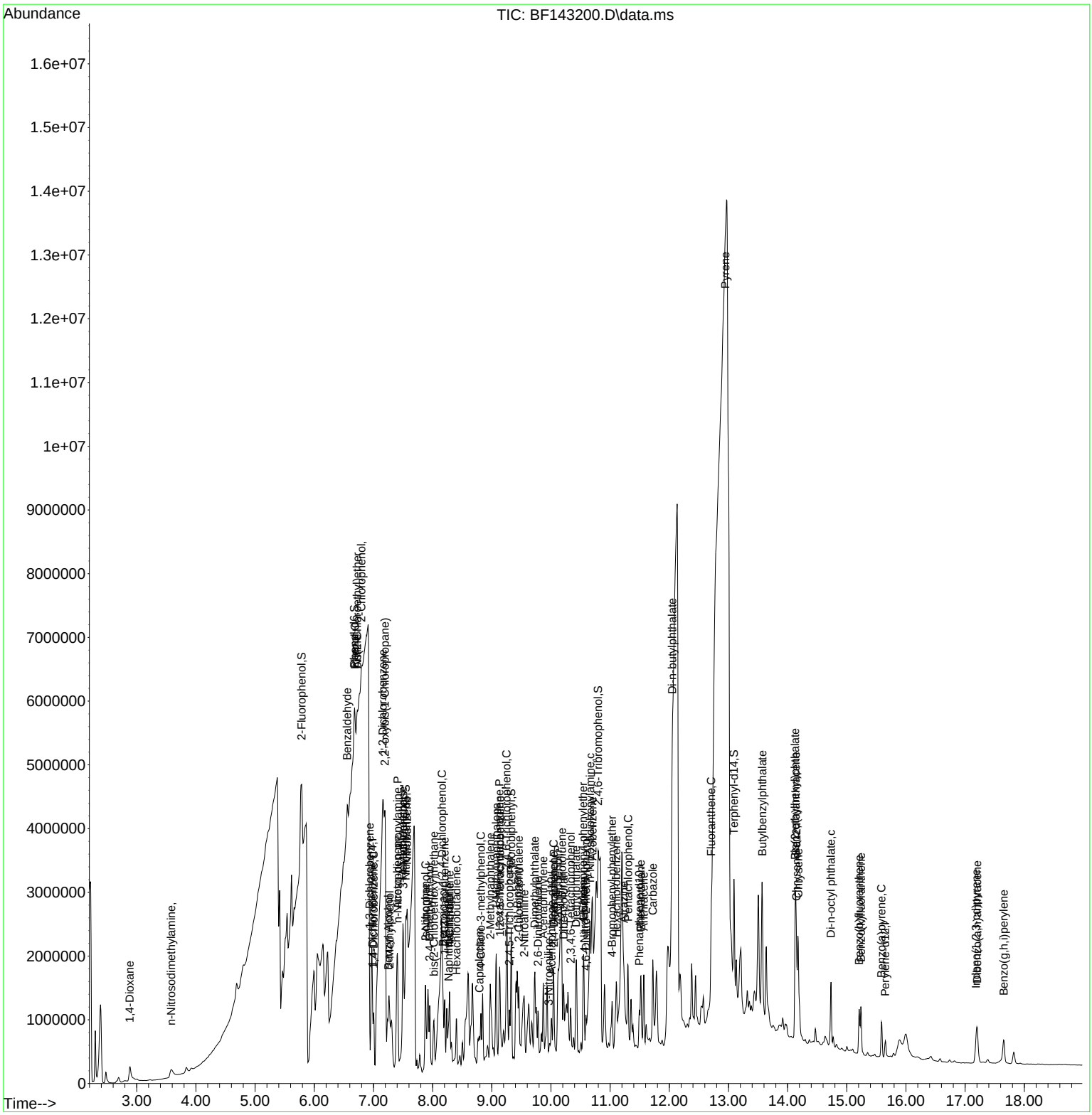
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143200.D
Acq On : 22 Jul 2025 20:49
Operator : RC/JU
Sample : Q2646-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

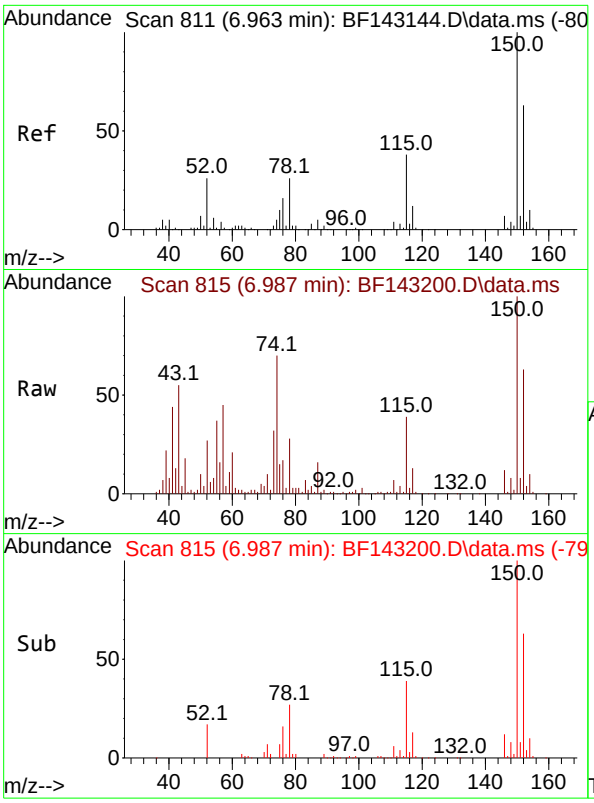
Quant Time: Jul 23 04:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

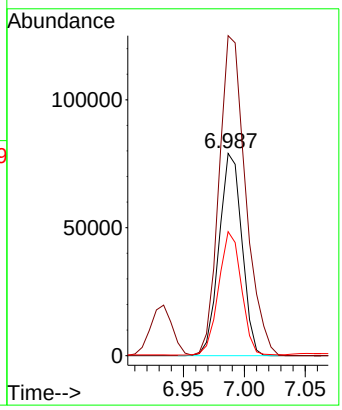




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:152 Resp: 10343

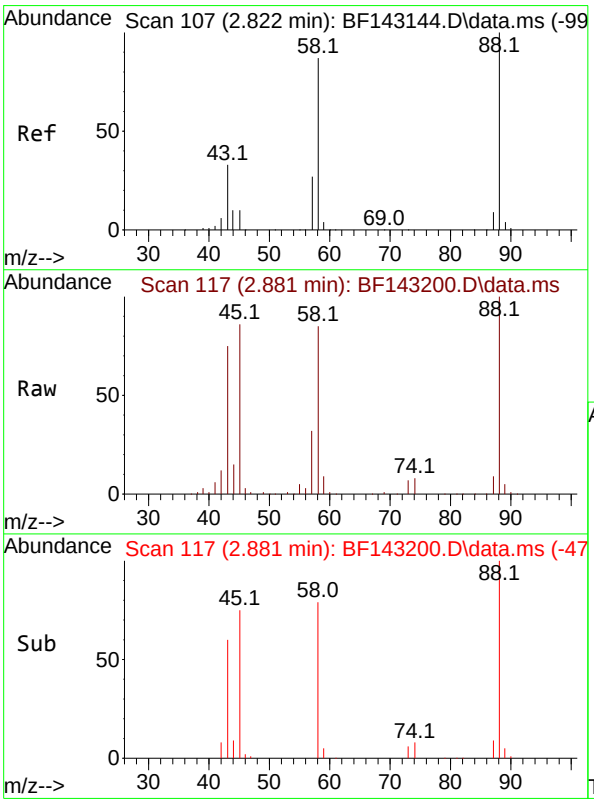
Ion	Ratio	Lower	Upper
152	100		
150	158.2	128.2	192.4
115	61.3	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

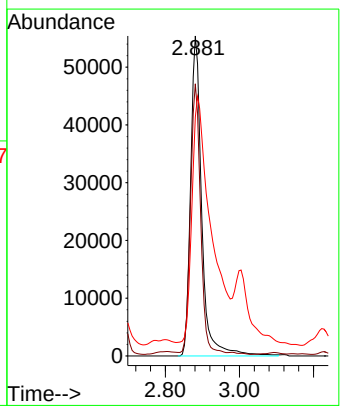
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

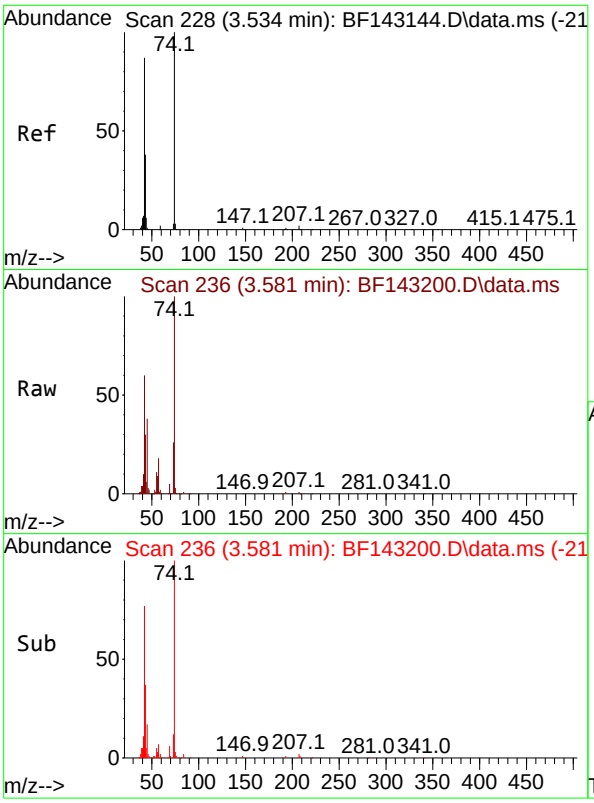


#2
1,4-Dioxane
Concen: 37.439 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.059 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 88 Resp: 115793

Ion	Ratio	Lower	Upper
88	100		
58	75.7	70.2	105.2
43	129.3	27.1	40.7#





#4
n-Nitrosodimethylamine
Concen: 39.982 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

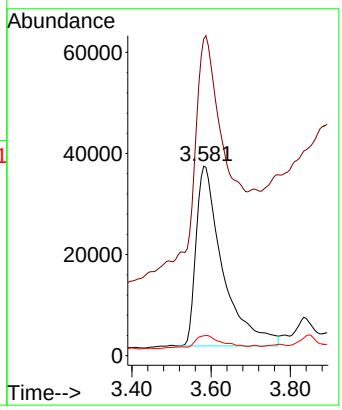
Tgt Ion: 42 Resp: 16571

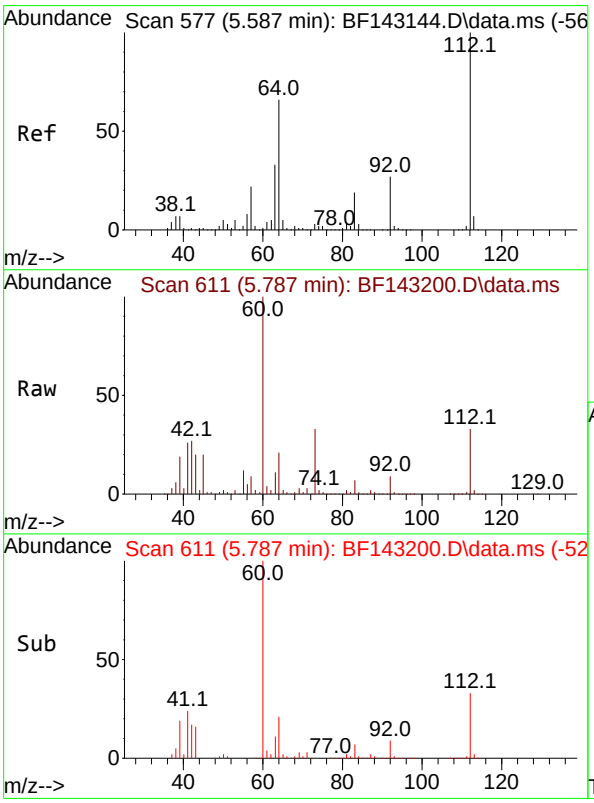
Ion	Ratio	Lower	Upper
42	100		
74	167.2	91.7	137.5#
44	10.5	5.6	8.4#

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

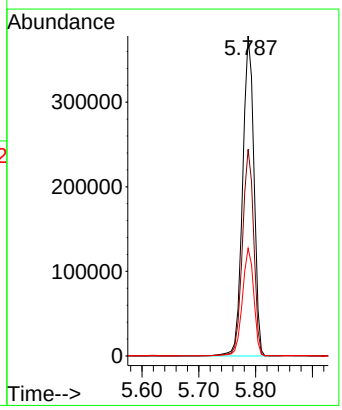


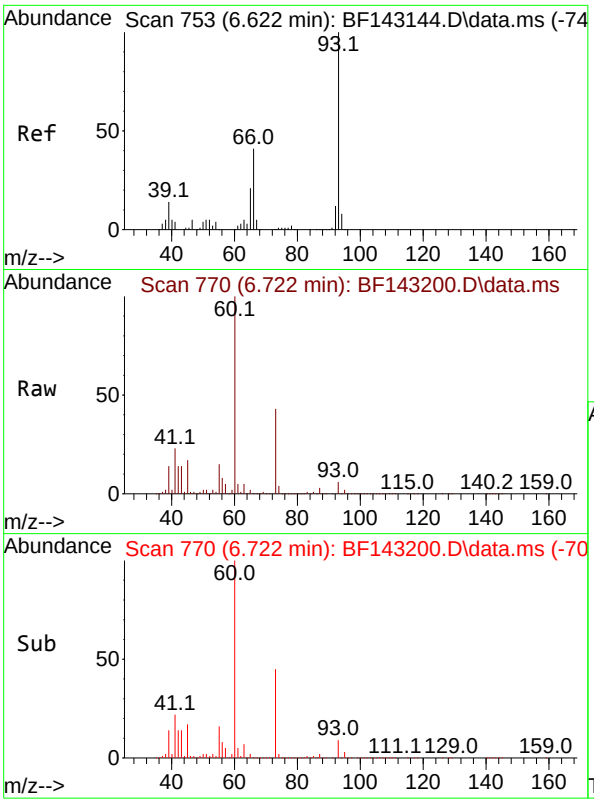


#5
2-Fluorophenol
Concen: 80.252 ng
RT: 5.787 min Scan# 611
Delta R.T. 0.200 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:112 Resp: 524551

Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	33.7	26.6	40.0

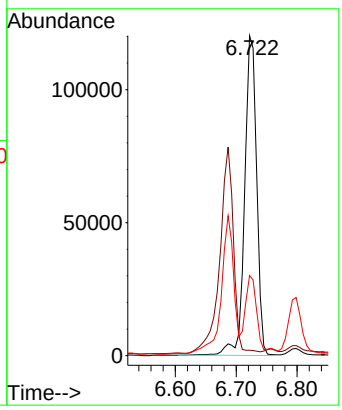




#6
Aniline
Concen: 14.357 ng
RT: 6.722 min Scan# 7
Delta R.T. 0.100 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 93 Resp: 16462

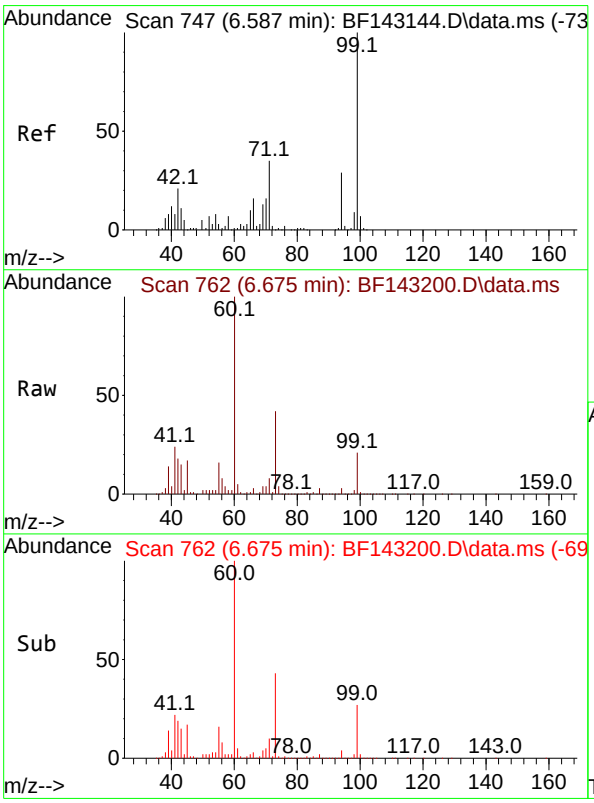
Ion	Ratio	Lower	Upper
93	100		
66	1.7	33.2	49.8#
65	25.1	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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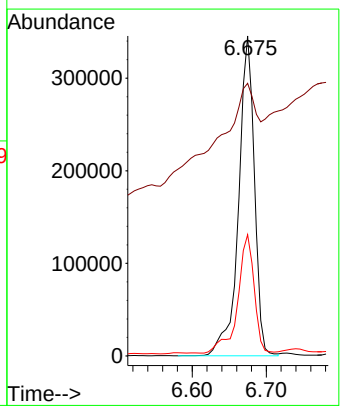
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

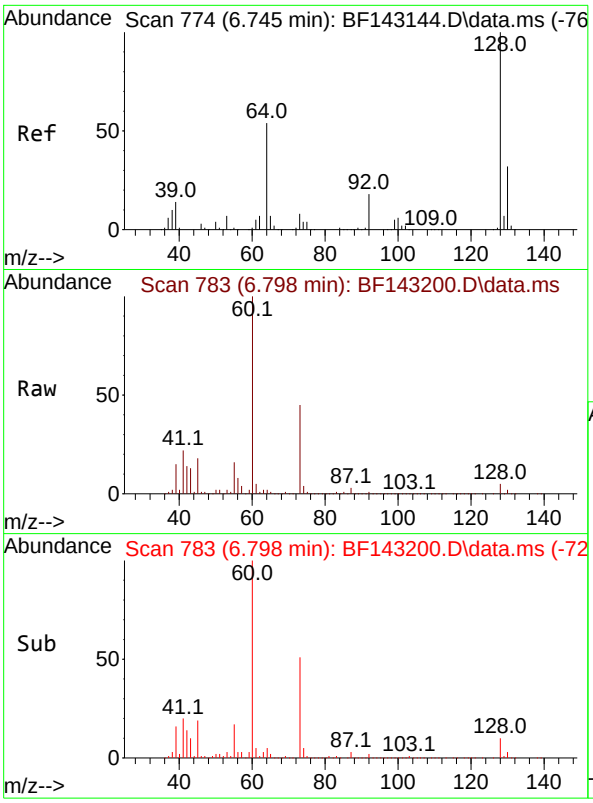


#7
Phenol-d6
Concen: 62.394 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.088 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 99 Resp: 513323

Ion	Ratio	Lower	Upper
99	100		
42	85.2	17.0	25.6#
71	37.9	27.7	41.5





#8
2-Chlorophenol
Concen: 22.454 ng
RT: 6.798 min Scan# 7
Delta R.T. 0.053 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

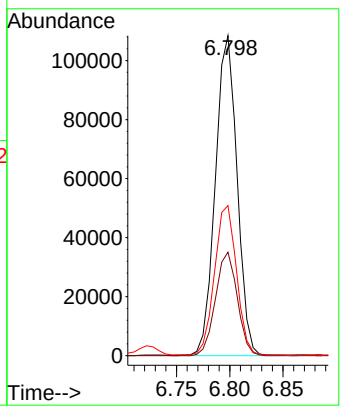
Tgt Ion:128 Resp: 15384

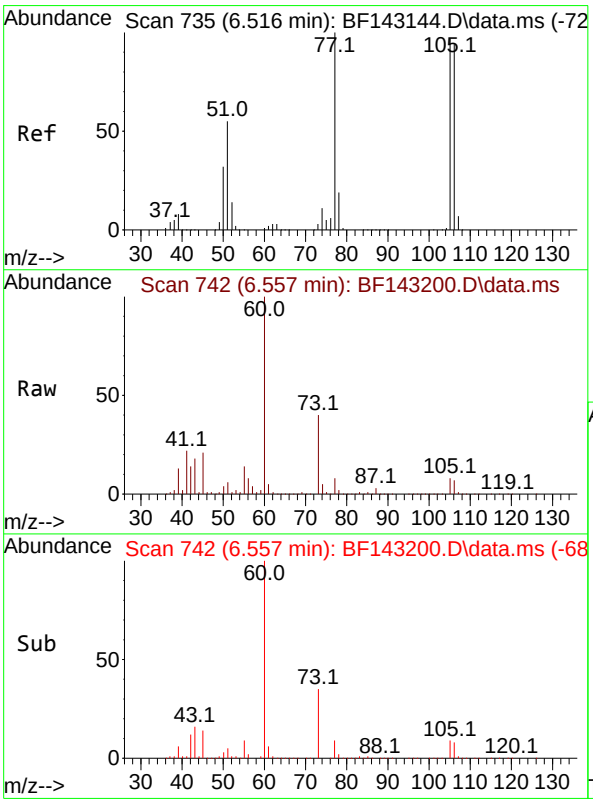
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	46.9	35.9	75.9

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

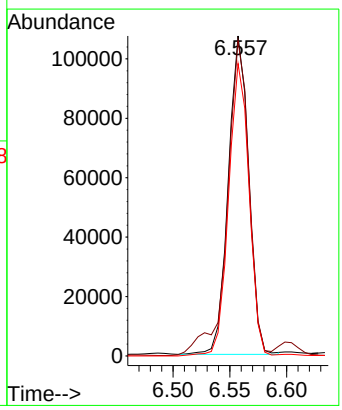


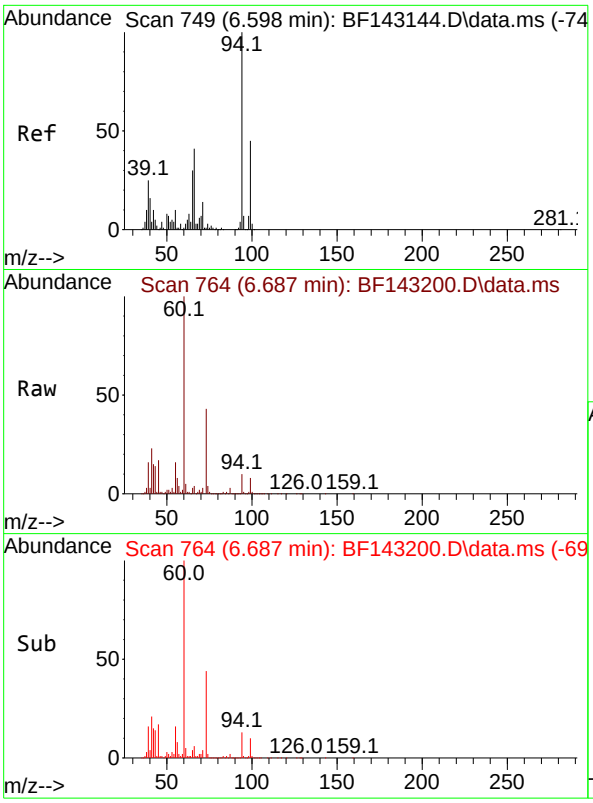


#9
Benzaldehyde
Concen: 21.652 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.041 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 77 Resp: 133576

Ion	Ratio	Lower	Upper
77	100		
105	98.5	76.8	116.8
106	91.4	74.4	114.4

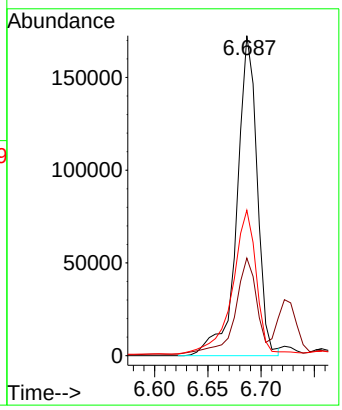




#10
Phenol
Concen: 25.522 ng
RT: 6.687 min Scan# 7
Delta R.T. 0.088 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 94 Resp: 22874

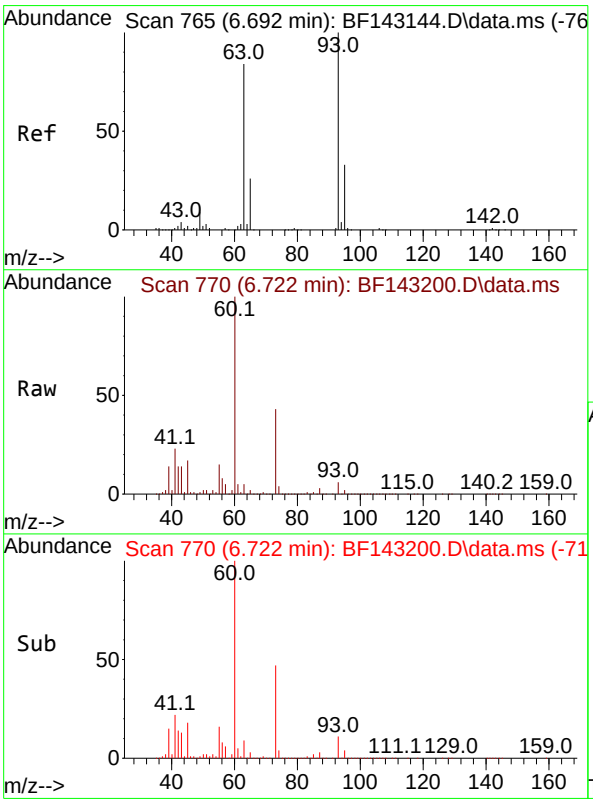
Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	45.4	20.8	60.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

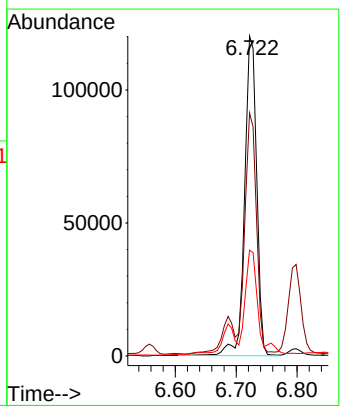
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

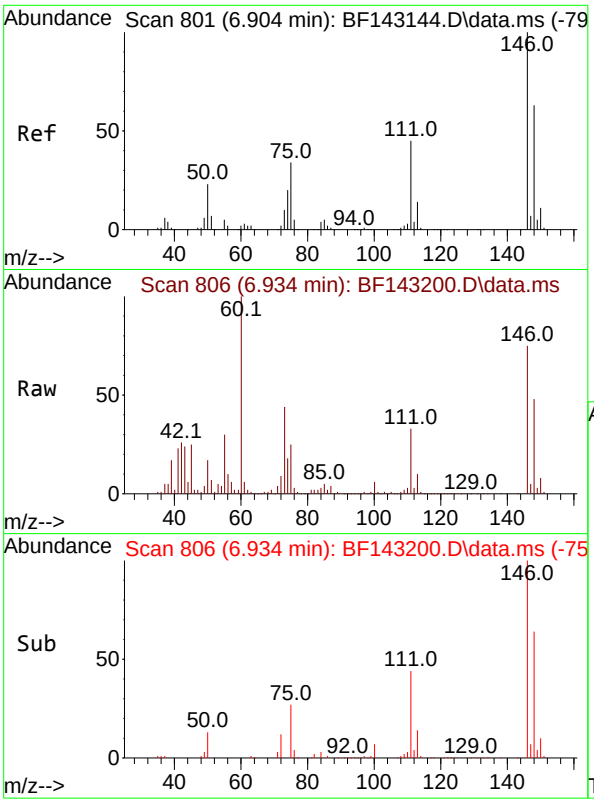


#11
bis(2-Chloroethyl)ether
Concen: 23.989 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 93 Resp: 164620

Ion	Ratio	Lower	Upper
93	100		
63	75.9	63.4	103.4
95	33.1	12.4	52.4

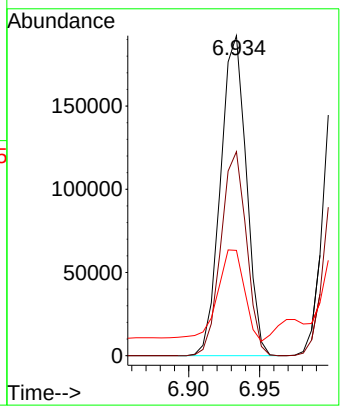




#12
1,3-Dichlorobenzene
Concen: 32.585 ng
RT: 6.934 min Scan# 8
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:146 Resp: 24252

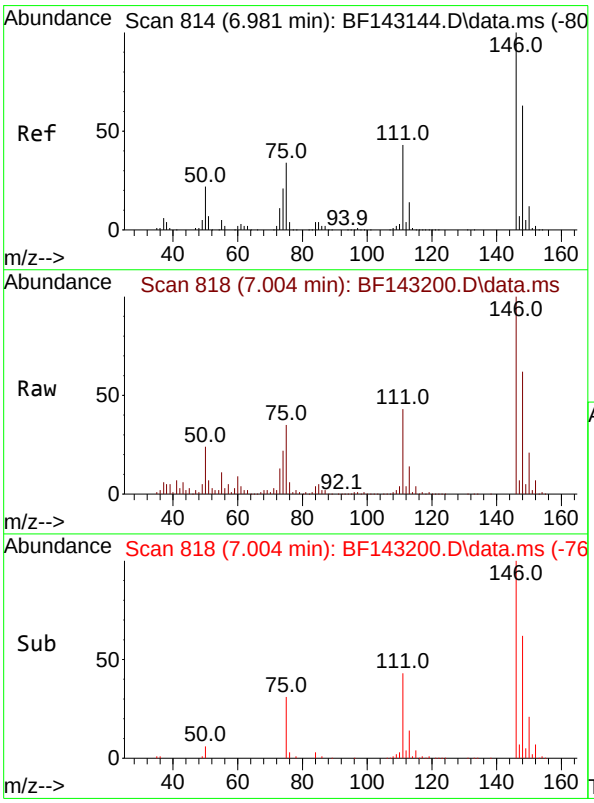
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
75	32.9	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

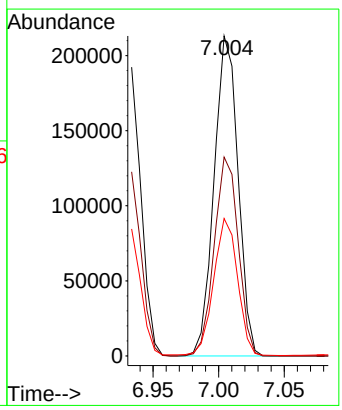
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

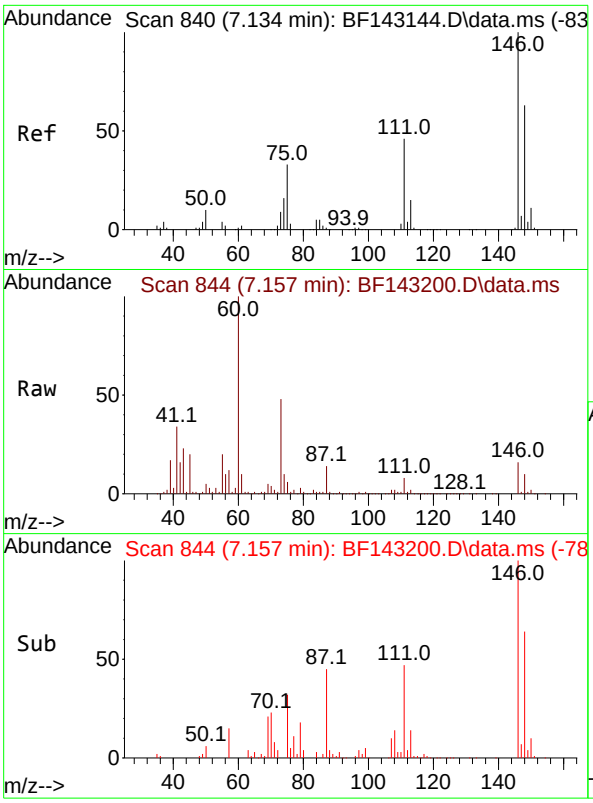


#13
1,4-Dichlorobenzene
Concen: 36.087 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:146 Resp: 270486

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.3	75.5
111	42.9	34.4	51.6

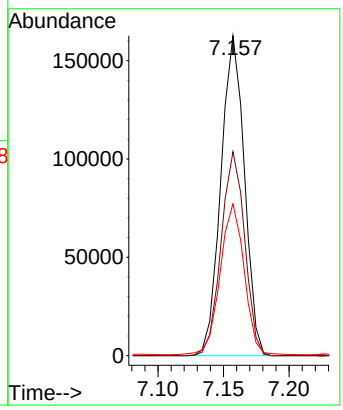




#14
1,2-Dichlorobenzene
Concen: 28.428 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:146 Resp: 20266

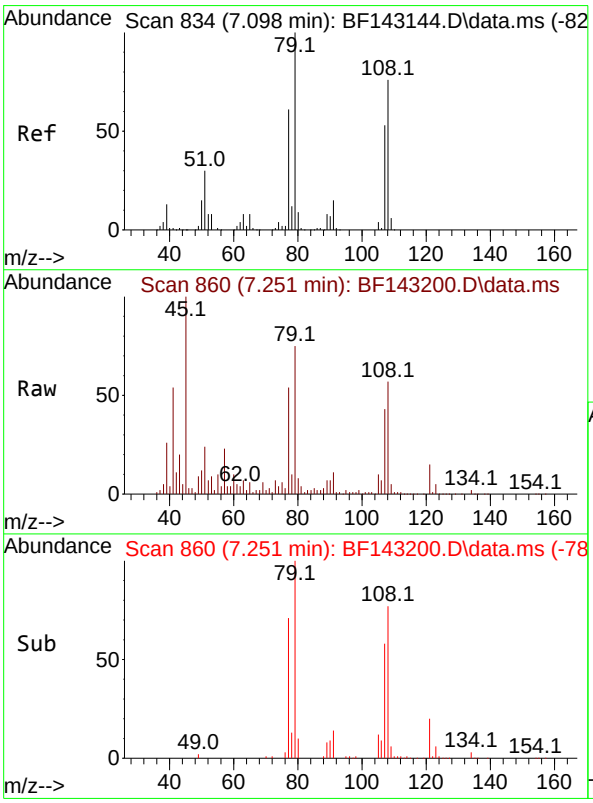
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	47.5	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

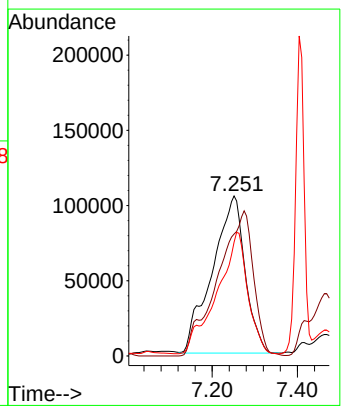
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

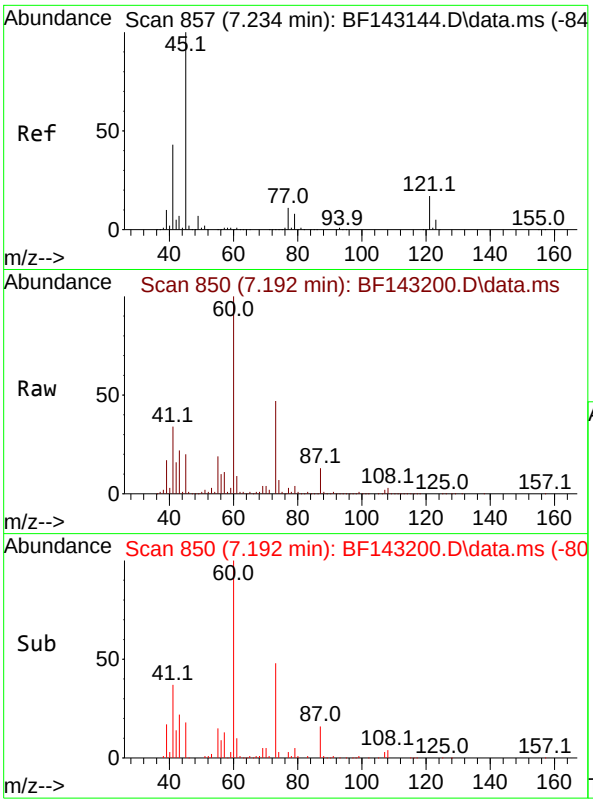


#15
Benzyl Alcohol
Concen: 89.206 ng
RT: 7.251 min Scan# 860
Delta R.T. 0.153 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 79 Resp: 560378

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	71.2	48.9	73.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 124.945 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.041 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

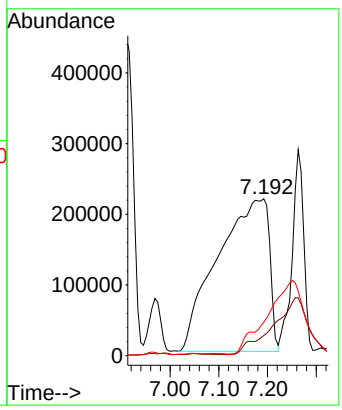
Tgt Ion: 45 Resp: 159055

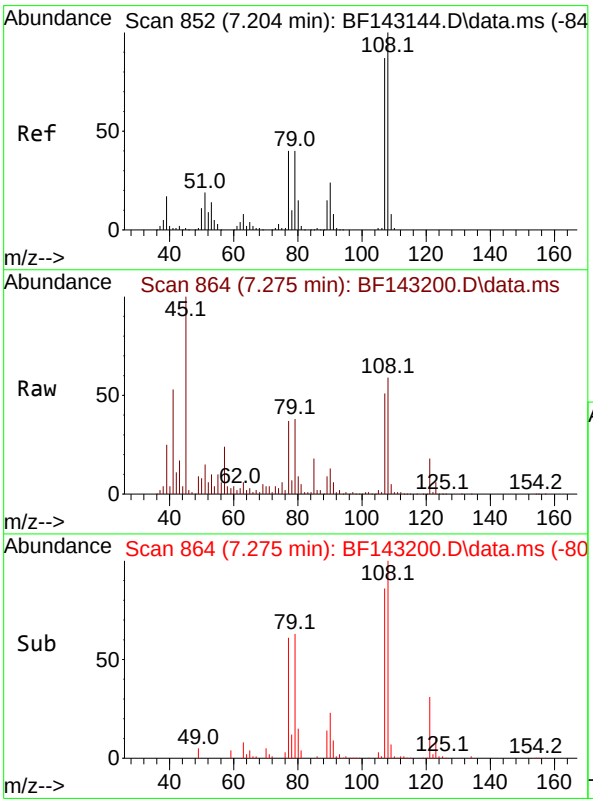
Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	31.2
79	21.4	0.0	28.5

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

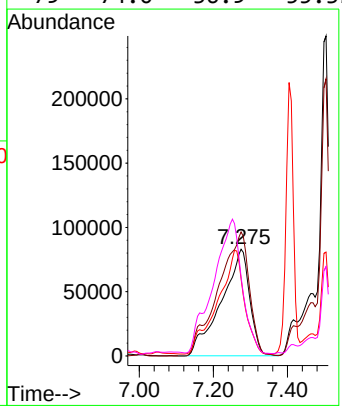


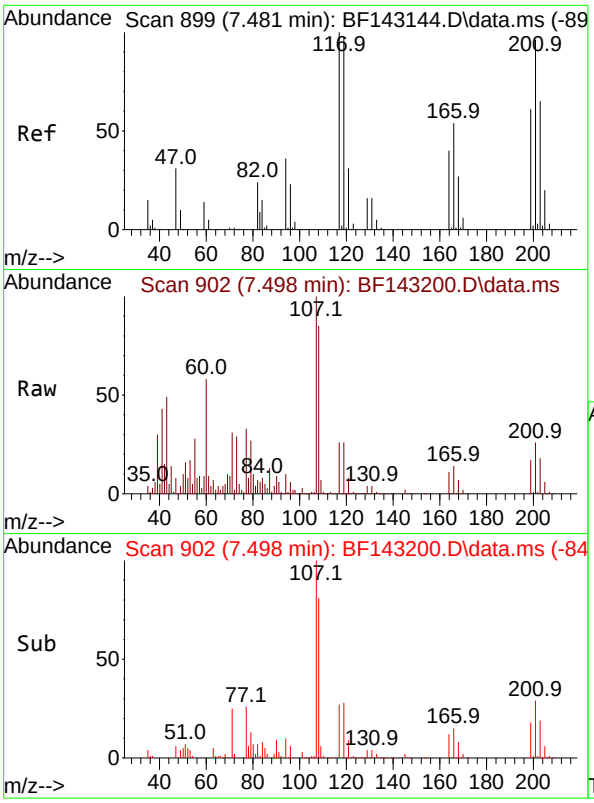


#17
2-Methylphenol
Concen: 76.331 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.071 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:107 Resp: 439726

Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.8	137.6
77	72.2	37.0	55.6#
79	74.0	36.9	55.3#

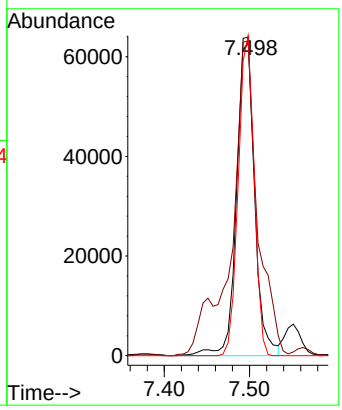




#18
Hexachloroethane
Concen: 36.296 ng
RT: 7.498 min Scan# 9
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:117 Resp: 9418

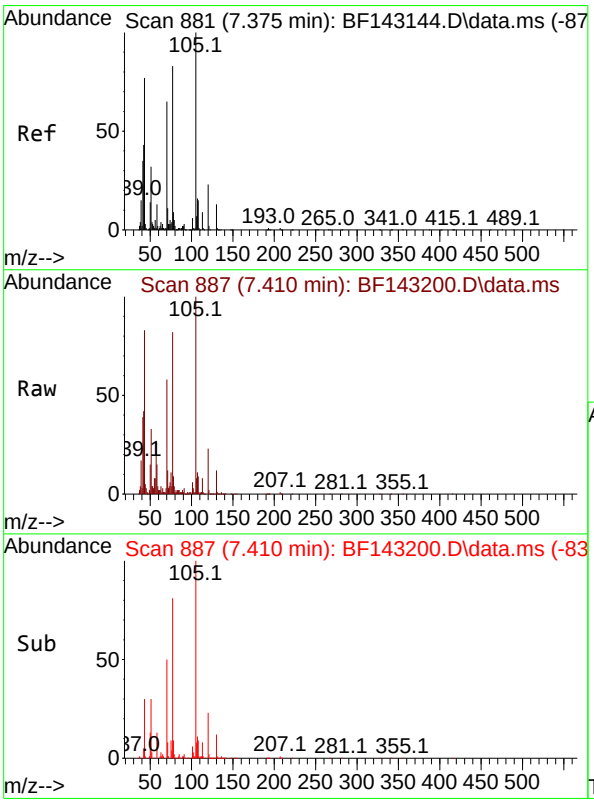
Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.8	116.8
201	100.5	77.0	115.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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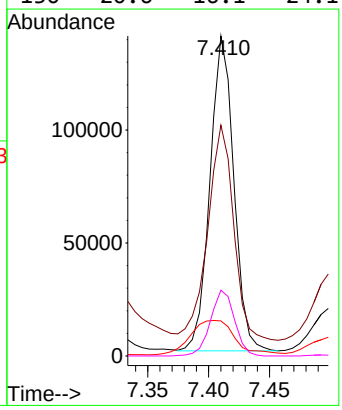
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

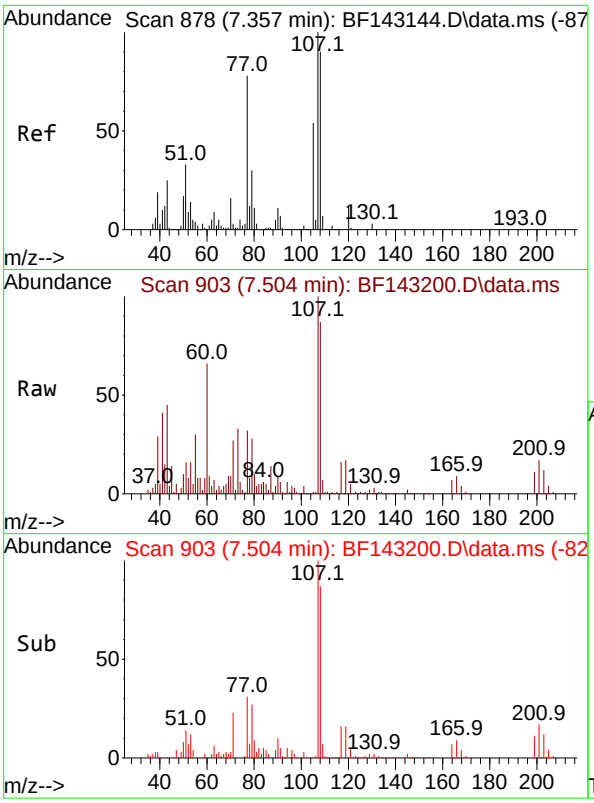


#19
n-Nitroso-di-n-propylamine
Concen: 35.918 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 70 Resp: 189587

Ion	Ratio	Lower	Upper
70	100		
42	72.1	52.5	78.7
101	11.0	7.6	11.4
130	20.6	16.1	24.1

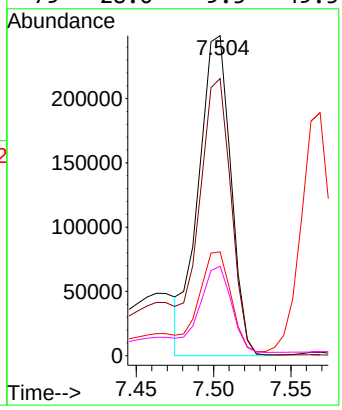




#20
3+4-Methylphenols
Concen: 52.132 ng m
RT: 7.504 min Scan# 9
Delta R.T. 0.147 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:107 Resp: 36437

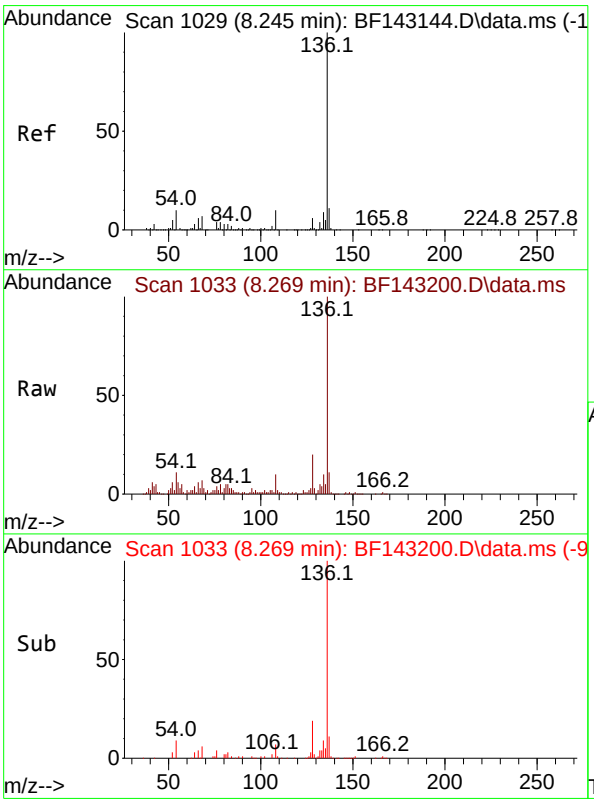
Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.0	110.0
77	32.5	57.8	97.8#
79	28.0	9.5	49.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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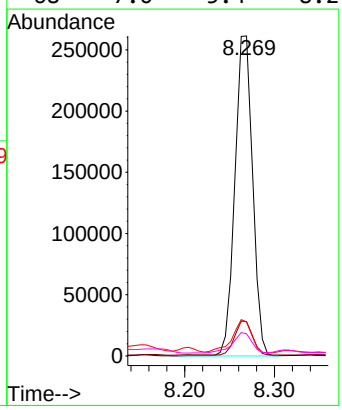
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

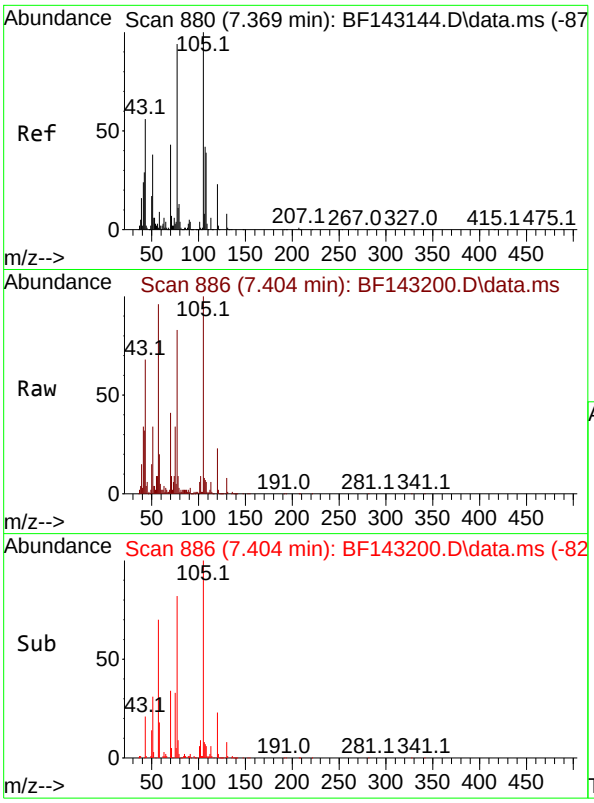


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:136 Resp: 358963

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2

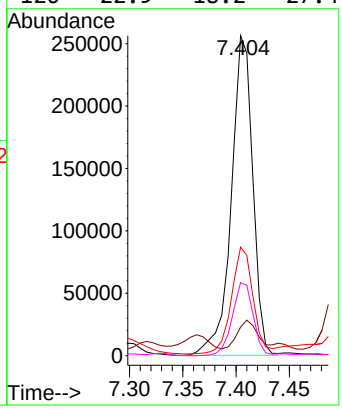




#22
Acetophenone
Concen: 42.304 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:105 Resp: 35952

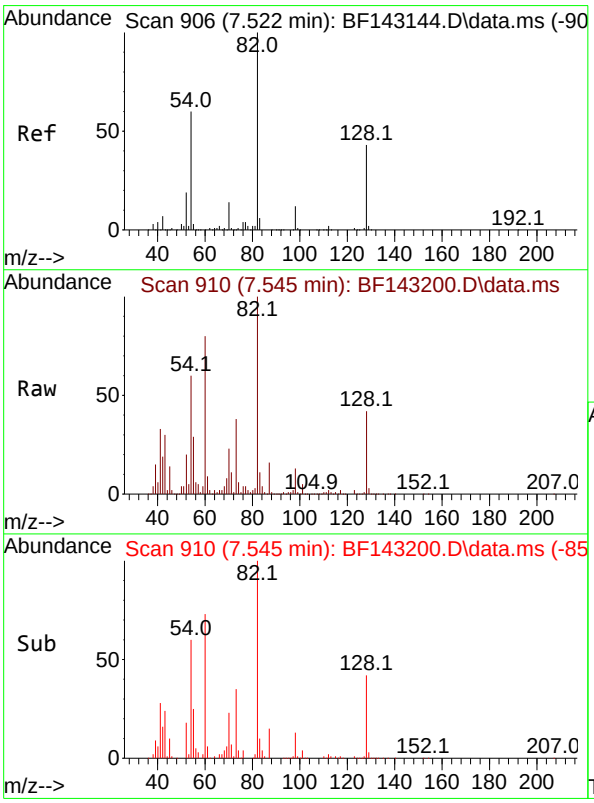
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6
51	33.9	30.2	45.2
120	22.9	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

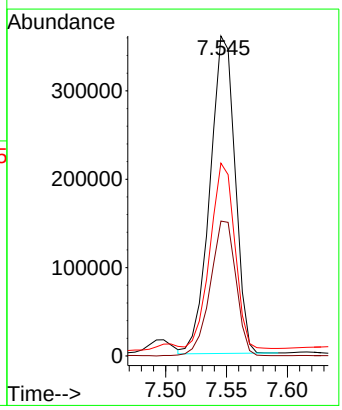
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

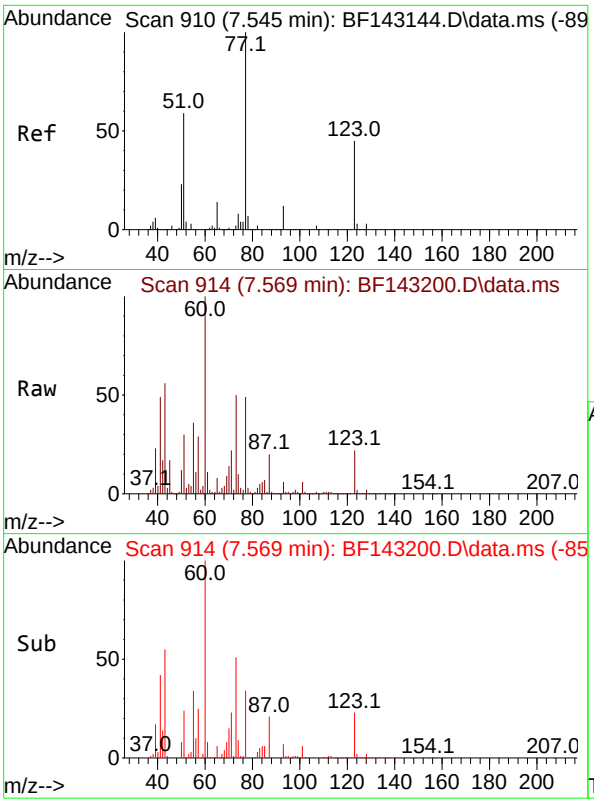


#23
Nitrobenzene-d5
Concen: 71.658 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 82 Resp: 516027

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.6	50.4
54	60.3	47.1	70.7





#24
Nitrobenzene
Concen: 36.402 ng
RT: 7.569 min Scan# 9
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

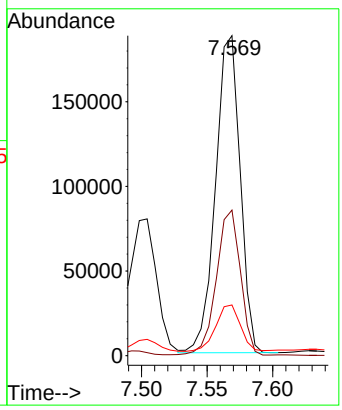
Tgt Ion: 77 Resp: 24439

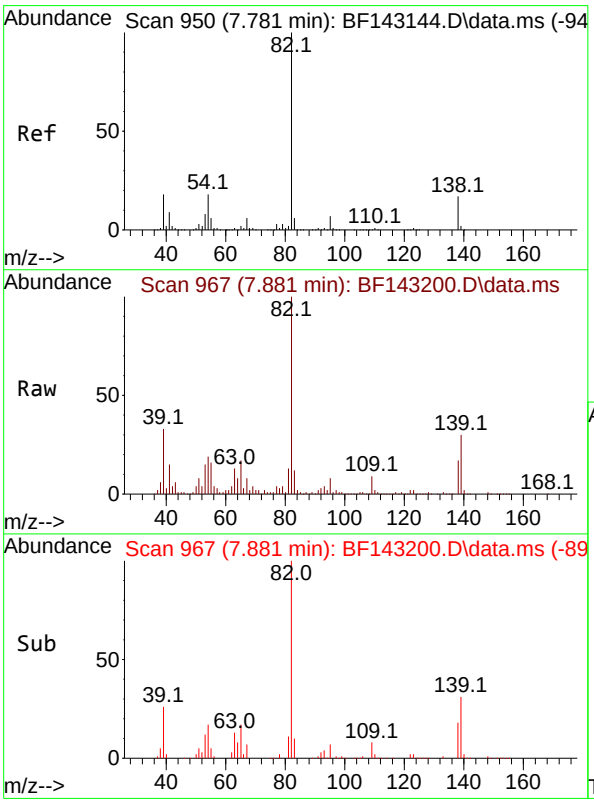
Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.1	54.1
65	15.8	11.4	17.2

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

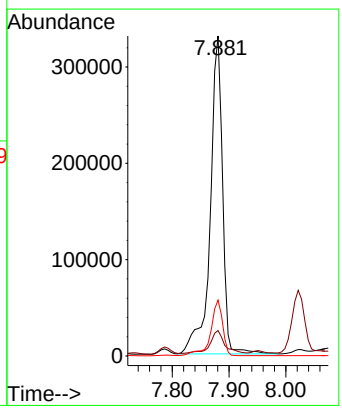


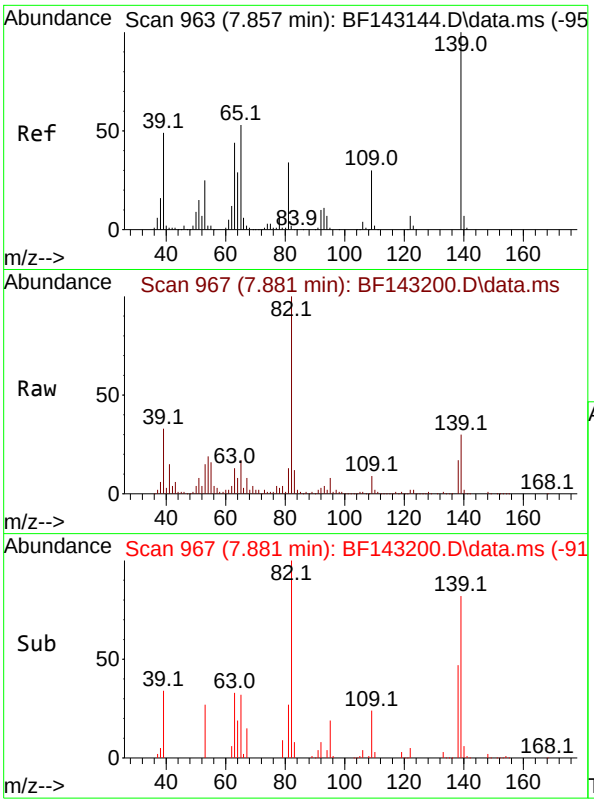


#25
Isophorone
Concen: 39.100 ng
RT: 7.881 min Scan# 967
Delta R.T. 0.100 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 82 Resp: 497065

Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.5	8.3
138	17.5	13.8	20.8





#26
2-Nitrophenol
Concen: 45.589 ng
RT: 7.881 min Scan# 9
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

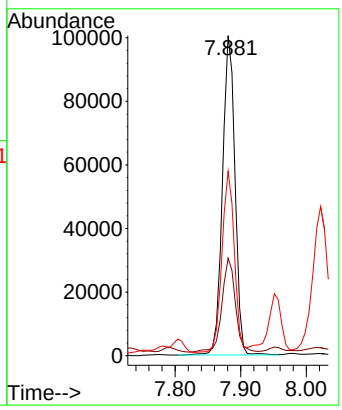
Tgt Ion:139 Resp: 13283

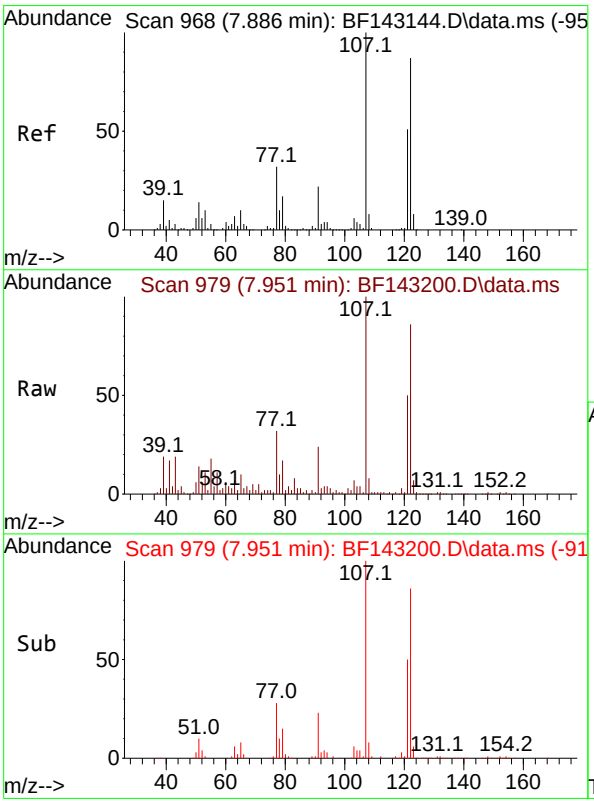
Ion	Ratio	Lower	Upper
139	100		
109	30.5	23.6	35.4
65	57.6	42.6	64.0

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

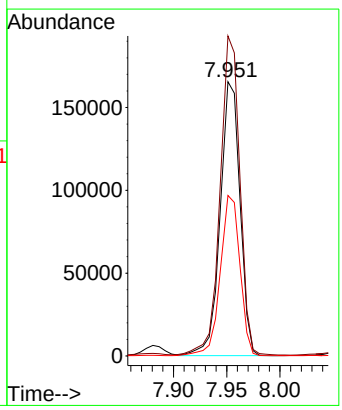


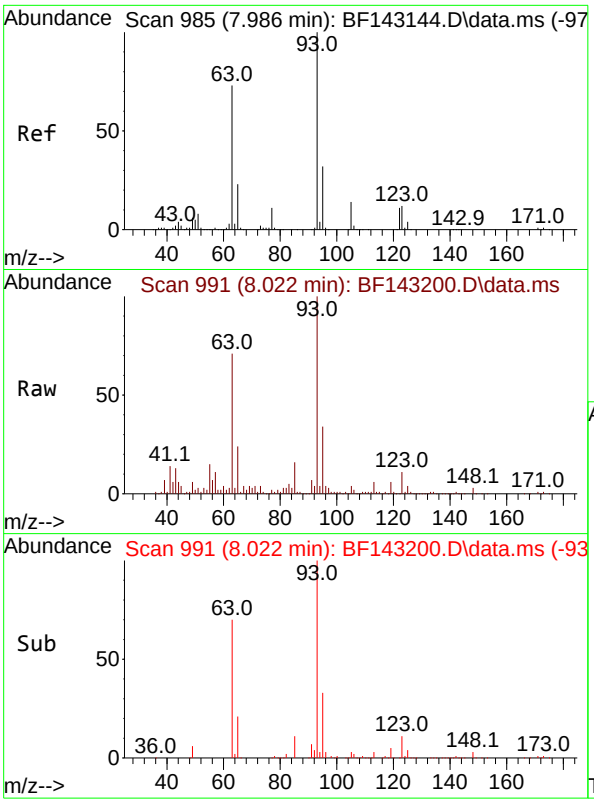


#27
2,4-Dimethylphenol
Concen: 35.902 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.065 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:122 Resp: 213236

Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.8	137.6
121	58.5	46.3	69.5

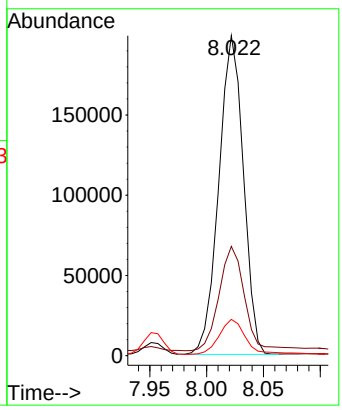




#28
bis(2-Chloroethoxy)methane
Concen: 39.272 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 93 Resp: 29933

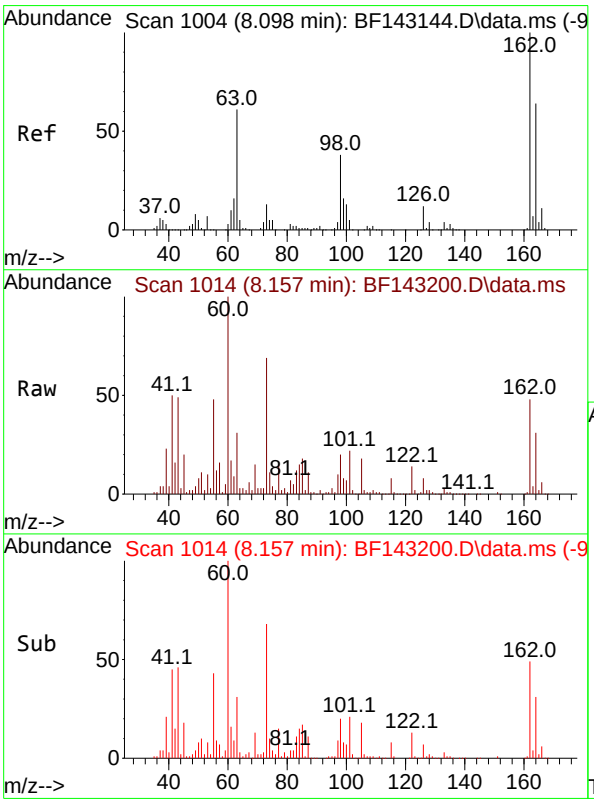
Ion	Ratio	Lower	Upper
93	100		
95	34.2	25.8	38.6
123	11.4	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

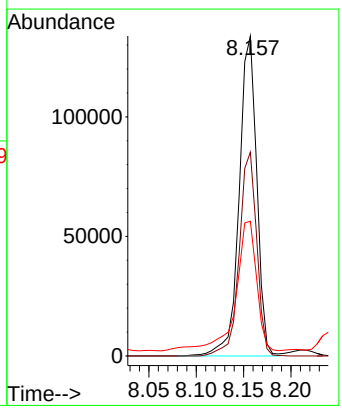
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

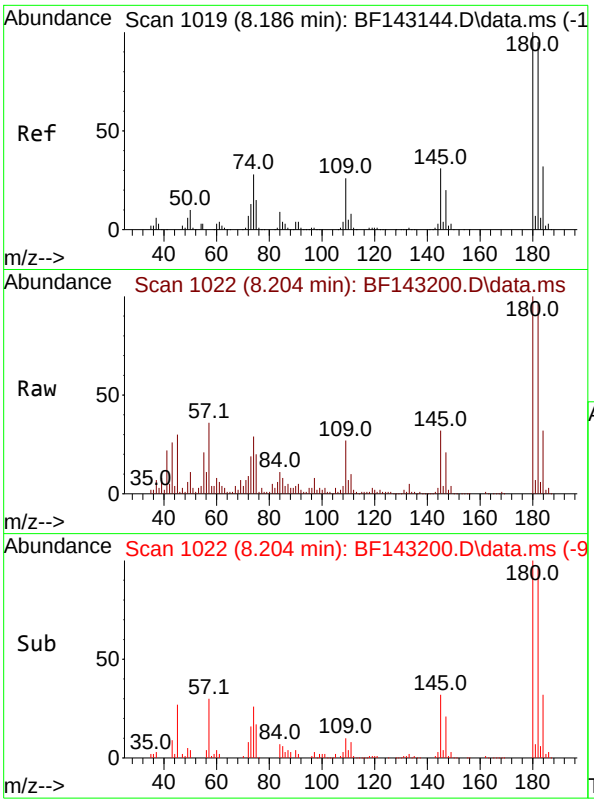


#29
2,4-Dichlorophenol
Concen: 34.481 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.059 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:162 Resp: 172713

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.2	84.2
98	42.1	17.9	57.9

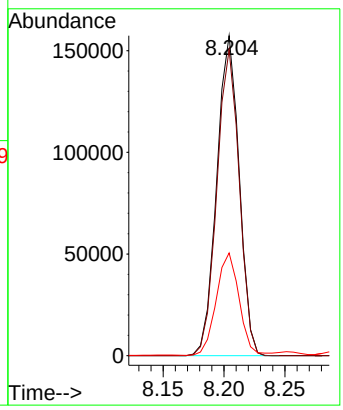




#30
1,2,4-Trichlorobenzene
Concen: 37.284 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:180 Resp: 20175

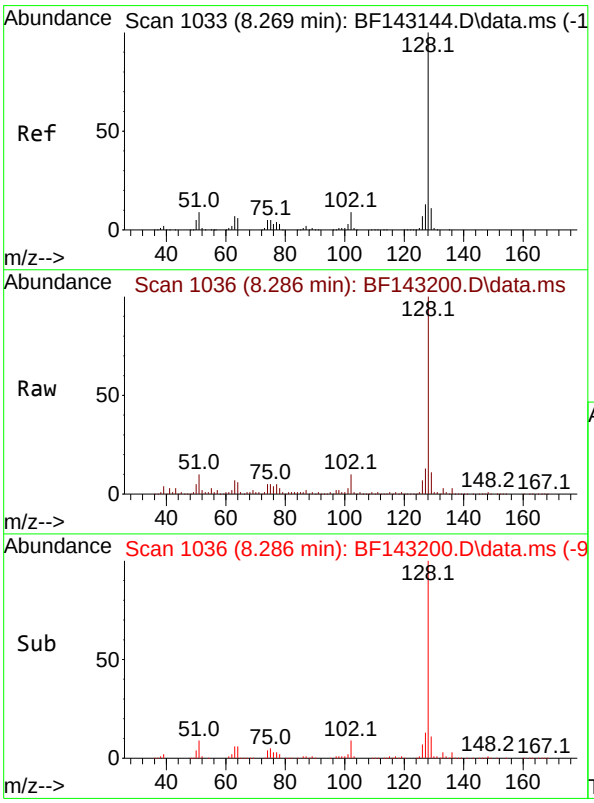
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	32.1	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

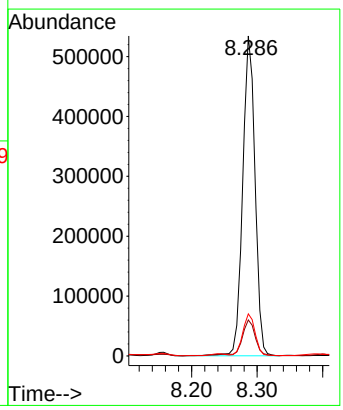
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

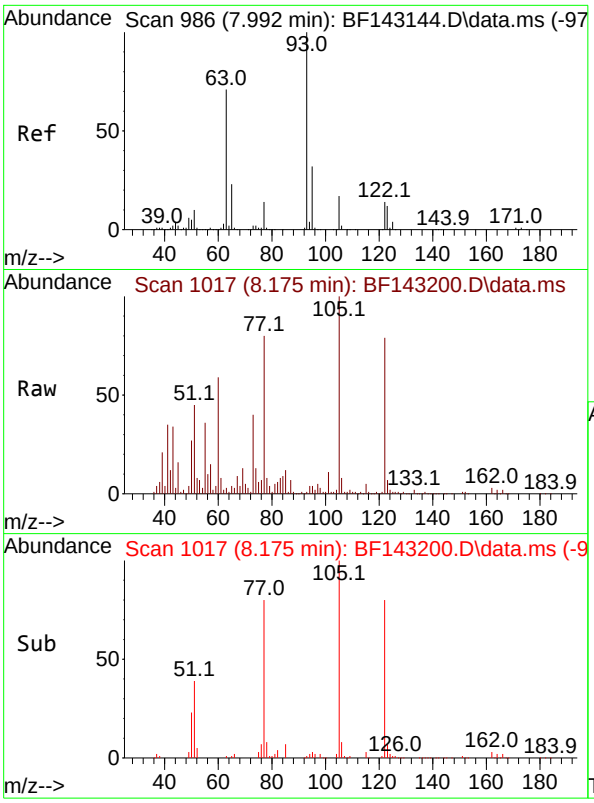


#31
Naphthalene
Concen: 39.637 ng
RT: 8.286 min Scan# 1036
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:128 Resp: 700722

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	10.6	16.0

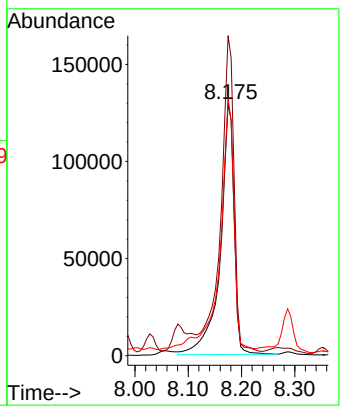




#32
Benzoic acid
Concen: 66.975 ng
RT: 8.175 min Scan# 1
Delta R.T. 0.183 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:122 Resp: 23175

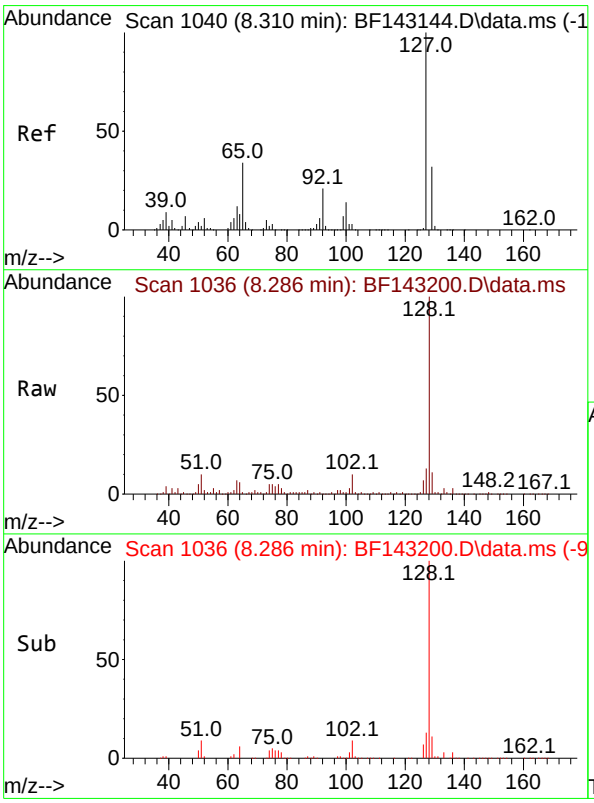
Ion	Ratio	Lower	Upper
122	100		
105	127.1	104.8	144.8
77	102.1	77.6	117.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

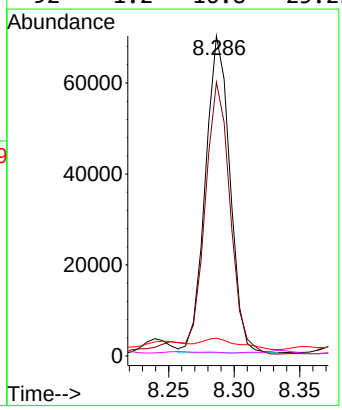
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

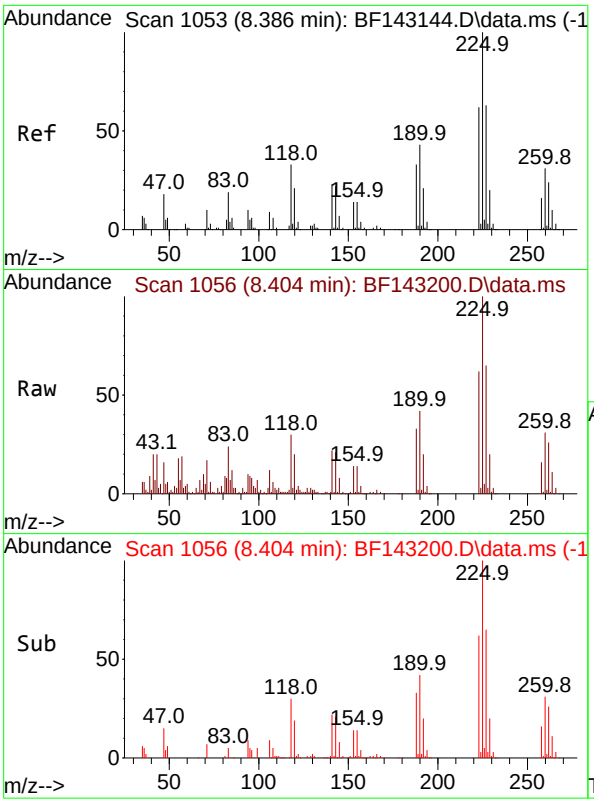


#33
4-Chloroaniline
Concen: 12.557 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.023 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:127 Resp: 90646

Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.0	39.0#
65	5.6	27.4	41.2#
92	1.2	16.8	25.2#

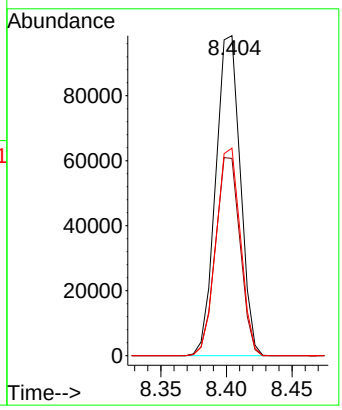




#34
Hexachlorobutadiene
Concen: 38.795 ng
RT: 8.404 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:225 Resp: 12824

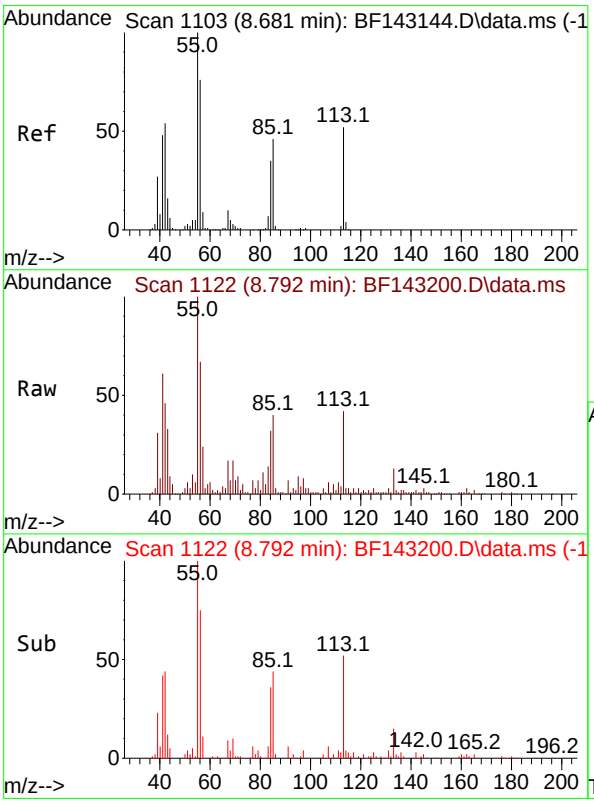
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.8	74.6
227	64.9	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

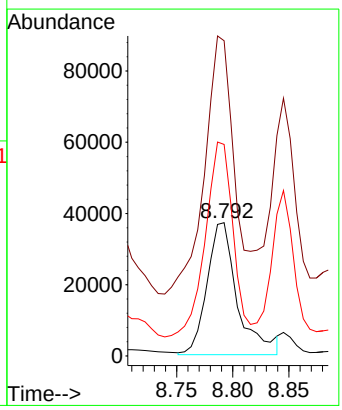
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

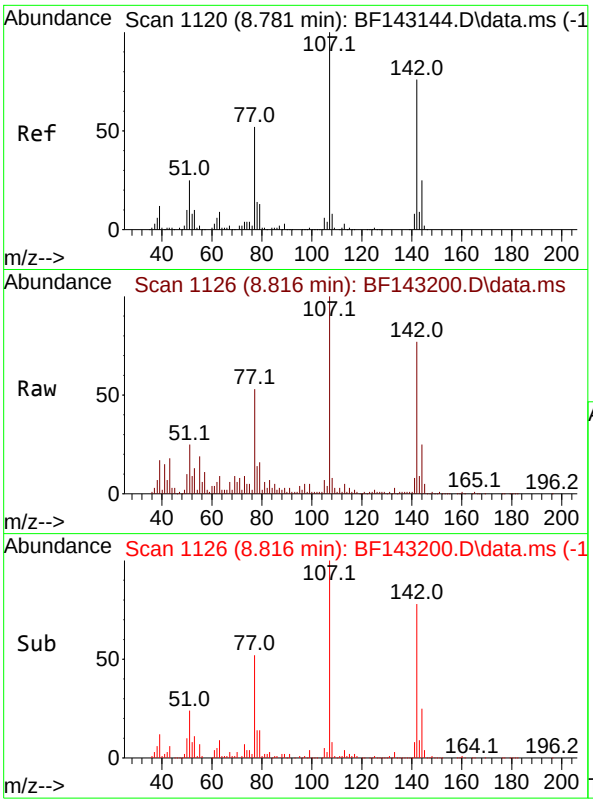


#35
Caprolactam
Concen: 46.376 ng m
RT: 8.792 min Scan# 1122
Delta R.T. 0.112 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:113 Resp: 70195

Ion	Ratio	Lower	Upper
113	100		
55	236.5	174.0	214.0#
56	158.8	126.6	166.6

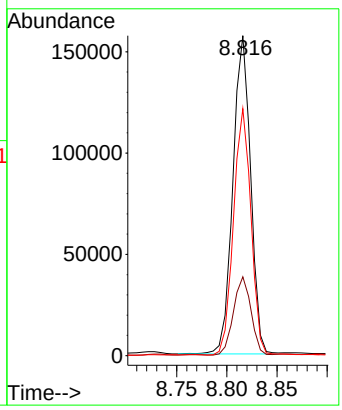




#36
4-Chloro-3-methylphenol
Concen: 35.500 ng
RT: 8.816 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:107 Resp: 19326

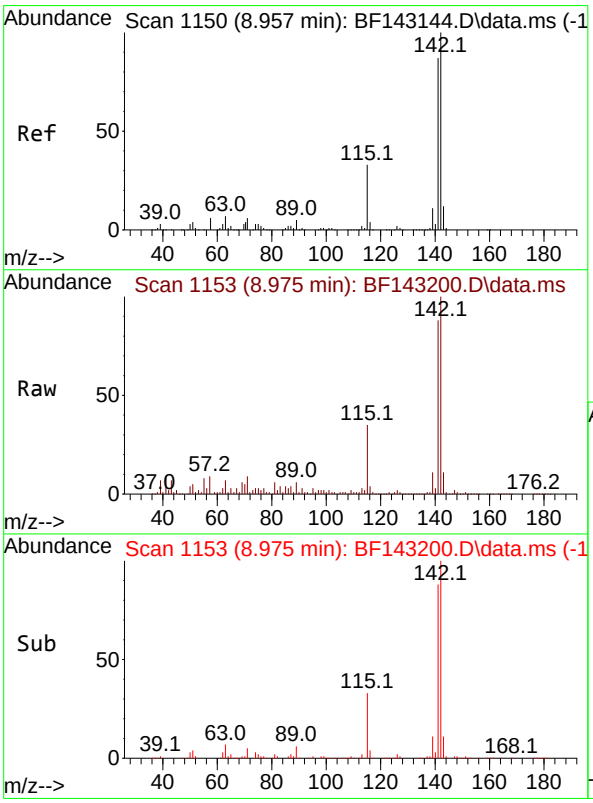
Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	77.2	60.6	90.8



Instrument :
BNA_F
ClientSampleId :
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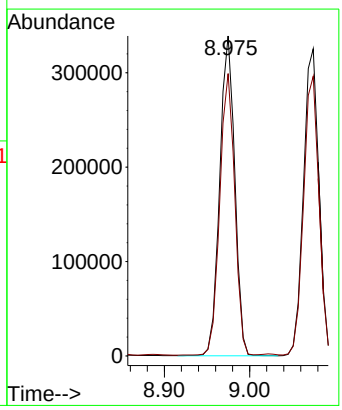
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

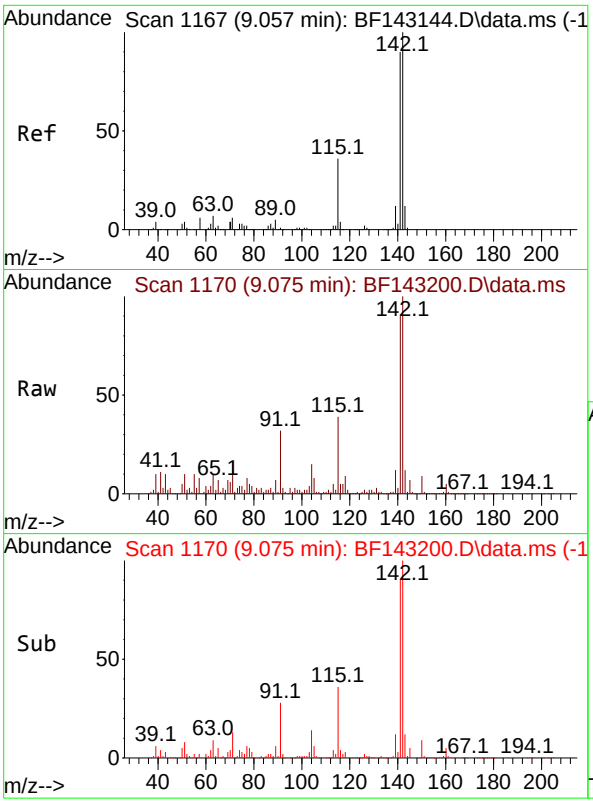


#37
2-Methylnaphthalene
Concen: 38.456 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:142 Resp: 413694

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.9	104.9





#38
1-Methylnaphthalene
Concen: 36.804 ng
RT: 9.075 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

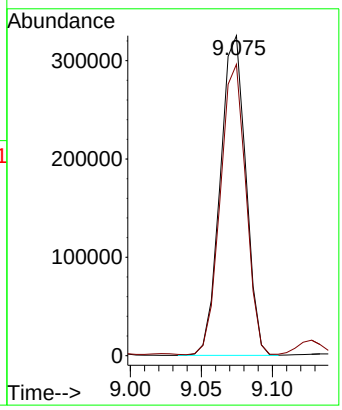
Tgt Ion:142 Resp: 40770

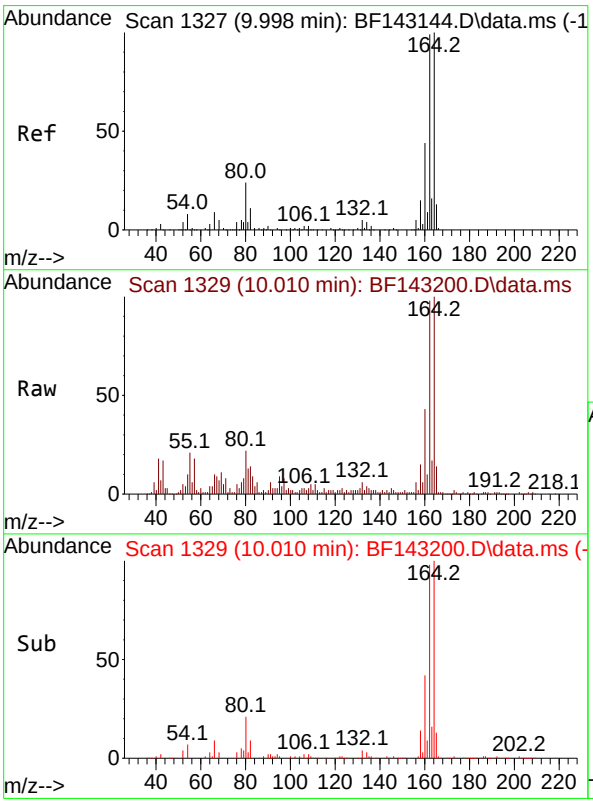
Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.3	108.5

Instrument :
BNA_F
ClientSampleId :
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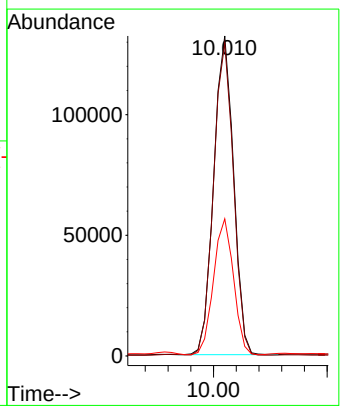


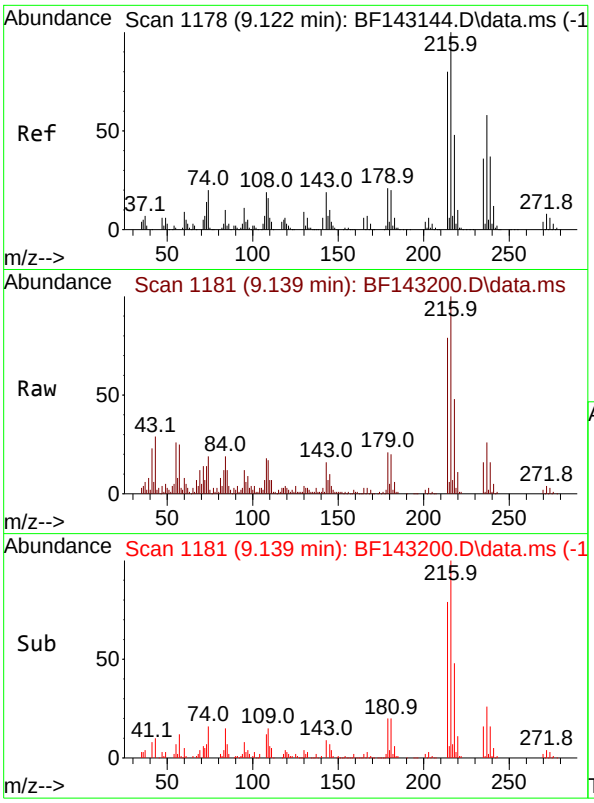


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:164 Resp: 160601

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.0	118.6
160	42.8	35.1	52.7

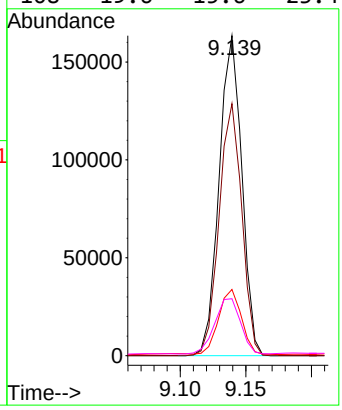




#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.378 ng
RT: 9.139 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:216 Resp: 19649

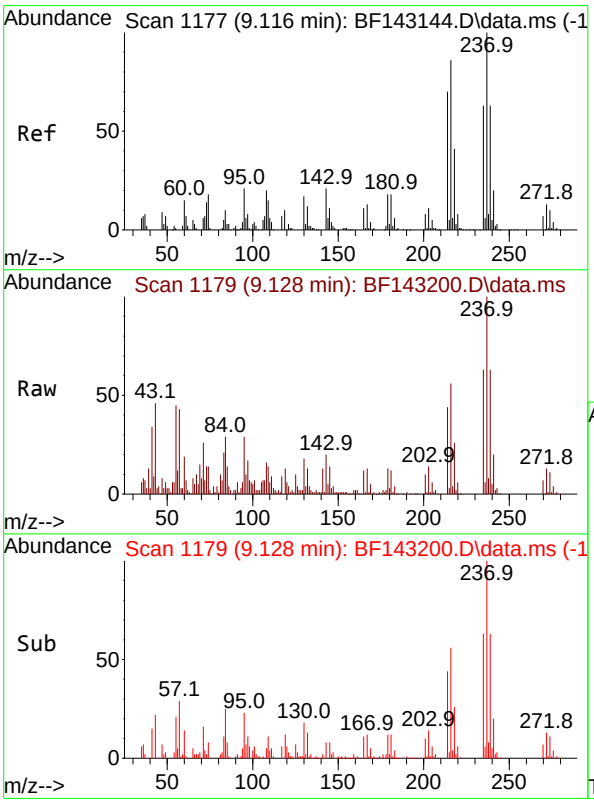
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

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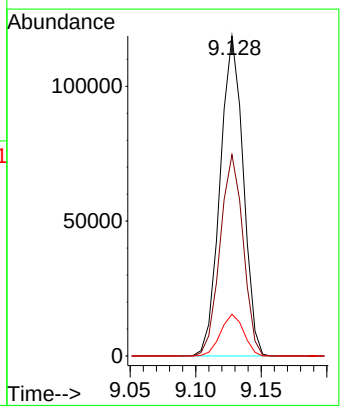
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

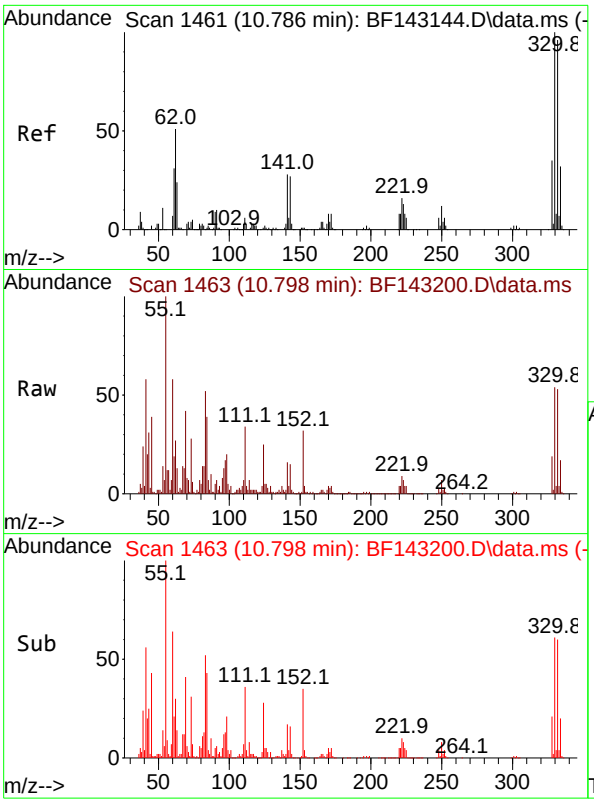


#41
Hexachlorocyclopentadiene
Concen: 48.098 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:237 Resp: 145110

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.0	83.0
272	13.0	0.0	33.3





#42
2,4,6-Tribromophenol
Concen: 110.887 ng
RT: 10.798 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

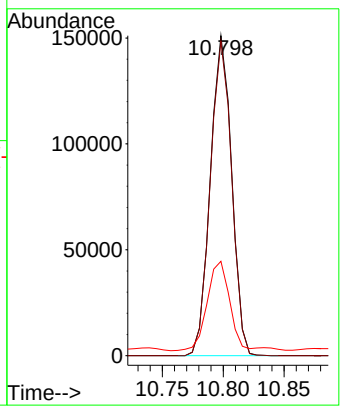
Tgt Ion:330 Resp: 18397

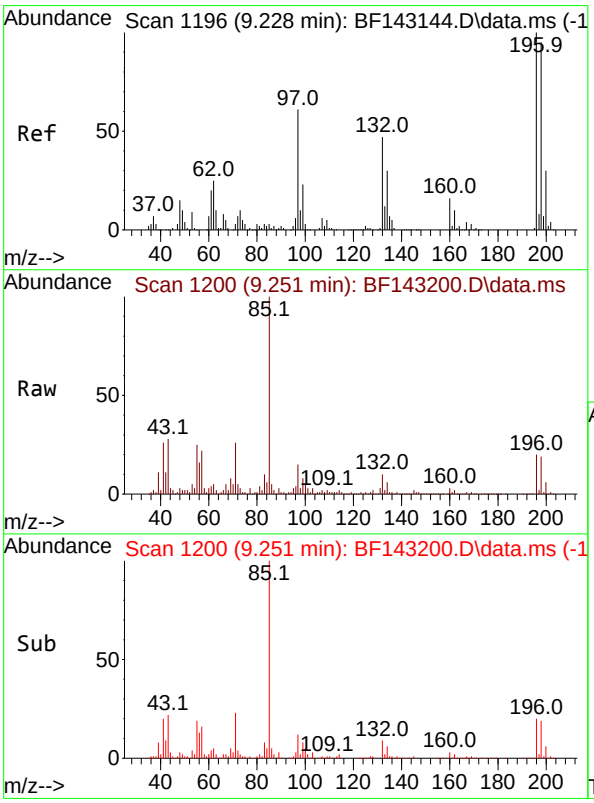
Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.7	115.1
141	29.6	23.3	34.9

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

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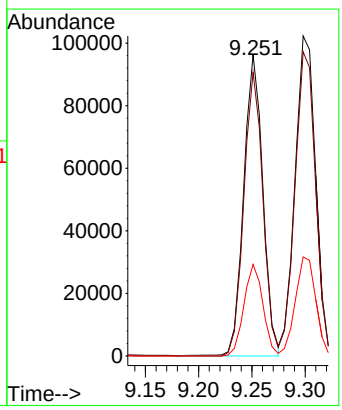


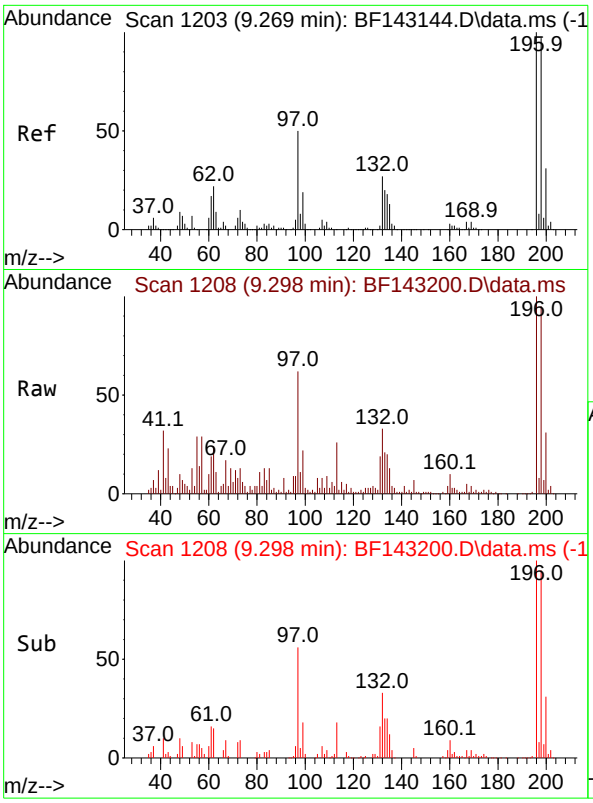


#43
2,4,6-Trichlorophenol
Concen: 37.622 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:196 Resp: 120729

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.2
200	30.4	23.9	35.9

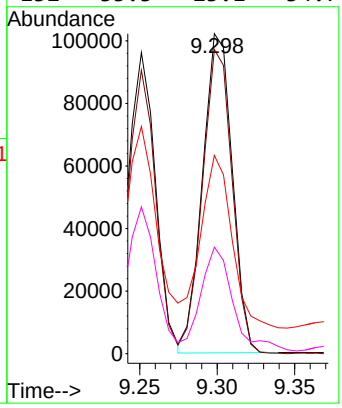




#44
2,4,5-Trichlorophenol
Concen: 42.425 ng
RT: 9.298 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

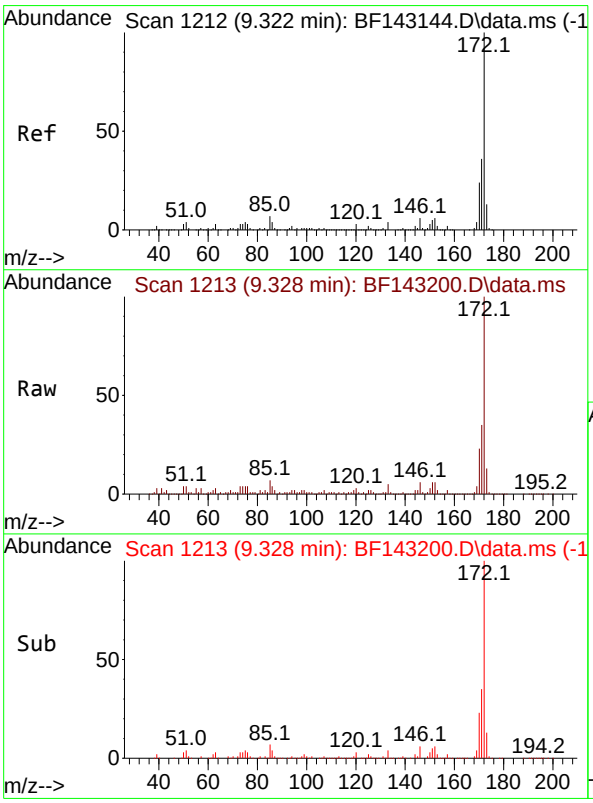
Tgt Ion:196 Resp: 13618

Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.3	115.9
97	62.0	40.3	60.5#
132	33.3	23.1	34.7



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

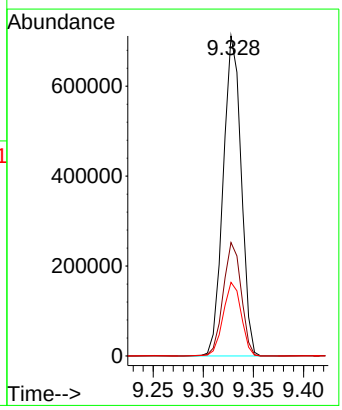
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

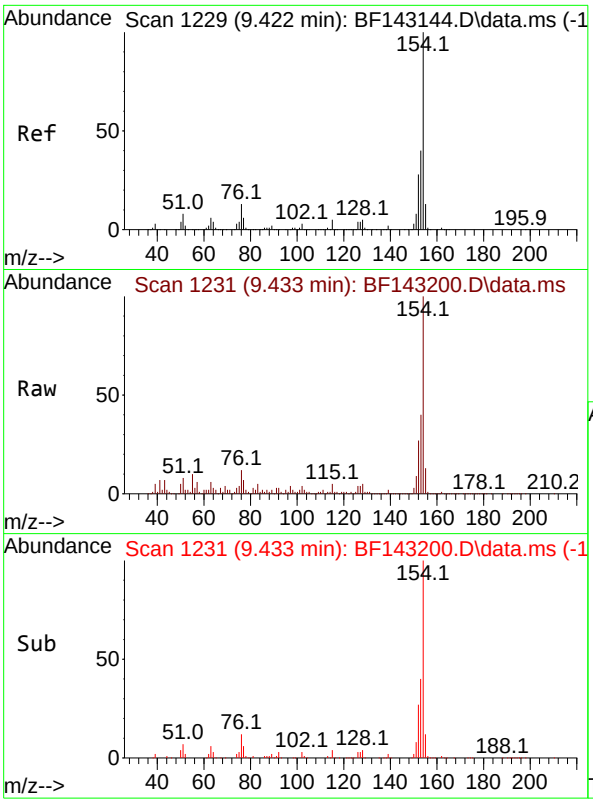


#45
2-Fluorobiphenyl
Concen: 75.656 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:172 Resp: 888433

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.0	18.8	28.2

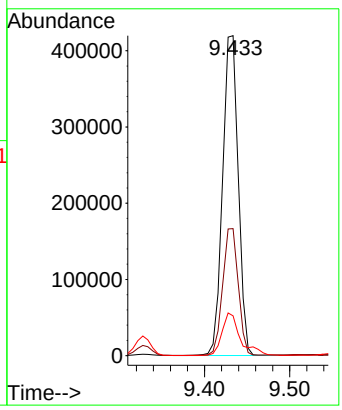




#46
1,1'-Biphenyl
Concen: 42.684 ng
RT: 9.433 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:154 Resp: 53483

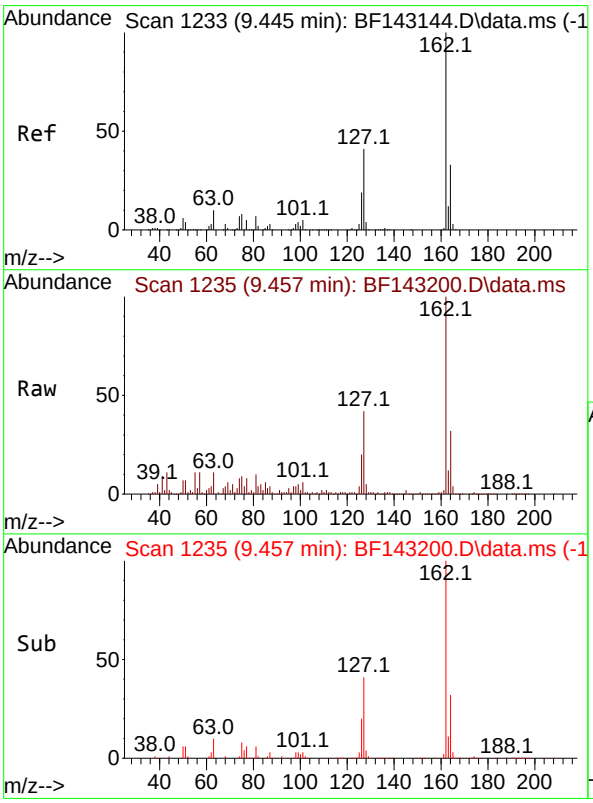
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	12.4	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

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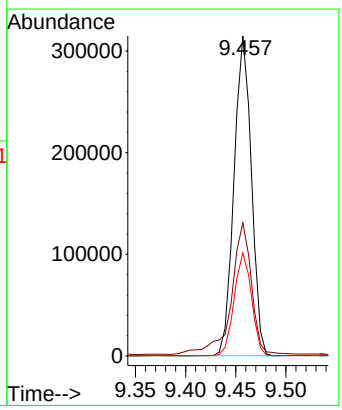
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

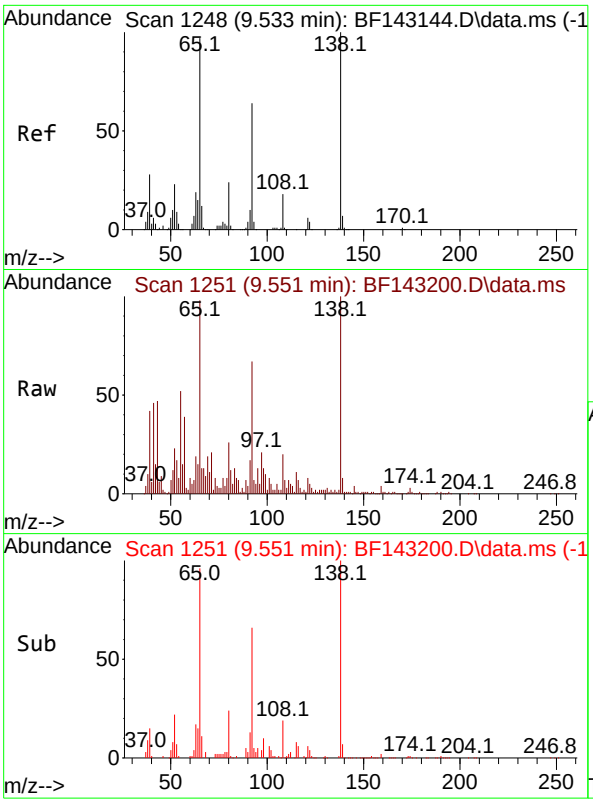


#47
2-Chloronaphthalene
Concen: 40.985 ng
RT: 9.457 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:162 Resp: 379988

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	32.1	26.2	39.2

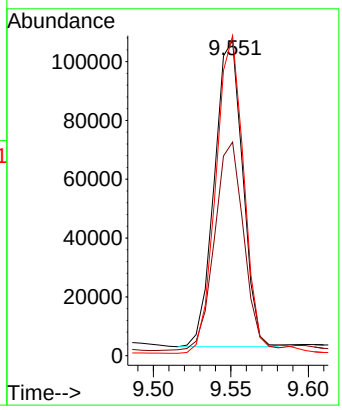




#48
2-Nitroaniline
Concen: 45.484 ng
RT: 9.551 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 65 Resp: 13224

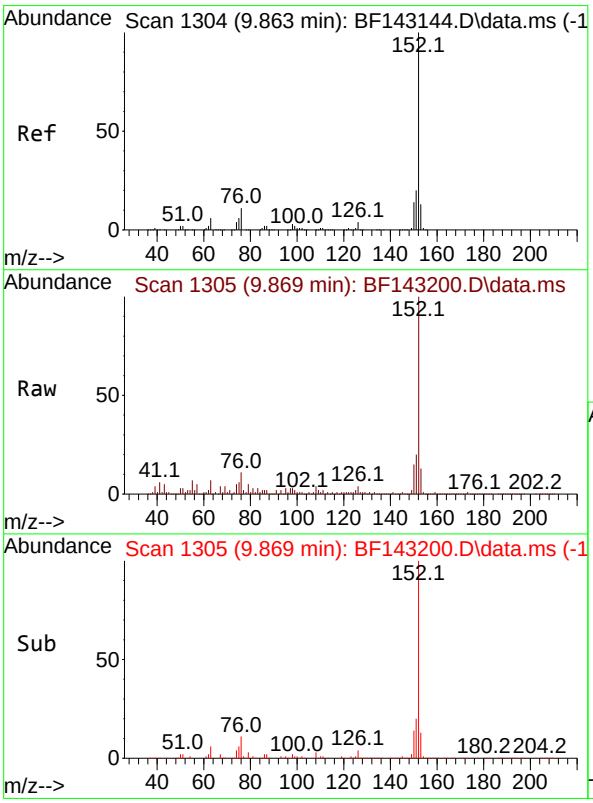
Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.4	78.6
138	101.6	82.3	123.5



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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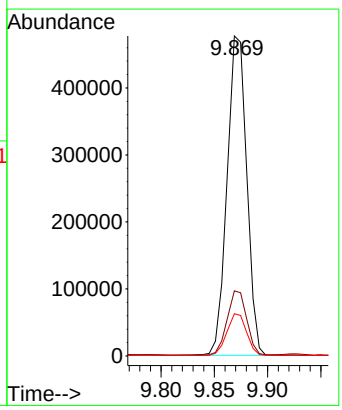
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

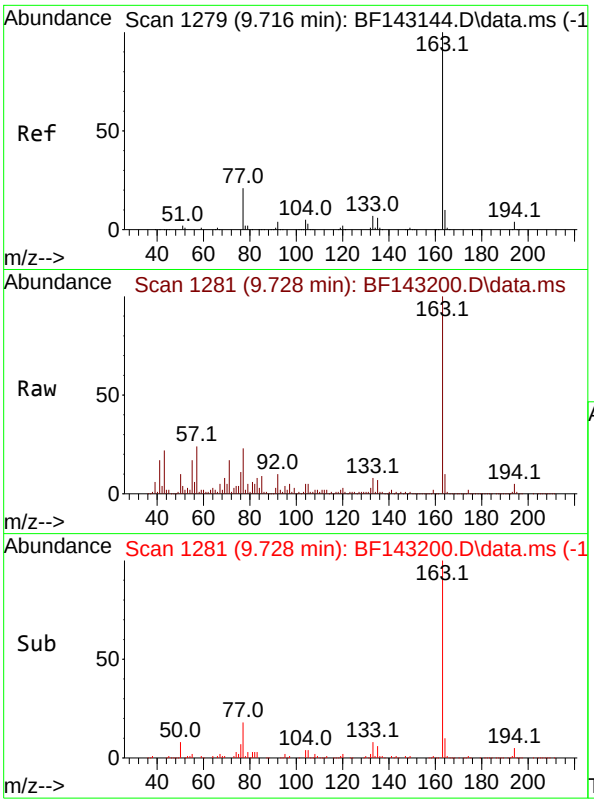


#49
Acenaphthylene
Concen: 39.484 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:152 Resp: 613481

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.2	10.6	16.0





#50
Dimethylphthalate
Concen: 41.511 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

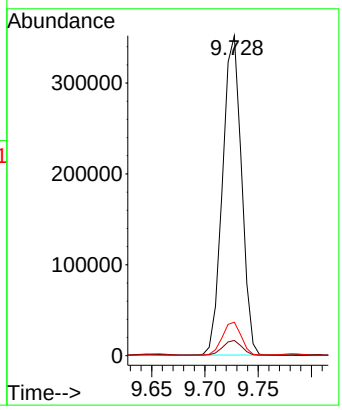
Tgt Ion:163 Resp: 43455

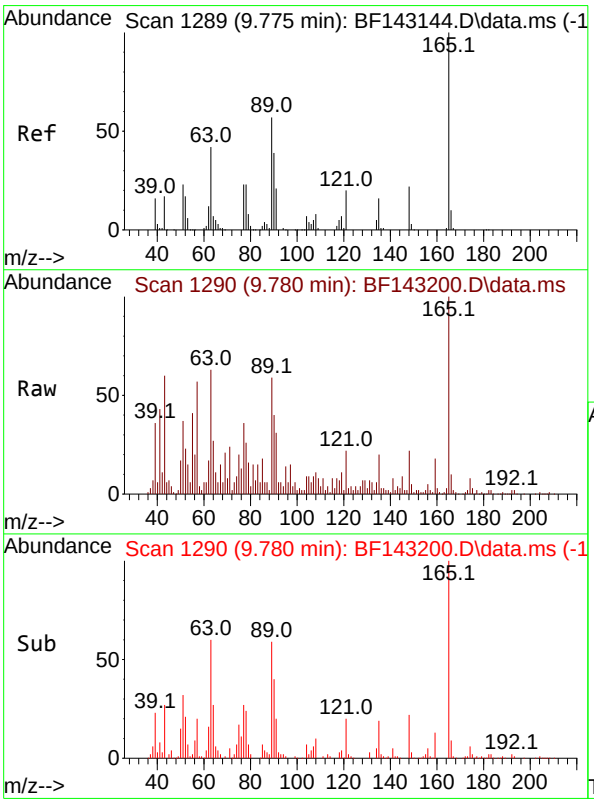
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.5	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

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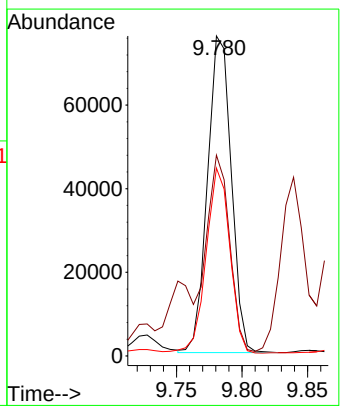


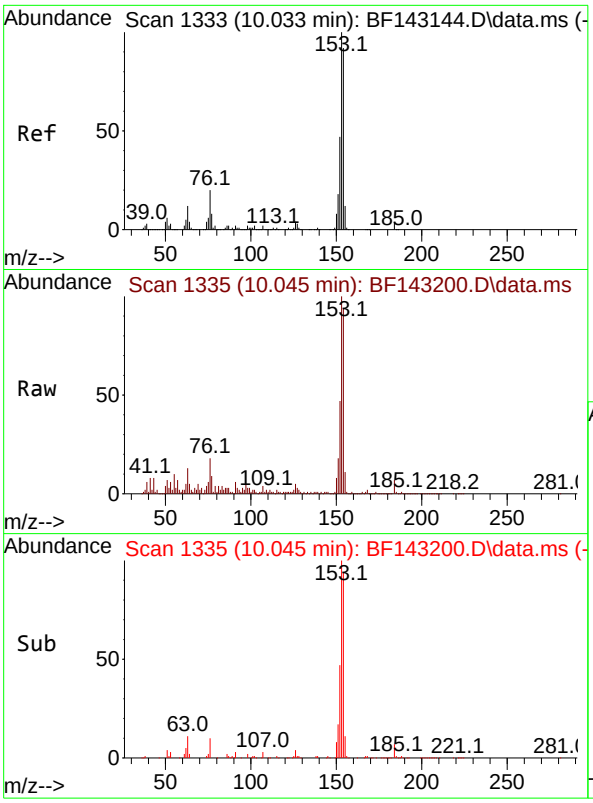


#51
2,6-Dinitrotoluene
Concen: 44.919 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:165 Resp: 95659

Ion	Ratio	Lower	Upper
165	100		
63	62.8	49.4	74.2
89	58.7	46.2	69.2

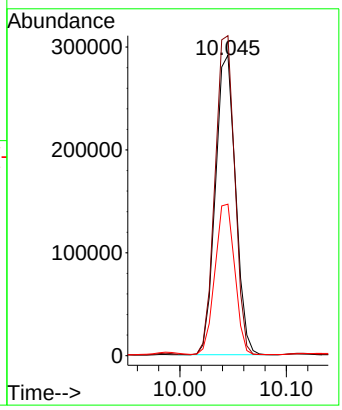




#52
Acenaphthene
Concen: 41.804 ng
RT: 10.045 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:154 Resp: 38389

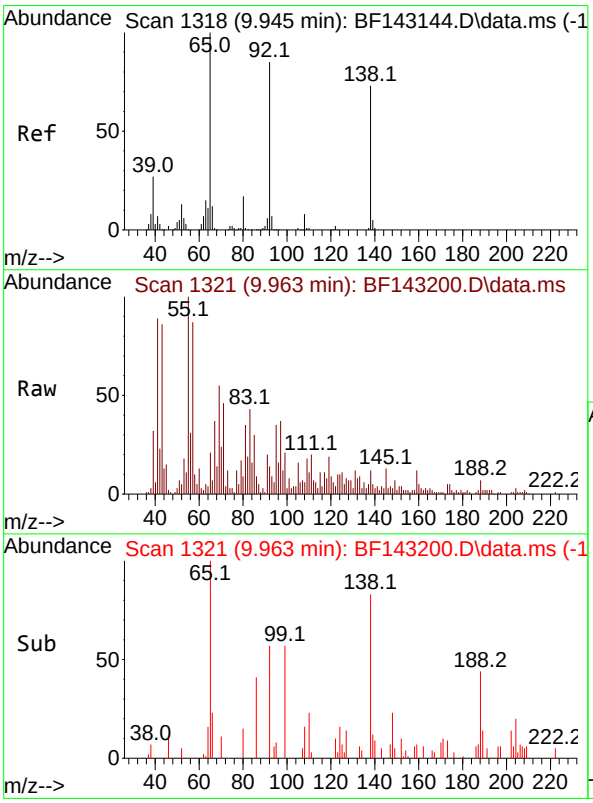
Ion	Ratio	Lower	Upper
154	100		
153	106.5	86.6	129.8
152	50.4	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

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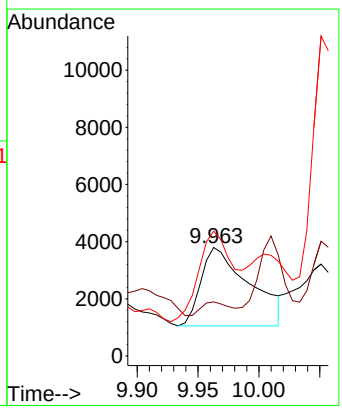
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

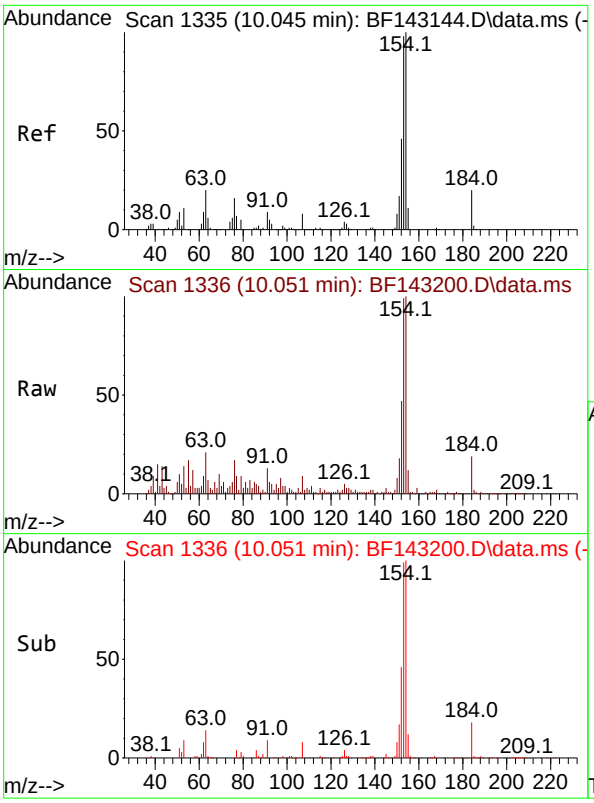


#53
3-Nitroaniline
Concen: 3.045 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:138 Resp: 7585

Ion	Ratio	Lower	Upper
138	100		
108	49.9	9.0	13.6#
92	115.0	93.0	139.4

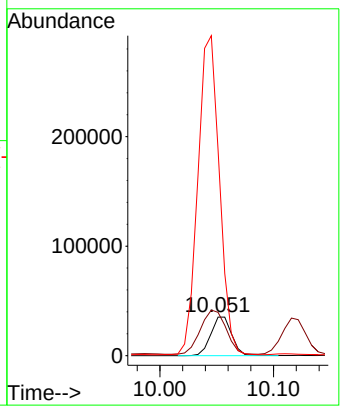




#54
2,4-Dinitrophenol
Concen: 49.636 ng
RT: 10.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:184 Resp: 4524

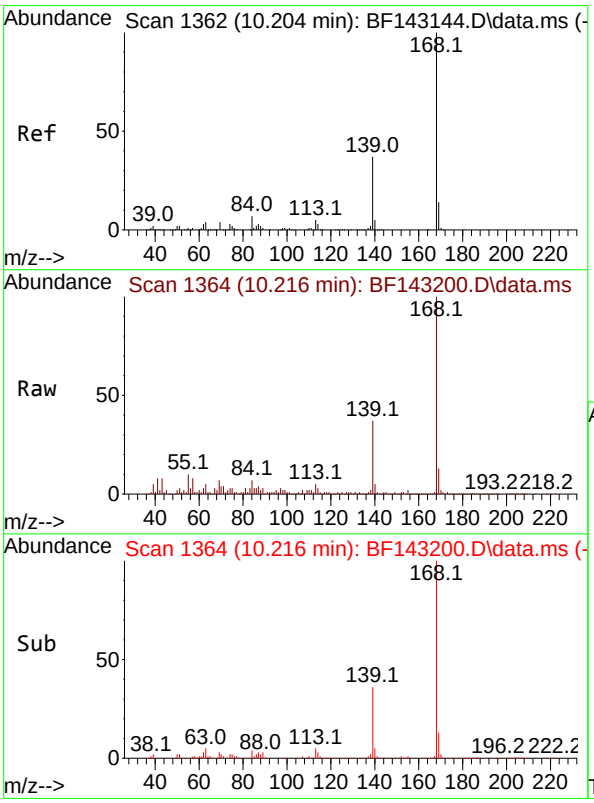
Ion	Ratio	Lower	Upper
184	100		
63	112.4	81.8	122.6
154	534.1	412.2	618.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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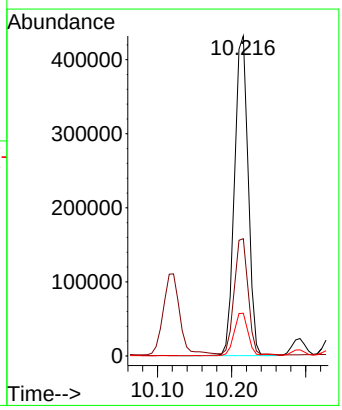
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

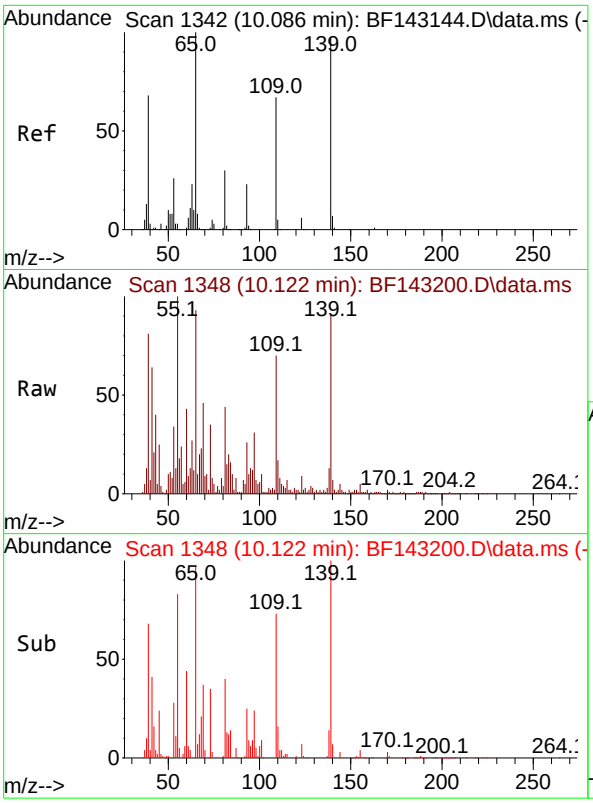


#55
Dibenzofuran
Concen: 40.423 ng
RT: 10.216 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:168 Resp: 551145

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3

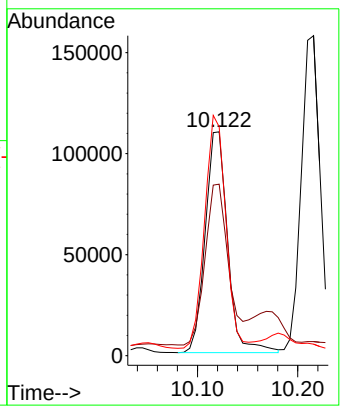




#56
4-Nitrophenol
Concen: 91.363 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:139 Resp: 16994

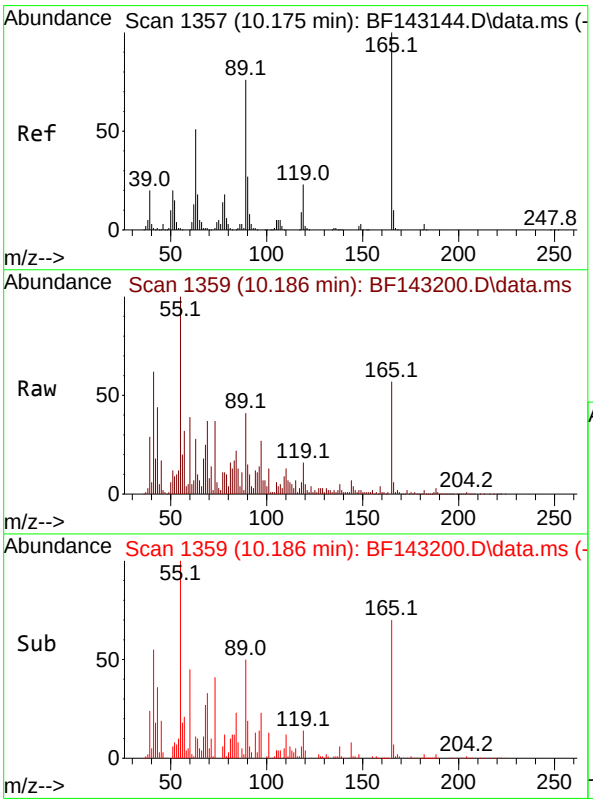
Ion	Ratio	Lower	Upper
139	100		
109	76.6	48.5	88.5
65	102.3	83.4	123.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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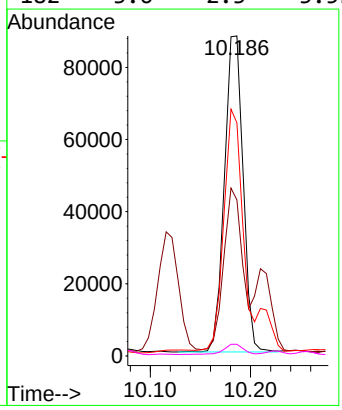
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

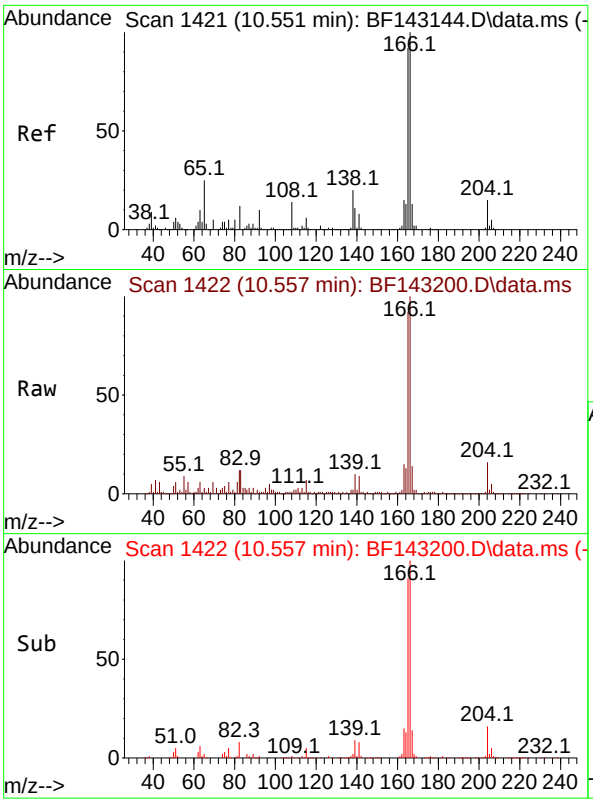


#57
2,4-Dinitrotoluene
Concen: 42.418 ng
RT: 10.186 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:165 Resp: 113332

Ion	Ratio	Lower	Upper
165	100		
63	48.8	41.0	61.4
89	72.8	61.1	91.7
182	3.6	2.3	3.5#

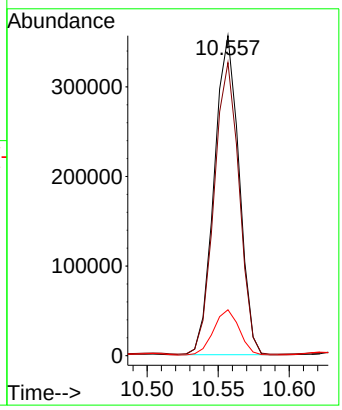




#58
Fluorene
Concen: 42.417 ng
RT: 10.557 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:166 Resp: 43404

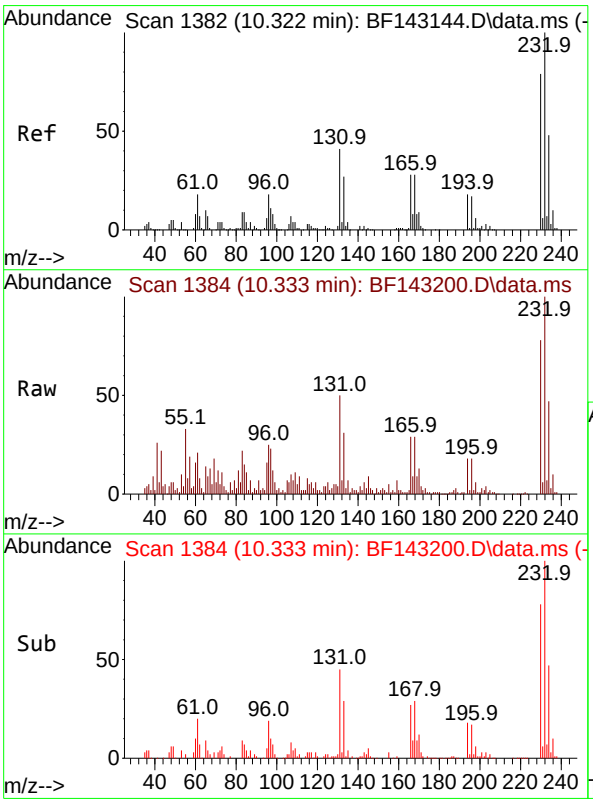
Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	14.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

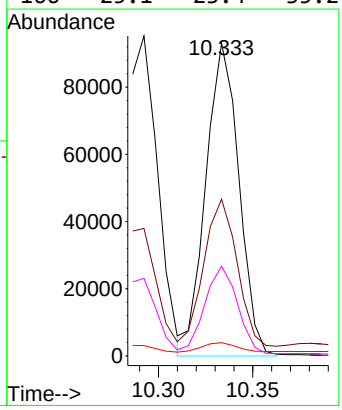
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

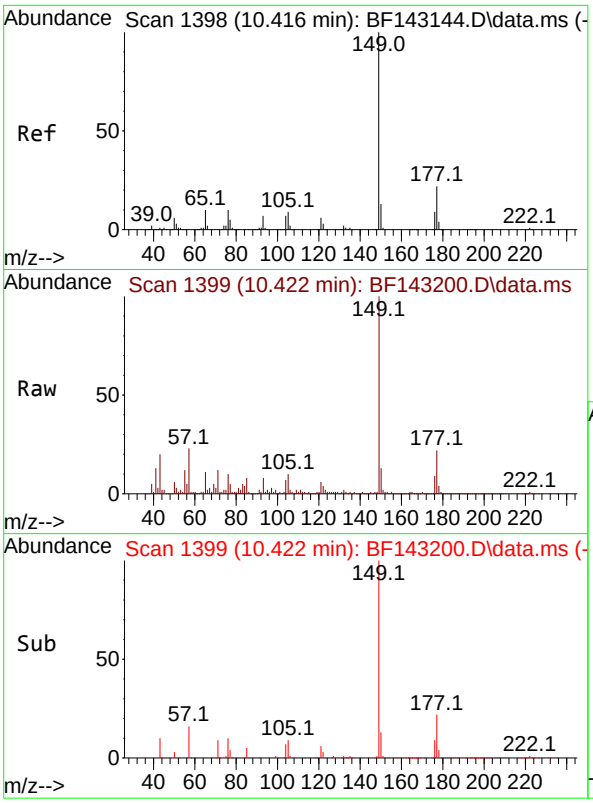


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.767 ng m
RT: 10.333 min Scan# 1384
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:232 Resp: 113718

Ion	Ratio	Lower	Upper
232	100		
131	40.7	35.3	52.9
130	2.4	1.7	2.5
166	25.1	23.4	35.2

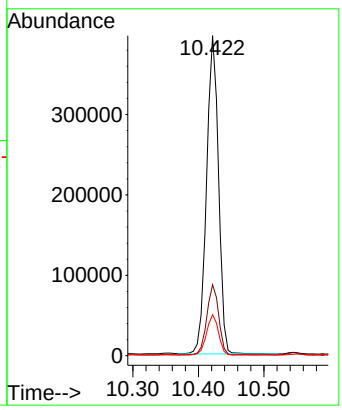




#60
Diethylphthalate
Concen: 48.774 ng
RT: 10.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 50466

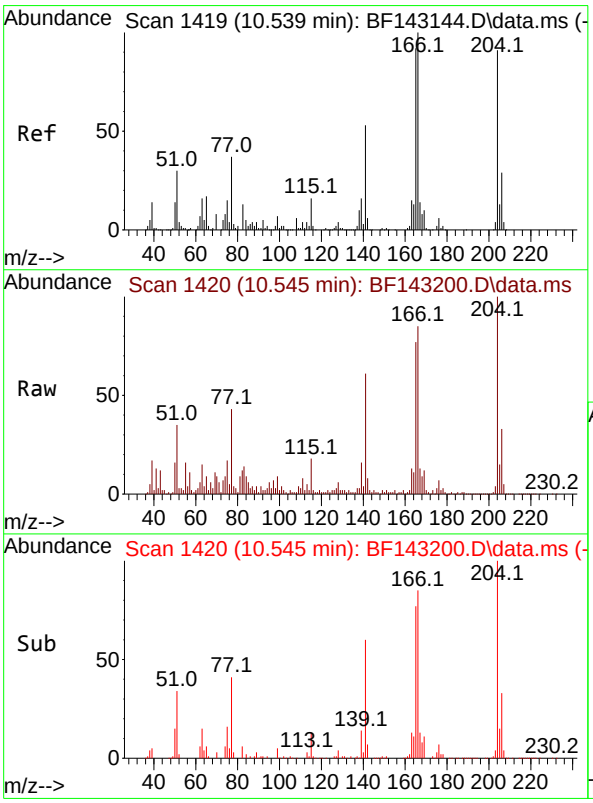
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.8	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

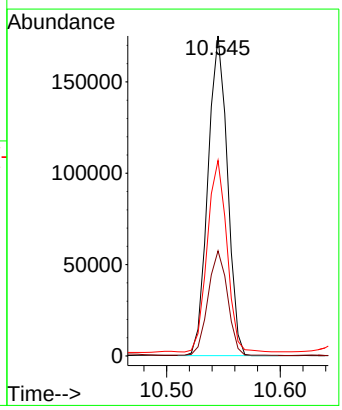
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

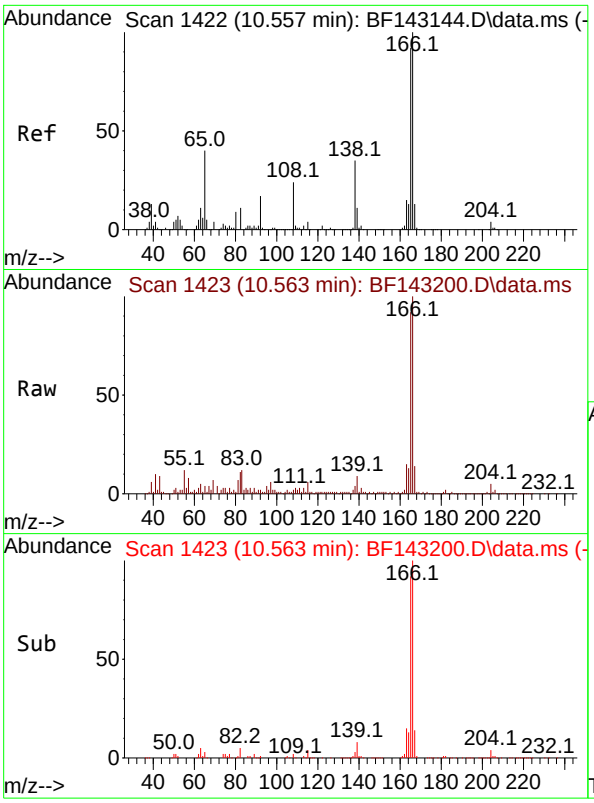


#61
4-Chlorophenyl-phenylether
Concen: 40.869 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:204 Resp: 208242

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	61.1	47.0	70.4

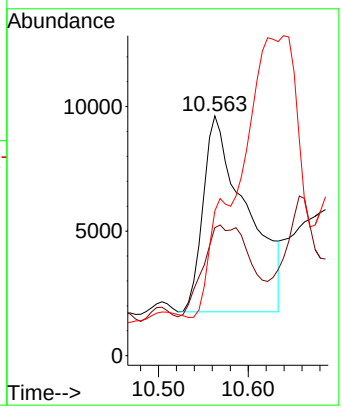




#62
4-Nitroaniline
Concen: 12.416 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:138 Resp: 2650

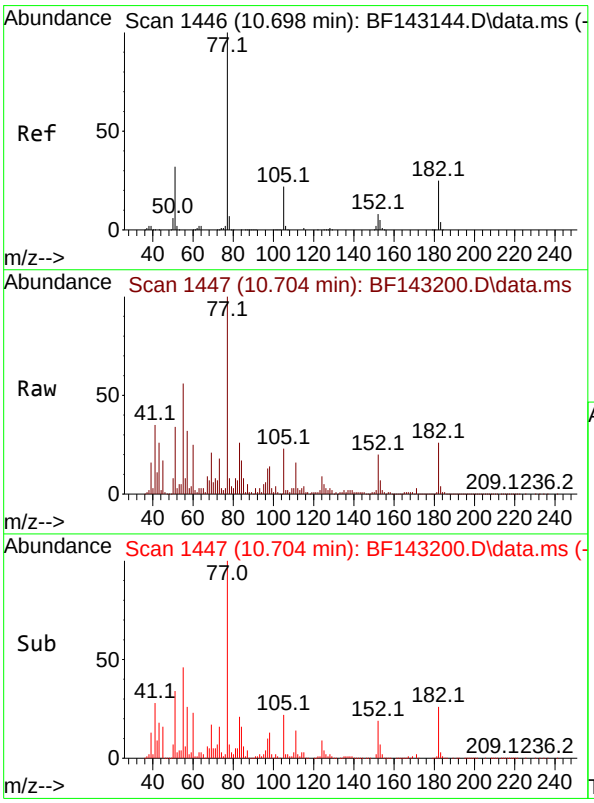
Ion	Ratio	Lower	Upper
138	100		
92	53.3	29.3	69.3
108	60.4	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

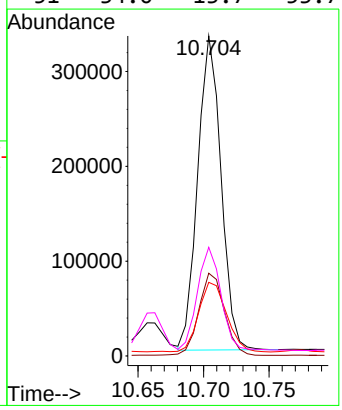
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

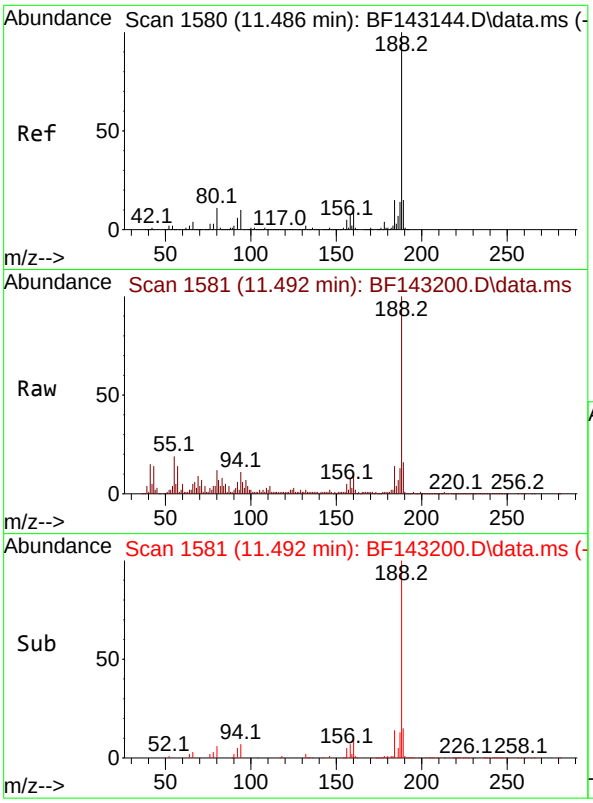


#63
Azobenzene
Concen: 38.152 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 77 Resp: 411429

Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	23.0	1.4	41.4
51	34.0	13.7	53.7

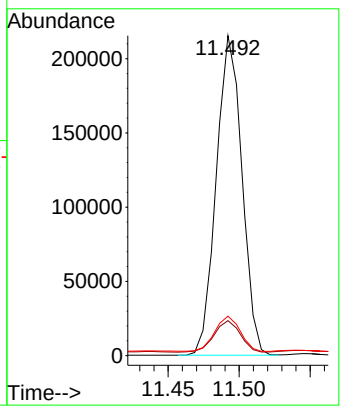




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:188 Resp: 27071

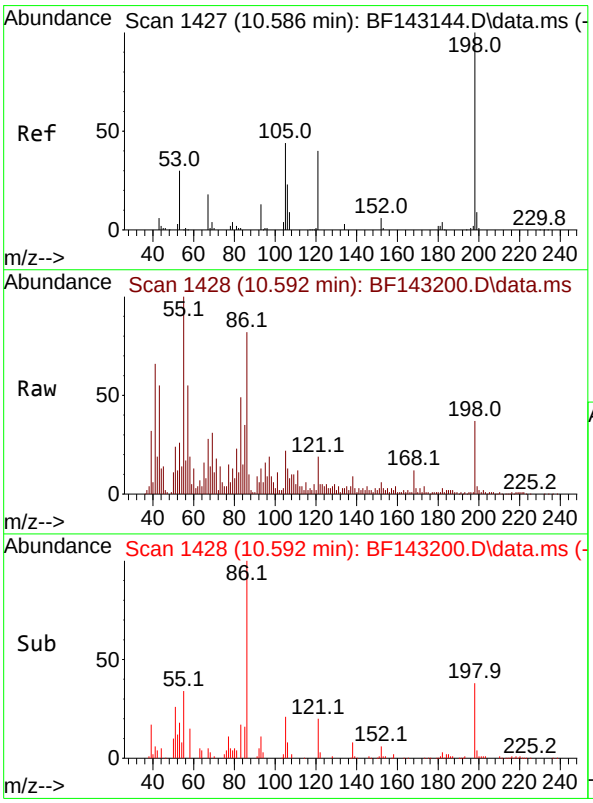
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	12.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

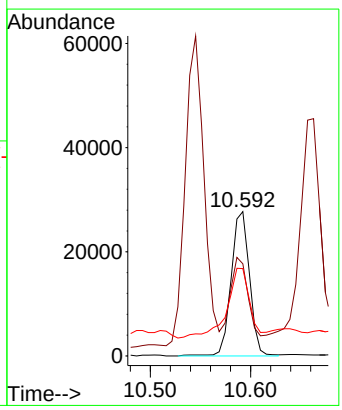
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

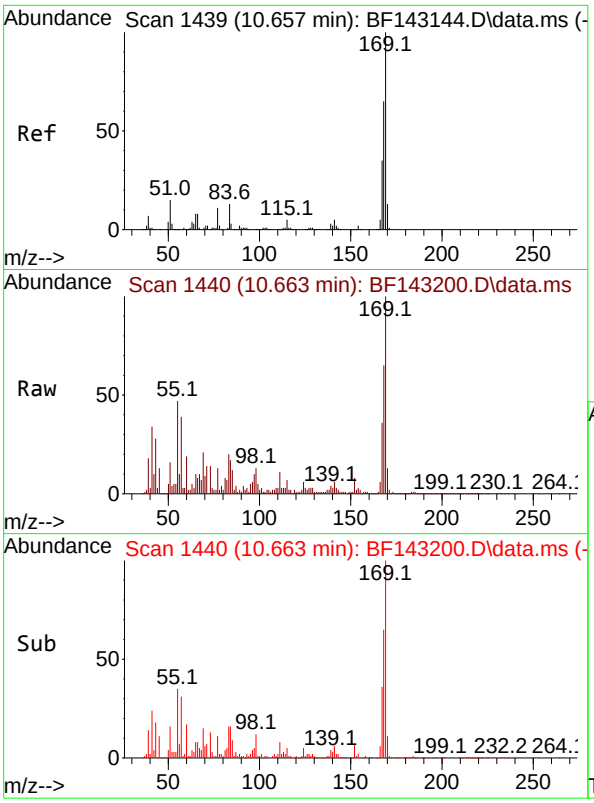


#65
4,6-Dinitro-2-methylphenol
Concen: 27.426 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:198 Resp: 35210

Ion	Ratio	Lower	Upper
198	100		
51	63.8	37.2	77.2
105	60.5	24.8	64.8

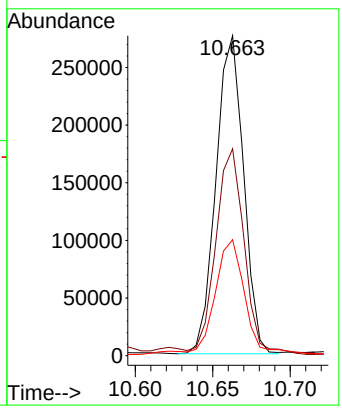




#66
n-Nitrosodiphenylamine
Concen: 35.882 ng
RT: 10.663 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:169 Resp: 34204

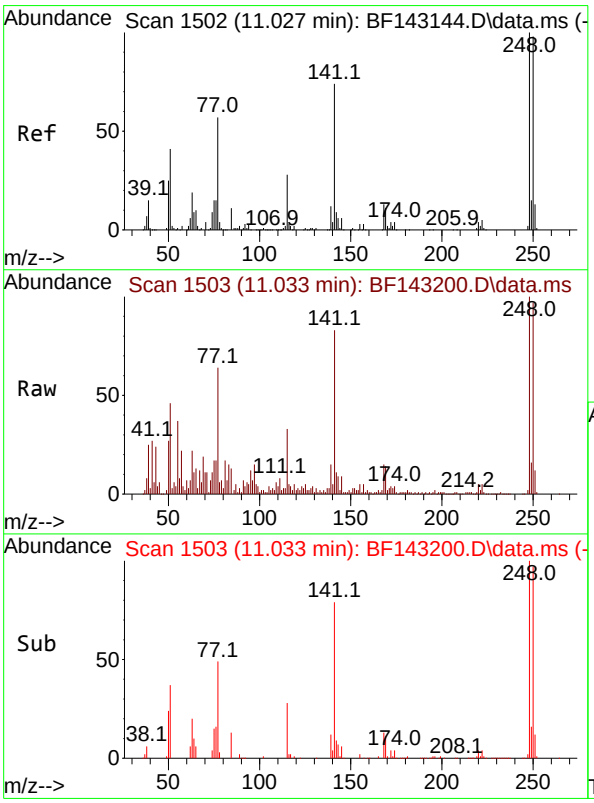
Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.1	78.1
167	36.3	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

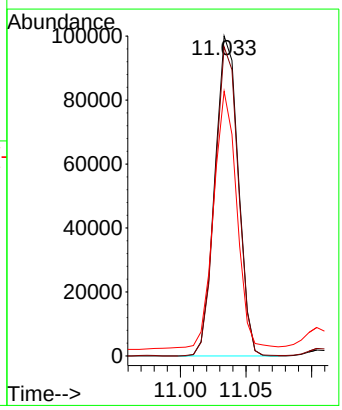
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

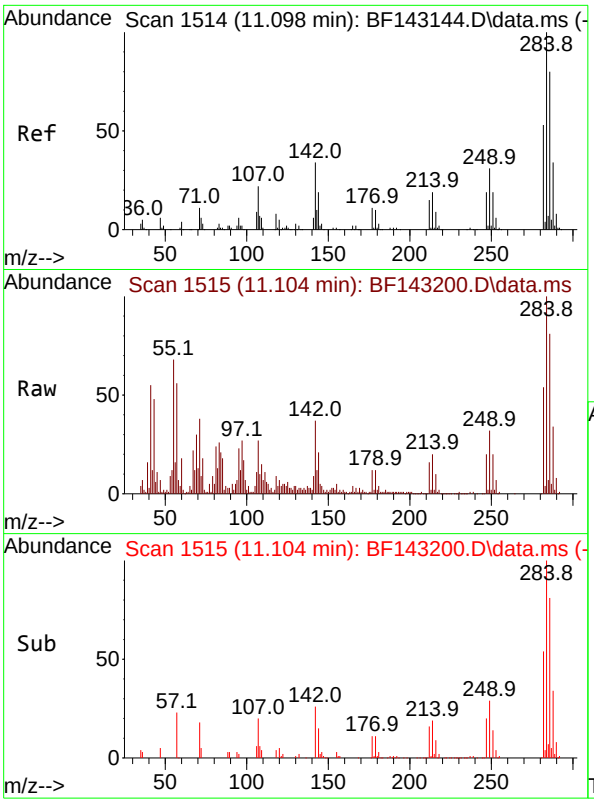


#67
4-Bromophenyl-phenylether
Concen: 38.423 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:248 Resp: 123959

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.3	117.5
141	82.7	59.2	88.8

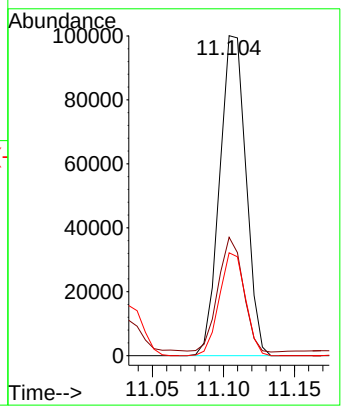




#68
Hexachlorobenzene
Concen: 38.298 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:284 Resp: 12914

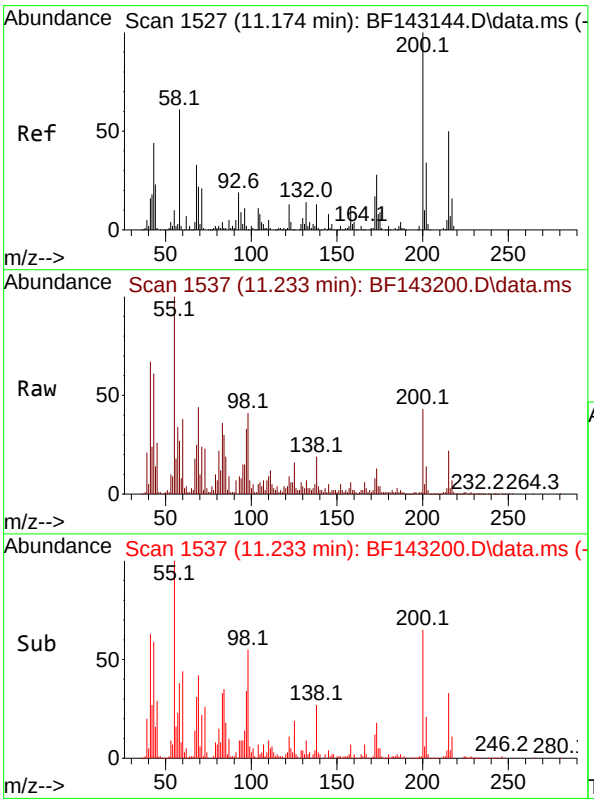
Ion	Ratio	Lower	Upper
284	100		
142	37.0	27.0	40.6
249	32.2	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

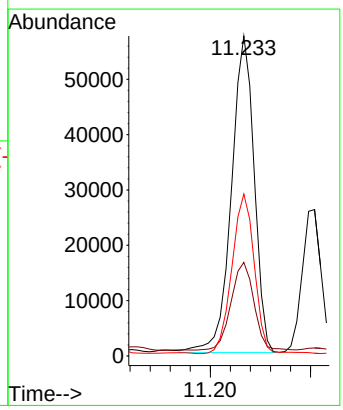
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

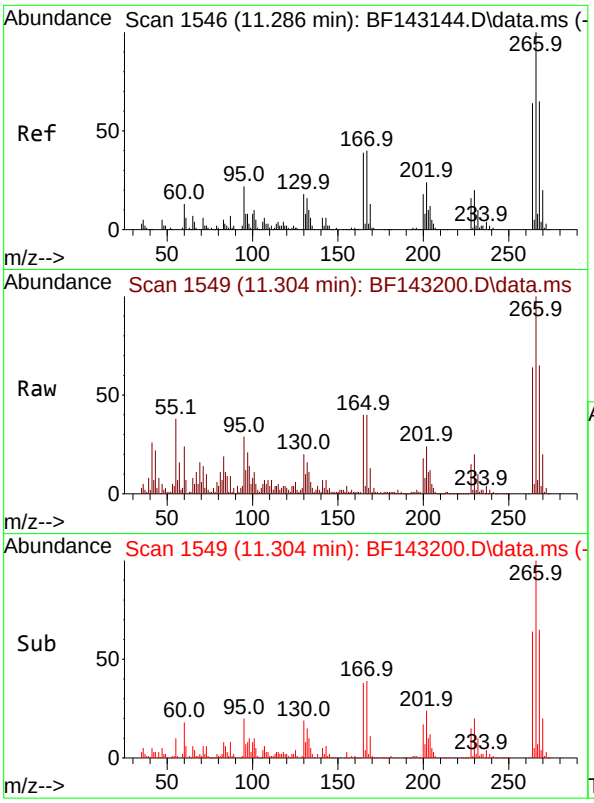


#69
Atrazine
Concen: 34.333 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.059 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:200 Resp: 90228

Ion	Ratio	Lower	Upper
200	100		
173	29.2	7.9	47.9
215	50.6	30.1	70.1

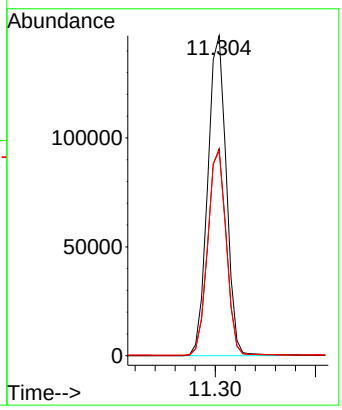




#70
Pentachlorophenol
Concen: 95.559 ng
RT: 11.304 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:266 Resp: 18949

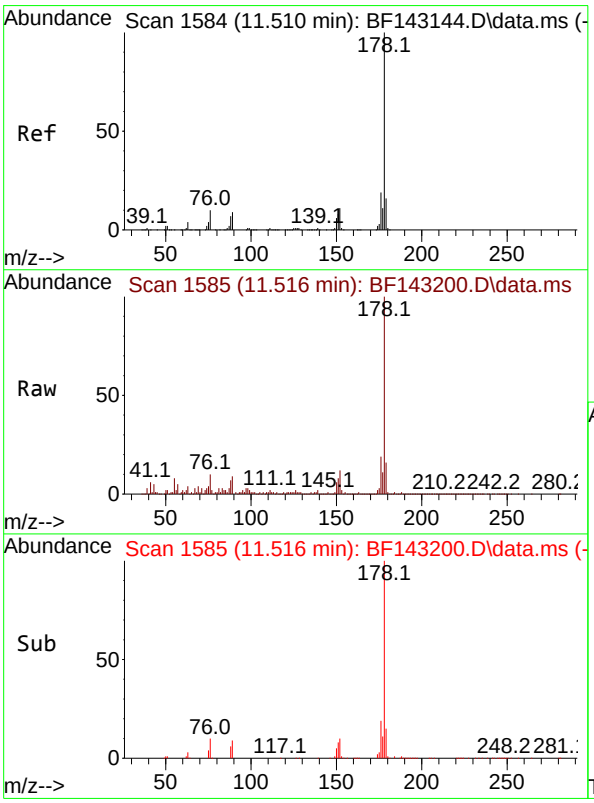
Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	63.9	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

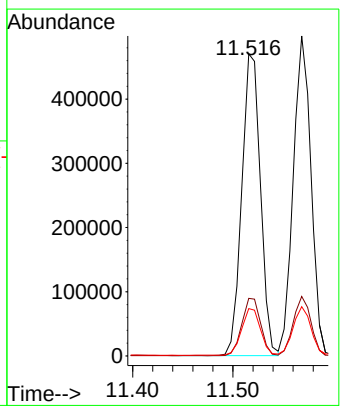
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

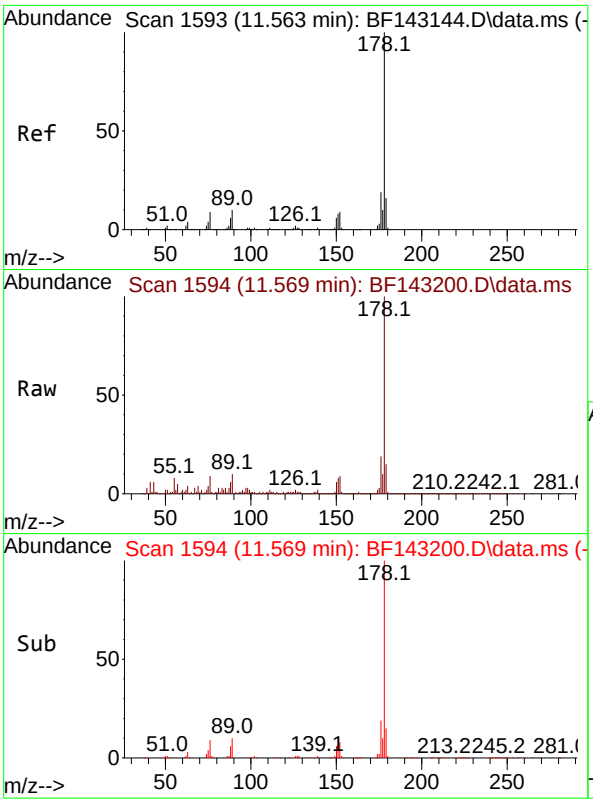


#71
Phenanthrene
Concen: 42.391 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:178 Resp: 609324

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.5	18.7

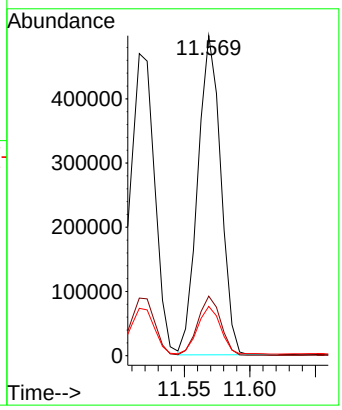




#72
Anthracene
Concen: 41.463 ng
RT: 11.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:178 Resp: 60783

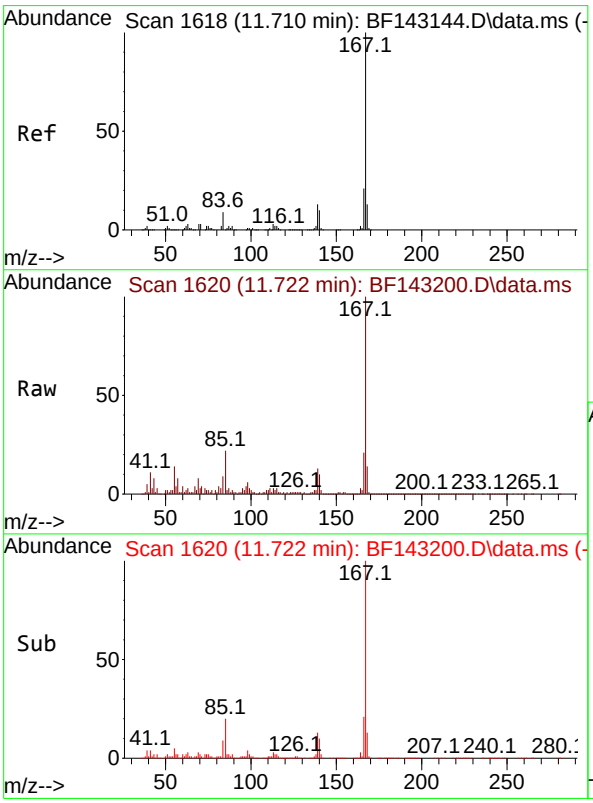
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
APPROVED

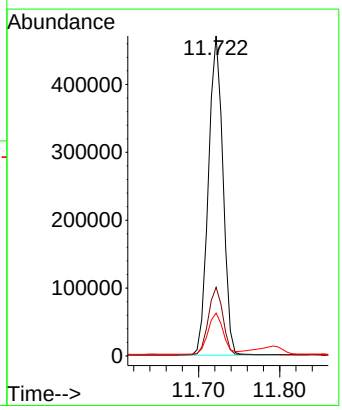
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

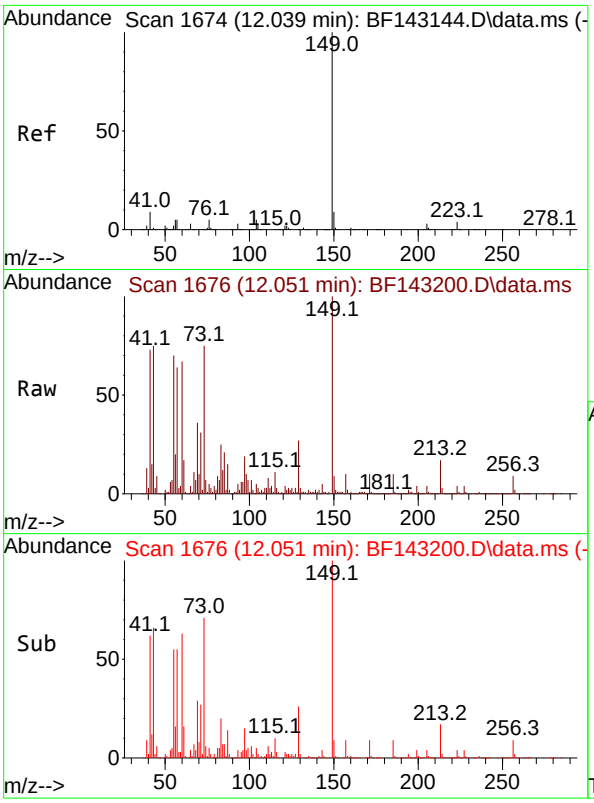


#73
Carbazole
Concen: 45.541 ng
RT: 11.722 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:167 Resp: 582966

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.4	10.0	15.0

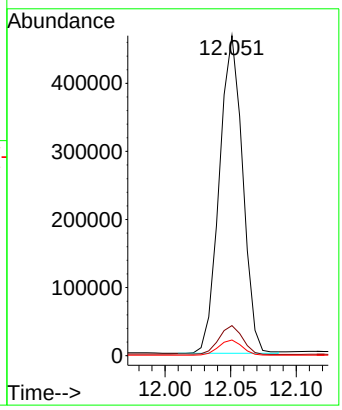




#74
Di-n-butylphthalate
Concen: 39.918 ng
RT: 12.051 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 57817

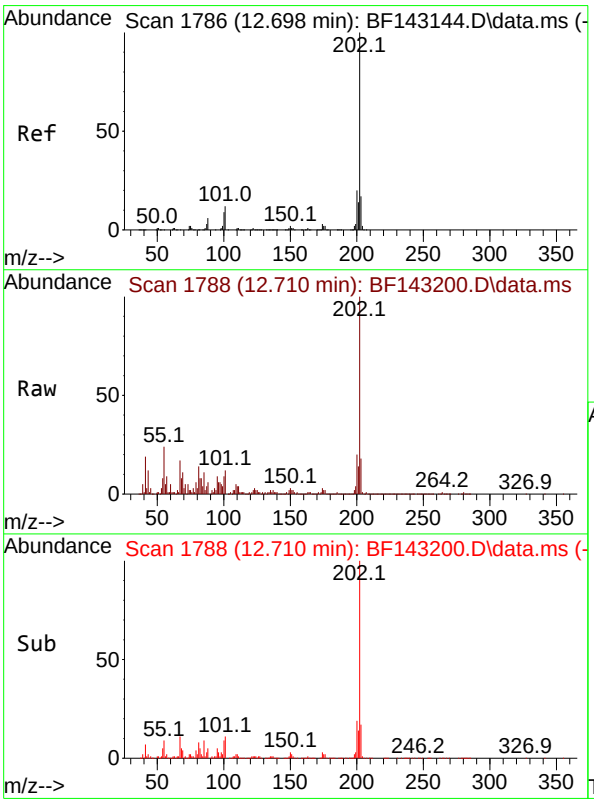
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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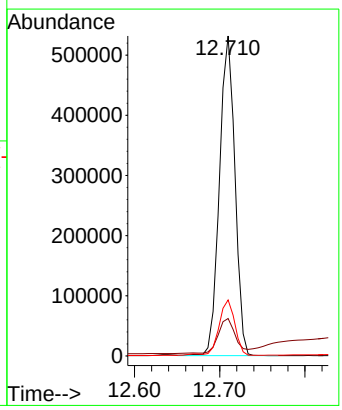
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

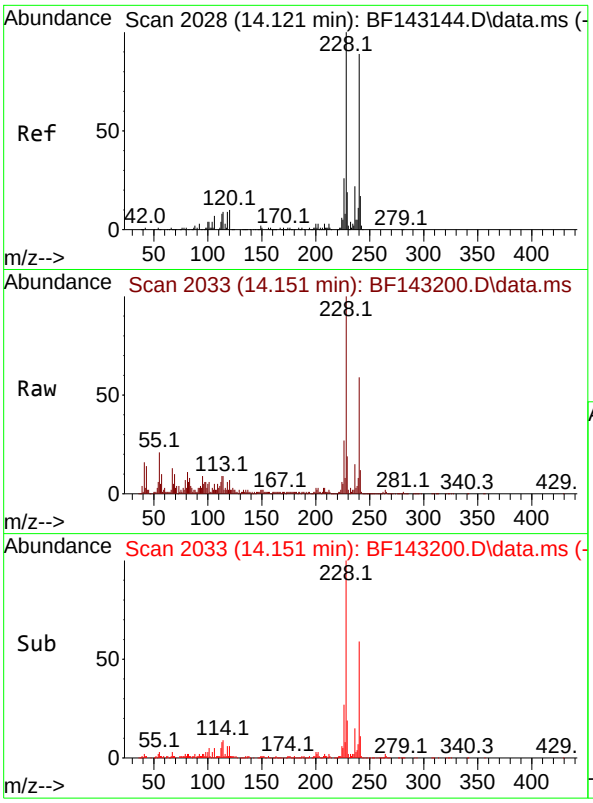


#75
Fluoranthene
Concen: 50.942 ng
RT: 12.710 min Scan# 1788
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:202 Resp: 672099

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.5	0.0	37.4

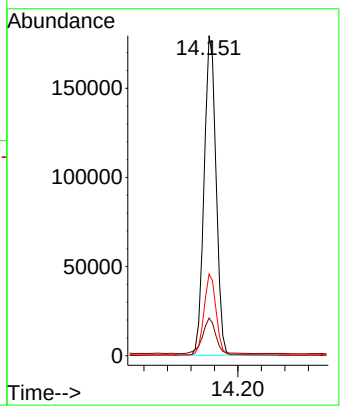




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:240 Resp: 25221

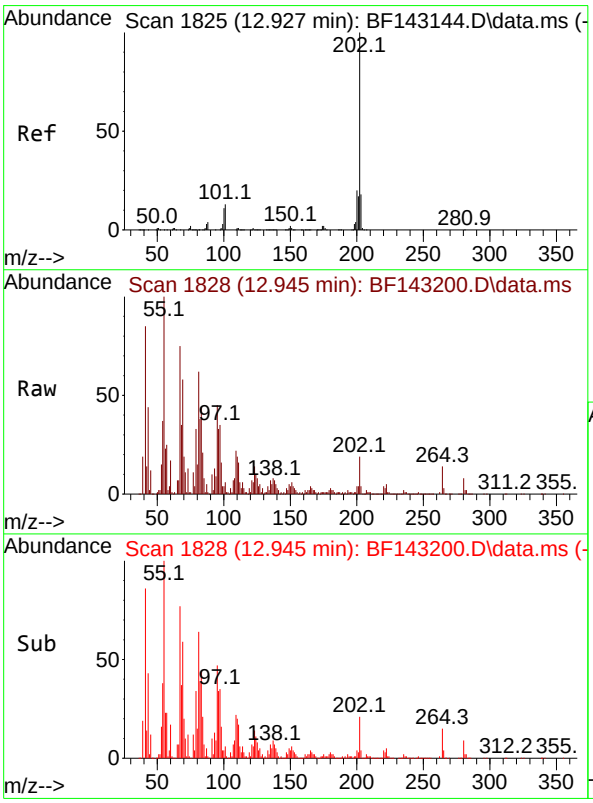
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	25.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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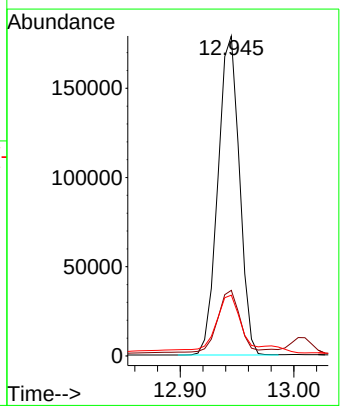
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

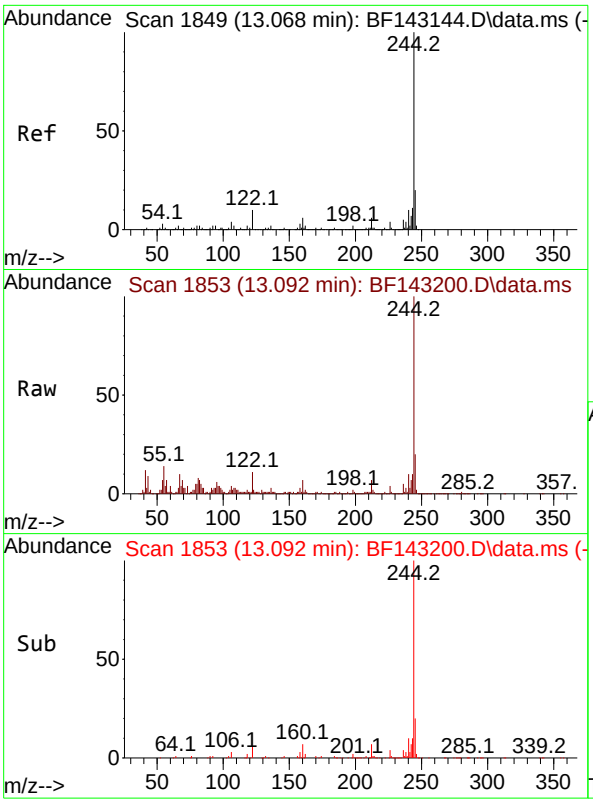


#78
Pyrene
Concen: 10.941 ng
RT: 12.945 min Scan# 1828
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:202 Resp: 235511

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.7	23.5
203	19.0	14.2	21.2





#79
Terphenyl-d14
Concen: 50.512 ng
RT: 13.092 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

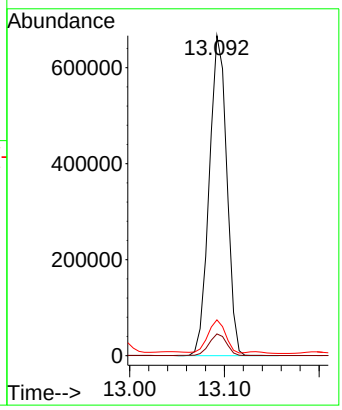
Tgt Ion:244 Resp: 85609

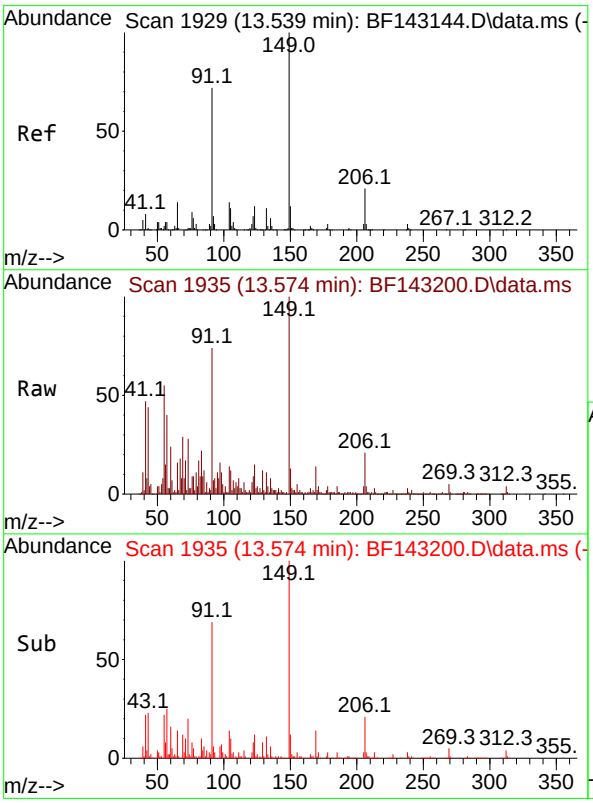
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	11.2	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

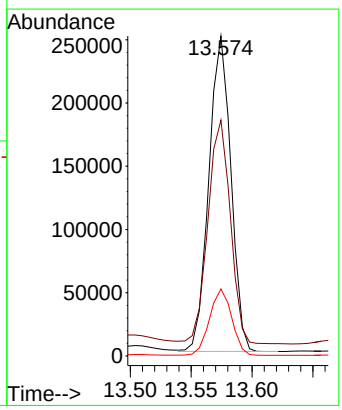


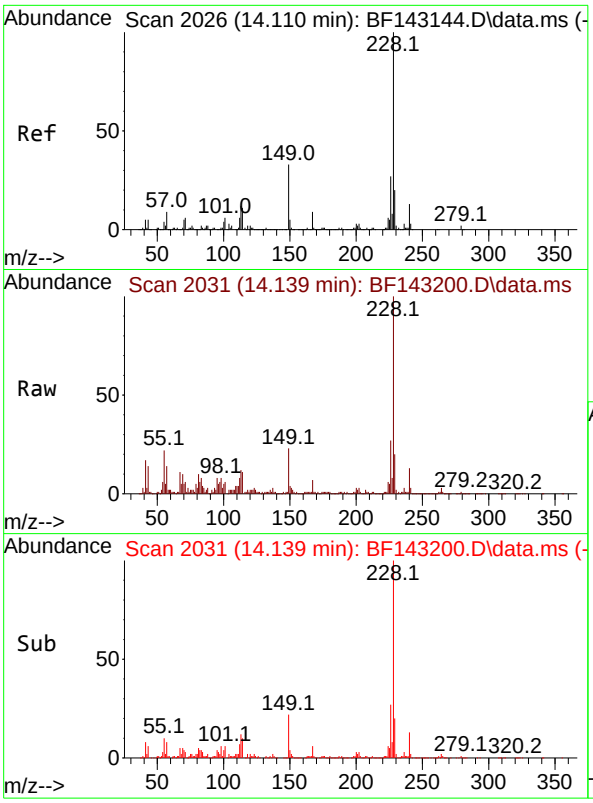


#80
Butylbenzylphthalate
Concen: 47.739 ng
RT: 13.574 min Scan# 1935
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 314657

Ion	Ratio	Lower	Upper
149	100		
91	73.7	57.9	86.9
206	20.9	17.0	25.4

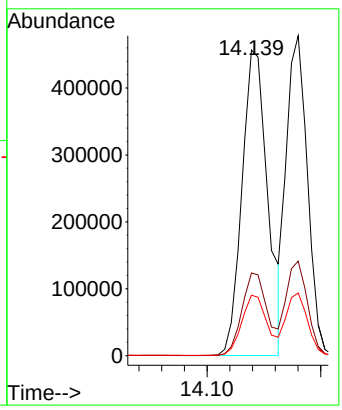




#81
Benzo(a)anthracene
Concen: 42.598 ng
RT: 14.139 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:228 Resp: 71928

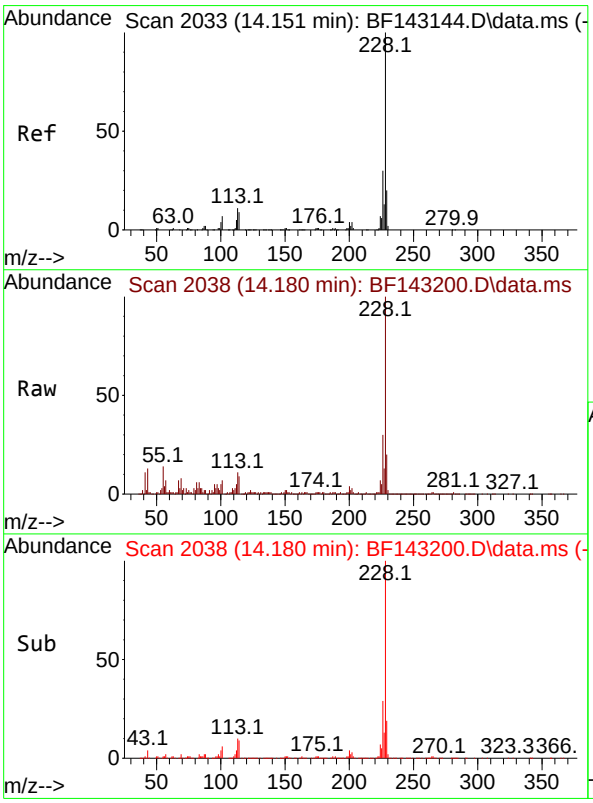
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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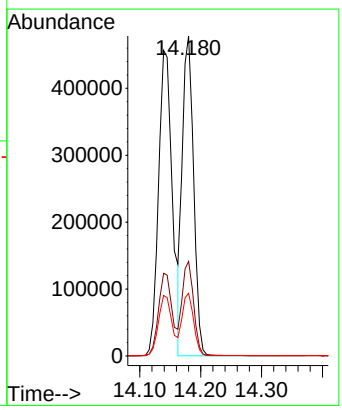
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

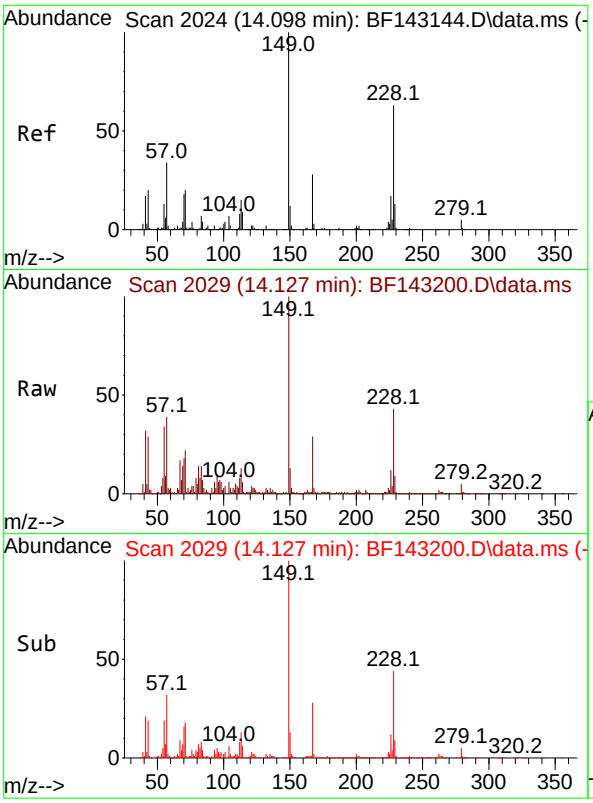


#83
Chrysene
Concen: 40.588 ng
RT: 14.180 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:228 Resp: 616188

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.6	15.6	23.4

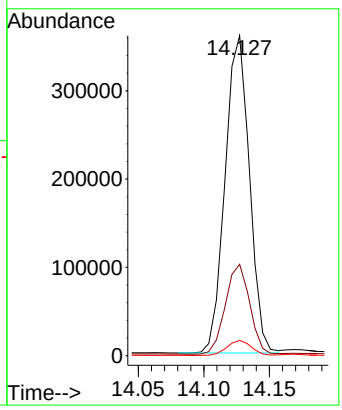




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.508 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 46398

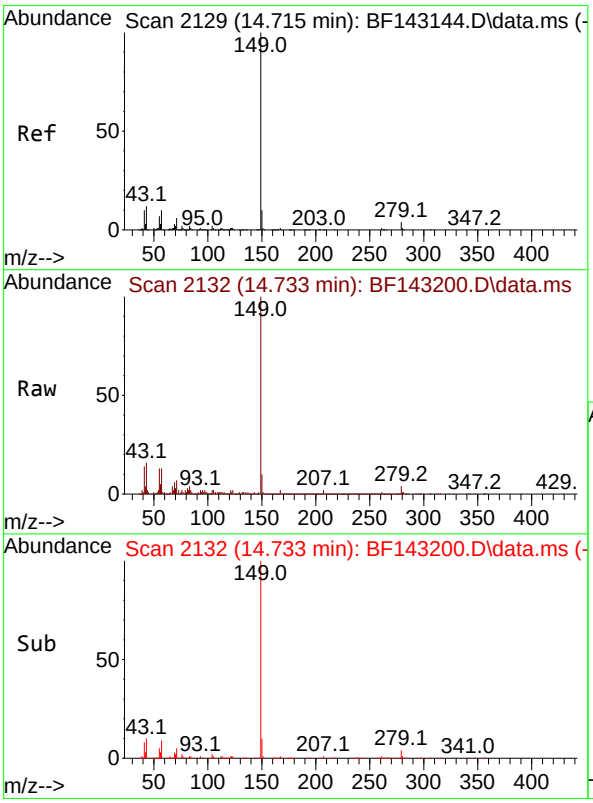
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.8	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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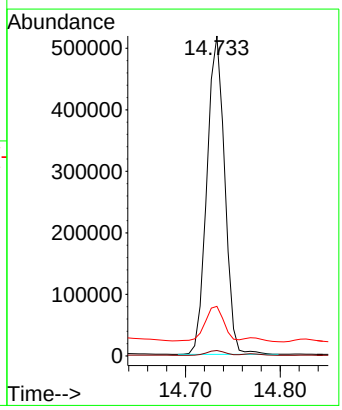
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

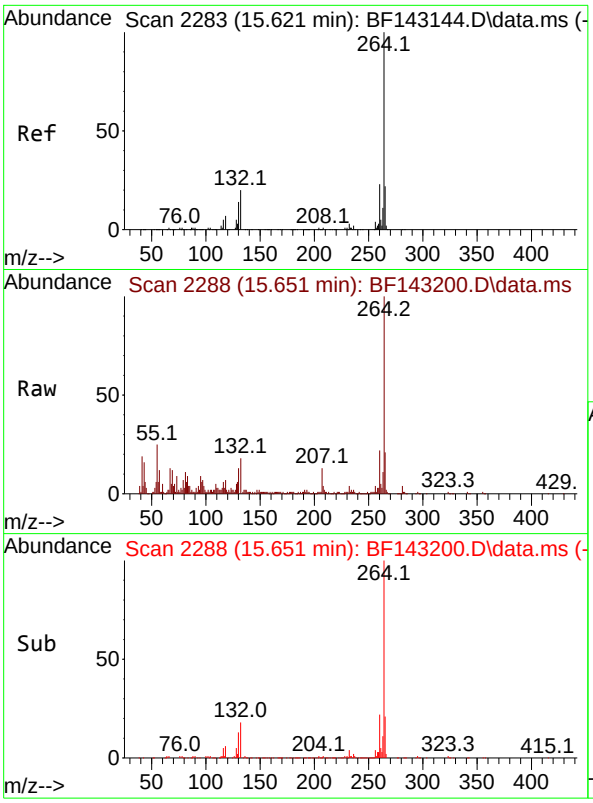


#85
Di-n-octyl phthalate
Concen: 37.243 ng
RT: 14.733 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 673481

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	9.7	14.5

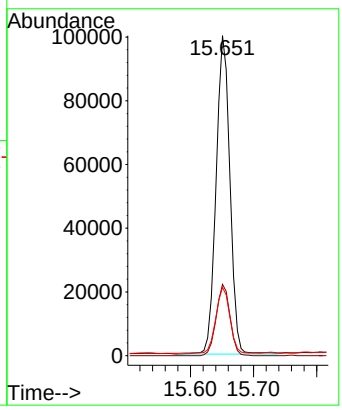




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:264 Resp: 15237

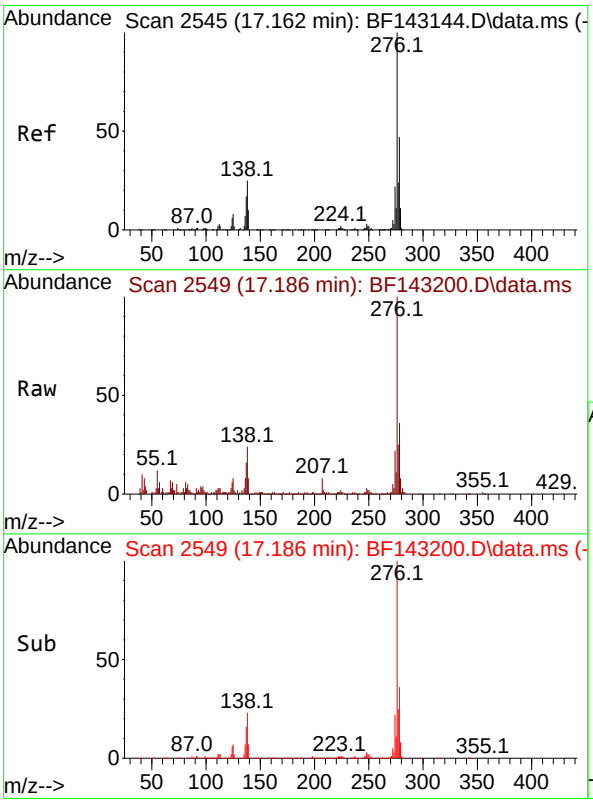
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.4	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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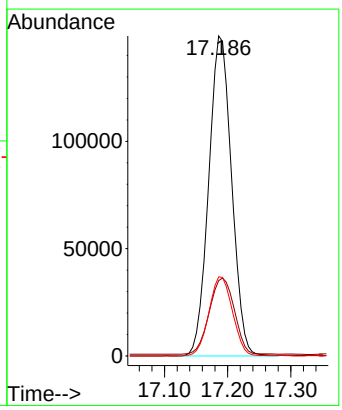
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

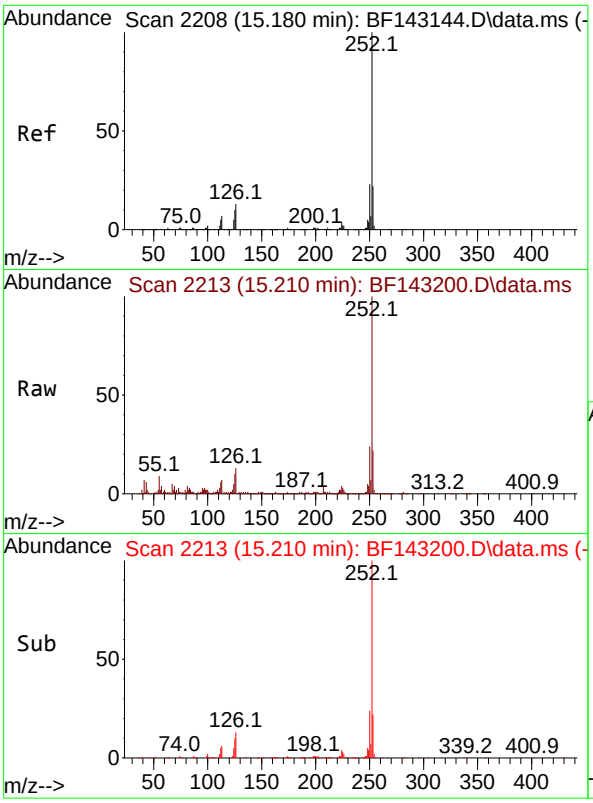


#87
Indeno(1,2,3-cd)pyrene
Concen: 34.985 ng
RT: 17.186 min Scan# 2549
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:276 Resp: 375905

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.6
277	25.5	20.0	30.0

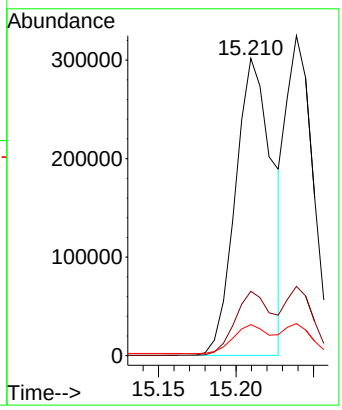




#88
Benzo(b)fluoranthene
Concen: 53.620 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:252 Resp: 49914

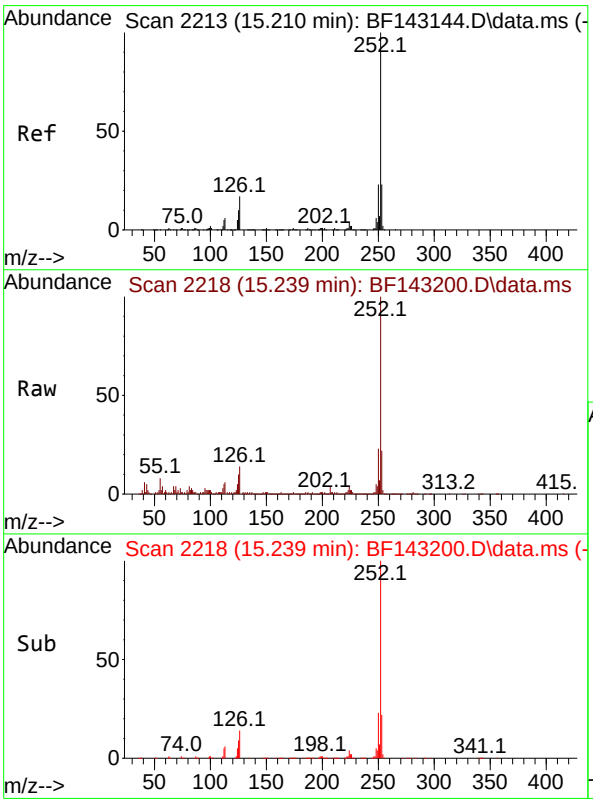
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.4	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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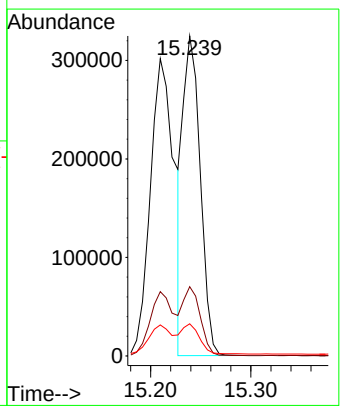
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

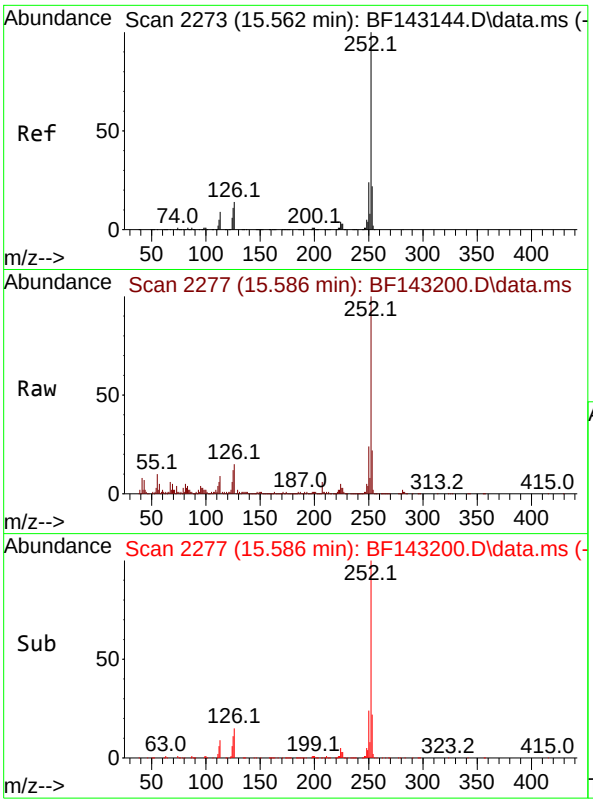


#89
Benzo(k)fluoranthene
Concen: 46.729 ng
RT: 15.239 min Scan# 2218
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:252 Resp: 388170

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.0	8.1	12.1

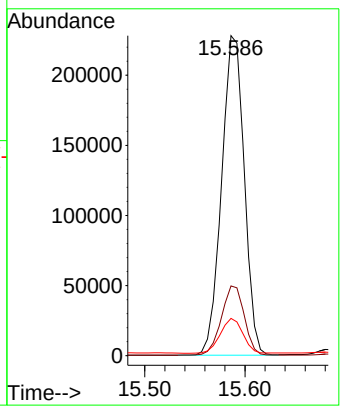




#90
Benzo(a)pyrene
Concen: 41.751 ng
RT: 15.586 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:252 Resp: 35808

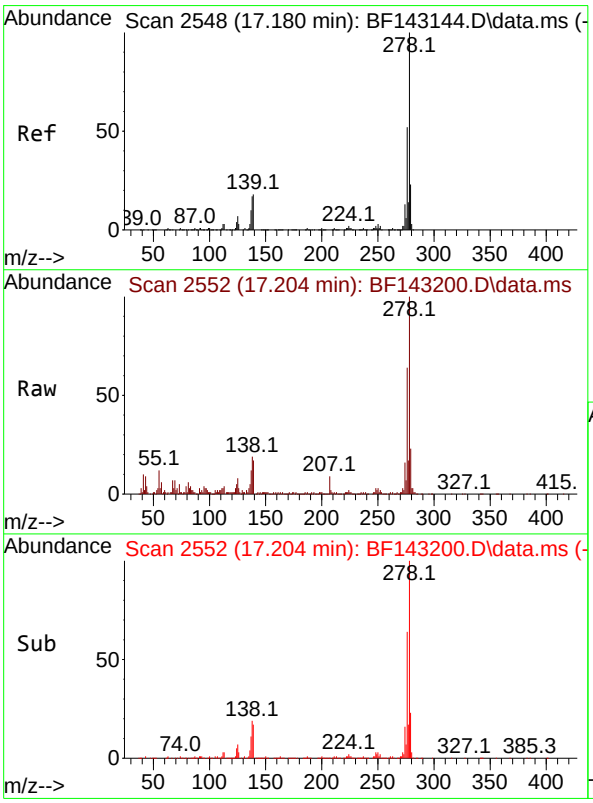
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.6	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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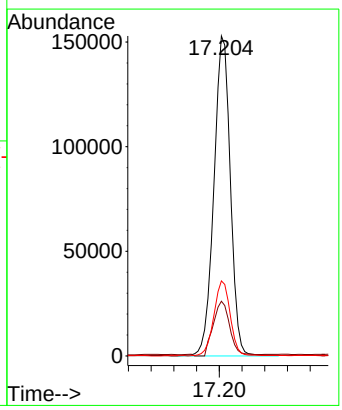
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

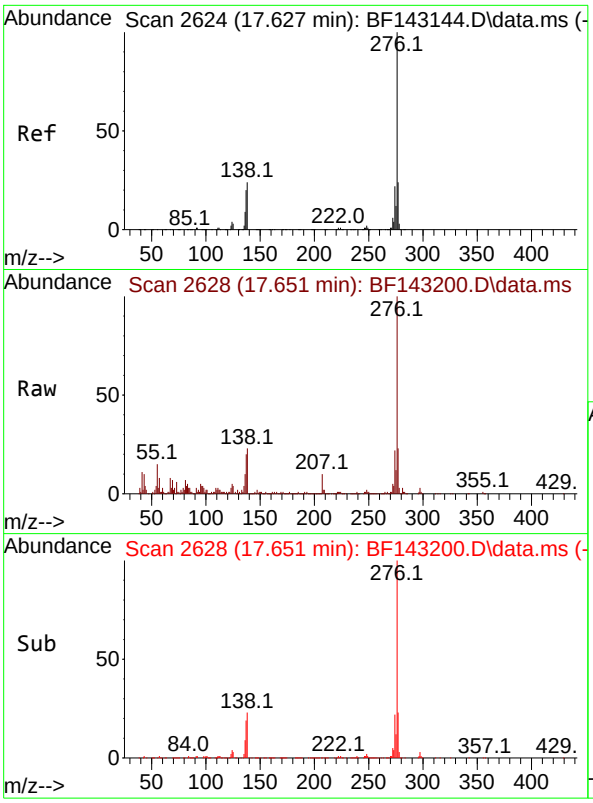


#91
Dibenzo(a,h)anthracene
Concen: 35.236 ng
RT: 17.204 min Scan# 2552
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:278 Resp: 308156

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.1	21.1
279	23.5	18.6	28.0

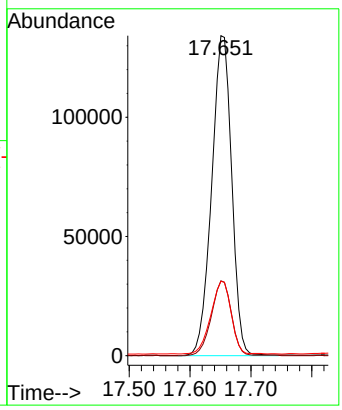




#92
Benzo(g,h,i)perylene
Concen: 36.245 ng
RT: 17.651 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:276 Resp: 30662

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	23.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

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

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf072225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2646-03MS	BF143199.D	1,3-Dichlorobenzene	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,2"-oxybis(1-Chloropropane)	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	Caprolactam	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3,3"-Dichlorobenzidine	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	Caprolactam	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF072325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168954BS	BF143213.D	Caprolactam	Rahul	7/24/2025 10:38:12 AM	Jagrut	7/24/2025 12:02:16 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP072125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025197.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:45 AM	Jagrut	7/22/2025 9:10:15 AM	Peak Integrated by Software
SSTDICC050	BP025201.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:47 AM	Jagrut	7/22/2025 9:10:18 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Caprolactam	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Chrysene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICV040	BP025204.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:52 AM	Jagrut	7/22/2025 9:10:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP072325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025226.D	Indeno(1,2,3-cd)pyrene	Rahul	7/24/2025 10:42:20 AM	Jagrut	7/24/2025 12:01:09 PM	Peak Integrated by Software
SSTDCCC040	BP025228.D	Indeno(1,2,3-cd)pyrene	Rahul	7/24/2025 10:42:29 AM	Jagrut	7/24/2025 12:01:11 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143176.D	22 Jul 2025 07:48	RC/JU	Ok
2	SSTDCCC040	BF143177.D	22 Jul 2025 08:46	RC/JU	Ok
3	PB168929BL	BF143178.D	22 Jul 2025 09:15	RC/JU	Ok
4	PB168813BS	BF143179.D	22 Jul 2025 09:44	RC/JU	Ok,M
5	Q2635-01MS	BF143180.D	22 Jul 2025 10:26	RC/JU	Ok,M
6	Q2635-01MSD	BF143181.D	22 Jul 2025 10:55	RC/JU	Ok,M
7	Q2638-01	BF143182.D	22 Jul 2025 11:25	RC/JU	Ok,M
8	Q2638-03	BF143183.D	22 Jul 2025 11:54	RC/JU	Ok,M
9	Q2638-05	BF143184.D	22 Jul 2025 12:23	RC/JU	Ok,M
10	Q2638-07	BF143185.D	22 Jul 2025 12:52	RC/JU	ReRun
11	Q2638-09	BF143186.D	22 Jul 2025 13:21	RC/JU	Ok,M
12	SSTDCCC040	BF143187.D	22 Jul 2025 13:55	RC/JU	Ok
13	DFTPP	BF143188.D	22 Jul 2025 14:54	RC/JU	Ok
14	SSTDCCC040	BF143189.D	22 Jul 2025 15:23	RC/JU	Ok
15	PB168954BL	BF143190.D	22 Jul 2025 15:52	RC/JU	Ok
16	Q2641-02	BF143191.D	22 Jul 2025 16:26	RC/JU	Ok
17	Q2649-04	BF143192.D	22 Jul 2025 16:55	RC/JU	Ok,M
18	Q2649-08	BF143193.D	22 Jul 2025 17:25	RC/JU	Ok
19	Q2649-12	BF143194.D	22 Jul 2025 17:54	RC/JU	Ok
20	Q2649-16	BF143195.D	22 Jul 2025 18:23	RC/JU	Ok
21	Q2649-20	BF143196.D	22 Jul 2025 18:53	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2649-24	BF143197.D	22 Jul 2025 19:22	RC/JU	Ok
23	Q2646-03	BF143198.D	22 Jul 2025 19:51	RC/JU	Ok
24	Q2646-03MS	BF143199.D	22 Jul 2025 20:20	RC/JU	Ok,M
25	Q2646-03MSD	BF143200.D	22 Jul 2025 20:49	RC/JU	Ok,M
26	Q2649-21	BF143201.D	22 Jul 2025 21:18	RC/JU	Ok
27	Q2649-13	BF143202.D	22 Jul 2025 21:48	RC/JU	Ok
28	Q2658-02	BF143203.D	22 Jul 2025 22:17	RC/JU	Ok
29	Q2658-01	BF143204.D	22 Jul 2025 22:46	RC/JU	Ok,M
30	Q2660-01	BF143205.D	22 Jul 2025 23:15	RC/JU	Ok
31	Q2649-17	BF143206.D	22 Jul 2025 23:43	RC/JU	Ok,M
32	Q2649-01	BF143207.D	23 Jul 2025 00:12	RC/JU	Ok,M
33	Q2660-03	BF143208.D	23 Jul 2025 00:41	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143209.D	23 Jul 2025 13:34	RC/JU	Ok
2	SSTDCCC040	BF143210.D	23 Jul 2025 14:33	RC/JU	Ok
3	PB168926TB	BF143211.D	23 Jul 2025 15:02	RC/JU	Ok
4	PB168929BS	BF143212.D	23 Jul 2025 15:31	RC/JU	Ok,M
5	PB168954BS	BF143213.D	23 Jul 2025 16:00	RC/JU	Ok,M
6	PB168948BL	BF143214.D	23 Jul 2025 16:30	RC/JU	Ok
7	PB168948BS	BF143215.D	23 Jul 2025 16:59	RC/JU	Ok,M
8	Q2645-02	BF143216.D	23 Jul 2025 17:28	RC/JU	Ok
9	Q2649-05	BF143217.D	23 Jul 2025 17:57	RC/JU	Ok
10	Q2649-09	BF143218.D	23 Jul 2025 18:26	RC/JU	Ok
11	Q2649-09MS	BF143219.D	23 Jul 2025 18:56	RC/JU	Ok,M
12	Q2649-09MSD	BF143220.D	23 Jul 2025 19:25	RC/JU	Ok,M
13	SSTDCCC040	BF143221.D	23 Jul 2025 19:54	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025194.D	21 Jul 2025 13:02	CG/JU	Ok
2	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	CG/JU	Not Ok
3	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25	CG/JU	Ok
4	SSTDICC005	BP025197.D	21 Jul 2025 15:06	CG/JU	Ok,M
5	SSTDICC010	BP025198.D	21 Jul 2025 15:47	CG/JU	Ok
6	SSTDICC020	BP025199.D	21 Jul 2025 16:29	CG/JU	Ok
7	SSTDICCC040	BP025200.D	21 Jul 2025 17:10	CG/JU	Ok
8	SSTDICC050	BP025201.D	21 Jul 2025 17:51	CG/JU	Ok,M
9	SSTDICC060	BP025202.D	21 Jul 2025 18:32	CG/JU	Ok
10	SSTDICC080	BP025203.D	21 Jul 2025 19:14	CG/JU	Ok,M
11	SSTDICV040	BP025204.D	21 Jul 2025 19:55	CG/JU	Ok,M
12	PB168854BL	BP025205.D	21 Jul 2025 21:58	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072325

Review By	Rahul	Review On	7/23/2025 2:45:09 PM				
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:29 PM				
SubDirectory	BP072325	HP Acquire Method	BNA_P		HP Processing Method	bp072125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025218.D	23 Jul 2025 10:41	CG/JU	Ok
2	SSTDCCC040	BP025219.D	23 Jul 2025 11:22	CG/JU	Ok
3	PB168919TB	BP025220.D	23 Jul 2025 12:03	CG/JU	Ok
4	Q2638-13	BP025221.D	23 Jul 2025 12:47	CG/JU	ReRun
5	Q2639-01	BP025222.D	23 Jul 2025 13:28	CG/JU	ReRun
6	Q2639-13	BP025223.D	23 Jul 2025 14:09	CG/JU	Ok
7	Q2638-07RE	BP025224.D	23 Jul 2025 14:51	CG/JU	Confirms
8	Q2638-11	BP025225.D	23 Jul 2025 15:32	CG/JU	ReRun
9	SSTDCCC040	BP025226.D	23 Jul 2025 16:13	CG/JU	Ok,M
10	DFTPP	BP025227.D	23 Jul 2025 16:54	CG/JU	Ok
11	SSTDCCC040	BP025228.D	23 Jul 2025 18:16	CG/JU	Ok,M
12	PB168919TB	BP025229.D	23 Jul 2025 18:58	CG/JU	Not Ok
13	Q2638-13RE	BP025230.D	23 Jul 2025 19:39	CG/JU	Confirms
14	Q2639-01RE	BP025231.D	23 Jul 2025 20:20	CG/JU	Confirms
15	Q2638-11RE	BP025232.D	23 Jul 2025 21:01	CG/JU	Confirms
16	SSTDCCC040	BP025233.D	23 Jul 2025 21:42	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143176.D	22 Jul 2025 07:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143177.D	22 Jul 2025 08:46		RC/JU	Ok
3	PB168929BL	PB168929BL	BF143178.D	22 Jul 2025 09:15		RC/JU	Ok
4	PB168813BS	PB168813BS	BF143179.D	22 Jul 2025 09:44		RC/JU	Ok,M
5	Q2635-01MS	RT2286MS	BF143180.D	22 Jul 2025 10:26		RC/JU	Ok,M
6	Q2635-01MSD	RT2286MSD	BF143181.D	22 Jul 2025 10:55		RC/JU	Ok,M
7	Q2638-01	OU4-TS-31-071725	BF143182.D	22 Jul 2025 11:25		RC/JU	Ok,M
8	Q2638-03	OU4-TS-32-071725	BF143183.D	22 Jul 2025 11:54		RC/JU	Ok,M
9	Q2638-05	OU4-TS-33-071725	BF143184.D	22 Jul 2025 12:23		RC/JU	Ok,M
10	Q2638-07	OU4-TS-34-071725	BF143185.D	22 Jul 2025 12:52	Surrogate Fail	RC/JU	ReRun
11	Q2638-09	OU4-TS-35-071725	BF143186.D	22 Jul 2025 13:21		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143187.D	22 Jul 2025 13:55		RC/JU	Ok
13	DFTPP	DFTPP	BF143188.D	22 Jul 2025 14:54		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF143189.D	22 Jul 2025 15:23		RC/JU	Ok
15	PB168954BL	PB168954BL	BF143190.D	22 Jul 2025 15:52		RC/JU	Ok
16	Q2641-02	P001-CONCRETE001-	BF143191.D	22 Jul 2025 16:26		RC/JU	Ok
17	Q2649-04	WC-1	BF143192.D	22 Jul 2025 16:55		RC/JU	Ok,M
18	Q2649-08	WC-2	BF143193.D	22 Jul 2025 17:25		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2649-12	WC-3	BF143194.D	22 Jul 2025 17:54		RC/JU	Ok
20	Q2649-16	WC-4	BF143195.D	22 Jul 2025 18:23		RC/JU	Ok
21	Q2649-20	WC-5	BF143196.D	22 Jul 2025 18:53		RC/JU	Ok
22	Q2649-24	WC-6	BF143197.D	22 Jul 2025 19:22		RC/JU	Ok
23	Q2646-03	FRAC TANK	BF143198.D	22 Jul 2025 19:51	Internal standard fail.	RC/JU	Ok
24	Q2646-03MS	FRAC TANKMS	BF143199.D	22 Jul 2025 20:20		RC/JU	Ok,M
25	Q2646-03MSD	FRAC TANKMSD	BF143200.D	22 Jul 2025 20:49		RC/JU	Ok,M
26	Q2649-21	WC-6	BF143201.D	22 Jul 2025 21:18		RC/JU	Ok
27	Q2649-13	WC-4	BF143202.D	22 Jul 2025 21:48		RC/JU	Ok
28	Q2658-02	PAD-072125-2	BF143203.D	22 Jul 2025 22:17		RC/JU	Ok
29	Q2658-01	PAD-072125-1	BF143204.D	22 Jul 2025 22:46	Internal standard fail.	RC/JU	Ok,M
30	Q2660-01	MOO-25-0205	BF143205.D	22 Jul 2025 23:15	Internal standard fail.	RC/JU	Ok
31	Q2649-17	WC-5	BF143206.D	22 Jul 2025 23:43		RC/JU	Ok,M
32	Q2649-01	WC-1	BF143207.D	23 Jul 2025 00:12		RC/JU	Ok,M
33	Q2660-03	MOO-25-0218	BF143208.D	23 Jul 2025 00:41	Internal standard fail	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143209.D	23 Jul 2025 13:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143210.D	23 Jul 2025 14:33		RC/JU	Ok
3	PB168926TB	PB168926TB	BF143211.D	23 Jul 2025 15:02		RC/JU	Ok
4	PB168929BS	PB168929BS	BF143212.D	23 Jul 2025 15:31		RC/JU	Ok,M
5	PB168954BS	PB168954BS	BF143213.D	23 Jul 2025 16:00		RC/JU	Ok,M
6	PB168948BL	PB168948BL	BF143214.D	23 Jul 2025 16:30		RC/JU	Ok
7	PB168948BS	PB168948BS	BF143215.D	23 Jul 2025 16:59		RC/JU	Ok,M
8	Q2645-02	RW5B-CARBON-2025(	BF143216.D	23 Jul 2025 17:28	Surrogate Fail	RC/JU	Ok
9	Q2649-05	WC-2	BF143217.D	23 Jul 2025 17:57		RC/JU	Ok
10	Q2649-09	WC-3	BF143218.D	23 Jul 2025 18:26		RC/JU	Ok
11	Q2649-09MS	WC-3MS	BF143219.D	23 Jul 2025 18:56		RC/JU	Ok,M
12	Q2649-09MSD	WC-3MSD	BF143220.D	23 Jul 2025 19:25		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143221.D	23 Jul 2025 19:54		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025194.D	21 Jul 2025 13:02		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025197.D	21 Jul 2025 15:06		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025198.D	21 Jul 2025 15:47		CG/JU	Ok
6	SSTDICC020	SSTDICC020	BP025199.D	21 Jul 2025 16:29		CG/JU	Ok
7	SSTDICCC040	SSTDICCC040	BP025200.D	21 Jul 2025 17:10		CG/JU	Ok
8	SSTDICC050	SSTDICC050	BP025201.D	21 Jul 2025 17:51		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025202.D	21 Jul 2025 18:32		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025203.D	21 Jul 2025 19:14	Compound#79 removed from 80 PPM.	CG/JU	Ok,M
11	SSTDICV040	ICVBP072125	BP025204.D	21 Jul 2025 19:55		CG/JU	Ok,M
12	PB168854BL	PB168854BL	BP025205.D	21 Jul 2025 21:58		CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072325

Review By	Rahul	Review On	7/23/2025 2:45:09 PM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:29 PM		
SubDirectory	BP072325	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025218.D	23 Jul 2025 10:41		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025219.D	23 Jul 2025 11:22		CG/JU	Ok
3	PB168919TB	PB168919TB	BP025220.D	23 Jul 2025 12:03		CG/JU	Ok
4	Q2638-13	OU4-TS-37-071725	BP025221.D	23 Jul 2025 12:47	Surrogate Fail	CG/JU	ReRun
5	Q2639-01	OU4-TS-38-071725	BP025222.D	23 Jul 2025 13:28	Surrogate fail	CG/JU	ReRun
6	Q2639-13	OU4-TS-44-071725	BP025223.D	23 Jul 2025 14:09		CG/JU	Ok
7	Q2638-07RE	OU4-TS-34-071725RE	BP025224.D	23 Jul 2025 14:51	Surrogate Fail	CG/JU	Confirms
8	Q2638-11	OU4-TS-36-071725	BP025225.D	23 Jul 2025 15:32	Surrogate Fail	CG/JU	ReRun
9	SSTDCCC040	SSTDCCC040EC	BP025226.D	23 Jul 2025 16:13		CG/JU	Ok,M
10	DFTPP	DFTPP	BP025227.D	23 Jul 2025 16:54		CG/JU	Ok
11	SSTDCCC040	SSTDCCC040	BP025228.D	23 Jul 2025 18:16		CG/JU	Ok,M
12	PB168919TB	PB168919TB	BP025229.D	23 Jul 2025 18:58	Analyzed for contamination check	CG/JU	Not Ok
13	Q2638-13RE	OU4-TS-37-071725RE	BP025230.D	23 Jul 2025 19:39	Surrogate fail	CG/JU	Confirms
14	Q2639-01RE	OU4-TS-38-071725RE	BP025231.D	23 Jul 2025 20:20	Surrogate fail	CG/JU	Confirms
15	Q2638-11RE	OU4-TS-36-071725RE	BP025232.D	23 Jul 2025 21:01	Surrogate fail	CG/JU	Confirms
16	SSTDCCC040	SSTDCCC040EC	BP025233.D	23 Jul 2025 21:42		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168919

SOP ID : M1311-TCLP-16

SDG No : N/A

Start Prep Date : 07/18/2025 **Time :** 17:00

Weigh By : JP

End Prep Date : 07/19/2025 **Time :** 11:25

Balance ID : WC SC-7

Combination Ratio : 20

pH Meter ID : WC PH METER-1

ZHE Cleaning Batch : ~~N/A~~ 10

Extraction By : JP

Initial Room Temperature: 24 °C

Filter By : JP

Final Room Temperature: 22 °C

Pippete ID : WC

TCLP Technician Signature : JB

Tumbler ID : T-1

Supervisor By : 12

TCLP Filter ID : 115525

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. Particle size reduction is not required. Q2649-24 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/21/25 11:30	JB ICP Room	SIS. RJ / EXT
	Preparation Group	Analysis Group INST DJ

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168919

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168919TB	LEB919	N/A	N/A	N/A	N/A	N/A	N/A
Q2622-04	2819	N/A	N/A	N/A	N/A	100	N/A
Q2641-02	P001-CONCRETE001-01	N/A	N/A	N/A	N/A	100	N/A
Q2645-03	RW5B-CARBON-20250716	N/A	N/A	N/A	N/A	100	N/A
Q2649-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q2649-08	WC-2	N/A	N/A	N/A	N/A	100	N/A
Q2649-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q2649-16	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q2649-20	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q2649-24	WC-6	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168919

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168919TB	LEB919	N/A	N/A	N/A	N/A	#1	4.93
Q2622-04	2819	5.02	96.5	6.2	2.0	#1	4.93
Q2641-02	P001-CONCRETE001-01	5.01	96.5	12.0	4.5	#1	4.93
Q2645-03	RW5B-CARBON-20250716	5.01	96.5	5.5	1.5	#1	4.93
Q2649-04	WC-1	5.02	96.5	7.6	2.5	#1	4.93
Q2649-08	WC-2	5.03	96.5	7.0	2.0	#1	4.93
Q2649-12	WC-3	5.02	96.5	8.4	3.0	#1	4.93
Q2649-16	WC-4	5.01	96.5	6.0	2.0	#1	4.93
Q2649-20	WC-5	5.02	96.5	6.6	2.0	#1	4.93
Q2649-24	WC-6	5.03	96.5	6.0	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2649 **WorkList ID :** 190827 **Department :** TCLP Extraction **Date :** 07-18-2025 15:01:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2622-04	2819	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/16/2025	1311
Q2641-02	P001-CONCRETE001-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	O22	07/16/2025	1311
Q2645-03	RW5B-CARBON-20250716	Solid	TCLP Extraction	Cool 4 deg C	TETR06	O41	07/16/2025	1311
Q2649-04	WC-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311
Q2649-08	WC-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311
Q2649-12	WC-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311
Q2649-16	WC-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311
Q2649-20	WC-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311
Q2649-24	WC-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/18/2025	1311

Date/Time 07/18/26 1535
Raw Sample Received by: WC
Raw Sample Relinquished by: SM

Date/Time 07/18/26 18:00
Raw Sample Received by: SM
Raw Sample Relinquished by: WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168954

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 07/22/2025

Extraction Start Time : 09:10

Extraction End Date : 07/22/2025

Extraction End Time : 14:10

Concentration By: EH

Supervisor By : RUPESH

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	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	E3954
Baked Na2SO4	N/A	EP2625
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25	RS (B4-6&5)	RC/SVOC
14:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168954

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP BNA	100	6	RUPESH	Evelyn	1			SEP-1
PB168926TB	PB168926TB	TCLP BNA	100	6	RUPESH	Evelyn	1			2
PB168954BL	PB168954BL	TCLP BNA	1000	6	RUPESH	Evelyn	1			3
PB168954BS	PB168954BS	TCLP BNA	1000	6	RUPESH	Evelyn	1			4
Q2641-02	P001-CONCRETE001-01	TCLP BNA	100	6	RUPESH	Evelyn	1	A		5
Q2646-03	FRAC TANK	TCLP BNA	100	6	RUPESH	Evelyn	1	A		6
Q2646-03MS	FRAC TANKMS	TCLP BNA	100	6	RUPESH	Evelyn	1	A		7
Q2646-03MSD	FRAC TANKMSD	TCLP BNA	100	6	RUPESH	Evelyn	1	A		8
Q2649-04	WC-1	TCLP BNA	100	6	RUPESH	Evelyn	1	A		9
Q2649-08	WC-2	TCLP BNA	100	6	RUPESH	Evelyn	1	A		10
Q2649-12	WC-3	TCLP BNA	100	6	RUPESH	Evelyn	1	A		11
Q2649-16	WC-4	TCLP BNA	100	6	RUPESH	Evelyn	1	A		12
Q2649-20	WC-5	TCLP BNA	100	6	RUPESH	Evelyn	1	A		13
Q2649-24	WC-6	TCLP BNA	100	6	RUPESH	Evelyn	1	A		14

RS 7/22

* **Extracts relinguished on the same date as received.**

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

Prep Standard - Chemical Standard Summary

Order ID : Q2641

Test : TCLP BNA

Prepbatch ID : PB168954,

Sequence ID/Qc Batch ID: BF072225,BF072325,BP072325,

Standard ID :
EP2609,EP2610,EP2625,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3904,E3926,E3932,E3942,E3946,E3954,M6157,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13168,S13206,S13208,S13209,S13210,S13211,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	EP2609	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

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	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 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	EP2625	07/15/2025	12/04/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 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)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = 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	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = 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
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = 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
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = 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
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = 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
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = 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
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6849	07/01/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 07/01/2025

FROM 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

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SVOC STANDARD PREPARATION LOG

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	SP6852	07/02/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/02/2025

FROM 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 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	12/04/2025	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-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 / RUPESH	12/27/2024 / RUPESH	E3904

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)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

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)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

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)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

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CHEMICAL RECEIPT LOG BOOK

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)	24H1462005	05/24/2027	07/01/2025 / RUPESH	06/19/2025 / RUPESH	E3946

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)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

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)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

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	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

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]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

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	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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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]	A0201728	01/01/2026	07/01/2025 / Rahul	11/09/2023 / Yogesh	S11651

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	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11801

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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11802

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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11805

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	A0200655	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

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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	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

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	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

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	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

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	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12196

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	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

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	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12198

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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	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

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	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12217

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	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12218

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	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12219

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	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

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	520963	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

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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-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

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	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

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	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12499

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12500

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12501

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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	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12502

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12503

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12504

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12505

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12506

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

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]	A0214017	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12545

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12546

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12547

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12548

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12549

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12550

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12551

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]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

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,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

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	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

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	A0212266	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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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	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

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]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12987

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]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12988

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]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12989

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]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12990

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]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12991

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12992

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)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

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)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

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]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13088

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]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

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]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

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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	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

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]	A0226283	01/01/2026	07/01/2025 / Rahul	06/04/2025 / Rahul	S13159

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	A0224359	01/22/2026	07/22/2025 / Rahul	06/02/2025 / anahy	S13168

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]	A0226493	01/01/2026	07/01/2025 / Rahul	06/11/2025 / anahy	S13206

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

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

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-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

Received on
02/25/21
by
CG

S9236
to
S9240

*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: 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.

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

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

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.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RS 6/19/25

E3946

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	<1 ppm
ACS - Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities - Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities - Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities - Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities - Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities - Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities - Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities - Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities - Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

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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. : 555870 **Lot No.:** A0200549

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 : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **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 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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(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-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.

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

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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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.)

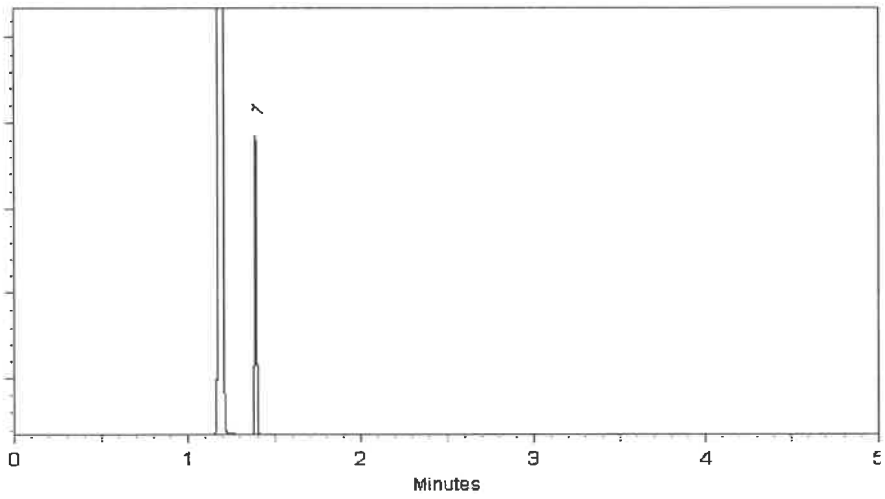
Inj. Temp:
250°C

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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ilac-MRA A2LA 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.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

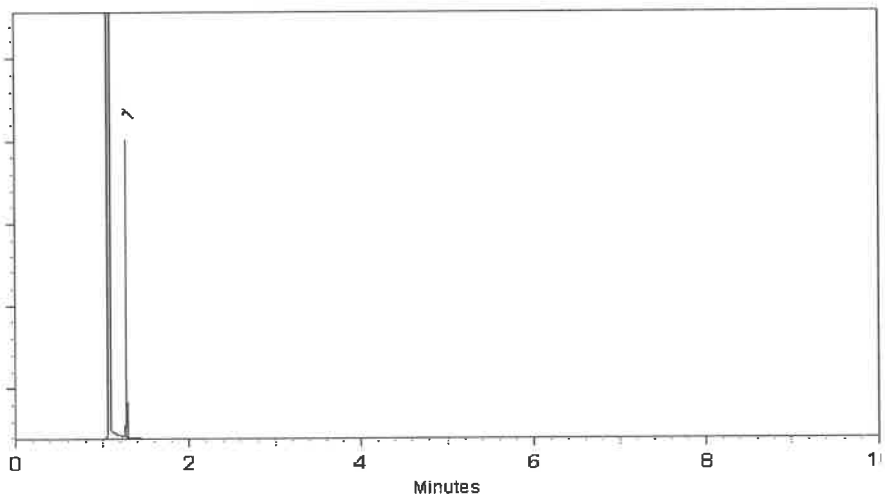
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-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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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. : 31087 **Lot No.:** A0206206

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 : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
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:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

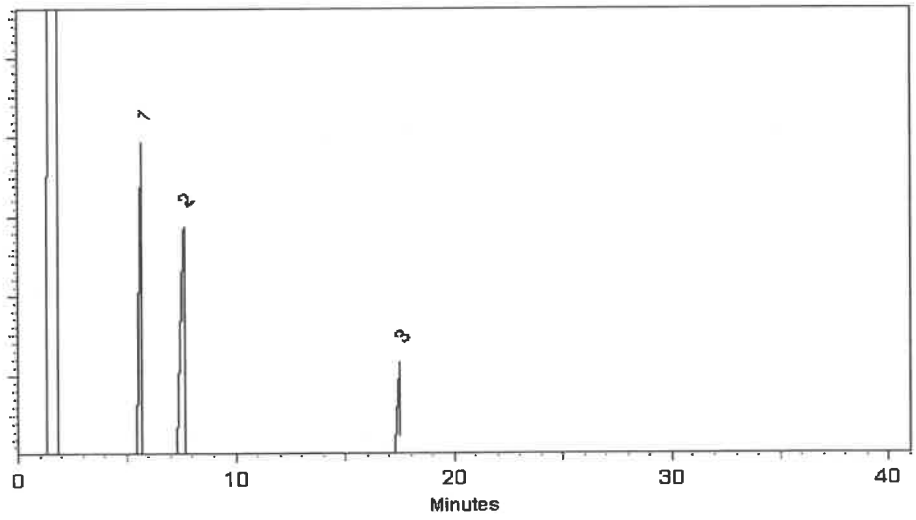
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 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.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 31086 **Lot No.:** A0206381

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 : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

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.

Quality Confirmation Test

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.)

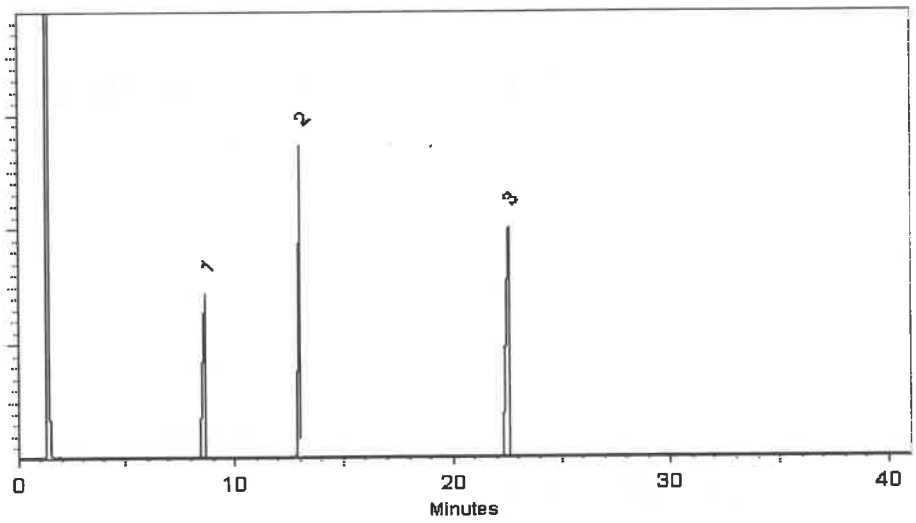
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 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.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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	520963	≤ -10 °C	Methylene Chloride	10/10/2028	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	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
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.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
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.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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CPI INTERNATIONAL

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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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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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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.

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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. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 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	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

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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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. : 31615 **Lot No.:** A0212955

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 : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 ↓ S12579 RC 8/2/24

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.)

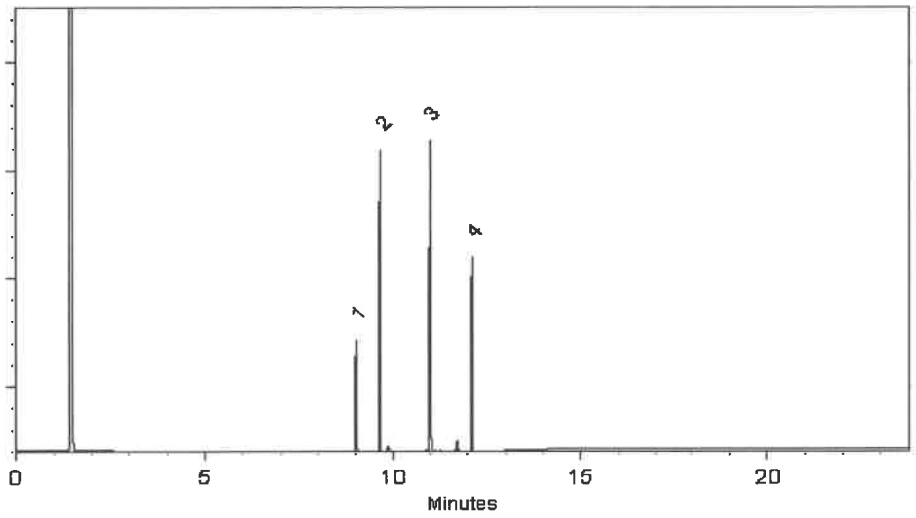
Inj. Temp:
250°C

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.

Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

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 : April 30, 2030 **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%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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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.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

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%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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.)

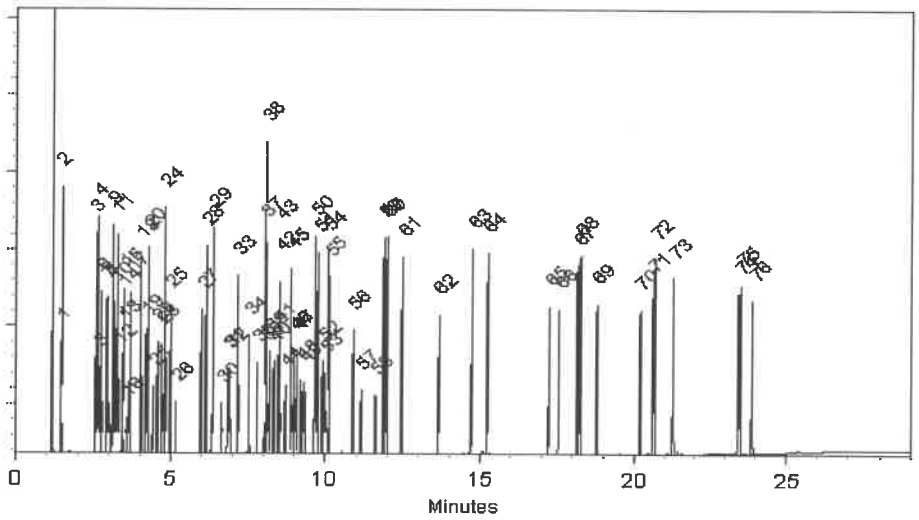
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

S13158 ↓ S13167 } RC/ 6/4/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **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	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED By Dillon Murphy at 11:21 am, Jun 03, 2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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

chromatographic plus

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

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.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **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%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* 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

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.

S13198 ↓ S13207 } AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

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, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

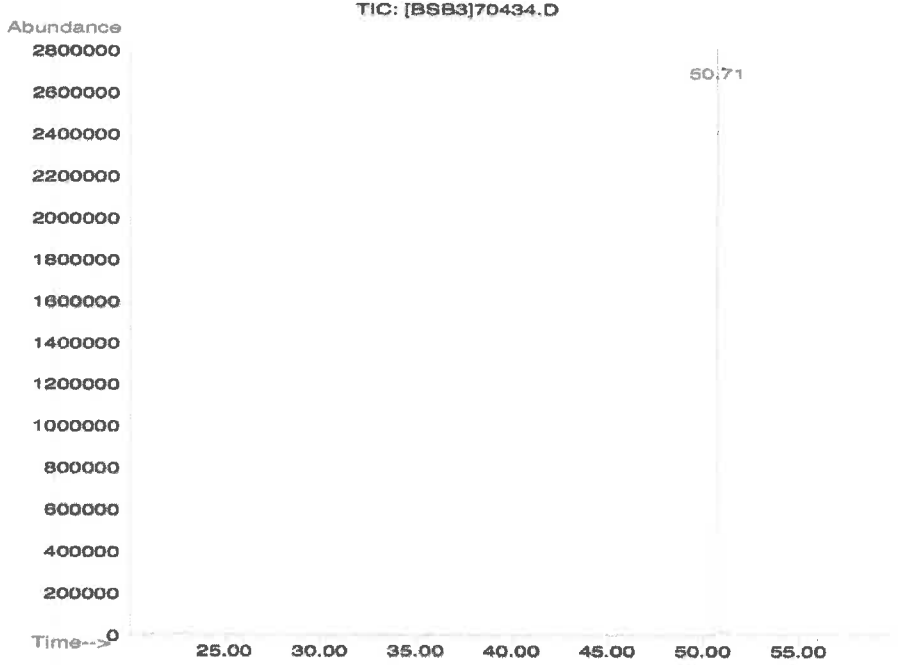
		121622
Formulated By:	Benson Chan	DATE
		121622
Reviewed By:	Pedro L. Rentas	DATE

Weight(s) shown below were combined and diluted to (mL): 50.0 — 5E-05 Balance Uncertainty; 0.001 Flask Uncertainty

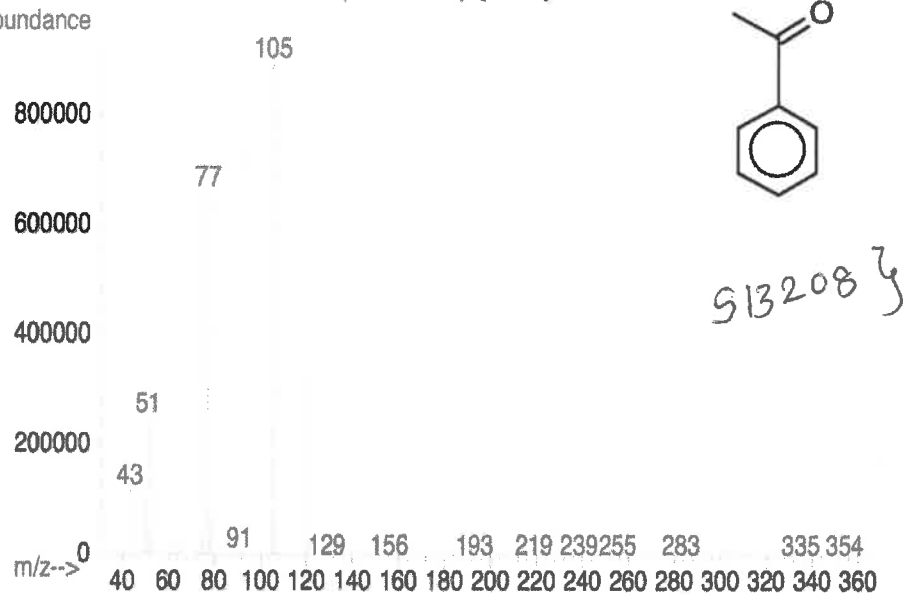
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.

TIC: [BSB3]70434.D



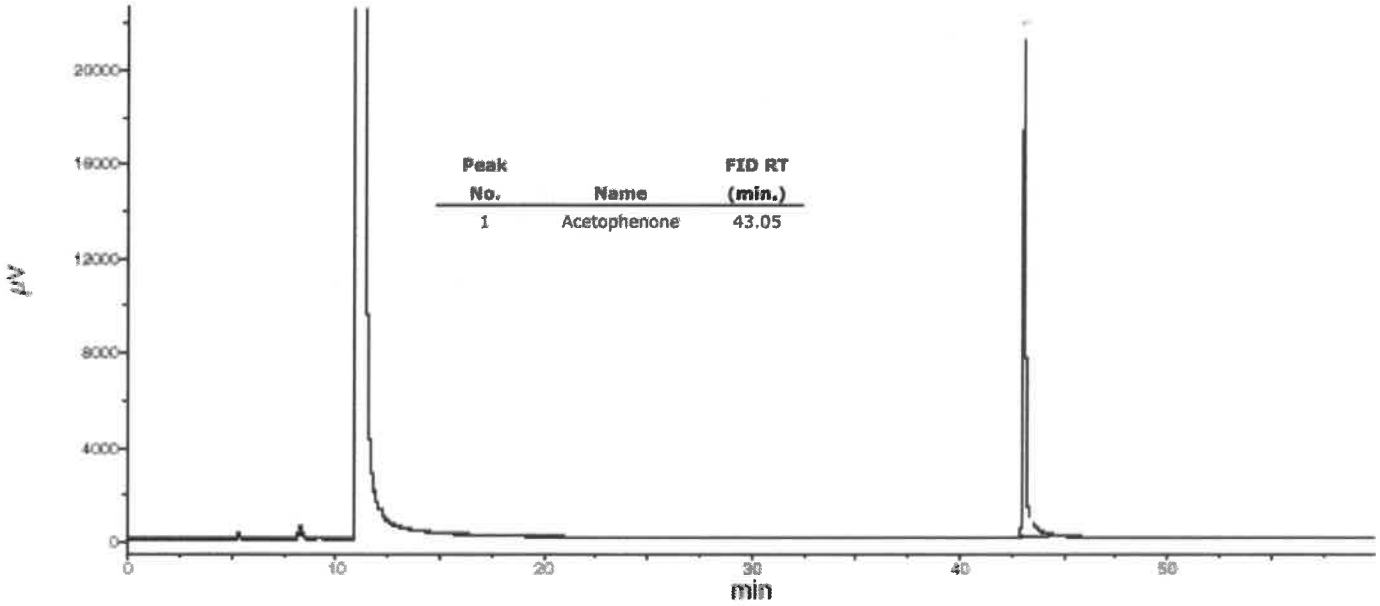
Scan 2222 (50.704 min): [BSB3]70434.D



S13208 ✓ RC
6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

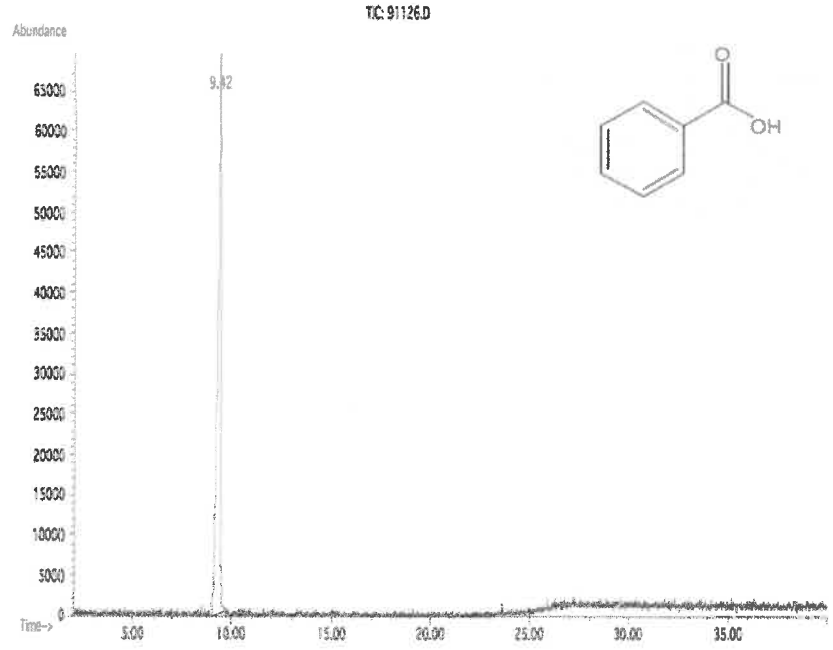
CERTIFIED WEIGHT REPORT

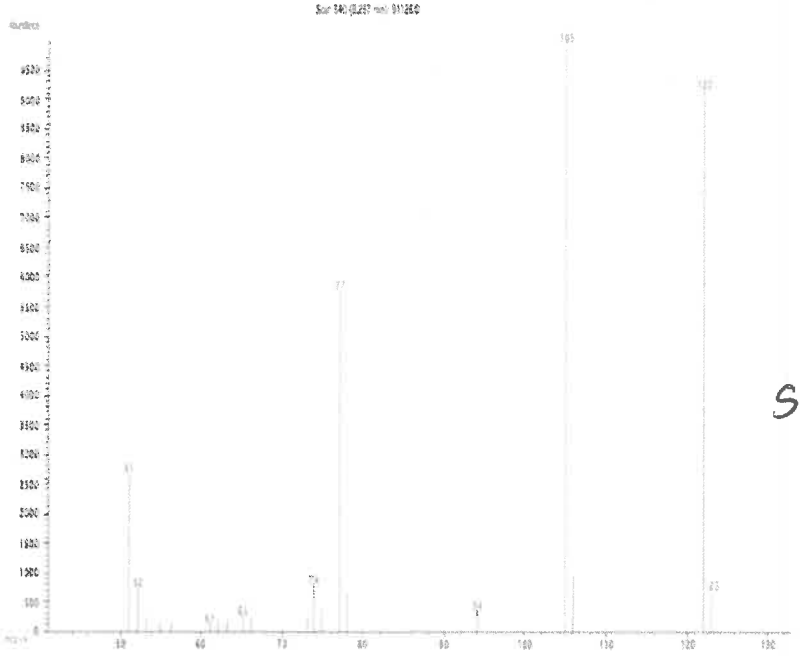
Part Number:	**91126**	**Solvent(s):**	**Lot#**	
Lot Number:	060625	Methylene chloride	23343	
Description:	Benzoic acid			
Expiration Date:	060630			
Recommended Storage:	Refrigerate (4 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Weight(s) shown below were combined and diluted to (mL):	100.0	0.031	Flask Uncertainty	

		060625
Formulated By:	Anthony Mahoney	DATE
		060625
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S132097 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.004 Flask Uncertainty

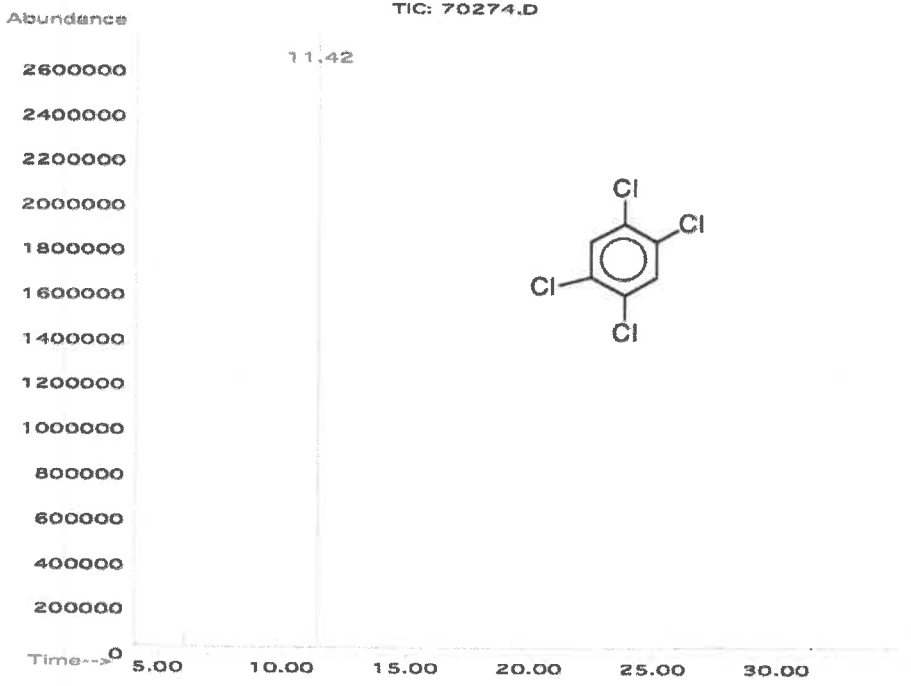
Weight(s) shown below were combined and diluted to (mL): 25.0

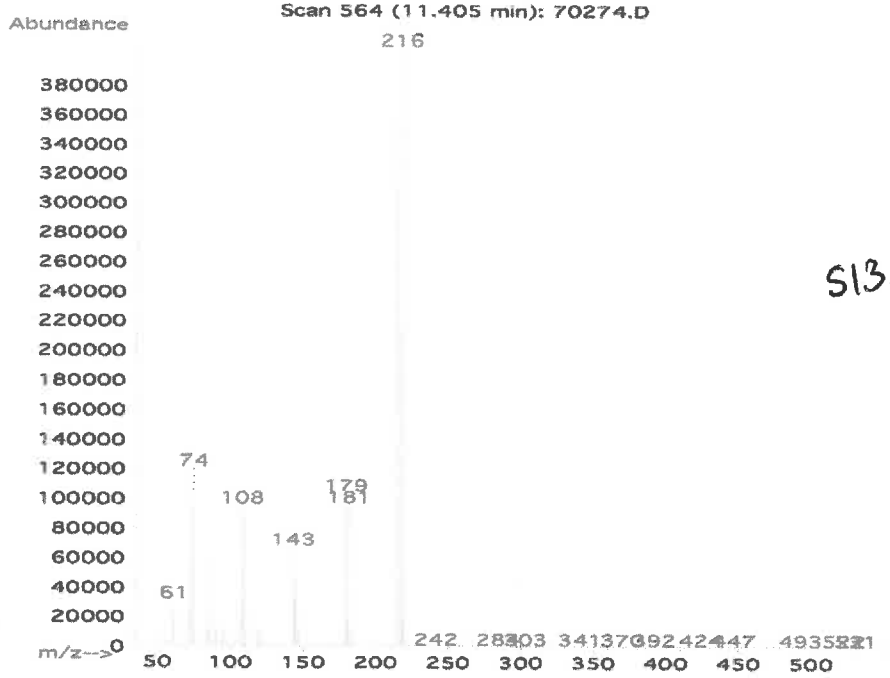
CAUTION: Sonicate Before Use

Formulated By:	Lawrence Barry	092324 DATE
Reviewed By:	Pedro L. Rentas	092324 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S132113 RC 6/19/25.

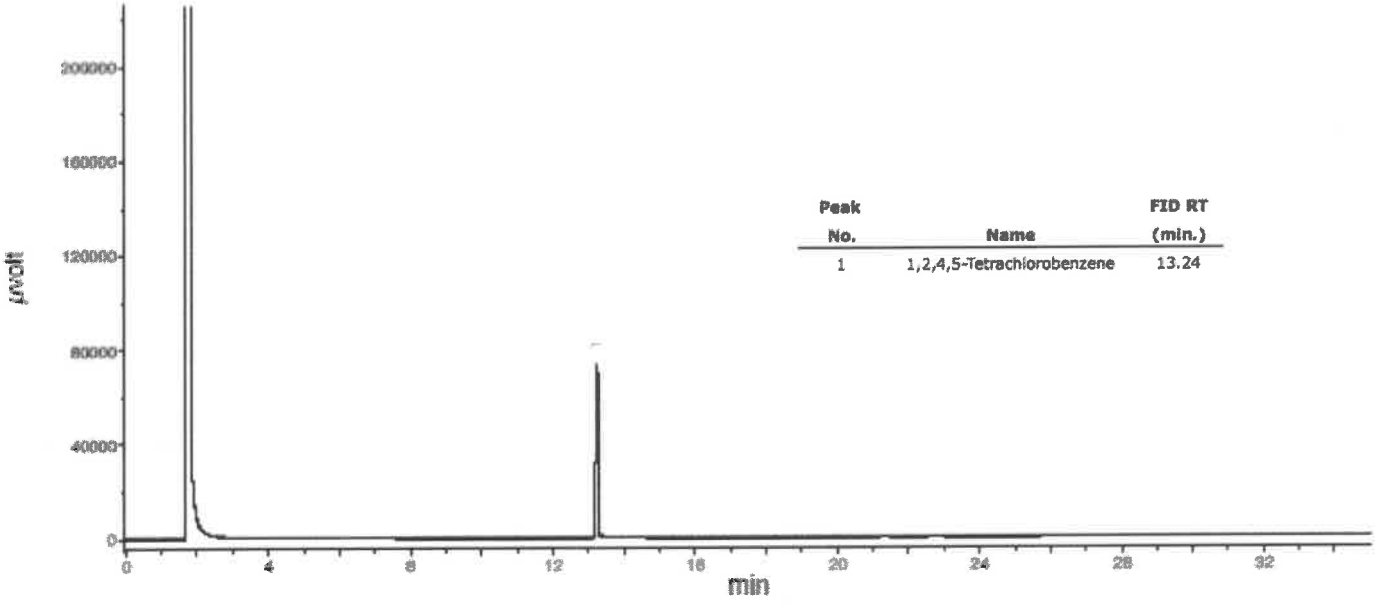
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

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

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

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

513148 ↓ 513157 RC 11/13/23

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 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	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

SHIPPING DOCUMENTS

Q 2641

USEPA

DateShipped: 7/17/2025

CarrierName: FedEx

AirbillNo: 882857171649

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-071725-0040-0037-001

RFP #905A

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-Concrete001-01	P001-Concrete001-01		A	TAL PCBs (TAT 7 Days)		7/16/2025	13:00	1	8 oz. Glass	4 C	N
	P001-Concrete001-01	P001-Concrete001-01		B	TCLP VOCs (TAT 7 Days)		7/16/2025	13:00	2	4 oz glass w/septum	4 C	N
	P001-Concrete001-01	P001-Concrete001-01		C	TCLP RCRA 8 Metals (TAT 7 Days)		7/16/2025	13:00	1	8 oz. Glass	4 C	N
	P001-Concrete001-01	P001-Concrete001-01		D	TCLP Pesticides (TAT 7 Days)		7/16/2025	13:00	1	8 oz. Glass	4 C	N
	P001-Concrete001-01	P001-Concrete001-01		E	TCLP SVOCs (TAT 7 Days)		7/16/2025	13:00	1	8 oz. Glass	4 C	N
	P001-Concrete001-01	P001-Concrete001-01		F	TCLP Herbicides (TAT 7 Days)		7/16/2025	13:00	1	8 oz. Glass	4 C	N

Special Instructions: TAT 7 days preliminary, 14 days final report. Please copy s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples/ All Analyses	Weston	7-17-2025/1400		9:55 7/18/25	2 Coolers 1 1.9°C

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 (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488