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DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : NJ WASTE WATER PT

ALLIANCE TECHNICAL GROUP, LLC - NEWARK

284 Sheffiled Stree

Suite 1

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q2181

ATTENTION : Mohammad Ahmed

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2181

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q2181-01	38072-062624
Q2181-02	38073-032124

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: 6/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Waste Water PT
Project # N/A
Order ID # Q2181
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
2 Water samples were received on 06/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group2 and SVOCMS Group5. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

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

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F. Manual Integration Comments:

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

ORDER ID: Q2181 MATRIX: Water

METHOD: 8270E/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The 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.			
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples .			
	The Blank Spike Duplicate met requirements for all samples .			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

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

		NA	NO	YES
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 #: Q2181

	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:** 06/19/2025

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LAB CHRONICLE

OrderID:	Q2181	**OrderDate:**	6/2/2025 2:16:00 PM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Waste Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2181-02	**38073-032124**	**Water**			**05/30/25**			**06/02/25**
			SVOCMS Group2	8270E		06/04/25	06/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2181

Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**38073-032124**							
Q2181-02	38073-032124	WATER	2,4-Dimethylphenol	45.700		1.9	5	ug/L
			Total Svoc :			**45.70**		
			Total Concentration:			**45.70**		

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2181

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168285BL	PB168285BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	124	83		10	134
		2,4,6-Tribromophenol	150	122	82		44	137
PB168285BS	PB168285BS	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	127	85		10	134
		2,4,6-Tribromophenol	150	129	86		44	137
PB168285BSD	PB168285BSD	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	127	84		10	134
		2,4,6-Tribromophenol	150	129	86		44	137
Q2181-02	38073-032124	2-Fluorophenol	150	136	91		23	138
		Phenol-d6	150	140	93		10	134
		2,4,6-Tribromophenol	150	146	98		44	137

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2181

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E **DataFile:** BF142727.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168285BS	2,4-Dimethylphenol	50	45.3	ug/L	91				42	142	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2181

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E **DataFile:** BF142728.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168285BSD	2,4-Dimethylphenol	50	46.3	ug/L	93	2			42	142	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168285BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG NO.: Q2181

Lab File ID: BF142626.D Lab Sample ID: PB168285BL

Instrument ID: BNA_F Date Extracted: 06/04/2025

Matrix: (soil/water) Water Date Analyzed: 06/05/2025

Level: (low/med) LOW Time Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
38073-032124	Q2181-02	BF142627.D	06/05/2025
PB168285BS	PB168285BS	BF142727.D	06/11/2025
PB168285BSD	PB168285BSD	BF142728.D	06/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q2181 SDG NO.: Q2181

Lab File ID: BF142465.D DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.8
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	44.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	19.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q2181 SDG NO.: Q2181

Lab File ID: BF142624.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.0
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	33.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	45.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	17.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF142625.D	06/05/2025	09:37
PB168285BL	PB168285BL	BF142626.D	06/05/2025	11:04
38073-032124	Q2181-02	BF142627.D	06/05/2025	11:35

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q2181 SDG NO.: Q2181

Lab File ID: BF142710.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.0
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	33.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	45.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	18.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142712.D	06/10/2025	16:54
SSTDICC005	SSTDICC005	BF142713.D	06/10/2025	17:24
SSTDICC010	SSTDICC010	BF142714.D	06/10/2025	17:53
SSTDICC020	SSTDICC020	BF142715.D	06/10/2025	18:22
SSTDICCC040	SSTDICCC040	BF142716.D	06/10/2025	18:52
SSTDICC050	SSTDICC050	BF142717.D	06/10/2025	19:21
SSTDICC060	SSTDICC060	BF142718.D	06/10/2025	19:50
SSTDICC080	SSTDICC080	BF142719.D	06/10/2025	20:19

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q2181 SDG NO.: Q2181

Lab File ID: BF142722.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	17.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF142723.D	06/11/2025	09:24
PB168285BS	PB168285BS	BF142727.D	06/11/2025	11:21
PB168285BSD	PB168285BSD	BF142728.D	06/11/2025	11:50

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG NO.: Q2181

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/05/2025

Lab File ID: BF142625.D Time Analyzed: 09:37

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	122240	6.898	479356	8.18	254347	9.94
	UPPER LIMIT	244480	7.398	958712	8.681	508694	10.439
	LOWER LIMIT	61120	6.398	239678	7.681	127174	9.439
	EPA SAMPLE NO.						
01	PB168285BL	122182	6.89	466755	8.18	253840	9.93
02	38073-032124	109688	6.90	418247	8.18	223750	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG NO.: Q2181

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/05/2025

Lab File ID: BF142625.D Time Analyzed: 09:37

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	415186	11.427	211462	14.068	258069	15.562
	UPPER LIMIT	830372	11.927	422924	14.568	516138	16.062
	LOWER LIMIT	207593	10.927	105731	13.568	129035	15.062
	EPA SAMPLE NO.						
01	PB168285BL	433273	11.42	225137	14.07	234045	15.56
02	38073-032124	374727	11.43	200432	14.07	211446	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG NO.: Q2181

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	78219	6.892	306828	8.18	172169	9.94
	UPPER LIMIT	156438	7.392	613656	8.681	344338	10.439
	LOWER LIMIT	39109.5	6.392	153414	7.681	86084.5	9.439
	EPA SAMPLE NO.						
01	PB168285BS	75631	6.89	294551	8.18	162704	9.93
02	PB168285BSD	79958	6.89	304653	8.18	167586	9.94

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG NO.: Q2181

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	291189	11.427	151467	14.068	144700	15.562
	UPPER LIMIT	582378	11.927	302934	14.568	289400	16.062
	LOWER LIMIT	145595	10.927	75733.5	13.568	72350	15.062
	EPA SAMPLE NO.						
01	PB168285BS	278222	11.43	147780	14.07	156697	15.56
02	PB168285BSD	281985	11.43	148975	14.07	159540	15.56

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	05/30/25
Project:	NJ Waste Water PT	Date Received:	06/02/25
Client Sample ID:	38073-032124	SDG No.:	Q2181
Lab Sample ID:	Q2181-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142627.D	1	06/04/25 11:45	06/05/25 11:35	PB168285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	45.7		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	136		23 - 138	91%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
118-79-6	2,4,6-Tribromophenol	146		44 - 137	98%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.898			
1146-65-2	Naphthalene-d8	418000	8.181			
15067-26-2	Acenaphthene-d10	224000	9.933			
1517-22-2	Phenanthrene-d10	375000	11.428			
1719-03-5	Chrysene-d12	200000	14.069			
1520-96-3	Perylene-d12	211000	15.563			

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\BF060525\
Data File : BF142627.D
Acq On : 05 Jun 2025 11:35
Operator : RC/JU
Sample : Q2181-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38073-032124

Quant Time: Jun 05 12:03:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

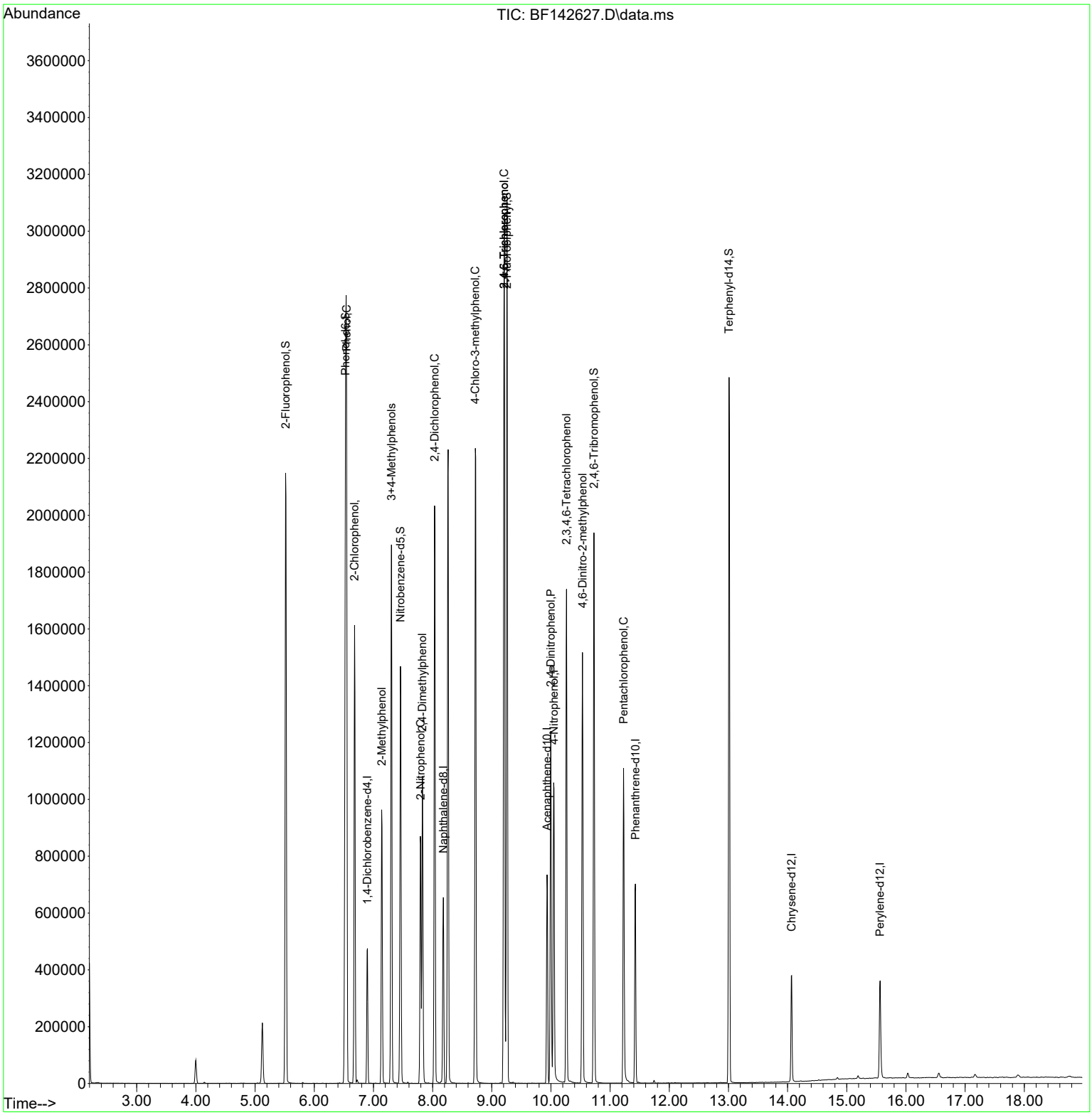
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	109688	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	418247	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	223750	20.000	ng		-0.01
64) Phenanthrene-d10	11.428	188	374727	20.000	ng		0.00
76) Chrysene-d12	14.069	240	200432	20.000	ng		0.00
86) Perylene-d12	15.563	264	211446	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	887804	136.363	ng		0.00
7) Phenol-d6	6.528	99	1093853	139.571	ng		0.00
23) Nitrobenzene-d5	7.457	82	666482	86.892	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	363560	146.399	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	1417378	85.002	ng		-0.01
79) Terphenyl-d14	13.010	244	1253425	85.458	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	6.681	128	593854	83.742	ng		99
10) Phenol	6.545	94	982073	111.365	ng		94
17) 2-Methylphenol	7.140	107	237778	42.946	ng		98
20) 3+4-Methylphenols	7.304	107	571942	80.667	ng	#	57
26) 2-Nitrophenol	7.798	139	240475	65.056	ng		95
27) 2,4-Dimethylphenol	7.828	122	298155	45.738	ng		98
29) 2,4-Dichlorophenol	8.034	162	580208	97.872	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	658201	108.337	ng		99
43) 2,4,6-Trichlorophenol	9.210	196	699257	161.451	ng		98
44) 2,4,5-Trichlorophenol	9.210	196	699257	153.086	ng		98
54) 2,4-Dinitrophenol	9.998	184	259674	157.736	ng		92
56) 4-Nitrophenol	10.051	139	281796	109.733	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	320299	83.997	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	333642	159.541	ng		97
70) Pentachlorophenol	11.227	266	195305	70.588	ng		98

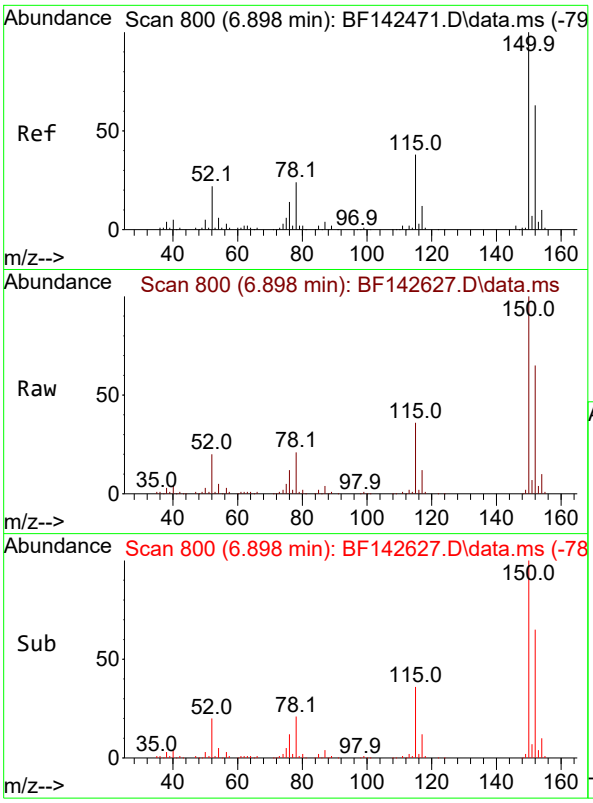
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142627.D
Acq On : 05 Jun 2025 11:35
Operator : RC/JU
Sample : Q2181-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38073-032124

Quant Time: Jun 05 12:03:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



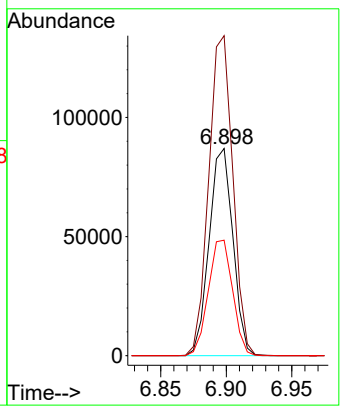


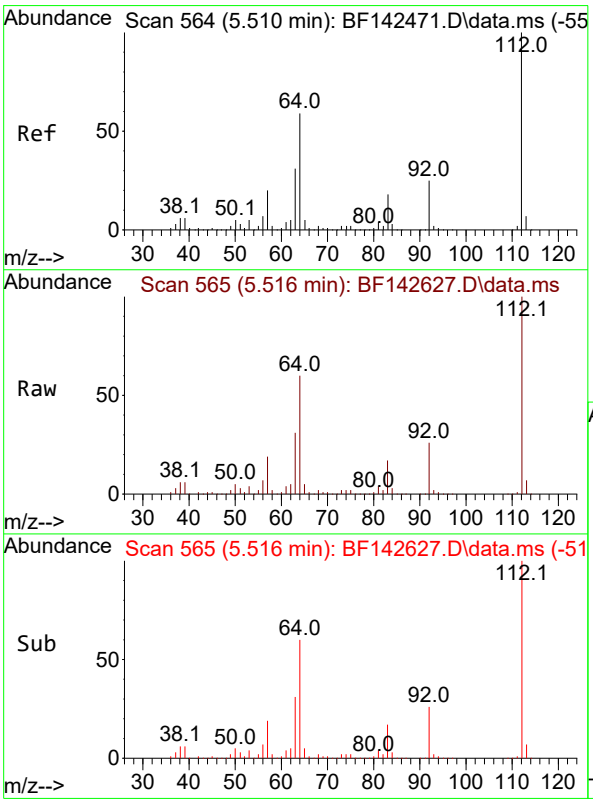
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:152 Resp: 109688

Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.2	192.4
115	55.7	48.3	72.5

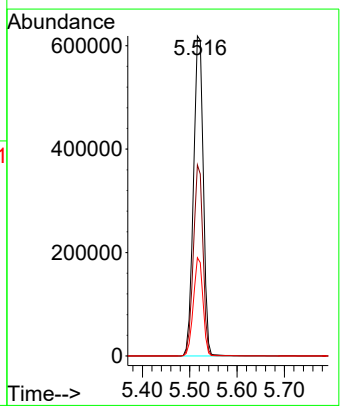


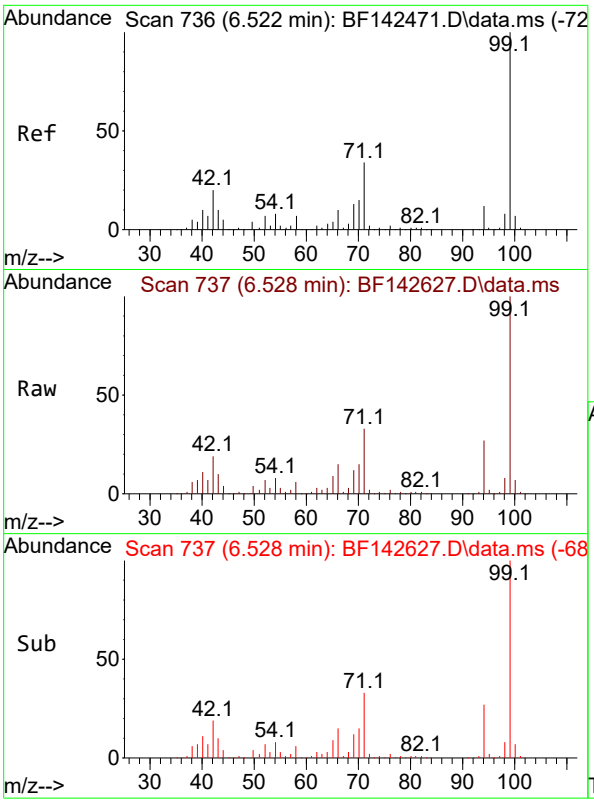


#5
2-Fluorophenol
Concen: 136.363 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:112 Resp: 887804

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.5	71.3
63	30.7	24.9	37.3



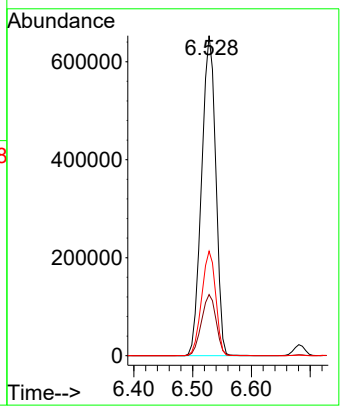


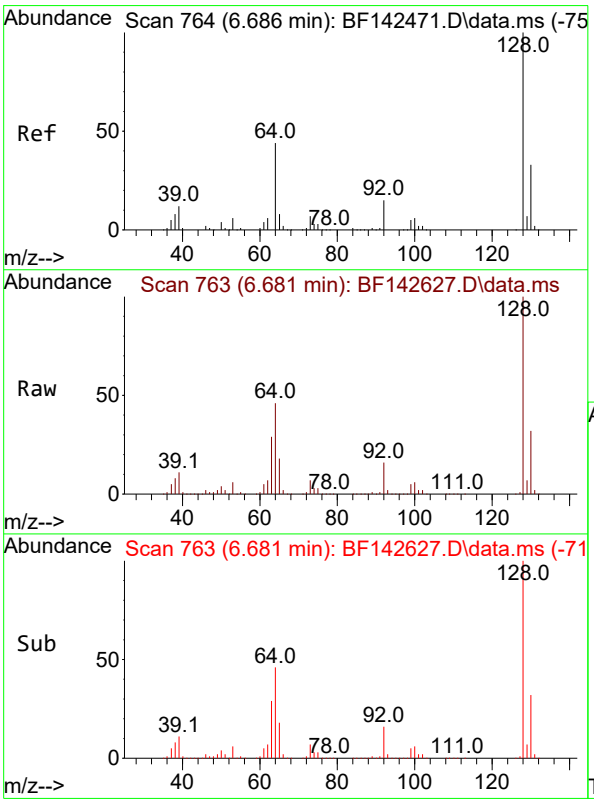
#7
Phenol-d6
Concen: 139.571 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion: 99 Resp: 1093853

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	32.7	27.3	40.9

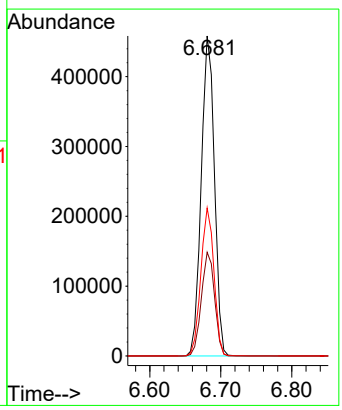


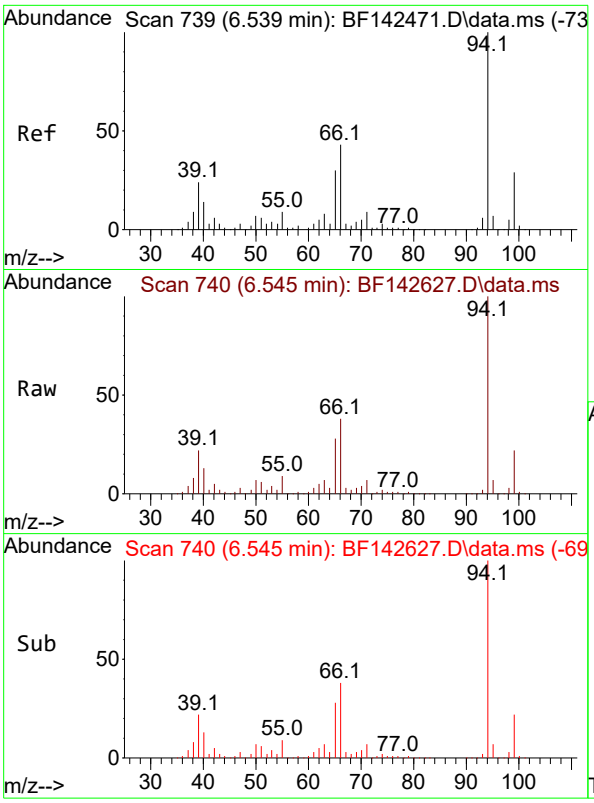


#8
2-Chlorophenol
Concen: 83.742 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:128 Resp: 593854

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	46.2	25.1	65.1



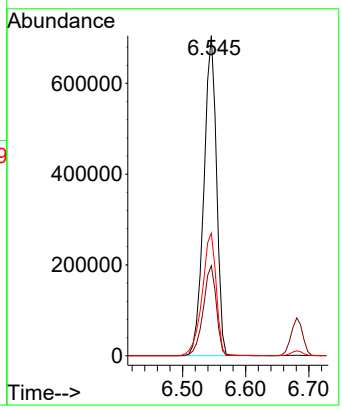


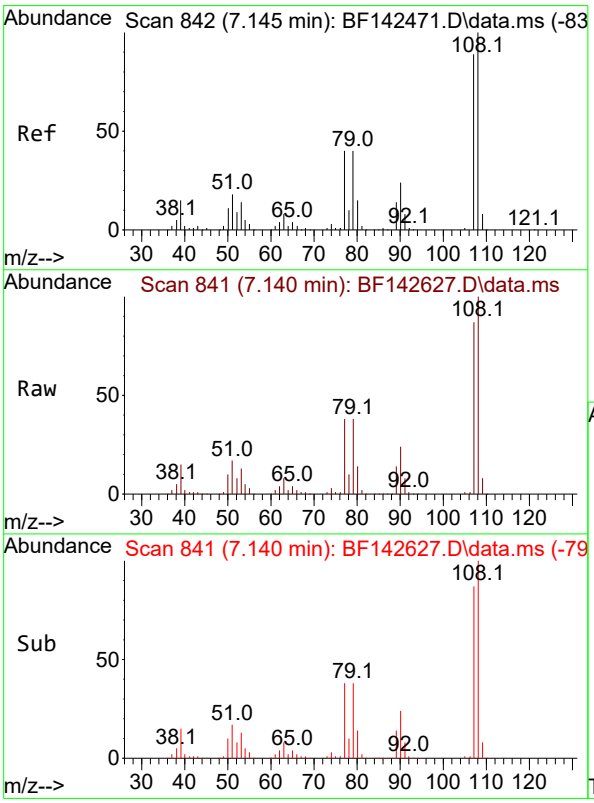
#10
Phenol
Concen: 111.365 ng
RT: 6.545 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion: 94 Resp: 982073

Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.3	50.3
66	38.3	22.6	62.6

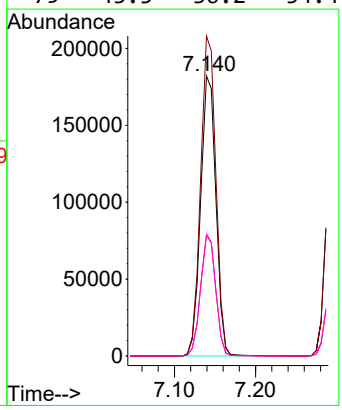


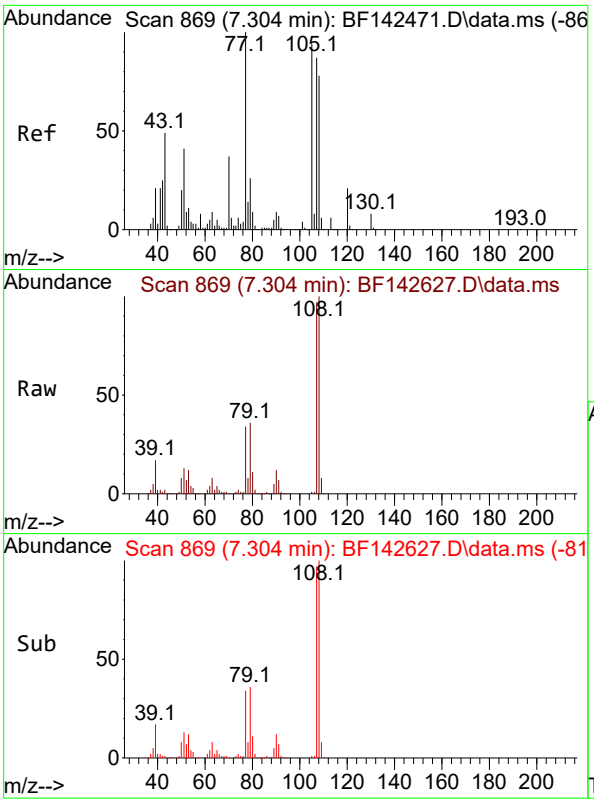


#17
2-Methylphenol
Concen: 42.946 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:107 Resp: 237778

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.2	135.2
77	43.2	36.1	54.1
79	43.5	36.2	54.4



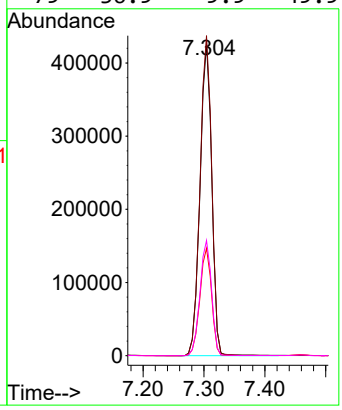


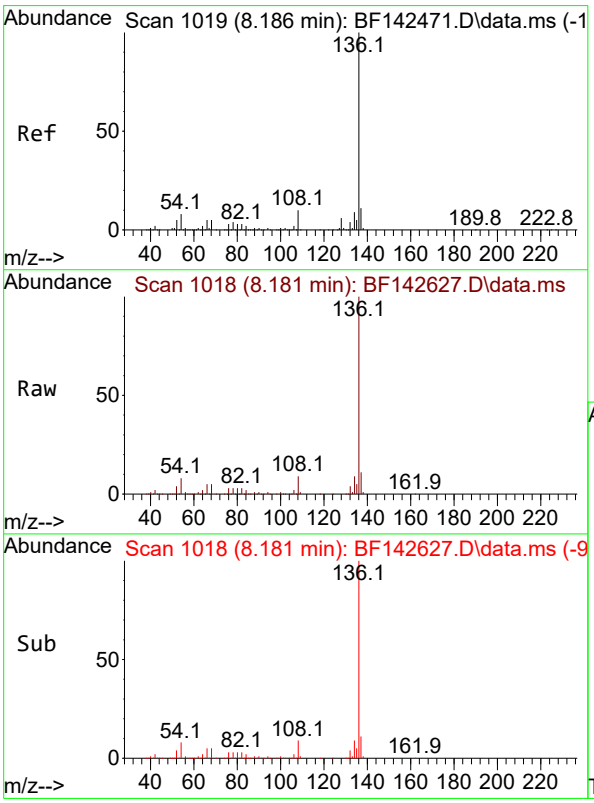
#20
3+4-Methylphenols
Concen: 80.667 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:107 Resp: 571942

Ion	Ratio	Lower	Upper
107	100		
108	102.6	70.4	110.4
77	34.4	95.4	135.4#
79	36.9	9.9	49.9

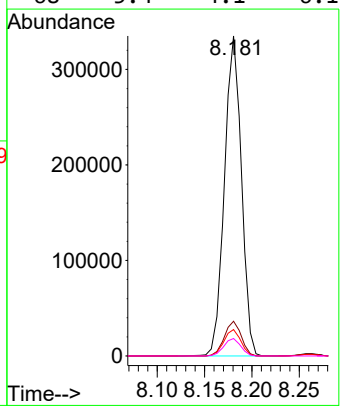


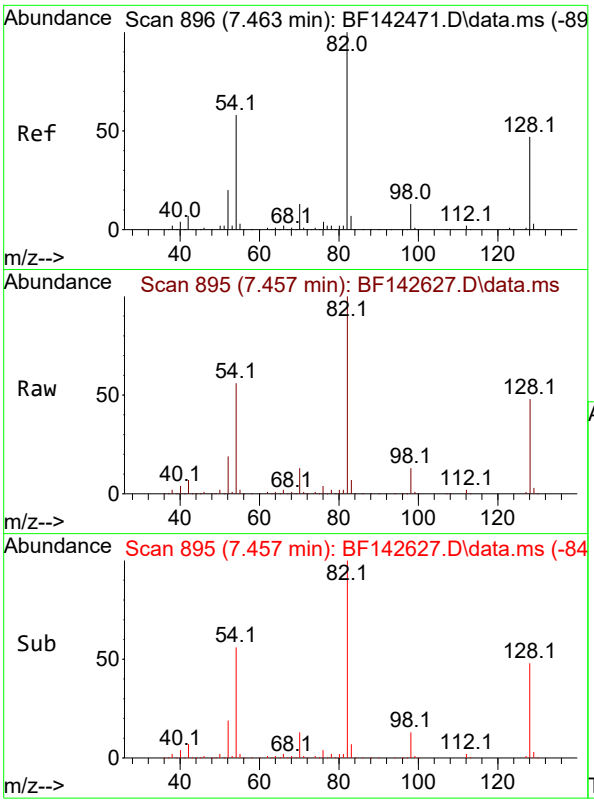


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:136 Resp: 418247

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	6.6	10.0
68	5.4	4.1	6.1



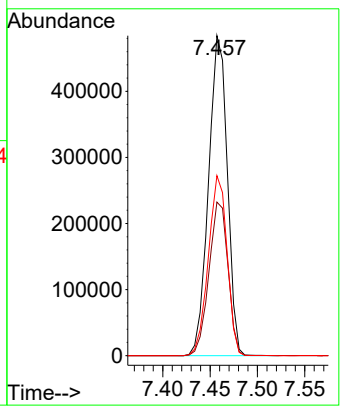


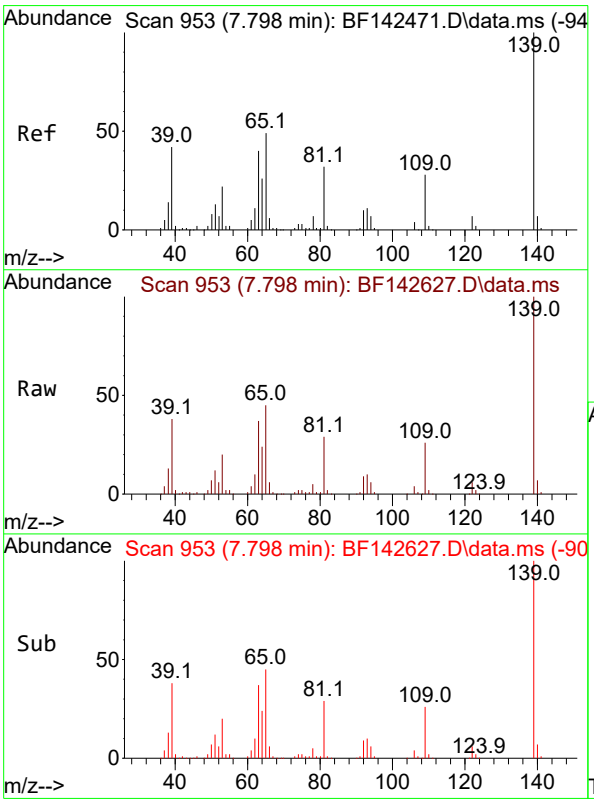
#23
Nitrobenzene-d5
Concen: 86.892 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion: 82 Resp: 666482

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.2
54	56.2	46.6	70.0

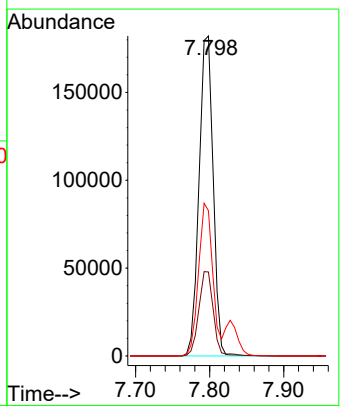


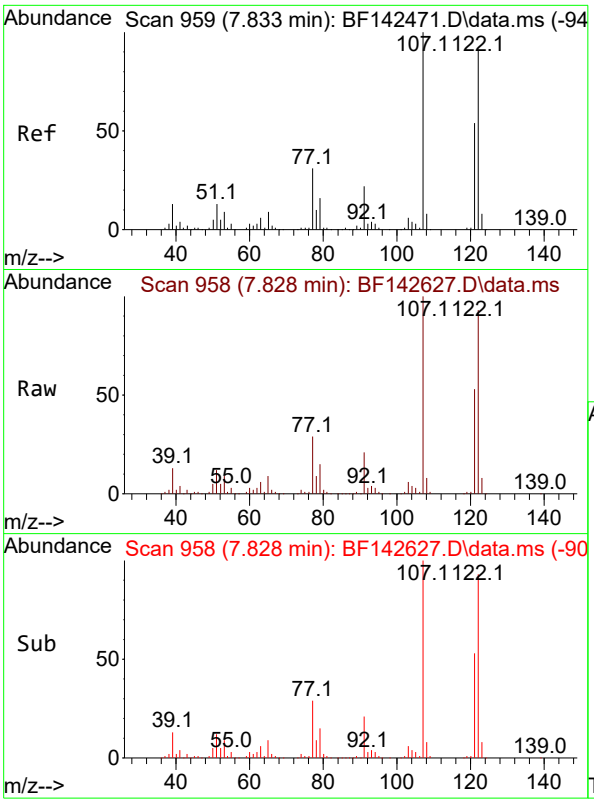


#26
2-Nitrophenol
Concen: 65.056 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:139 Resp: 240475

Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.6	33.8
65	45.4	39.4	59.0



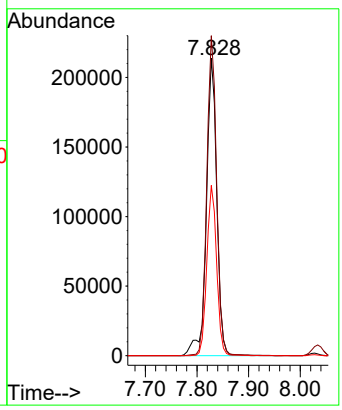


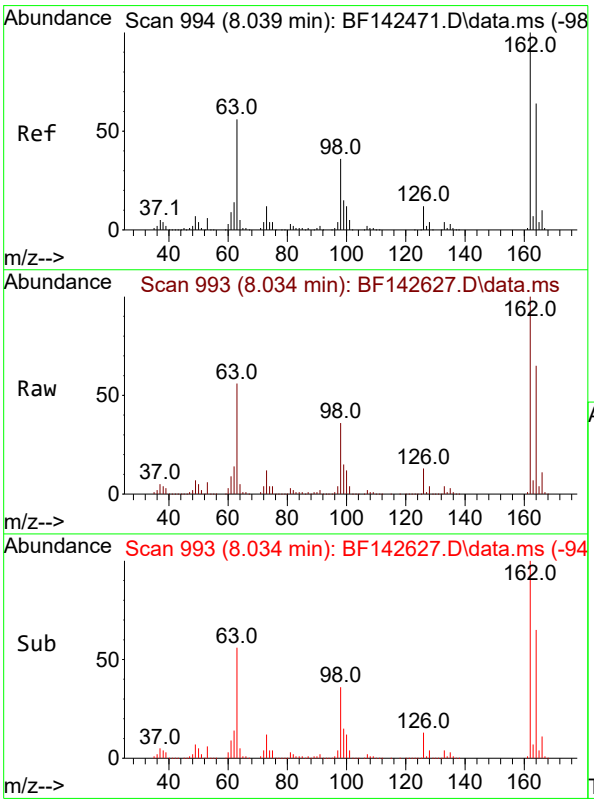
#27
2,4-Dimethylphenol
Concen: 45.738 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:122 Resp: 298155

Ion	Ratio	Lower	Upper
122	100		
107	107.5	88.1	132.1
121	57.2	47.3	70.9

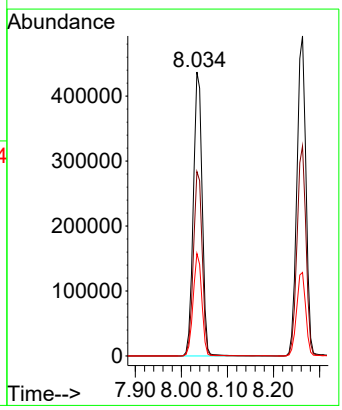


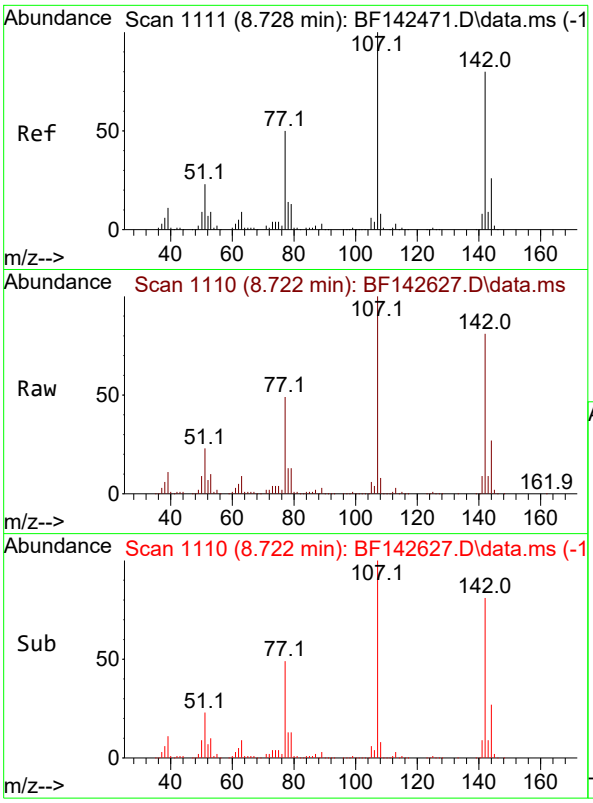


#29
2,4-Dichlorophenol
Concen: 97.872 ng
RT: 8.034 min Scan# 993
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:162 Resp: 580208

Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	36.0	15.5	55.5



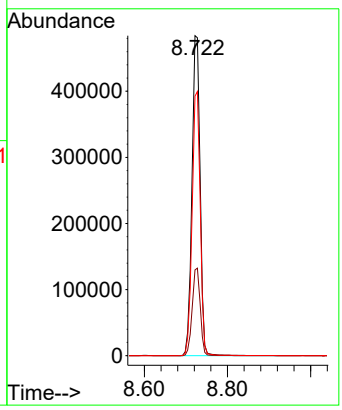


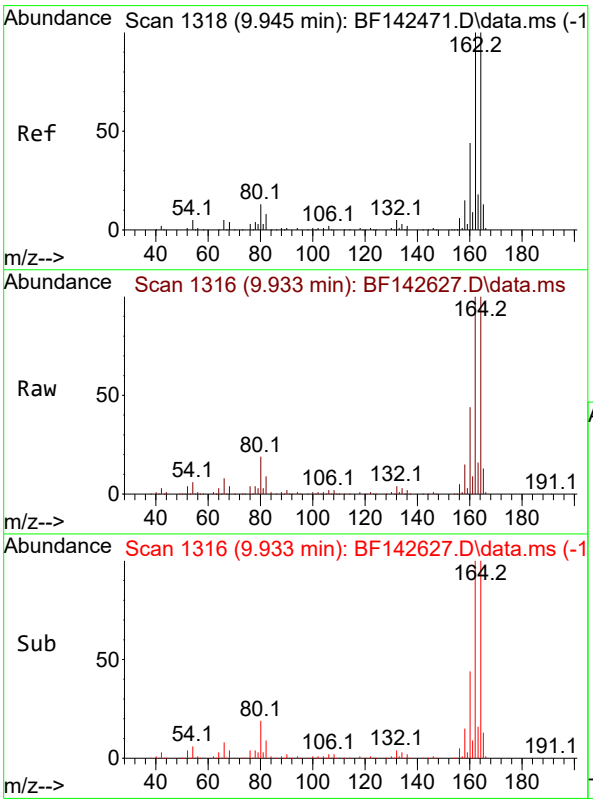
#36
4-Chloro-3-methylphenol
Concen: 108.337 ng
RT: 8.722 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:107 Resp: 658201

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.9	31.3
142	81.1	64.2	96.2

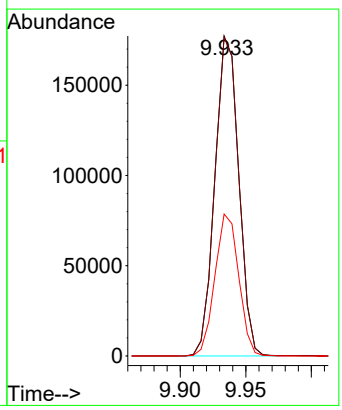


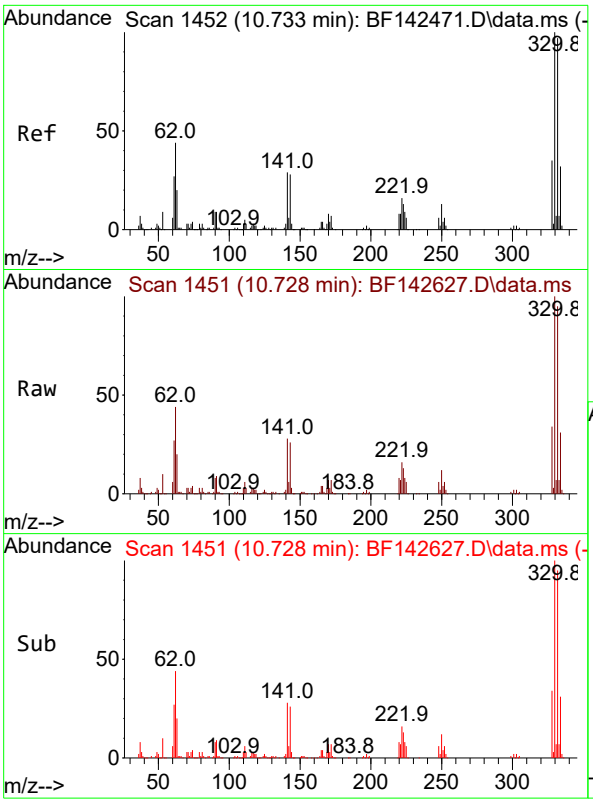


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:164 Resp: 223750

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.4
160	44.4	35.6	53.4



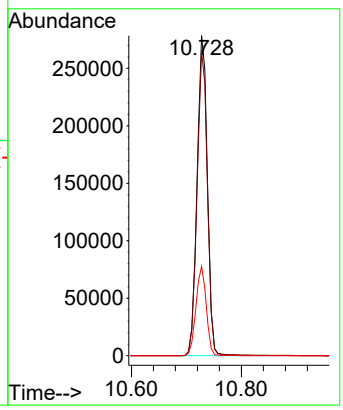


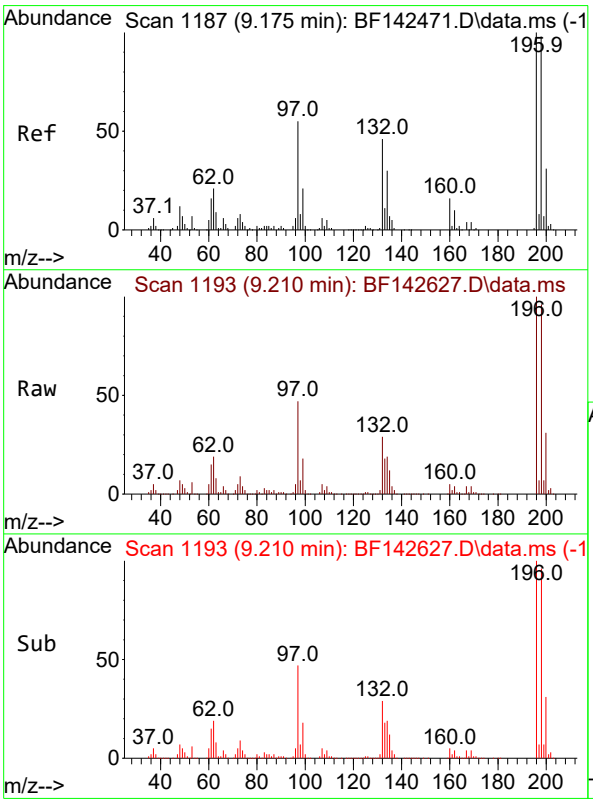
#42
2,4,6-Tribromophenol
Concen: 146.399 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:330 Resp: 363560

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.6	116.4
141	27.8	24.6	36.8

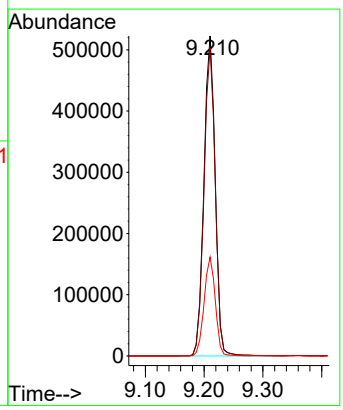


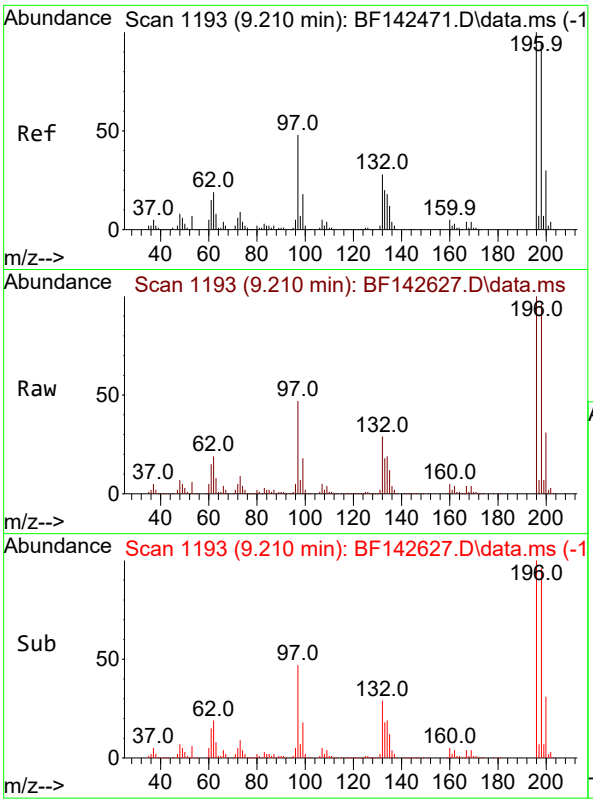


#43
2,4,6-Trichlorophenol
Concen: 161.451 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.035 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:196 Resp: 699257

Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.8	118.2
200	30.9	24.9	37.3



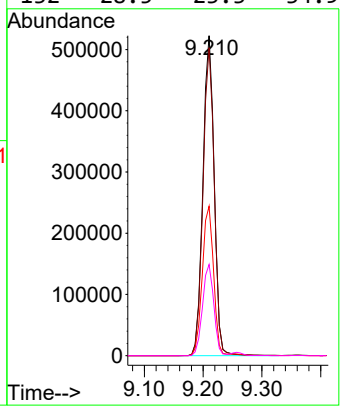


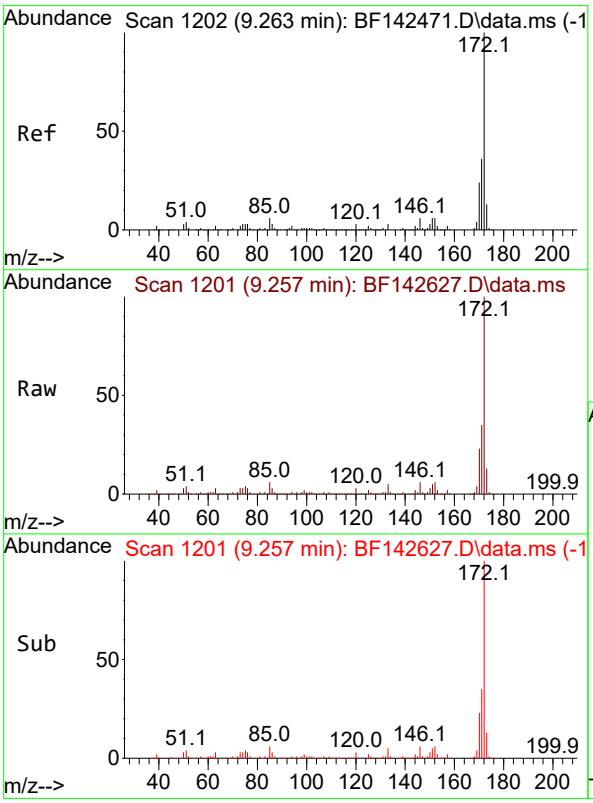
#44
2,4,5-Trichlorophenol
Concen: 153.086 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:196 Resp: 699257

Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.5	113.3
97	46.7	39.3	58.9
132	28.5	23.3	34.9

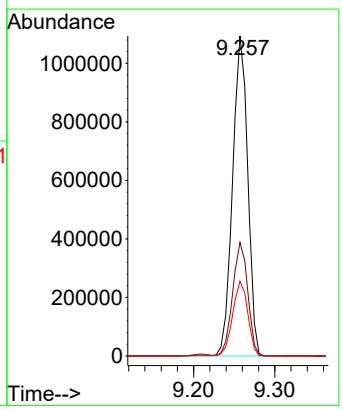


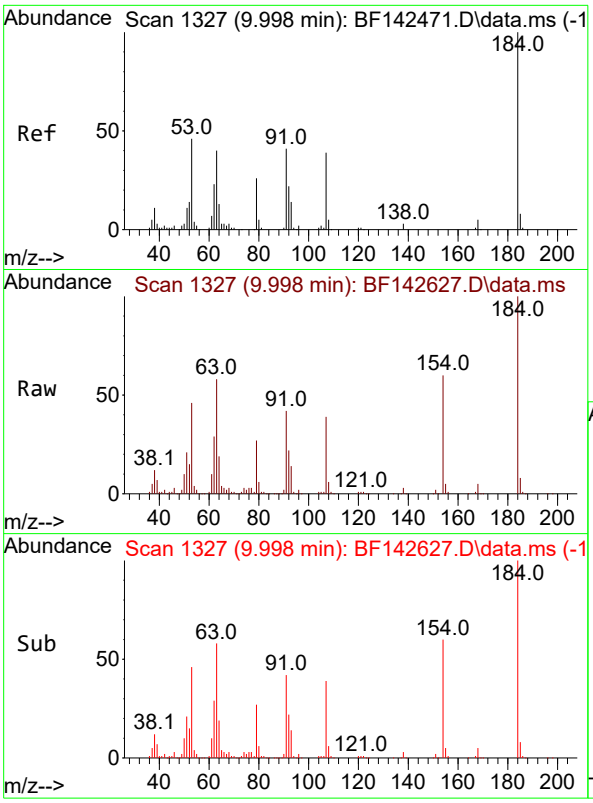


#45
2-Fluorobiphenyl
Concen: 85.002 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:172 Resp: 1417378

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.9	28.3



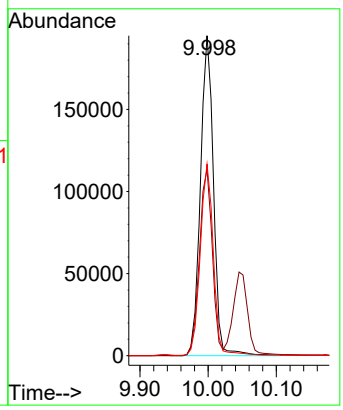


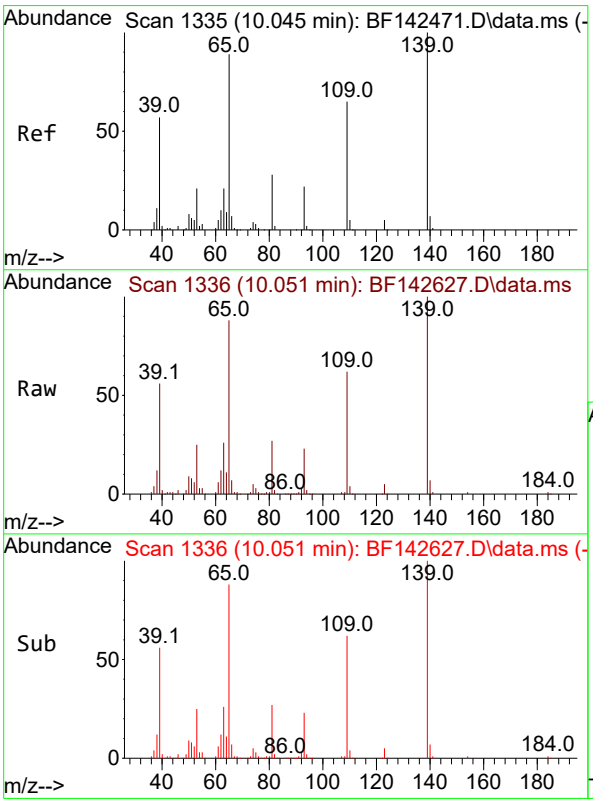
#54
2,4-Dinitrophenol
Concen: 157.736 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:184 Resp: 259674

Ion	Ratio	Lower	Upper
184	100		
63	58.3	46.3	69.5
154	59.9	56.8	85.2

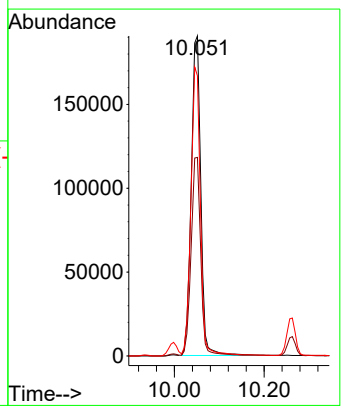


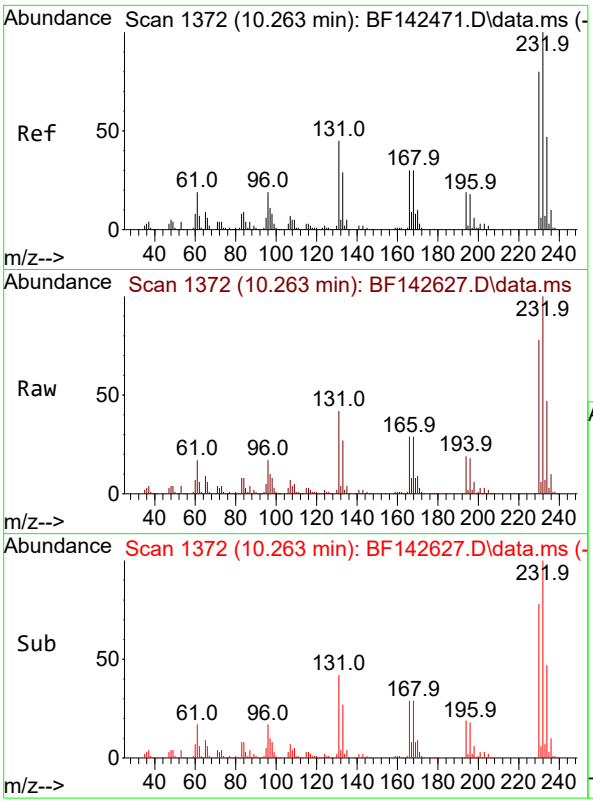


#56
4-Nitrophenol
Concen: 109.733 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:139 Resp: 281796

Ion	Ratio	Lower	Upper
139	100		
109	62.1	45.1	85.1
65	87.6	69.7	109.7



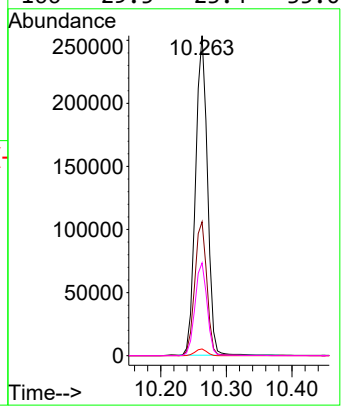


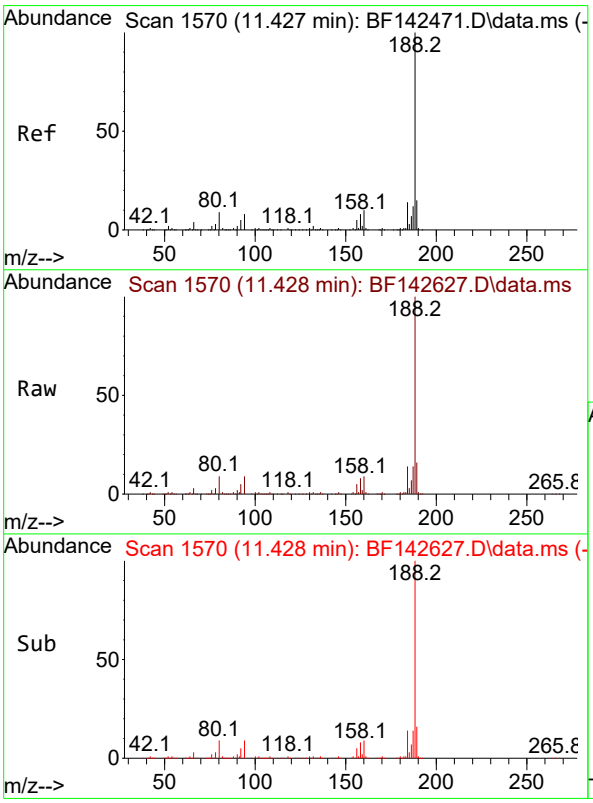
#59
2,3,4,6-Tetrachlorophenol
Concen: 83.997 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:232 Resp: 320299

Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.2	52.8
130	2.1	1.7	2.5
166	29.5	23.4	35.0

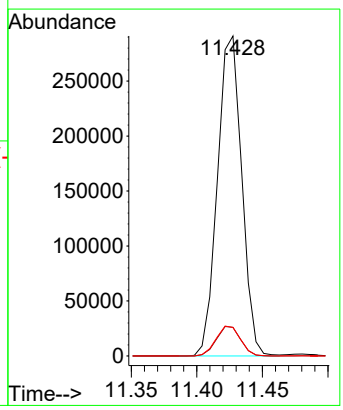


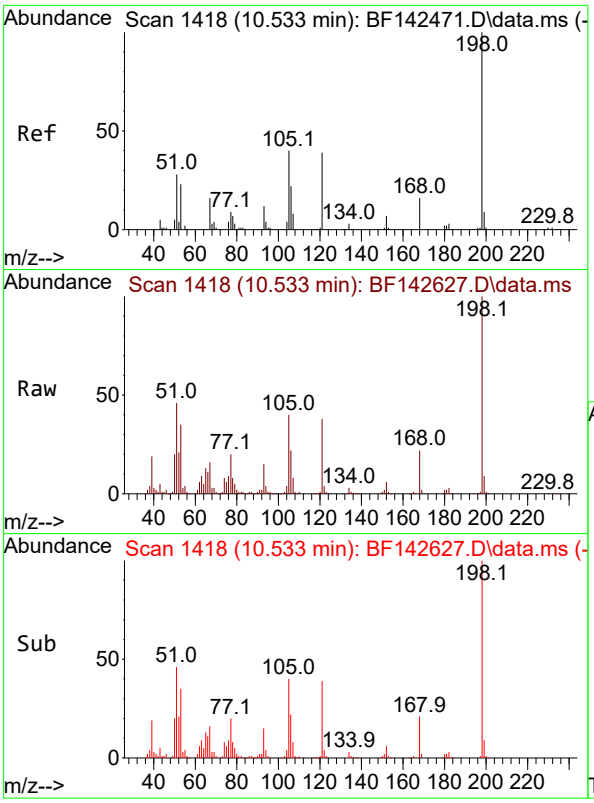


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:188 Resp: 374727

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	8.9	7.4	11.0



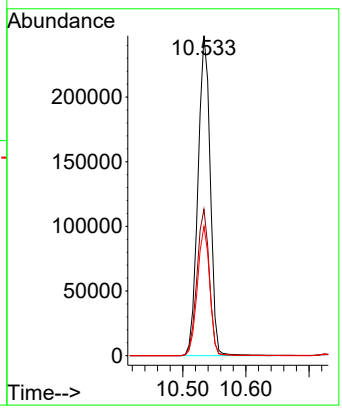


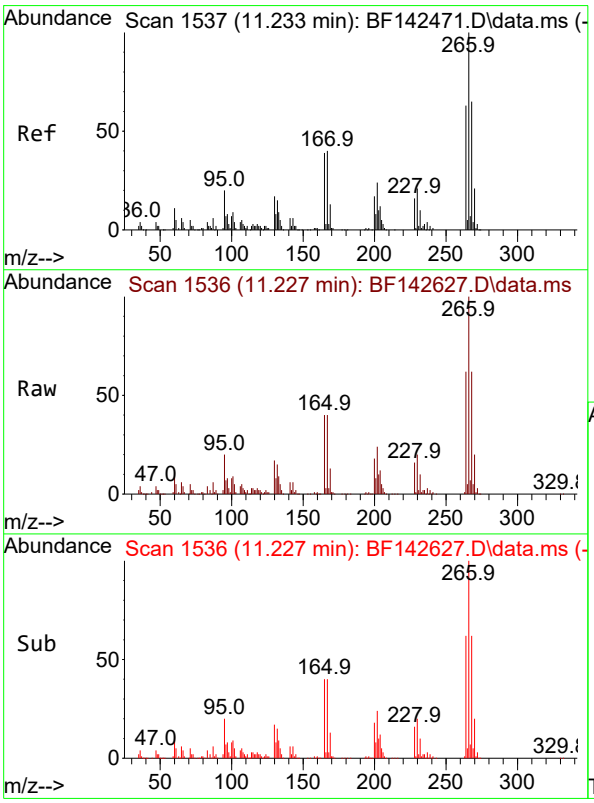
#65
4,6-Dinitro-2-methylphenol
Concen: 159.541 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:198 Resp: 333642

Ion	Ratio	Lower	Upper
198	100		
51	45.7	28.3	68.3
105	40.4	21.3	61.3

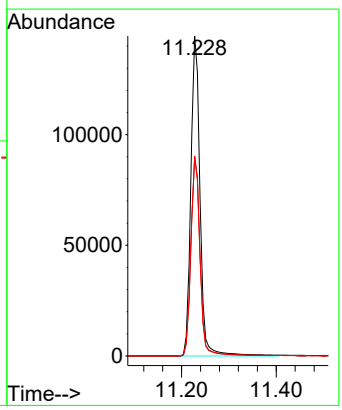


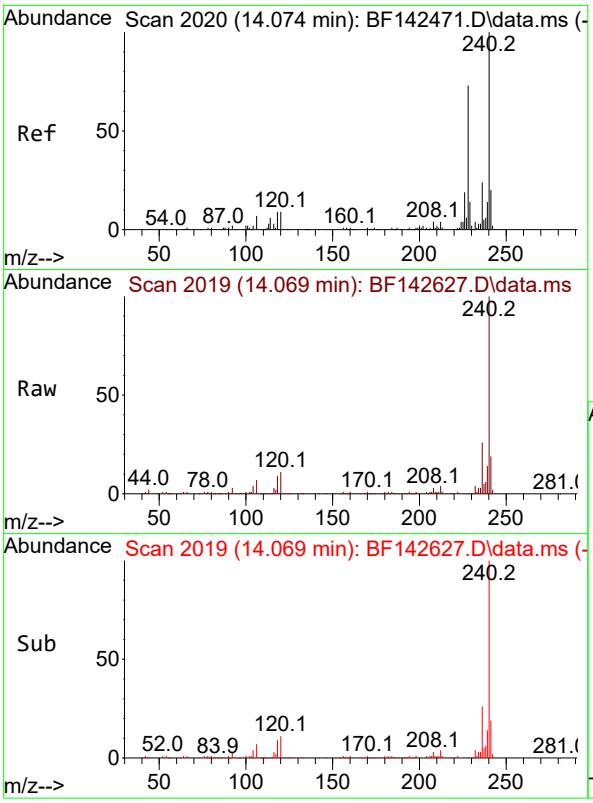


#70
Pentachlorophenol
Concen: 70.588 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:266 Resp: 195305

Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.7	77.5
264	62.5	50.4	75.6



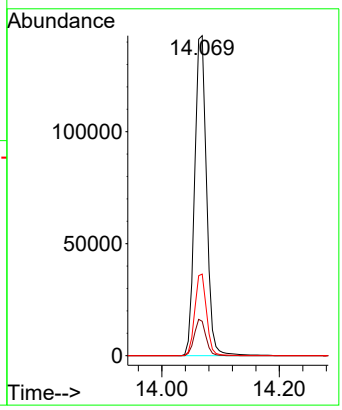


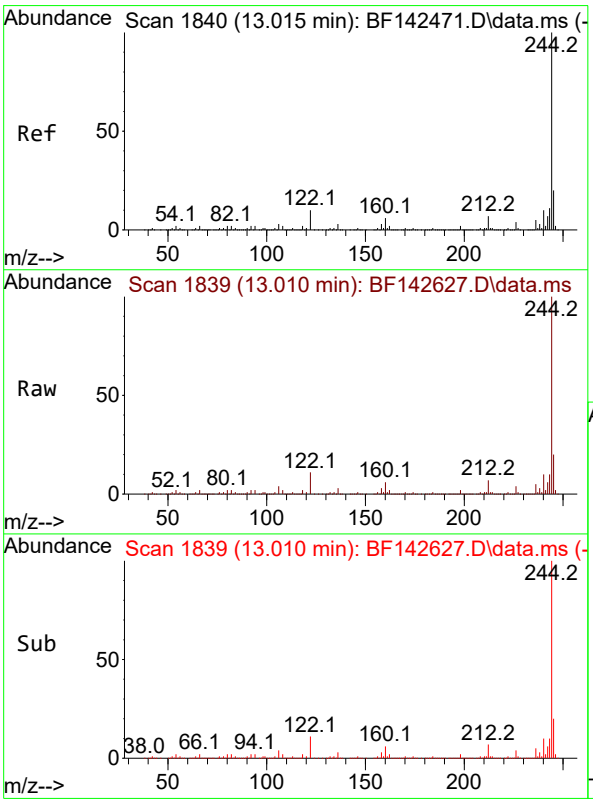
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:240 Resp: 200432

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	25.5	19.6	29.4

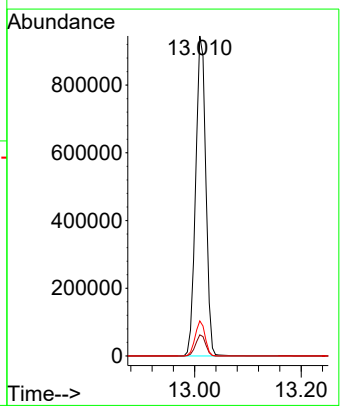


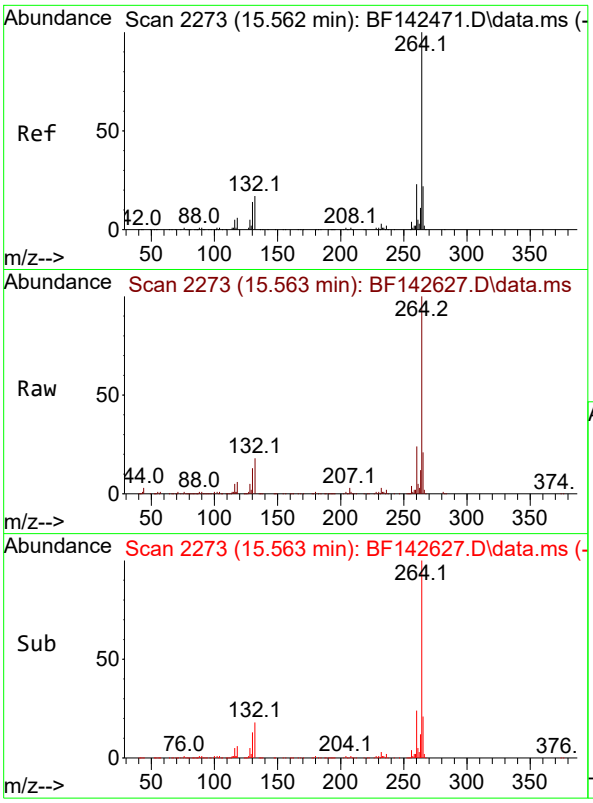


#79
Terphenyl-d14
Concen: 85.458 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:244 Resp: 1253425

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.0	8.2	12.2



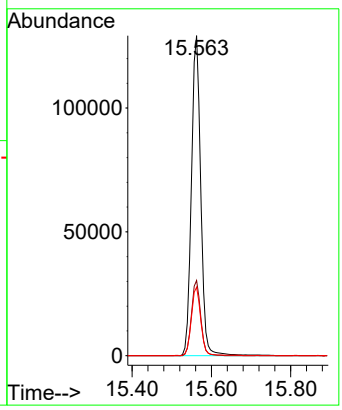


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :
38073-032124

Tgt Ion:264 Resp: 211446

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.4	17.7	26.5



CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF1424
74.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79
3)		Pyridine		1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52
4)		n-Nitrosodimet...		0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21
5)	S	2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03
6)		Aniline		2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35
7)	S	Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77
8)		2-Chlorophenol		1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44
9)		Benzaldehyde		1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81
10)	C	Phenol		1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85
11)		bis(2-Chloroet...		1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52
12)		1,3-Dichlorobe...		1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48
13)	C	1,4-Dichlorobe...		1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70
14)		1,2-Dichlorobe...		1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20
15)		Benzyl Alcohol		1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69
16)		2,2'-oxybis(1-...		2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11
17)		2-Methylphenol		1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27
18)		Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23
19)	P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)		3+4-Methylphenols		1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98
23)	S	Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51
24)		Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94
25)		Isophorone		0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26
26)	C	2-Nitrophenol		0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44
27)		2,4-Dimethylph...		0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22
28)		bis(2-Chloroet...		0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63
29)	C	2,4-Dichloroph...		0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74
30)		1,2,4-Trichlor...		0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89
31)		Naphthalene		1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94
32)		Benzoic acid			0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73
33)		4-Chloroaniline		0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87
34)	C	Hexachlorobuta...		0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52
35)		Caprolactam		0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29
36)	C	4-Chloro-3-met...		0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02
37)		2-Methylnaphth...		0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62
38)		1-Methylnaphth...		0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39
41)	P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57
42)	S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39
43)	C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69
44)		2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27
45)	S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46
46)		1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82
47)		2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84
48)		2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72
49)		Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85
50)		Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16
51)		2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74
52)	C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72
53)		3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02
54)	P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36
55)		Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38
56)	P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57
57)		2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62
58)		Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85
59)		2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71
60)		Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51
61)		4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25
62)		4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95
63)		Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72
66)	c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30
67)		4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45
68)		Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19
69)		Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29
70)	C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88
71)		Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00
72)		Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15
73)		Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39
74)		Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95
75)	C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12
78)		Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79
79)	S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80
80)		Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54
81)		Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36
82)		3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30
83)		Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20
84)		Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91
85)	c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)		Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)		Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90)	C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)		Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)		Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

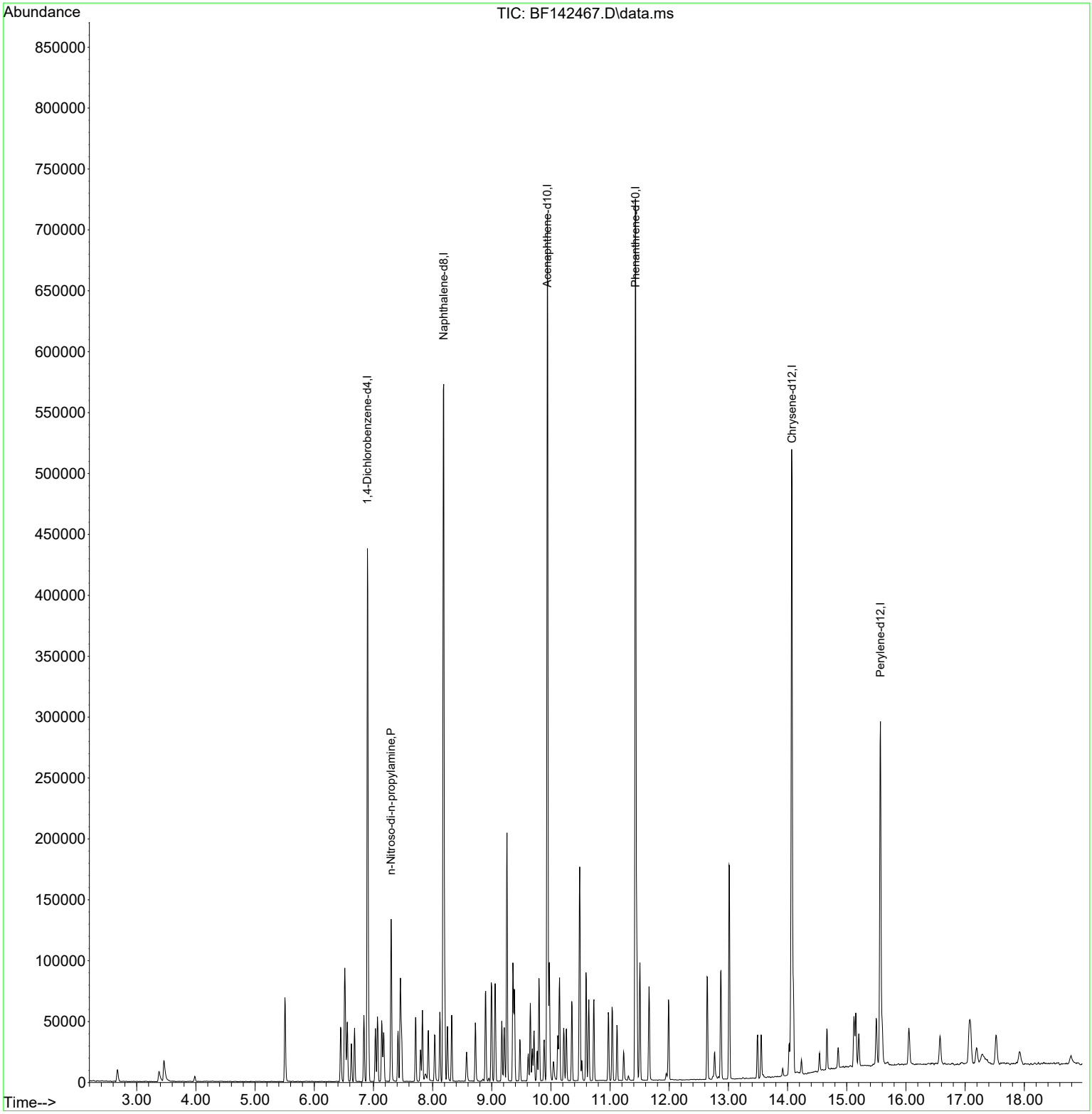
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	371457	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	211662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	381744	20.000	ng	0.00
76) Chrysene-d12	14.074	240	236443	20.000	ng	0.00
86) Perylene-d12	15.568	264	169046	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...	7.298	70	10828	2.607	ng	97

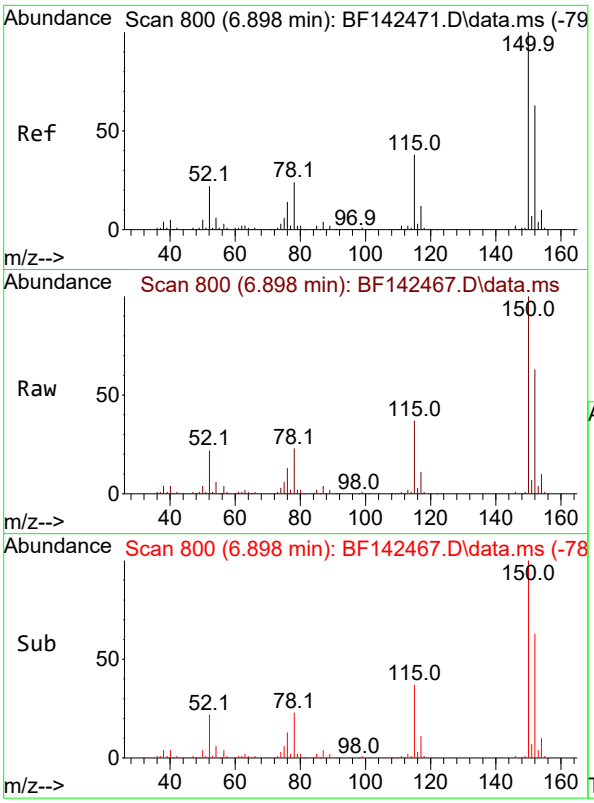
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



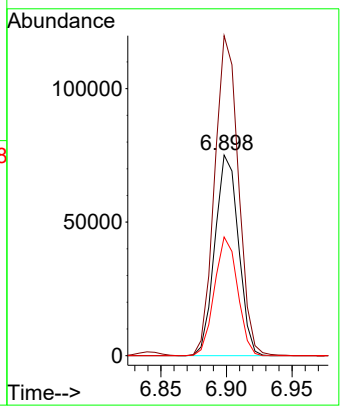


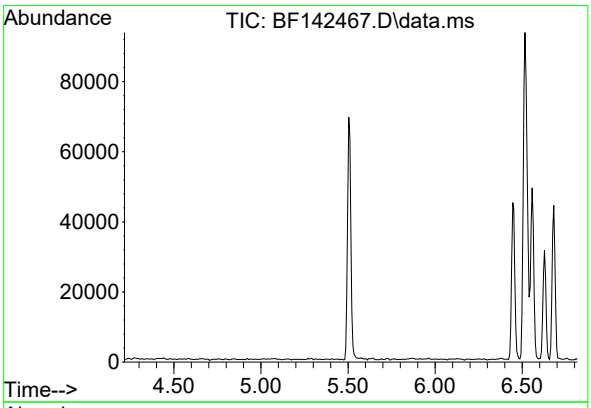
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 93808

Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	59.2	48.3	72.5



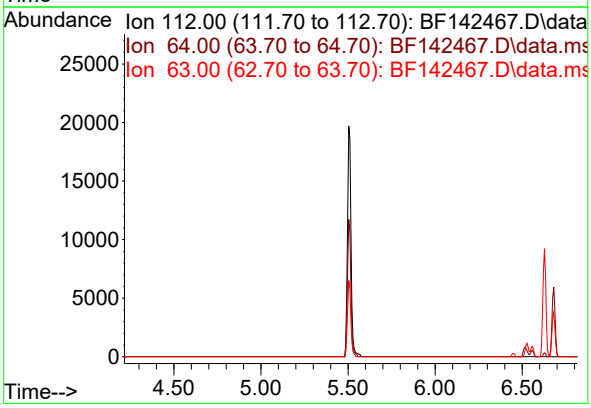


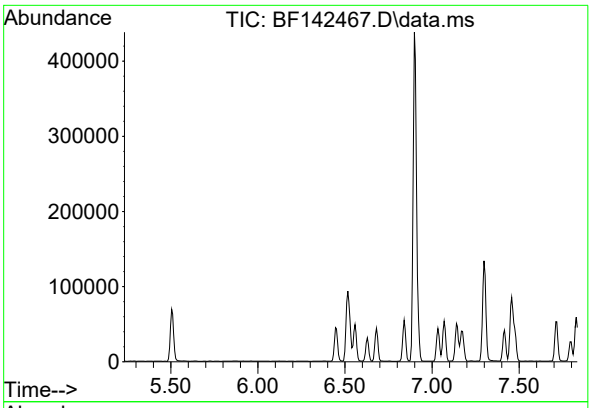
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.52 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.4
63	31.1





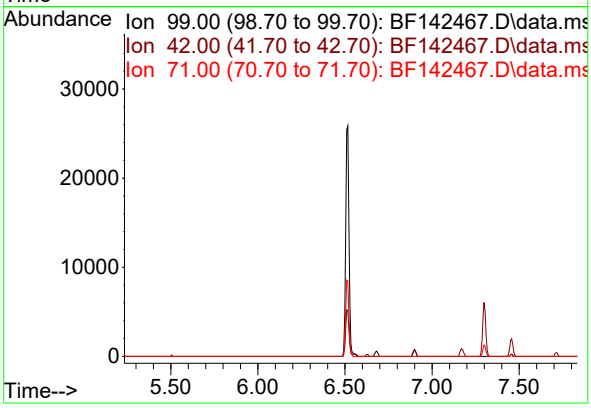
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.53 min

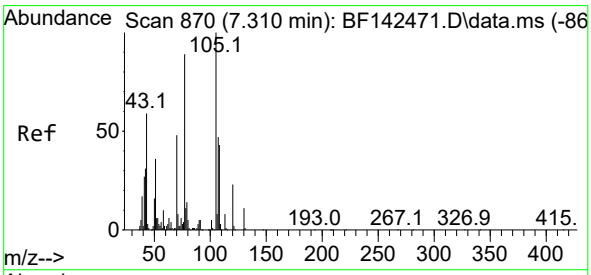
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.2
71	34.1

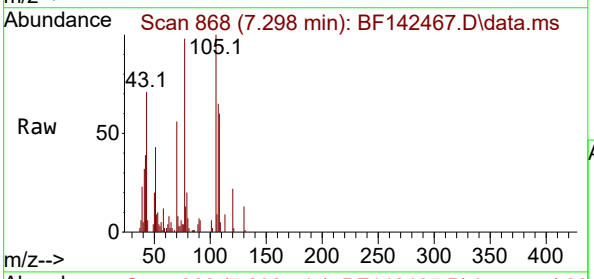


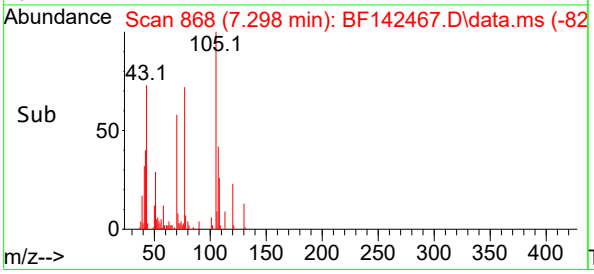


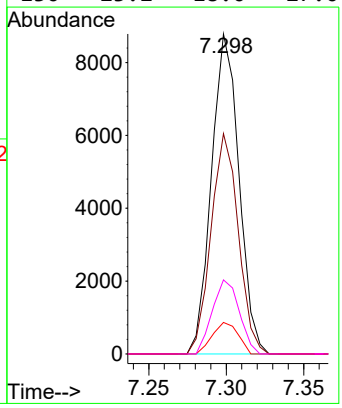
#19
n-Nitroso-di-n-propylamine
Concen: 2.607 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.029 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

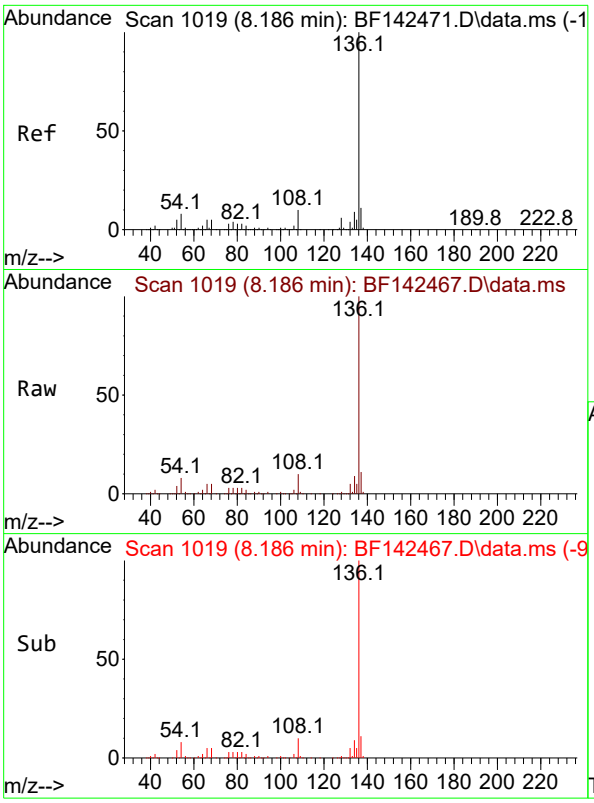
Tgt Ion: 70 Resp: 10828

Ion	Ratio	Lower	Upper
70	100		
42	68.8	52.4	78.6
101	9.9	7.8	11.8
130	23.2	18.0	27.0







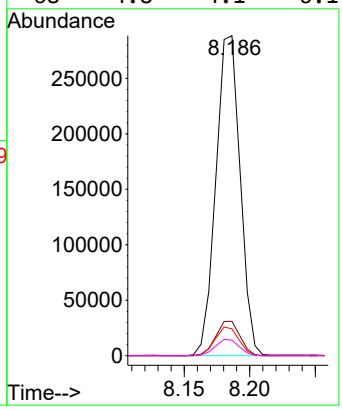


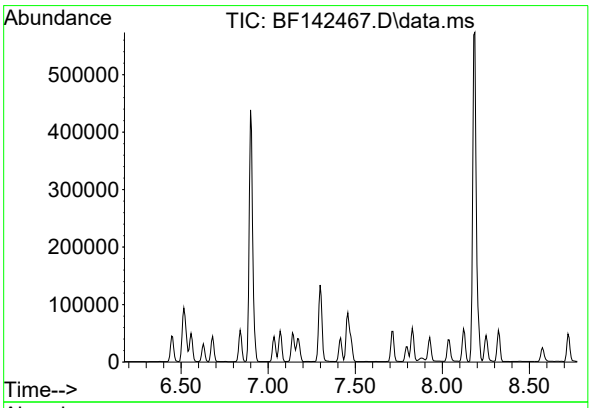
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 371457

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.6	10.0
68	4.8	4.1	6.1



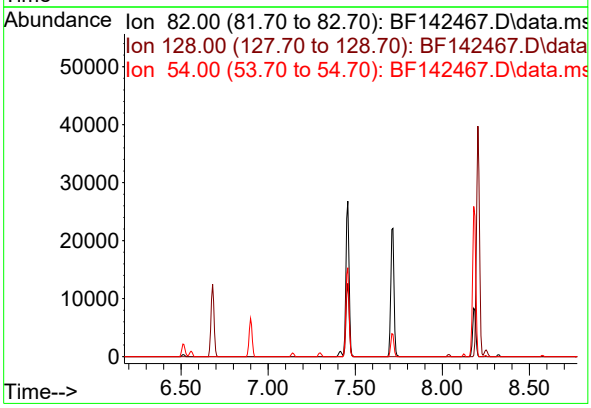


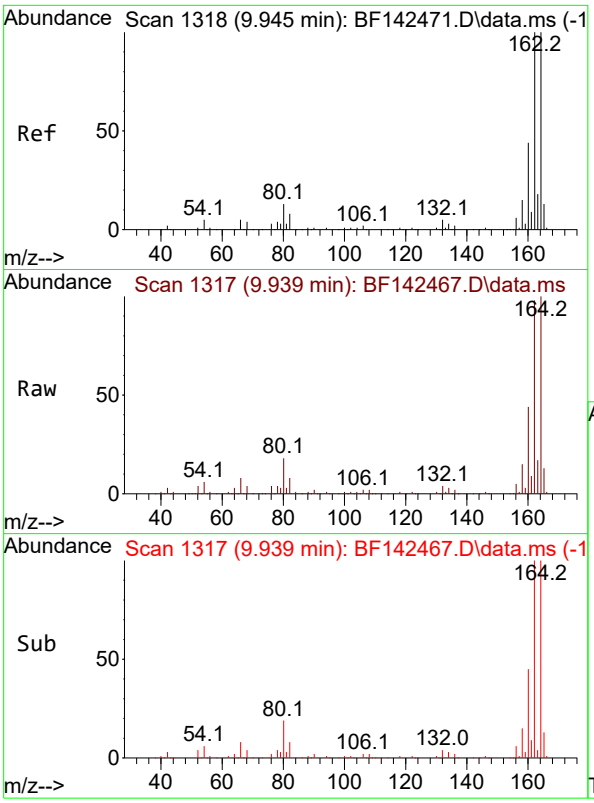
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.8
54	58.3



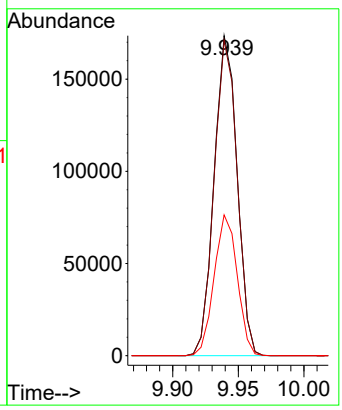


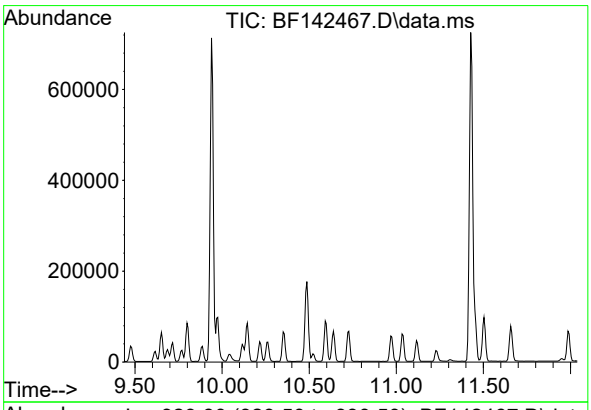
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 211662

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.4
160	44.0	35.6	53.4



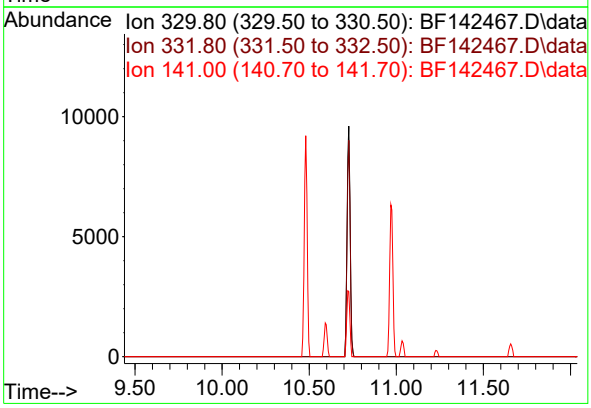


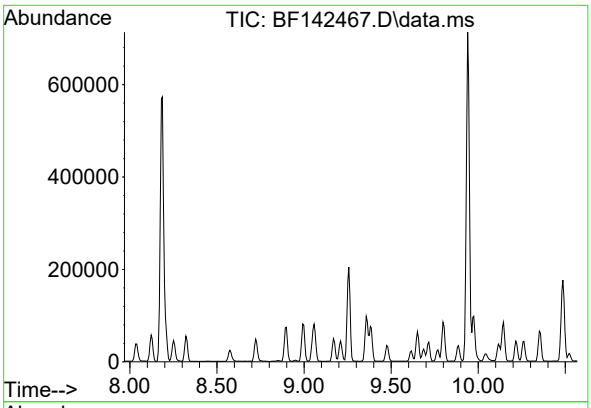
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.74 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	30.7





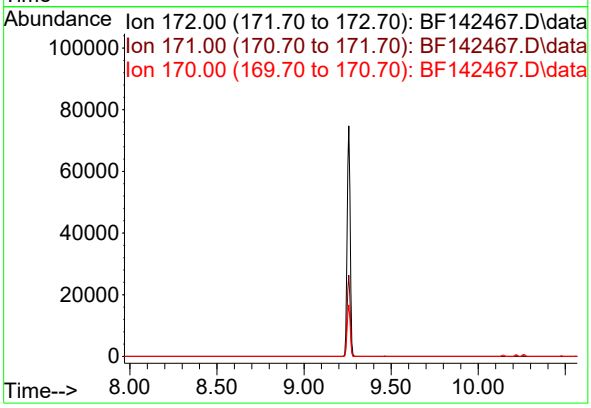
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.27 min

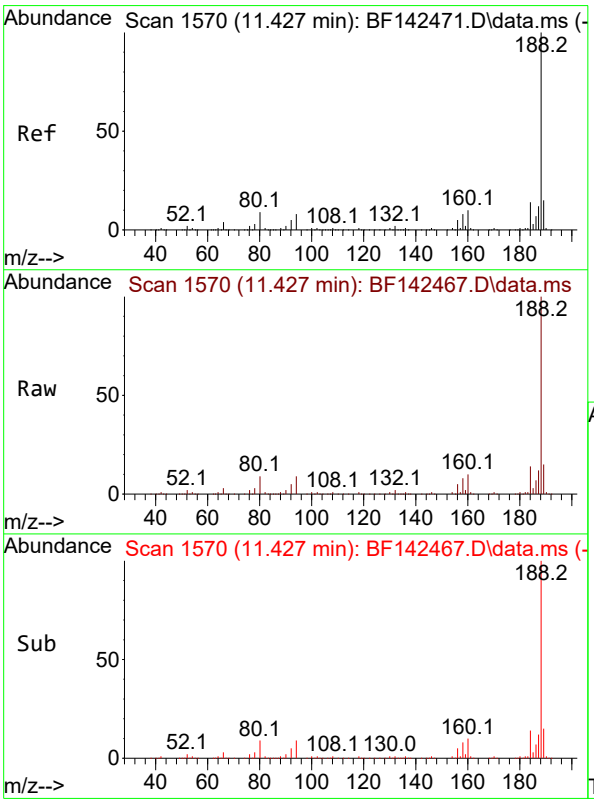
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.7
170	23.6

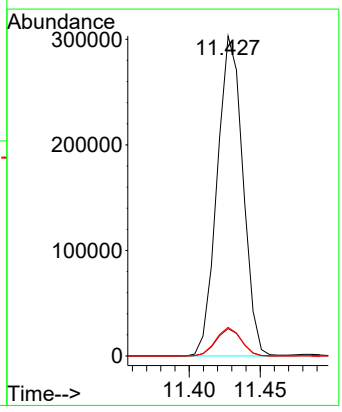


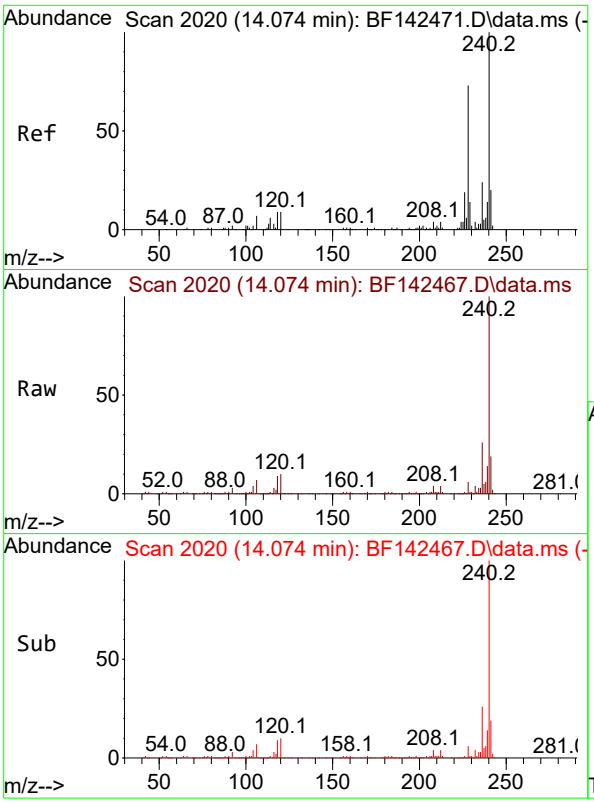


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion:188 Resp: 381744

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.0	7.4	11.0



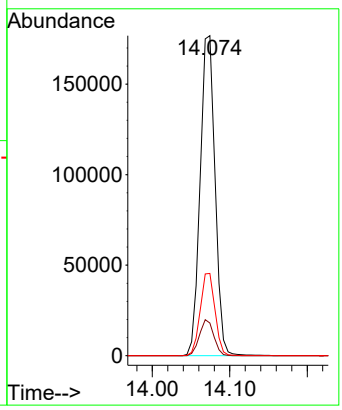


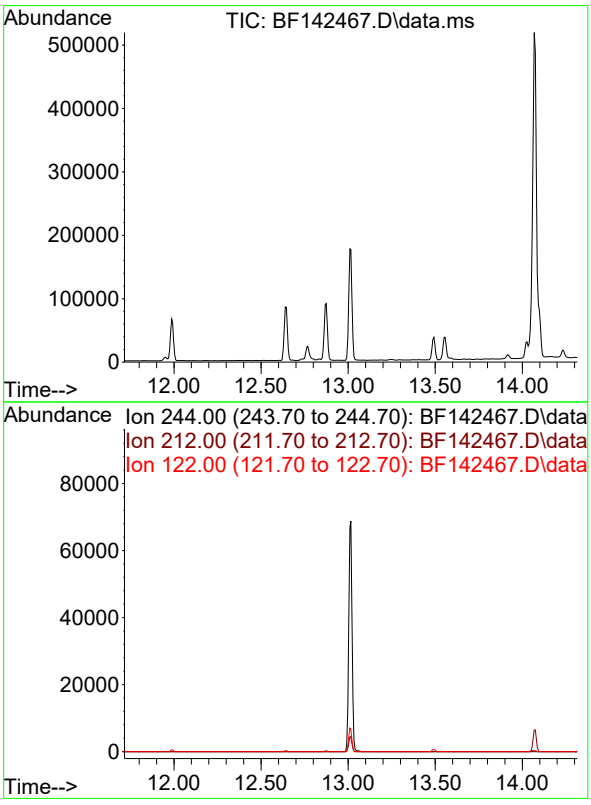
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 236443

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.5	11.3
236	25.7	19.6	29.4



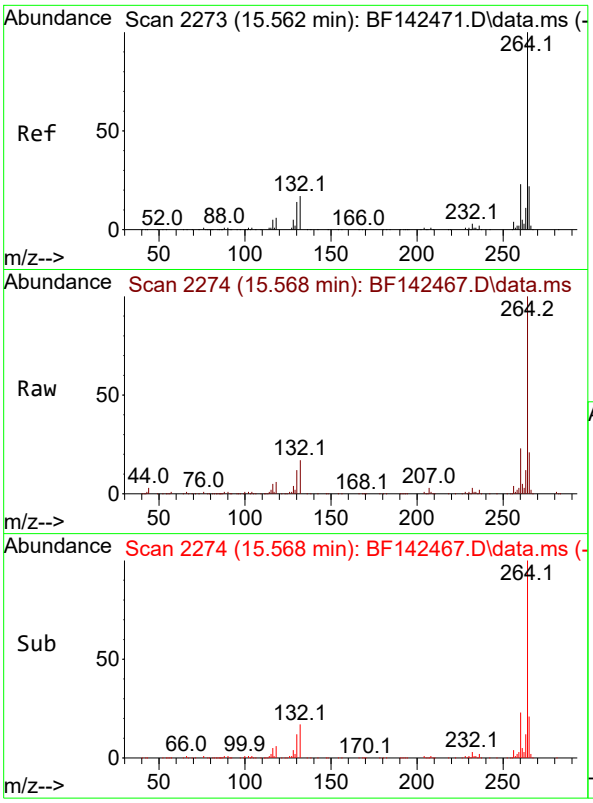


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.6
122	10.2

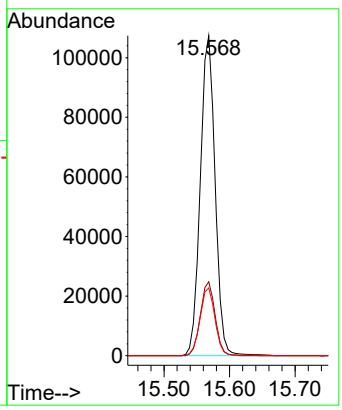


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 169046

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.2	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	87254	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	345154	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	197100	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	349474	20.000	ng		0.00
76) Chrysene-d12	14.074	240	218524	20.000	ng		0.00
86) Perylene-d12	15.568	264	154887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	55140	10.647	ng		-0.01
7) Phenol-d6	6.516	99	66768	10.710	ng		-0.02
23) Nitrobenzene-d5	7.457	82	64876	10.249	ng		-0.02
42) 2,4,6-Tribromophenol	10.727	330	22702	10.378	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	170142	11.583	ng		-0.01
79) Terphenyl-d14	13.016	244	177430	11.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	10748	5.186	ng		97
3) Pyridine	3.451	79	26993	5.115	ng		98
4) n-Nitrosodimethylamine	3.369	42	13346	4.870	ng	#	97
6) Aniline	6.557	93	44576	5.318	ng		98
8) 2-Chlorophenol	6.681	128	29341	5.201	ng		98
9) Benzaldehyde	6.445	77	22572	6.020	ng		98
10) Phenol	6.528	94	37431	5.336	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	26215	5.192	ng		98
12) 1,3-Dichlorobenzene	6.839	146	34073	5.413	ng		97
13) 1,4-Dichlorobenzene	6.916	146	33593	5.298	ng		99
14) 1,2-Dichlorobenzene	7.069	146	32604	5.374	ng		99
15) Benzyl Alcohol	7.034	79	23103	5.015	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	45414	5.355	ng		99
17) 2-Methylphenol	7.139	107	22693	5.153	ng		98
18) Hexachloroethane	7.416	117	11635	5.255	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	20527	5.313	ng		96
20) 3+4-Methylphenols	7.292	107	30797	5.460	ng	#	88
22) Acetophenone	7.304	105	41438	5.423	ng		99
24) Nitrobenzene	7.475	77	29193	5.114	ng		96
25) Isophorone	7.716	82	54838	5.182	ng		98
26) 2-Nitrophenol	7.798	139	14387	4.716	ng		99
27) 2,4-Dimethylphenol	7.828	122	27170	5.051	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	35010	5.296	ng		97
29) 2,4-Dichlorophenol	8.034	162	24812	5.072	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	28037	5.281	ng		97
31) Naphthalene	8.204	128	91563	5.388	ng		100
33) 4-Chloroaniline	8.251	127	36597	5.314	ng		98
34) Hexachlorobutadiene	8.322	225	17505	5.280	ng		99
35) Caprolactam	8.581	113	7020	5.109	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	26197	5.225	ng		97
37) 2-Methylnaphthalene	8.898	142	58574	5.478	ng		99
38) 1-Methylnaphthalene	8.992	142	60674	5.486	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	29150	5.152	ng		99
41) Hexachlorocyclopentadiene	9.051	237	15667	4.105	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	19079	5.001	ng		99
44) 2,4,5-Trichlorophenol	9.210	196	20200	5.020	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

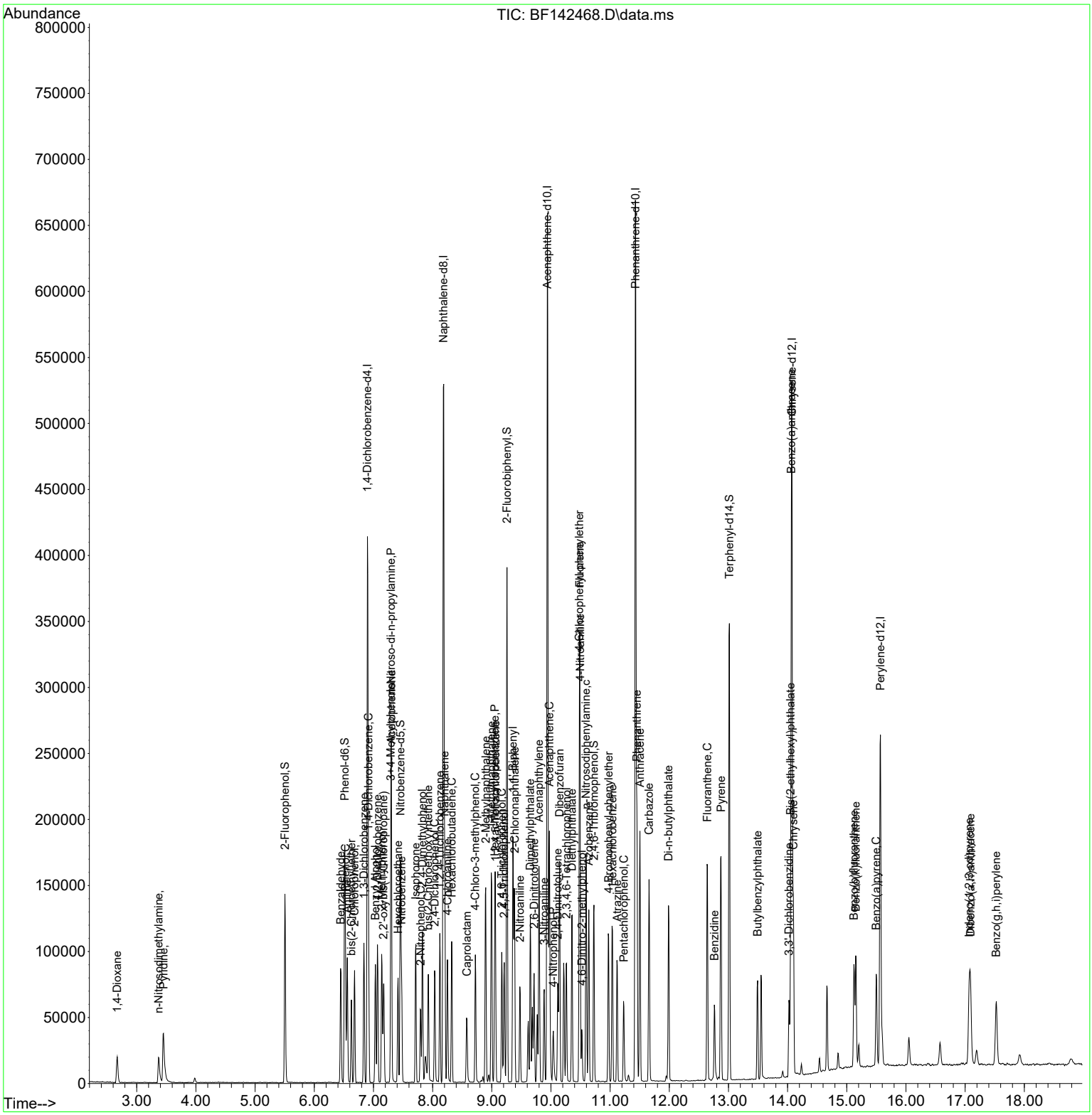
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	82376	5.387	ng	99
47) 2-Chloronaphthalene	9.386	162	60002	5.311	ng	97
48) 2-Nitroaniline	9.475	65	16399	5.022	ng	95
49) Acenaphthylene	9.798	152	101686	5.330	ng	99
50) Dimethylphthalate	9.651	163	71020	5.461	ng	99
51) 2,6-Dinitrotoluene	9.716	165	14295	5.093	ng	97
52) Acenaphthene	9.975	154	62026	5.325	ng	99
53) 3-Nitroaniline	9.886	138	15749	5.137	ng	99
55) Dibenzofuran	10.145	168	92955	5.545	ng	98
56) 4-Nitrophenol	10.039	139	10876	4.808	ng	93
57) 2,4-Dinitrotoluene	10.116	165	18322	4.998	ng	91
58) Fluorene	10.486	166	72775	5.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	17096	5.090	ng	98
60) Diethylphthalate	10.357	149	70046	5.515	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	35694	5.611	ng	97
62) 4-Nitroaniline	10.492	138	14920	5.366	ng	95
63) Azobenzene	10.639	77	61041	5.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	7475	3.833	ng	90
66) n-Nitrosodiphenylamine	10.592	169	62215	5.204	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	20974	5.076	ng	98
68) Hexachlorobenzene	11.039	284	23159	5.067	ng	100
69) Atrazine	11.122	200	16045	5.053	ng	98
70) Pentachlorophenol	11.233	266	11357	4.401	ng	96
71) Phenanthrene	11.451	178	104484	5.594	ng	100
72) Anthracene	11.504	178	104017	5.457	ng	100
73) Carbazole	11.657	167	89967	5.521	ng	99
74) Di-n-butylphthalate	11.986	149	96777	5.426	ng	99
75) Fluoranthene	12.645	202	102797	5.890	ng	99
77) Benzidine	12.763	184	36585	4.499	ng	98
78) Pyrene	12.874	202	105394	5.170	ng	99
80) Butylbenzylphthalate	13.492	149	25251	4.483	ng	96
81) Benzo(a)anthracene	14.063	228	77800	5.332	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	19673	4.445	ng	98
83) Chrysene	14.098	228	66761	5.092	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	27864	3.864	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	55034	4.733	ng	99
88) Benzo(b)fluoranthene	15.121	252	51014	5.565	ng	98
89) Benzo(k)fluoranthene	15.151	252	46114	5.371	ng	98
90) Benzo(a)pyrene	15.498	252	44694	5.172	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	44618	4.731	ng	98
92) Benzo(g,h,i)perylene	17.527	276	44684	4.737	ng	97

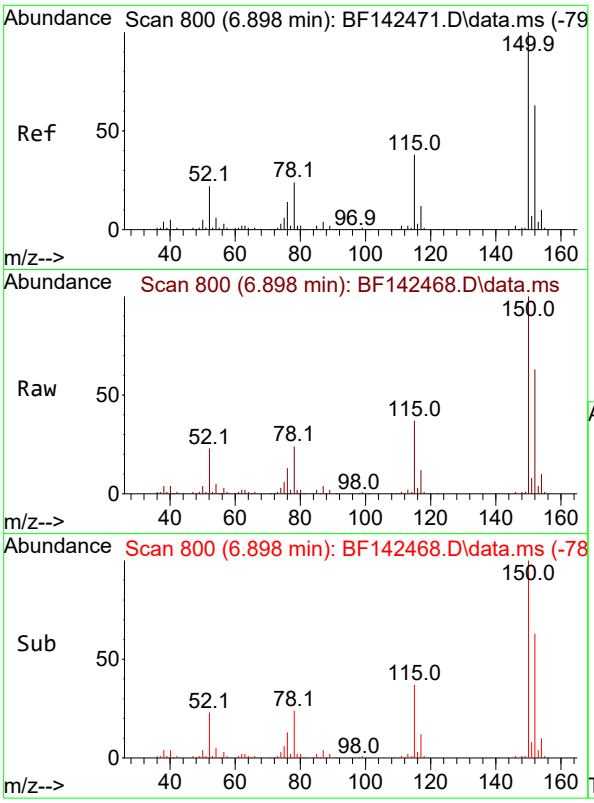
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



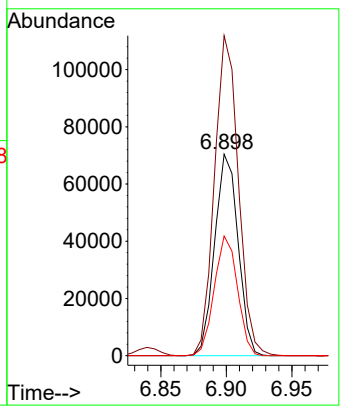


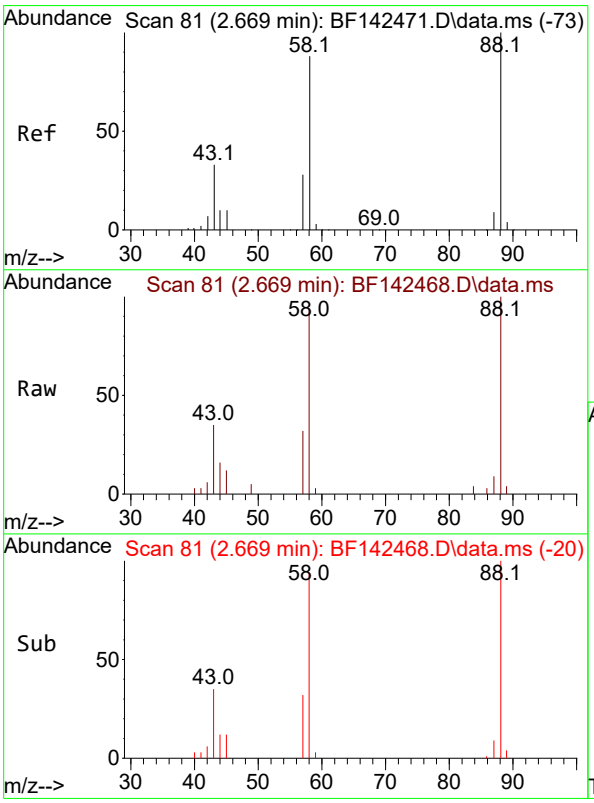
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 87254

Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.2	192.4
115	59.4	48.3	72.5

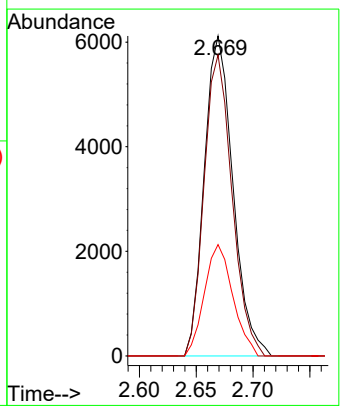


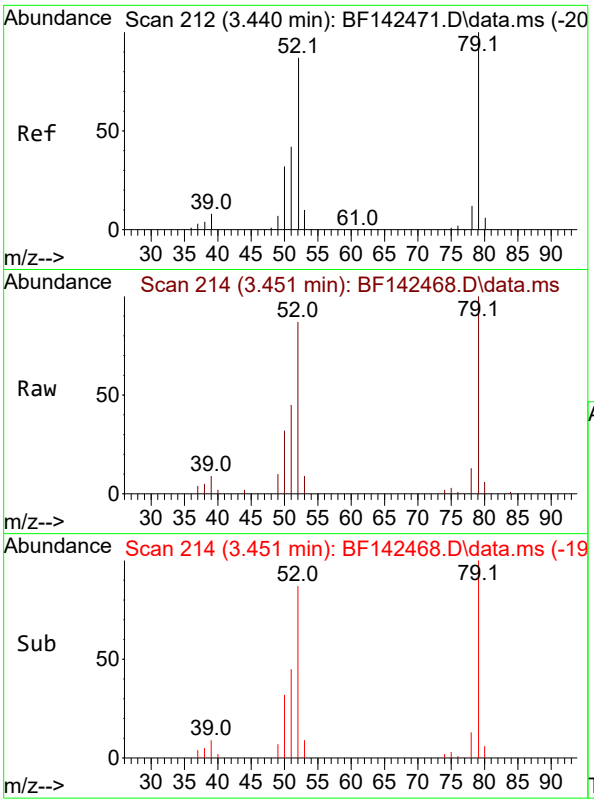


#2
1,4-Dioxane
Concen: 5.186 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 88 Resp: 10748

Ion	Ratio	Lower	Upper
88	100		
58	91.6	70.8	106.2
43	34.5	26.6	40.0



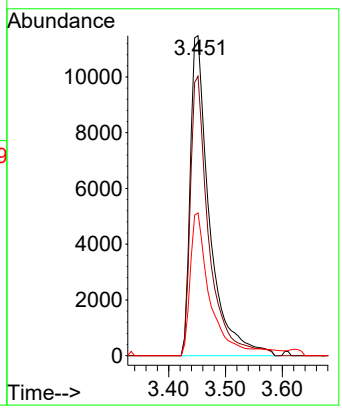


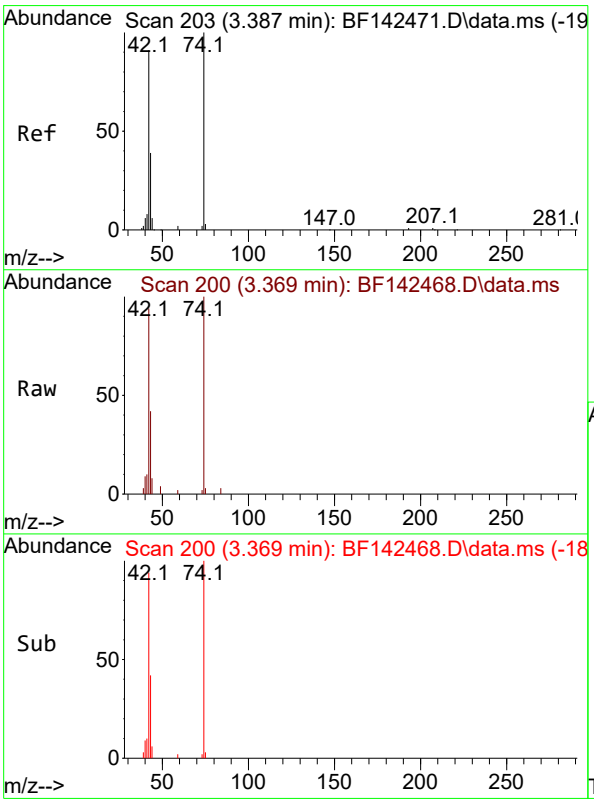
#3
Pyridine
Concen: 5.115 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 26993

Ion	Ratio	Lower	Upper
79	100		
52	87.3	69.2	103.8
51	44.6	33.3	49.9

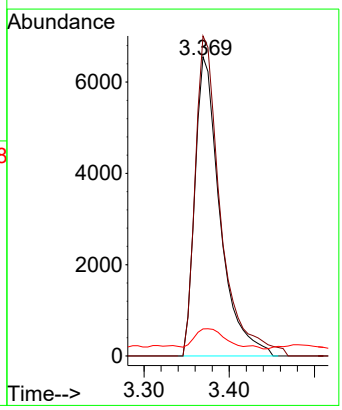


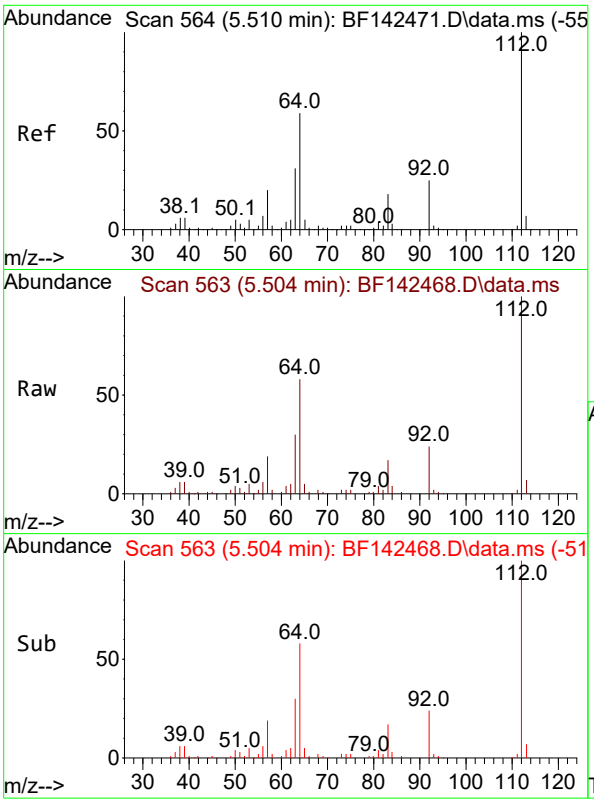


#4
n-Nitrosodimethylamine
Concen: 4.870 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 42 Resp: 13346

Ion	Ratio	Lower	Upper
42	100		
74	106.9	88.2	132.4
44	9.1	5.4	8.2#



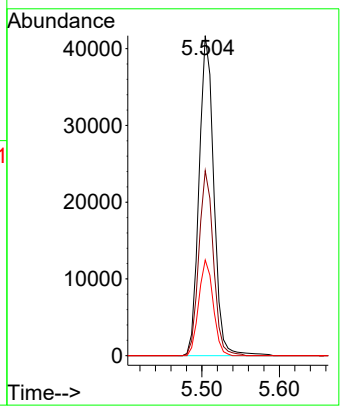


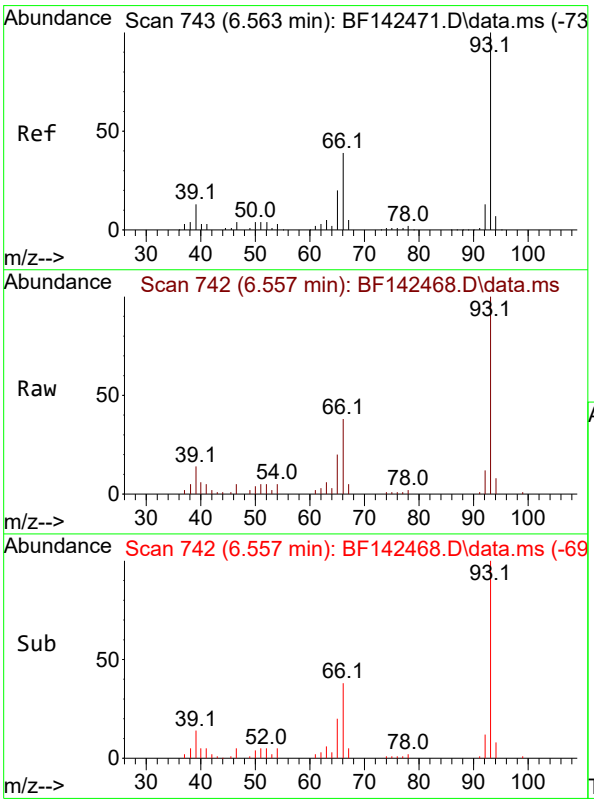
#5
2-Fluorophenol
Concen: 10.647 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 55140

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.5	71.3
63	29.9	24.9	37.3

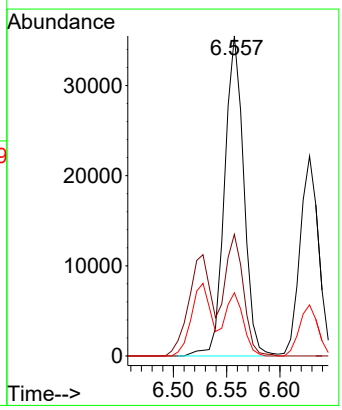


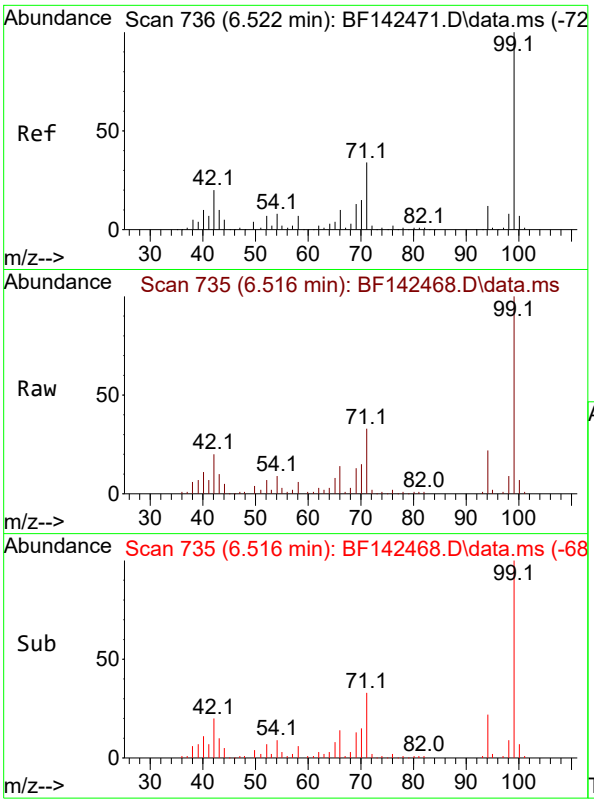


#6
Aniline
Concen: 5.318 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 44576

Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.0	48.0
65	19.7	16.1	24.1



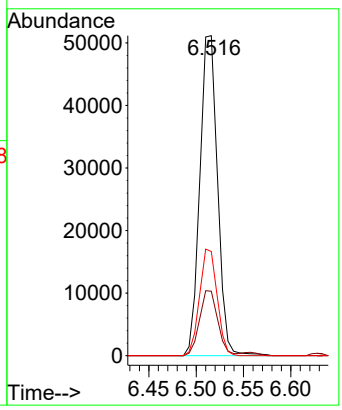


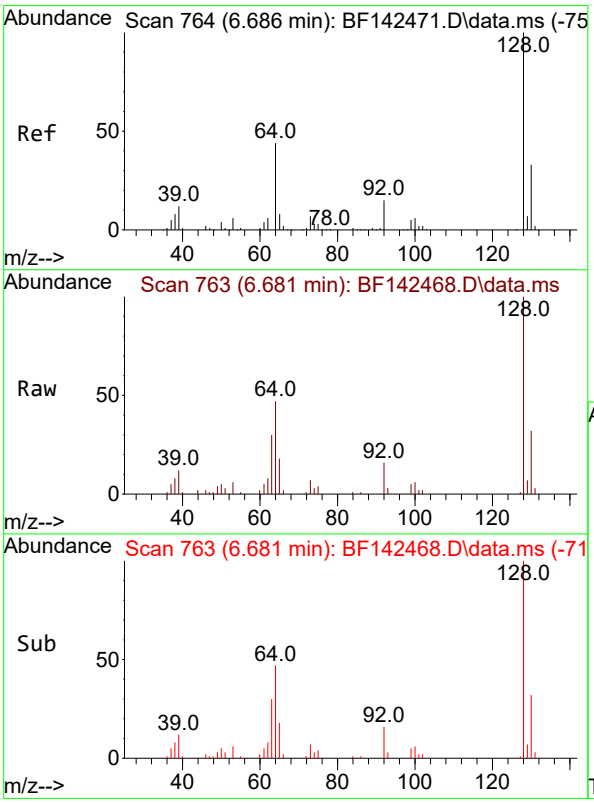
#7
Phenol-d6
Concen: 10.710 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 66768

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	32.6	27.3	40.9

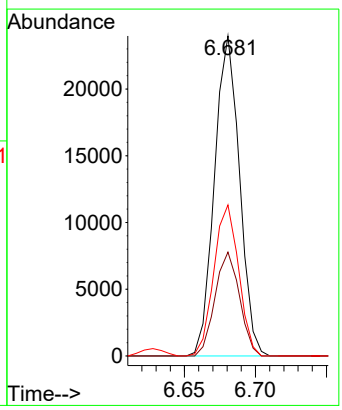


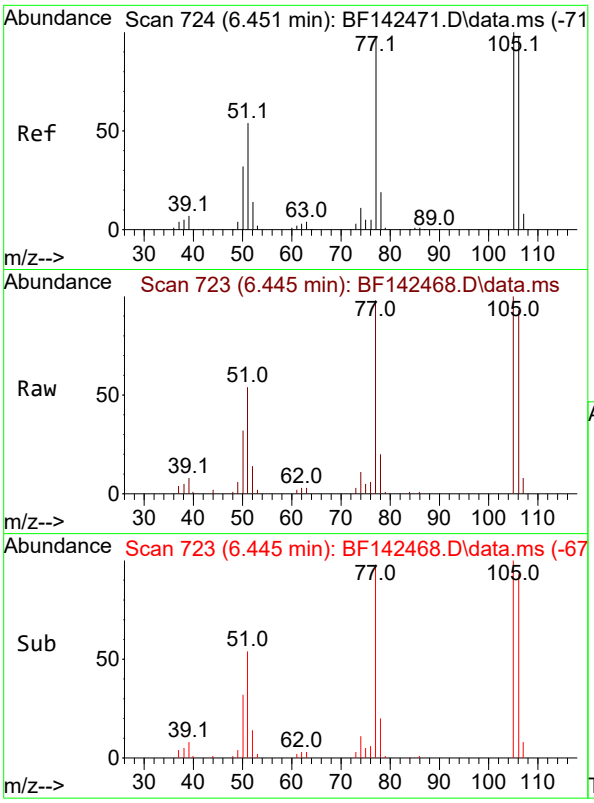


#8
2-Chlorophenol
Concen: 5.201 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:128 Resp: 29341

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	47.2	25.1	65.1



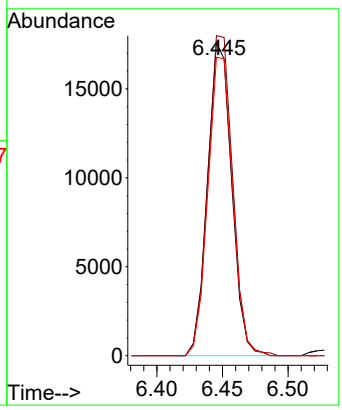


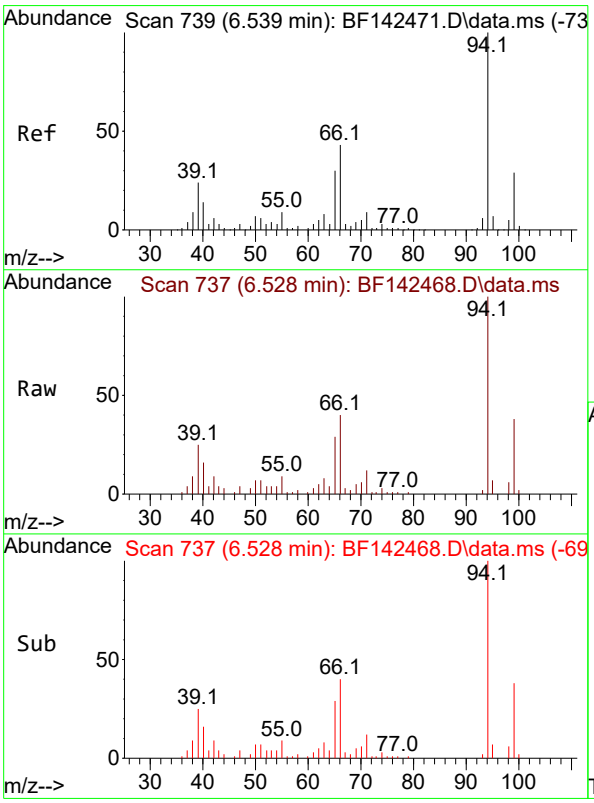
#9
Benzaldehyde
Concen: 6.020 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 22572

Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.5	122.5
106	95.3	80.0	120.0

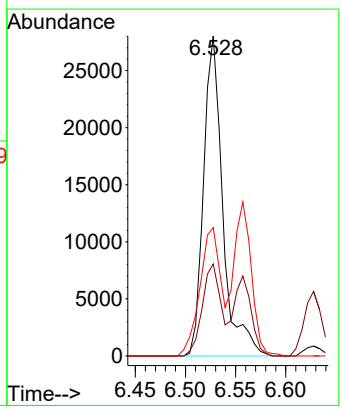


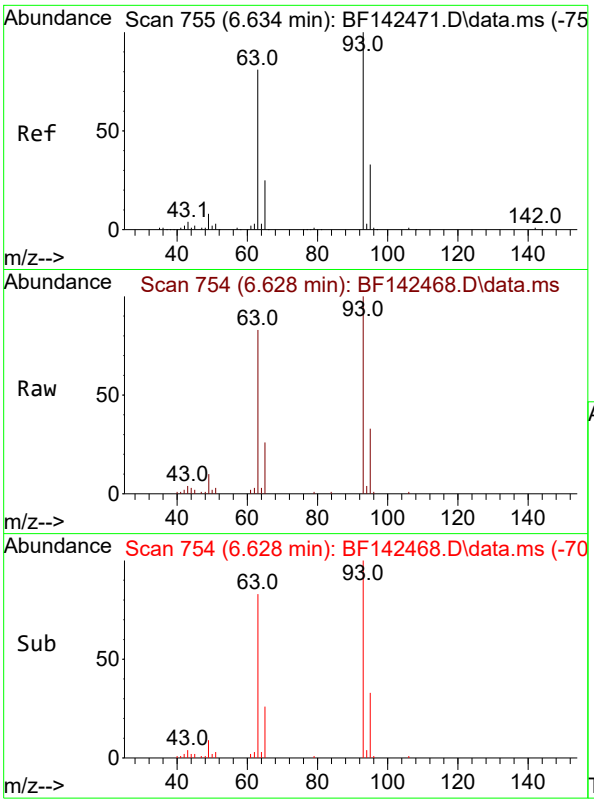


#10
Phenol
Concen: 5.336 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 94 Resp: 37431

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.3	50.3
66	40.1	22.6	62.6



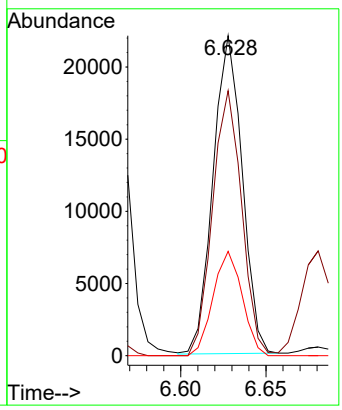


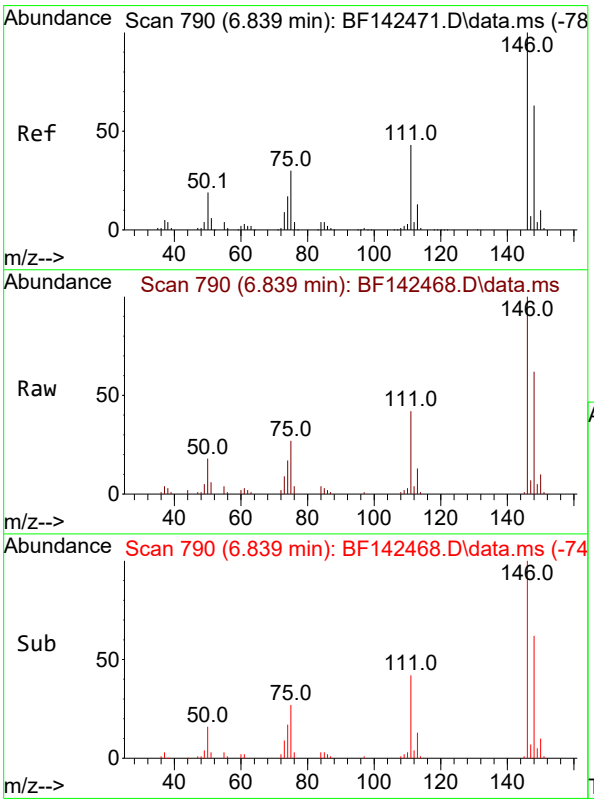
#11
bis(2-Chloroethyl)ether
Concen: 5.192 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 26215

Ion	Ratio	Lower	Upper
93	100		
63	82.8	60.2	100.2
95	32.6	12.3	52.3

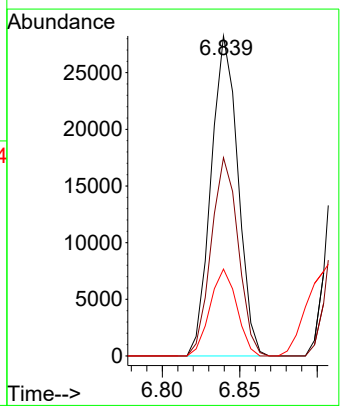


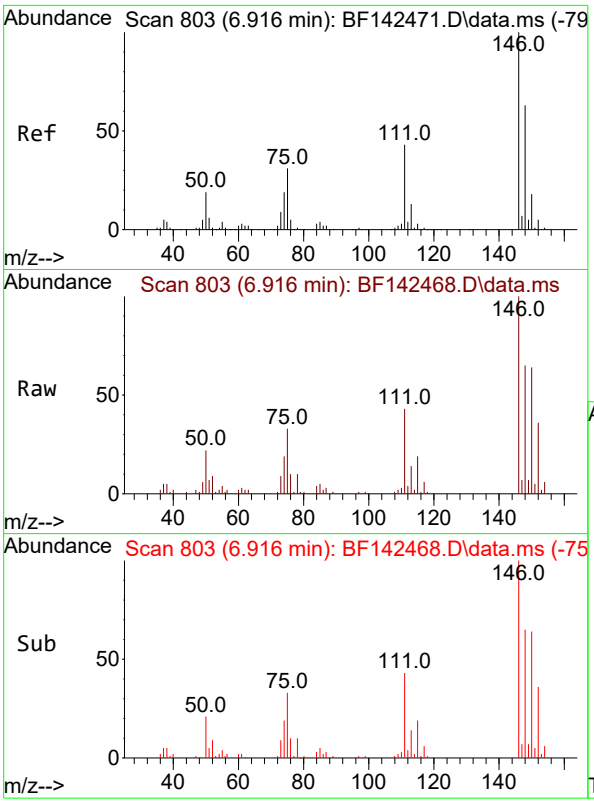


#12
1,3-Dichlorobenzene
Concen: 5.413 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:146 Resp: 34073

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	75.8
75	27.1	23.8	35.6



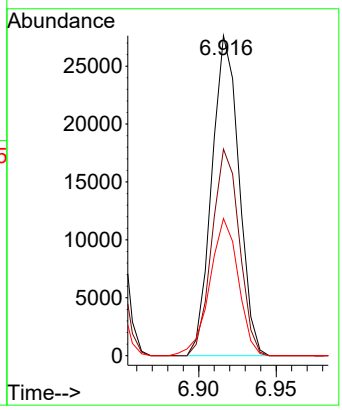


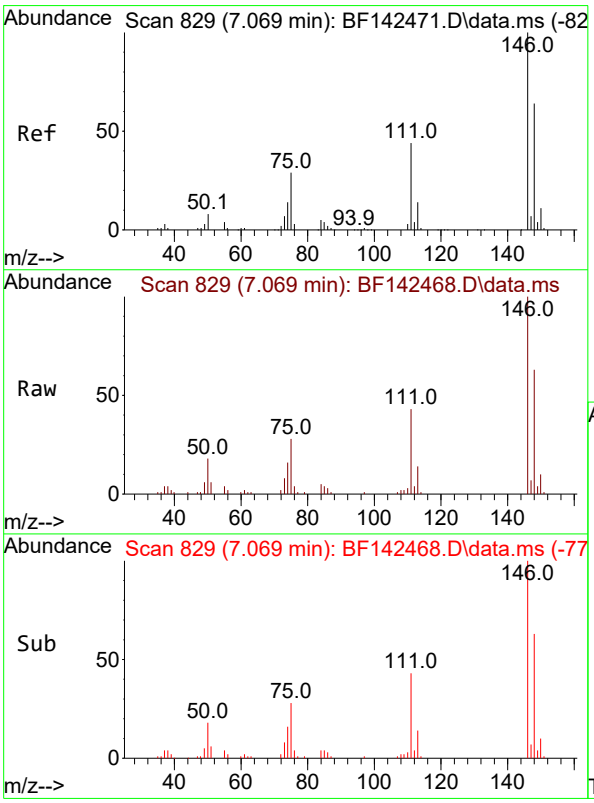
#13
1,4-Dichlorobenzene
Concen: 5.298 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 33593

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	42.9	34.1	51.1

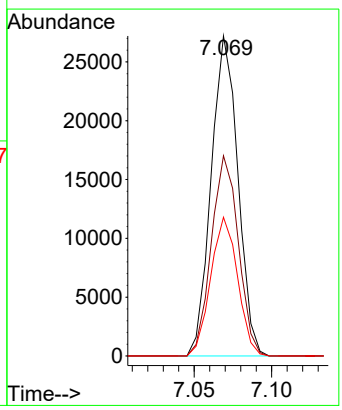


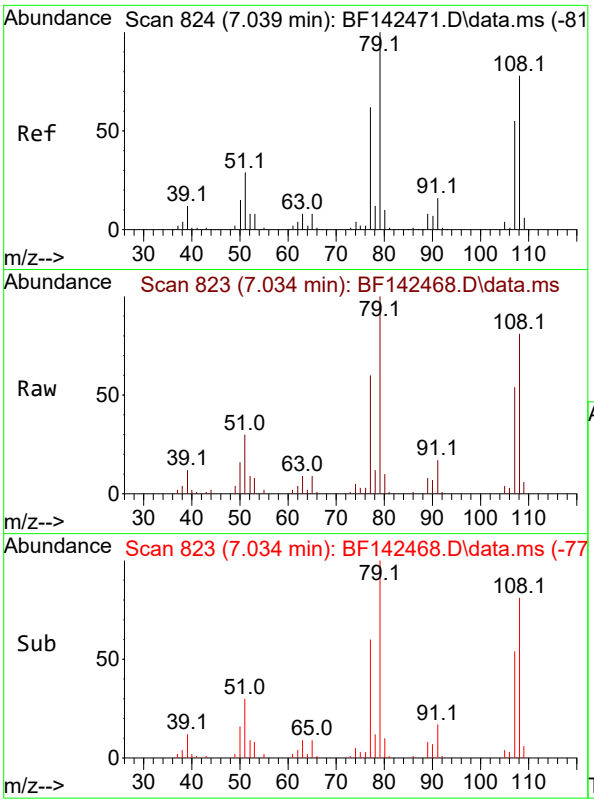


#14
1,2-Dichlorobenzene
Concen: 5.374 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:146 Resp: 32604

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.4
111	43.4	35.0	52.6



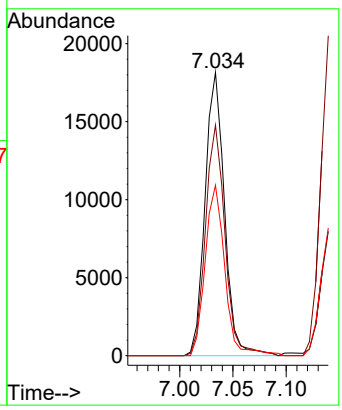


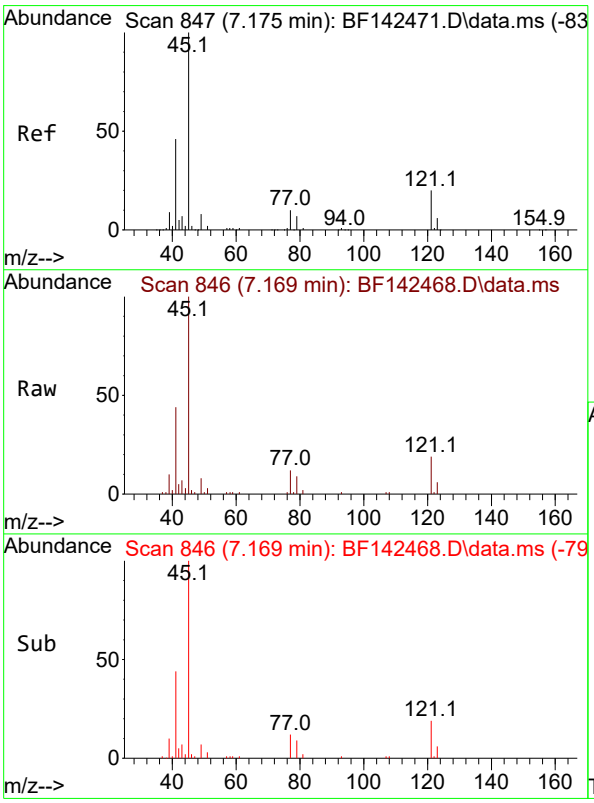
#15
Benzyl Alcohol
Concen: 5.015 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23103

Ion	Ratio	Lower	Upper
79	100		
108	81.4	62.1	93.1
77	60.2	49.5	74.3

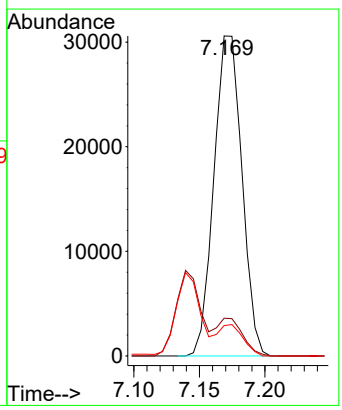


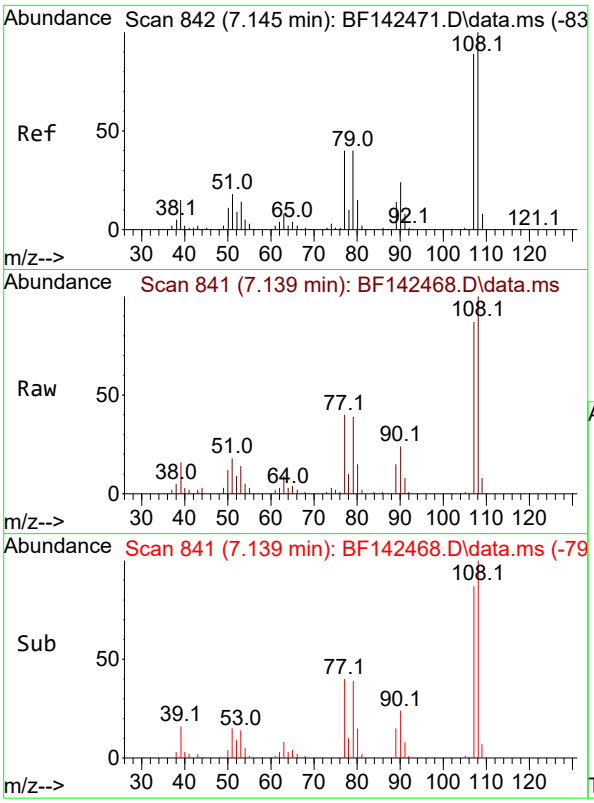


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.355 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 45 Resp: 45414

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.0
79	9.5	0.0	29.2



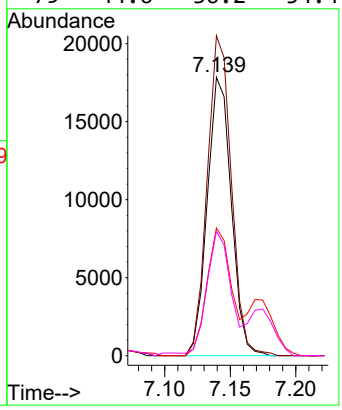


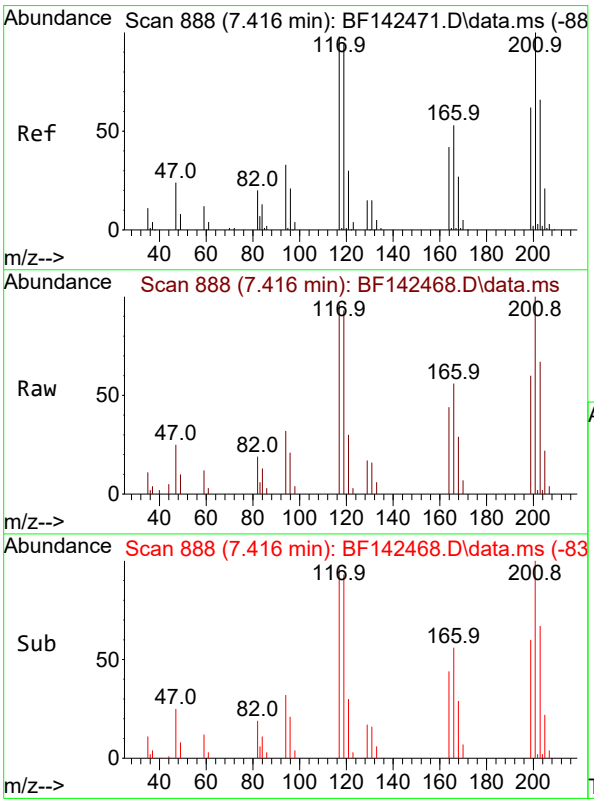
#17
2-Methylphenol
Concen: 5.153 ng
RT: 7.139 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 22693

Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.2	135.2
77	45.9	36.1	54.1
79	44.6	36.2	54.4

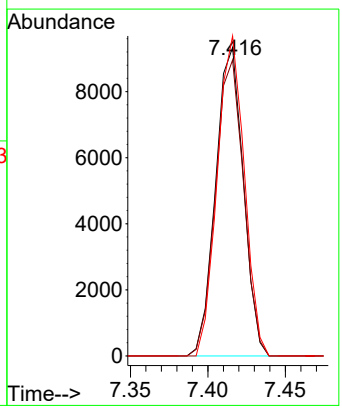


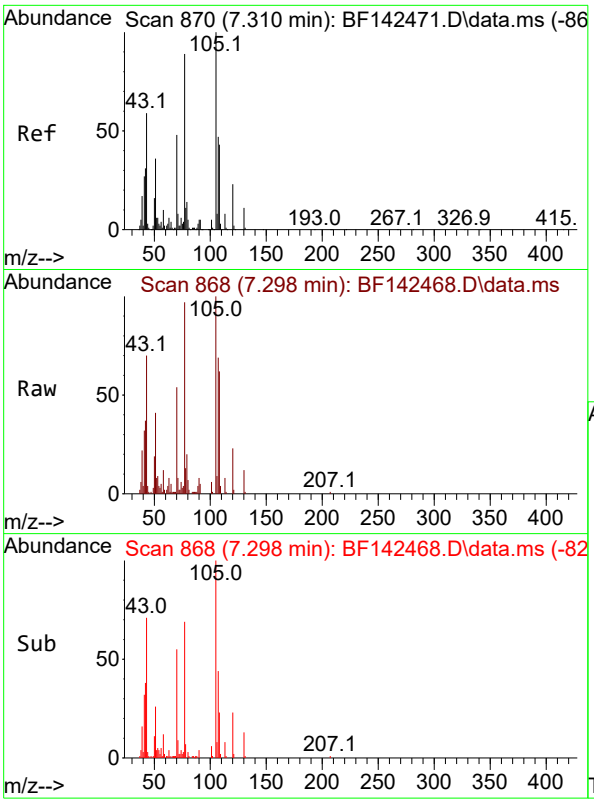


#18
Hexachloroethane
Concen: 5.255 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:117 Resp: 11635

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	103.7	81.3	121.9



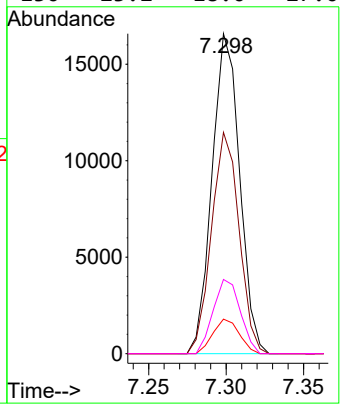


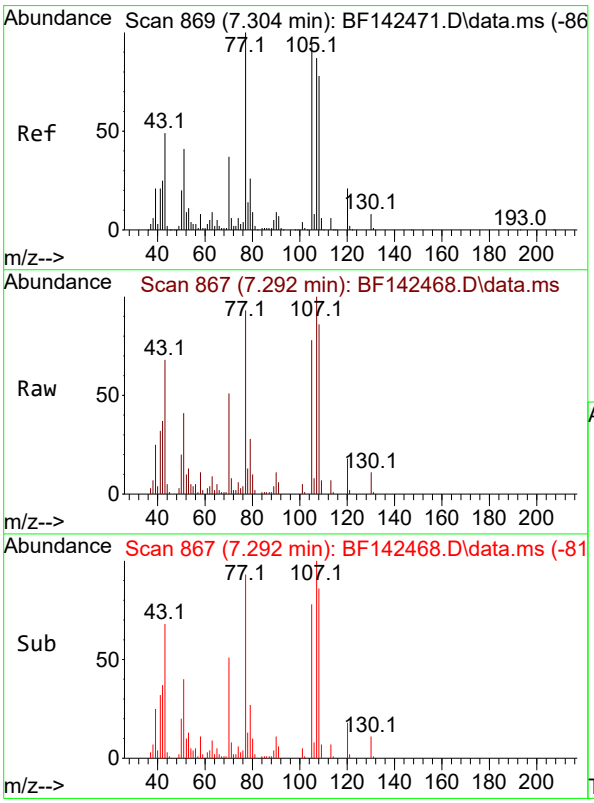
#19
n-Nitroso-di-n-propylamine
Concen: 5.313 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 20527

Ion	Ratio	Lower	Upper
70	100		
42	69.1	52.4	78.6
101	10.8	7.8	11.8
130	23.2	18.0	27.0

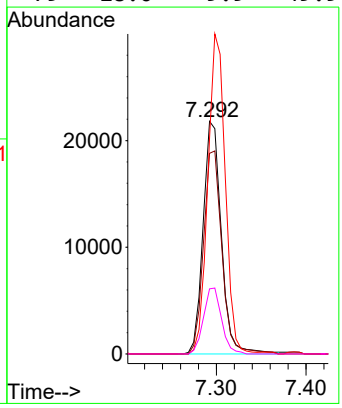


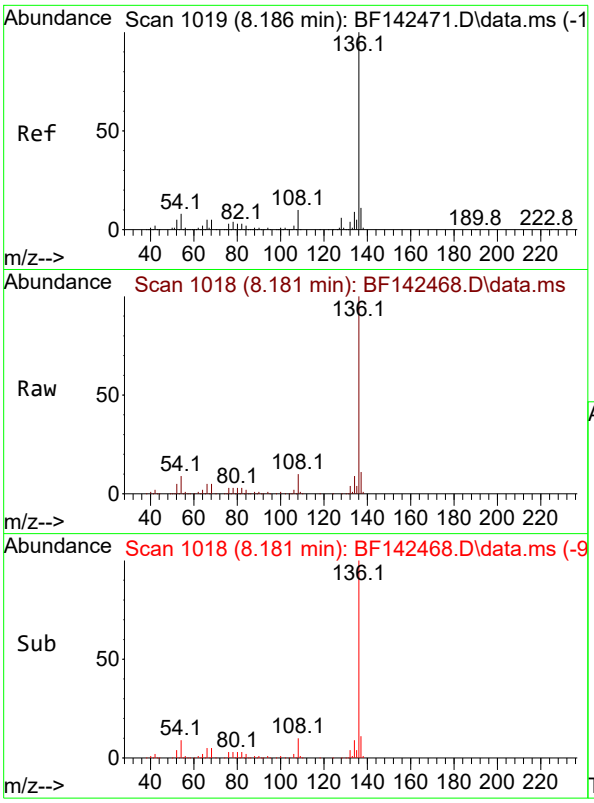


#20
3+4-Methylphenols
Concen: 5.460 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:107 Resp: 30797

Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.4	110.4
77	92.8	95.4	135.4#
79	28.0	9.9	49.9



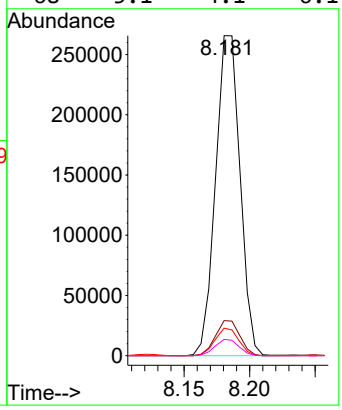


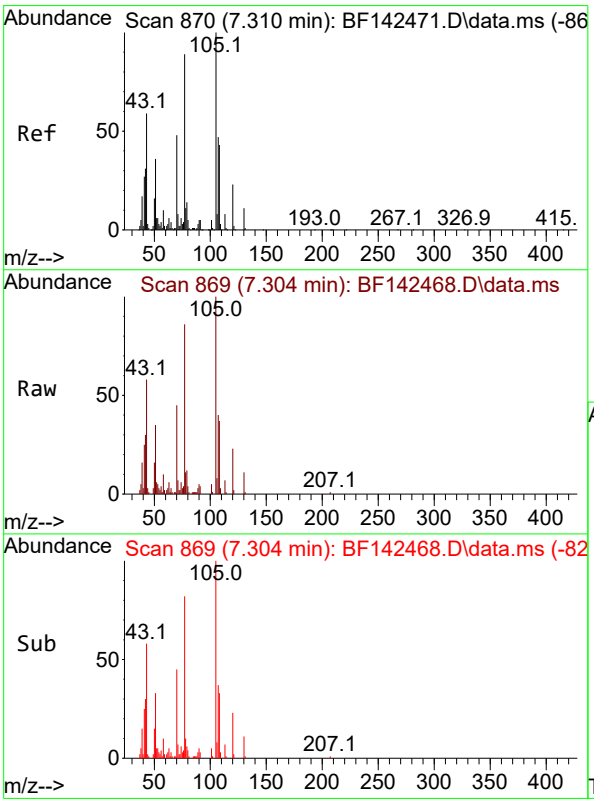
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 345154

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.6	10.0
68	5.1	4.1	6.1

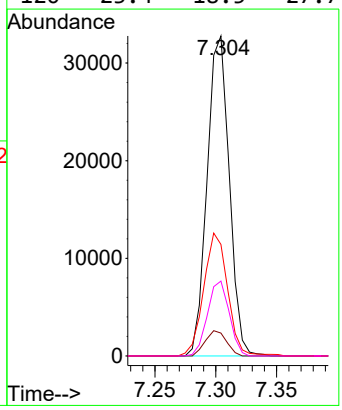


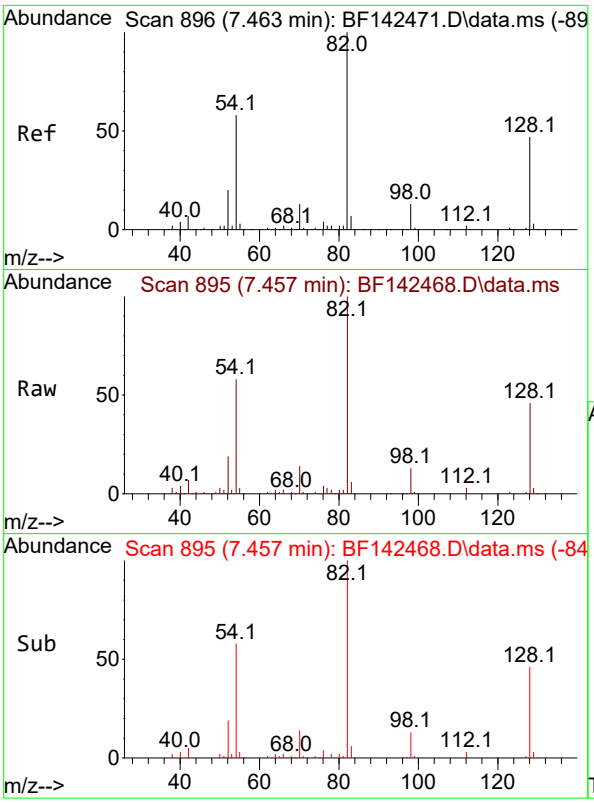


#22
Acetophenone
Concen: 5.423 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:105 Resp: 41438

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.4	9.6
51	34.9	28.6	42.8
120	23.4	18.5	27.7



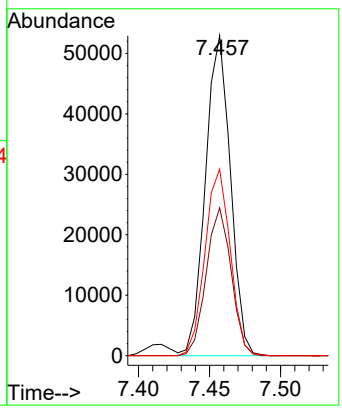


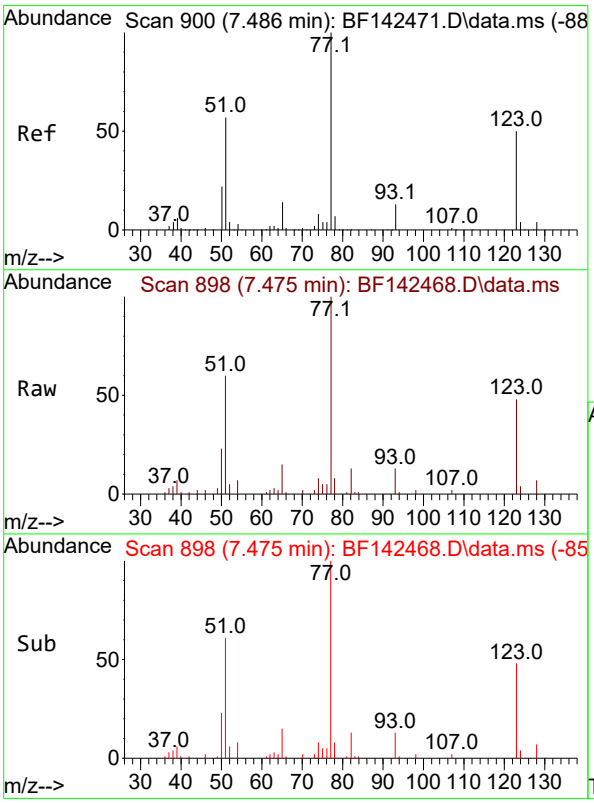
#23
Nitrobenzene-d5
Concen: 10.249 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 64876

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.4	56.2
54	58.3	46.6	70.0

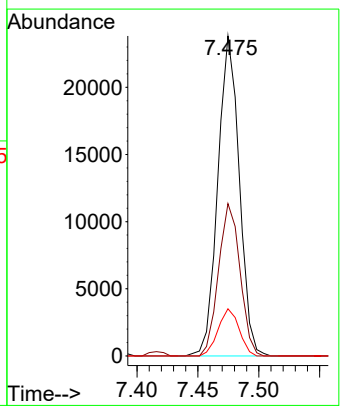


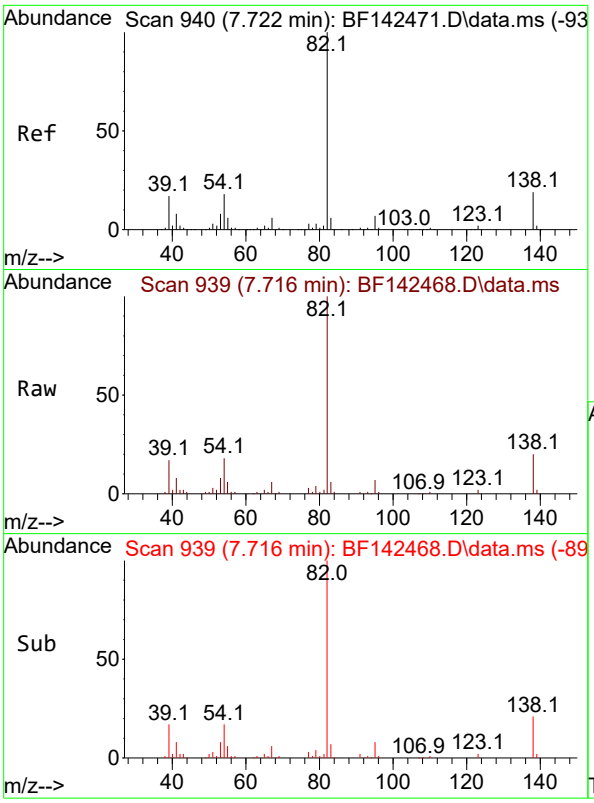


#24
Nitrobenzene
Concen: 5.114 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 77 Resp: 29193

Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.6	61.0
65	14.7	11.4	17.2



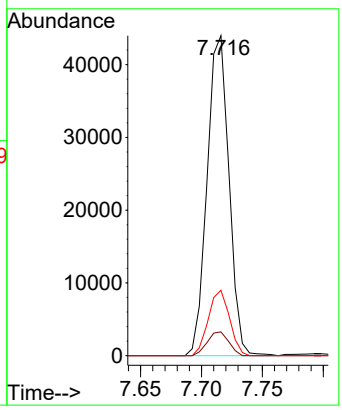


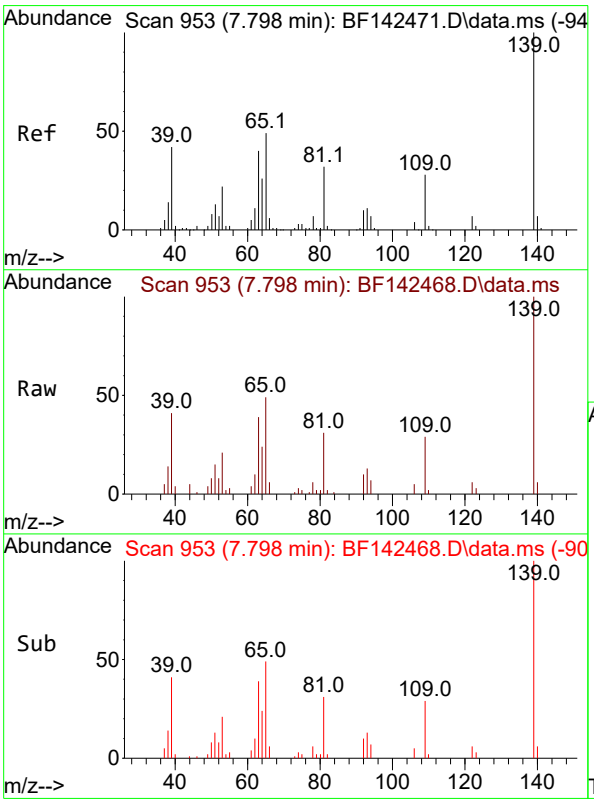
#25
Isophorone
Concen: 5.182 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 54838

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.4	15.5	23.3

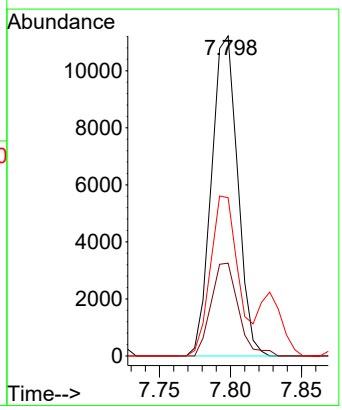


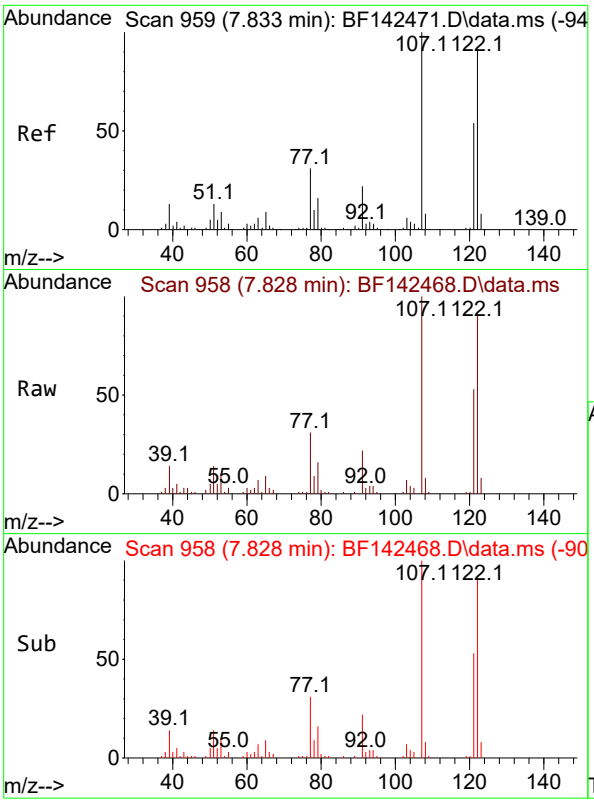


#26
2-Nitrophenol
Concen: 4.716 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:139 Resp: 14387

Ion	Ratio	Lower	Upper
139	100		
109	29.0	22.6	33.8
65	49.4	39.4	59.0



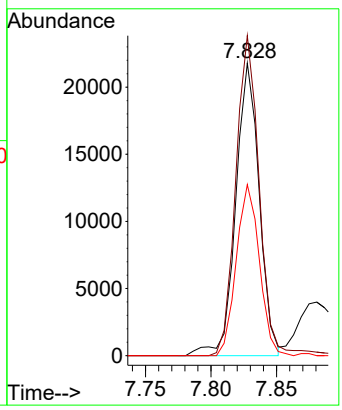


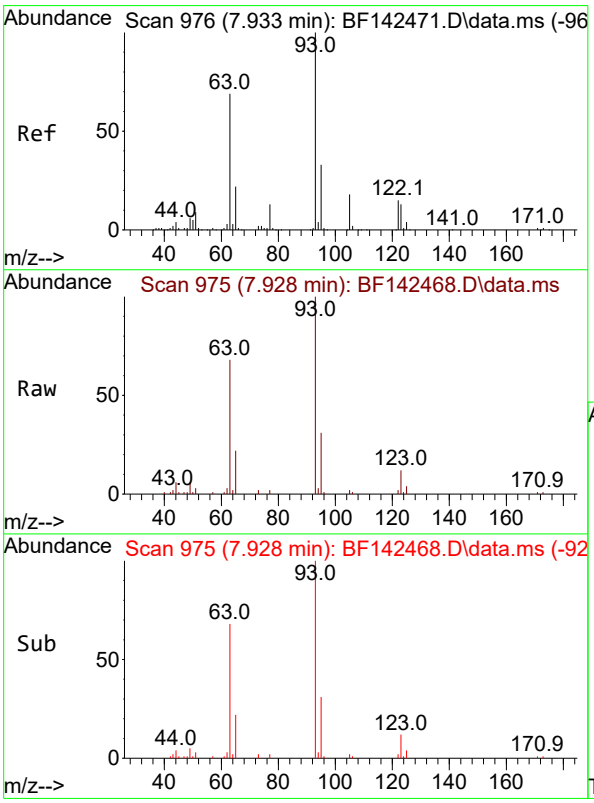
#27
2,4-Dimethylphenol
Concen: 5.051 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 27170

Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.1	132.1
121	58.4	47.3	70.9

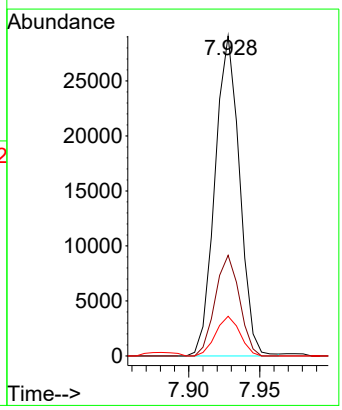


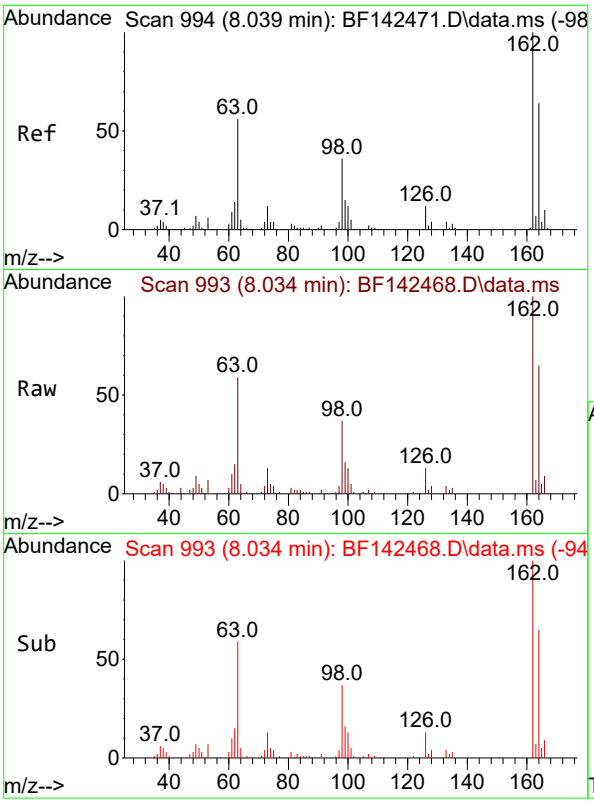


#28
bis(2-Chloroethoxy)methane
Concen: 5.296 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 35010

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.4	39.6
123	12.4	10.6	15.8



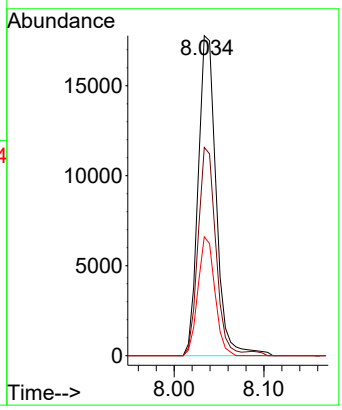


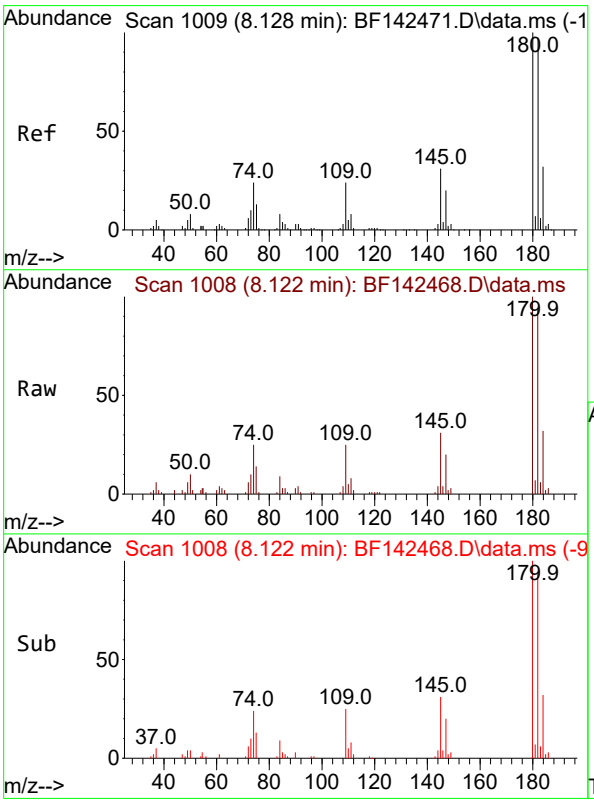
#29
2,4-Dichlorophenol
Concen: 5.072 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 24812

Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.7	83.7
98	37.2	15.5	55.5

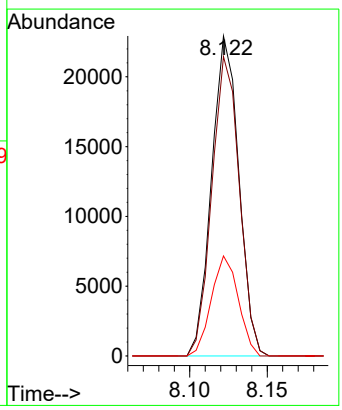


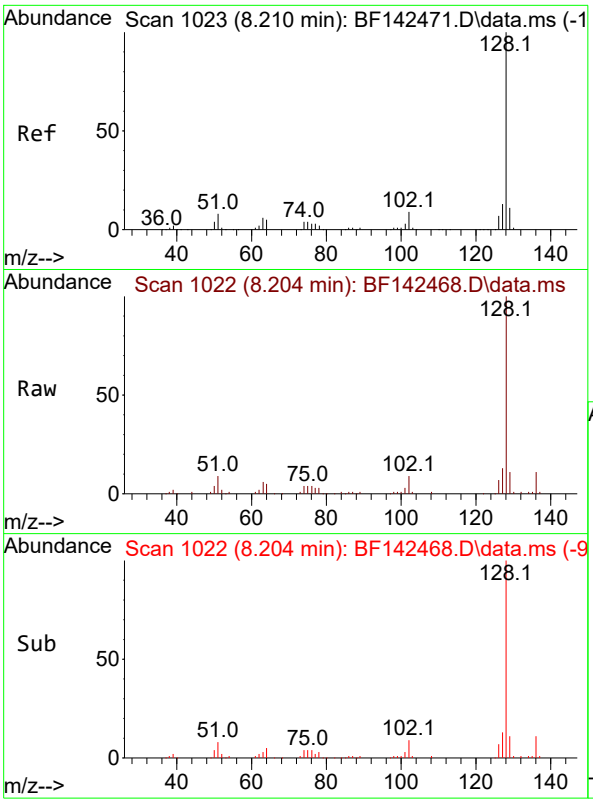


#30
1,2,4-Trichlorobenzene
Concen: 5.281 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:180 Resp: 28037

Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.0	117.0
145	31.3	25.0	37.6



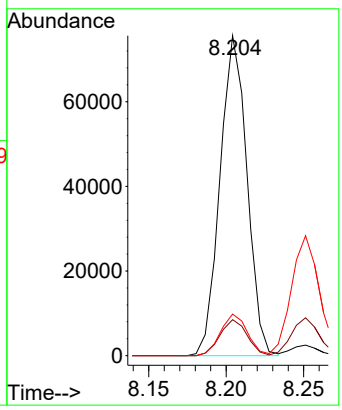


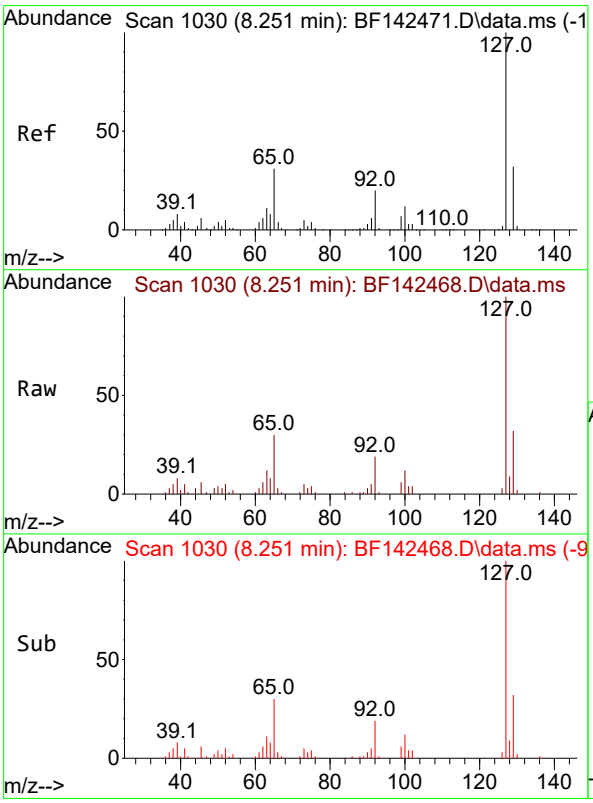
#31
Naphthalene
Concen: 5.388 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 91563

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.0	10.5	15.7

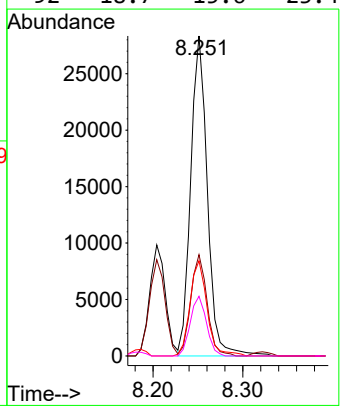


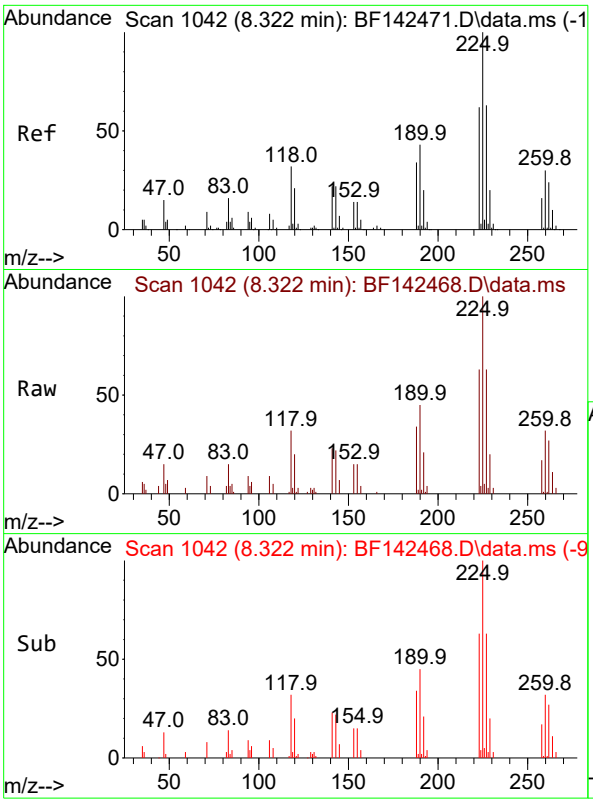


#33
4-Chloroaniline
Concen: 5.314 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:127 Resp: 36597

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	29.7	24.9	37.3
92	18.7	15.6	23.4



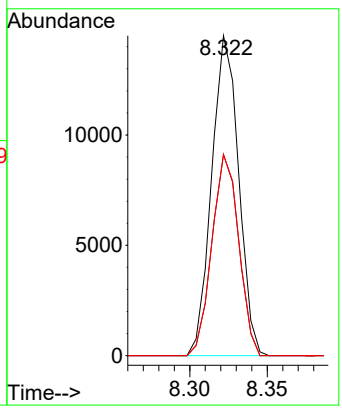


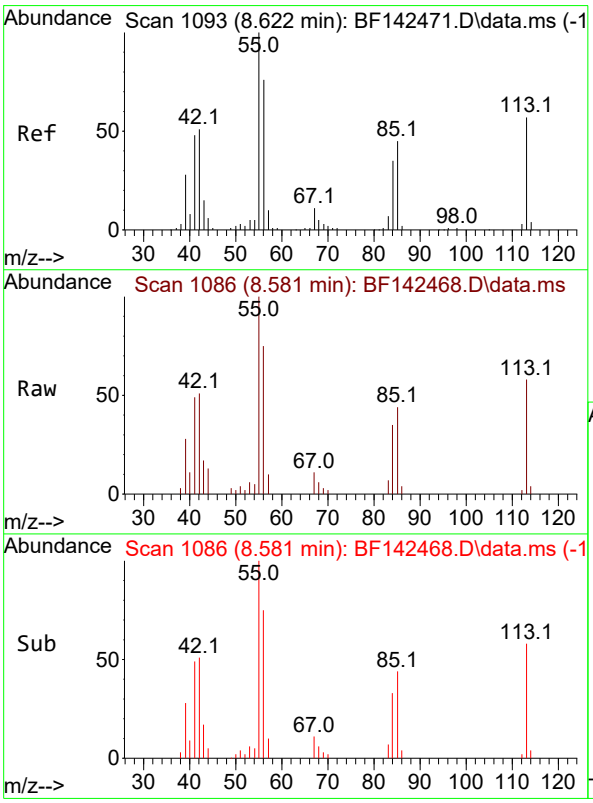
#34
Hexachlorobutadiene
Concen: 5.280 ng
RT: 8.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 17505

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	62.8	50.3	75.5

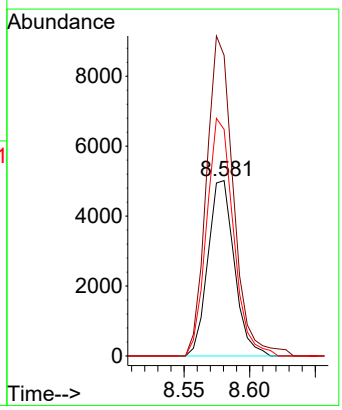


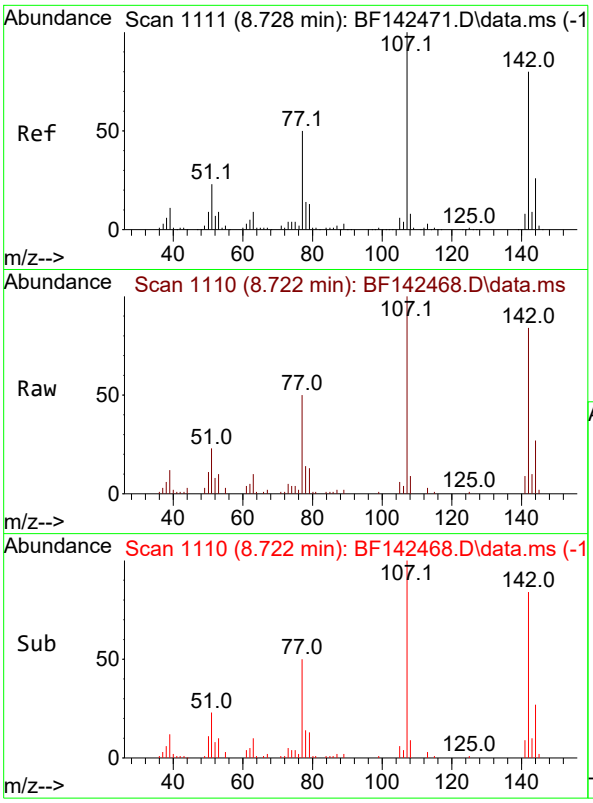


#35
Caprolactam
Concen: 5.109 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.065 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:113 Resp: 7020

Ion	Ratio	Lower	Upper
113	100		
55	171.4	154.7	194.7
56	129.2	113.2	153.2



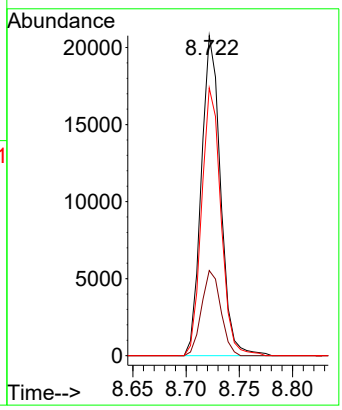


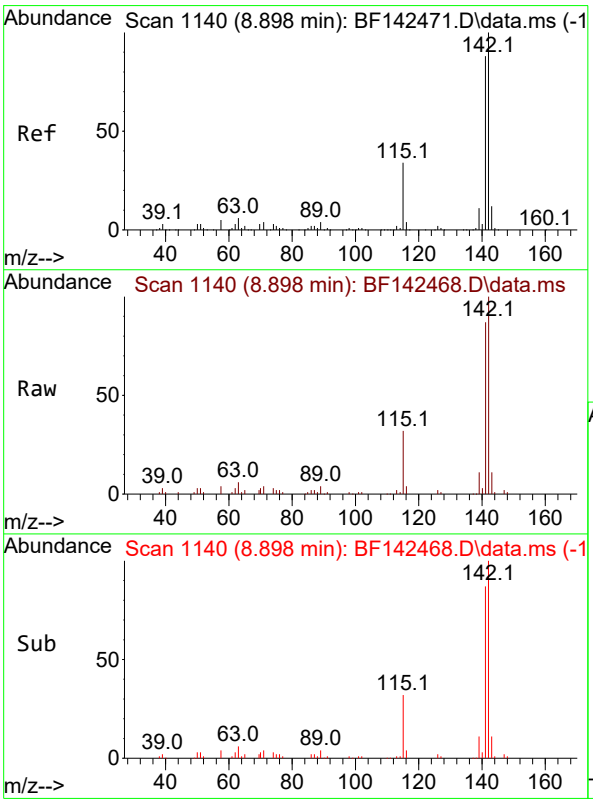
#36
4-Chloro-3-methylphenol
Concen: 5.225 ng
RT: 8.722 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 26197

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.9	31.3
142	83.7	64.2	96.2

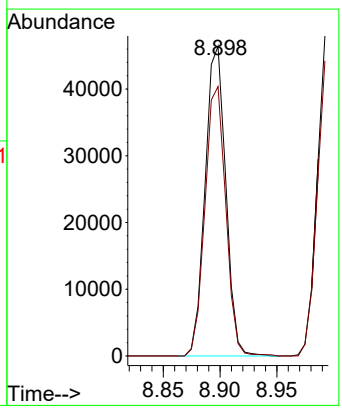


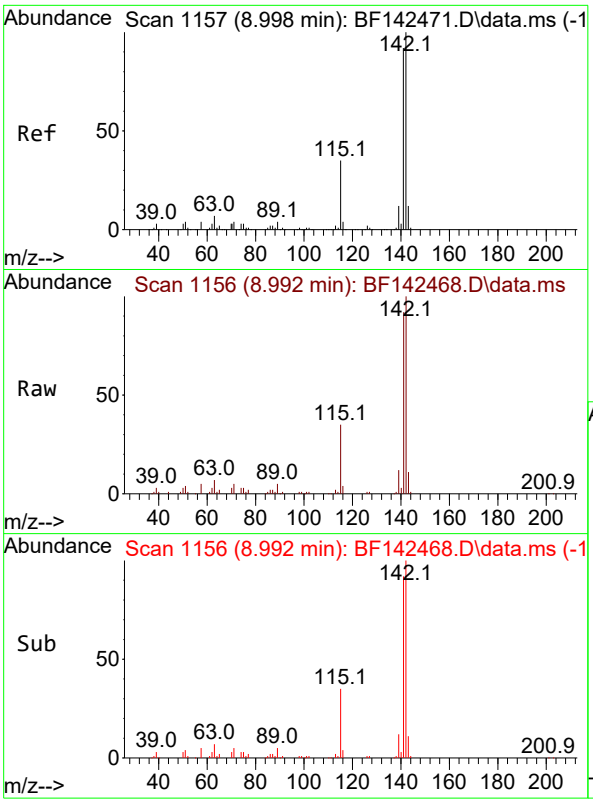


#37
2-Methylnaphthalene
Concen: 5.478 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:142 Resp: 58574

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1



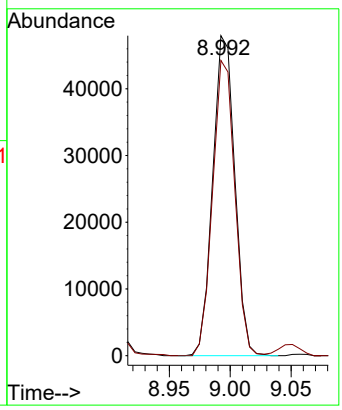


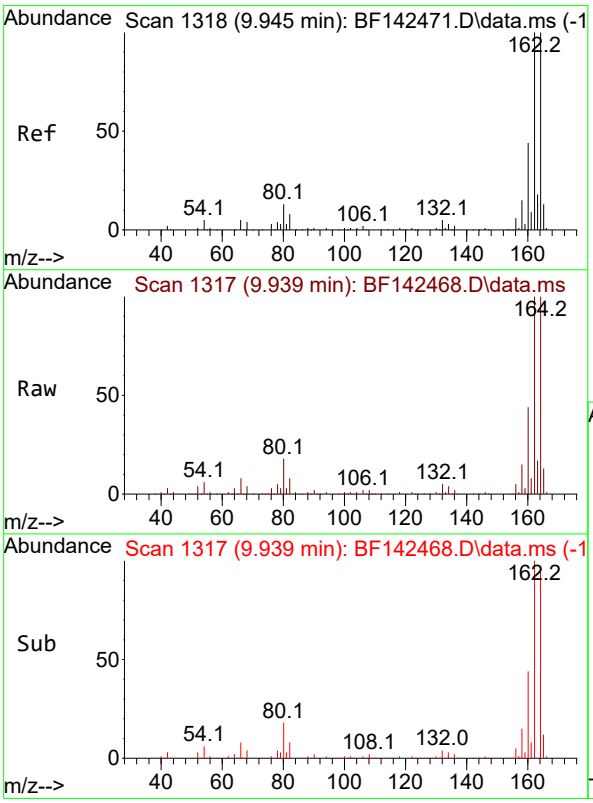
#38
1-Methylnaphthalene
Concen: 5.486 ng
RT: 8.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 60674

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2

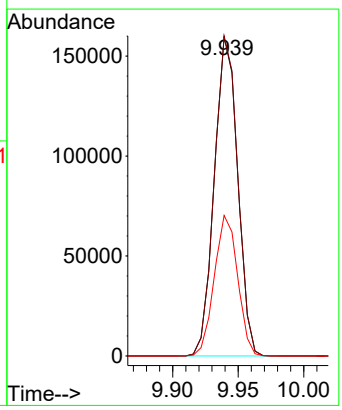


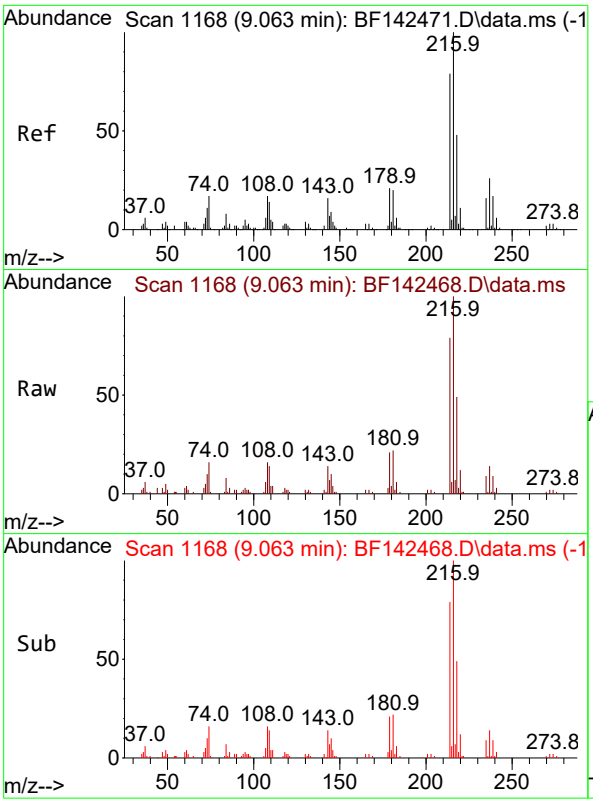


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:164 Resp: 197100

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	44.1	35.6	53.4



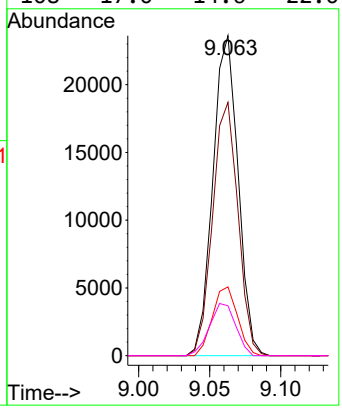


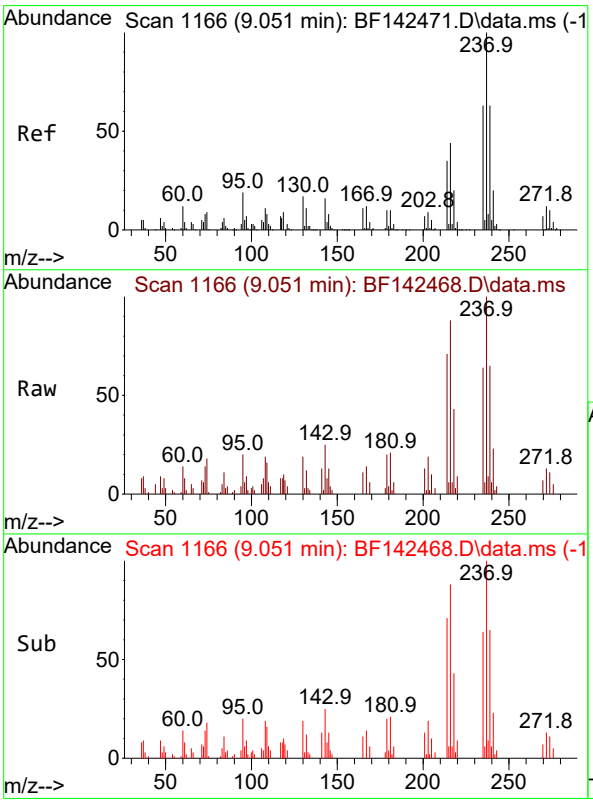
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.152 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 29150

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	21.5	16.9	25.3
108	17.0	14.6	22.0

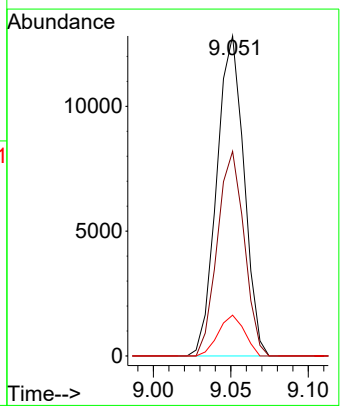


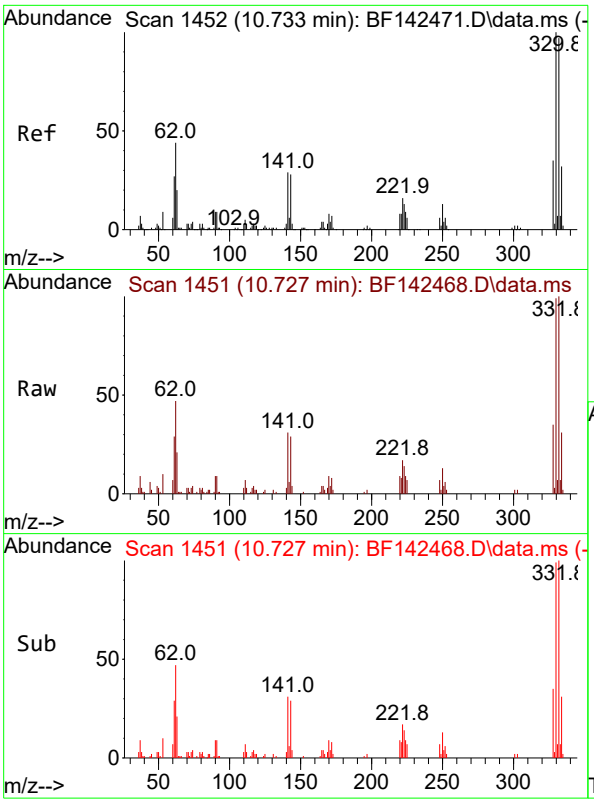


#41
Hexachlorocyclopentadiene
Concen: 4.105 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:237 Resp: 15667

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.3	83.3
272	12.7	0.0	32.4



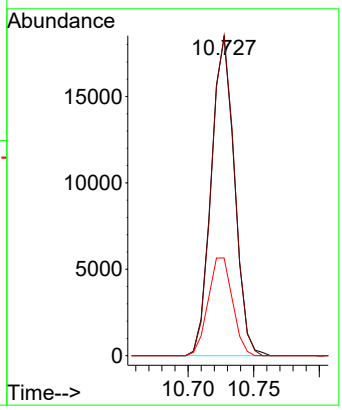


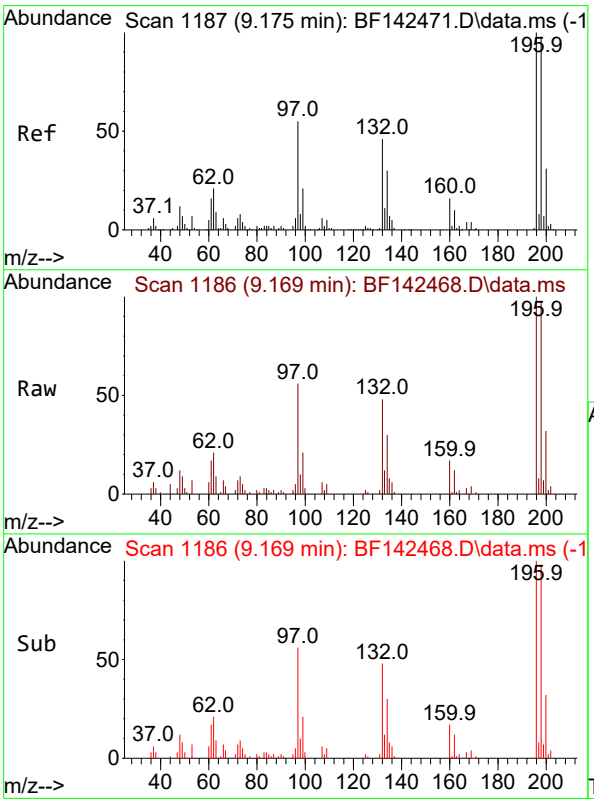
#42
2,4,6-Tribromophenol
Concen: 10.378 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 22702

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.6	116.4
141	32.2	24.6	36.8

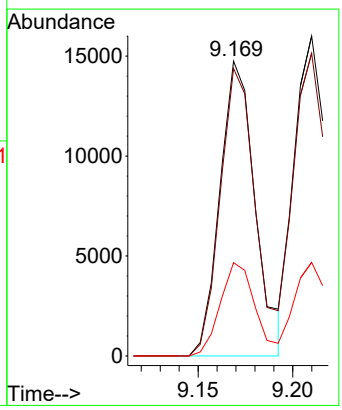


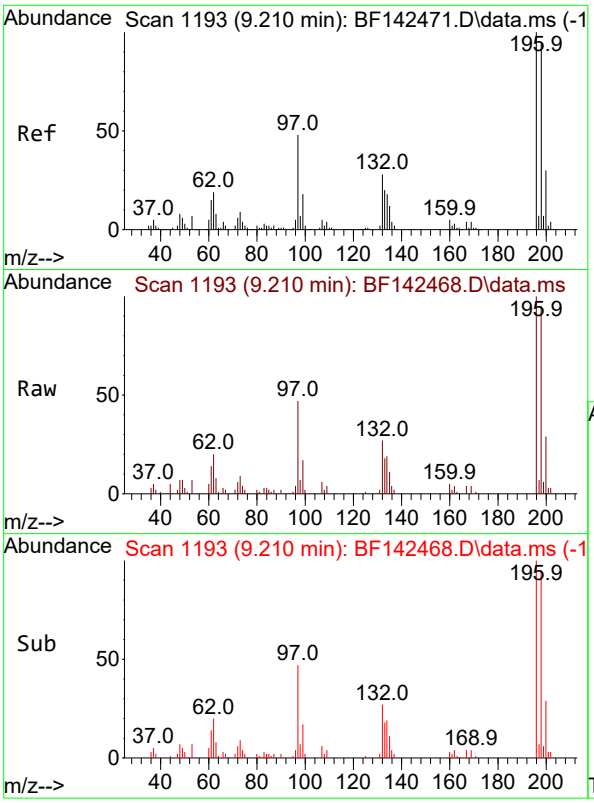


#43
2,4,6-Trichlorophenol
Concen: 5.001 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:196 Resp: 19079

Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.8	118.2
200	31.6	24.9	37.3



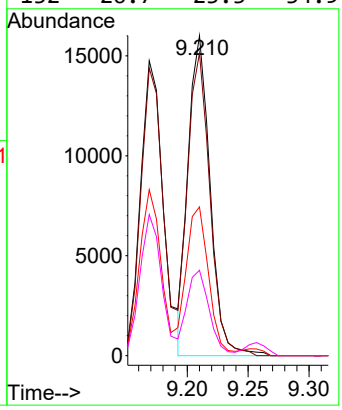


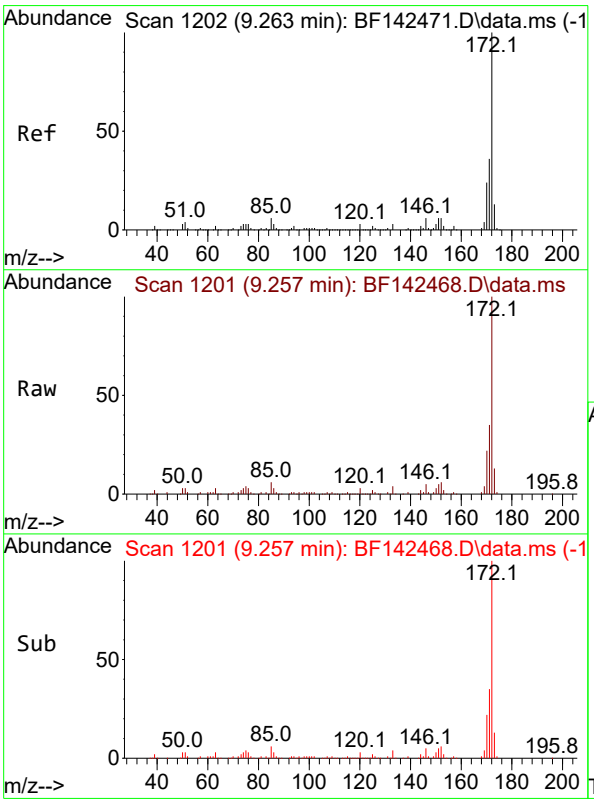
#44
2,4,5-Trichlorophenol
Concen: 5.020 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 20200

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.5	113.3
97	46.5	39.3	58.9
132	26.7	23.3	34.9

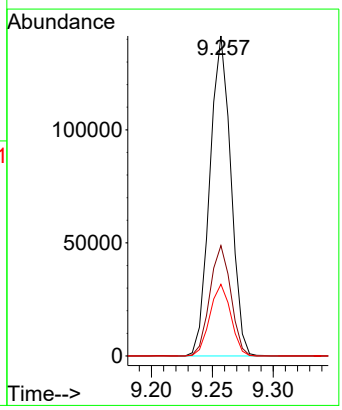


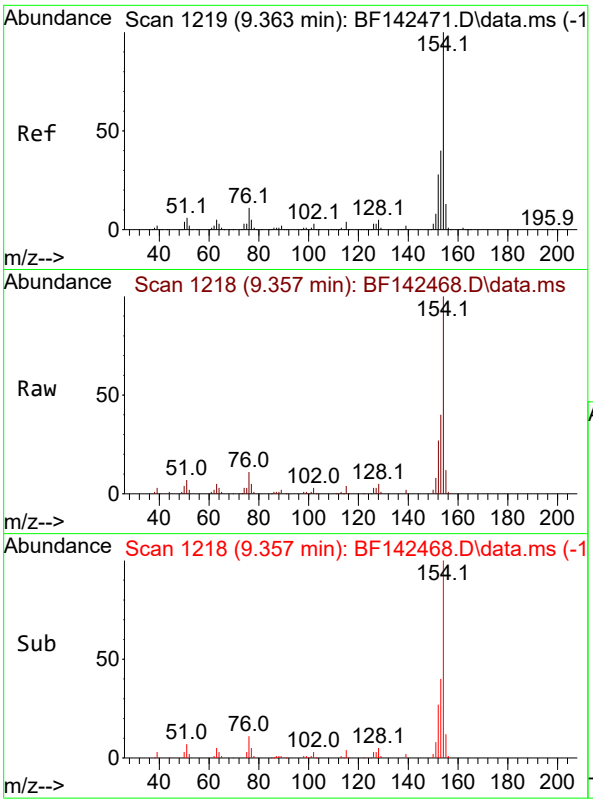


#45
2-Fluorobiphenyl
Concen: 11.583 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:172 Resp: 170142

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.4	18.9	28.3



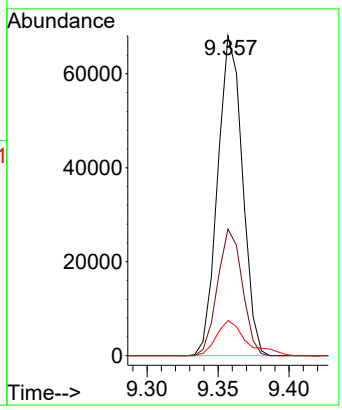


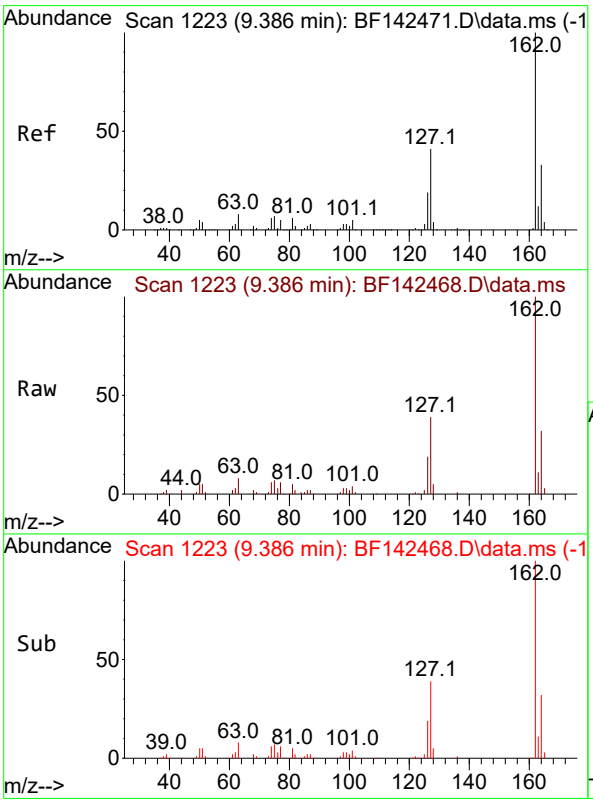
#46
1,1'-Biphenyl
Concen: 5.387 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 82376

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.4	60.4
76	11.0	0.0	30.8

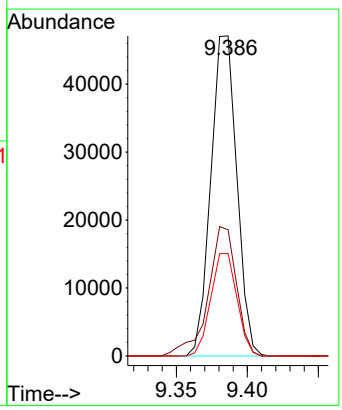


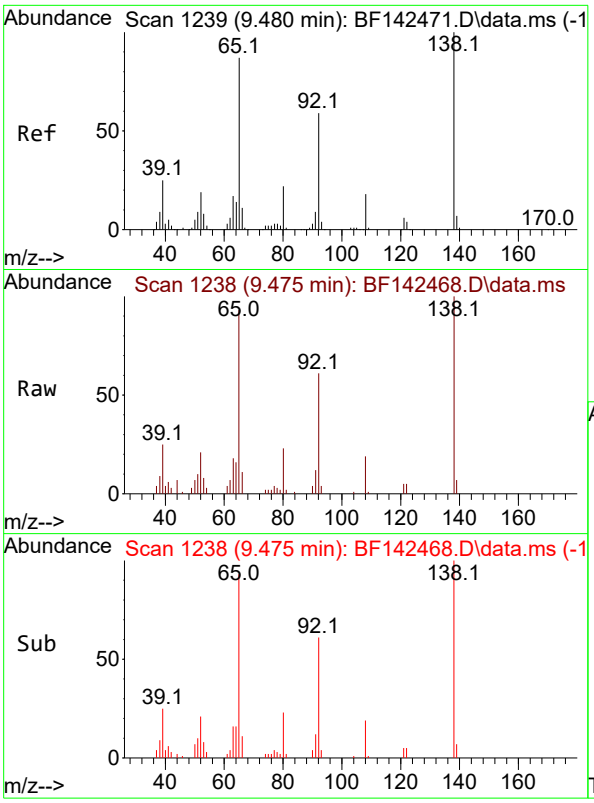


#47
2-Chloronaphthalene
Concen: 5.311 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:162 Resp: 60002

Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.5	50.3
164	32.0	26.1	39.1



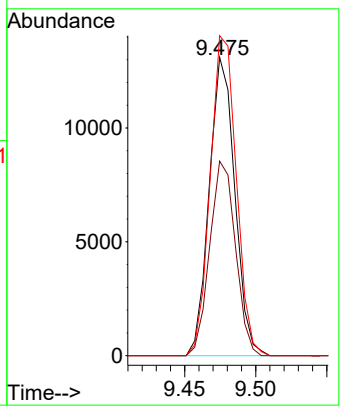


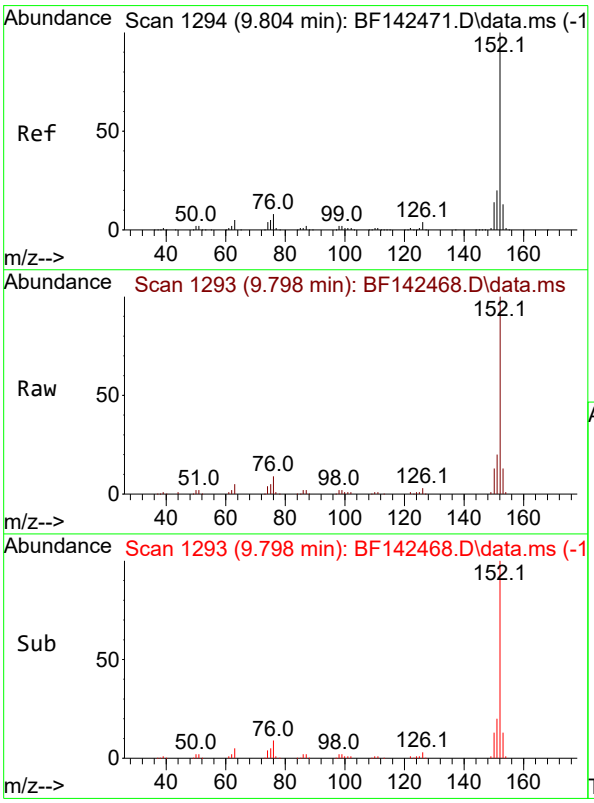
#48
2-Nitroaniline
Concen: 5.022 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 16399

Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.4	81.6
138	107.2	91.4	137.2

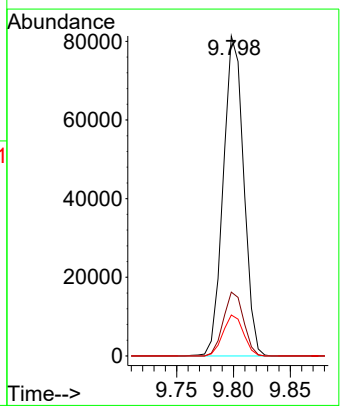


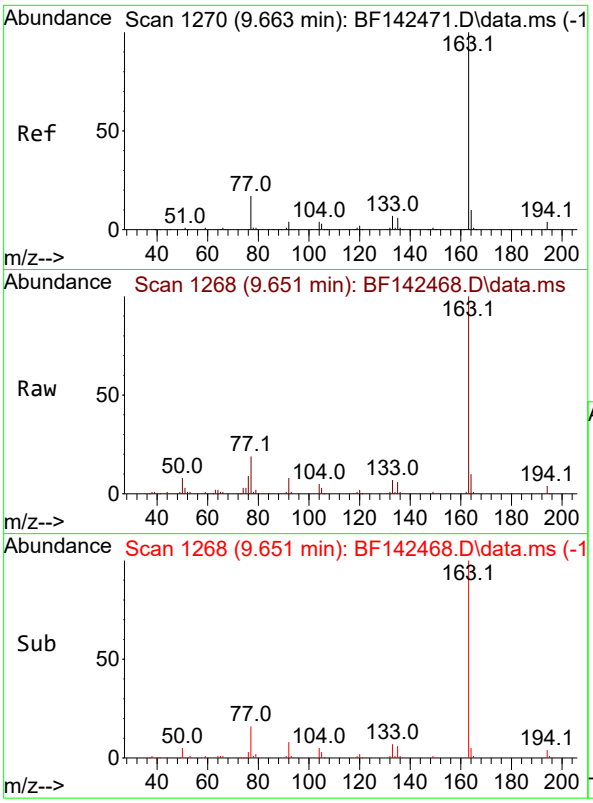


#49
Acenaphthylene
Concen: 5.330 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:152 Resp: 101686

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.8	10.6	15.8



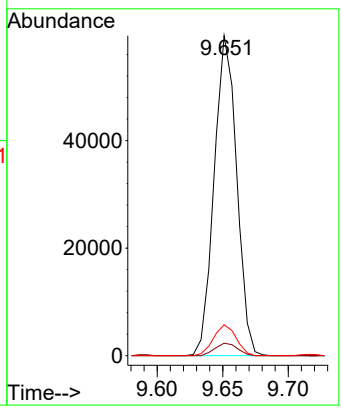


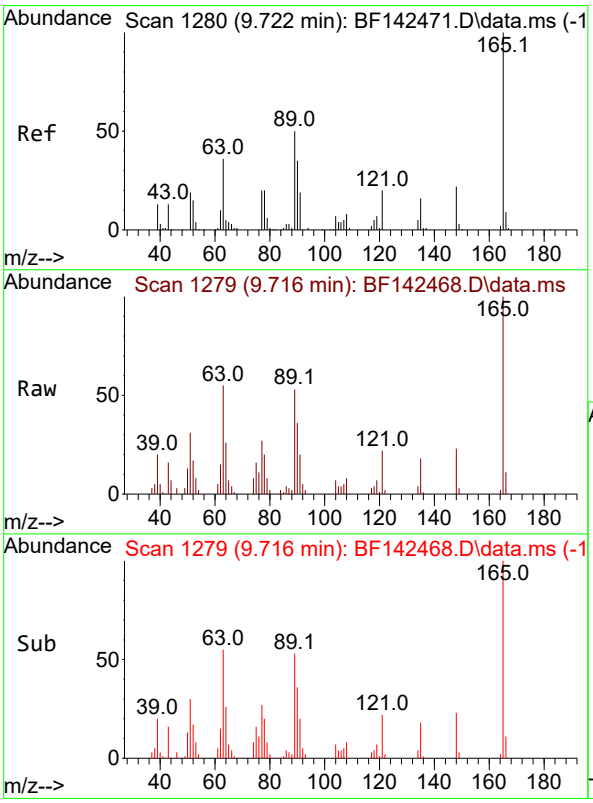
#50
Dimethylphthalate
Concen: 5.461 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 71020

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.7	8.2	12.4

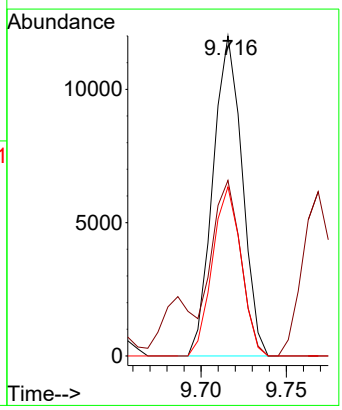


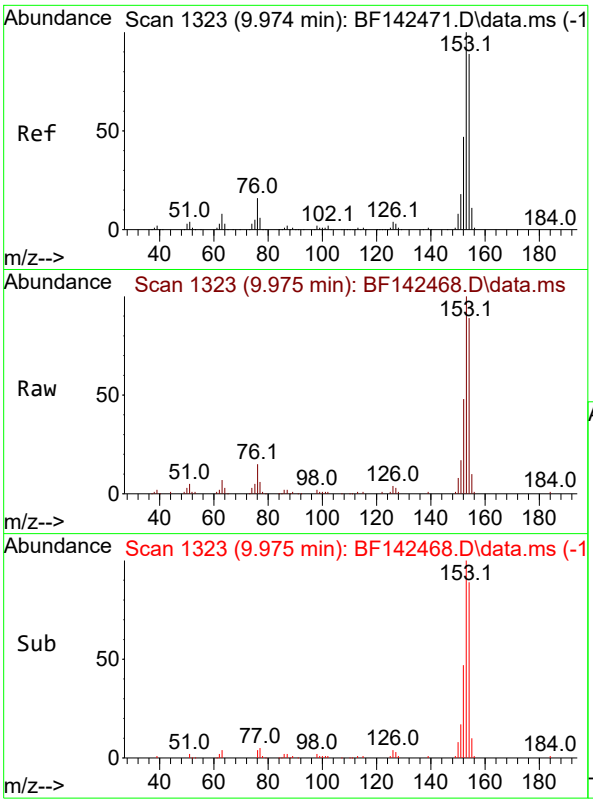


#51
2,6-Dinitrotoluene
Concen: 5.093 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:165 Resp: 14295

Ion	Ratio	Lower	Upper
165	100		
63	54.8	42.9	64.3
89	52.9	40.2	60.4



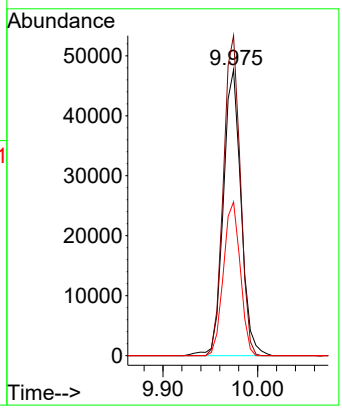


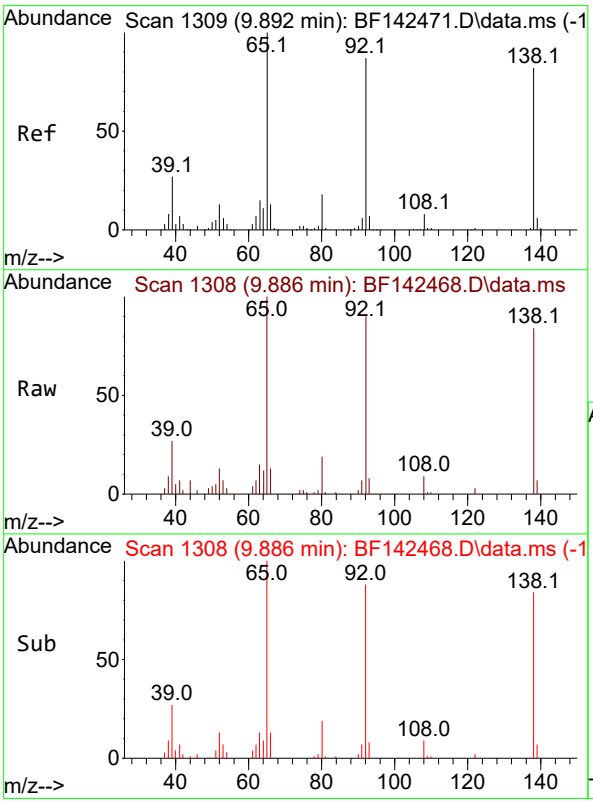
#52
Acenaphthene
Concen: 5.325 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 62026

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.0	135.0
152	53.8	42.6	64.0

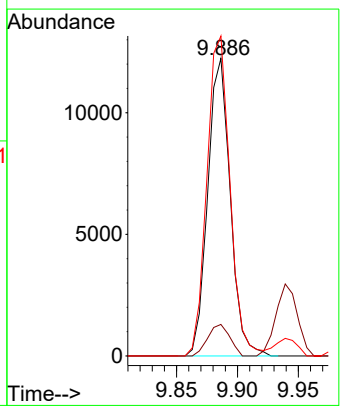


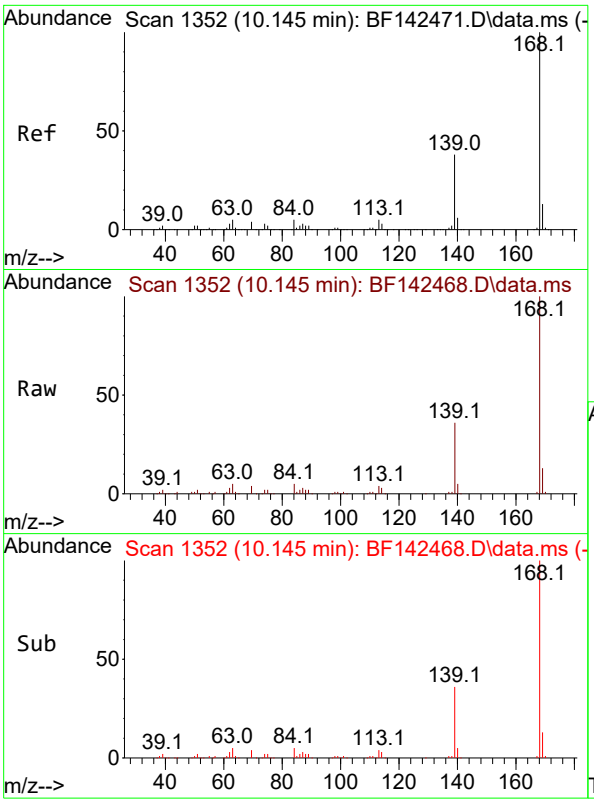


#53
3-Nitroaniline
Concen: 5.137 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 15749

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.1	12.1
92	107.5	85.2	127.8



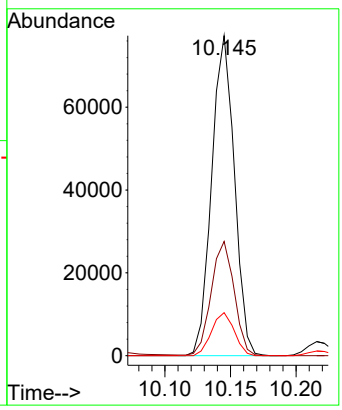


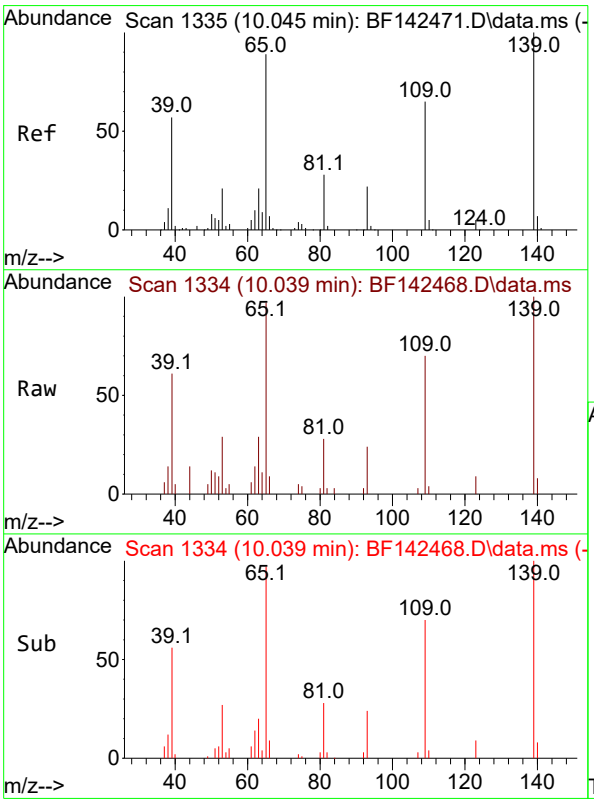
#55
Dibenzofuran
Concen: 5.545 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 92955

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.2	45.2
169	13.5	10.7	16.1

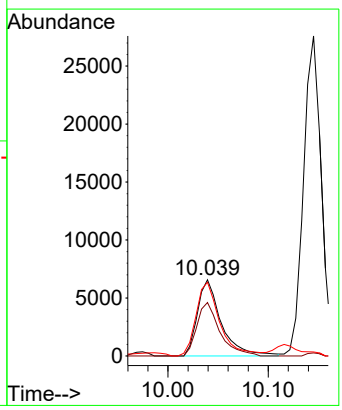


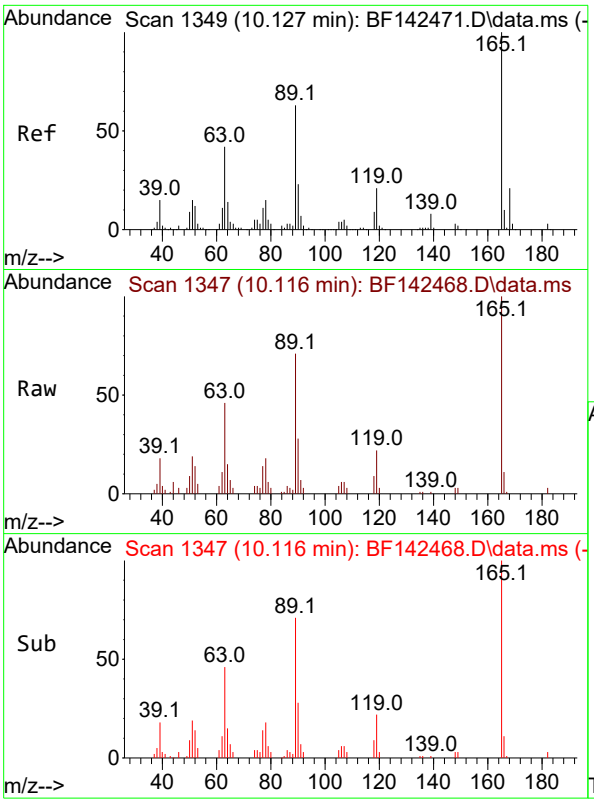


#56
4-Nitrophenol
Concen: 4.808 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:139 Resp: 10876

Ion	Ratio	Lower	Upper
139	100		
109	70.0	45.1	85.1
65	96.7	69.7	109.7



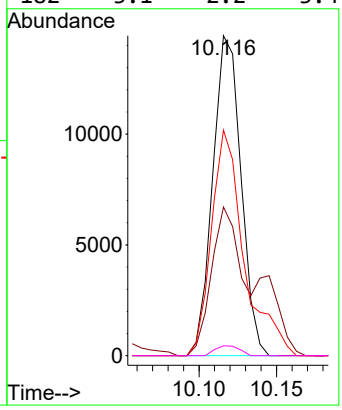


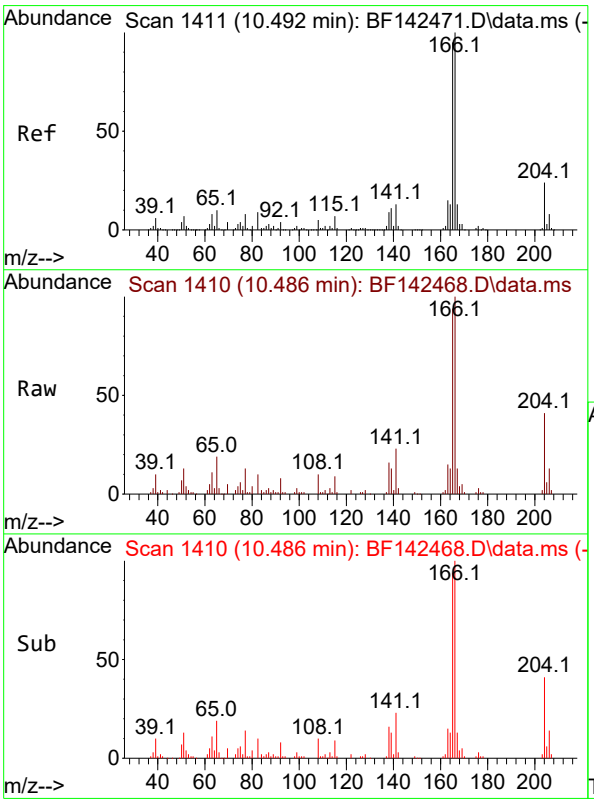
#57
2,4-Dinitrotoluene
Concen: 4.998 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 18322

Ion	Ratio	Lower	Upper
165	100		
63	46.5	33.6	50.4
89	70.5	50.2	75.4
182	3.1	2.2	3.4

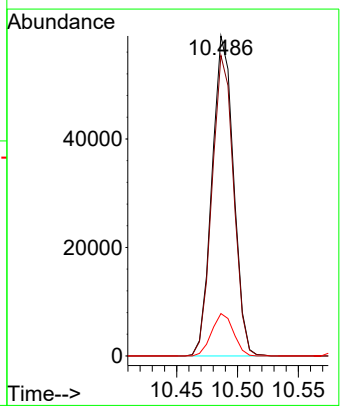


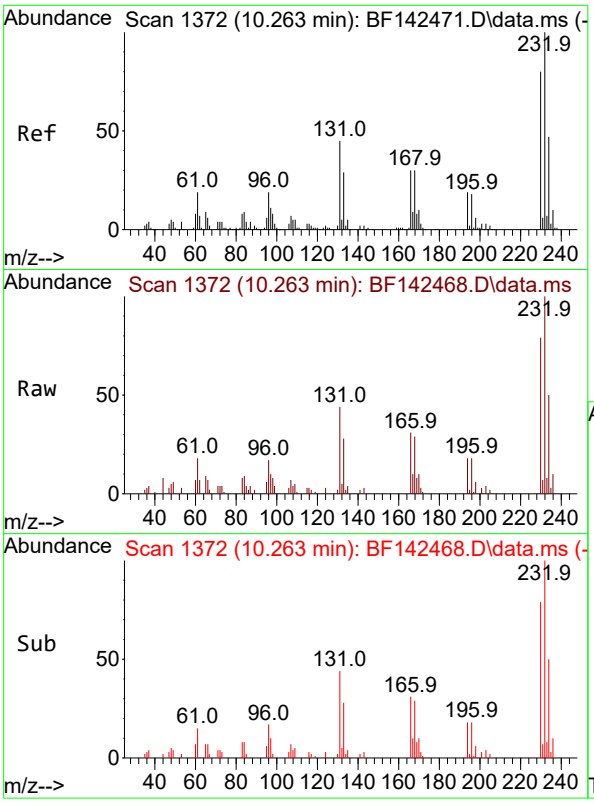


#58
Fluorene
Concen: 5.620 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:166 Resp: 72775

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.8	113.8
167	13.2	10.6	16.0



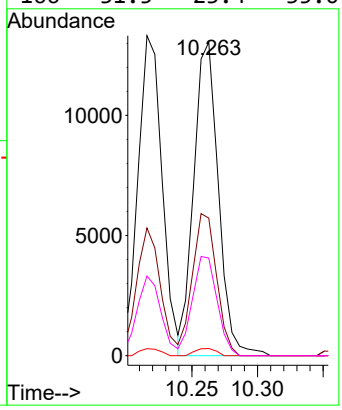


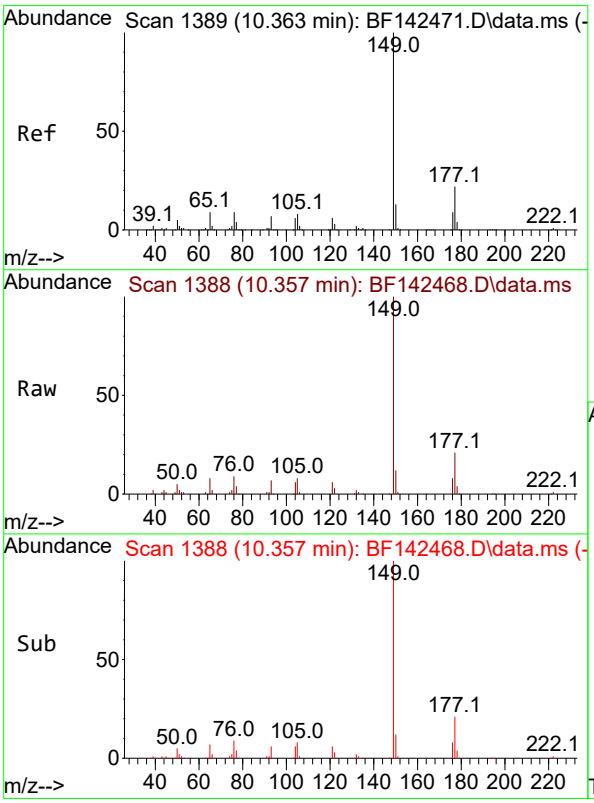
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 17096

Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.2	52.8
130	1.9	1.7	2.5
166	31.5	23.4	35.0

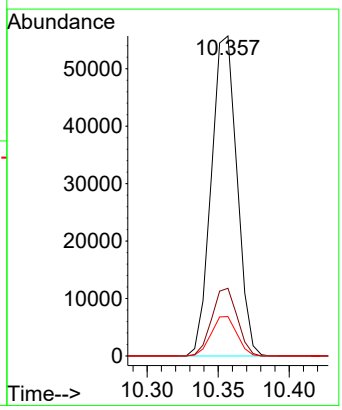


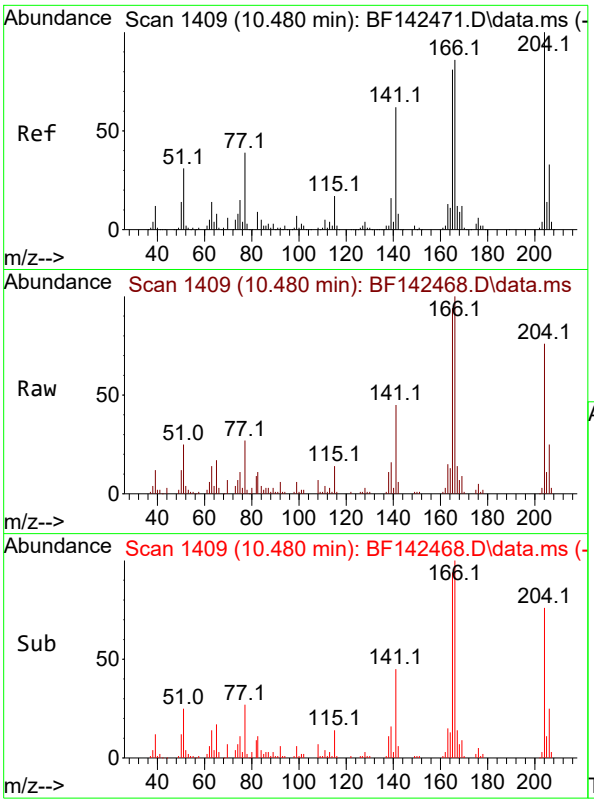


#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 70046

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.6	26.4
150	12.3	10.1	15.1



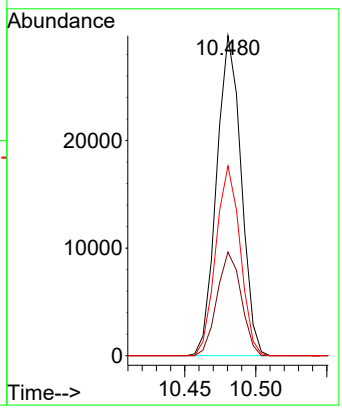


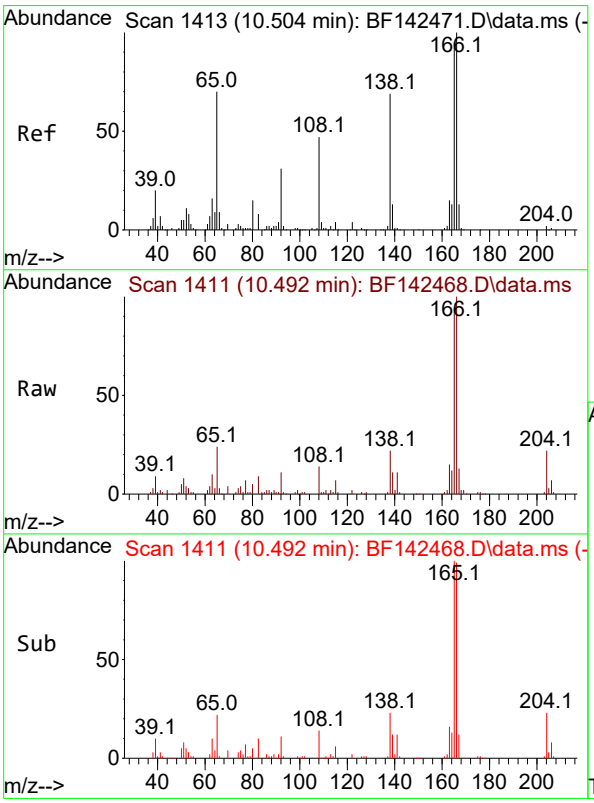
#61
4-Chlorophenyl-phenylether
Concen: 5.611 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 35694

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	59.3	49.5	74.3

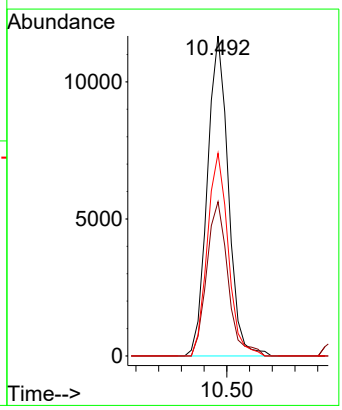


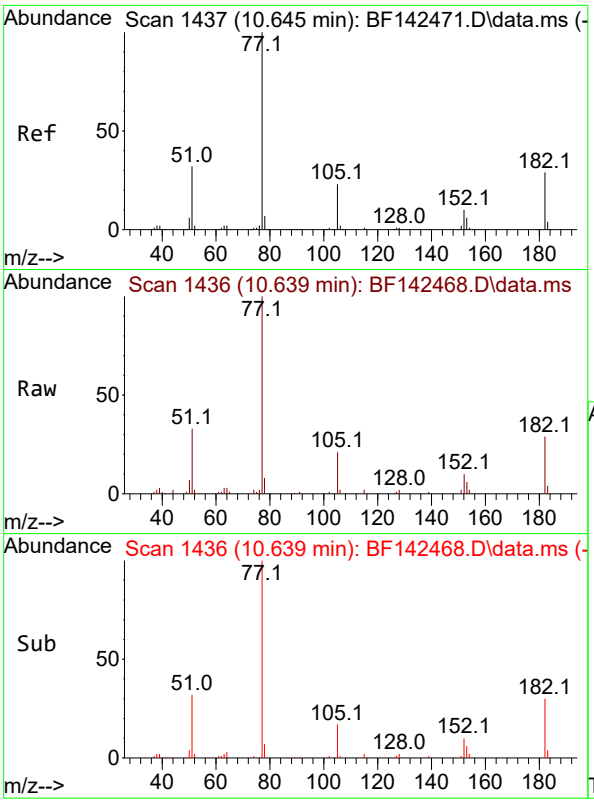


#62
4-Nitroaniline
Concen: 5.366 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 14920

Ion	Ratio	Lower	Upper
138	100		
92	48.2	26.0	66.0
108	63.4	48.4	88.4



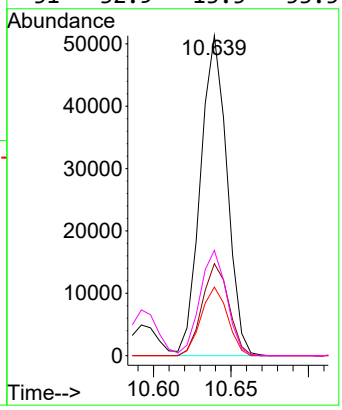


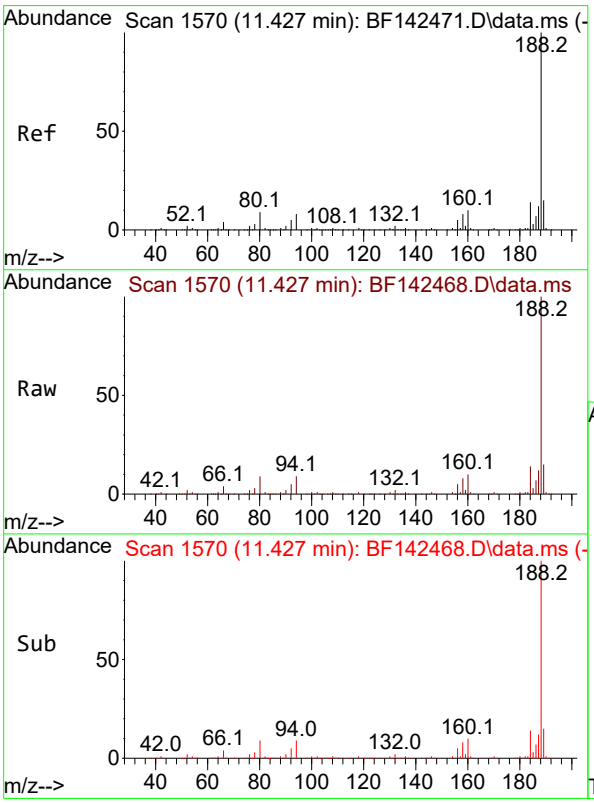
#63
Azobenzene
Concen: 5.351 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 61041

Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.0	49.0
105	21.4	2.4	42.4
51	32.9	13.5	53.5

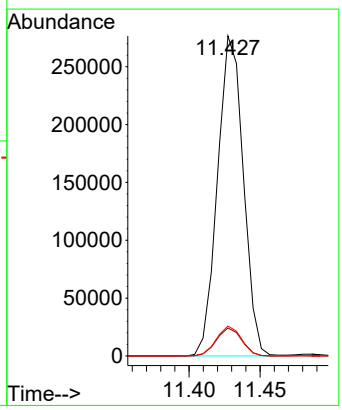


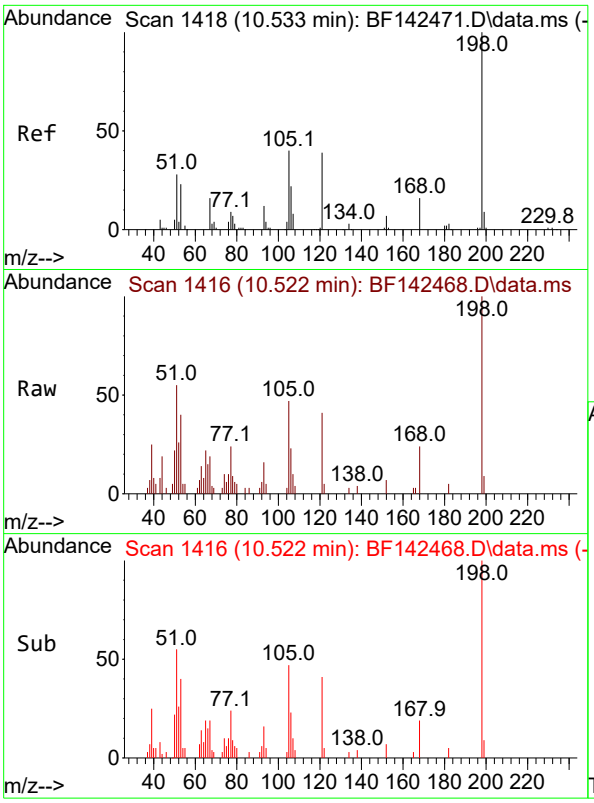


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:188 Resp: 349474

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	7.4	11.0



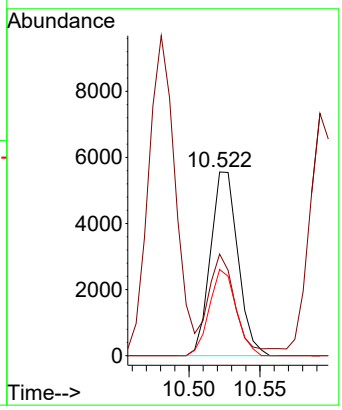


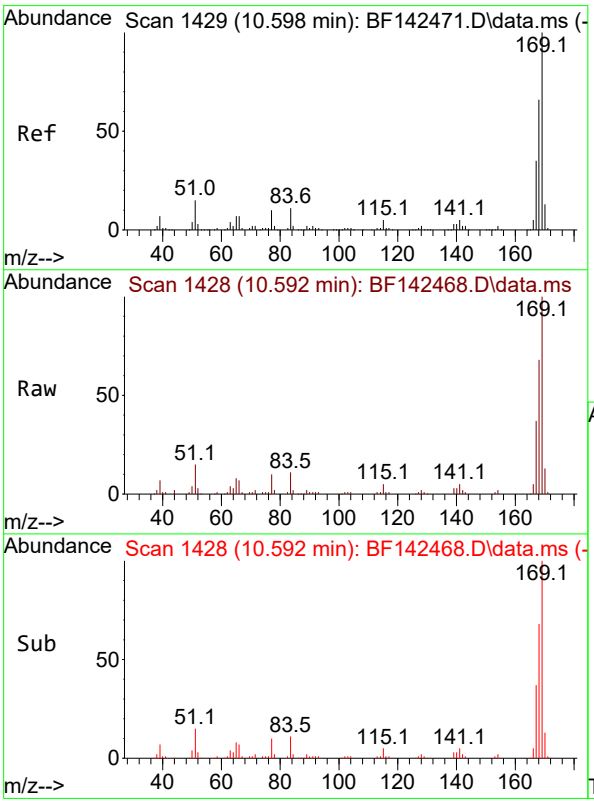
#65
4,6-Dinitro-2-methylphenol
Concen: 3.833 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 7475

Ion	Ratio	Lower	Upper
198	100		
51	55.3	28.3	68.3
105	46.9	21.3	61.3

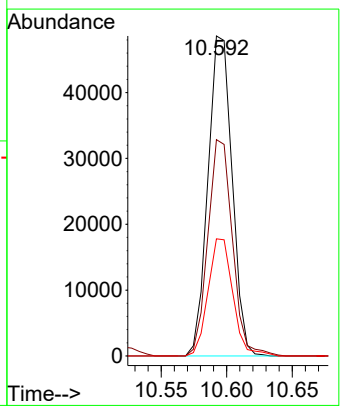


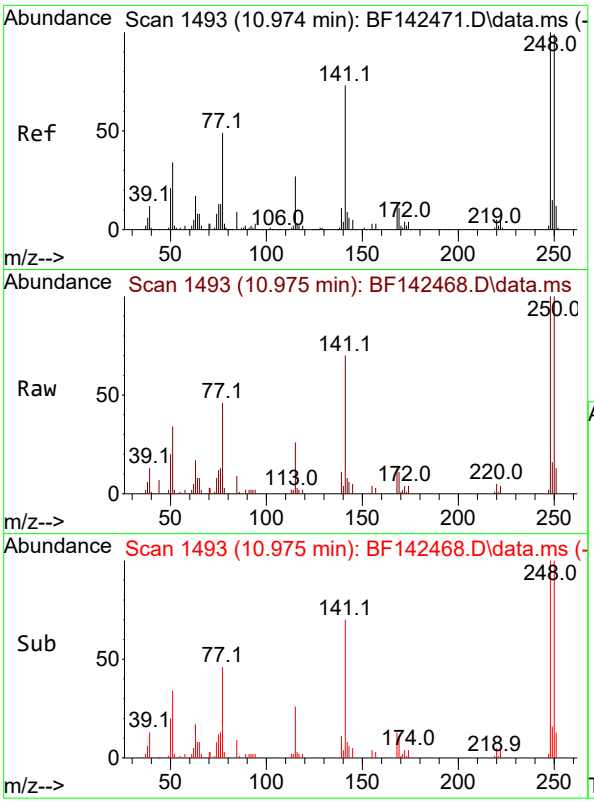


#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:169 Resp: 62215

Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.7	79.1
167	36.6	28.3	42.5



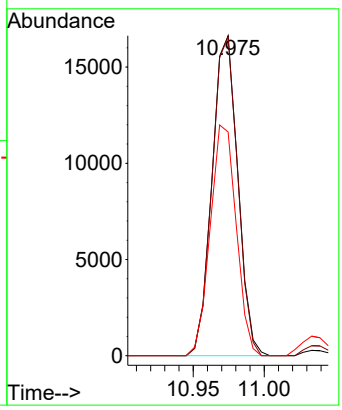


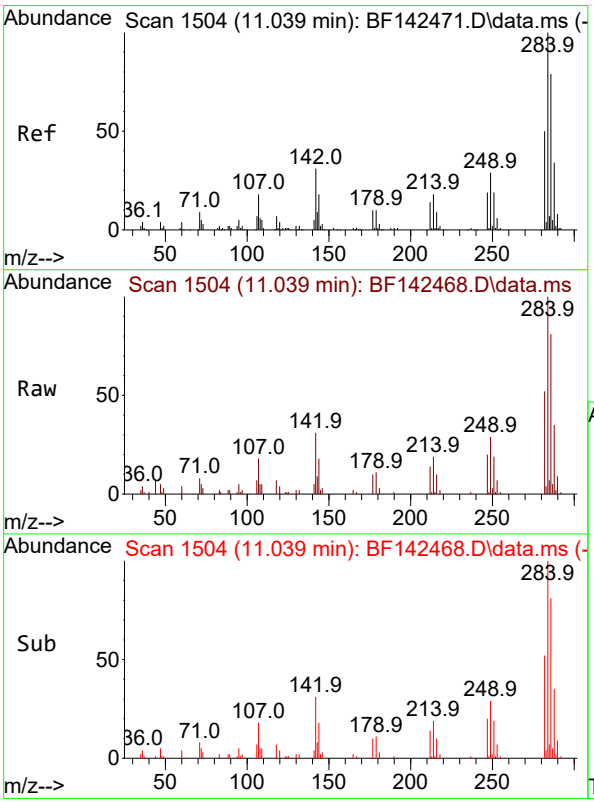
#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 20974

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.0	118.4
141	69.9	58.4	87.6

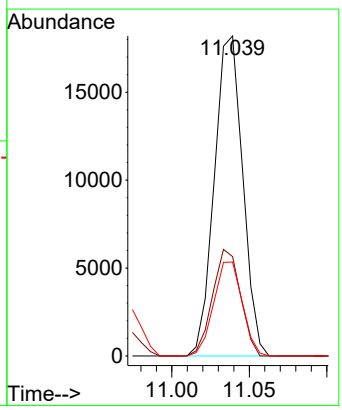


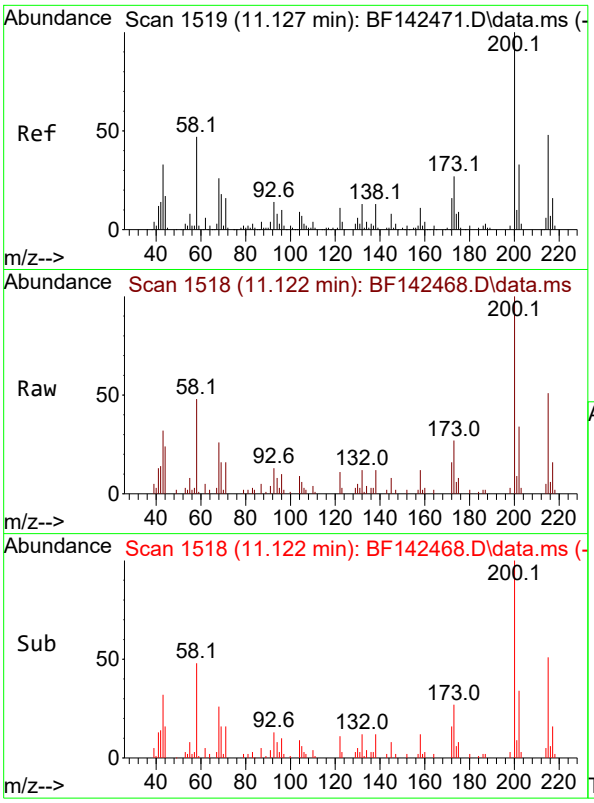


#68
Hexachlorobenzene
Concen: 5.067 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:284 Resp: 23159

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.4	23.6	35.4



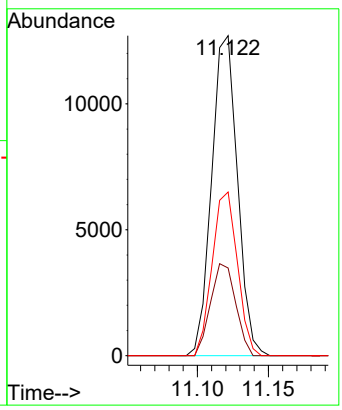


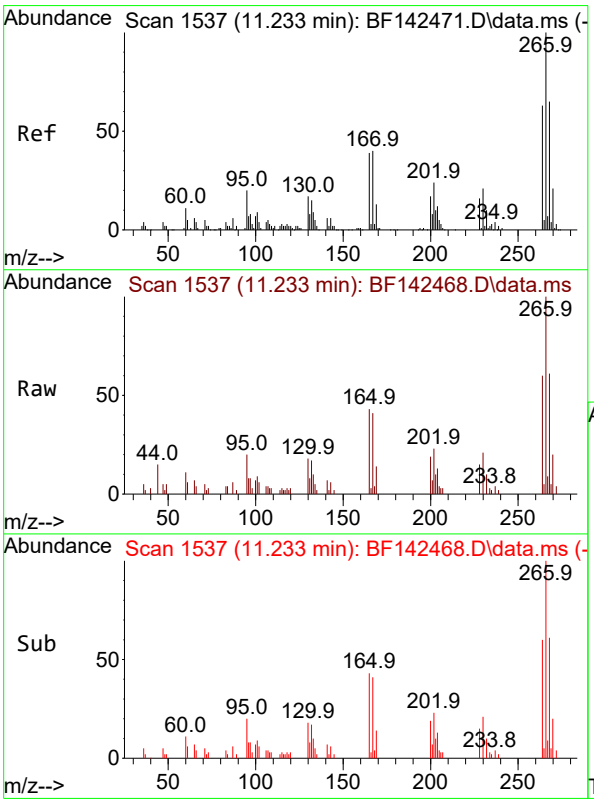
#69
Atrazine
Concen: 5.053 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 16045

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	51.1	28.5	68.5

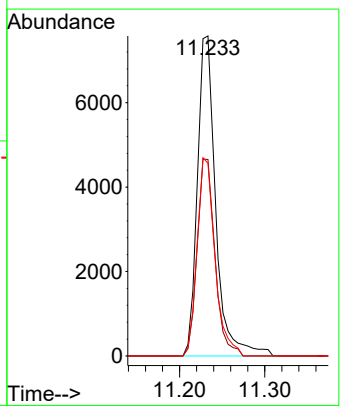


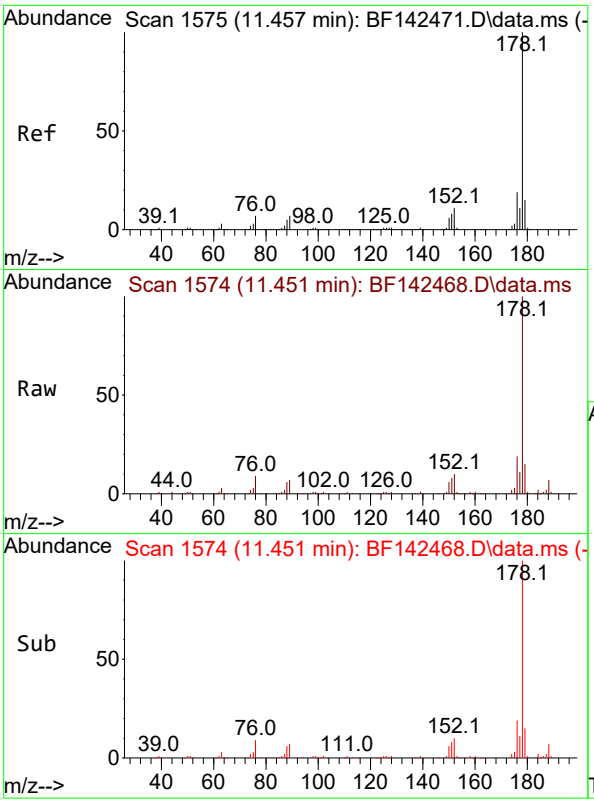


#70
Pentachlorophenol
Concen: 4.401 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:266 Resp: 11357

Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.7	77.5
264	60.2	50.4	75.6



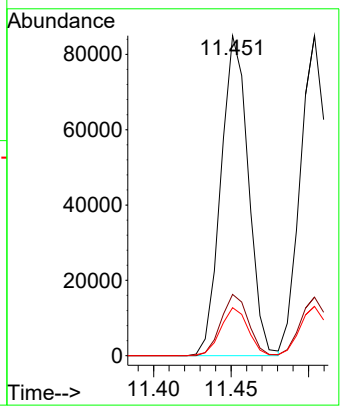


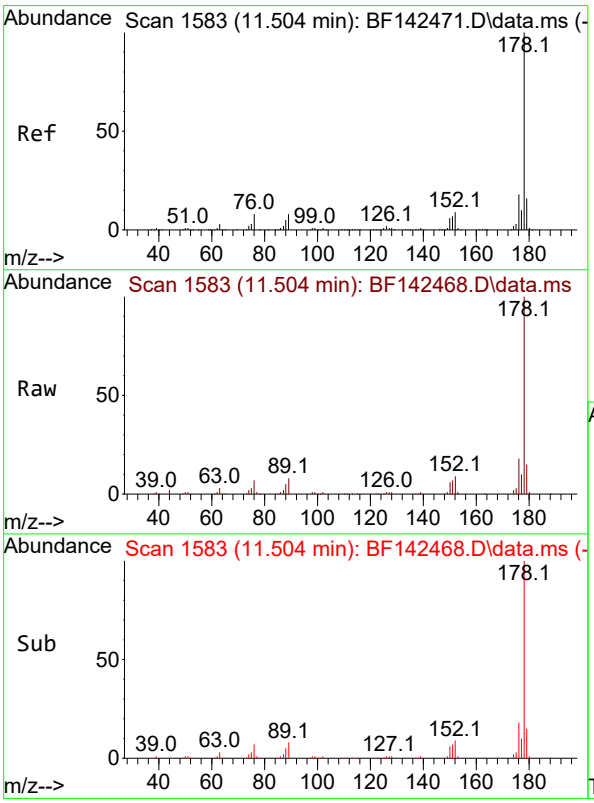
#71
Phenanthrene
Concen: 5.594 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 104484

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.0	12.3	18.5

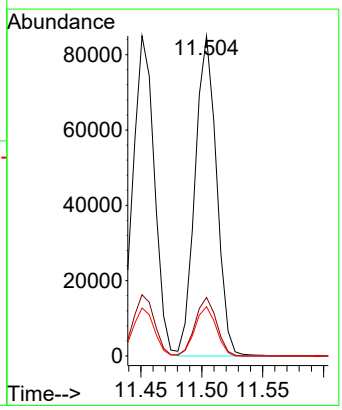


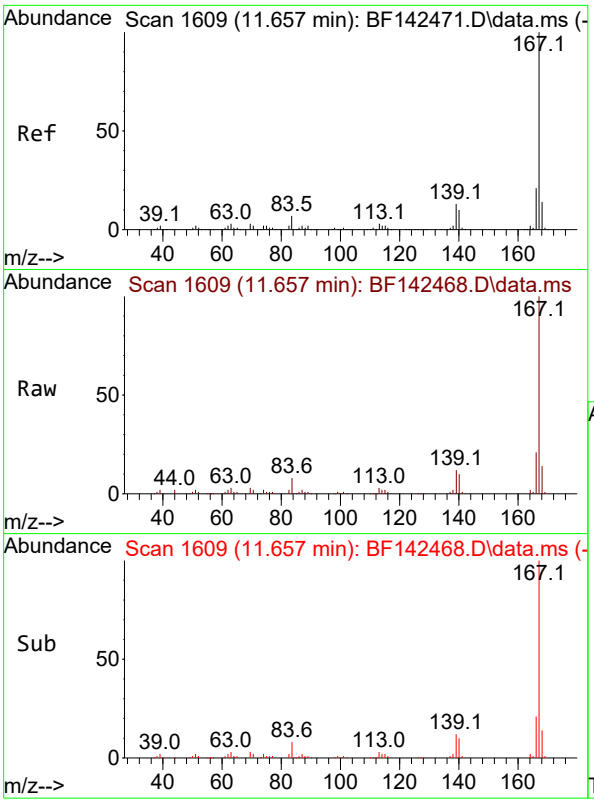


#72
Anthracene
Concen: 5.457 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:178 Resp: 104017

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.4	18.6



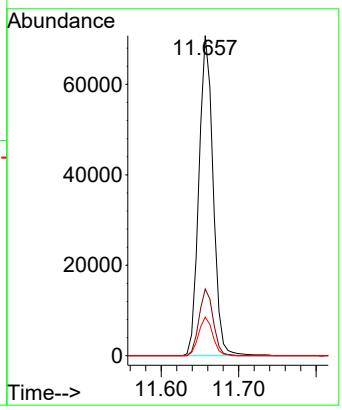


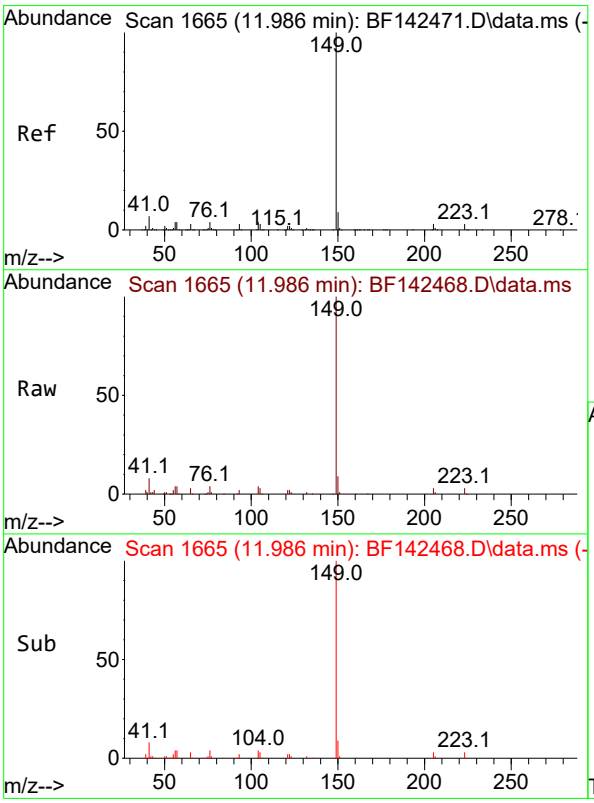
#73
Carbazole
Concen: 5.521 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 89967

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.9	25.3
139	12.1	10.2	15.4

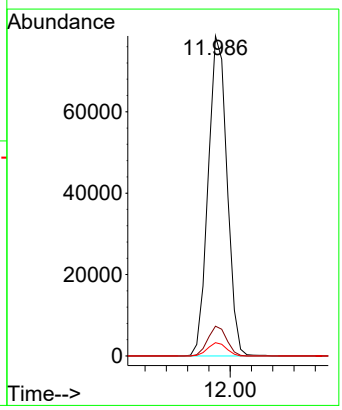


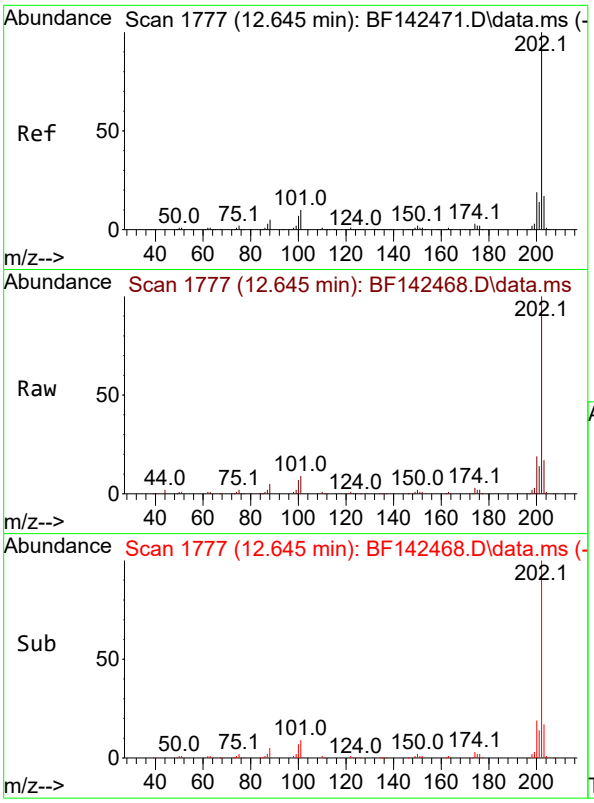


#74
Di-n-butylphthalate
Concen: 5.426 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 96777

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.1	3.6	5.4



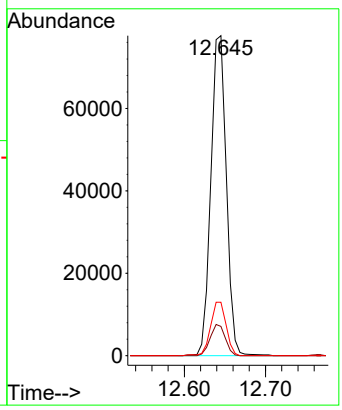


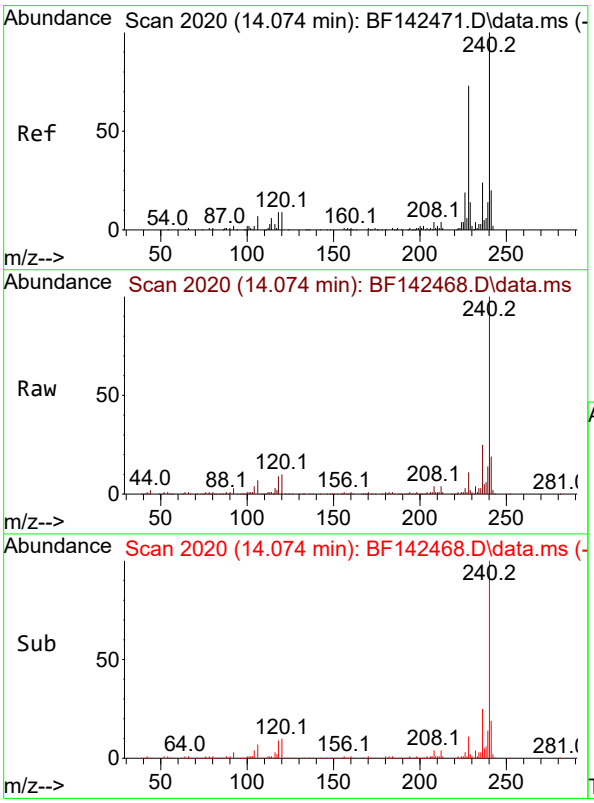
#75
Fluoranthene
Concen: 5.890 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 102797

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.6
203	16.7	0.0	37.2

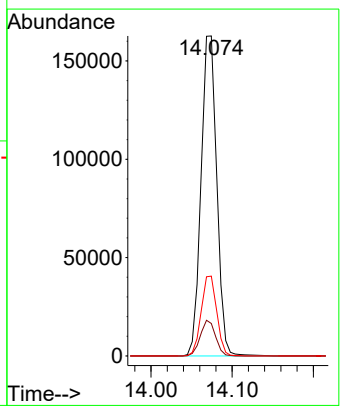


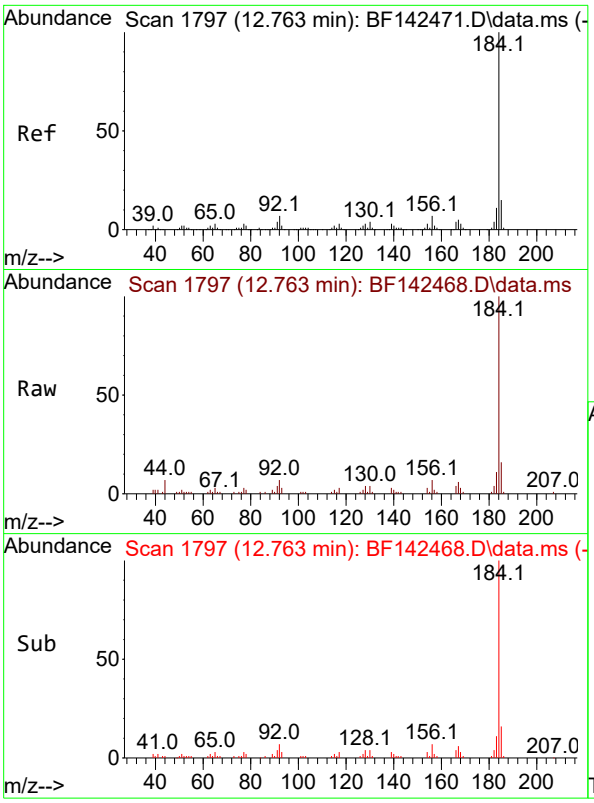


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:240 Resp: 218524

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	25.0	19.6	29.4



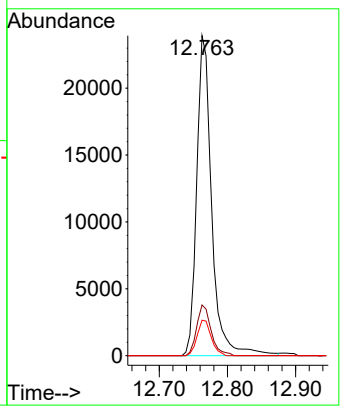


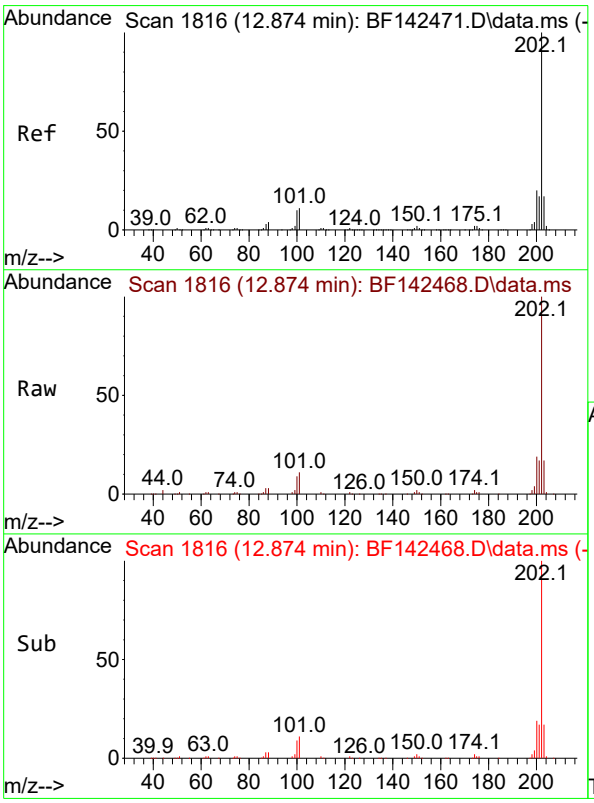
#77
Benzidine
Concen: 4.499 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 36585

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.6	17.4
183	11.1	9.0	13.4

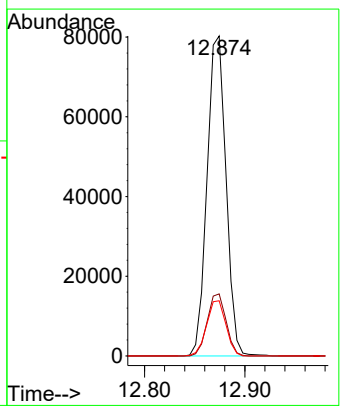


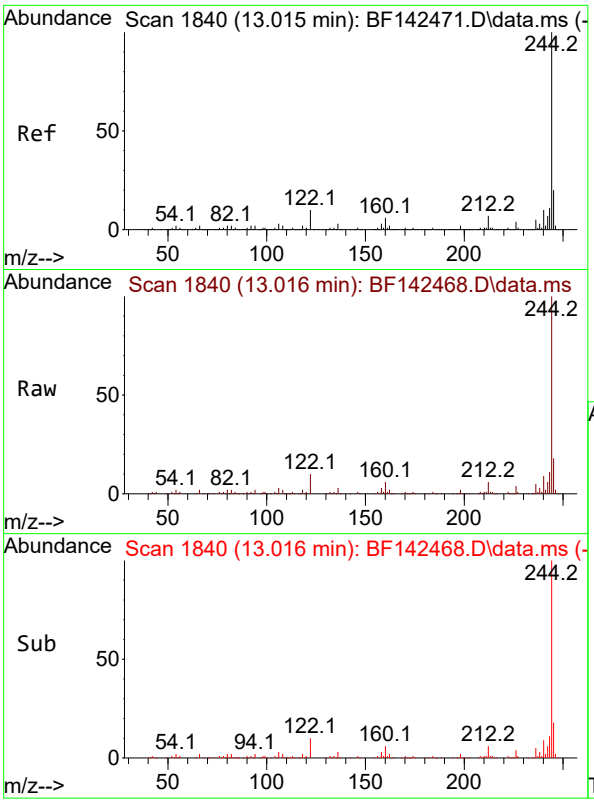


#78
Pyrene
Concen: 5.170 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:202 Resp: 105394

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.1	24.1
203	17.2	13.9	20.9



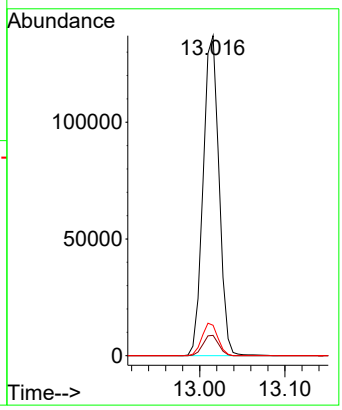


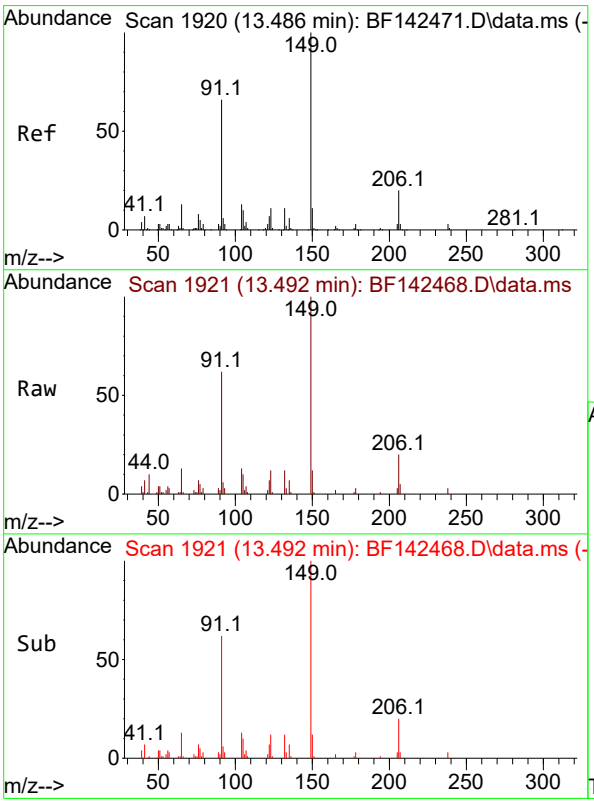
#79
Terphenyl-d14
Concen: 11.096 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 177430

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	9.5	8.2	12.2

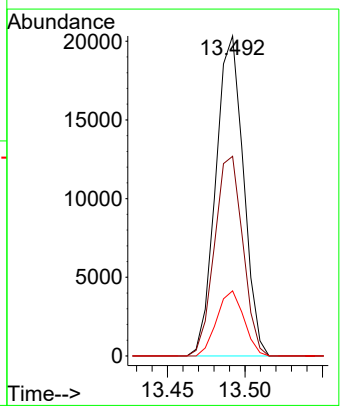


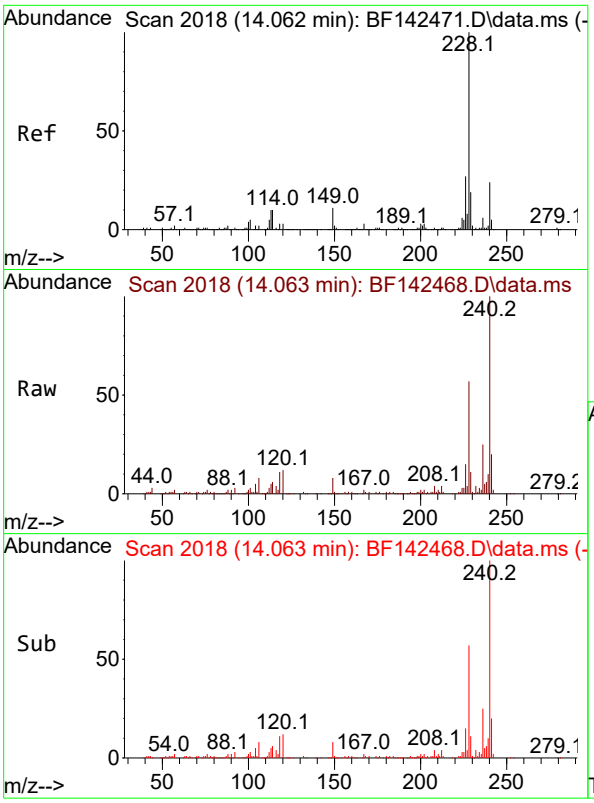


#80
Butylbenzylphthalate
Concen: 4.483 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 25251

Ion	Ratio	Lower	Upper
149	100		
91	62.4	52.9	79.3
206	20.3	16.2	24.2



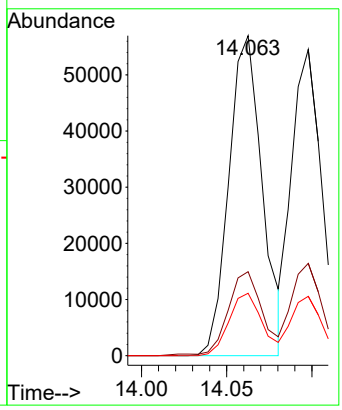


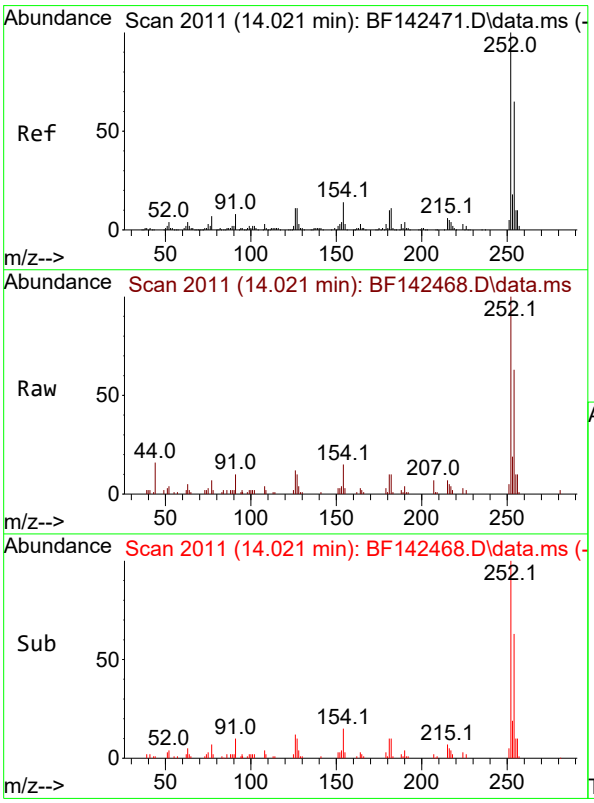
#81
Benzo(a)anthracene
Concen: 5.332 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 77800

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.2	31.8
229	19.5	15.5	23.3

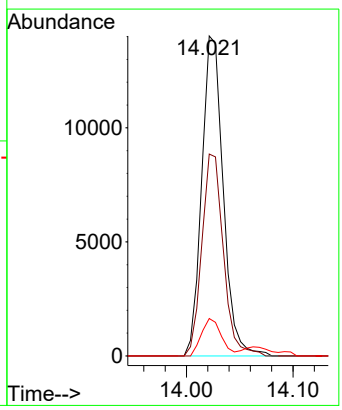


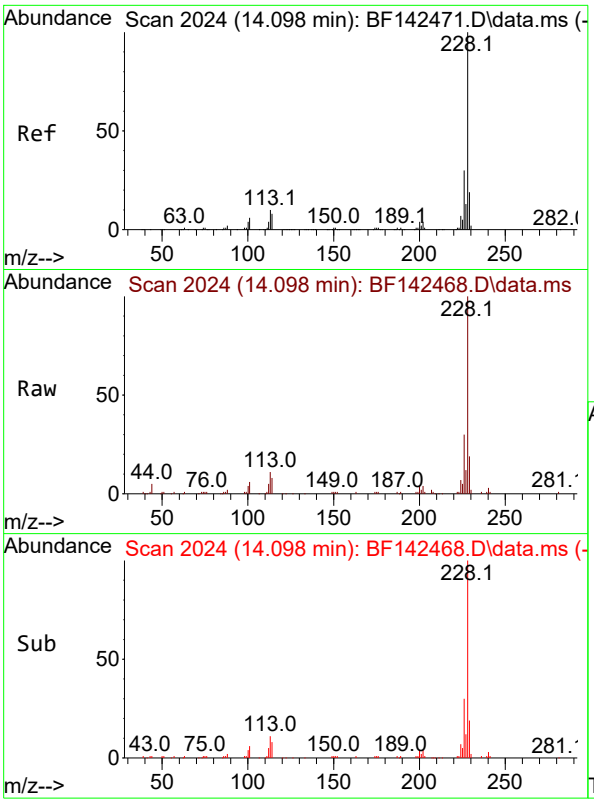


#82
3,3'-Dichlorobenzidine
Concen: 4.445 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 19673

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	11.7	8.9	13.3



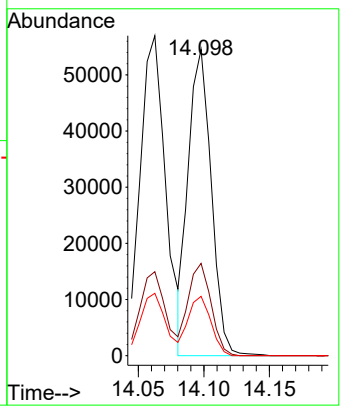


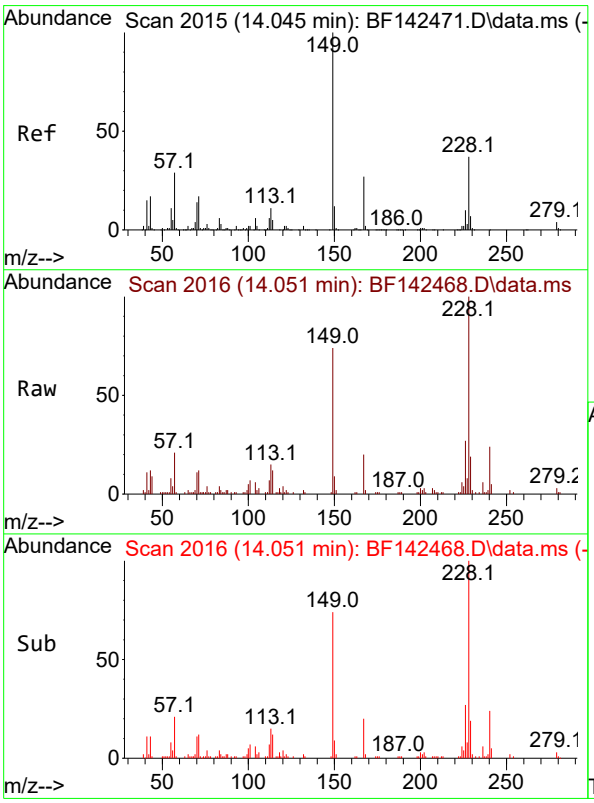
#83
Chrysene
Concen: 5.092 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 66761

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.4	15.4	23.2

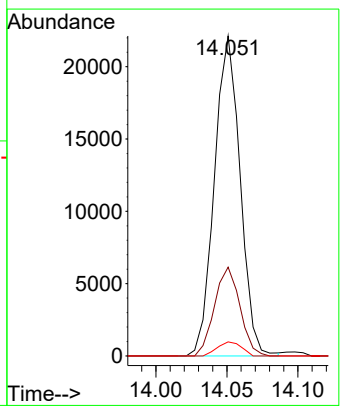


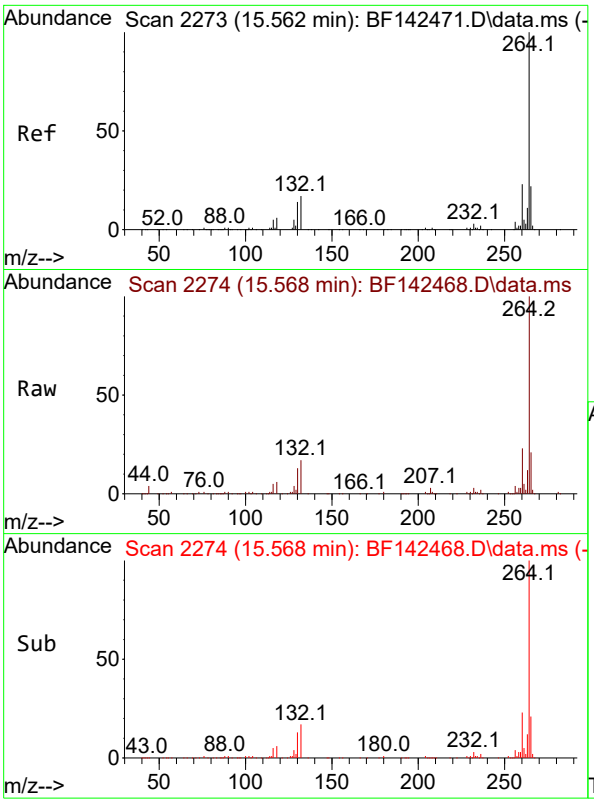


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.864 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 27864

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.4	3.2	4.8



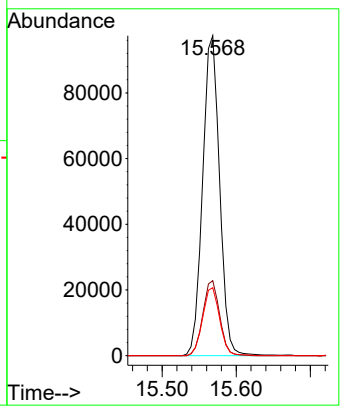


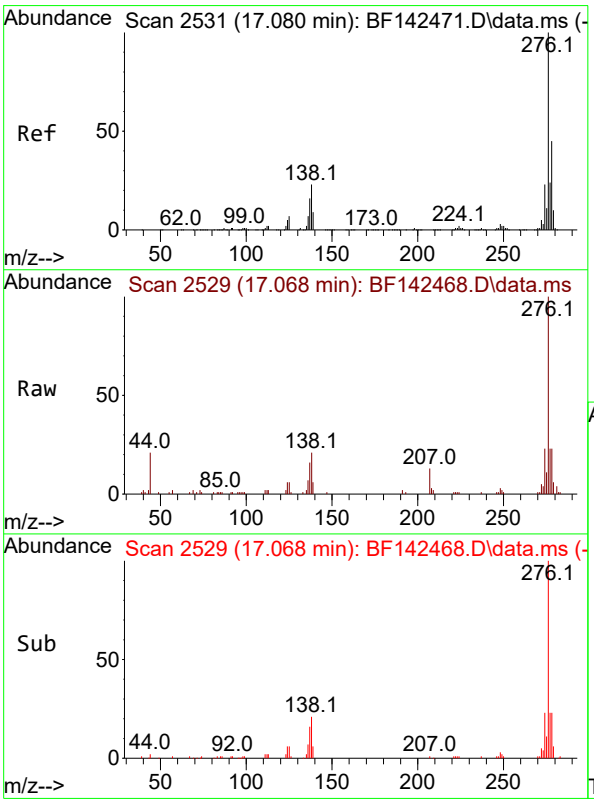
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 154887

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.7	26.5

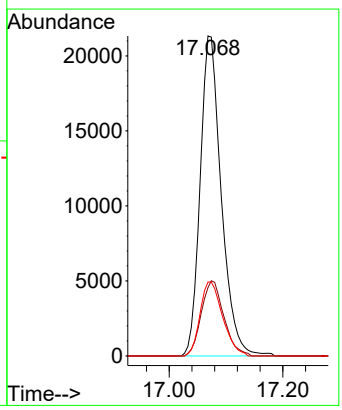


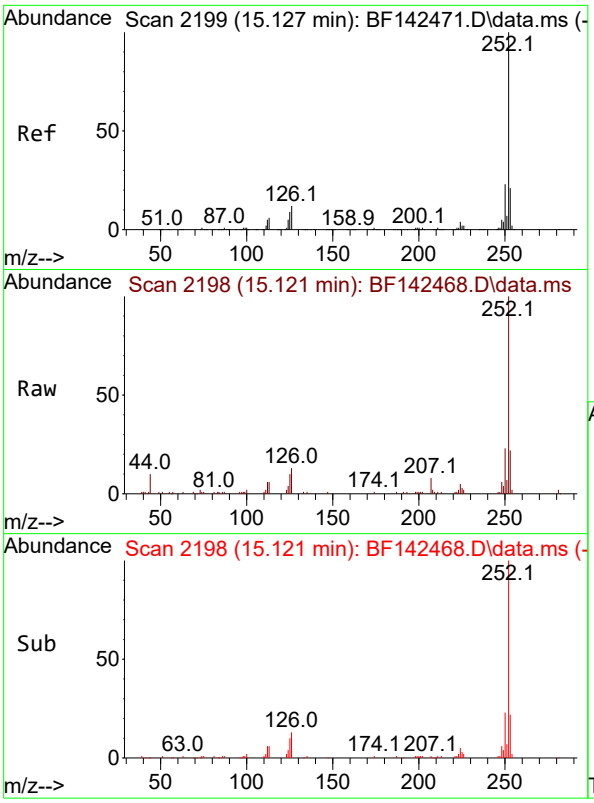


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.733 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:276 Resp: 55034

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.8	20.2	30.2



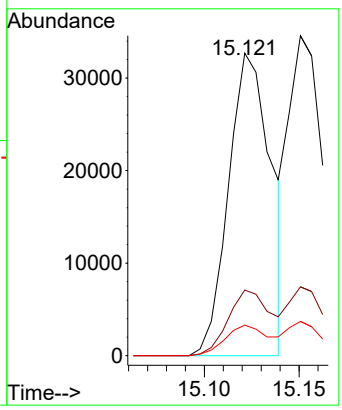


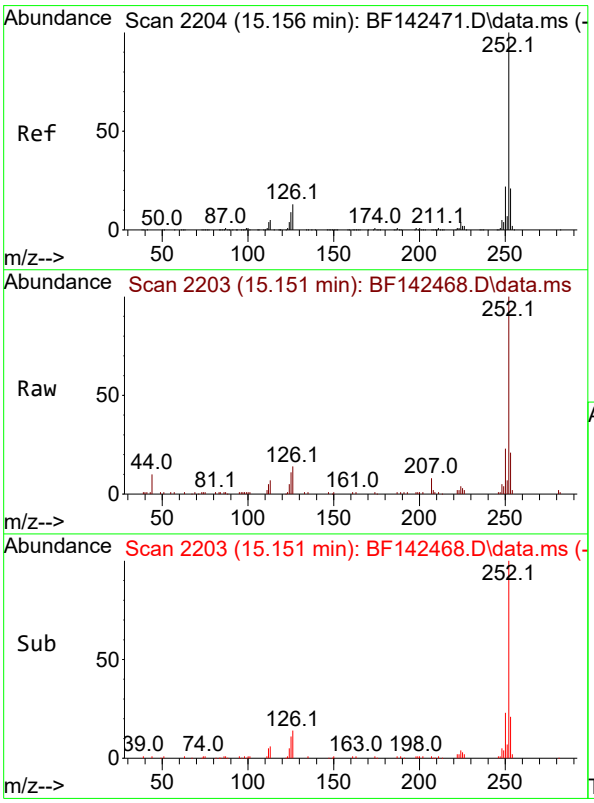
#88
Benzo(b)fluoranthene
Concen: 5.565 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 51014

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	10.1	7.4	11.0

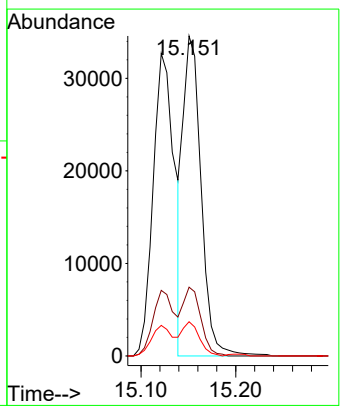


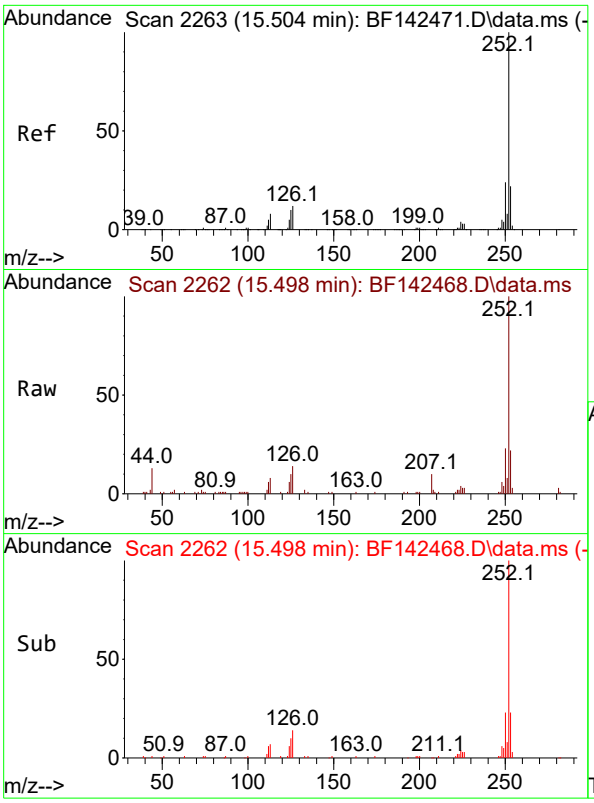


#89
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 46114

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	10.7	7.3	10.9



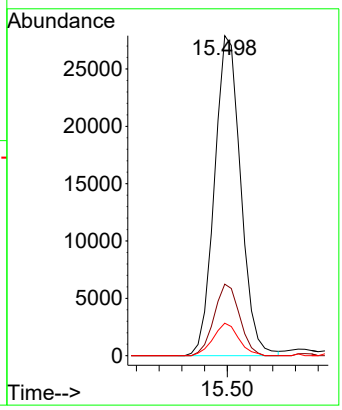


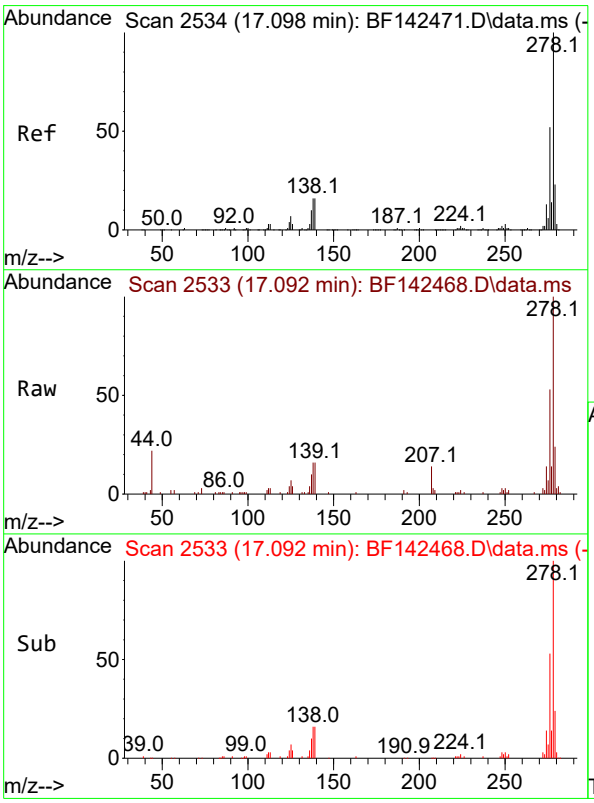
#90
Benzo(a)pyrene
Concen: 5.172 ng
RT: 15.498 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 44694

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.1	7.9	11.9

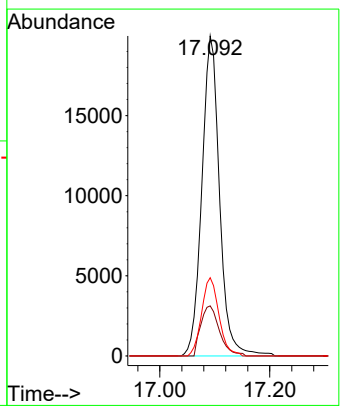


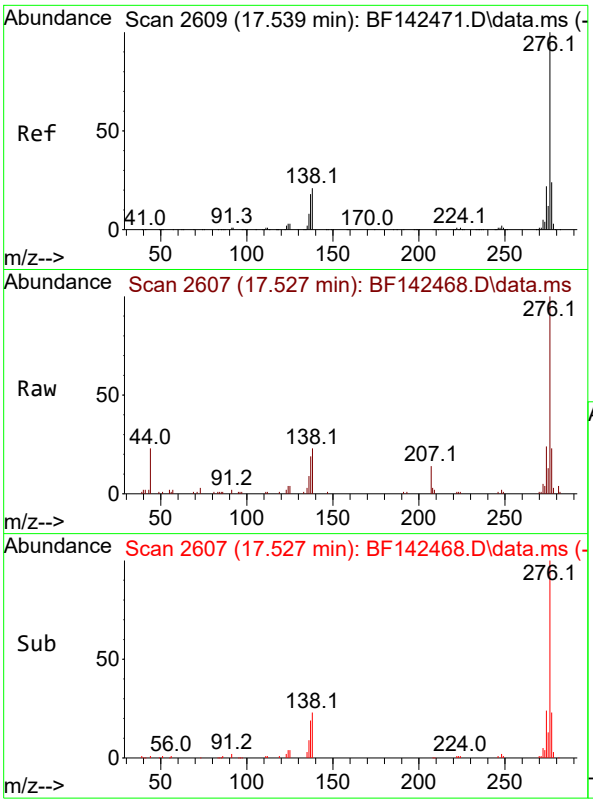


#91
Dibenzo(a,h)anthracene
Concen: 4.731 ng
RT: 17.092 min Scan# 2533
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:278 Resp: 44618

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.8	19.2
279	24.4	18.6	28.0



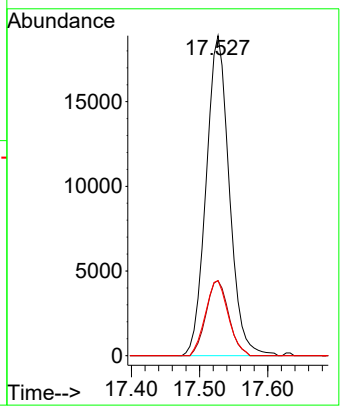


#92
Benzo(g,h,i)perylene
Concen: 4.737 ng
RT: 17.527 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 44684

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	93167	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	365488	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	205654	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	357871	20.000	ng		0.00
76) Chrysene-d12	14.069	240	197144	20.000	ng		0.00
86) Perylene-d12	15.563	264	160066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	113098	20.452	ng		-0.01
7) Phenol-d6	6.516	99	134953	20.273	ng		-0.02
23) Nitrobenzene-d5	7.457	82	133256	19.881	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	46280	20.276	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	332871	21.719	ng		-0.01
79) Terphenyl-d14	13.010	244	311785	21.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	21412	9.676	ng		99
3) Pyridine	3.440	79	53586	9.509	ng		97
4) n-Nitrosodimethylamine	3.369	42	27624	9.441	ng	#	97
6) Aniline	6.557	93	87993	9.831	ng		99
8) 2-Chlorophenol	6.681	128	60216	9.997	ng		100
9) Benzaldehyde	6.446	77	45431	11.347	ng		98
10) Phenol	6.528	94	75527	10.083	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	53797	9.978	ng		99
12) 1,3-Dichlorobenzene	6.840	146	68483	10.189	ng		98
13) 1,4-Dichlorobenzene	6.916	146	68774	10.158	ng		98
14) 1,2-Dichlorobenzene	7.069	146	65441	10.102	ng		99
15) Benzyl Alcohol	7.034	79	47712	9.699	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	92128	10.175	ng		100
17) 2-Methylphenol	7.140	107	46205	9.825	ng		98
18) Hexachloroethane	7.416	117	23425	9.909	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	40995	9.937	ng		96
20) 3+4-Methylphenols	7.293	107	61444	10.203	ng	#	86
22) Acetophenone	7.304	105	82804	10.234	ng		98
24) Nitrobenzene	7.475	77	59873	9.904	ng		98
25) Isophorone	7.716	82	112365	10.027	ng		98
26) 2-Nitrophenol	7.798	139	31085	9.623	ng		96
27) 2,4-Dimethylphenol	7.828	122	57543	10.102	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	71943	10.277	ng		97
29) 2,4-Dichlorophenol	8.034	162	51500	9.941	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	57228	10.179	ng		97
31) Naphthalene	8.204	128	186515	10.364	ng		100
32) Benzoic acid	7.893	122	27956m	8.062	ng		
33) 4-Chloroaniline	8.251	127	74805	10.258	ng		98
34) Hexachlorobutadiene	8.322	225	35161	10.016	ng		99
35) Caprolactam	8.587	113	13862	9.527	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	52919	9.968	ng		98
37) 2-Methylnaphthalene	8.892	142	116592	10.298	ng		98
38) 1-Methylnaphthalene	8.992	142	122130	10.429	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	59609	10.097	ng		99
41) Hexachlorocyclopentadiene	9.051	237	36016	9.044	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	38354	9.635	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

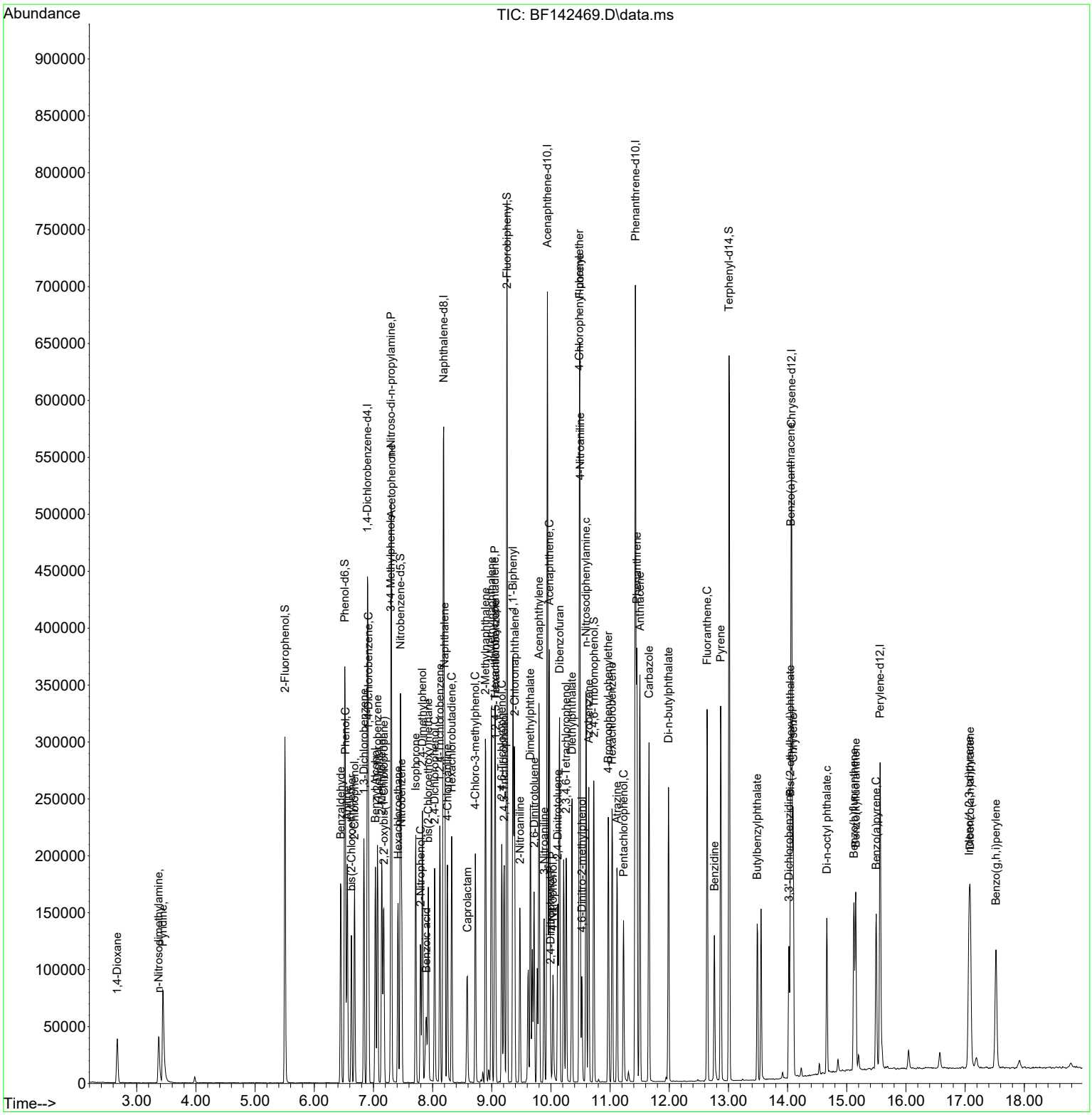
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	42272	10.069	ng		96
46) 1,1'-Biphenyl	9.357	154	165063	10.346	ng		99
47) 2-Chloronaphthalene	9.387	162	120339	10.208	ng		96
48) 2-Nitroaniline	9.475	65	32722	9.604	ng		98
49) Acenaphthylene	9.798	152	203767	10.237	ng		99
50) Dimethylphthalate	9.651	163	137804	10.155	ng		100
51) 2,6-Dinitrotoluene	9.716	165	29112	9.940	ng		98
52) Acenaphthene	9.975	154	125669	10.339	ng		96
53) 3-Nitroaniline	9.887	138	31820	9.947	ng		99
54) 2,4-Dinitrophenol	9.992	184	11352	7.502	ng	#	82
55) Dibenzofuran	10.145	168	181558	10.380	ng		98
56) 4-Nitrophenol	10.034	139	22320	9.456	ng		92
57) 2,4-Dinitrotoluene	10.116	165	37749	9.869	ng		97
58) Fluorene	10.486	166	143883	10.648	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34548	9.857	ng		99
60) Diethylphthalate	10.357	149	134662	10.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	69739	10.506	ng		97
62) 4-Nitroaniline	10.492	138	29122	10.038	ng		98
63) Azobenzene	10.639	77	122806	10.317	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	16782	8.403	ng		94
66) n-Nitrosodiphenylamine	10.592	169	121959	9.961	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	42057	9.939	ng		96
68) Hexachlorobenzene	11.034	284	47773	10.207	ng		98
69) Atrazine	11.116	200	31184	9.591	ng		98
70) Pentachlorophenol	11.228	266	24115	9.126	ng		99
71) Phenanthrene	11.451	178	195667	10.231	ng		100
72) Anthracene	11.504	178	202509	10.375	ng		99
73) Carbazole	11.657	167	173217	10.381	ng		100
74) Di-n-butylphthalate	11.986	149	185880	10.177	ng		100
75) Fluoranthene	12.639	202	193456	10.825	ng		99
77) Benzidine	12.763	184	77091	10.508	ng		99
78) Pyrene	12.869	202	193842	10.540	ng		100
80) Butylbenzylphthalate	13.486	149	44682	8.793	ng		97
81) Benzo(a)anthracene	14.057	228	126886	9.639	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	35845	8.977	ng		99
83) Chrysene	14.092	228	118674	10.032	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	54056	8.310	ng		98
85) Di-n-octyl phthalate	14.663	149	94445	7.425	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	119642	9.956	ng		99
88) Benzo(b)fluoranthene	15.121	252	88432	9.335	ng		98
89) Benzo(k)fluoranthene	15.151	252	93315	10.517	ng		99
90) Benzo(a)pyrene	15.498	252	86477	9.684	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	98308	10.087	ng		98
92) Benzo(g,h,i)perylene	17.521	276	97640	10.016	ng		99

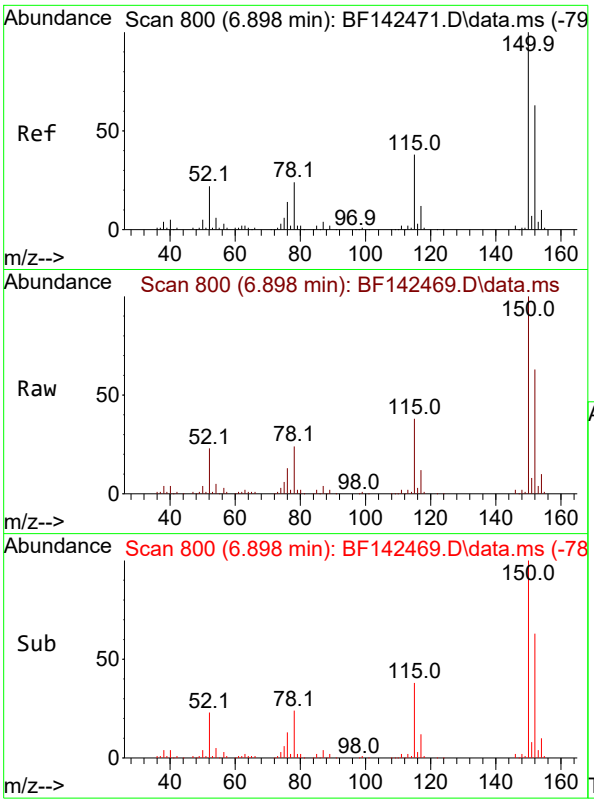
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



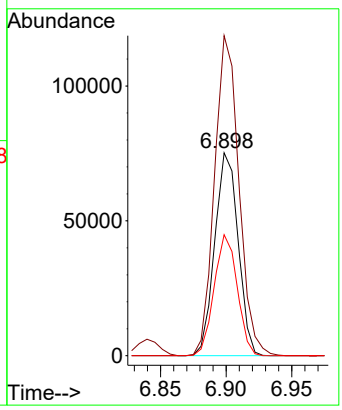


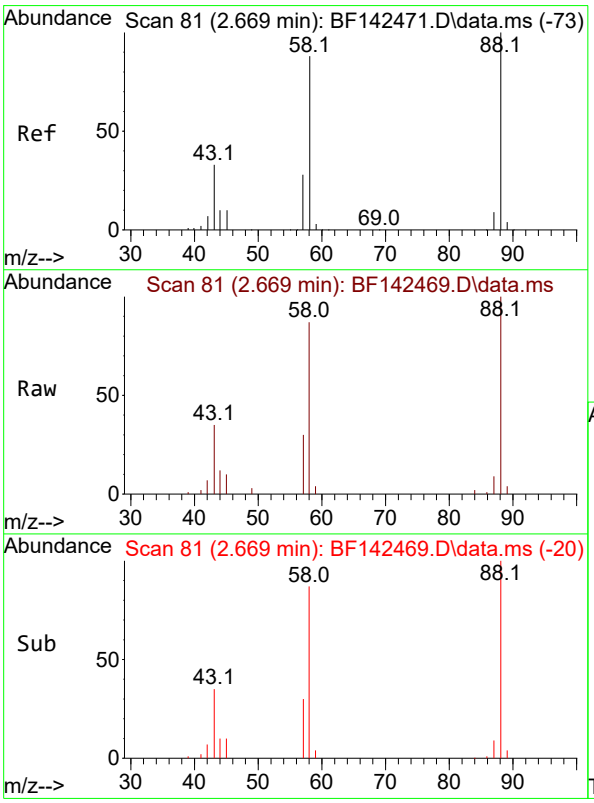
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 93167

Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.2	192.4
115	59.6	48.3	72.5

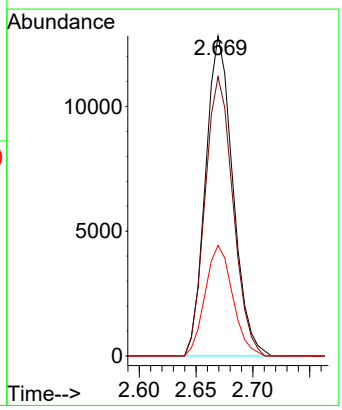


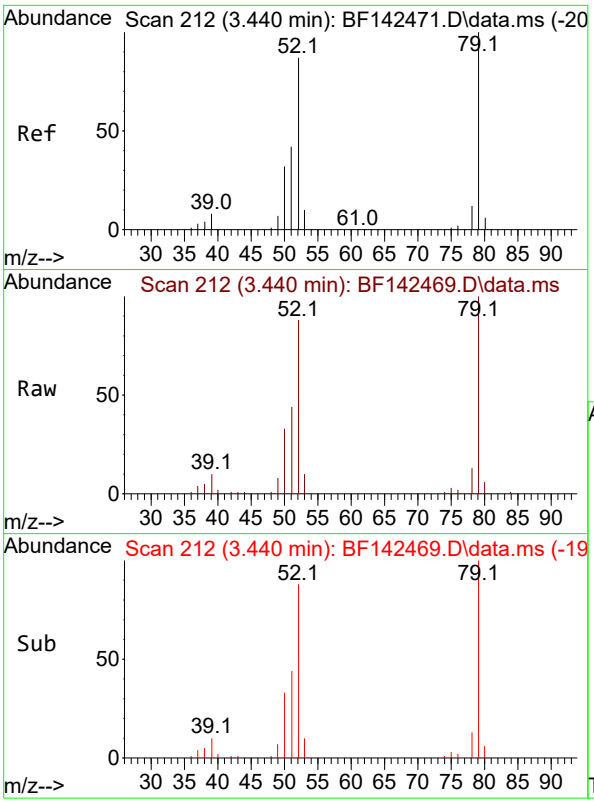


#2
1,4-Dioxane
Concen: 9.676 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 88 Resp: 21412

Ion	Ratio	Lower	Upper
88	100		
58	89.3	70.8	106.2
43	34.8	26.6	40.0



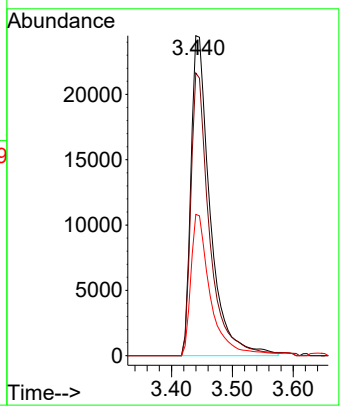


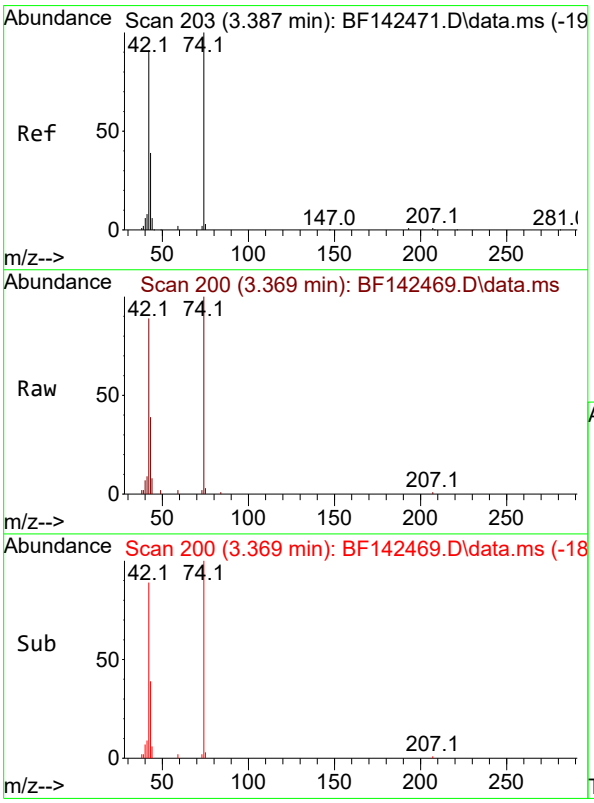
#3
Pyridine
Concen: 9.509 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 53586

Ion	Ratio	Lower	Upper
79	100		
52	88.4	69.2	103.8
51	44.2	33.3	49.9

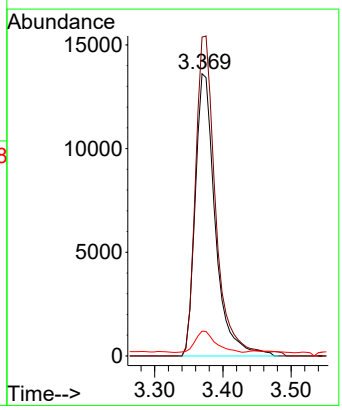


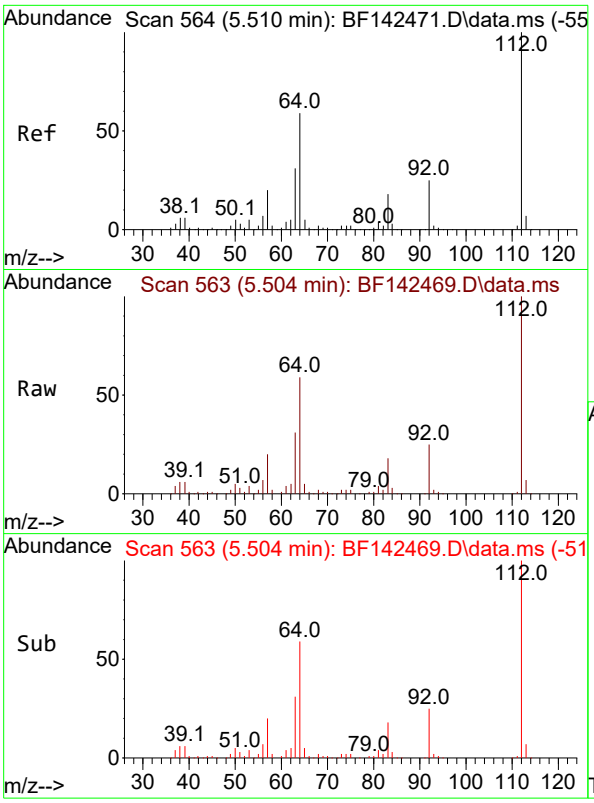


#4
n-Nitrosodimethylamine
Concen: 9.441 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 42 Resp: 27624

Ion	Ratio	Lower	Upper
42	100		
74	113.0	88.2	132.4
44	8.8	5.4	8.2#



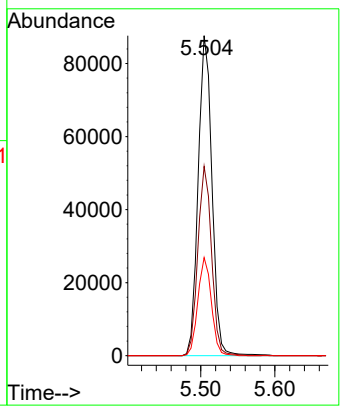


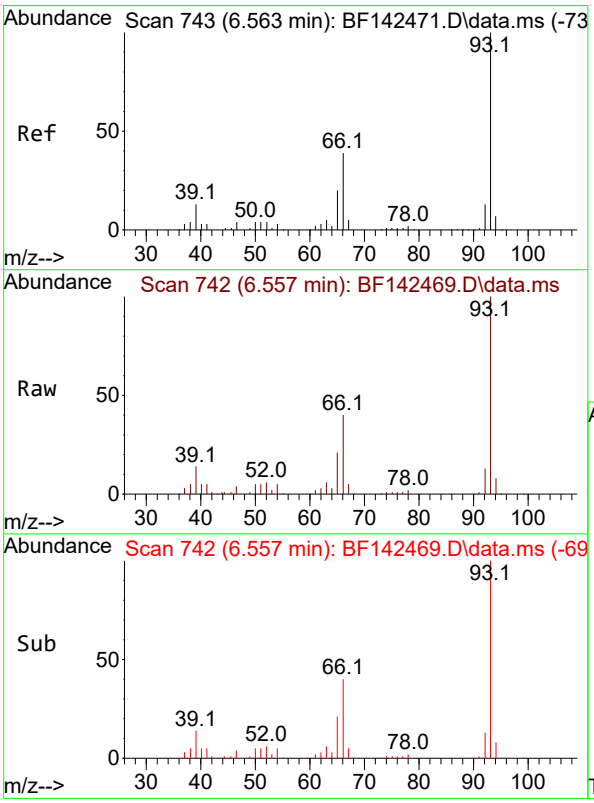
#5
2-Fluorophenol
Concen: 20.452 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 113098

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.5	71.3
63	30.7	24.9	37.3

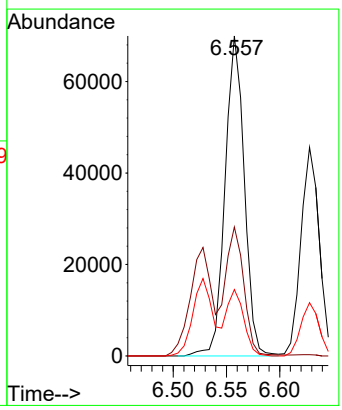


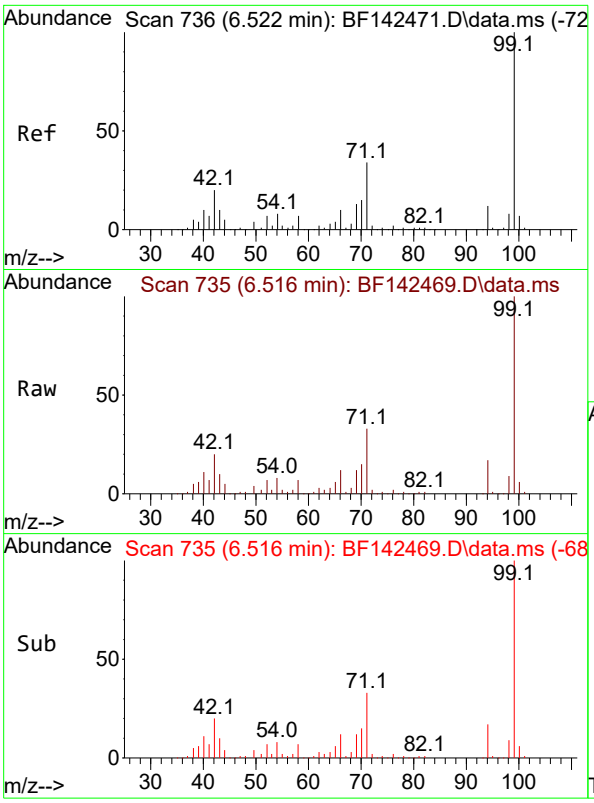


#6
Aniline
Concen: 9.831 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 87993

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.0	48.0
65	20.8	16.1	24.1



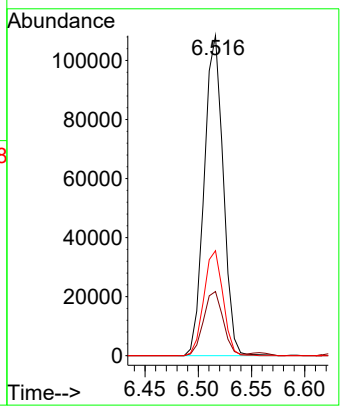


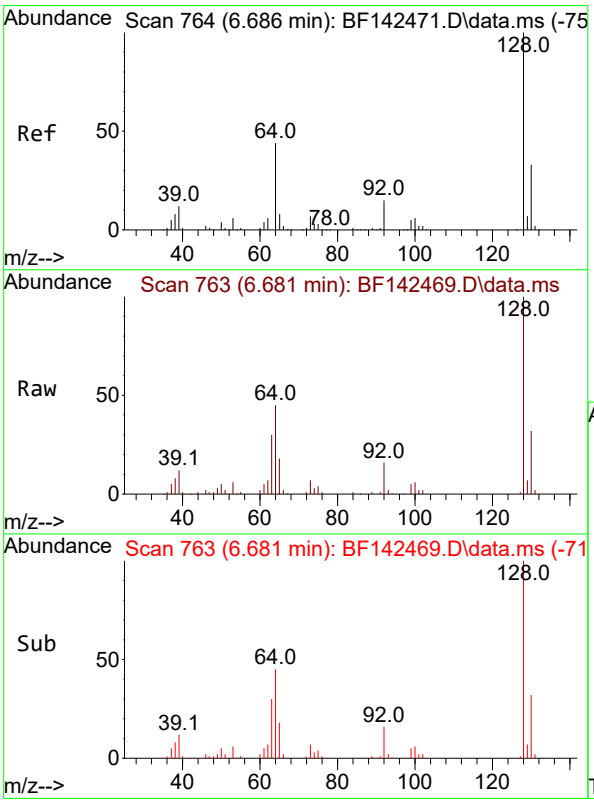
#7
Phenol-d6
Concen: 20.273 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 134953

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	32.8	27.3	40.9

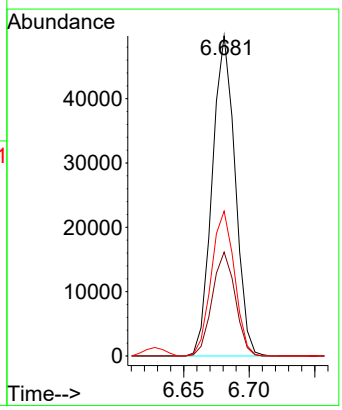


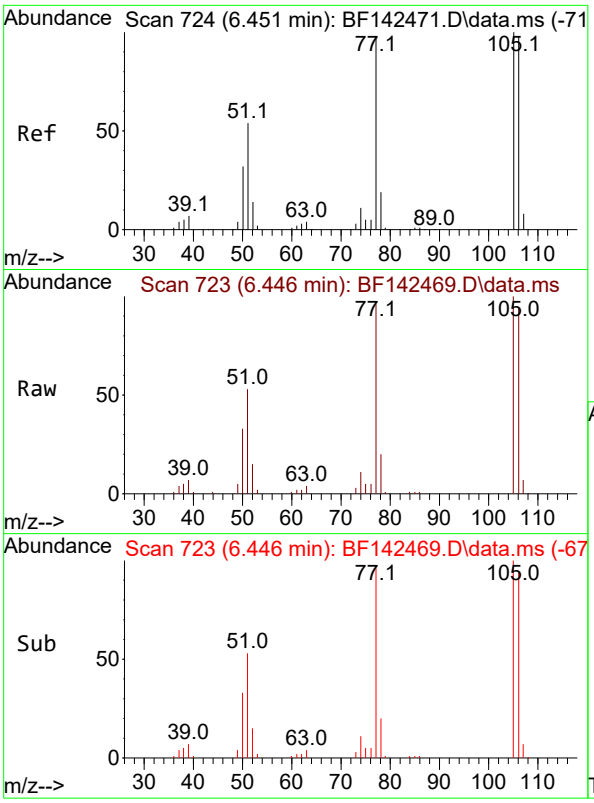


#8
2-Chlorophenol
Concen: 9.997 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:128 Resp: 60216

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	45.3	25.1	65.1



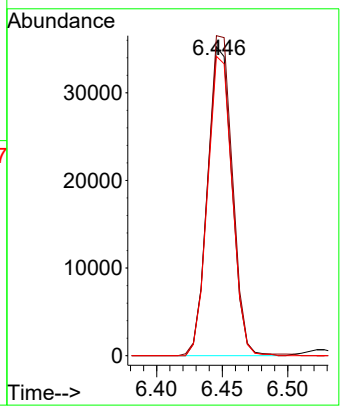


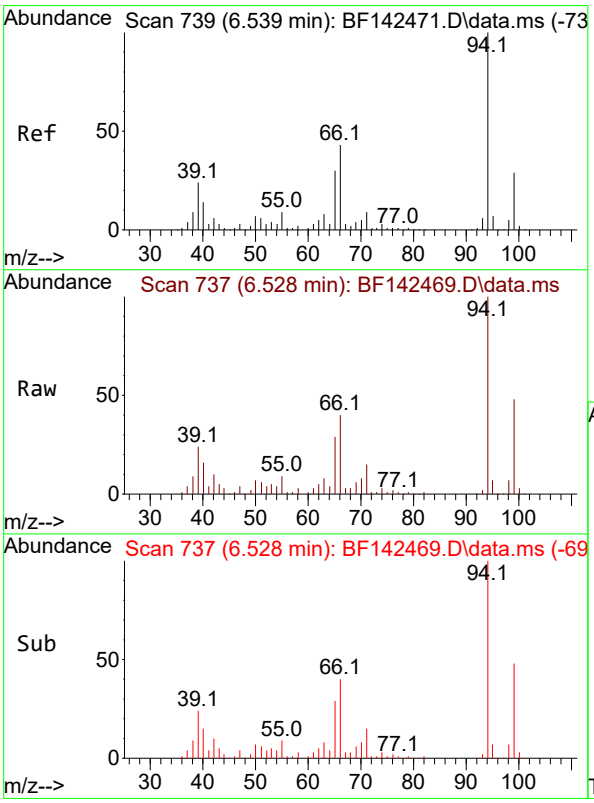
#9
Benzaldehyde
Concen: 11.347 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 45431

Ion	Ratio	Lower	Upper
77	100		
105	103.6	82.5	122.5
106	97.0	80.0	120.0

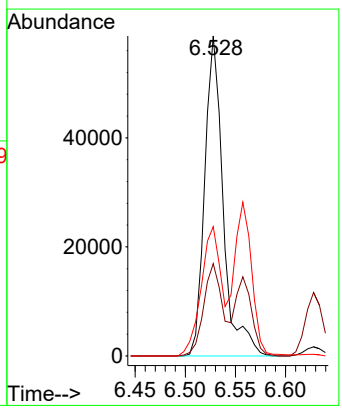


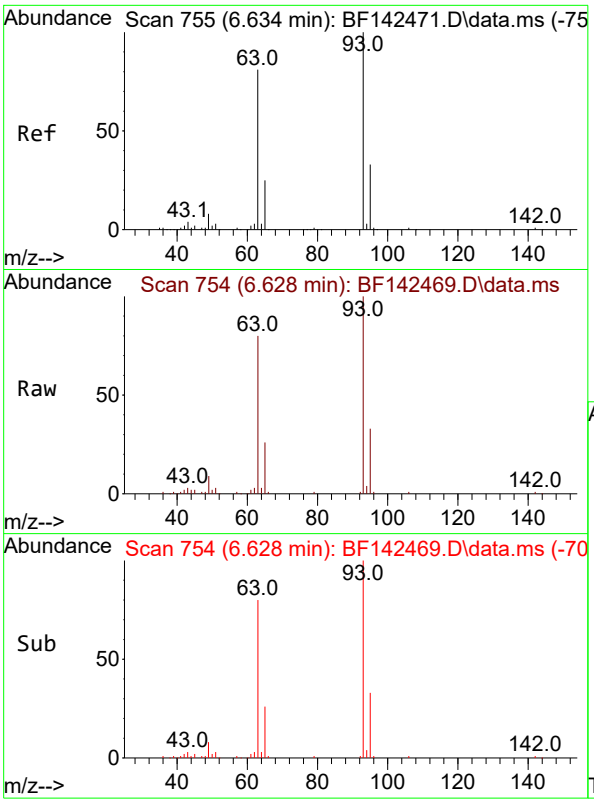


#10
Phenol
Concen: 10.083 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 94 Resp: 75527

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.3	50.3
66	40.4	22.6	62.6



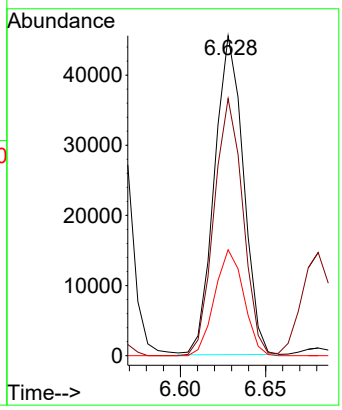


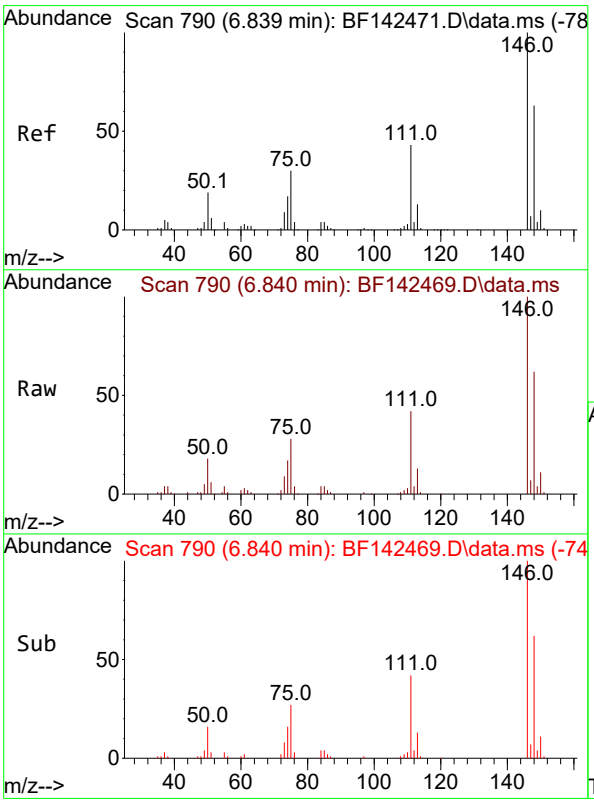
#11
bis(2-Chloroethyl)ether
Concen: 9.978 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 53797

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.2	100.2
95	33.1	12.3	52.3

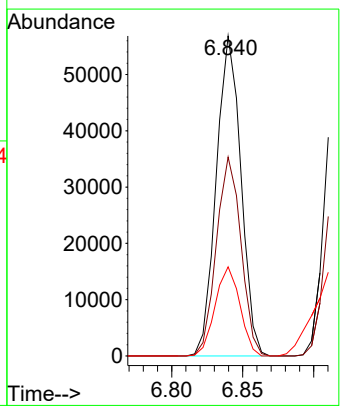


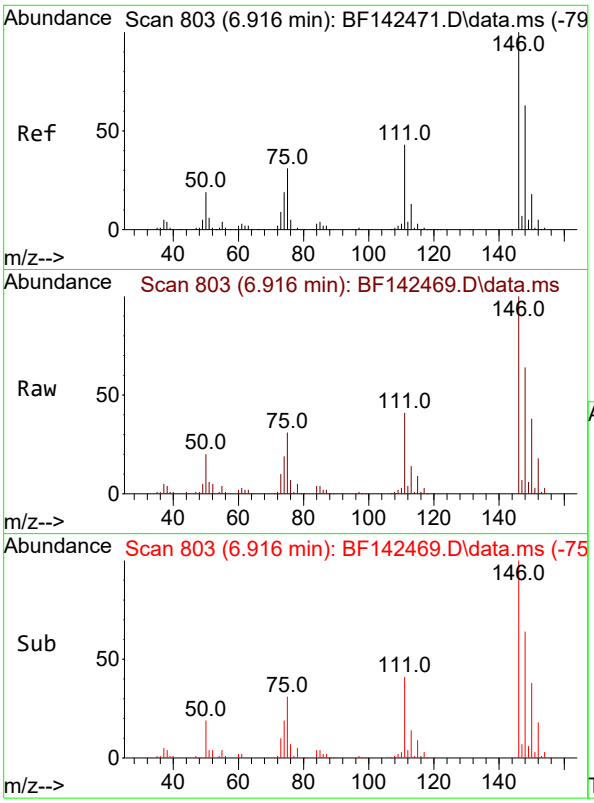


#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:146 Resp: 68483

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
75	27.9	23.8	35.6



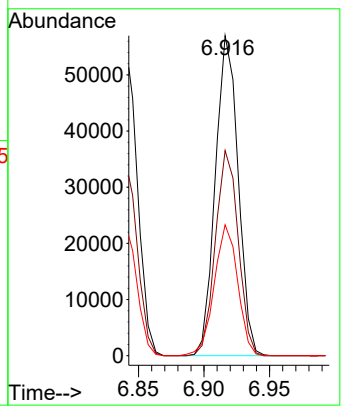


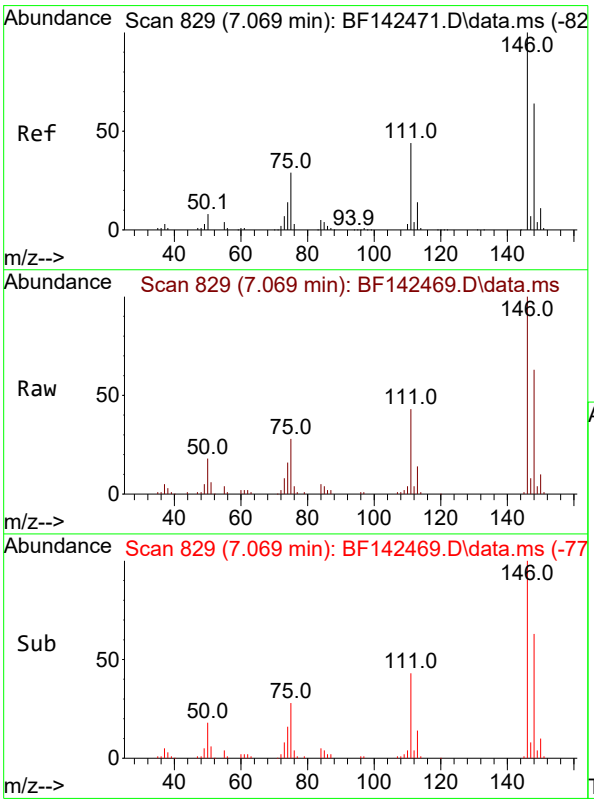
#13
1,4-Dichlorobenzene
Concen: 10.158 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 68774

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	40.9	34.1	51.1

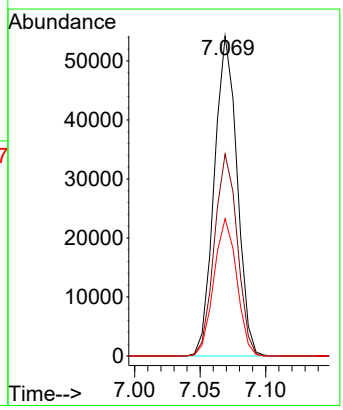


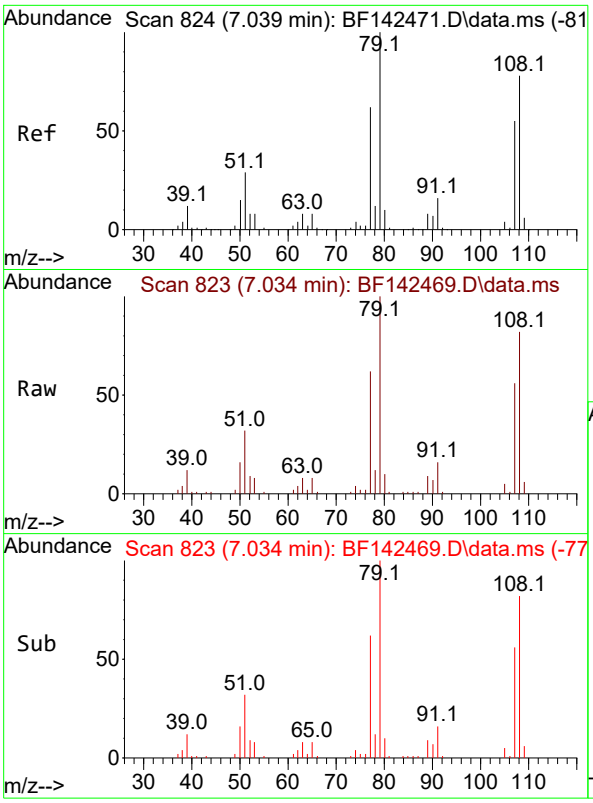


#14
1,2-Dichlorobenzene
Concen: 10.102 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:146 Resp: 65441

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	42.9	35.0	52.6



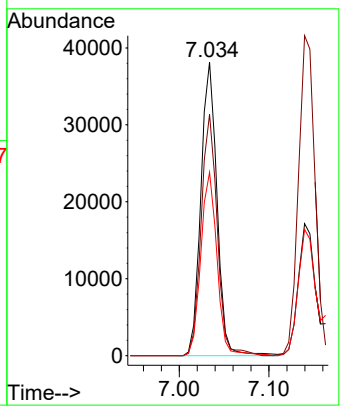


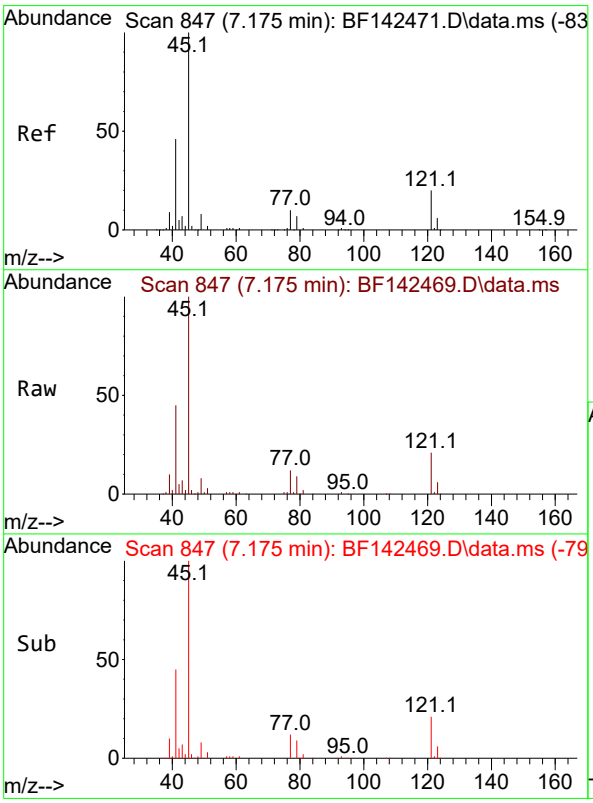
#15
Benzyl Alcohol
Concen: 9.699 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 47712

Ion	Ratio	Lower	Upper
79	100		
108	82.2	62.1	93.1
77	62.4	49.5	74.3

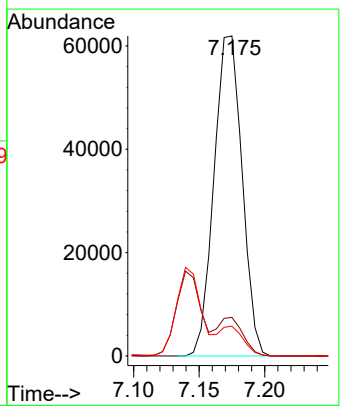


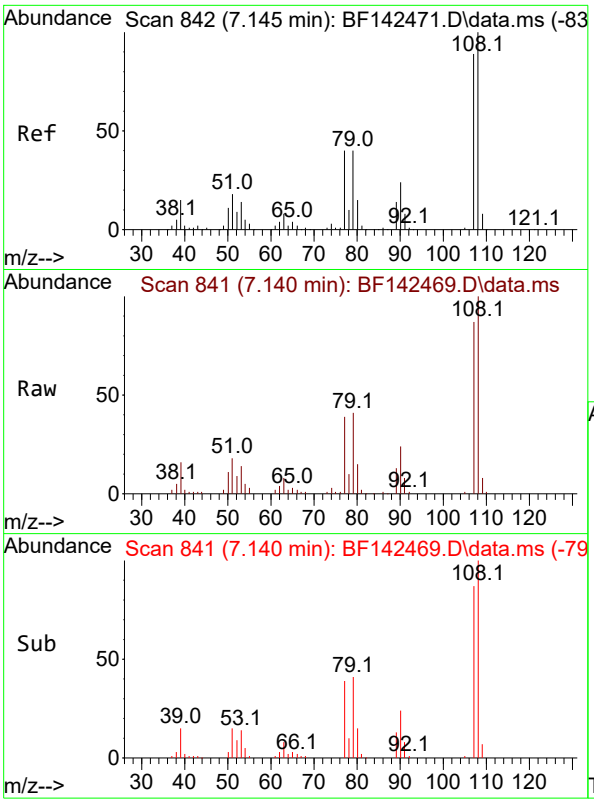


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 45 Resp: 92128

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.3	0.0	29.2



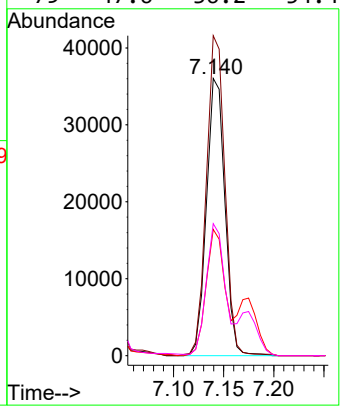


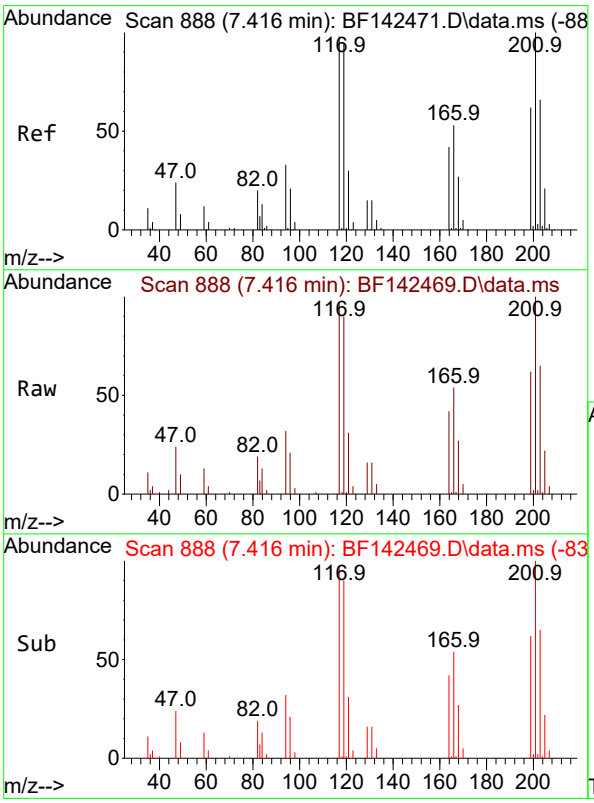
#17
2-Methylphenol
Concen: 9.825 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 46205

Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.2	135.2
77	45.6	36.1	54.1
79	47.6	36.2	54.4

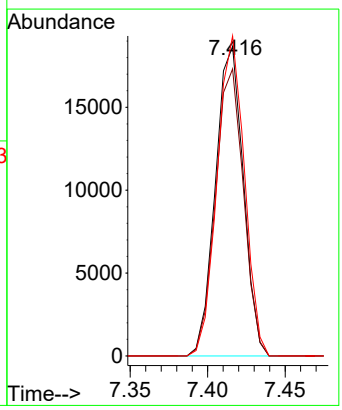


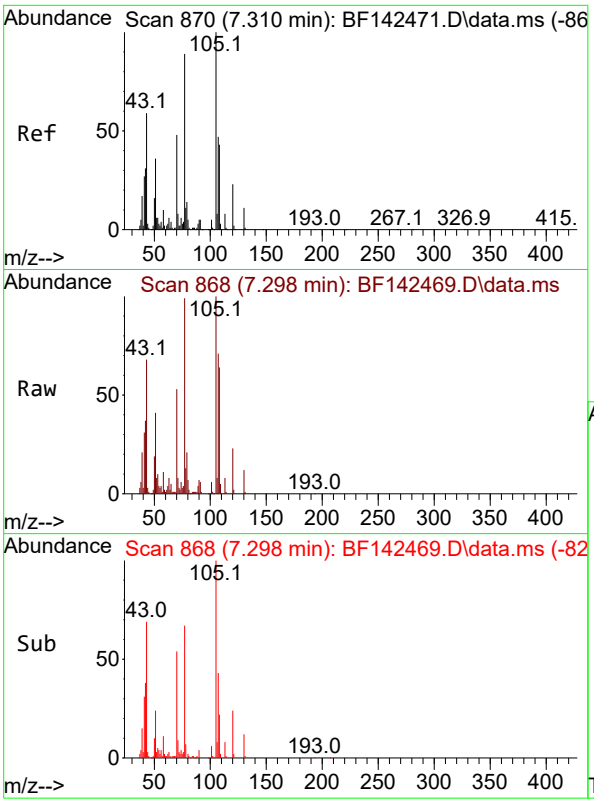


#18
Hexachloroethane
Concen: 9.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:117 Resp: 23425

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	114.8
201	103.3	81.3	121.9



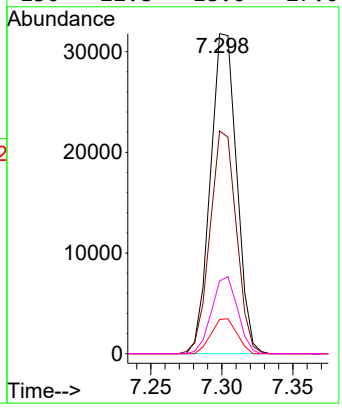


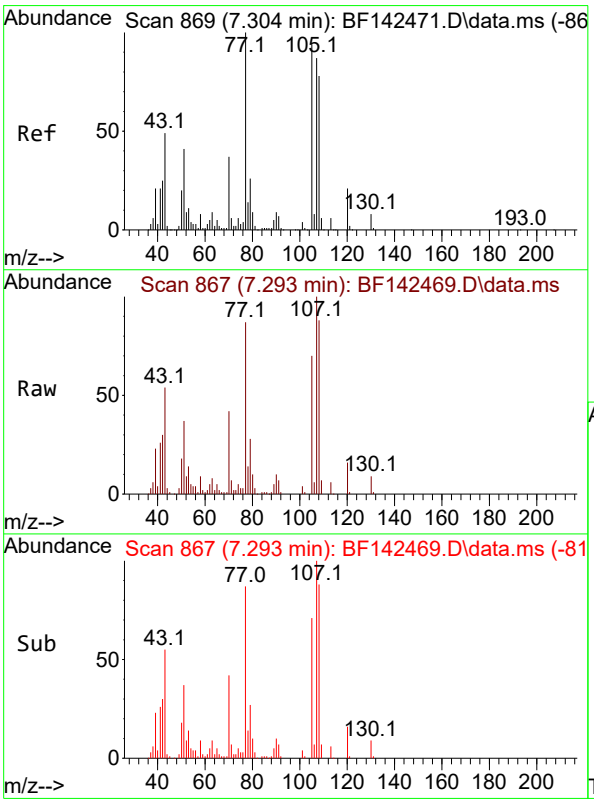
#19
n-Nitroso-di-n-propylamine
Concen: 9.937 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 40995

Ion	Ratio	Lower	Upper
70	100		
42	69.6	52.4	78.6
101	10.7	7.8	11.8
130	22.8	18.0	27.0

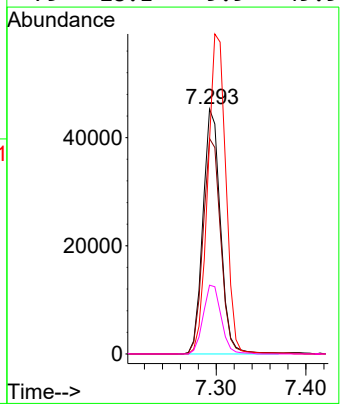


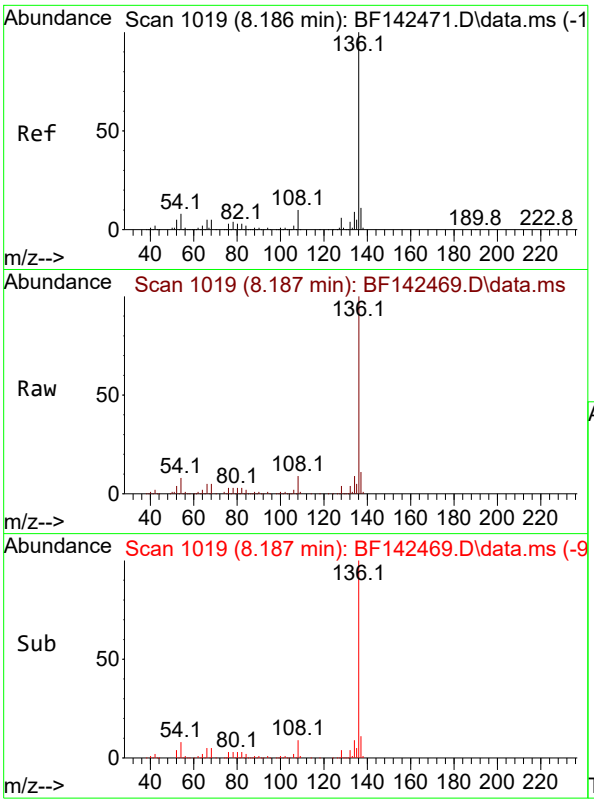


#20
3+4-Methylphenols
Concen: 10.203 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:107 Resp: 61444

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.4	110.4
77	87.2	95.4	135.4#
79	28.1	9.9	49.9



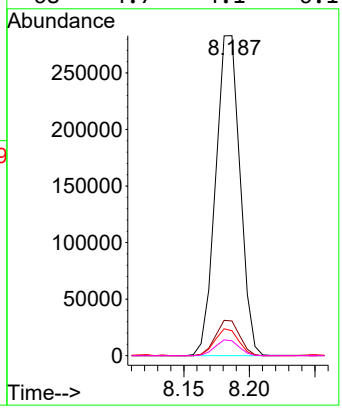


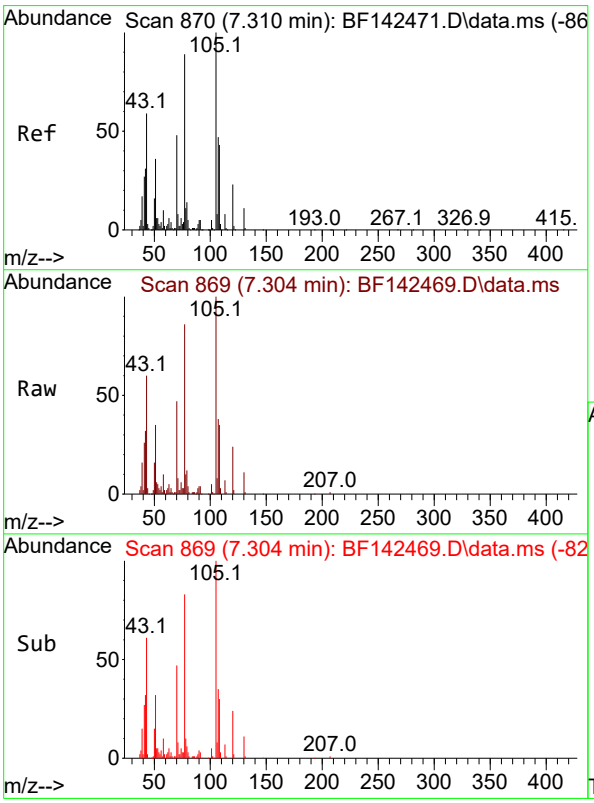
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 365488

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.8	6.6	10.0
68	4.7	4.1	6.1

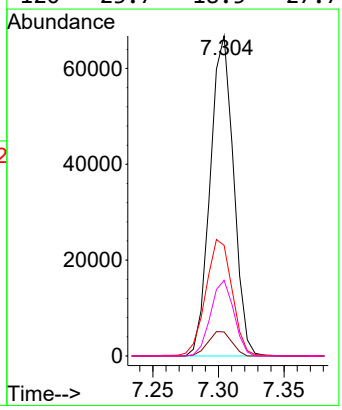


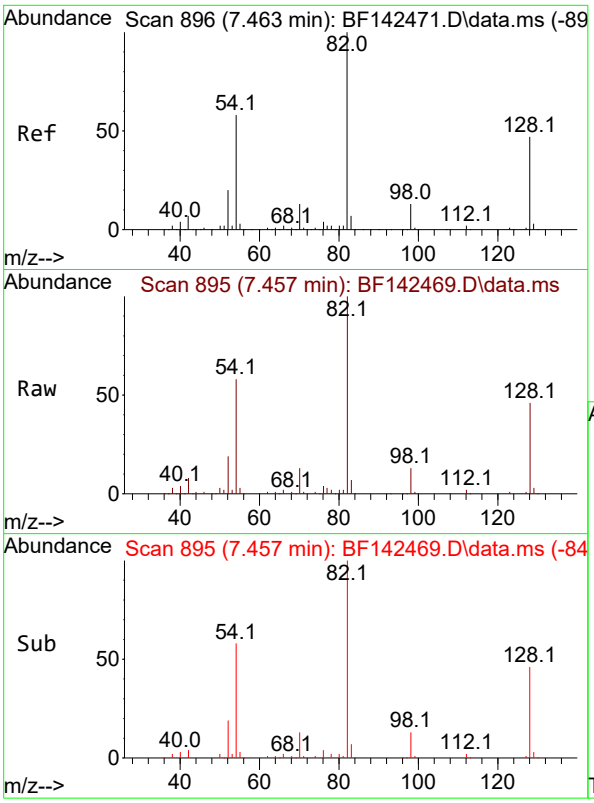


#22
Acetophenone
Concen: 10.234 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:105 Resp: 82804

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.4	9.6
51	34.5	28.6	42.8
120	23.7	18.5	27.7



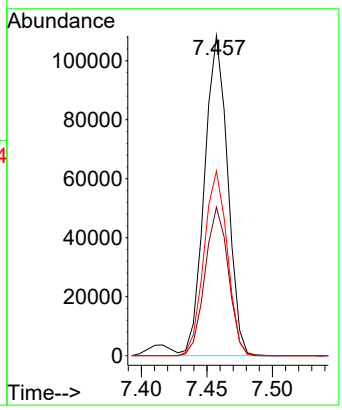


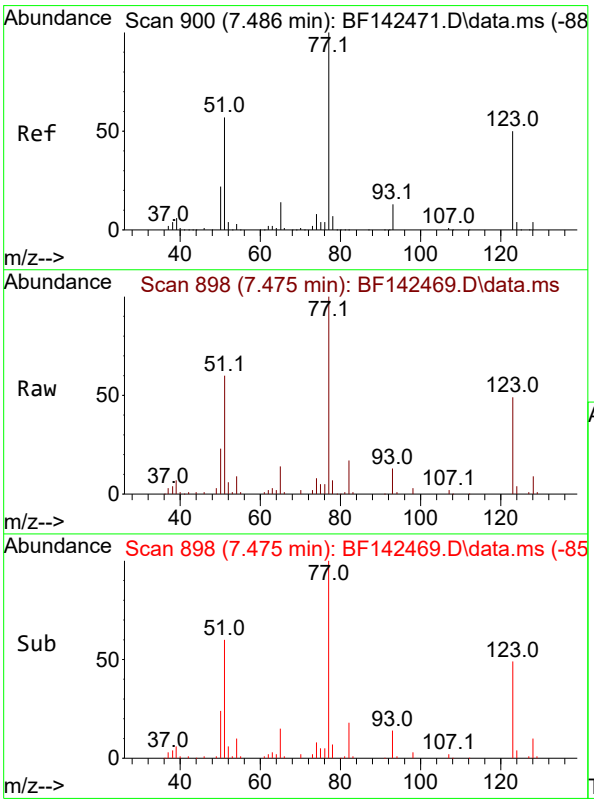
#23
Nitrobenzene-d5
Concen: 19.881 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 133256

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	57.7	46.6	70.0

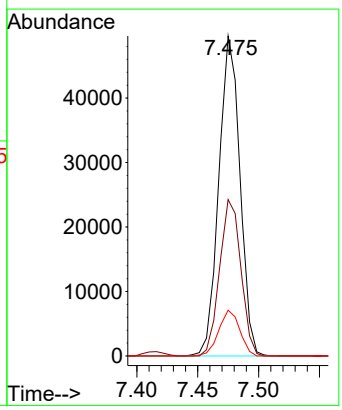


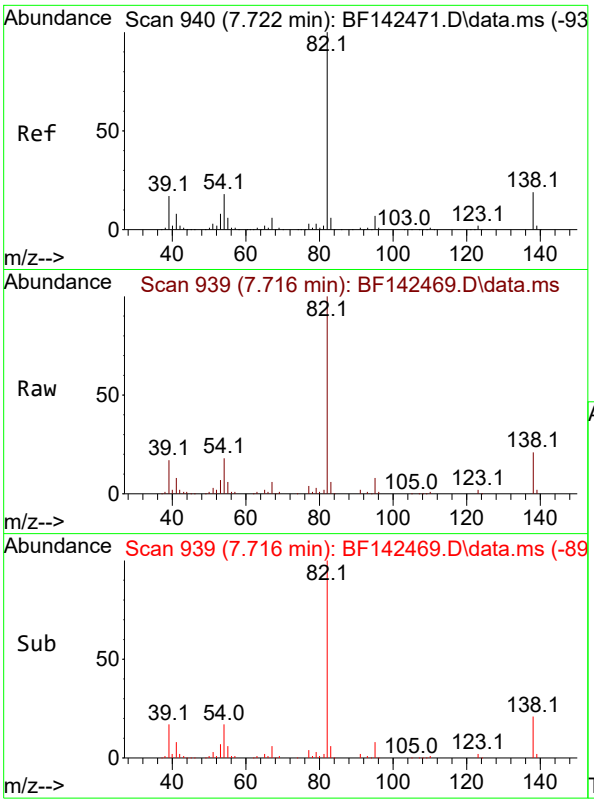


#24
Nitrobenzene
Concen: 9.904 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 77 Resp: 59873

Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.6	61.0
65	14.3	11.4	17.2



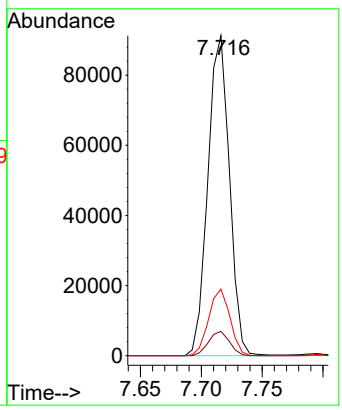


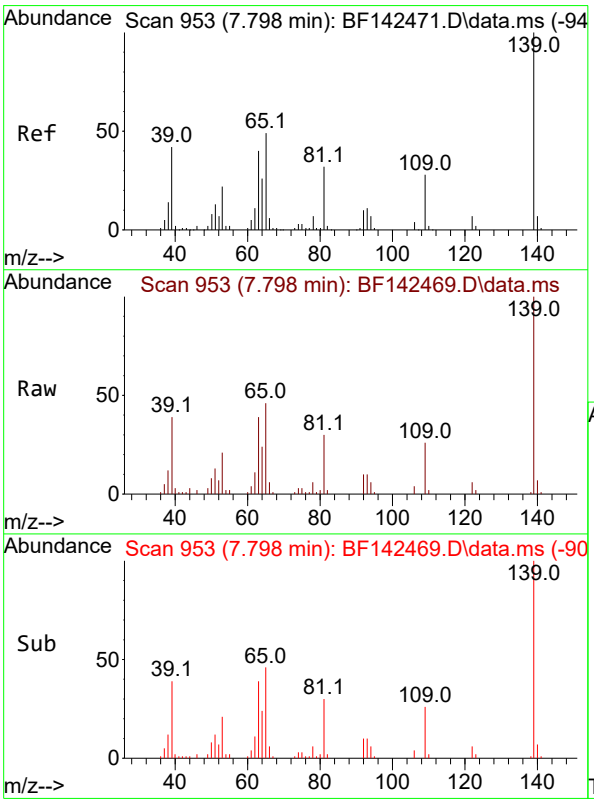
#25
Isophorone
Concen: 10.027 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 112365

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.8	15.5	23.3

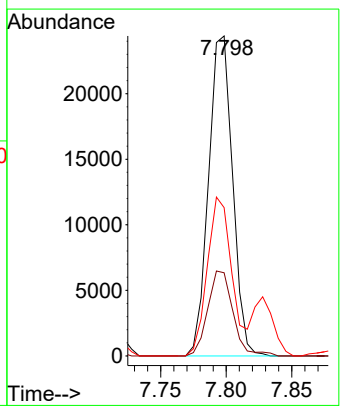


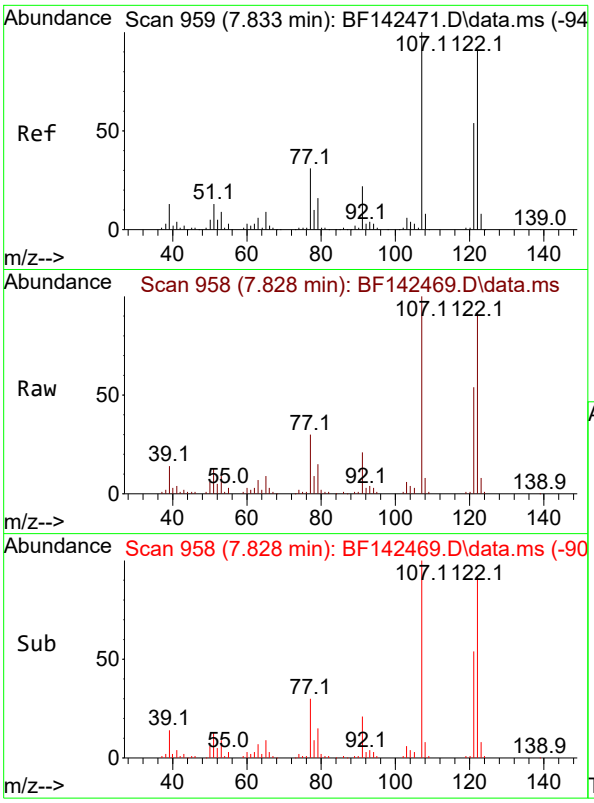


#26
2-Nitrophenol
Concen: 9.623 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:139 Resp: 31085

Ion	Ratio	Lower	Upper
139	100		
109	26.0	22.6	33.8
65	46.4	39.4	59.0



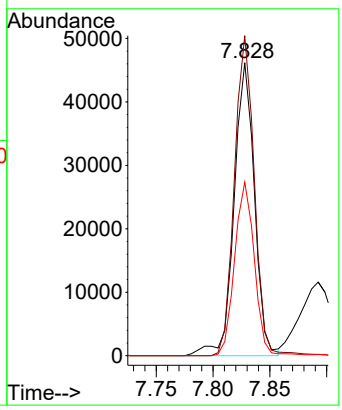


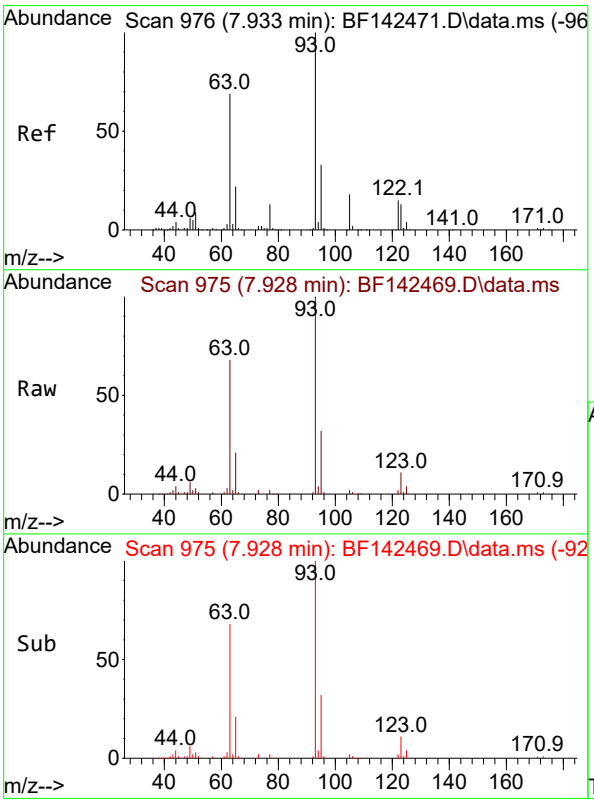
#27
2,4-Dimethylphenol
Concen: 10.102 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 57543

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.1	132.1
121	59.3	47.3	70.9

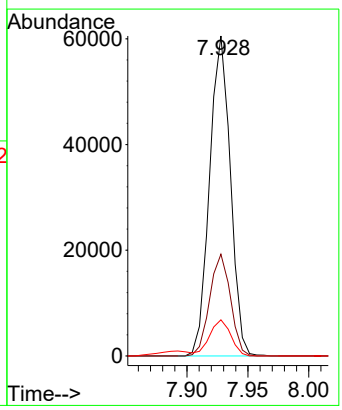


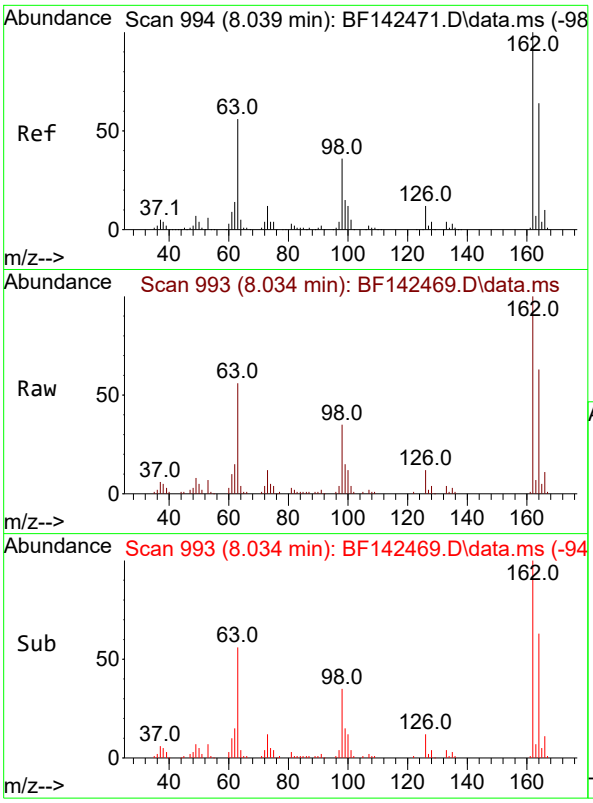


#28
bis(2-Chloroethoxy)methane
Concen: 10.277 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 71943

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.4	39.6
123	11.3	10.6	15.8



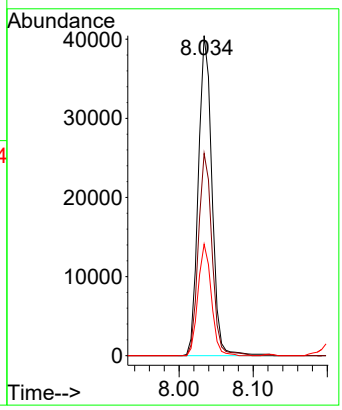


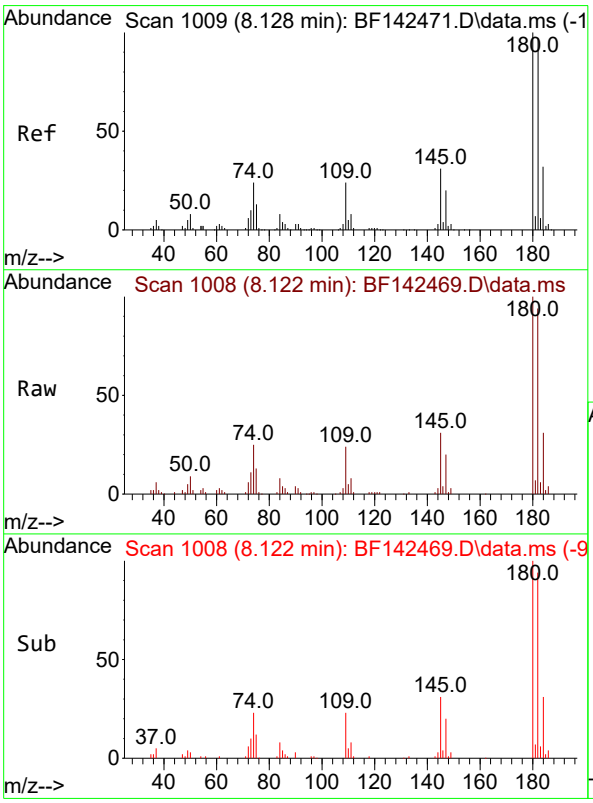
#29
2,4-Dichlorophenol
Concen: 9.941 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 51500

Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.7	83.7
98	34.8	15.5	55.5

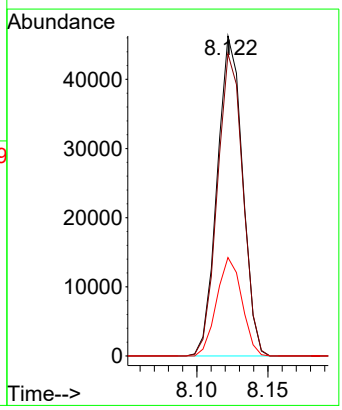


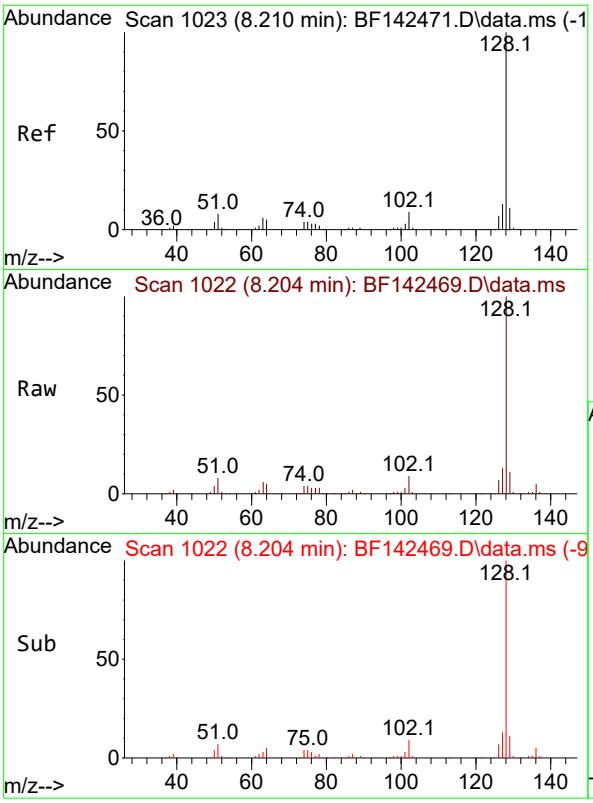


#30
1,2,4-Trichlorobenzene
Concen: 10.179 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:180 Resp: 57228

Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	30.8	25.0	37.6



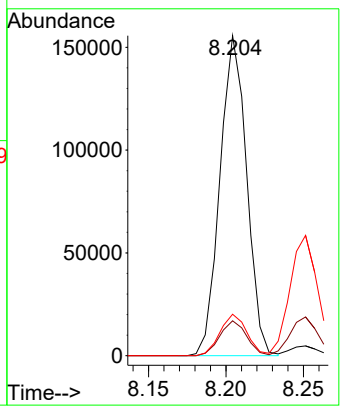


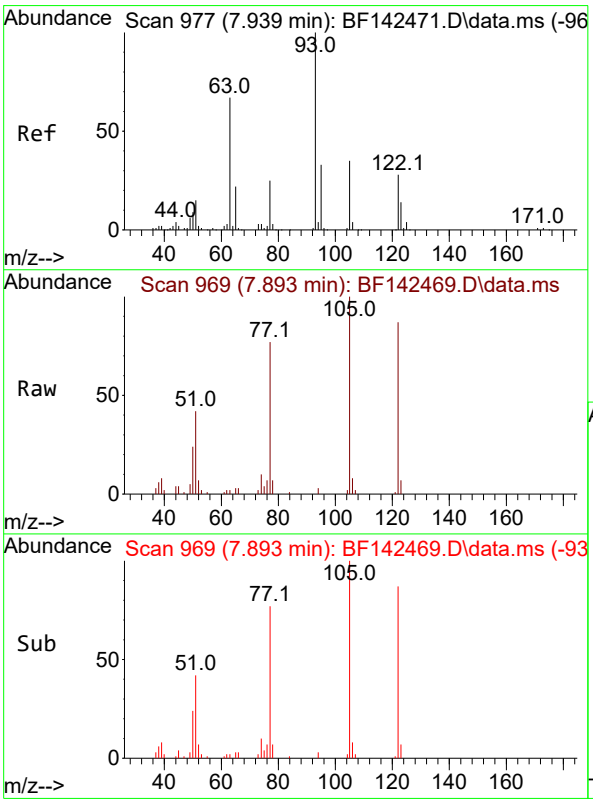
#31
Naphthalene
Concen: 10.364 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 186515

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.5	15.7

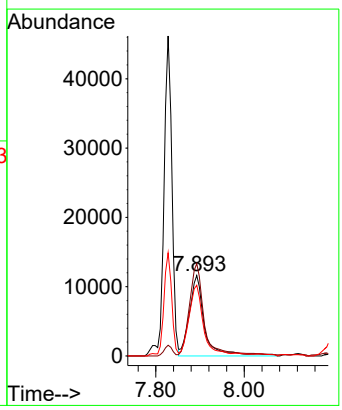


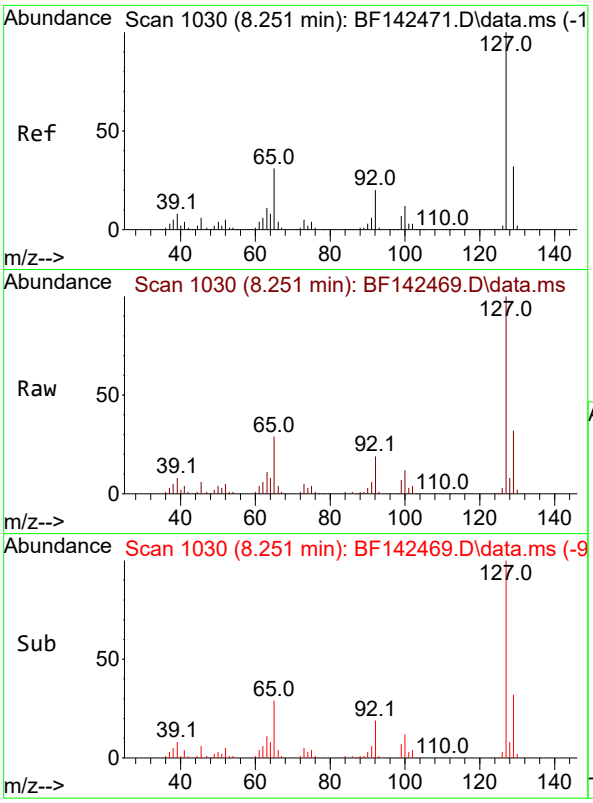


#32
Benzoic acid
Concen: 8.062 ng m
RT: 7.893 min Scan# 969
Delta R.T. -0.082 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:122 Resp: 27956

Ion	Ratio	Lower	Upper
122	100		
105	114.9	101.7	141.7
77	87.9	69.5	109.5



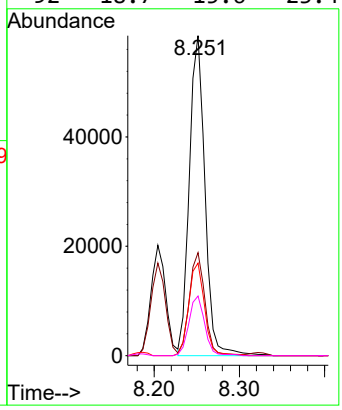


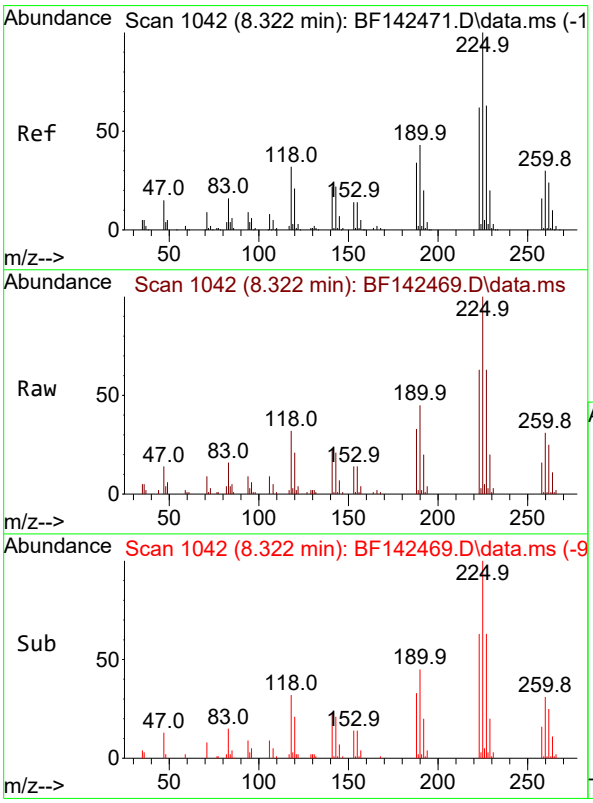
#33
4-Chloroaniline
Concen: 10.258 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 74805

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.0	24.9	37.3
92	18.7	15.6	23.4

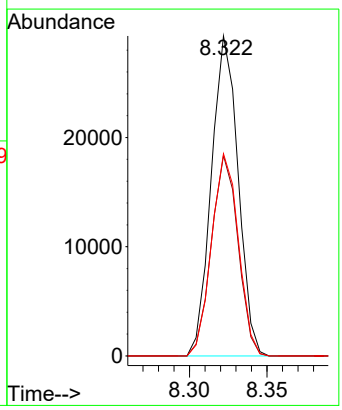


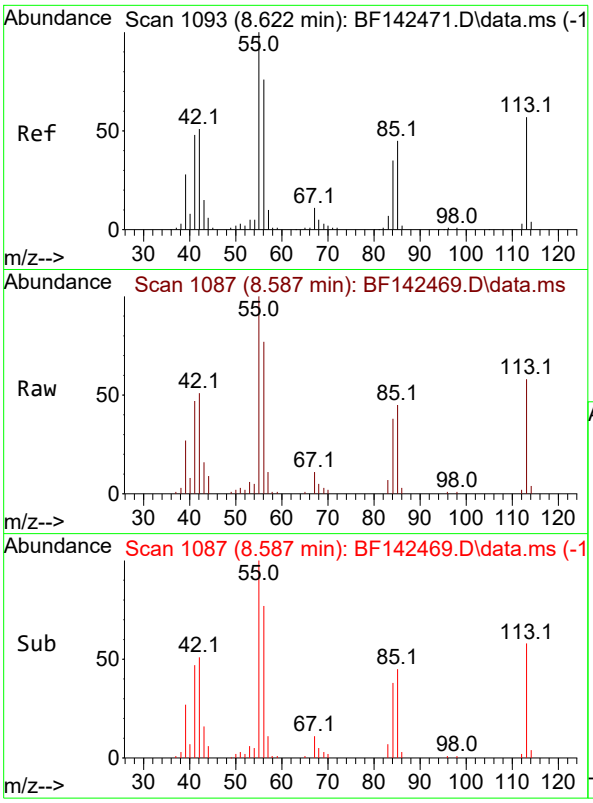


#34
Hexachlorobutadiene
Concen: 10.016 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:225 Resp: 35161

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.2	50.3	75.5



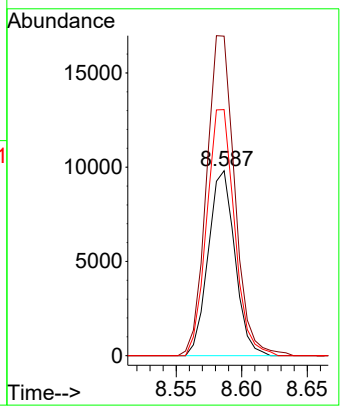


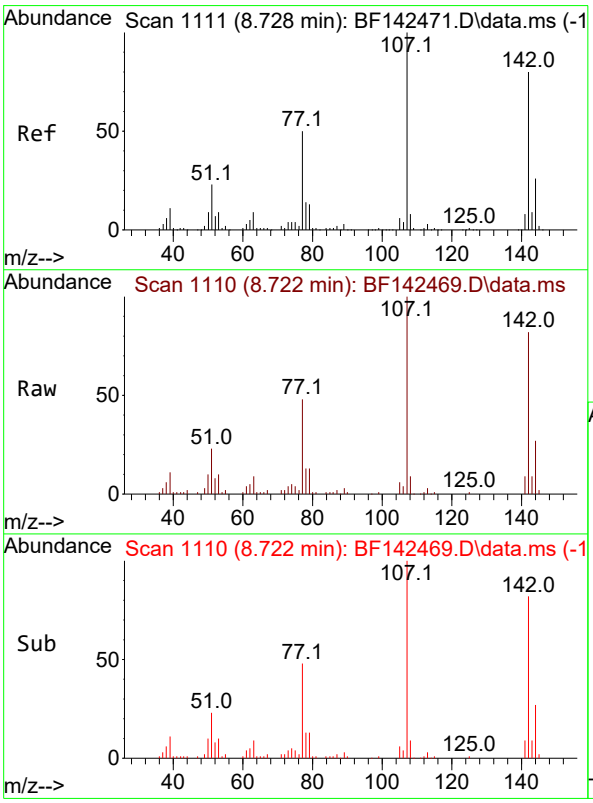
#35
Caprolactam
Concen: 9.527 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 13862

Ion	Ratio	Lower	Upper
113	100		
55	172.8	154.7	194.7
56	133.0	113.2	153.2

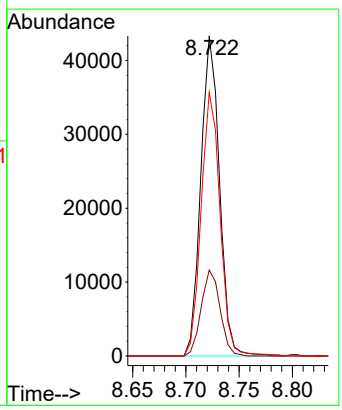


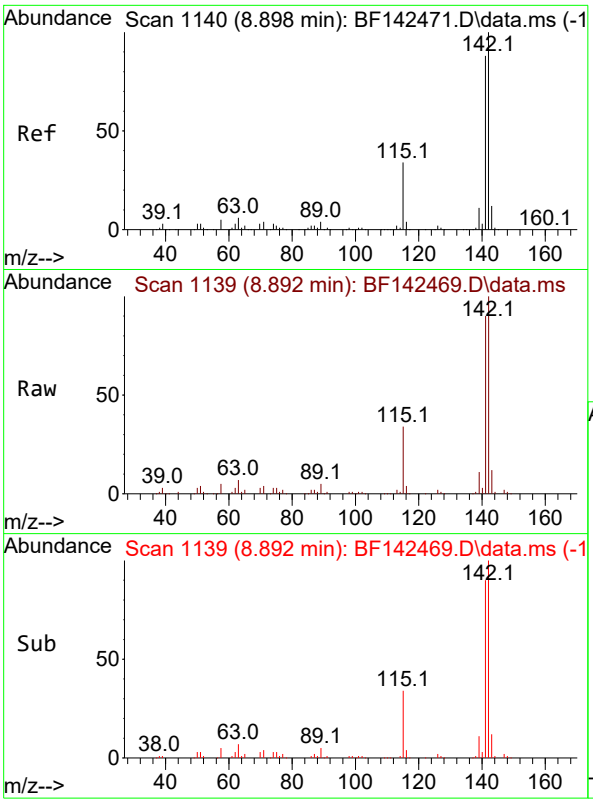


#36
4-Chloro-3-methylphenol
Concen: 9.968 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:107 Resp: 52919

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.9	31.3
142	82.4	64.2	96.2



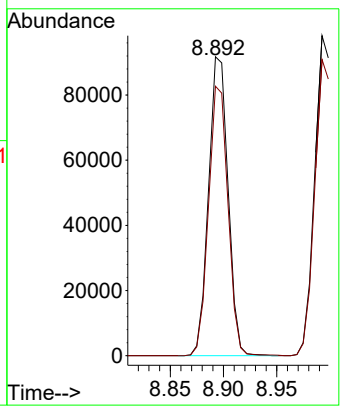


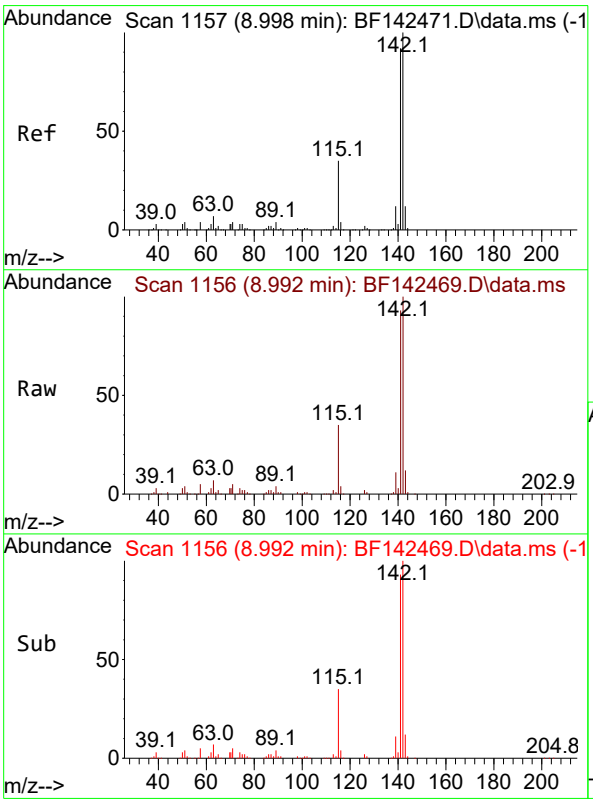
#37
2-Methylnaphthalene
Concen: 10.298 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 116592

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.7	106.1

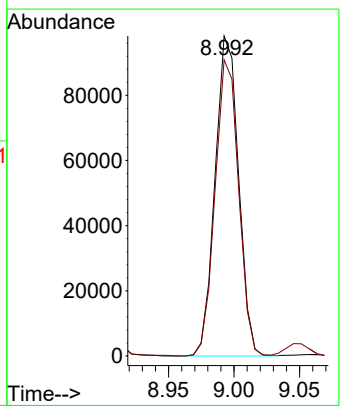


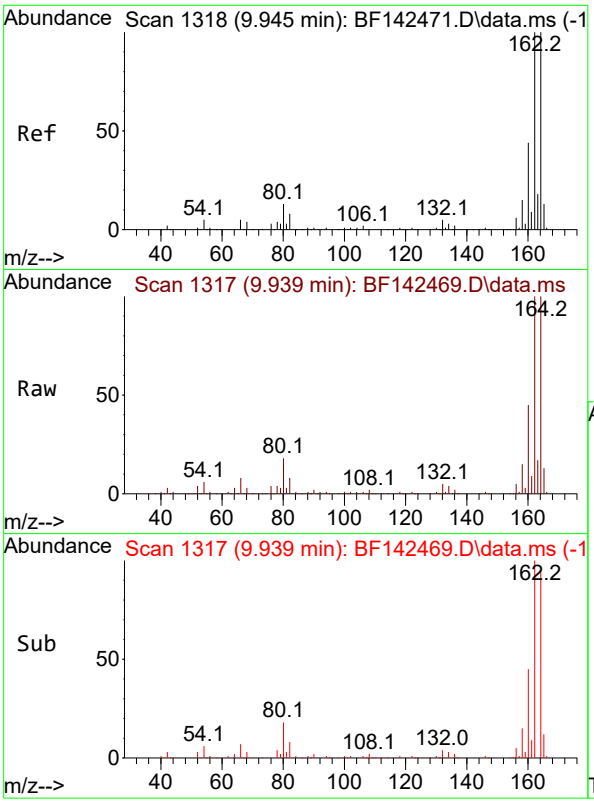


#38
1-Methylnaphthalene
Concen: 10.429 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:142 Resp: 122130

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.2



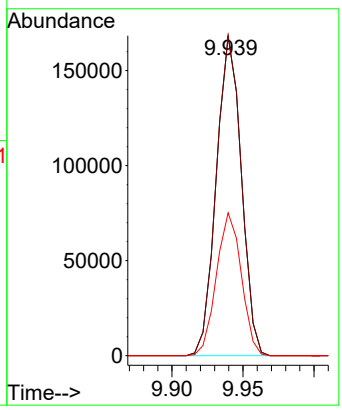


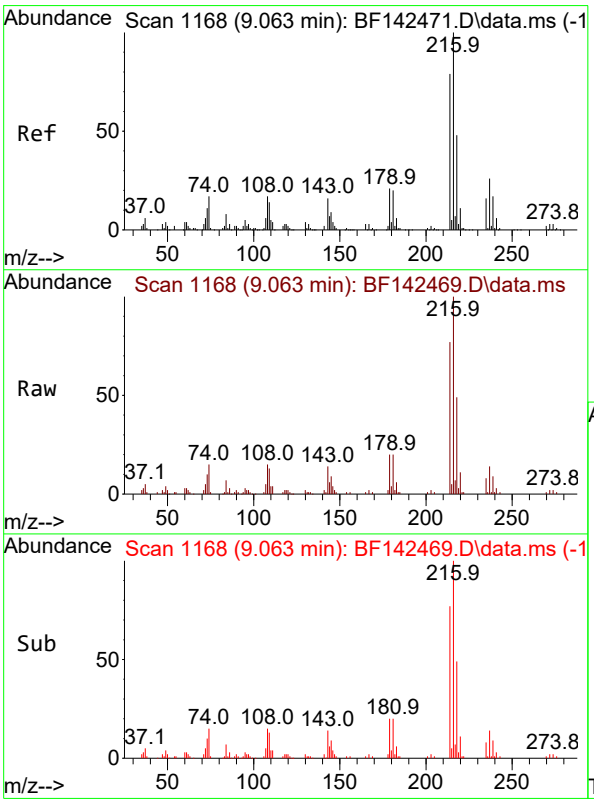
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 205654

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	44.7	35.6	53.4

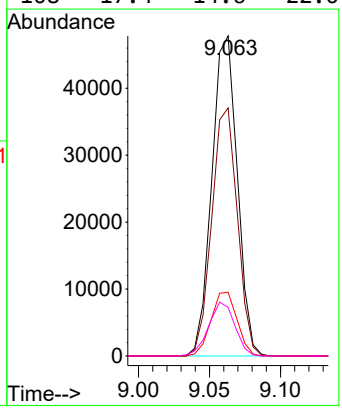


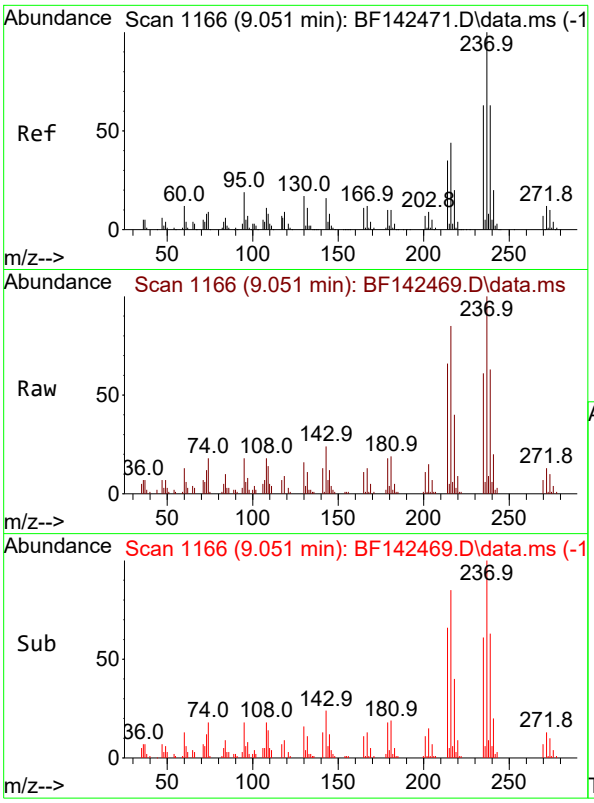


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.097 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:216 Resp: 59609

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.9	94.3
179	20.4	16.9	25.3
108	17.4	14.6	22.0



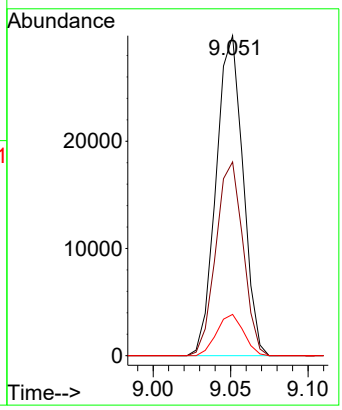


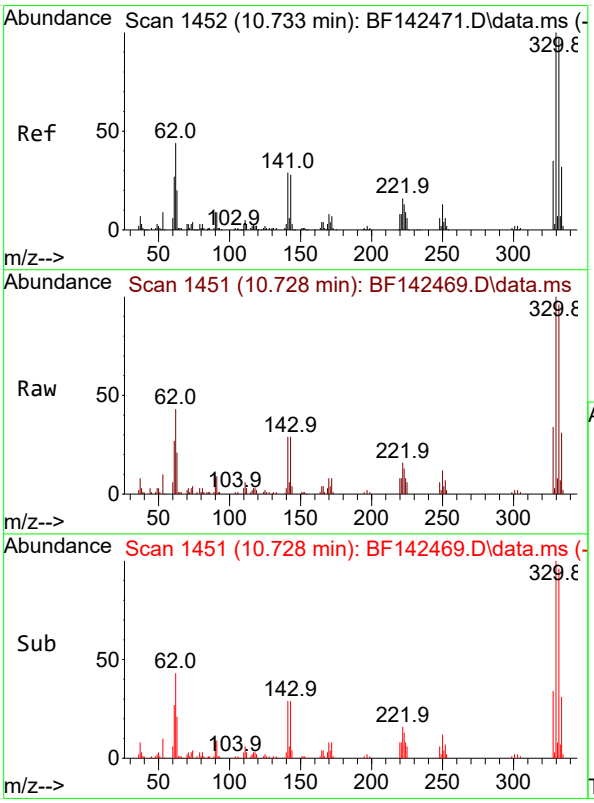
#41
Hexachlorocyclopentadiene
Concen: 9.044 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 36016

Ion	Ratio	Lower	Upper
237	100		
235	60.5	43.3	83.3
272	12.9	0.0	32.4

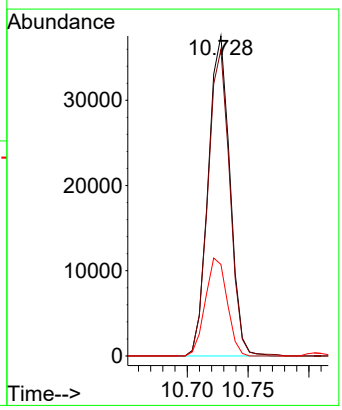


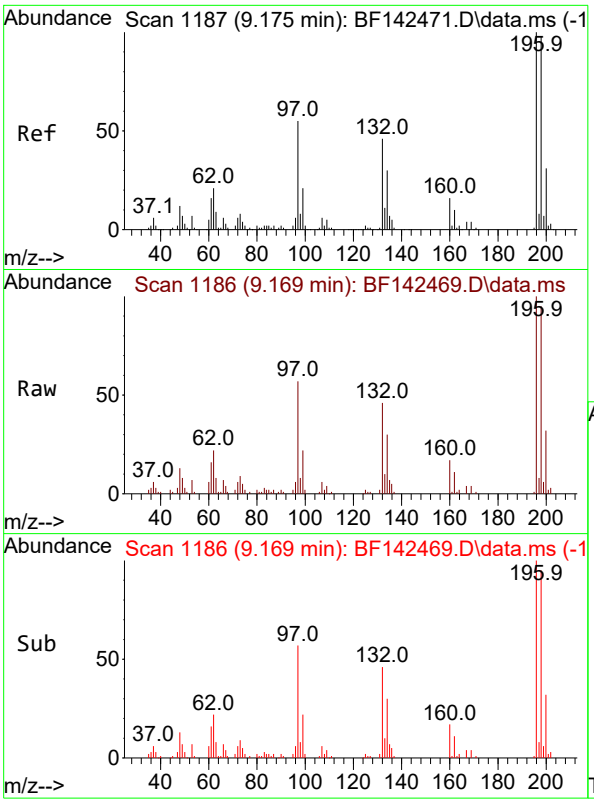


#42
2,4,6-Tribromophenol
Concen: 20.276 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:330 Resp: 46280

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.8	24.6	36.8



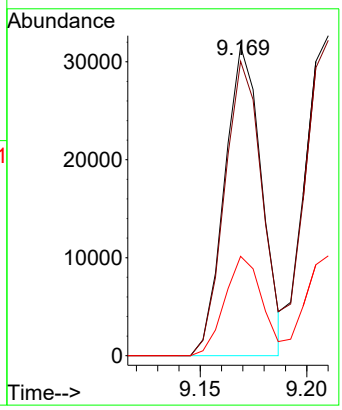


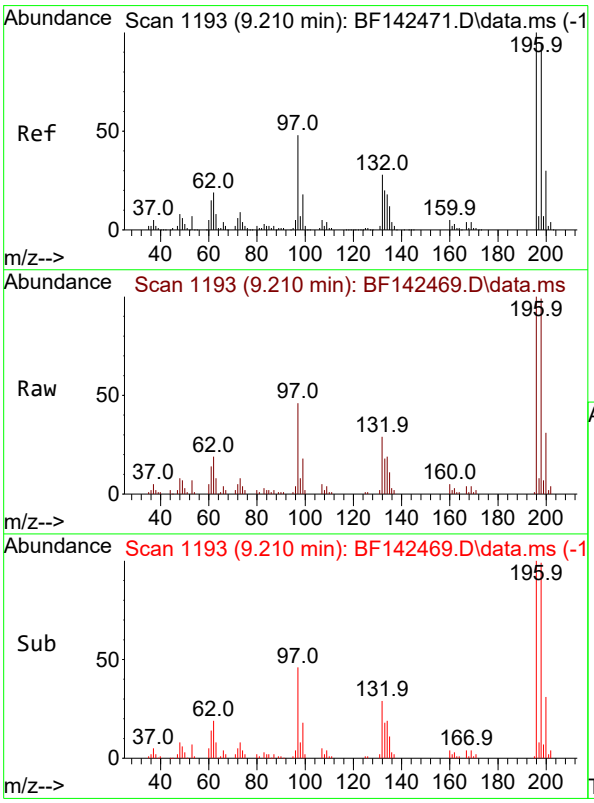
#43
2,4,6-Trichlorophenol
Concen: 9.635 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 38354

Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.8	118.2
200	32.1	24.9	37.3

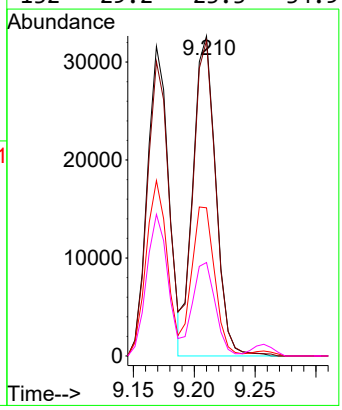


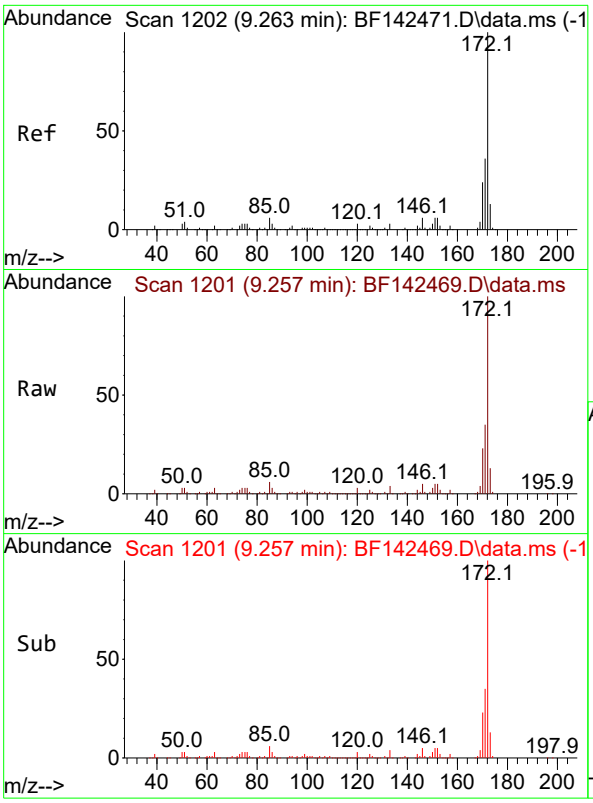


#44
2,4,5-Trichlorophenol
Concen: 10.069 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:196 Resp: 42272

Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.5	113.3
97	46.3	39.3	58.9
132	29.2	23.3	34.9



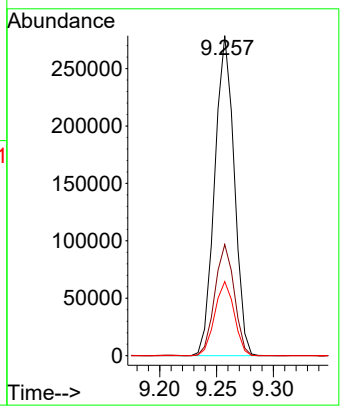


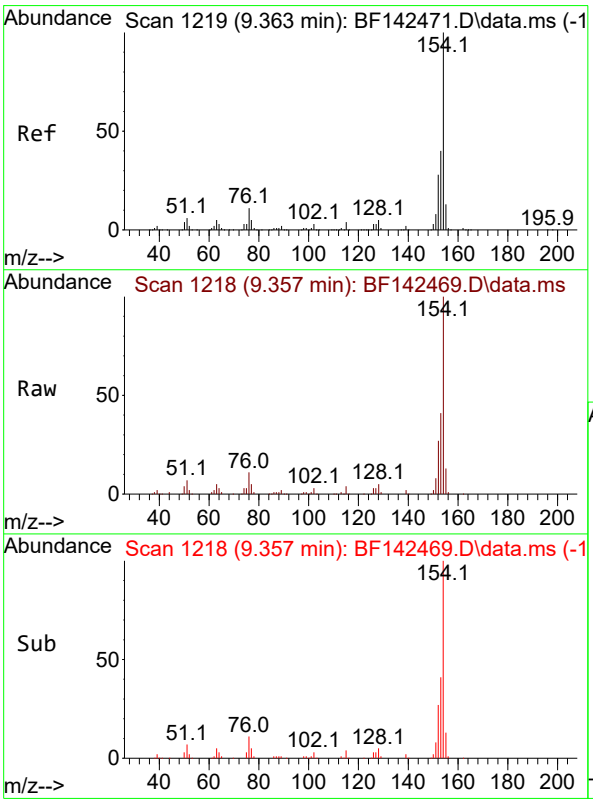
#45
2-Fluorobiphenyl
Concen: 21.719 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 332871

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.2	18.9	28.3

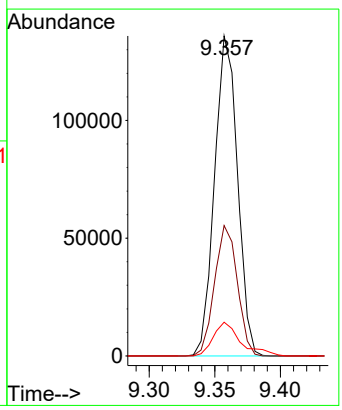


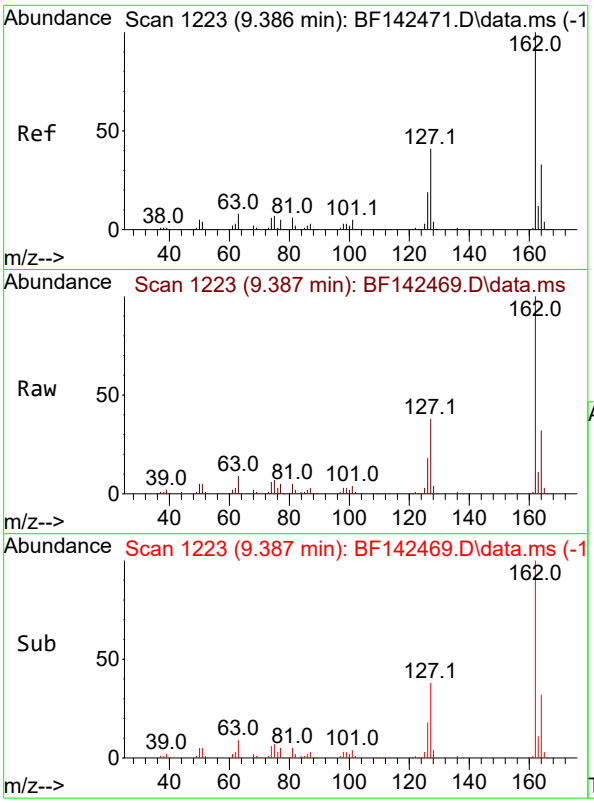


#46
1,1'-Biphenyl
Concen: 10.346 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 165063

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	10.6	0.0	30.8



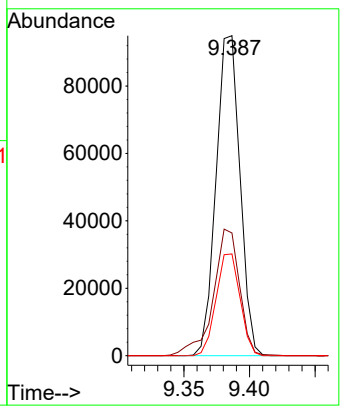


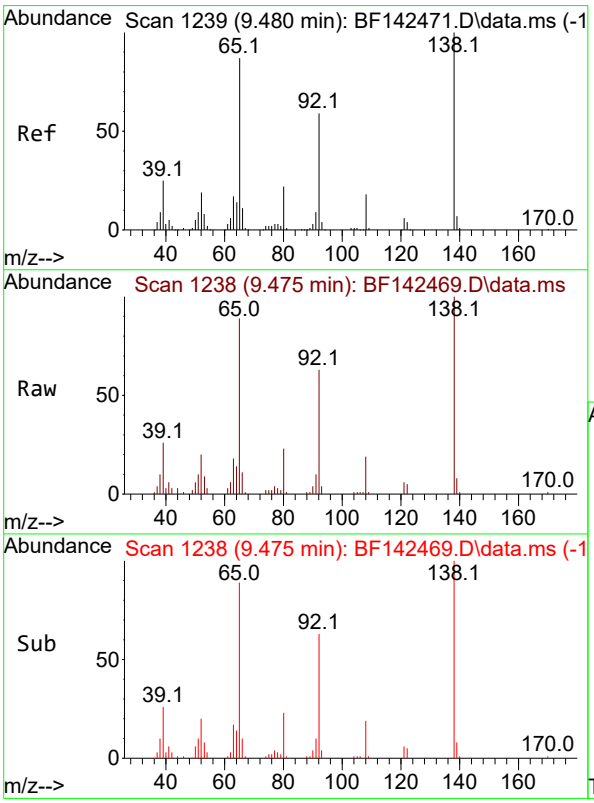
#47
2-Chloronaphthalene
Concen: 10.208 ng
RT: 9.387 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 120339

Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.5	50.3
164	31.8	26.1	39.1

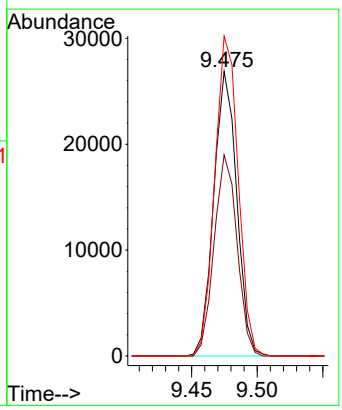


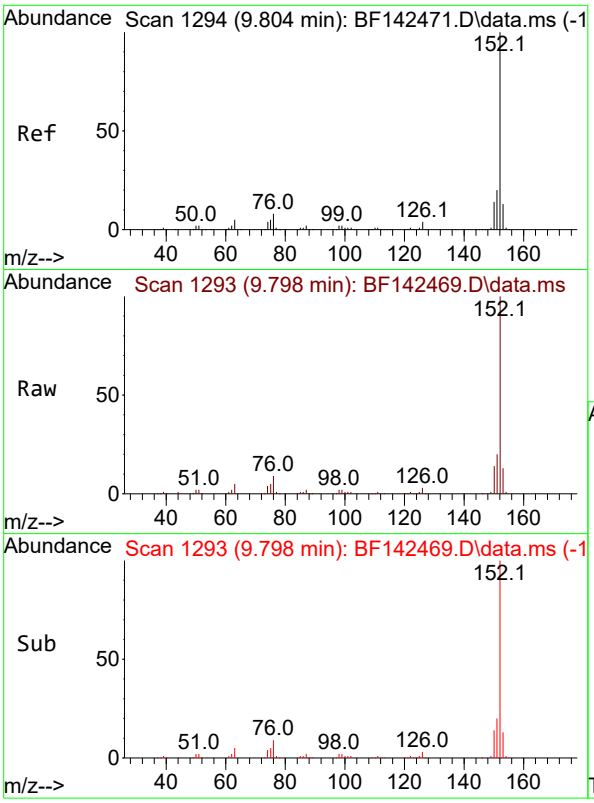


#48
2-Nitroaniline
Concen: 9.604 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 65 Resp: 32722

Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.4	81.6
138	112.5	91.4	137.2



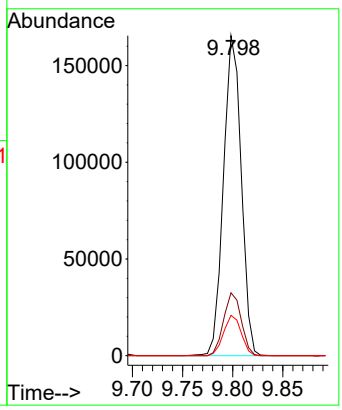


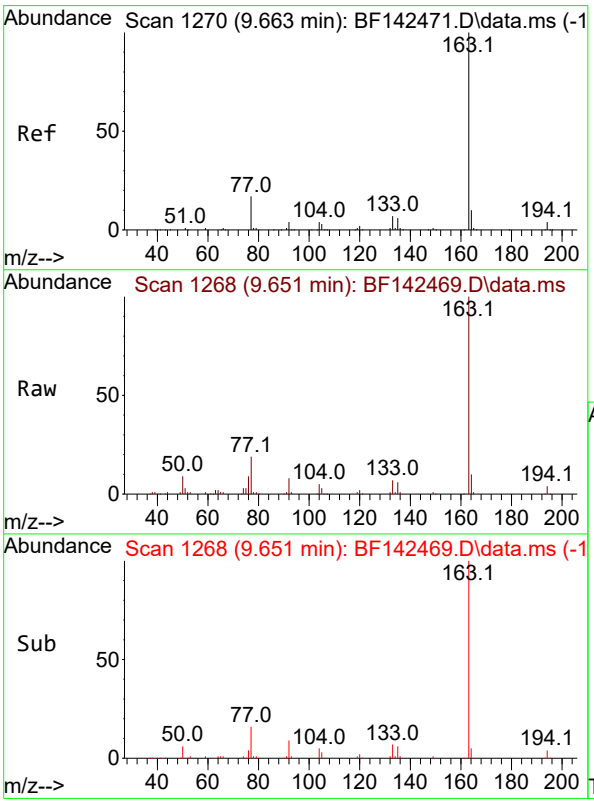
#49
Acenaphthylene
Concen: 10.237 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 203767

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.6	10.6	15.8

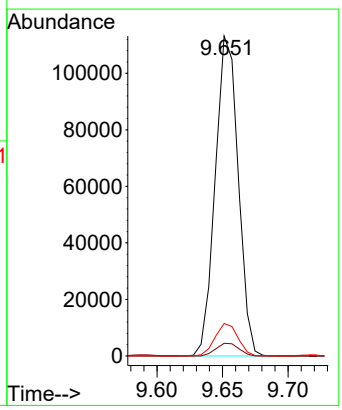


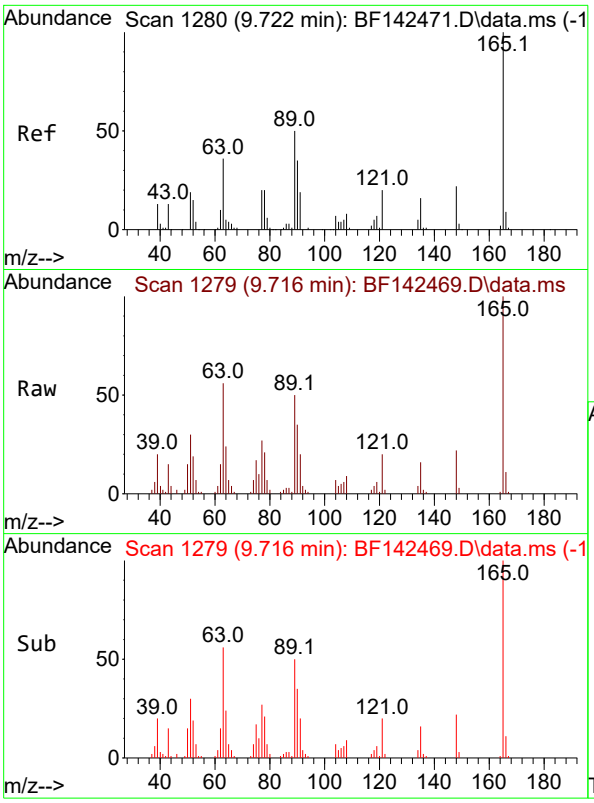


#50
Dimethylphthalate
Concen: 10.155 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:163 Resp: 137804

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.2	12.4



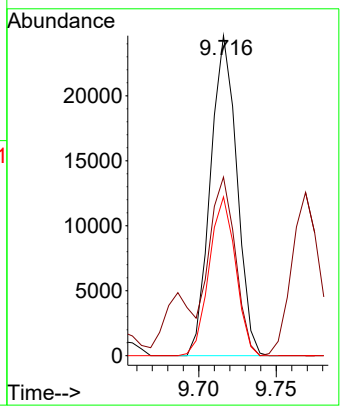


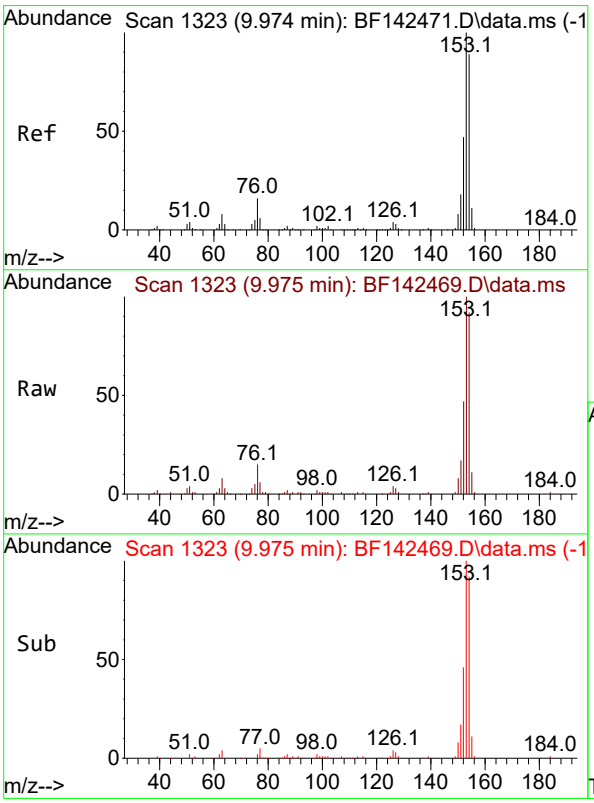
#51
2,6-Dinitrotoluene
Concen: 9.940 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 29112

Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.6	40.2	60.4

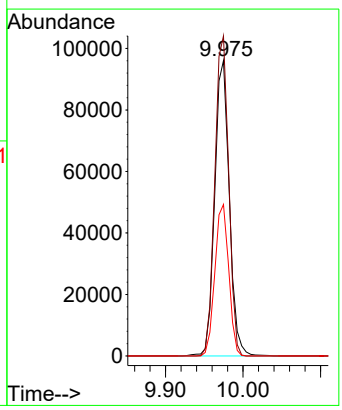


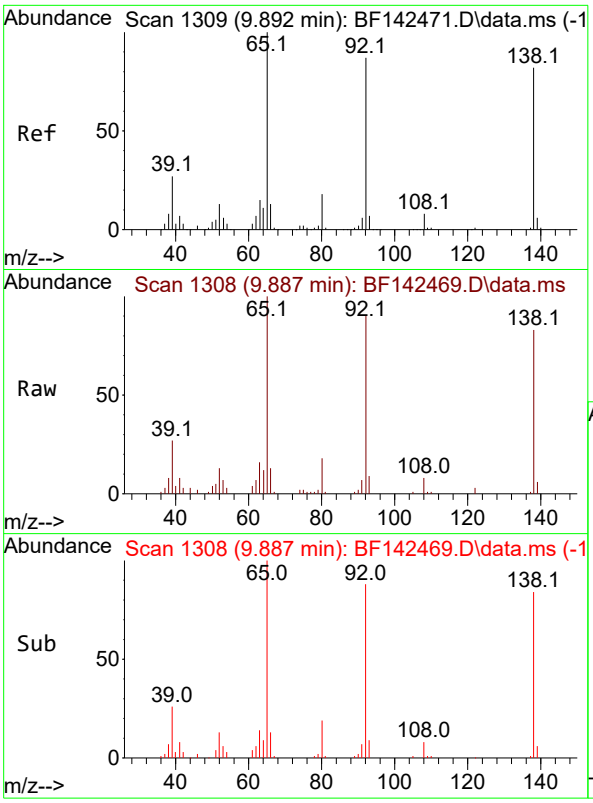


#52
Acenaphthene
Concen: 10.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 125669

Ion	Ratio	Lower	Upper
154	100		
153	108.4	90.0	135.0
152	51.3	42.6	64.0



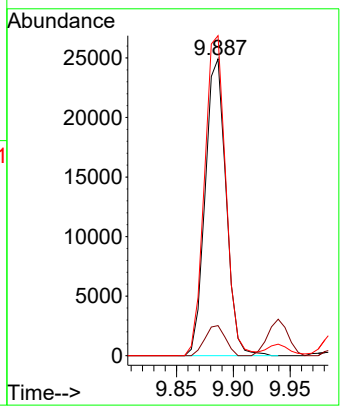


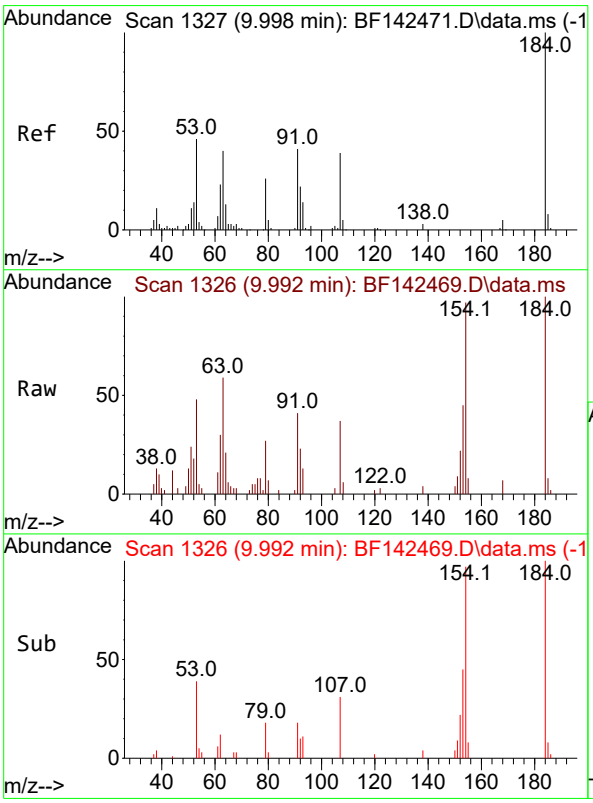
#53
3-Nitroaniline
Concen: 9.947 ng
RT: 9.887 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 31820

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	107.8	85.2	127.8

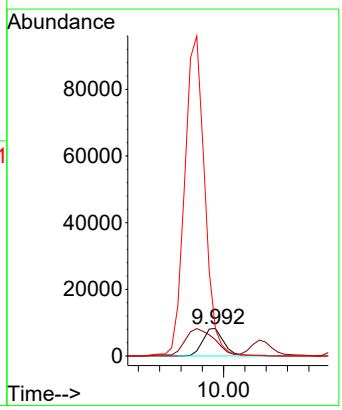


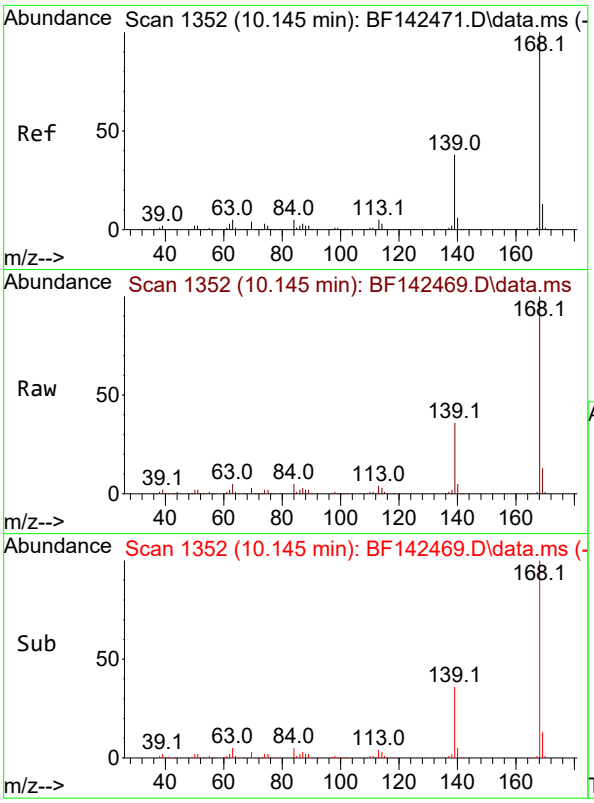


#54
2,4-Dinitrophenol
Concen: 7.502 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:184 Resp: 11352

Ion	Ratio	Lower	Upper
184	100		
63	58.7	46.3	69.5
154	97.5	56.8	85.2#



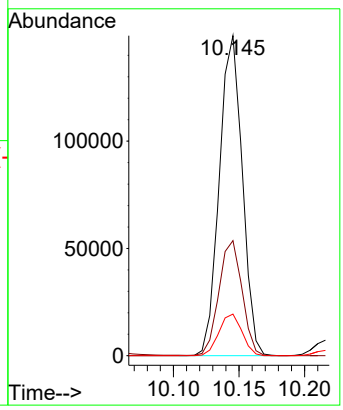


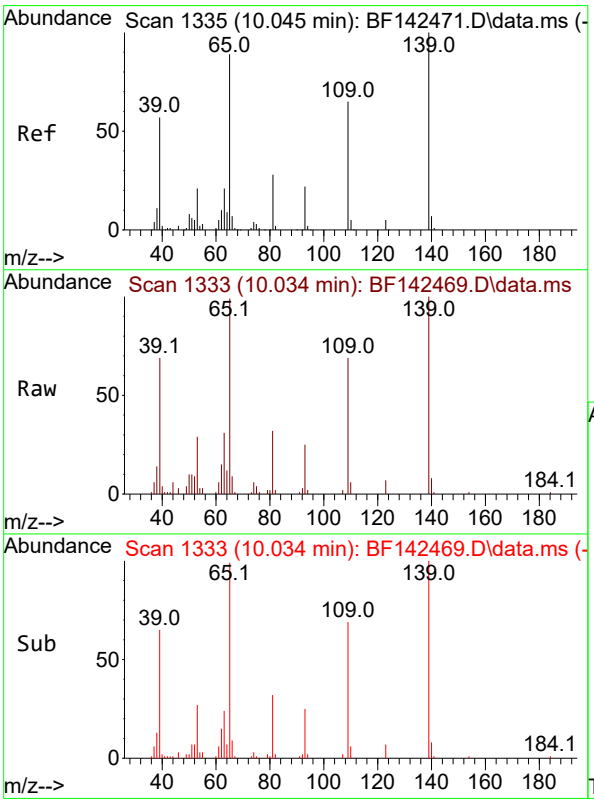
#55
Dibenzofuran
Concen: 10.380 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 181558

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.2	45.2
169	13.0	10.7	16.1

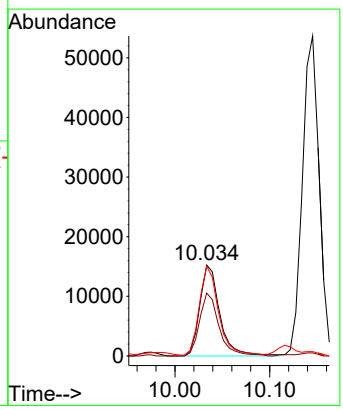


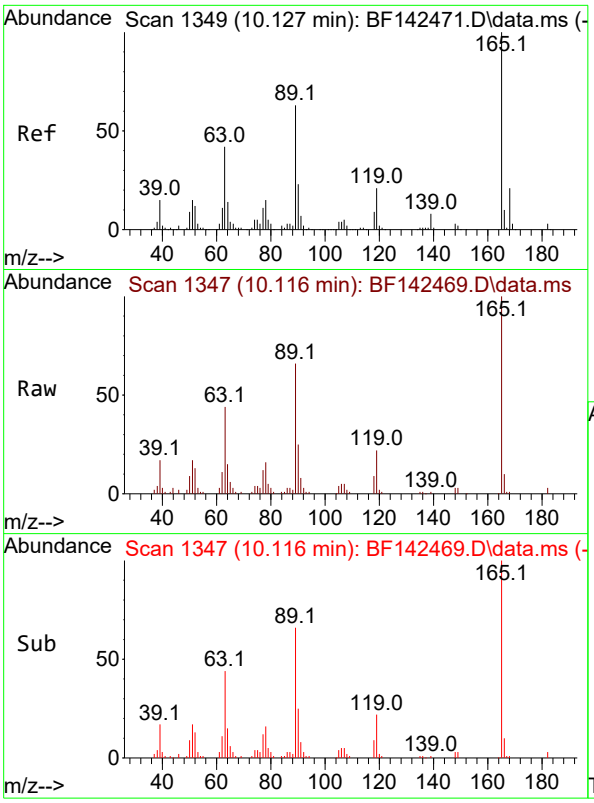


#56
4-Nitrophenol
Concen: 9.456 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:139 Resp: 22320

Ion	Ratio	Lower	Upper
139	100		
109	69.1	45.1	85.1
65	98.8	69.7	109.7



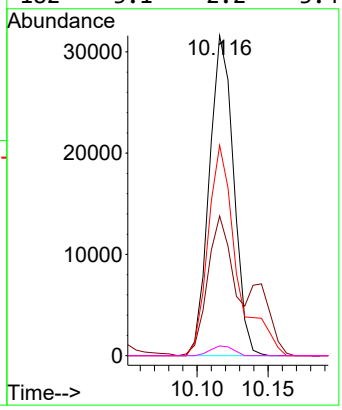


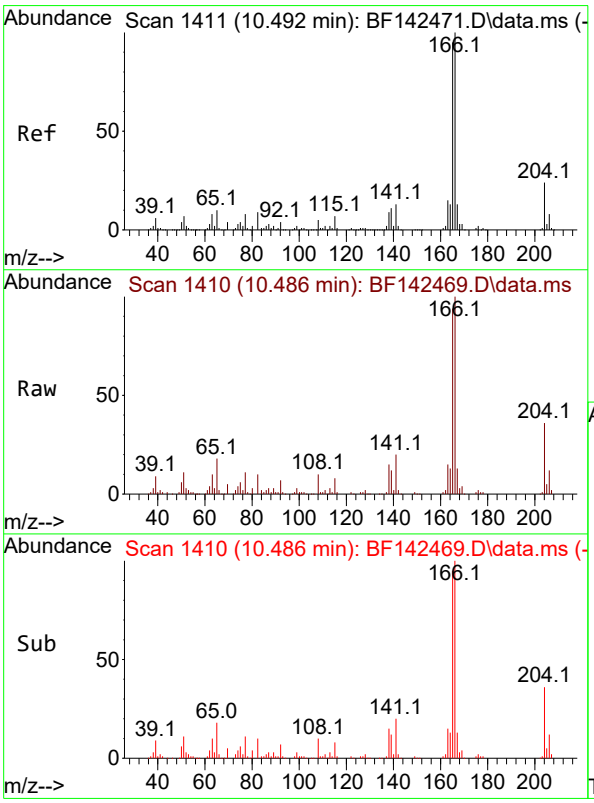
#57
2,4-Dinitrotoluene
Concen: 9.869 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 37749

Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.6	50.4
89	65.7	50.2	75.4
182	3.1	2.2	3.4

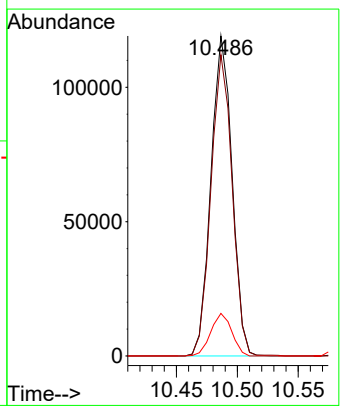


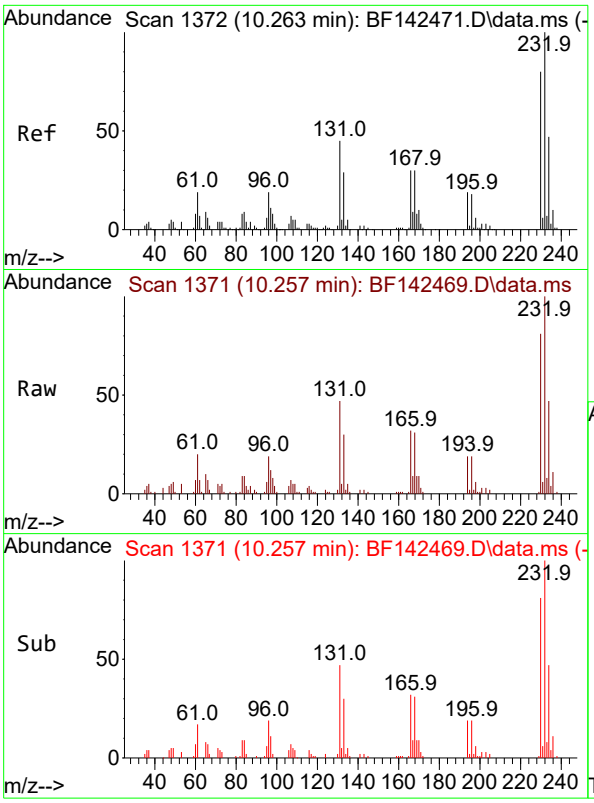


#58
Fluorene
Concen: 10.648 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:166 Resp: 143883

Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.8	113.8
167	13.3	10.6	16.0



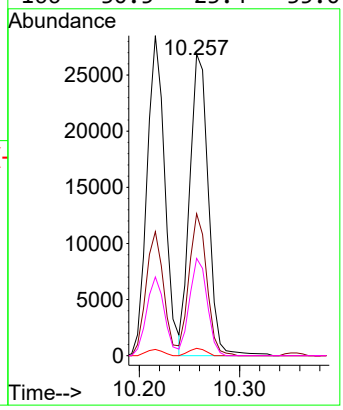


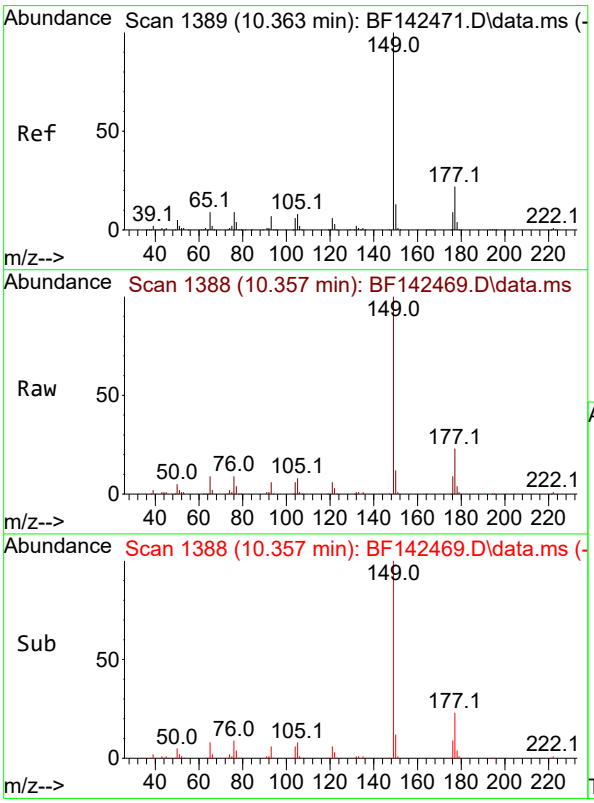
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.857 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 34548

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.2	52.8
130	2.2	1.7	2.5
166	30.5	23.4	35.0

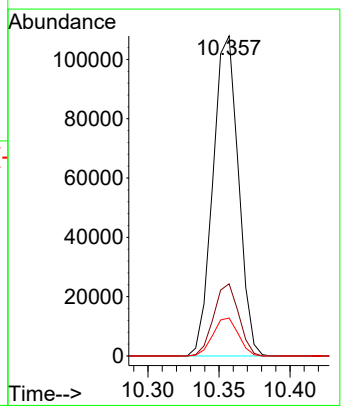


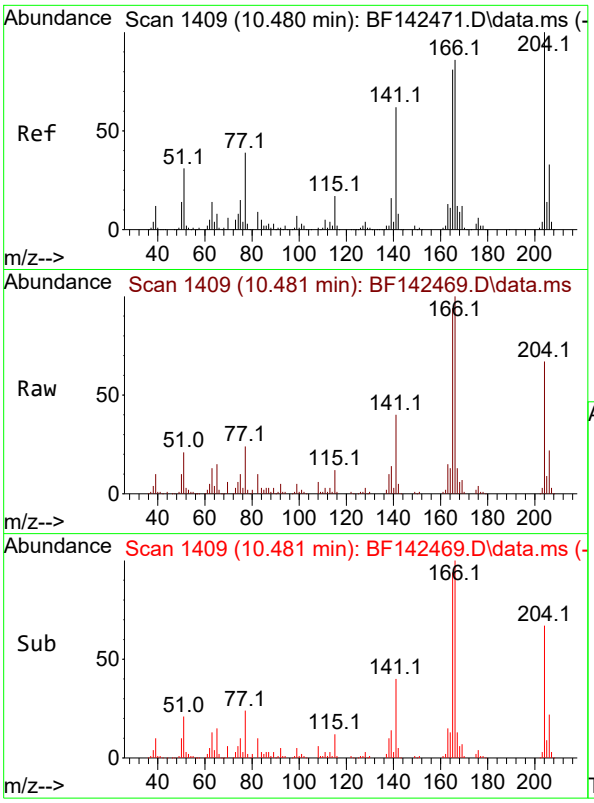


#60
Diethylphthalate
Concen: 10.161 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 134662

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	11.8	10.1	15.1



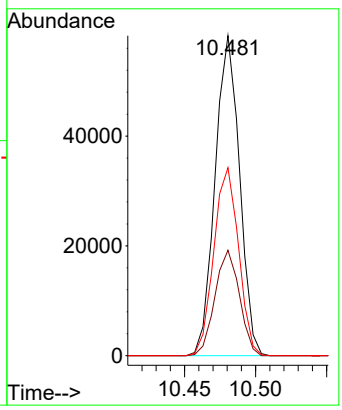


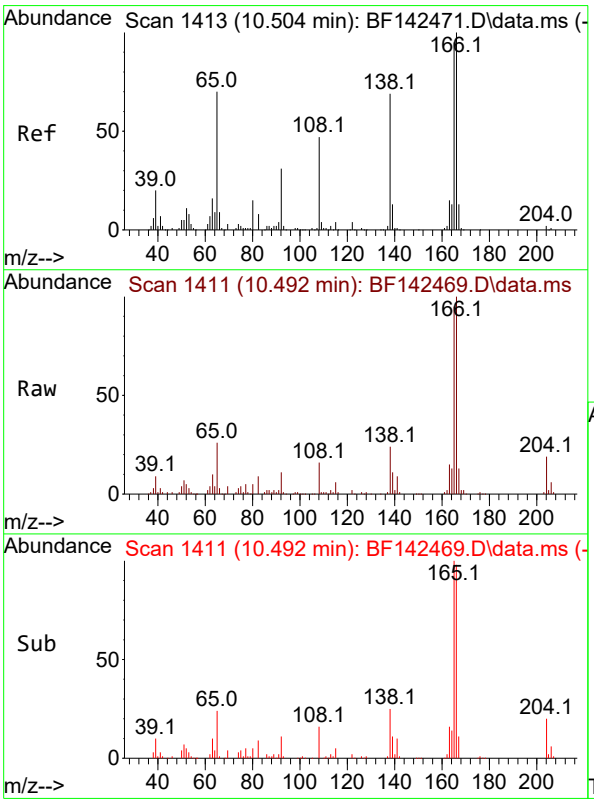
#61
4-Chlorophenyl-phenylether
Concen: 10.506 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 69739

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	58.7	49.5	74.3

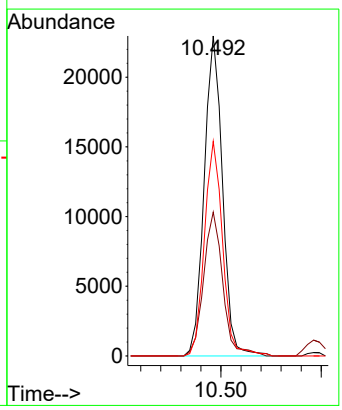


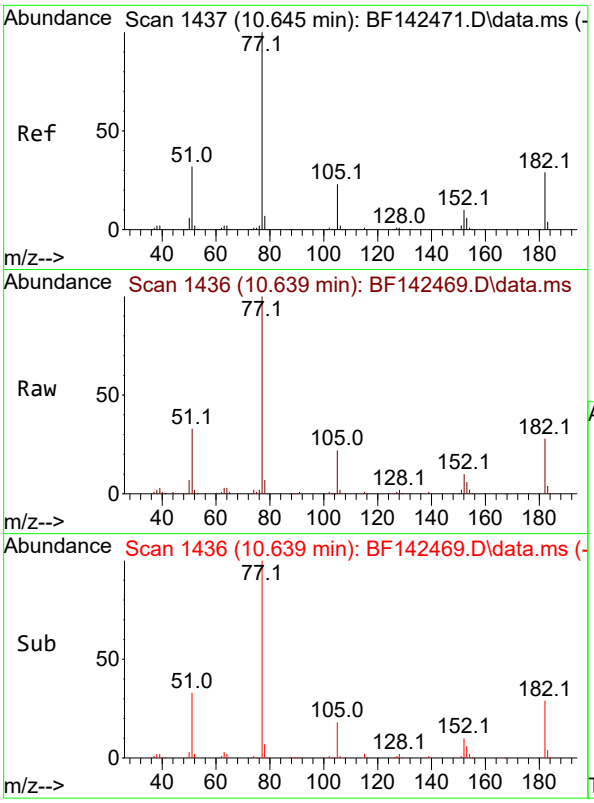


#62
4-Nitroaniline
Concen: 10.038 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:138 Resp: 29122

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	67.1	48.4	88.4



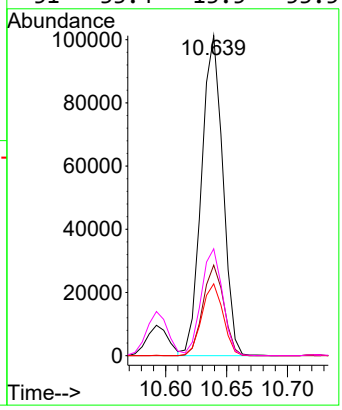


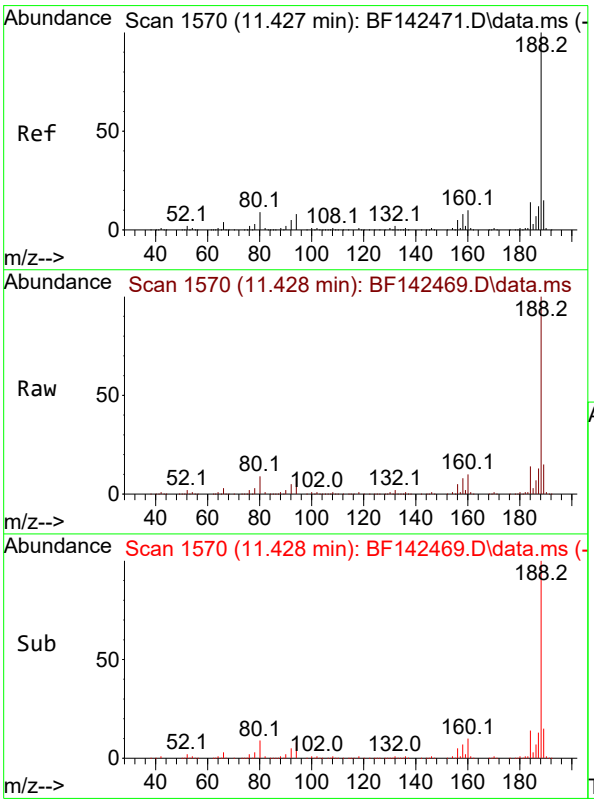
#63
Azobenzene
Concen: 10.317 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 122806

Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.0	49.0
105	22.5	2.4	42.4
51	33.4	13.5	53.5

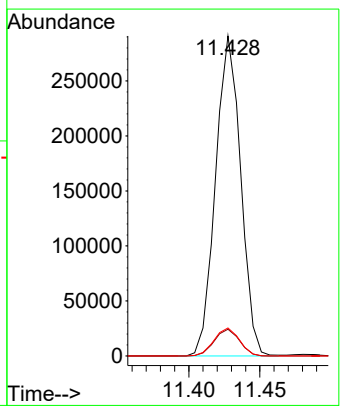


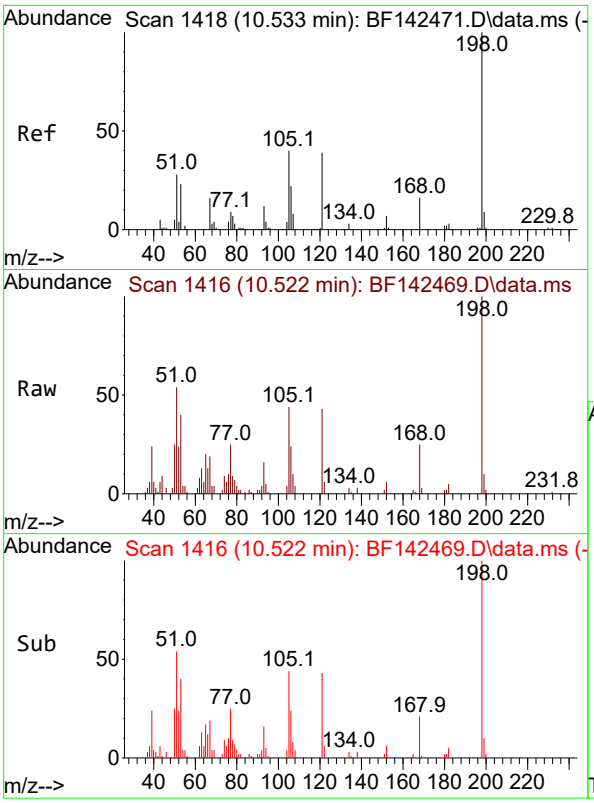


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:188 Resp: 357871

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.7	7.4	11.0



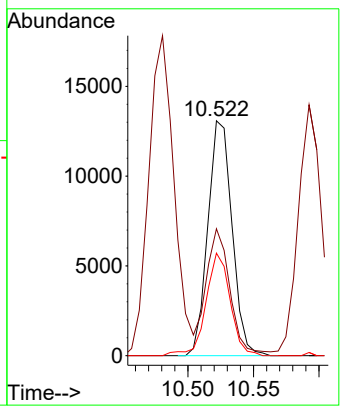


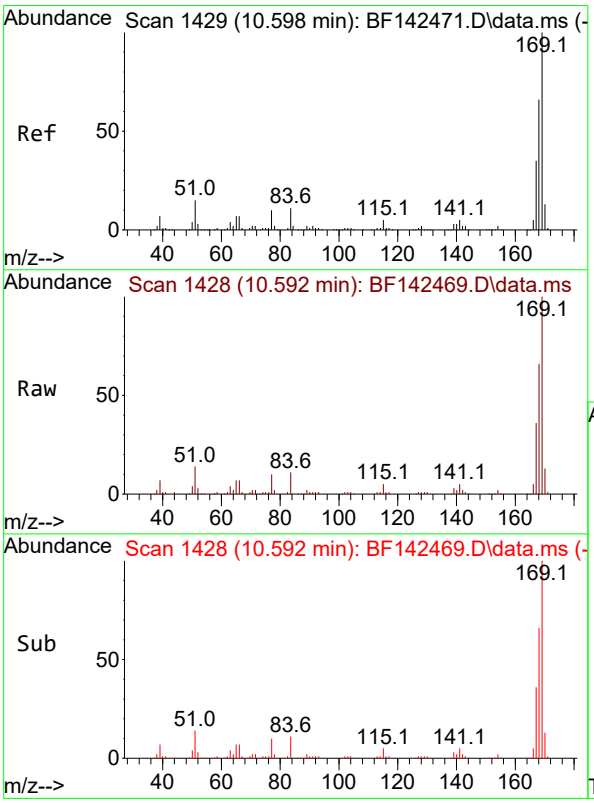
#65
4,6-Dinitro-2-methylphenol
Concen: 8.403 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 16782

Ion	Ratio	Lower	Upper
198	100		
51	54.0	28.3	68.3
105	43.7	21.3	61.3

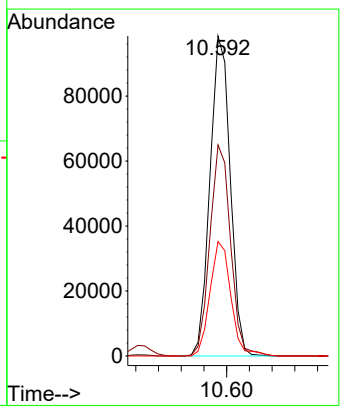


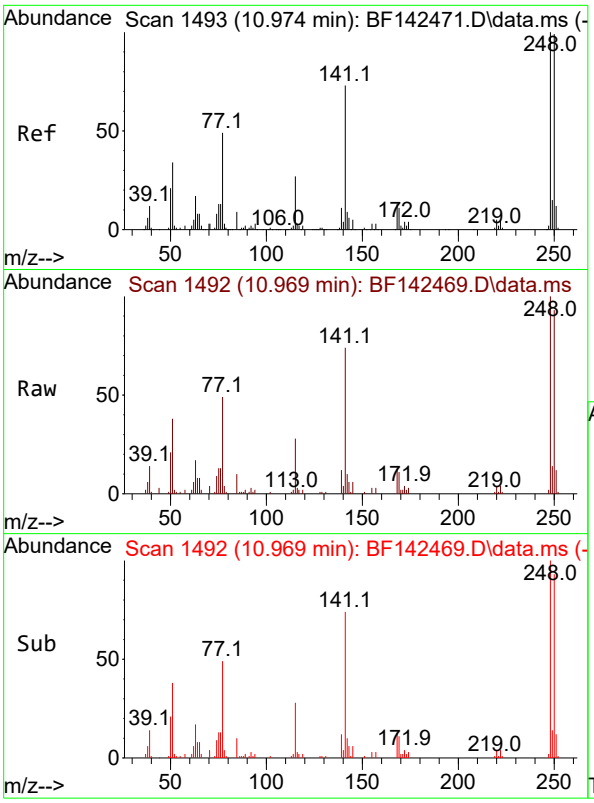


#66
n-Nitrosodiphenylamine
Concen: 9.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:169 Resp: 121959

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	35.8	28.3	42.5



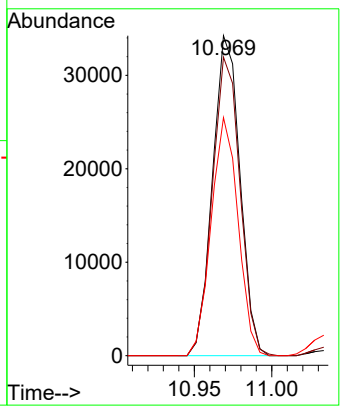


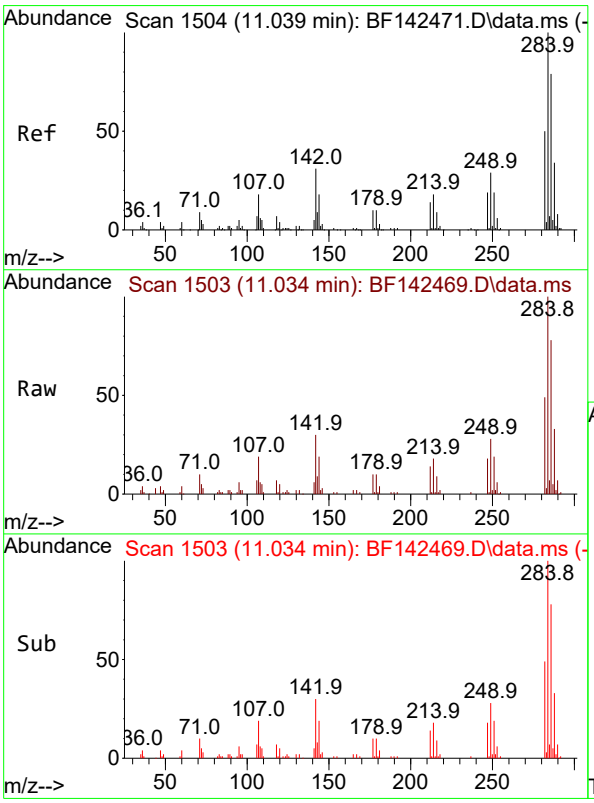
#67
4-Bromophenyl-phenylether
Concen: 9.939 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 42057

Ion	Ratio	Lower	Upper
248	100		
250	93.3	79.0	118.4
141	74.4	58.4	87.6

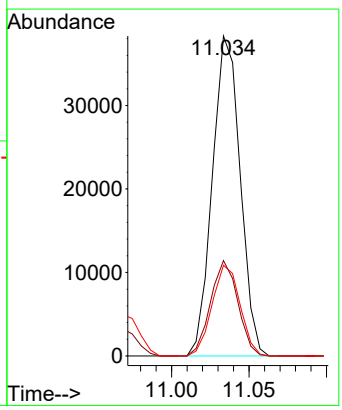


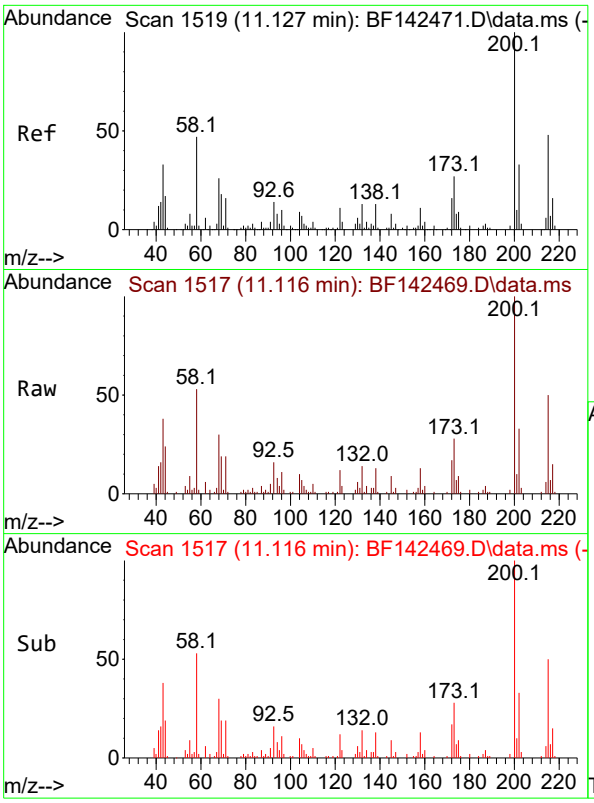


#68
Hexachlorobenzene
Concen: 10.207 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:284 Resp: 47773

Ion	Ratio	Lower	Upper
284	100		
142	29.8	24.8	37.2
249	28.4	23.6	35.4



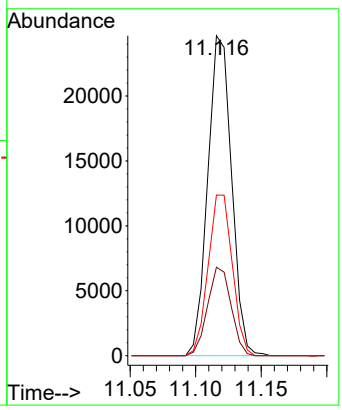


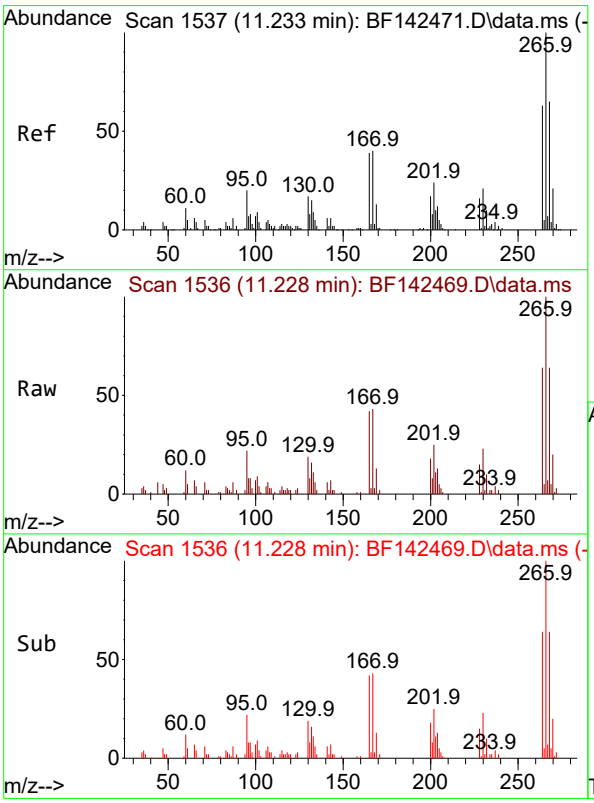
#69
Atrazine
Concen: 9.591 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 31184

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	50.2	28.5	68.5

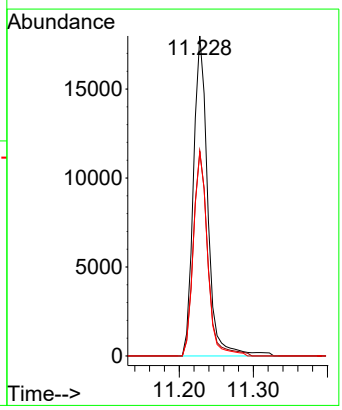


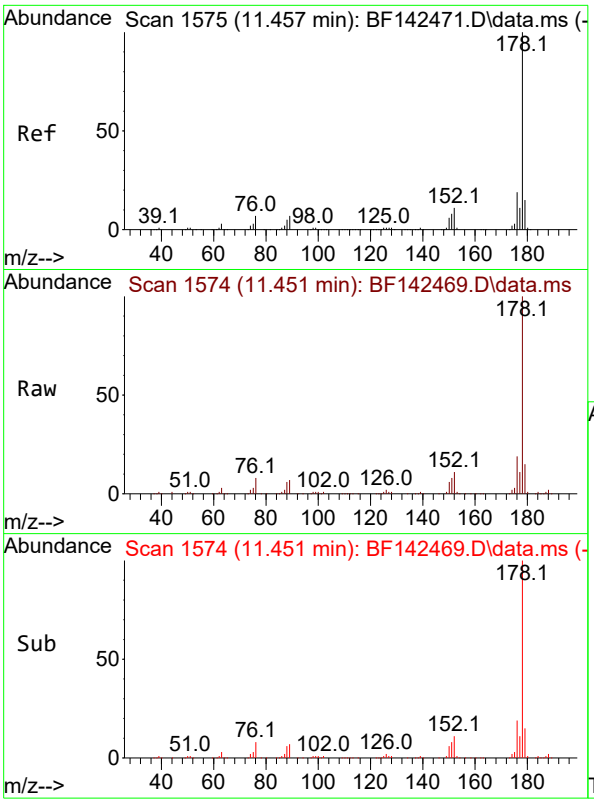


#70
Pentachlorophenol
Concen: 9.126 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:266 Resp: 24115

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.7	77.5
264	63.7	50.4	75.6



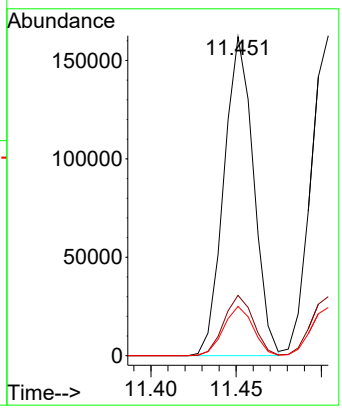


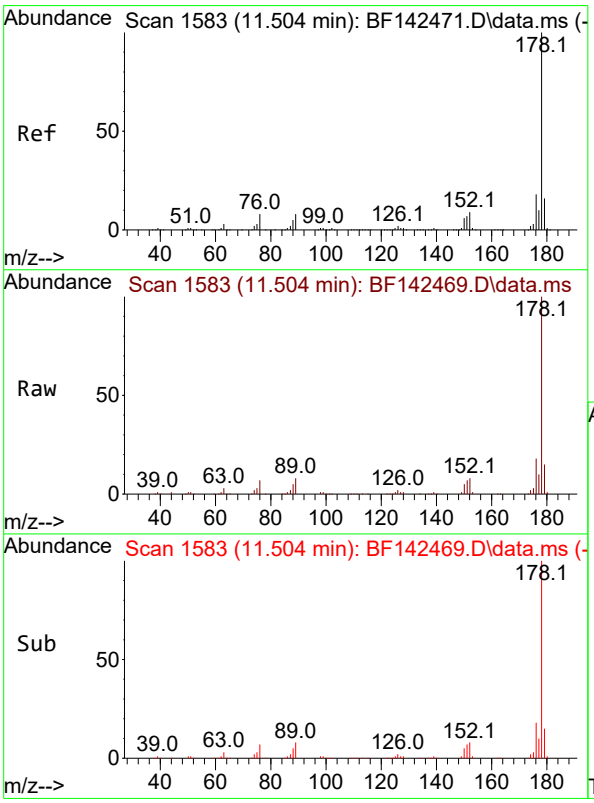
#71
Phenanthrene
Concen: 10.231 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 195667

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.3	18.5

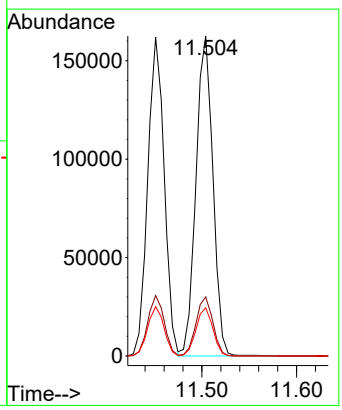


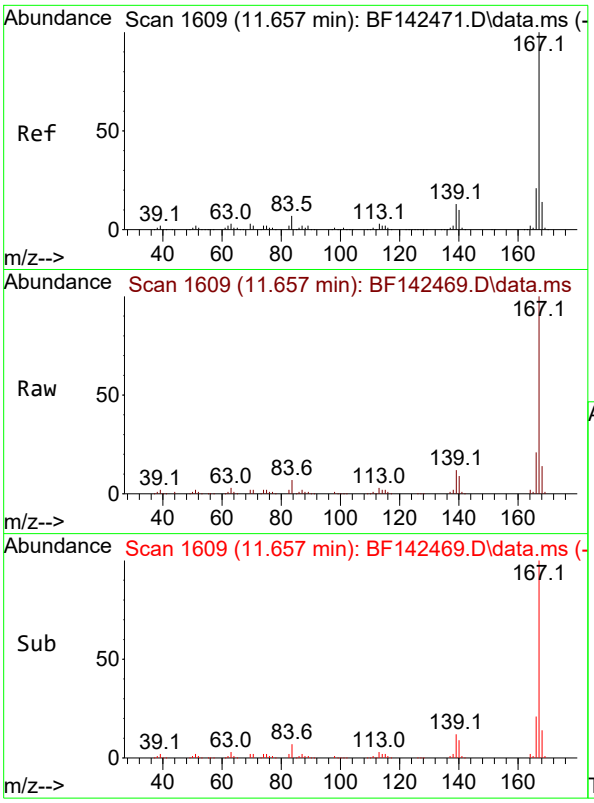


#72
Anthracene
Concen: 10.375 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:178 Resp: 202509

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.0	12.4	18.6



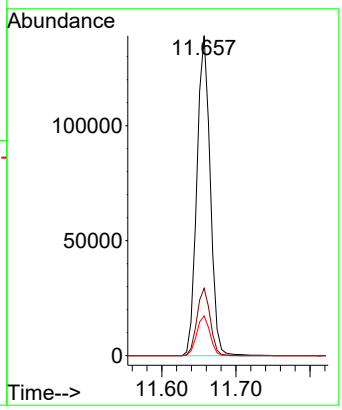


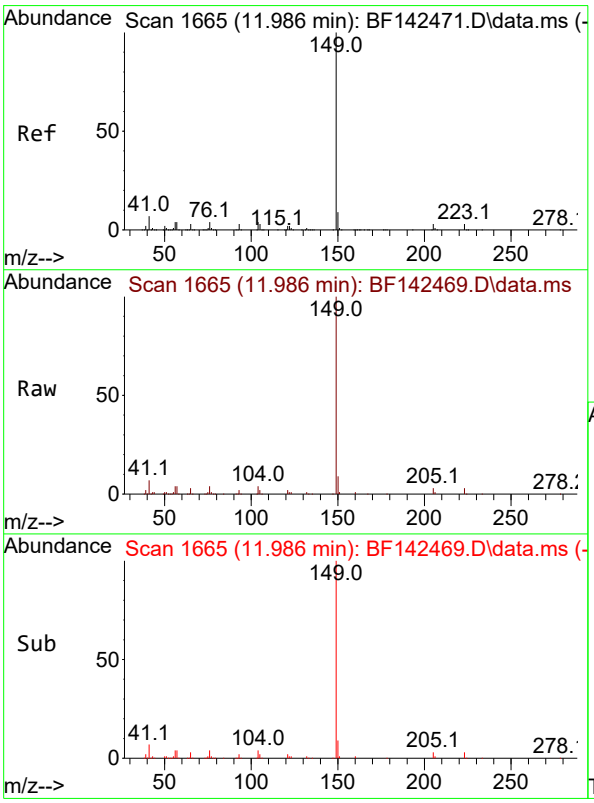
#73
Carbazole
Concen: 10.381 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 173217

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.9	25.3
139	12.5	10.2	15.4

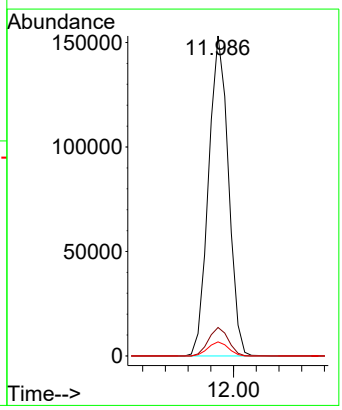


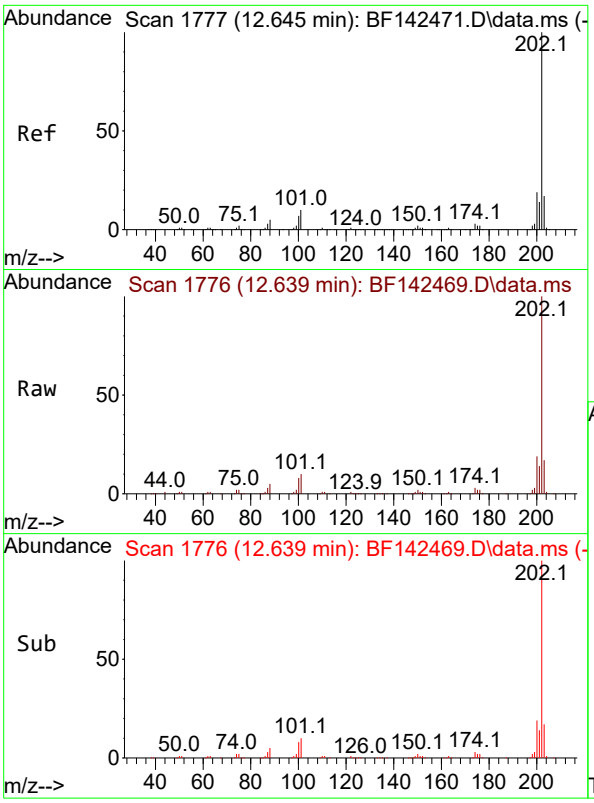


#74
Di-n-butylphthalate
Concen: 10.177 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 185880

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.4	3.6	5.4



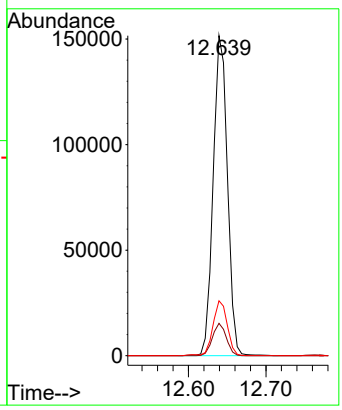


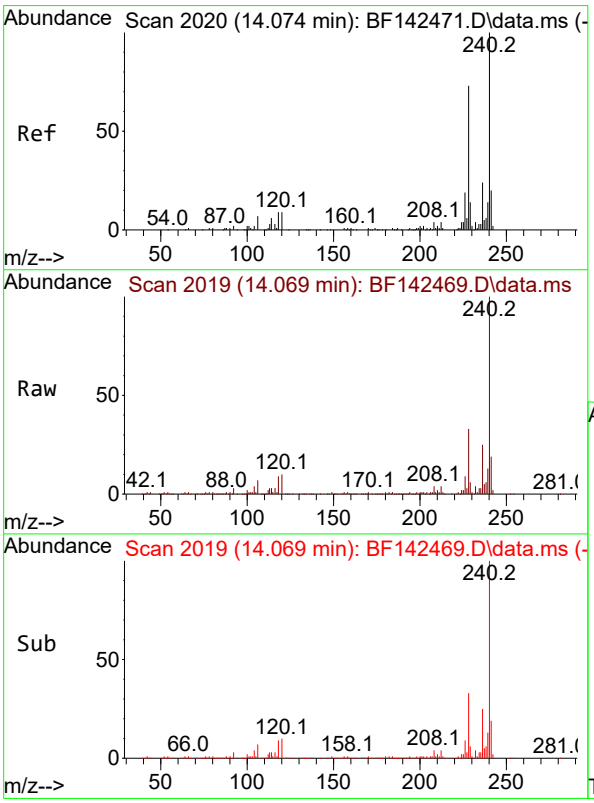
#75
Fluoranthene
Concen: 10.825 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 193456

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.6
203	17.2	0.0	37.2

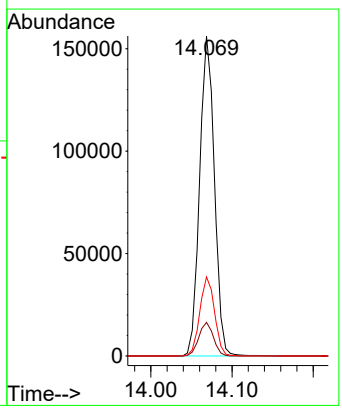


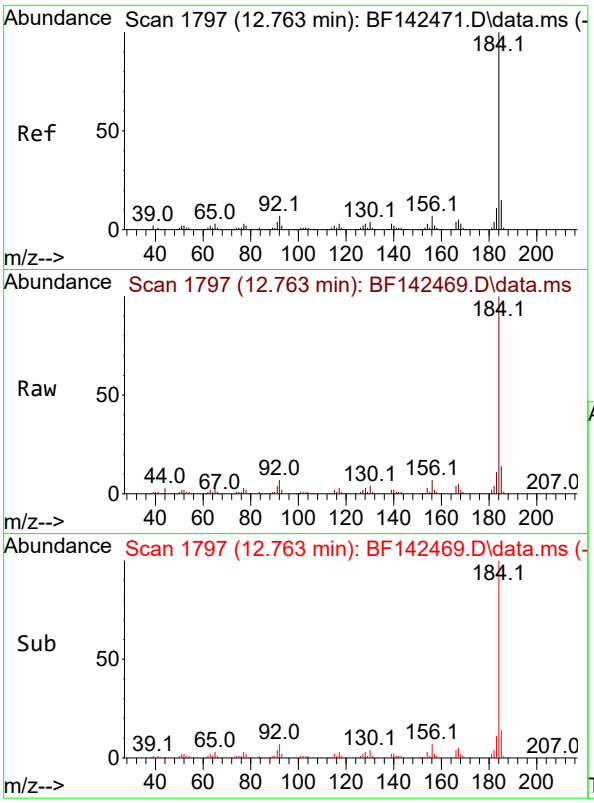


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:240 Resp: 197144

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	24.7	19.6	29.4



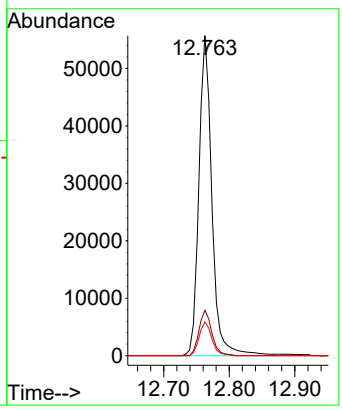


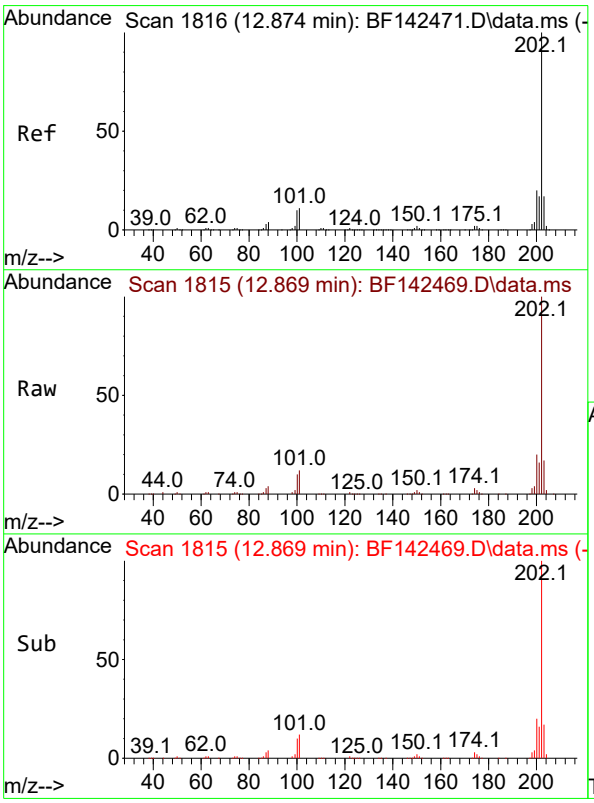
#77
Benzidine
Concen: 10.508 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 77091

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	10.6	9.0	13.4

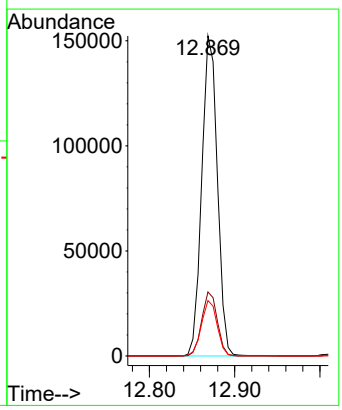


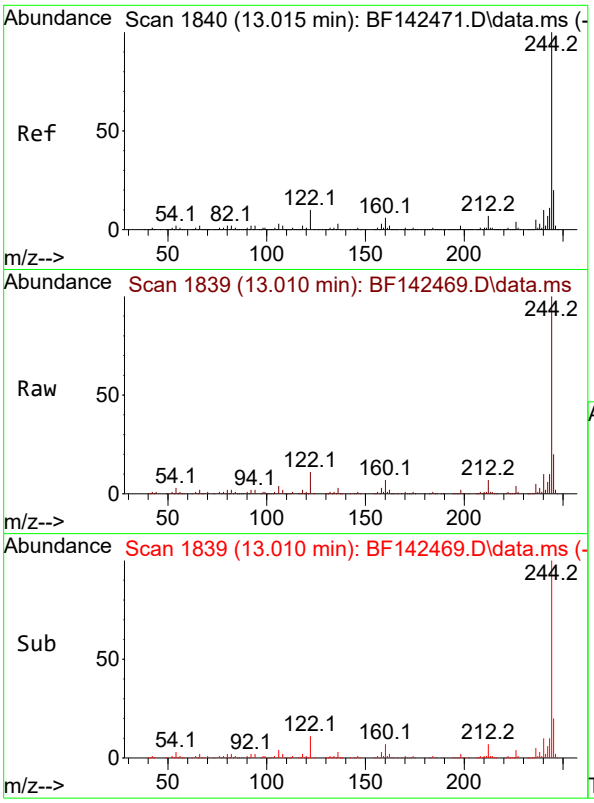


#78
Pyrene
Concen: 10.540 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:202 Resp: 193842

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	13.9	20.9



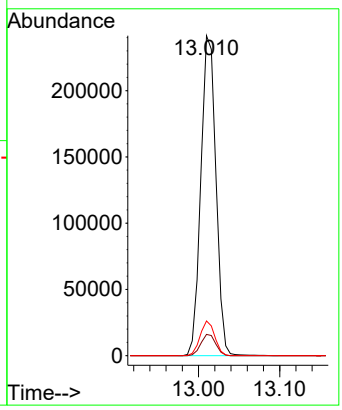


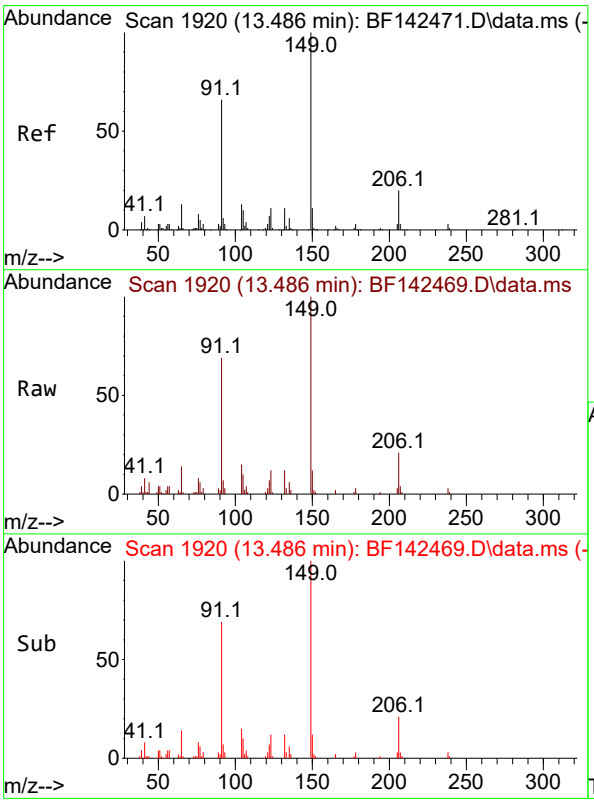
#79
Terphenyl-d14
Concen: 21.612 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 311785

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.9	8.2	12.2

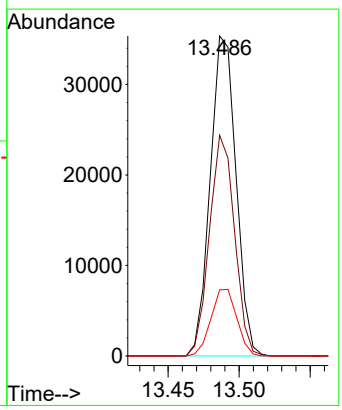


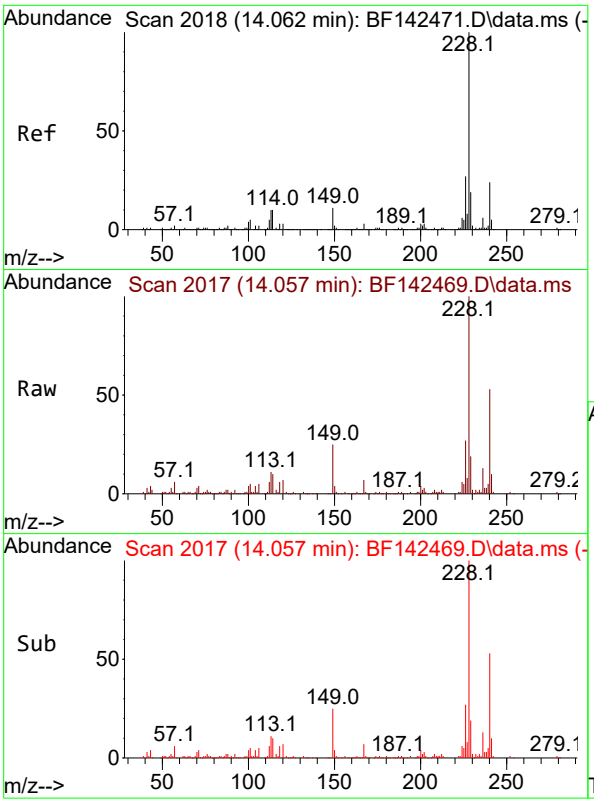


#80
Butylbenzylphthalate
Concen: 8.793 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 44682

Ion	Ratio	Lower	Upper
149	100		
91	69.0	52.9	79.3
206	20.6	16.2	24.2



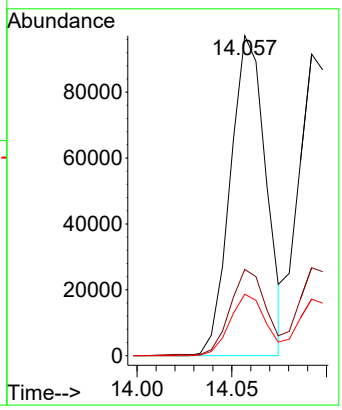


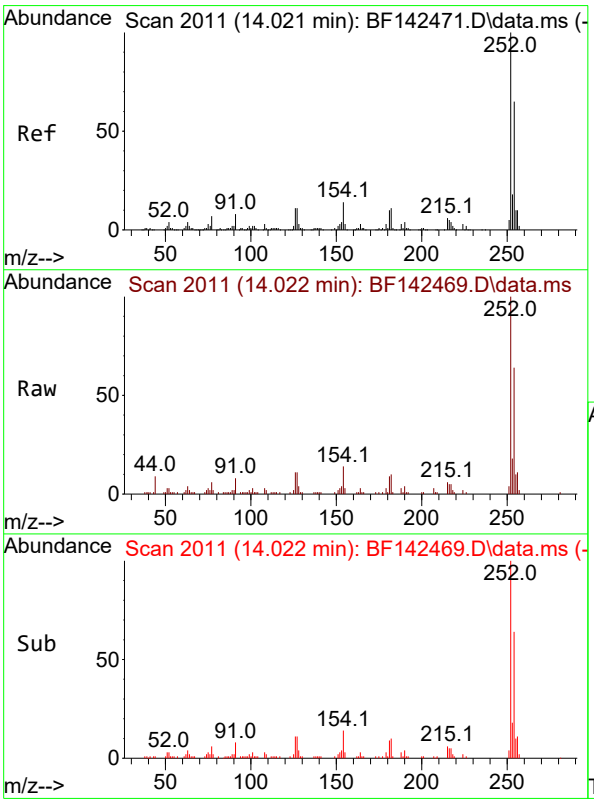
#81
Benzo(a)anthracene
Concen: 9.639 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 126886

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.2	15.5	23.3

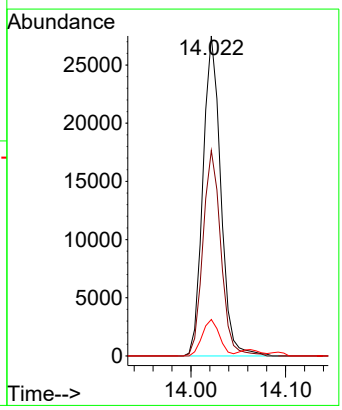


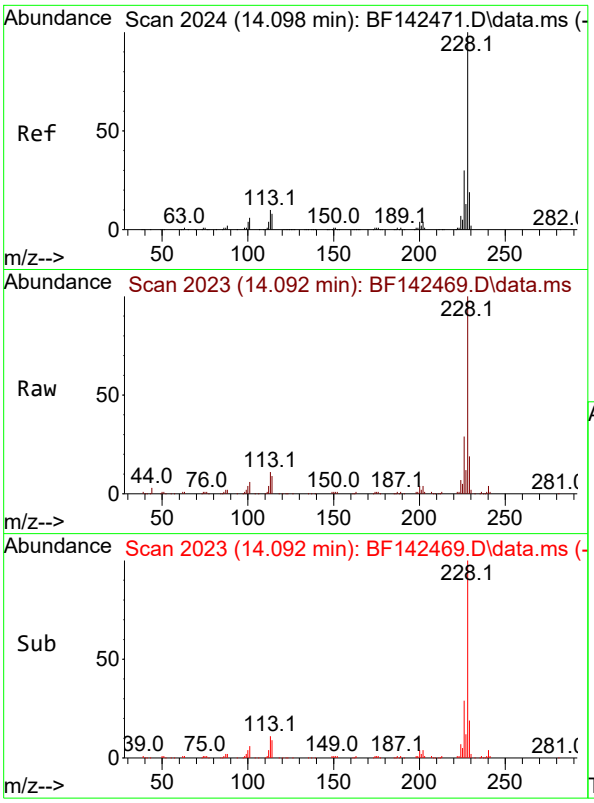


#82
3,3'-Dichlorobenzidine
Concen: 8.977 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 35845

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	11.4	8.9	13.3



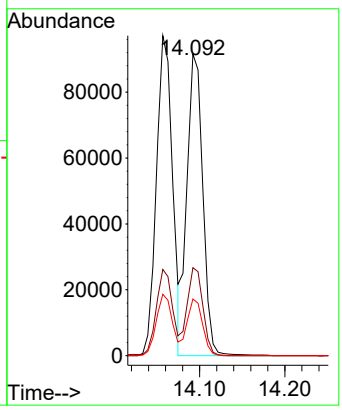


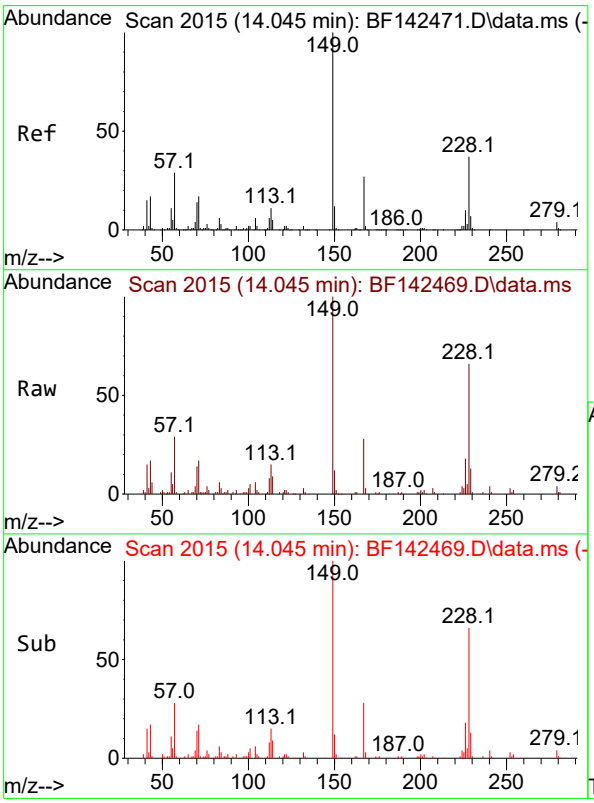
#83
Chrysene
Concen: 10.032 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 118674

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	18.8	15.4	23.2

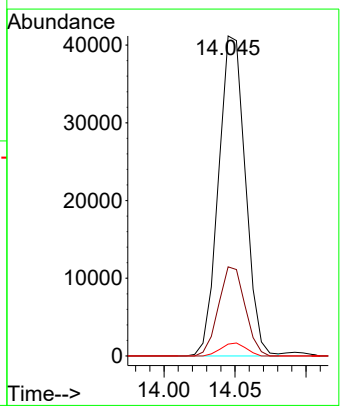


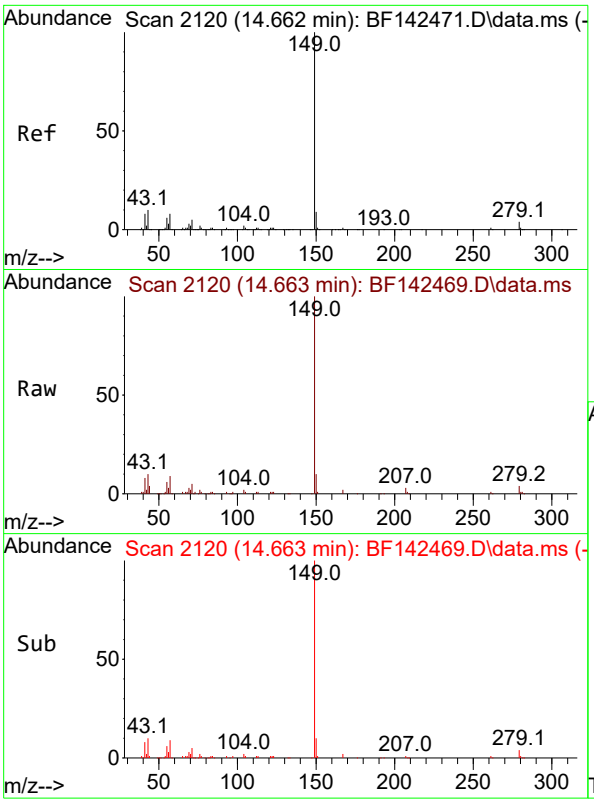


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.310 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 54056

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	3.7	3.2	4.8



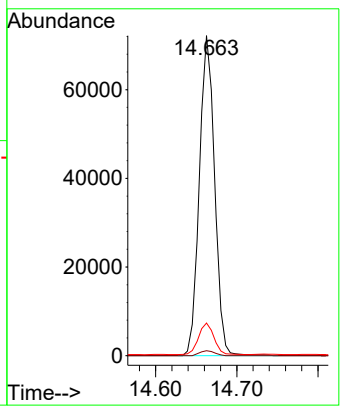


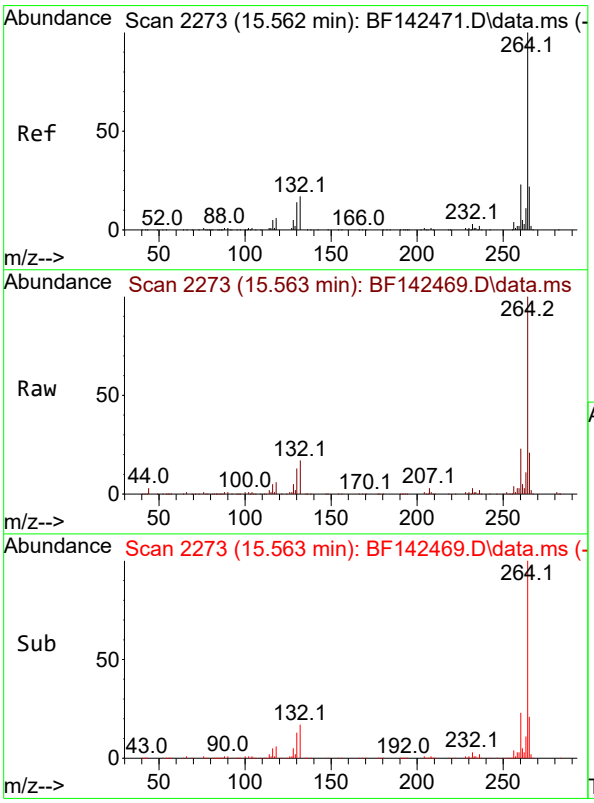
#85
Di-n-octyl phthalate
Concen: 7.425 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 94445

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

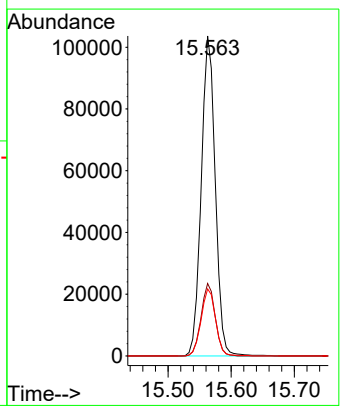


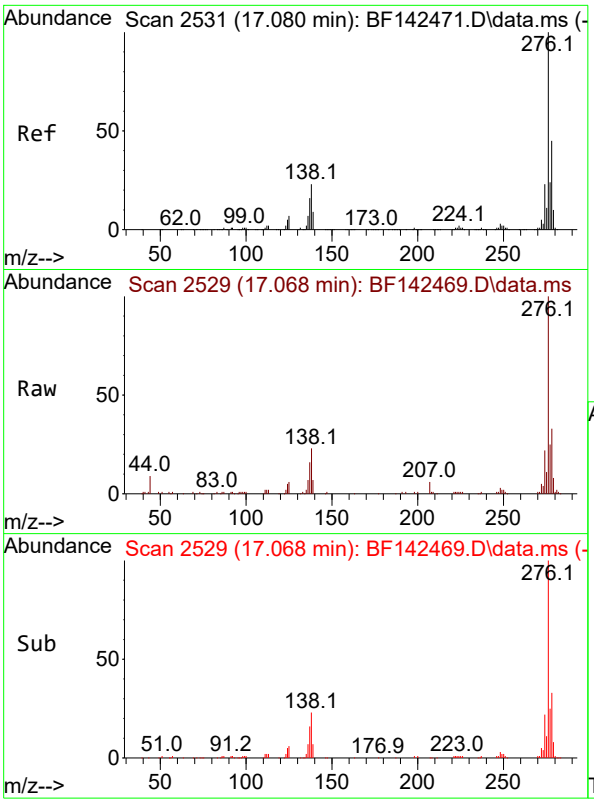


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:264 Resp: 160066

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5



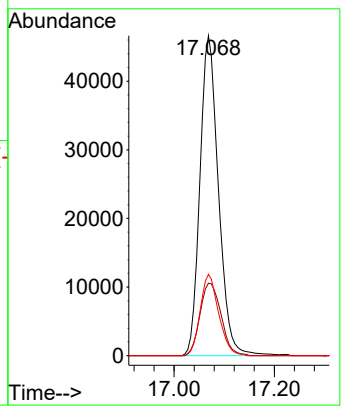


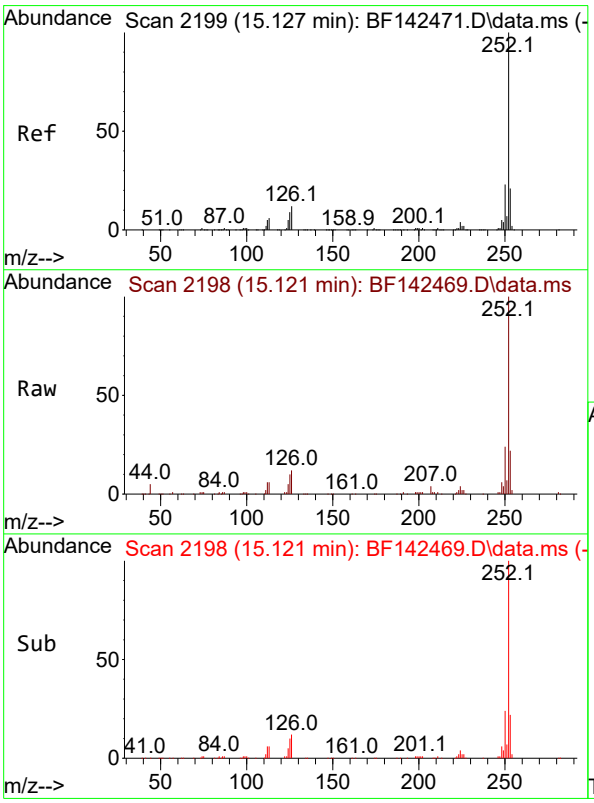
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.956 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 119642

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.9	29.9
277	25.3	20.2	30.2

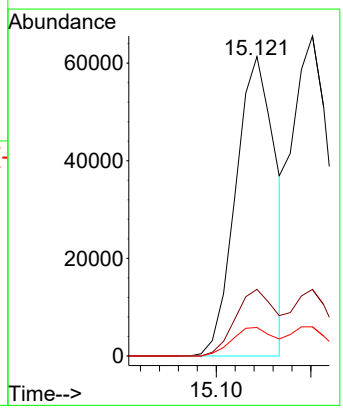


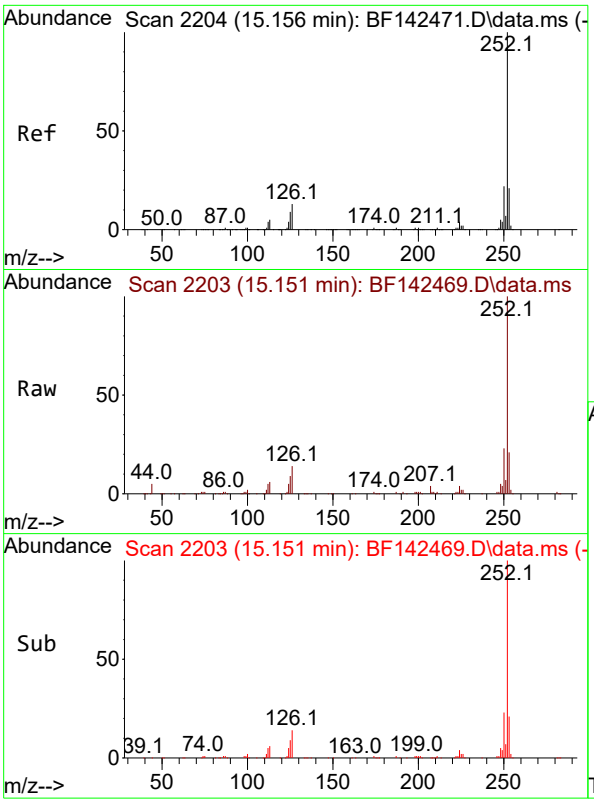


#88
Benzo(b)fluoranthene
Concen: 9.335 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 88432

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	9.5	7.4	11.0



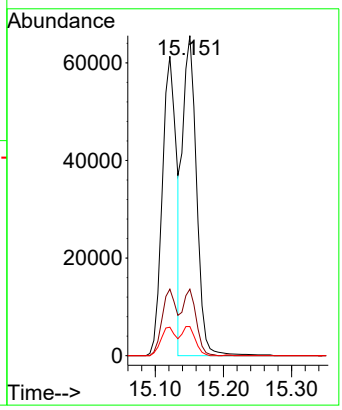


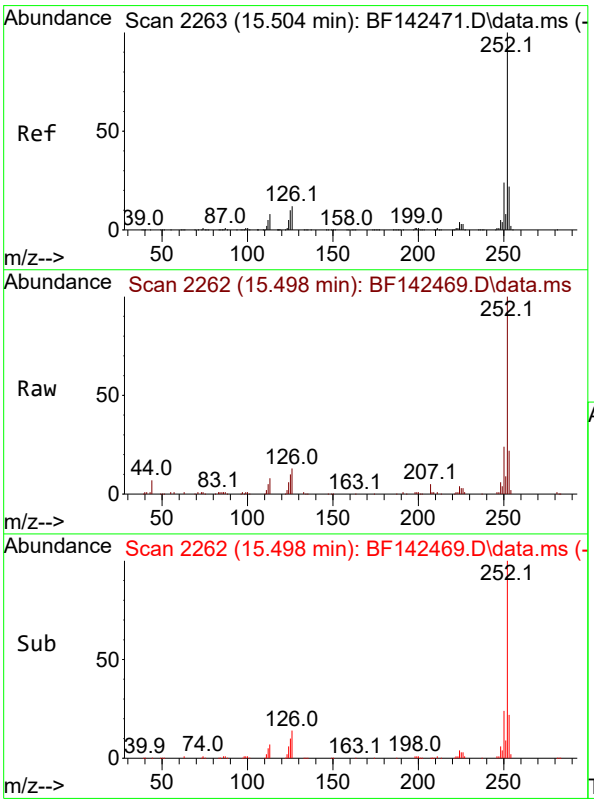
#89
Benzo(k)fluoranthene
Concen: 10.517 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 93315

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.4
125	9.1	7.3	10.9

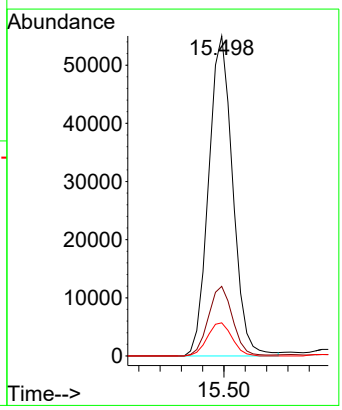


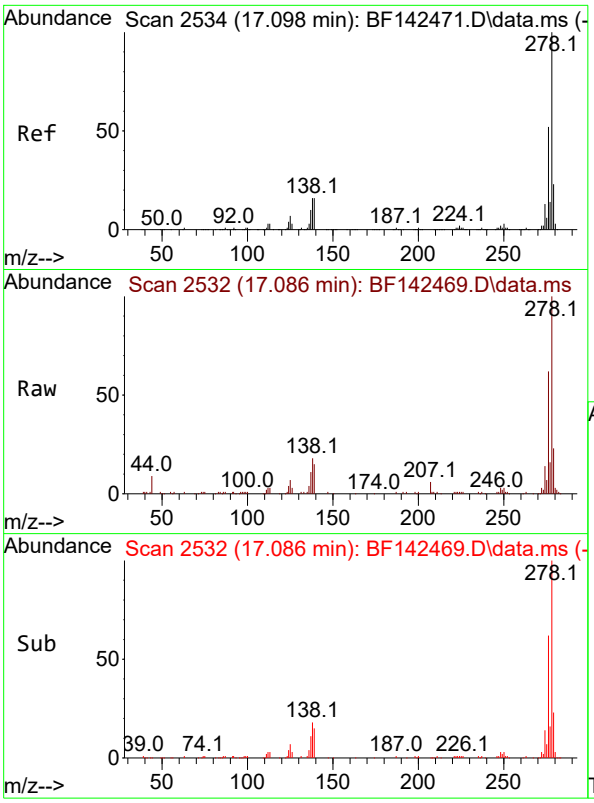


#90
Benzo(a)pyrene
Concen: 9.684 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 86477

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.4	7.9	11.9



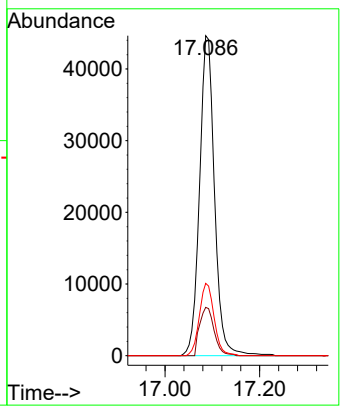


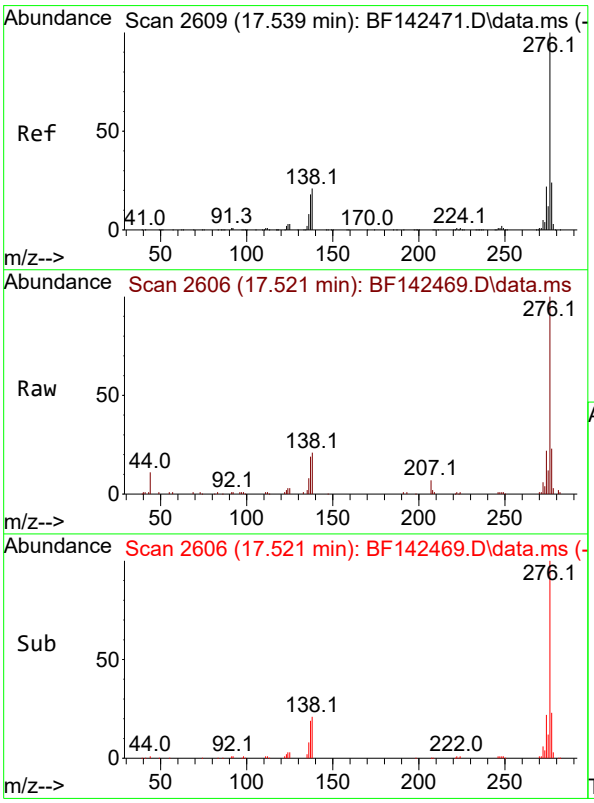
#91
Dibenzo(a,h)anthracene
Concen: 10.087 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 98308

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.8	19.2
279	22.6	18.6	28.0

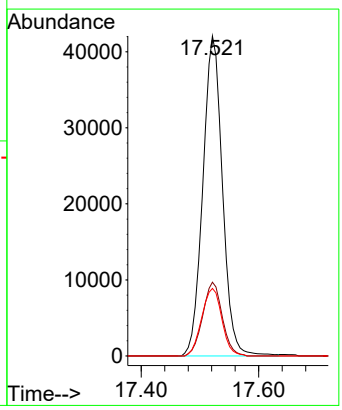




#92
Benzo(g,h,i)perylene
Concen: 10.016 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:276 Resp: 97640

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.1	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94619	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	367495	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	353003	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179495	20.000	ng	0.00
86) Perylene-d12	15.563	264	165092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	231731	41.261	ng	-0.01
7) Phenol-d6	6.516	99	276122	40.843	ng	-0.02
23) Nitrobenzene-d5	7.463	82	278514	41.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	95535	42.171	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	635813	41.799	ng	-0.01
79) Terphenyl-d14	13.016	244	596097	45.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	44822	19.944	ng	99
3) Pyridine	3.440	79	114685	20.039	ng	99
4) n-Nitrosodimethylamine	3.375	42	59347	19.972	ng	99
6) Aniline	6.557	93	185773	20.437	ng	99
8) 2-Chlorophenol	6.681	128	124465	20.347	ng	99
9) Benzaldehyde	6.451	77	91686	22.548	ng	99
10) Phenol	6.534	94	155782	20.479	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	110538	20.187	ng	99
12) 1,3-Dichlorobenzene	6.840	146	139347	20.414	ng	100
13) 1,4-Dichlorobenzene	6.916	146	141061	20.515	ng	99
14) 1,2-Dichlorobenzene	7.069	146	135845	20.647	ng	99
15) Benzyl Alcohol	7.034	79	100072	20.030	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	187668	20.408	ng	100
17) 2-Methylphenol	7.145	107	97077	20.326	ng	99
18) Hexachloroethane	7.416	117	49500	20.617	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	85172	20.328	ng	99
20) 3+4-Methylphenols	7.298	107	126511	20.685	ng	95
22) Acetophenone	7.304	105	168730	20.741	ng	99
24) Nitrobenzene	7.481	77	124202	20.433	ng	99
25) Isophorone	7.716	82	227891	20.225	ng	100
26) 2-Nitrophenol	7.798	139	66130	20.361	ng	100
27) 2,4-Dimethylphenol	7.828	122	116913	20.412	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	144952	20.593	ng	98
29) 2,4-Dichlorophenol	8.034	162	106584	20.462	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	116666	20.638	ng	97
31) Naphthalene	8.204	128	374799	20.713	ng	100
32) Benzoic acid	7.910	122	64801	18.586	ng	99
33) 4-Chloroaniline	8.251	127	152901	20.853	ng	99
34) Hexachlorobutadiene	8.322	225	72441	20.523	ng	99
35) Caprolactam	8.598	113	30374	20.762	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	109793	20.567	ng	97
37) 2-Methylnaphthalene	8.898	142	237350	20.849	ng	98
38) 1-Methylnaphthalene	8.998	142	246831	20.961	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	119980	20.477	ng	100
41) Hexachlorocyclopentadiene	9.051	237	78243	19.796	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	82857	20.971	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

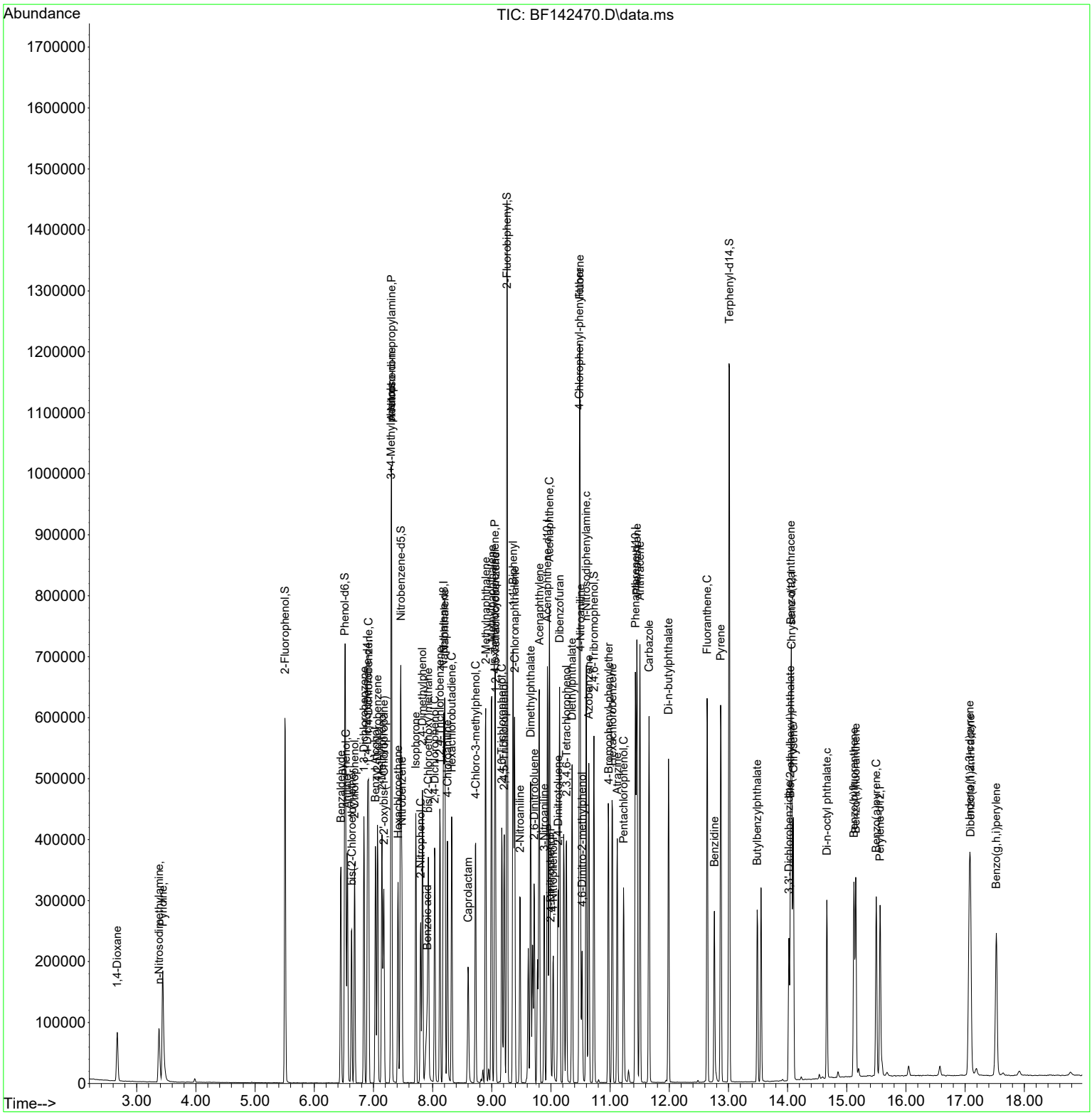
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84935	20.383	ng		98
46) 1,1'-Biphenyl	9.363	154	325474	20.553	ng		99
47) 2-Chloronaphthalene	9.386	162	240148	20.526	ng		98
48) 2-Nitroaniline	9.475	65	69068	20.424	ng		97
49) Acenaphthylene	9.804	152	413782	20.945	ng		100
50) Dimethylphthalate	9.657	163	279113	20.724	ng		100
51) 2,6-Dinitrotoluene	9.716	165	59031	20.308	ng		97
52) Acenaphthene	9.975	154	250487	20.764	ng		98
53) 3-Nitroaniline	9.886	138	66847	21.055	ng		99
54) 2,4-Dinitrophenol	9.992	184	27863	18.553	ng	#	70
55) Dibenzofuran	10.145	168	360936	20.792	ng		99
56) 4-Nitrophenol	10.039	139	49352	21.067	ng		99
57) 2,4-Dinitrotoluene	10.122	165	79063	20.827	ng		99
58) Fluorene	10.486	166	279994	20.878	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	73538	21.140	ng		99
60) Diethylphthalate	10.357	149	277325	21.084	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	137985	20.944	ng		99
62) 4-Nitroaniline	10.498	138	61856	21.481	ng		98
63) Azobenzene	10.639	77	242545	20.530	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	38757	19.673	ng		97
66) n-Nitrosodiphenylamine	10.598	169	245739	20.348	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	84406	20.222	ng		96
68) Hexachlorobenzene	11.039	284	92803	20.102	ng		98
69) Atrazine	11.122	200	65656	20.471	ng		99
70) Pentachlorophenol	11.227	266	52525	20.152	ng		99
71) Phenanthrene	11.451	178	388317	20.584	ng		100
72) Anthracene	11.504	178	396704	20.604	ng		99
73) Carbazole	11.657	167	346558	21.055	ng		99
74) Di-n-butylphthalate	11.986	149	382324	21.221	ng		100
75) Fluoranthene	12.639	202	371226	21.059	ng		99
77) Benzidine	12.763	184	162031	24.258	ng		99
78) Pyrene	12.869	202	370789	22.144	ng		99
80) Butylbenzylphthalate	13.486	149	94290	20.379	ng		99
81) Benzo(a)anthracene	14.057	228	251858	21.013	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	72218	19.865	ng		99
83) Chrysene	14.098	228	214213	19.890	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	111015	18.743	ng		100
85) Di-n-octyl phthalate	14.663	149	198800	17.166	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	261271	21.080	ng		99
88) Benzo(b)fluoranthene	15.121	252	213487	21.849	ng		99
89) Benzo(k)fluoranthene	15.151	252	170316	18.611	ng		100
90) Benzo(a)pyrene	15.498	252	183983	19.976	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	210557	20.946	ng		99
92) Benzo(g,h,i)perylene	17.527	276	209719	20.859	ng		98

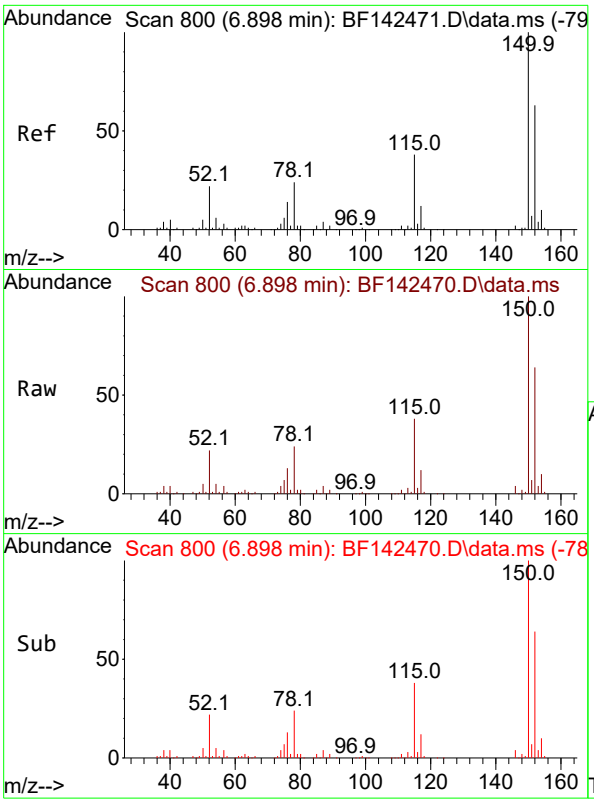
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



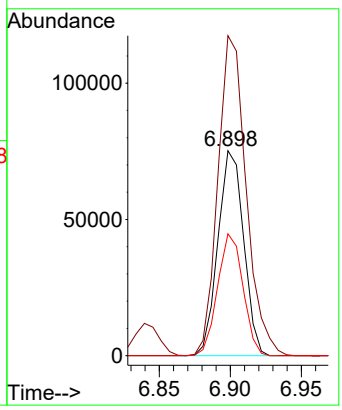


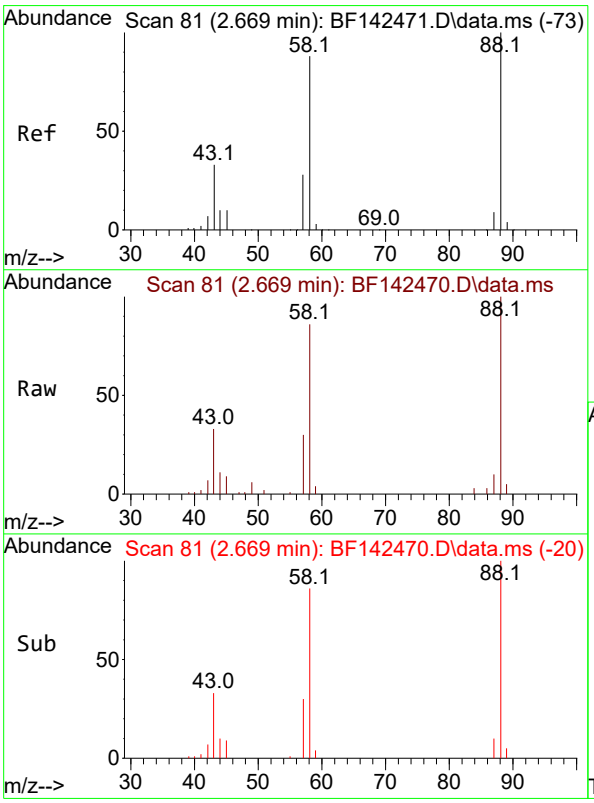
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 94619

Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.2	192.4
115	59.5	48.3	72.5

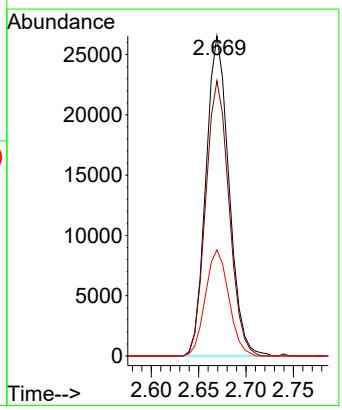


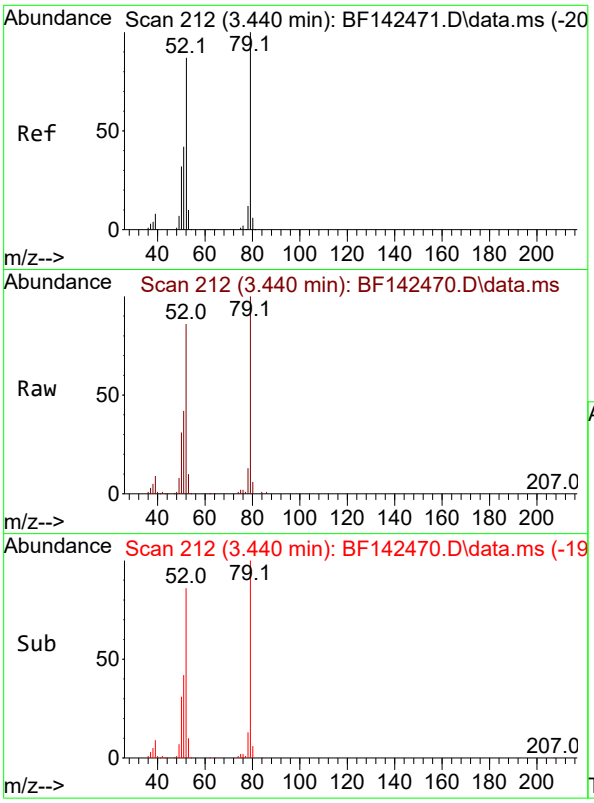


#2
1,4-Dioxane
Concen: 19.944 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 88 Resp: 44822

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	33.7	26.6	40.0



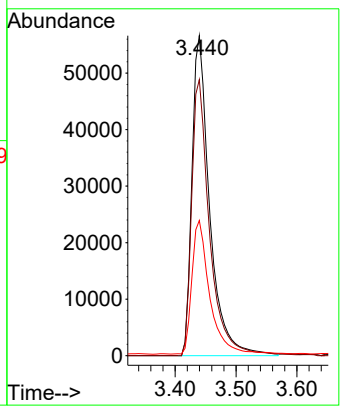


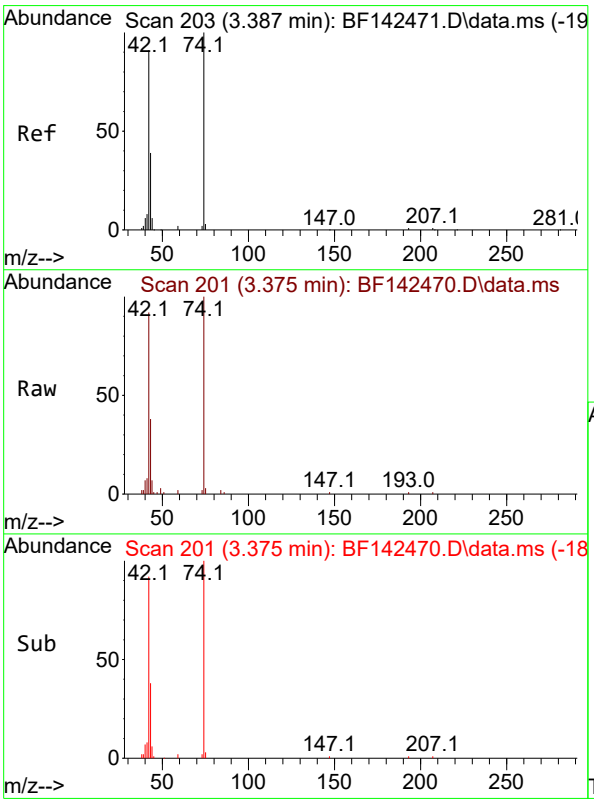
#3
Pyridine
Concen: 20.039 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 114685

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.2	103.8
51	42.3	33.3	49.9

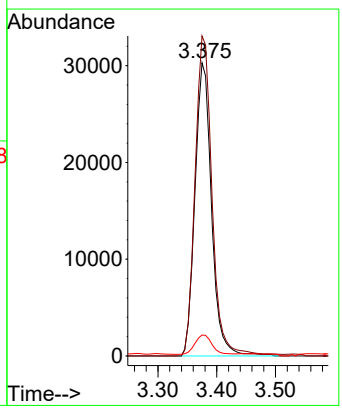


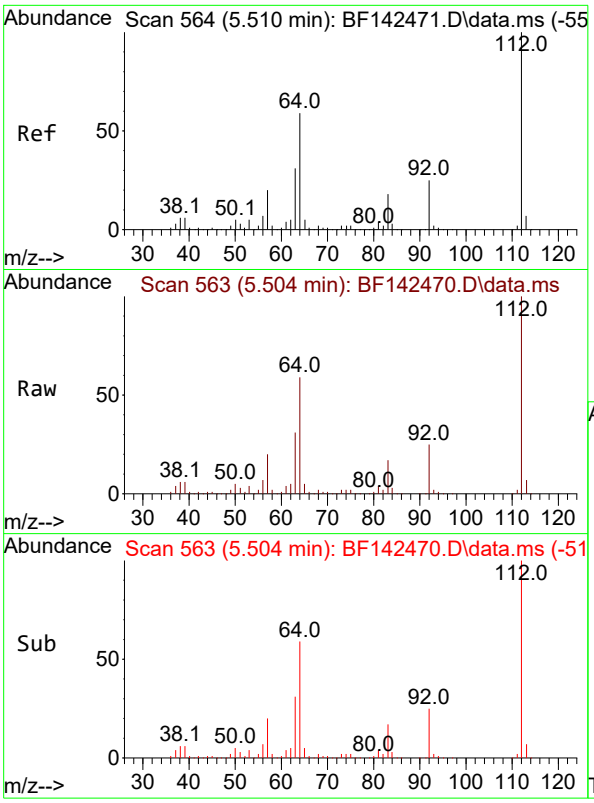


#4
n-Nitrosodimethylamine
Concen: 19.972 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 42 Resp: 59347

Ion	Ratio	Lower	Upper
42	100		
74	109.2	88.2	132.4
44	7.2	5.4	8.2



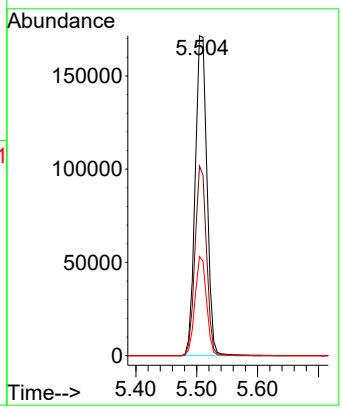


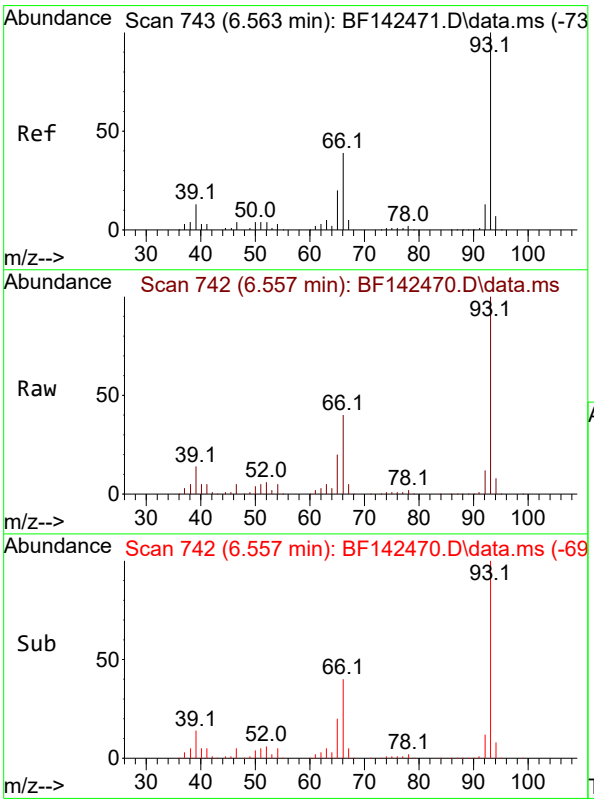
#5
2-Fluorophenol
Concen: 41.261 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 231731

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.5	71.3
63	31.0	24.9	37.3

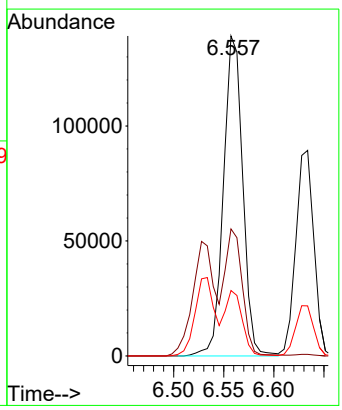


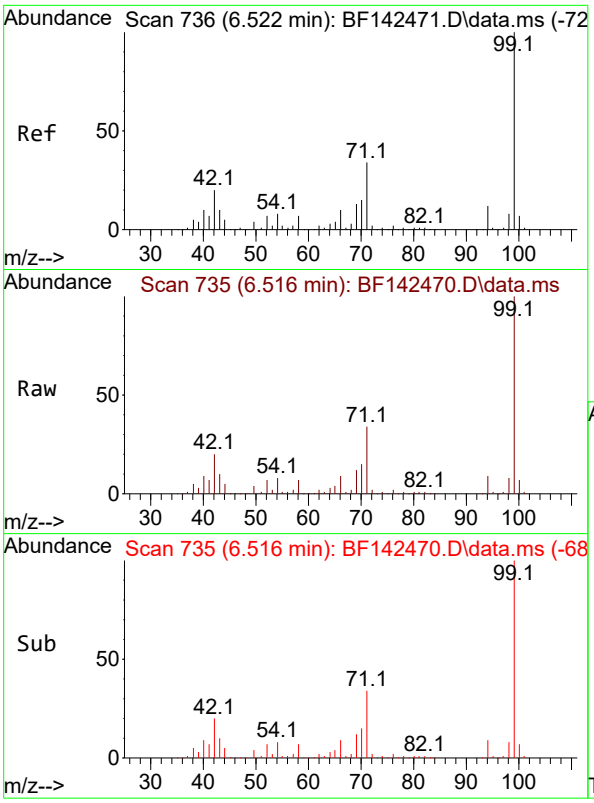


#6
Aniline
Concen: 20.437 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 93 Resp: 185773

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.0	48.0
65	20.5	16.1	24.1



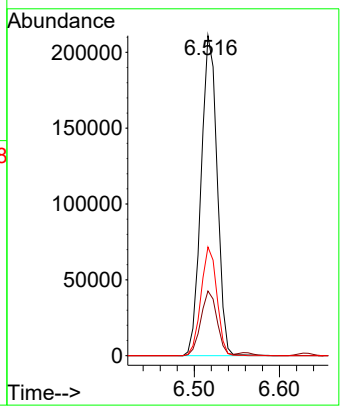


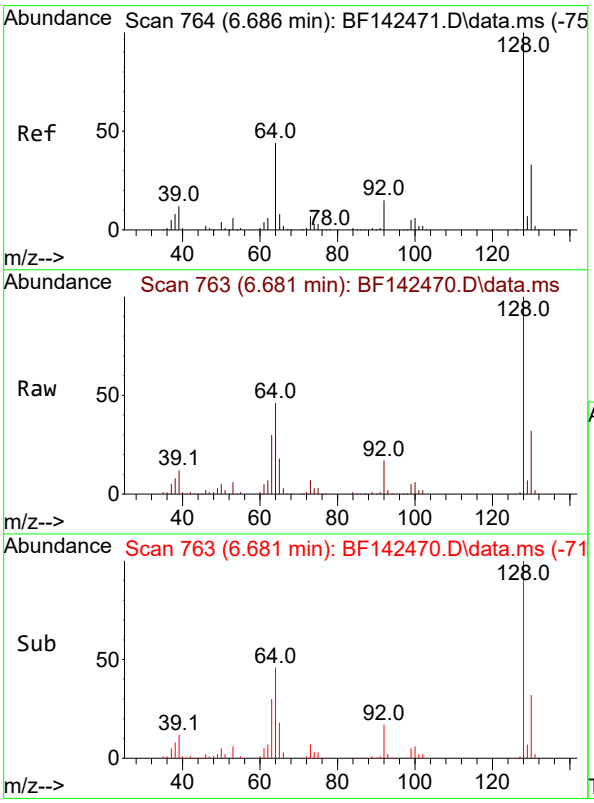
#7
Phenol-d6
Concen: 40.843 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 276122

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.0	27.3	40.9

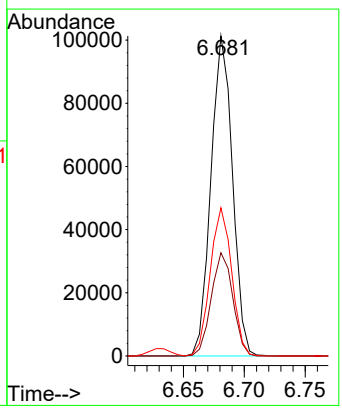


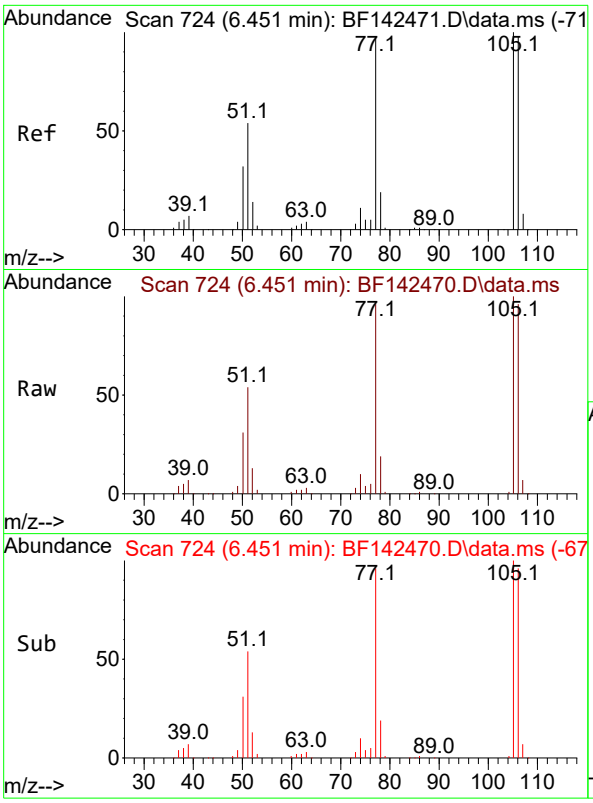


#8
2-Chlorophenol
Concen: 20.347 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:128 Resp: 124465

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.3	25.1	65.1



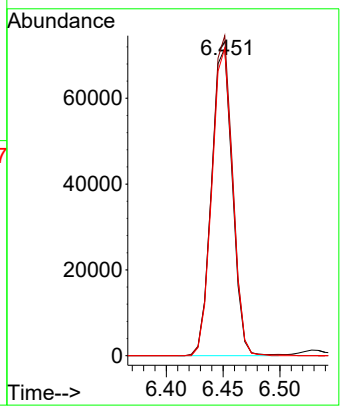


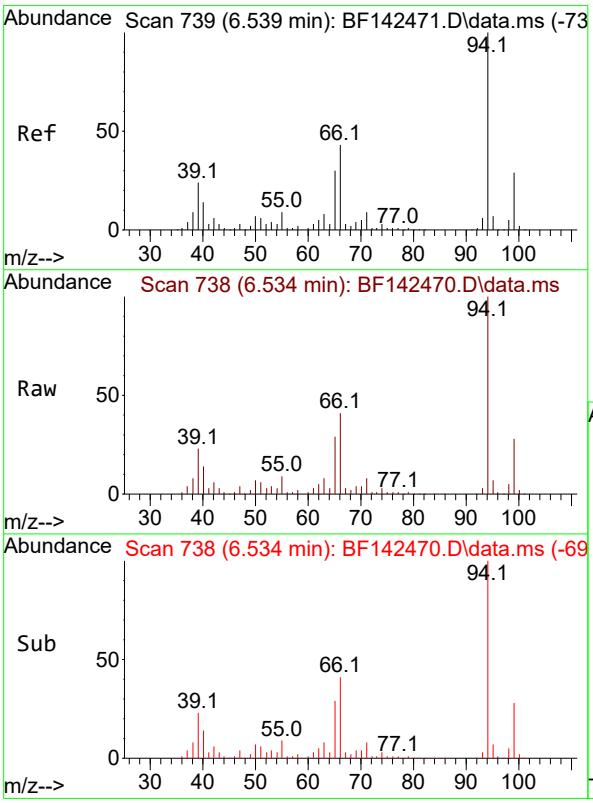
#9
Benzaldehyde
Concen: 22.548 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 91686

Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.5	122.5
106	100.0	80.0	120.0

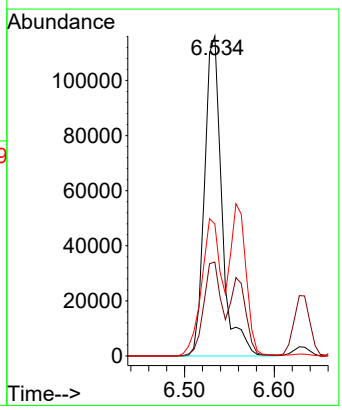


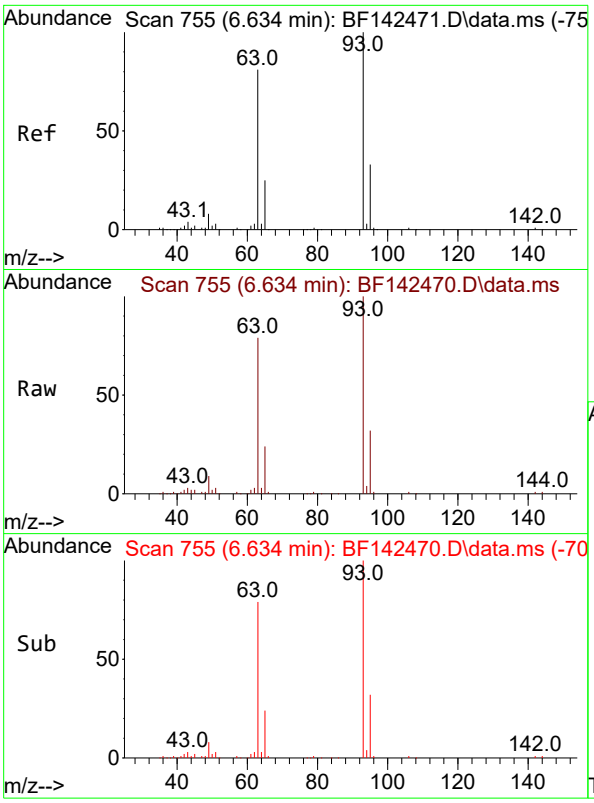


#10
Phenol
Concen: 20.479 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 94 Resp: 155782

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.3	50.3
66	41.2	22.6	62.6



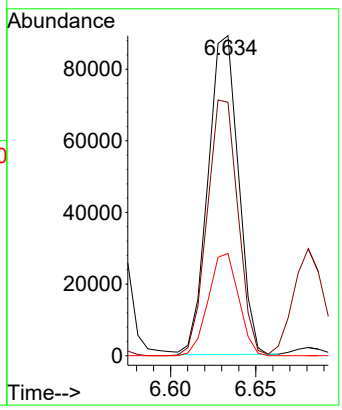


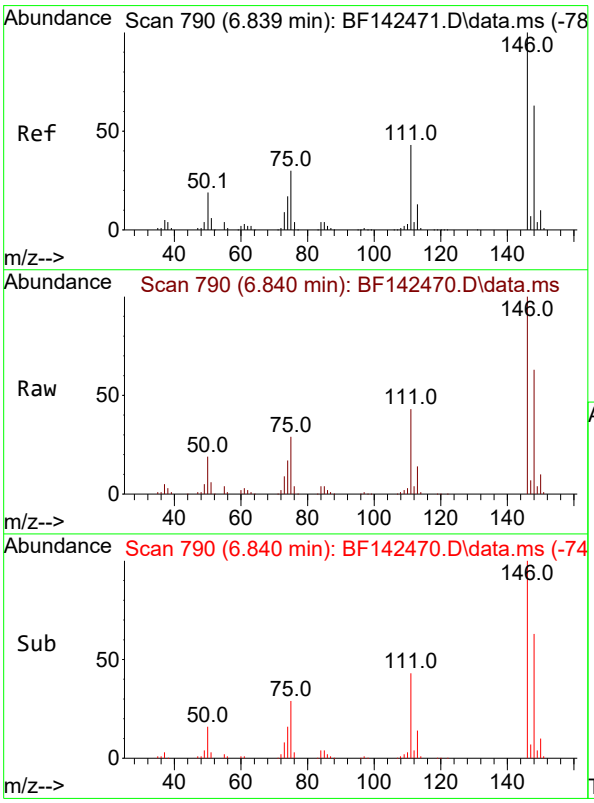
#11
bis(2-Chloroethyl)ether
Concen: 20.187 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 110538

Ion	Ratio	Lower	Upper
93	100		
63	79.2	60.2	100.2
95	32.0	12.3	52.3

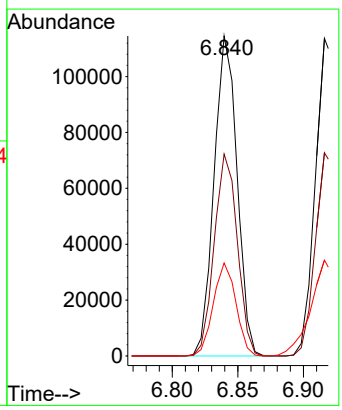


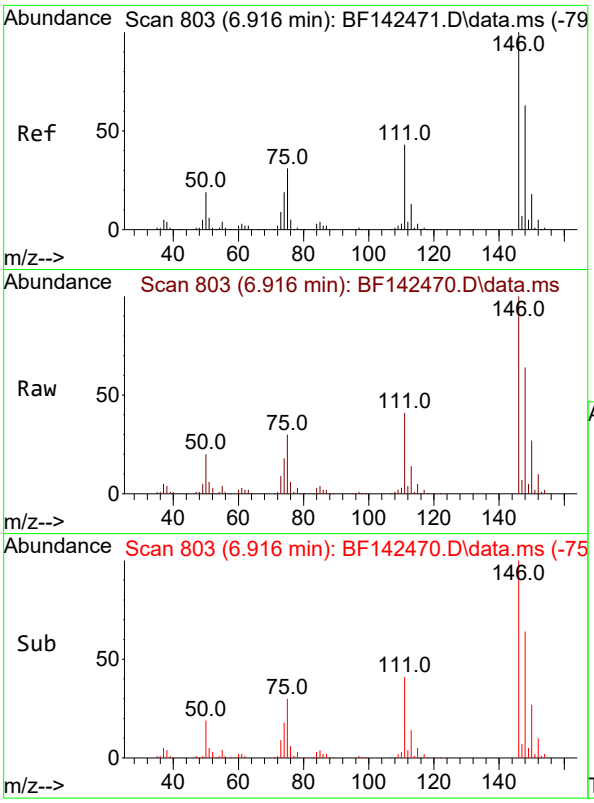


#12
1,3-Dichlorobenzene
Concen: 20.414 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:146 Resp: 139347

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
75	29.0	23.8	35.6



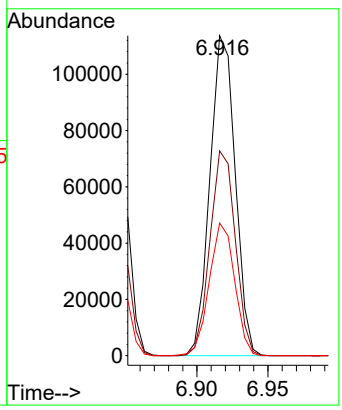


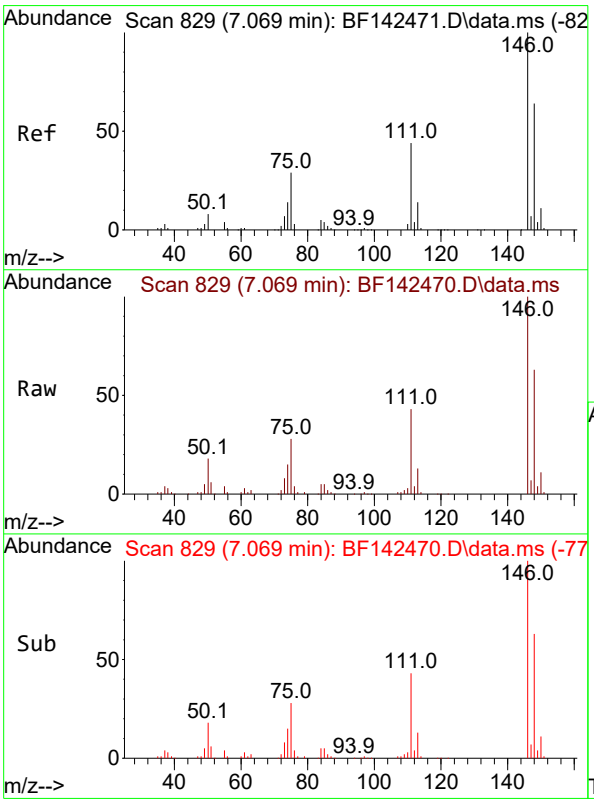
#13
1,4-Dichlorobenzene
Concen: 20.515 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 141061

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.4	34.1	51.1

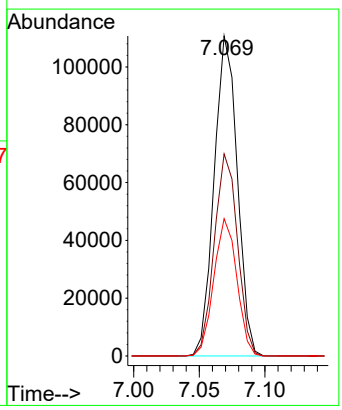


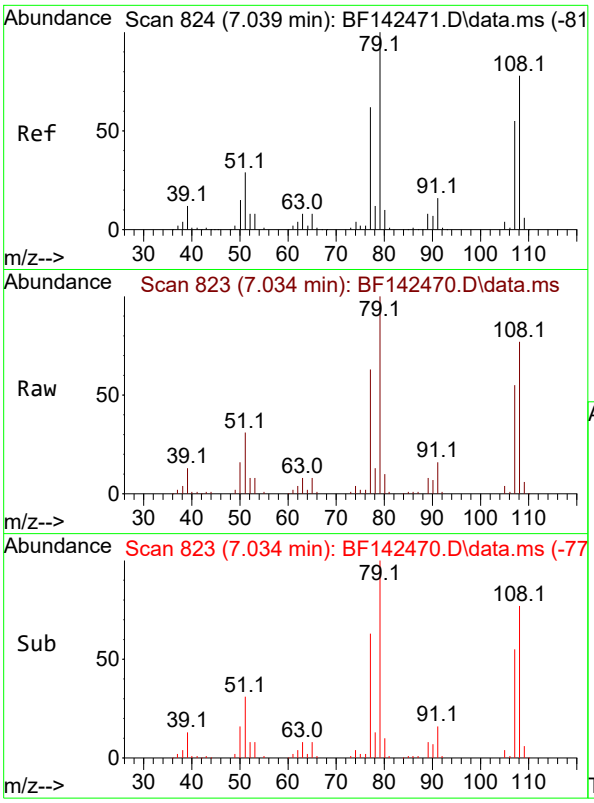


#14
1,2-Dichlorobenzene
Concen: 20.647 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:146 Resp: 135845

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	42.9	35.0	52.6



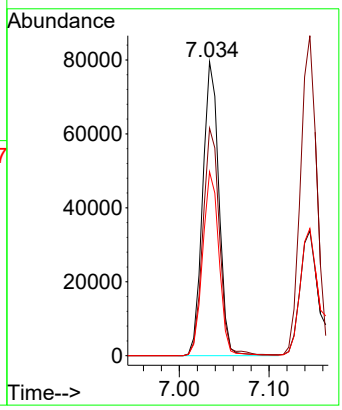


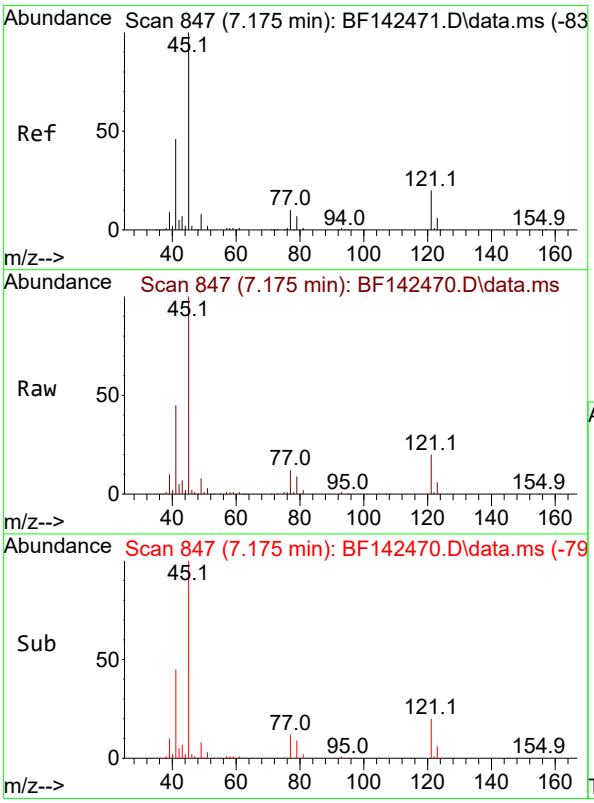
#15
Benzyl Alcohol
Concen: 20.030 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 100072

Ion	Ratio	Lower	Upper
79	100		
108	77.4	62.1	93.1
77	62.5	49.5	74.3

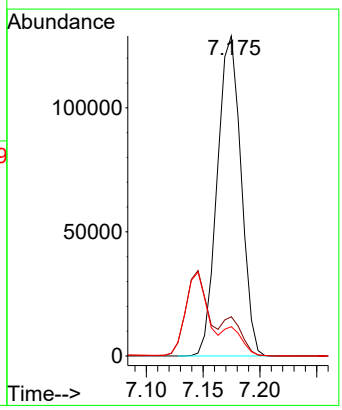


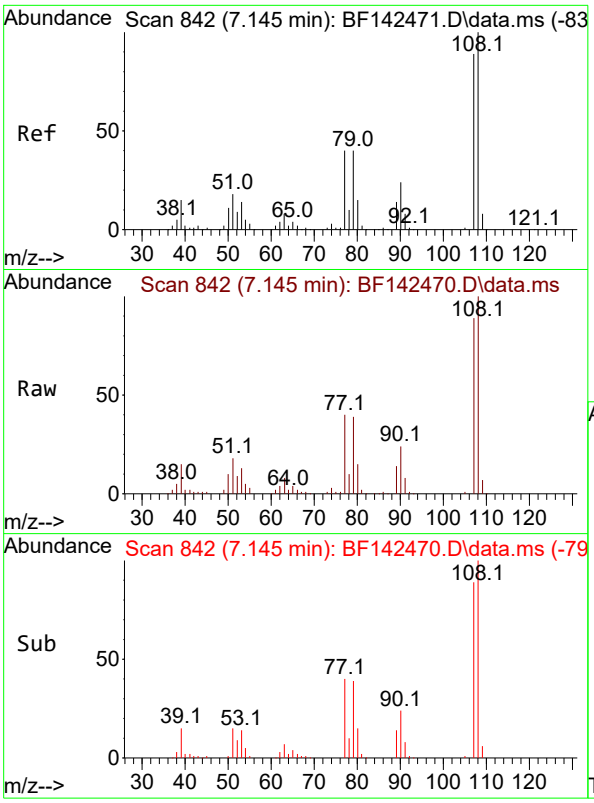


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.408 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 45 Resp: 187668

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.0
79	9.2	0.0	29.2



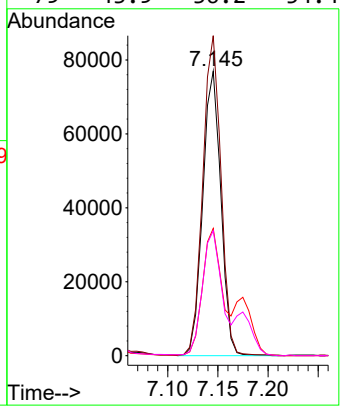


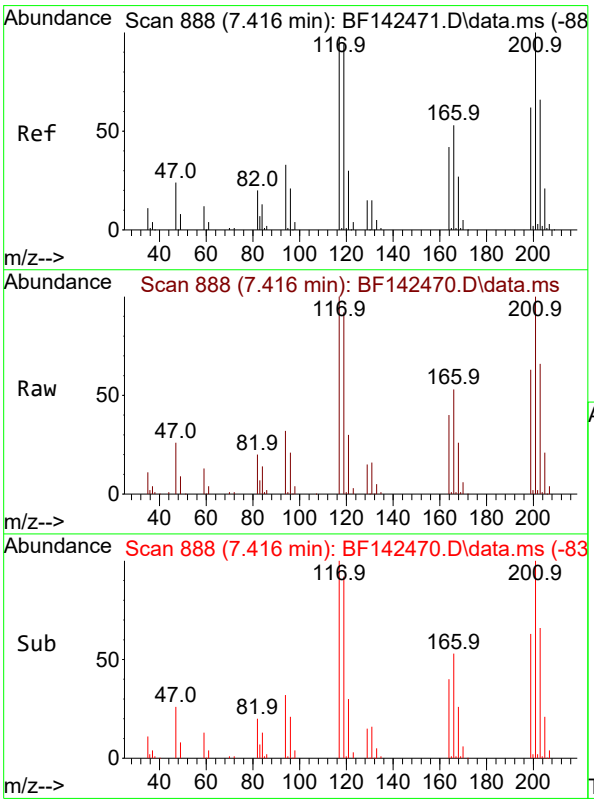
#17
2-Methylphenol
Concen: 20.326 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 97077

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	44.7	36.1	54.1
79	43.9	36.2	54.4

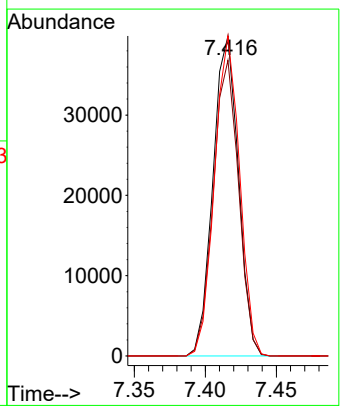


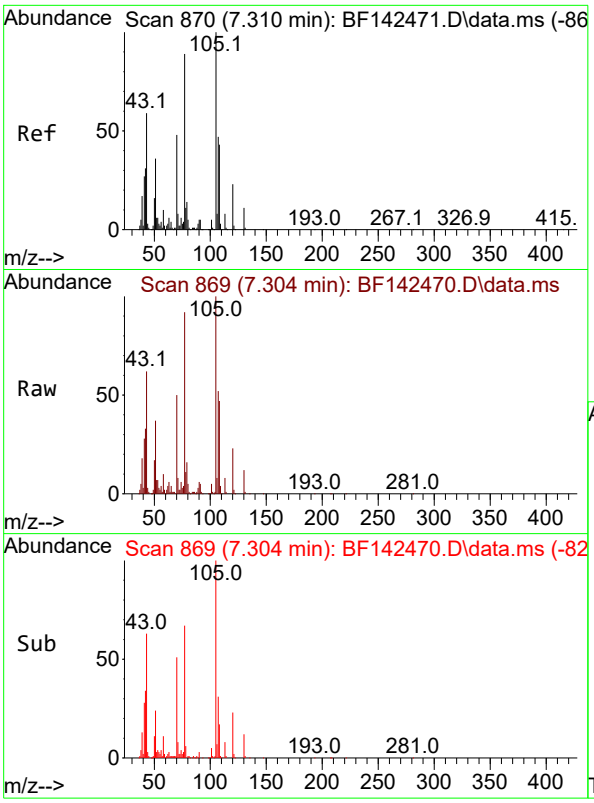


#18
Hexachloroethane
Concen: 20.617 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:117 Resp: 49500

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.6	114.8
201	99.9	81.3	121.9



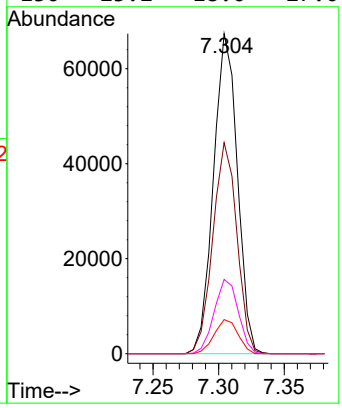


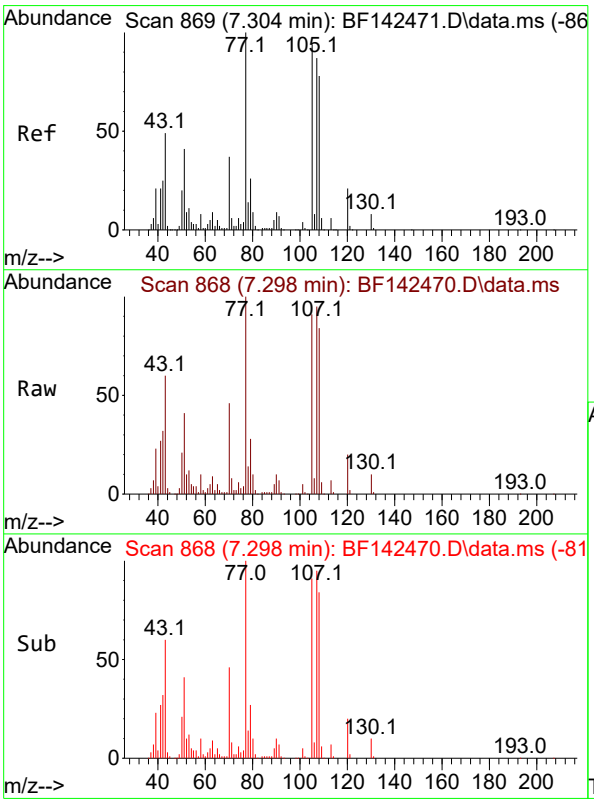
#19
n-Nitroso-di-n-propylamine
Concen: 20.328 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 85172

Ion	Ratio	Lower	Upper
70	100		
42	66.0	52.4	78.6
101	10.7	7.8	11.8
130	23.2	18.0	27.0

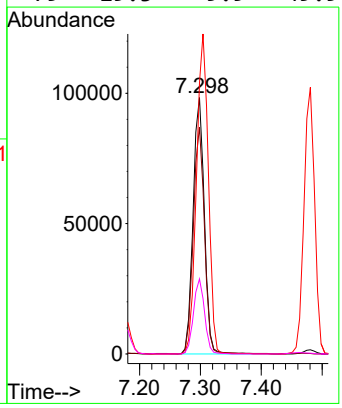


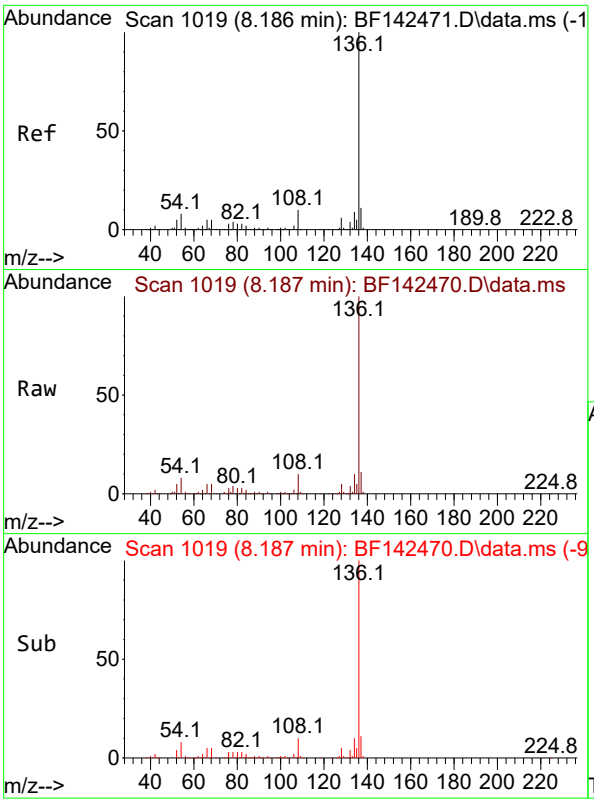


#20
3+4-Methylphenols
Concen: 20.685 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:107 Resp: 126511

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.4	110.4
77	105.7	95.4	135.4
79	29.3	9.9	49.9



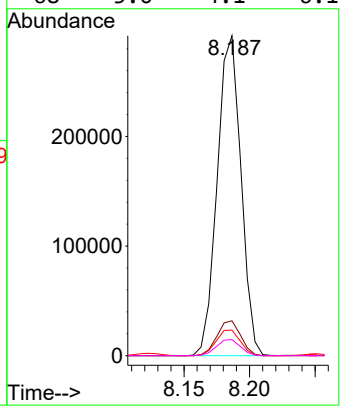


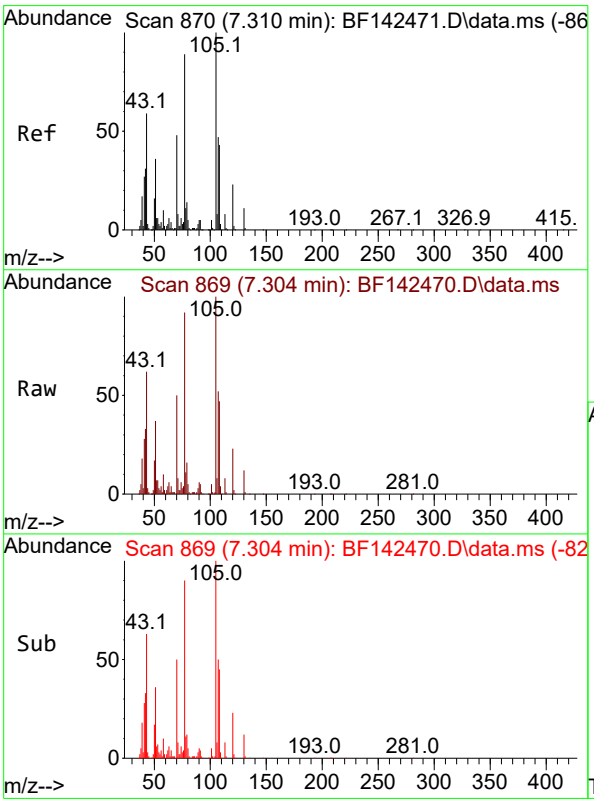
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 367495

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.0	6.6	10.0
68	5.0	4.1	6.1

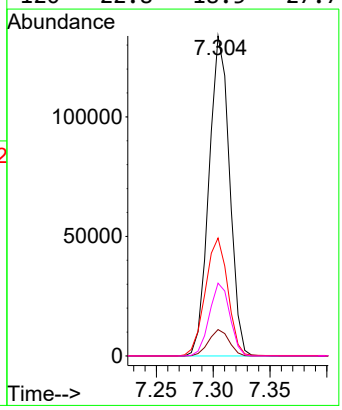


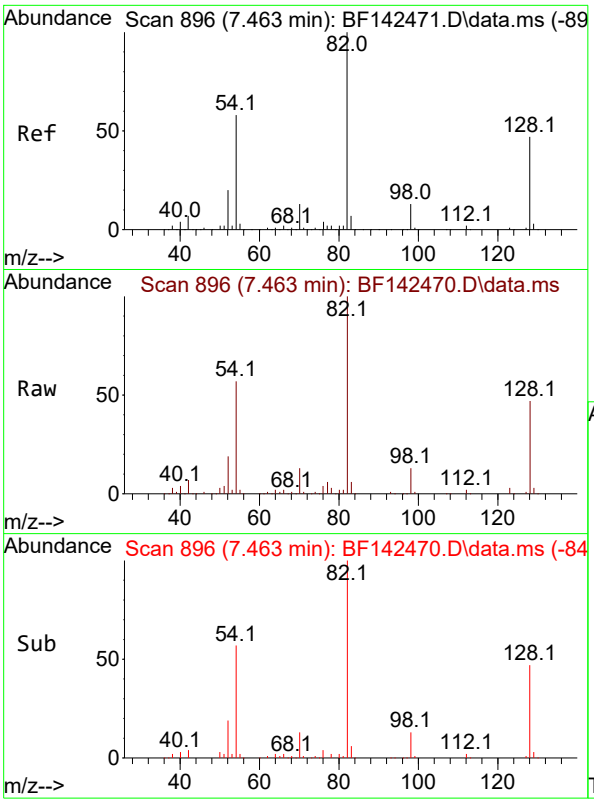


#22
Acetophenone
Concen: 20.741 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:105 Resp: 168730

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.4	9.6
51	36.9	28.6	42.8
120	22.8	18.5	27.7



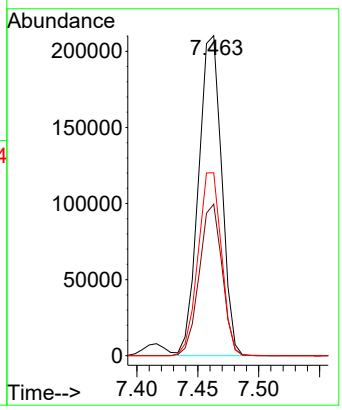


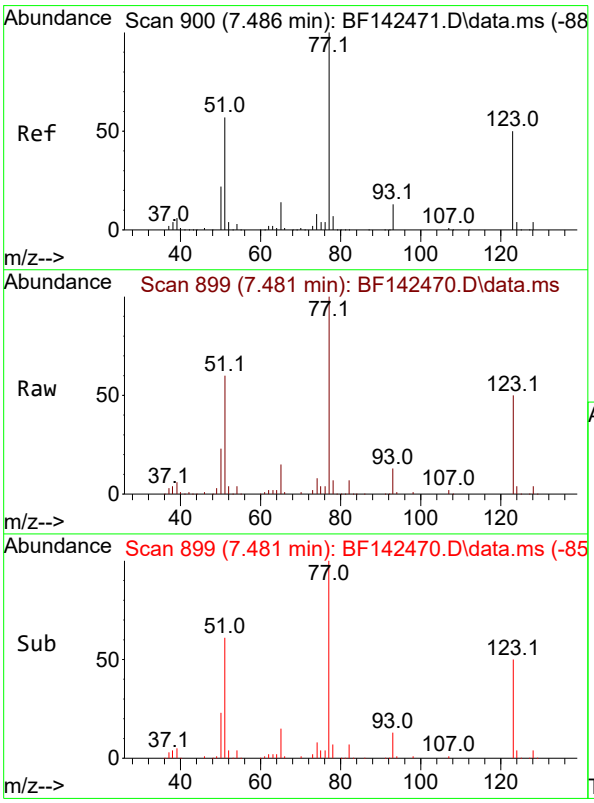
#23
Nitrobenzene-d5
Concen: 41.326 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 278514

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	57.2	46.6	70.0

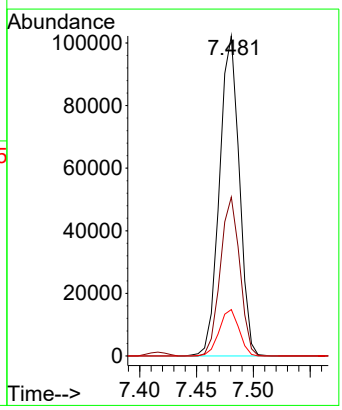


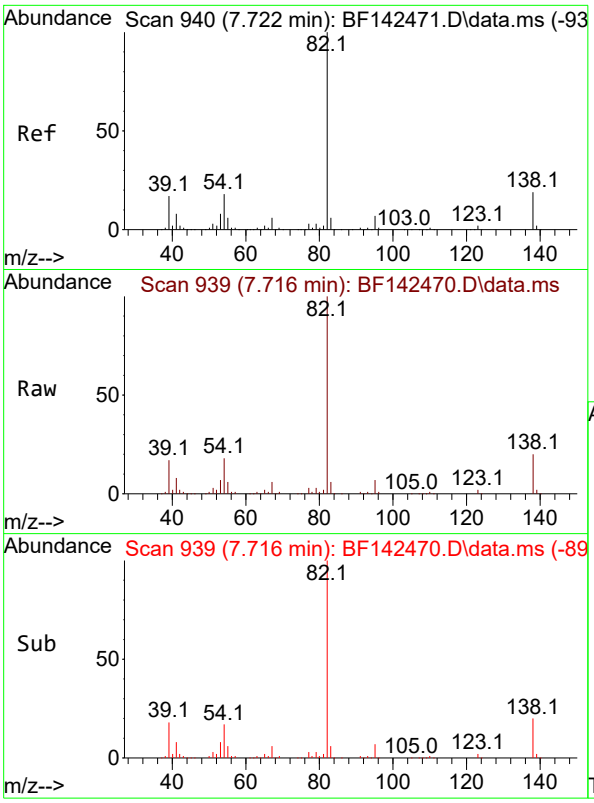


#24
Nitrobenzene
Concen: 20.433 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 77 Resp: 124202

Ion	Ratio	Lower	Upper
77	100		
123	49.6	40.6	61.0
65	14.5	11.4	17.2



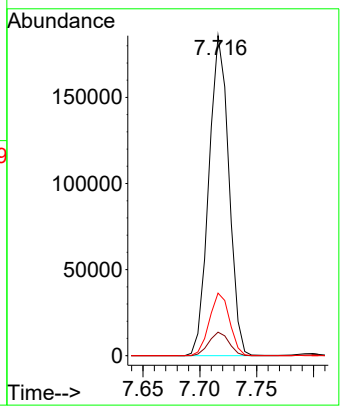


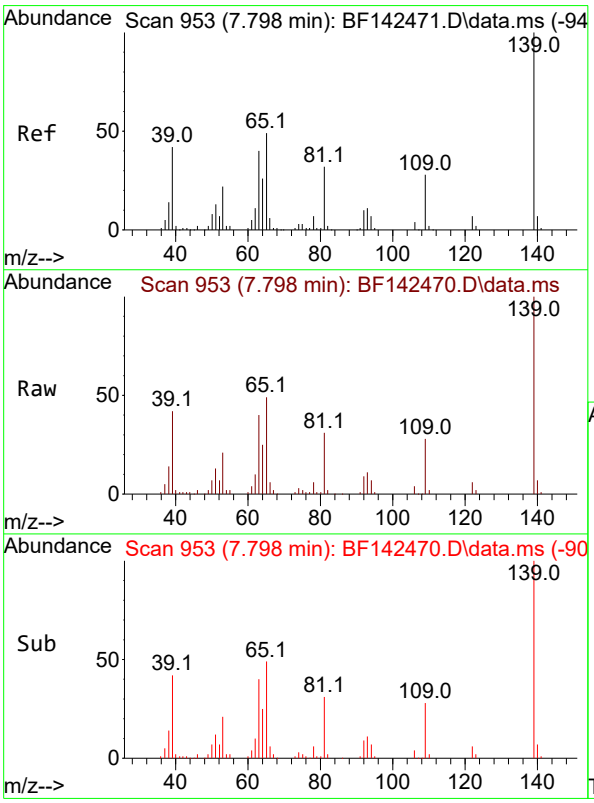
#25
Isophorone
Concen: 20.225 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 227891

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	19.6	15.5	23.3

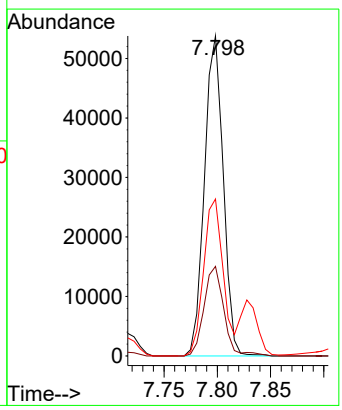


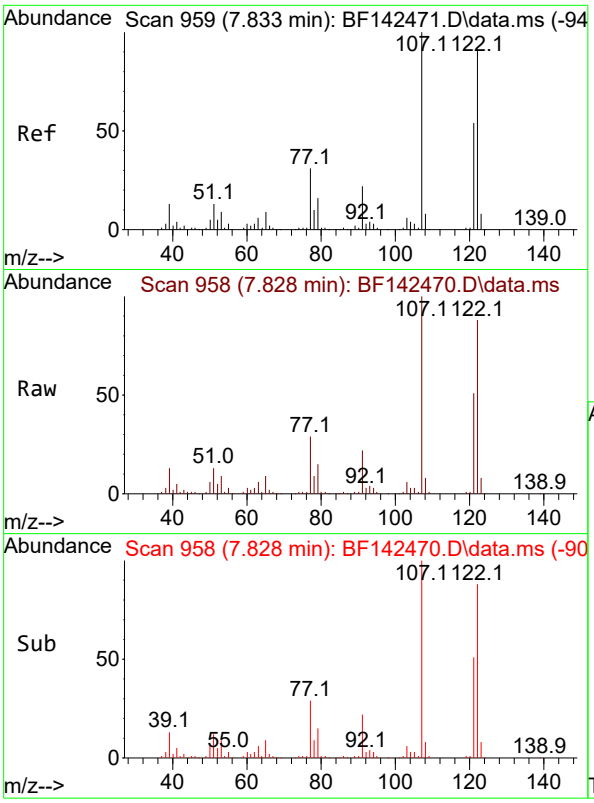


#26
2-Nitrophenol
Concen: 20.361 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:139 Resp: 66130

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.6	33.8
65	49.1	39.4	59.0



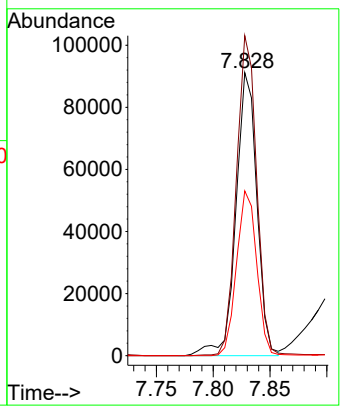


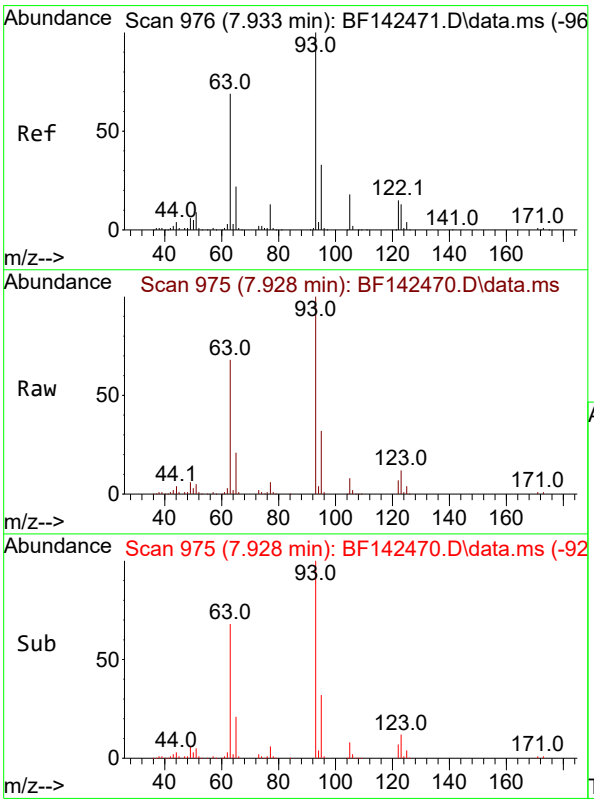
#27
2,4-Dimethylphenol
Concen: 20.412 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 116913

Ion	Ratio	Lower	Upper
122	100		
107	113.0	88.1	132.1
121	58.2	47.3	70.9

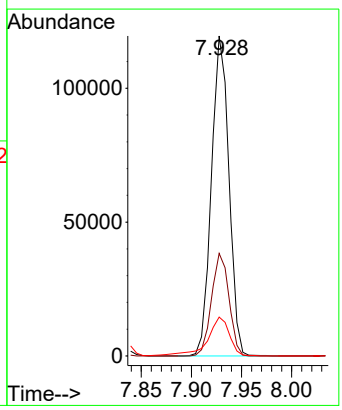


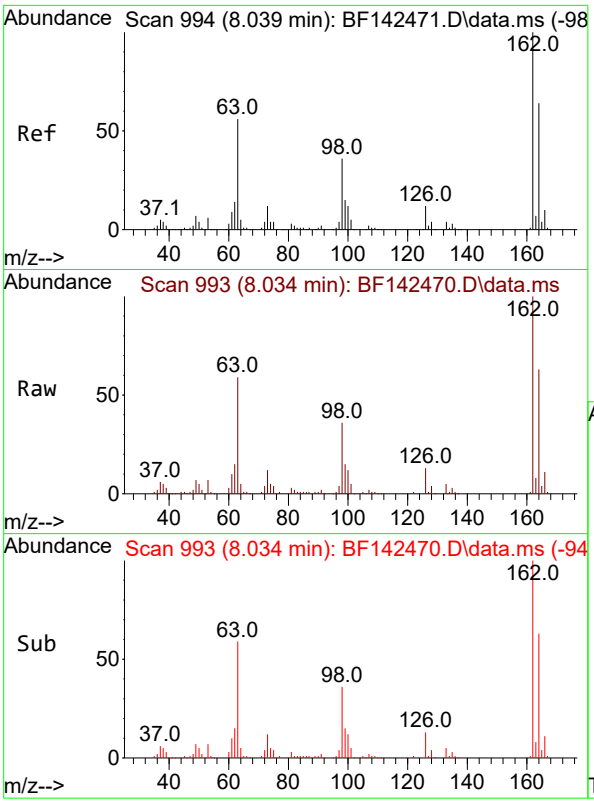


#28
bis(2-Chloroethoxy)methane
Concen: 20.593 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 93 Resp: 144952

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	12.2	10.6	15.8



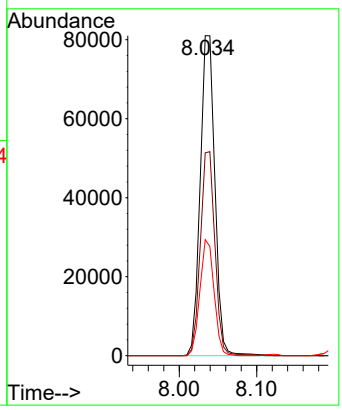


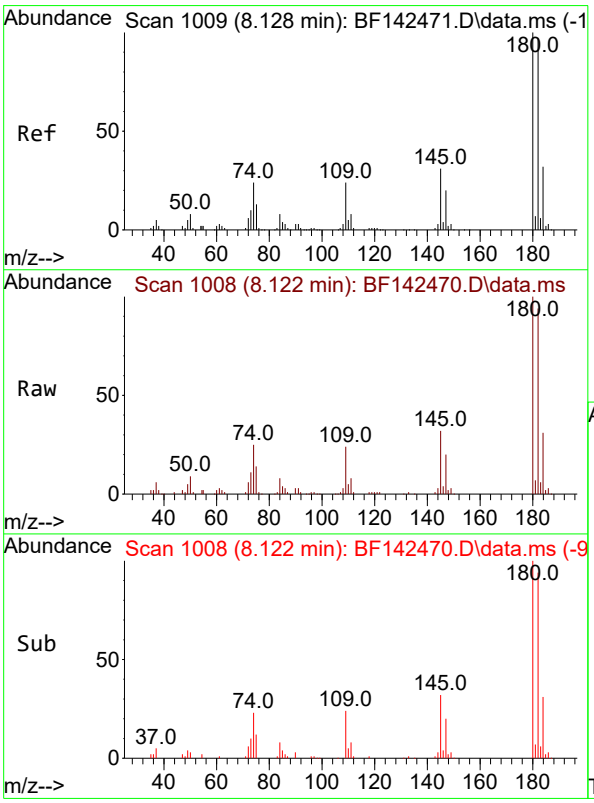
#29
2,4-Dichlorophenol
Concen: 20.462 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 106584

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.7	83.7
98	36.3	15.5	55.5

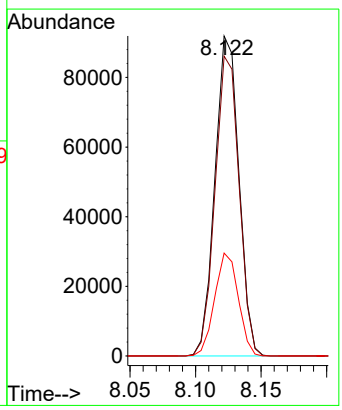


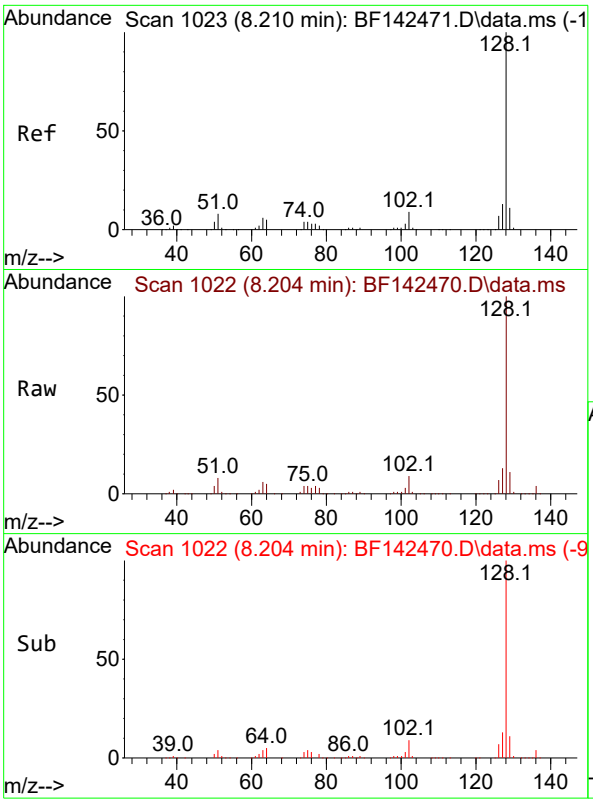


#30
1,2,4-Trichlorobenzene
Concen: 20.638 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:180 Resp: 116666

Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	32.2	25.0	37.6



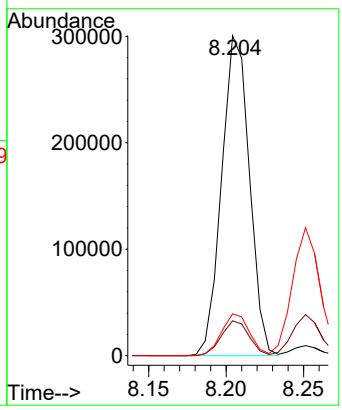


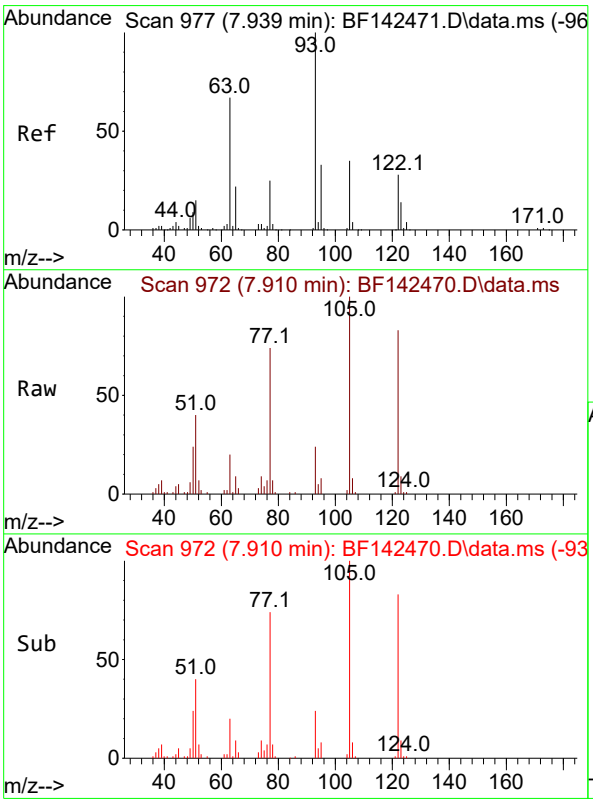
#31
Naphthalene
Concen: 20.713 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 374799

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.5	15.7

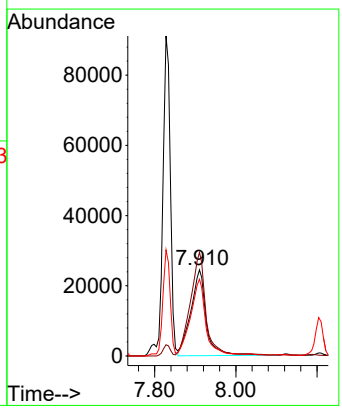


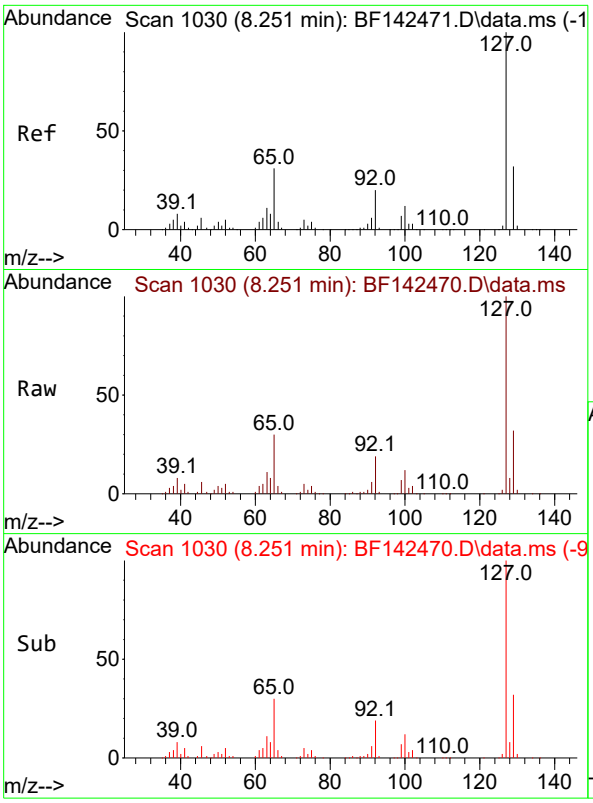


#32
Benzoic acid
Concen: 18.586 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.065 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:122 Resp: 64801

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.7	141.7
77	89.3	69.5	109.5



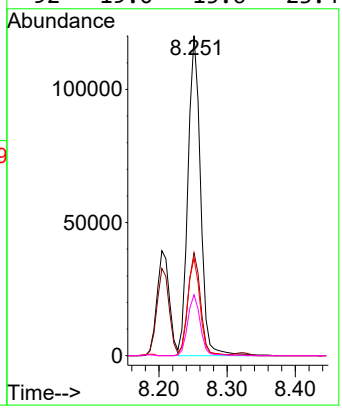


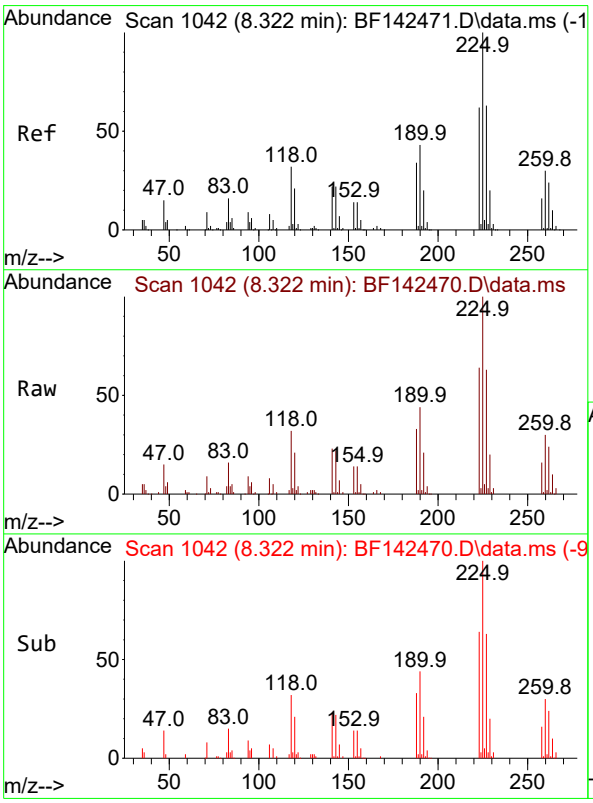
#33
4-Chloroaniline
Concen: 20.853 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 152901

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.4	24.9	37.3
92	19.0	15.6	23.4

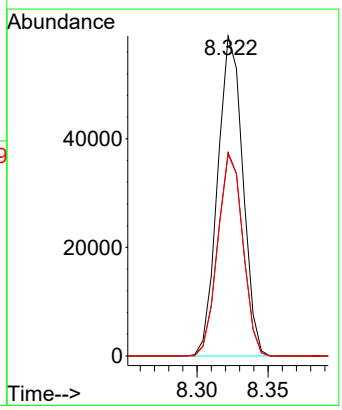


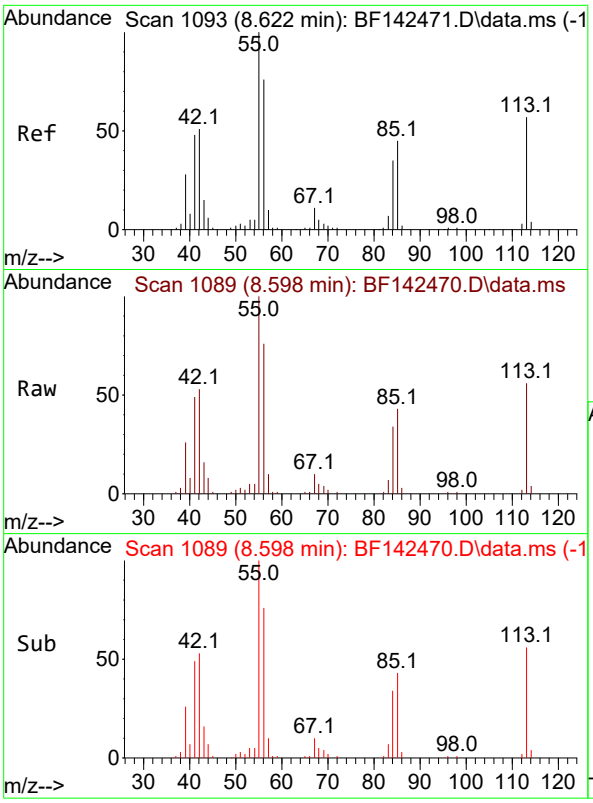


#34
Hexachlorobutadiene
Concen: 20.523 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:225 Resp: 72441

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.0	50.3	75.5



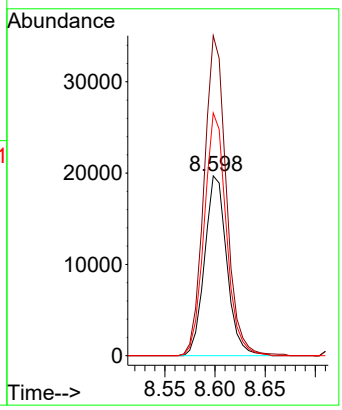


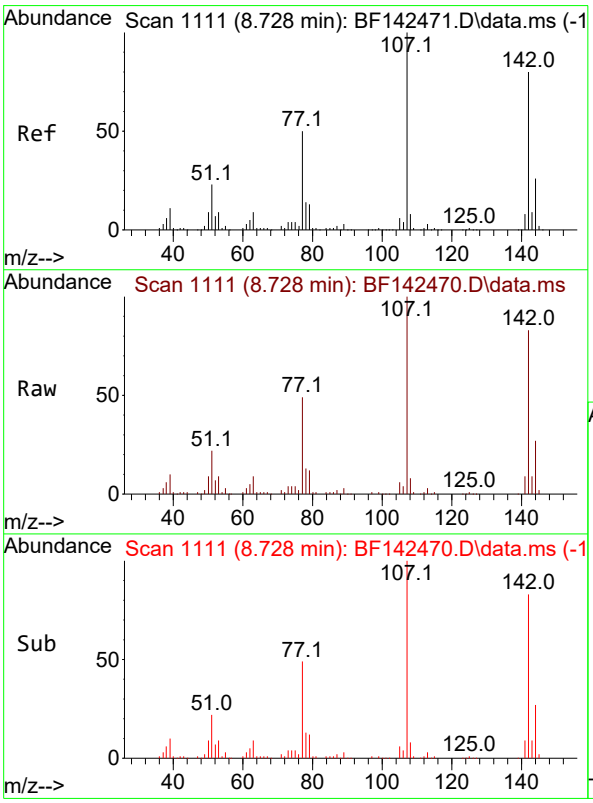
#35
Caprolactam
Concen: 20.762 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 30374

Ion	Ratio	Lower	Upper
113	100		
55	178.0	154.7	194.7
56	135.0	113.2	153.2

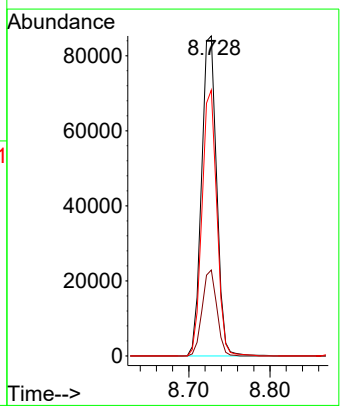


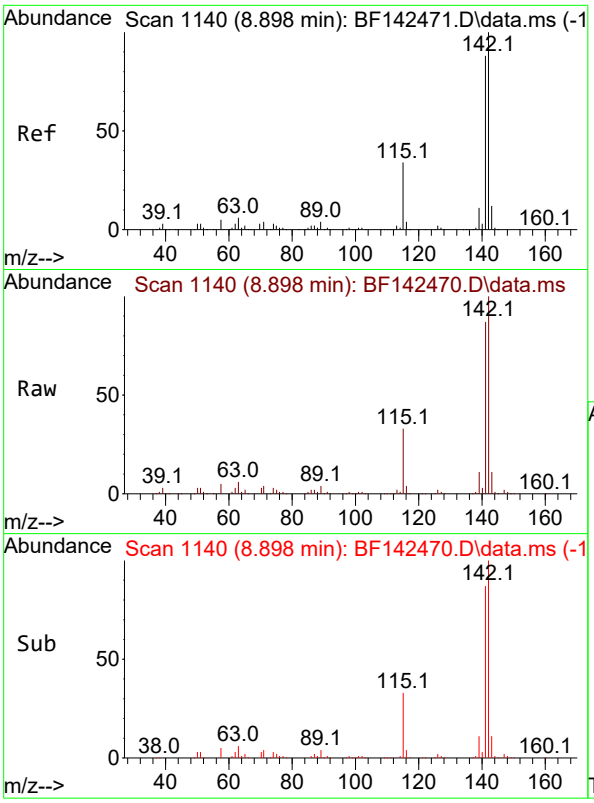


#36
4-Chloro-3-methylphenol
Concen: 20.567 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:107 Resp: 109793

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.9	31.3
142	83.1	64.2	96.2



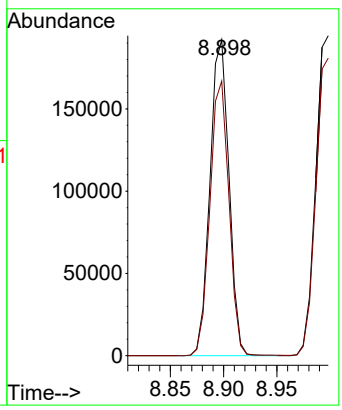


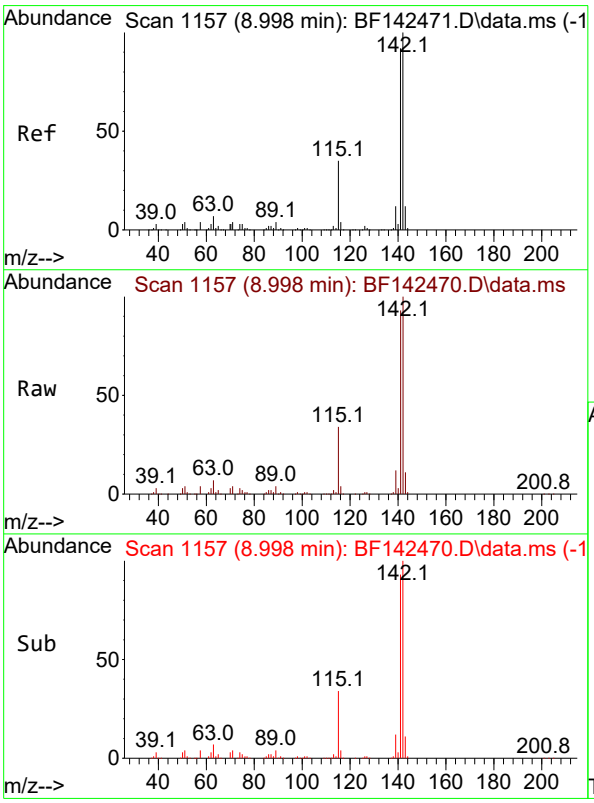
#37
2-Methylnaphthalene
Concen: 20.849 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 237350

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.7	106.1

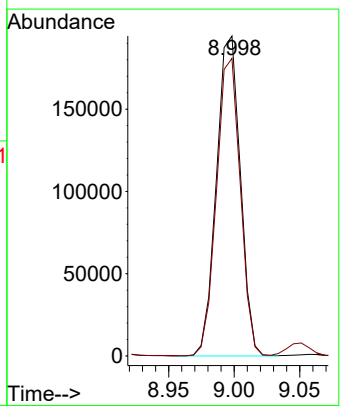


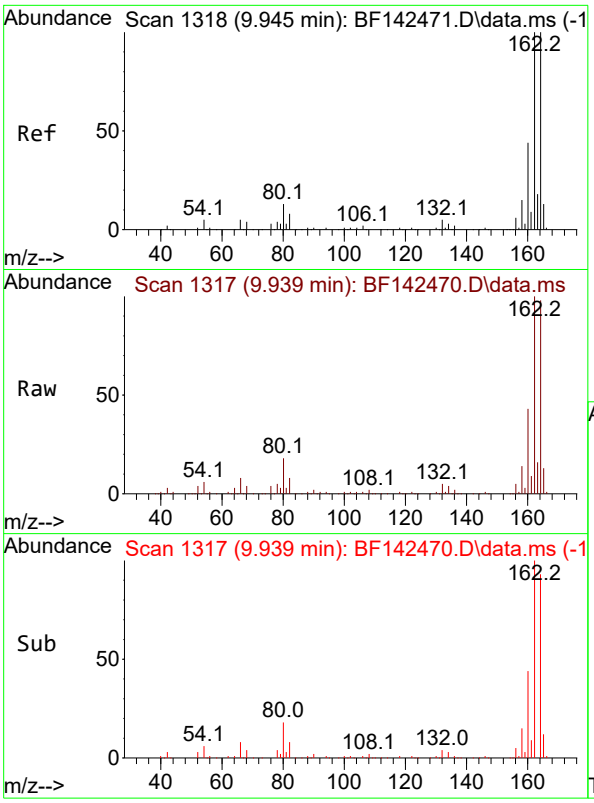


#38
1-Methylnaphthalene
Concen: 20.961 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:142 Resp: 246831

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2



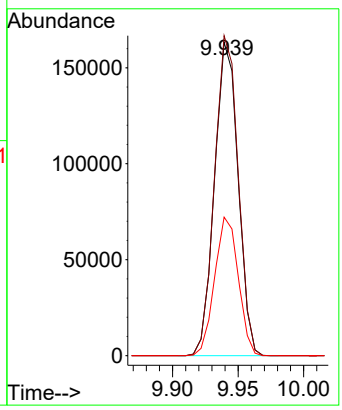


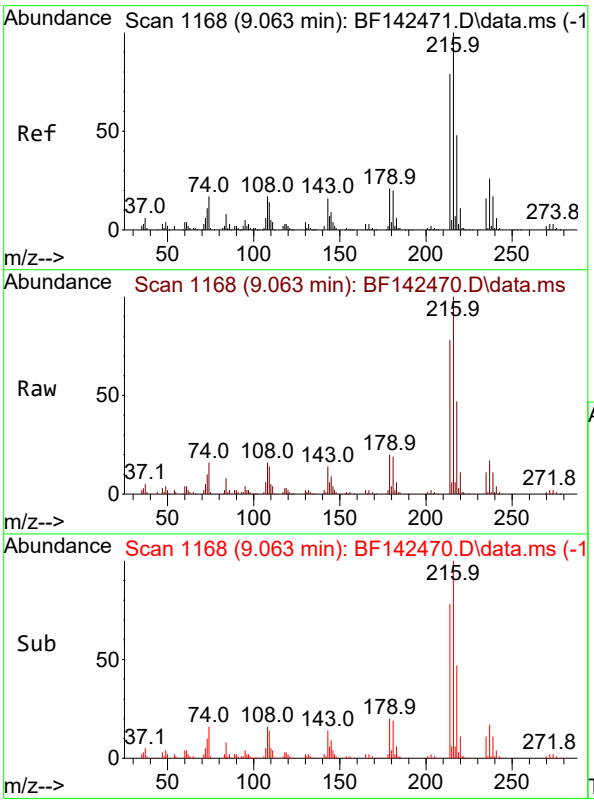
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 204113

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.4
160	44.2	35.6	53.4

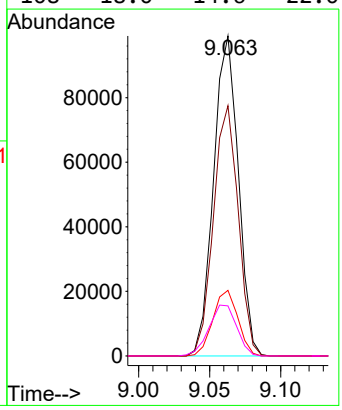


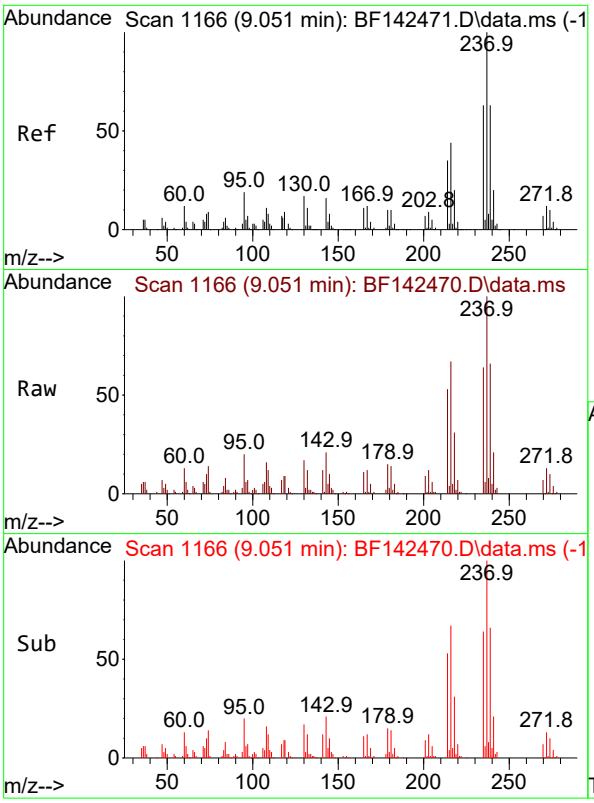


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.477 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:216 Resp: 119980

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
179	20.7	16.9	25.3
108	18.0	14.6	22.0



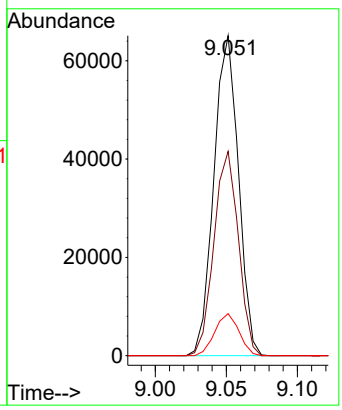


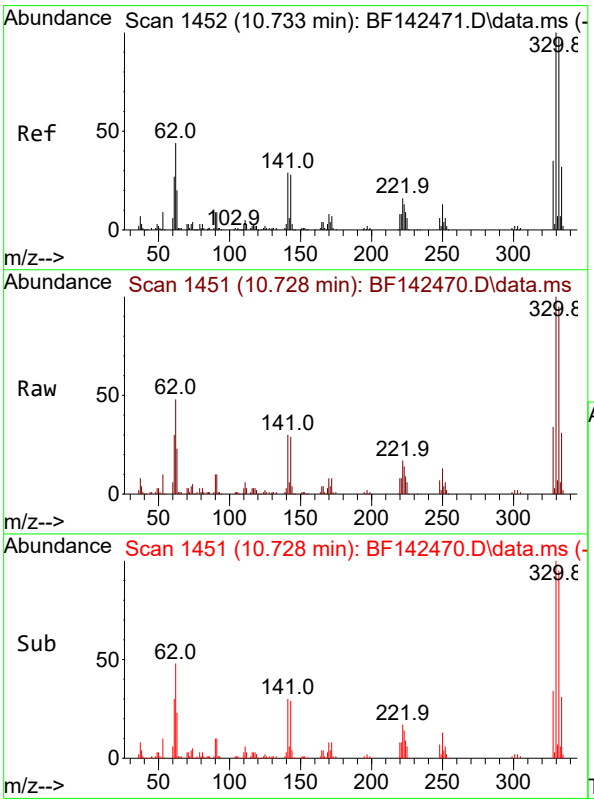
#41
Hexachlorocyclopentadiene
Concen: 19.796 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 78243

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.3	83.3
272	13.2	0.0	32.4

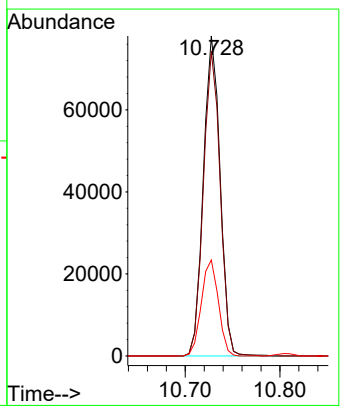


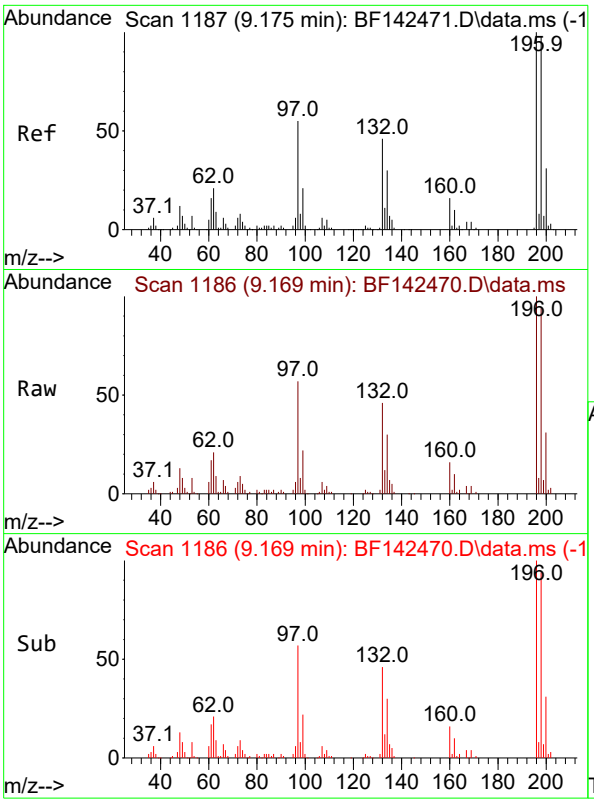


#42
2,4,6-Tribromophenol
Concen: 42.171 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:330 Resp: 95535

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.6	116.4
141	30.4	24.6	36.8



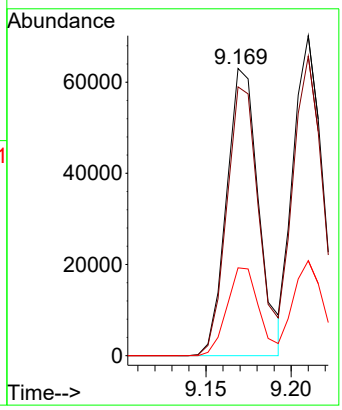


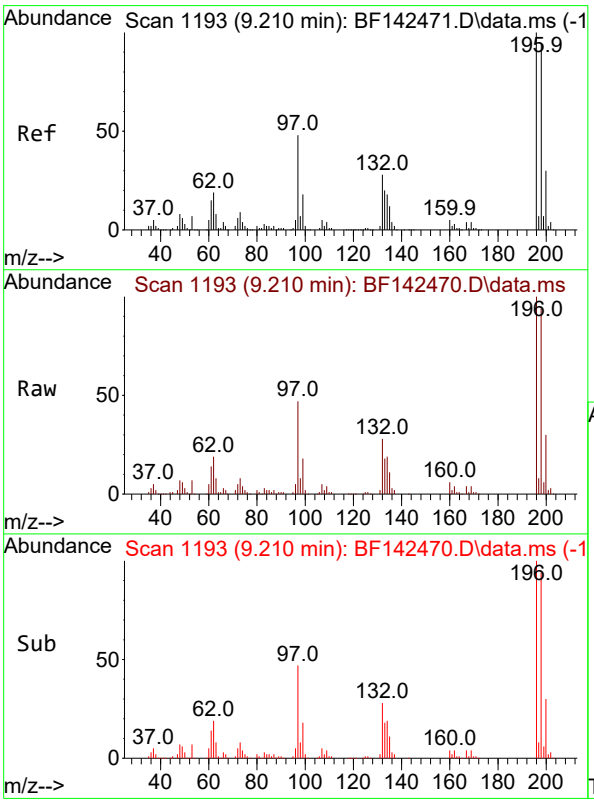
#43
2,4,6-Trichlorophenol
Concen: 20.971 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 82857

Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.8	118.2
200	30.6	24.9	37.3

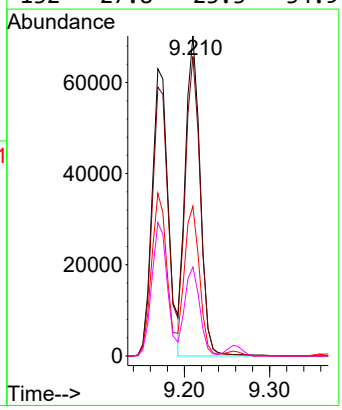


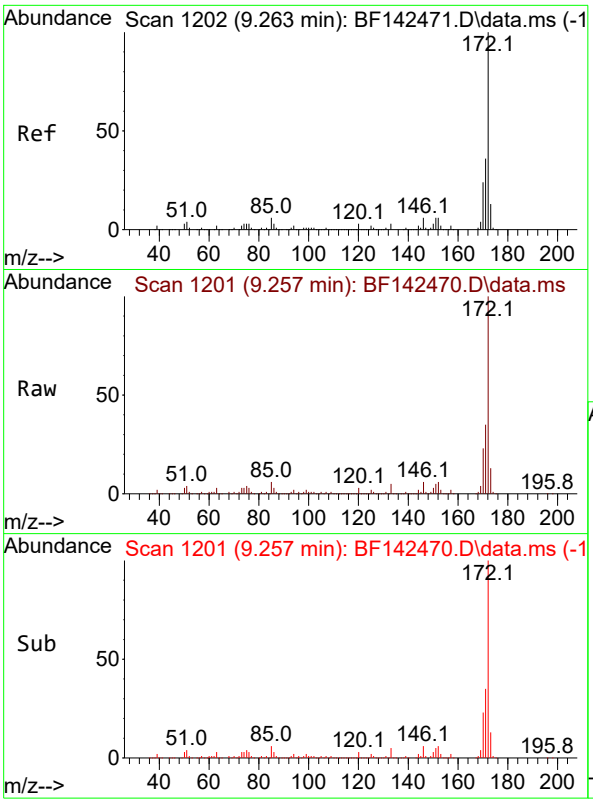


#44
2,4,5-Trichlorophenol
Concen: 20.383 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:196 Resp: 84935

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.5	113.3
97	46.8	39.3	58.9
132	27.8	23.3	34.9



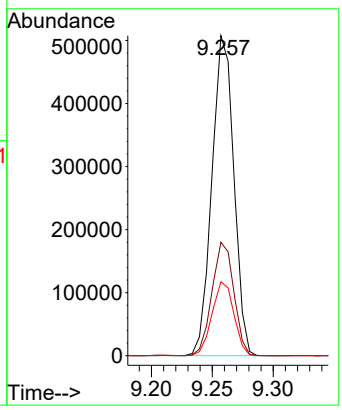


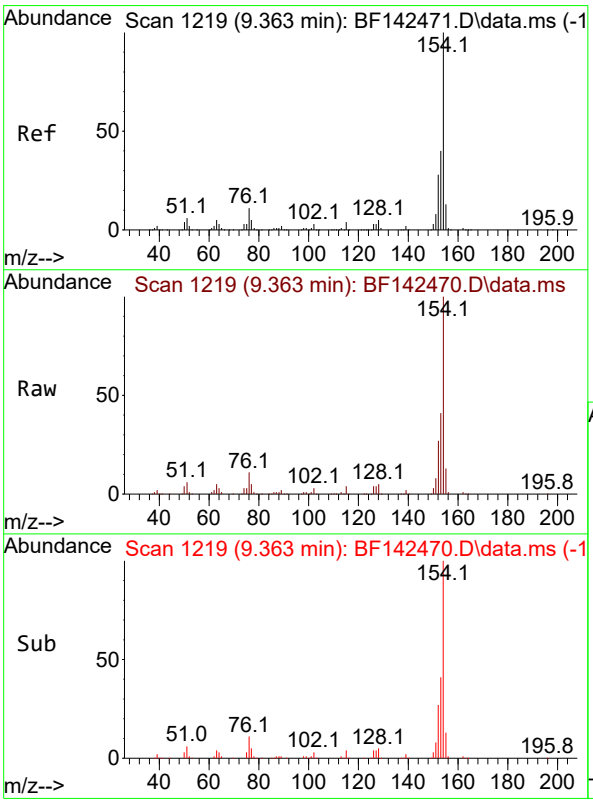
#45
2-Fluorobiphenyl
Concen: 41.799 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 635813

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.1	18.9	28.3

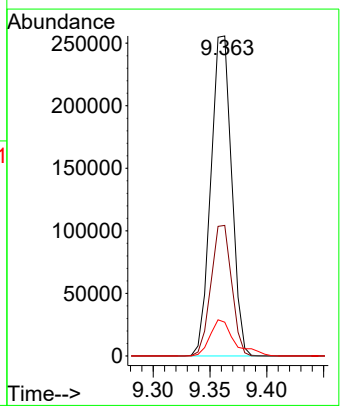


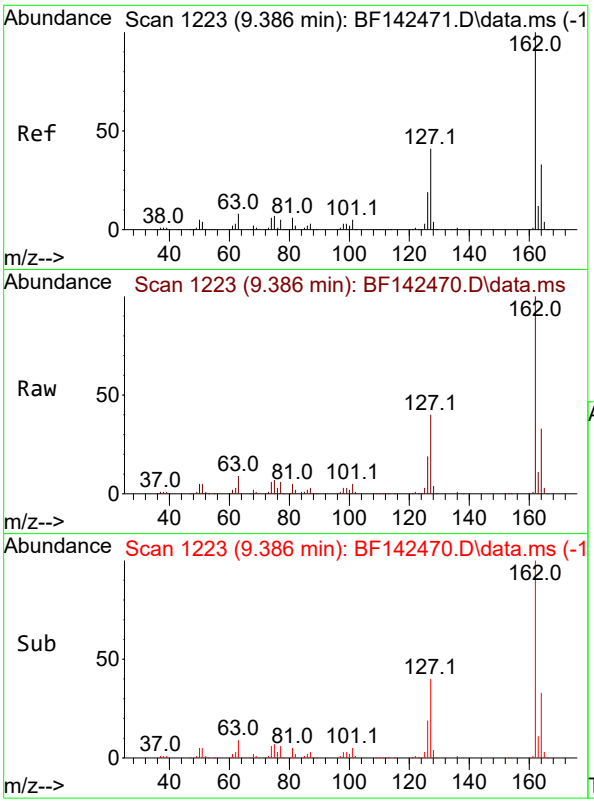


#46
1,1'-Biphenyl
Concen: 20.553 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 325474

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	10.6	0.0	30.8



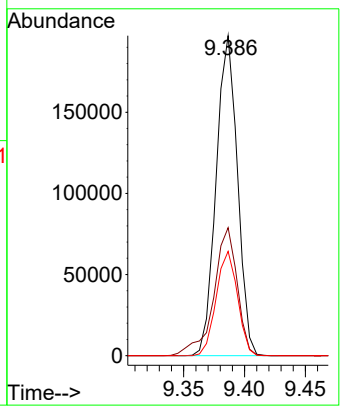


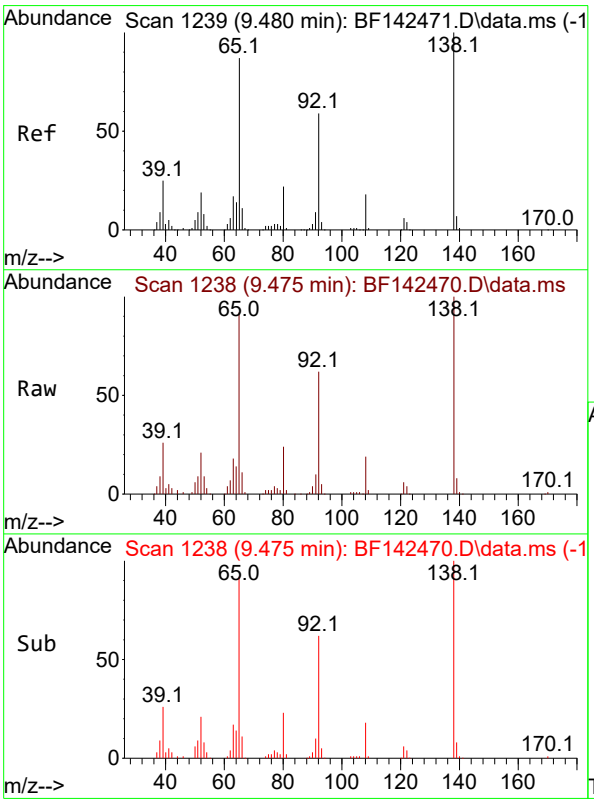
#47
2-Chloronaphthalene
Concen: 20.526 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 240148

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.5	50.3
164	32.6	26.1	39.1

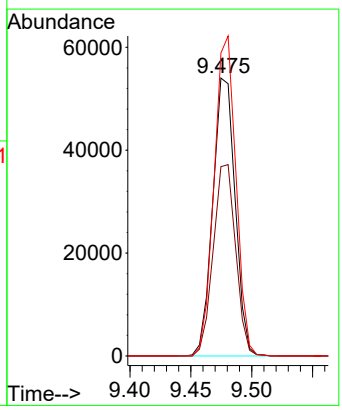


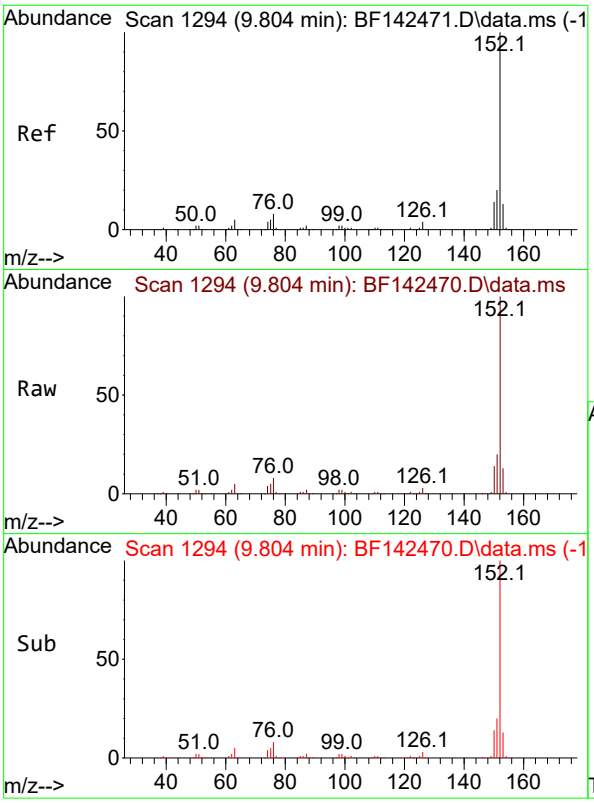


#48
2-Nitroaniline
Concen: 20.424 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 65 Resp: 69068

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	109.0	91.4	137.2



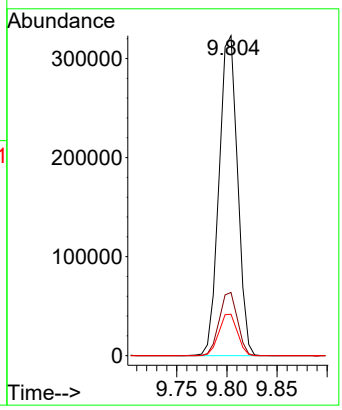


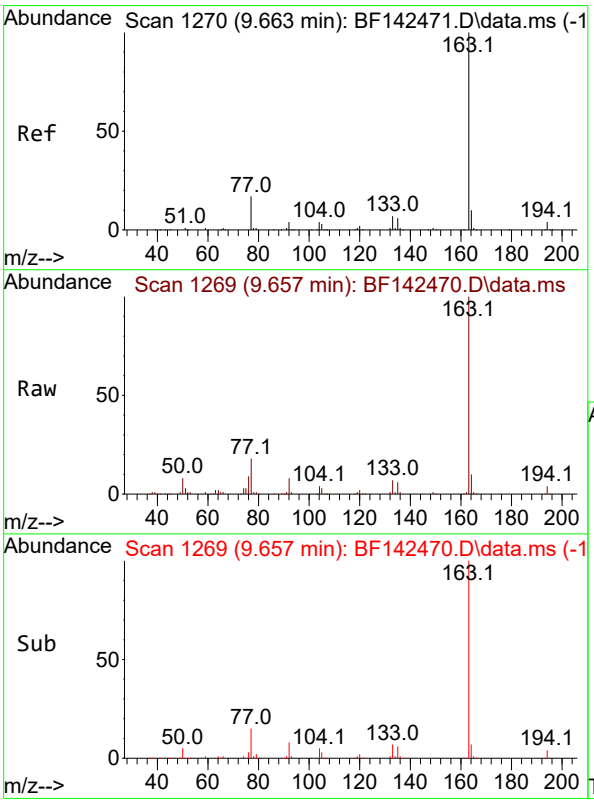
#49
Acenaphthylene
Concen: 20.945 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 413782

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	15.8

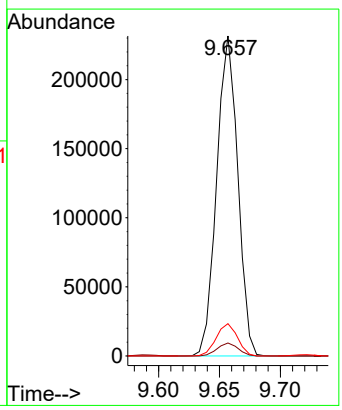


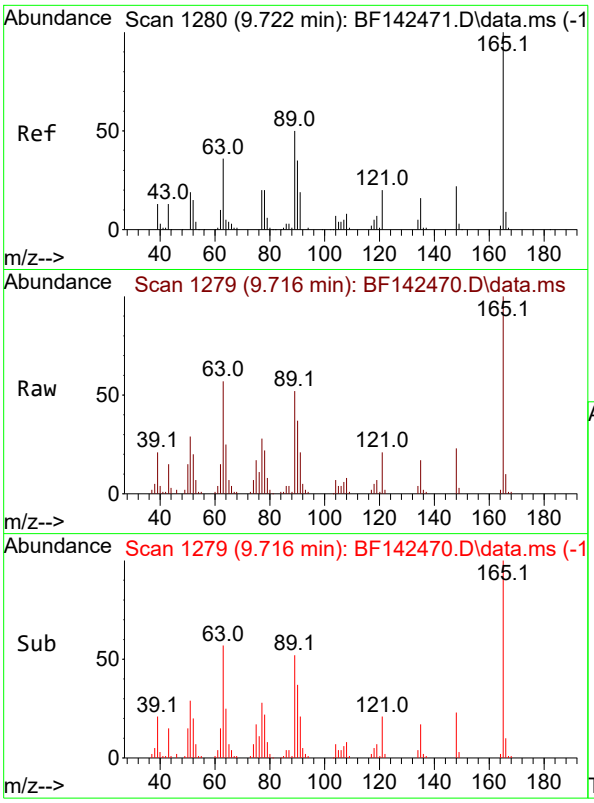


#50
Dimethylphthalate
Concen: 20.724 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:163 Resp: 279113

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.4



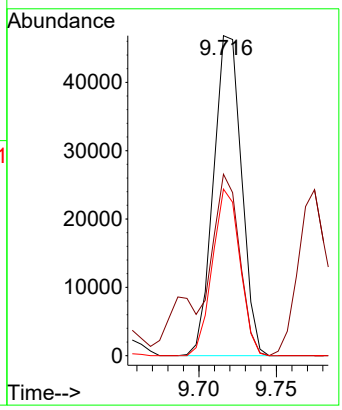


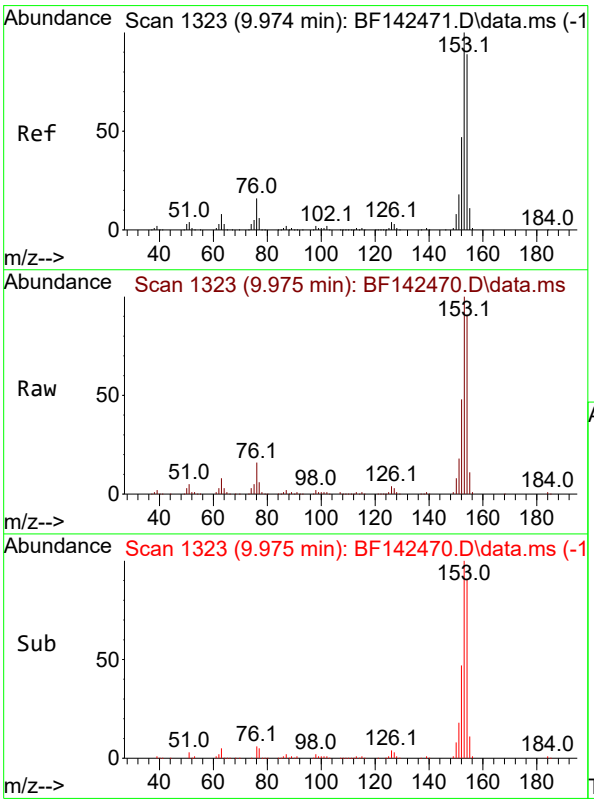
#51
2,6-Dinitrotoluene
Concen: 20.308 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 59031

Ion	Ratio	Lower	Upper
165	100		
63	56.7	42.9	64.3
89	52.1	40.2	60.4

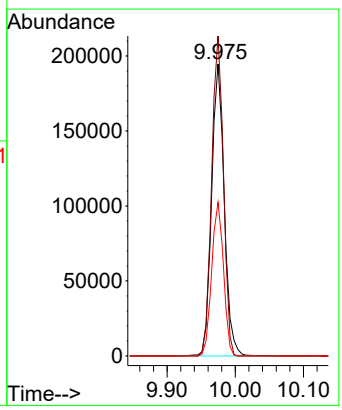


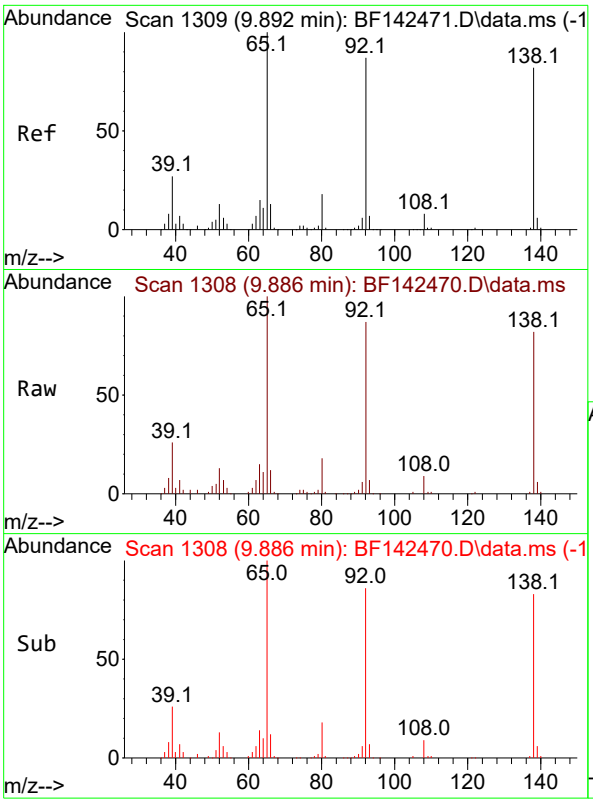


#52
Acenaphthene
Concen: 20.764 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 250487

Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.0	135.0
152	52.6	42.6	64.0



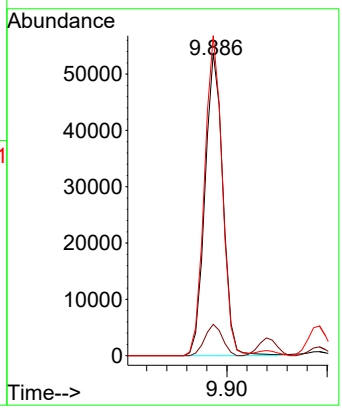


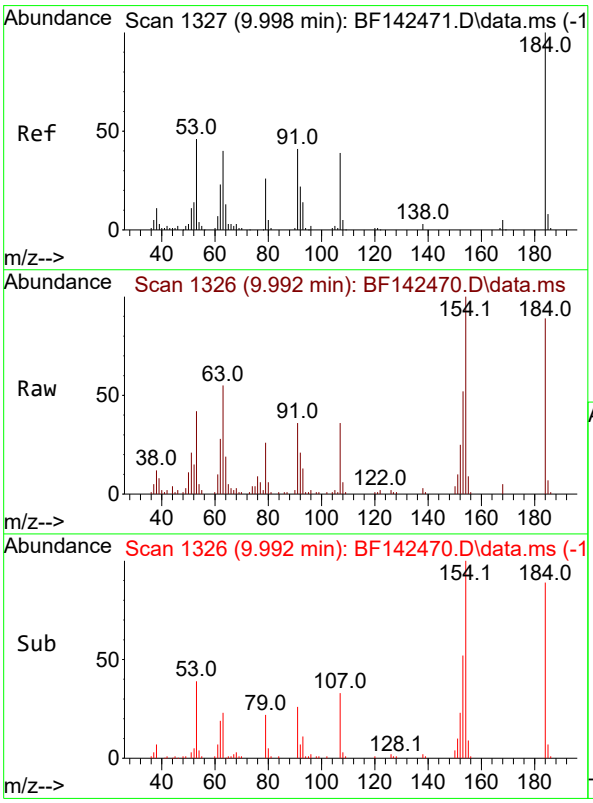
#53
3-Nitroaniline
Concen: 21.055 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 66847

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	105.6	85.2	127.8

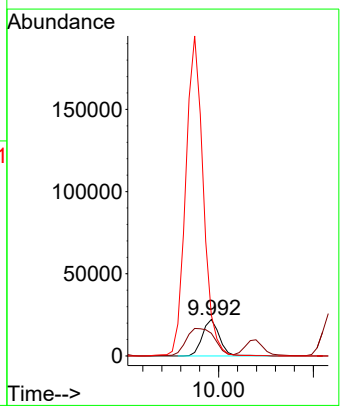


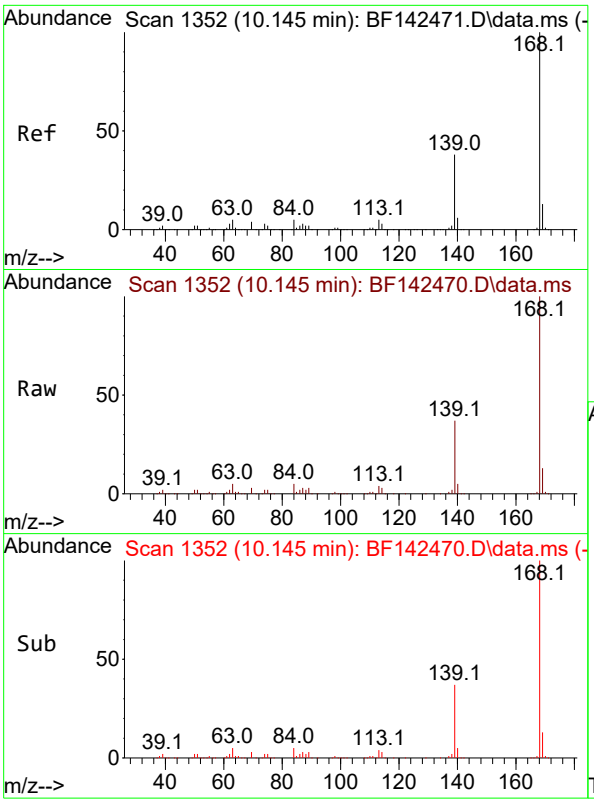


#54
2,4-Dinitrophenol
Concen: 18.553 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:184 Resp: 27863

Ion	Ratio	Lower	Upper
184	100		
63	62.4	46.3	69.5
154	112.6	56.8	85.2#



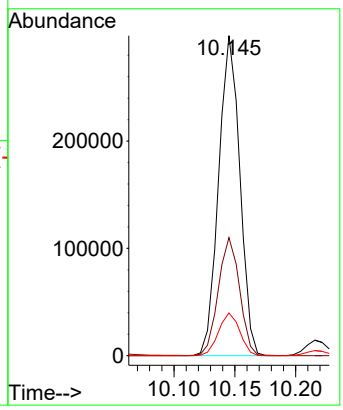


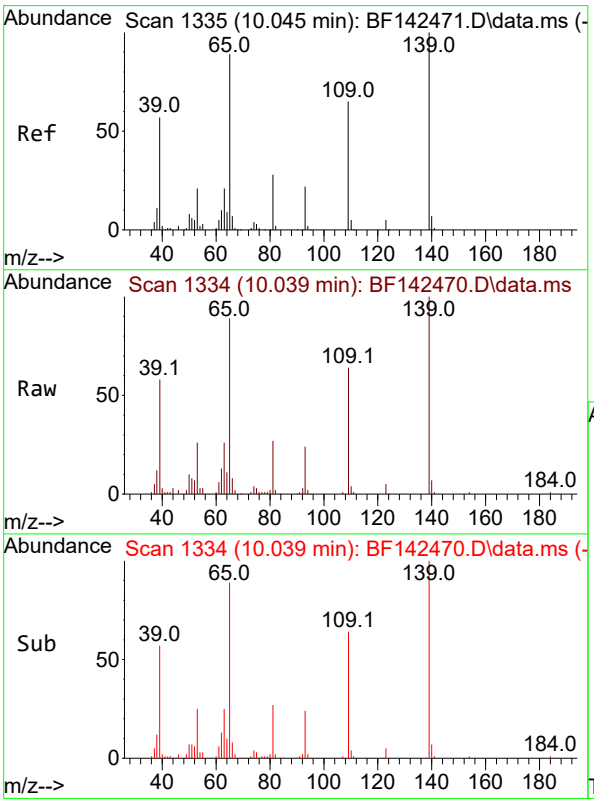
#55
Dibenzofuran
Concen: 20.792 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 360936

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.2	45.2
169	13.4	10.7	16.1

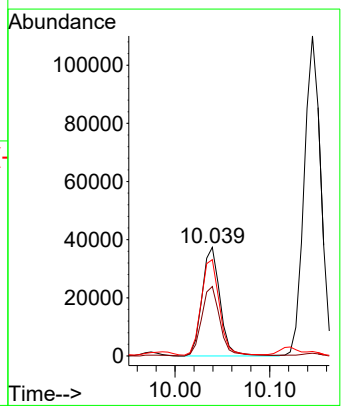


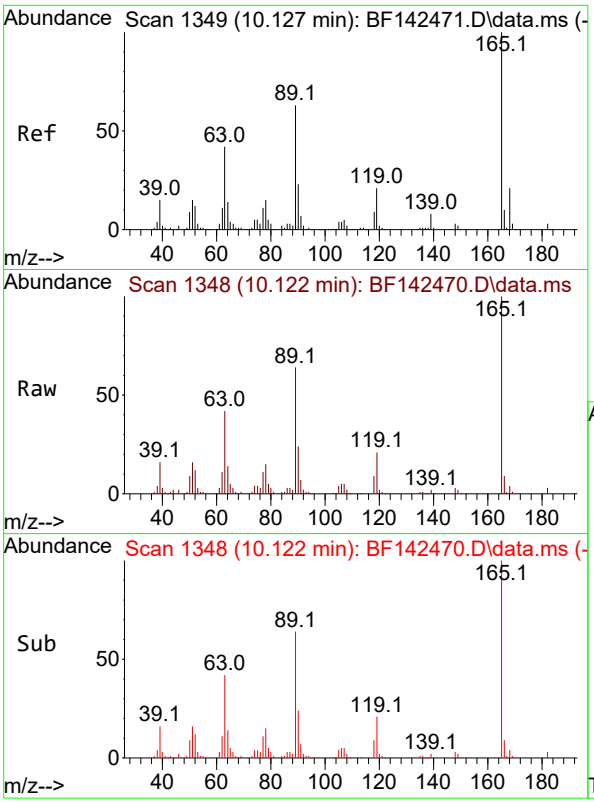


#56
4-Nitrophenol
Concen: 21.067 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:139 Resp: 49352

Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.1	85.1
65	88.7	69.7	109.7



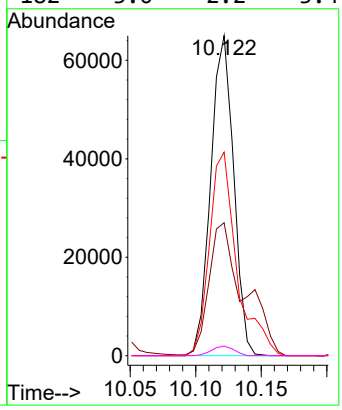


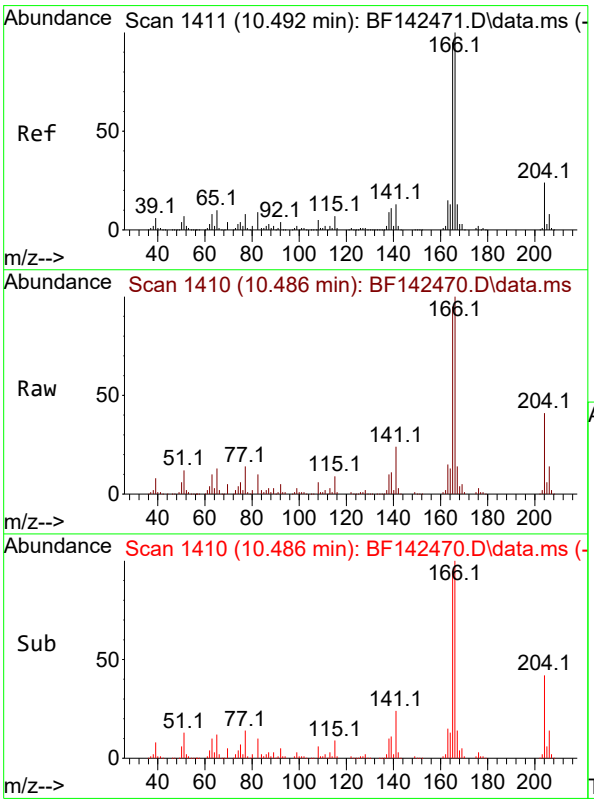
#57
2,4-Dinitrotoluene
Concen: 20.827 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 79063

Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.6	50.4
89	63.6	50.2	75.4
182	3.0	2.2	3.4

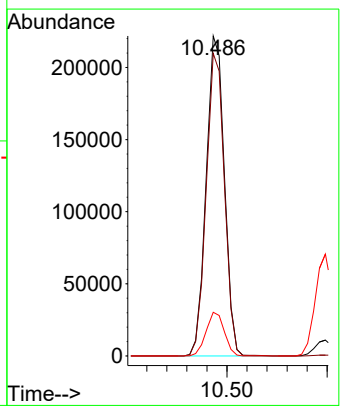


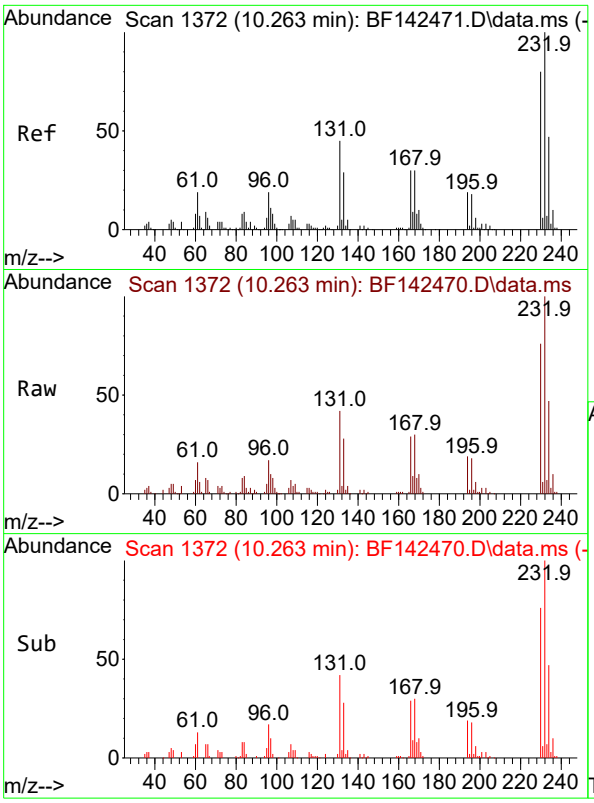


#58
Fluorene
Concen: 20.878 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:166 Resp: 279994

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.8	113.8
167	13.6	10.6	16.0



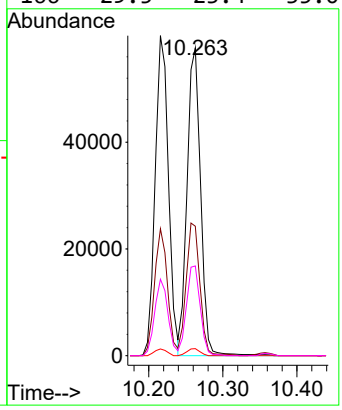


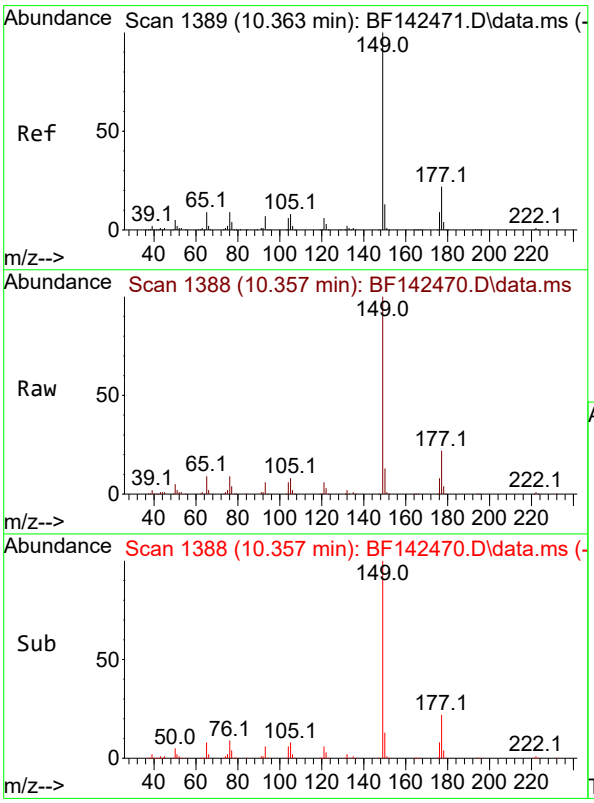
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.140 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 73538

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.2	52.8
130	2.2	1.7	2.5
166	29.5	23.4	35.0

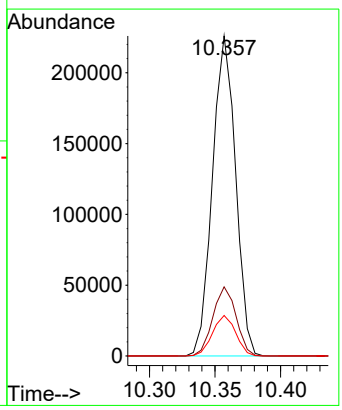


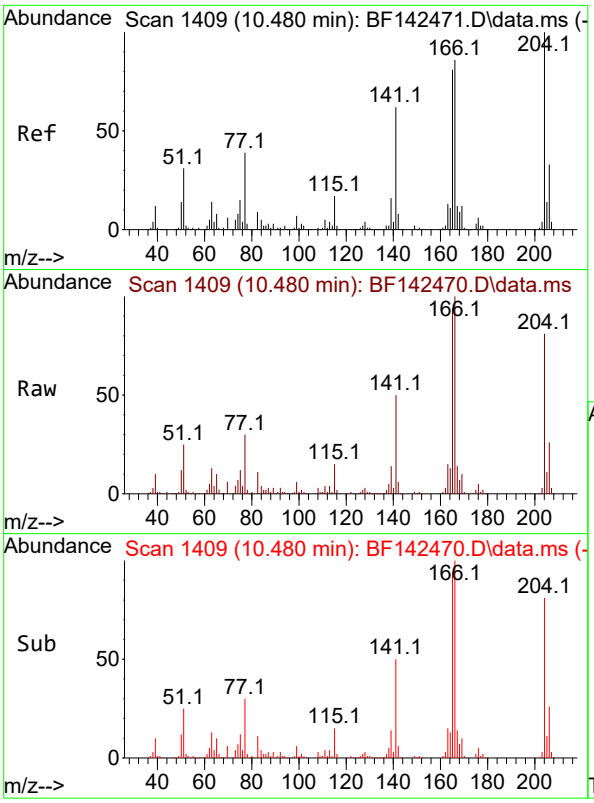


#60
Diethylphthalate
Concen: 21.084 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 277325

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.7	10.1	15.1



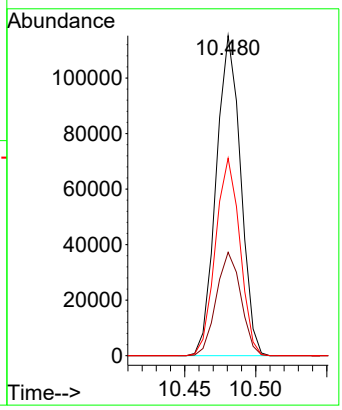


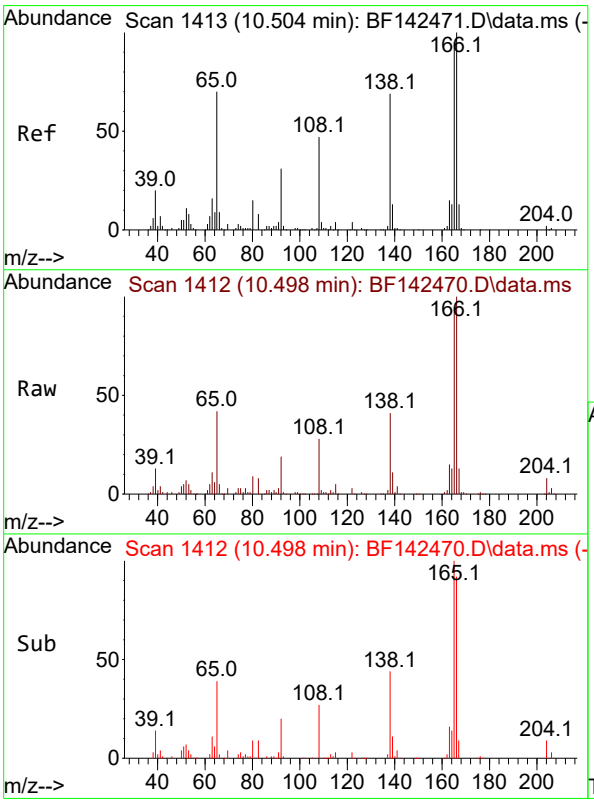
#61
4-Chlorophenyl-phenylether
Concen: 20.944 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 137985

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	61.7	49.5	74.3

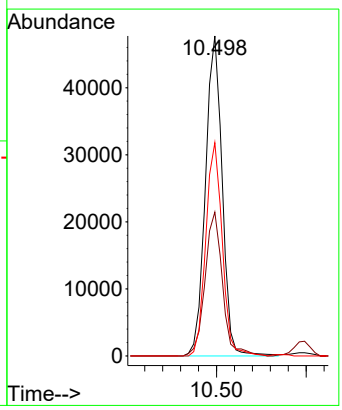


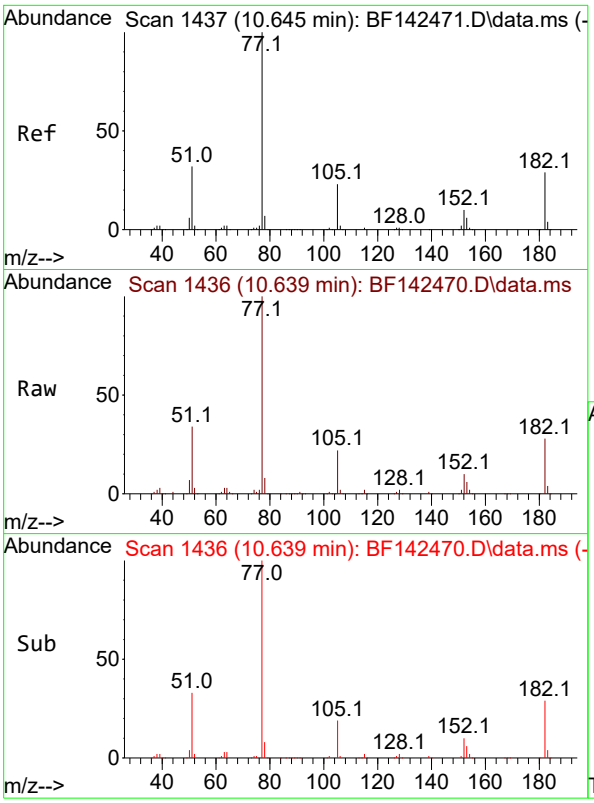


#62
4-Nitroaniline
Concen: 21.481 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:138 Resp: 61856

Ion	Ratio	Lower	Upper
138	100		
92	44.9	26.0	66.0
108	66.7	48.4	88.4



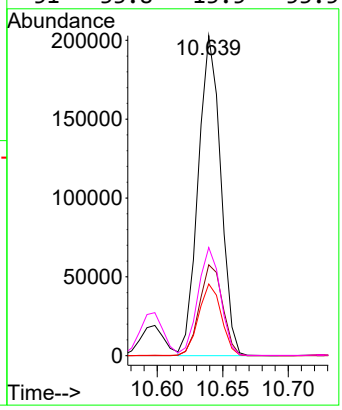


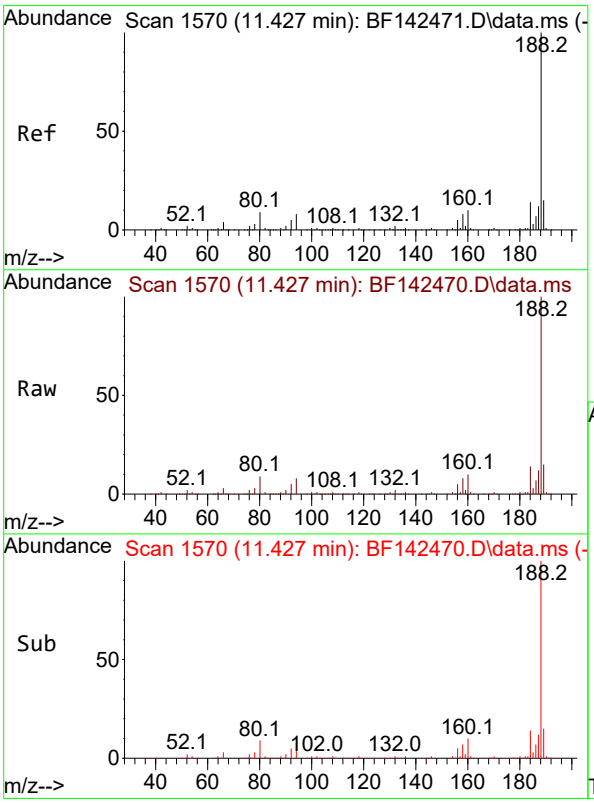
#63
Azobenzene
Concen: 20.530 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 242545

Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.0	49.0
105	22.4	2.4	42.4
51	33.8	13.5	53.5

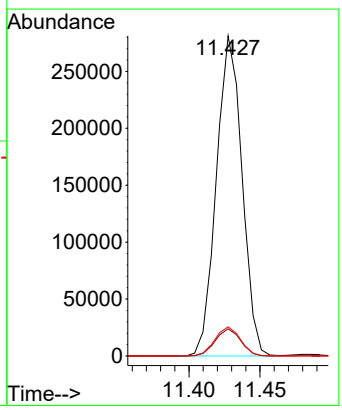


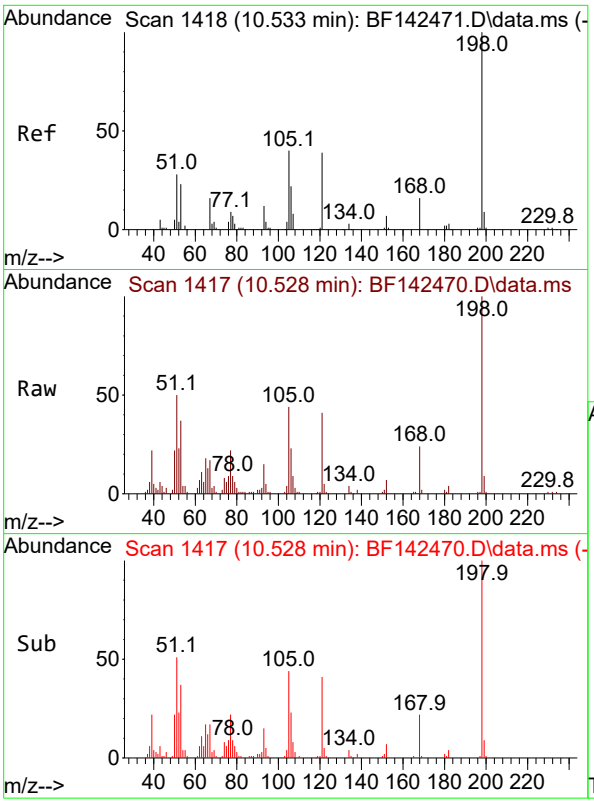


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:188 Resp: 353003

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.1	7.4	11.0



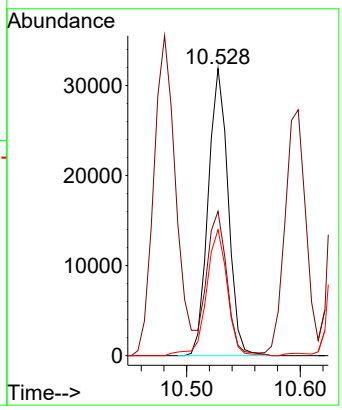


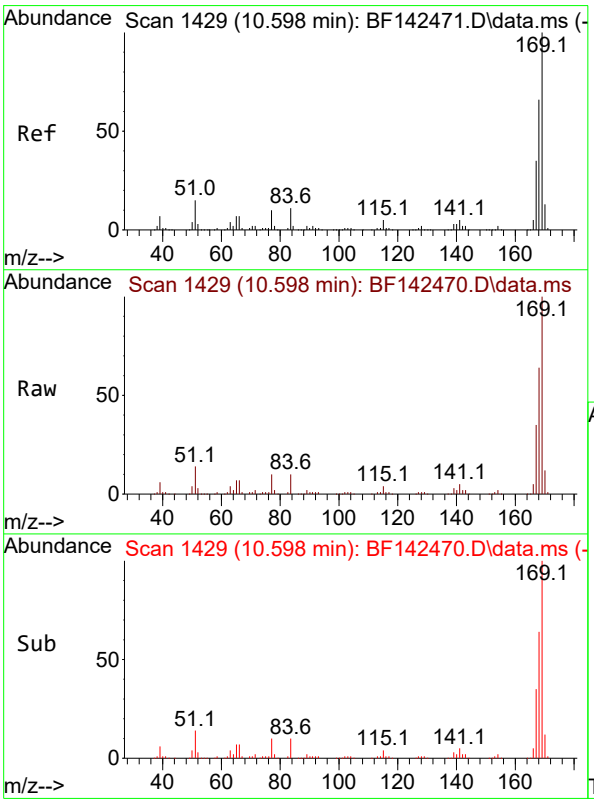
#65
4,6-Dinitro-2-methylphenol
Concen: 19.673 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 38757

Ion	Ratio	Lower	Upper
198	100		
51	50.3	28.3	68.3
105	43.9	21.3	61.3

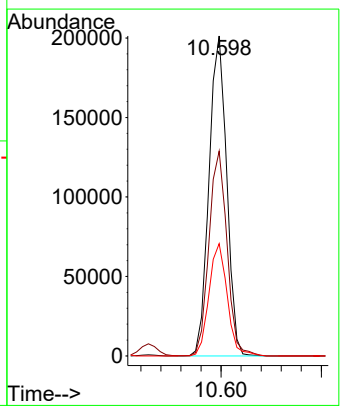


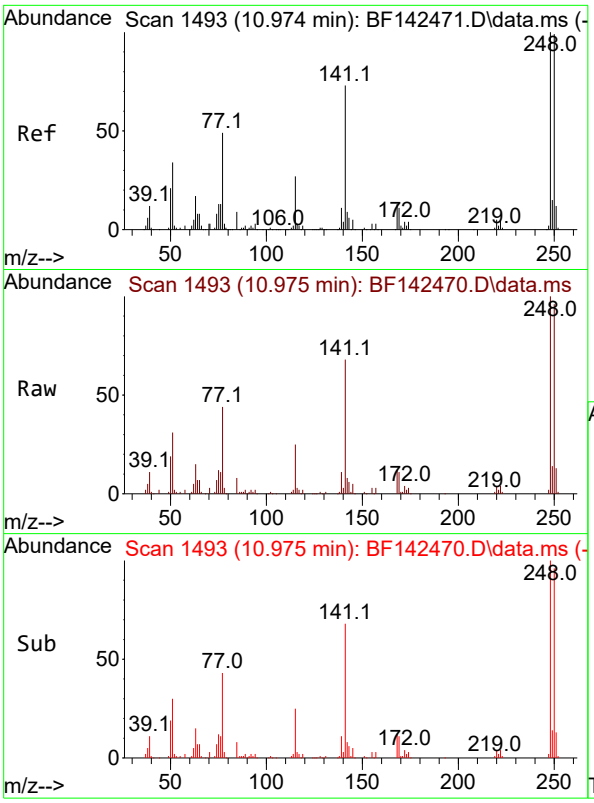


#66
n-Nitrosodiphenylamine
Concen: 20.348 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:169 Resp: 245739

Ion	Ratio	Lower	Upper
169	100		
168	64.0	52.7	79.1
167	35.1	28.3	42.5



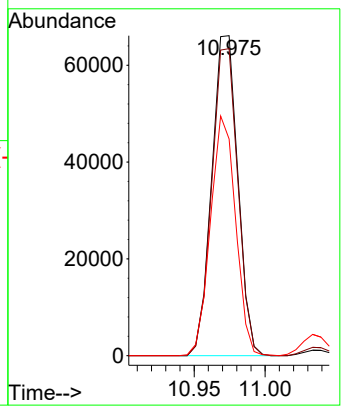


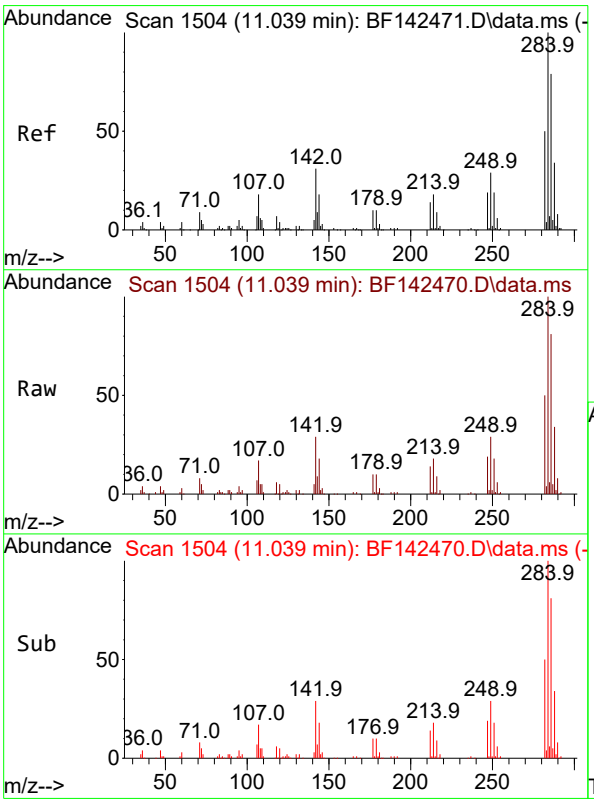
#67
4-Bromophenyl-phenylether
Concen: 20.222 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 84406

Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.0	118.4
141	67.7	58.4	87.6

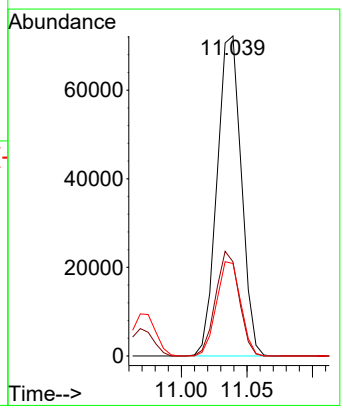


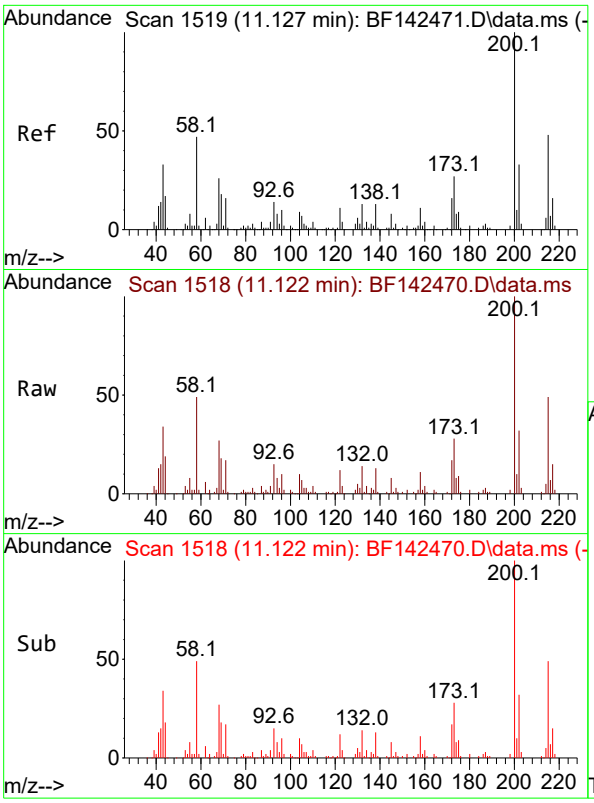


#68
Hexachlorobenzene
Concen: 20.102 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:284 Resp: 92803

Ion	Ratio	Lower	Upper
284	100		
142	29.4	24.8	37.2
249	28.9	23.6	35.4



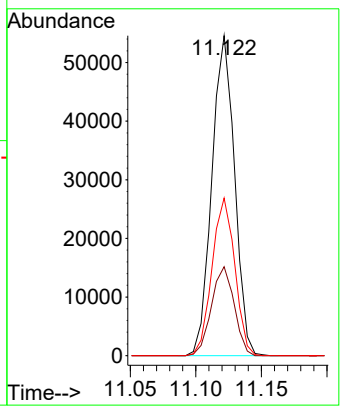


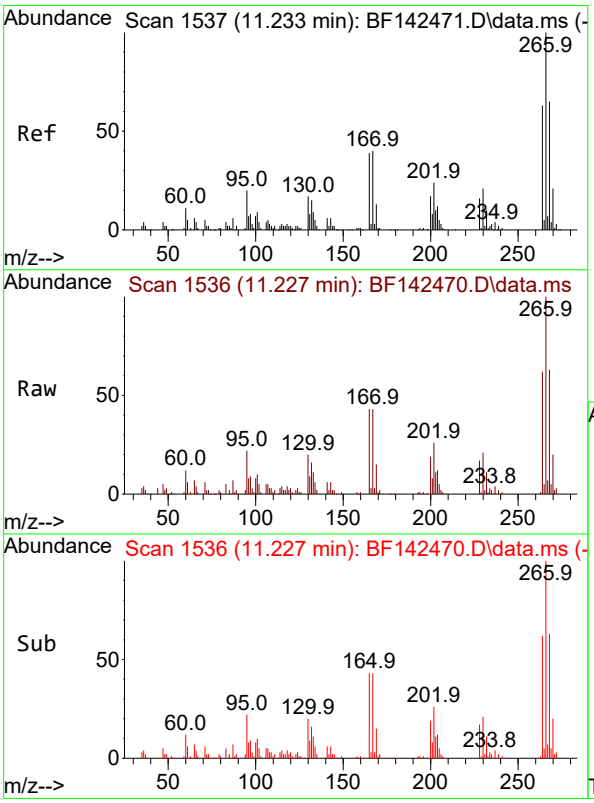
#69
Atrazine
Concen: 20.471 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 65656

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	49.2	28.5	68.5

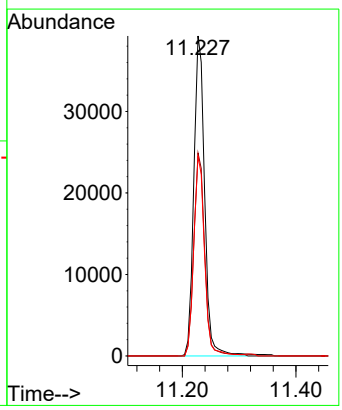


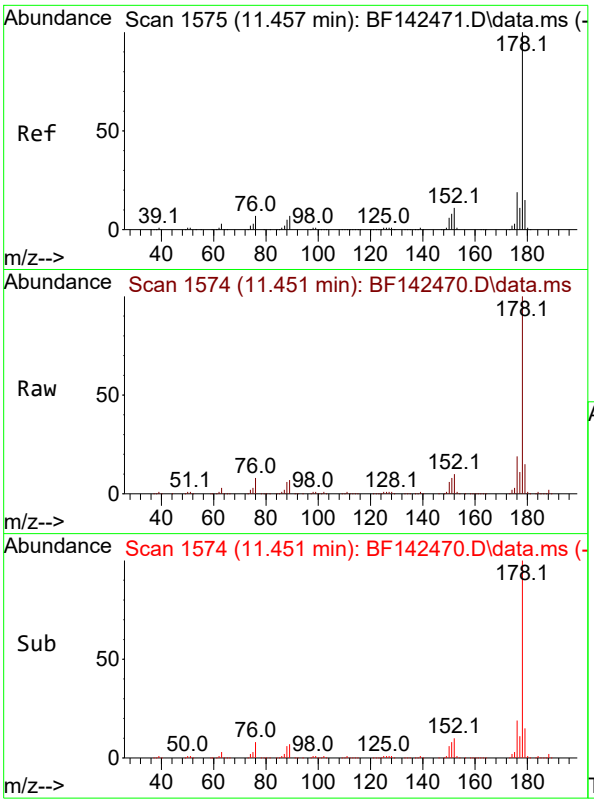


#70
Pentachlorophenol
Concen: 20.152 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:266 Resp: 52525

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.7	77.5
264	62.5	50.4	75.6



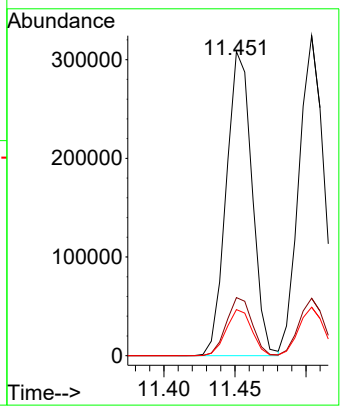


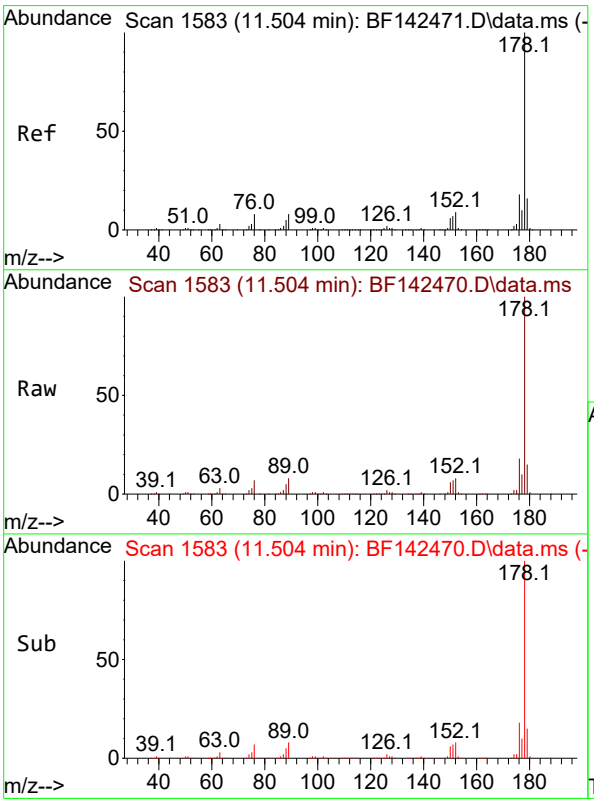
#71
Phenanthrene
Concen: 20.584 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 388317

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.3	18.5

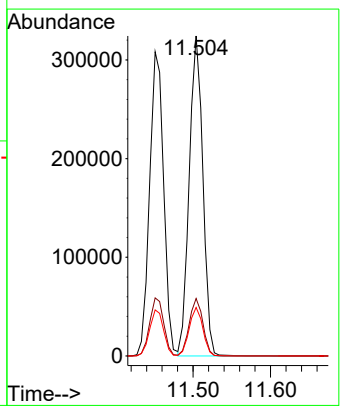


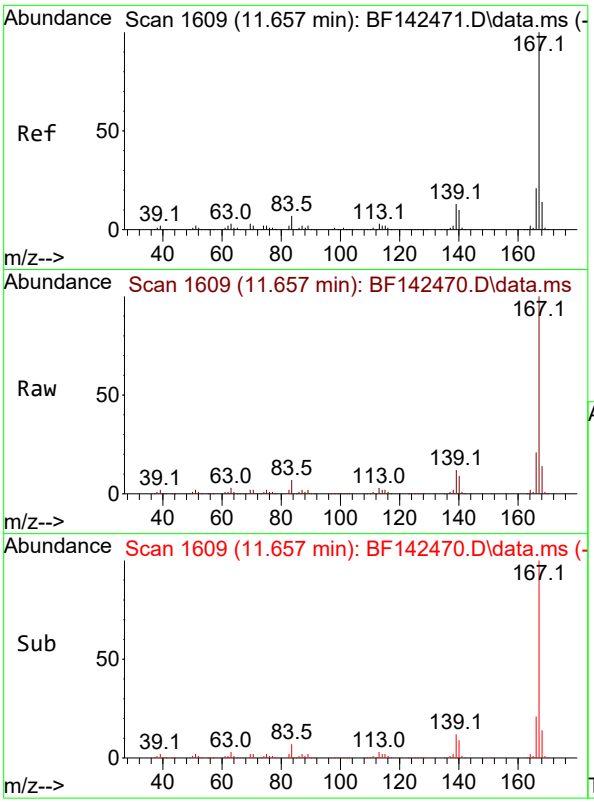


#72
Anthracene
Concen: 20.604 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:178 Resp: 396704

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.4	18.6



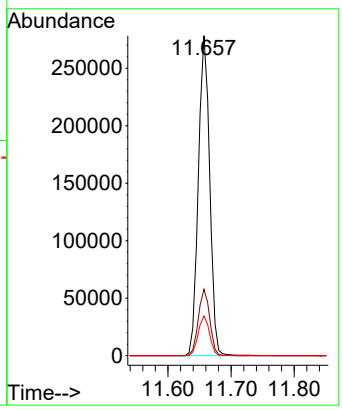


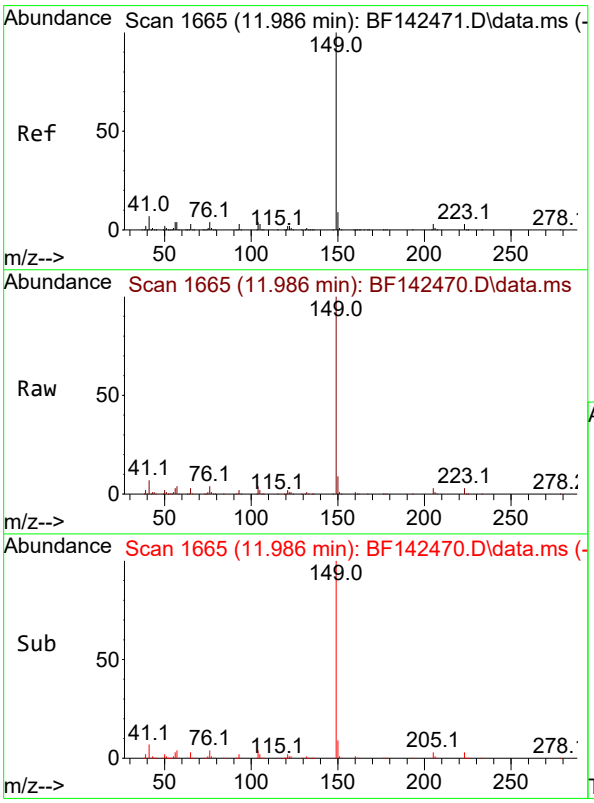
#73
Carbazole
Concen: 21.055 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 346558

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.9	25.3
139	12.4	10.2	15.4

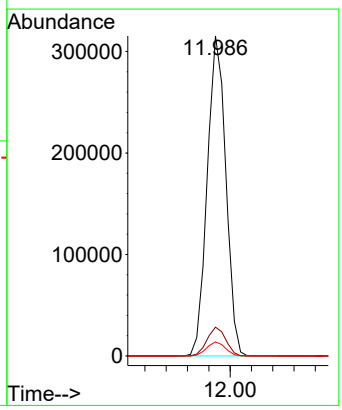


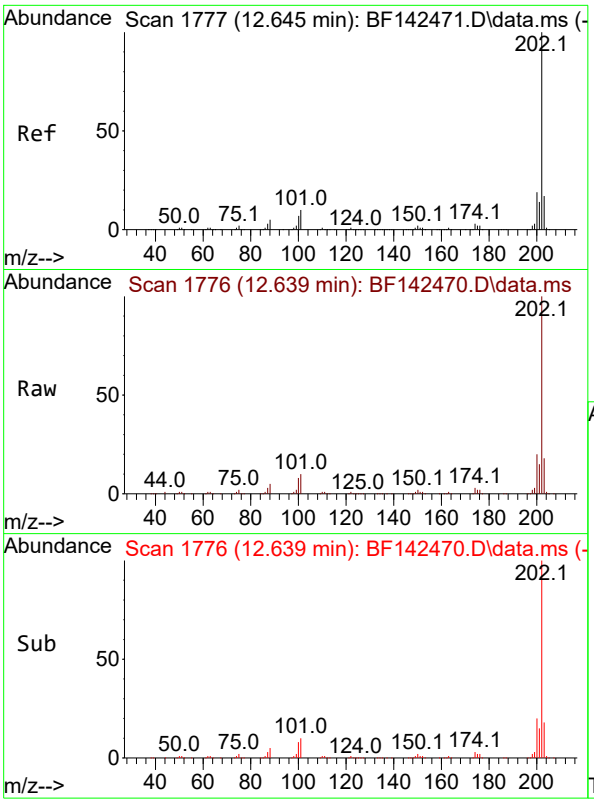


#74
Di-n-butylphthalate
Concen: 21.221 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 382324

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.4	3.6	5.4



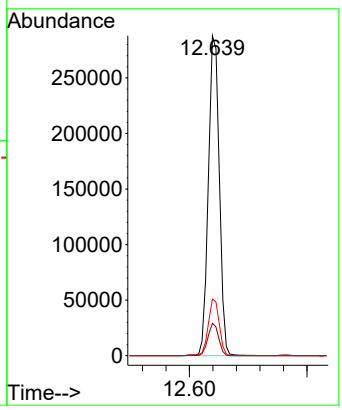


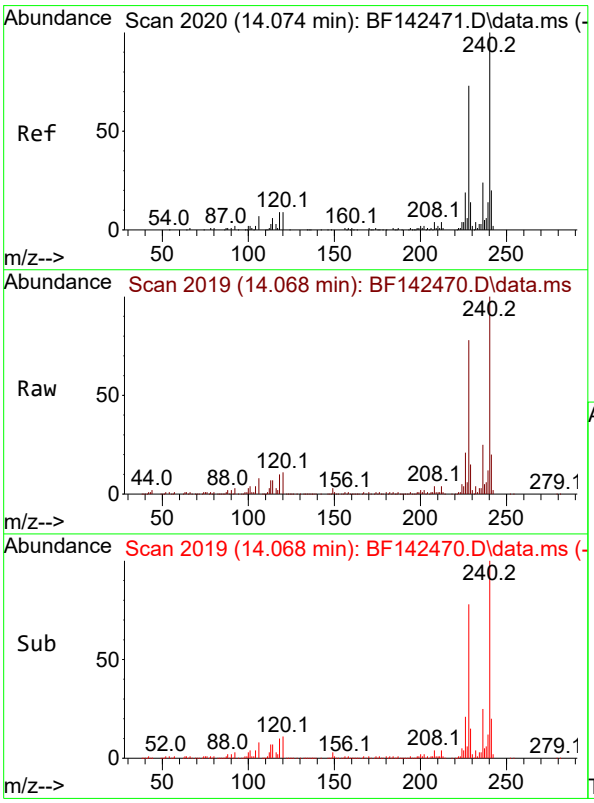
#75
Fluoranthene
Concen: 21.059 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 371226

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.7	0.0	37.2

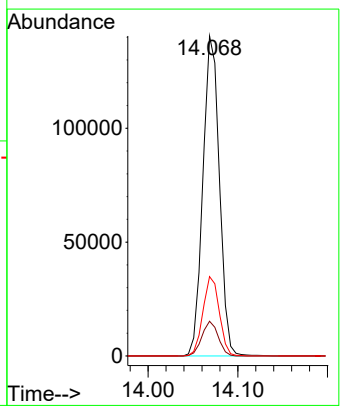


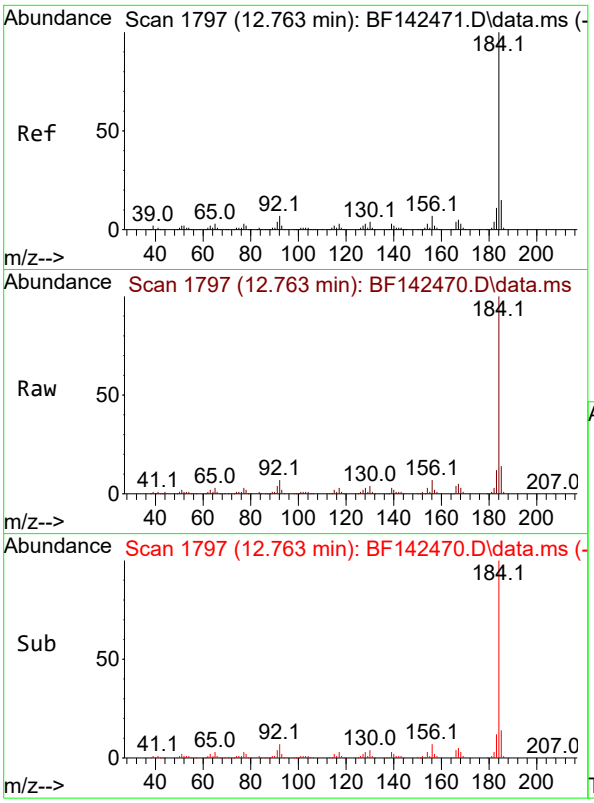


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:240 Resp: 179495

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	24.8	19.6	29.4



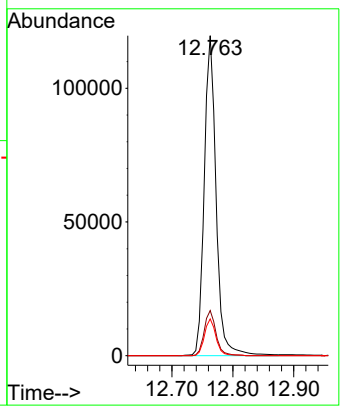


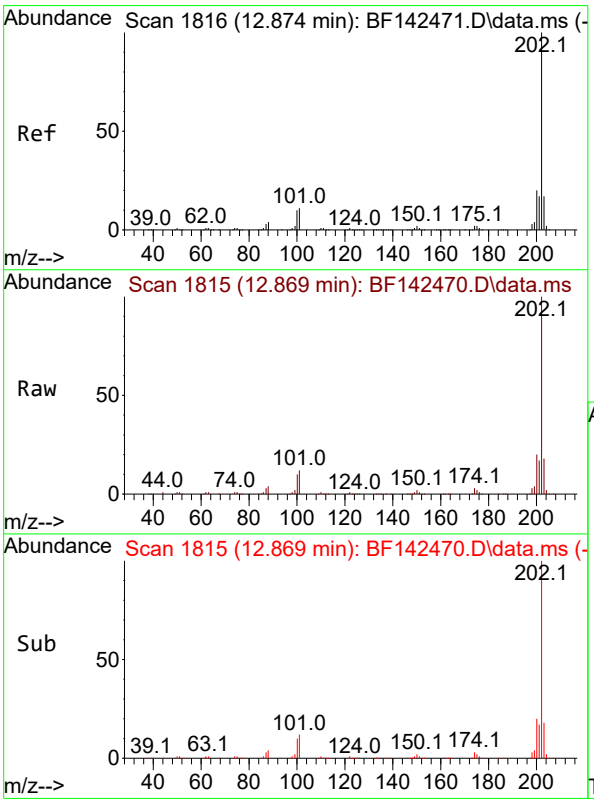
#77
Benzidine
Concen: 24.258 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 162031

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	11.5	9.0	13.4

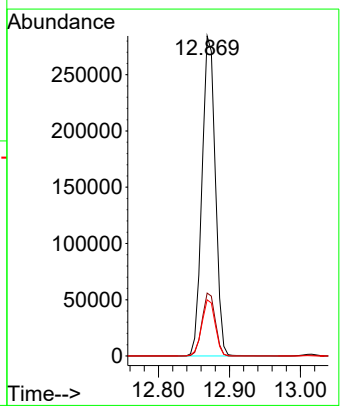


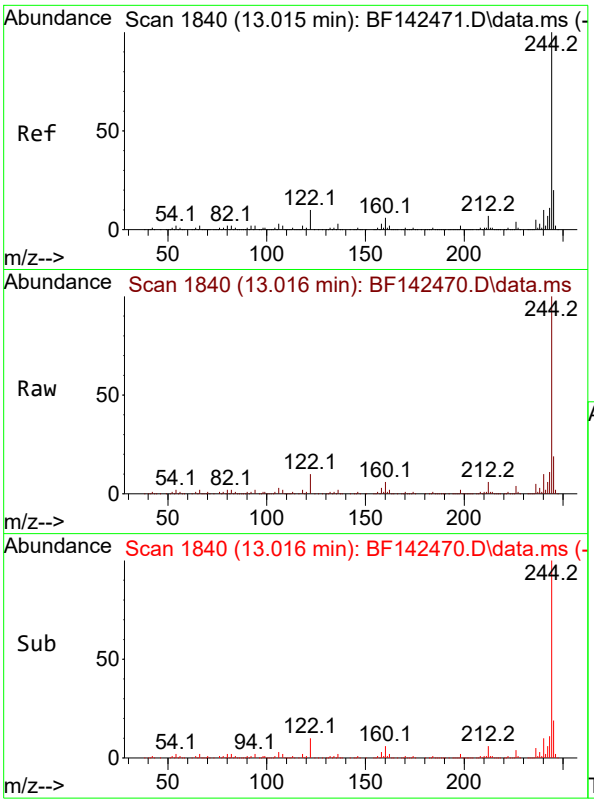


#78
Pyrene
Concen: 22.144 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:202 Resp: 370789

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.1	24.1
203	17.6	13.9	20.9



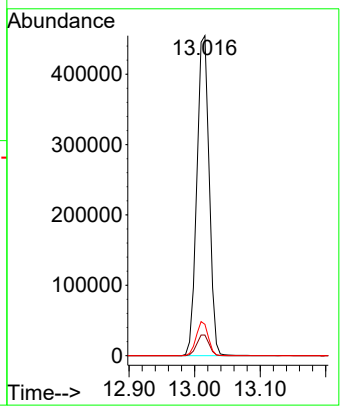


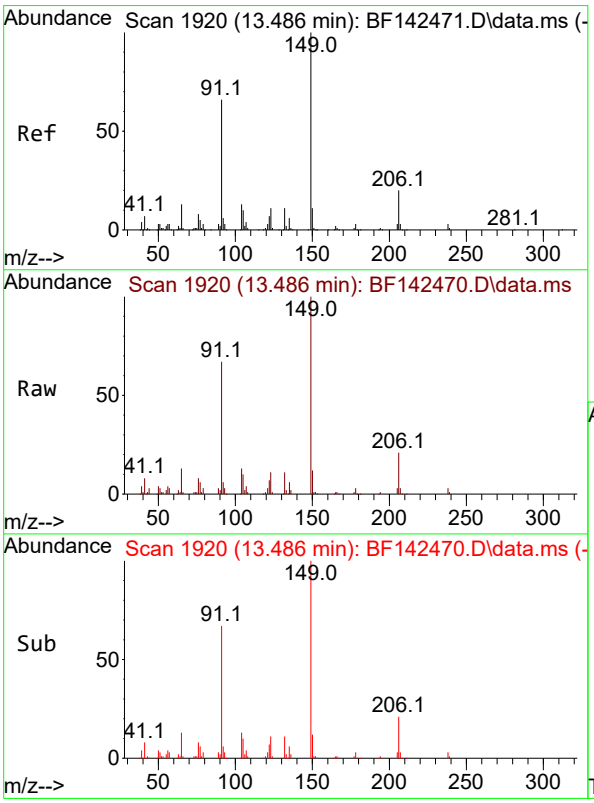
#79
Terphenyl-d14
Concen: 45.382 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 596097

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	9.8	8.2	12.2

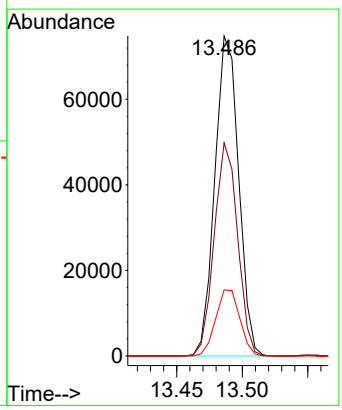


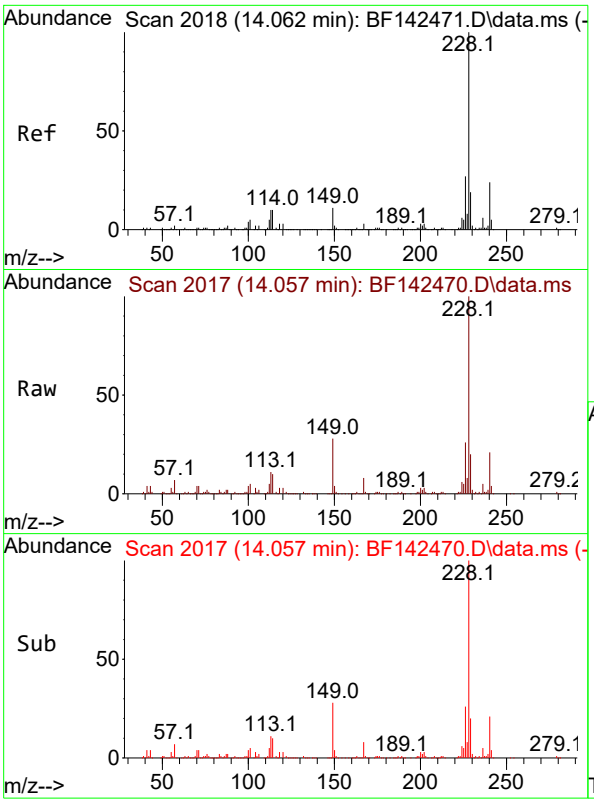


#80
Butylbenzylphthalate
Concen: 20.379 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 94290

Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.9	79.3
206	20.7	16.2	24.2



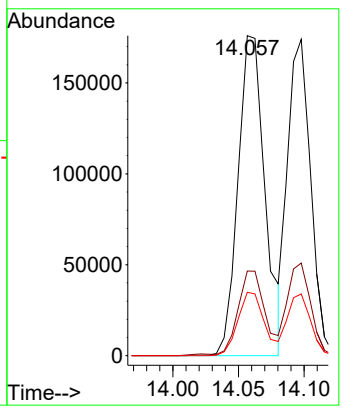


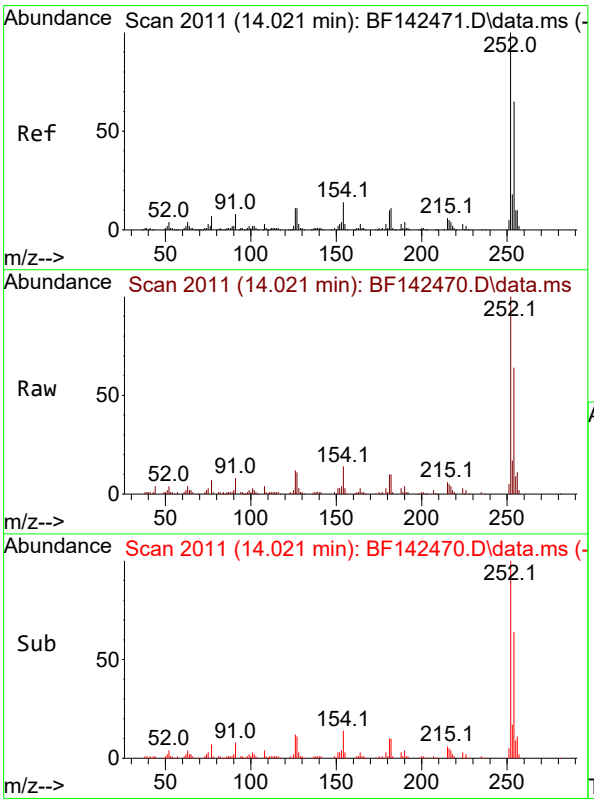
#81
Benzo(a)anthracene
Concen: 21.013 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 251858

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.8	15.5	23.3

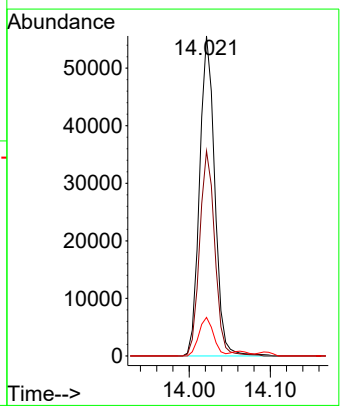


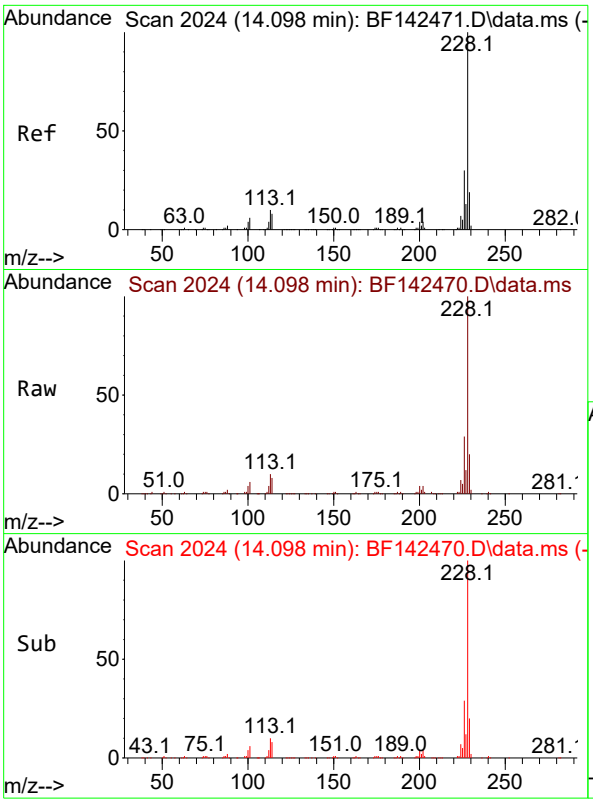


#82
3,3'-Dichlorobenzidine
Concen: 19.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 72218

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.0	78.0
126	12.1	8.9	13.3



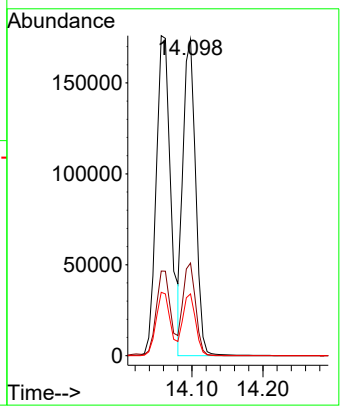


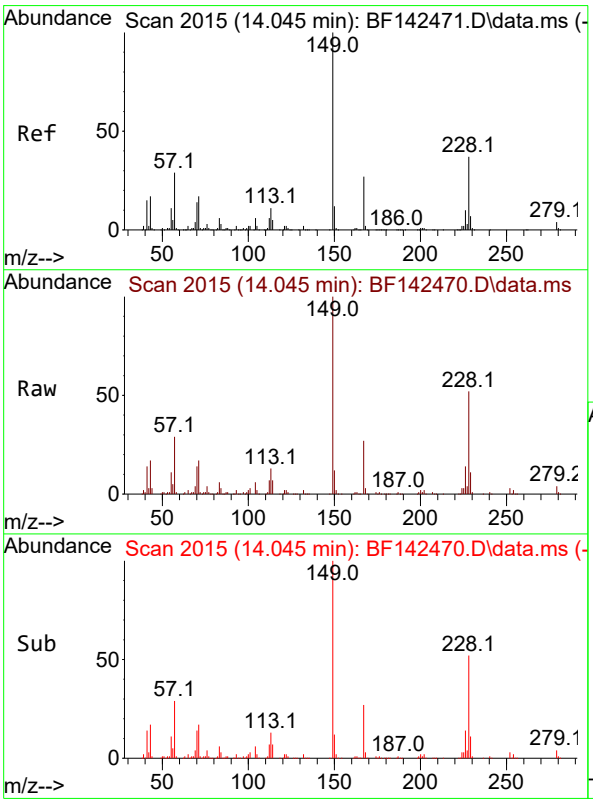
#83
Chrysene
Concen: 19.890 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 214213

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.5	15.4	23.2

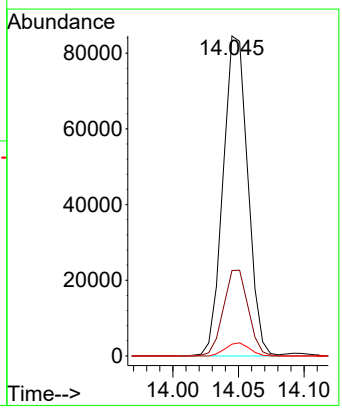


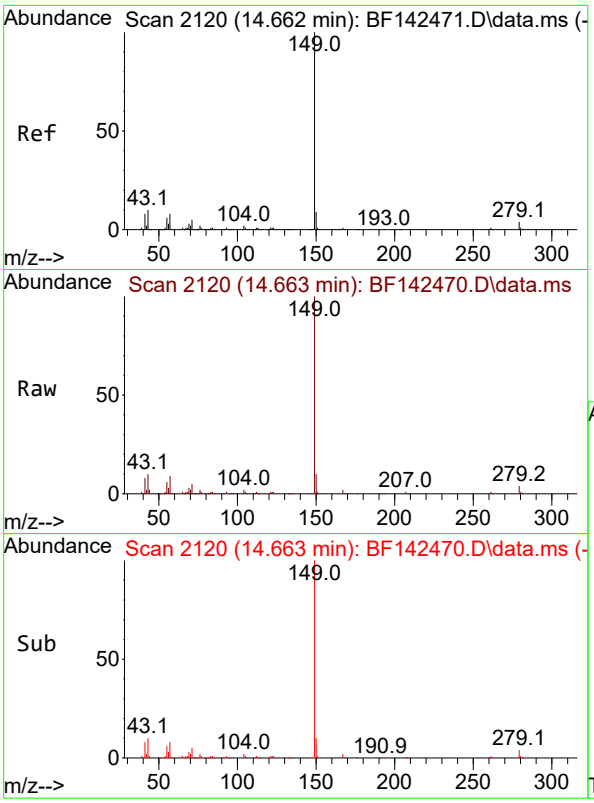


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.743 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 111015

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.5	32.3
279	3.7	3.2	4.8



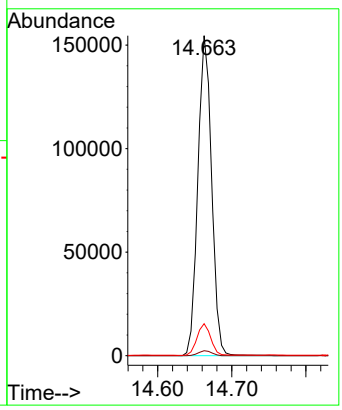


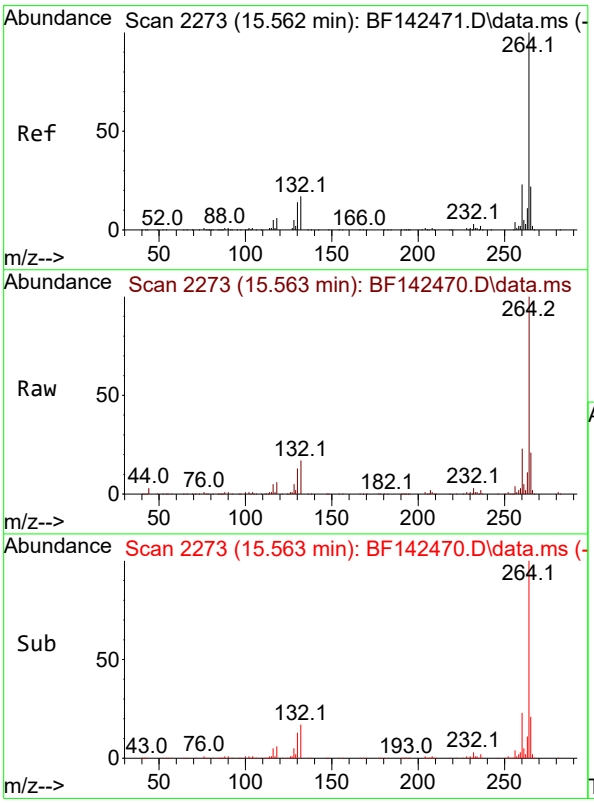
#85
Di-n-octyl phthalate
Concen: 17.166 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 198800

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9

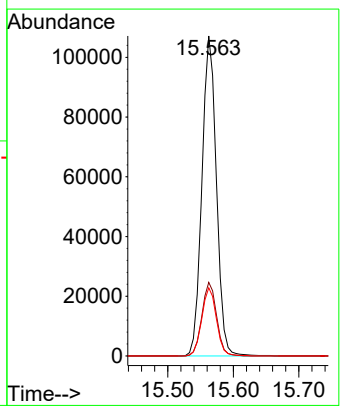


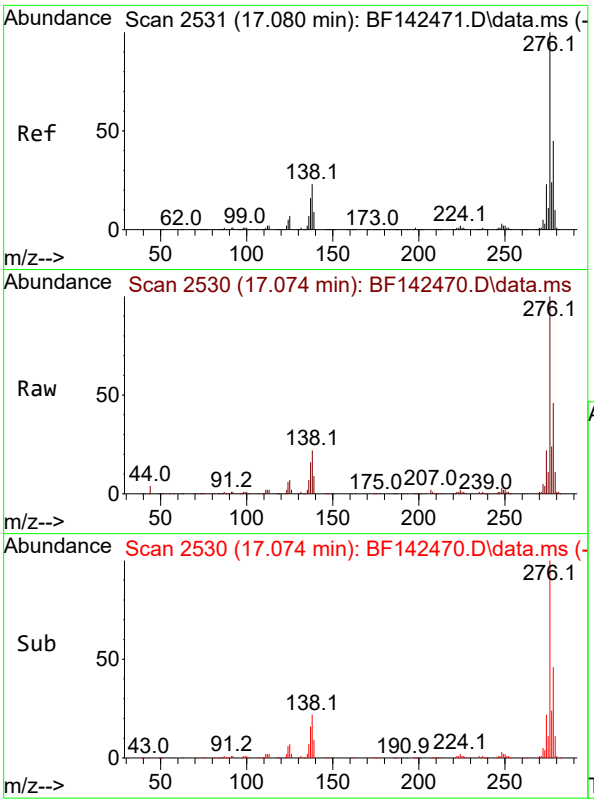


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:264 Resp: 165092

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.7	26.5



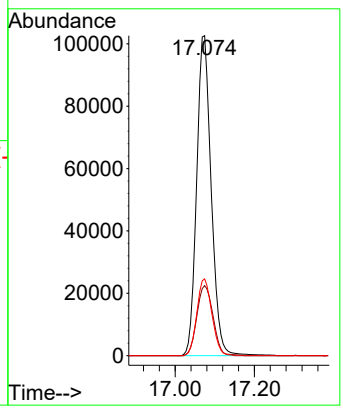


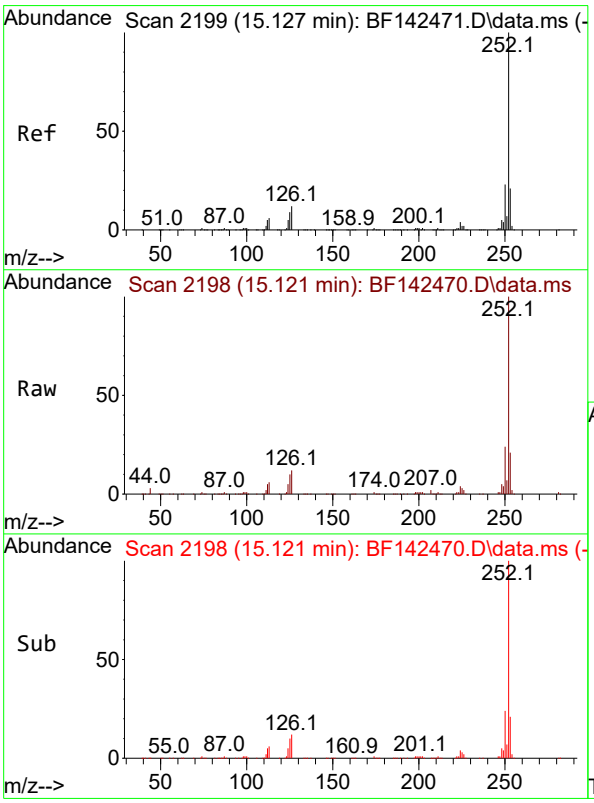
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.080 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 261271

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.9	29.9
277	24.7	20.2	30.2

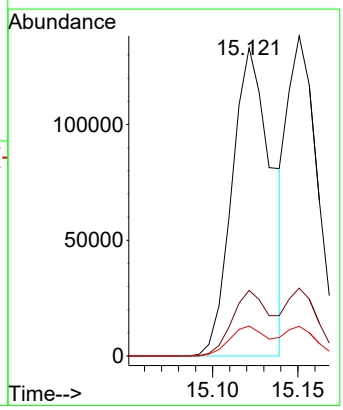


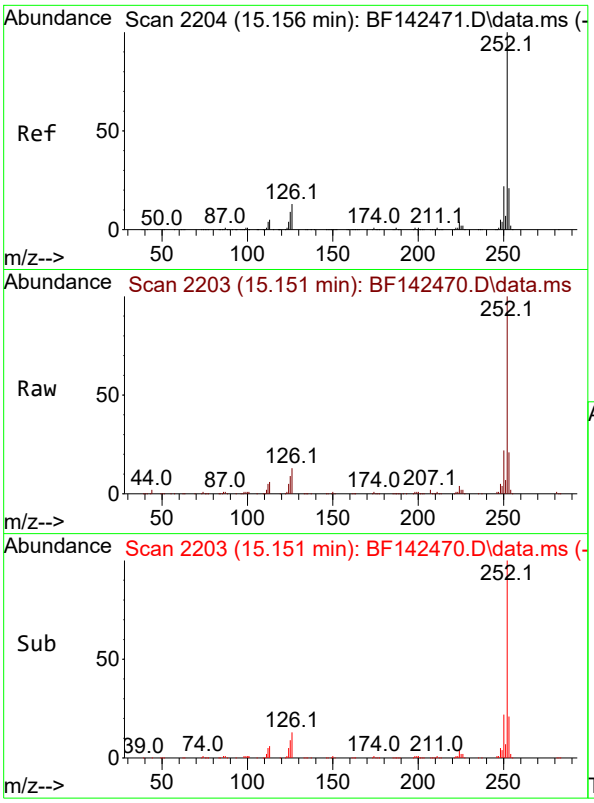


#88
Benzo(b)fluoranthene
Concen: 21.849 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 213487

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	9.7	7.4	11.0



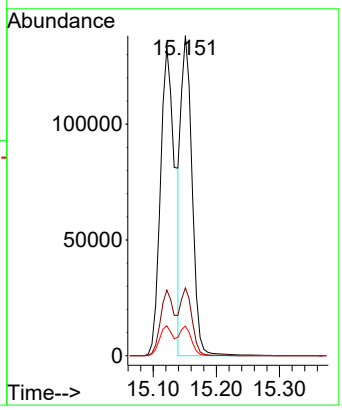


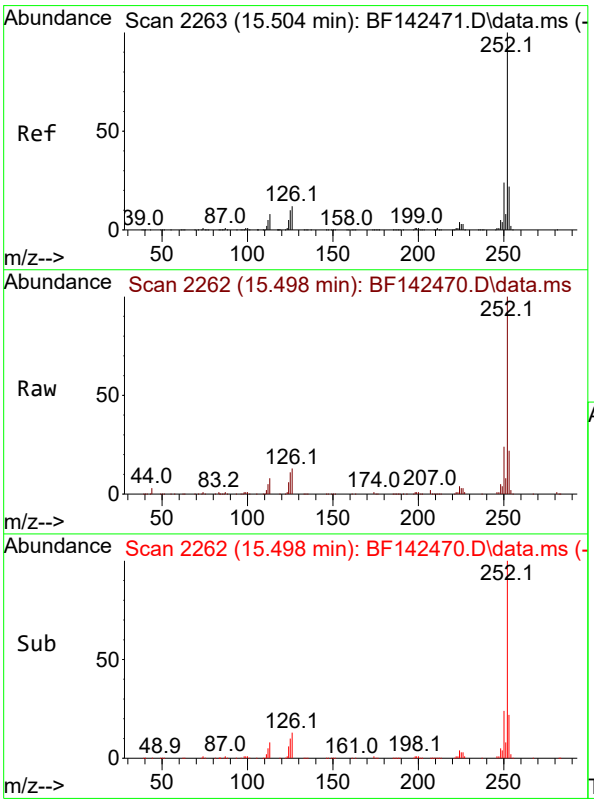
#89
Benzo(k)fluoranthene
Concen: 18.611 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 170316

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.3	7.3	10.9

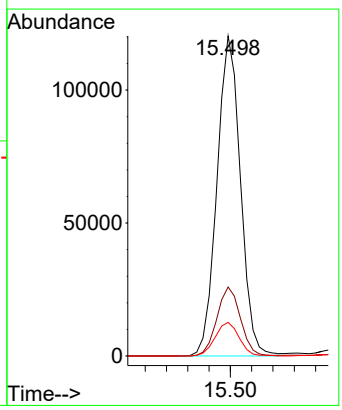


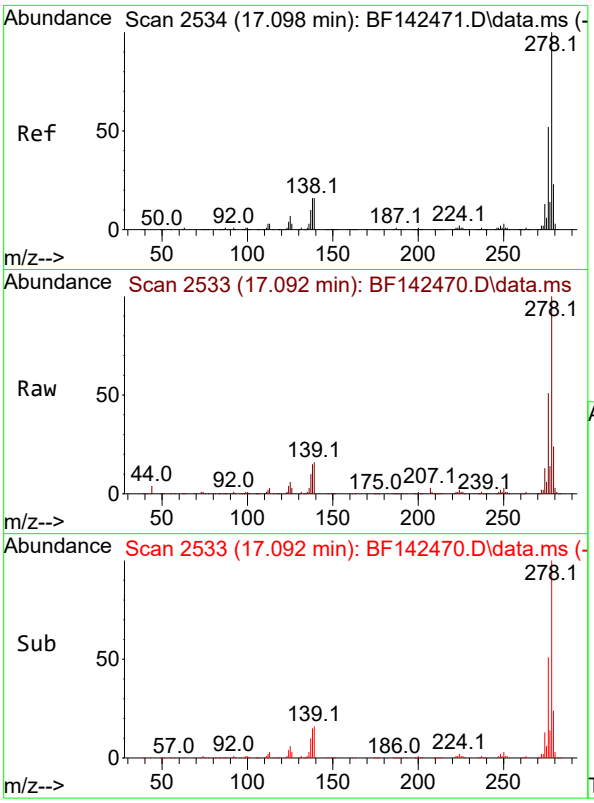


#90
Benzo(a)pyrene
Concen: 19.976 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 183983

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.5	7.9	11.9



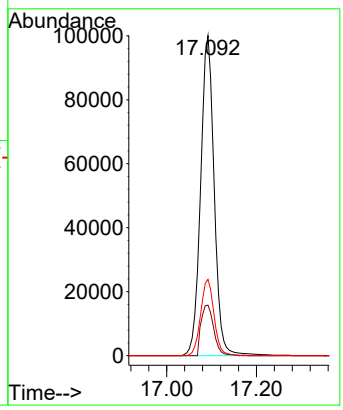


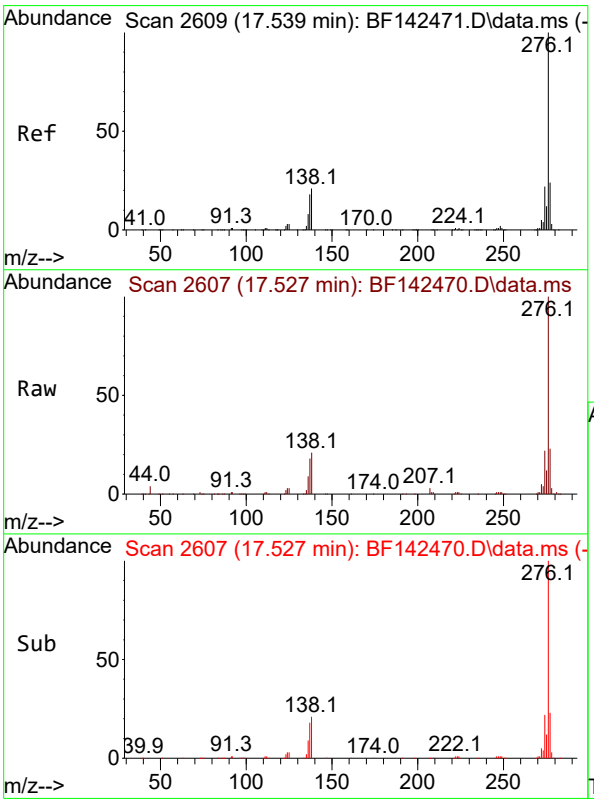
#91
Dibenzo(a,h)anthracene
Concen: 20.946 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 210557

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.8	18.6	28.0

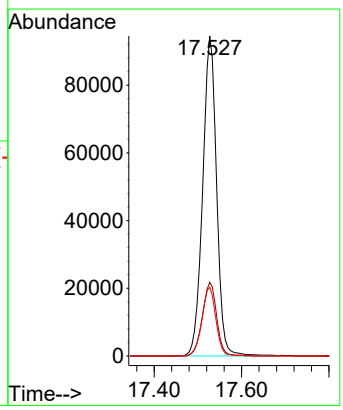




#92
Benzo(g,h,i)perylene
Concen: 20.859 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:276 Resp: 209719

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97580	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	377433	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	206343	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343068	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169022	20.000	ng	0.00
86) Perylene-d12	15.562	264	189289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	439258	75.840	ng	0.00
7) Phenol-d6	6.522	99	533569	76.529	ng	-0.01
23) Nitrobenzene-d5	7.463	82	537832	77.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	174483	76.189	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1144883	74.452	ng	0.00
79) Terphenyl-d14	13.015	244	962300	77.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	89364	38.557	ng	100
3) Pyridine	3.440	79	228376	38.694	ng	100
4) n-Nitrosodimethylamine	3.387	42	120777	39.412	ng	100
6) Aniline	6.563	93	359784	38.378	ng	100
8) 2-Chlorophenol	6.686	128	244270	38.720	ng	100
9) Benzaldehyde	6.451	77	159492	38.033	ng	100
10) Phenol	6.539	94	298690	38.073	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	216144	38.275	ng	100
12) 1,3-Dichlorobenzene	6.839	146	271118	38.514	ng	100
13) 1,4-Dichlorobenzene	6.916	146	274616	38.727	ng	100
14) 1,2-Dichlorobenzene	7.069	146	258896	38.156	ng	100
15) Benzyl Alcohol	7.039	79	199176	38.657	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364537	38.439	ng	100
17) 2-Methylphenol	7.145	107	190501	38.677	ng	100
18) Hexachloroethane	7.416	117	95436	38.543	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	164556	38.083	ng	100
20) 3+4-Methylphenols	7.304	107	243075	38.538	ng	100
22) Acetophenone	7.310	105	323676	38.740	ng	100
24) Nitrobenzene	7.486	77	243446	38.996	ng	100
25) Isophorone	7.722	82	447323	38.653	ng	100
26) 2-Nitrophenol	7.798	139	132248	39.646	ng	100
27) 2,4-Dimethylphenol	7.833	122	228588	38.858	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	274724	38.002	ng	100
29) 2,4-Dichlorophenol	8.039	162	208444	38.963	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	222613	38.342	ng	100
31) Naphthalene	8.210	128	710368	38.223	ng	100
32) Benzoic acid	7.939	122	142061	39.672	ng	100
33) 4-Chloroaniline	8.251	127	293373	38.957	ng	100
34) Hexachlorobutadiene	8.322	225	141200	38.949	ng	100
35) Caprolactam	8.622	113	59309	39.473	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	212728	38.800	ng	100
37) 2-Methylnaphthalene	8.898	142	445368	38.092	ng	100
38) 1-Methylnaphthalene	8.998	142	464365	38.397	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	227685	38.439	ng	100
41) Hexachlorocyclopentadiene	9.051	237	162314	40.622	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	153308	38.383	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

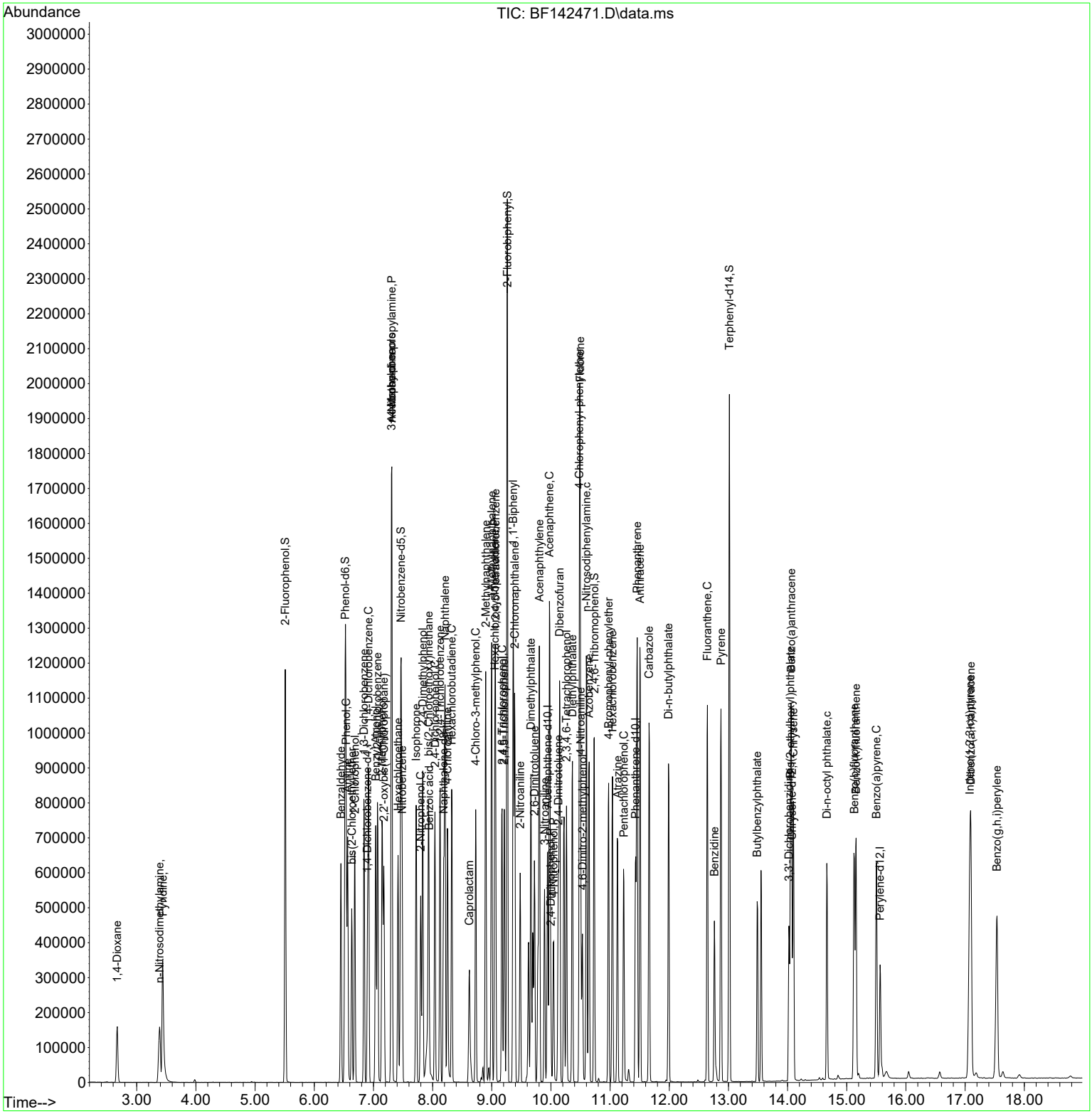
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162880	38.667	ng	100
46) 1,1'-Biphenyl	9.363	154	610663	38.146	ng	100
47) 2-Chloronaphthalene	9.386	162	451638	38.185	ng	100
48) 2-Nitroaniline	9.480	65	133679	39.102	ng	100
49) Acenaphthylene	9.804	152	763730	38.240	ng	100
50) Dimethylphthalate	9.663	163	518078	38.051	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115691	39.370	ng	100
52) Acenaphthene	9.974	154	462249	37.904	ng	100
53) 3-Nitroaniline	9.892	138	123293	38.413	ng	100
54) 2,4-Dinitrophenol	9.998	184	61452	40.477	ng	100
55) Dibenzofuran	10.145	168	662626	37.758	ng	100
56) 4-Nitrophenol	10.045	139	93606	39.526	ng	100
57) 2,4-Dinitrotoluene	10.127	165	150036	39.095	ng	100
58) Fluorene	10.492	166	507836	37.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	137225	39.022	ng	100
60) Diethylphthalate	10.363	149	508183	38.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	251129	37.706	ng	100
62) 4-Nitroaniline	10.504	138	114265	39.253	ng	100
63) Azobenzene	10.645	77	456781	38.246	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	79121	41.326	ng	100
66) n-Nitrosodiphenylamine	10.598	169	445033	37.917	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	152348	37.556	ng	100
68) Hexachlorobenzene	11.039	284	171918	38.318	ng	100
69) Atrazine	11.127	200	121790	39.072	ng	100
70) Pentachlorophenol	11.233	266	100877	39.824	ng	100
71) Phenanthrene	11.457	178	694045	37.855	ng	100
72) Anthracene	11.504	178	711162	38.007	ng	100
73) Carbazole	11.657	167	610097	38.140	ng	100
74) Di-n-butylphthalate	11.986	149	669345	38.227	ng	100
75) Fluoranthene	12.645	202	643610	37.569	ng	100
77) Benzidine	12.763	184	269307	42.816	ng	100
78) Pyrene	12.874	202	628371	39.853	ng	100
80) Butylbenzylphthalate	13.486	149	177841	40.819	ng	100
81) Benzo(a)anthracene	14.062	228	431998	38.276	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	137438	40.148	ng	100
83) Chrysene	14.098	228	387081	38.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	227555	40.800	ng	100
85) Di-n-octyl phthalate	14.662	149	427995	39.246	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	548309	38.584	ng	100
88) Benzo(b)fluoranthene	15.127	252	426174	38.041	ng	100
89) Benzo(k)fluoranthene	15.156	252	394567	37.603	ng	100
90) Benzo(a)pyrene	15.504	252	409312	38.761	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	448372	38.903	ng	100
92) Benzo(g,h,i)perylene	17.539	276	446674	38.747	ng	100

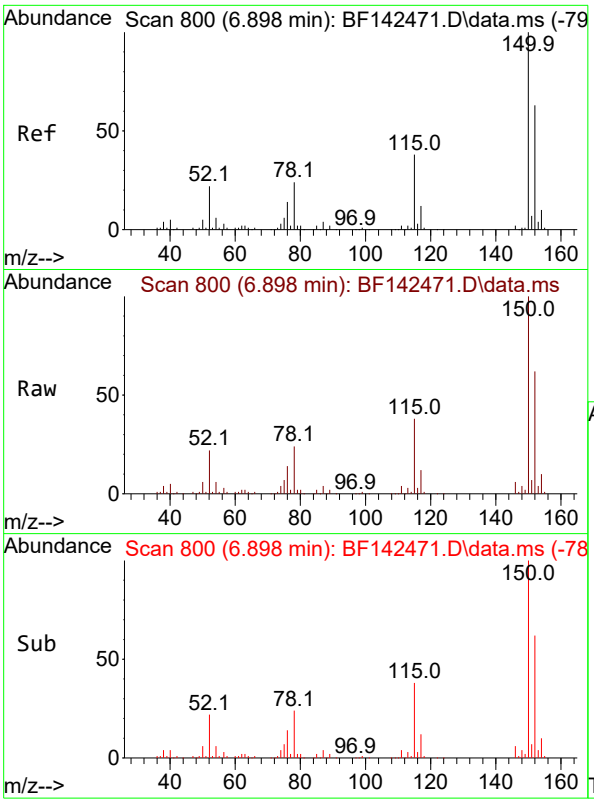
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



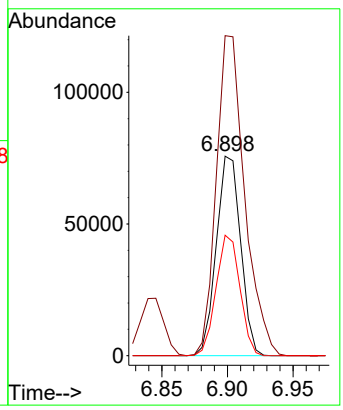


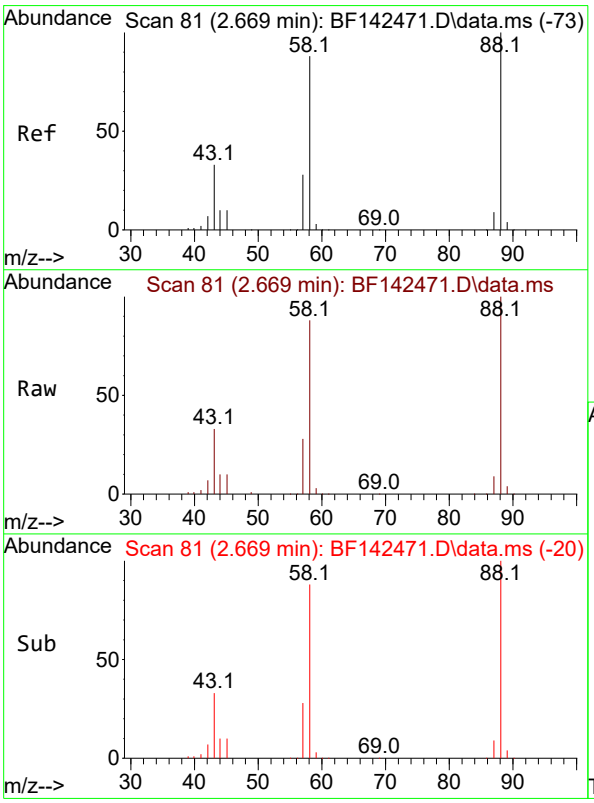
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 97580

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	60.4	48.3	72.5

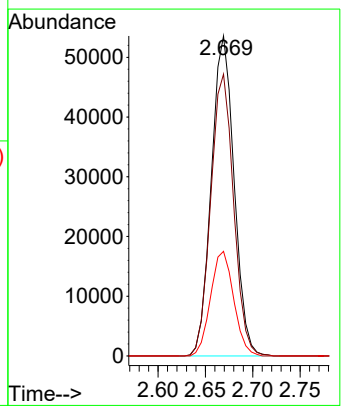


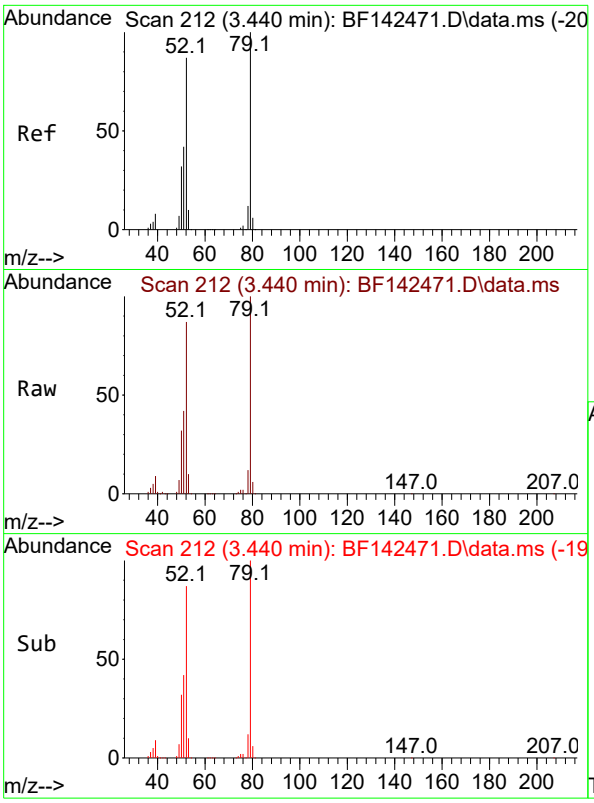


#2
1,4-Dioxane
Concen: 38.557 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 88 Resp: 89364

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.8	106.2
43	33.3	26.6	40.0



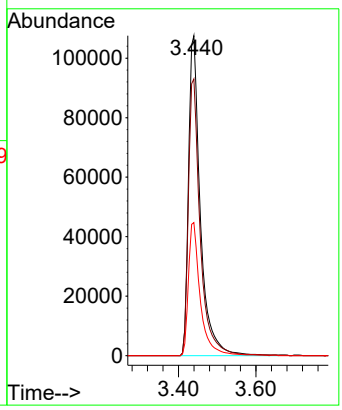


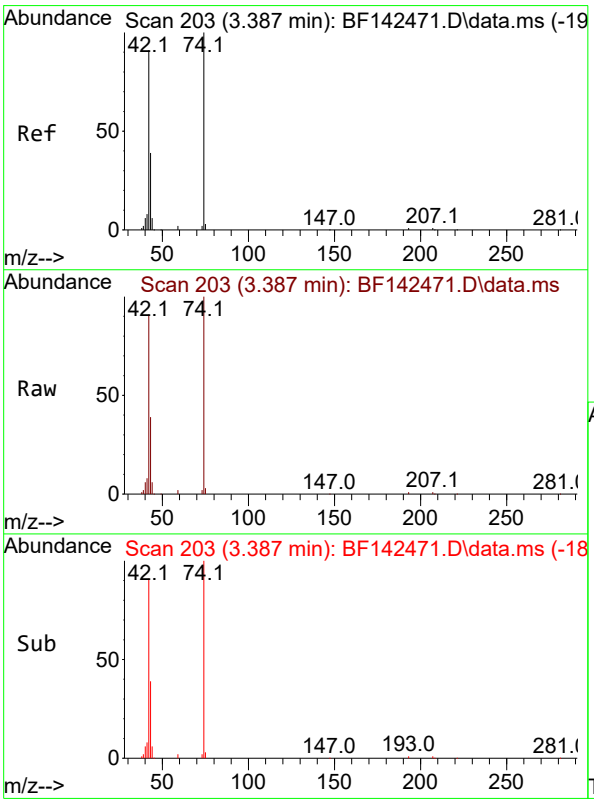
#3
Pyridine
Concen: 38.694 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 228376

Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.2	103.8
51	41.6	33.3	49.9

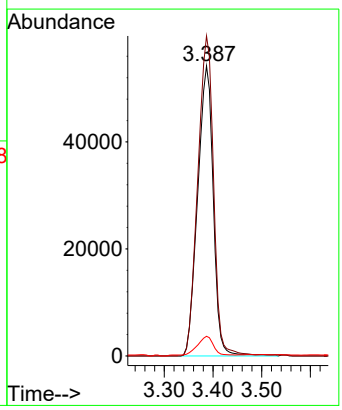


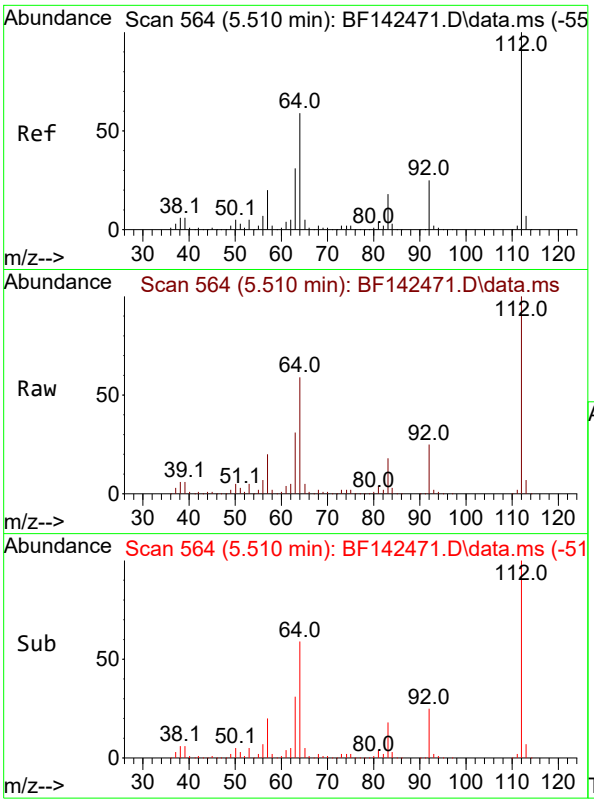


#4
n-Nitrosodimethylamine
Concen: 39.412 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 42 Resp: 120777

Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	6.8	5.4	8.2



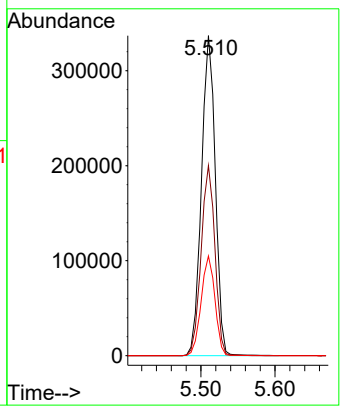


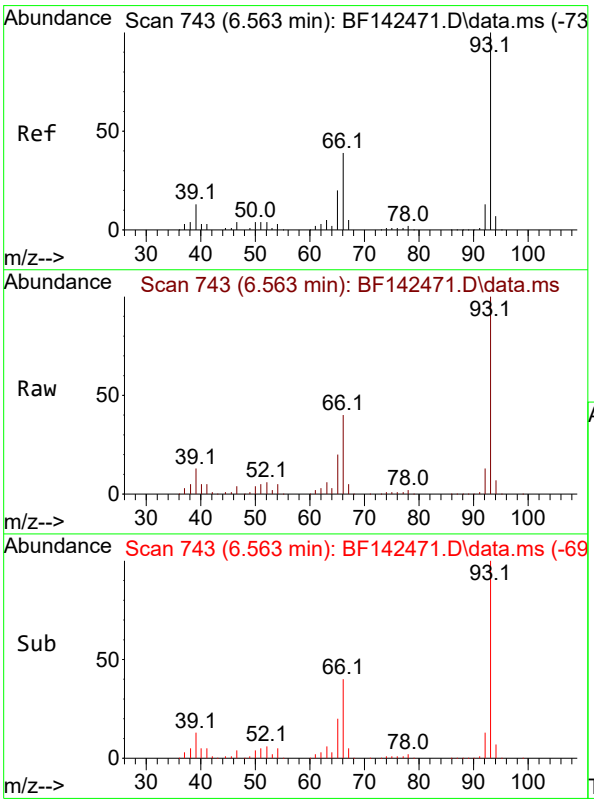
#5
2-Fluorophenol
Concen: 75.840 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 439258

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.5	71.3
63	31.1	24.9	37.3

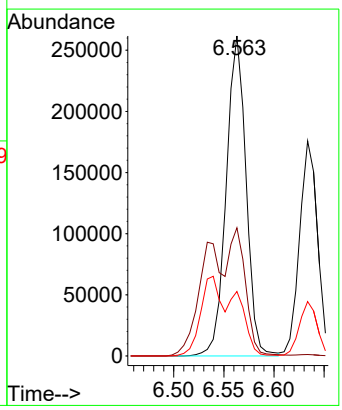


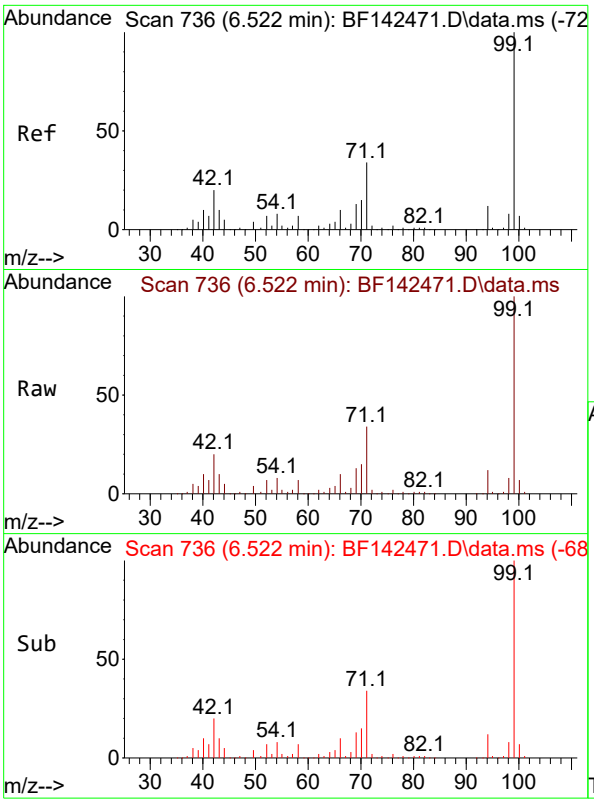


#6
Aniline
Concen: 38.378 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 359784

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.0	48.0
65	20.1	16.1	24.1



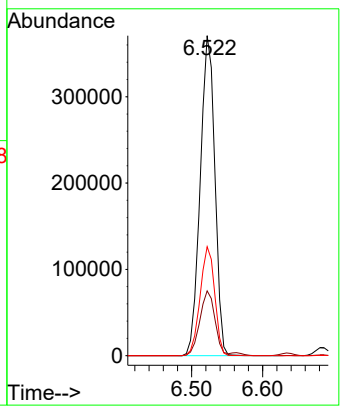


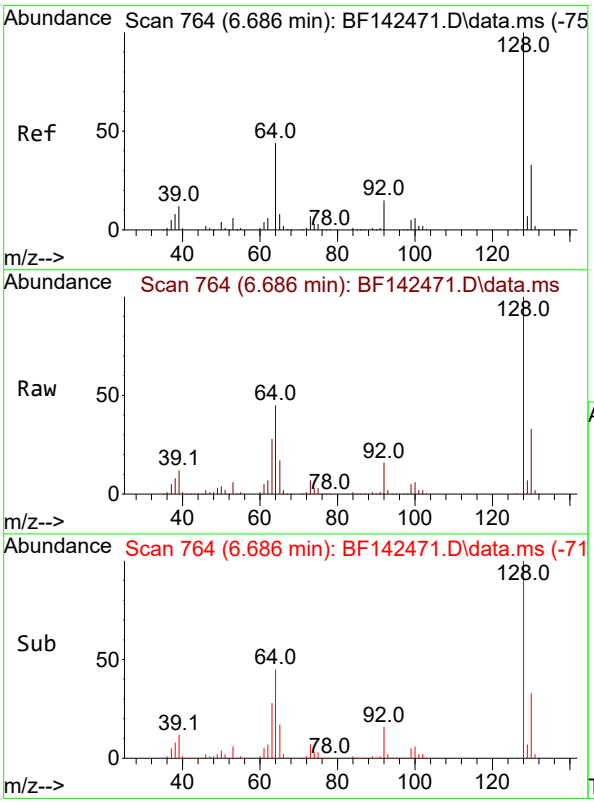
#7
Phenol-d6
Concen: 76.529 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 533569

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.1	27.3	40.9

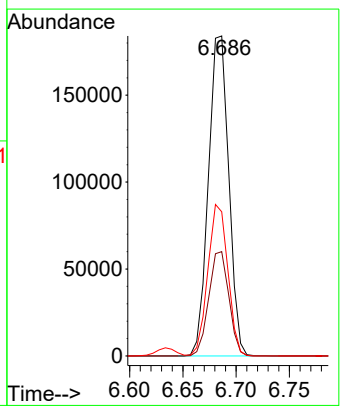


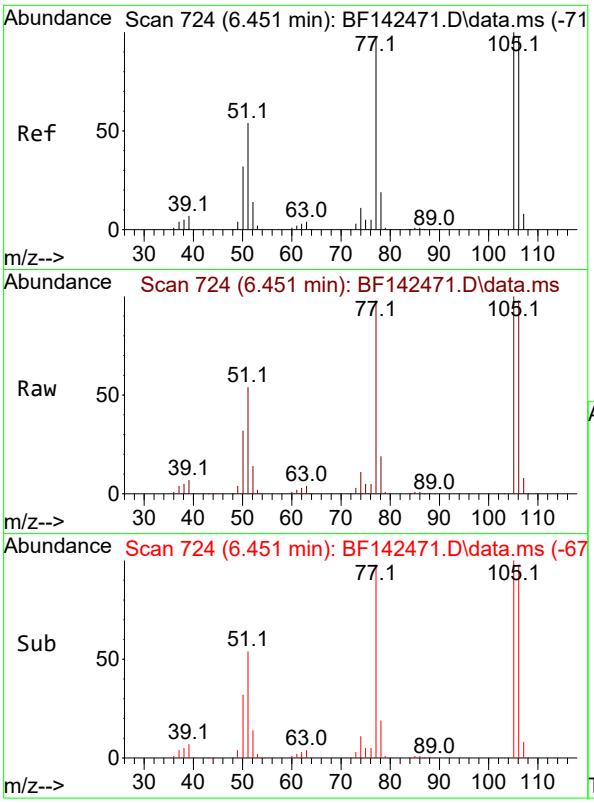


#8
2-Chlorophenol
Concen: 38.720 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:128 Resp: 244270

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	45.1	25.1	65.1



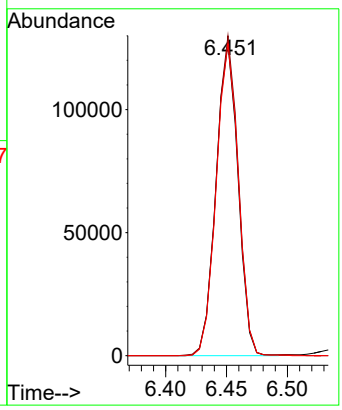


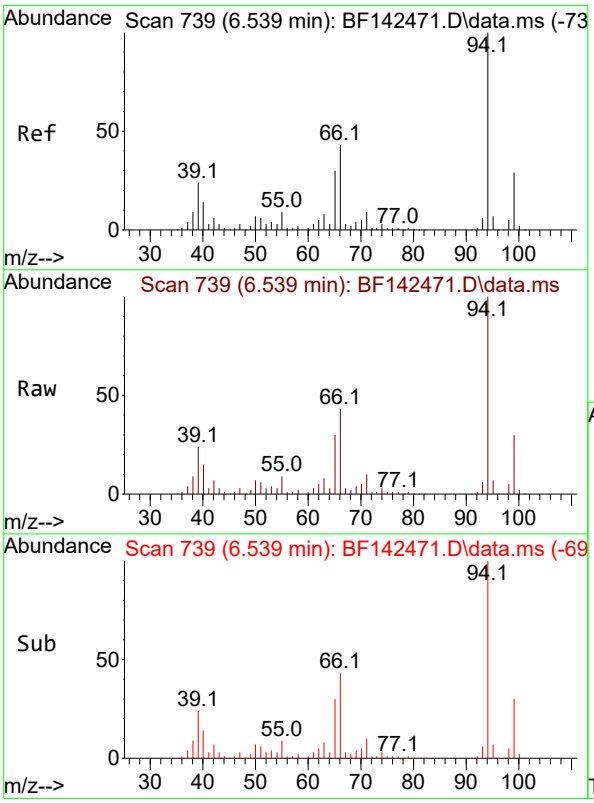
#9
Benzaldehyde
Concen: 38.033 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 159492

Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.5	122.5
106	100.0	80.0	120.0

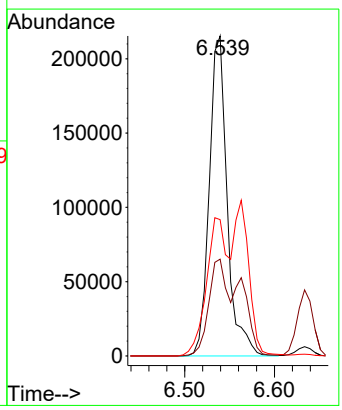


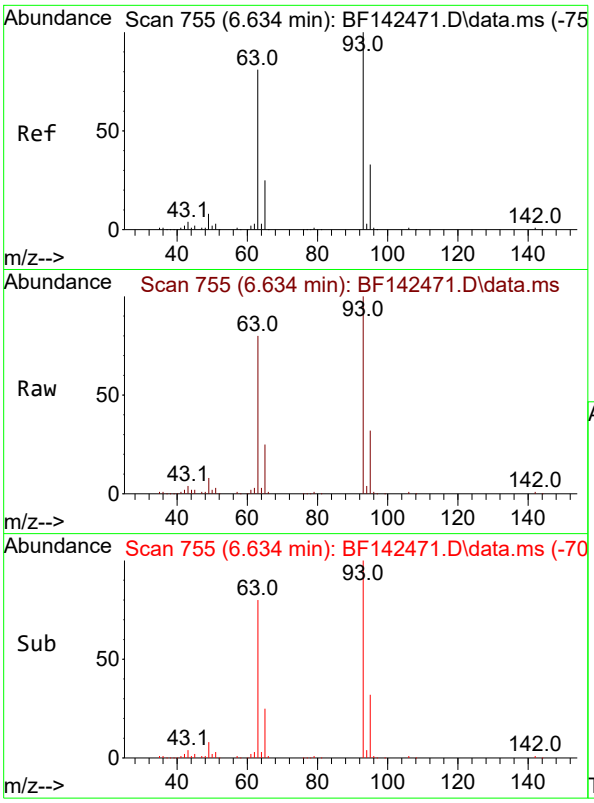


#10
Phenol
Concen: 38.073 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 94 Resp: 298690

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.3	50.3
66	42.6	22.6	62.6



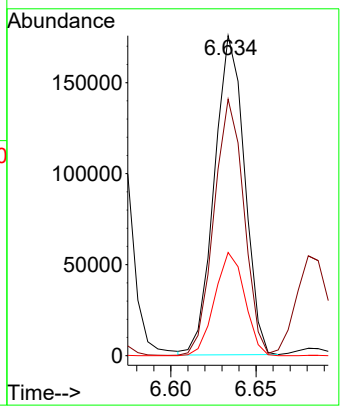


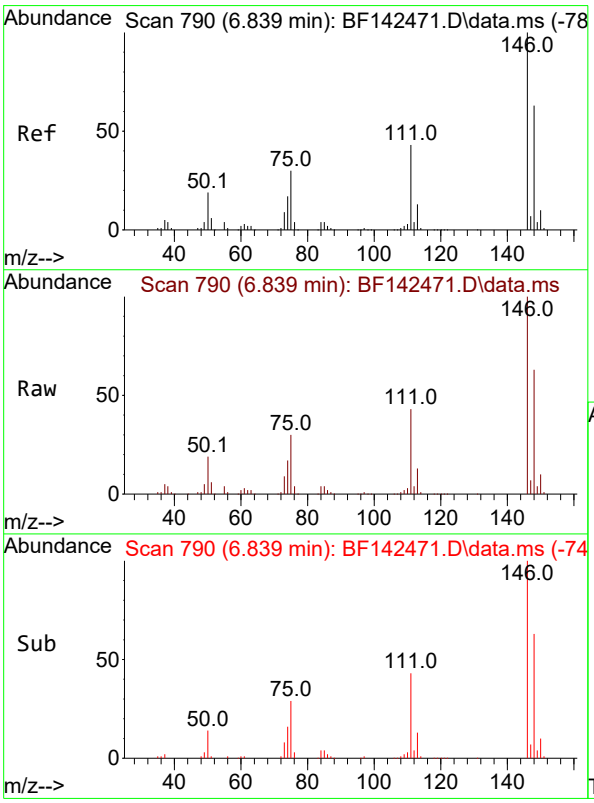
#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 216144

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	32.3	12.3	52.3

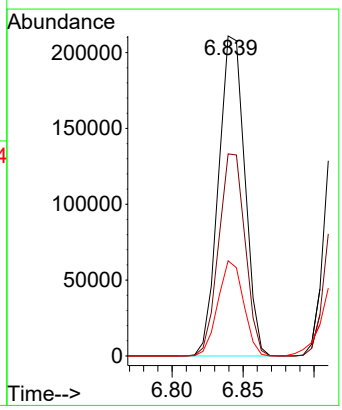


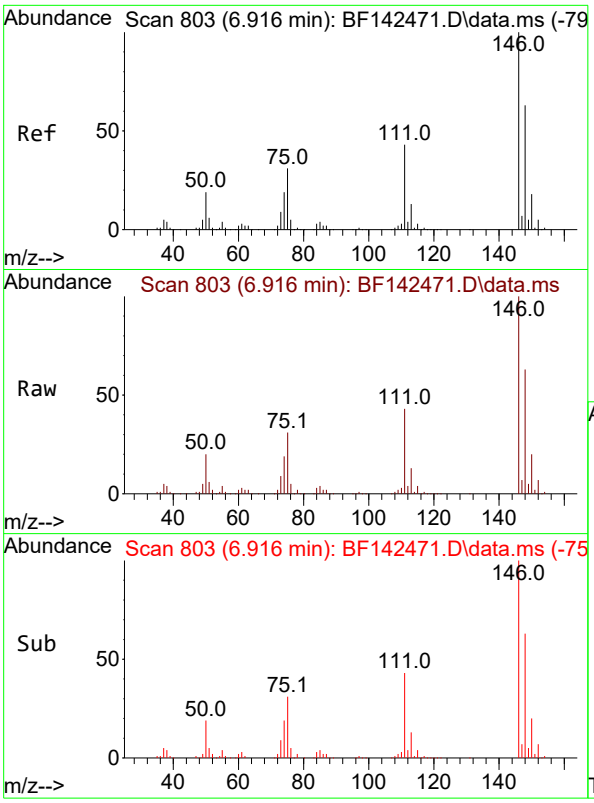


#12
1,3-Dichlorobenzene
Concen: 38.514 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:146 Resp: 271118

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	29.7	23.8	35.6



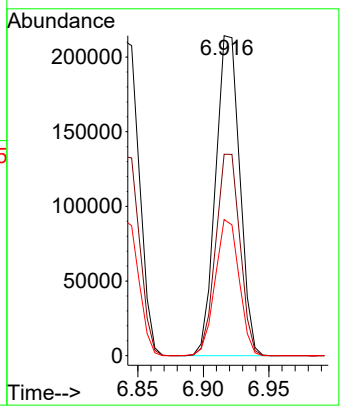


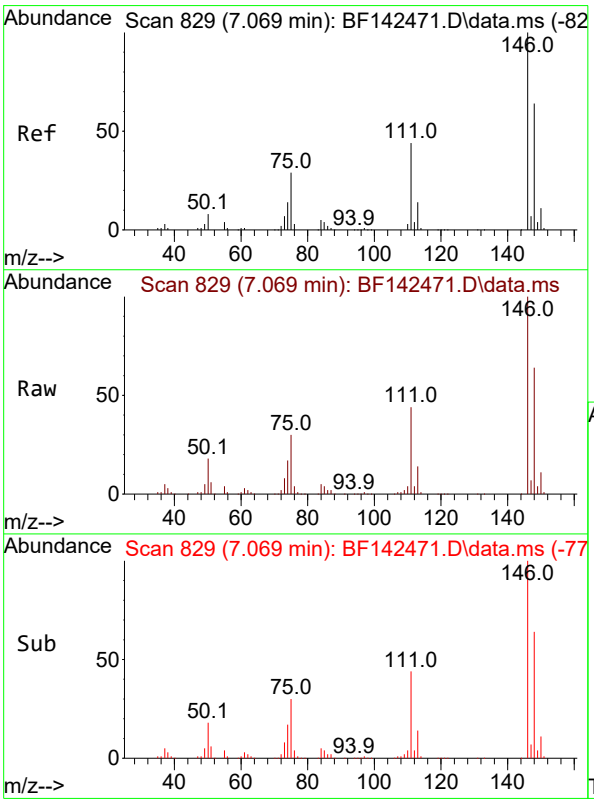
#13
1,4-Dichlorobenzene
Concen: 38.727 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 274616

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.6	34.1	51.1

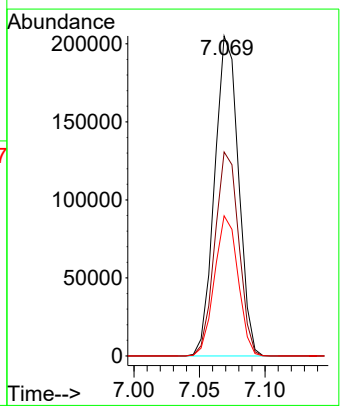


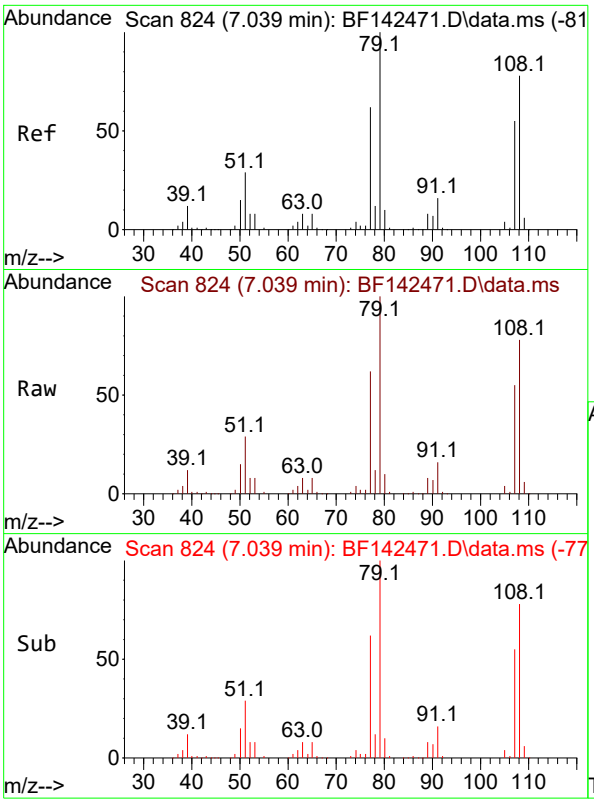


#14
1,2-Dichlorobenzene
Concen: 38.156 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:146 Resp: 258896

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	43.8	35.0	52.6



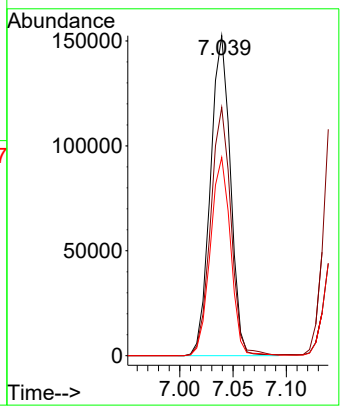


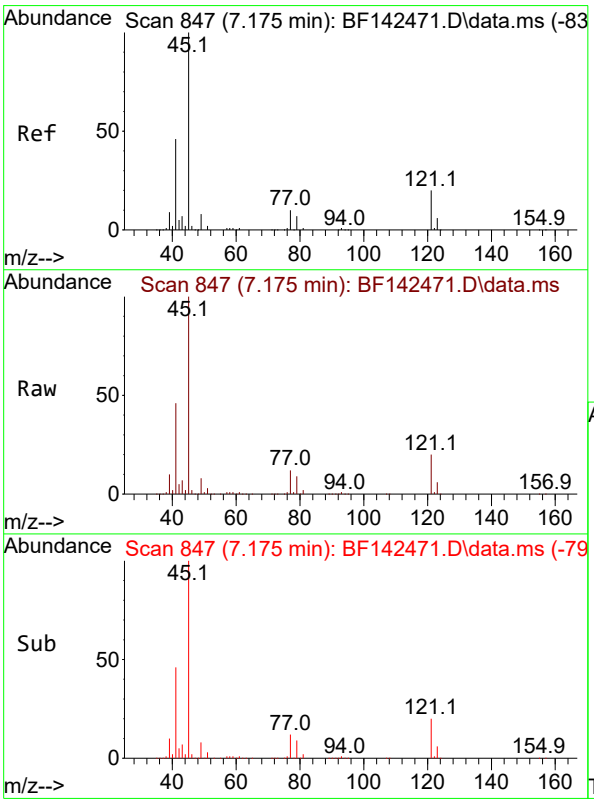
#15
Benzyl Alcohol
Concen: 38.657 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 199176

Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.1	93.1
77	61.9	49.5	74.3

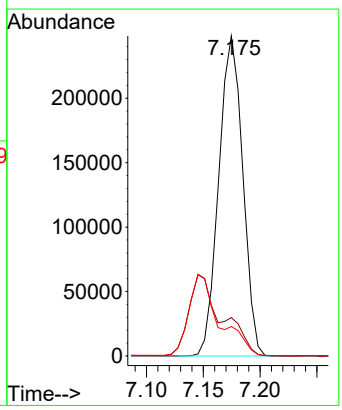


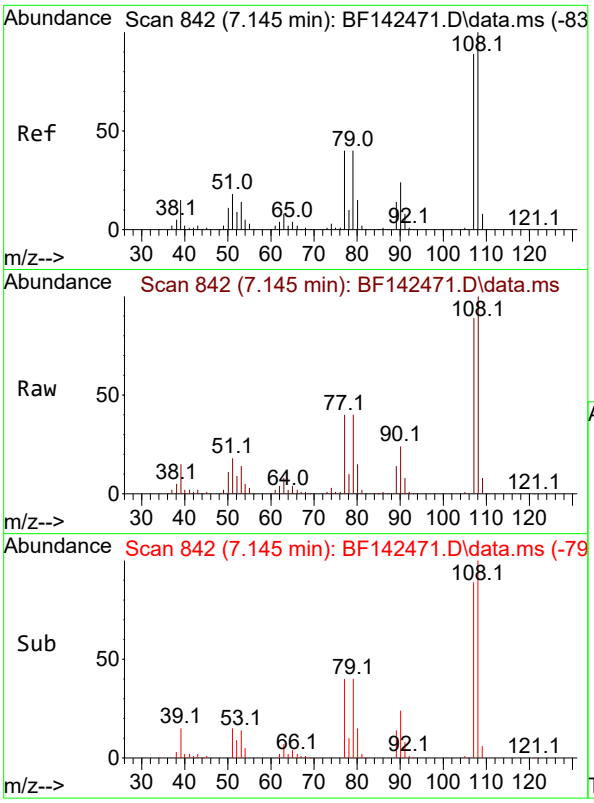


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.439 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 45 Resp: 364537

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.2	0.0	29.2



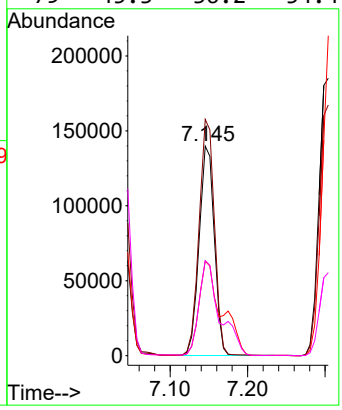


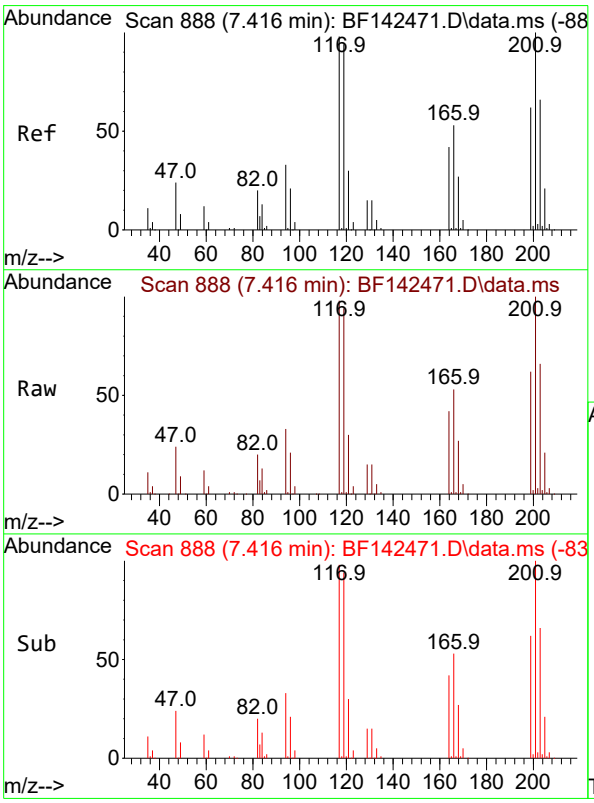
#17
2-Methylphenol
Concen: 38.677 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 190501

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	45.1	36.1	54.1
79	45.3	36.2	54.4

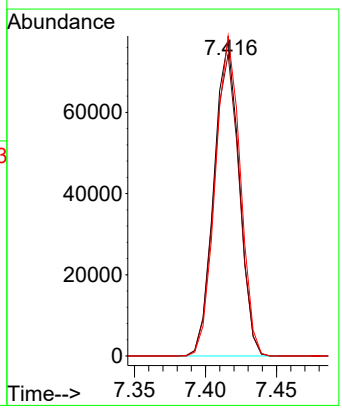


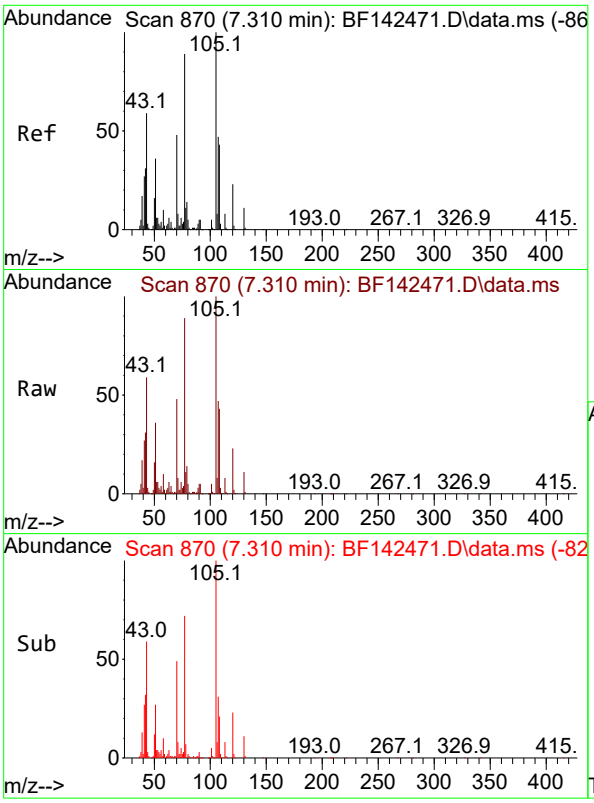


#18
Hexachloroethane
Concen: 38.543 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:117 Resp: 95436

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	101.6	81.3	121.9



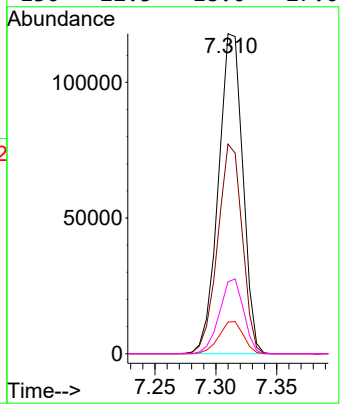


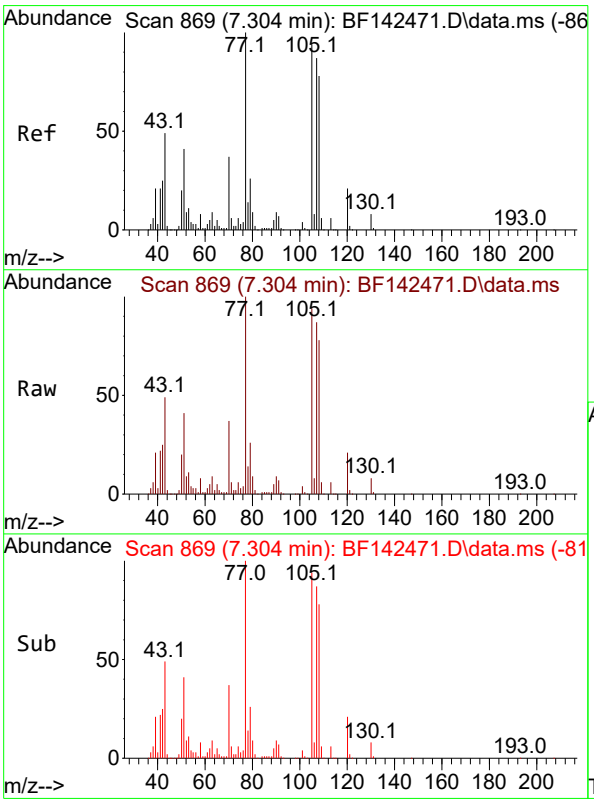
#19
n-Nitroso-di-n-propylamine
Concen: 38.083 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 164556

Ion	Ratio	Lower	Upper
70	100		
42	65.5	52.4	78.6
101	9.8	7.8	11.8
130	22.5	18.0	27.0

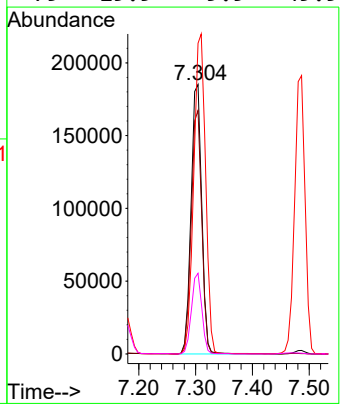


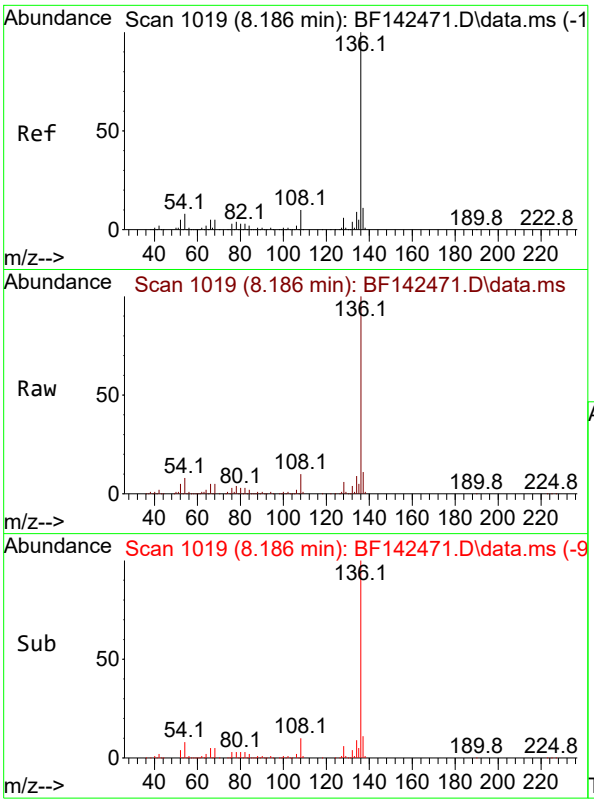


#20
3+4-Methylphenols
Concen: 38.538 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 243075

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.4	110.4
77	115.4	95.4	135.4
79	29.9	9.9	49.9



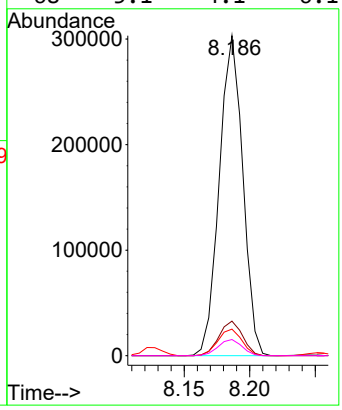


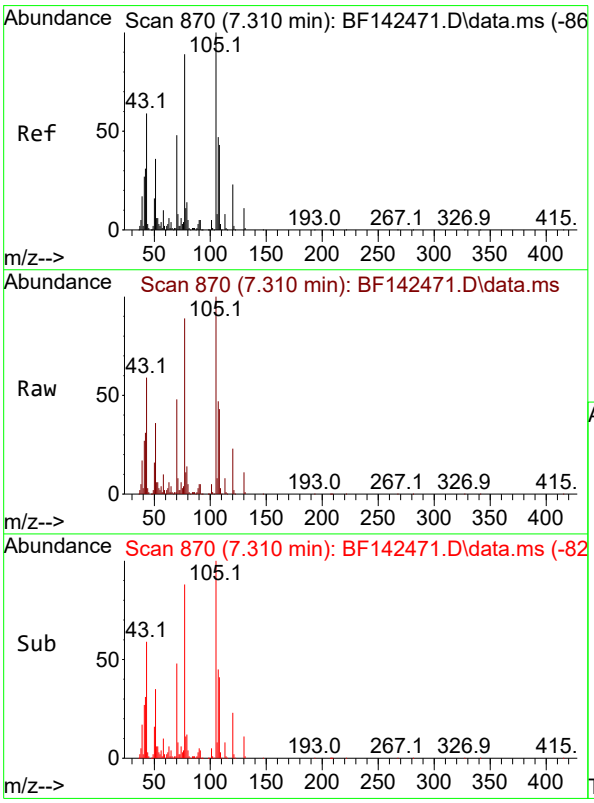
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 377433

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	6.6	10.0
68	5.1	4.1	6.1

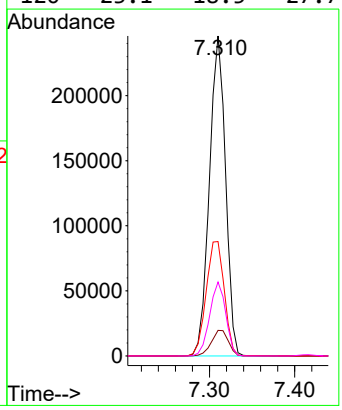


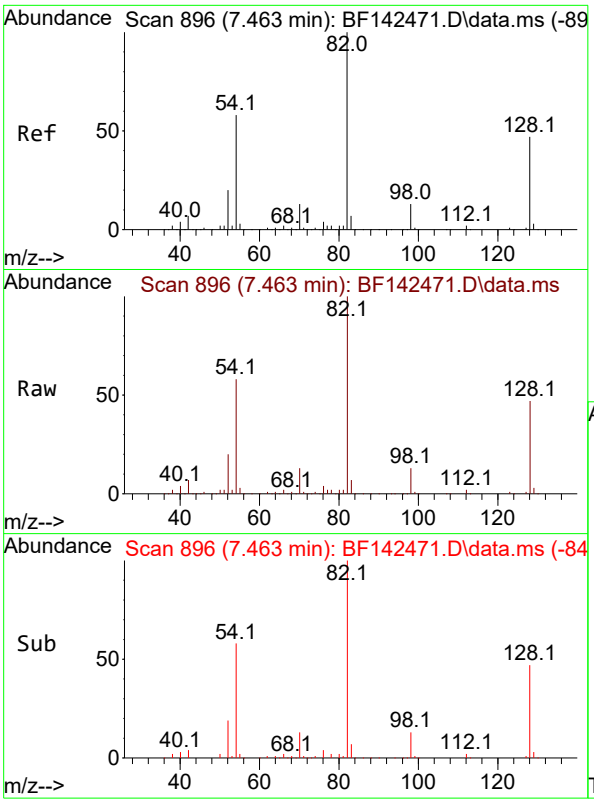


#22
Acetophenone
Concen: 38.740 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:105 Resp: 323676

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	35.7	28.6	42.8
120	23.1	18.5	27.7



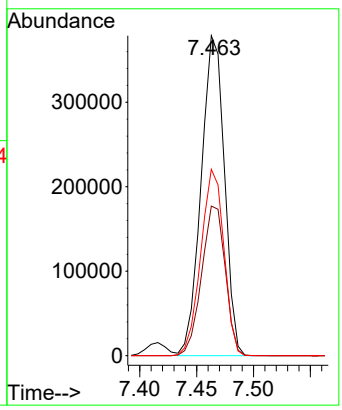


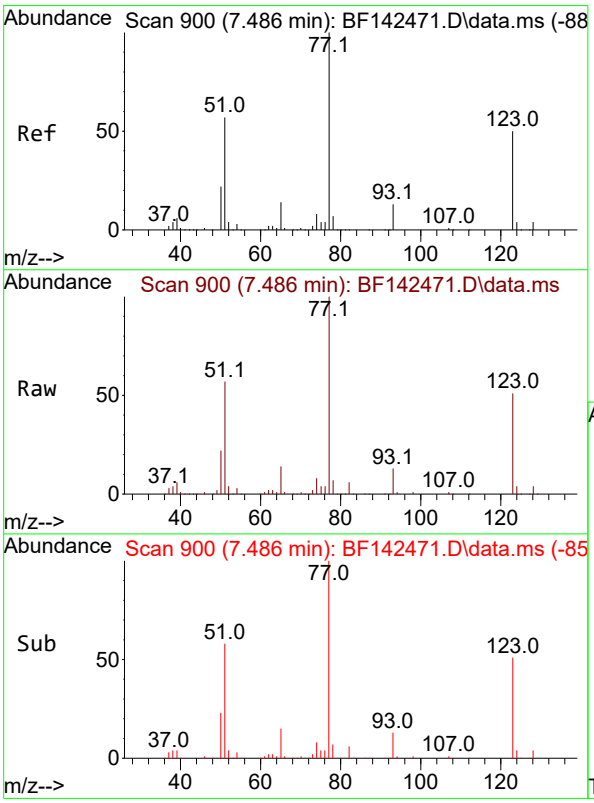
#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 537832

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	58.3	46.6	70.0

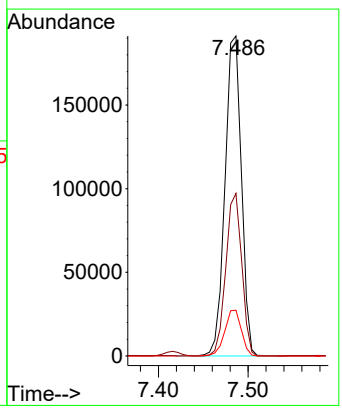


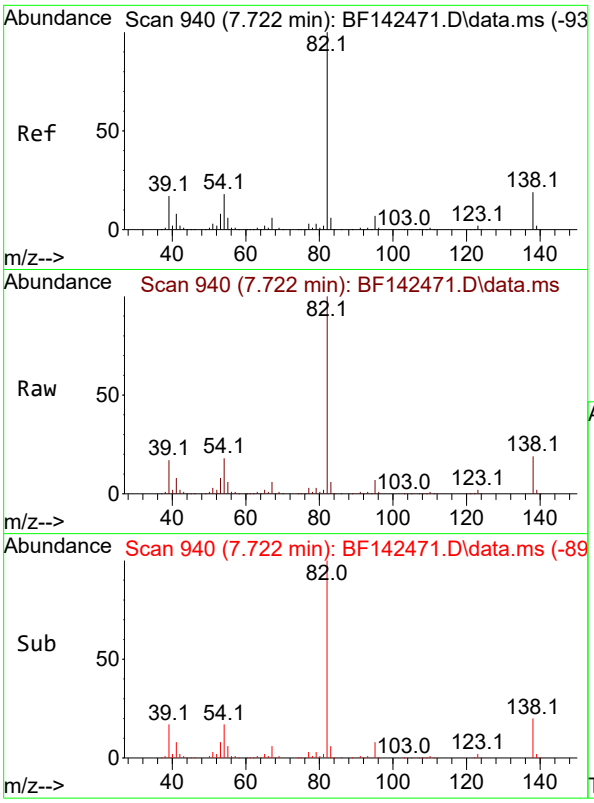


#24
Nitrobenzene
Concen: 38.996 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 77 Resp: 243446

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.6	61.0
65	14.3	11.4	17.2



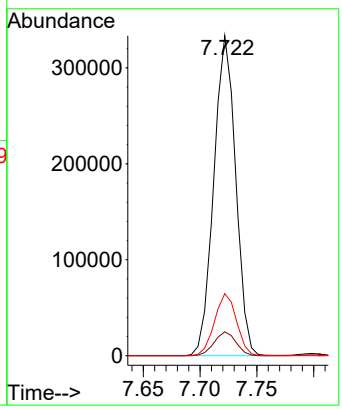


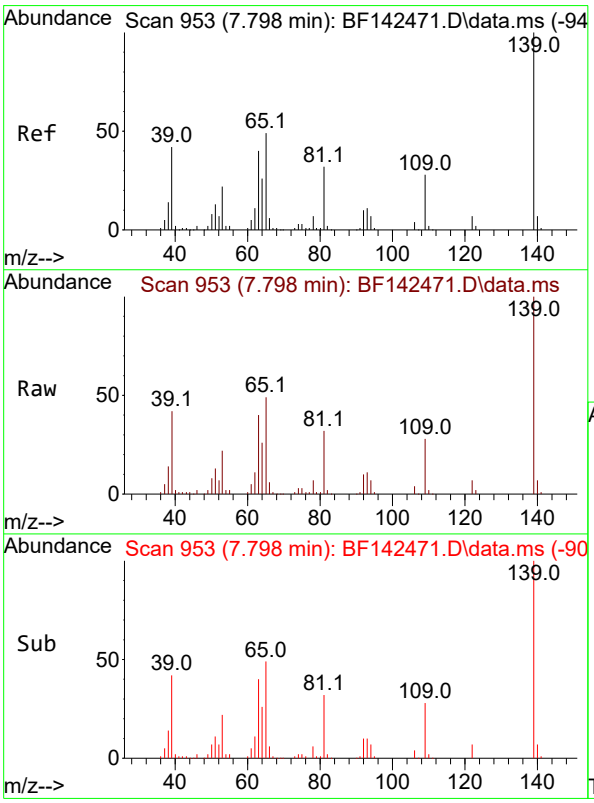
#25
Isophorone
Concen: 38.653 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 447323

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.4	15.5	23.3

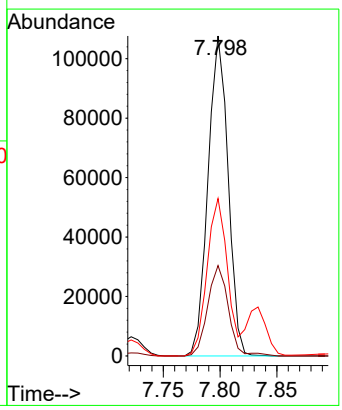


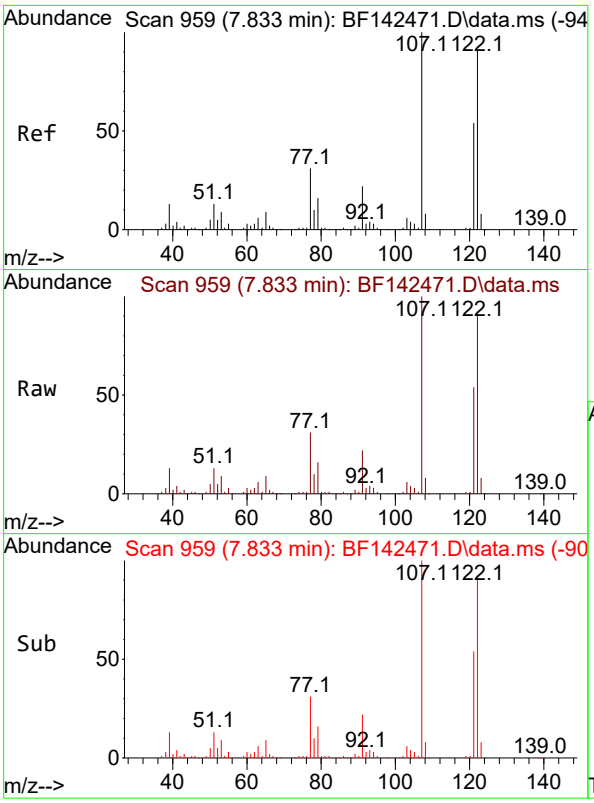


#26
2-Nitrophenol
Concen: 39.646 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:139 Resp: 132248

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.6	33.8
65	49.2	39.4	59.0



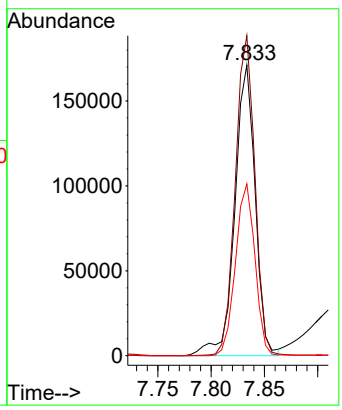


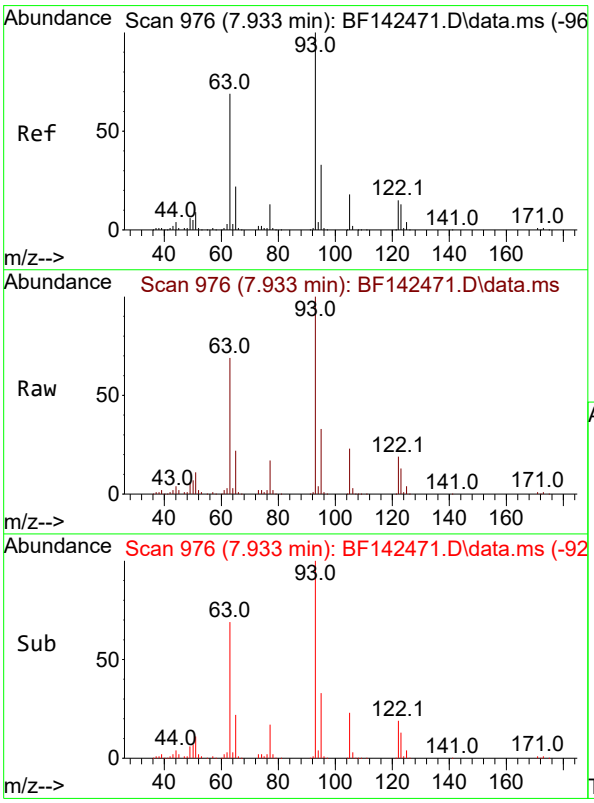
#27
2,4-Dimethylphenol
Concen: 38.858 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 228588

Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.1	132.1
121	59.1	47.3	70.9

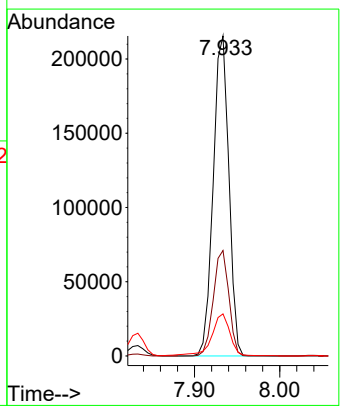


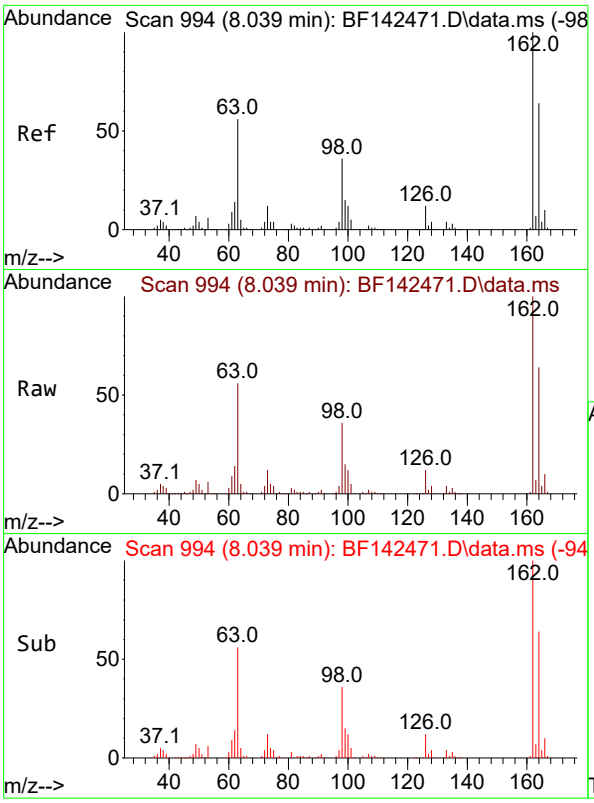


#28
bis(2-Chloroethoxy)methane
Concen: 38.002 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 274724

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	13.2	10.6	15.8



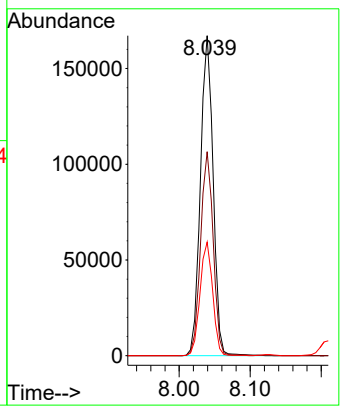


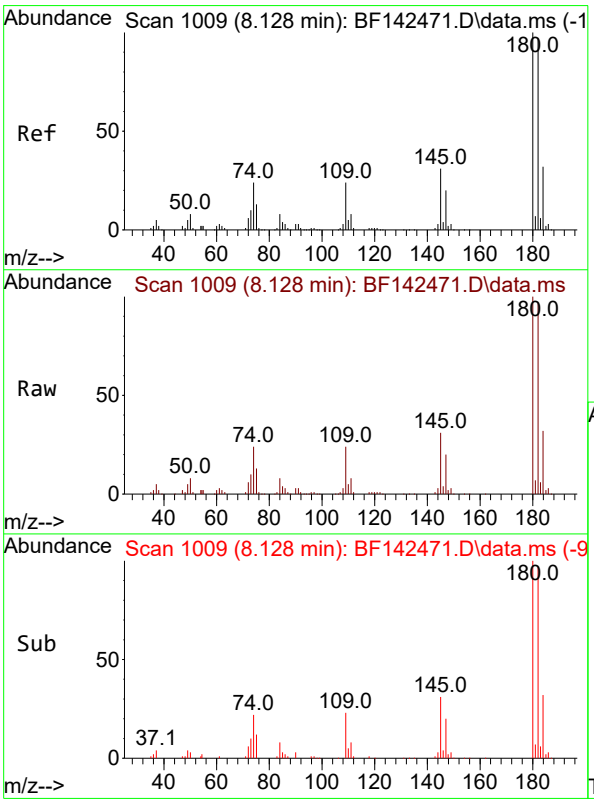
#29
2,4-Dichlorophenol
Concen: 38.963 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 208444

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	35.5	15.5	55.5

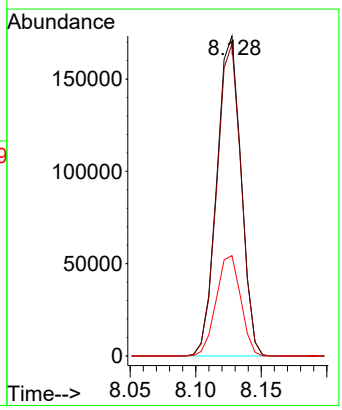


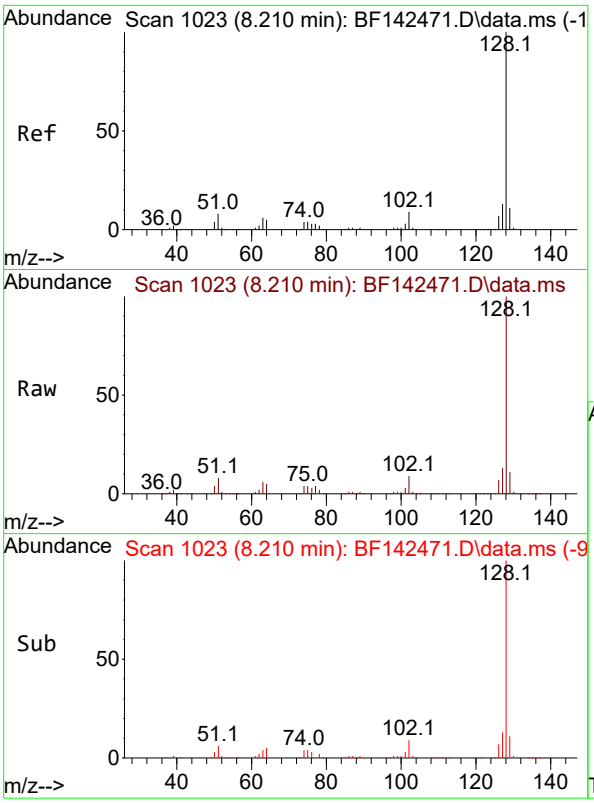


#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:180 Resp: 222613

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	31.3	25.0	37.6



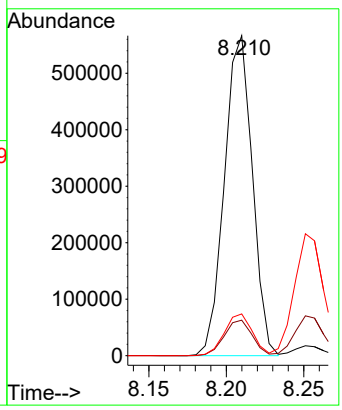


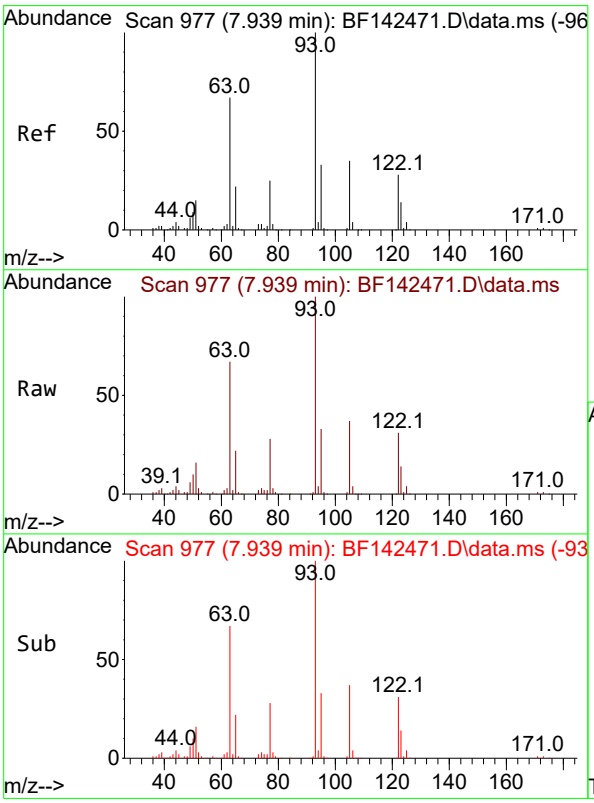
#31
Naphthalene
Concen: 38.223 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 710368

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.5	15.7

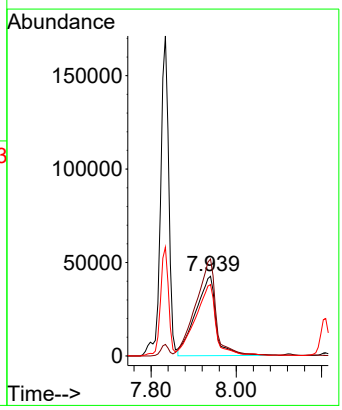


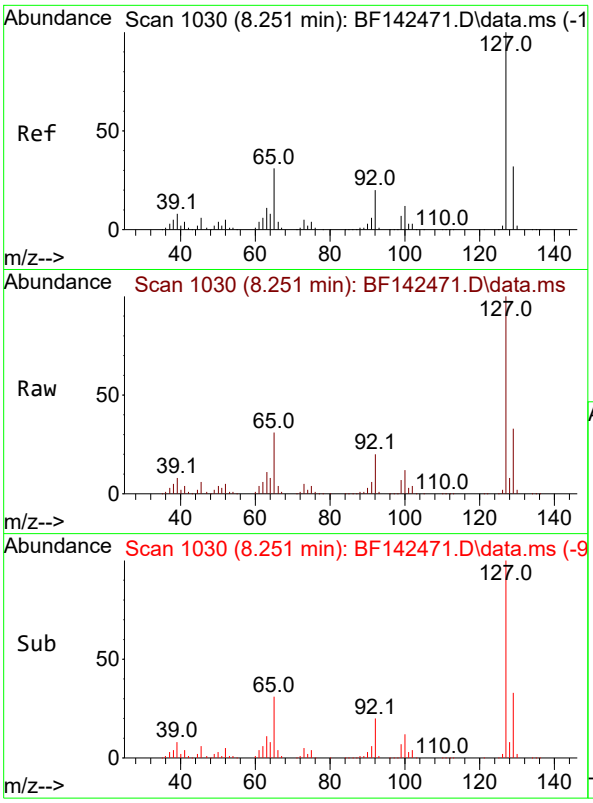


#32
Benzoic acid
Concen: 39.672 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:122 Resp: 142061

Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.7	141.7
77	89.5	69.5	109.5



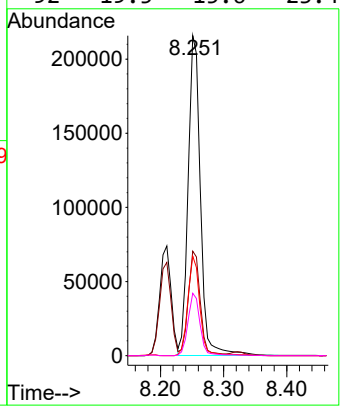


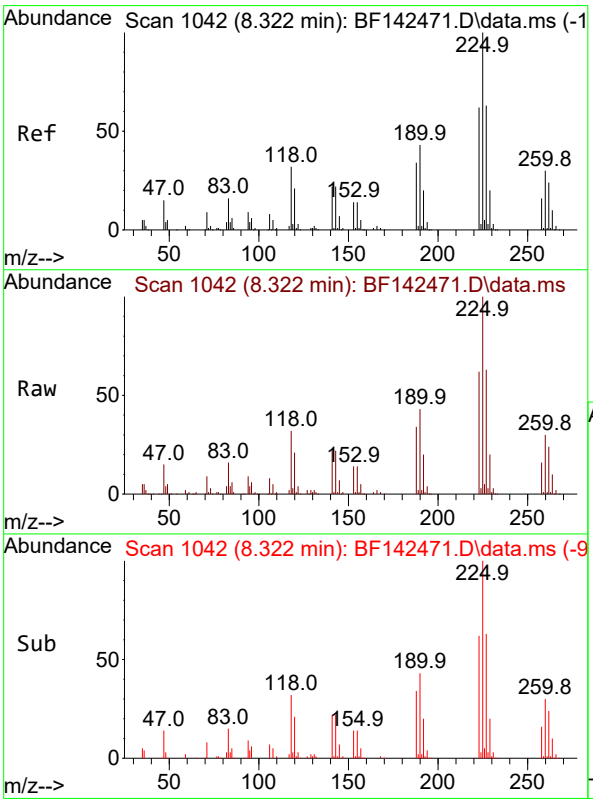
#33
4-Chloroaniline
Concen: 38.957 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 293373

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.1	24.9	37.3
92	19.5	15.6	23.4

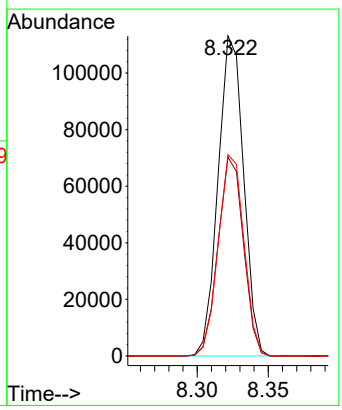


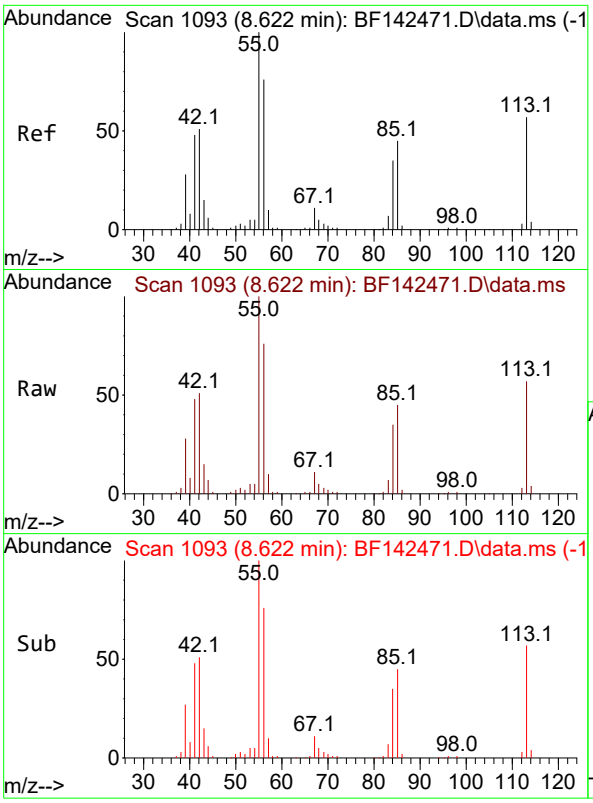


#34
Hexachlorobutadiene
Concen: 38.949 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:225 Resp: 141200

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	62.9	50.3	75.5



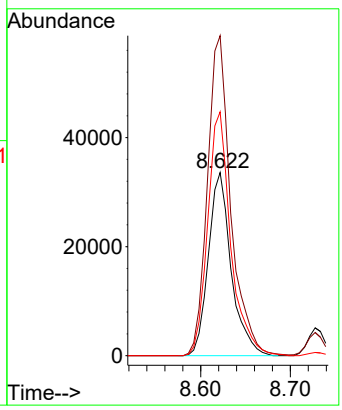


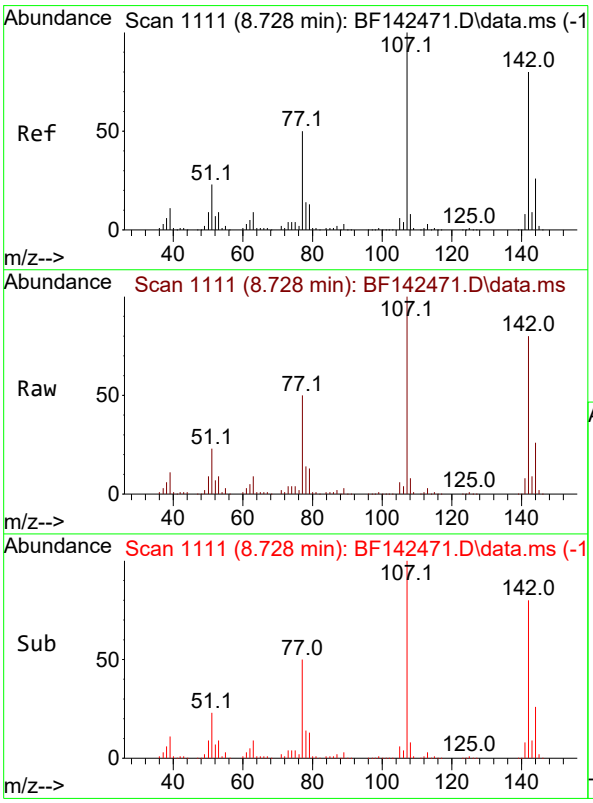
#35
Caprolactam
Concen: 39.473 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 59309

Ion	Ratio	Lower	Upper
113	100		
55	174.7	154.7	194.7
56	133.2	113.2	153.2

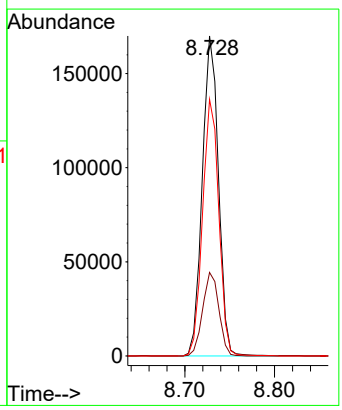


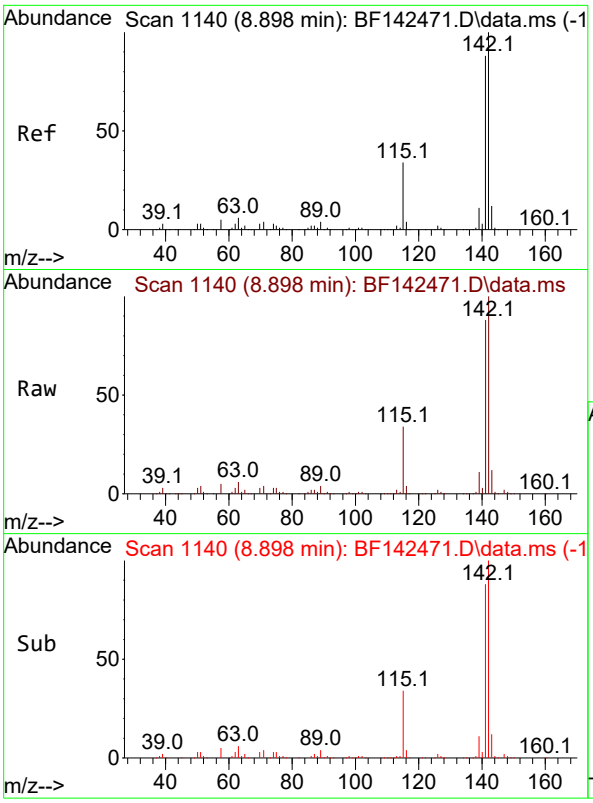


#36
4-Chloro-3-methylphenol
Concen: 38.800 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 212728

Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.9	31.3
142	80.2	64.2	96.2



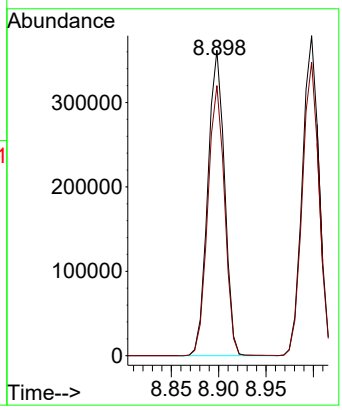


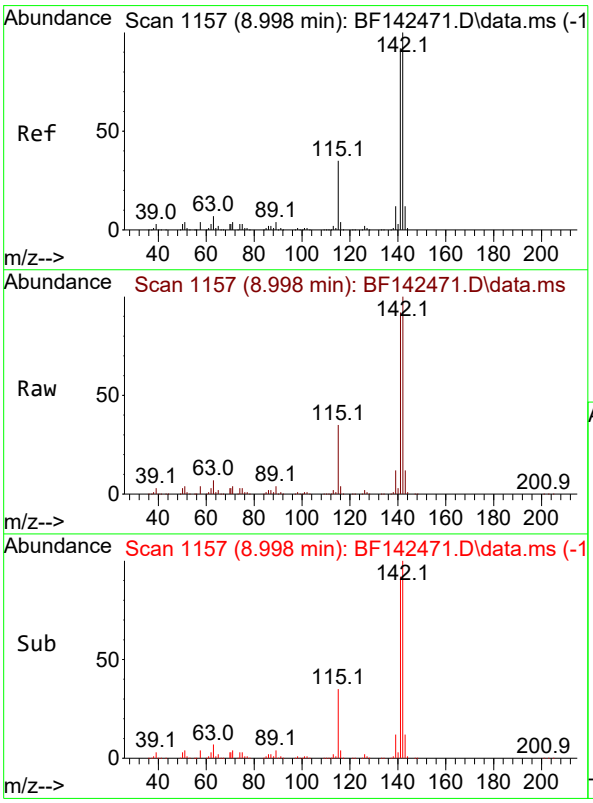
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 445368

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1

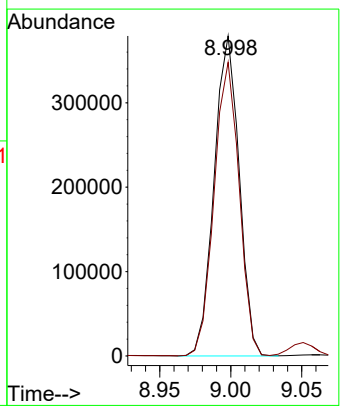


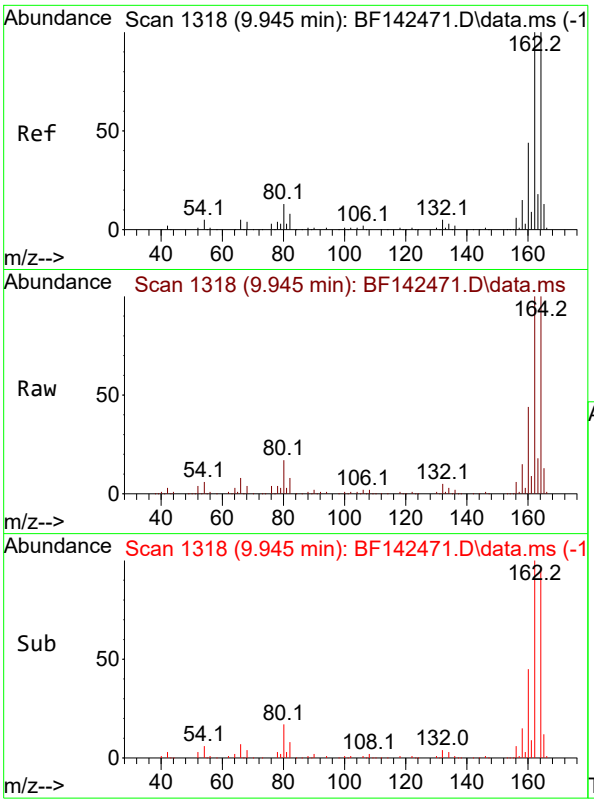


#38
1-Methylnaphthalene
Concen: 38.397 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:142 Resp: 464365

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2



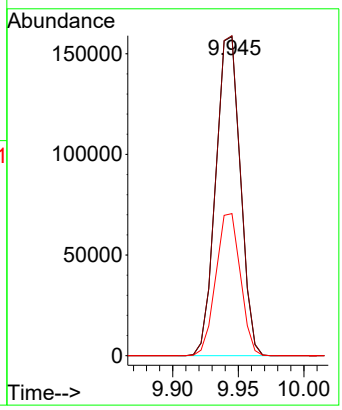


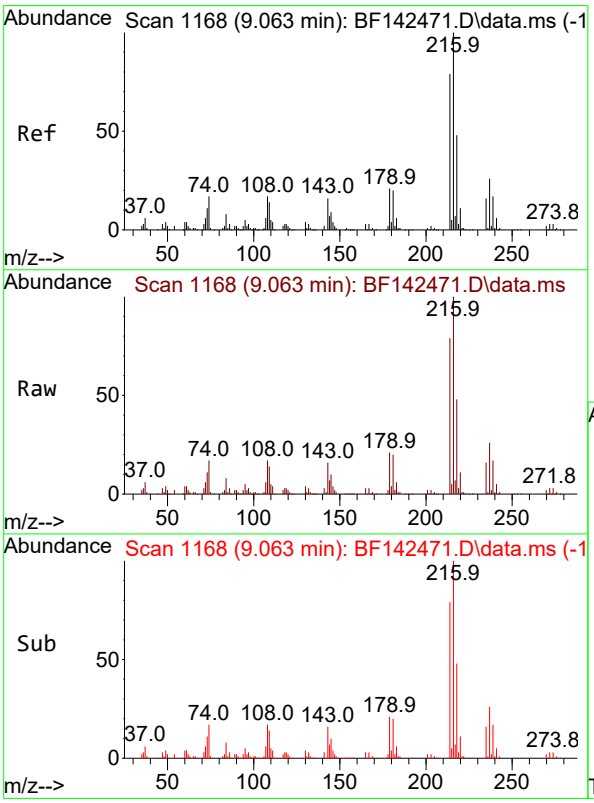
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 206343

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	44.5	35.6	53.4

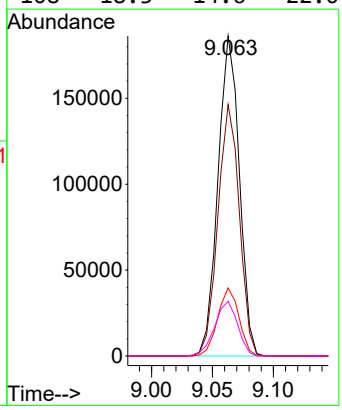


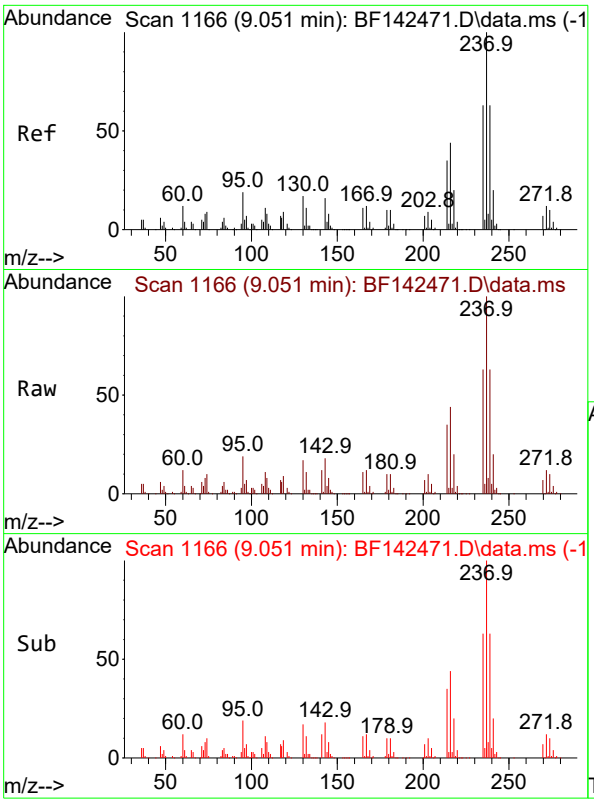


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.439 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:216 Resp: 227685

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	21.1	16.9	25.3
108	18.3	14.6	22.0



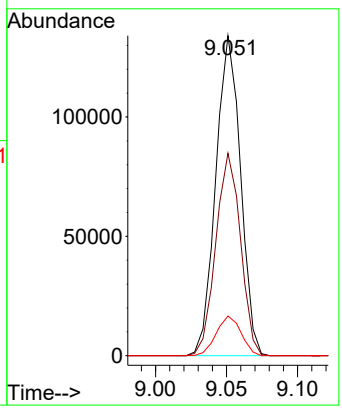


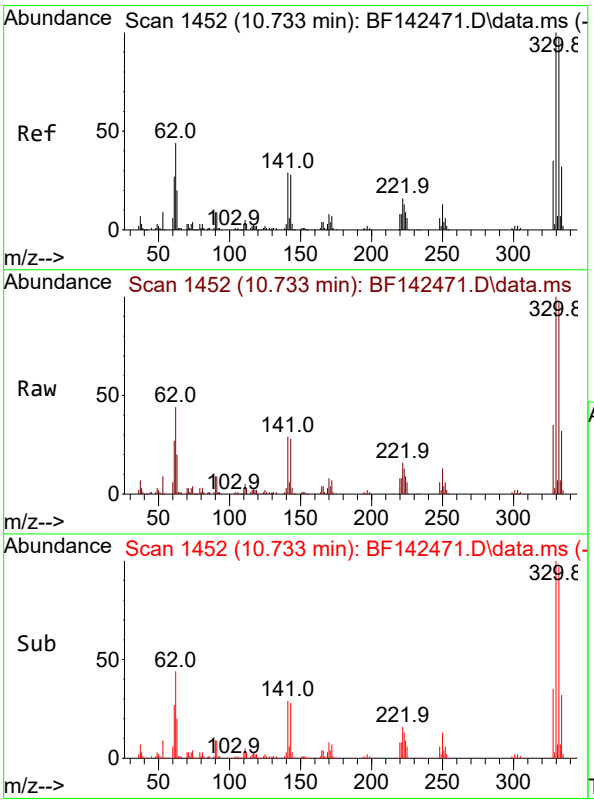
#41
Hexachlorocyclopentadiene
Concen: 40.622 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 162314

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.3	83.3
272	12.4	0.0	32.4

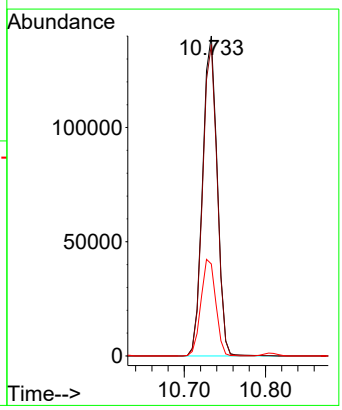


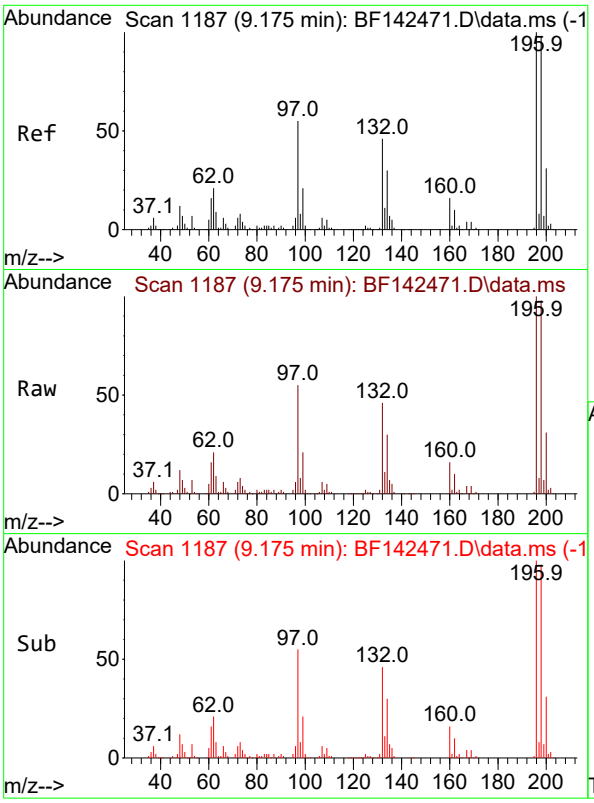


#42
2,4,6-Tribromophenol
Concen: 76.189 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:330 Resp: 174483

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.7	24.6	36.8



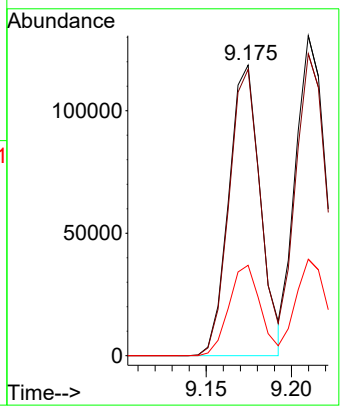


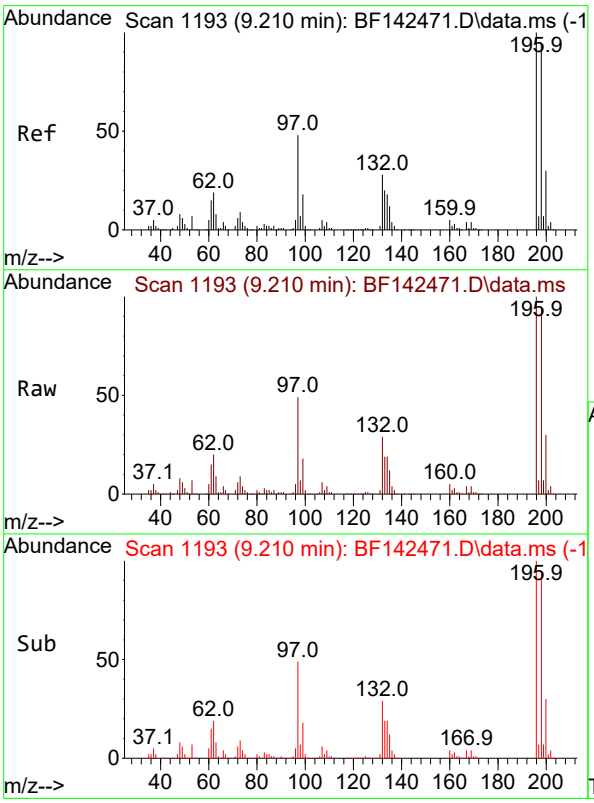
#43
2,4,6-Trichlorophenol
Concen: 38.383 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 153308

Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.8	118.2
200	31.1	24.9	37.3

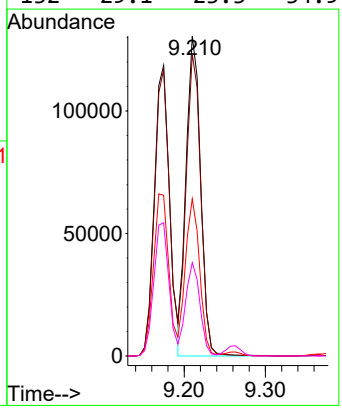


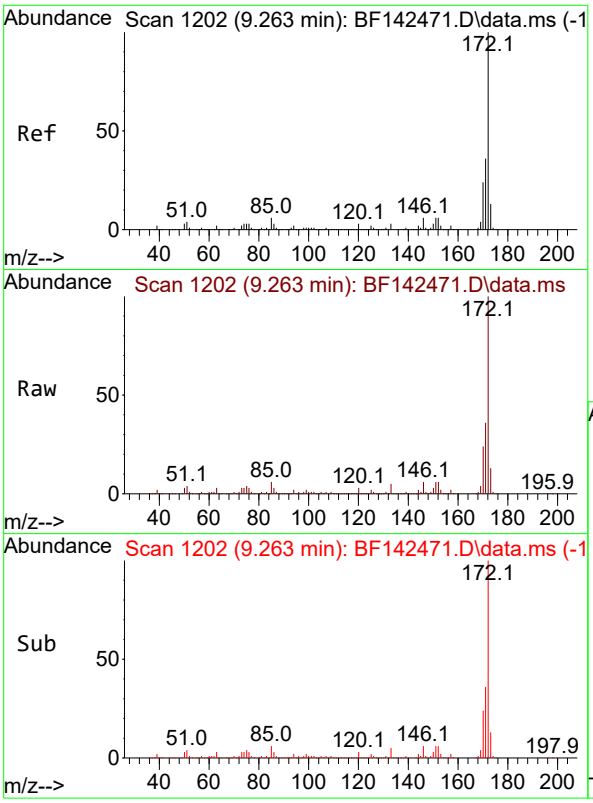


#44
2,4,5-Trichlorophenol
Concen: 38.667 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:196 Resp: 162880

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
97	49.1	39.3	58.9
132	29.1	23.3	34.9



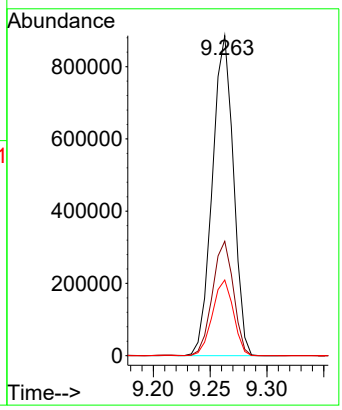


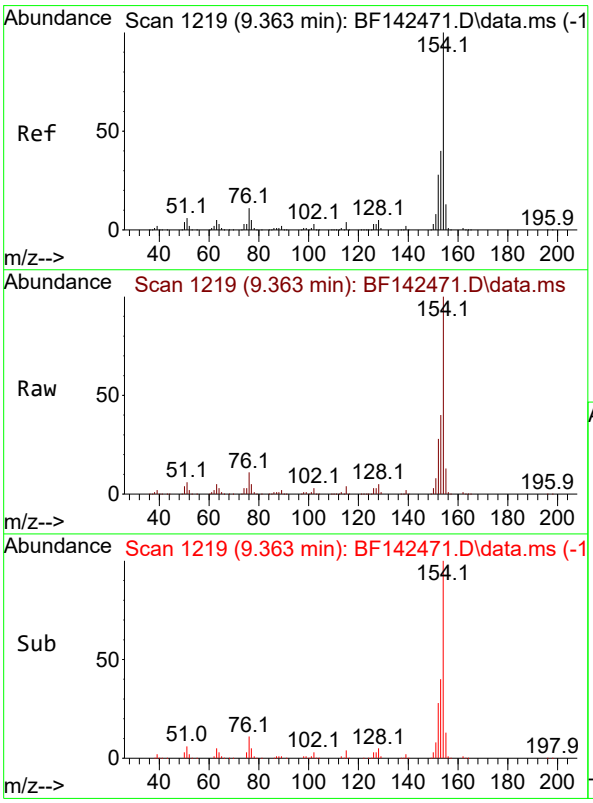
#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1144883

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	18.9	28.3

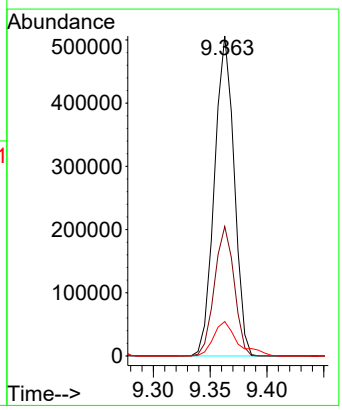


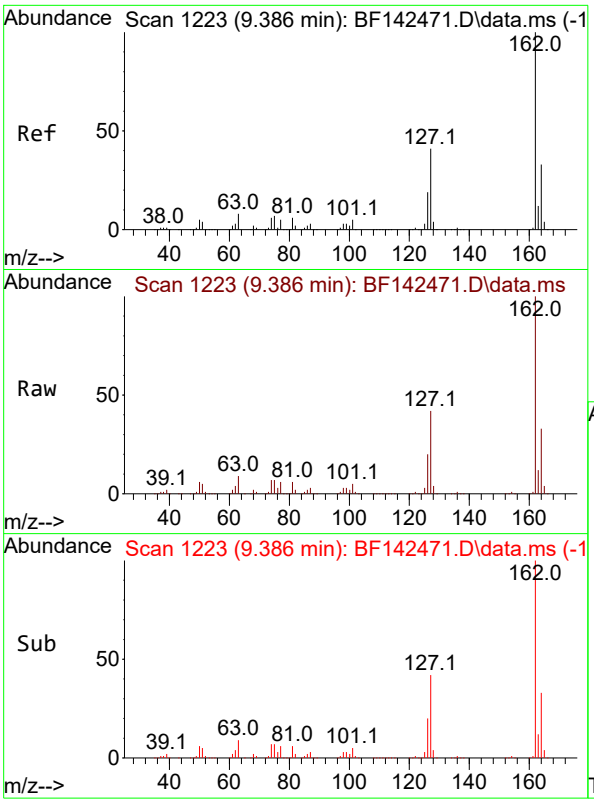


#46
1,1'-Biphenyl
Concen: 38.146 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:154 Resp: 610663

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.8	0.0	30.8



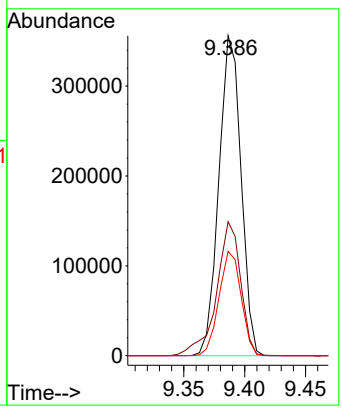


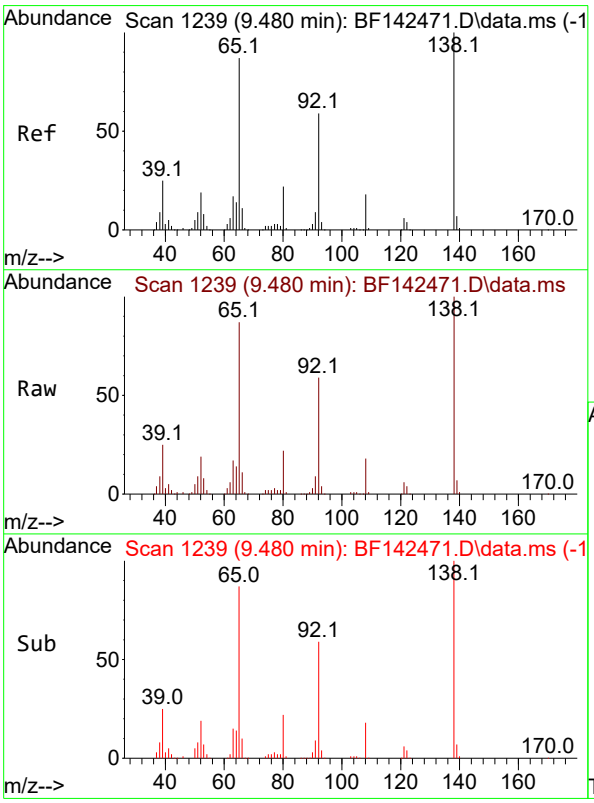
#47
2-Chloronaphthalene
Concen: 38.185 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 451638

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.5	50.3
164	32.6	26.1	39.1

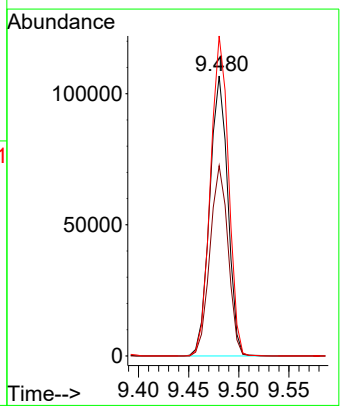


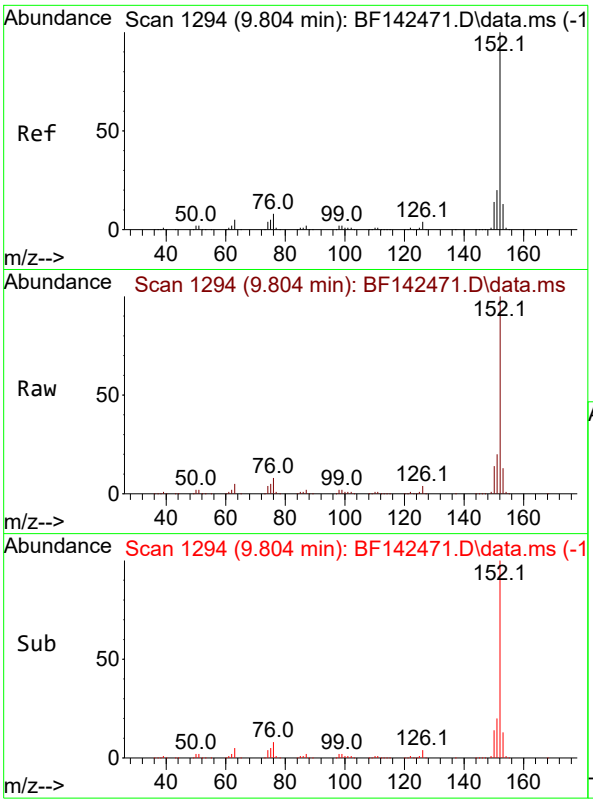


#48
2-Nitroaniline
Concen: 39.102 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 65 Resp: 133679

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	114.3	91.4	137.2



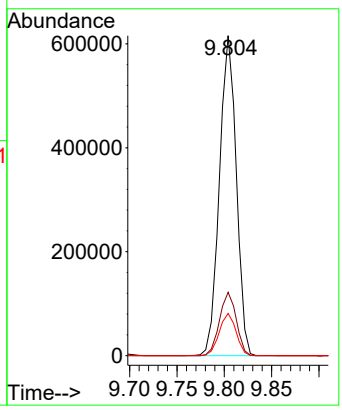


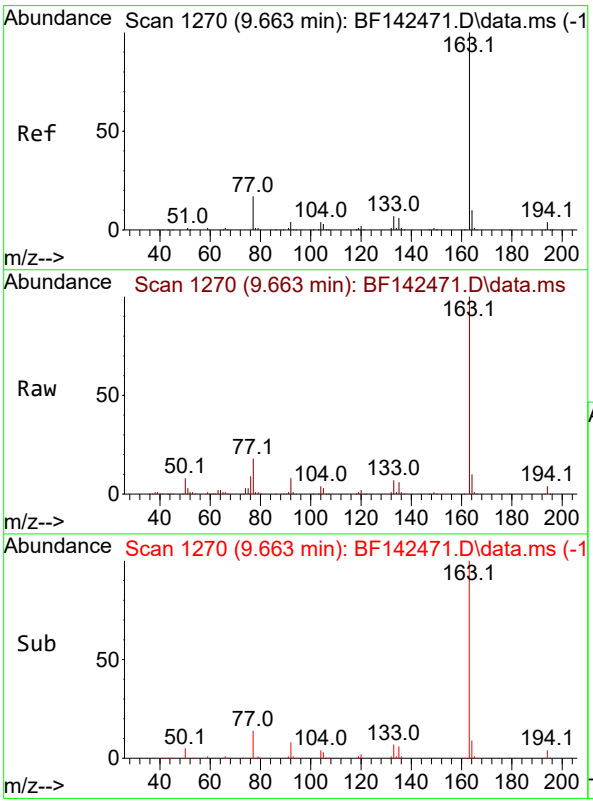
#49
Acenaphthylene
Concen: 38.240 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 763730

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	15.8

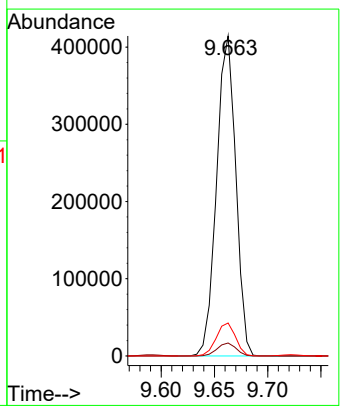


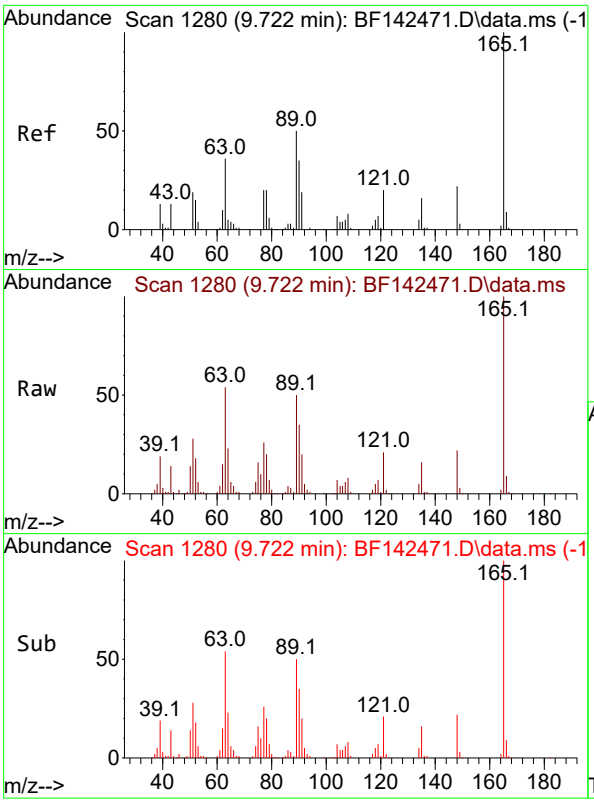


#50
Dimethylphthalate
Concen: 38.051 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:163 Resp: 518078

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.4



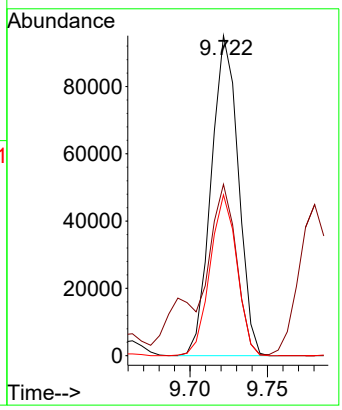


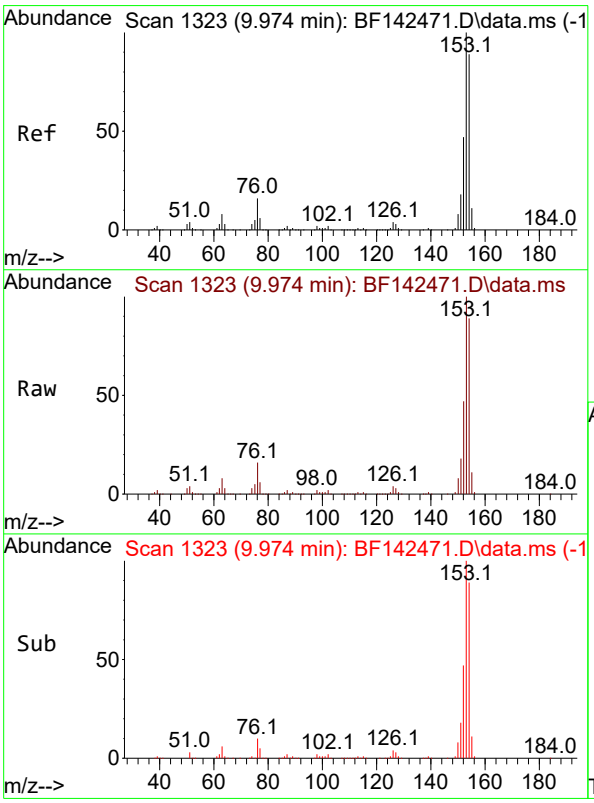
#51
2,6-Dinitrotoluene
Concen: 39.370 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 115691

Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.9	64.3
89	50.3	40.2	60.4

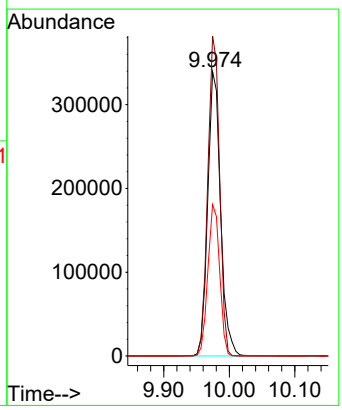


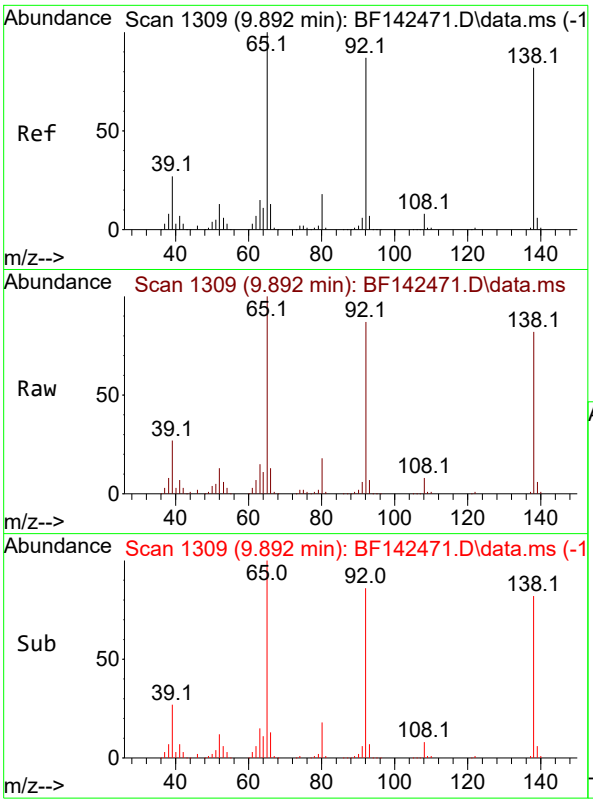


#52
Acenaphthene
Concen: 37.904 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:154 Resp: 462249

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.3	42.6	64.0



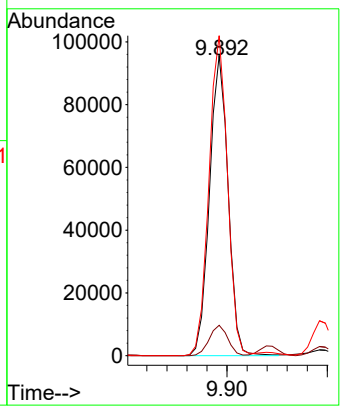


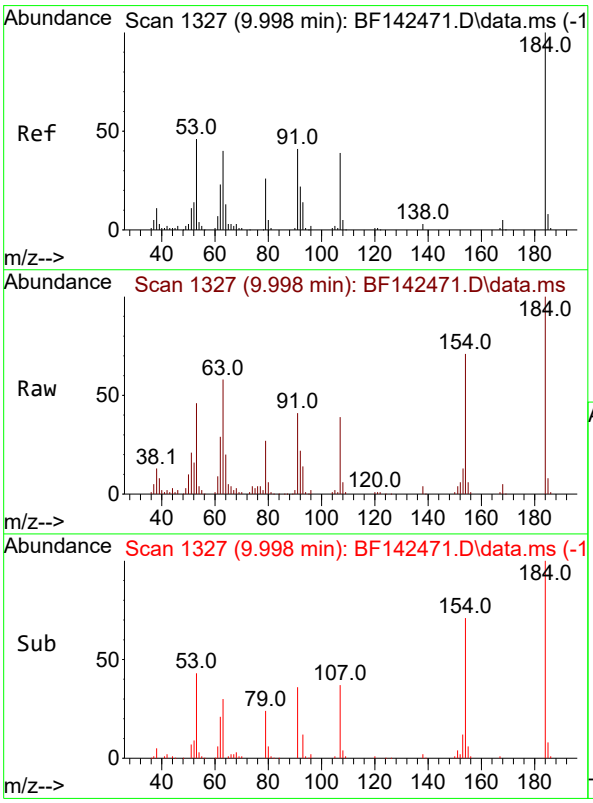
#53
3-Nitroaniline
Concen: 38.413 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 123293

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	106.5	85.2	127.8

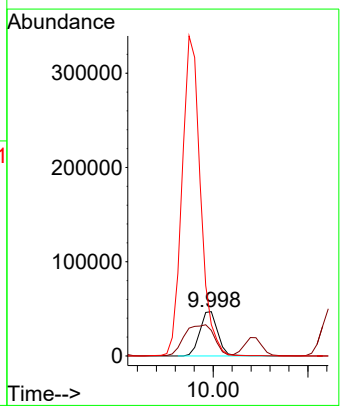


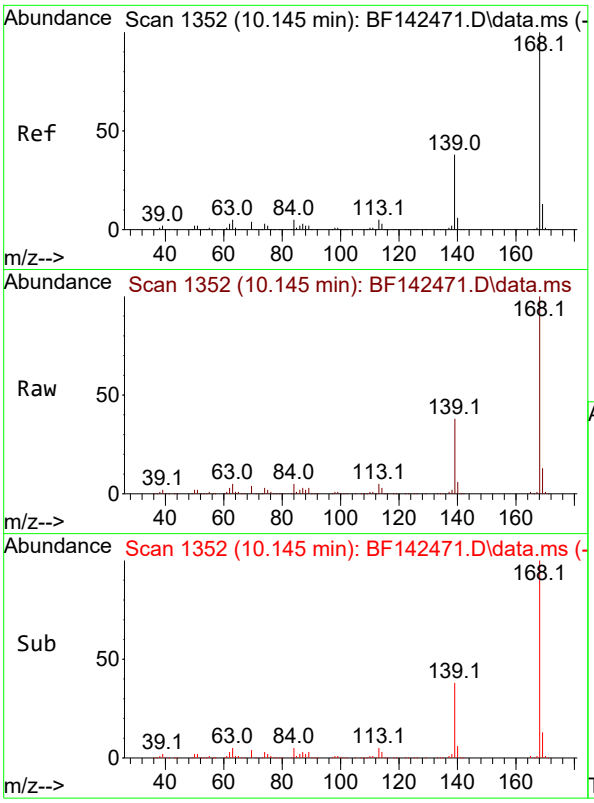


#54
2,4-Dinitrophenol
Concen: 40.477 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:184 Resp: 61452

Ion	Ratio	Lower	Upper
184	100		
63	57.9	46.3	69.5
154	71.0	56.8	85.2



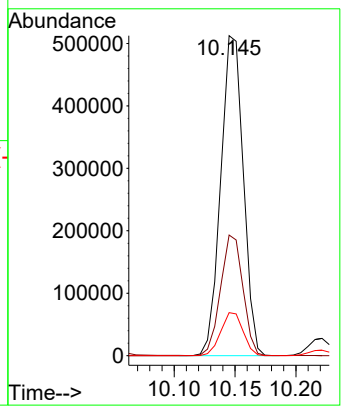


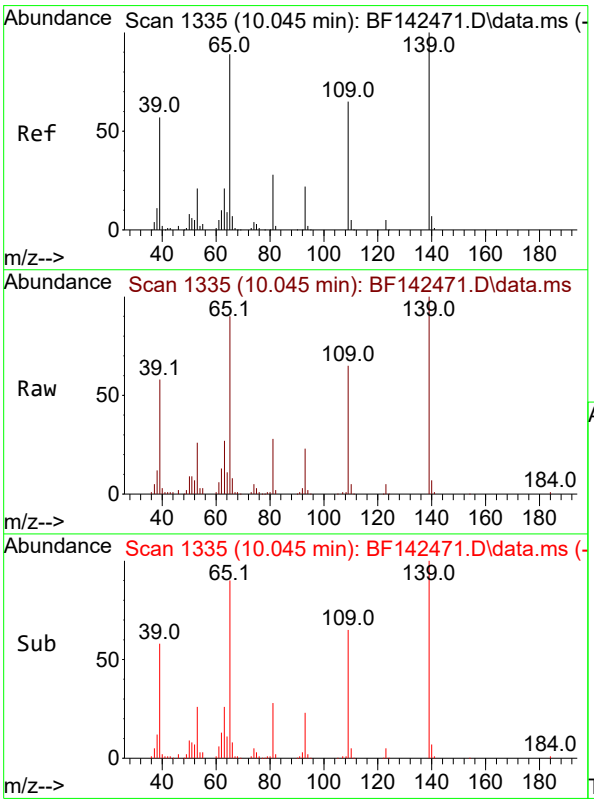
#55
Dibenzofuran
Concen: 37.758 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 662626

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.2
169	13.4	10.7	16.1

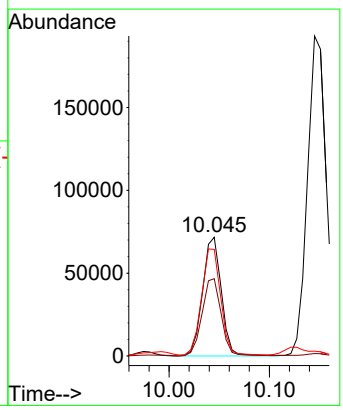


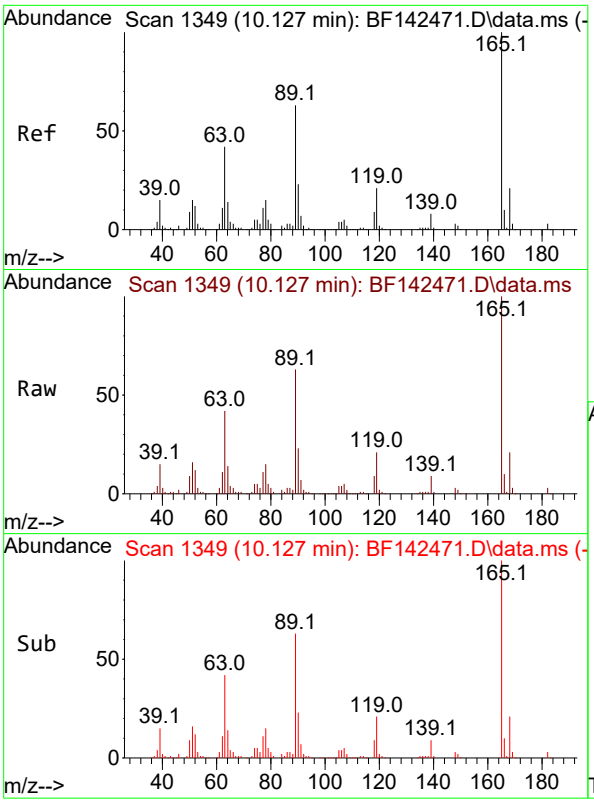


#56
4-Nitrophenol
Concen: 39.526 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:139 Resp: 93606

Ion	Ratio	Lower	Upper
139	100		
109	65.1	45.1	85.1
65	89.7	69.7	109.7



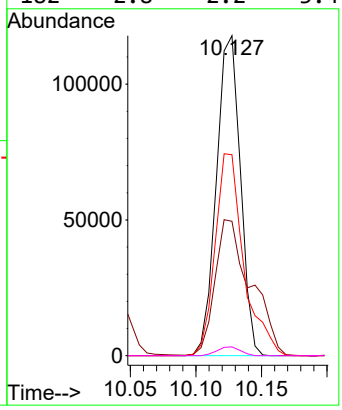


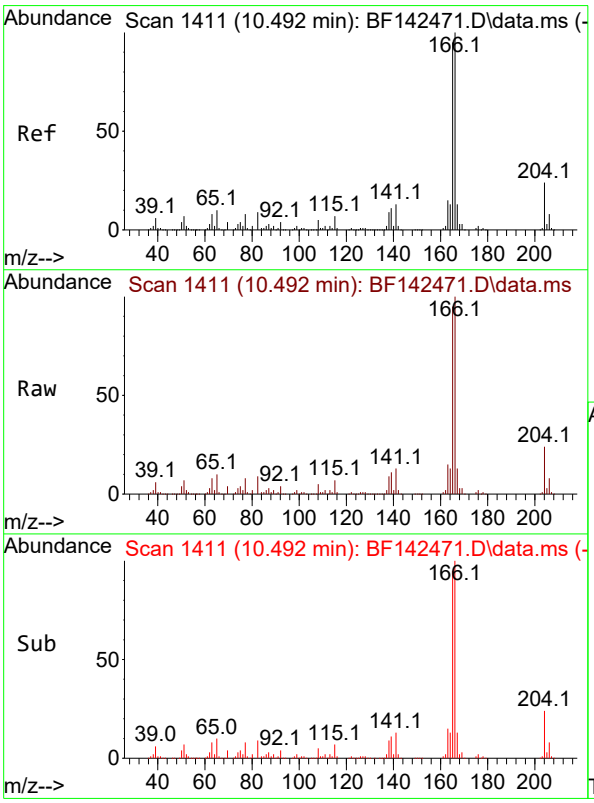
#57
2,4-Dinitrotoluene
Concen: 39.095 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 150036

Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.6	50.4
89	62.8	50.2	75.4
182	2.8	2.2	3.4

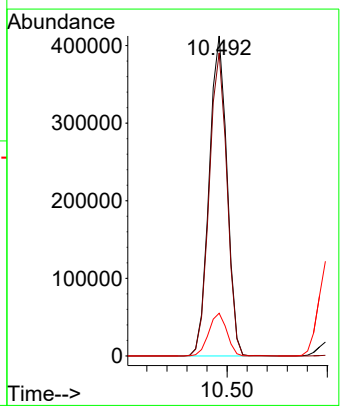


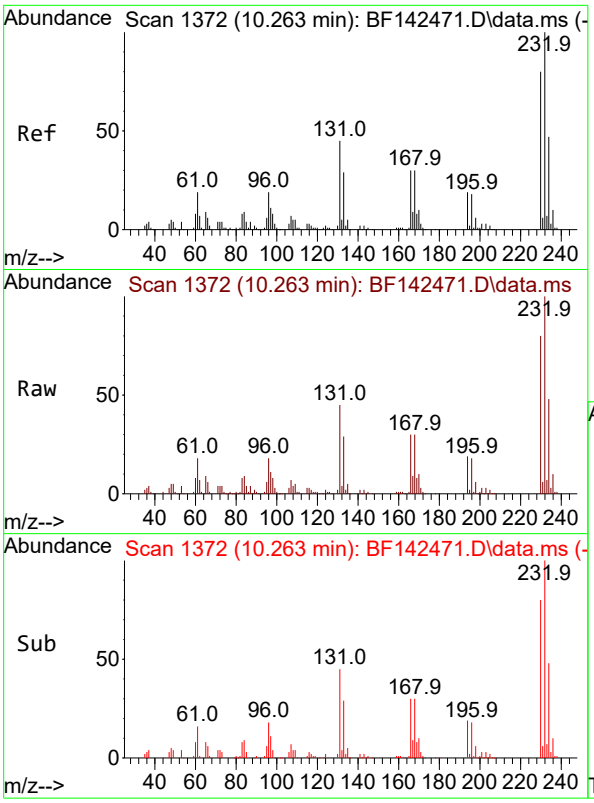


#58
Fluorene
Concen: 37.457 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:166 Resp: 507836

Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.8	113.8
167	13.3	10.6	16.0



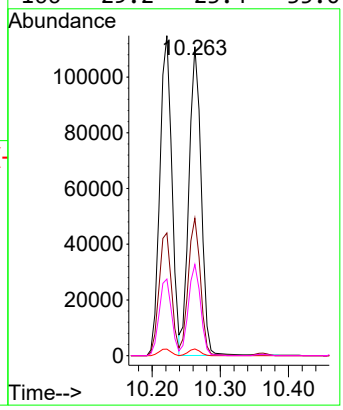


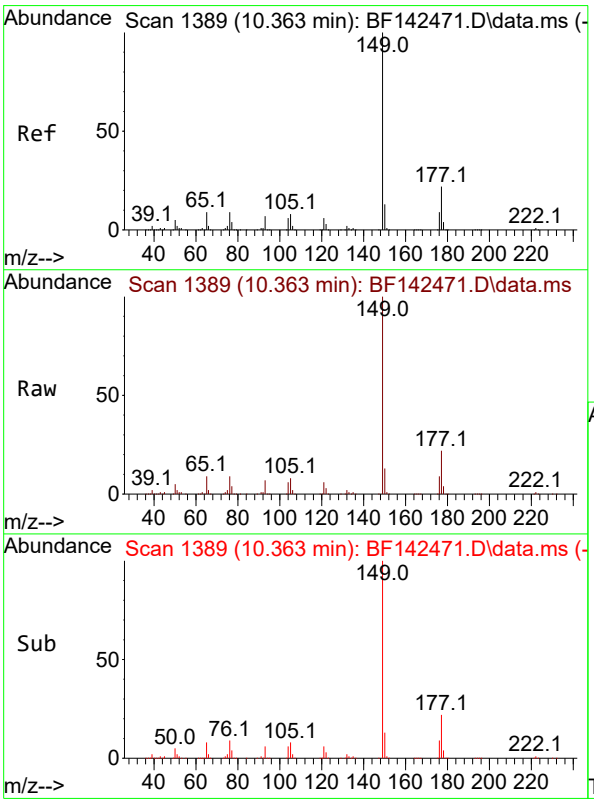
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.022 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 137225

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.2	52.8
130	2.1	1.7	2.5
166	29.2	23.4	35.0

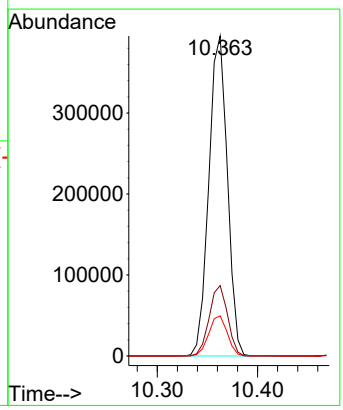


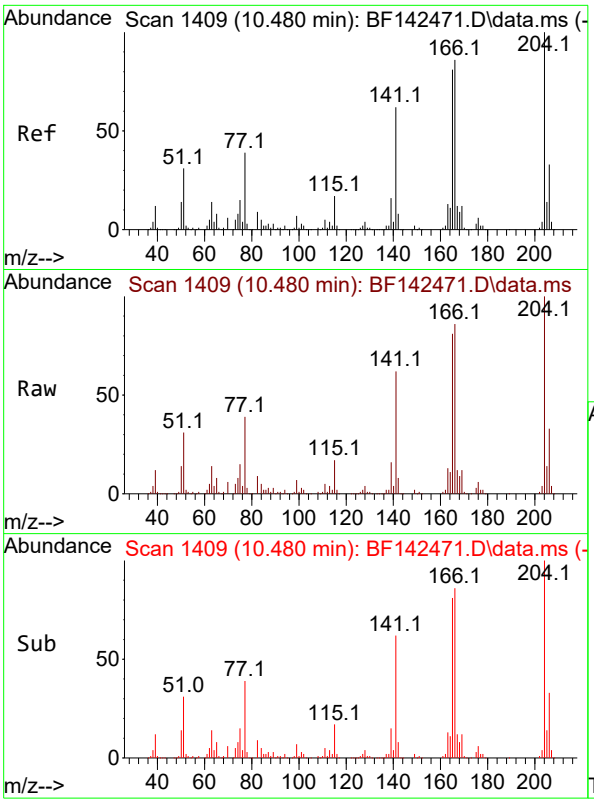


#60
Diethylphthalate
Concen: 38.217 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 508183

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1



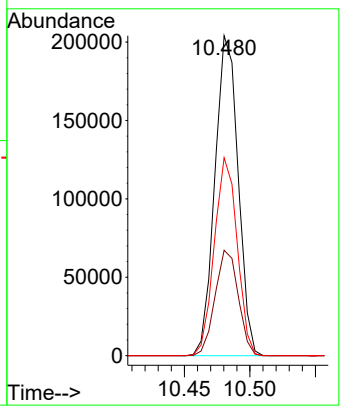


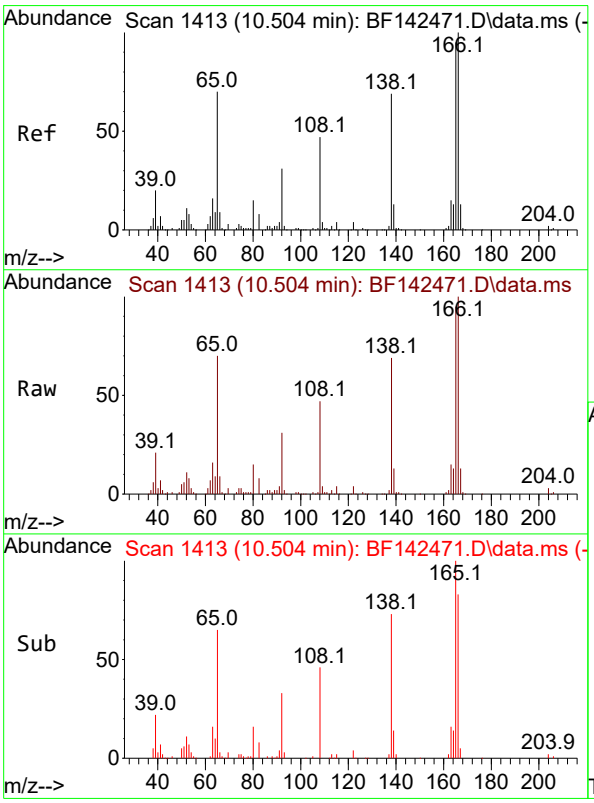
#61
4-Chlorophenyl-phenylether
Concen: 37.706 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 251129

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	61.9	49.5	74.3

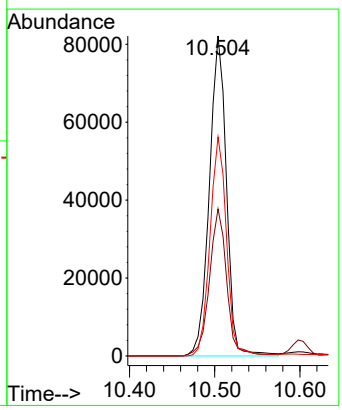


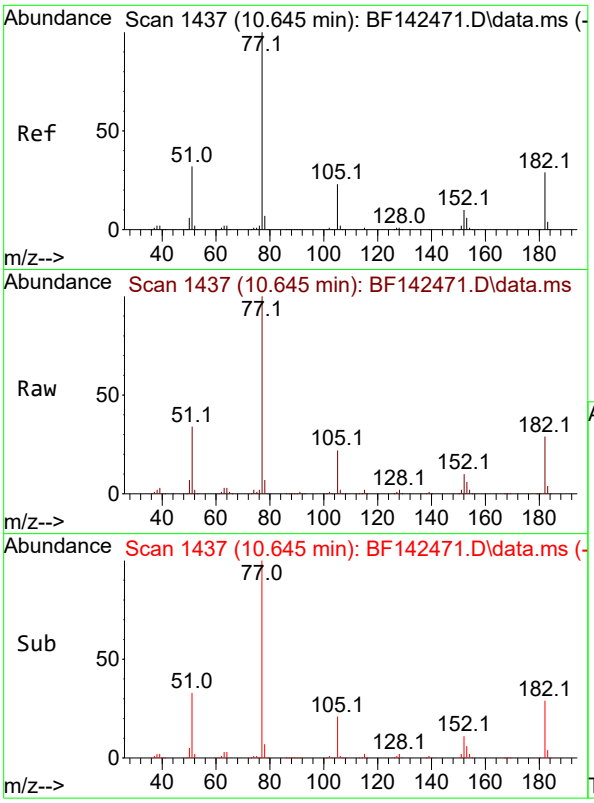


#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:138 Resp: 114265

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	68.4	48.4	88.4



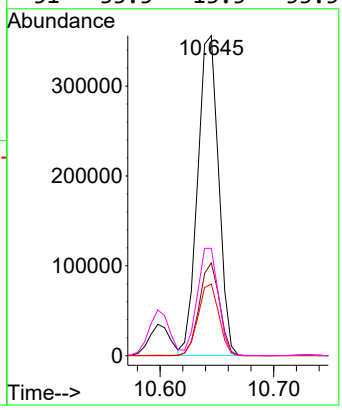


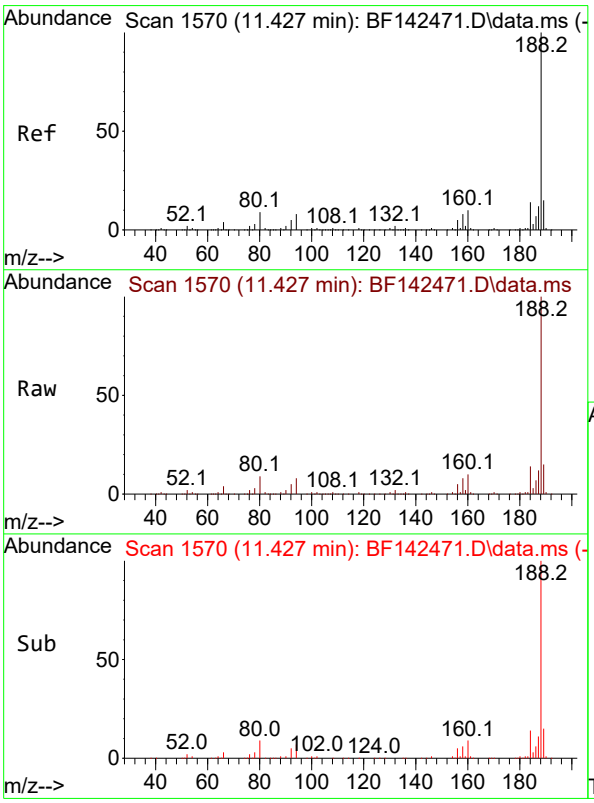
#63
Azobenzene
Concen: 38.246 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 456781

Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.4	2.4	42.4
51	33.5	13.5	53.5

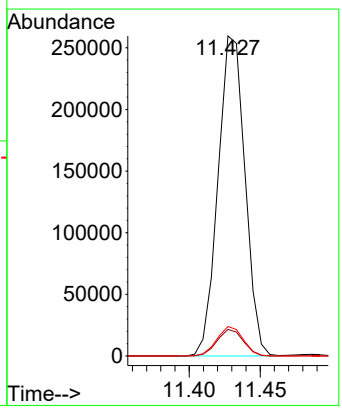


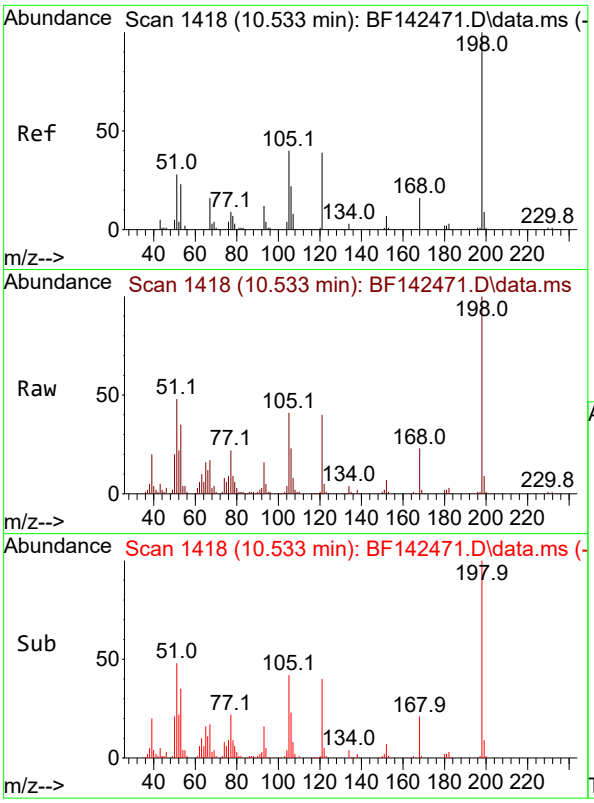


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:188 Resp: 343068

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.4	11.0



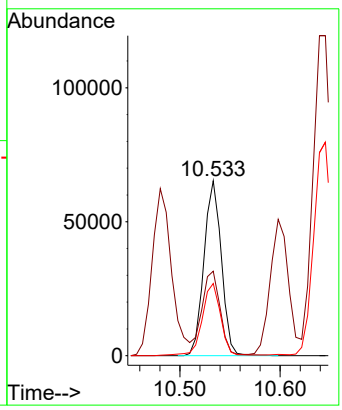


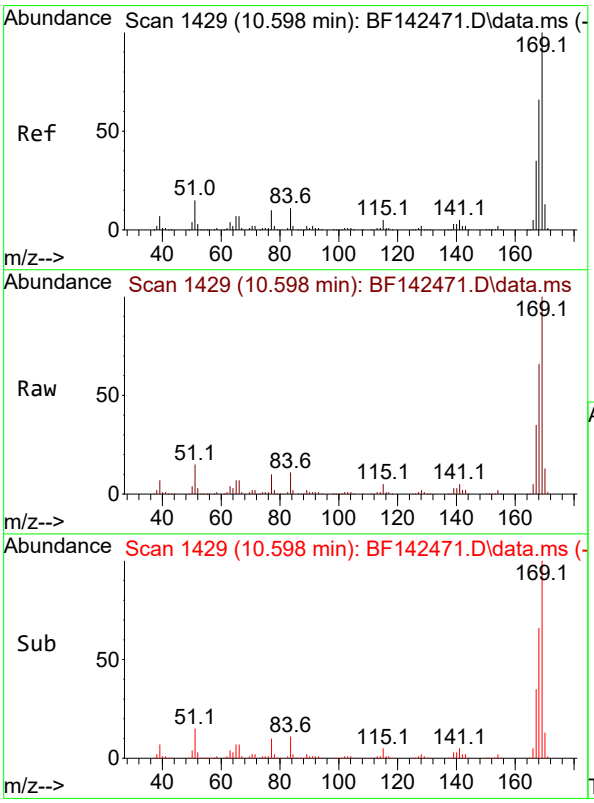
#65
4,6-Dinitro-2-methylphenol
Concen: 41.326 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 79121

Ion	Ratio	Lower	Upper
198	100		
51	48.3	28.3	68.3
105	41.3	21.3	61.3

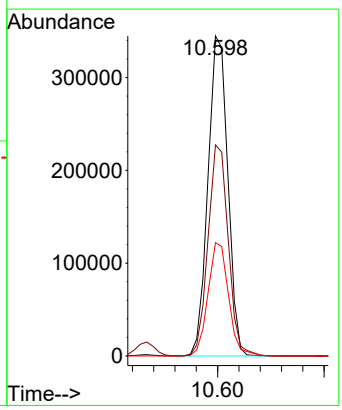


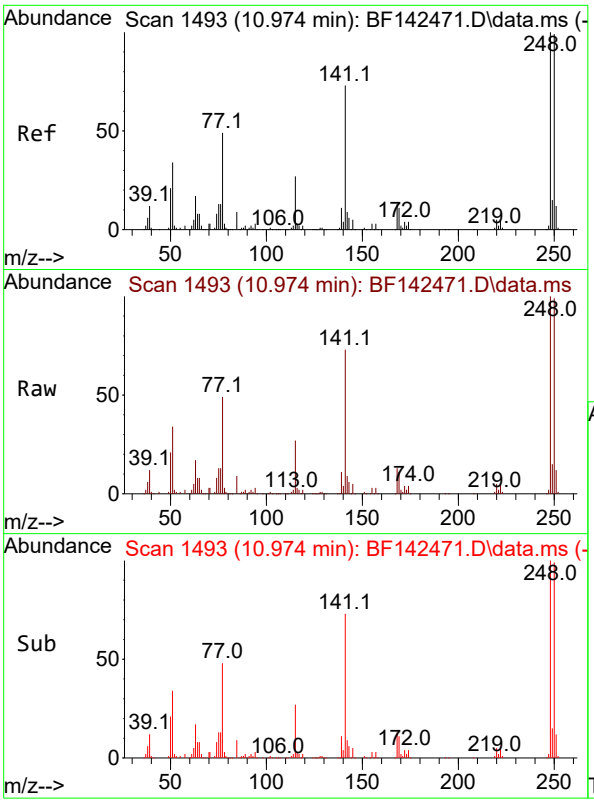


#66
n-Nitrosodiphenylamine
Concen: 37.917 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:169 Resp: 445033

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.4	28.3	42.5



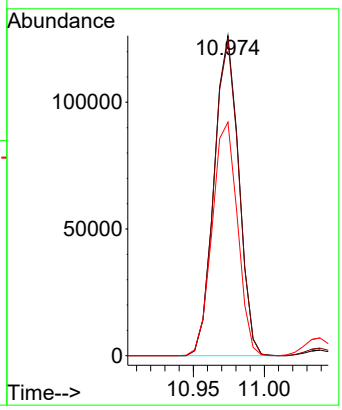


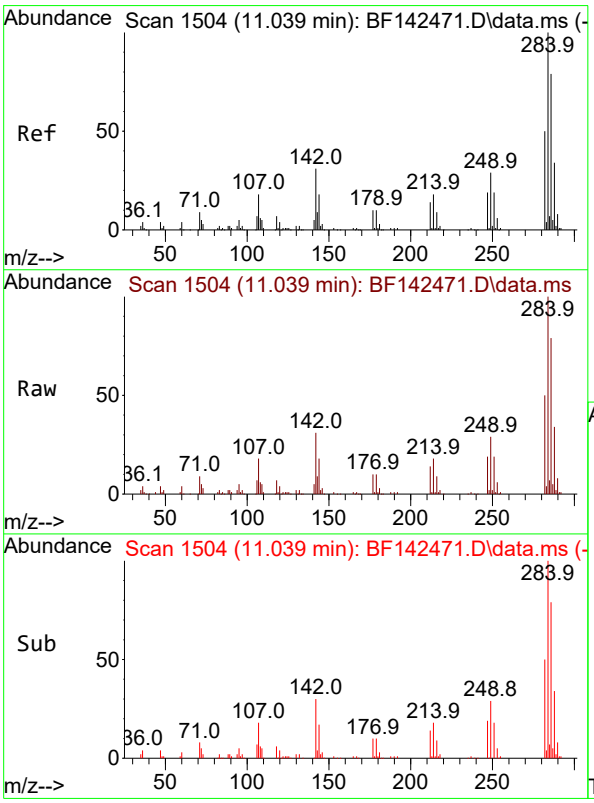
#67
4-Bromophenyl-phenylether
Concen: 37.556 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 152348

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.0	118.4
141	73.0	58.4	87.6

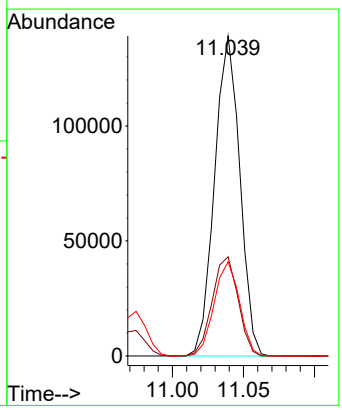


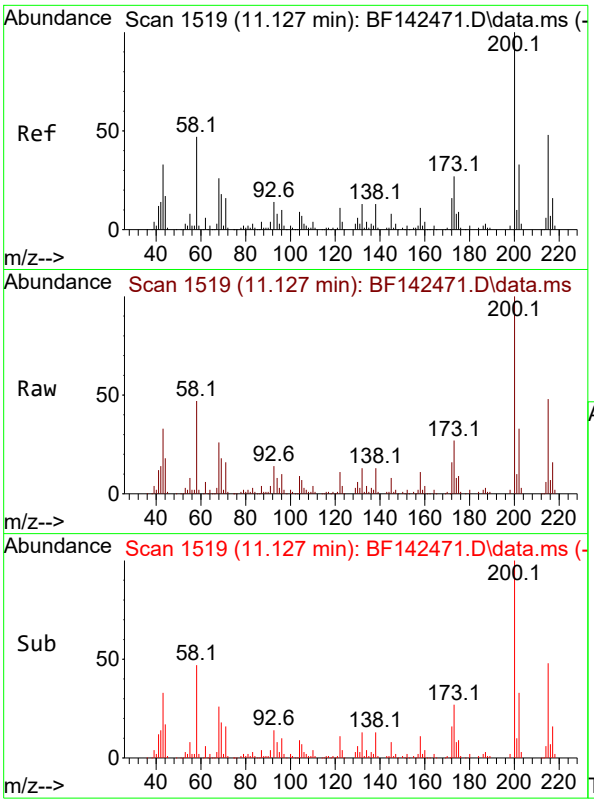


#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:284 Resp: 171918

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.8	37.2
249	29.5	23.6	35.4



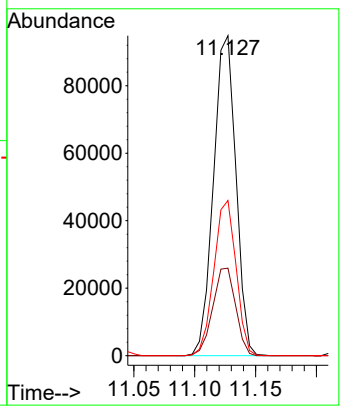


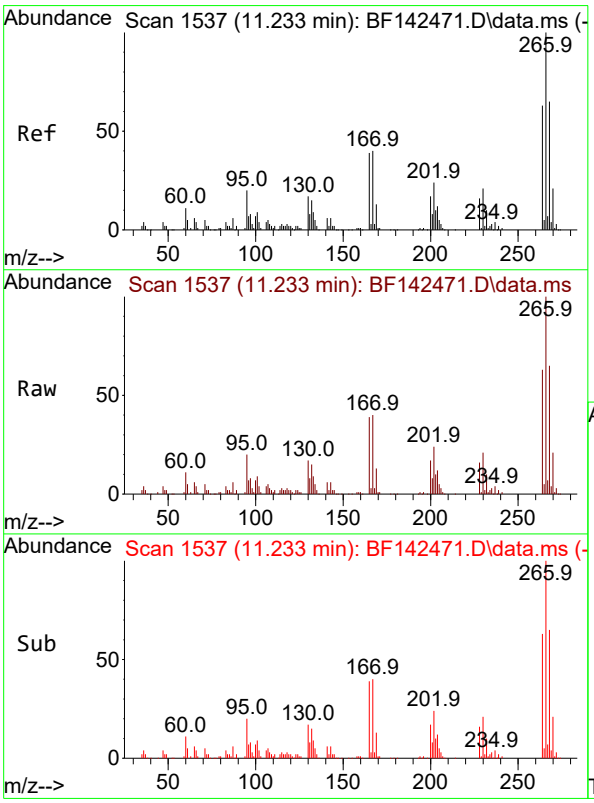
#69
Atrazine
Concen: 39.072 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 121790

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.5	28.5	68.5

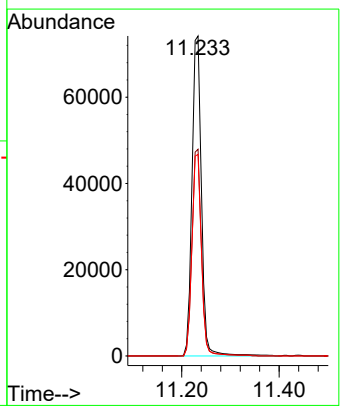


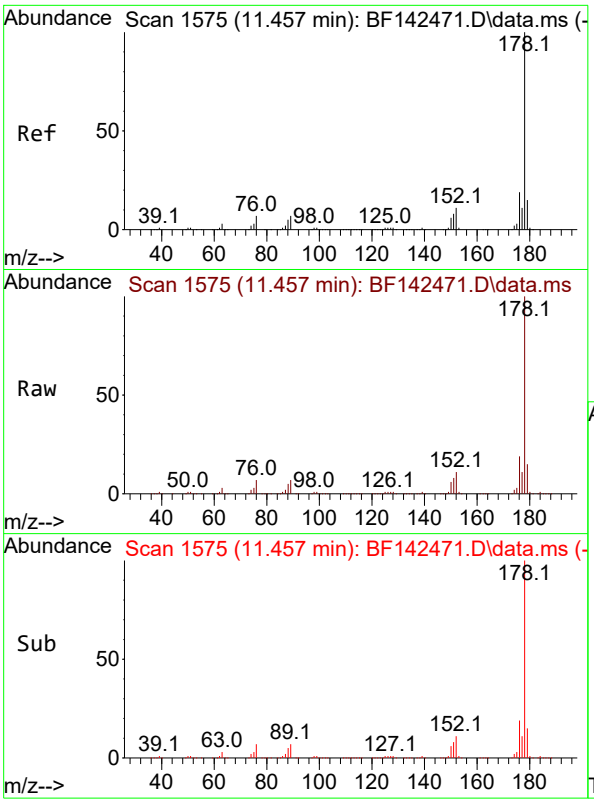


#70
Pentachlorophenol
Concen: 39.824 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:266 Resp: 100877

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.7	77.5
264	63.0	50.4	75.6



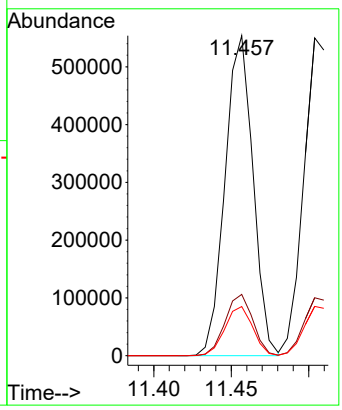


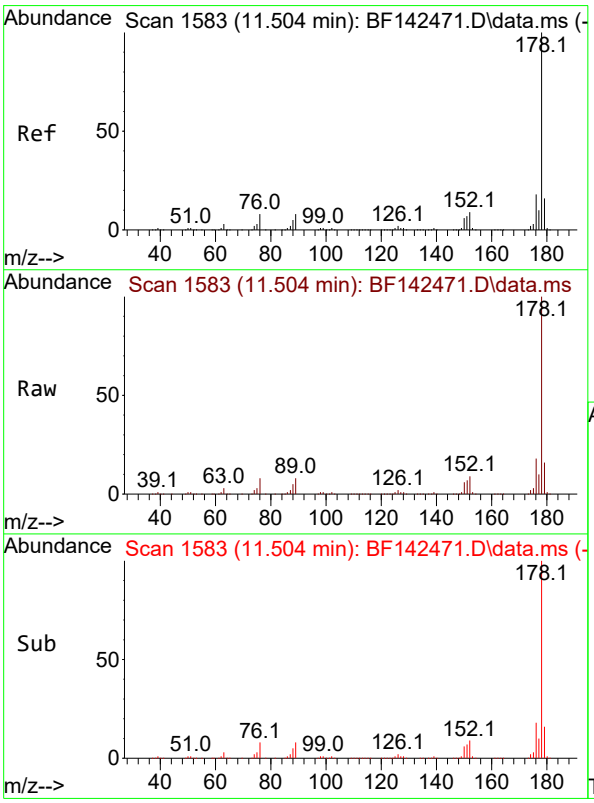
#71
Phenanthrene
Concen: 37.855 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 694045

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.4	12.3	18.5

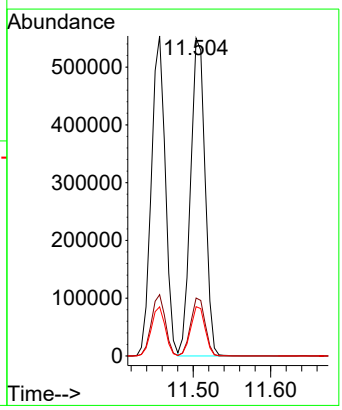


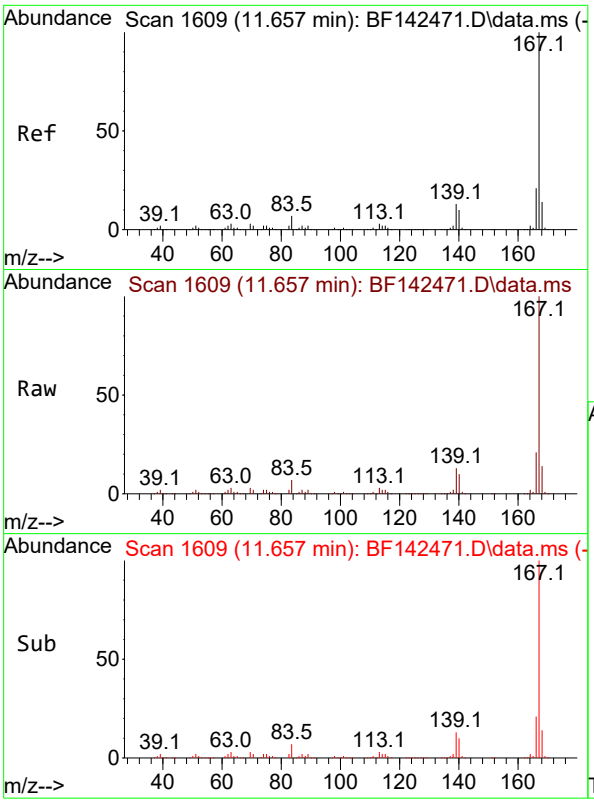


#72
Anthracene
Concen: 38.007 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:178 Resp: 711162

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.4	18.6



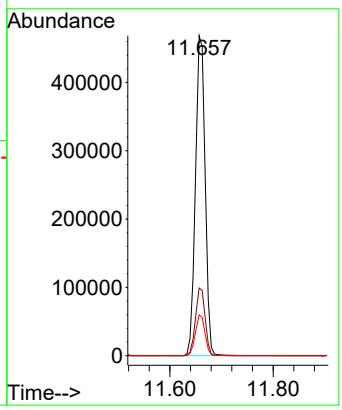


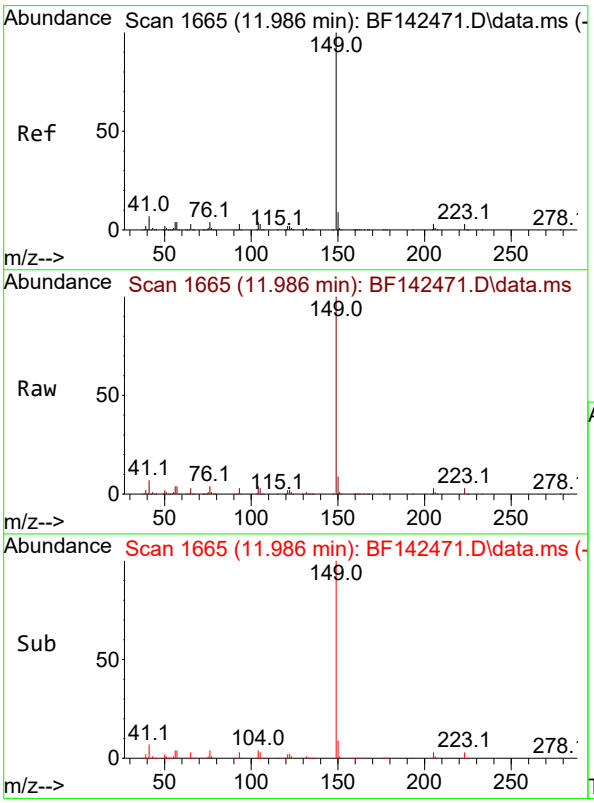
#73
Carbazole
Concen: 38.140 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 610097

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.8	10.2	15.4

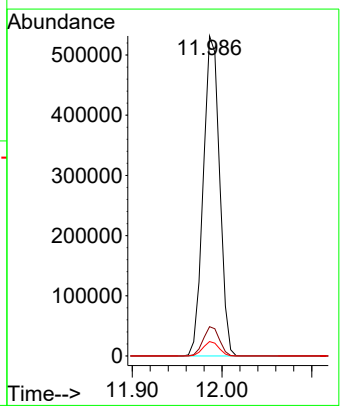


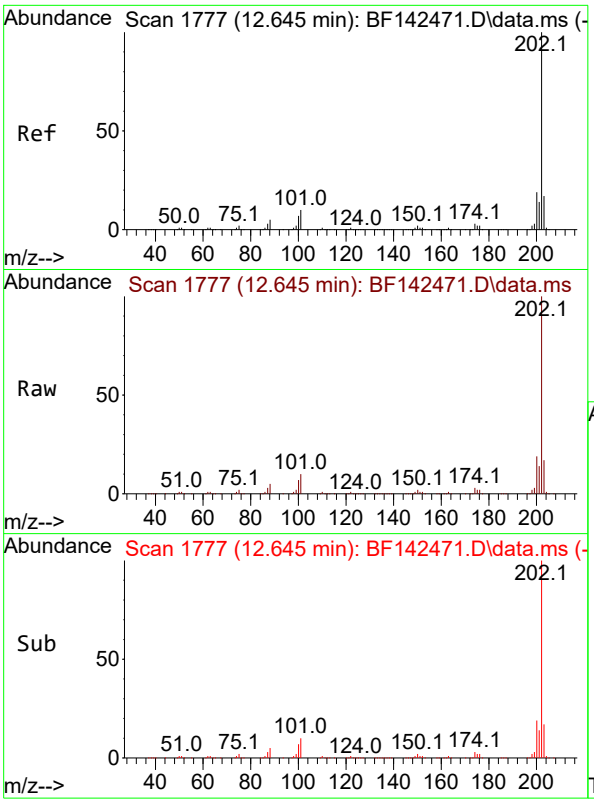


#74
Di-n-butylphthalate
Concen: 38.227 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 669345

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.5	3.6	5.4



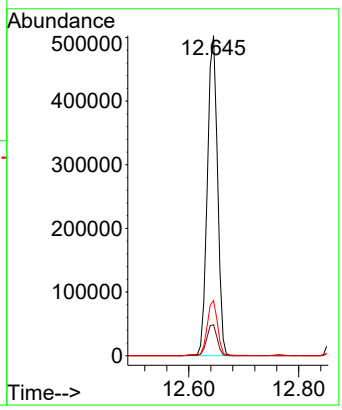


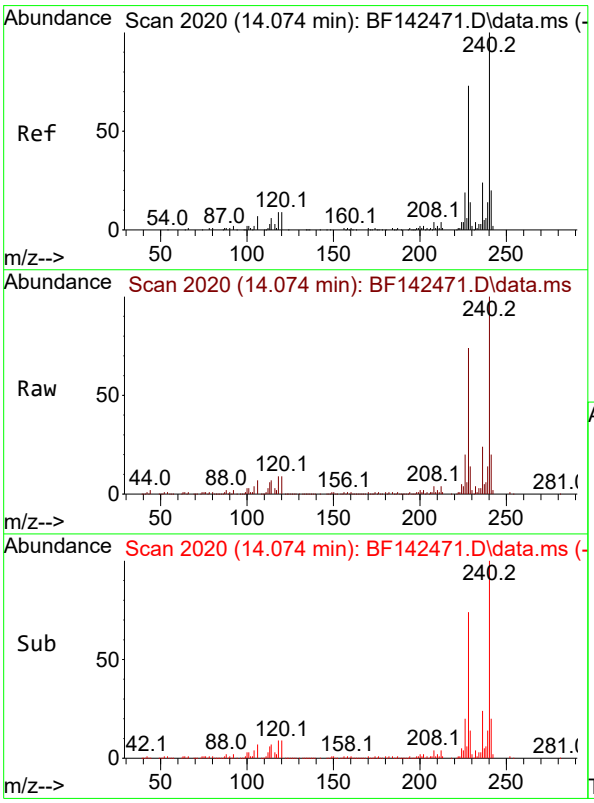
#75
Fluoranthene
Concen: 37.569 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 643610

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	17.2	0.0	37.2

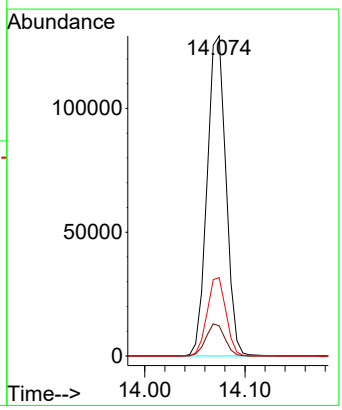


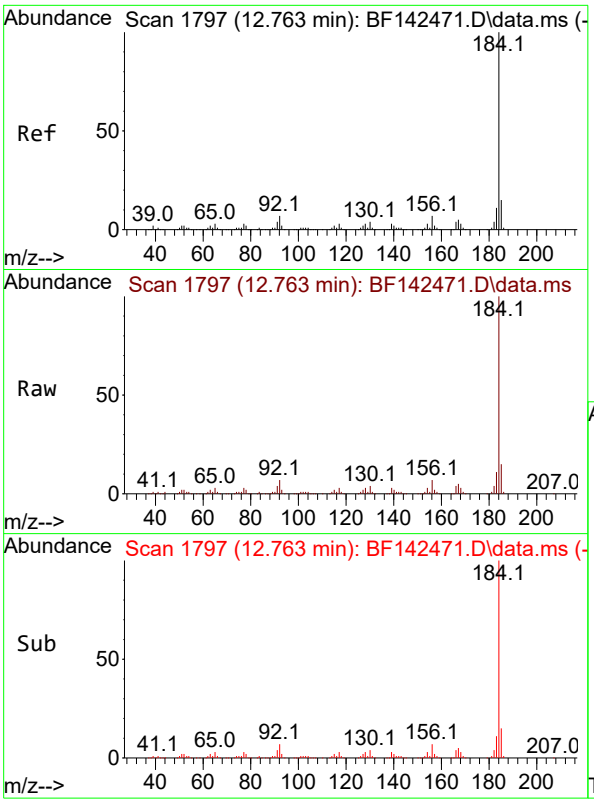


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:240 Resp: 169022

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	24.5	19.6	29.4



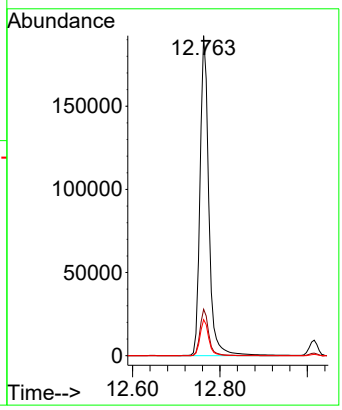


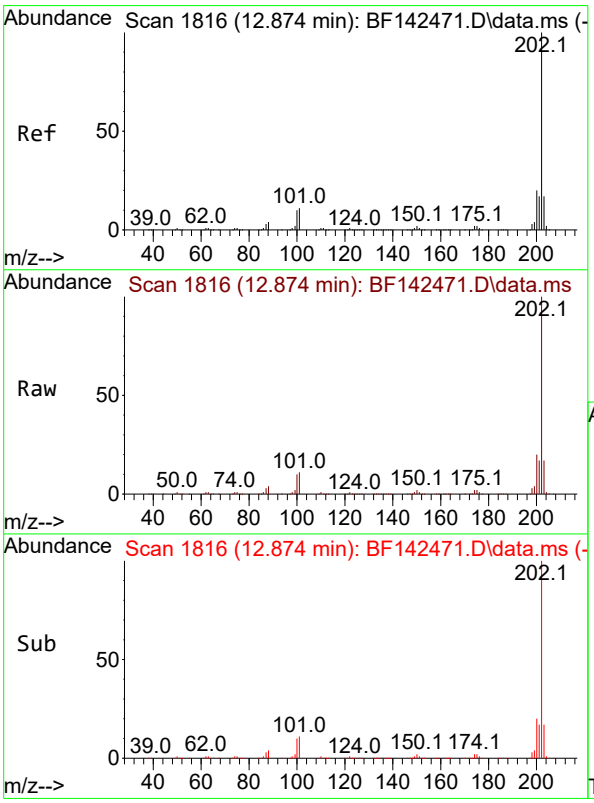
#77
Benzidine
Concen: 42.816 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 269307

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.2	9.0	13.4

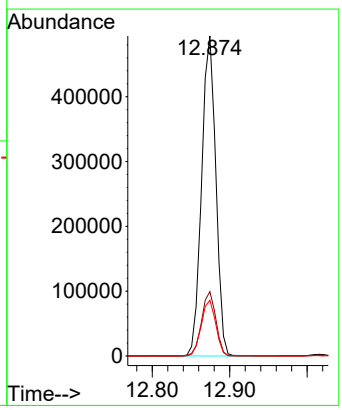


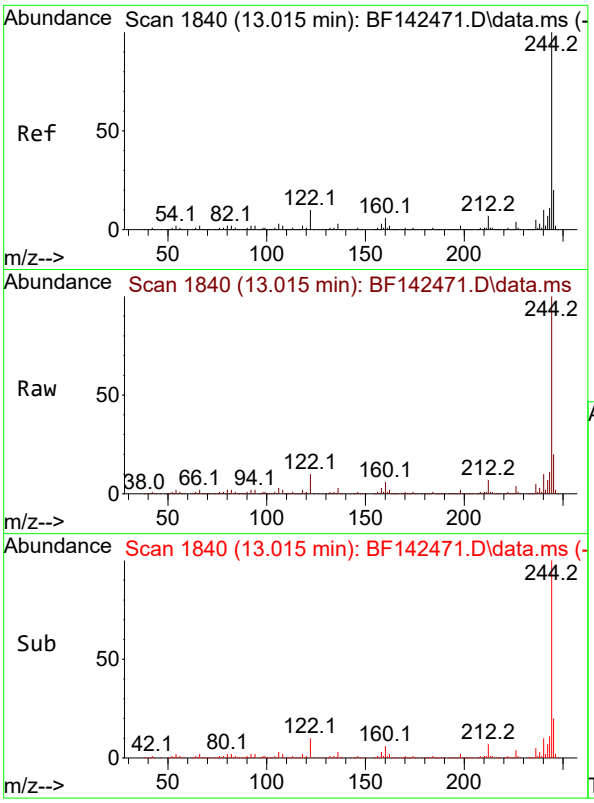


#78
Pyrene
Concen: 39.853 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:202 Resp: 628371

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.4	13.9	20.9



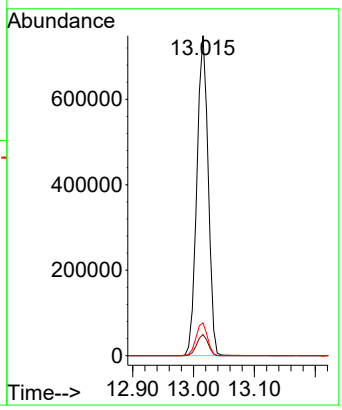


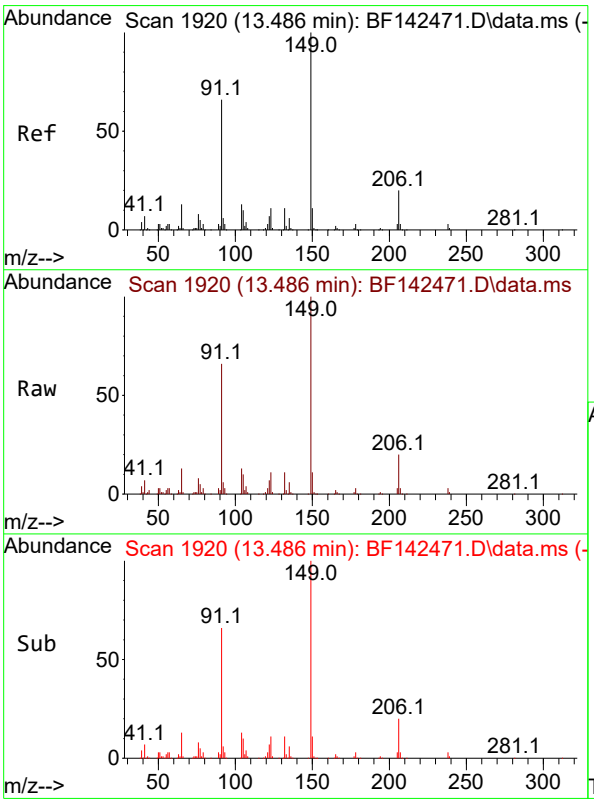
#79
Terphenyl-d14
Concen: 77.802 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 962300

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.2	8.2	12.2

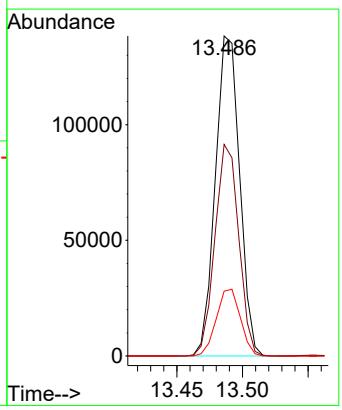


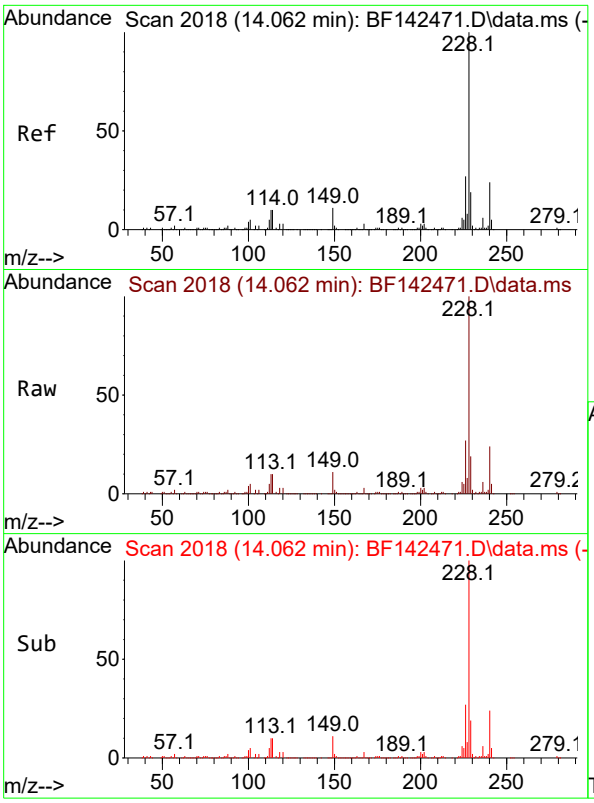


#80
Butylbenzylphthalate
Concen: 40.819 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 177841

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.9	79.3
206	20.2	16.2	24.2



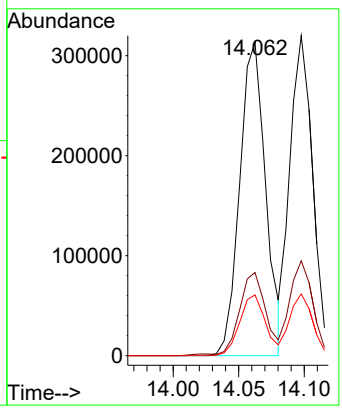


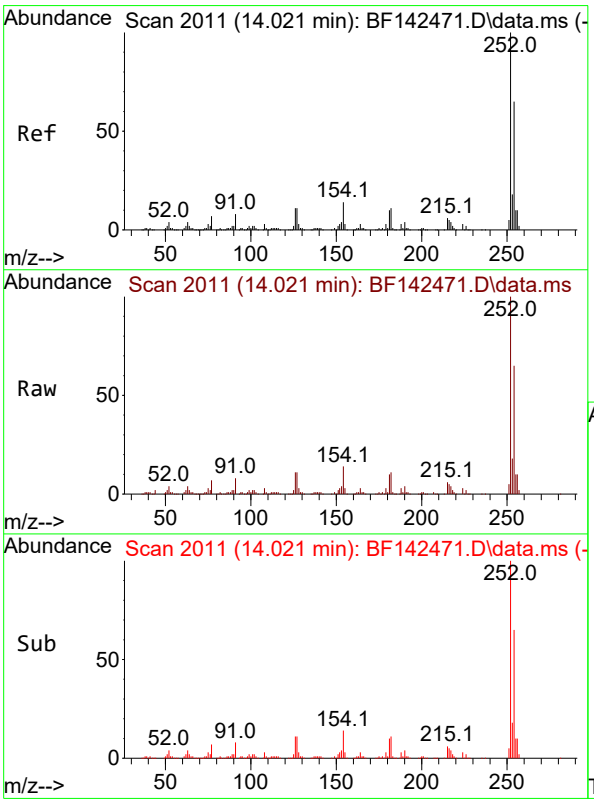
#81
Benzo(a)anthracene
Concen: 38.276 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 431998

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.4	15.5	23.3

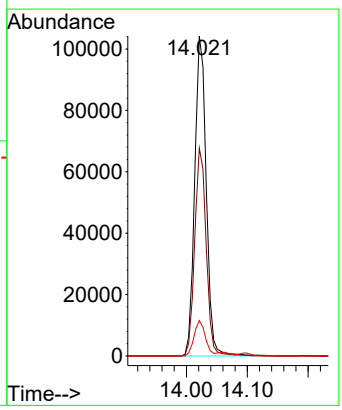


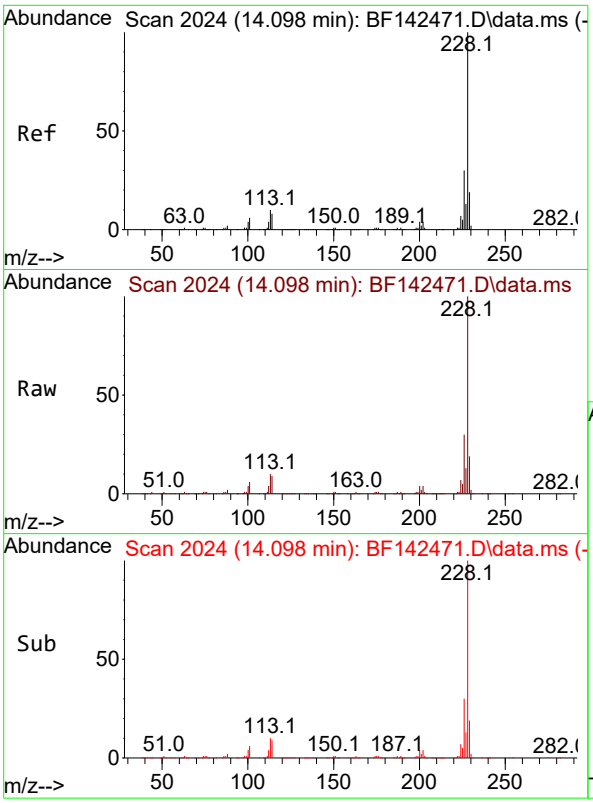


#82
3,3'-Dichlorobenzidine
Concen: 40.148 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 137438

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	11.1	8.9	13.3



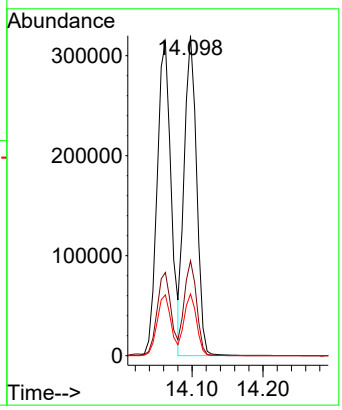


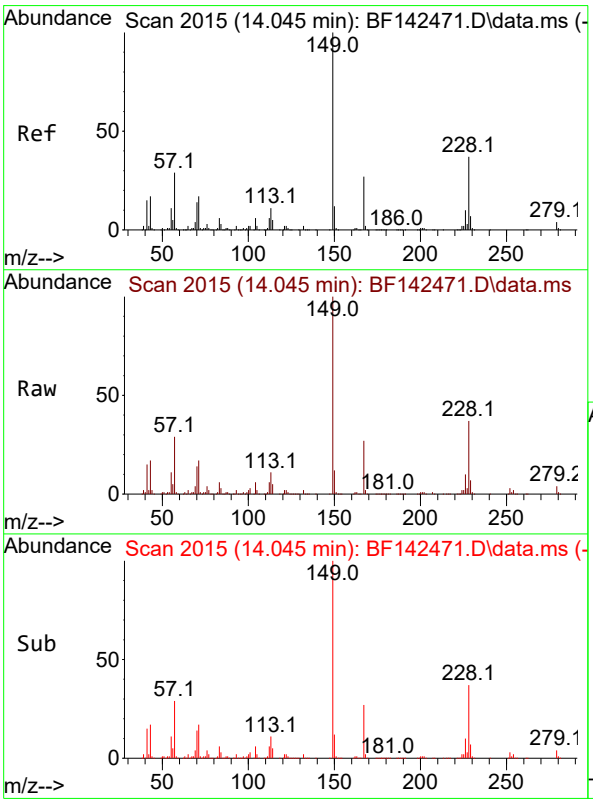
#83
Chrysene
Concen: 38.168 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 387081

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.3	15.4	23.2

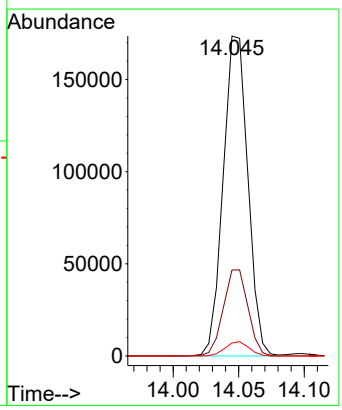


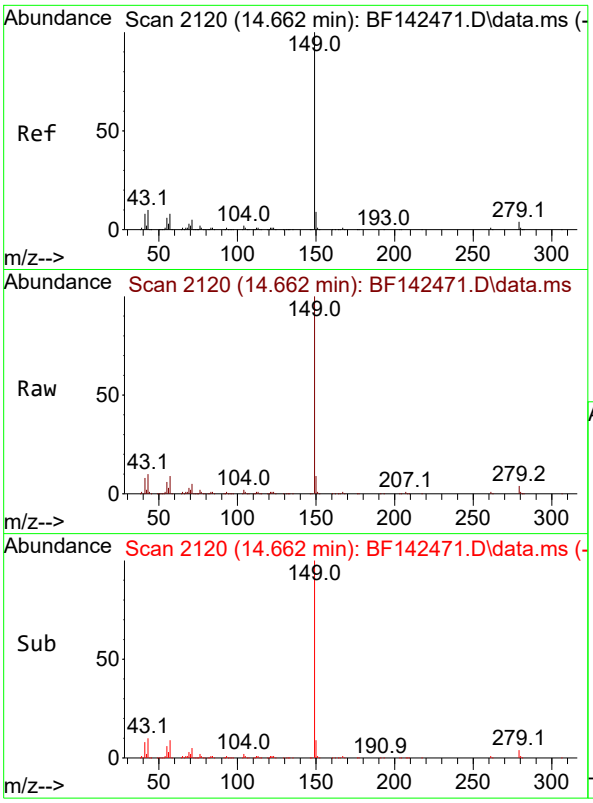


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.800 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 227555

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	4.0	3.2	4.8



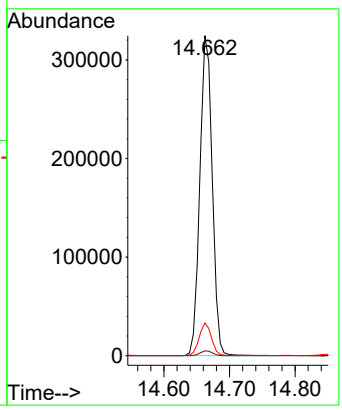


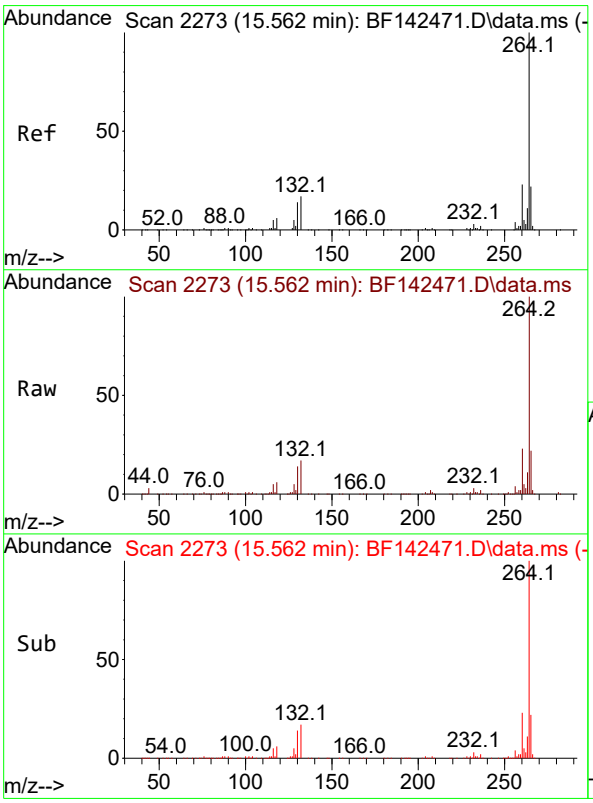
#85
Di-n-octyl phthalate
Concen: 39.246 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 427995

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9

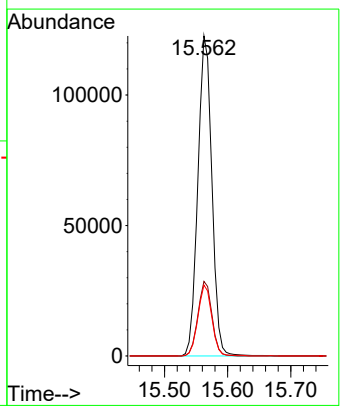


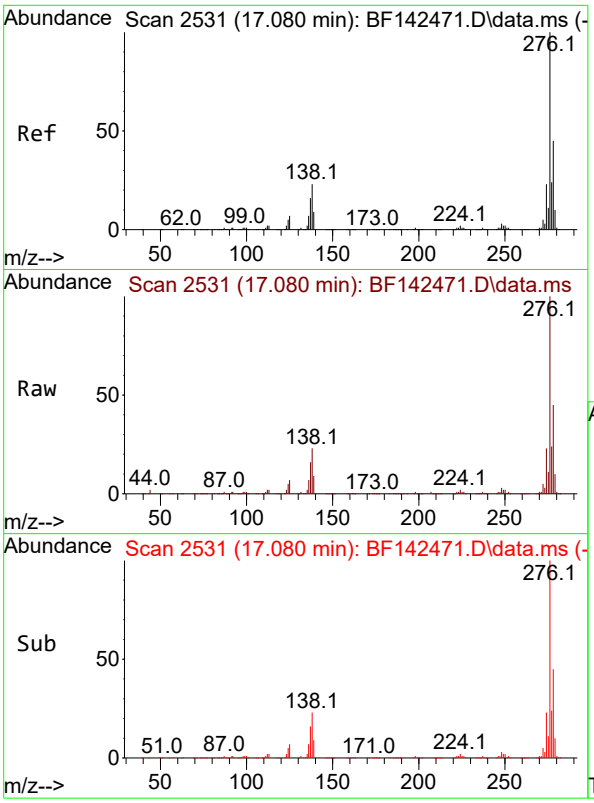


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:264 Resp: 189289

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5



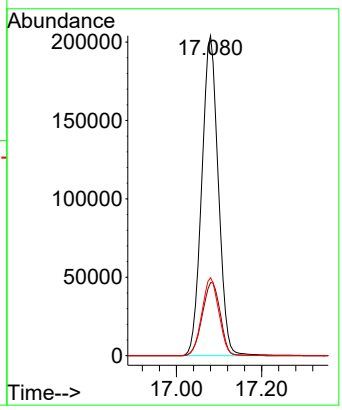


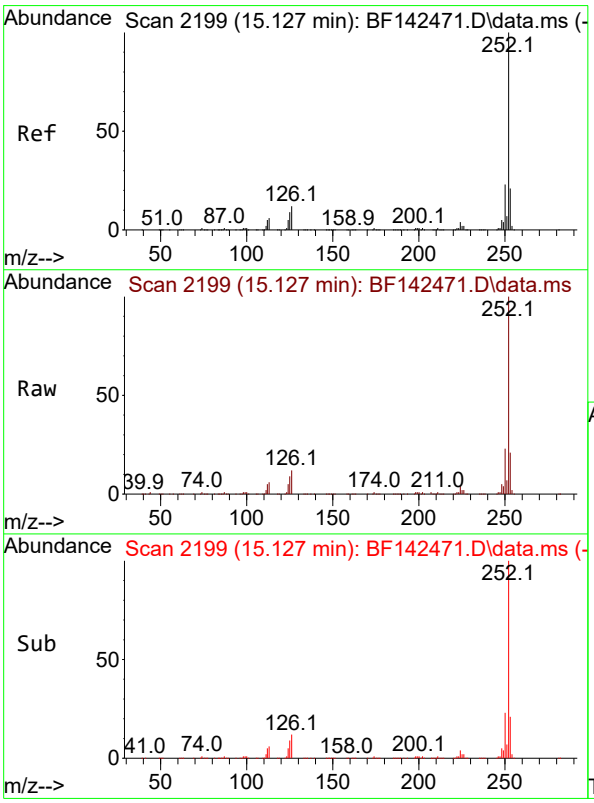
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.584 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 548309

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.2	20.2	30.2

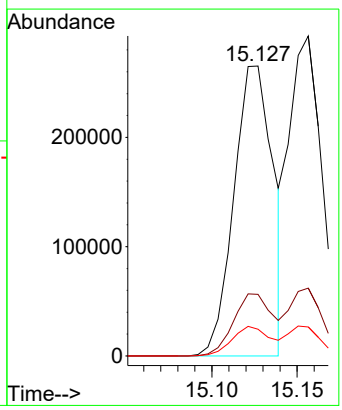


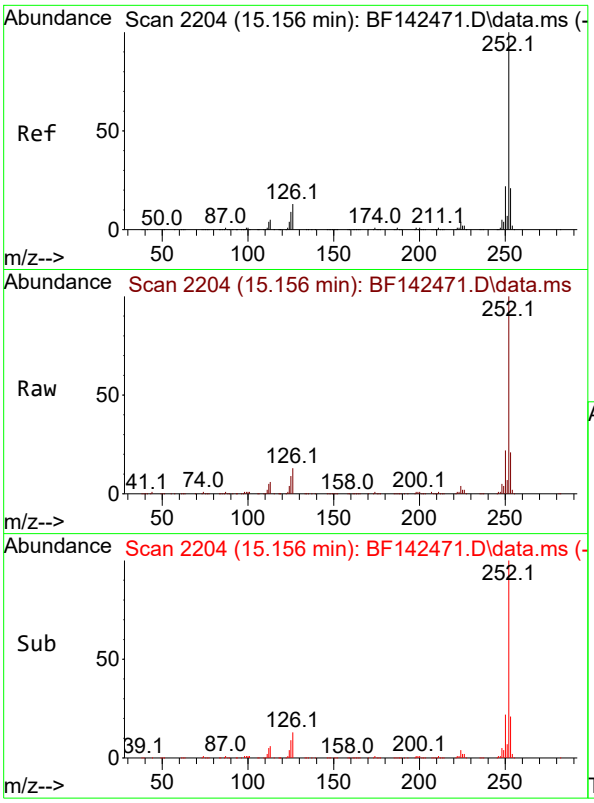


#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 426174

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.2	7.4	11.0



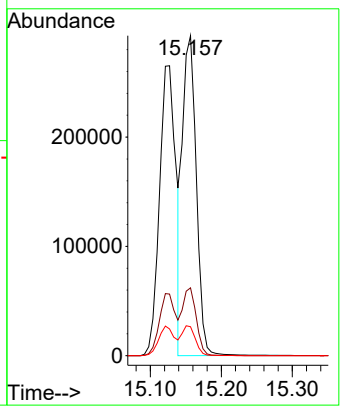


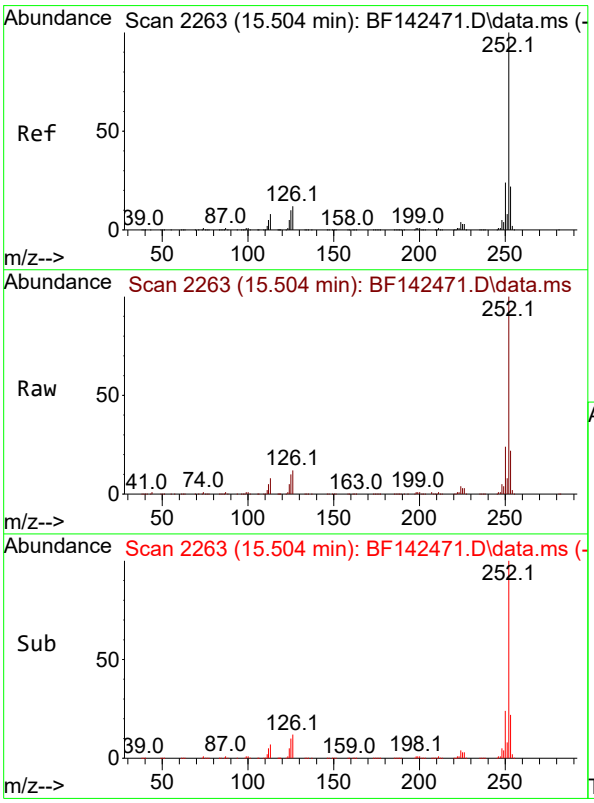
#89
Benzo(k)fluoranthene
Concen: 37.603 ng
RT: 15.156 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 394567

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.1	7.3	10.9

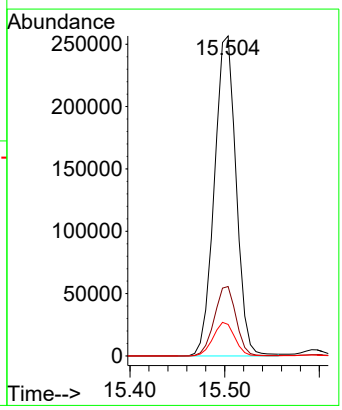


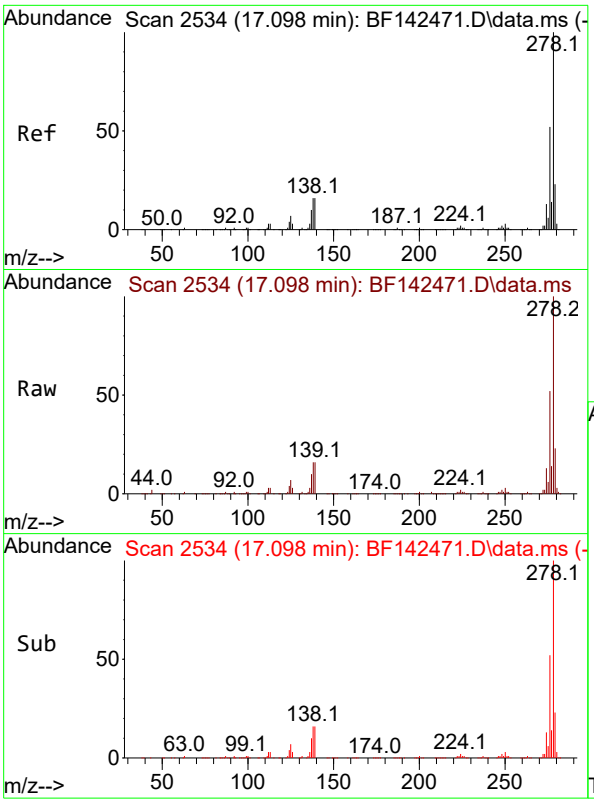


#90
Benzo(a)pyrene
Concen: 38.761 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 409312

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.9	7.9	11.9



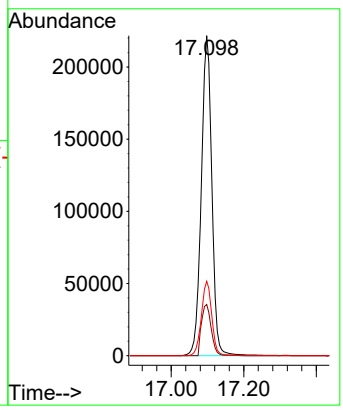


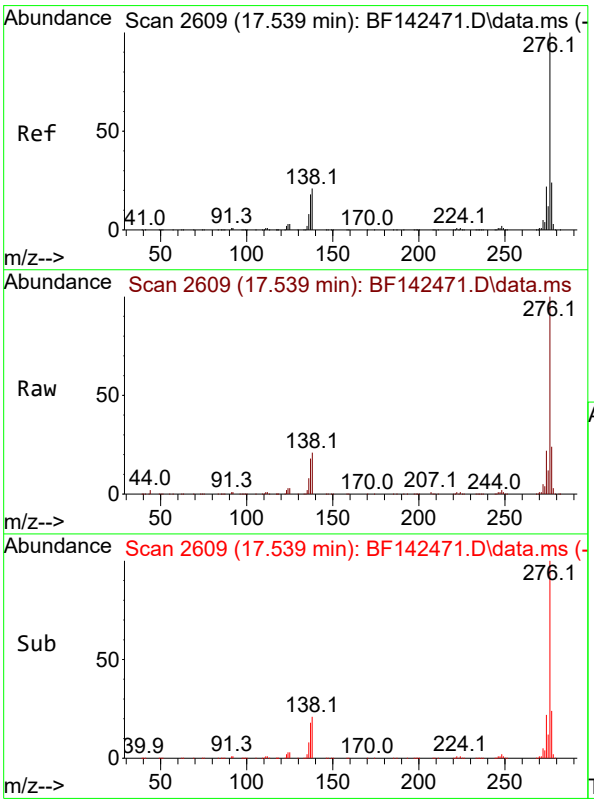
#91
Dibenzo(a,h)anthracene
Concen: 38.903 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 448372

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.3	18.6	28.0

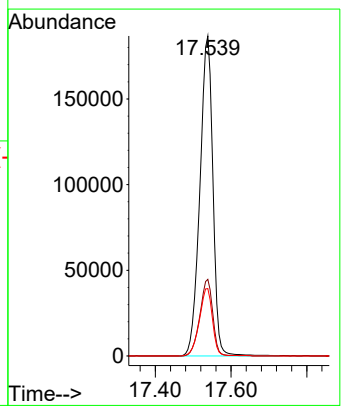




#92
Benzo(g,h,i)perylene
Concen: 38.747 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:276 Resp: 446674

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.0	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86396	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	336796	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	181409	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301685	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149689	20.000	ng	0.00
86) Perylene-d12	15.562	264	171586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	526965	102.760	ng	0.00
7) Phenol-d6	6.528	99	633841	102.679	ng	0.00
23) Nitrobenzene-d5	7.469	82	643186	104.135	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	211319	104.956	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1342037	99.269	ng	0.00
79) Terphenyl-d14	13.016	244	1116751	101.951	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	107972	52.616	ng	99
3) Pyridine	3.434	79	275005	52.626	ng	99
4) n-Nitrosodimethylamine	3.393	42	145296	53.550	ng	99
6) Aniline	6.563	93	430377	51.852	ng	99
8) 2-Chlorophenol	6.687	128	288948	51.731	ng	99
9) Benzaldehyde	6.451	77	188241	50.700	ng	98
10) Phenol	6.540	94	357896	51.526	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	261046	52.210	ng	100
12) 1,3-Dichlorobenzene	6.845	146	320095	51.357	ng	99
13) 1,4-Dichlorobenzene	6.922	146	322871	51.427	ng	99
14) 1,2-Dichlorobenzene	7.075	146	309332	51.491	ng	100
15) Benzyl Alcohol	7.040	79	244326	53.559	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	434451	51.741	ng	100
17) 2-Methylphenol	7.151	107	227385	52.141	ng	99
18) Hexachloroethane	7.416	117	114346	52.159	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	197020	51.498	ng	99
20) 3+4-Methylphenols	7.304	107	288829	51.719	ng	91
22) Acetophenone	7.310	105	380175	50.992	ng	97
24) Nitrobenzene	7.487	77	288748	51.834	ng	99
25) Isophorone	7.728	82	536829	51.985	ng	99
26) 2-Nitrophenol	7.798	139	159779	53.679	ng	99
27) 2,4-Dimethylphenol	7.834	122	273604	52.123	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	329256	51.041	ng	100
29) 2,4-Dichlorophenol	8.039	162	252244	52.840	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	269064	51.934	ng	97
31) Naphthalene	8.210	128	847571	51.109	ng	100
32) Benzoic acid	7.951	122	177379	55.512	ng	98
33) 4-Chloroaniline	8.257	127	349678	52.037	ng	99
34) Hexachlorobutadiene	8.328	225	166363	51.428	ng	98
35) Caprolactam	8.628	113	71458	53.297	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	253726	51.862	ng	99
37) 2-Methylnaphthalene	8.898	142	531122	50.907	ng	100
38) 1-Methylnaphthalene	8.998	142	547258	50.711	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	268407	51.543	ng	99
41) Hexachlorocyclopentadiene	9.051	237	195080	55.532	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	184076	52.421	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

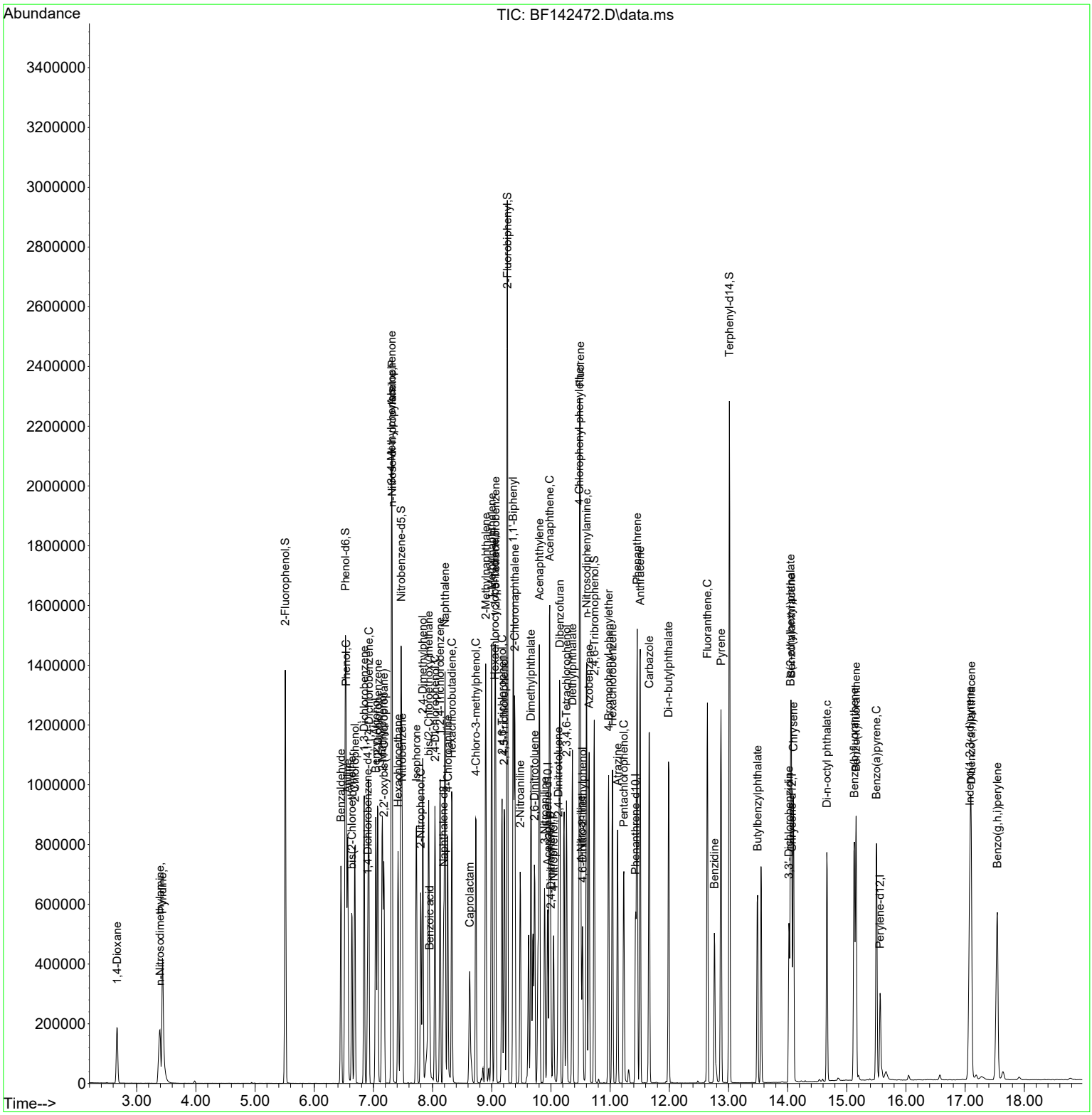
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198266	53.537	ng	99
46) 1,1'-Biphenyl	9.363	154	723473	51.405	ng	100
47) 2-Chloronaphthalene	9.386	162	536379	51.583	ng	100
48) 2-Nitroaniline	9.481	65	160529	53.410	ng	99
49) Acenaphthylene	9.804	152	906063	51.602	ng	100
50) Dimethylphthalate	9.663	163	619616	51.764	ng	100
51) 2,6-Dinitrotoluene	9.722	165	137090	53.064	ng	98
52) Acenaphthene	9.980	154	554762	51.742	ng	99
53) 3-Nitroaniline	9.892	138	149786	53.082	ng	99
54) 2,4-Dinitrophenol	9.998	184	76730	57.487	ng	95
55) Dibenzofuran	10.151	168	787446	51.038	ng	100
56) 4-Nitrophenol	10.045	139	114198	54.849	ng	99
57) 2,4-Dinitrotoluene	10.128	165	180417	53.473	ng	100
58) Fluorene	10.492	166	608966	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163539	52.897	ng	98
60) Diethylphthalate	10.363	149	608941	52.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	296264	50.597	ng	99
62) 4-Nitroaniline	10.510	138	133141	52.024	ng	98
63) Azobenzene	10.645	77	542894	51.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	97203	57.734	ng	98
66) n-Nitrosodiphenylamine	10.604	169	525974	50.960	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	185711	52.061	ng	99
68) Hexachlorobenzene	11.039	284	205759	52.151	ng	100
69) Atrazine	11.127	200	147922	53.966	ng	99
70) Pentachlorophenol	11.233	266	122184	54.852	ng	99
71) Phenanthrene	11.457	178	818043	50.739	ng	100
72) Anthracene	11.510	178	837242	50.882	ng	99
73) Carbazole	11.663	167	716381	50.927	ng	100
74) Di-n-butylphthalate	11.986	149	798451	51.856	ng	100
75) Fluoranthene	12.645	202	752083	49.923	ng	100
77) Benzidine	12.763	184	301122	54.058	ng	99
78) Pyrene	12.874	202	733277	52.513	ng	100
80) Butylbenzylphthalate	13.492	149	215174	55.767	ng	97
81) Benzo(a)anthracene	14.063	228	520525	52.076	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	166223	54.828	ng	99
83) Chrysene	14.098	228	469491	52.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	286151	57.932	ng	100
85) Di-n-octyl phthalate	14.663	149	535844	55.482	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	679247	52.730	ng	99
88) Benzo(b)fluoranthene	15.127	252	518544	51.062	ng	99
89) Benzo(k)fluoranthene	15.157	252	505348	53.130	ng	99
90) Benzo(a)pyrene	15.504	252	508303	53.101	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	553351	52.964	ng	100
92) Benzo(g,h,i)perylene	17.545	276	557271	53.328	ng	99

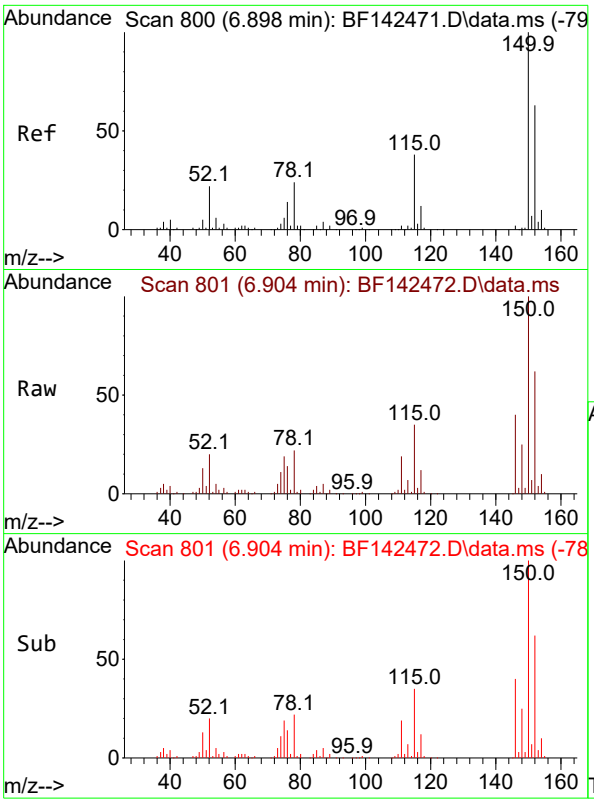
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



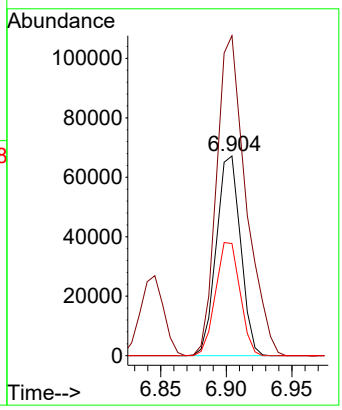


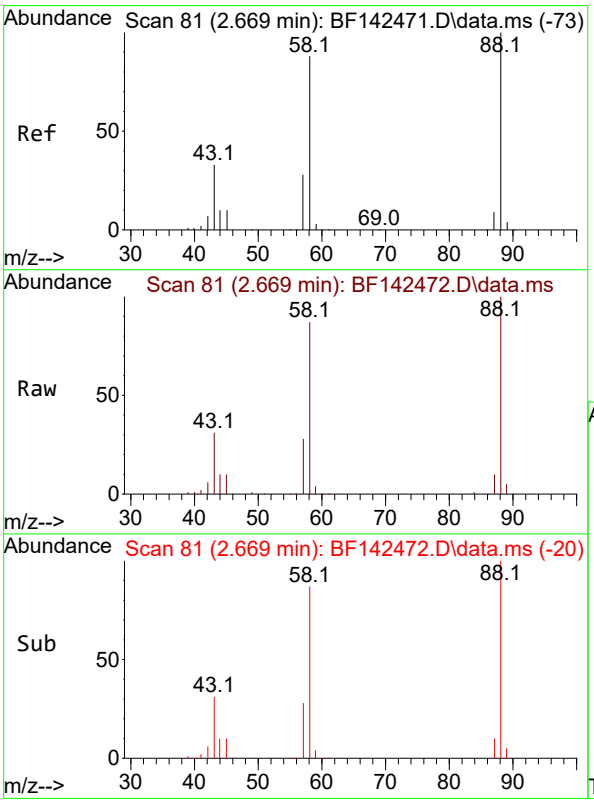
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 86396

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	56.1	48.3	72.5

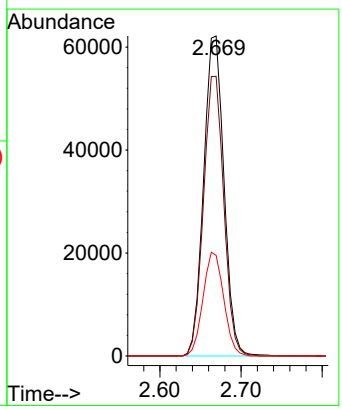


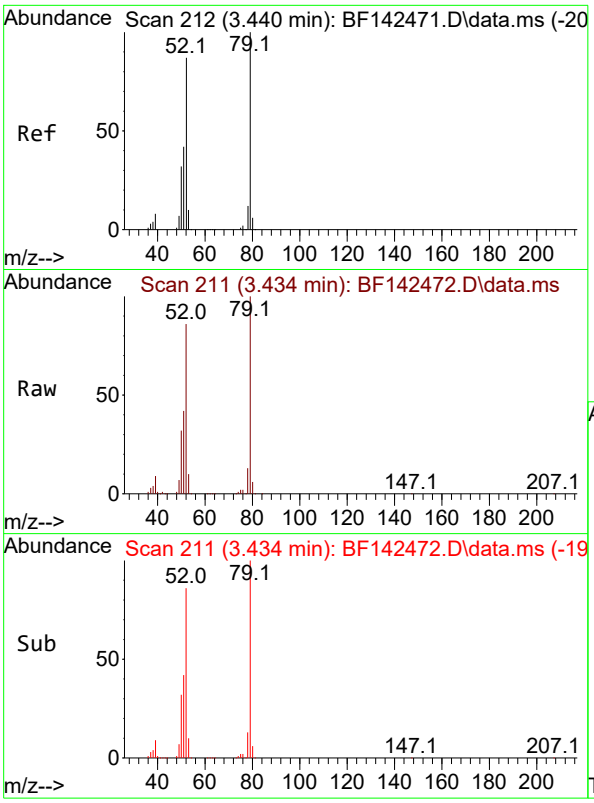


#2
1,4-Dioxane
Concen: 52.616 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 88 Resp: 107972

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	33.0	26.6	40.0



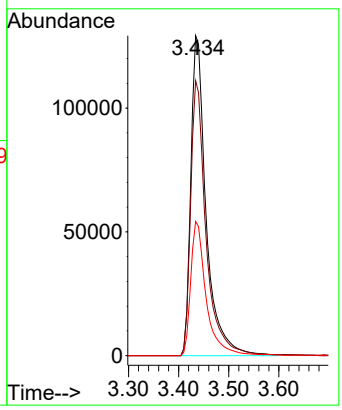


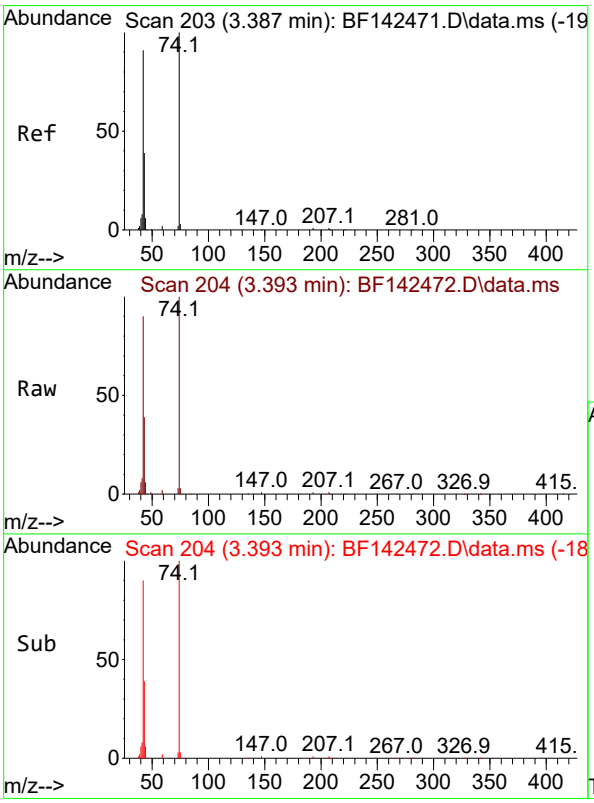
#3
Pyridine
Concen: 52.626 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 275005

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.2	103.8
51	41.9	33.3	49.9

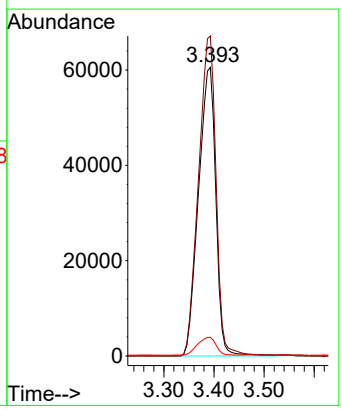


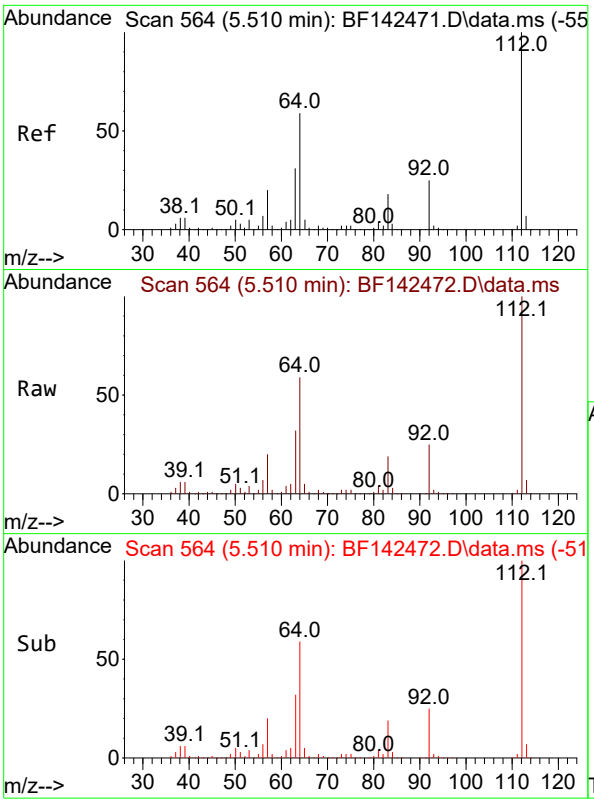


#4
n-Nitrosodimethylamine
Concen: 53.550 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 42 Resp: 145296

Ion	Ratio	Lower	Upper
42	100		
74	110.9	88.2	132.4
44	6.4	5.4	8.2



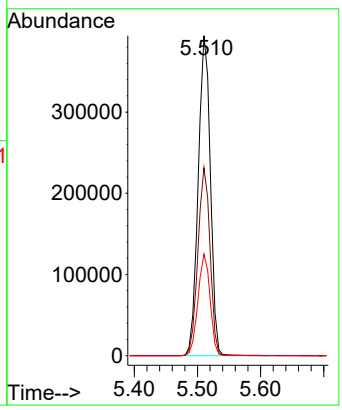


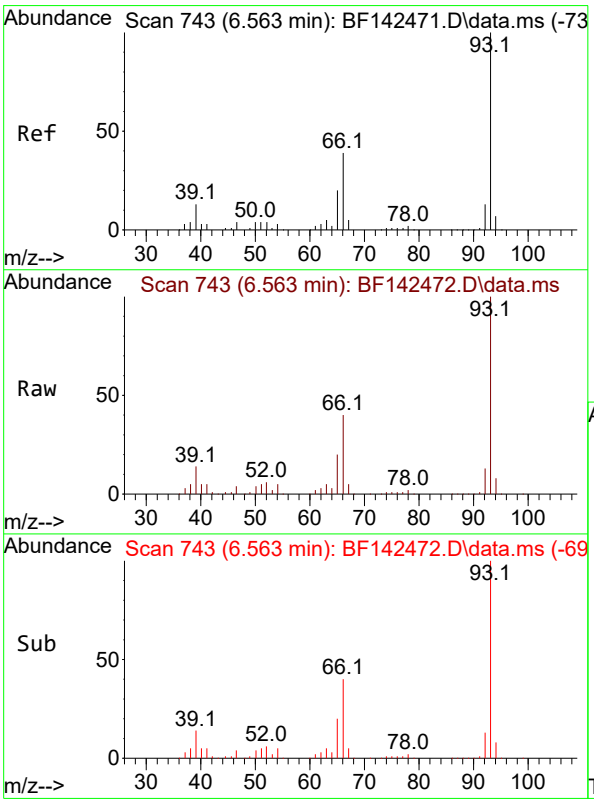
#5
2-Fluorophenol
Concen: 102.760 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 526965

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.5	71.3
63	31.8	24.9	37.3

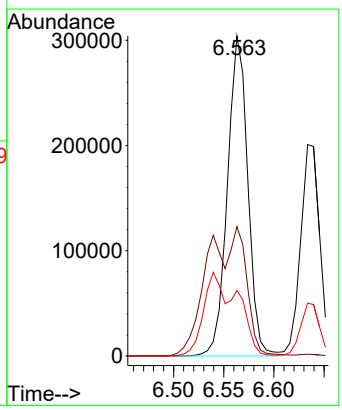


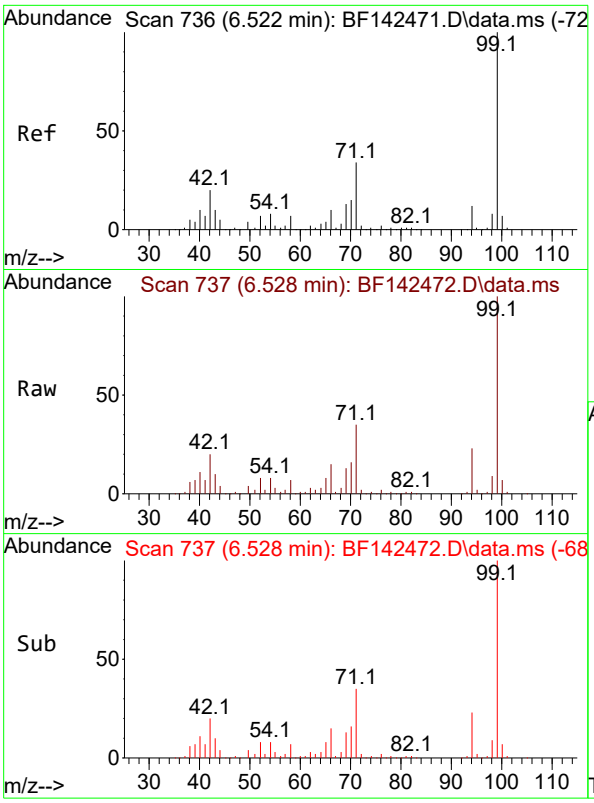


#6
Aniline
Concen: 51.852 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 93 Resp: 430377

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.0	48.0
65	20.4	16.1	24.1



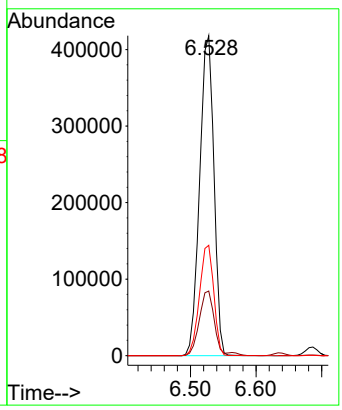


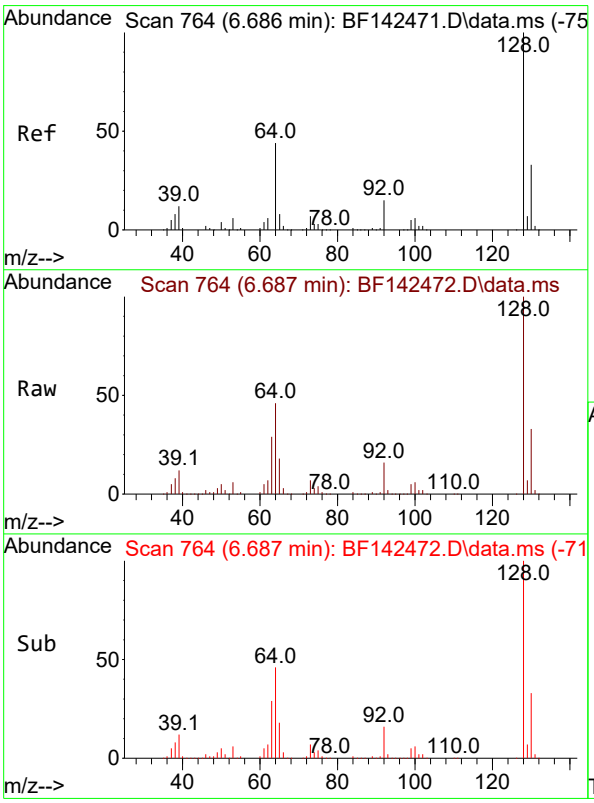
#7
Phenol-d6
Concen: 102.679 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 633841

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.5	27.3	40.9

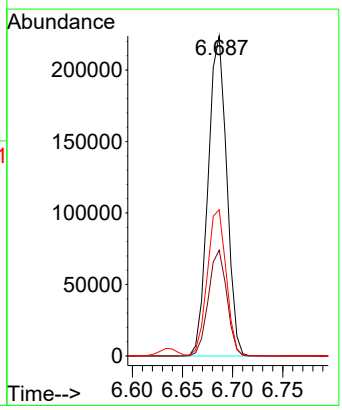


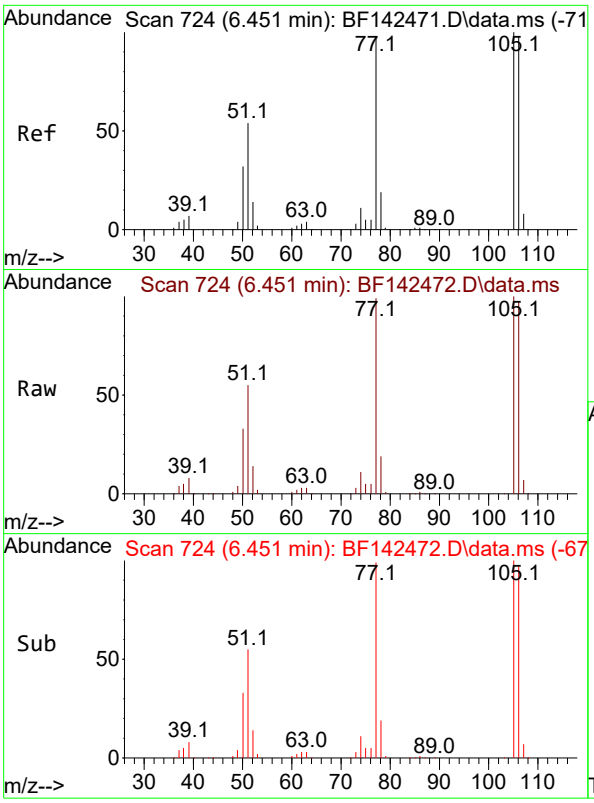


#8
2-Chlorophenol
Concen: 51.731 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:128 Resp: 288948

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	45.7	25.1	65.1



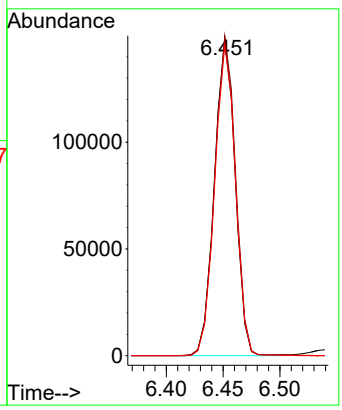


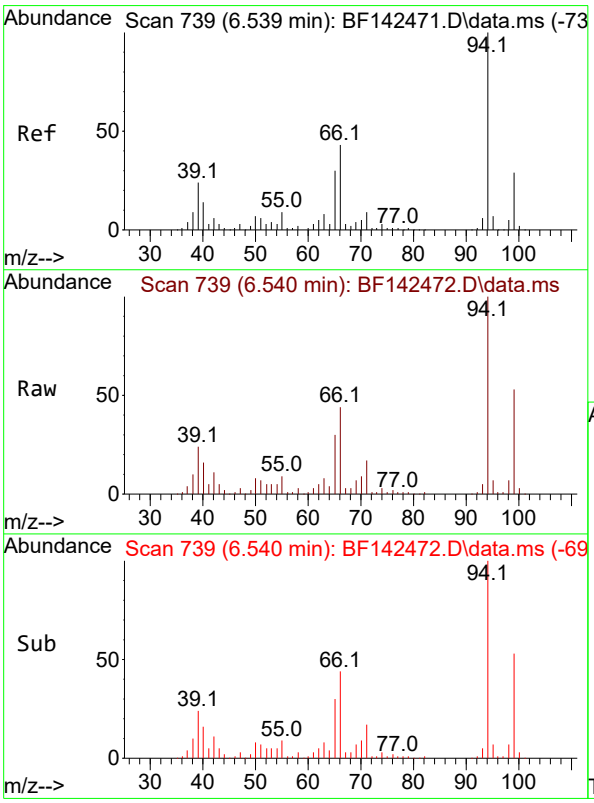
#9
Benzaldehyde
Concen: 50.700 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 188241

Ion	Ratio	Lower	Upper
77	100		
105	100.9	82.5	122.5
106	98.0	80.0	120.0

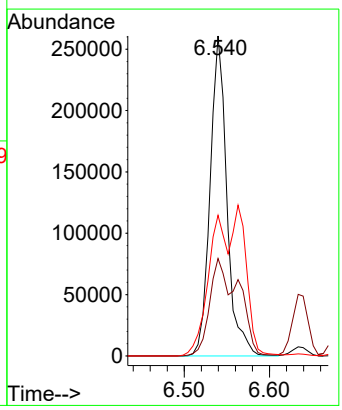


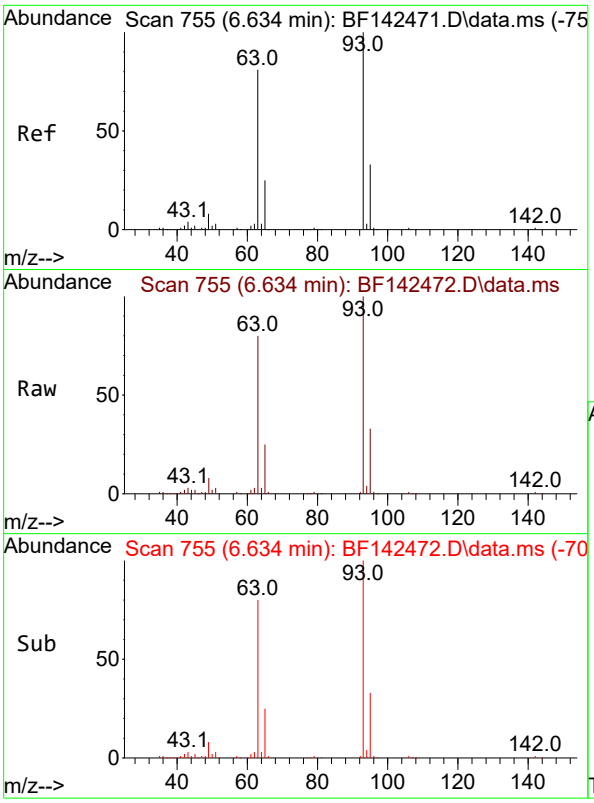


#10
Phenol
Concen: 51.526 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 94 Resp: 357896

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.3	50.3
66	44.0	22.6	62.6



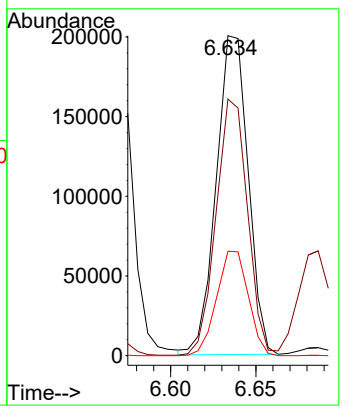


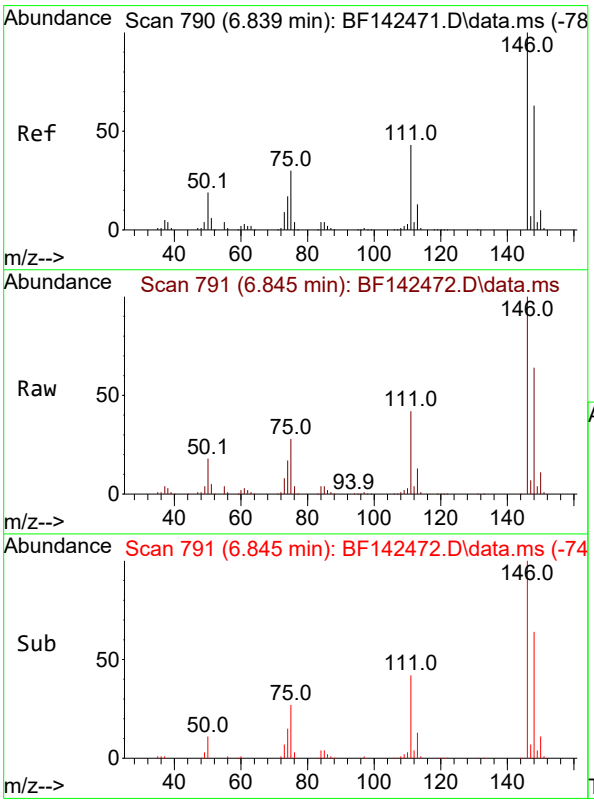
#11
bis(2-Chloroethyl)ether
Concen: 52.210 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 261046

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	32.7	12.3	52.3

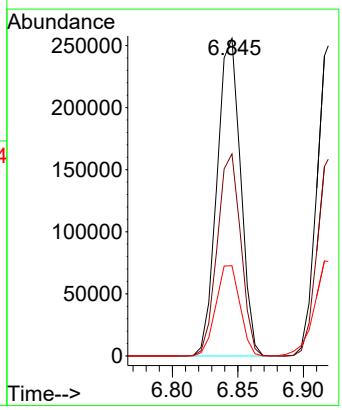


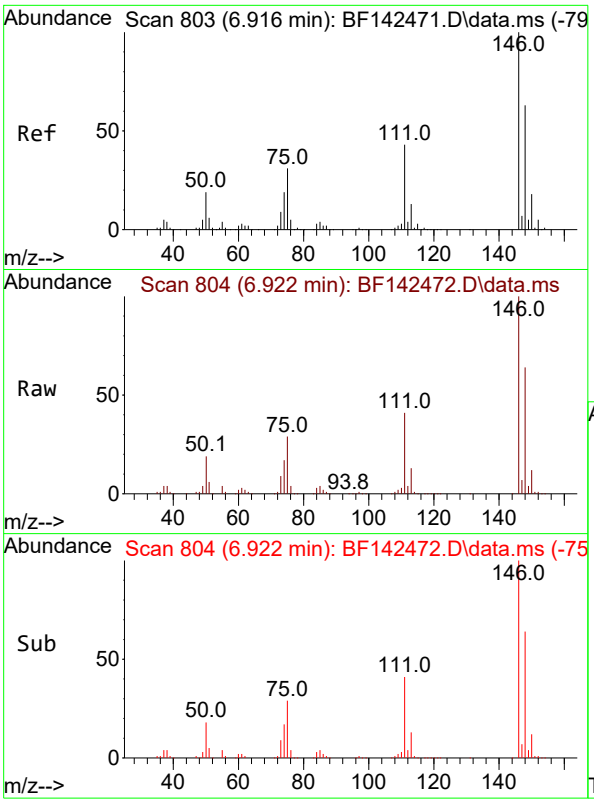


#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:146 Resp: 320095

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	28.4	23.8	35.6



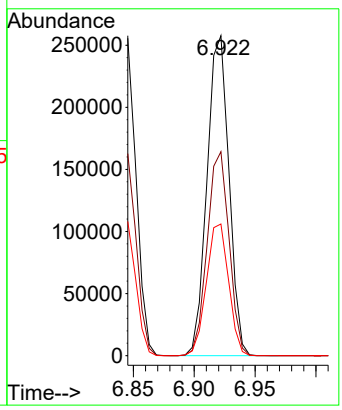


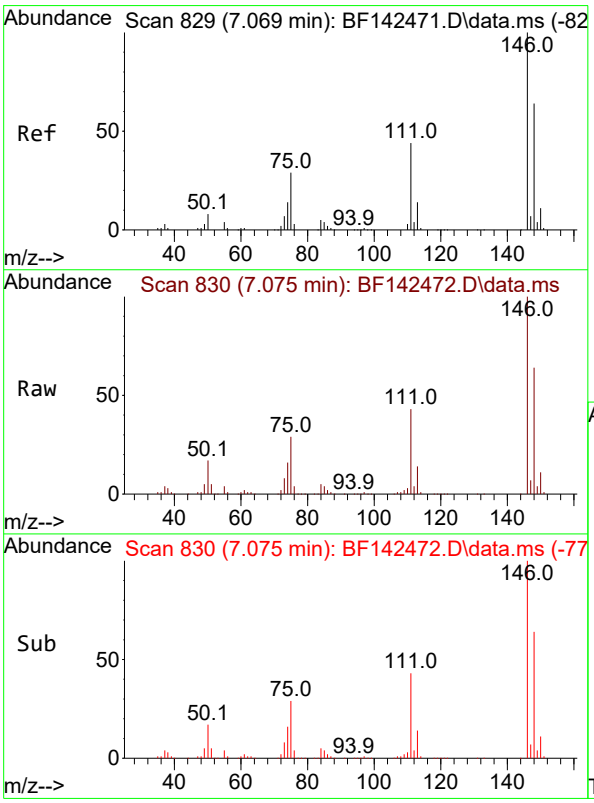
#13
1,4-Dichlorobenzene
Concen: 51.427 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 322871

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	41.1	34.1	51.1

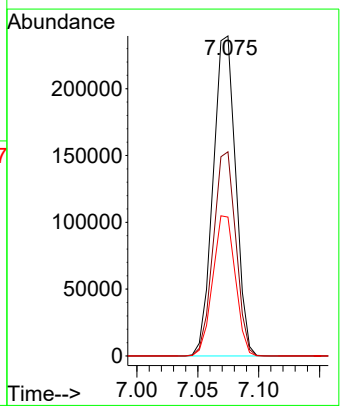


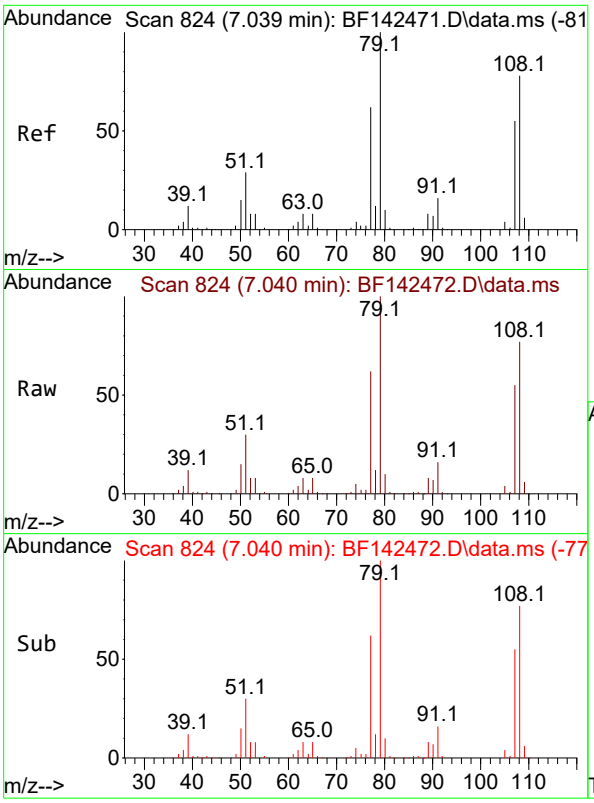


#14
1,2-Dichlorobenzene
Concen: 51.491 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:146 Resp: 309332

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	43.4	35.0	52.6



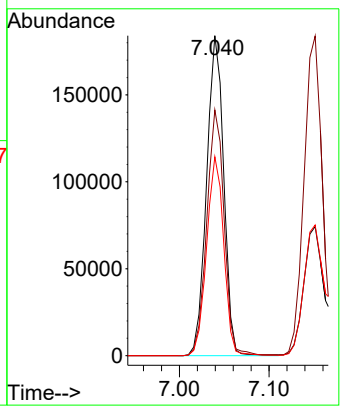


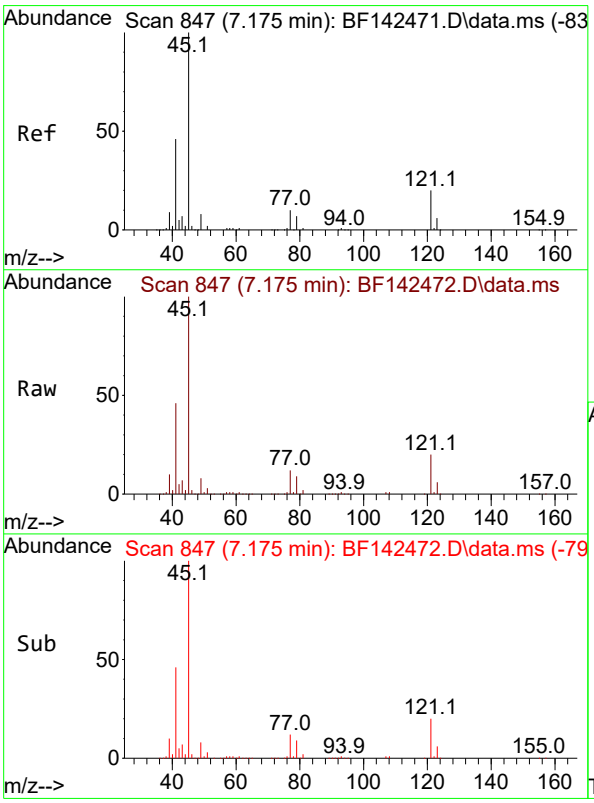
#15
Benzyl Alcohol
Concen: 53.559 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 244326

Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.1	93.1
77	62.1	49.5	74.3

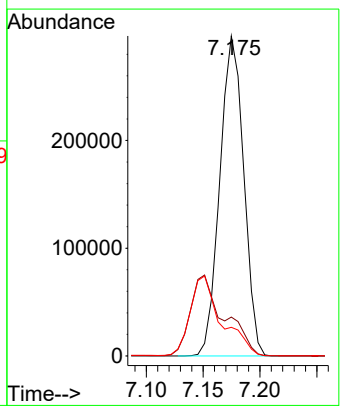


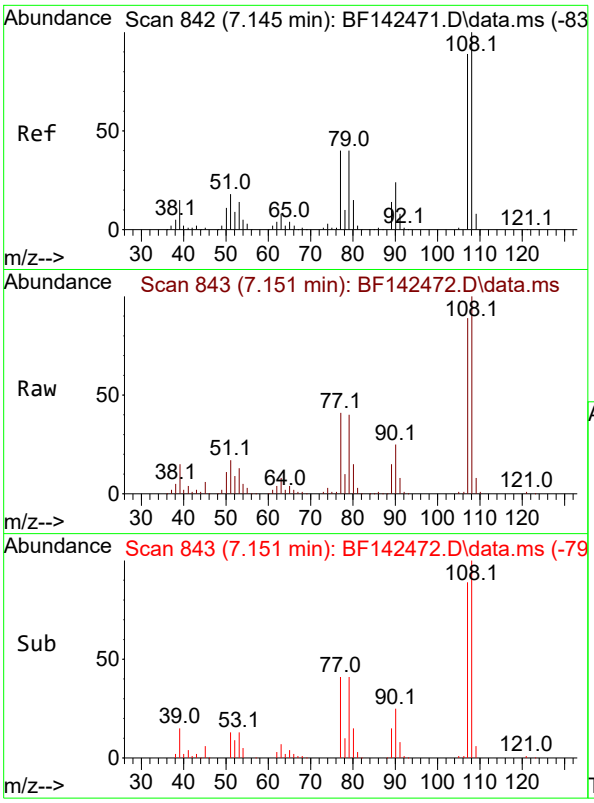


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.741 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 45 Resp: 434451

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.0	0.0	29.2



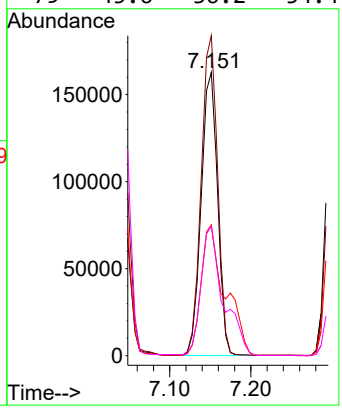


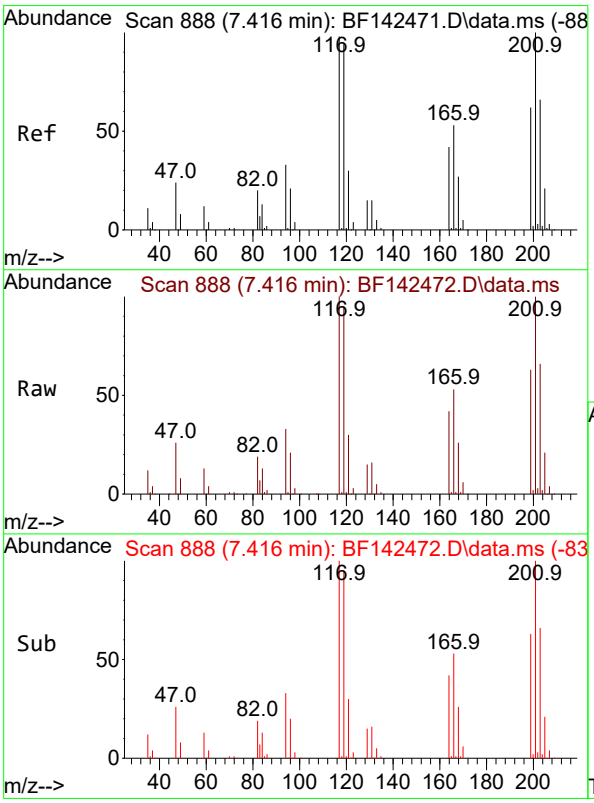
#17
2-Methylphenol
Concen: 52.141 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 227385

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.2	135.2
77	46.2	36.1	54.1
79	45.6	36.2	54.4

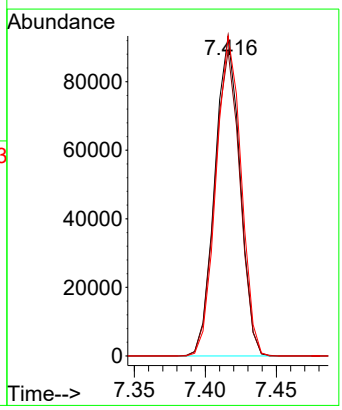


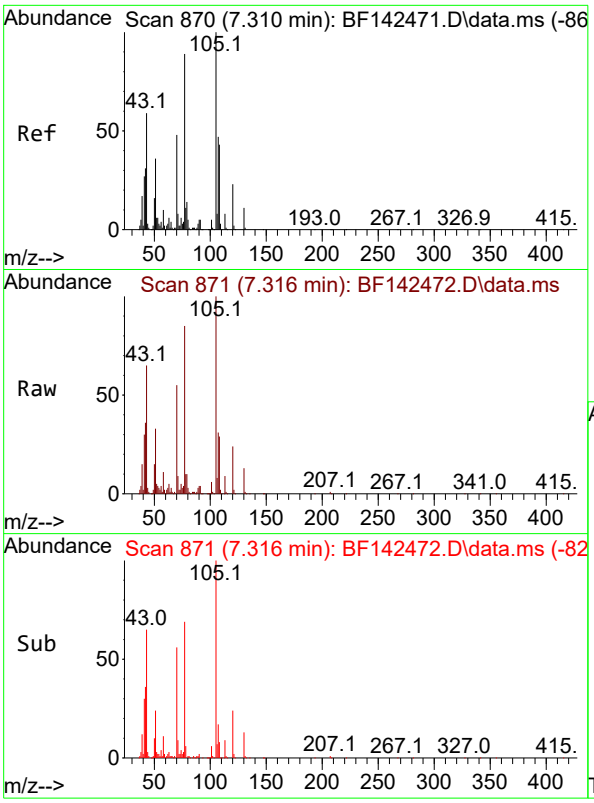


#18
Hexachloroethane
Concen: 52.159 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:117 Resp: 114346

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
201	100.0	81.3	121.9



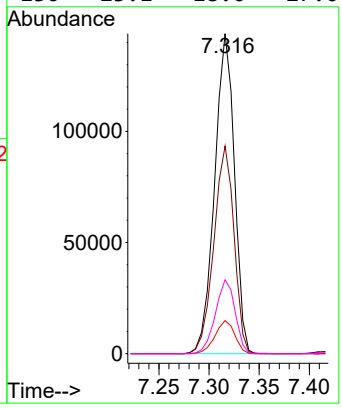


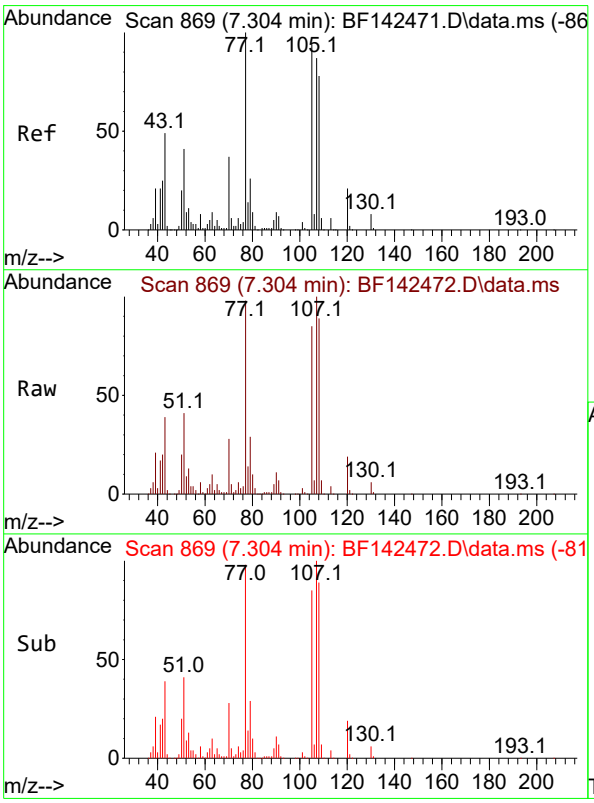
#19
n-Nitroso-di-n-propylamine
Concen: 51.498 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 197020

Ion	Ratio	Lower	Upper
70	100		
42	64.9	52.4	78.6
101	10.4	7.8	11.8
130	23.1	18.0	27.0

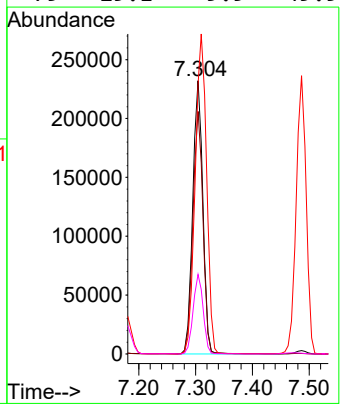


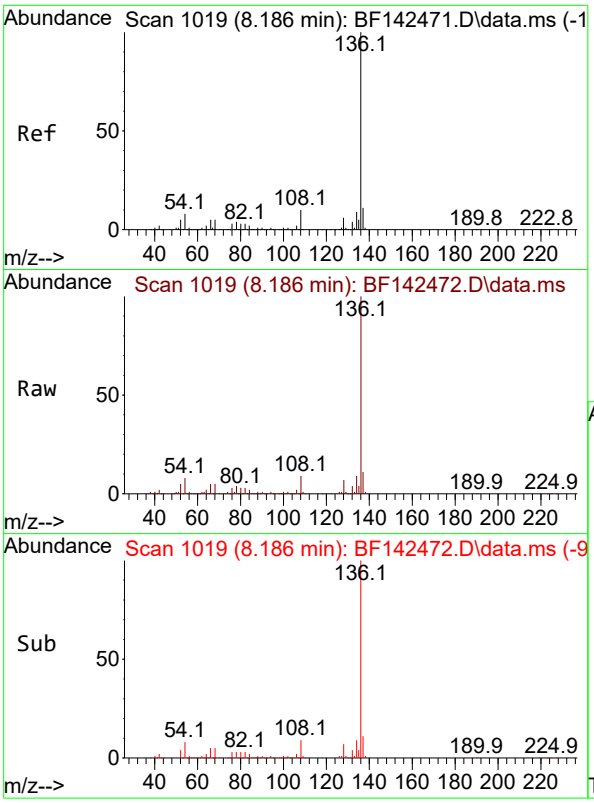


#20
3+4-Methylphenols
Concen: 51.719 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:107 Resp: 288829

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.4	110.4
77	98.4	95.4	135.4
79	29.1	9.9	49.9



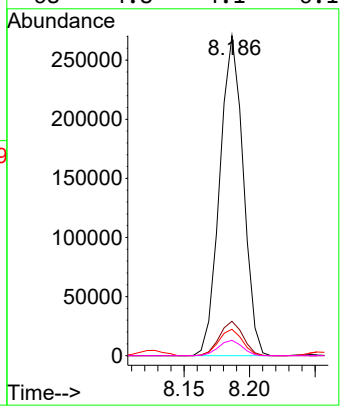


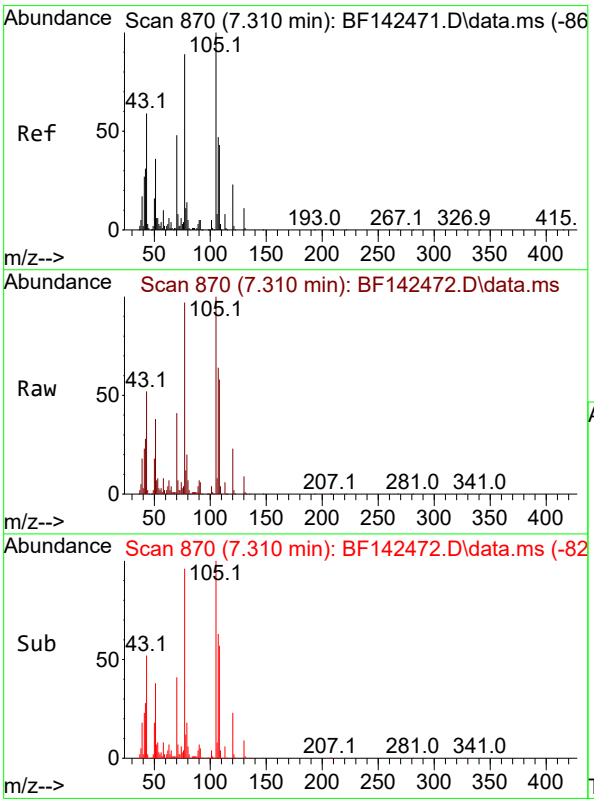
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 336796

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.6	10.0
68	4.8	4.1	6.1

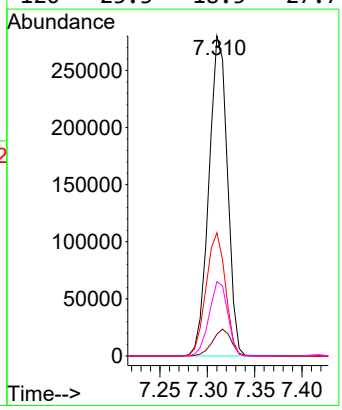


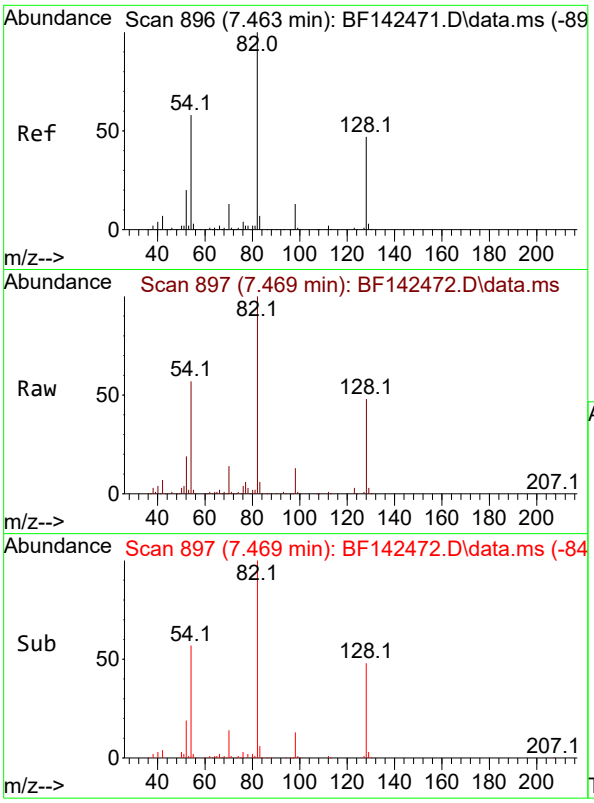


#22
Acetophenone
Concen: 50.992 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:105 Resp: 380175

Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.4	9.6
51	38.5	28.6	42.8
120	23.3	18.5	27.7



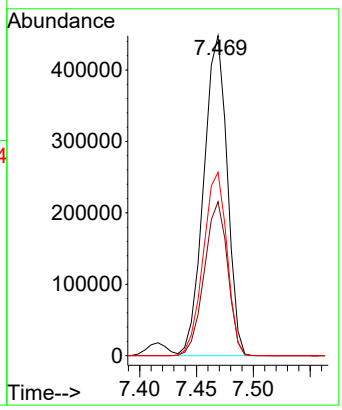


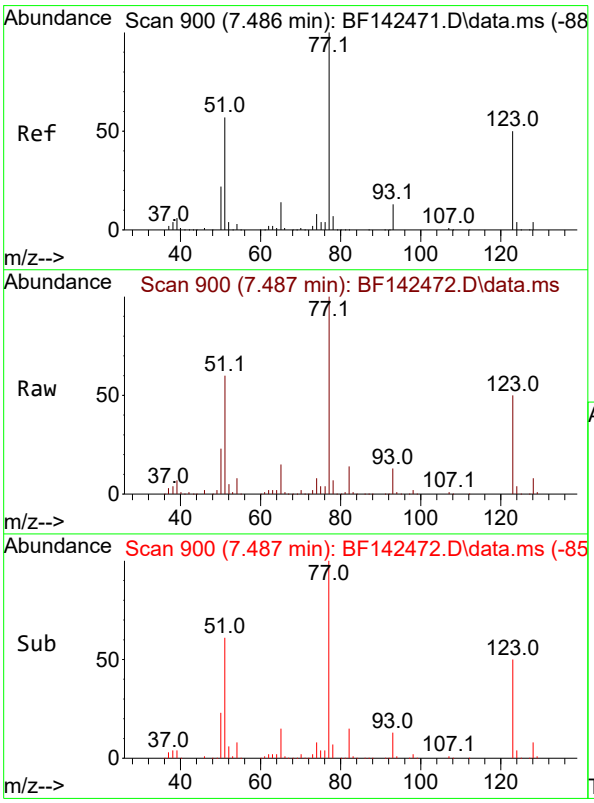
#23
Nitrobenzene-d5
Concen: 104.135 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 643186

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.2
54	57.3	46.6	70.0

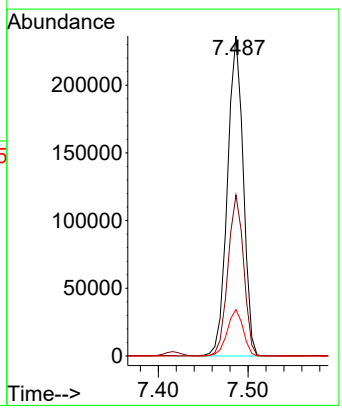


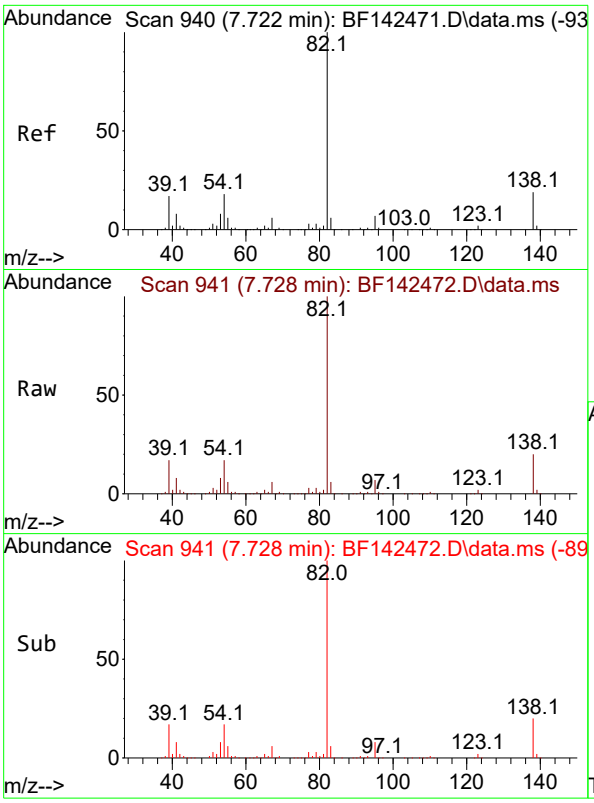


#24
Nitrobenzene
Concen: 51.834 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 77 Resp: 288748

Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.6	61.0
65	14.5	11.4	17.2



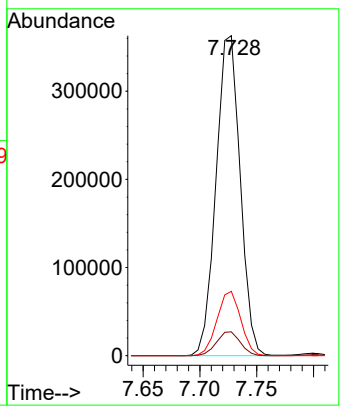


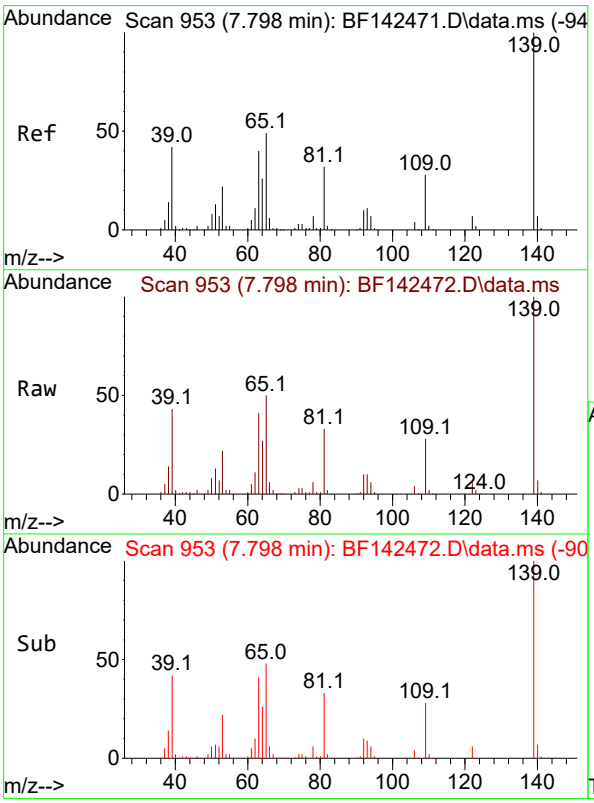
#25
Isophorone
Concen: 51.985 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 536829

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	20.1	15.5	23.3

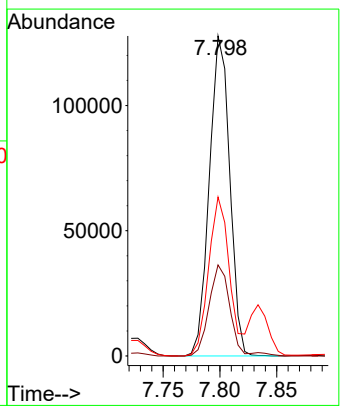


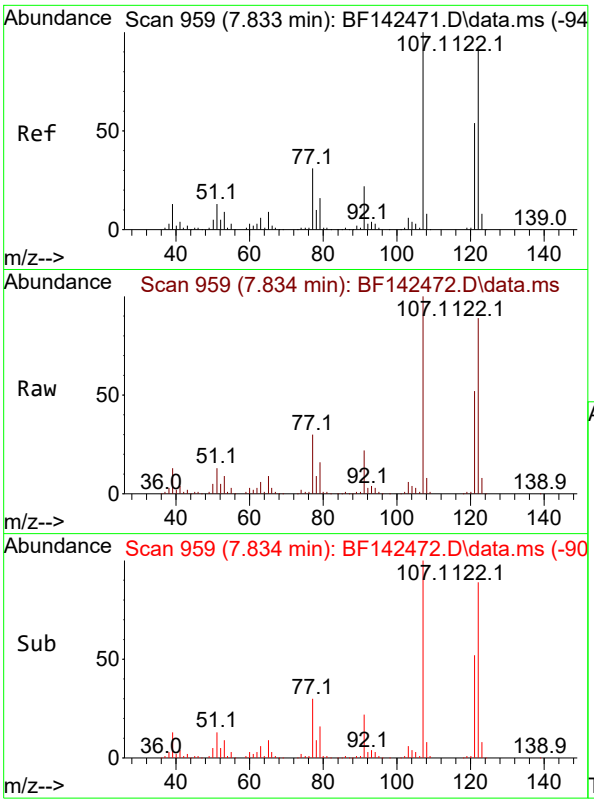


#26
2-Nitrophenol
Concen: 53.679 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:139 Resp: 159779

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.6	33.8
65	49.6	39.4	59.0



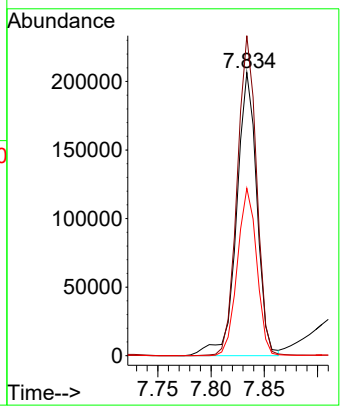


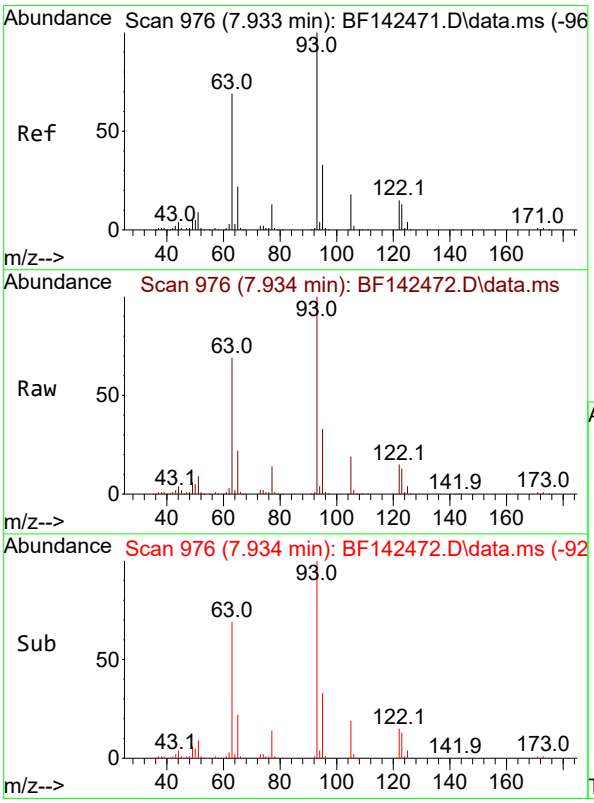
#27
2,4-Dimethylphenol
Concen: 52.123 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 273604

Ion	Ratio	Lower	Upper
122	100		
107	113.0	88.1	132.1
121	59.1	47.3	70.9

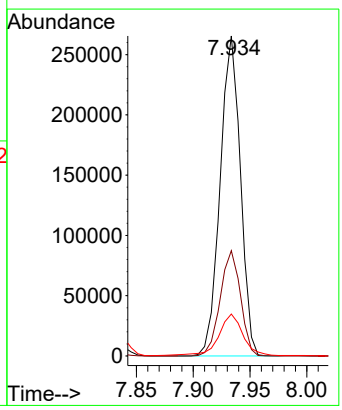


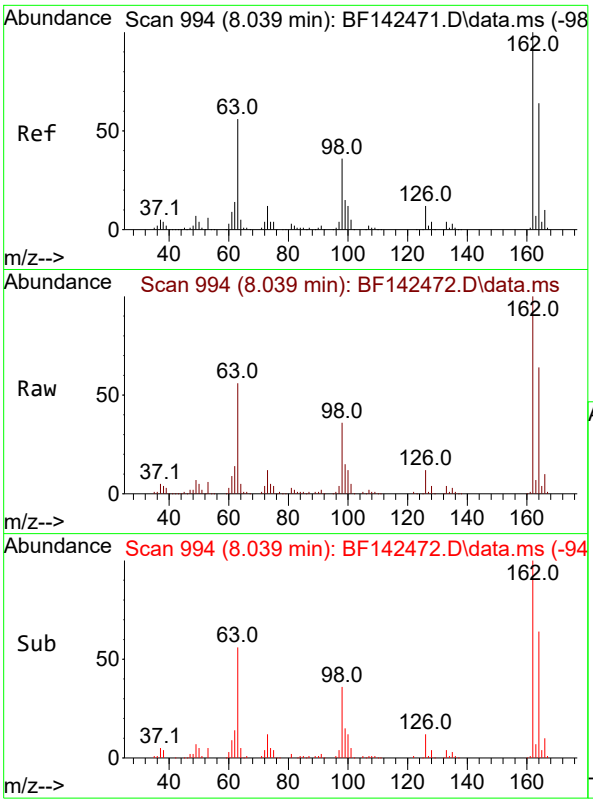


#28
bis(2-Chloroethoxy)methane
Concen: 51.041 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 93 Resp: 329256

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	13.1	10.6	15.8



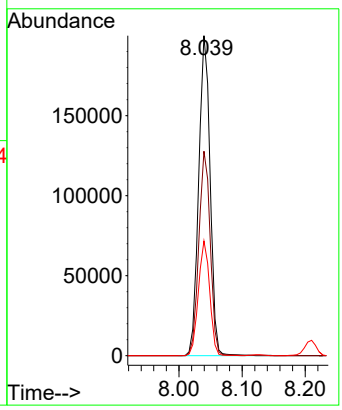


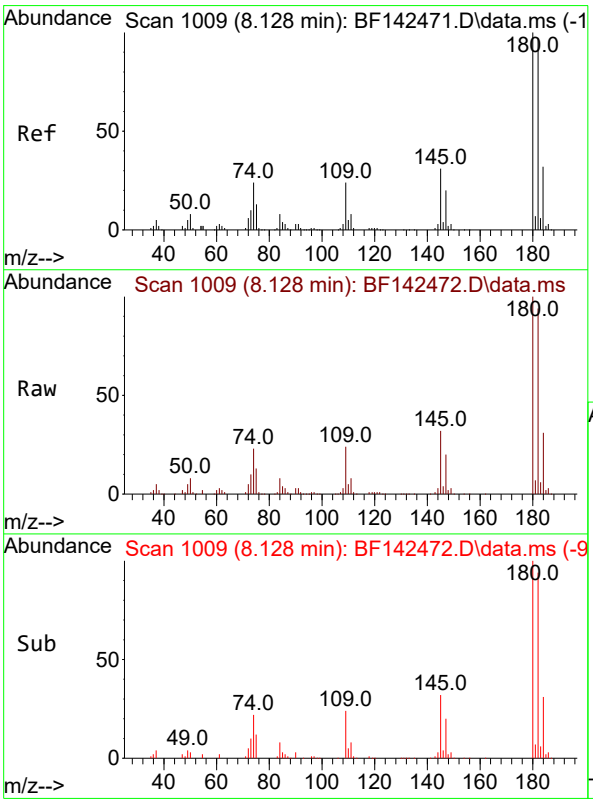
#29
2,4-Dichlorophenol
Concen: 52.840 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 252244

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	35.9	15.5	55.5

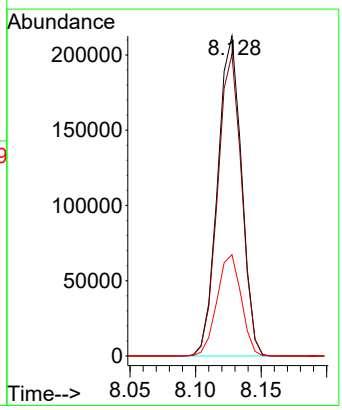


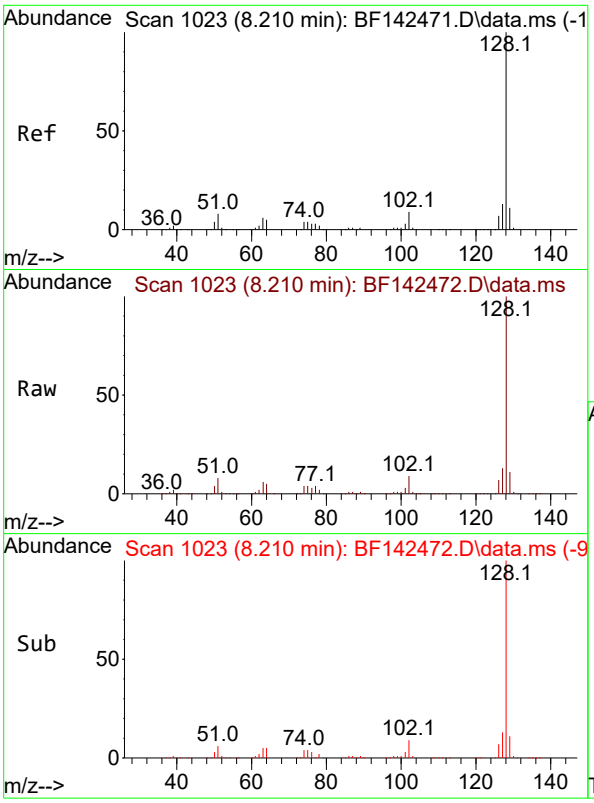


#30
1,2,4-Trichlorobenzene
Concen: 51.934 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:180 Resp: 269064

Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	31.7	25.0	37.6



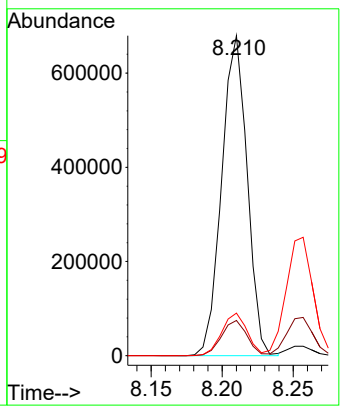


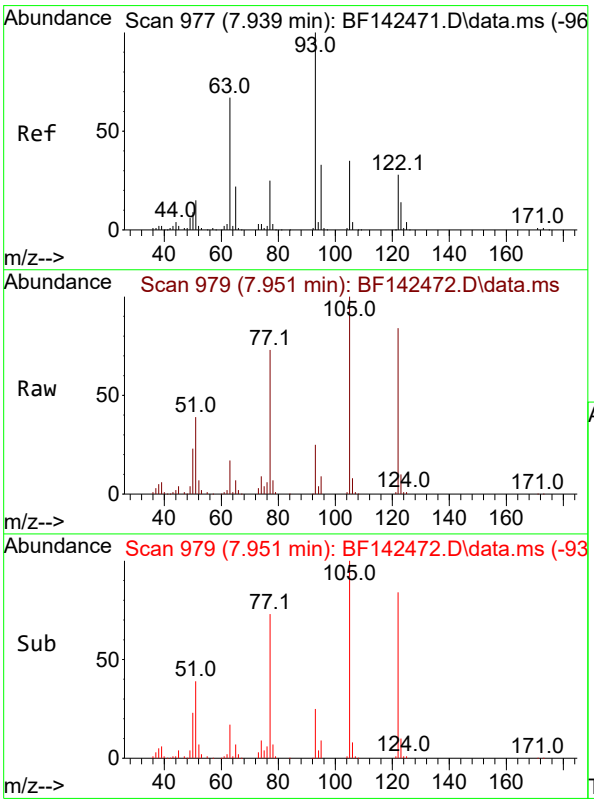
#31
Naphthalene
Concen: 51.109 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 847571

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.3	10.5	15.7

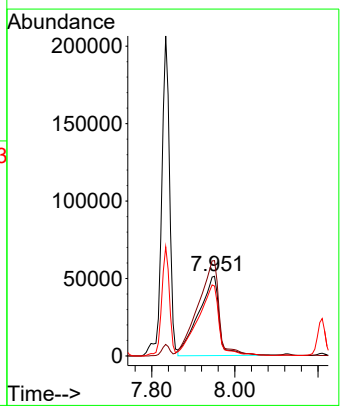


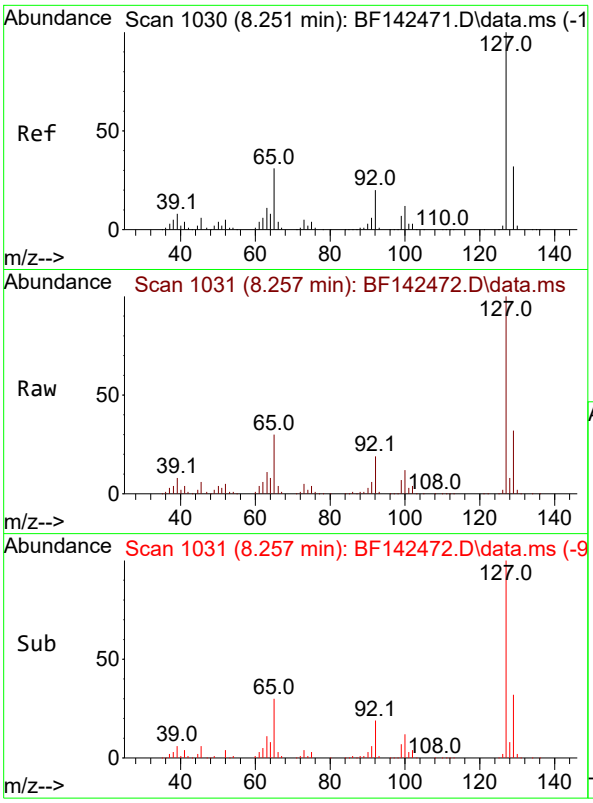


#32
Benzoic acid
Concen: 55.512 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:122 Resp: 177379

Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.7	141.7
77	87.7	69.5	109.5



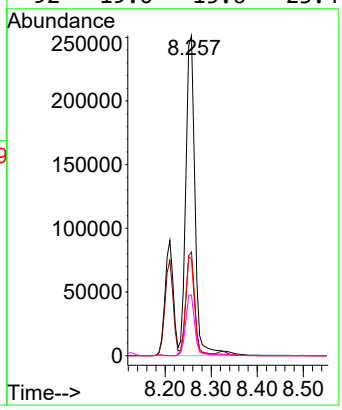


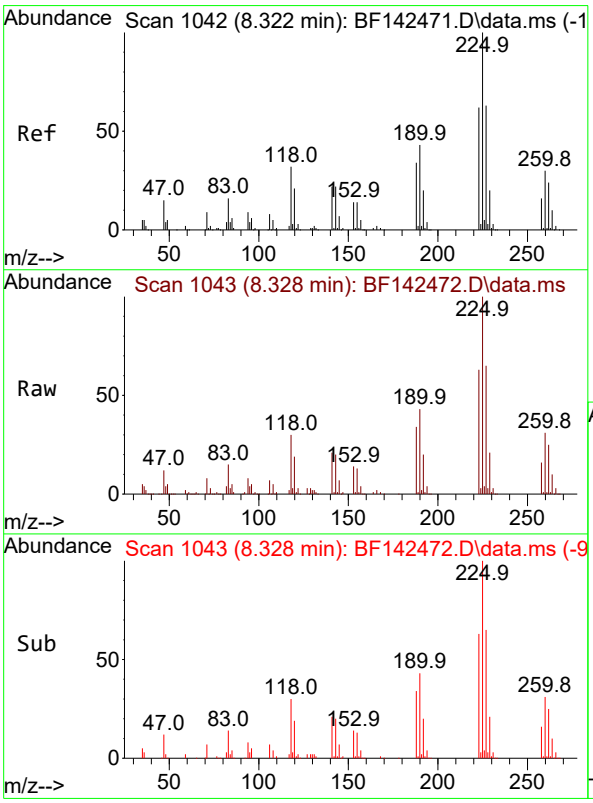
#33
4-Chloroaniline
Concen: 52.037 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 349678

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.2	24.9	37.3
92	19.0	15.6	23.4

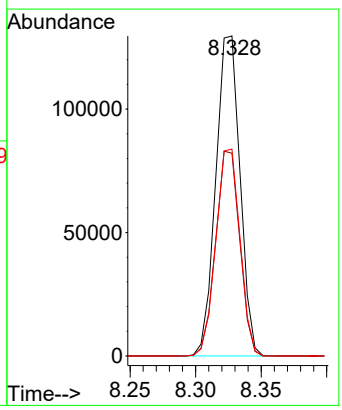


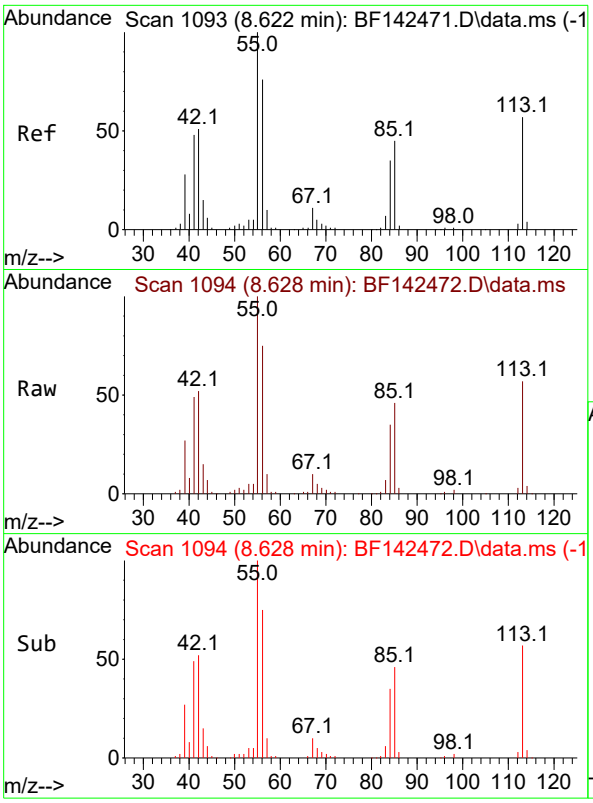


#34
Hexachlorobutadiene
Concen: 51.428 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:225 Resp: 166363

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.6	50.3	75.5



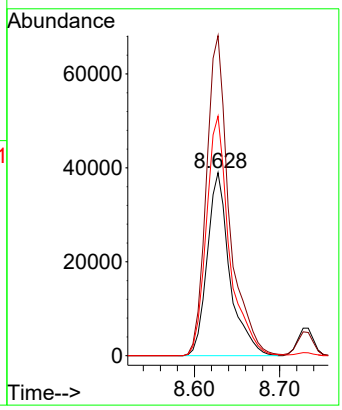


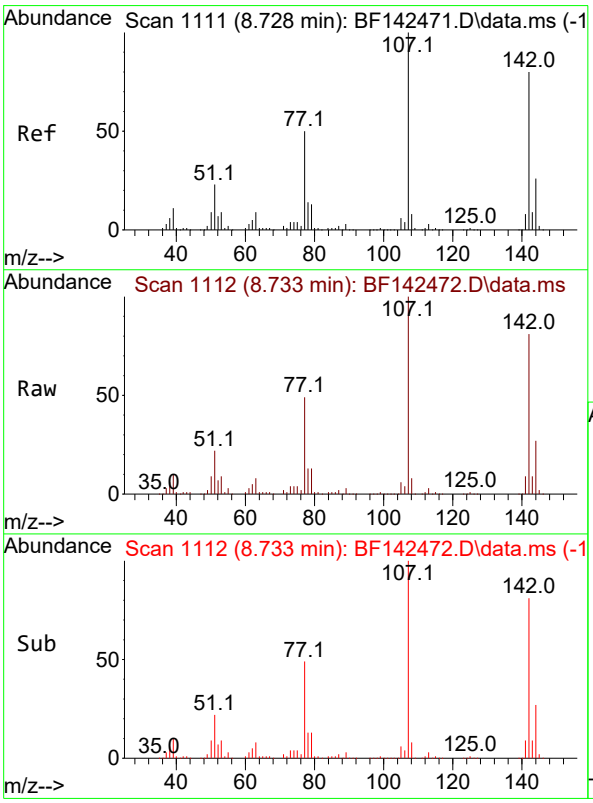
#35
Caprolactam
Concen: 53.297 ng
RT: 8.628 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 71458

Ion	Ratio	Lower	Upper
113	100		
55	174.8	154.7	194.7
56	130.8	113.2	153.2

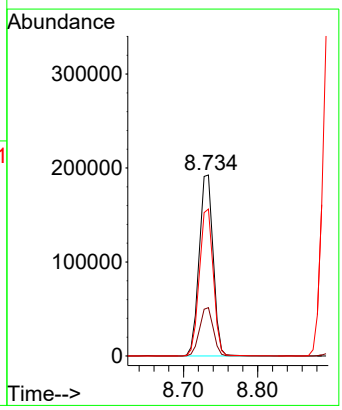


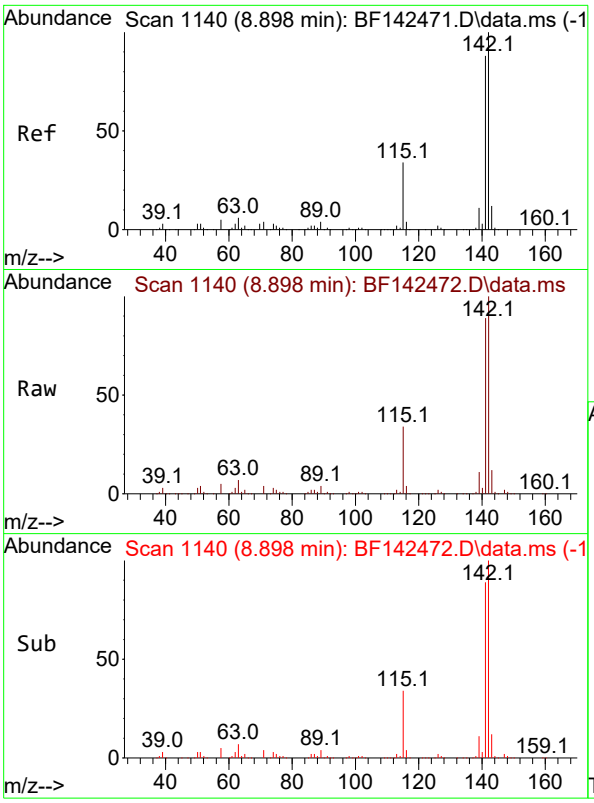


#36
4-Chloro-3-methylphenol
Concen: 51.862 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:107 Resp: 253726

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.9	31.3
142	81.2	64.2	96.2



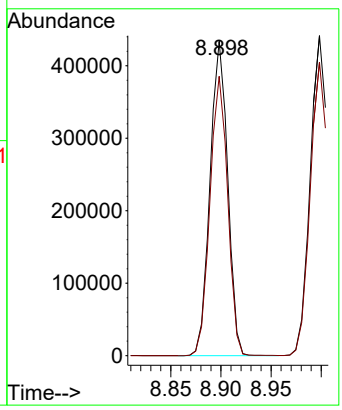


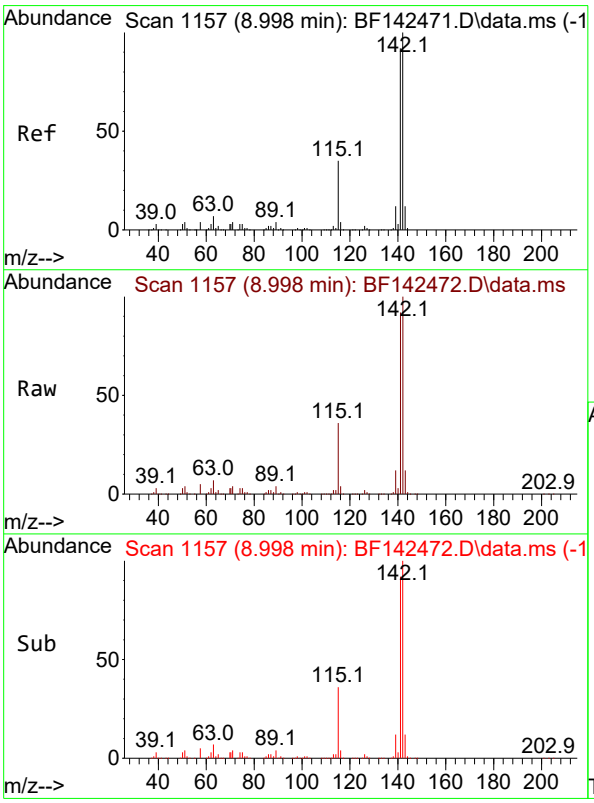
#37
2-Methylnaphthalene
Concen: 50.907 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 531122

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1

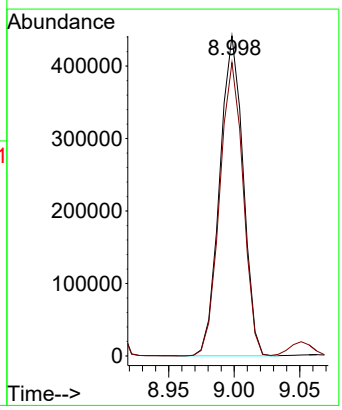


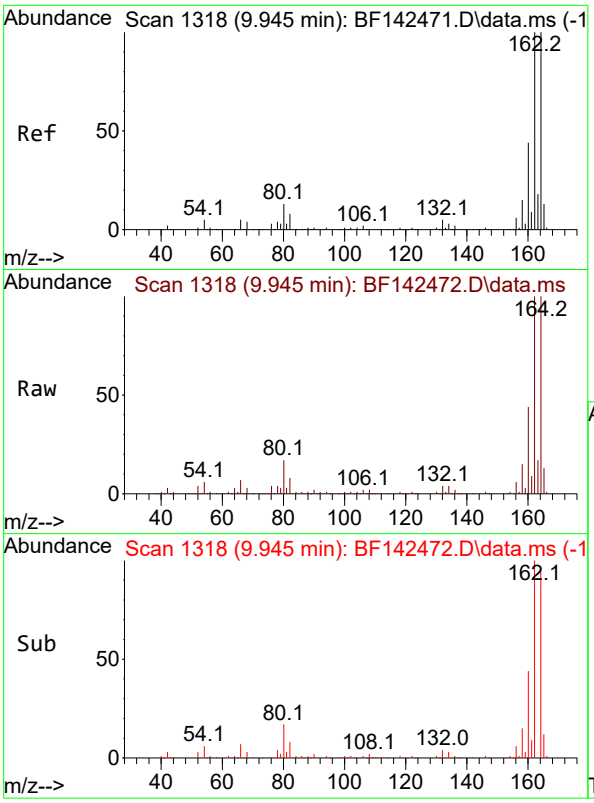


#38
1-Methylnaphthalene
Concen: 50.711 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:142 Resp: 547258

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2



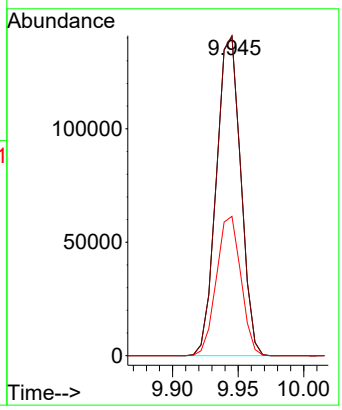


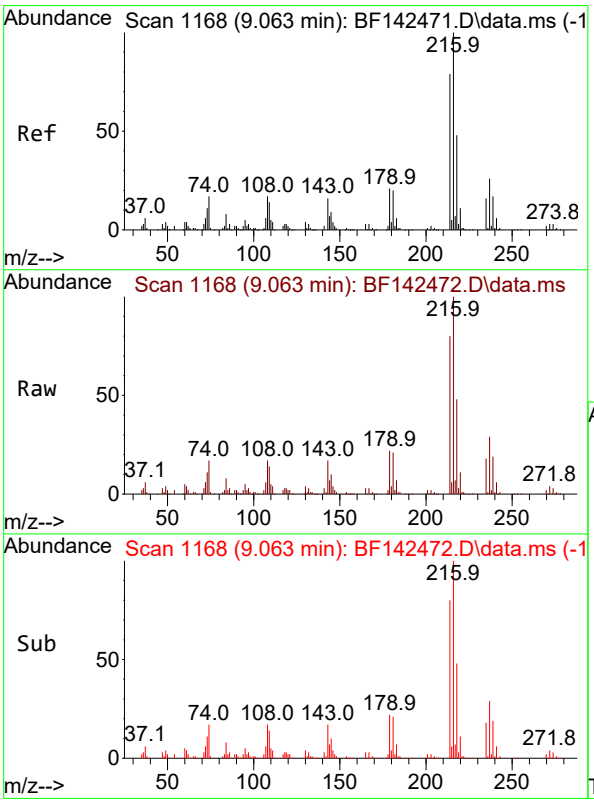
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 181409

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	43.7	35.6	53.4

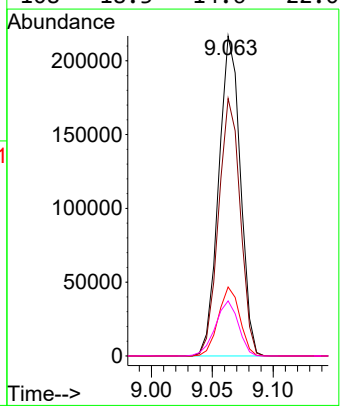


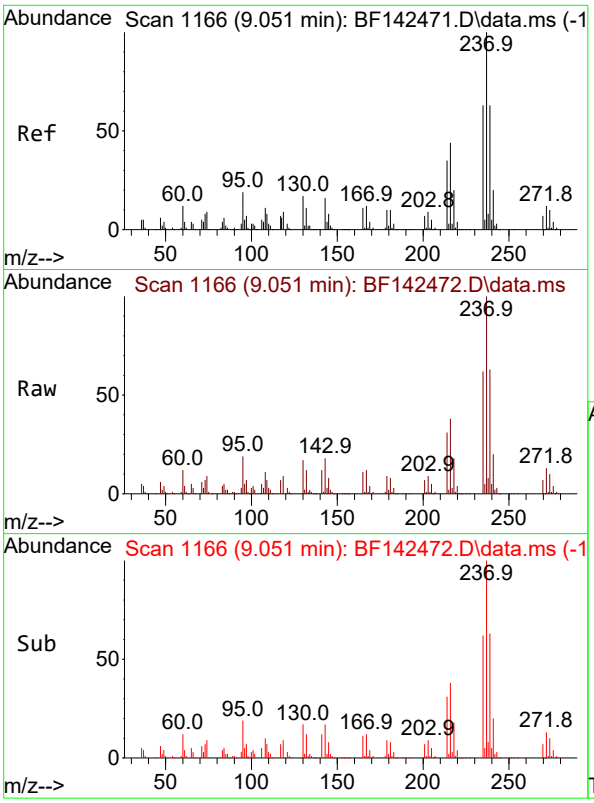


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.543 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:216 Resp: 268407

Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.9	94.3
179	21.3	16.9	25.3
108	18.3	14.6	22.0



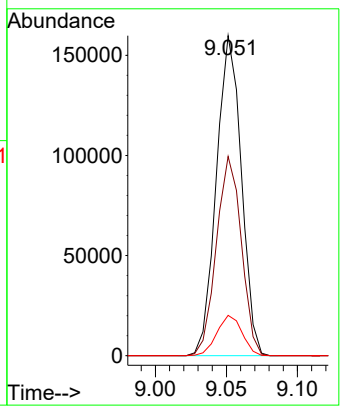


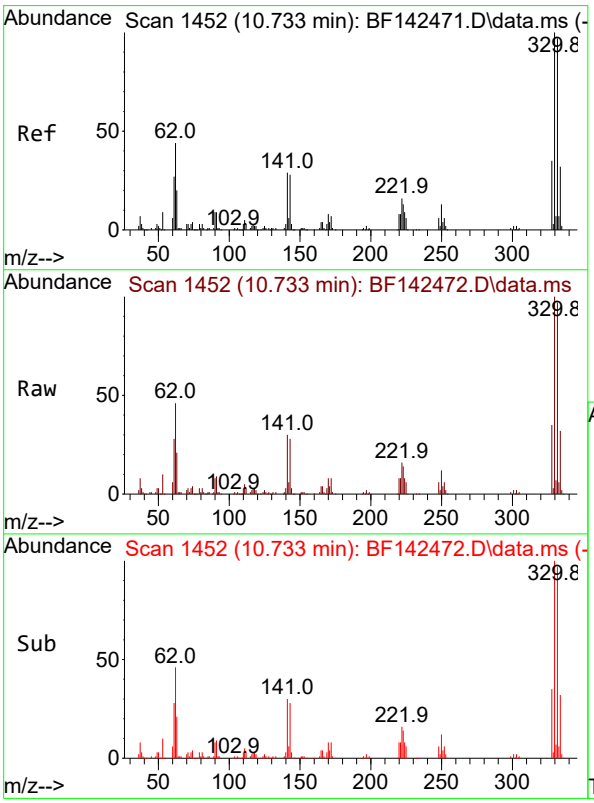
#41
Hexachlorocyclopentadiene
Concen: 55.532 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 195080

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.3	83.3
272	12.6	0.0	32.4

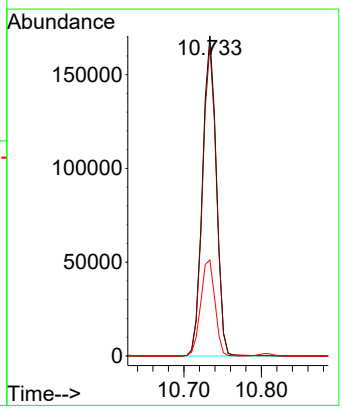


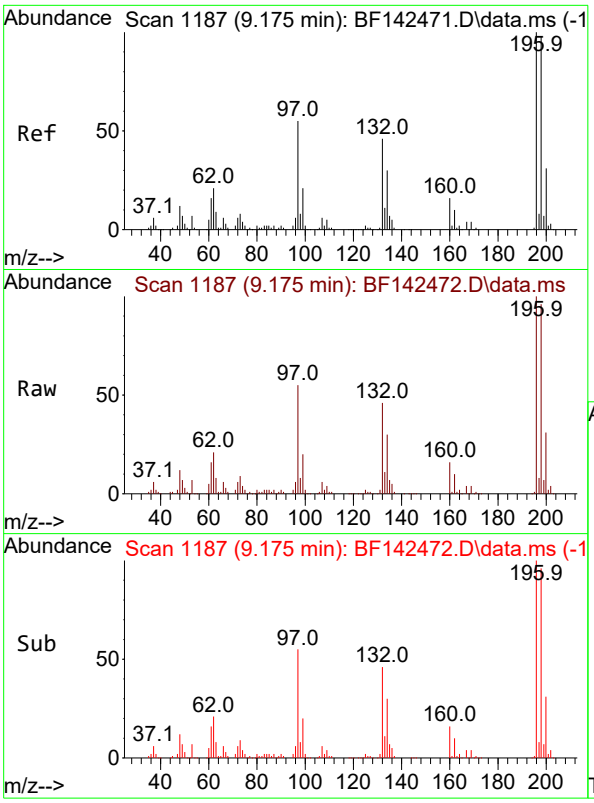


#42
2,4,6-Tribromophenol
Concen: 104.956 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:330 Resp: 211319

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.9	24.6	36.8



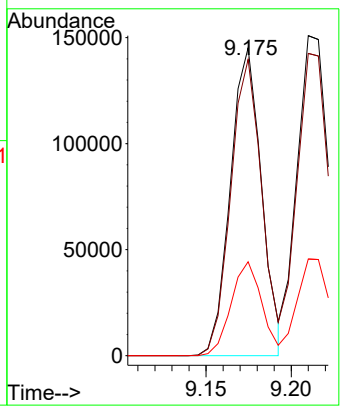


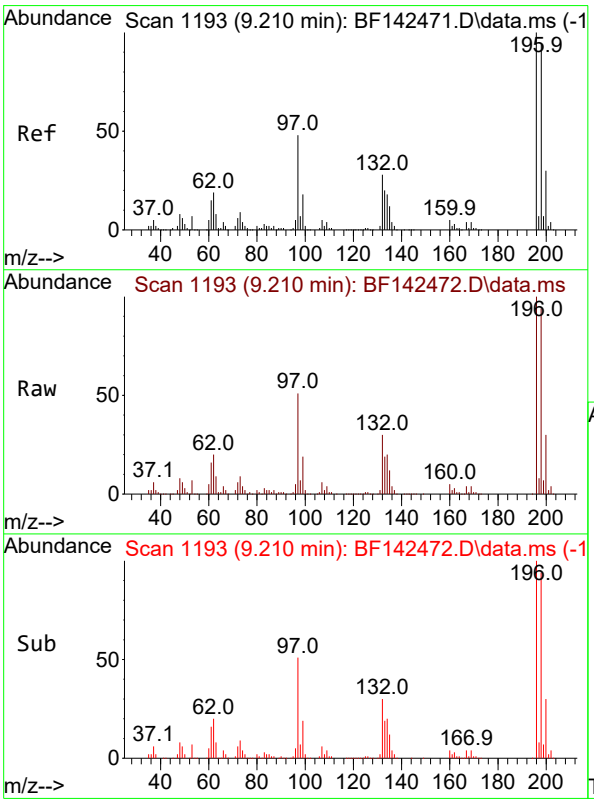
#43
2,4,6-Trichlorophenol
Concen: 52.421 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 184076

Ion	Ratio	Lower	Upper
196	100		
198	96.3	78.8	118.2
200	30.5	24.9	37.3

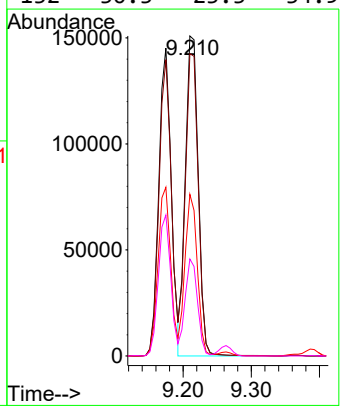


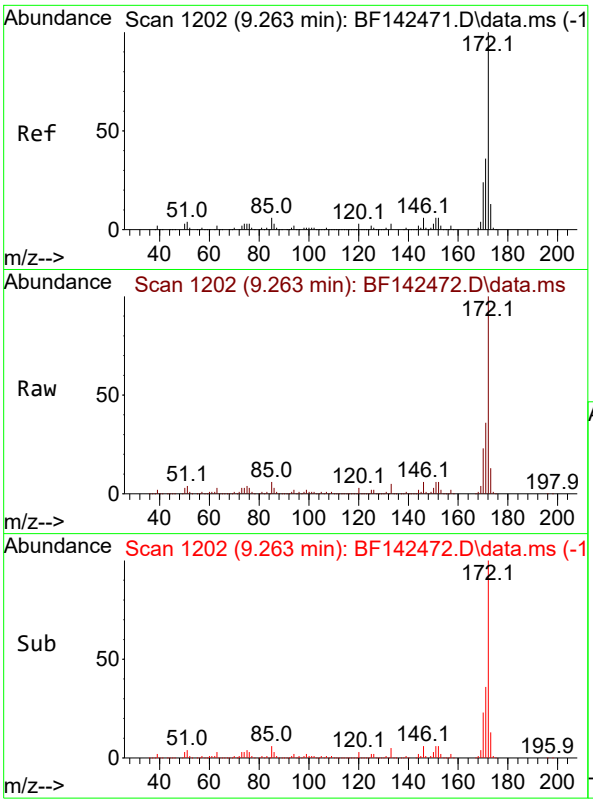


#44
2,4,5-Trichlorophenol
Concen: 53.537 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:196 Resp: 198266

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
97	50.5	39.3	58.9
132	30.3	23.3	34.9



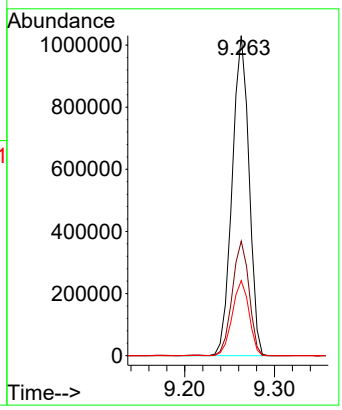


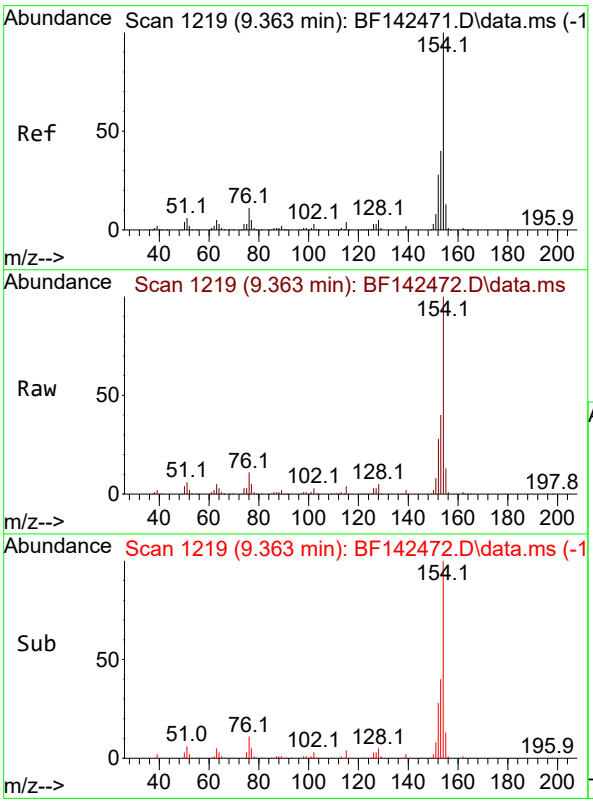
#45
2-Fluorobiphenyl
Concen: 99.269 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1342037

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	18.9	28.3

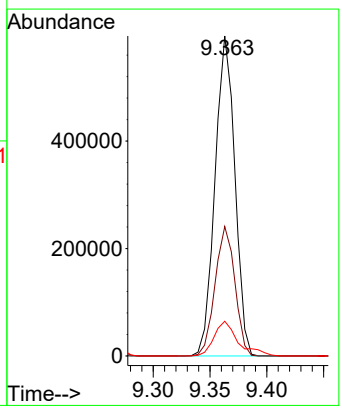


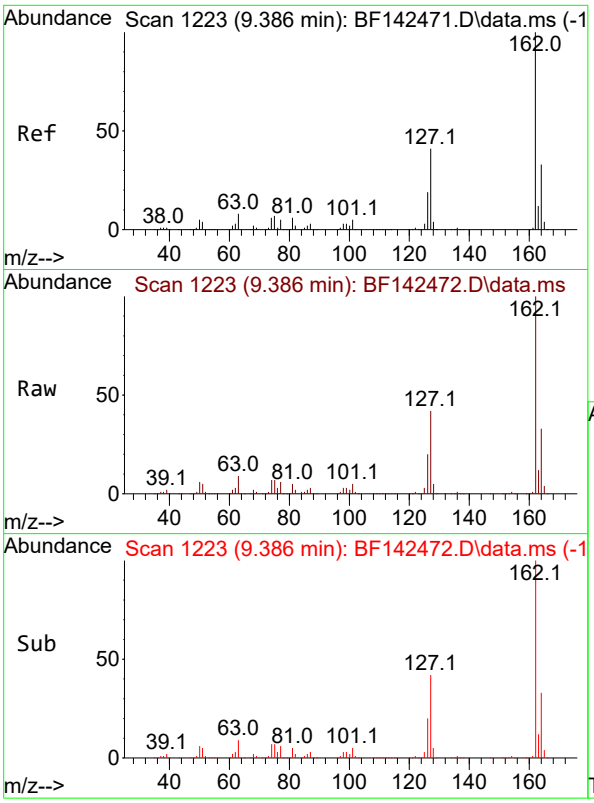


#46
1,1'-Biphenyl
Concen: 51.405 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:154 Resp: 723473

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.8	0.0	30.8



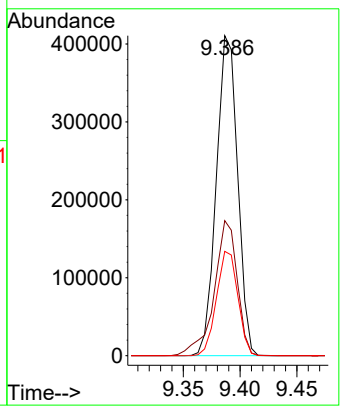


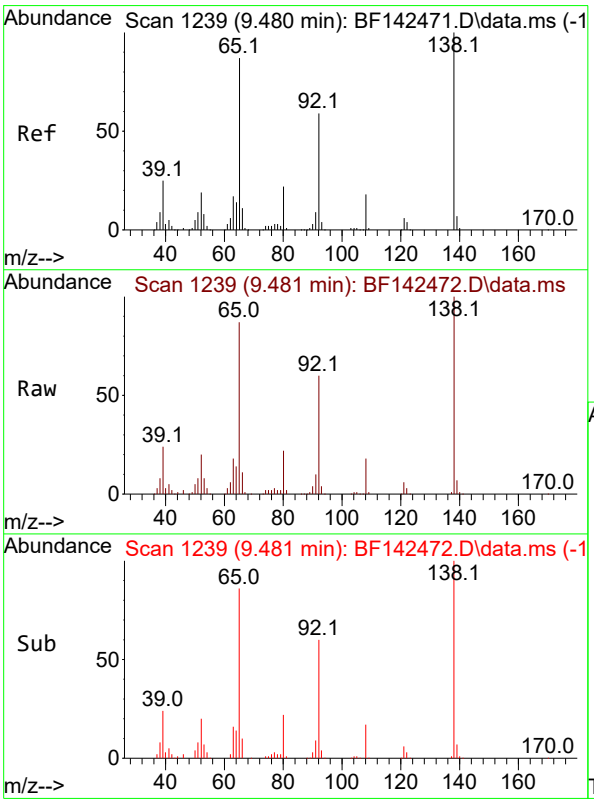
#47
2-Chloronaphthalene
Concen: 51.583 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 536379

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.5	50.3
164	32.6	26.1	39.1

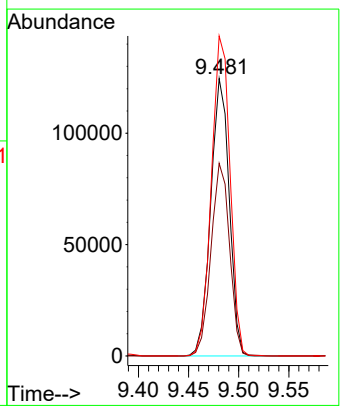


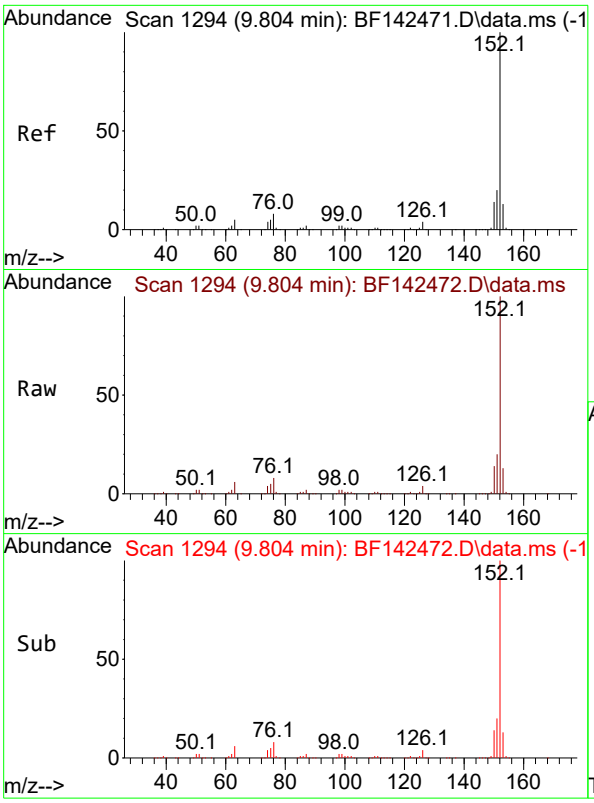


#48
2-Nitroaniline
Concen: 53.410 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 65 Resp: 160529

Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.4	81.6
138	115.3	91.4	137.2



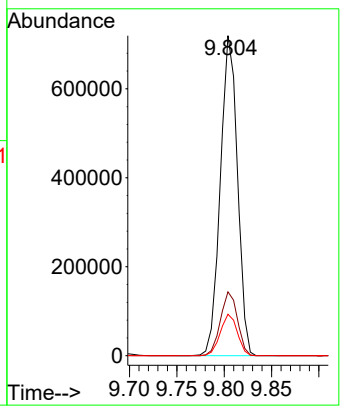


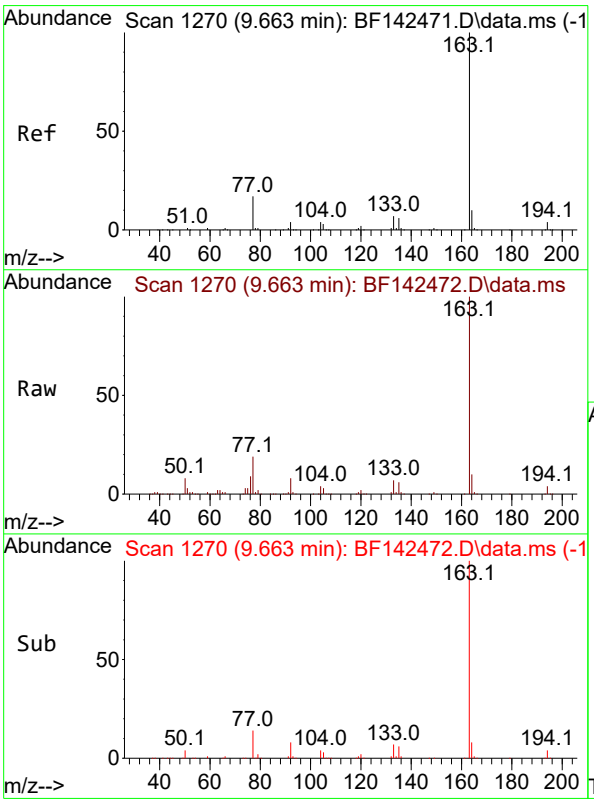
#49
Acenaphthylene
Concen: 51.602 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 906063

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.9	10.6	15.8

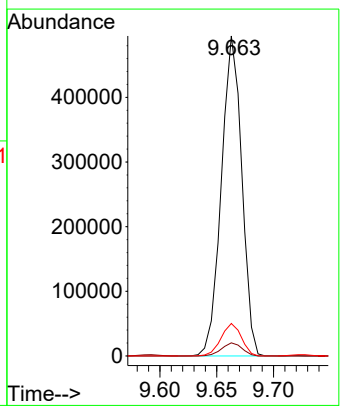


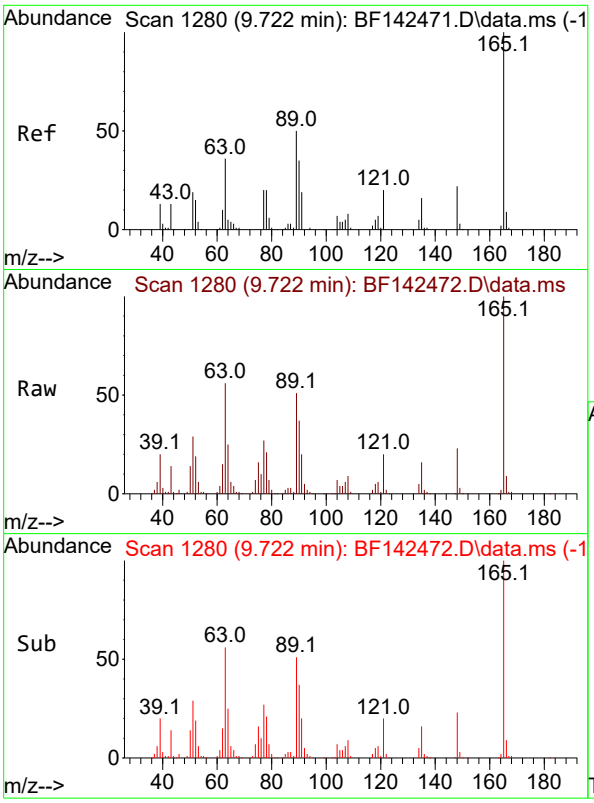


#50
Dimethylphthalate
Concen: 51.764 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:163 Resp: 619616

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.2	12.4



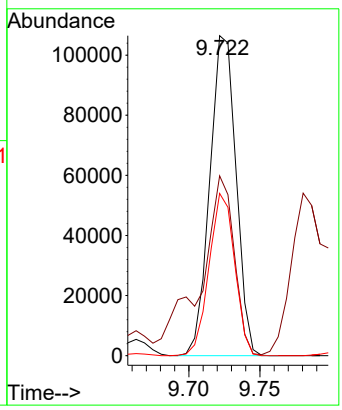


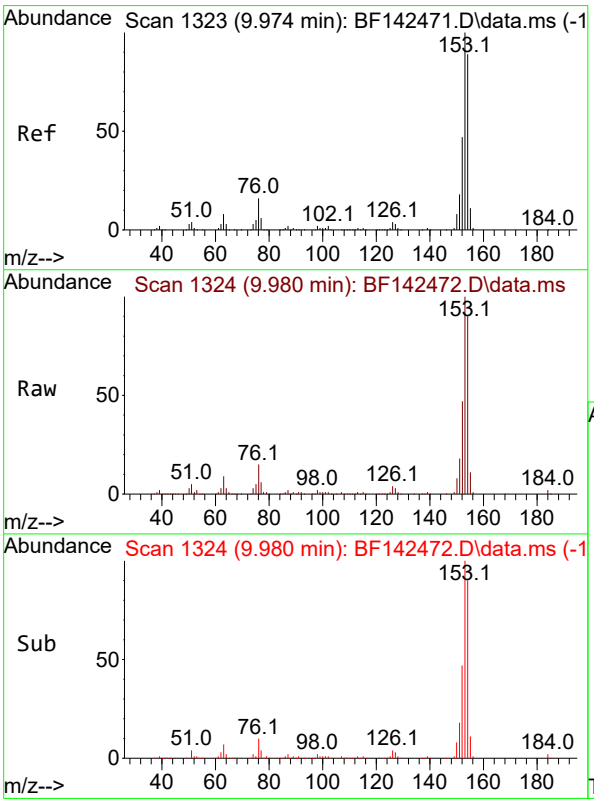
#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 137090

Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.9	64.3
89	50.7	40.2	60.4

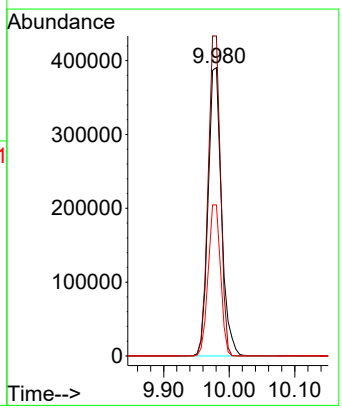


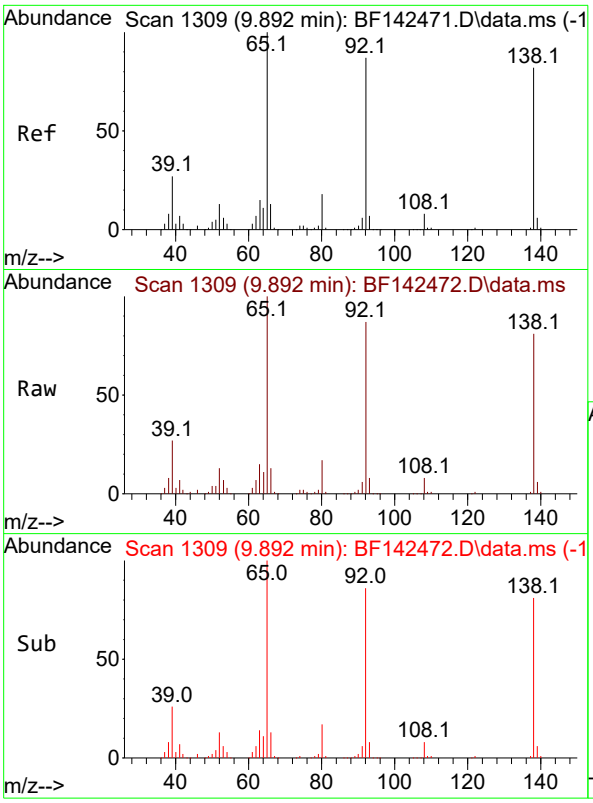


#52
Acenaphthene
Concen: 51.742 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:154 Resp: 554762

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	52.4	42.6	64.0



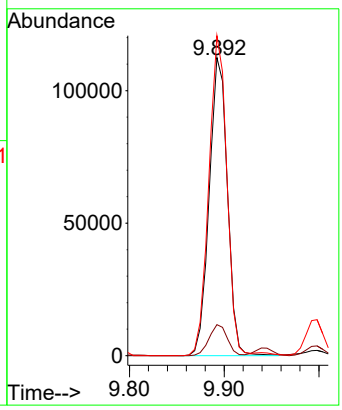


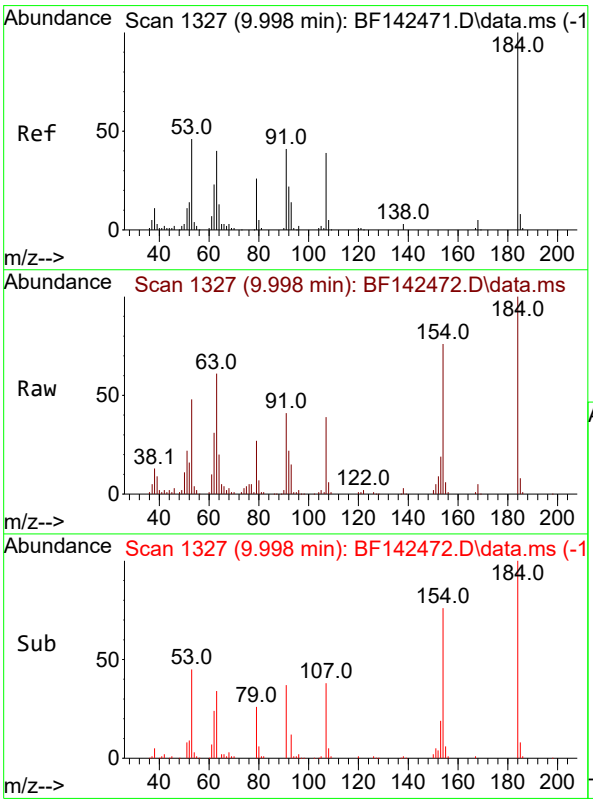
#53
3-Nitroaniline
Concen: 53.082 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 149786

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	107.3	85.2	127.8

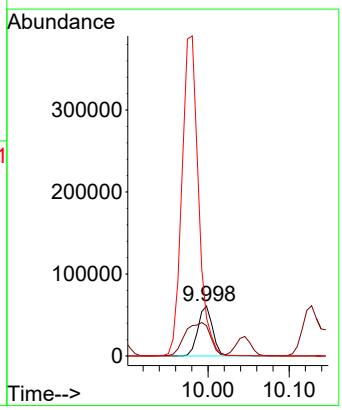


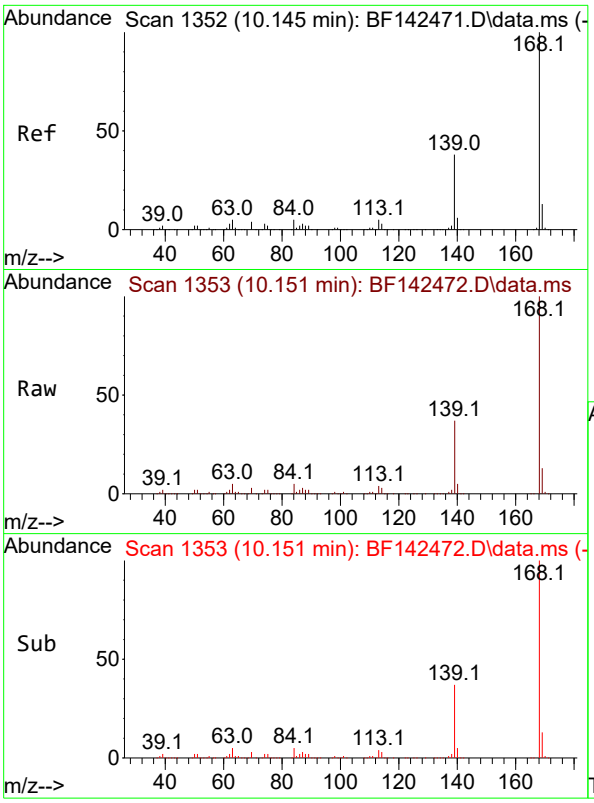


#54
2,4-Dinitrophenol
Concen: 57.487 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:184 Resp: 76730

Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.3	69.5
154	76.3	56.8	85.2



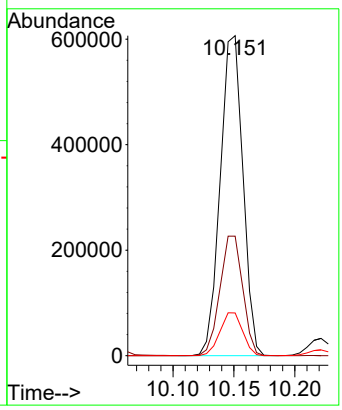


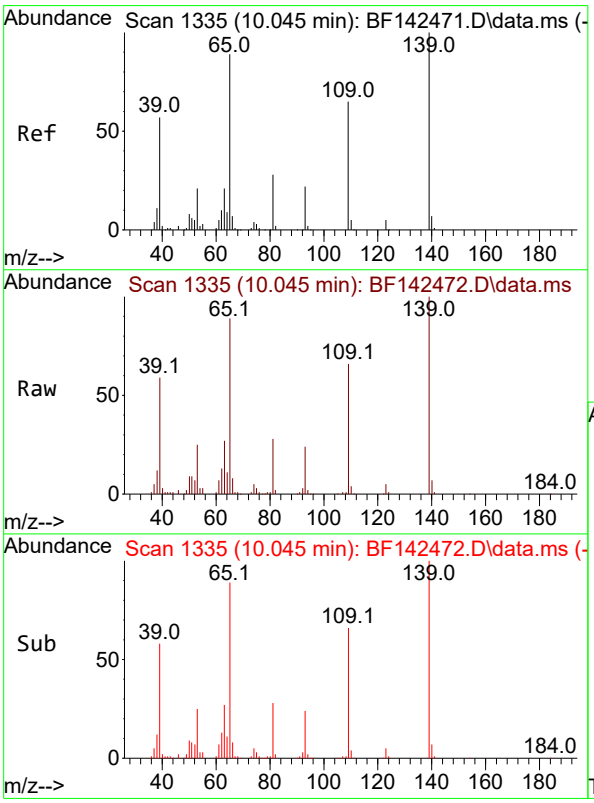
#55
Dibenzofuran
Concen: 51.038 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 787446

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.2	45.2
169	13.3	10.7	16.1

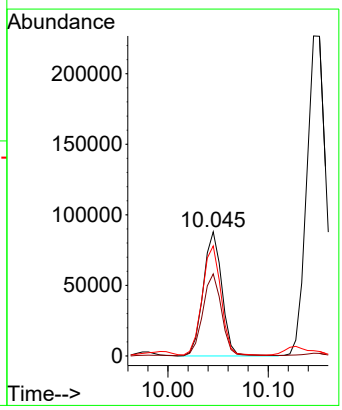


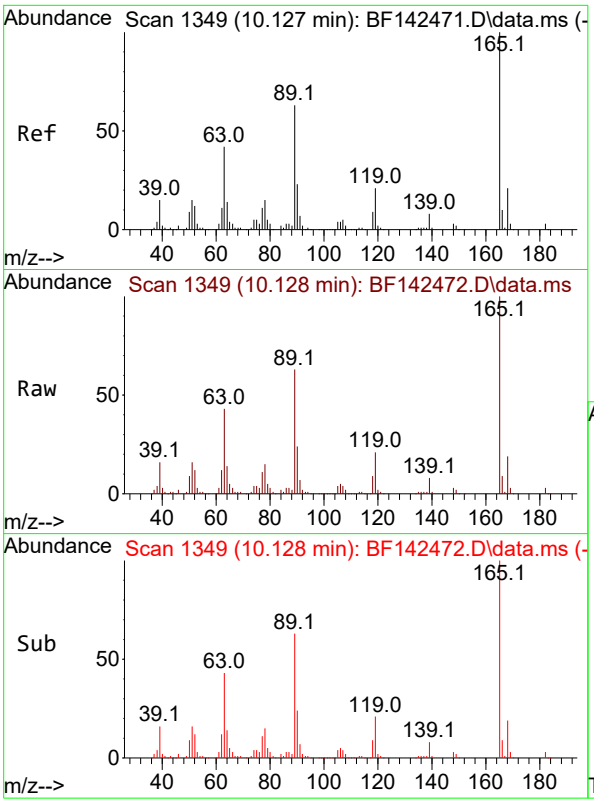


#56
4-Nitrophenol
Concen: 54.849 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:139 Resp: 114198

Ion	Ratio	Lower	Upper
139	100		
109	66.1	45.1	85.1
65	88.7	69.7	109.7



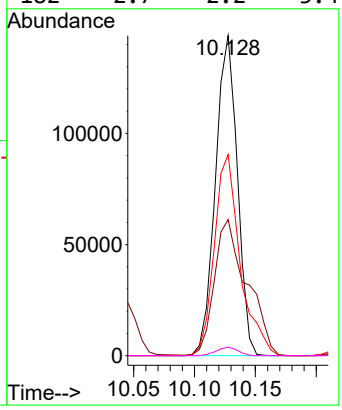


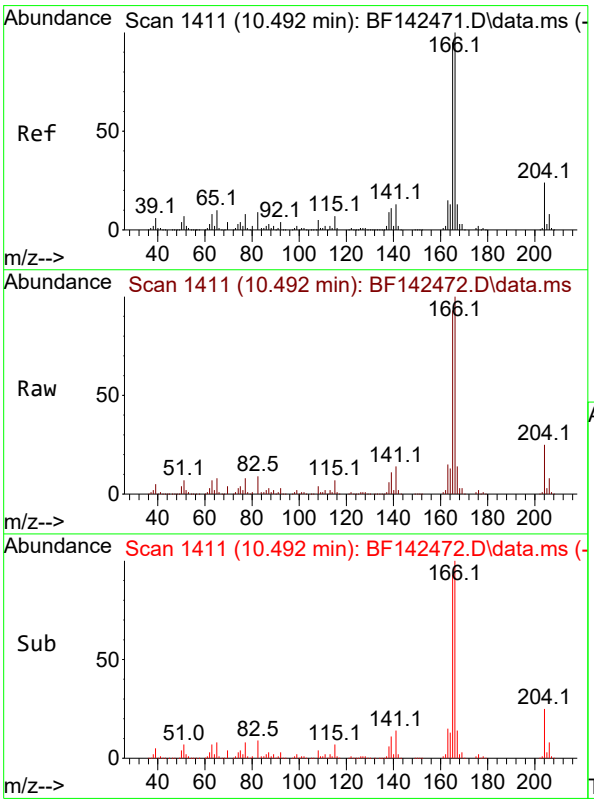
#57
2,4-Dinitrotoluene
Concen: 53.473 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 180417

Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.6	50.4
89	62.8	50.2	75.4
182	2.7	2.2	3.4

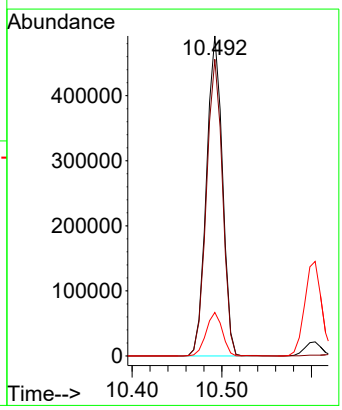


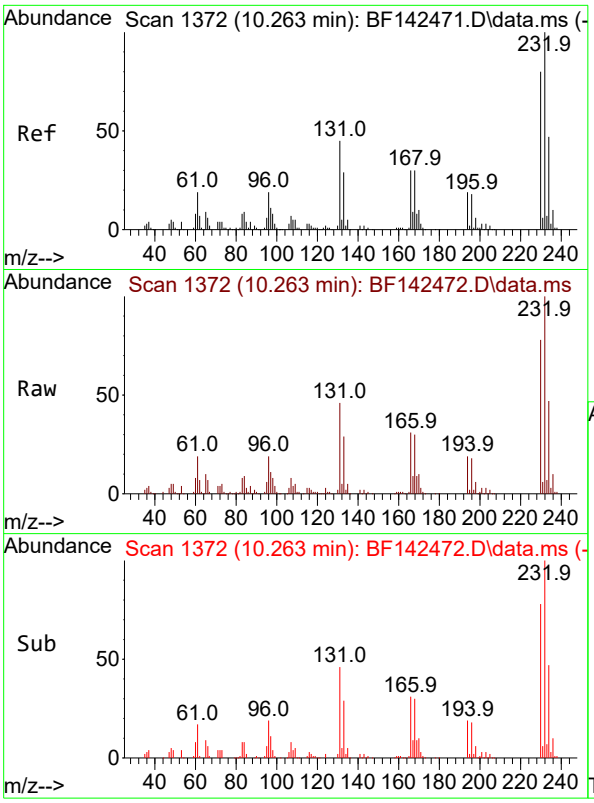


#58
Fluorene
Concen: 51.090 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:166 Resp: 608966

Ion	Ratio	Lower	Upper
166	100		
165	92.7	75.8	113.8
167	13.6	10.6	16.0



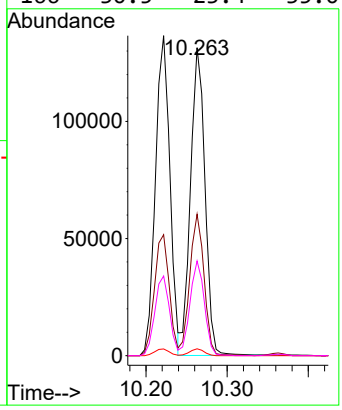


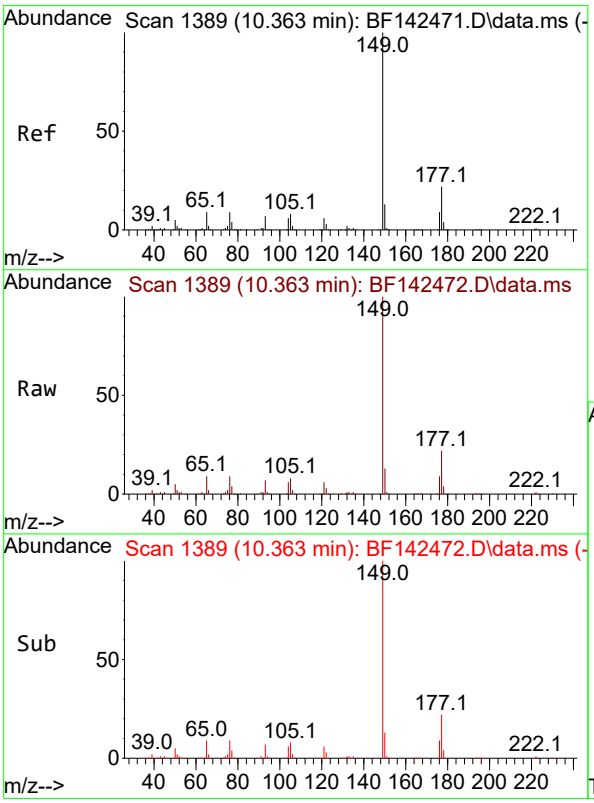
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.897 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 163539

Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.2	52.8
130	2.2	1.7	2.5
166	30.5	23.4	35.0

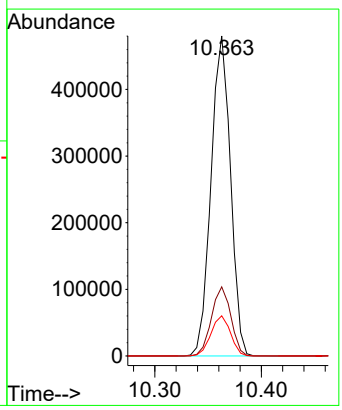


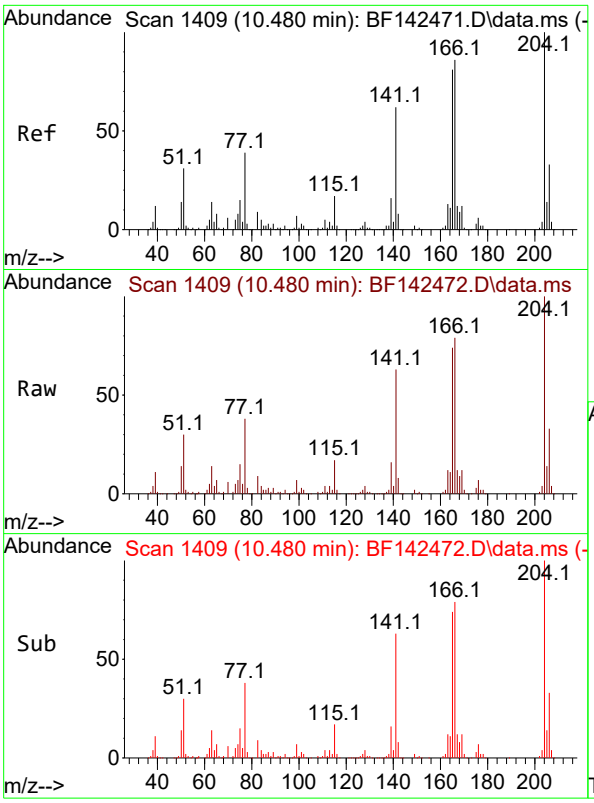


#60
Diethylphthalate
Concen: 52.089 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 608941

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.5	10.1	15.1



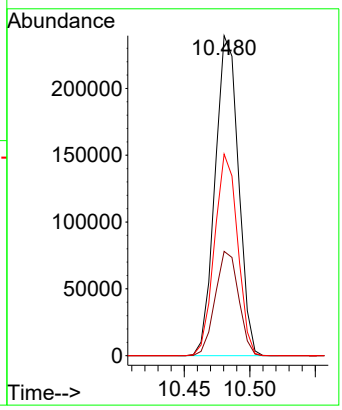


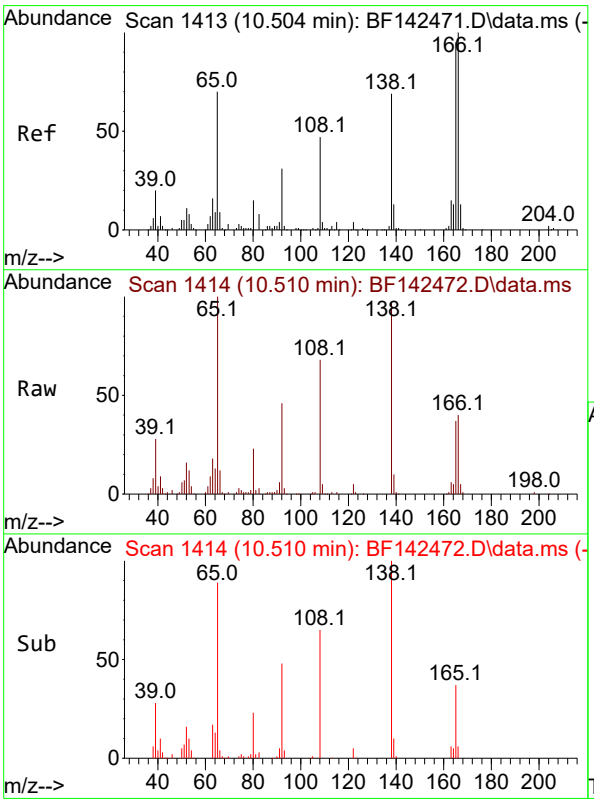
#61
4-Chlorophenyl-phenylether
Concen: 50.597 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 296264

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	63.0	49.5	74.3

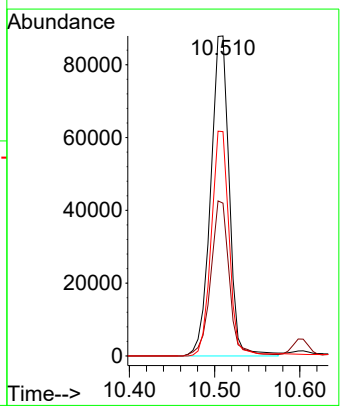


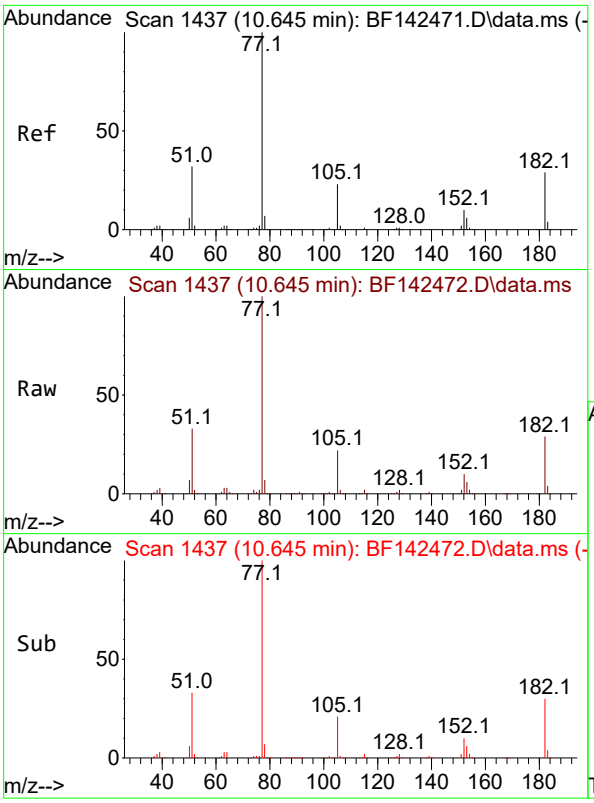


#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:138 Resp: 133141

Ion	Ratio	Lower	Upper
138	100		
92	47.7	26.0	66.0
108	70.1	48.4	88.4



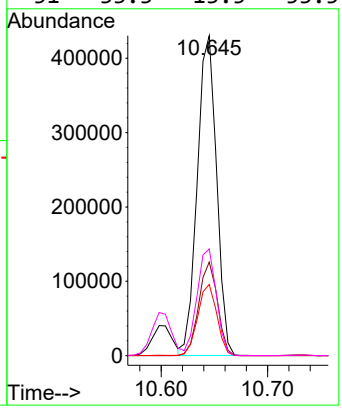


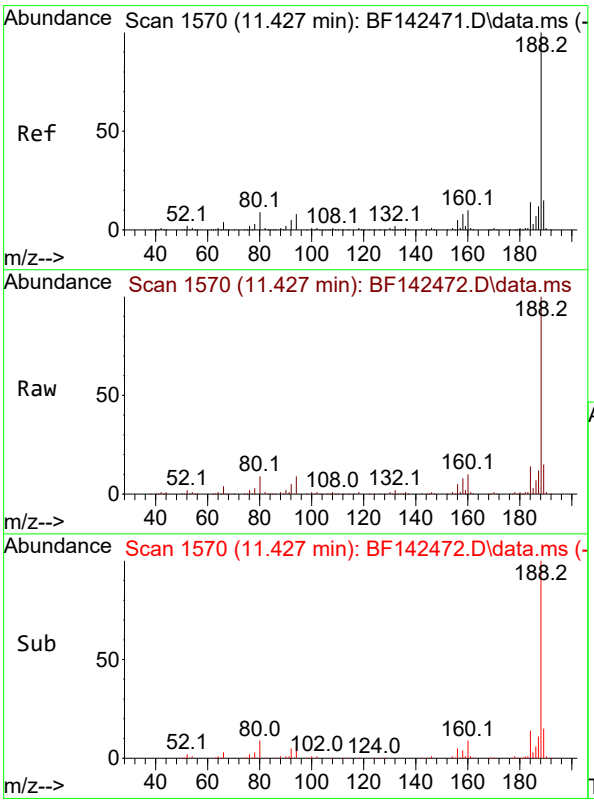
#63
Azobenzene
Concen: 51.703 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 542894

Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.0	49.0
105	22.3	2.4	42.4
51	33.3	13.5	53.5

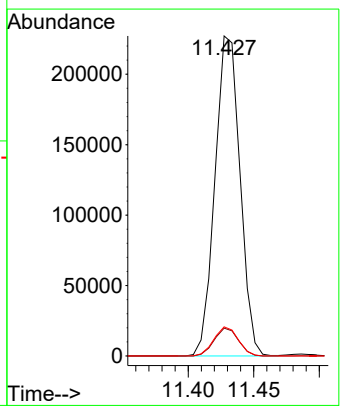


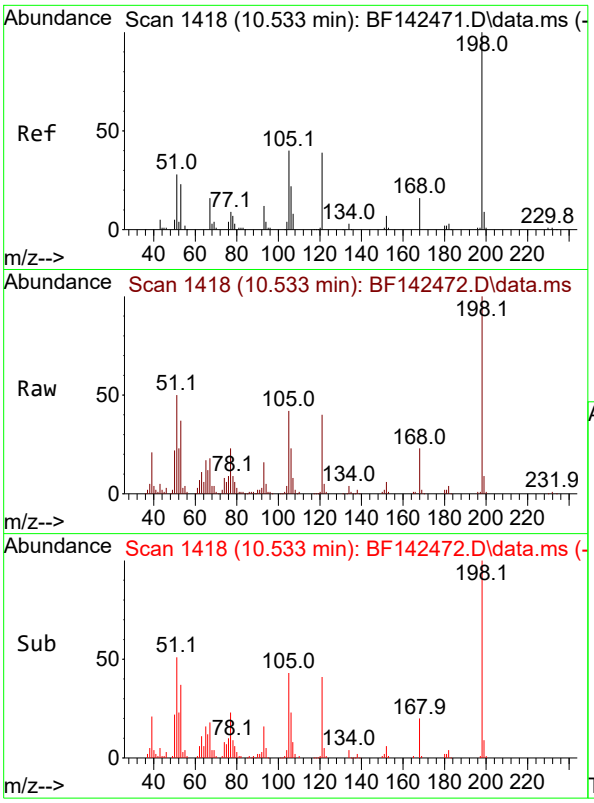


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:188 Resp: 301685

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.4	11.0



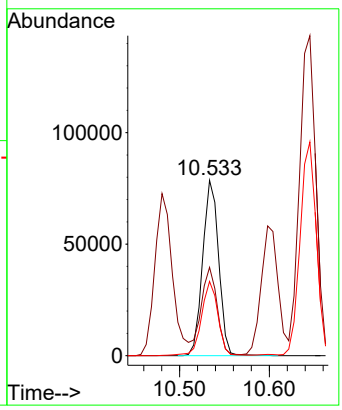


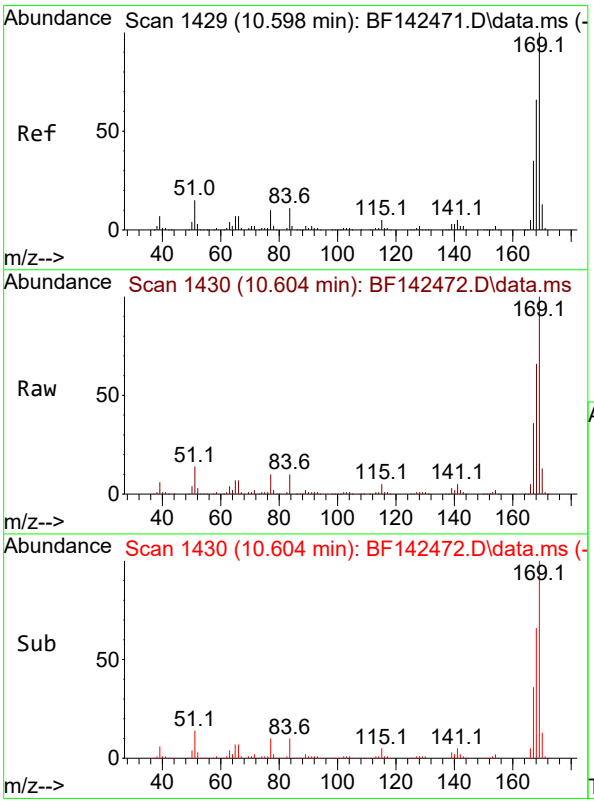
#65
4,6-Dinitro-2-methylphenol
Concen: 57.734 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 97203

Ion	Ratio	Lower	Upper
198	100		
51	50.4	28.3	68.3
105	42.4	21.3	61.3

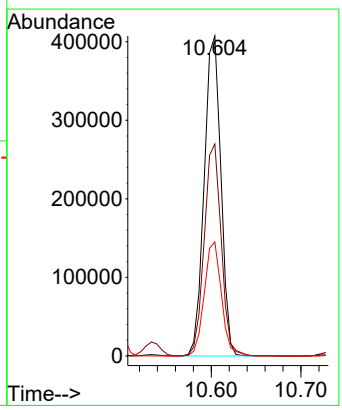


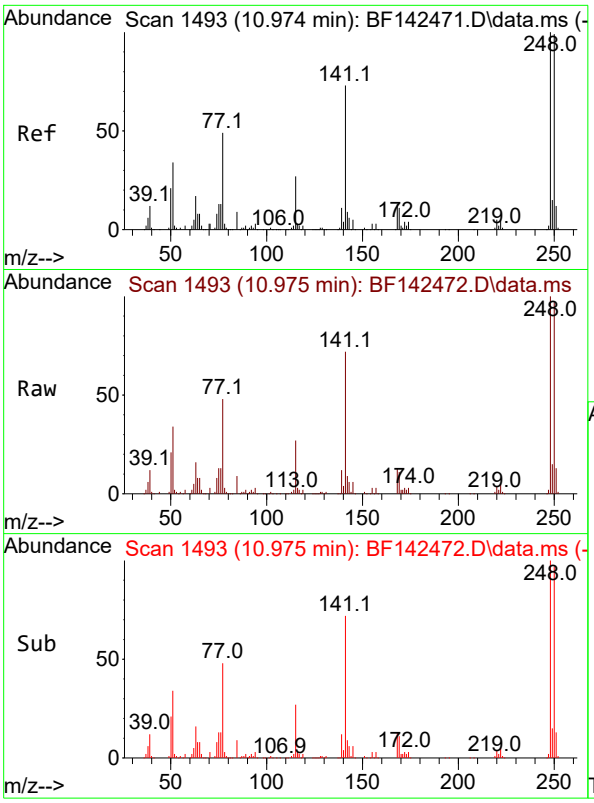


#66
n-Nitrosodiphenylamine
Concen: 50.960 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:169 Resp: 525974

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.7	28.3	42.5



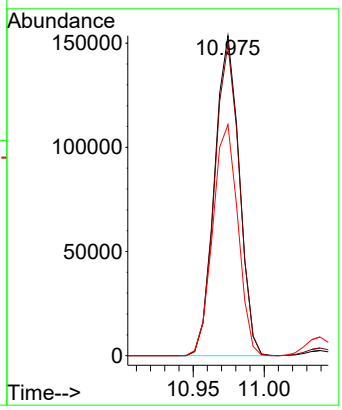


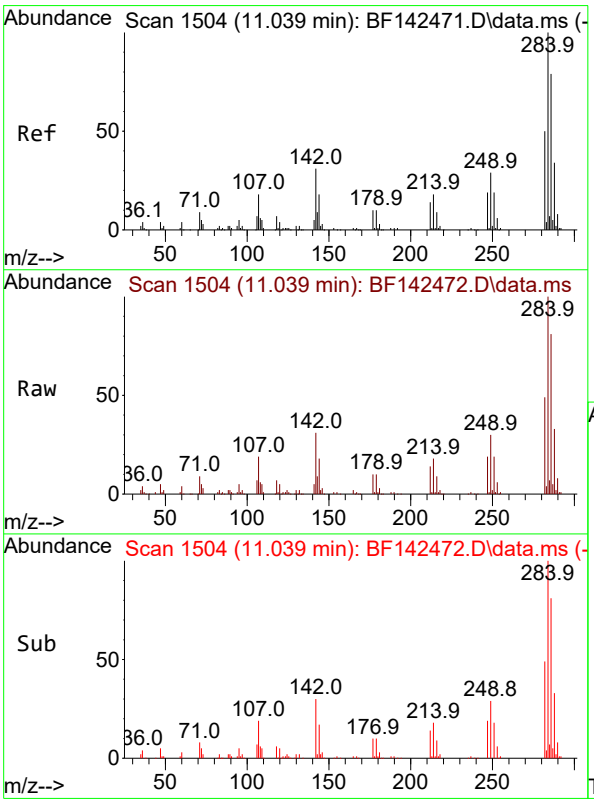
#67
4-Bromophenyl-phenylether
Concen: 52.061 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 185711

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.4
141	72.2	58.4	87.6

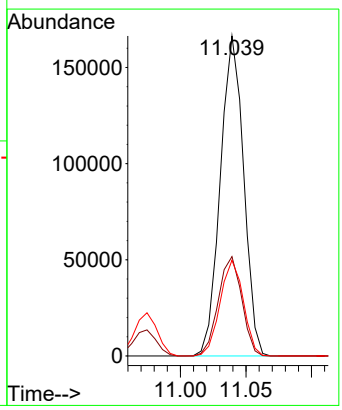


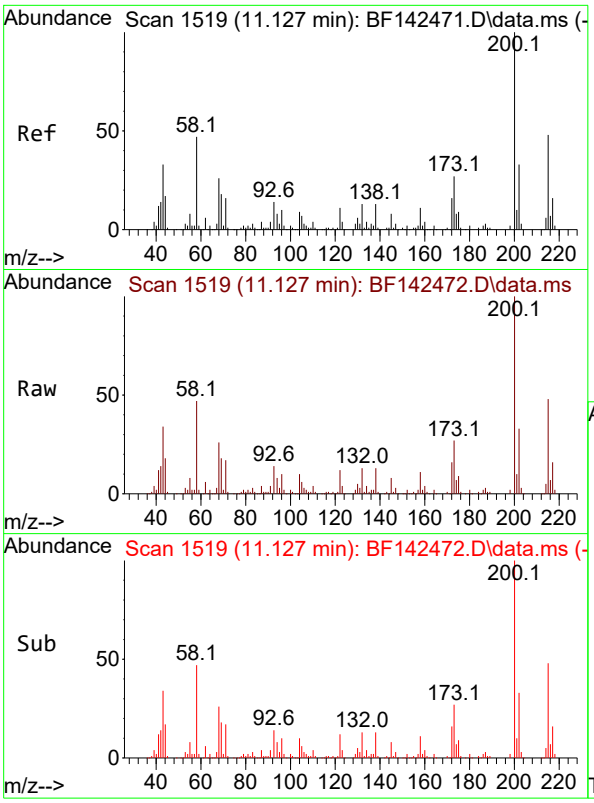


#68
Hexachlorobenzene
Concen: 52.151 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:284 Resp: 205759

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.9	23.6	35.4



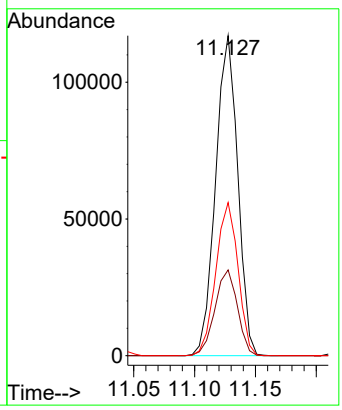


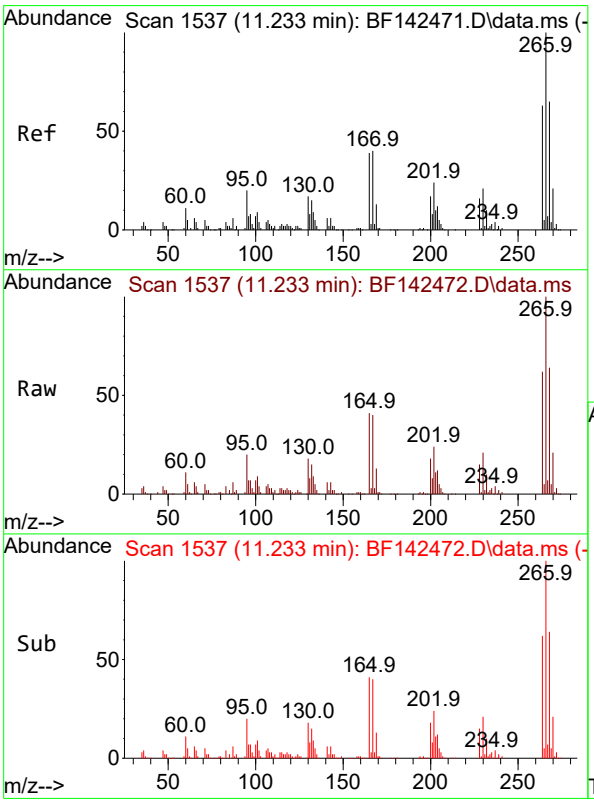
#69
Atrazine
Concen: 53.966 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 147922

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.4	47.4
215	47.9	28.5	68.5

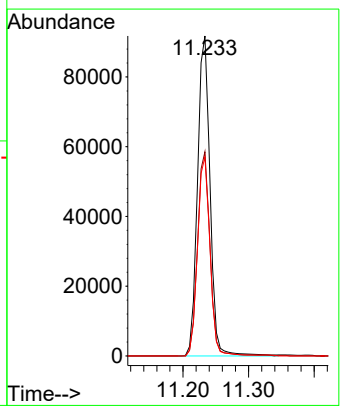


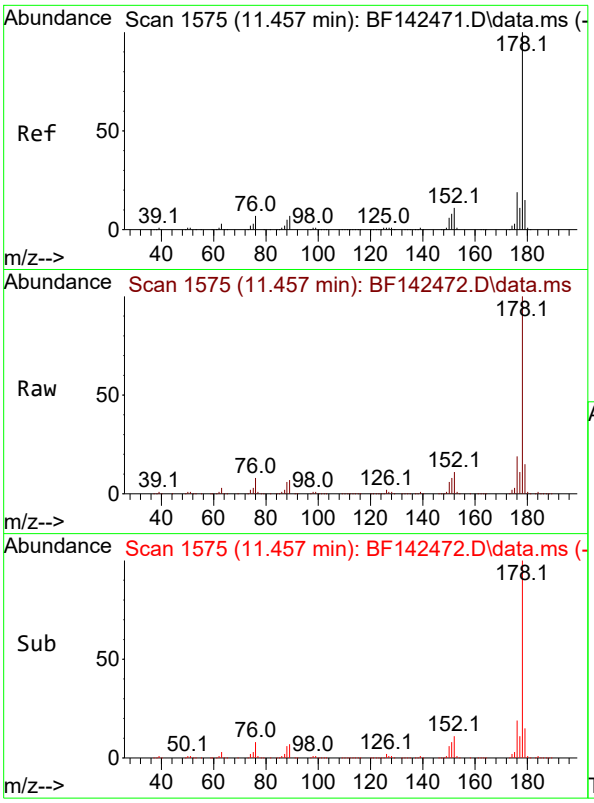


#70
Pentachlorophenol
Concen: 54.852 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:266 Resp: 122184

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.7	77.5
264	62.2	50.4	75.6



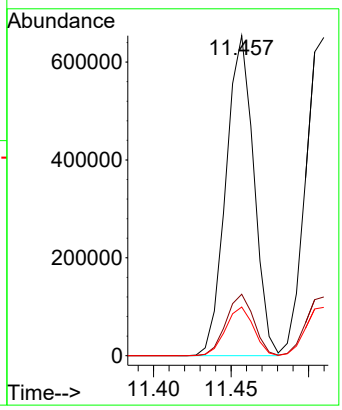


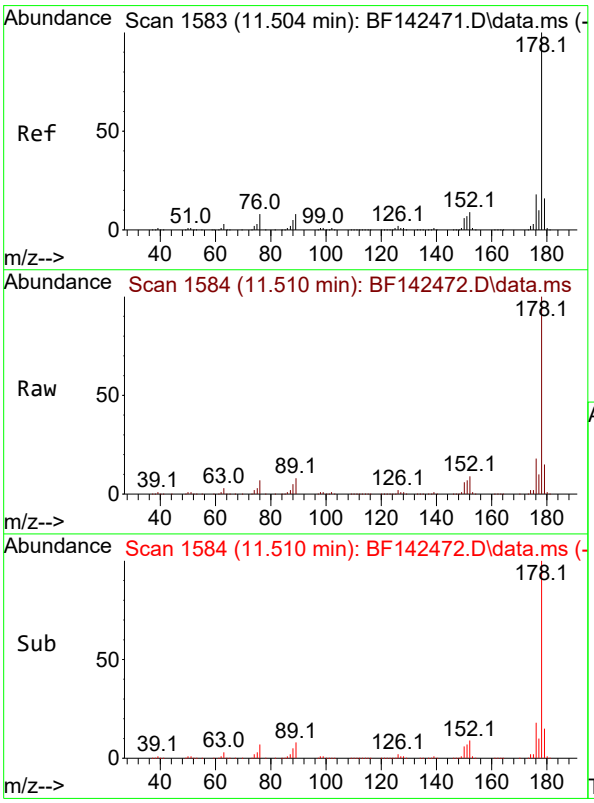
#71
Phenanthrene
Concen: 50.739 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 818043

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.3	18.5

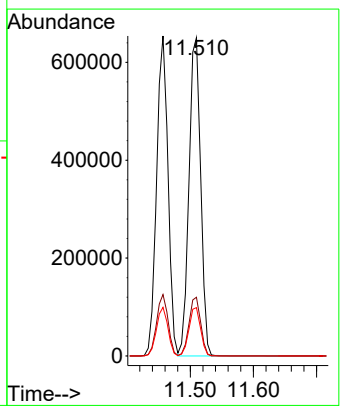


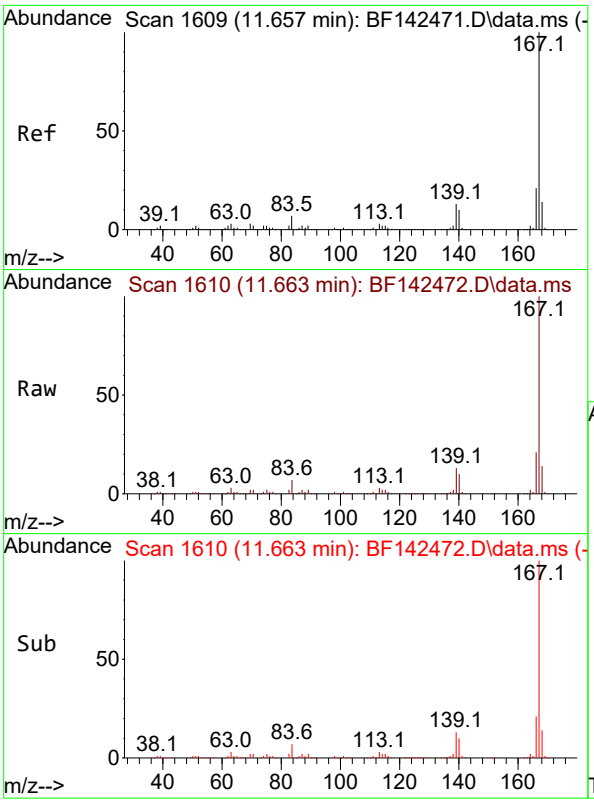


#72
Anthracene
Concen: 50.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:178 Resp: 837242

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.2	12.4	18.6



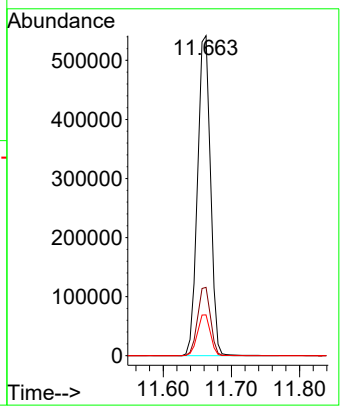


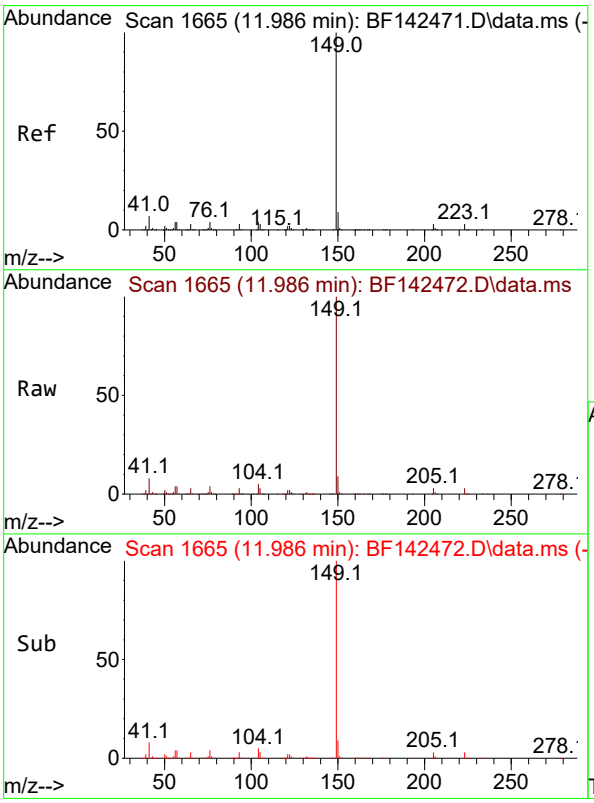
#73
Carbazole
Concen: 50.927 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 716381

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.7	10.2	15.4

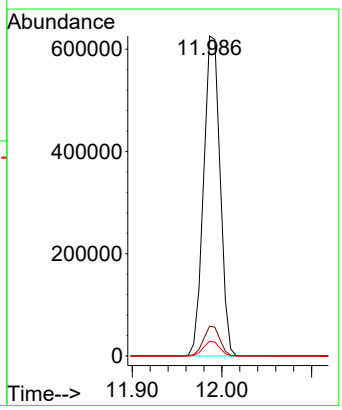


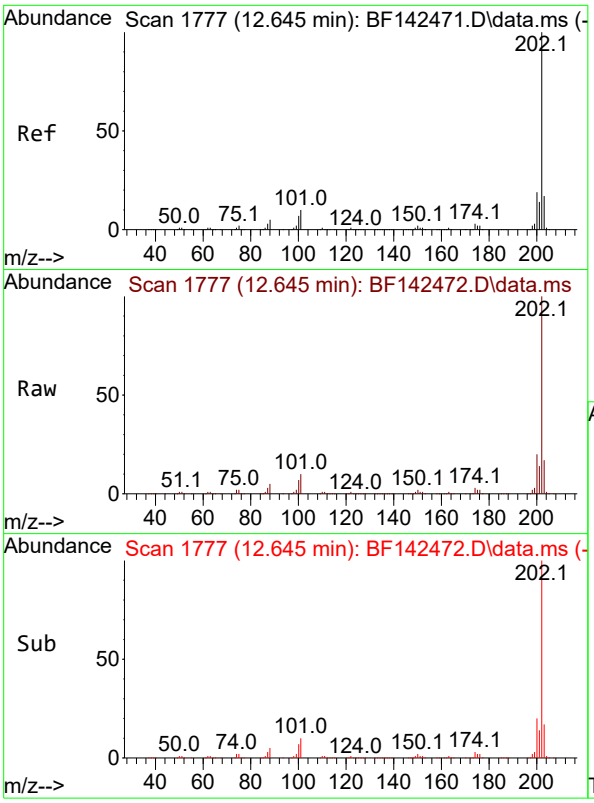


#74
Di-n-butylphthalate
Concen: 51.856 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 798451

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.6	3.6	5.4



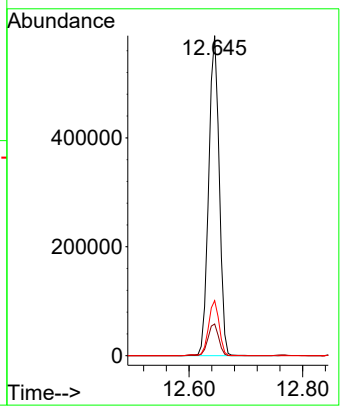


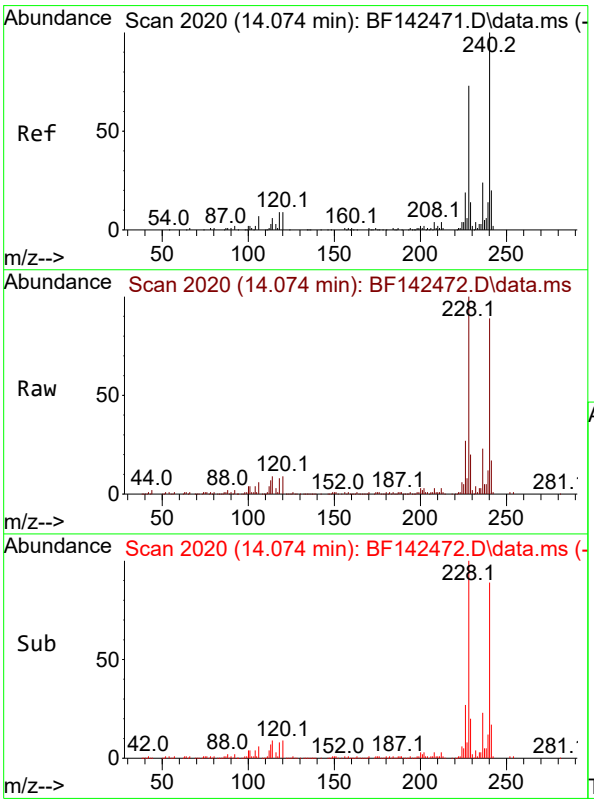
#75
Fluoranthene
Concen: 49.923 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 752083

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
203	17.2	0.0	37.2

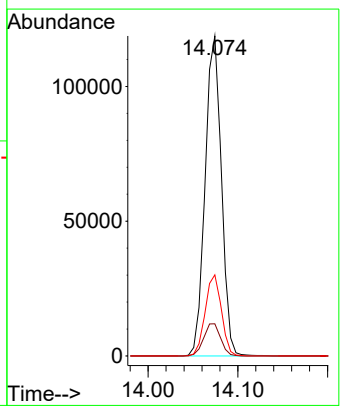


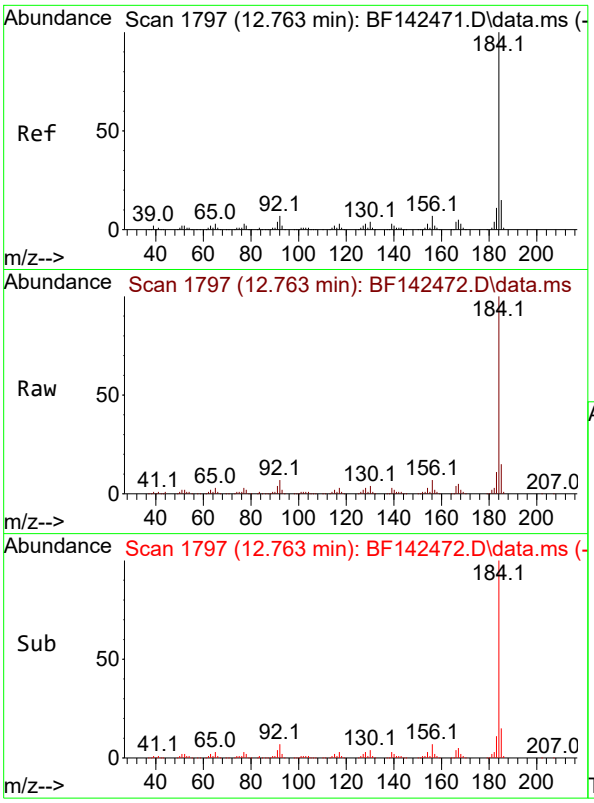


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:240 Resp: 149689

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.4	19.6	29.4



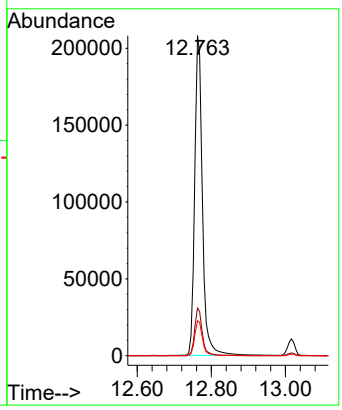


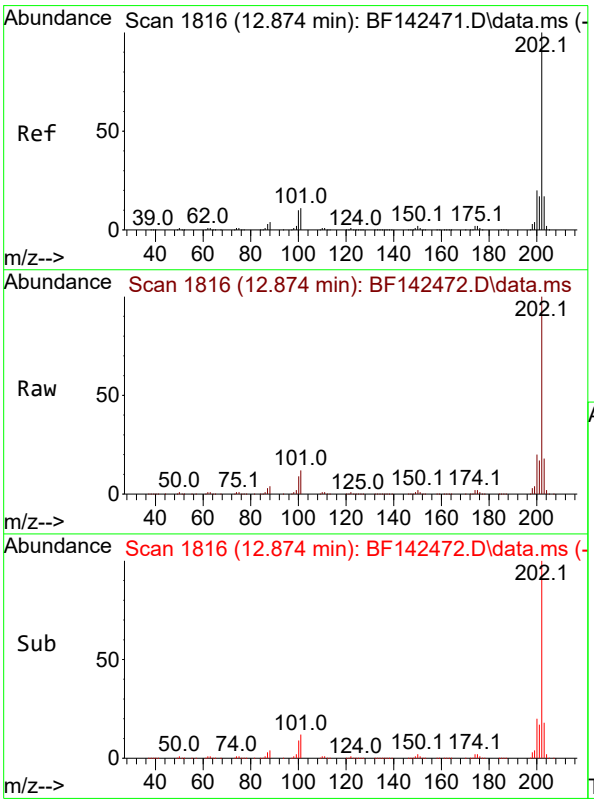
#77
Benzidine
Concen: 54.058 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 301122

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	10.9	9.0	13.4

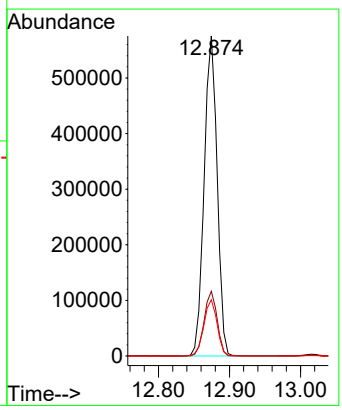


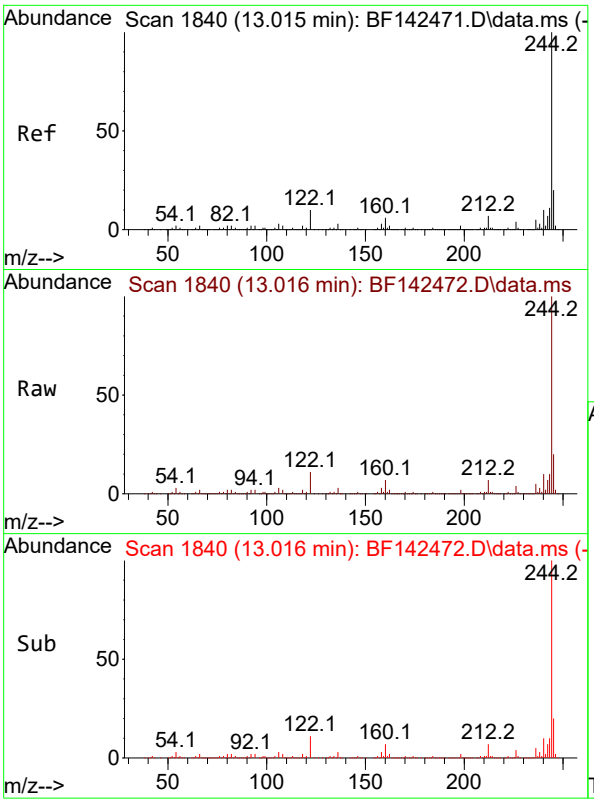


#78
Pyrene
Concen: 52.513 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:202 Resp: 733277

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.5	13.9	20.9



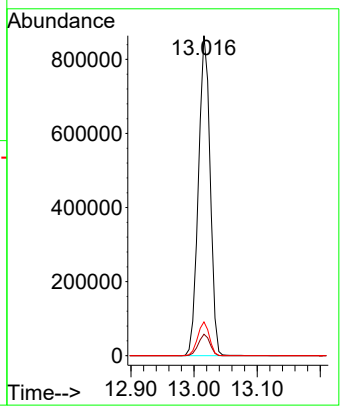


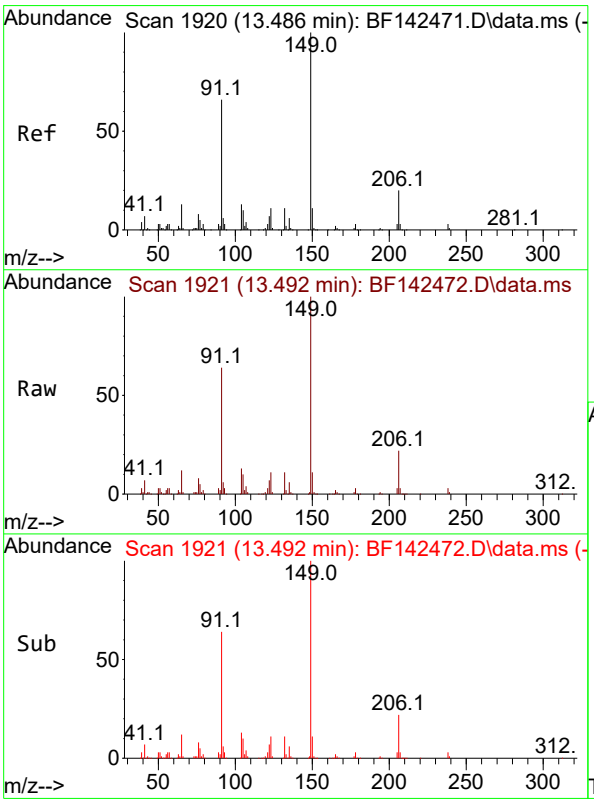
#79
Terphenyl-d14
Concen: 101.951 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1116751

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.5	8.2	12.2

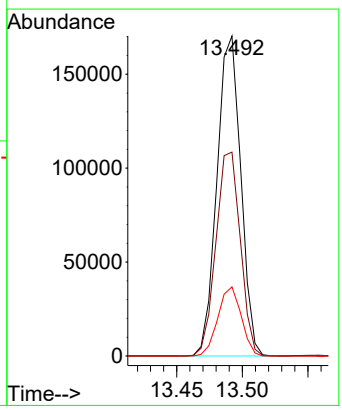


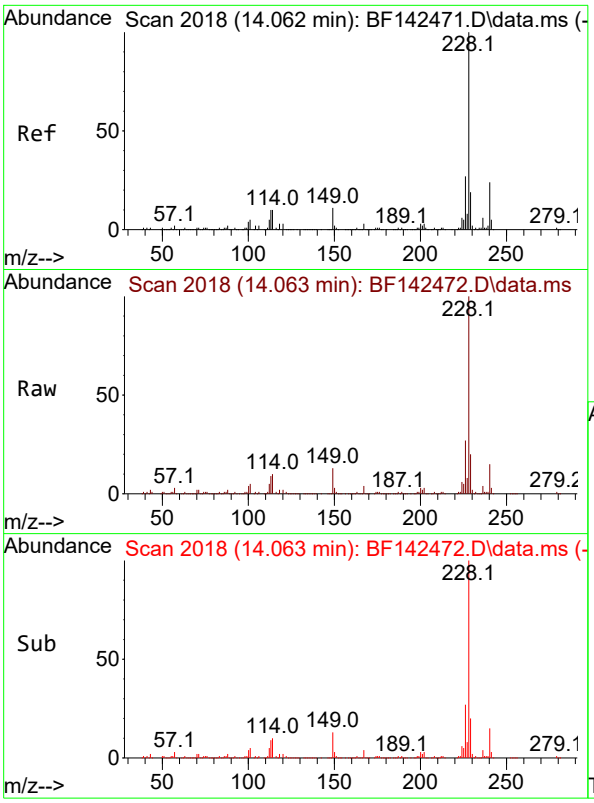


#80
Butylbenzylphthalate
Concen: 55.767 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 215174

Ion	Ratio	Lower	Upper
149	100		
91	63.7	52.9	79.3
206	21.6	16.2	24.2



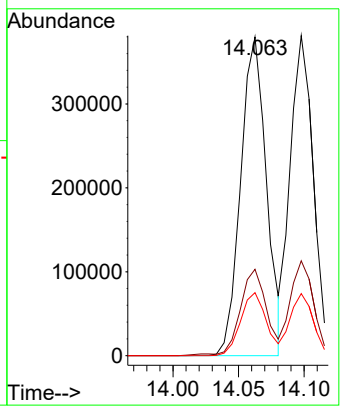


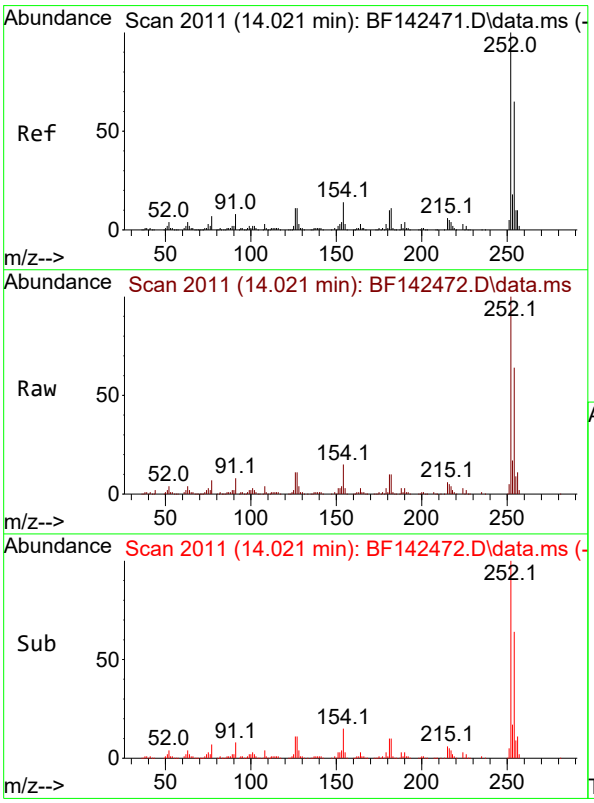
#81
Benzo(a)anthracene
Concen: 52.076 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 520525

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	19.8	15.5	23.3

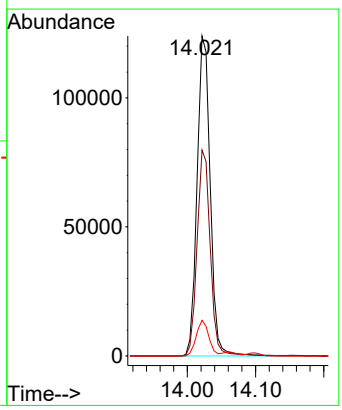


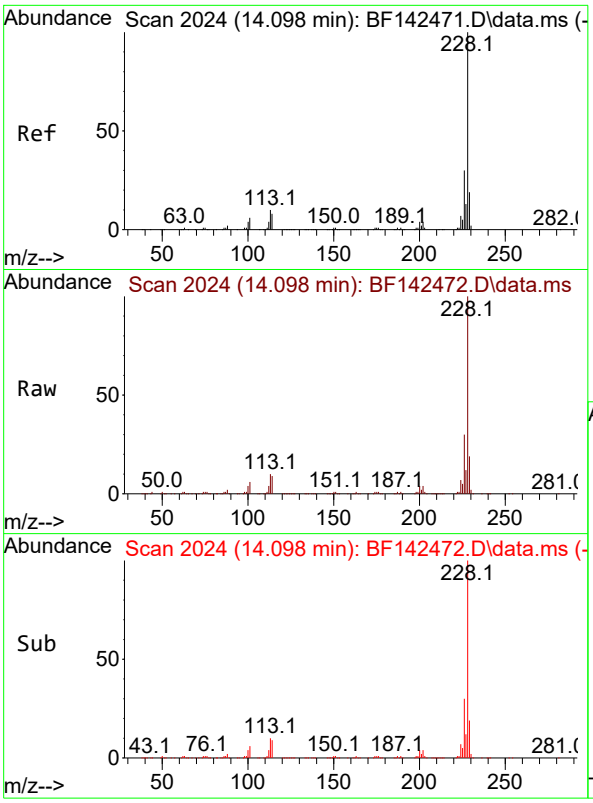


#82
3,3'-Dichlorobenzidine
Concen: 54.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 166223

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	11.2	8.9	13.3



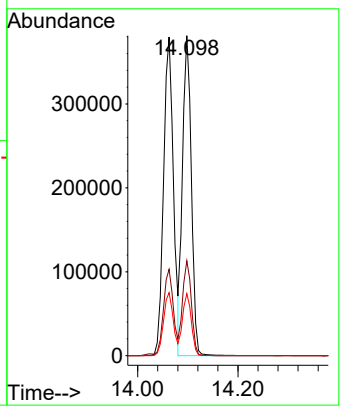


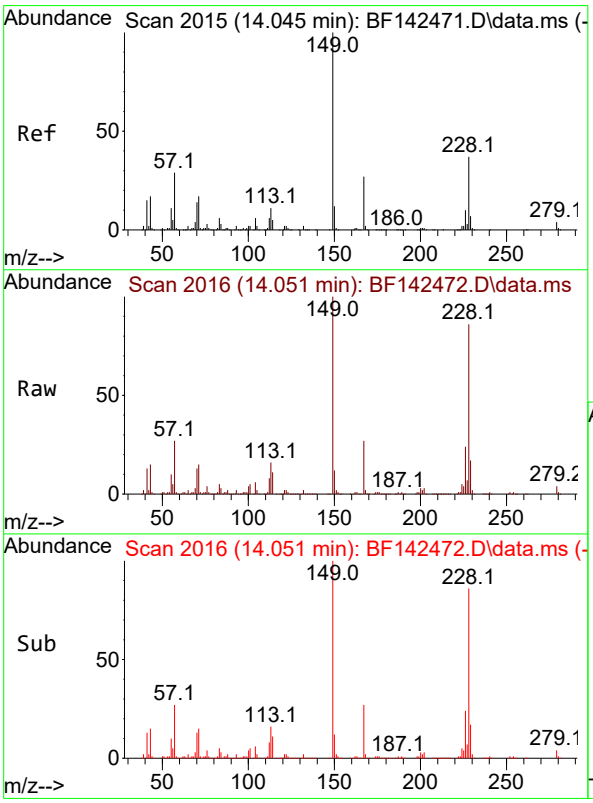
#83
Chrysene
Concen: 52.273 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 469491

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.4	15.4	23.2

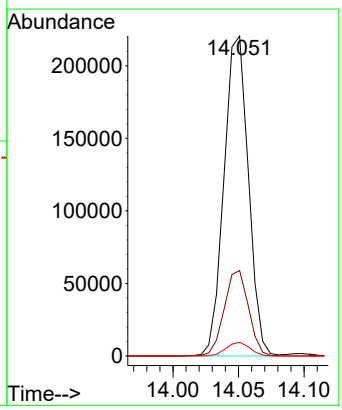


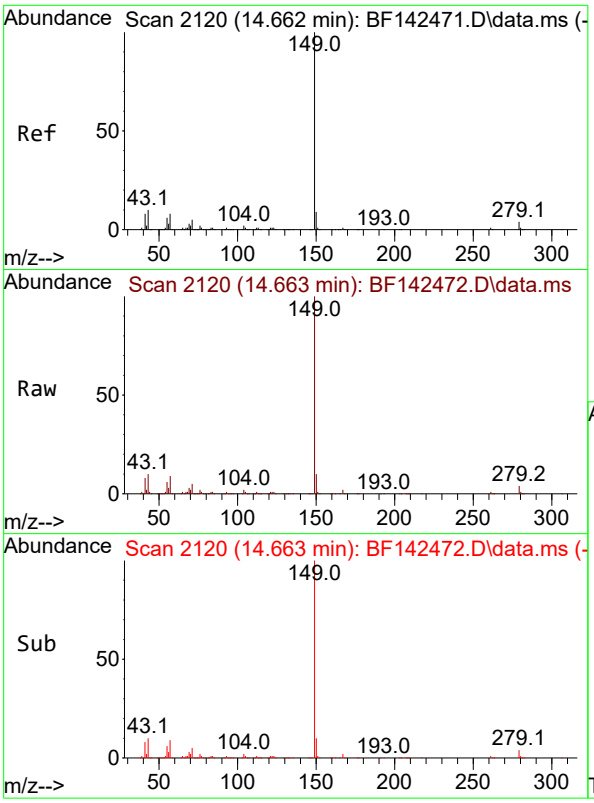


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.932 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 286151

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.5	32.3
279	4.3	3.2	4.8



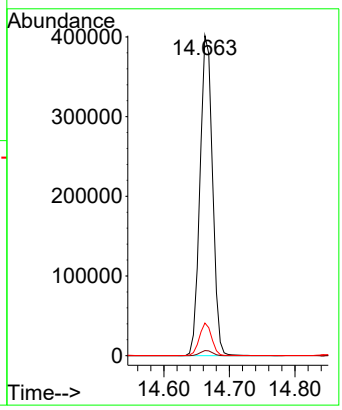


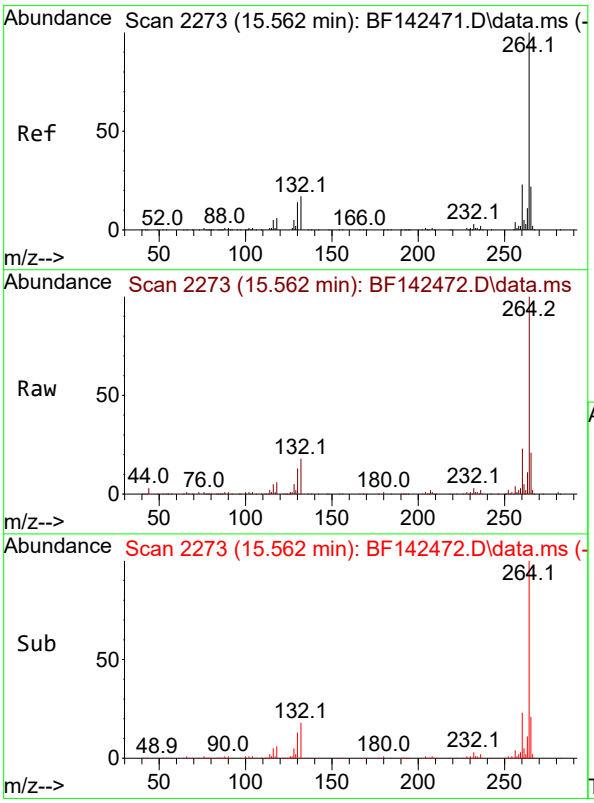
#85
Di-n-octyl phthalate
Concen: 55.482 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 535844

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	7.9	11.9

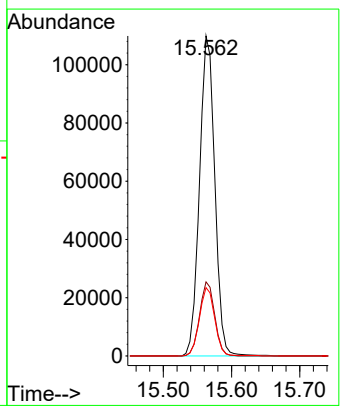


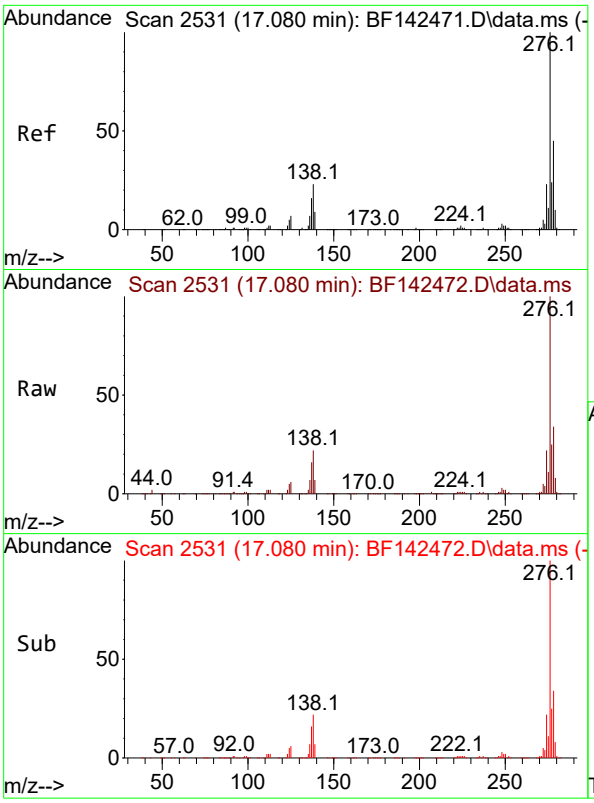


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:264 Resp: 171586

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.7	26.5



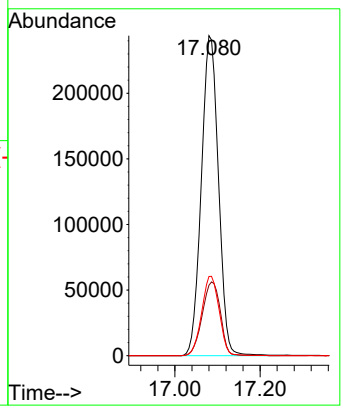


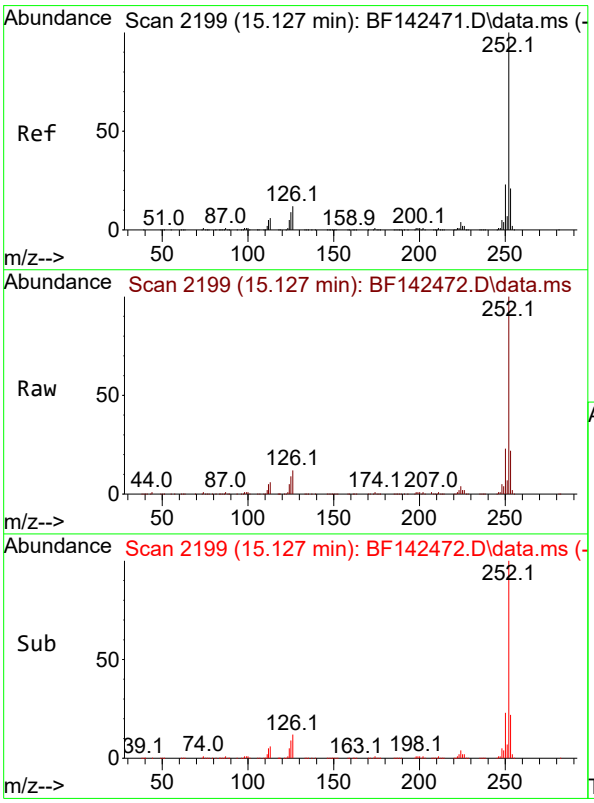
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.730 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 679247

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.9	29.9
277	25.3	20.2	30.2

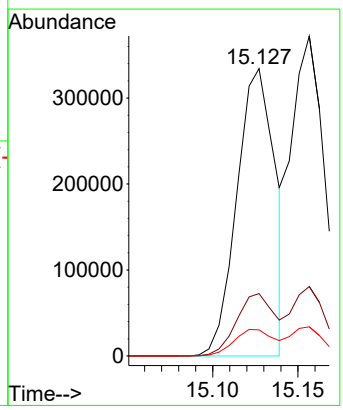


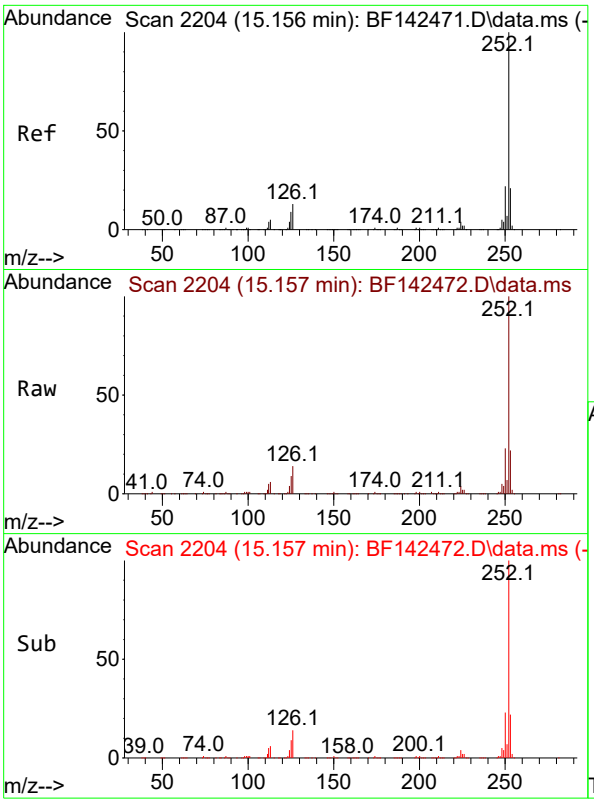


#88
Benzo(b)fluoranthene
Concen: 51.062 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 518544

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.1	7.4	11.0



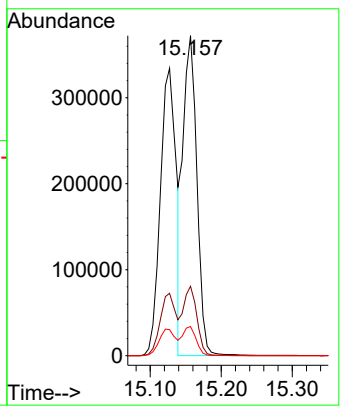


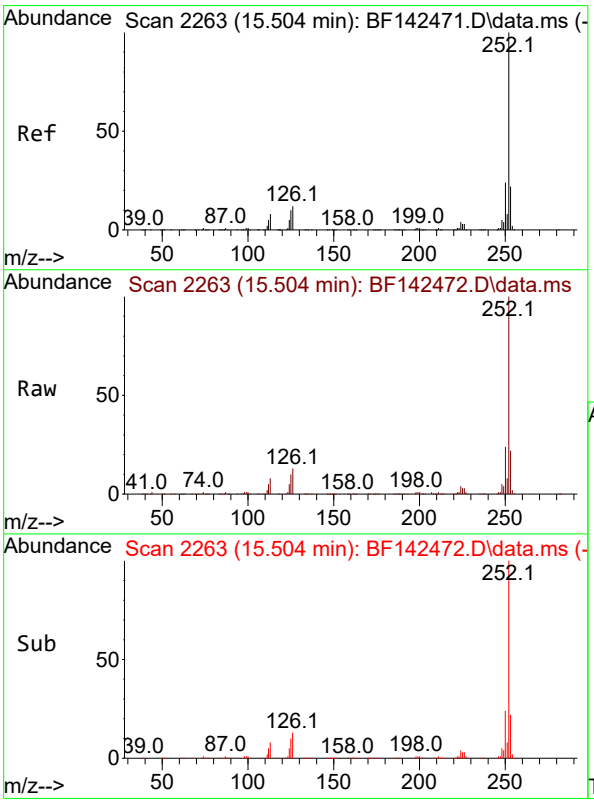
#89
Benzo(k)fluoranthene
Concen: 53.130 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 505348

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.1	7.3	10.9

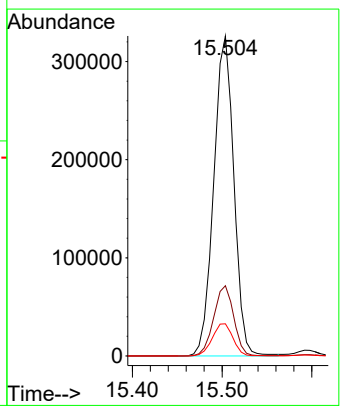


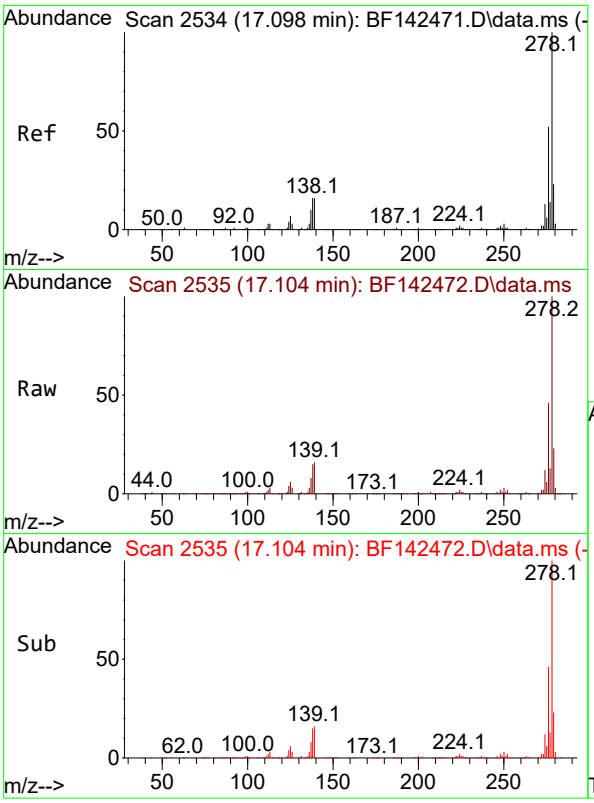


#90
Benzo(a)pyrene
Concen: 53.101 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 508303

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.0	7.9	11.9



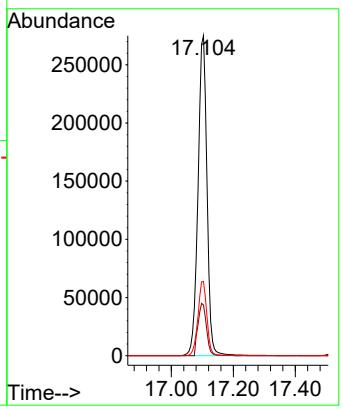


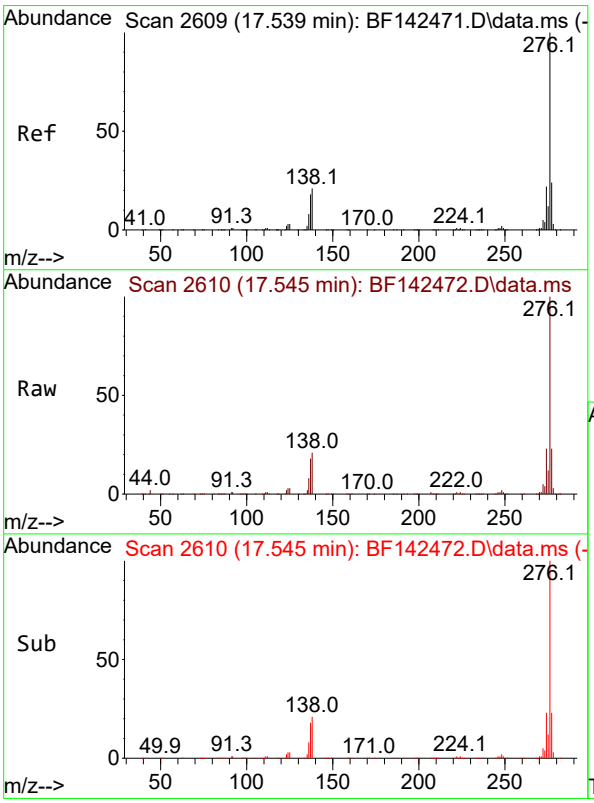
#91
Dibenzo(a,h)anthracene
Concen: 52.964 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 553351

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.2	18.6	28.0

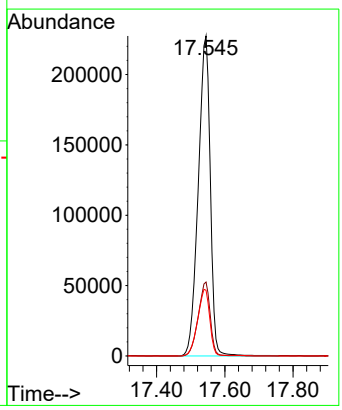




#92
Benzo(g,h,i)perylene
Concen: 53.328 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:276 Resp: 557271

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	20.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	91151	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	354160	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	187285	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	292190	20.000	ng		0.00
76) Chrysene-d12	14.074	240	143579	20.000	ng		0.00
86) Perylene-d12	15.563	264	183052	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	636815	117.703	ng		0.00
7) Phenol-d6	6.528	99	767355	117.823	ng		0.00
23) Nitrobenzene-d5	7.469	82	771758	118.825	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	244491	117.621	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1569136	112.426	ng		0.00
79) Terphenyl-d14	13.016	244	1151893	109.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	132790	61.335	ng		98
3) Pyridine	3.440	79	337570	61.229	ng		99
4) n-Nitrosodimethylamine	3.393	42	178276	62.278	ng		100
6) Aniline	6.563	93	522409	59.656	ng		99
8) 2-Chlorophenol	6.687	128	351459	59.640	ng		99
9) Benzaldehyde	6.451	77	207213	52.898	ng		99
10) Phenol	6.545	94	436789	59.604	ng		95
11) bis(2-Chloroethyl)ether	6.640	93	316232	59.948	ng		100
12) 1,3-Dichlorobenzene	6.845	146	384777	58.514	ng		99
13) 1,4-Dichlorobenzene	6.922	146	390981	59.027	ng		99
14) 1,2-Dichlorobenzene	7.075	146	370996	58.534	ng		99
15) Benzyl Alcohol	7.040	79	293457	60.973	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	519064	58.593	ng		99
17) 2-Methylphenol	7.151	107	277466	60.306	ng		99
18) Hexachloroethane	7.416	117	135953	58.780	ng		99
19) n-Nitroso-di-n-propyla...	7.322	70	236814	58.671	ng		98
20) 3+4-Methylphenols	7.304	107	341788	58.010	ng	#	87
22) Acetophenone	7.316	105	454226	57.937	ng		99
24) Nitrobenzene	7.487	77	351378	59.984	ng		98
25) Isophorone	7.728	82	644818	59.381	ng		99
26) 2-Nitrophenol	7.798	139	193662	61.872	ng		98
27) 2,4-Dimethylphenol	7.834	122	331159	59.994	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	398177	58.699	ng		99
29) 2,4-Dichlorophenol	8.045	162	300754	59.913	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	318487	58.460	ng		99
31) Naphthalene	8.210	128	1012926	58.085	ng		99
32) Benzoic acid	7.957	122	221962	66.059	ng		99
33) 4-Chloroaniline	8.257	127	421281	59.619	ng		99
34) Hexachlorobutadiene	8.328	225	203527	59.831	ng		99
35) Caprolactam	8.634	113	82688	58.650	ng		100
36) 4-Chloro-3-methylphenol	8.734	107	305341	59.352	ng		99
37) 2-Methylnaphthalene	8.898	142	635148	57.893	ng		100
38) 1-Methylnaphthalene	8.998	142	649652	57.247	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	321732	59.844	ng		99
41) Hexachlorocyclopentadiene	9.051	237	238708	65.820	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	217868	60.098	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

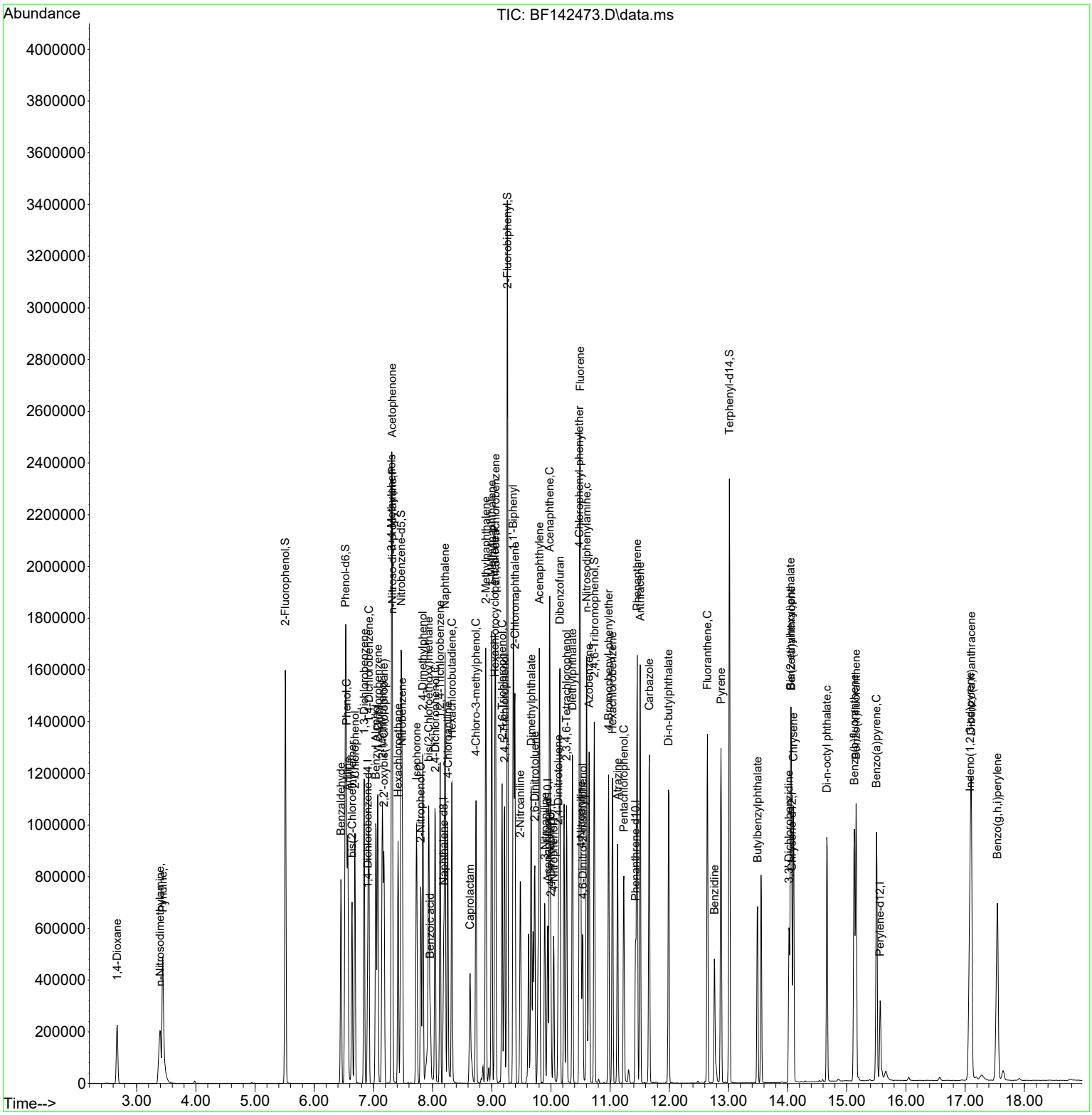
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	229079	59.916	ng	99
46) 1,1'-Biphenyl	9.363	154	846783	58.279	ng	99
47) 2-Chloronaphthalene	9.392	162	630647	58.746	ng	99
48) 2-Nitroaniline	9.481	65	186466	60.093	ng	98
49) Acenaphthylene	9.804	152	1058826	58.411	ng	100
50) Dimethylphthalate	9.669	163	705857	57.119	ng	100
51) 2,6-Dinitrotoluene	9.728	165	157884	59.195	ng	99
52) Acenaphthene	9.981	154	643773	58.160	ng	99
53) 3-Nitroaniline	9.898	138	171137	58.746	ng	99
54) 2,4-Dinitrophenol	9.998	184	89741	65.126	ng	88
55) Dibenzofuran	10.151	168	918703	57.677	ng	100
56) 4-Nitrophenol	10.045	139	128501	59.782	ng	96
57) 2,4-Dinitrotoluene	10.128	165	209035	60.012	ng	100
58) Fluorene	10.492	166	695462	56.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	187067	58.609	ng	98
60) Diethylphthalate	10.363	149	684259	56.695	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343838	56.880	ng	98
62) 4-Nitroaniline	10.510	138	148755	56.302	ng	99
63) Azobenzene	10.645	77	631137	58.221	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	109172	66.950	ng	98
66) n-Nitrosodiphenylamine	10.604	169	608394	60.861	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	212638	61.546	ng	99
68) Hexachlorobenzene	11.039	284	229917	60.168	ng	98
69) Atrazine	11.128	200	158234	59.604	ng	100
70) Pentachlorophenol	11.233	266	137347	63.663	ng	99
71) Phenanthrene	11.457	178	905073	57.961	ng	100
72) Anthracene	11.510	178	918369	57.627	ng	99
73) Carbazole	11.663	167	769151	56.455	ng	100
74) Di-n-butylphthalate	11.986	149	853524	57.234	ng	100
75) Fluoranthene	12.645	202	789533	54.112	ng	99
77) Benzidine	12.763	184	300547	56.251	ng	100
78) Pyrene	12.874	202	763672	57.017	ng	100
80) Butylbenzylphthalate	13.492	149	236758	63.972	ng	97
81) Benzo(a)anthracene	14.063	228	571607	59.620	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	190415	65.480	ng	100
83) Chrysene	14.098	228	526831	61.153	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	334950	70.698	ng	98
85) Di-n-octyl phthalate	14.663	149	664220	71.701	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	848752	61.761	ng	100
88) Benzo(b)fluoranthene	15.127	252	616210	56.878	ng	99
89) Benzo(k)fluoranthene	15.157	252	619660	61.068	ng	98
90) Benzo(a)pyrene	15.504	252	622347	60.943	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	683473	61.321	ng	99
92) Benzo(g,h,i)perylene	17.545	276	683528	61.313	ng	99

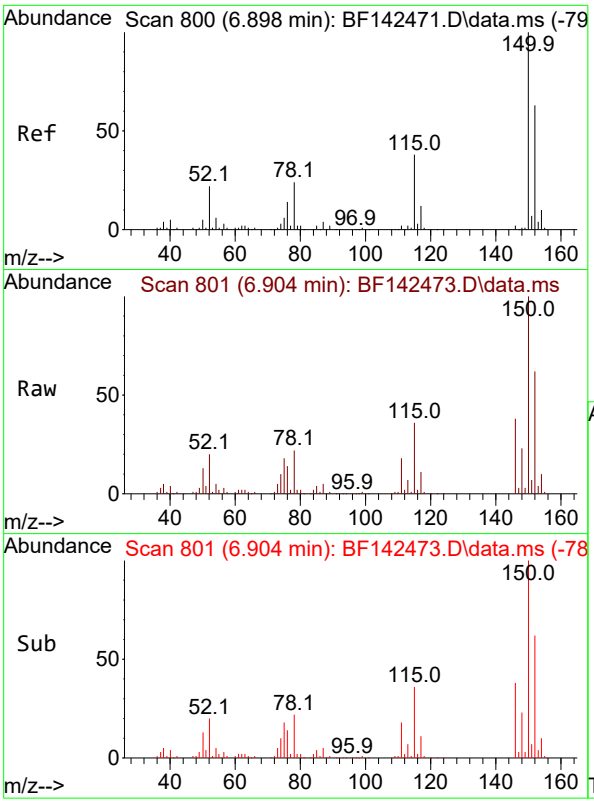
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



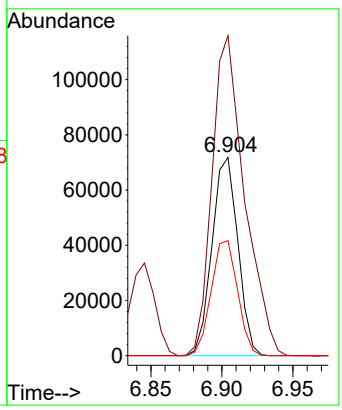


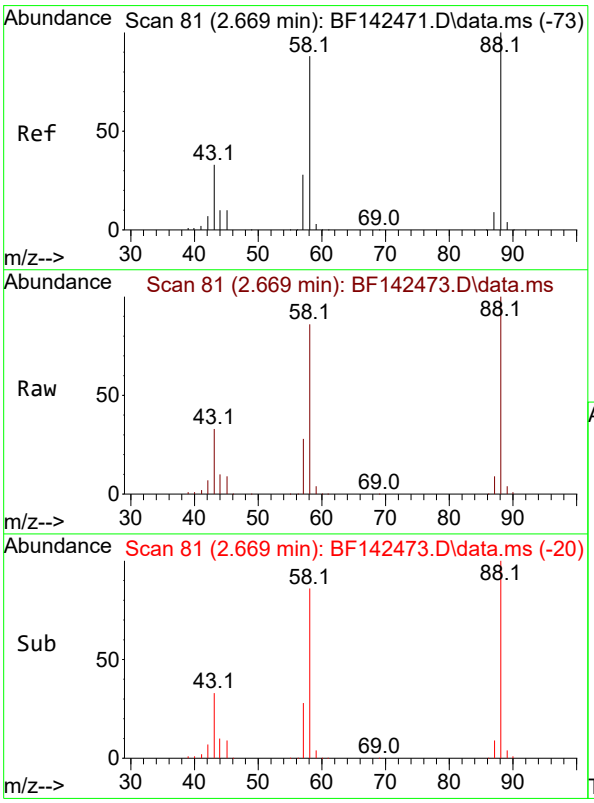
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 91151

Ion	Ratio	Lower	Upper
152	100		
150	161.4	128.2	192.4
115	58.0	48.3	72.5

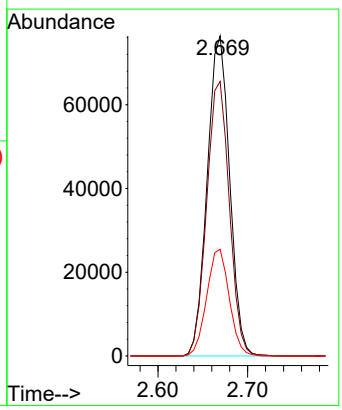


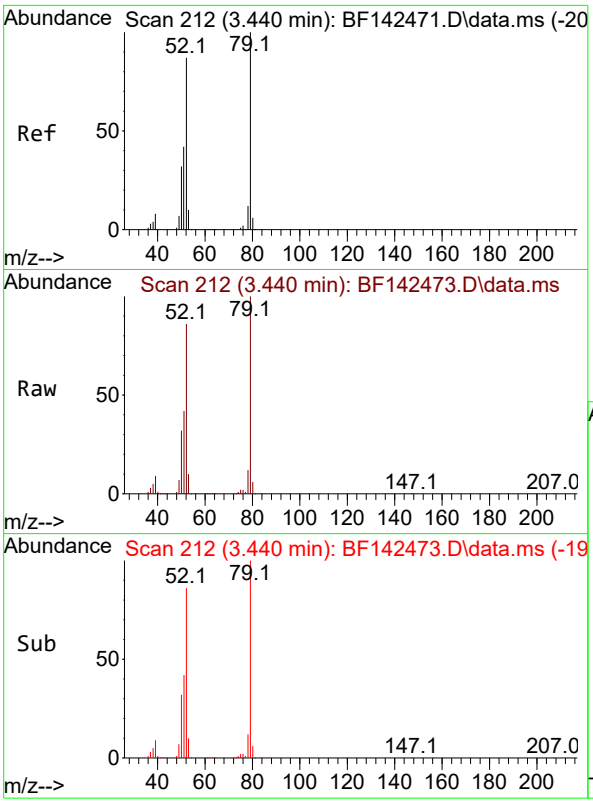


#2
1,4-Dioxane
Concen: 61.335 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 88 Resp: 132790

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.8	106.2
43	33.5	26.6	40.0



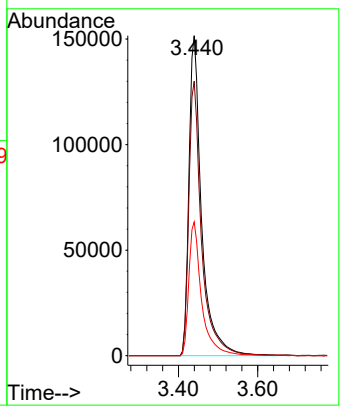


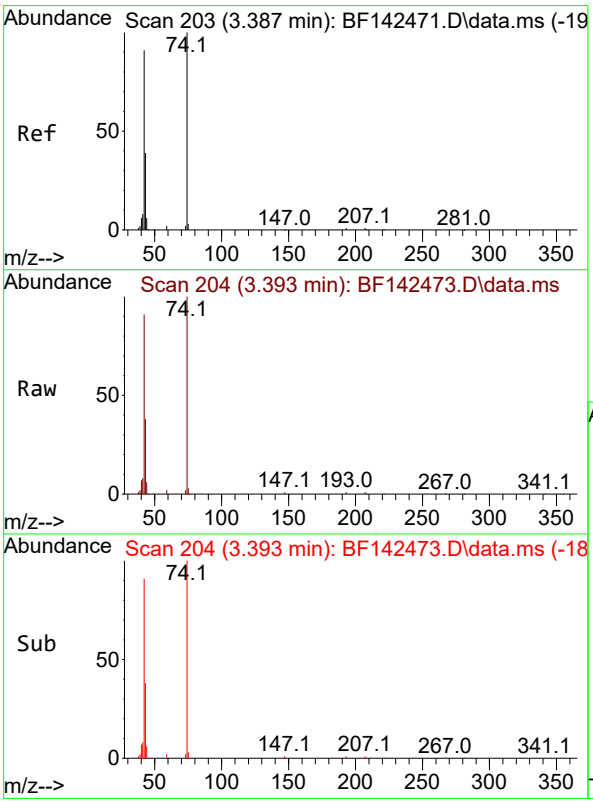
#3
Pyridine
Concen: 61.229 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 337570

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.2	103.8
51	41.8	33.3	49.9

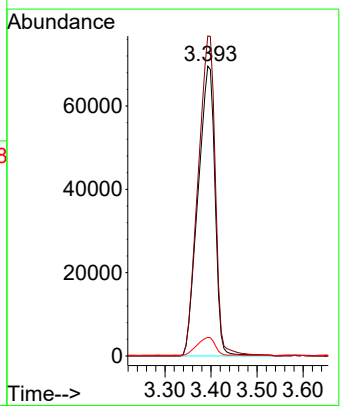


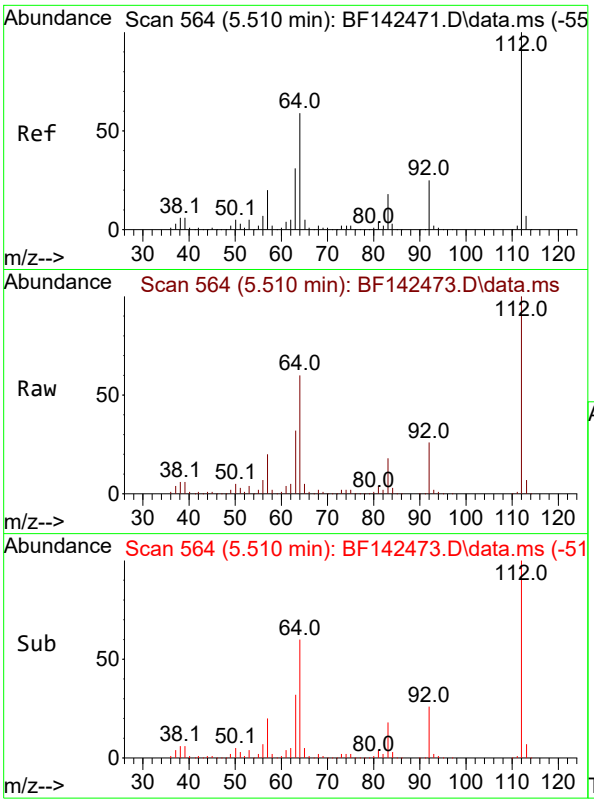


#4
n-Nitrosodimethylamine
Concen: 62.278 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 42 Resp: 178276

Ion	Ratio	Lower	Upper
42	100		
74	110.4	88.2	132.4
44	6.4	5.4	8.2



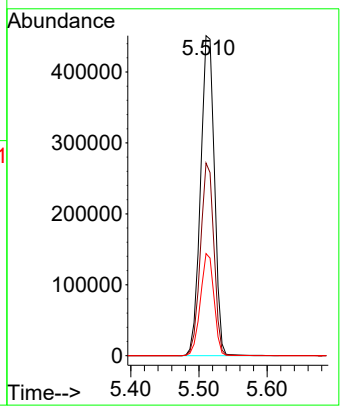


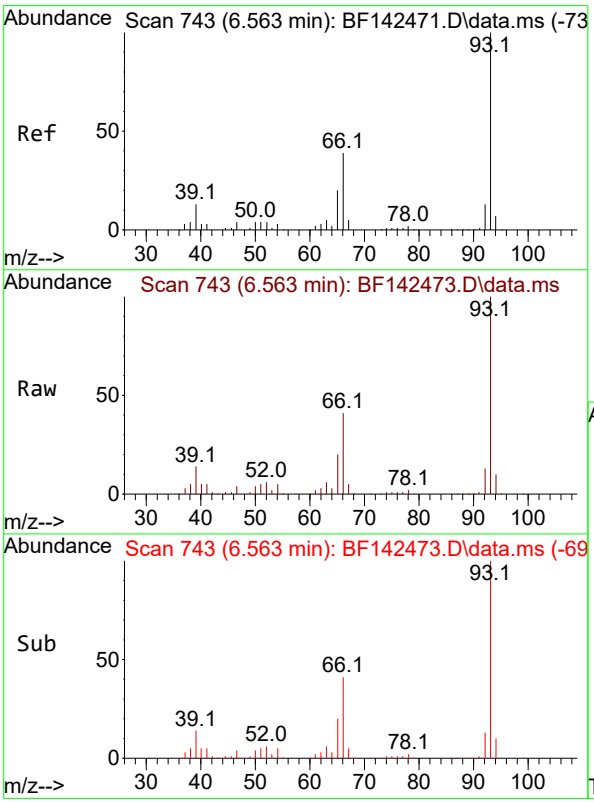
#5
2-Fluorophenol
Concen: 117.703 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 636815

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.5	71.3
63	31.9	24.9	37.3

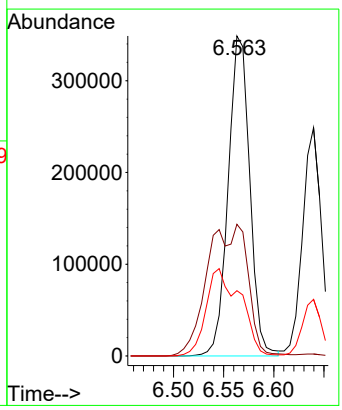


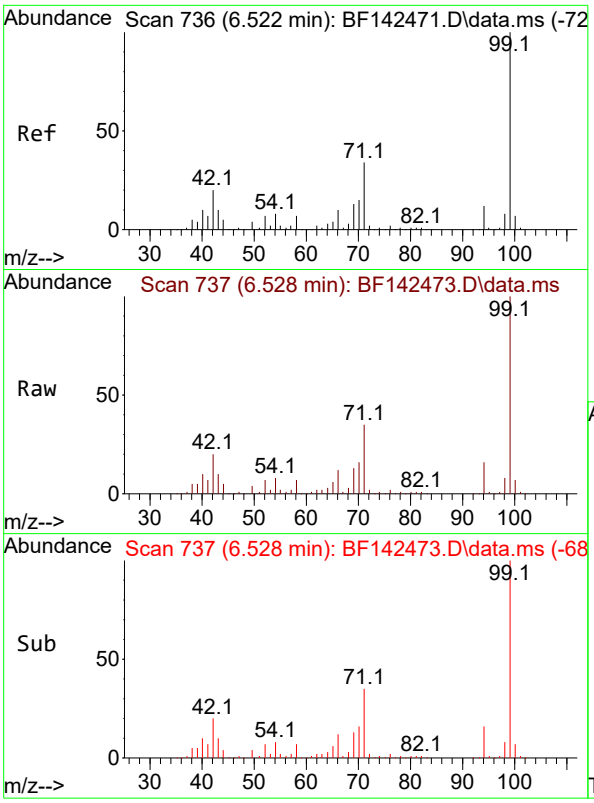


#6
Aniline
Concen: 59.656 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 522409

Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.0	48.0
65	20.4	16.1	24.1



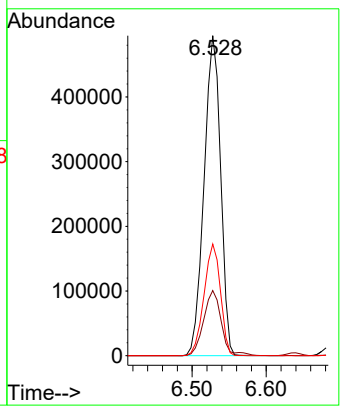


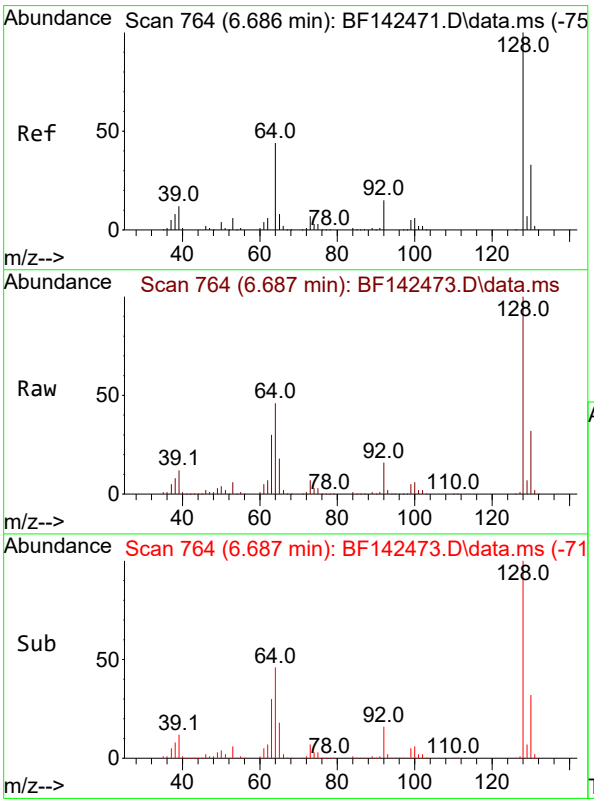
#7
Phenol-d6
Concen: 117.823 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 767355

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.2
71	34.9	27.3	40.9

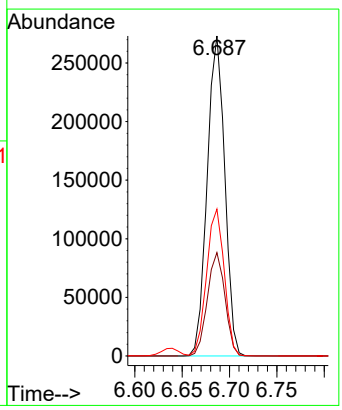


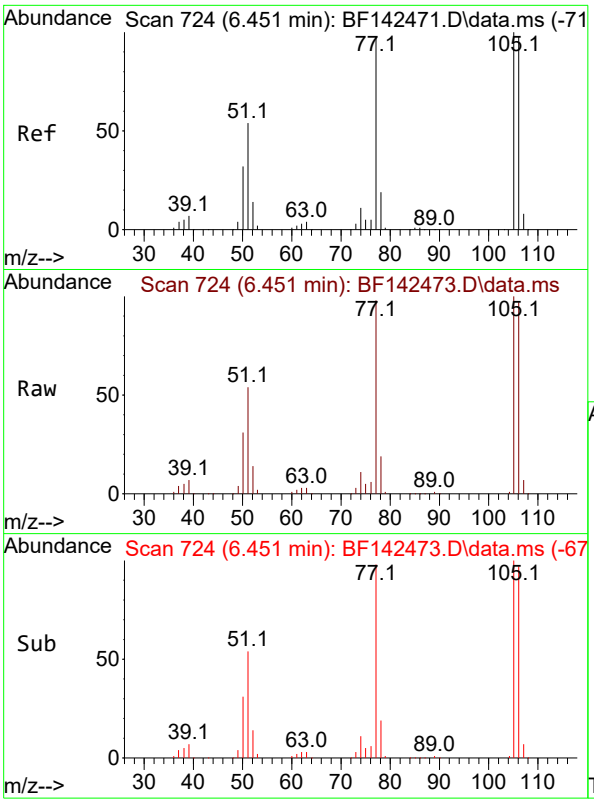


#8
2-Chlorophenol
Concen: 59.640 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:128 Resp: 351459

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	45.9	25.1	65.1



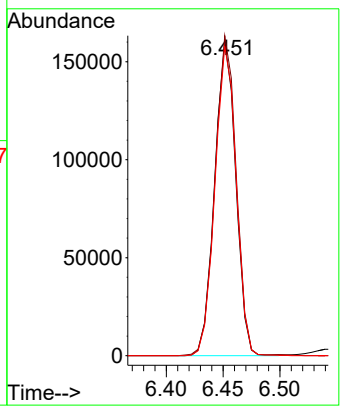


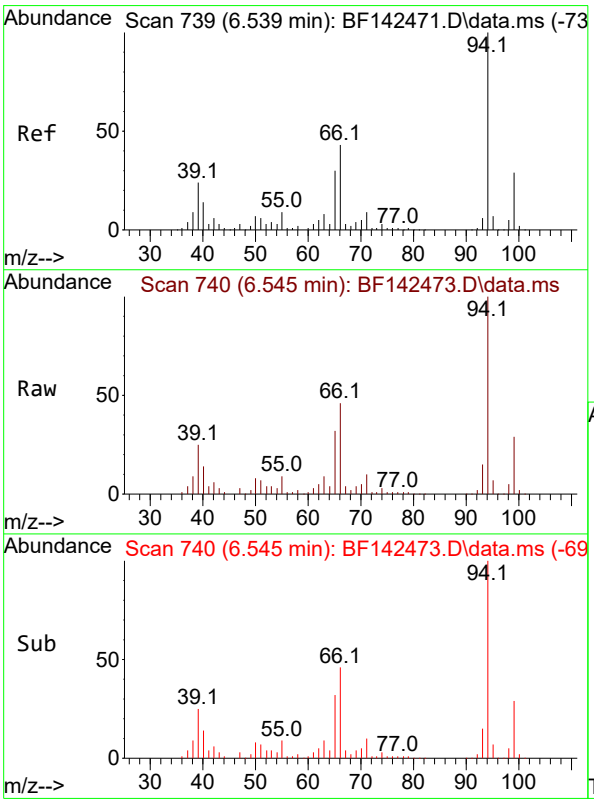
#9
Benzaldehyde
Concen: 52.898 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 207213

Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.5	122.5
106	98.3	80.0	120.0

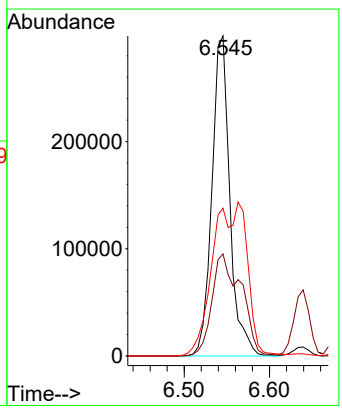


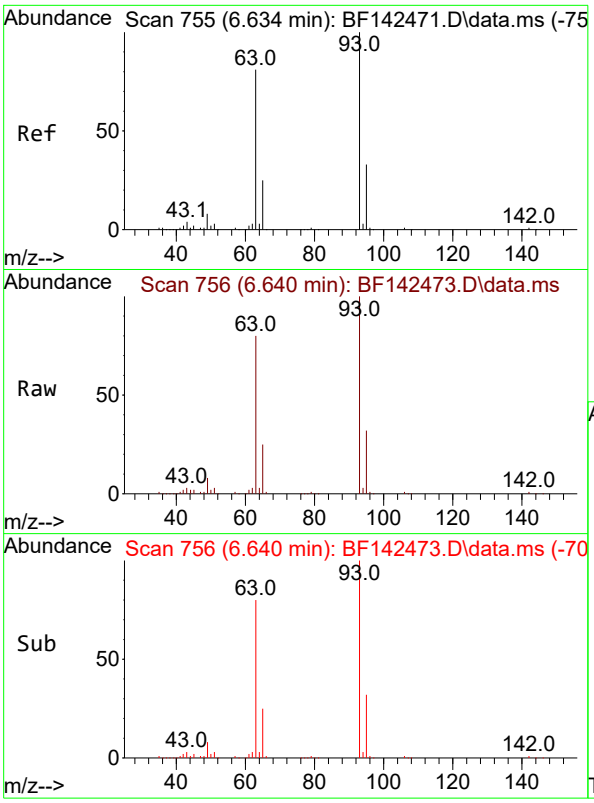


#10
Phenol
Concen: 59.604 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 94 Resp: 436789

Ion	Ratio	Lower	Upper
94	100		
65	31.9	10.3	50.3
66	46.2	22.6	62.6



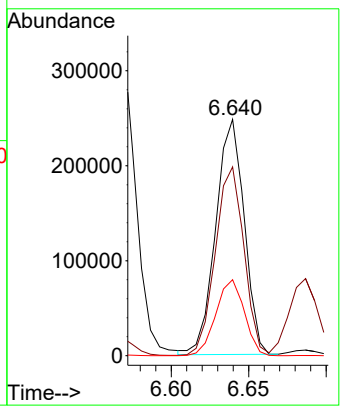


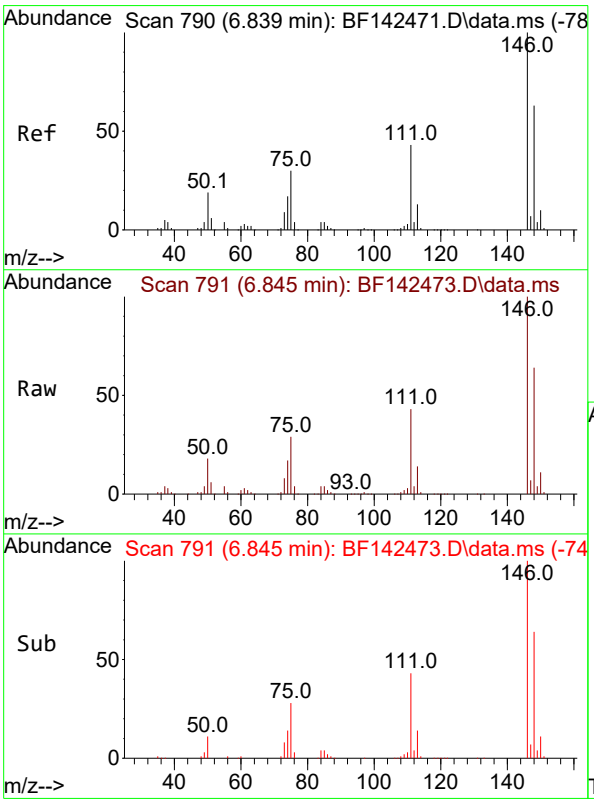
#11
bis(2-Chloroethyl)ether
Concen: 59.948 ng
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 316232

Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.2	100.2
95	32.2	12.3	52.3

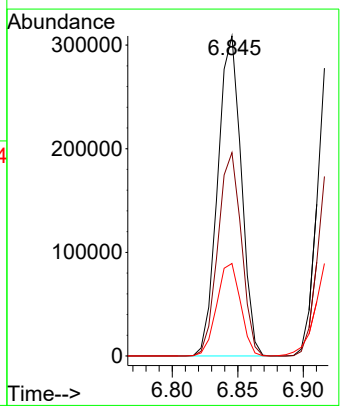


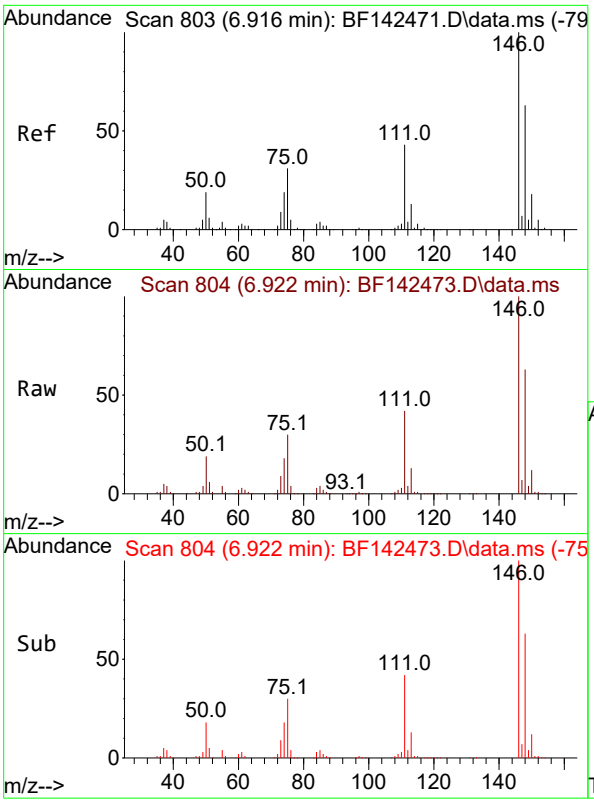


#12
1,3-Dichlorobenzene
Concen: 58.514 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:146 Resp: 384777

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	28.9	23.8	35.6



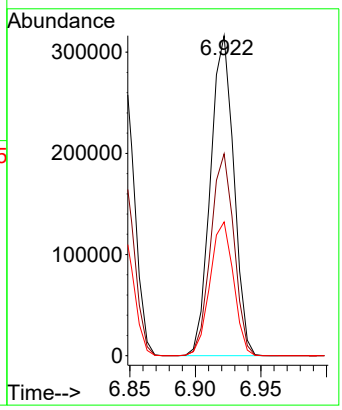


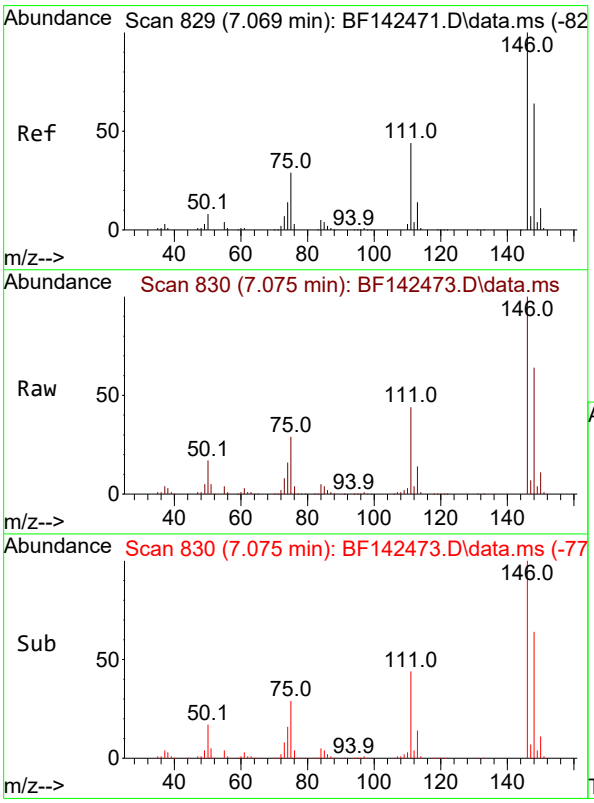
#13
1,4-Dichlorobenzene
Concen: 59.027 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 390981

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	41.8	34.1	51.1

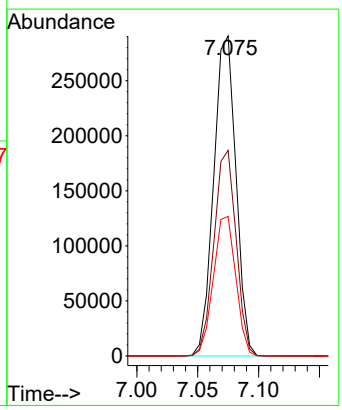


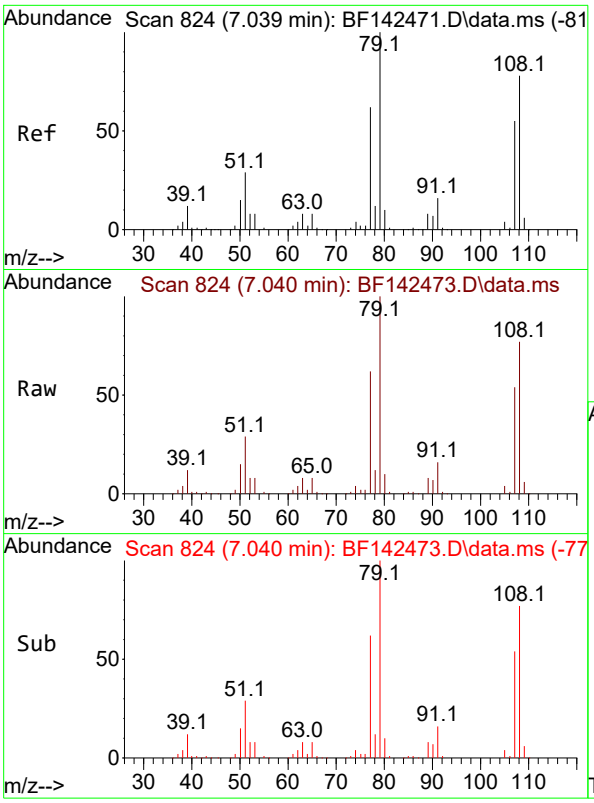


#14
1,2-Dichlorobenzene
Concen: 58.534 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:146 Resp: 370996

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	43.6	35.0	52.6



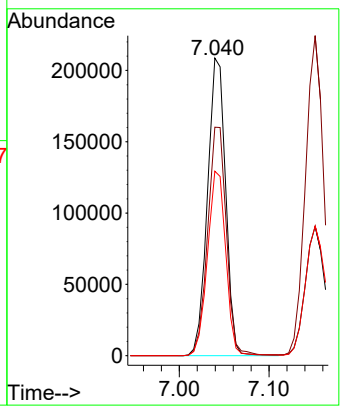


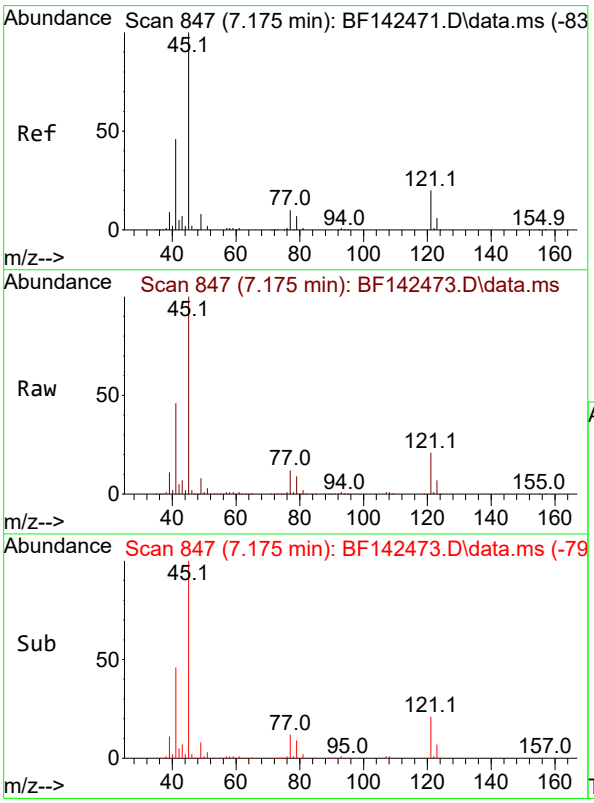
#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 293457

Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.1	93.1
77	62.0	49.5	74.3

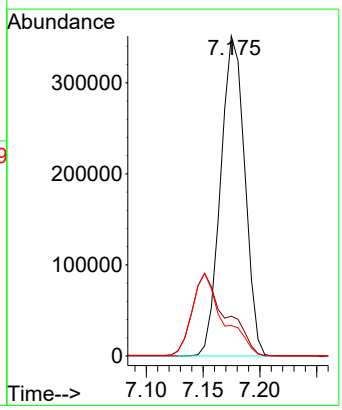


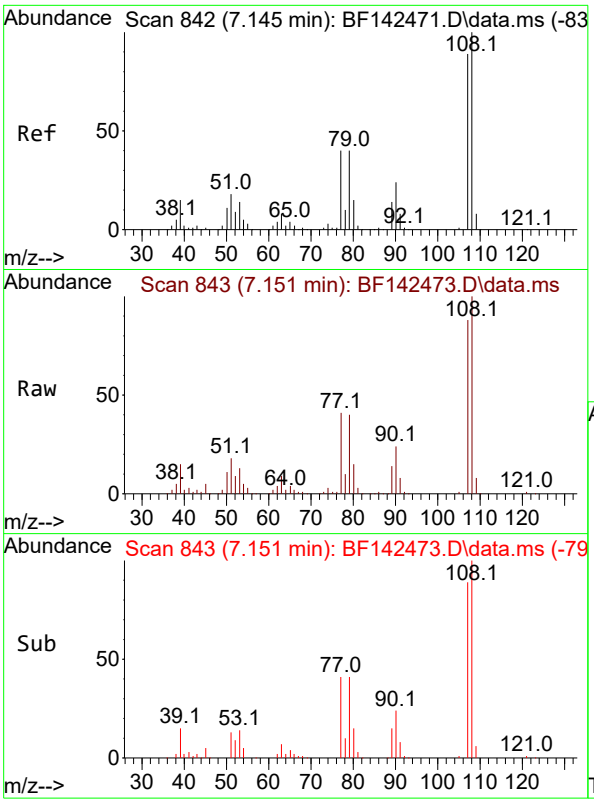


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.593 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 45 Resp: 519064

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.0
79	9.5	0.0	29.2



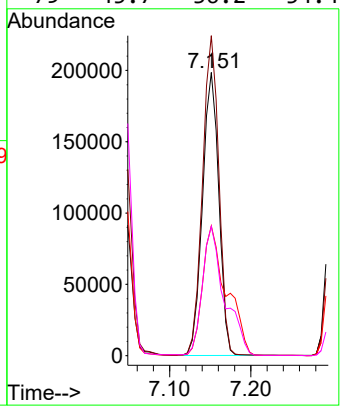


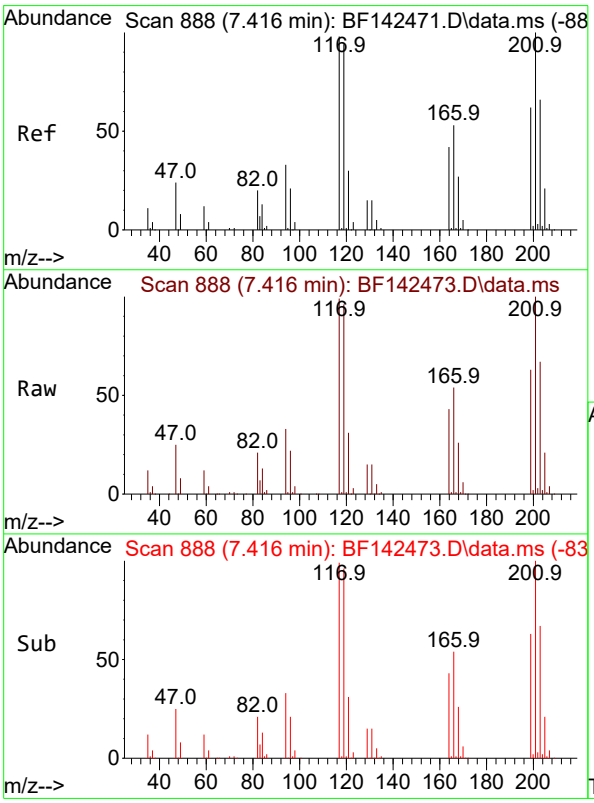
#17
2-Methylphenol
Concen: 60.306 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 277466

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.2
77	45.8	36.1	54.1
79	45.7	36.2	54.4

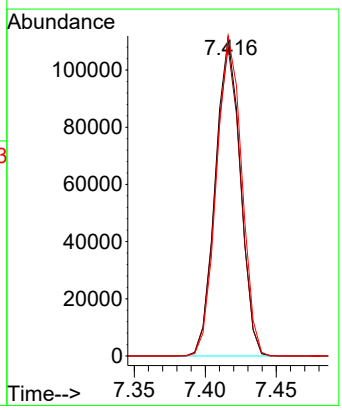


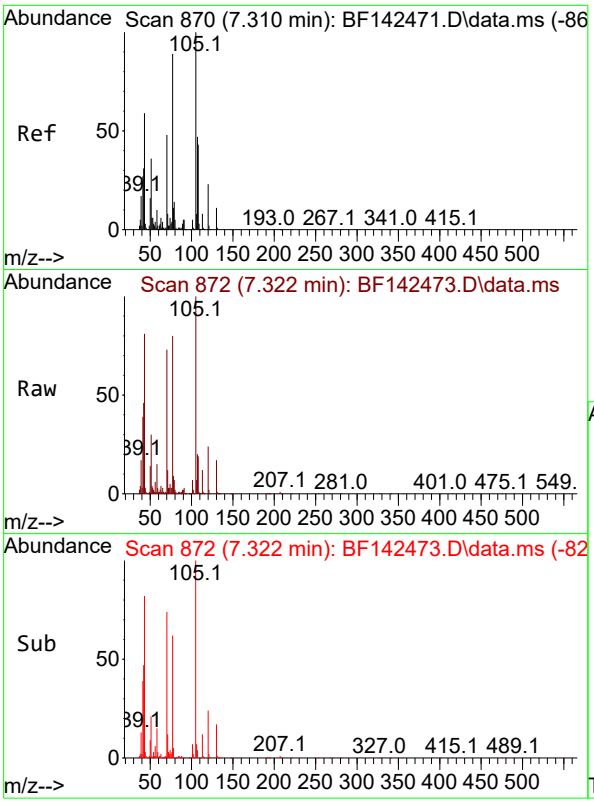


#18
Hexachloroethane
Concen: 58.780 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:117 Resp: 135953

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
201	100.6	81.3	121.9



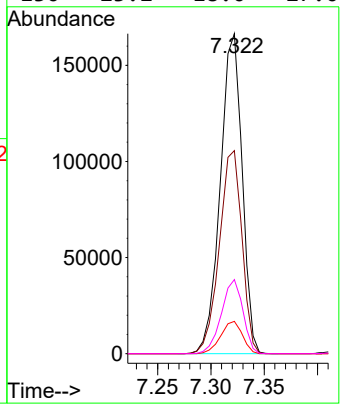


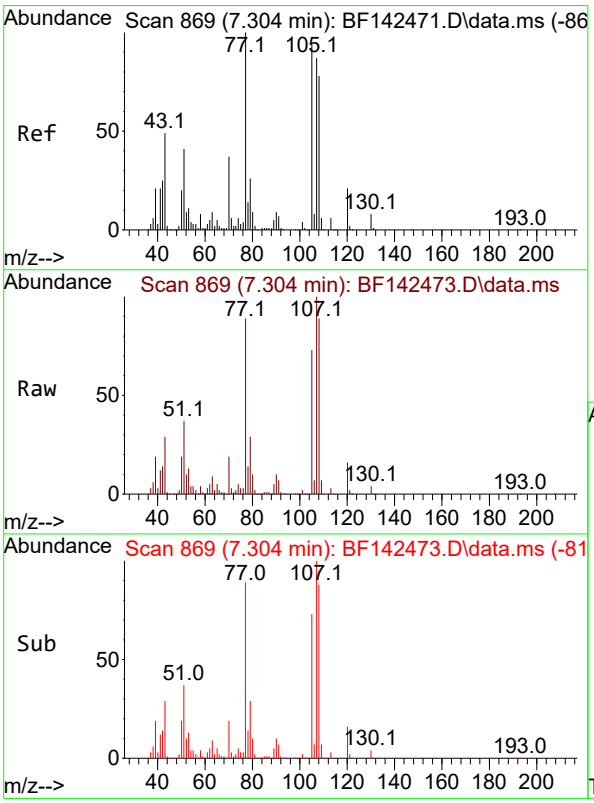
#19
n-Nitroso-di-n-propylamine
Concen: 58.671 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 236814

Ion	Ratio	Lower	Upper
70	100		
42	63.4	52.4	78.6
101	10.1	7.8	11.8
130	23.2	18.0	27.0

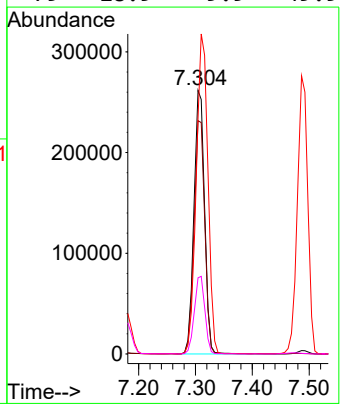


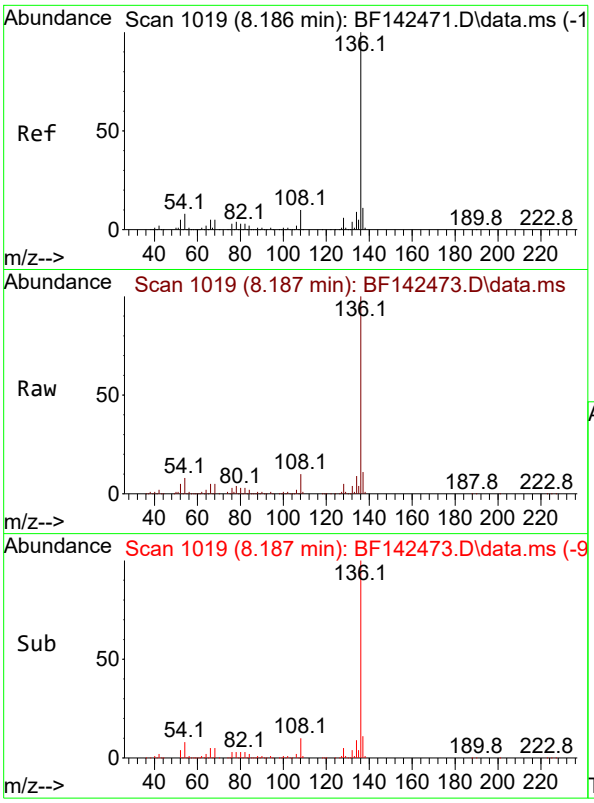


#20
3+4-Methylphenols
Concen: 58.010 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 341788

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.4	110.4
77	89.5	95.4	135.4#
79	28.9	9.9	49.9



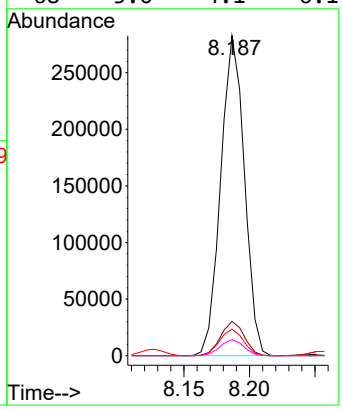


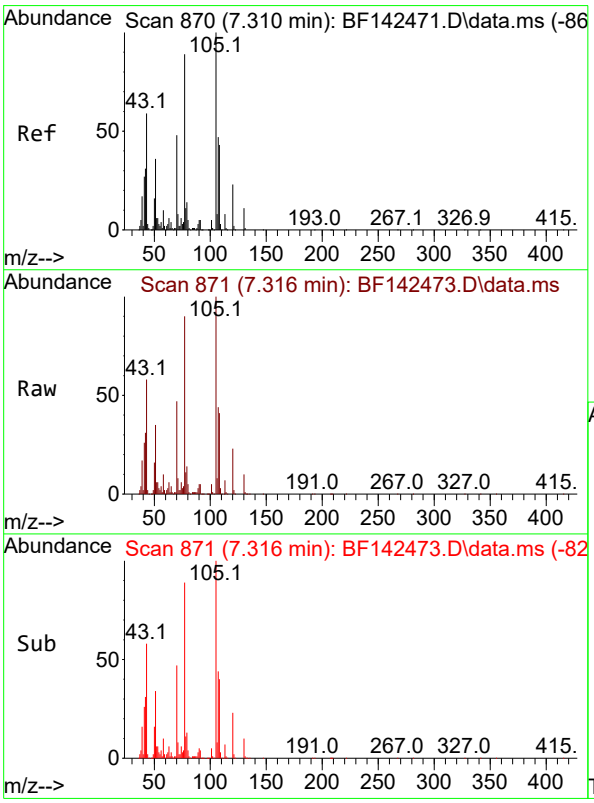
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 354160

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.3	6.6	10.0
68	5.0	4.1	6.1

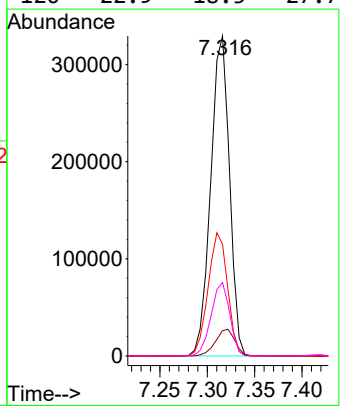


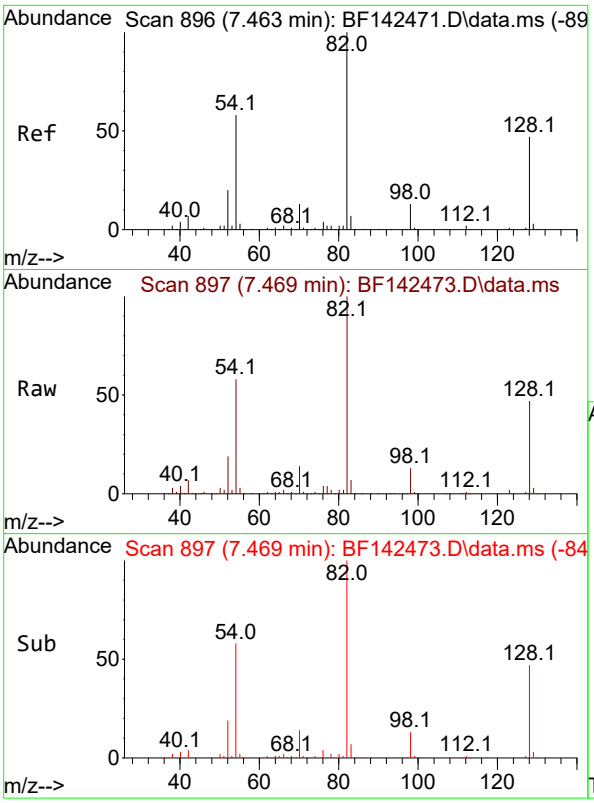


#22
Acetophenone
Concen: 57.937 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:105 Resp: 454226

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.4	9.6
51	34.9	28.6	42.8
120	22.9	18.5	27.7



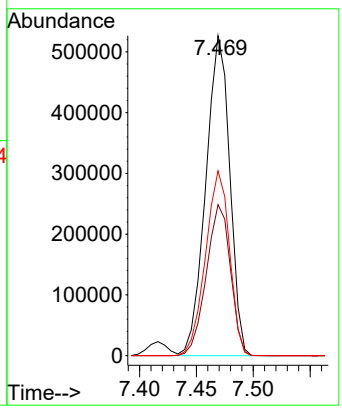


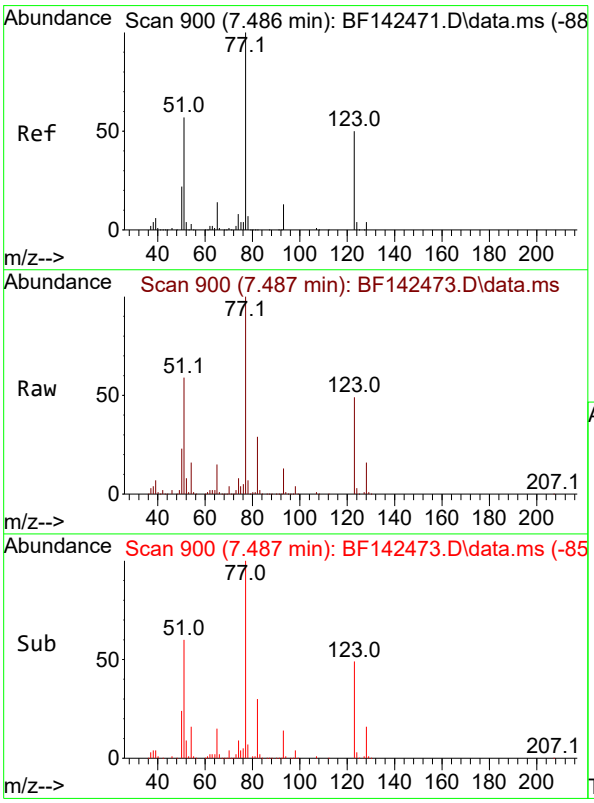
#23
Nitrobenzene-d5
Concen: 118.825 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 771758

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	57.7	46.6	70.0

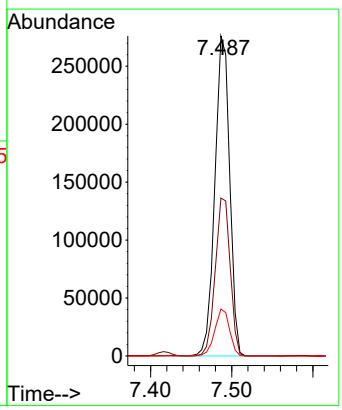


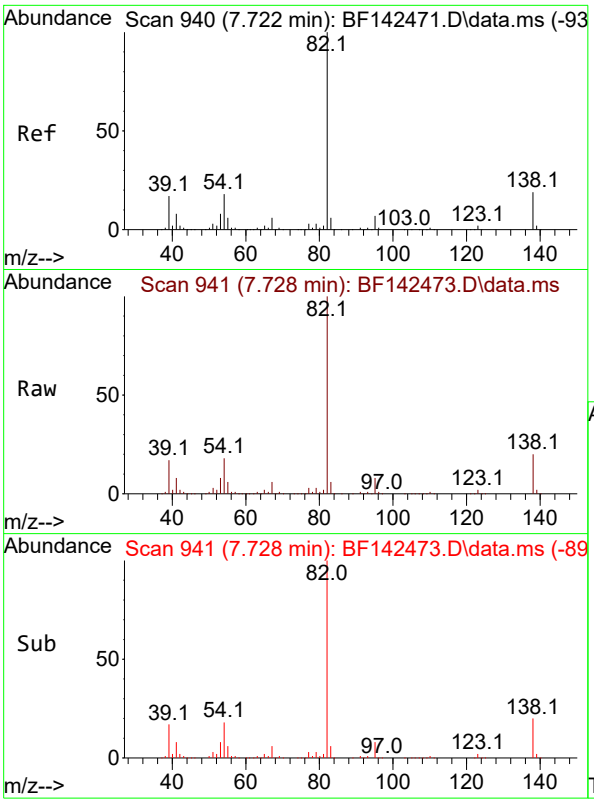


#24
Nitrobenzene
Concen: 59.984 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 77 Resp: 351378

Ion	Ratio	Lower	Upper
77	100		
123	49.4	40.6	61.0
65	14.7	11.4	17.2



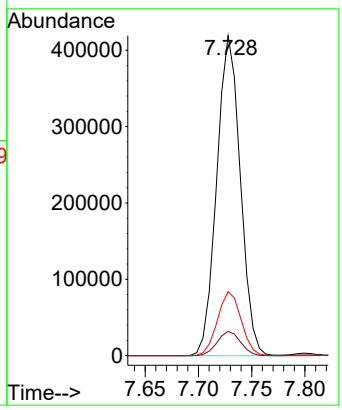


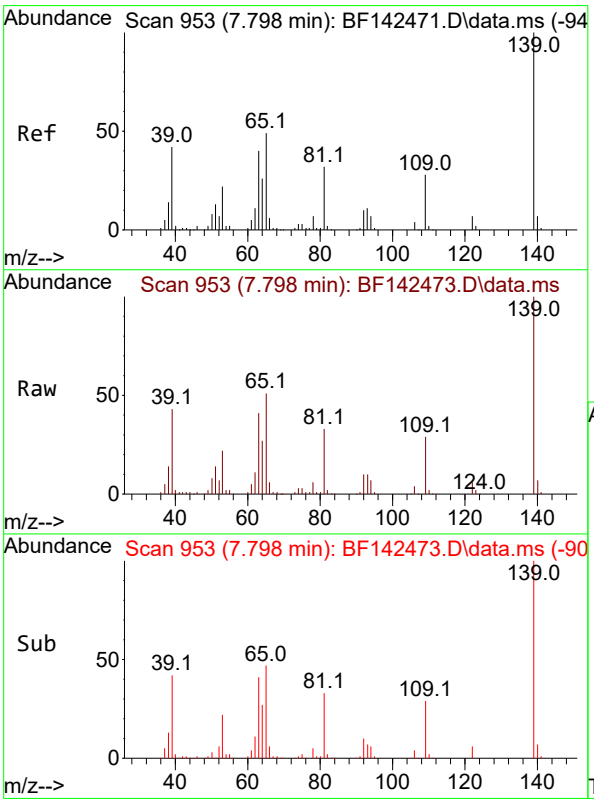
#25
Isophorone
Concen: 59.381 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 644818

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.0	15.5	23.3

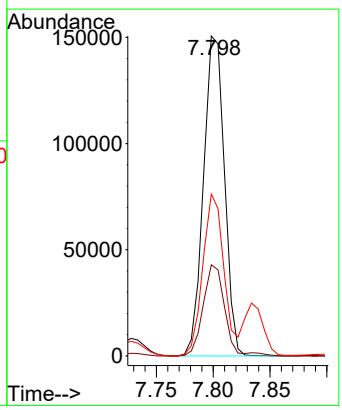


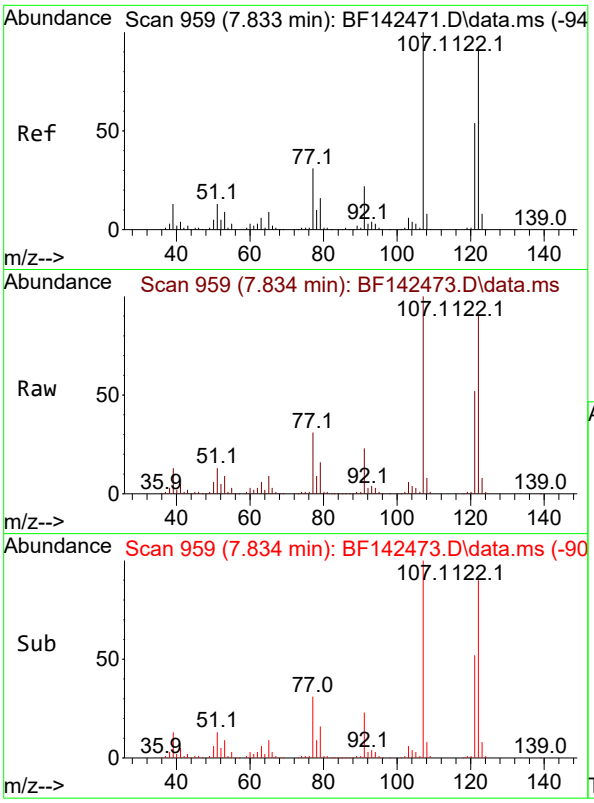


#26
2-Nitrophenol
Concen: 61.872 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:139 Resp: 193662

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.6	33.8
65	50.6	39.4	59.0



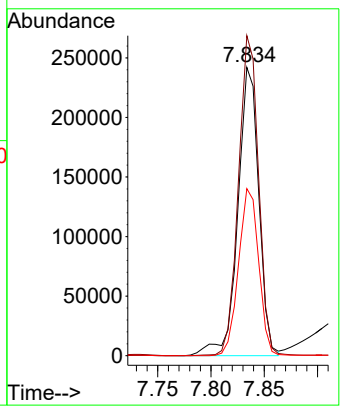


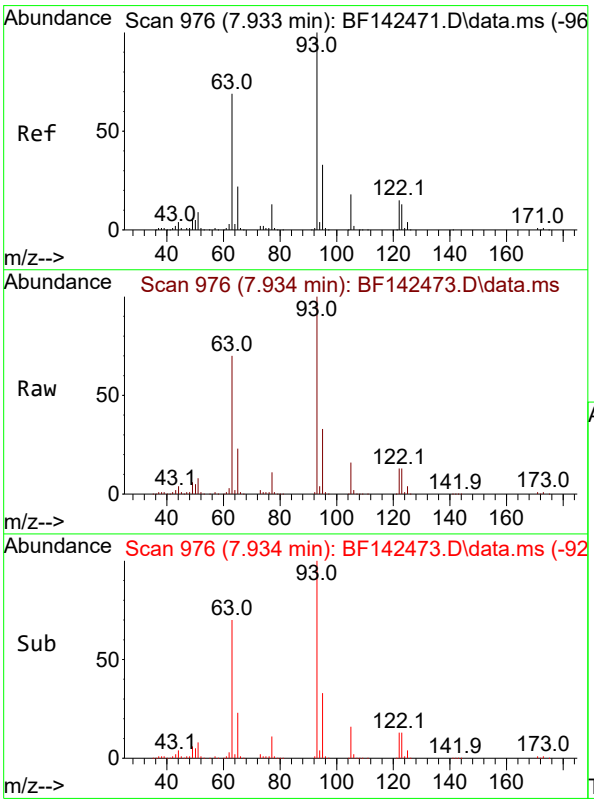
#27
2,4-Dimethylphenol
Concen: 59.994 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 331159

Ion	Ratio	Lower	Upper
122	100		
107	111.0	88.1	132.1
121	57.9	47.3	70.9

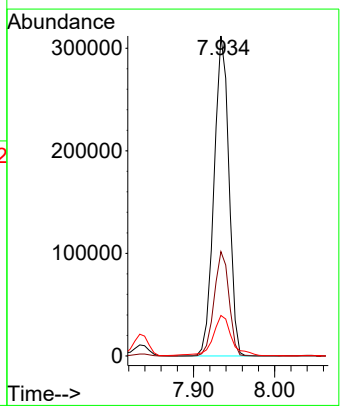


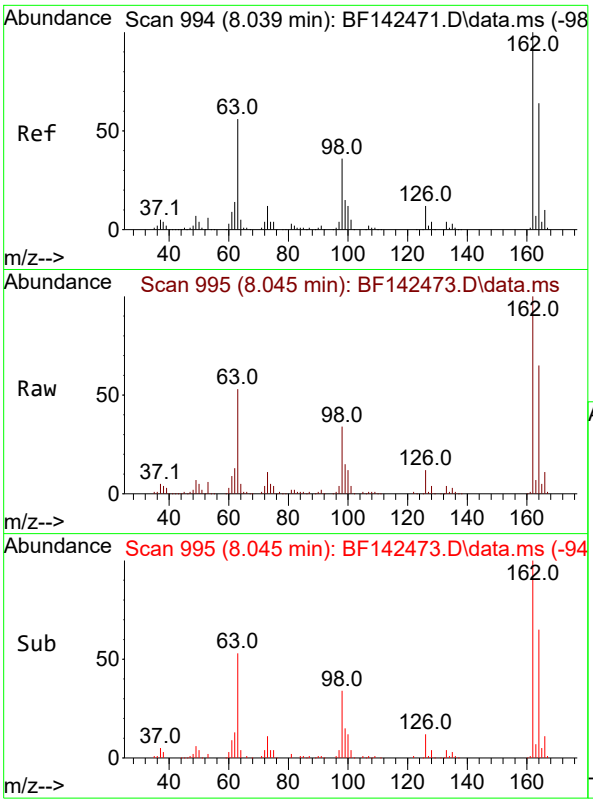


#28
bis(2-Chloroethoxy)methane
Concen: 58.699 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 398177

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.7	10.6	15.8



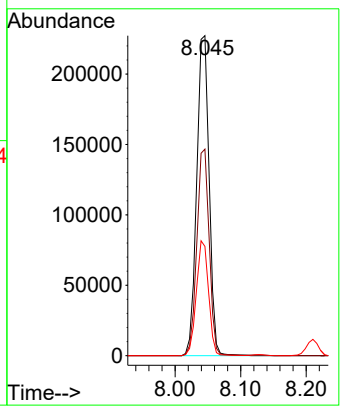


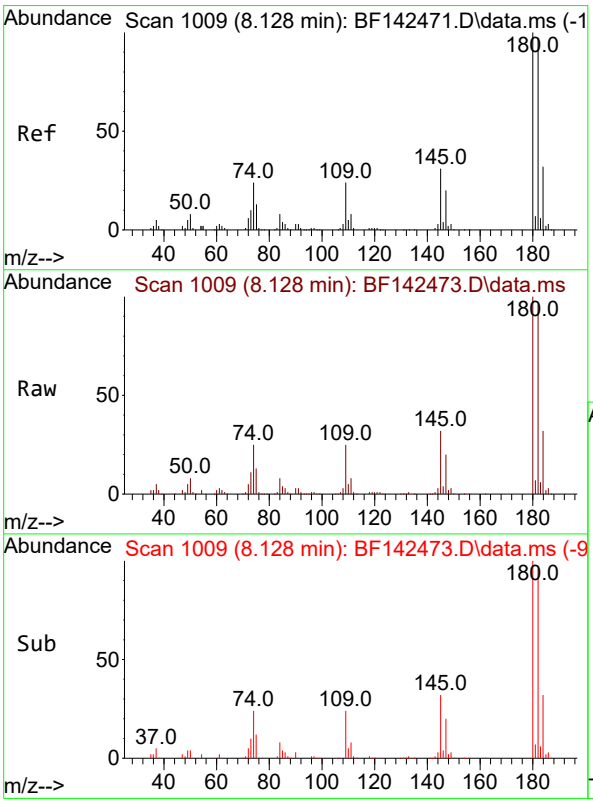
#29
2,4-Dichlorophenol
Concen: 59.913 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 300754

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.7	83.7
98	34.1	15.5	55.5

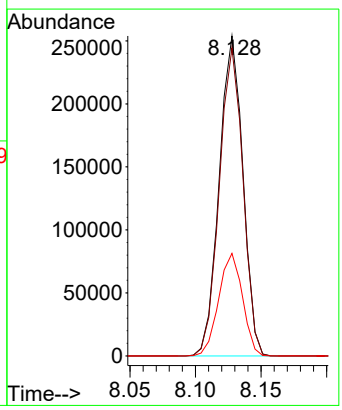


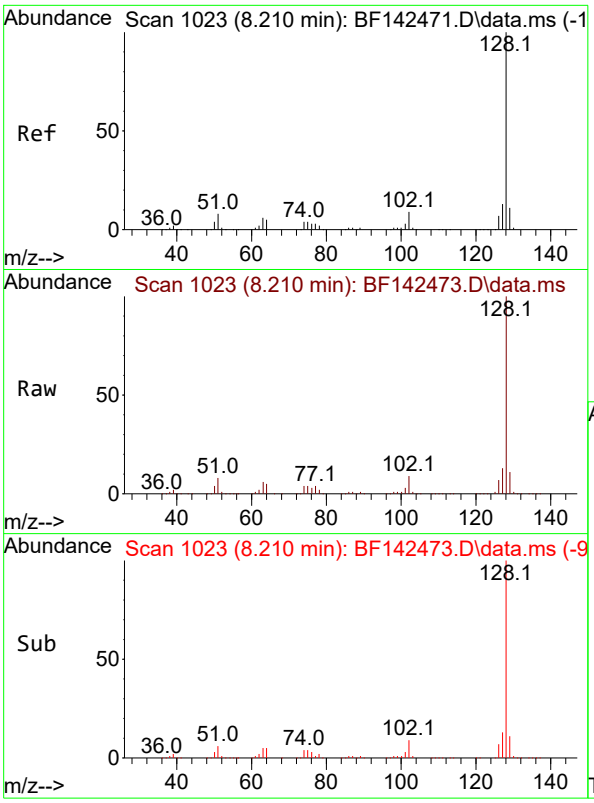


#30
1,2,4-Trichlorobenzene
Concen: 58.460 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:180 Resp: 318487

Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.0	117.0
145	32.0	25.0	37.6



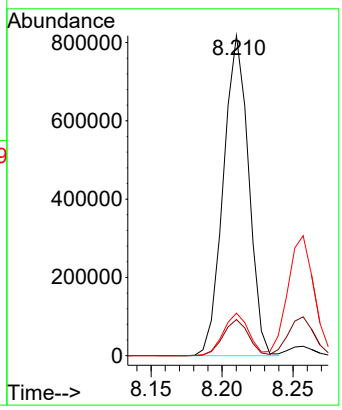


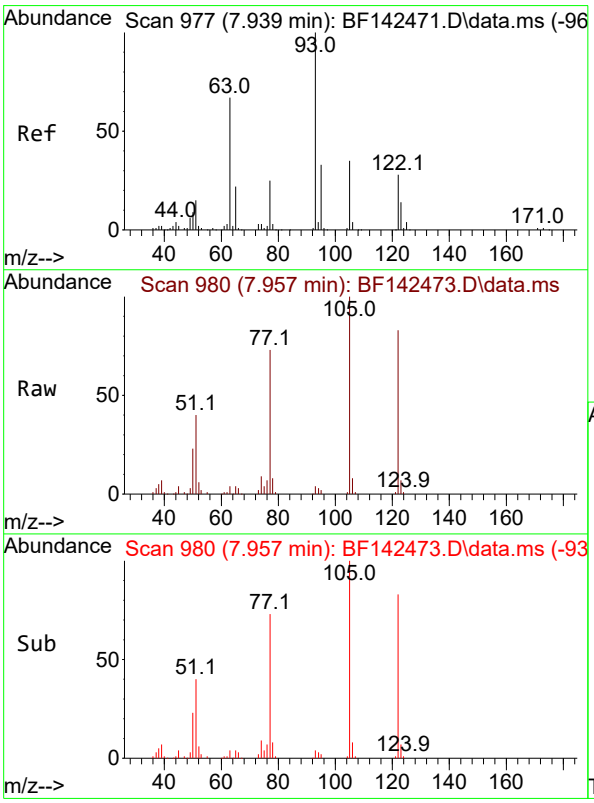
#31
Naphthalene
Concen: 58.085 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1012926

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.5	15.7

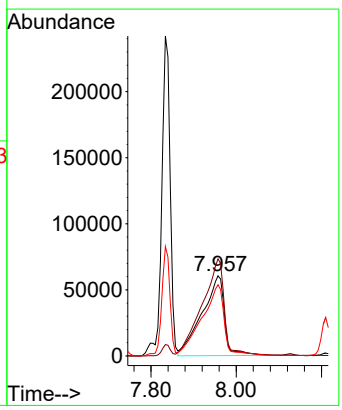


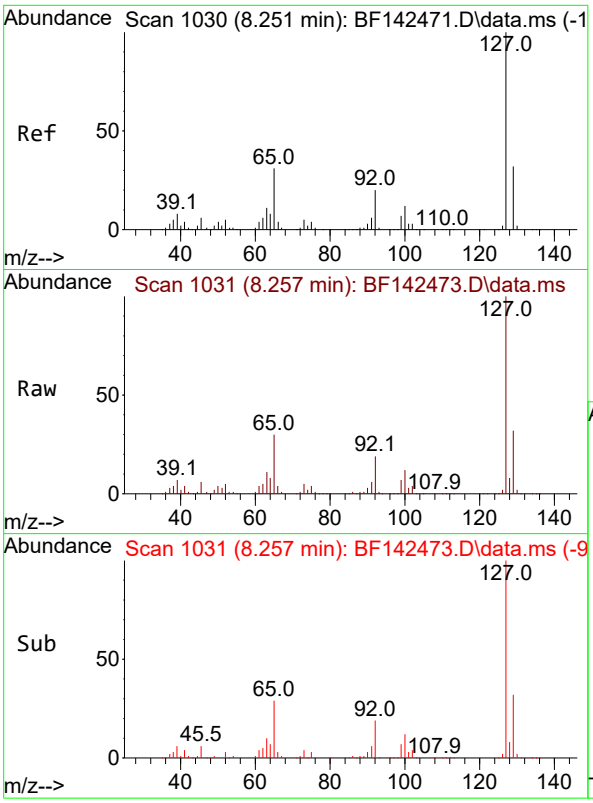


#32
Benzoic acid
Concen: 66.059 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:122 Resp: 221962

Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.7	141.7
77	88.9	69.5	109.5



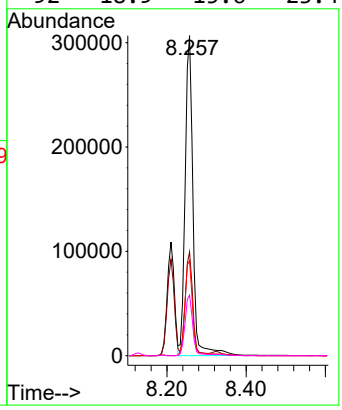


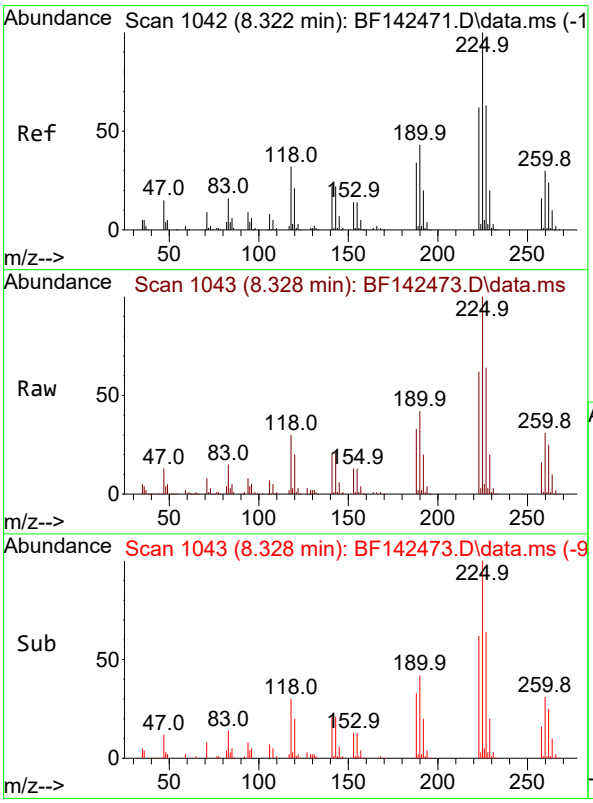
#33
4-Chloroaniline
Concen: 59.619 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 421281

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	29.7	24.9	37.3
92	18.9	15.6	23.4

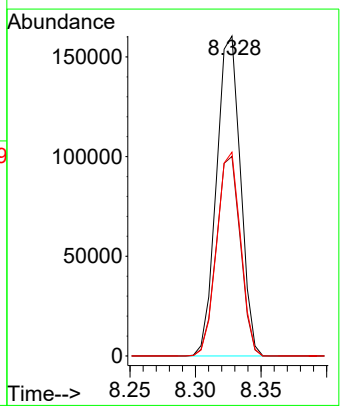


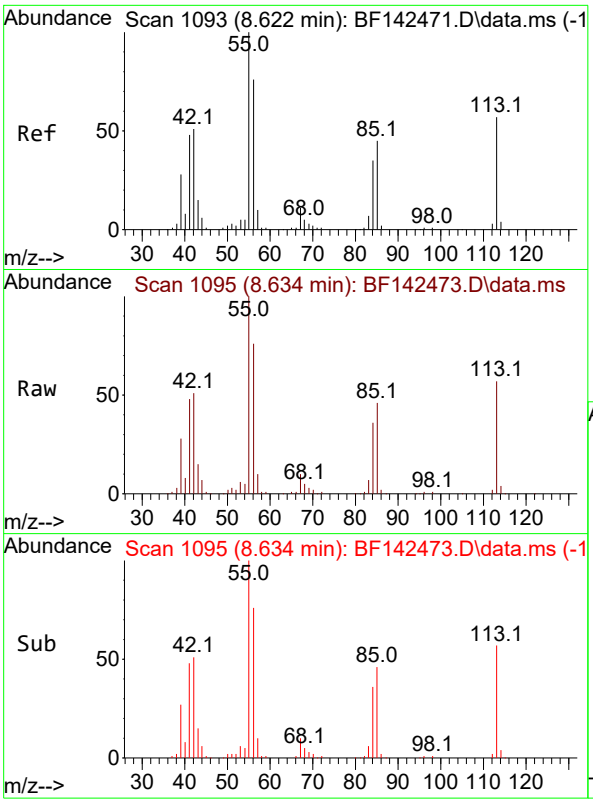


#34
Hexachlorobutadiene
Concen: 59.831 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:225 Resp: 203527

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.7	50.3	75.5



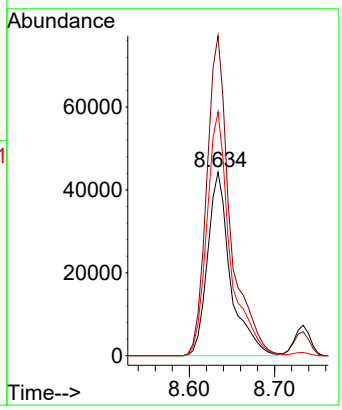


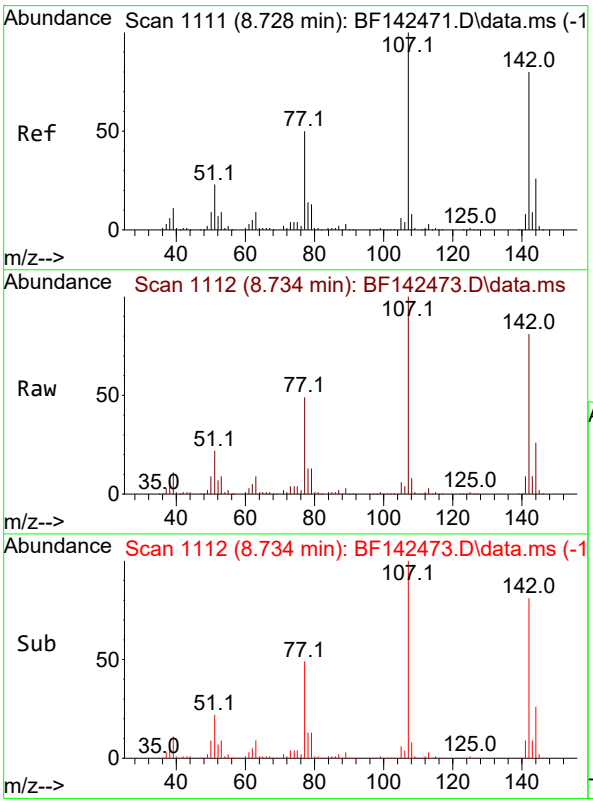
#35
Caprolactam
Concen: 58.650 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 82688

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.7	194.7
56	133.0	113.2	153.2

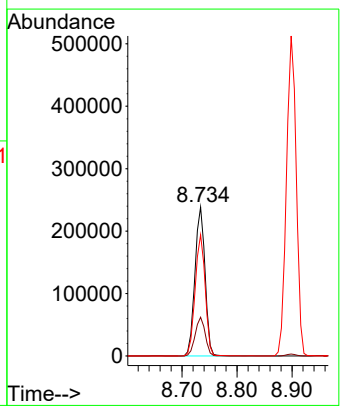


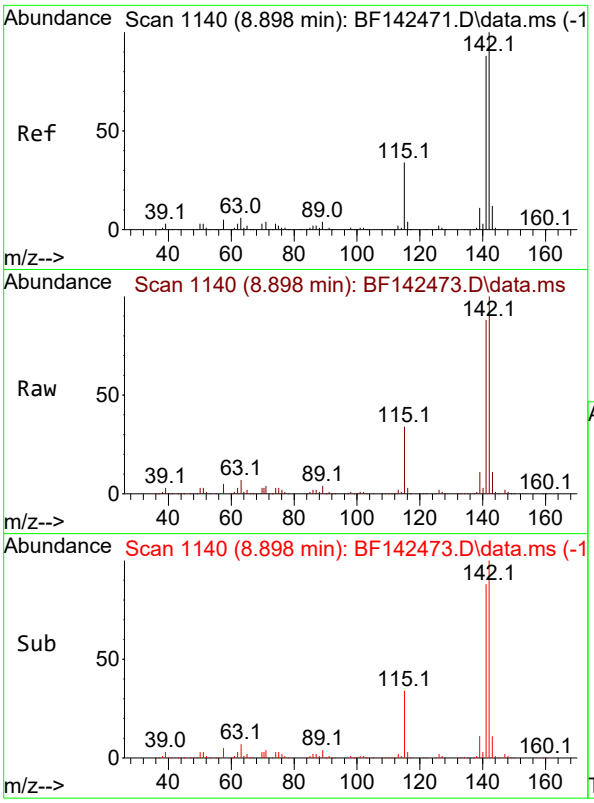


#36
4-Chloro-3-methylphenol
Concen: 59.352 ng
RT: 8.734 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 305341

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.9	31.3
142	81.3	64.2	96.2



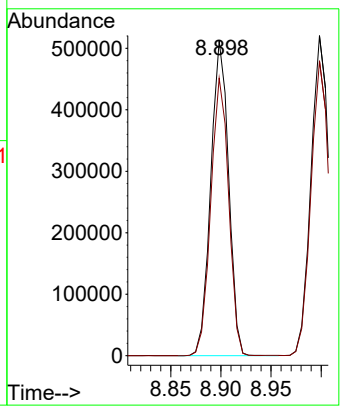


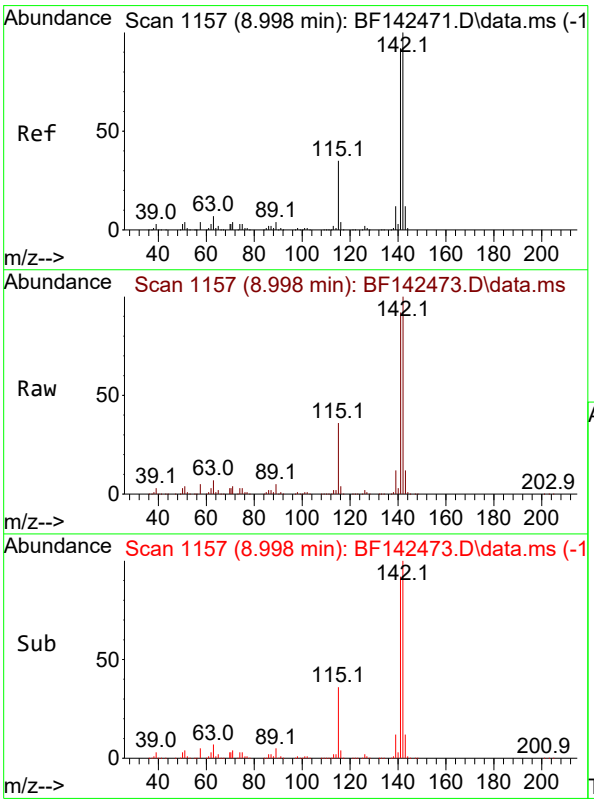
#37
2-Methylnaphthalene
Concen: 57.893 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 635148

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1

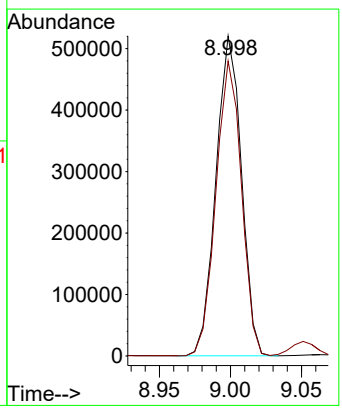


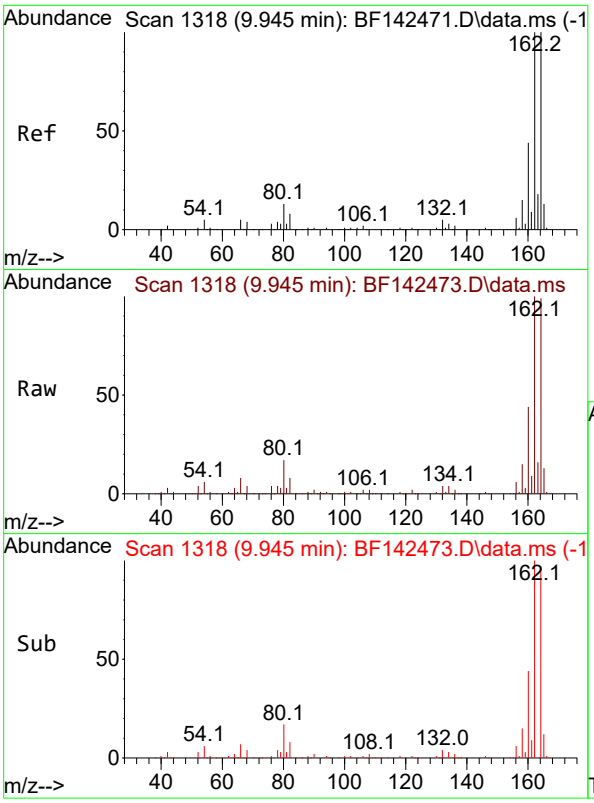


#38
1-Methylnaphthalene
Concen: 57.247 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:142 Resp: 649652

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2



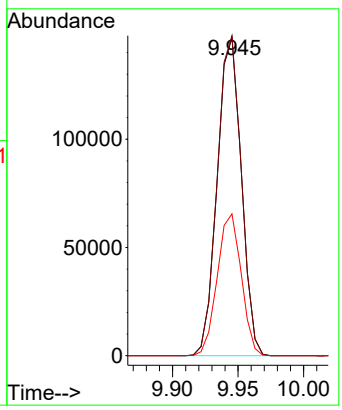


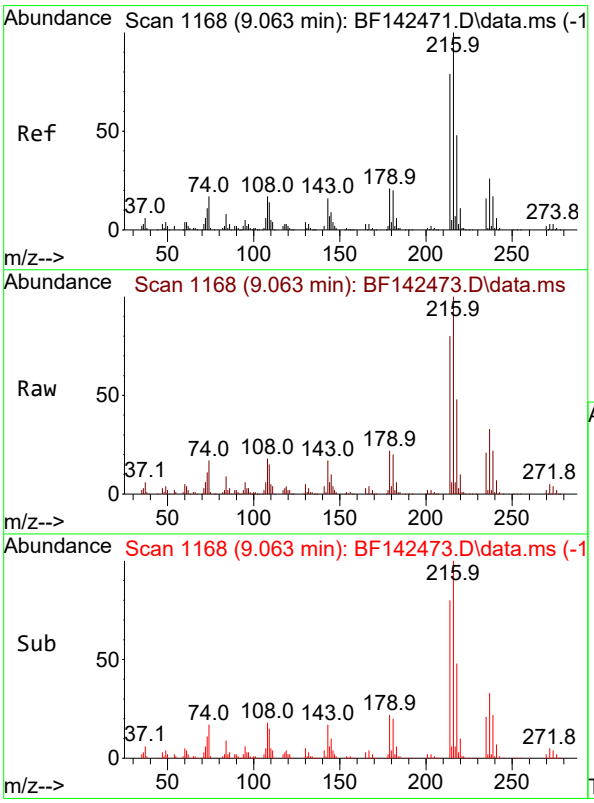
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 187285

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.4
160	44.6	35.6	53.4

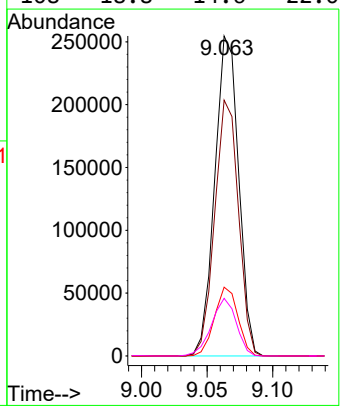


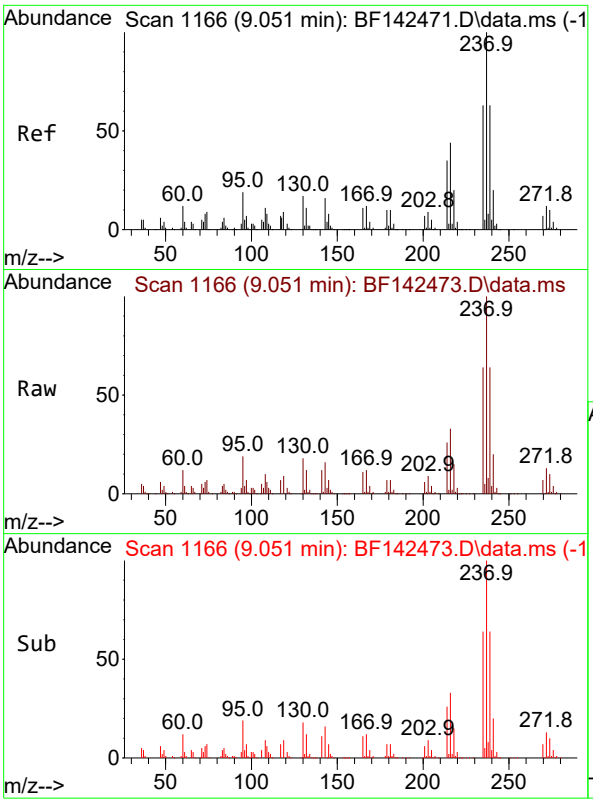


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.844 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:216 Resp: 321732

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.9	94.3
179	21.1	16.9	25.3
108	18.8	14.6	22.0



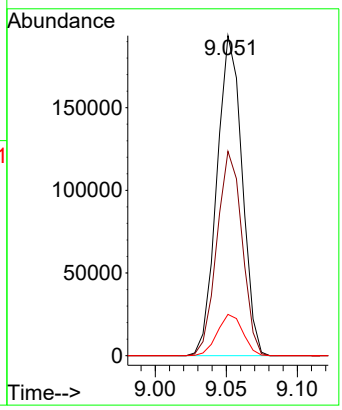


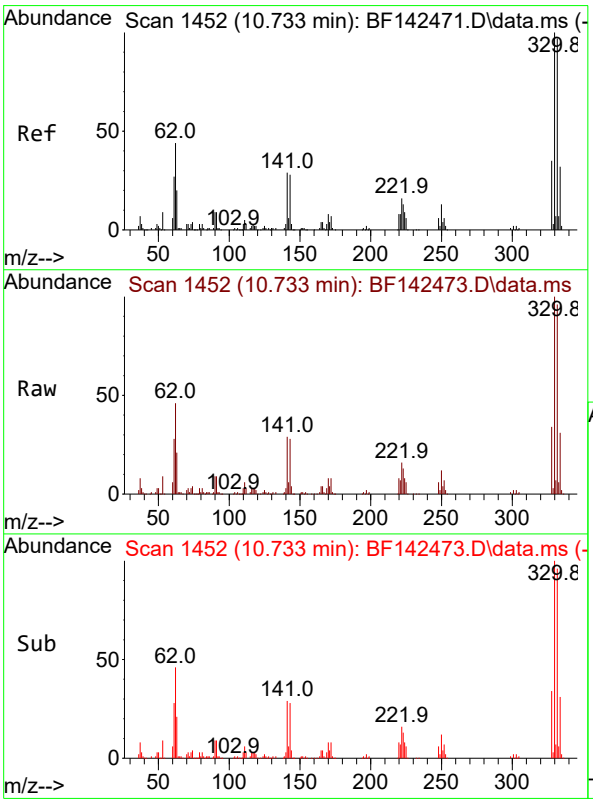
#41
Hexachlorocyclopentadiene
Concen: 65.820 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 238708

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.3	83.3
272	12.9	0.0	32.4

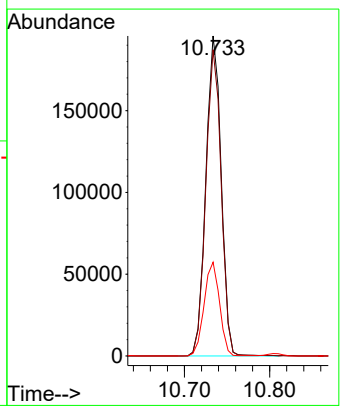


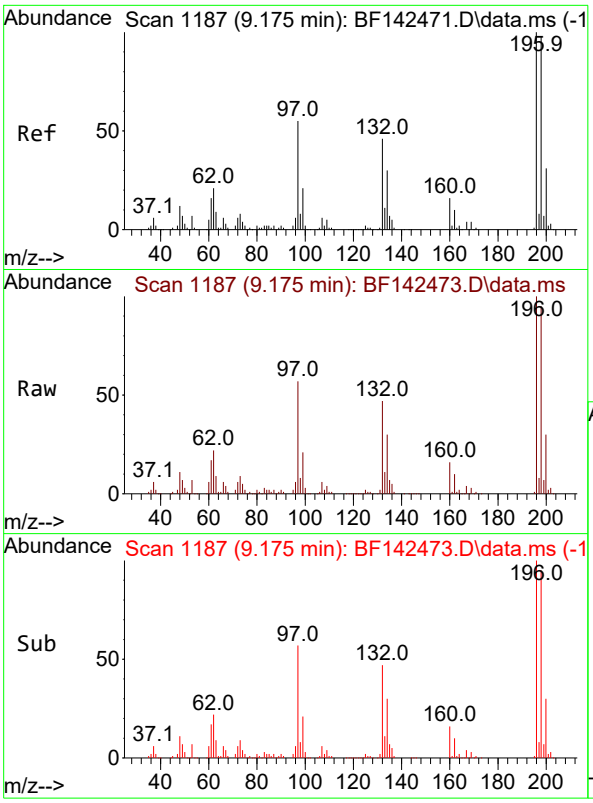


#42
2,4,6-Tribromophenol
Concen: 117.621 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:330 Resp: 244491

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	29.6	24.6	36.8



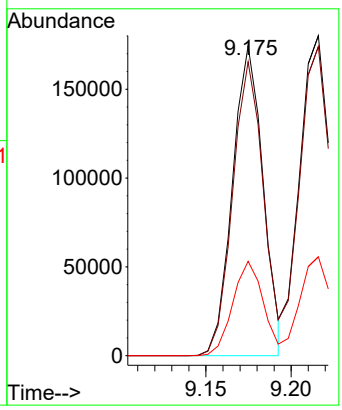


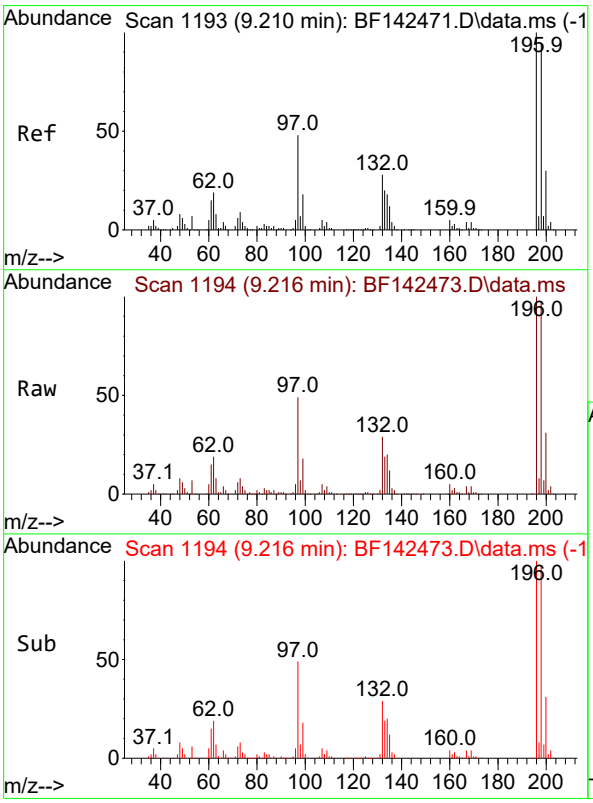
#43
2,4,6-Trichlorophenol
Concen: 60.098 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 217868

Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.8	118.2
200	30.4	24.9	37.3

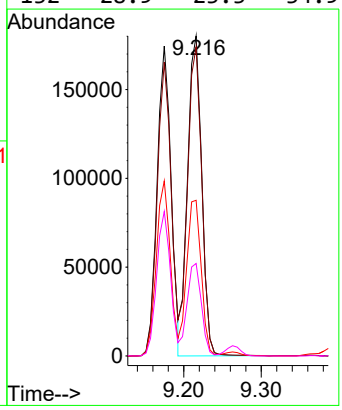


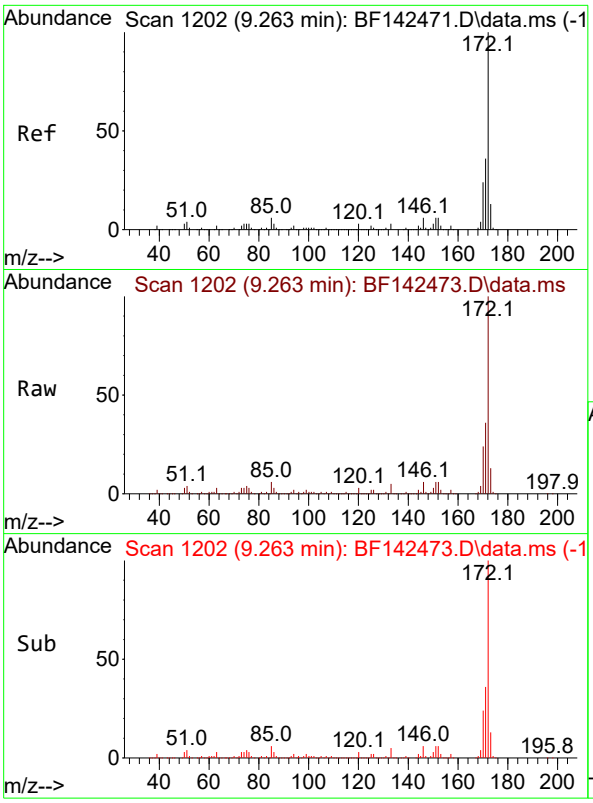


#44
2,4,5-Trichlorophenol
Concen: 59.916 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:196 Resp: 229079

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.5	113.3
97	48.6	39.3	58.9
132	28.9	23.3	34.9



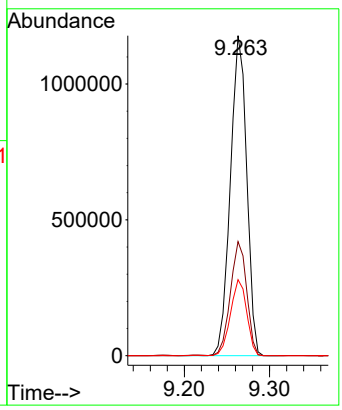


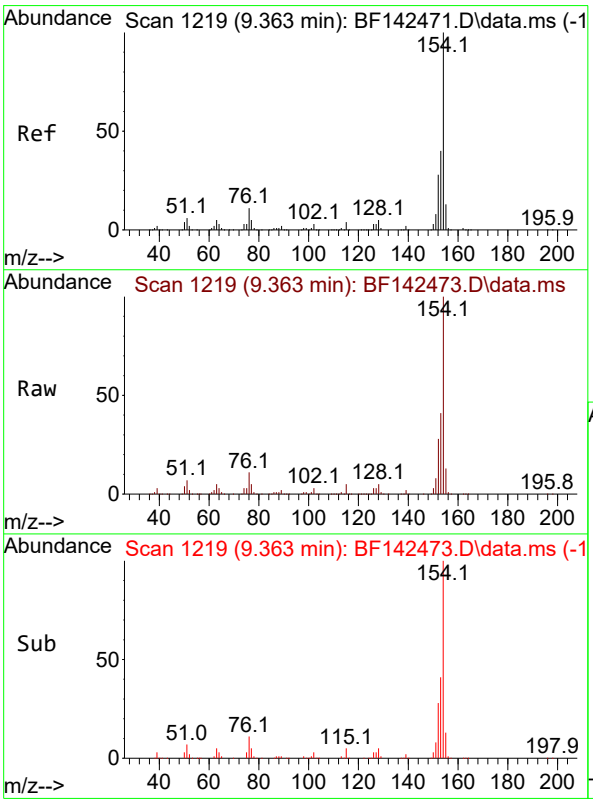
#45
2-Fluorobiphenyl
Concen: 112.426 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1569136

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	18.9	28.3

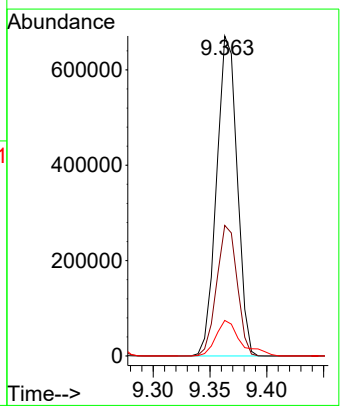


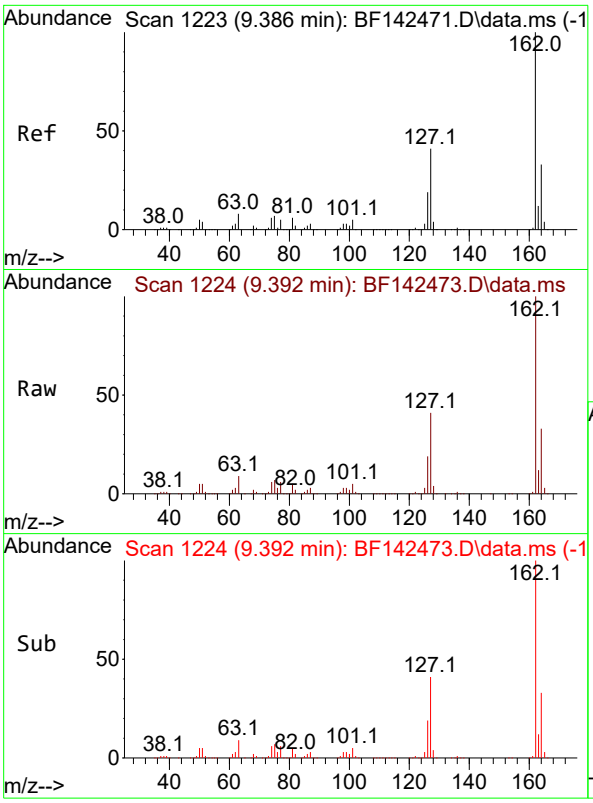


#46
1,1'-Biphenyl
Concen: 58.279 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 846783

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.1	0.0	30.8



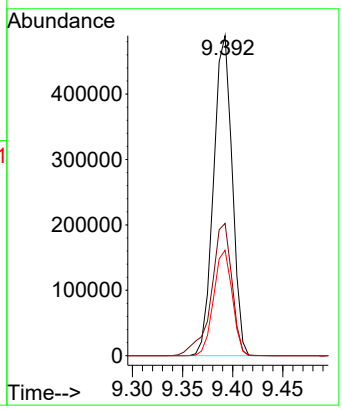


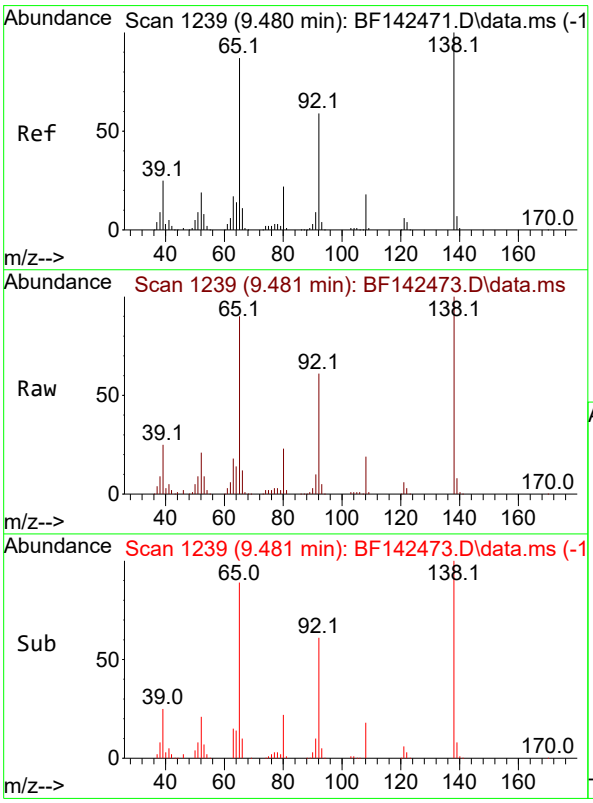
#47
2-Chloronaphthalene
Concen: 58.746 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 630647

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.5	50.3
164	33.0	26.1	39.1

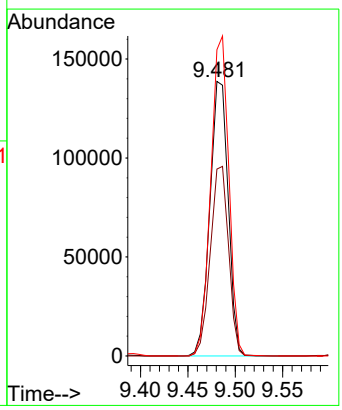


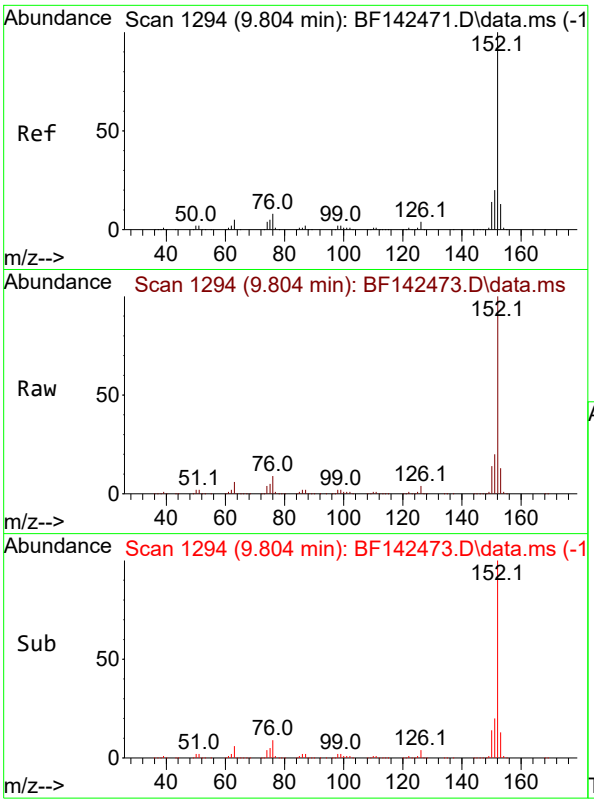


#48
2-Nitroaniline
Concen: 60.093 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 65 Resp: 186466

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	111.5	91.4	137.2



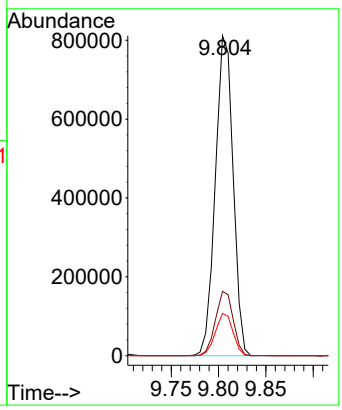


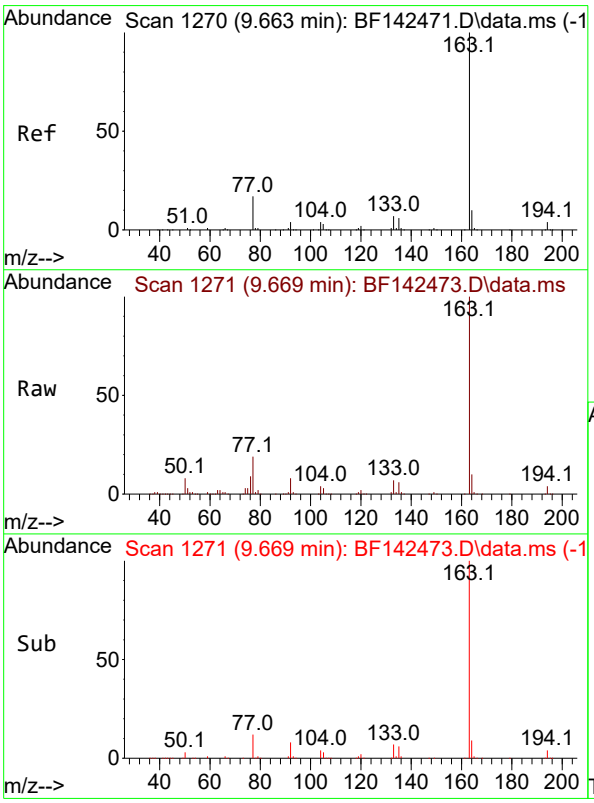
#49
Acenaphthylene
Concen: 58.411 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1058826

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	15.8

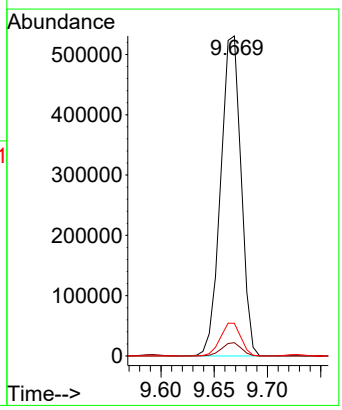


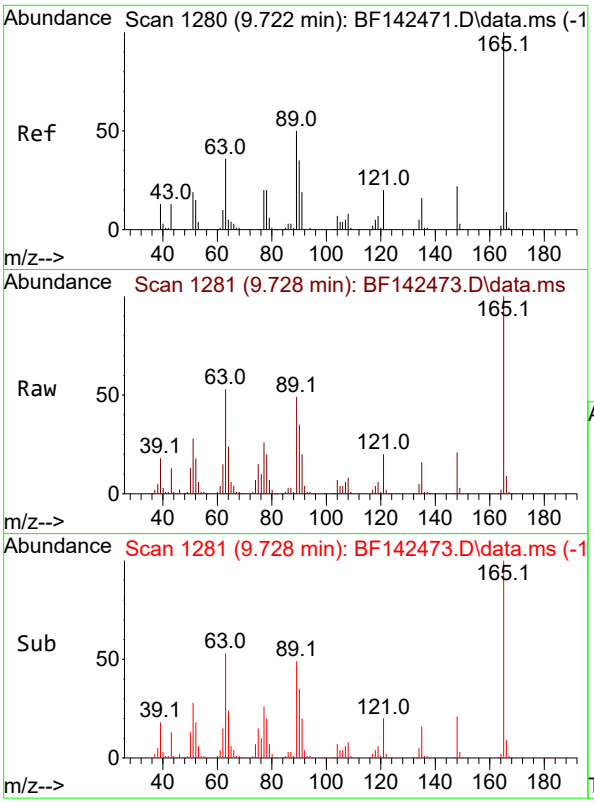


#50
Dimethylphthalate
Concen: 57.119 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:163 Resp: 705857

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.4



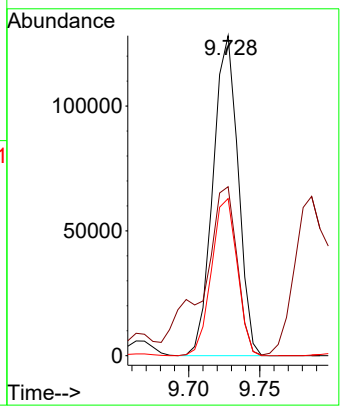


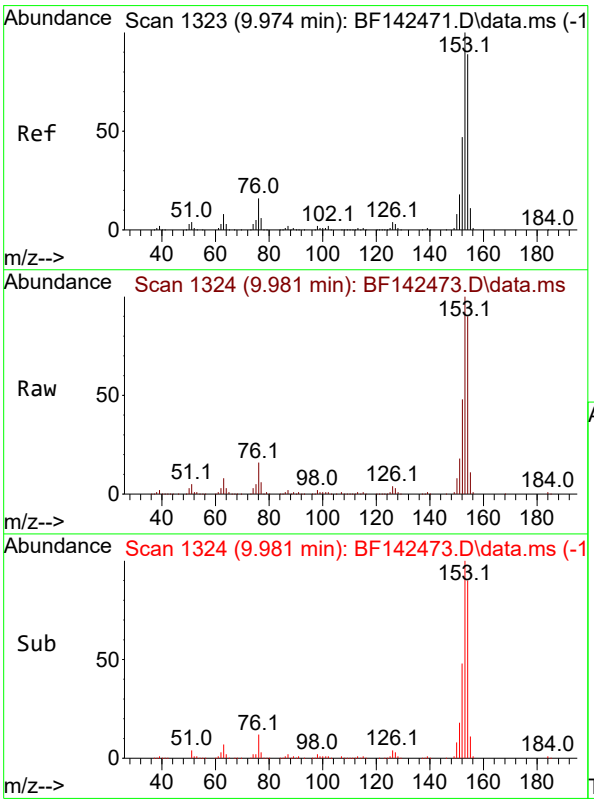
#51
2,6-Dinitrotoluene
Concen: 59.195 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 157884

Ion	Ratio	Lower	Upper
165	100		
63	52.8	42.9	64.3
89	49.1	40.2	60.4

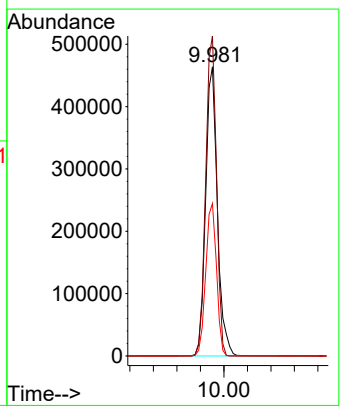


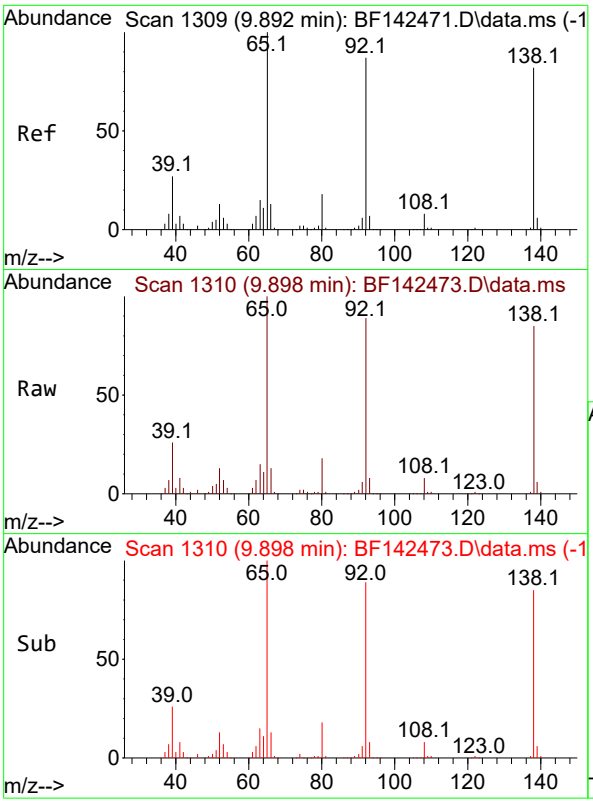


#52
Acenaphthene
Concen: 58.160 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 643773

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.0	135.0
152	52.8	42.6	64.0



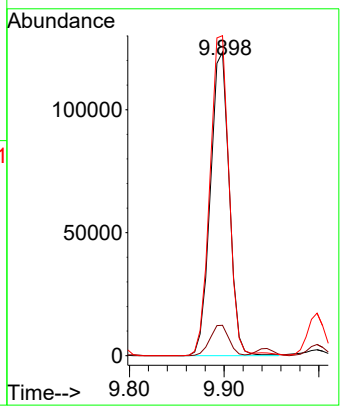


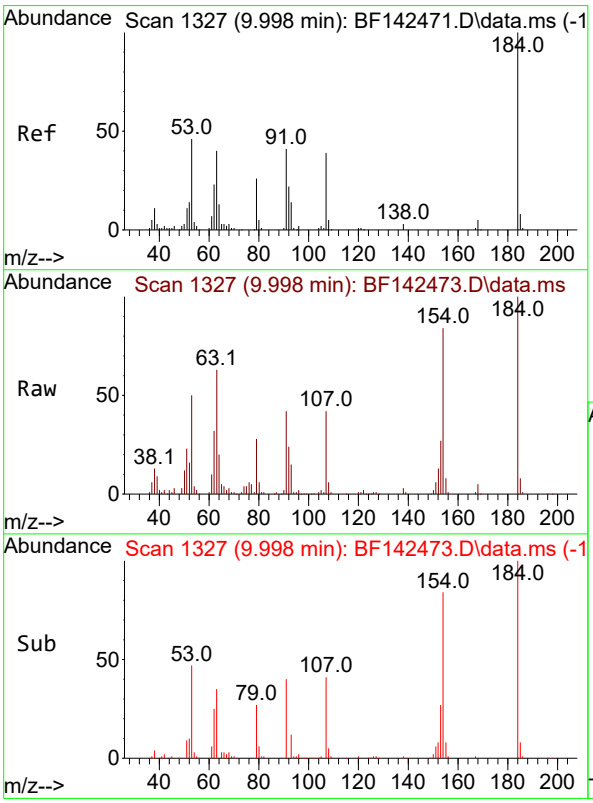
#53
3-Nitroaniline
Concen: 58.746 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 171137

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	105.4	85.2	127.8

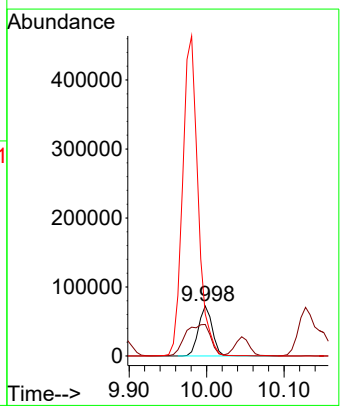


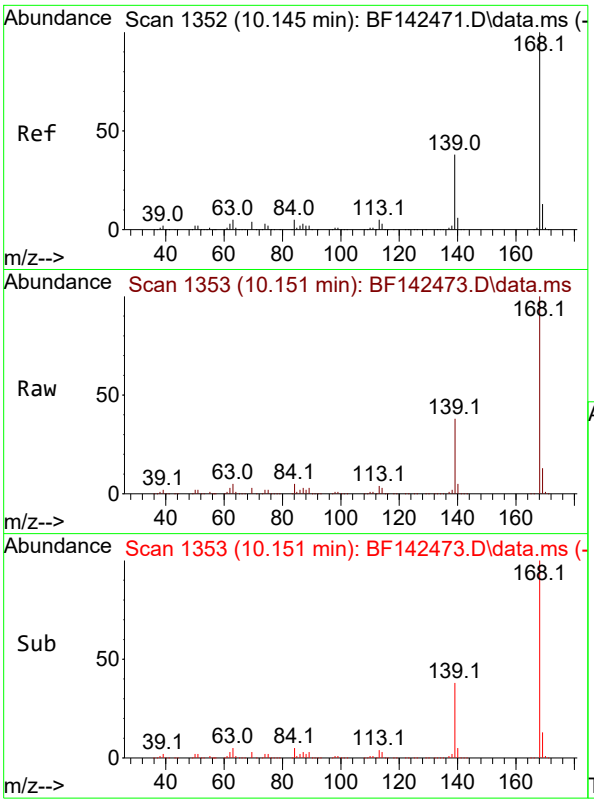


#54
2,4-Dinitrophenol
Concen: 65.126 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:184 Resp: 89741

Ion	Ratio	Lower	Upper
184	100		
63	63.3	46.3	69.5
154	84.0	56.8	85.2



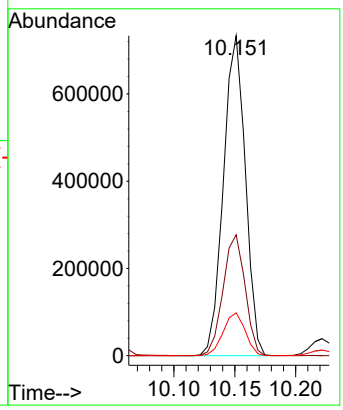


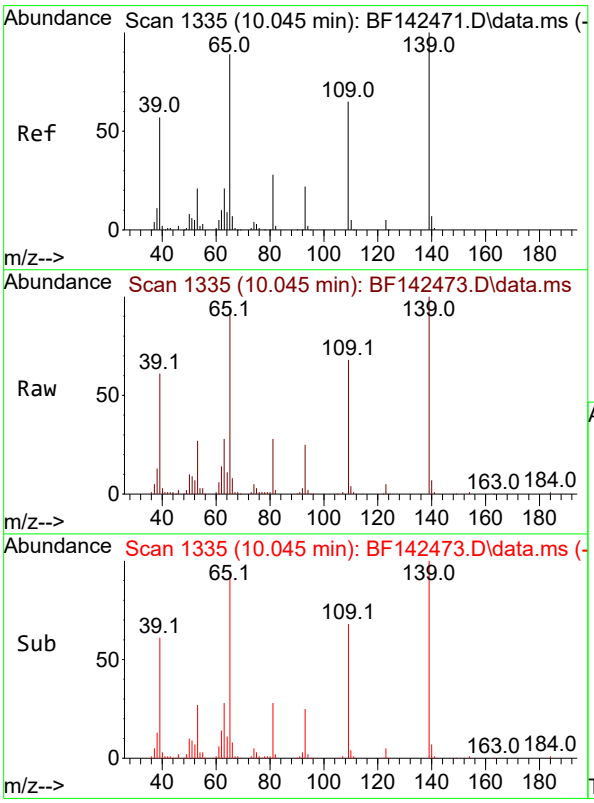
#55
Dibenzofuran
Concen: 57.677 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 918703

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.4	10.7	16.1

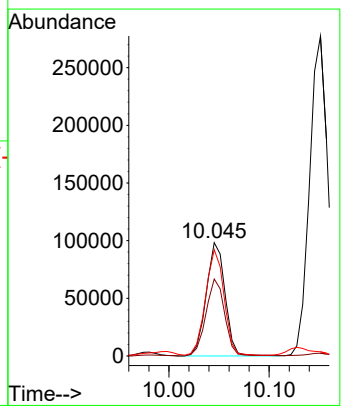


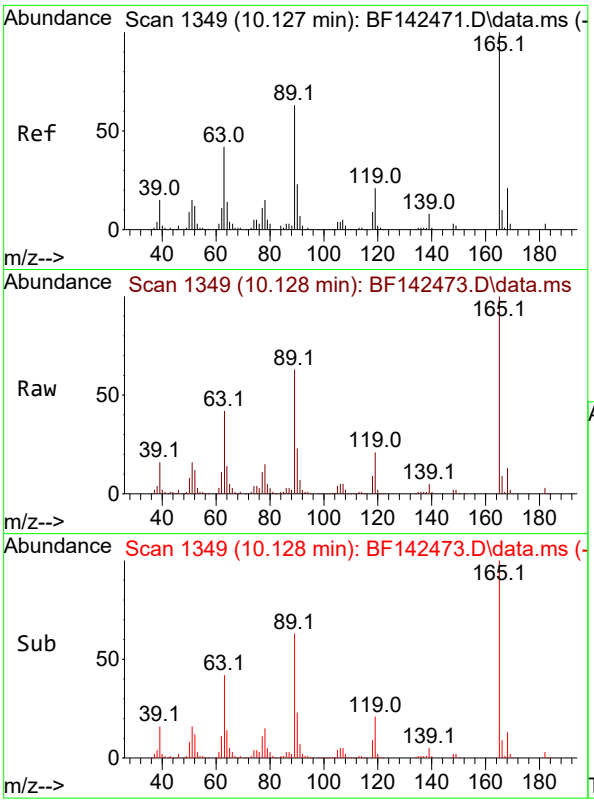


#56
4-Nitrophenol
Concen: 59.782 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:139 Resp: 128501

Ion	Ratio	Lower	Upper
139	100		
109	67.9	45.1	85.1
65	93.8	69.7	109.7



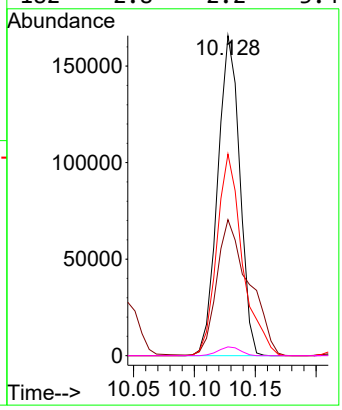


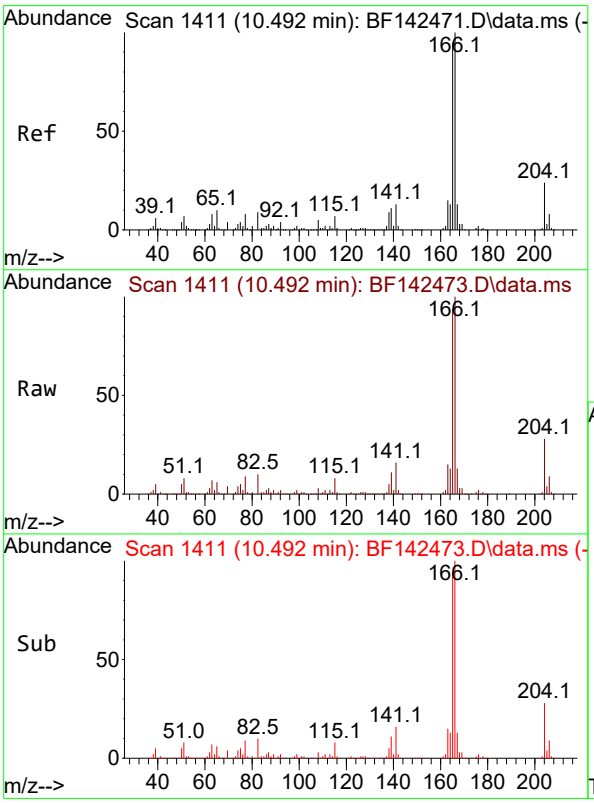
#57
2,4-Dinitrotoluene
Concen: 60.012 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 209035

Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.6	50.4
89	63.0	50.2	75.4
182	2.8	2.2	3.4

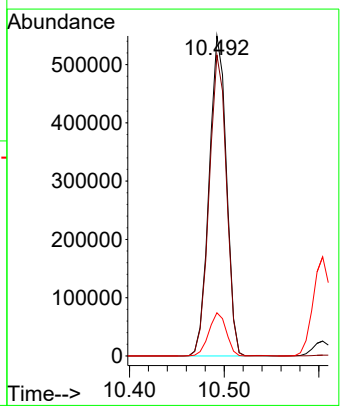


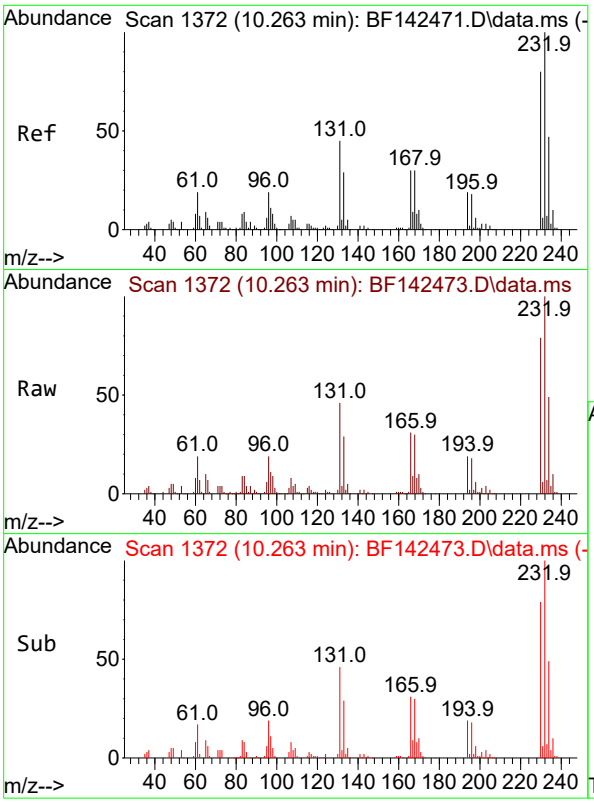


#58
Fluorene
Concen: 56.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:166 Resp: 695462

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.8	113.8
167	13.5	10.6	16.0



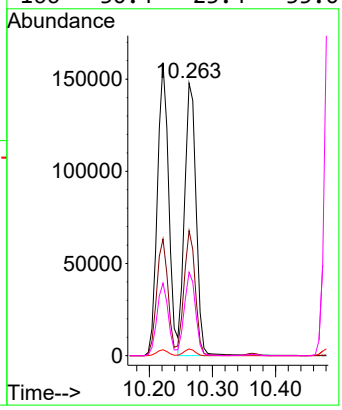


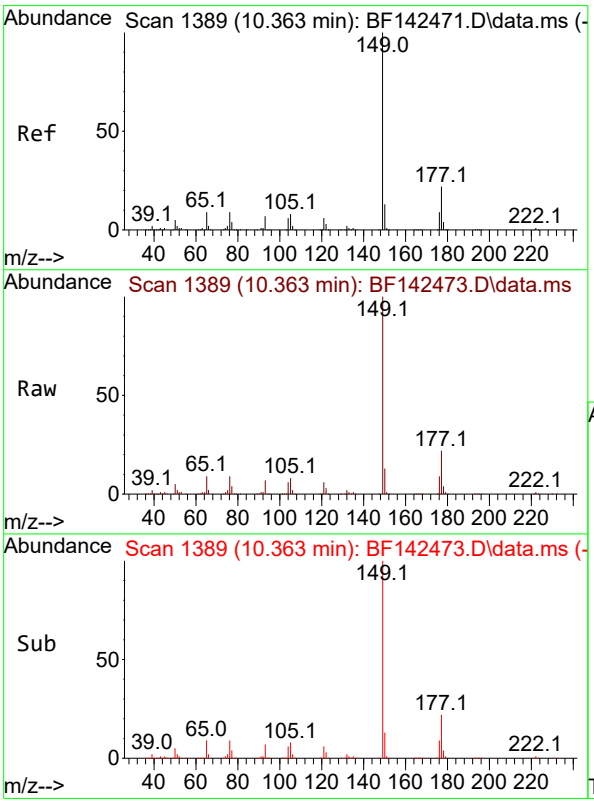
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.609 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 187067

Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.2	52.8
130	2.4	1.7	2.5
166	30.4	23.4	35.0

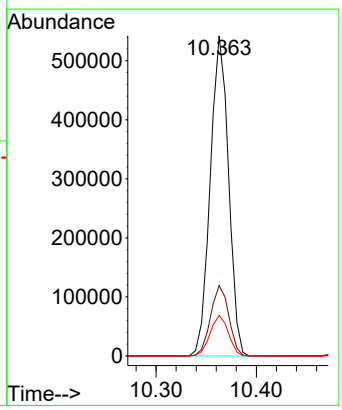


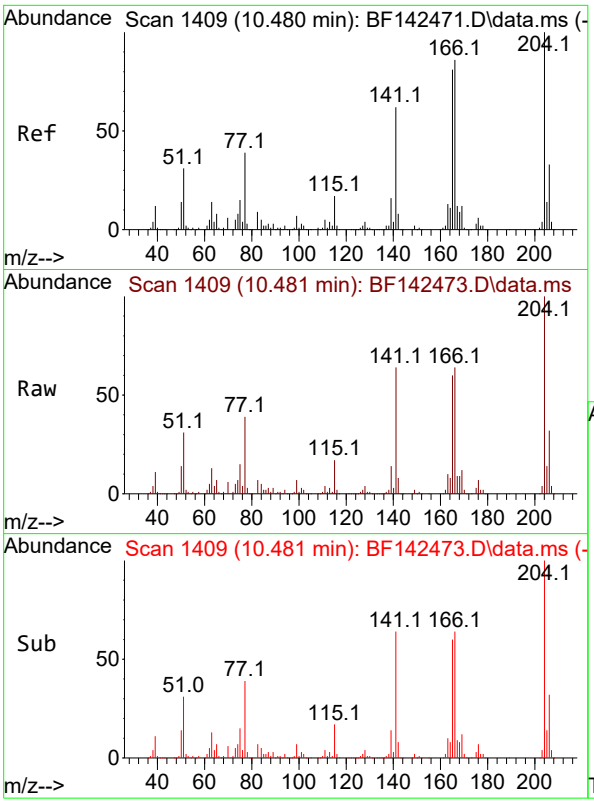


#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 684259

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1



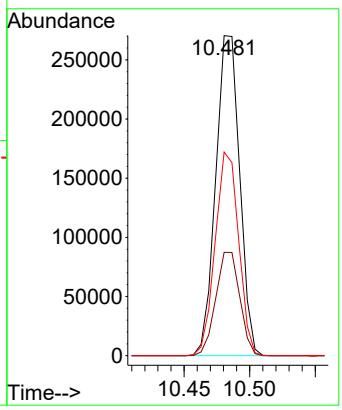


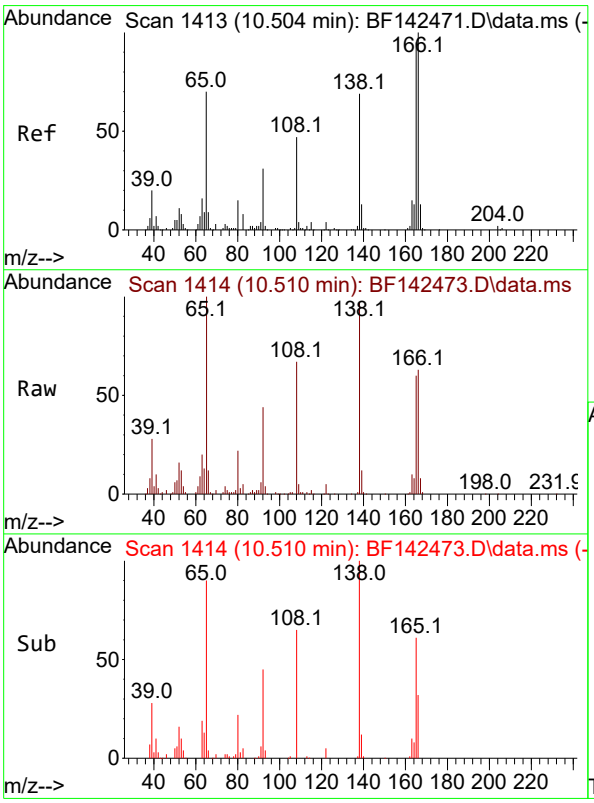
#61
4-Chlorophenyl-phenylether
Concen: 56.880 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 343838

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	63.7	49.5	74.3

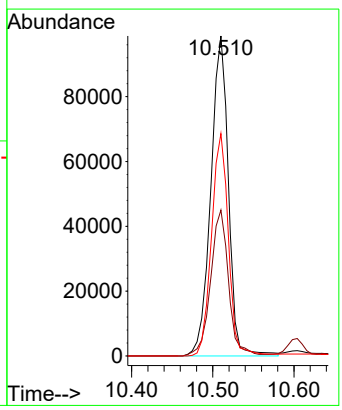


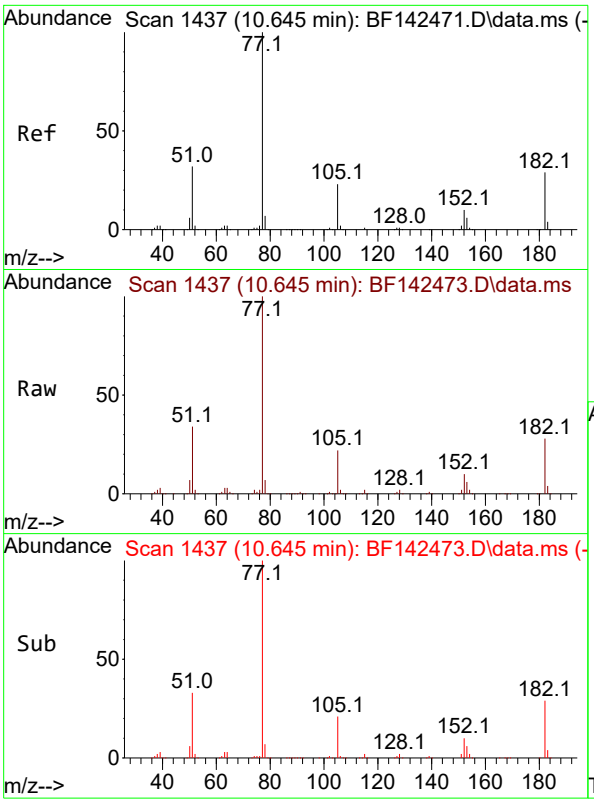


#62
4-Nitroaniline
Concen: 56.302 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:138 Resp: 148755

Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.0	66.0
108	69.5	48.4	88.4



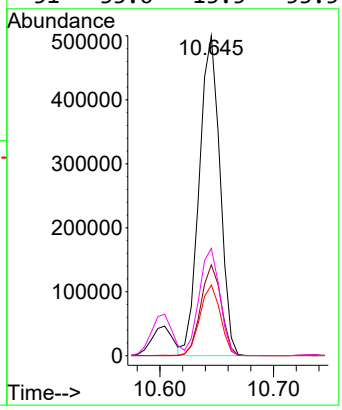


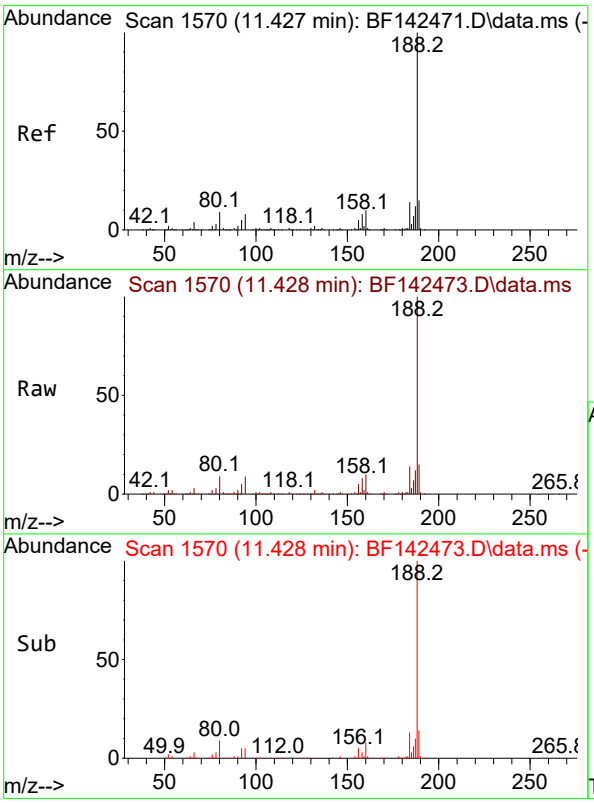
#63
Azobenzene
Concen: 58.221 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 631137

Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.0	49.0
105	22.1	2.4	42.4
51	33.6	13.5	53.5

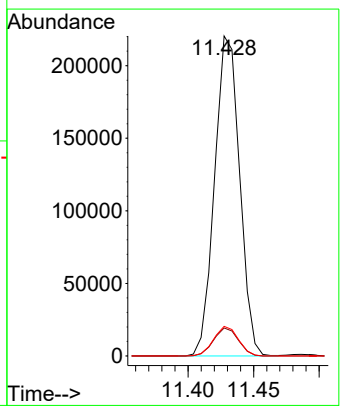


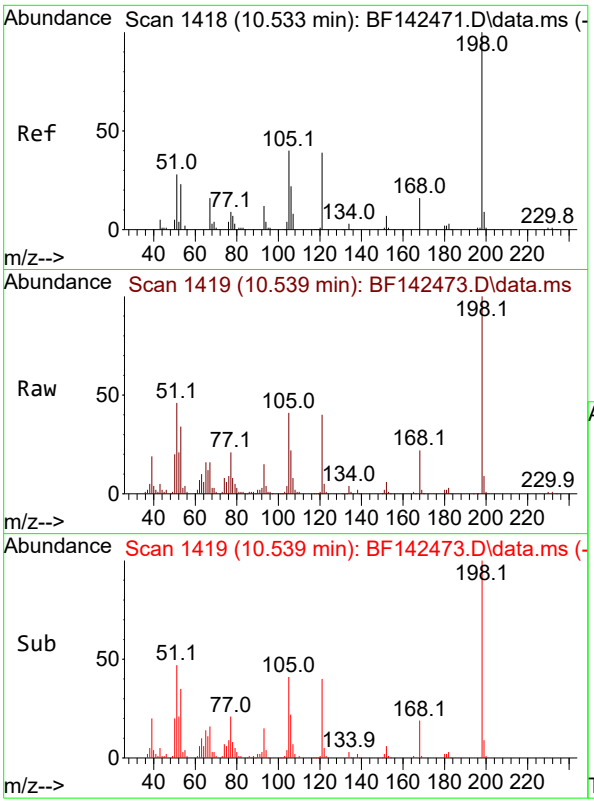


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:188 Resp: 292190

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.2	7.4	11.0



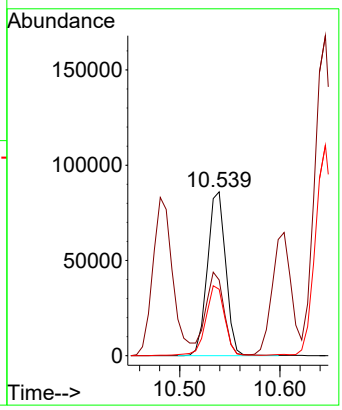


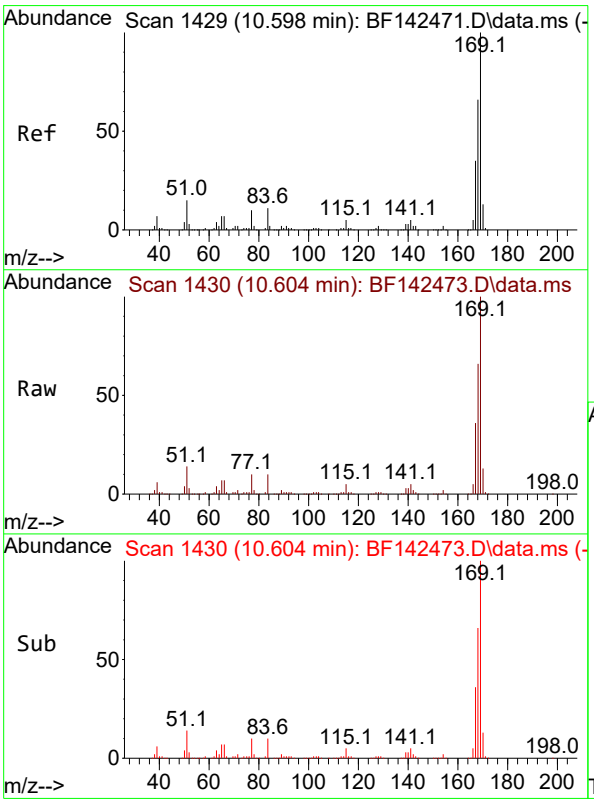
#65
4,6-Dinitro-2-methylphenol
Concen: 66.950 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 109172

Ion	Ratio	Lower	Upper
198	100		
51	46.2	28.3	68.3
105	40.5	21.3	61.3

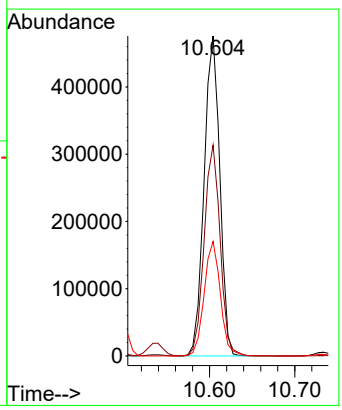


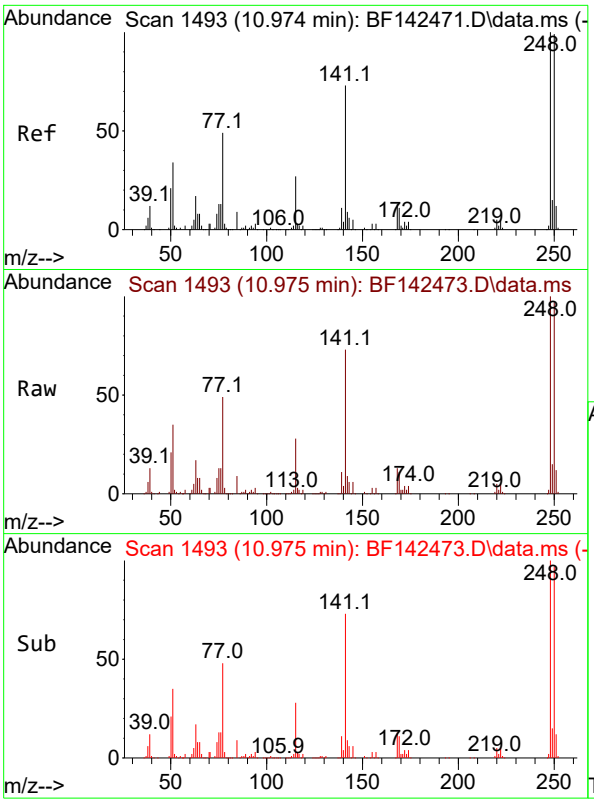


#66
n-Nitrosodiphenylamine
Concen: 60.861 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:169 Resp: 608394

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.8	28.3	42.5



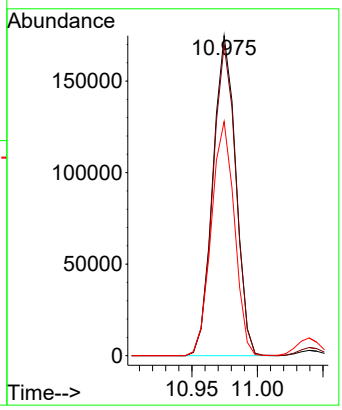


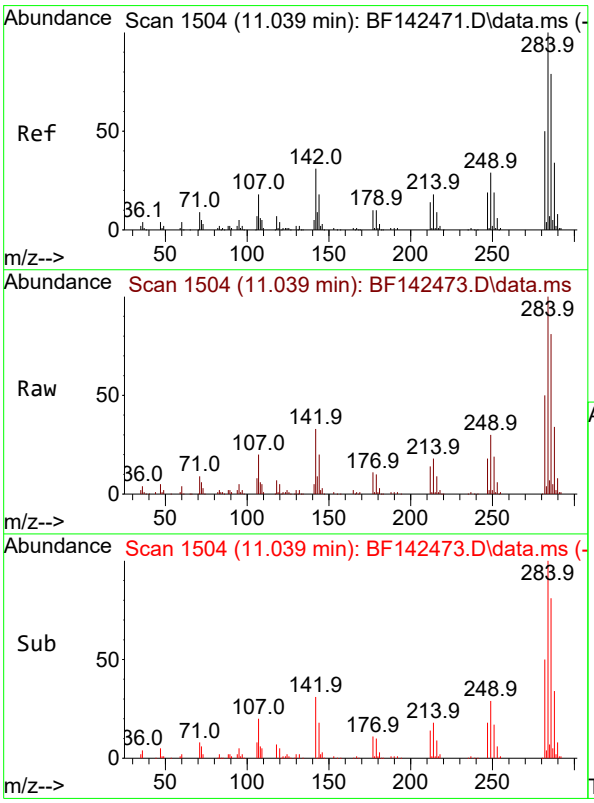
#67
4-Bromophenyl-phenylether
Concen: 61.546 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 212638

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.0	118.4
141	73.2	58.4	87.6

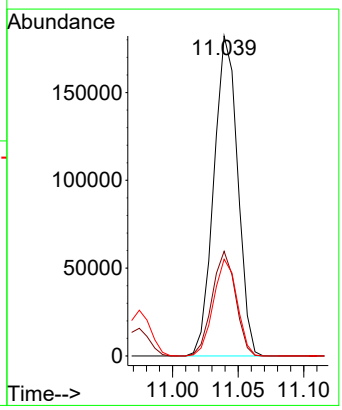


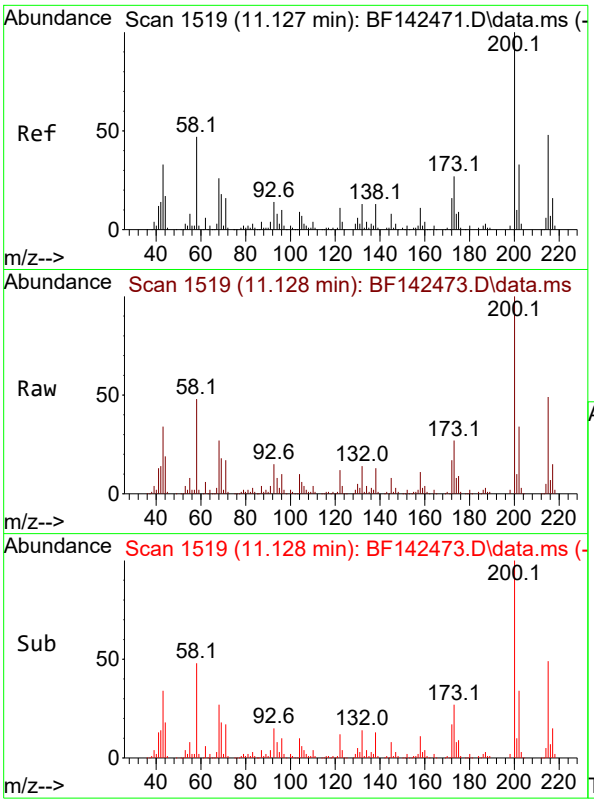


#68
Hexachlorobenzene
Concen: 60.168 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:284 Resp: 229917

Ion	Ratio	Lower	Upper
284	100		
142	32.7	24.8	37.2
249	30.2	23.6	35.4



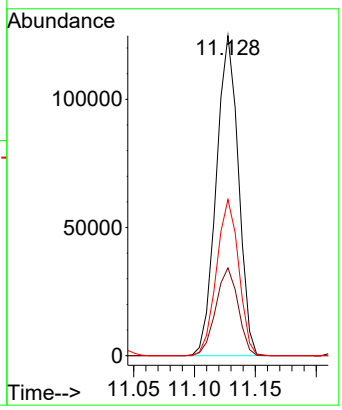


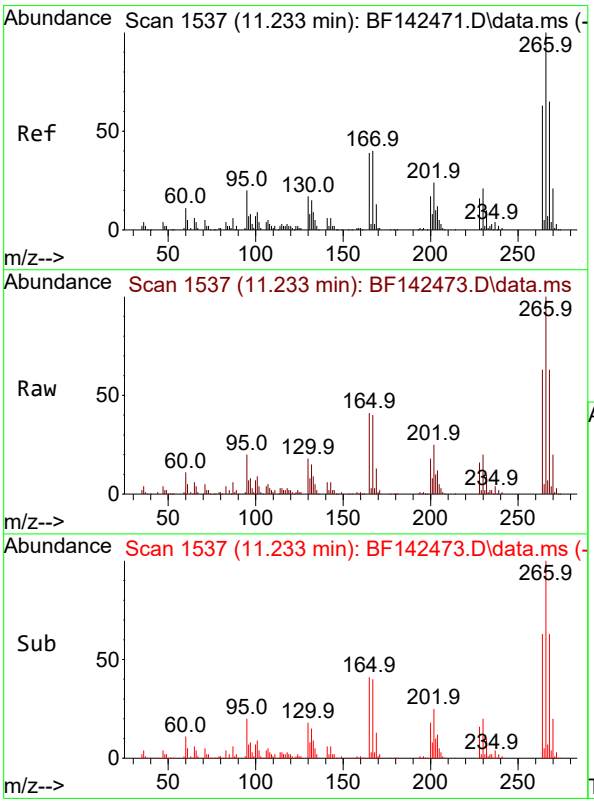
#69
Atrazine
Concen: 59.604 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 158234

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.8	28.5	68.5

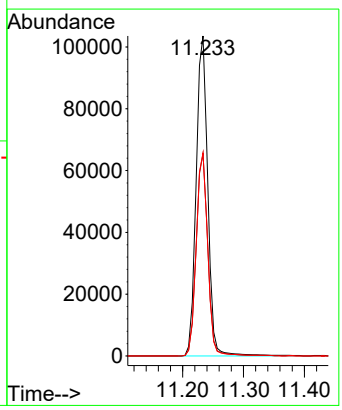


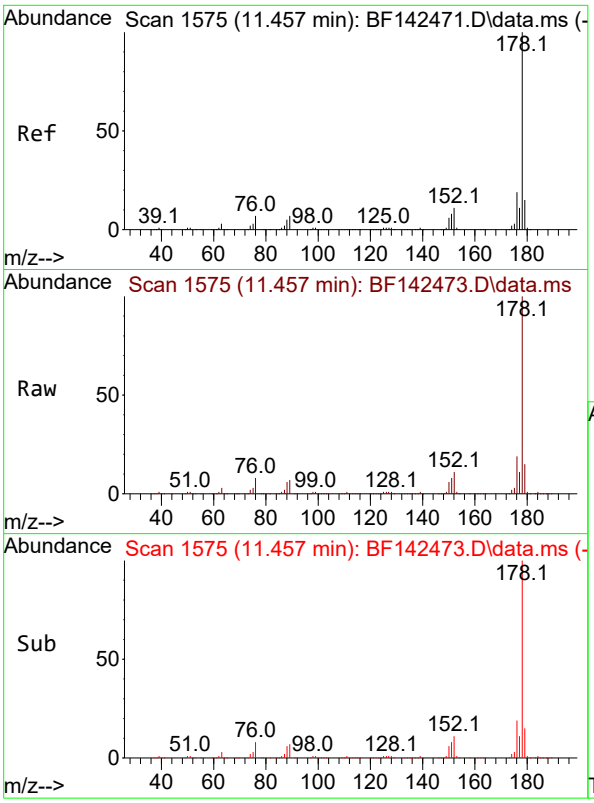


#70
Pentachlorophenol
Concen: 63.663 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:266 Resp: 137347

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	63.4	50.4	75.6



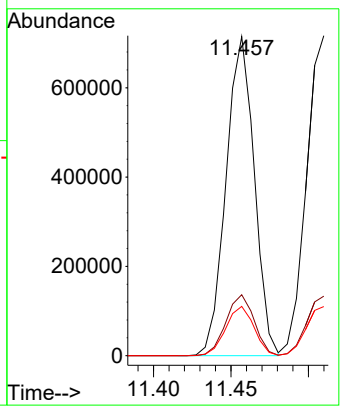


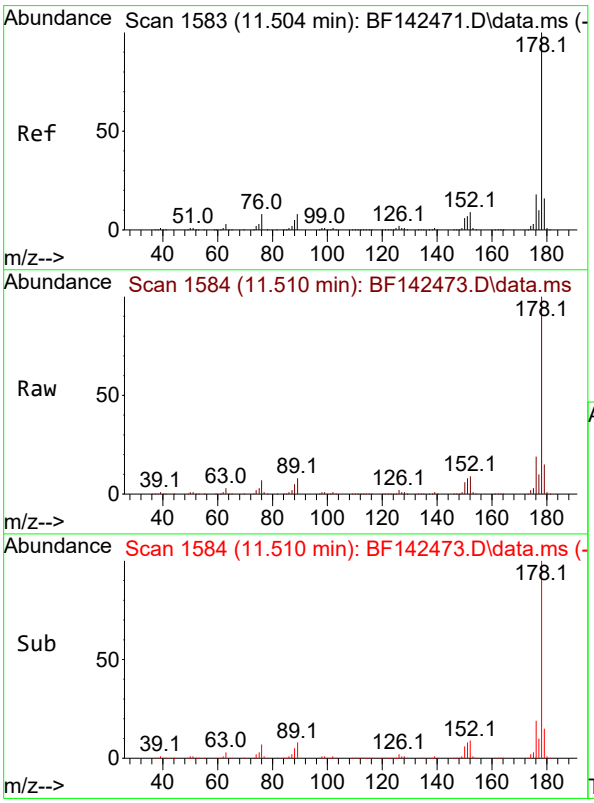
#71
Phenanthrene
Concen: 57.961 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 905073

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.3	18.5

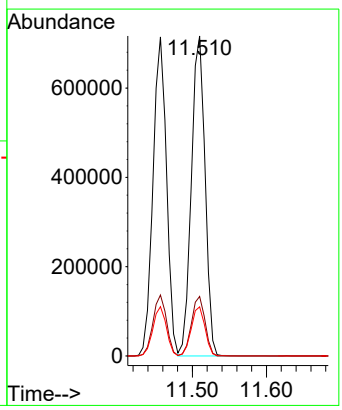


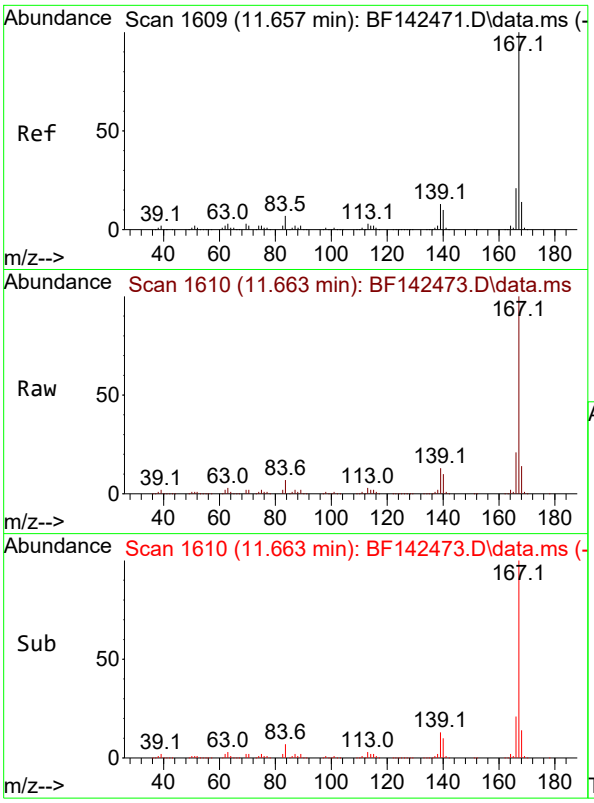


#72
Anthracene
Concen: 57.627 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:178 Resp: 918369

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	12.4	18.6



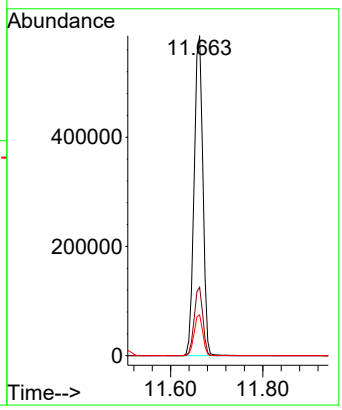


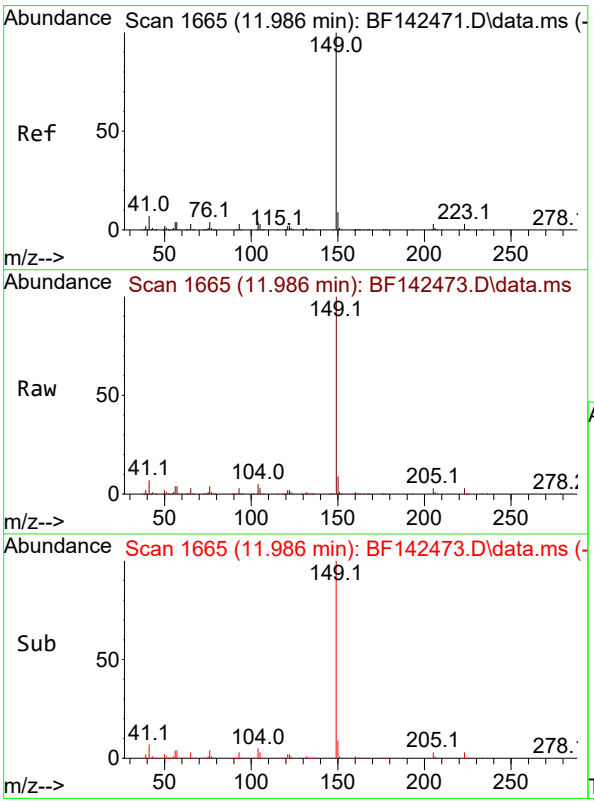
#73
Carbazole
Concen: 56.455 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 769151

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.8	10.2	15.4

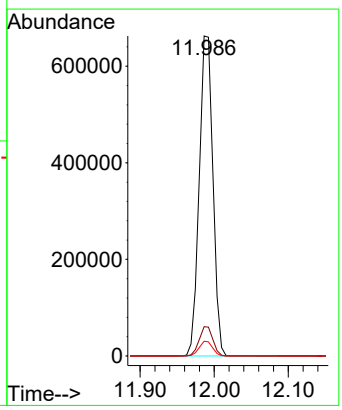


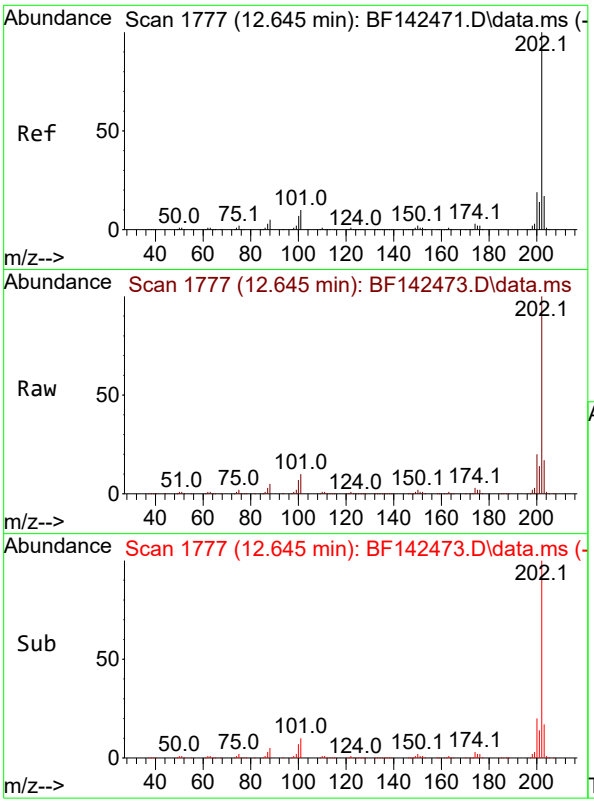


#74
Di-n-butylphthalate
Concen: 57.234 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 853524

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.6	3.6	5.4



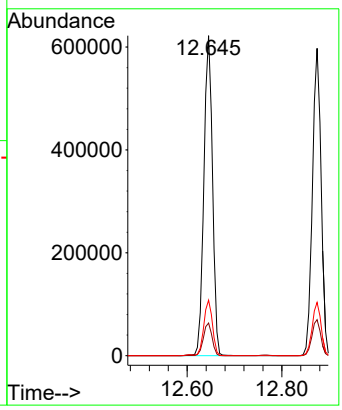


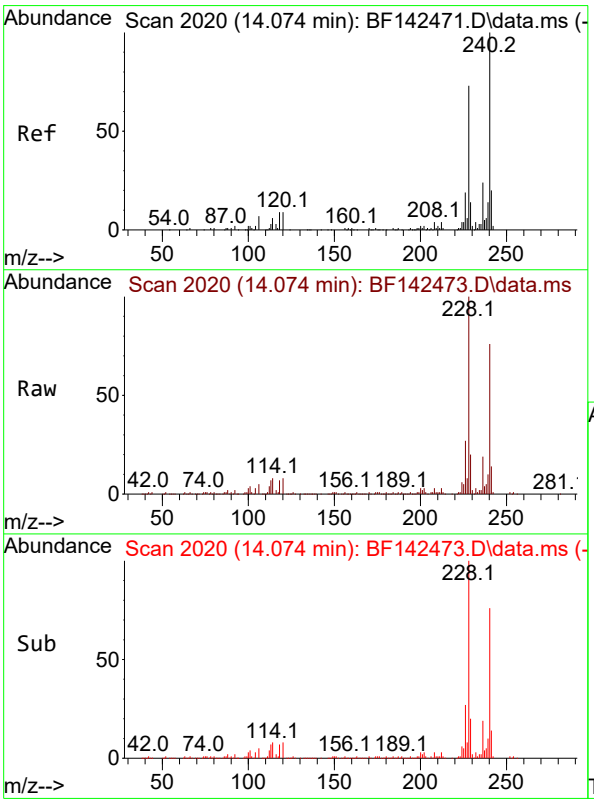
#75
Fluoranthene
Concen: 54.112 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 789533

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.3	0.0	37.2

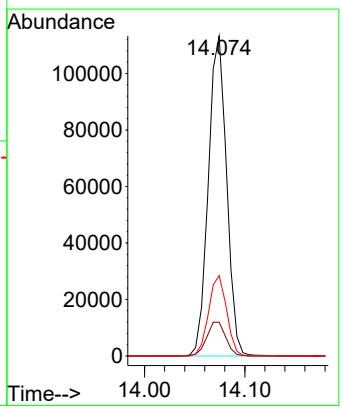


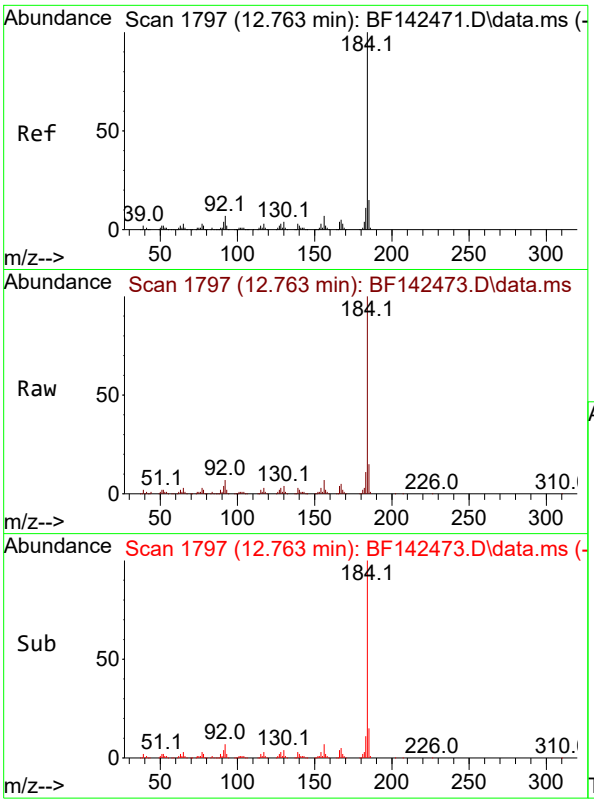


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:240 Resp: 143579

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	25.1	19.6	29.4



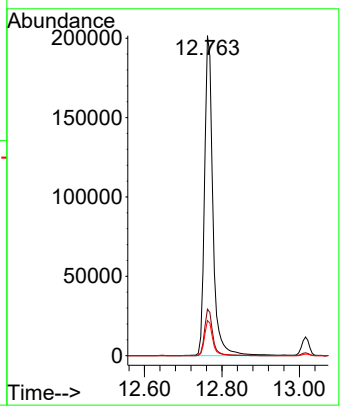


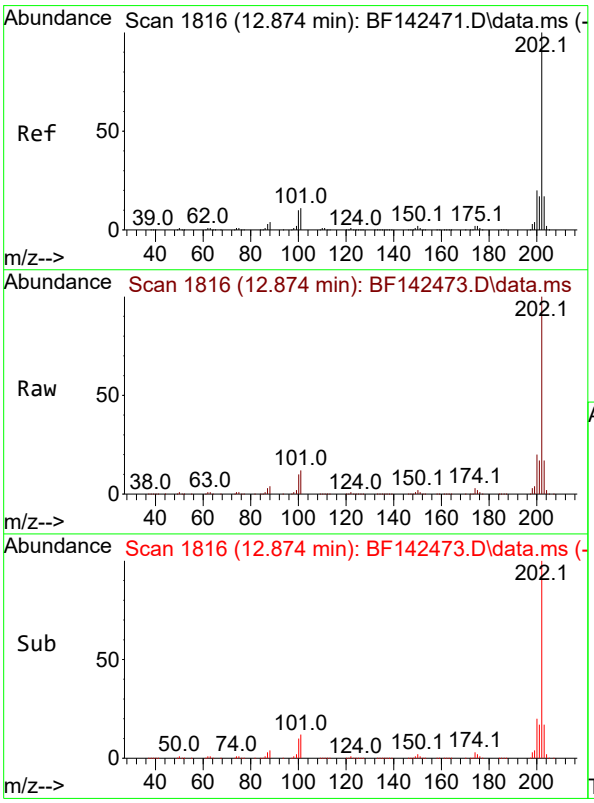
#77
Benzidine
Concen: 56.251 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 300547

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.0	9.0	13.4

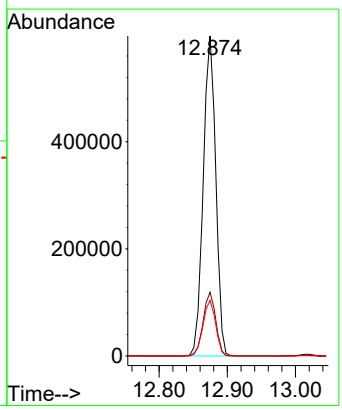


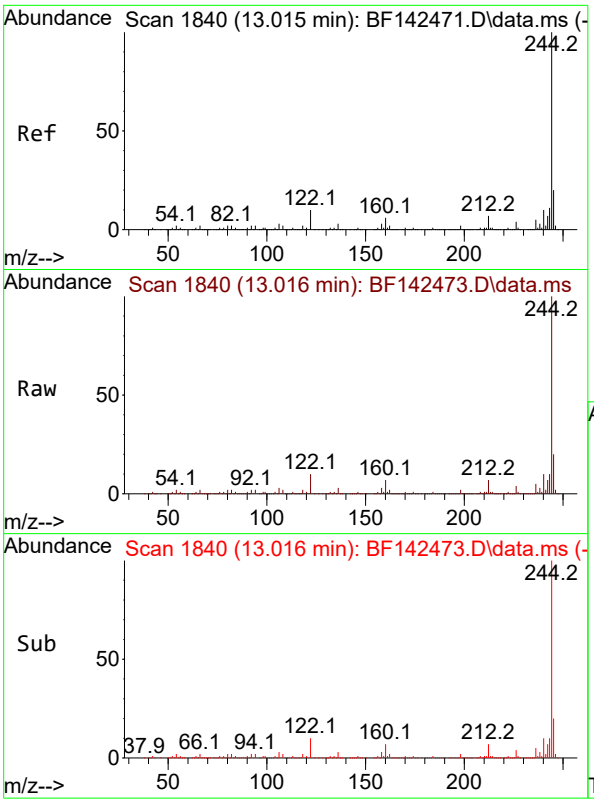


#78
Pyrene
Concen: 57.017 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:202 Resp: 763672

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.4	13.9	20.9



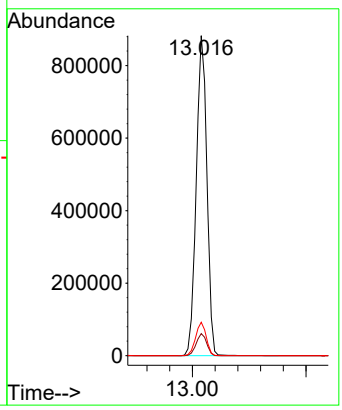


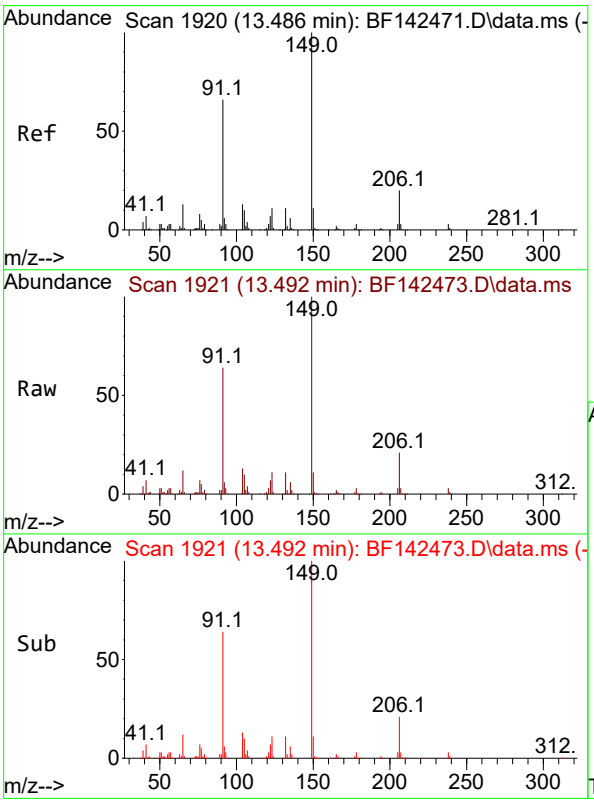
#79
Terphenyl-d14
Concen: 109.634 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1151893

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.3	7.9
122	10.4	8.2	12.2

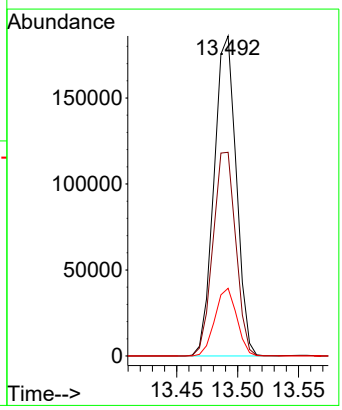


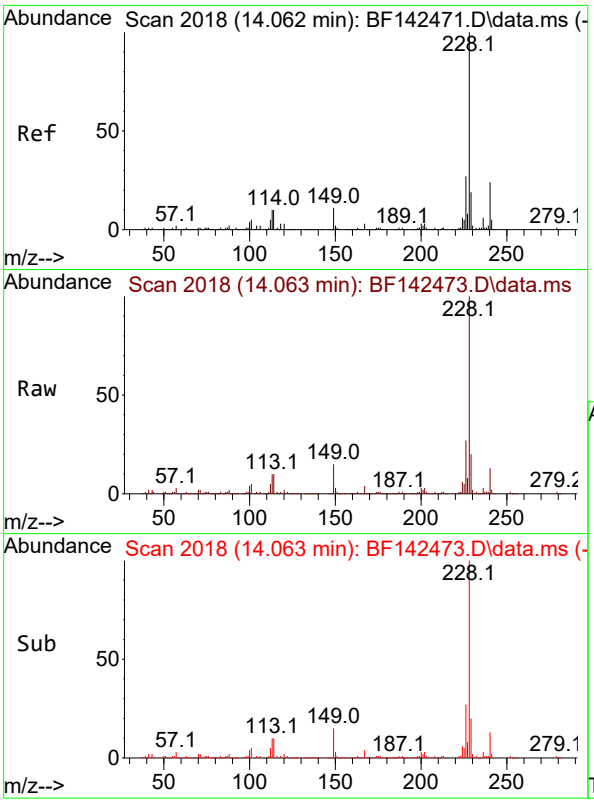


#80
Butylbenzylphthalate
Concen: 63.972 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 236758

Ion	Ratio	Lower	Upper
149	100		
91	63.7	52.9	79.3
206	21.2	16.2	24.2



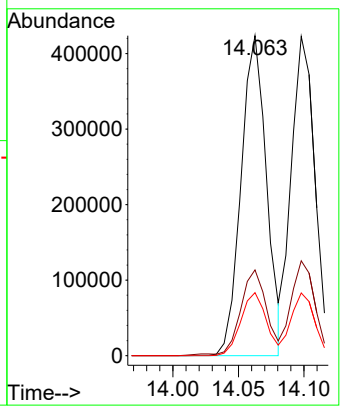


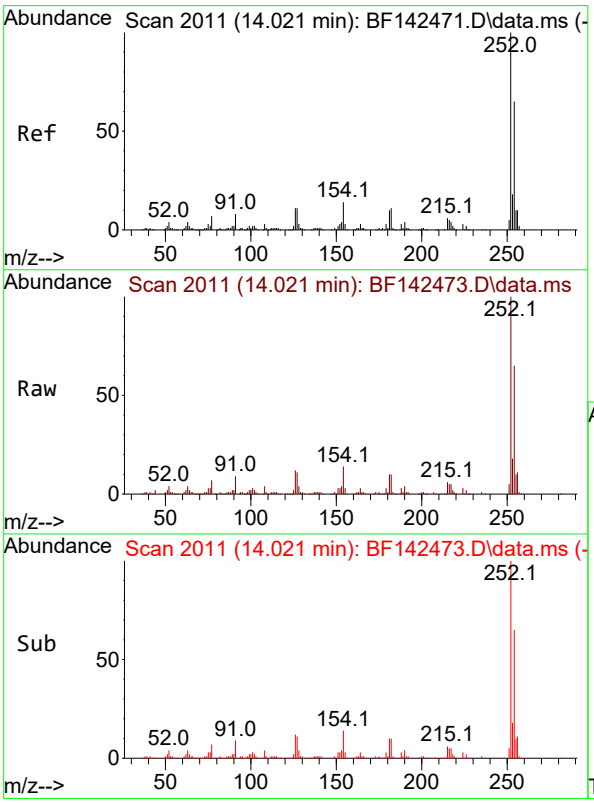
#81
Benzo(a)anthracene
Concen: 59.620 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 571607

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	19.7	15.5	23.3

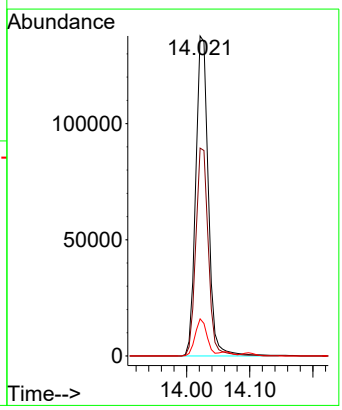


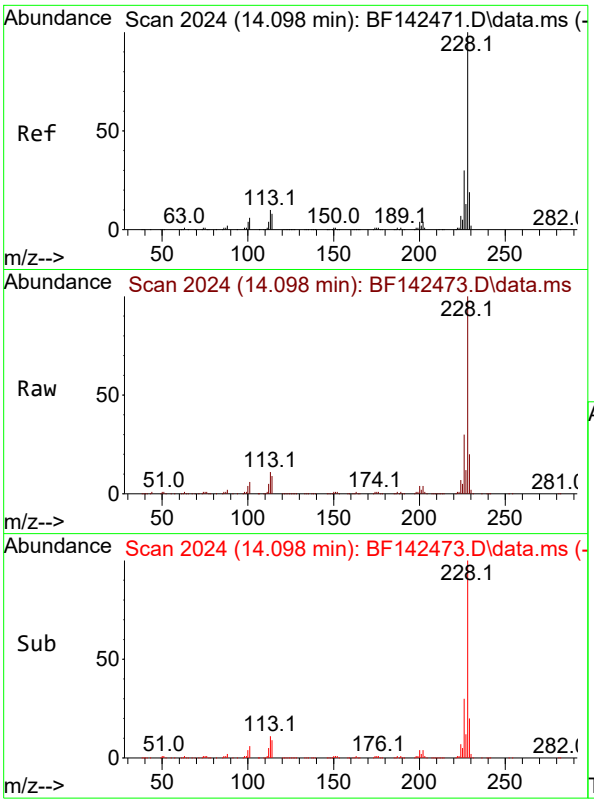


#82
3,3'-Dichlorobenzidine
Concen: 65.480 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 190415

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	11.6	8.9	13.3



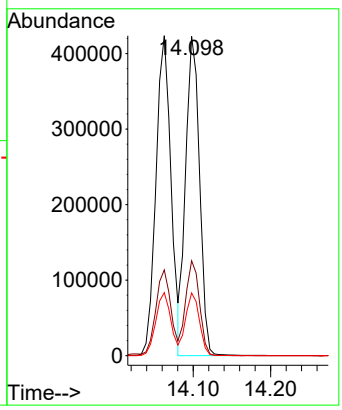


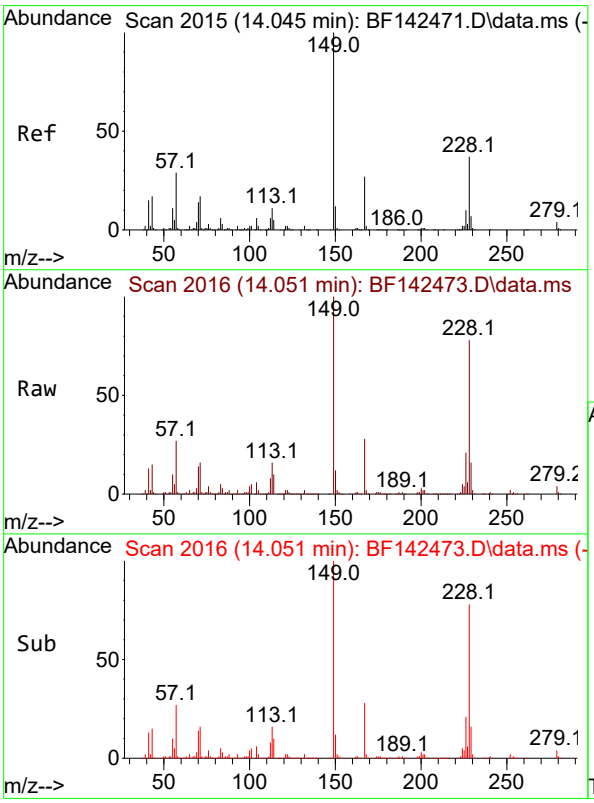
#83
Chrysene
Concen: 61.153 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 526831

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.6	15.4	23.2

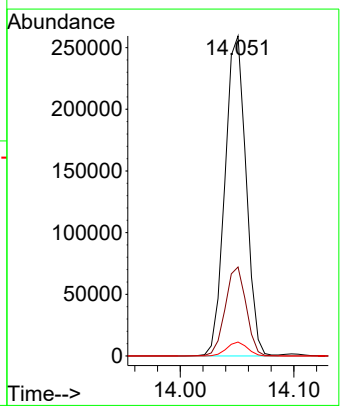


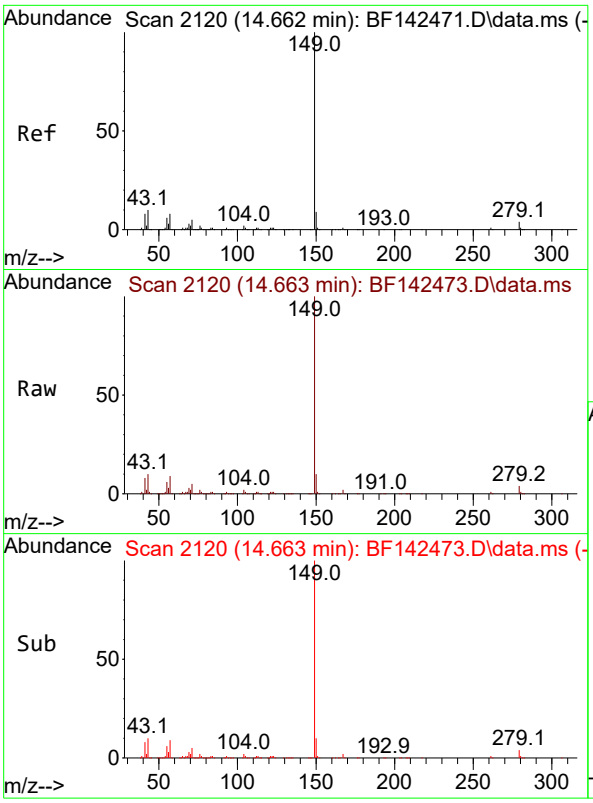


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.698 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 334950

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.4	3.2	4.8



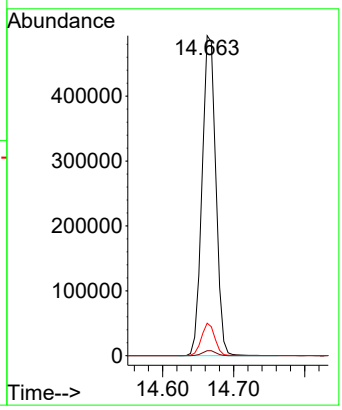


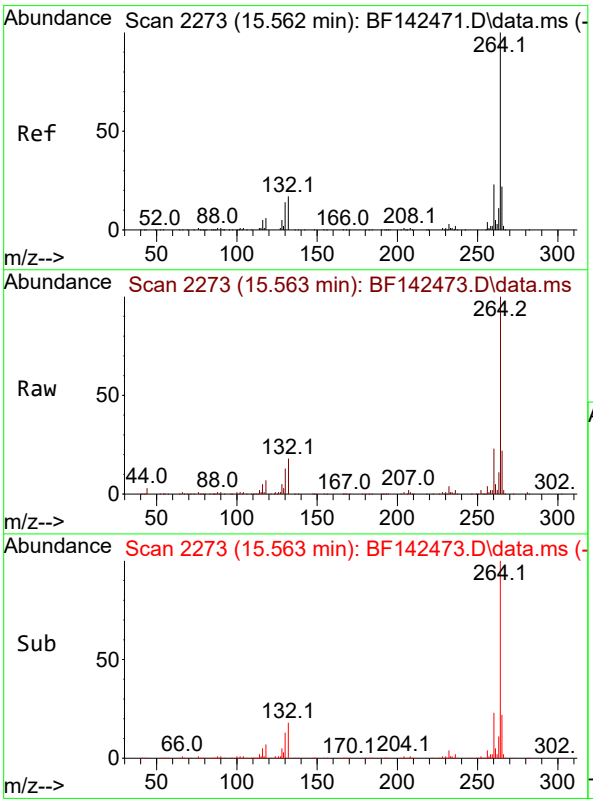
#85
Di-n-octyl phthalate
Concen: 71.701 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 664220

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

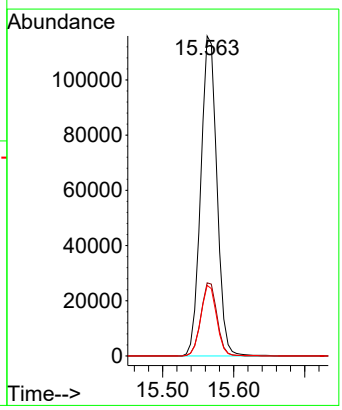


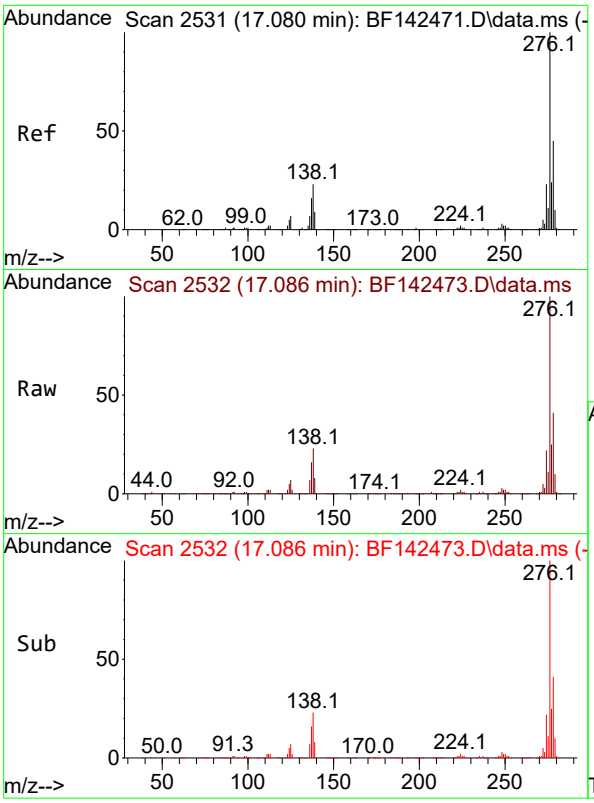


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:264 Resp: 183052

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	22.0	17.7	26.5



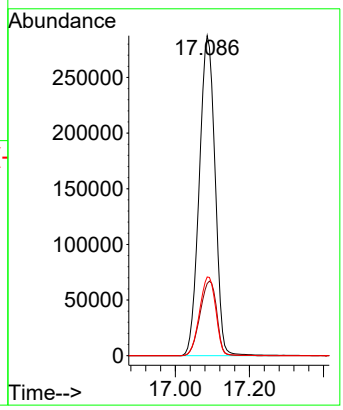


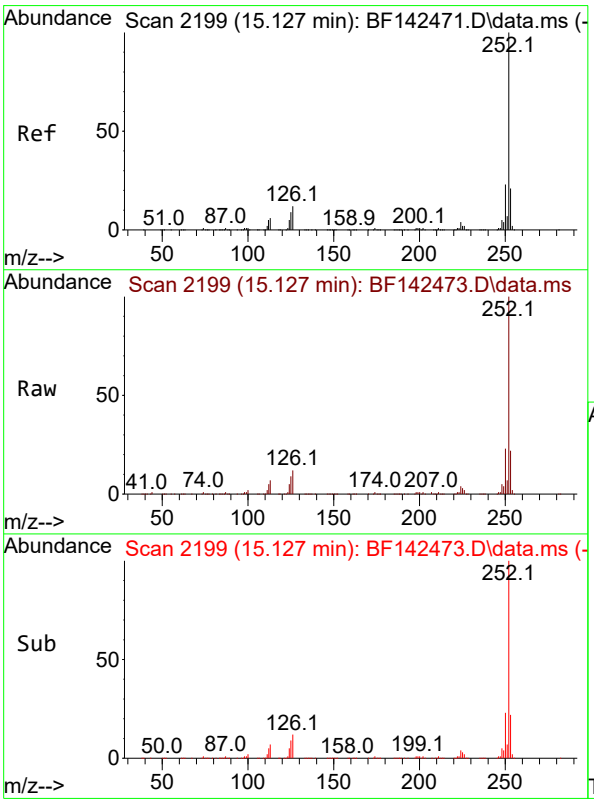
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.761 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 848752

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.3	20.2	30.2

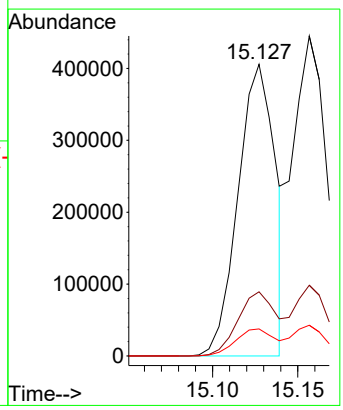


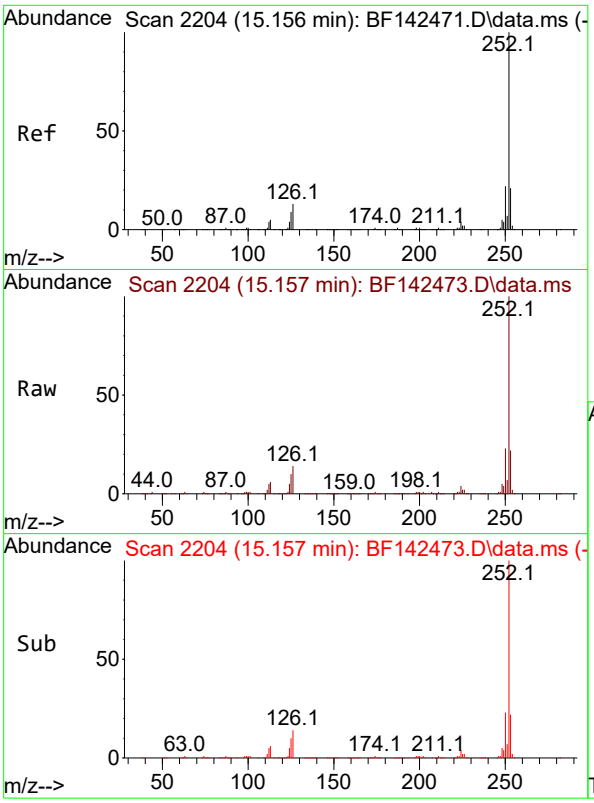


#88
Benzo(b)fluoranthene
Concen: 56.878 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 616210

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.3	7.4	11.0



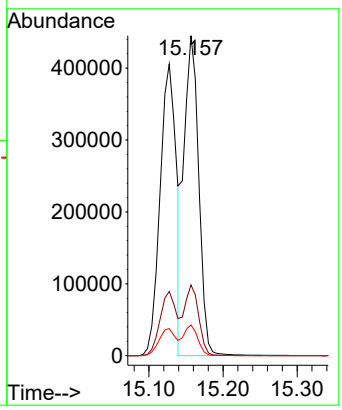


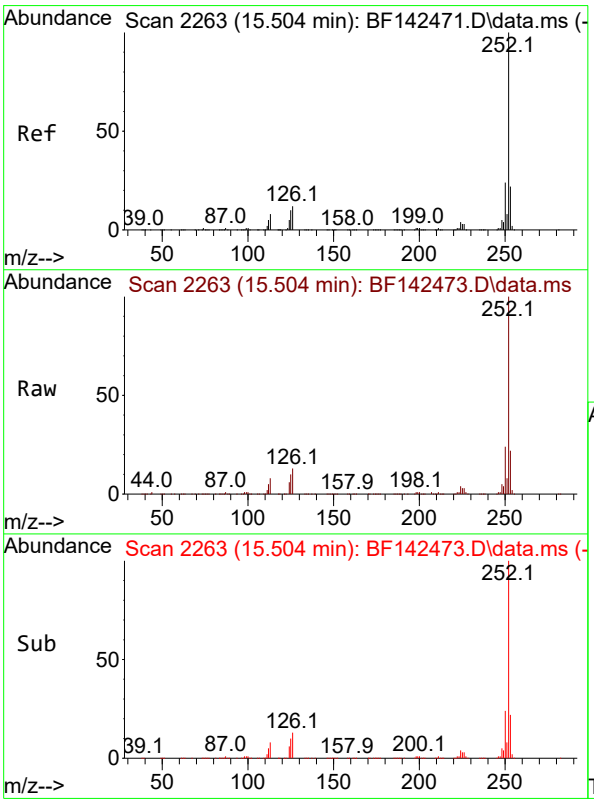
#89
Benzo(k)fluoranthene
Concen: 61.068 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 619660

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.6	7.3	10.9

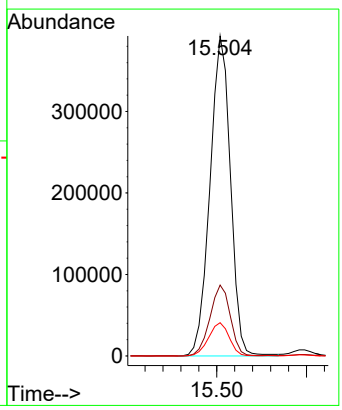


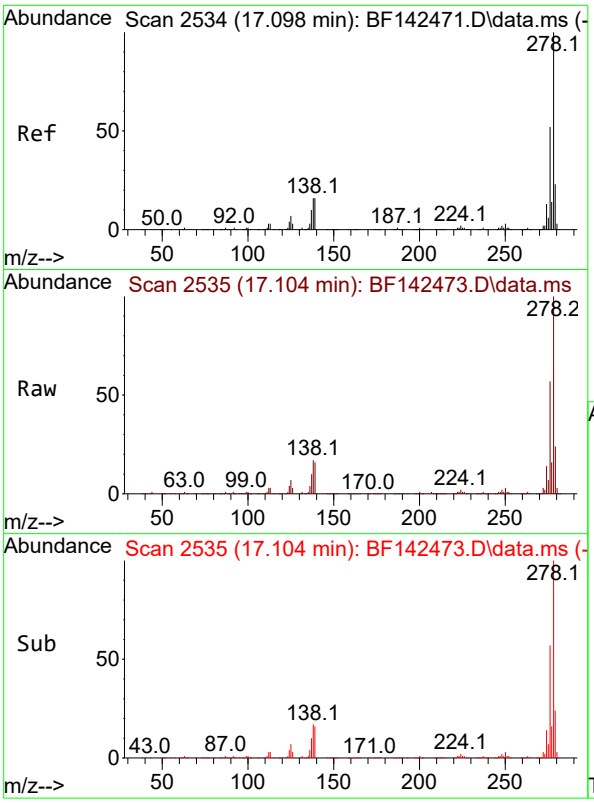


#90
Benzo(a)pyrene
Concen: 60.943 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 622347

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.4	7.9	11.9



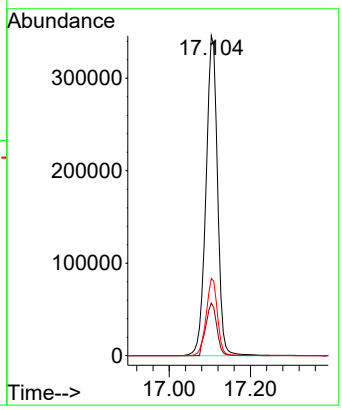


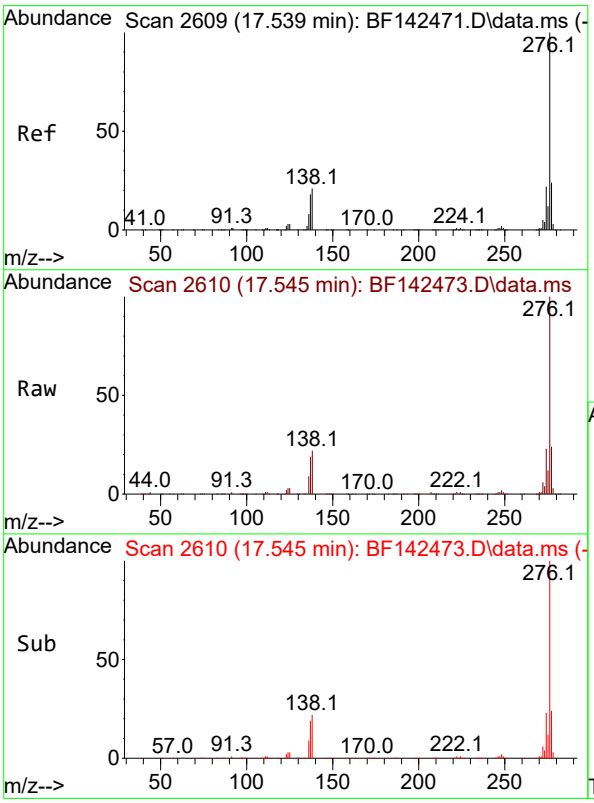
#91
Dibenzo(a,h)anthracene
Concen: 61.321 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 683473

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	24.1	18.6	28.0

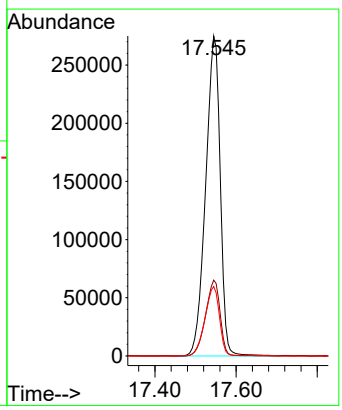




#92
Benzo(g,h,i)perylene
Concen: 61.313 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:276 Resp: 683528

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.7	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	92899	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	358380	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	188198	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	287337	20.000	ng		0.00
76) Chrysene-d12	14.074	240	154555	20.000	ng		0.00
86) Perylene-d12	15.568	264	196342	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	815861	147.959	ng		0.00
7) Phenol-d6	6.534	99	986649	148.644	ng		0.00
23) Nitrobenzene-d5	7.475	82	993768	151.205	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	304807	145.927	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1908541	136.080	ng		0.00
79) Terphenyl-d14	13.015	244	1392704	123.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	169363	76.756	ng		100
3) Pyridine	3.440	79	442247	78.706	ng		98
4) n-Nitrosodimethylamine	3.404	42	230814	79.114	ng		97
6) Aniline	6.569	93	671713	75.263	ng		99
8) 2-Chlorophenol	6.686	128	454577	75.687	ng		98
9) Benzaldehyde	6.451	77	219574	54.999	ng		97
10) Phenol	6.551	94	552574	73.985	ng		87
11) bis(2-Chloroethyl)ether	6.639	93	410501	76.354	ng		100
12) 1,3-Dichlorobenzene	6.845	146	489261	73.004	ng		100
13) 1,4-Dichlorobenzene	6.922	146	495948	73.465	ng		99
14) 1,2-Dichlorobenzene	7.075	146	477210	73.875	ng		100
15) Benzyl Alcohol	7.045	79	381381	77.750	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	663576	73.497	ng		99
17) 2-Methylphenol	7.151	107	358569	76.467	ng		99
18) Hexachloroethane	7.416	117	177426	75.267	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	304362	73.987	ng		97
20) 3+4-Methylphenols	7.310	107	426933	71.097	ng		94
22) Acetophenone	7.316	105	571777	72.072	ng	#	95
24) Nitrobenzene	7.492	77	452330	76.309	ng		98
25) Isophorone	7.733	82	838652	76.321	ng		99
26) 2-Nitrophenol	7.804	139	248427	78.434	ng		99
27) 2,4-Dimethylphenol	7.839	122	422403	75.623	ng		99
28) bis(2-Chloroethoxy)met...	7.939	93	513063	74.744	ng		98
29) 2,4-Dichlorophenol	8.045	162	381590	75.121	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	406857	73.801	ng		98
31) Naphthalene	8.210	128	1277048	72.369	ng		99
32) Benzoic acid	7.975	122	288731	84.918	ng		99
33) 4-Chloroaniline	8.257	127	492168	68.830	ng		100
34) Hexachlorobutadiene	8.328	225	252445	73.338	ng		98
35) Caprolactam	8.645	113	109232	76.565	ng		100
36) 4-Chloro-3-methylphenol	8.739	107	388740	74.674	ng		99
37) 2-Methylnaphthalene	8.898	142	796463	71.742	ng		100
38) 1-Methylnaphthalene	8.998	142	811747	70.689	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	409177	75.740	ng		100
41) Hexachlorocyclopentadiene	9.051	237	309537	84.936	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	285072	78.254	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

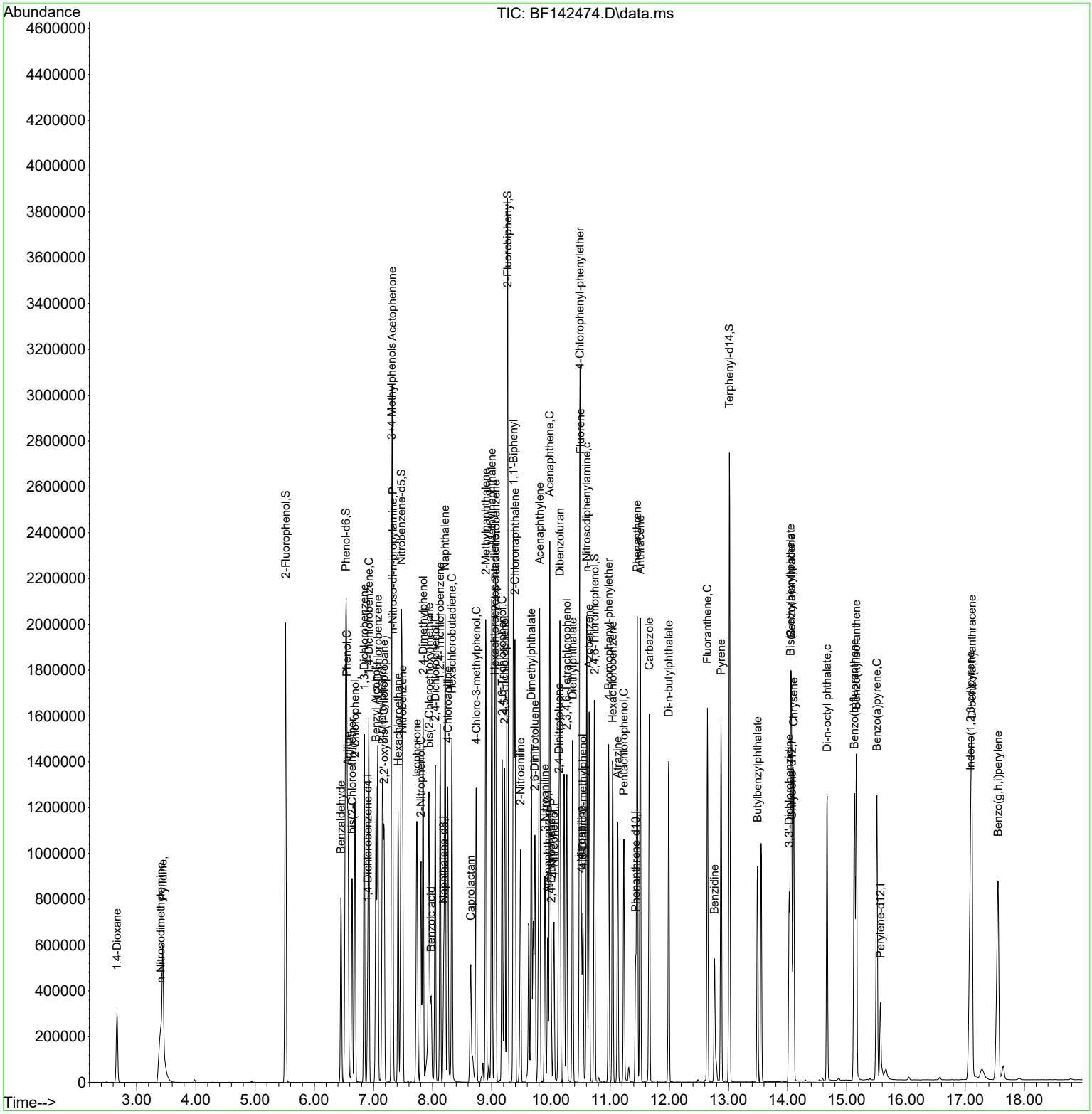
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	287041	74.712	ng	99
46) 1,1'-Biphenyl	9.369	154	1059787	72.584	ng	100
47) 2-Chloronaphthalene	9.392	162	798539	74.024	ng	99
48) 2-Nitroaniline	9.486	65	241162	77.343	ng	99
49) Acenaphthylene	9.810	152	1313668	72.118	ng	99
50) Dimethylphthalate	9.669	163	911534	73.405	ng	100
51) 2,6-Dinitrotoluene	9.727	165	201545	75.198	ng	96
52) Acenaphthene	9.980	154	810811	72.896	ng	100
53) 3-Nitroaniline	9.898	138	216422	73.930	ng	100
54) 2,4-Dinitrophenol	10.004	184	119082	85.999	ng	94
55) Dibenzofuran	10.151	168	1136276	70.990	ng	99
56) 4-Nitrophenol	10.051	139	165537	76.638	ng	99
57) 2,4-Dinitrotoluene	10.133	165	259035	74.005	ng	99
58) Fluorene	10.498	166	857882	69.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	238382	74.324	ng	99
60) Diethylphthalate	10.369	149	858326	70.773	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	426386	70.193	ng	99
62) 4-Nitroaniline	10.516	138	188782	71.105	ng	98
63) Azobenzene	10.645	77	794029	72.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	141863	88.468	ng	99
66) n-Nitrosodiphenylamine	10.604	169	758366	77.145	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	264739	77.920	ng	98
68) Hexachlorobenzene	11.045	284	287676	76.555	ng	98
69) Atrazine	11.127	200	199929	76.581	ng	99
70) Pentachlorophenol	11.233	266	177504	83.666	ng	99
71) Phenanthrene	11.457	178	1107683	72.134	ng	100
72) Anthracene	11.510	178	1144182	73.009	ng	99
73) Carbazole	11.663	167	956069	71.360	ng	99
74) Di-n-butylphthalate	11.992	149	1043468	71.153	ng	100
75) Fluoranthene	12.645	202	972105	67.750	ng	99
77) Benzidine	12.763	184	343909	59.795	ng	100
78) Pyrene	12.874	202	931844	64.632	ng	100
80) Butylbenzylphthalate	13.492	149	319716	80.252	ng	98
81) Benzo(a)anthracene	14.062	228	765441	74.167	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	257542	82.274	ng	99
83) Chrysene	14.104	228	715970	77.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	449654	88.168	ng	99
85) Di-n-octyl phthalate	14.668	149	888230	89.073	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	1126401	76.417	ng	100
88) Benzo(b)fluoranthene	15.127	252	874640	75.267	ng	98
89) Benzo(k)fluoranthene	15.162	252	803775	73.850	ng	99
90) Benzo(a)pyrene	15.509	252	833783	76.121	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	902757	75.513	ng	99
92) Benzo(g,h,i)perylene	17.556	276	909649	76.073	ng	99

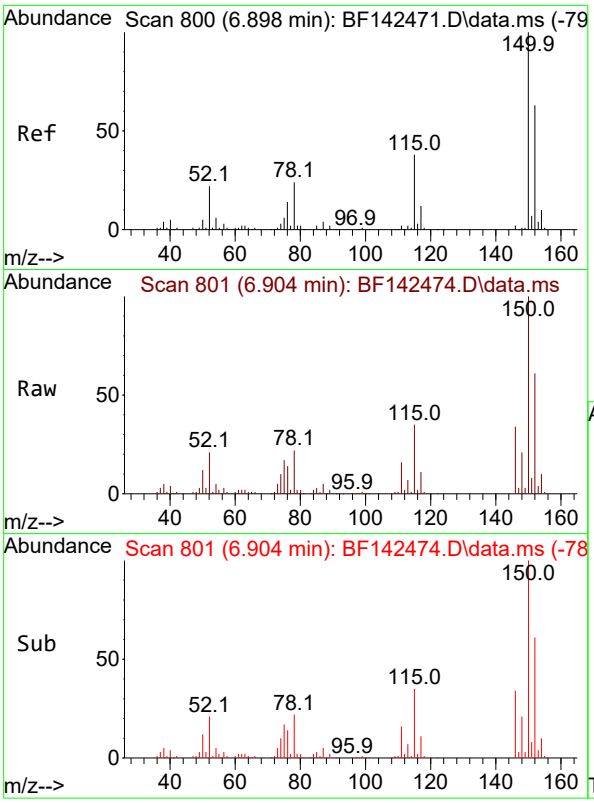
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



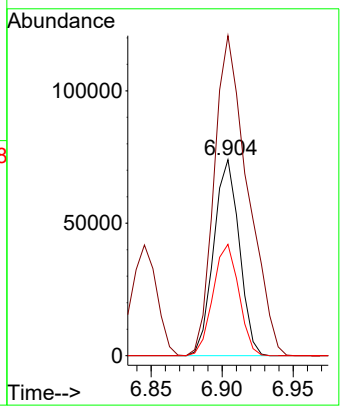


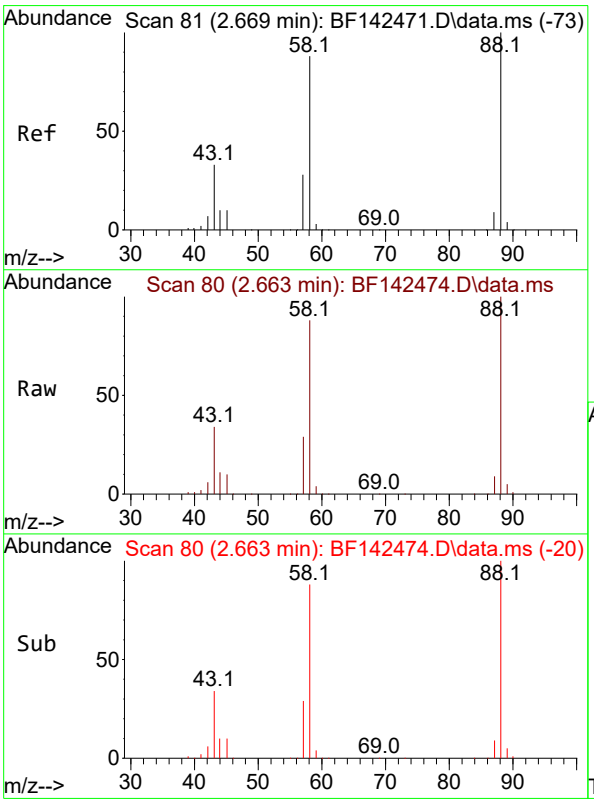
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 92899

Ion	Ratio	Lower	Upper
152	100		
150	163.3	128.2	192.4
115	56.9	48.3	72.5

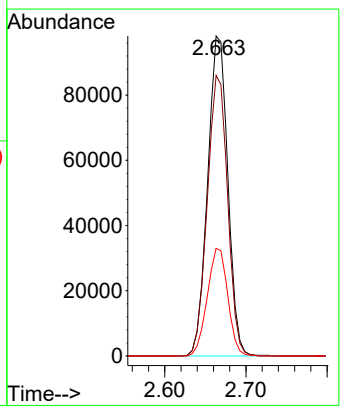


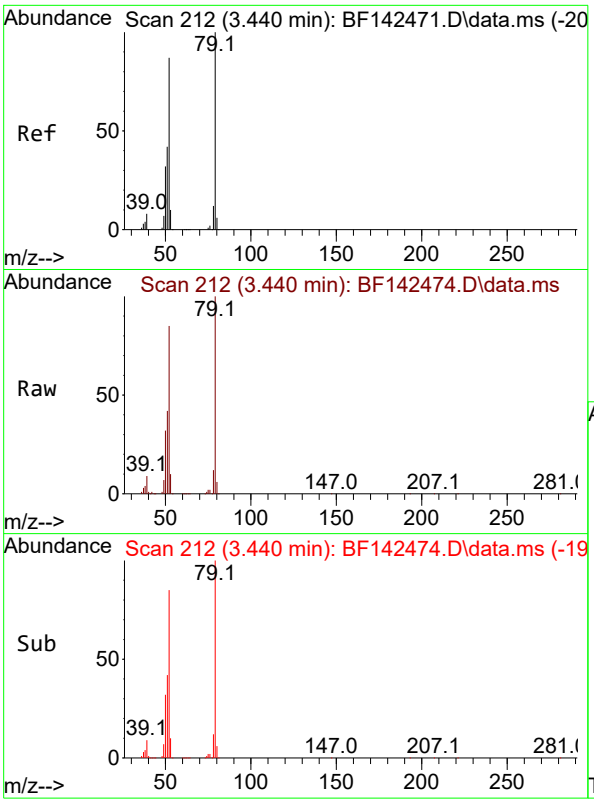


#2
1,4-Dioxane
Concen: 76.756 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 88 Resp: 169363

Ion	Ratio	Lower	Upper
88	100		
58	88.4	70.8	106.2
43	34.1	26.6	40.0



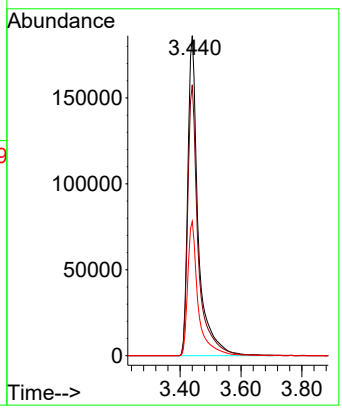


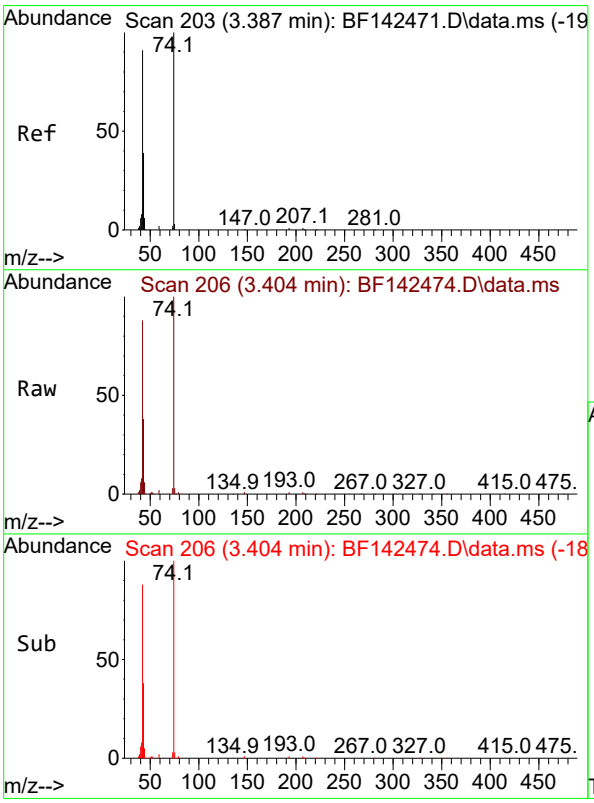
#3
Pyridine
Concen: 78.706 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 442247

Ion	Ratio	Lower	Upper
79	100		
52	84.6	69.2	103.8
51	42.0	33.3	49.9

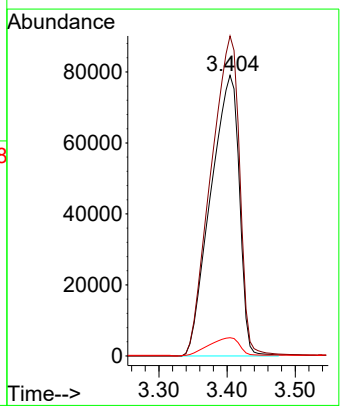


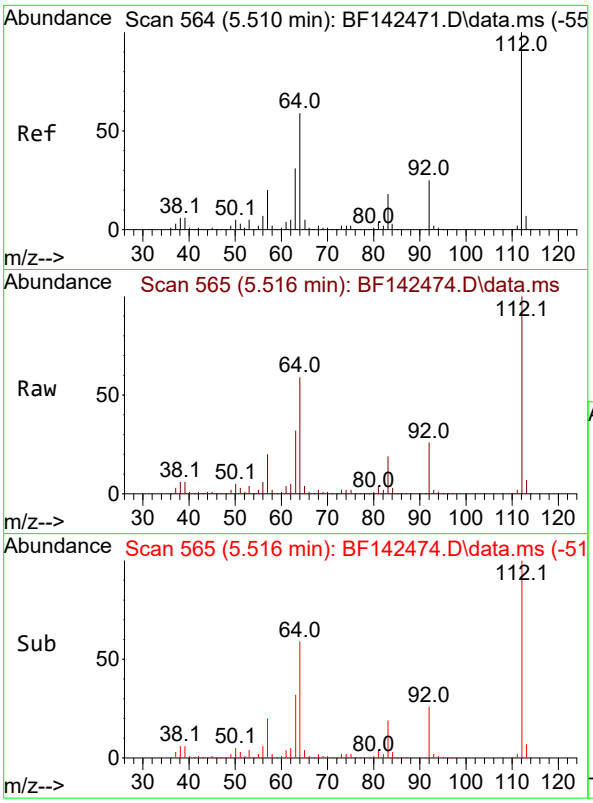


#4
n-Nitrosodimethylamine
Concen: 79.114 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 42 Resp: 230814

Ion	Ratio	Lower	Upper
42	100		
74	114.0	88.2	132.4
44	6.5	5.4	8.2



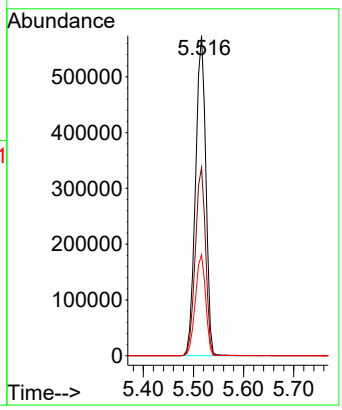


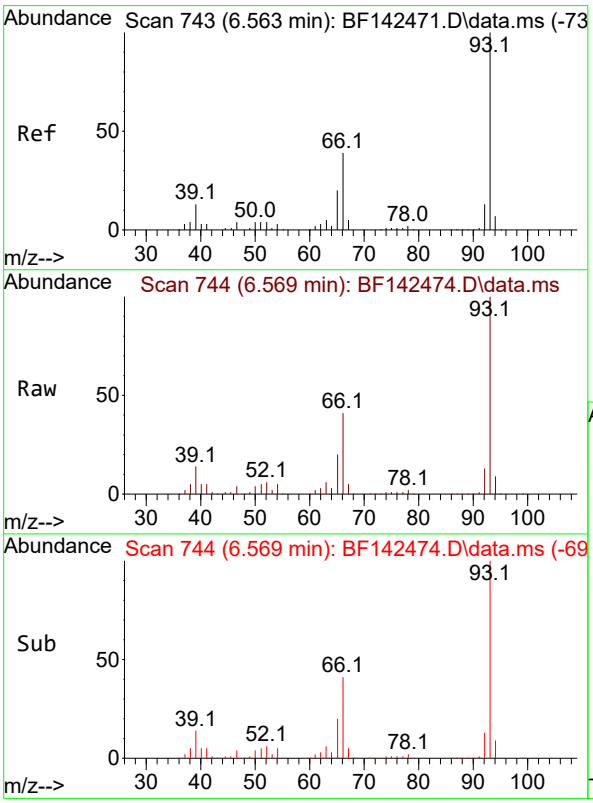
#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 815861

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.5	71.3
63	31.5	24.9	37.3

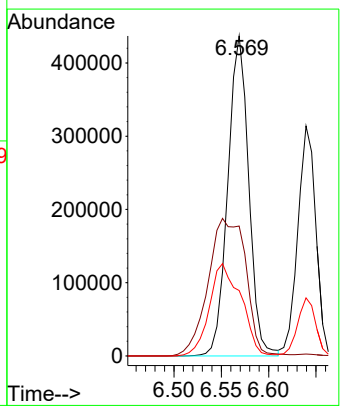


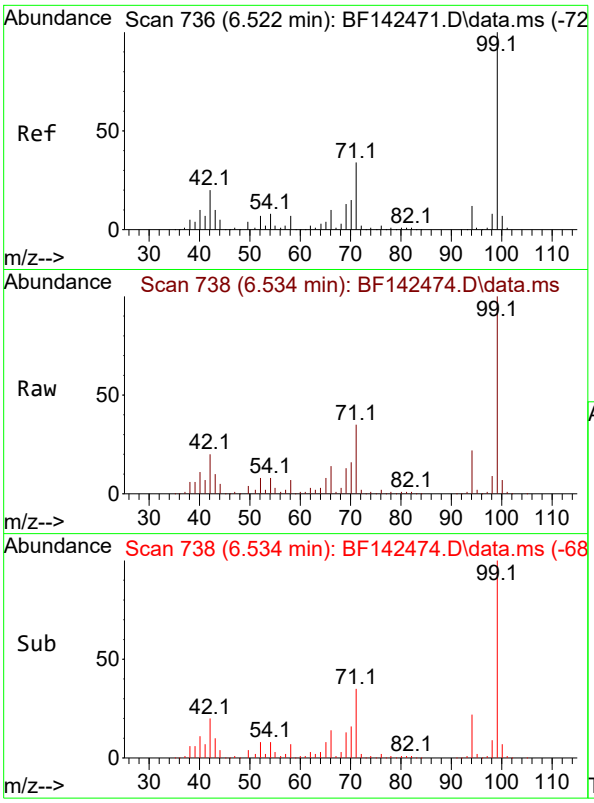


#6
Aniline
Concen: 75.263 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 671713

Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.0	48.0
65	20.5	16.1	24.1



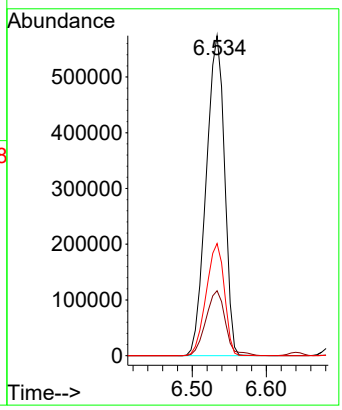


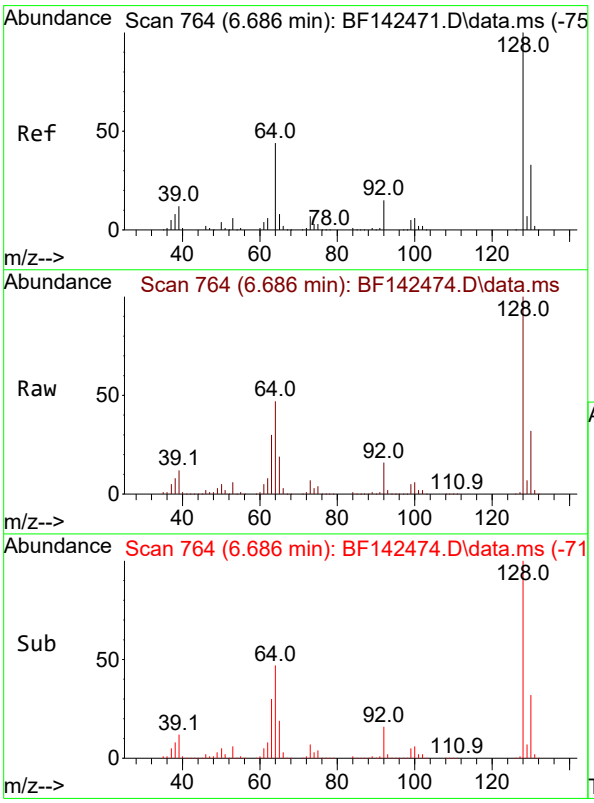
#7
Phenol-d6
Concen: 148.644 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 986649

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	35.1	27.3	40.9

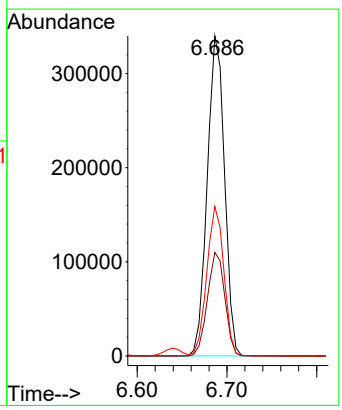


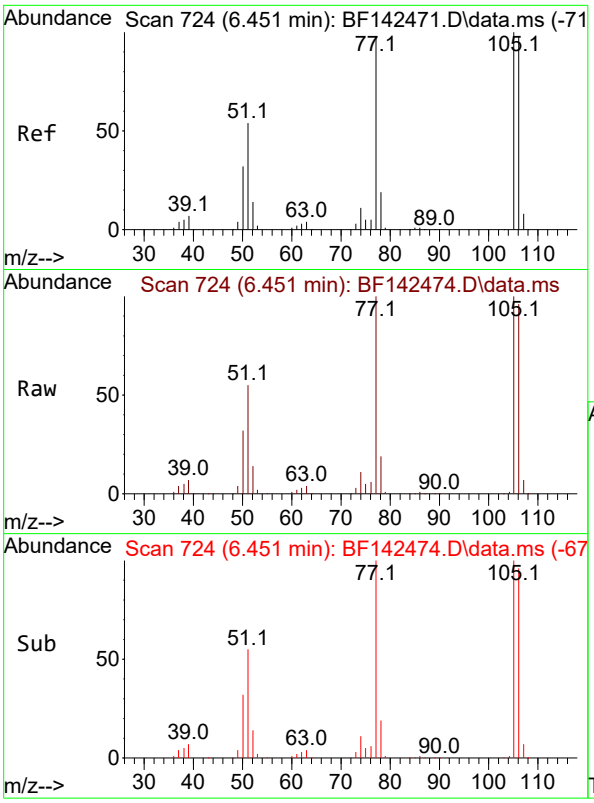


#8
2-Chlorophenol
Concen: 75.687 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:128 Resp: 454577

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.7	25.1	65.1



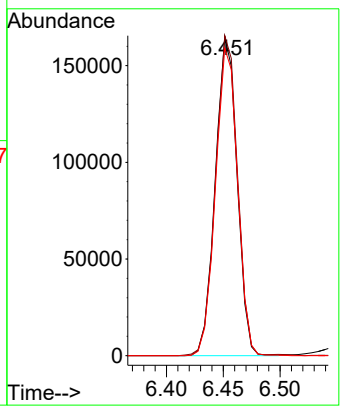


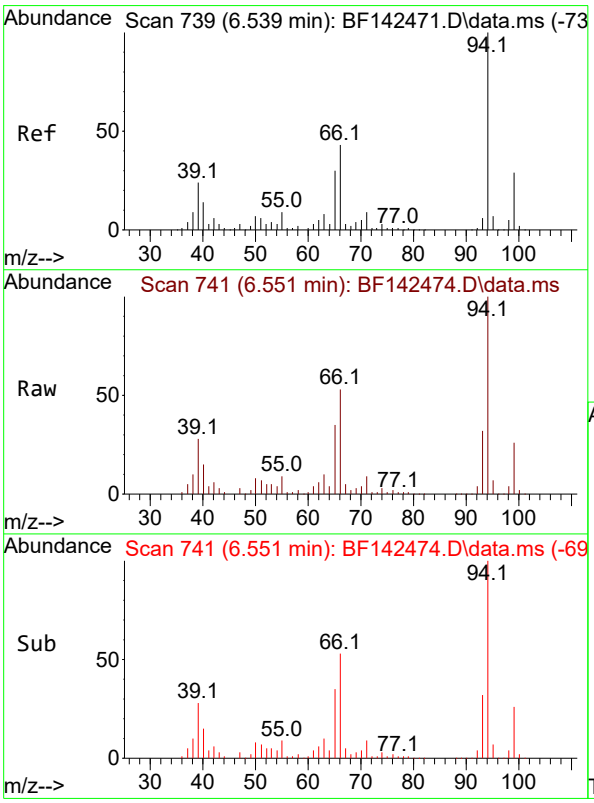
#9
Benzaldehyde
Concen: 54.999 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 219574

Ion	Ratio	Lower	Upper
77	100		
105	100.3	82.5	122.5
106	96.4	80.0	120.0

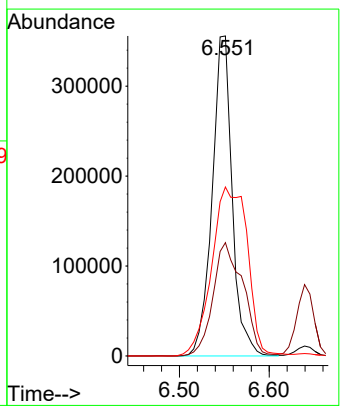


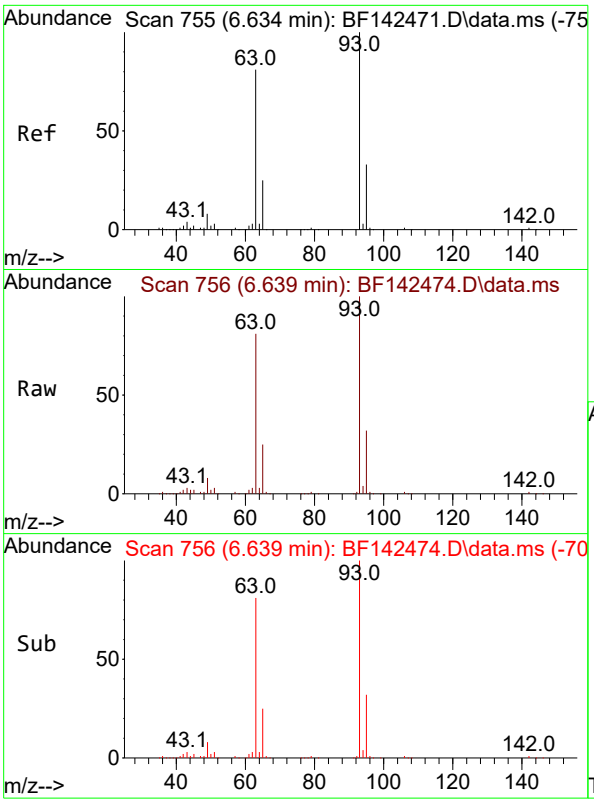


#10
Phenol
Concen: 73.985 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 94 Resp: 552574

Ion	Ratio	Lower	Upper
94	100		
65	35.4	10.3	50.3
66	52.8	22.6	62.6



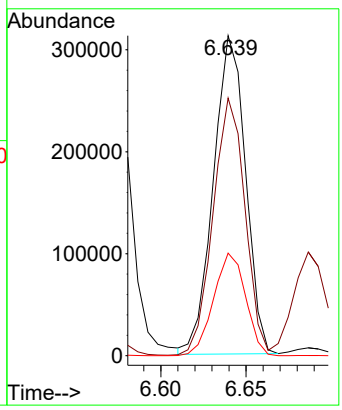


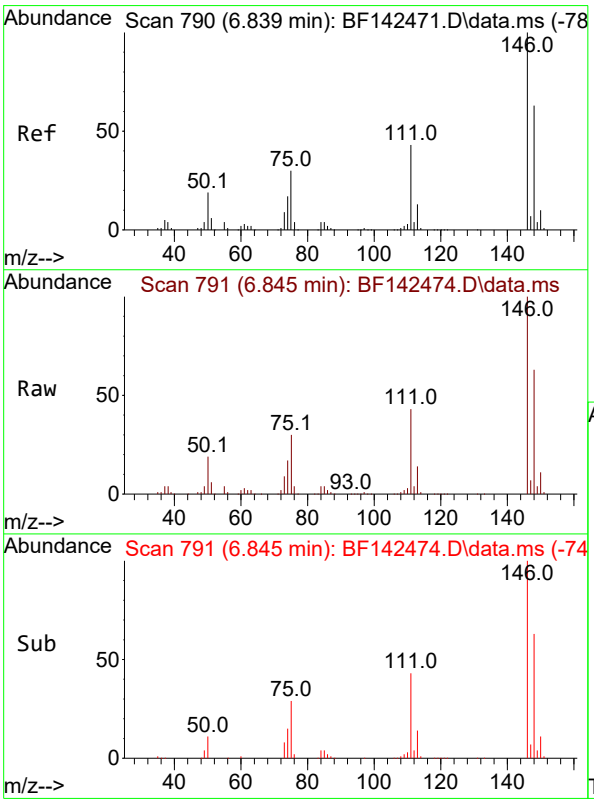
#11
bis(2-Chloroethyl)ether
Concen: 76.354 ng
RT: 6.639 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 410501

Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.2	100.2
95	32.1	12.3	52.3

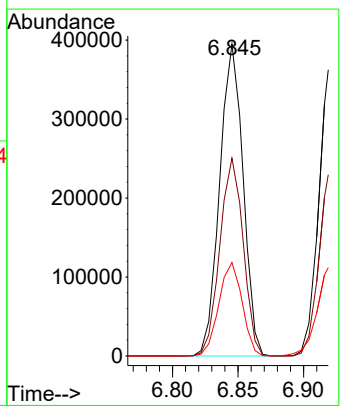


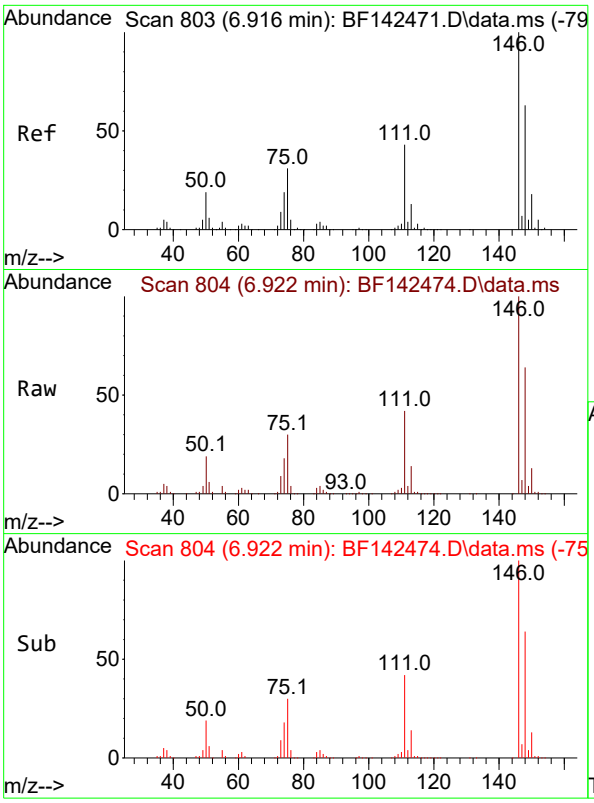


#12
1,3-Dichlorobenzene
Concen: 73.004 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:146 Resp: 489261

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
75	30.0	23.8	35.6



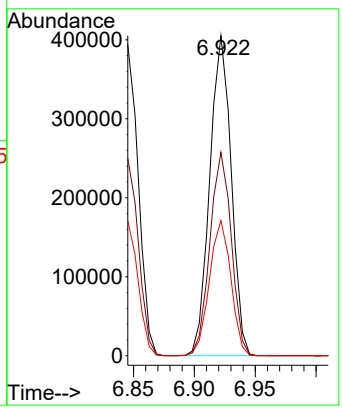


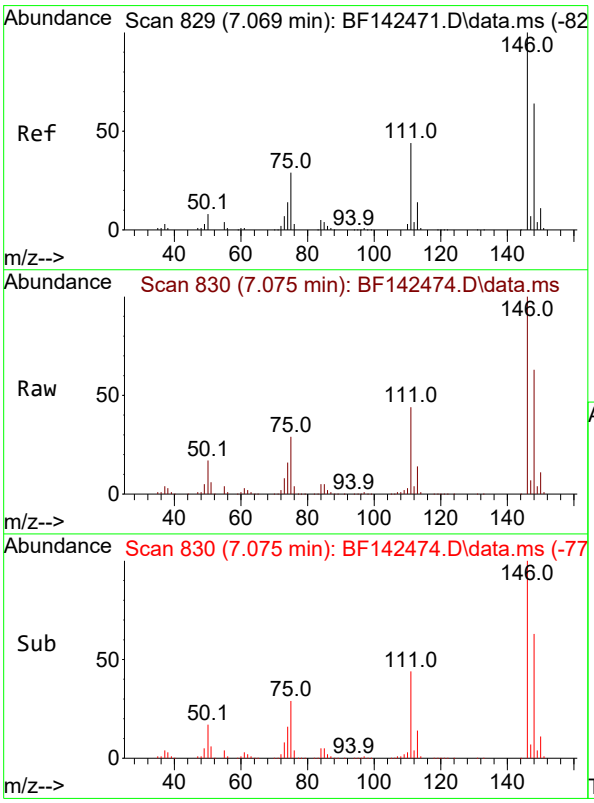
#13
1,4-Dichlorobenzene
Concen: 73.465 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 495948

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	42.2	34.1	51.1

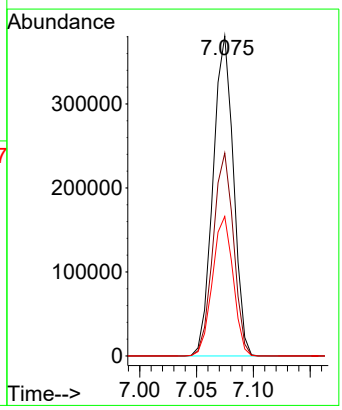


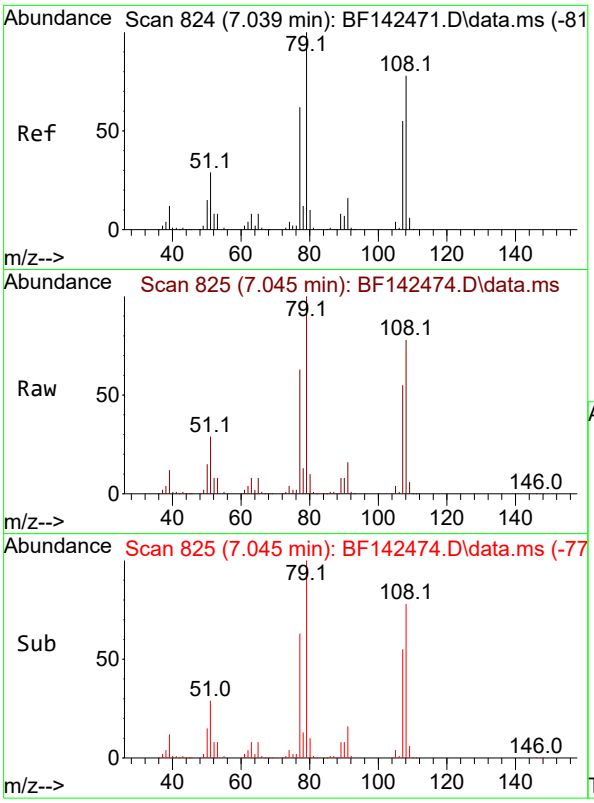


#14
1,2-Dichlorobenzene
Concen: 73.875 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:146 Resp: 477210

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
111	43.6	35.0	52.6



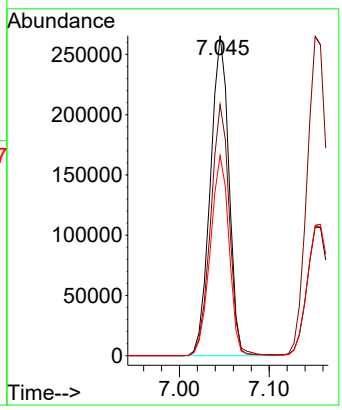


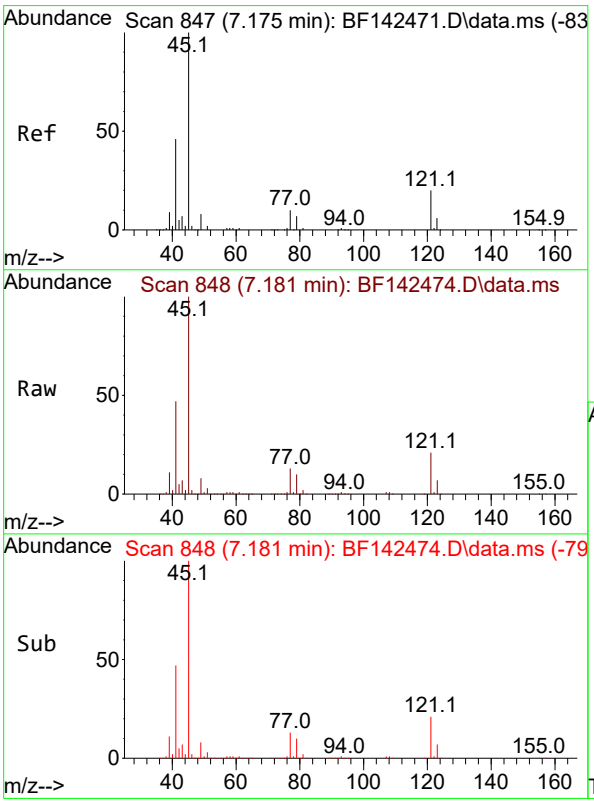
#15
Benzyl Alcohol
Concen: 77.750 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 381381

Ion	Ratio	Lower	Upper
79	100		
108	78.5	62.1	93.1
77	62.5	49.5	74.3

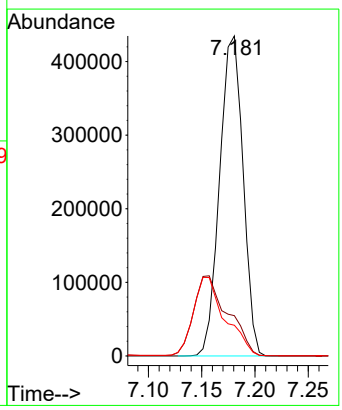


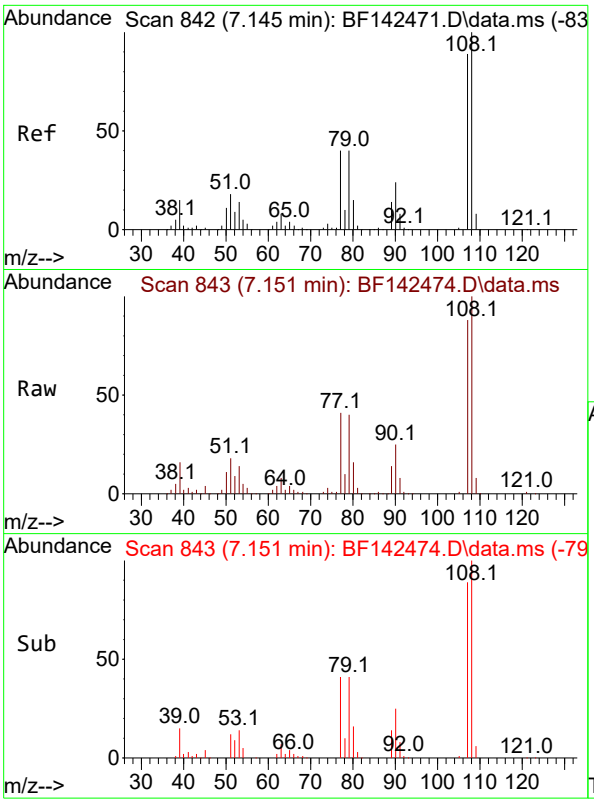


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.497 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 45 Resp: 663576

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.0
79	9.6	0.0	29.2



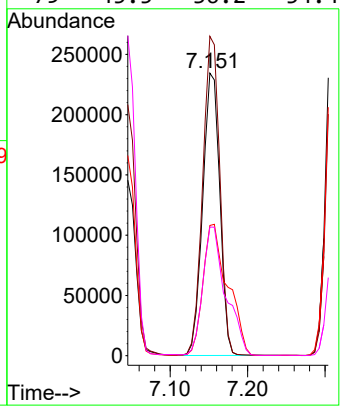


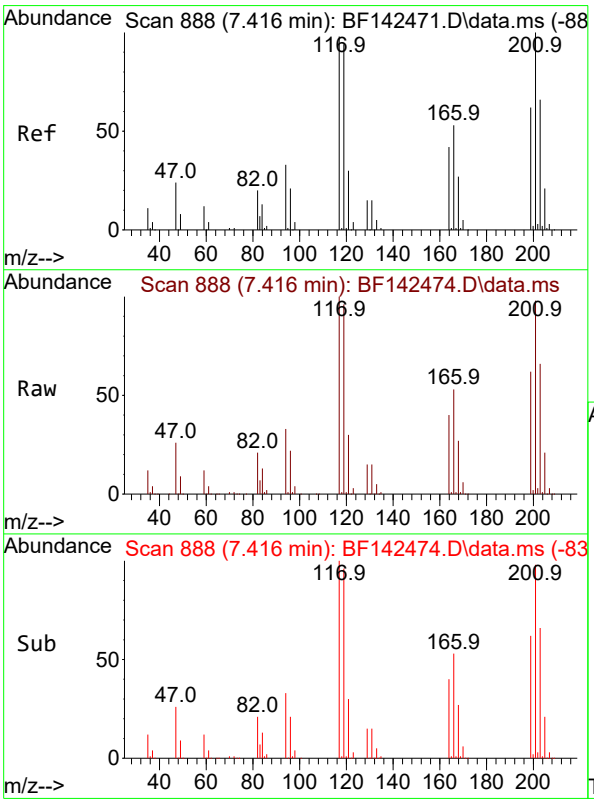
#17
2-Methylphenol
Concen: 76.467 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 358569

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.2
77	46.1	36.1	54.1
79	45.5	36.2	54.4

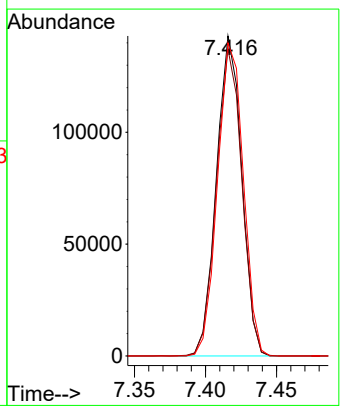


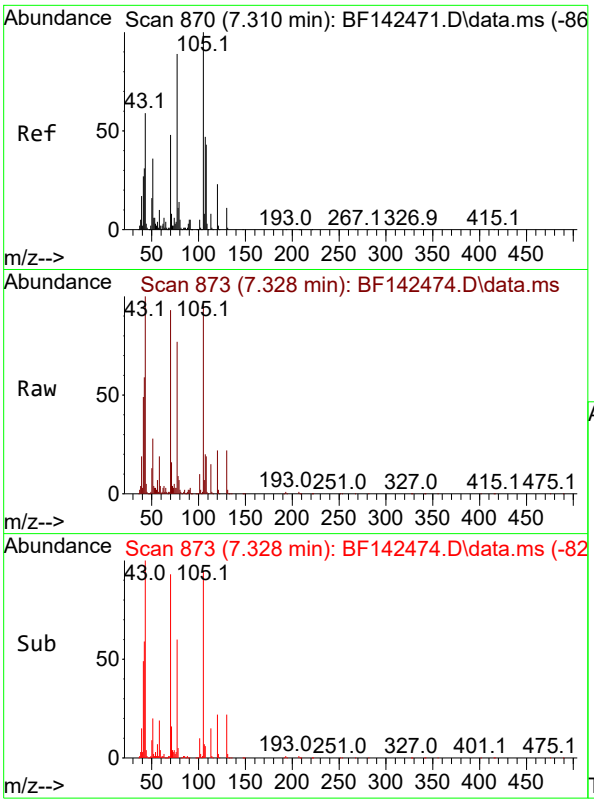


#18
Hexachloroethane
Concen: 75.267 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:117 Resp: 177426

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	97.9	81.3	121.9



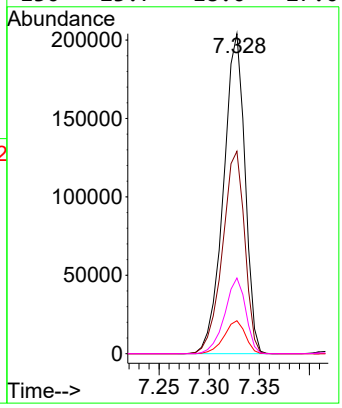


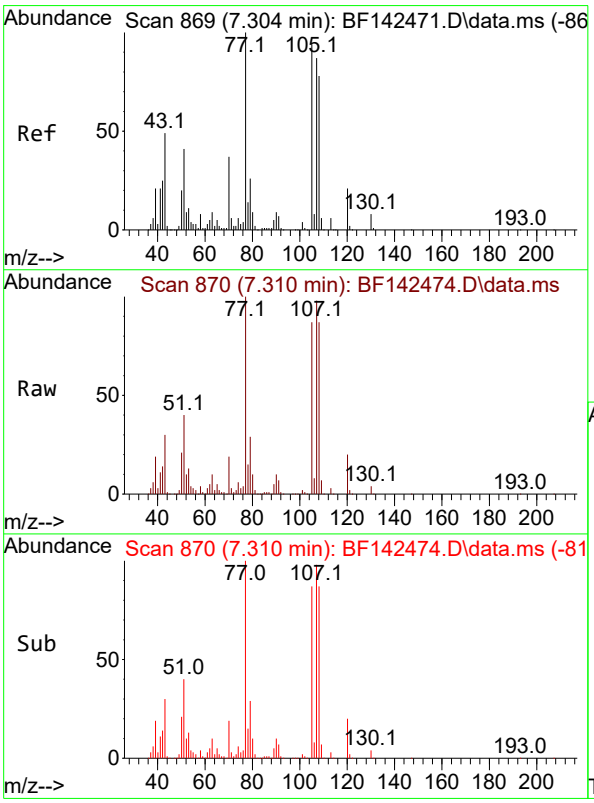
#19
n-Nitroso-di-n-propylamine
Concen: 73.987 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 304362

Ion	Ratio	Lower	Upper
70	100		
42	63.3	52.4	78.6
101	10.3	7.8	11.8
130	23.7	18.0	27.0

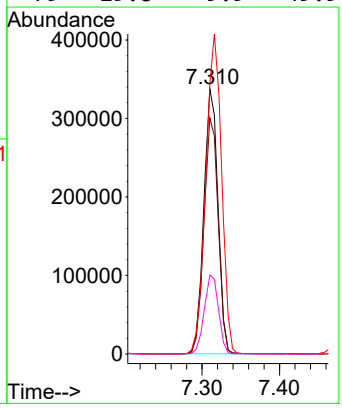


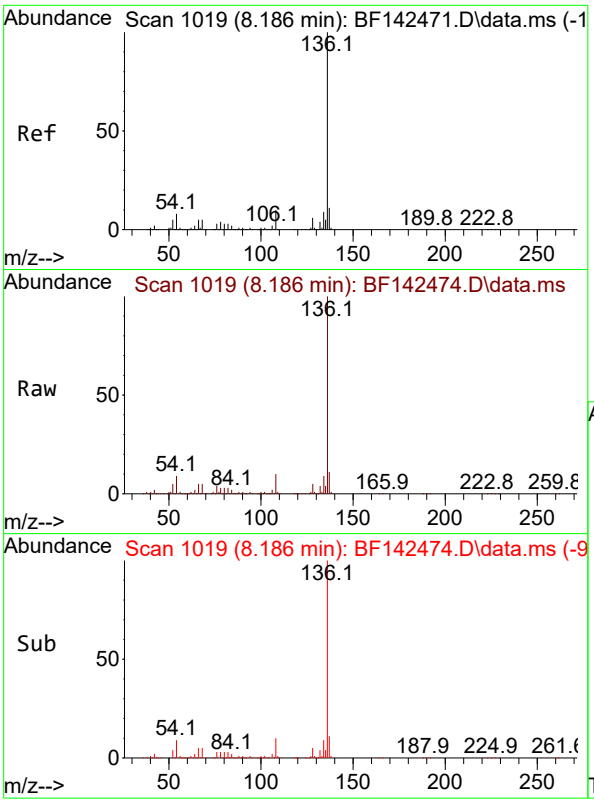


#20
3+4-Methylphenols
Concen: 71.097 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:107 Resp: 426933

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.4	110.4
77	102.1	95.4	135.4
79	29.8	9.9	49.9



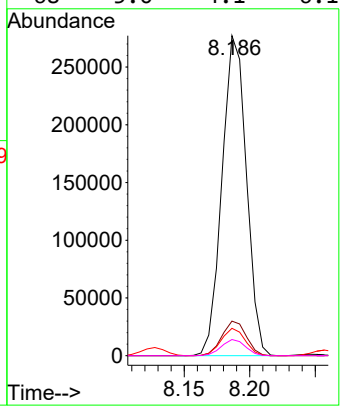


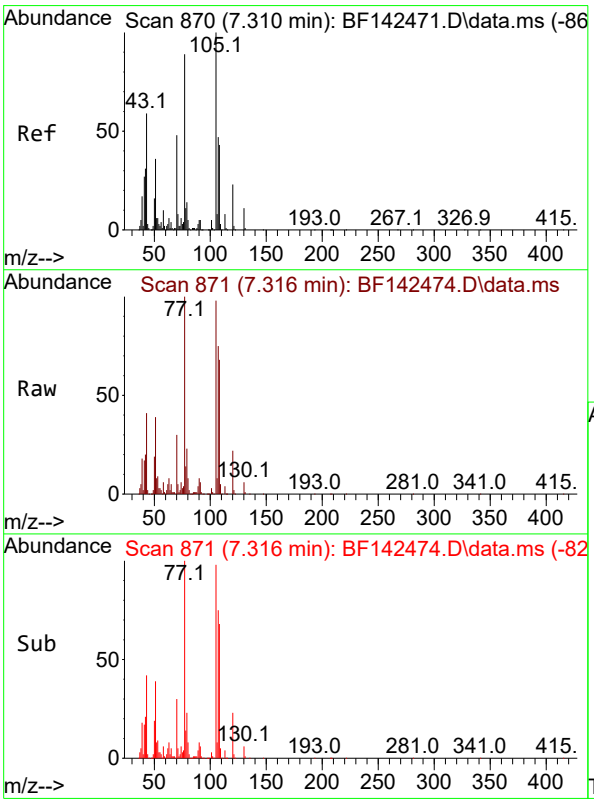
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 358380

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.6	10.0
68	5.0	4.1	6.1

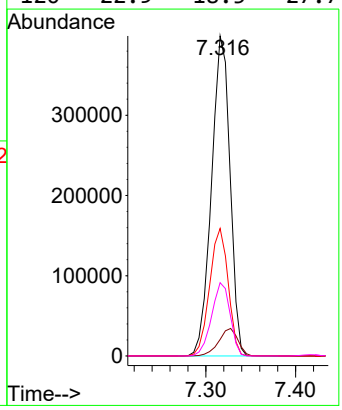


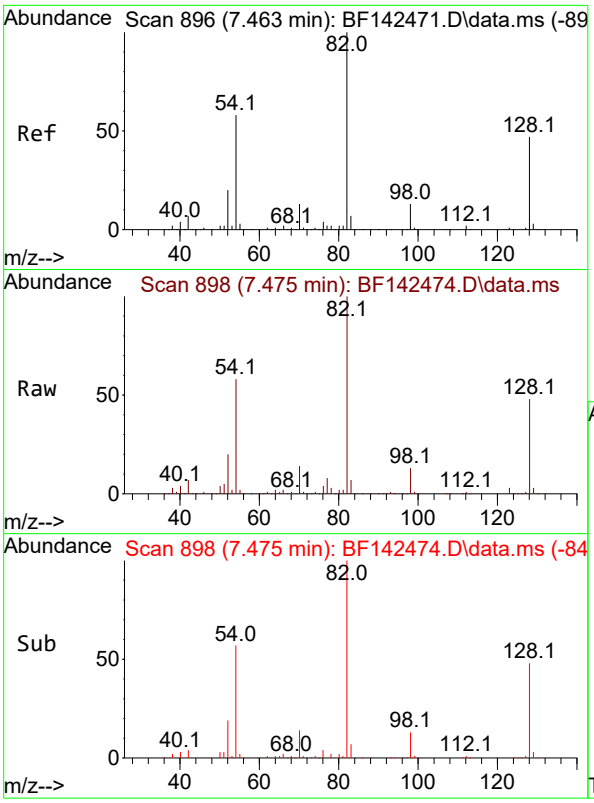


#22
Acetophenone
Concen: 72.072 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:105 Resp: 571777

Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.4	9.6#
51	39.9	28.6	42.8
120	22.9	18.5	27.7



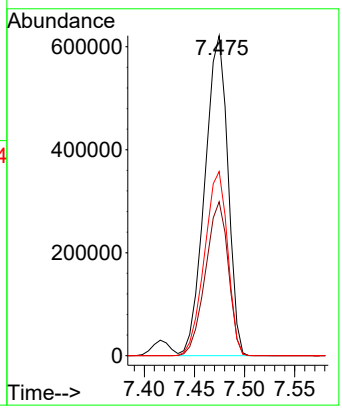


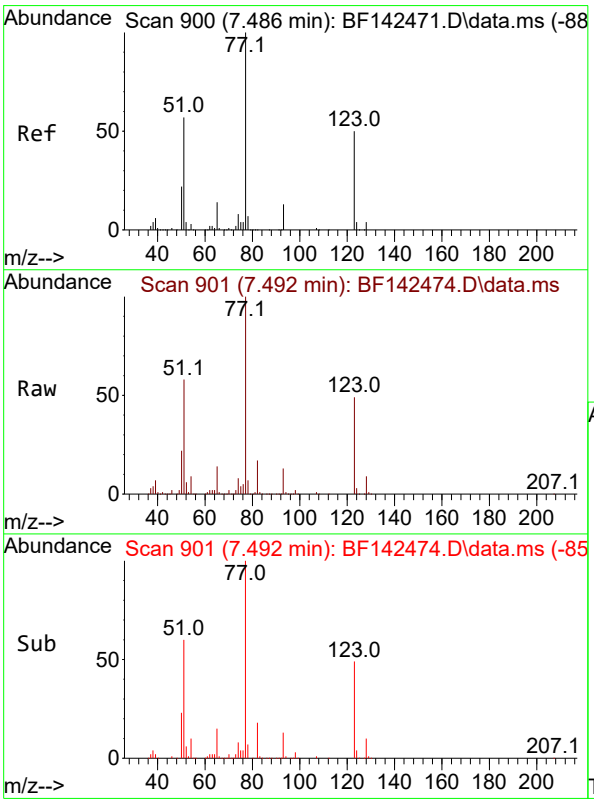
#23
Nitrobenzene-d5
Concen: 151.205 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 993768

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.2
54	57.5	46.6	70.0

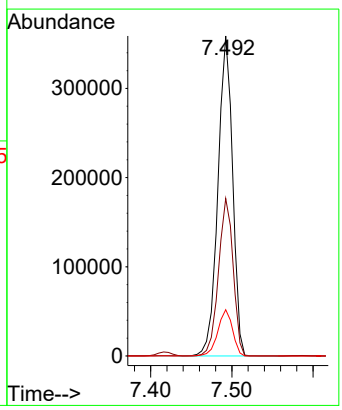


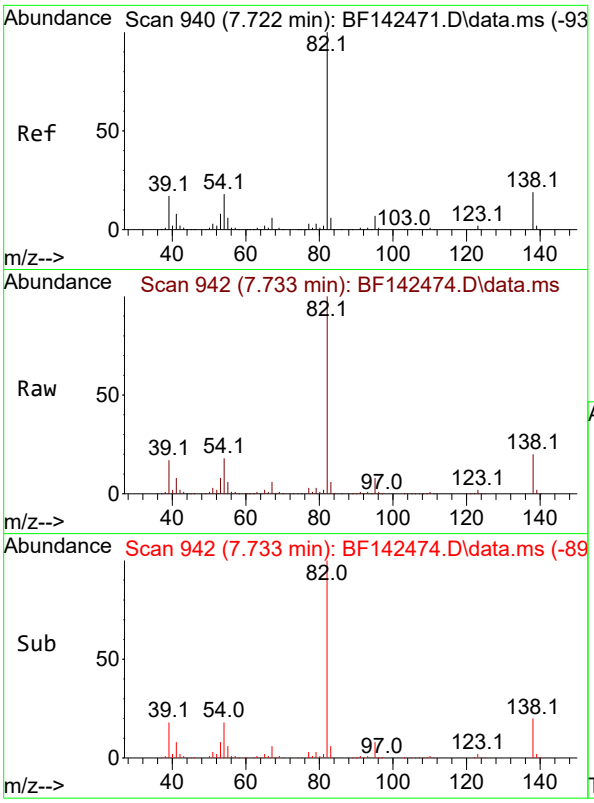


#24
Nitrobenzene
Concen: 76.309 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 77 Resp: 452330

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.6	61.0
65	14.5	11.4	17.2



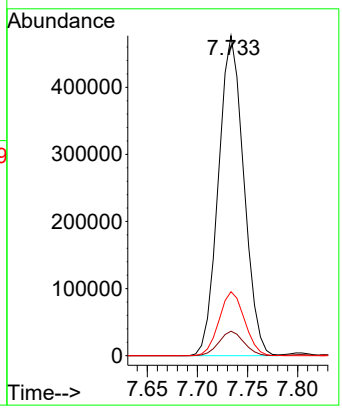


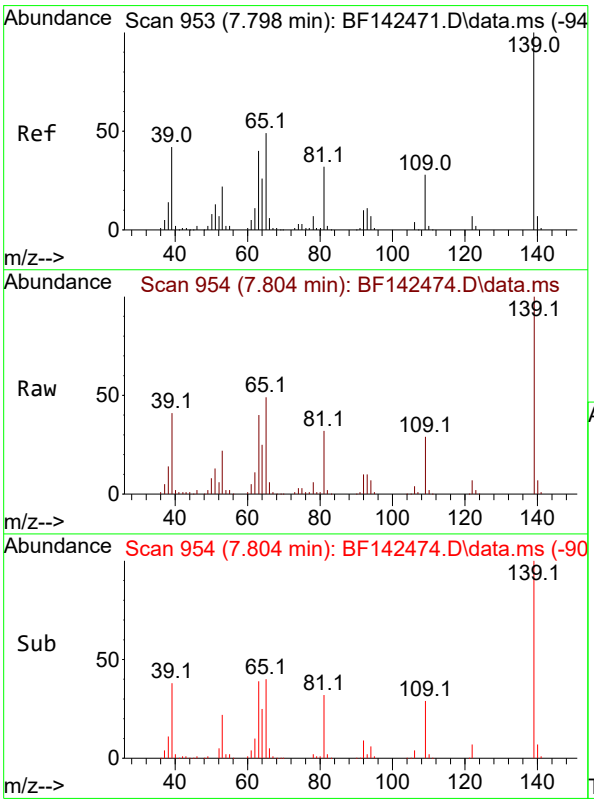
#25
Isophorone
Concen: 76.321 ng
RT: 7.733 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 838652

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	20.0	15.5	23.3

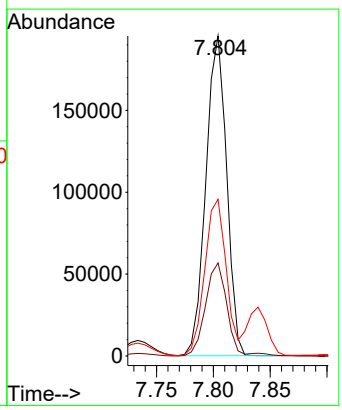


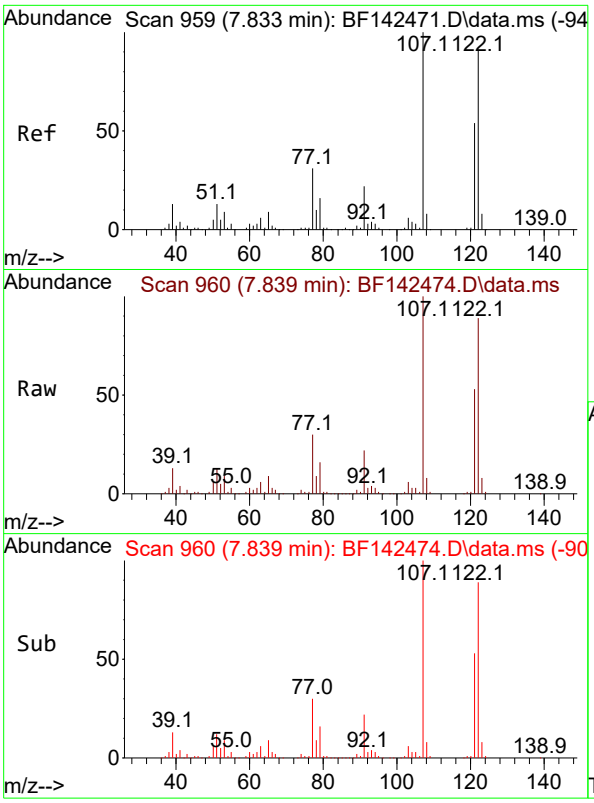


#26
2-Nitrophenol
Concen: 78.434 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:139 Resp: 248427

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.6	33.8
65	48.9	39.4	59.0



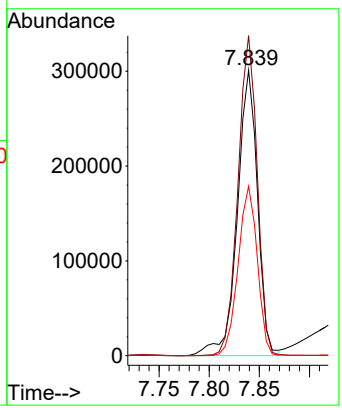


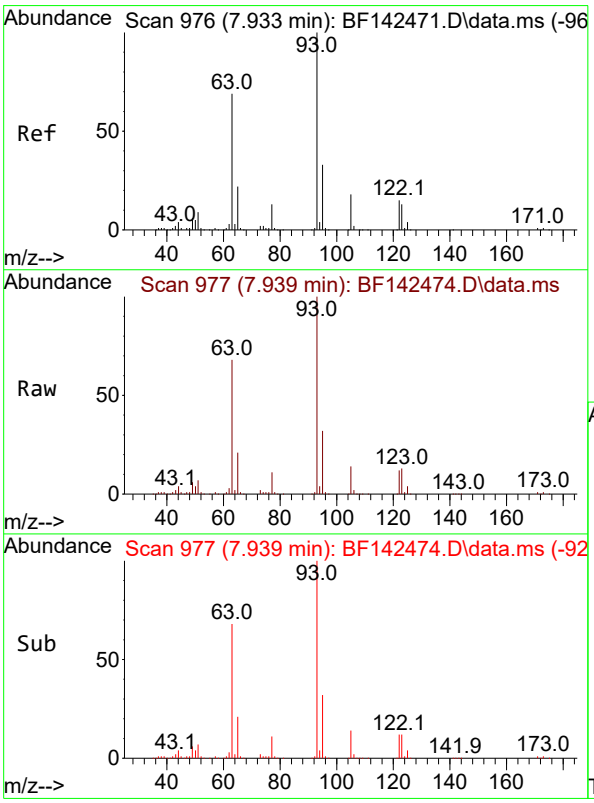
#27
2,4-Dimethylphenol
Concen: 75.623 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 422403

Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.1	132.1
121	59.4	47.3	70.9

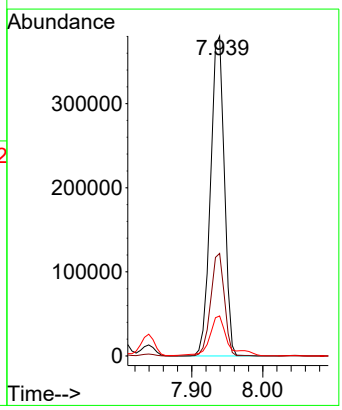


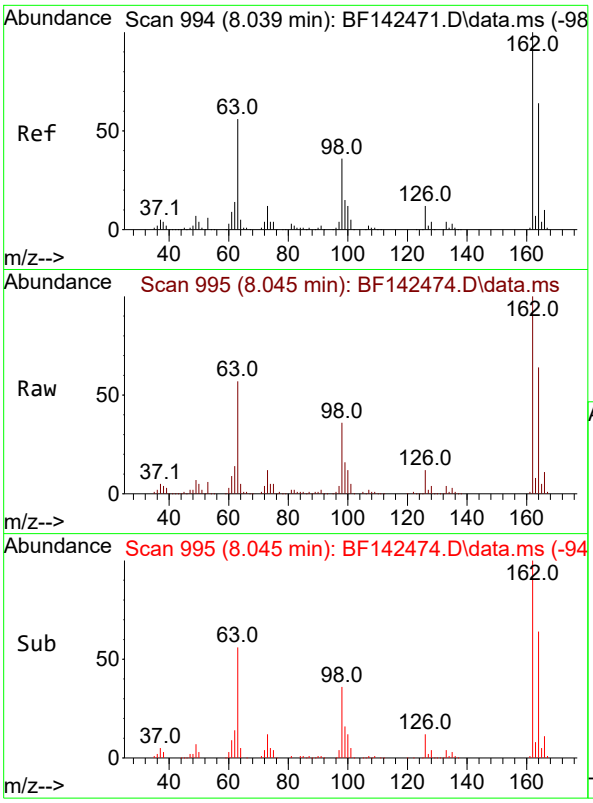


#28
bis(2-Chloroethoxy)methane
Concen: 74.744 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 513063

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	12.5	10.6	15.8



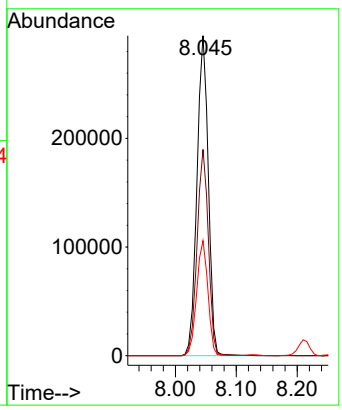


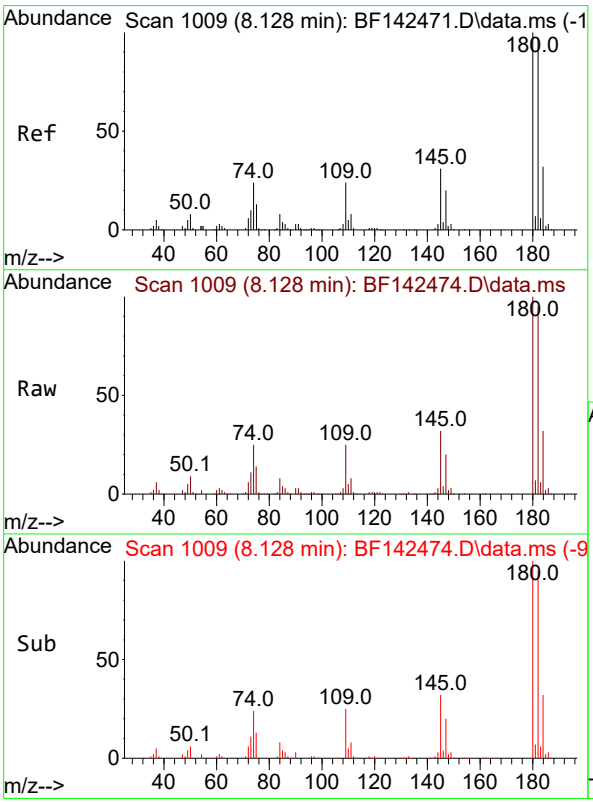
#29
2,4-Dichlorophenol
Concen: 75.121 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 381590

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	36.0	15.5	55.5

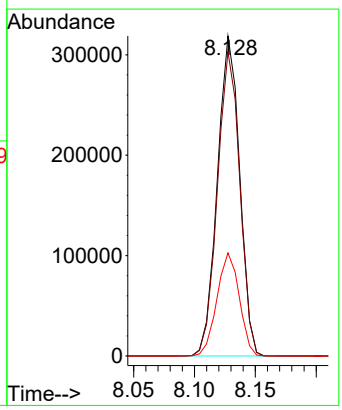


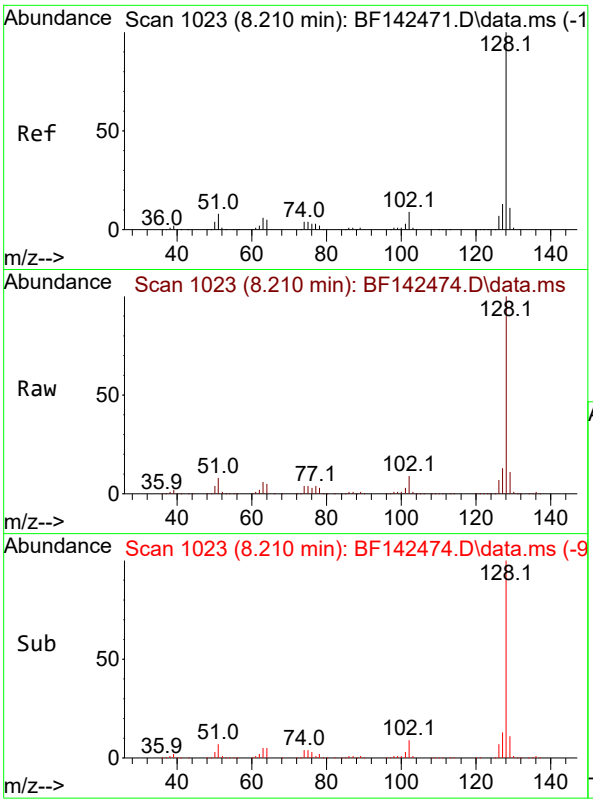


#30
1,2,4-Trichlorobenzene
Concen: 73.801 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:180 Resp: 406857

Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.0	117.0
145	32.2	25.0	37.6



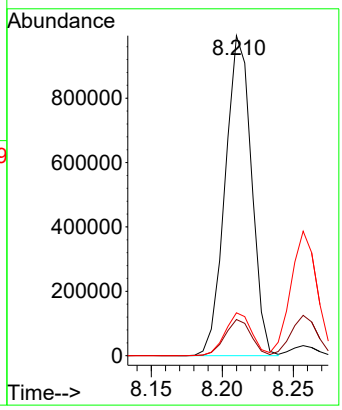


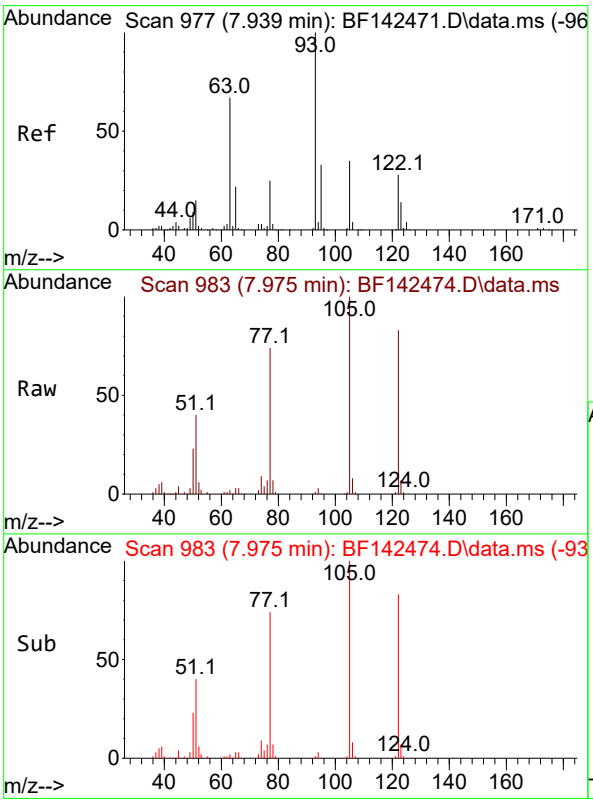
#31
Naphthalene
Concen: 72.369 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1277048

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.5	15.7

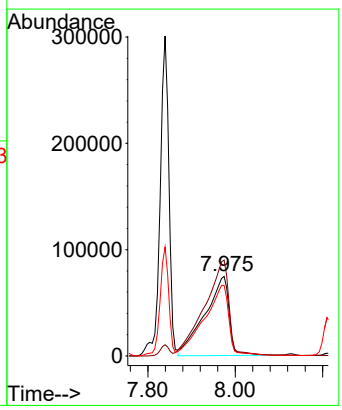


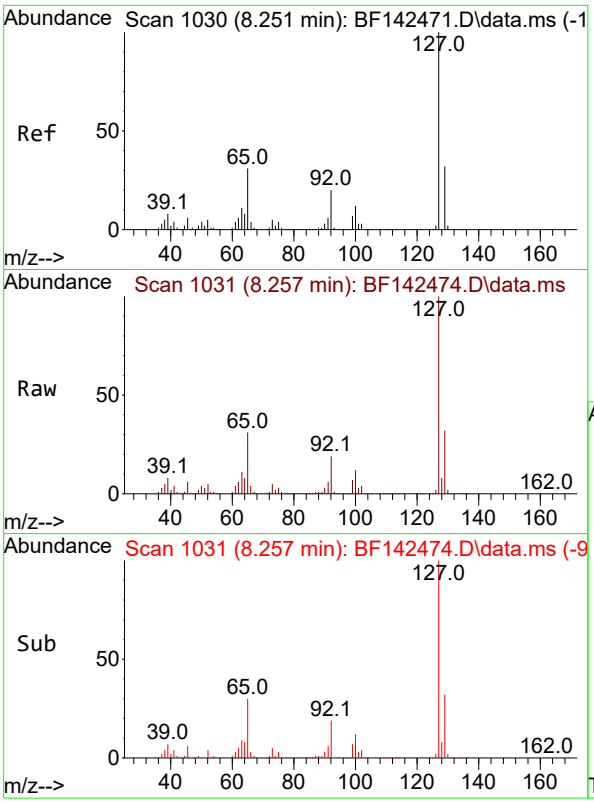


#32
Benzoic acid
Concen: 84.918 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:122 Resp: 288731

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.7	141.7
77	88.6	69.5	109.5



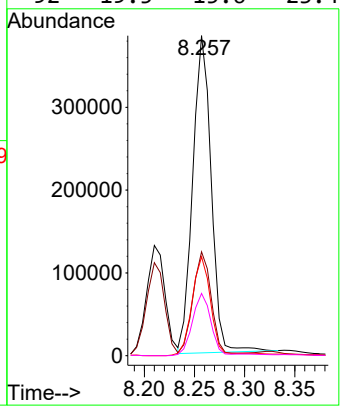


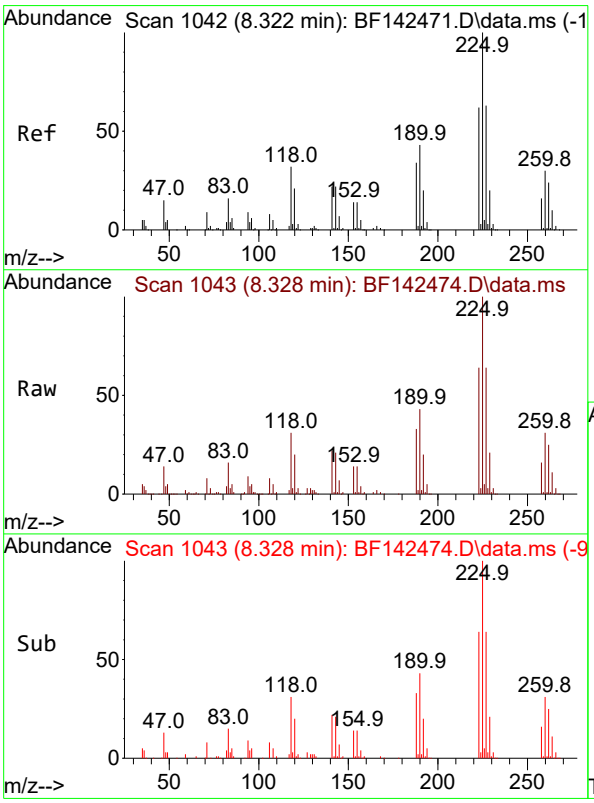
#33
4-Chloroaniline
Concen: 68.830 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 492168

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.9	24.9	37.3
92	19.5	15.6	23.4

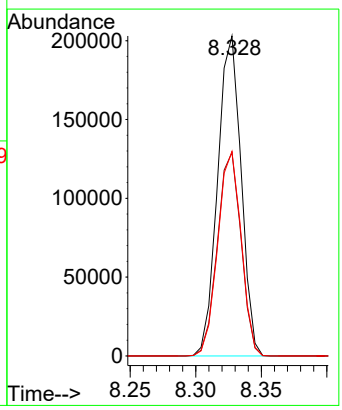


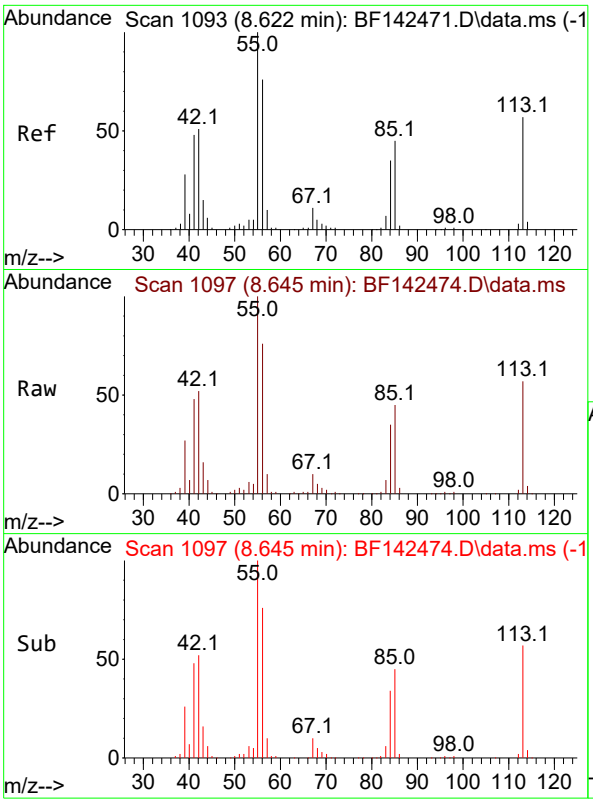


#34
Hexachlorobutadiene
Concen: 73.338 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:225 Resp: 252445

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.9	50.3	75.5



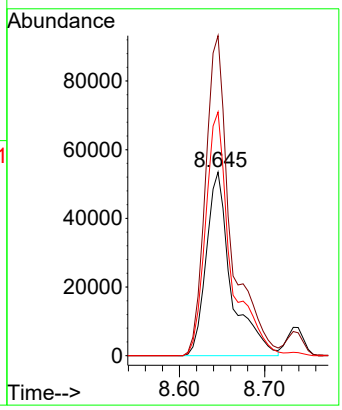


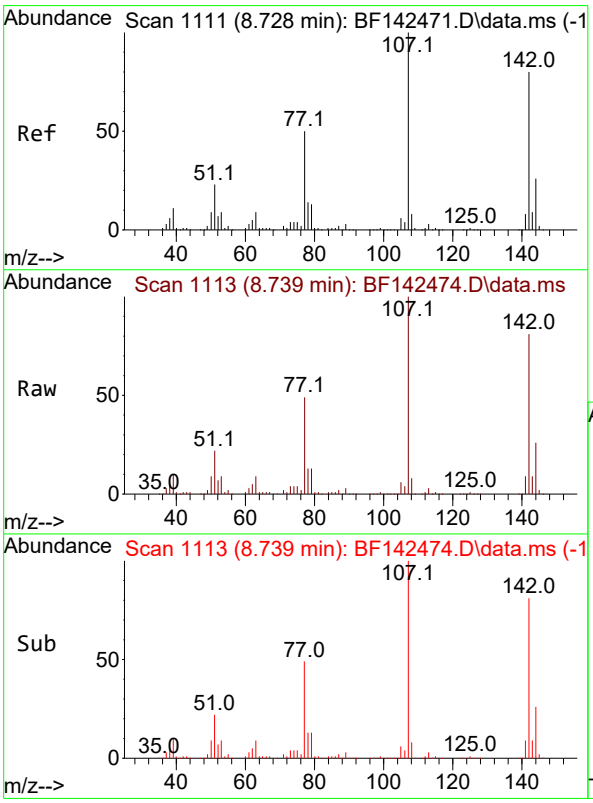
#35
Caprolactam
Concen: 76.565 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 109232

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.7	194.7
56	132.8	113.2	153.2

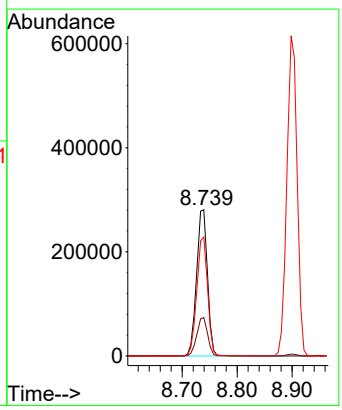


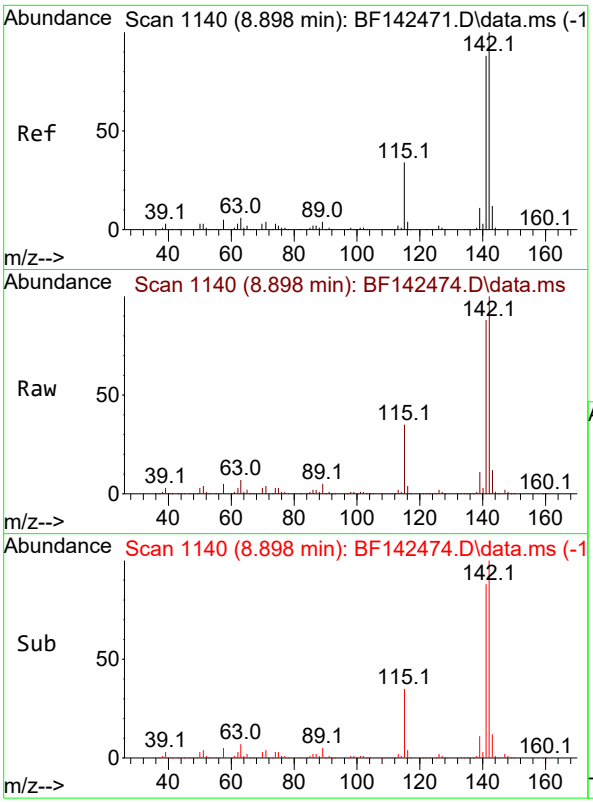


#36
4-Chloro-3-methylphenol
Concen: 74.674 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:107 Resp: 388740

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.9	31.3
142	81.3	64.2	96.2



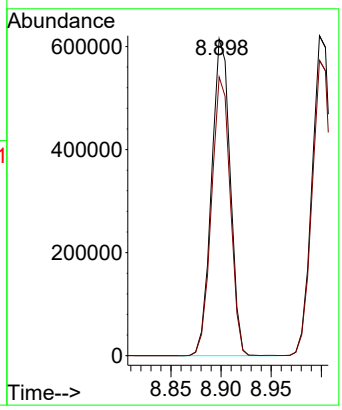


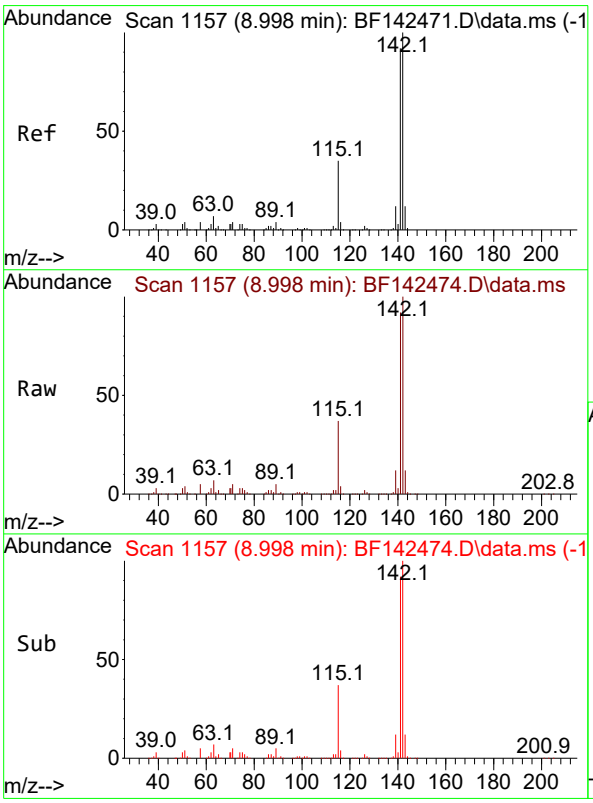
#37
2-Methylnaphthalene
Concen: 71.742 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 796463

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1

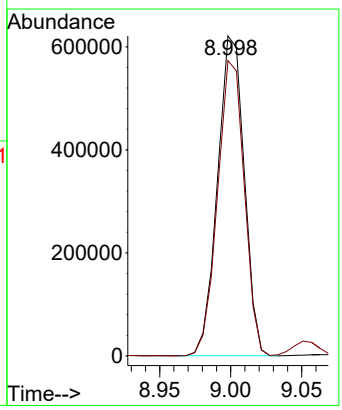


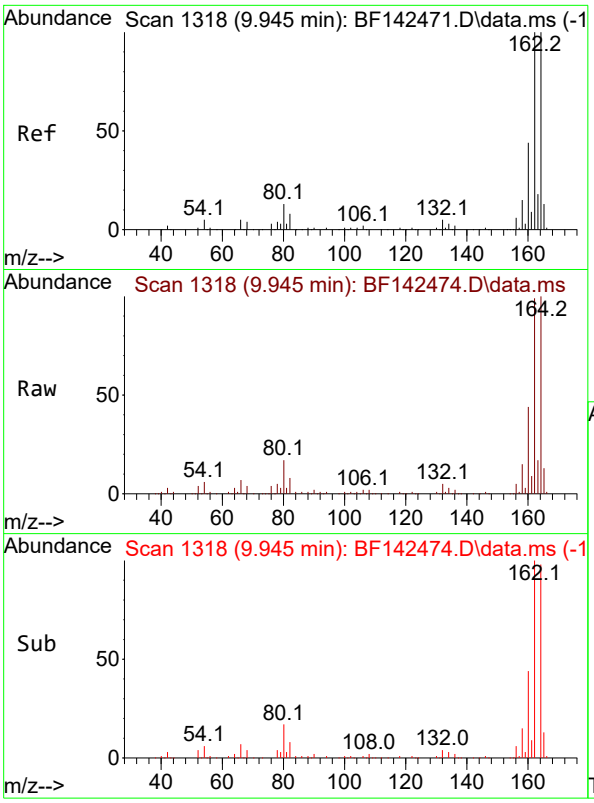


#38
1-Methylnaphthalene
Concen: 70.689 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:142 Resp: 811747

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2



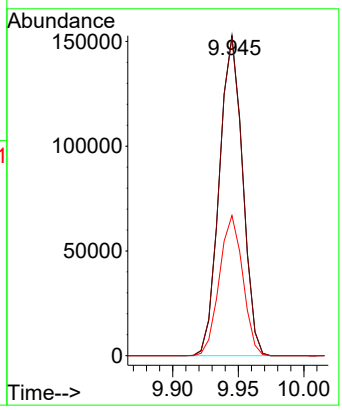


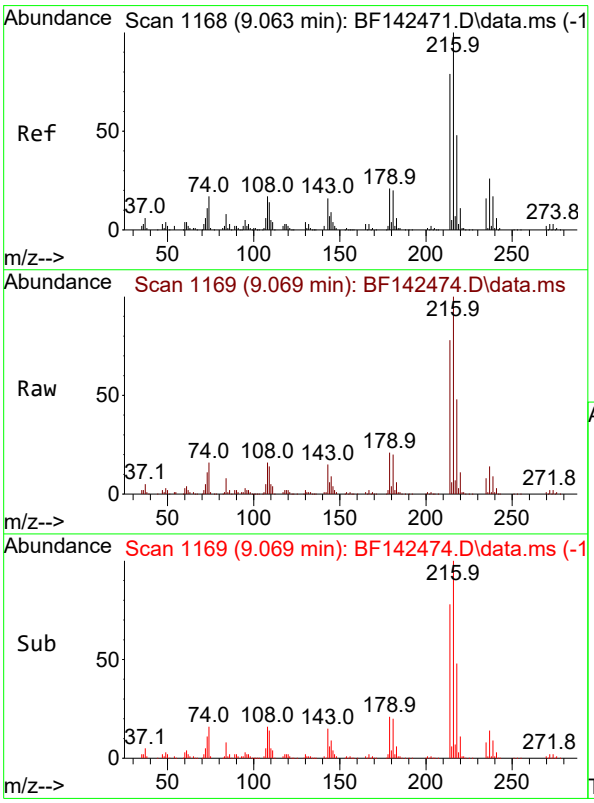
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 188198

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.4
160	43.8	35.6	53.4

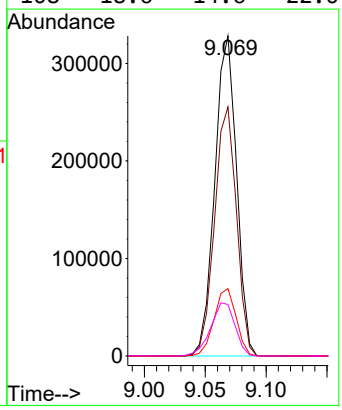


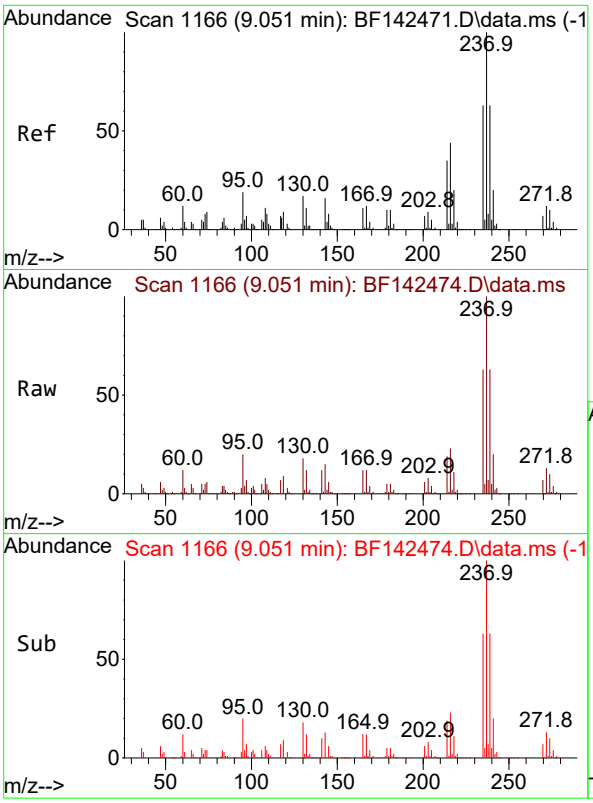


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:216 Resp: 409177

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	21.3	16.9	25.3
108	18.6	14.6	22.0



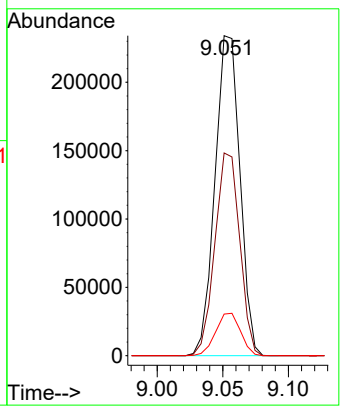


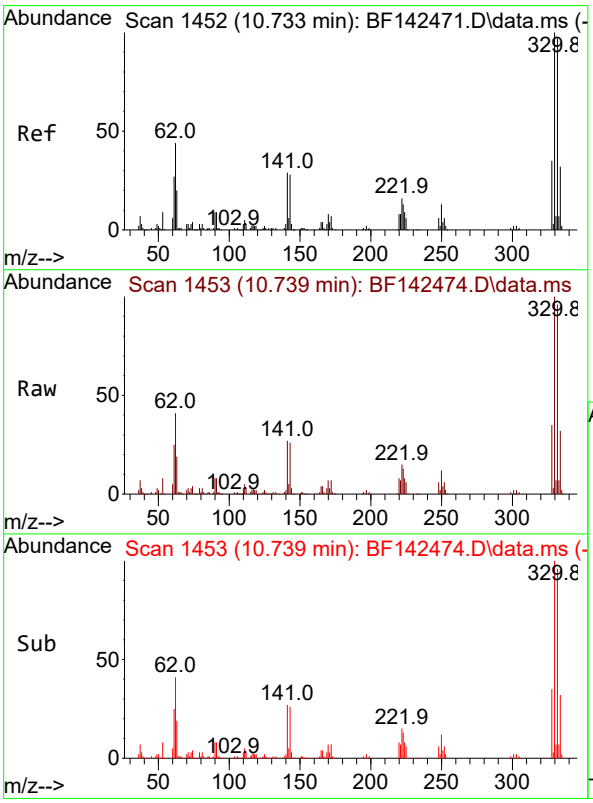
#41
Hexachlorocyclopentadiene
Concen: 84.936 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 309537

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	13.0	0.0	32.4

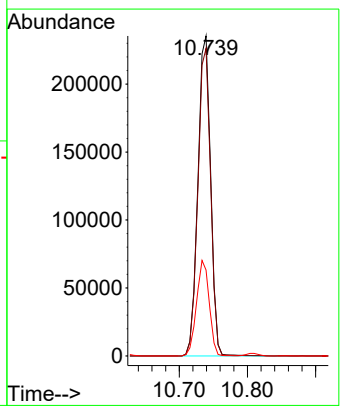


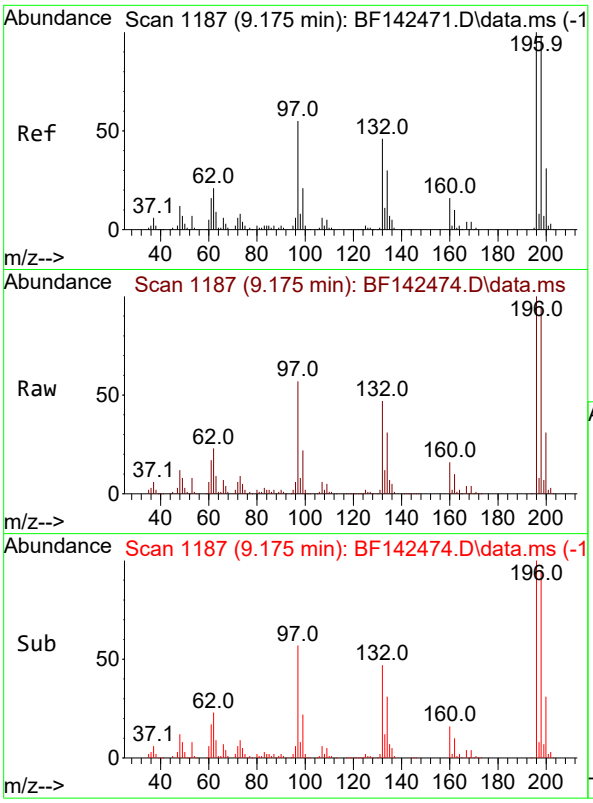


#42
2,4,6-Tribromophenol
Concen: 145.927 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:330 Resp: 304807

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	29.7	24.6	36.8



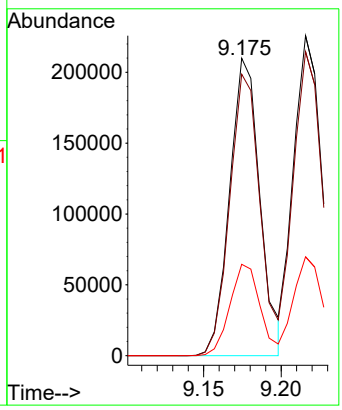


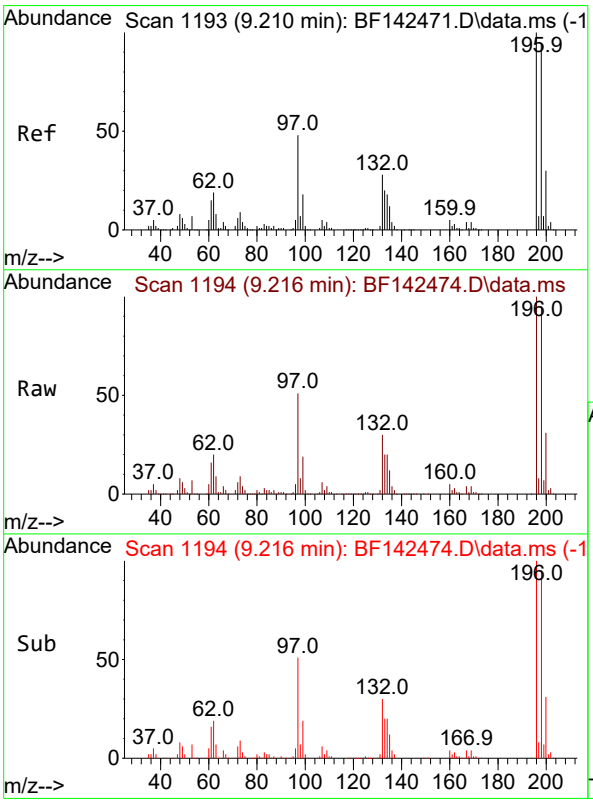
#43
2,4,6-Trichlorophenol
Concen: 78.254 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 285072

Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.8	118.2
200	30.7	24.9	37.3

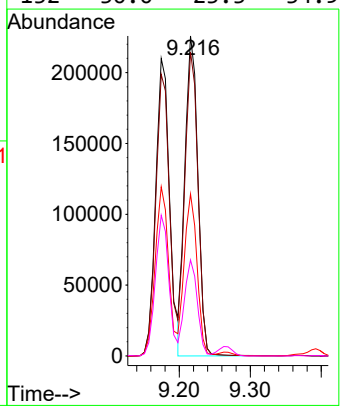


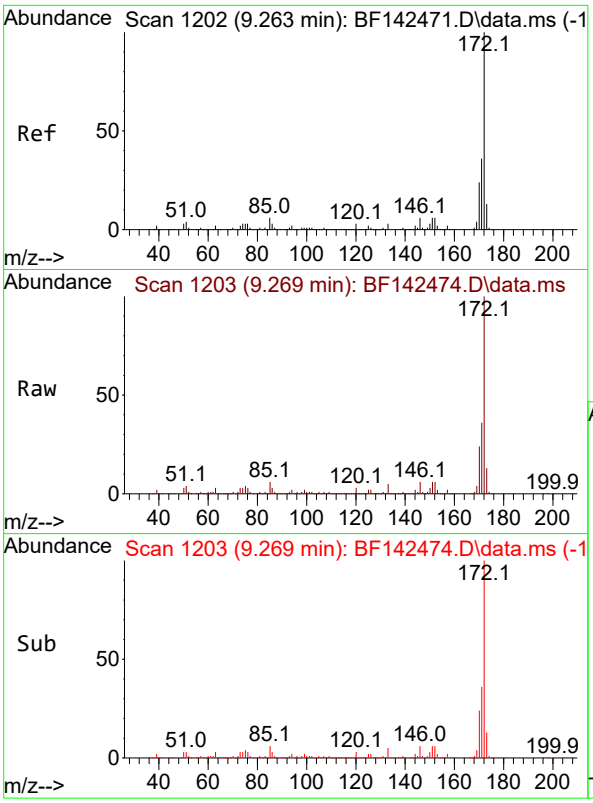


#44
2,4,5-Trichlorophenol
Concen: 74.712 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:196 Resp: 287041

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.5	113.3
97	50.6	39.3	58.9
132	30.0	23.3	34.9



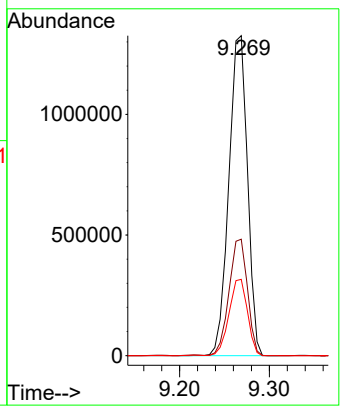


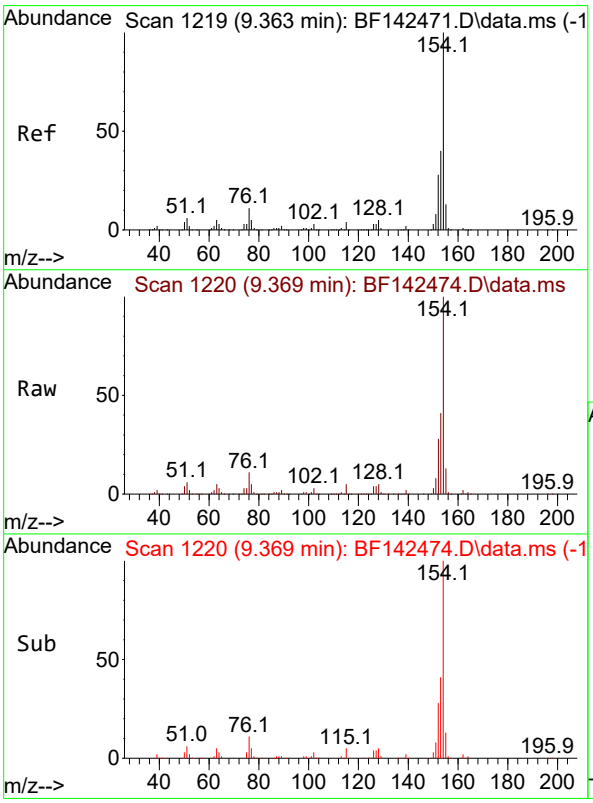
#45
2-Fluorobiphenyl
Concen: 136.080 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 1908541

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.9	18.9	28.3

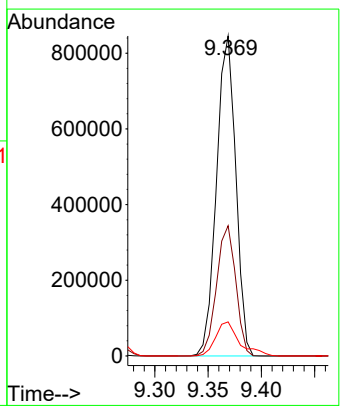


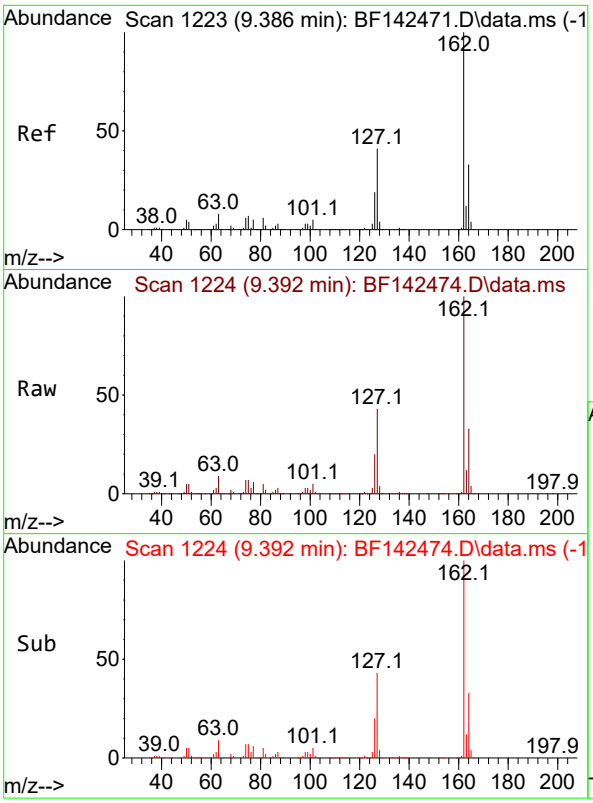


#46
1,1'-Biphenyl
Concen: 72.584 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 1059787

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.7	0.0	30.8



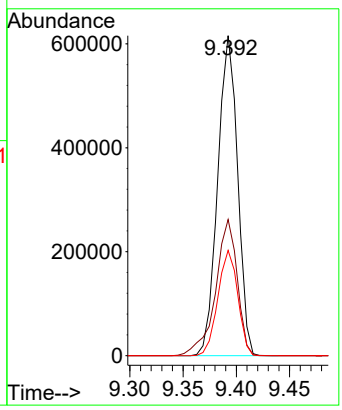


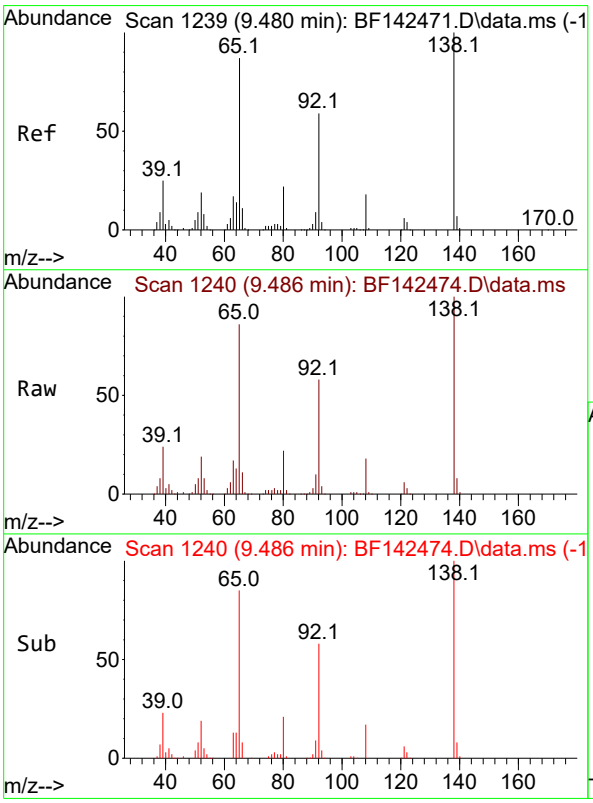
#47
2-Chloronaphthalene
Concen: 74.024 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 798539

Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	32.9	26.1	39.1

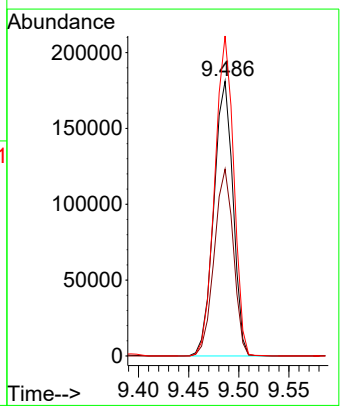


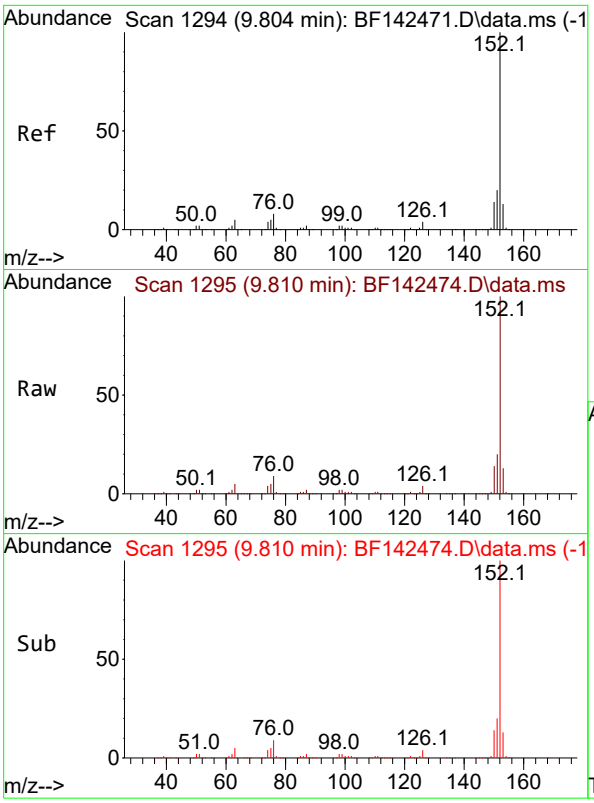


#48
2-Nitroaniline
Concen: 77.343 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 65 Resp: 241162

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	116.5	91.4	137.2



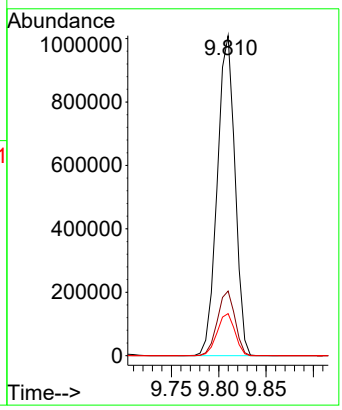


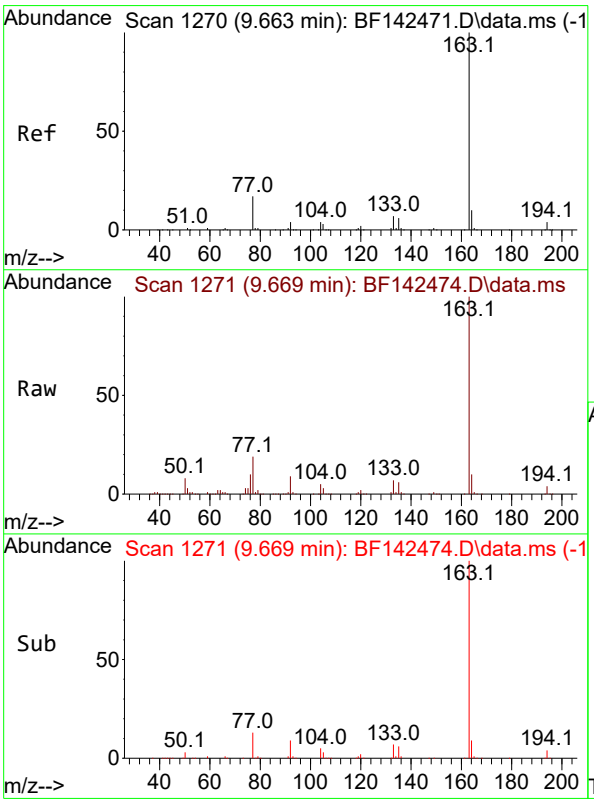
#49
Acenaphthylene
Concen: 72.118 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1313668

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.6	15.8

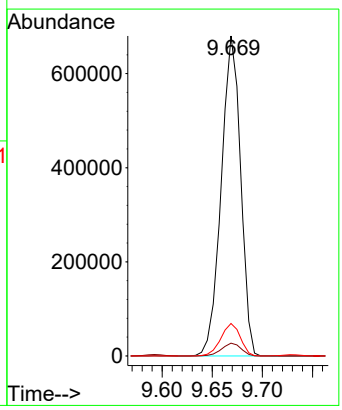


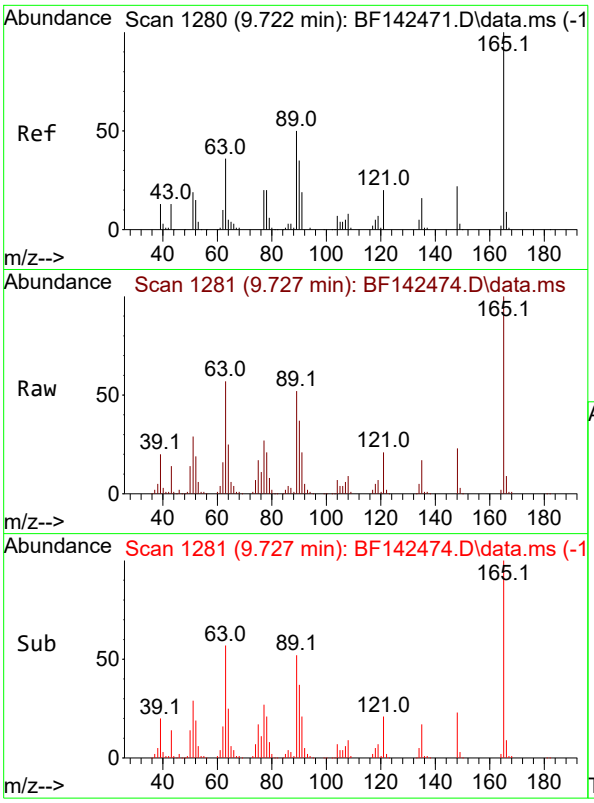


#50
Dimethylphthalate
Concen: 73.405 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:163 Resp: 911534

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.4



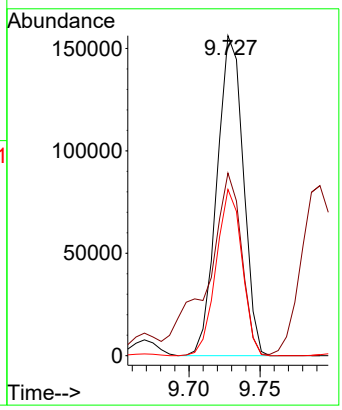


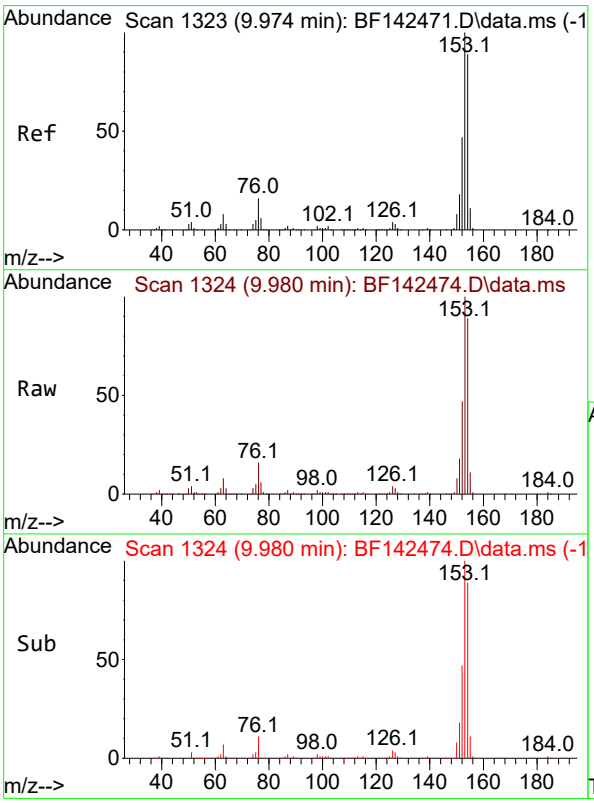
#51
2,6-Dinitrotoluene
Concen: 75.198 ng
RT: 9.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 201545

Ion	Ratio	Lower	Upper
165	100		
63	57.0	42.9	64.3
89	51.9	40.2	60.4

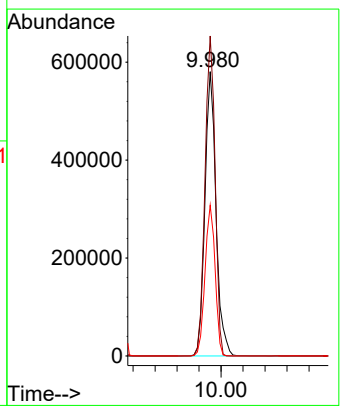


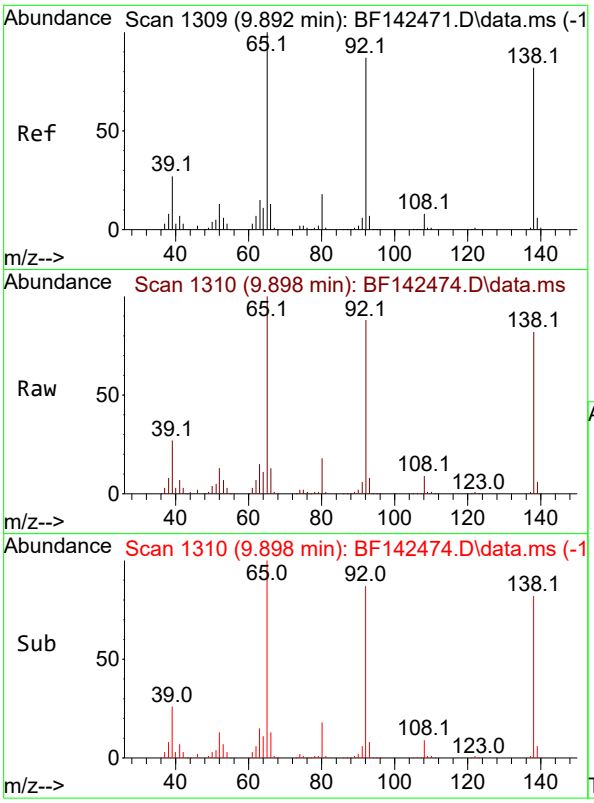


#52
Acenaphthene
Concen: 72.896 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 810811

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.0	42.6	64.0



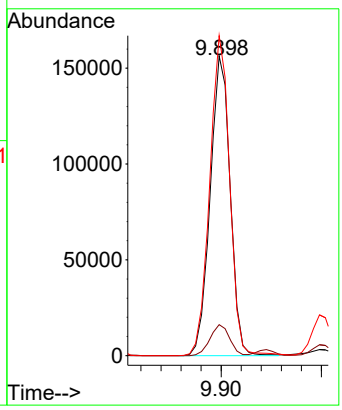


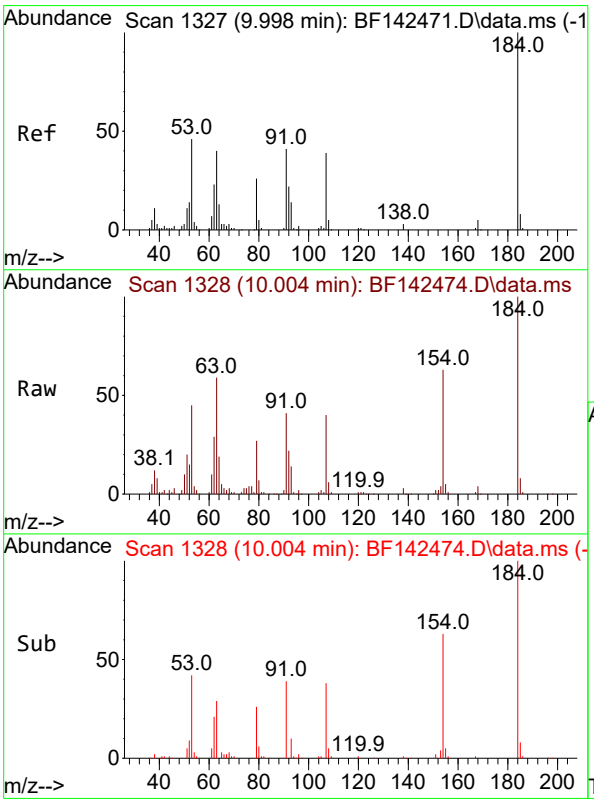
#53
3-Nitroaniline
Concen: 73.930 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 216422

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	106.8	85.2	127.8

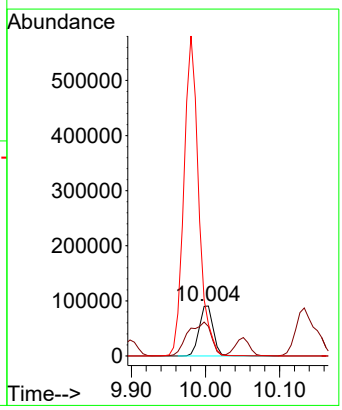


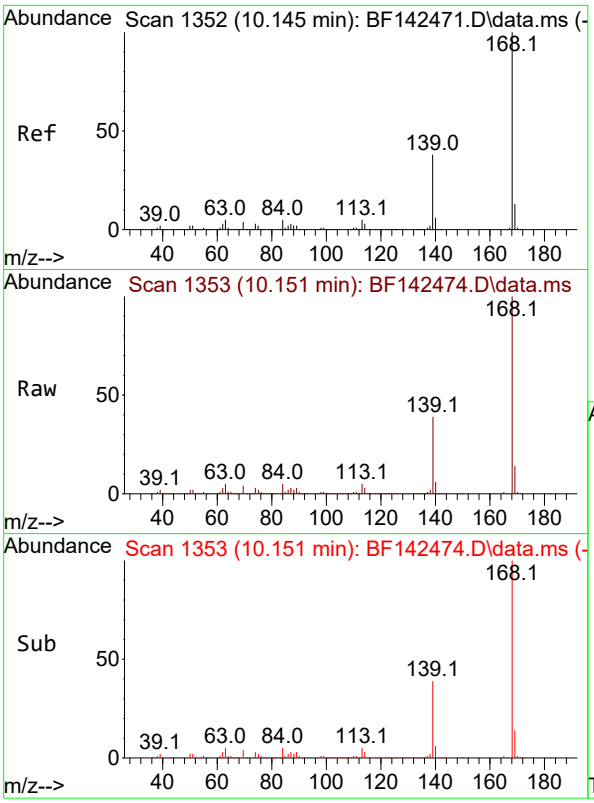


#54
2,4-Dinitrophenol
Concen: 85.999 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:184 Resp: 119082

Ion	Ratio	Lower	Upper
184	100		
63	59.2	46.3	69.5
154	63.4	56.8	85.2



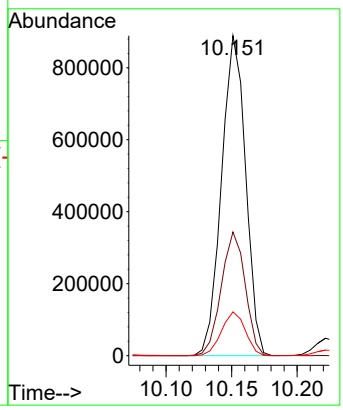


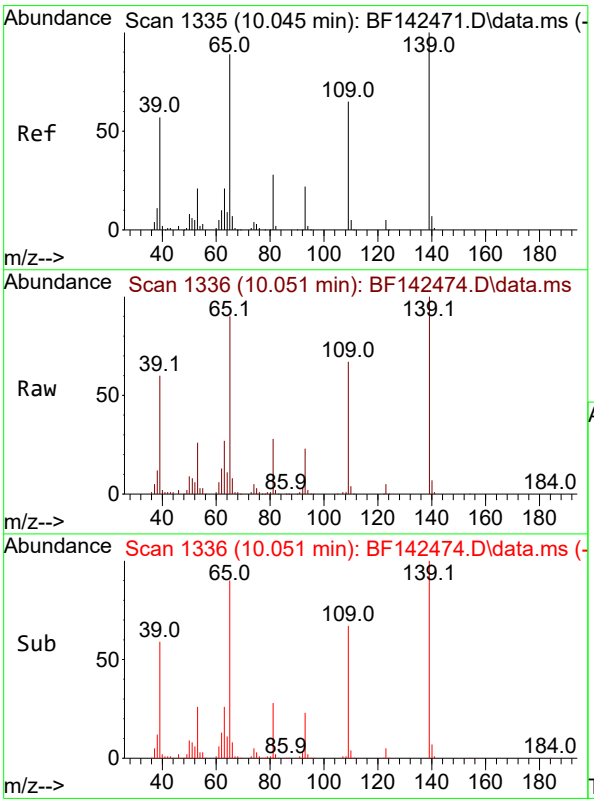
#55
Dibenzofuran
Concen: 70.990 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1136276

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	13.7	10.7	16.1

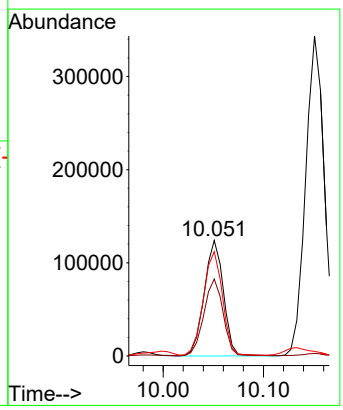


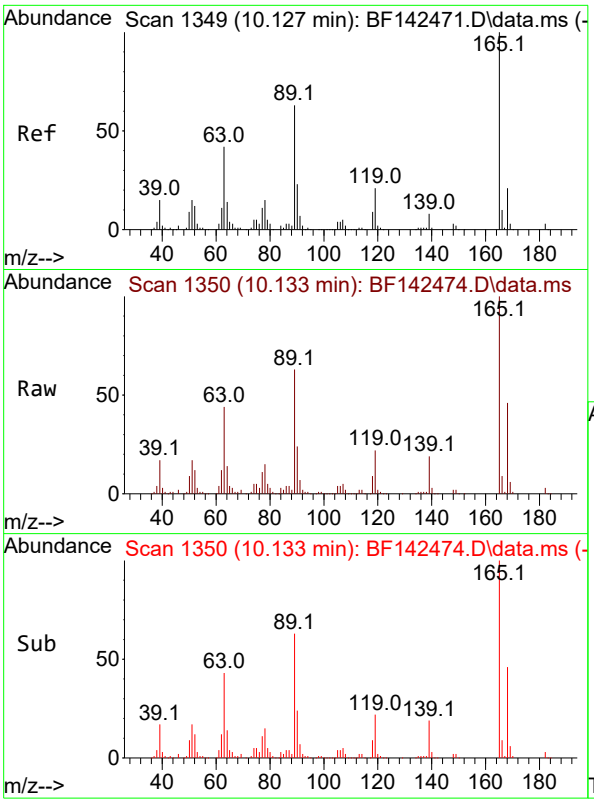


#56
4-Nitrophenol
Concen: 76.638 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:139 Resp: 165537

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.1	85.1
65	90.4	69.7	109.7



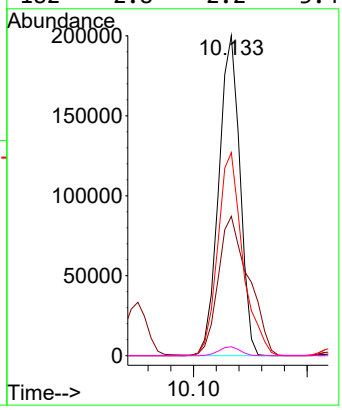


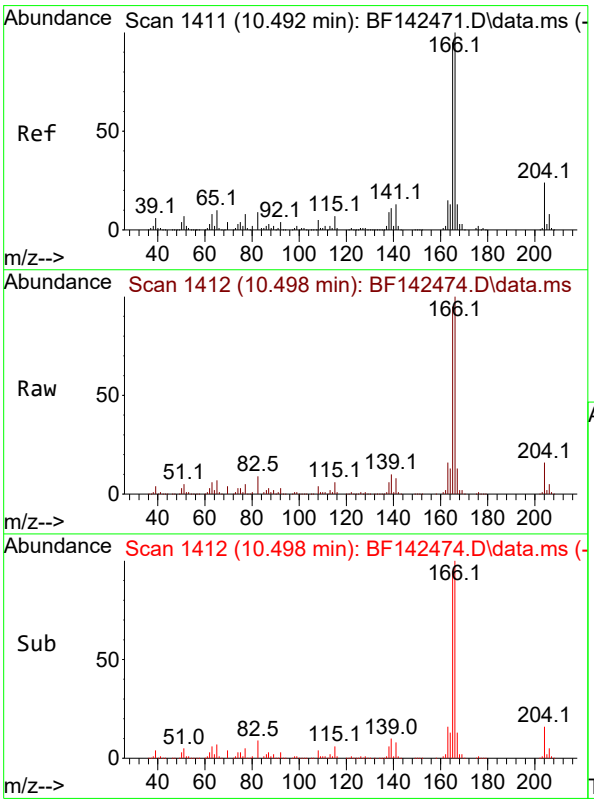
#57
2,4-Dinitrotoluene
Concen: 74.005 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 259035

Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.6	50.4
89	63.5	50.2	75.4
182	2.8	2.2	3.4

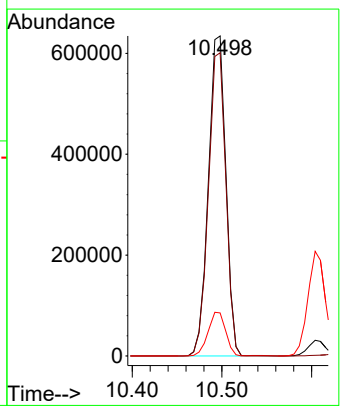


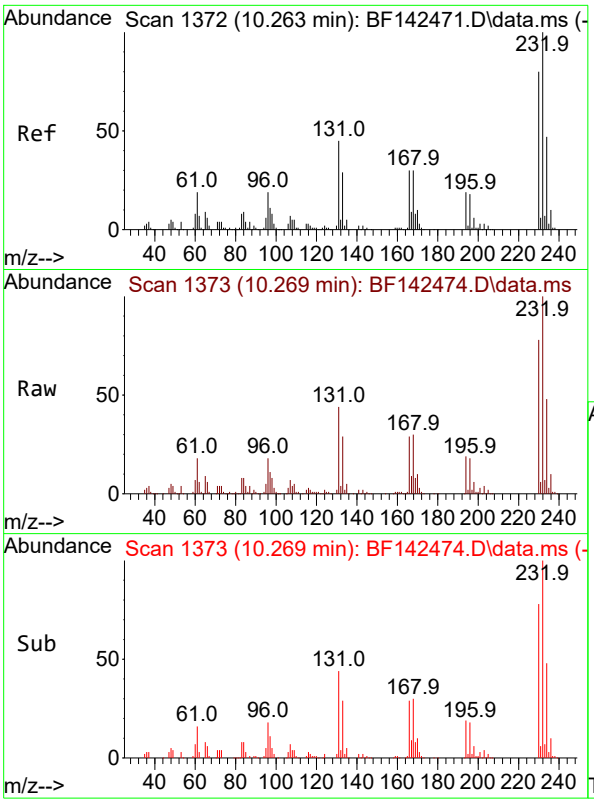


#58
Fluorene
Concen: 69.377 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:166 Resp: 857882

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.8	113.8
167	13.5	10.6	16.0



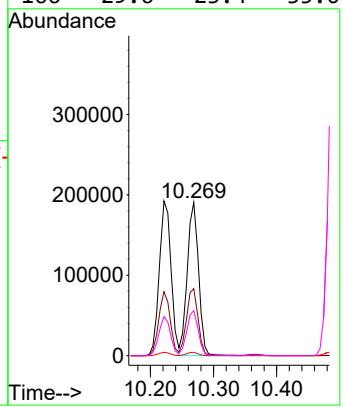


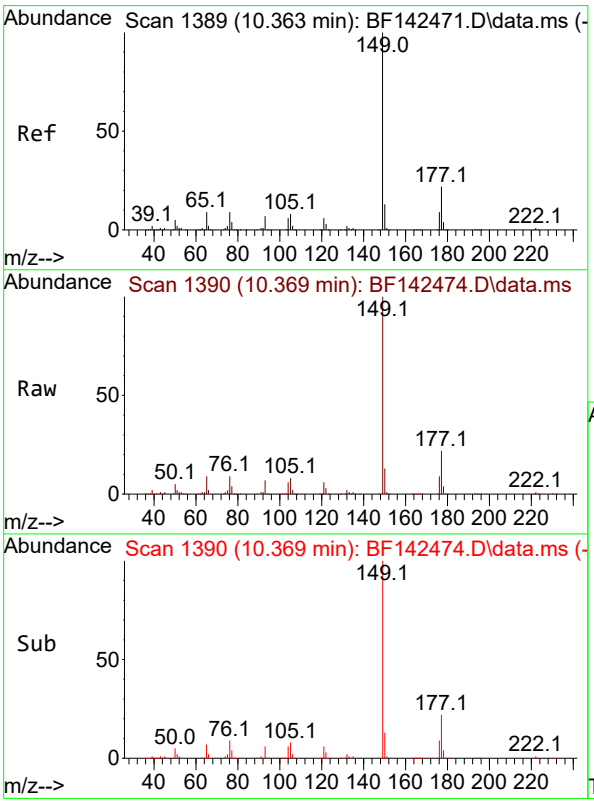
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.324 ng
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 238382

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.2	52.8
130	2.2	1.7	2.5
166	29.6	23.4	35.0

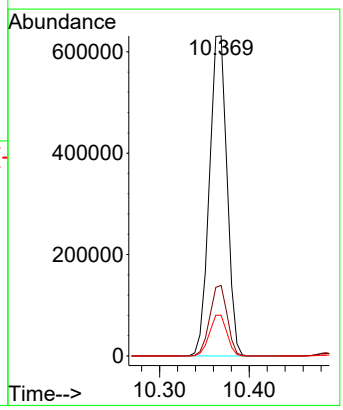


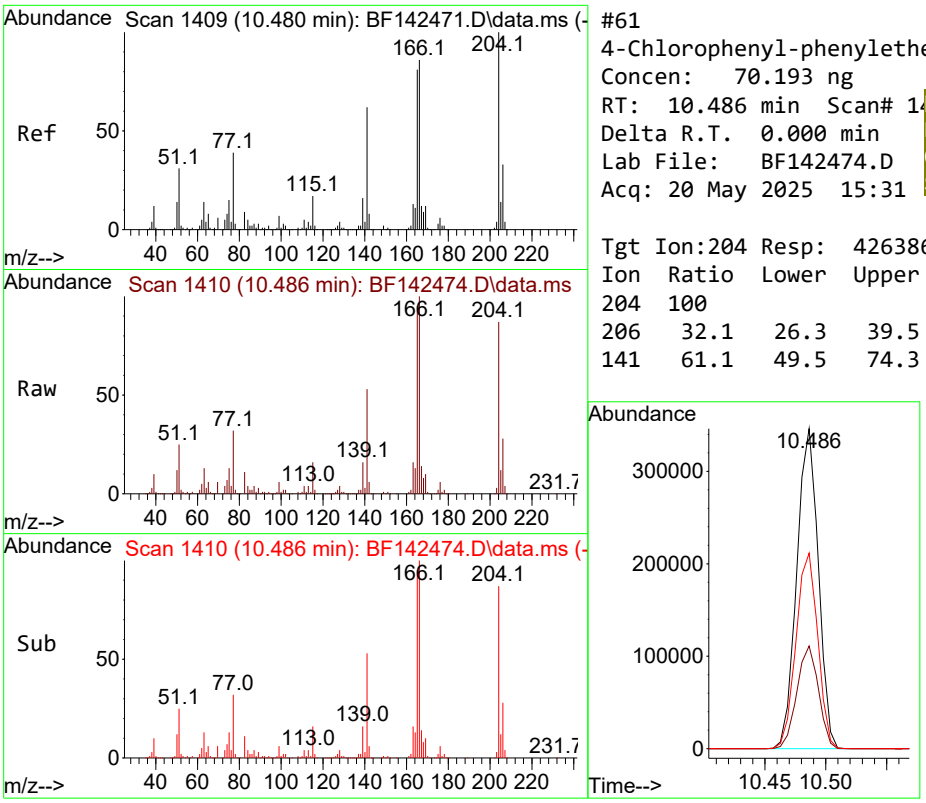


#60
Diethylphthalate
Concen: 70.773 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 858326

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.7	10.1	15.1



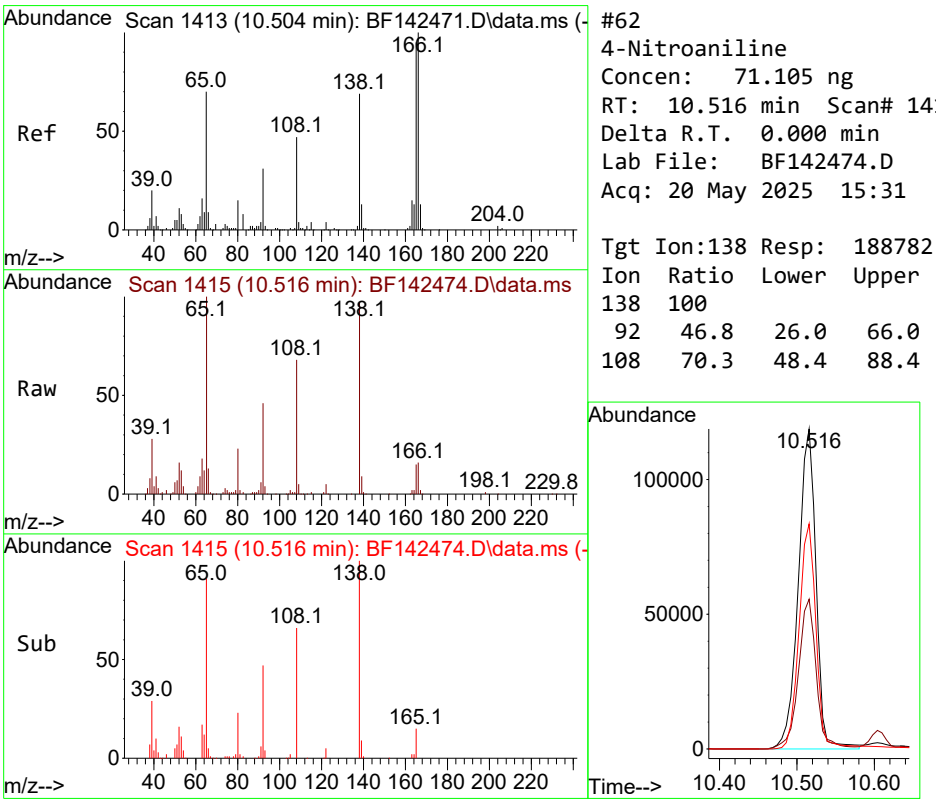


#61
4-Chlorophenyl-phenylether
Concen: 70.193 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 426386

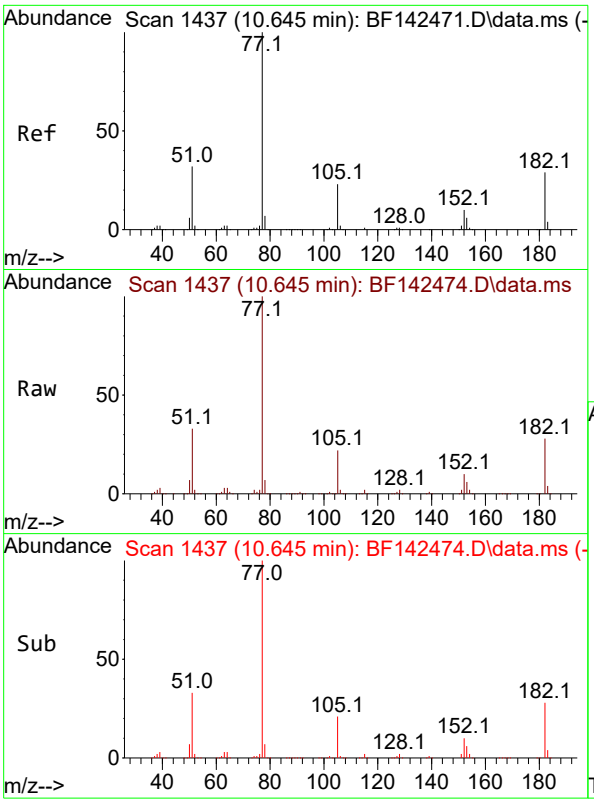
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	61.1	49.5	74.3



#62
4-Nitroaniline
Concen: 71.105 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:138 Resp: 188782

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.3	48.4	88.4

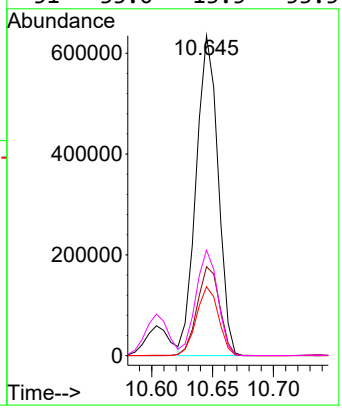


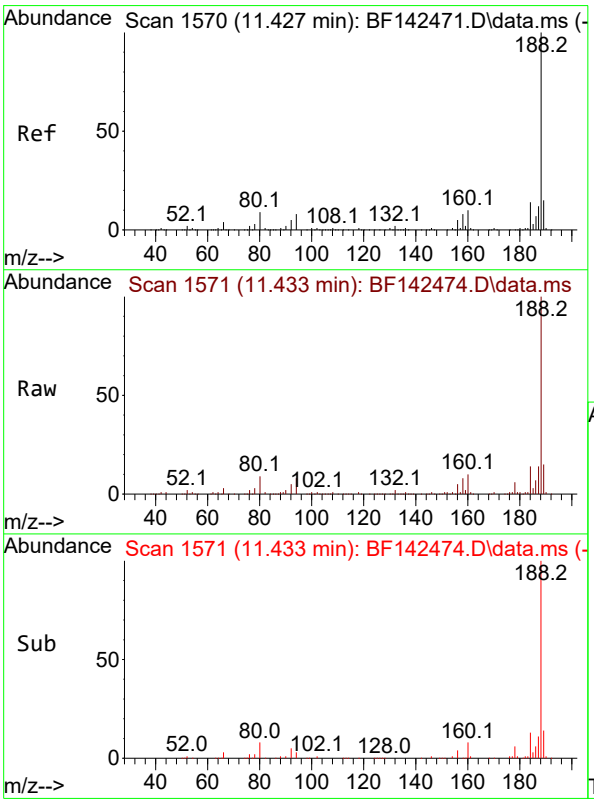
#63
Azobenzene
Concen: 72.893 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 794029

Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.0	49.0
105	21.5	2.4	42.4
51	33.0	13.5	53.5

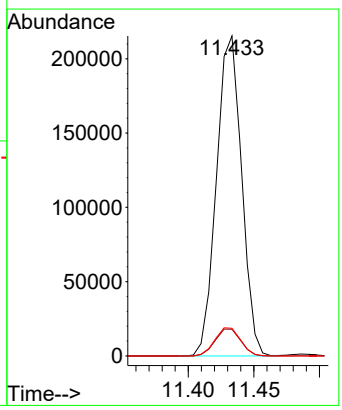


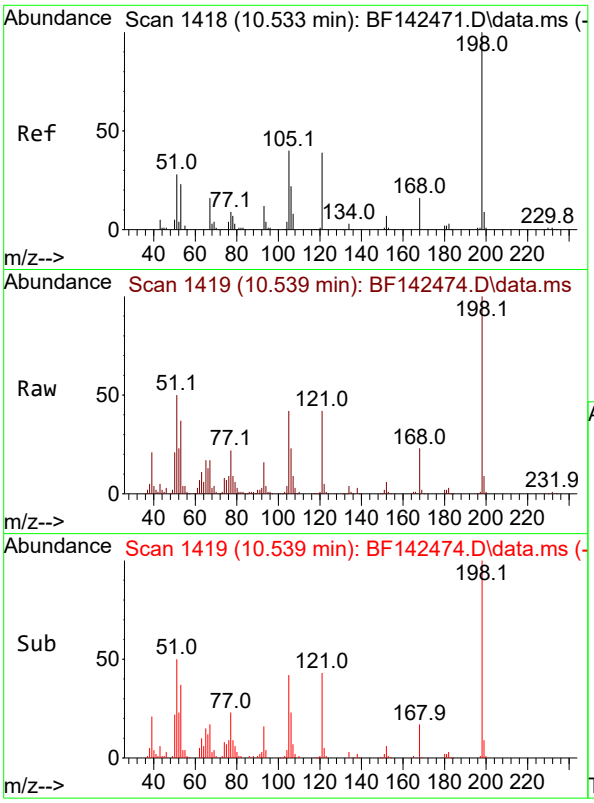


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:188 Resp: 287337

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.6	7.4	11.0



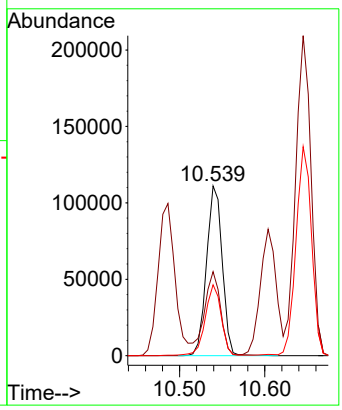


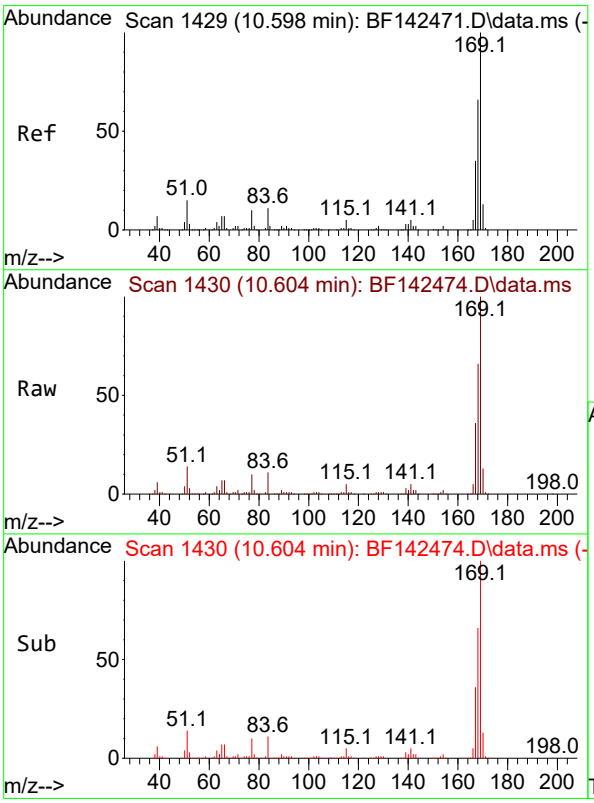
#65
4,6-Dinitro-2-methylphenol
Concen: 88.468 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 141863

Ion	Ratio	Lower	Upper
198	100		
51	49.5	28.3	68.3
105	41.7	21.3	61.3

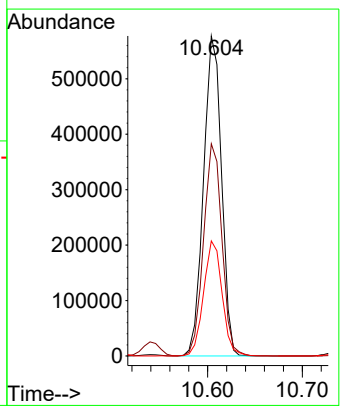


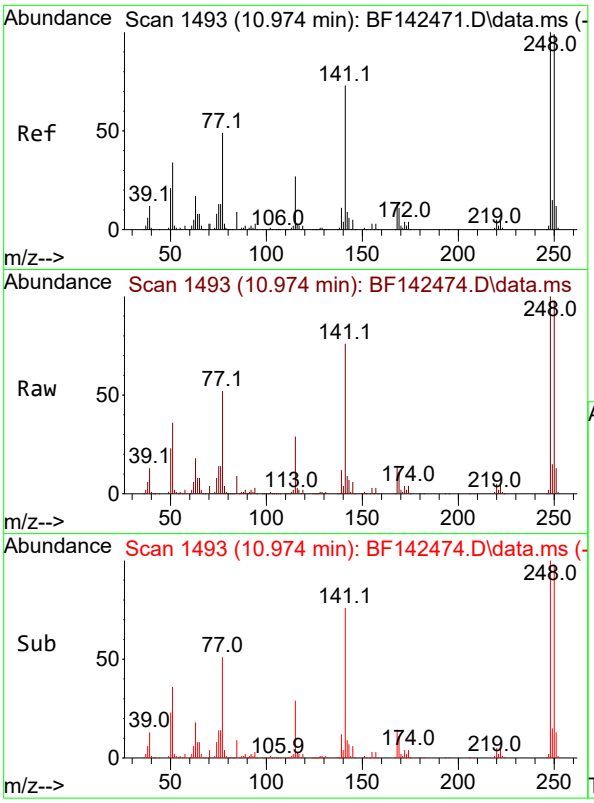


#66
n-Nitrosodiphenylamine
Concen: 77.145 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:169 Resp: 758366

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.9	28.3	42.5



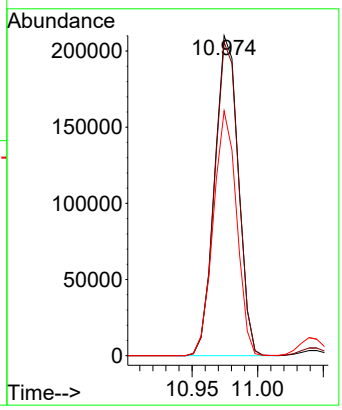


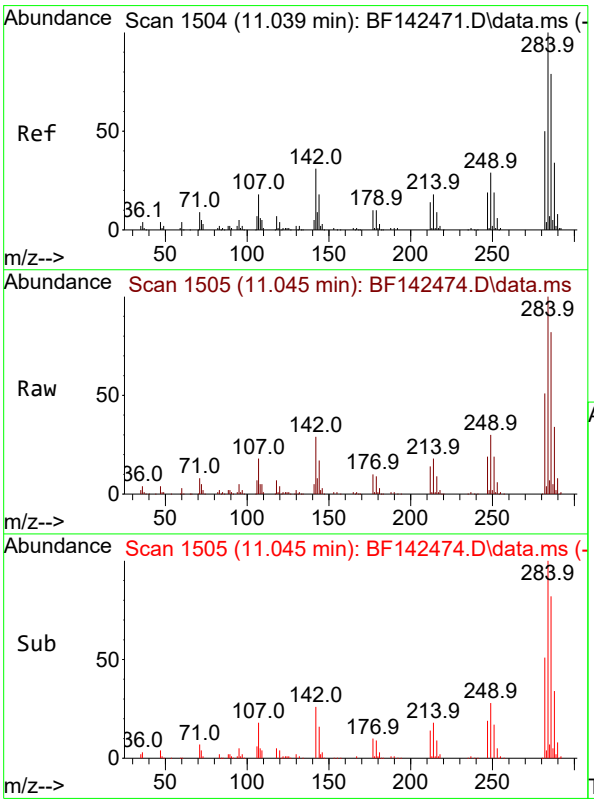
#67
4-Bromophenyl-phenylether
Concen: 77.920 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 264739

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.4
141	76.5	58.4	87.6

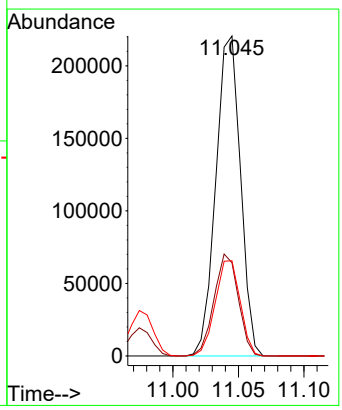


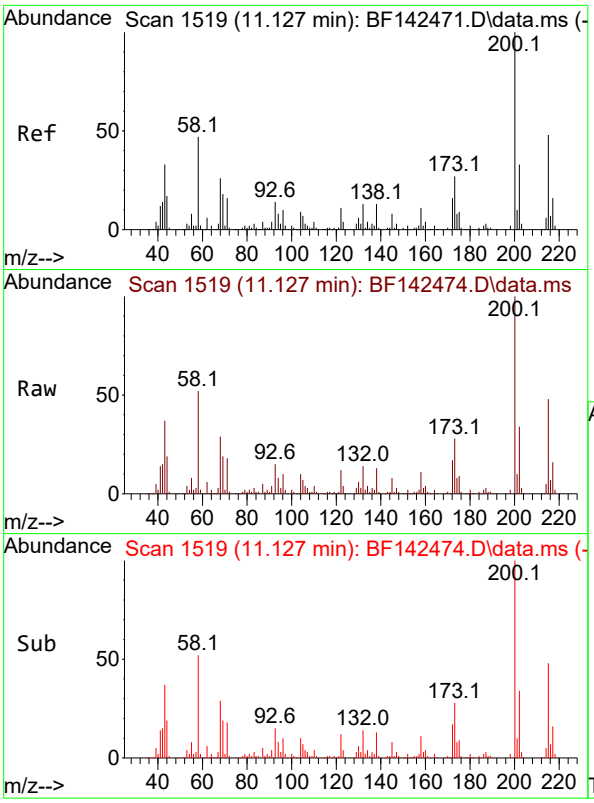


#68
Hexachlorobenzene
Concen: 76.555 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:284 Resp: 287676

Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.8	37.2
249	29.8	23.6	35.4



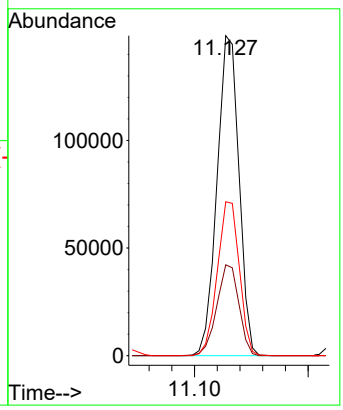


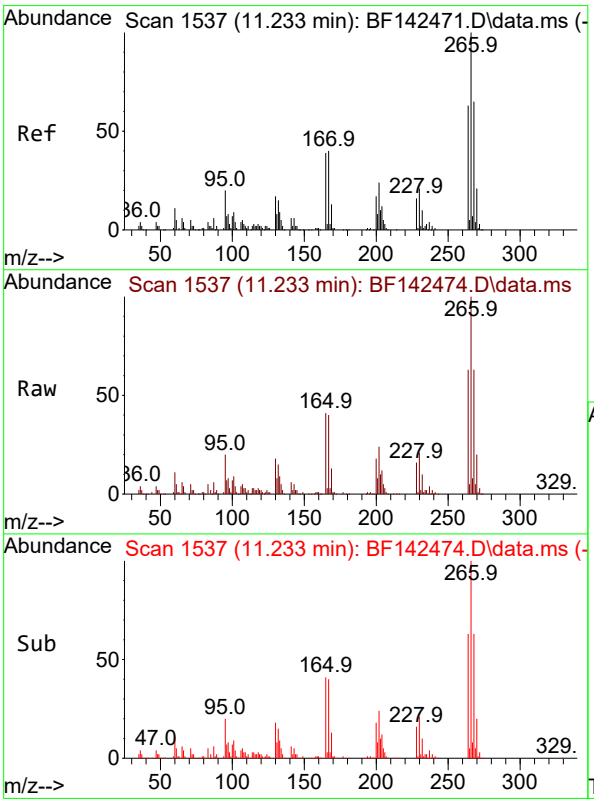
#69
Atrazine
Concen: 76.581 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 199929

Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	48.1	28.5	68.5

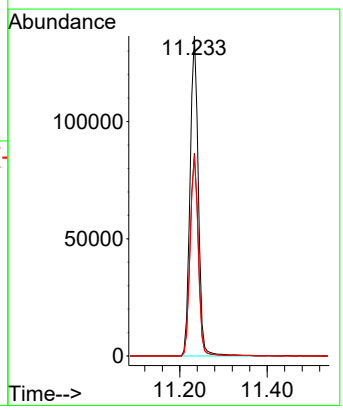


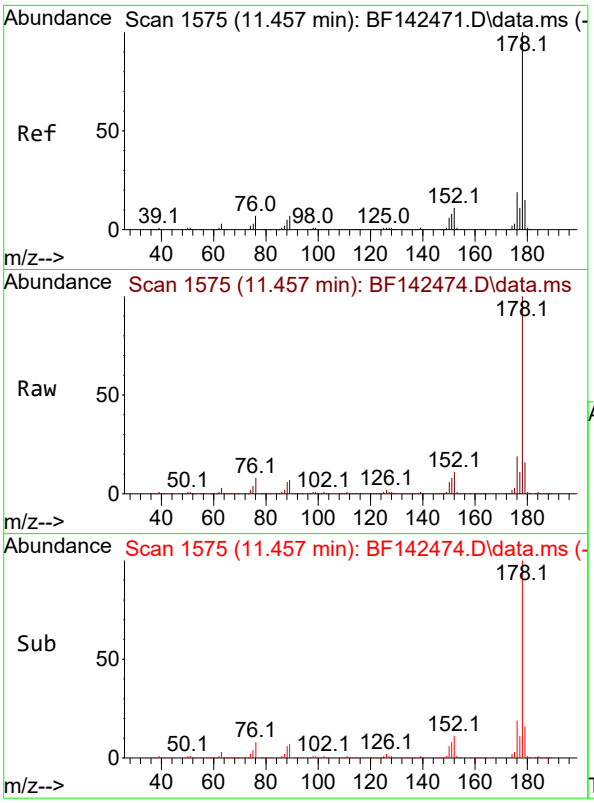


#70
Pentachlorophenol
Concen: 83.666 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:266 Resp: 177504

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	62.5	50.4	75.6



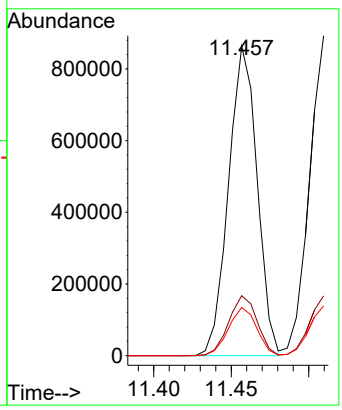


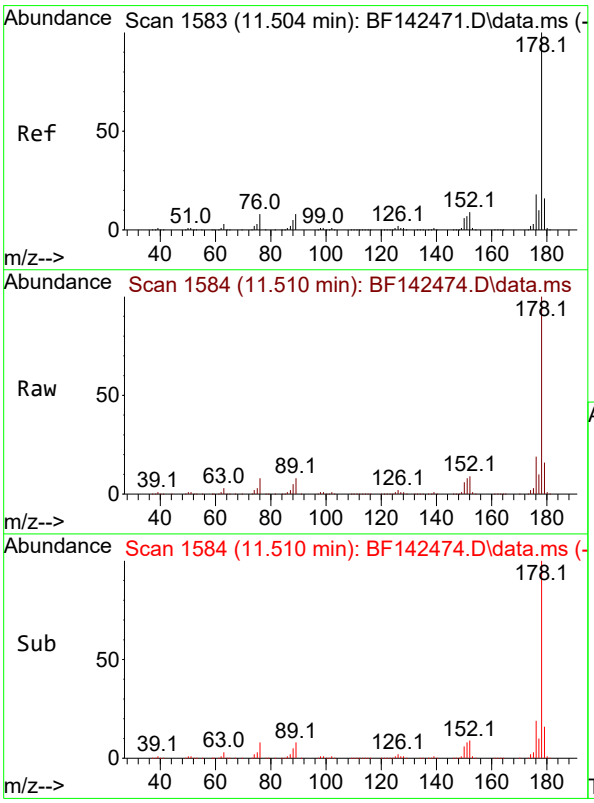
#71
Phenanthrene
Concen: 72.134 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1107683

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.3	18.5

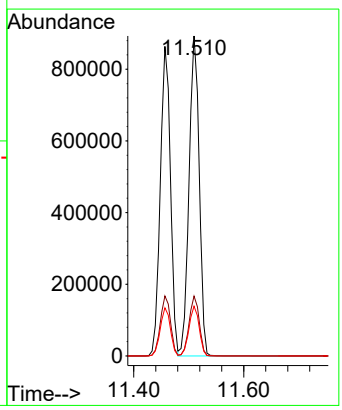


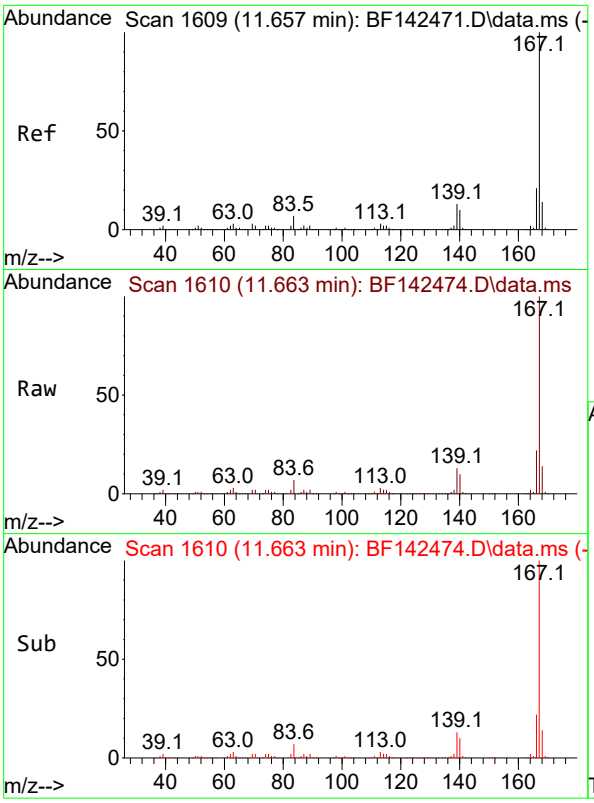


#72
Anthracene
Concen: 73.009 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:178 Resp: 1144182

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.5	12.4	18.6



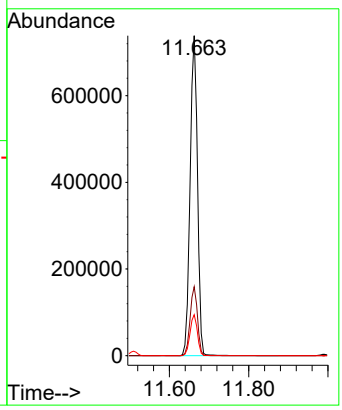


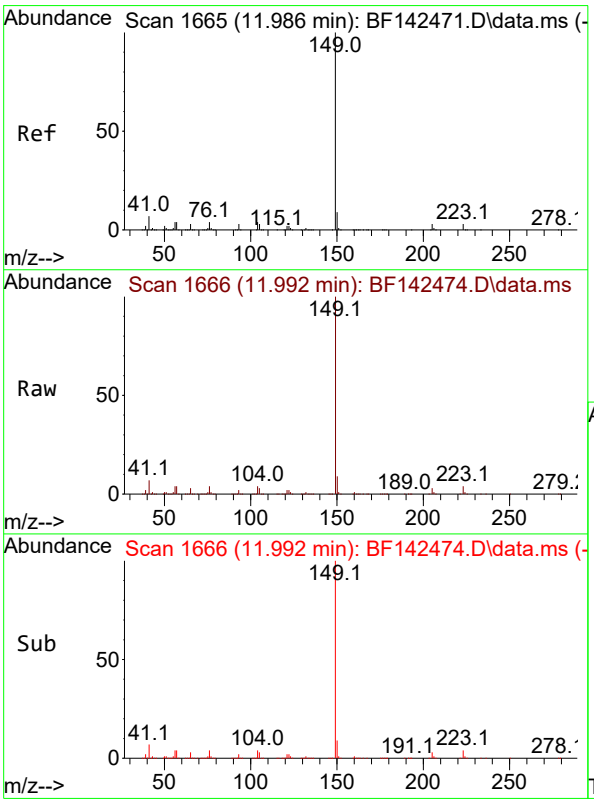
#73
Carbazole
Concen: 71.360 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 956069

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.8	10.2	15.4

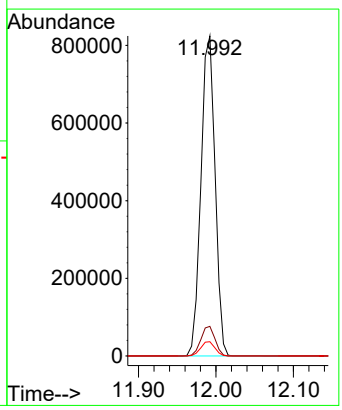


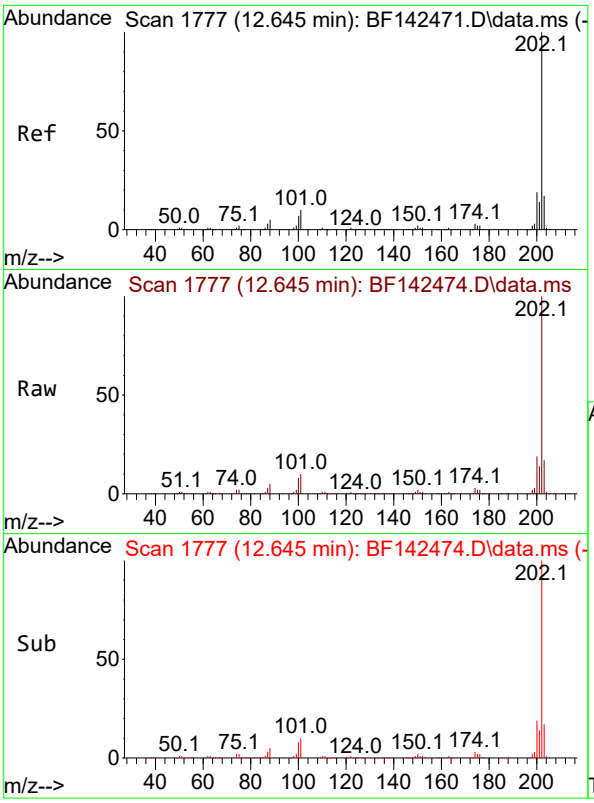


#74
Di-n-butylphthalate
Concen: 71.153 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 1043468

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.6	5.4



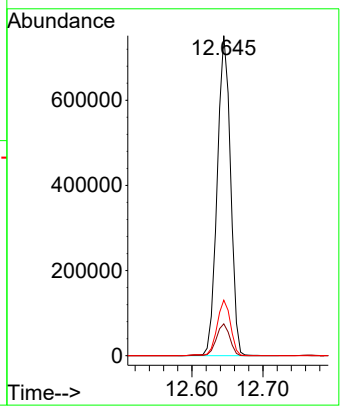


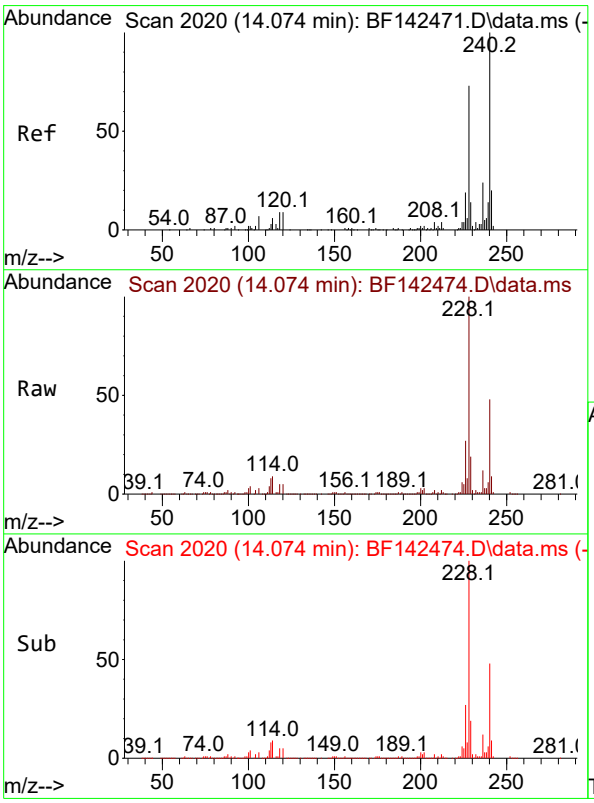
#75
Fluoranthene
Concen: 67.750 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 972105

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	17.4	0.0	37.2

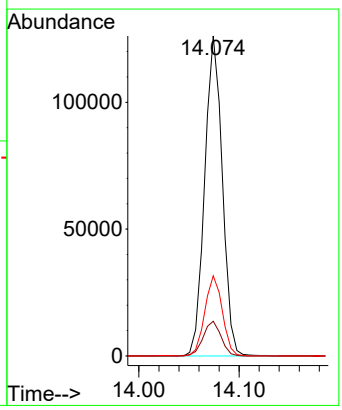


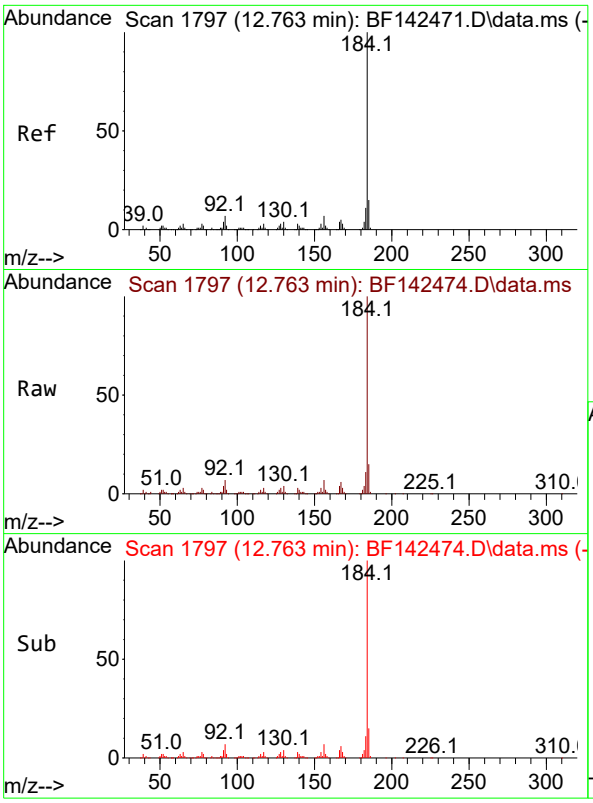


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:240 Resp: 154555

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	25.1	19.6	29.4



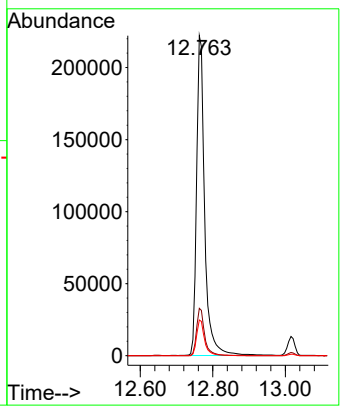


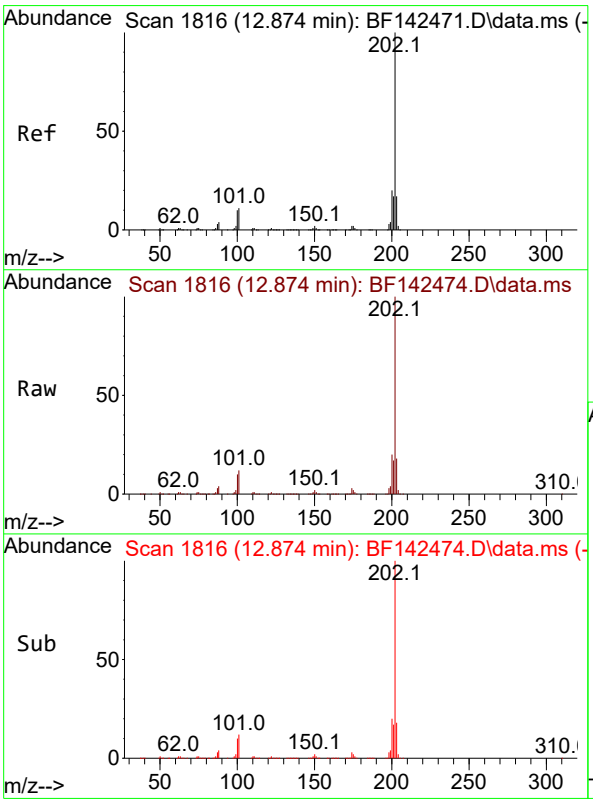
#77
Benzidine
Concen: 59.795 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 343909

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.2	9.0	13.4

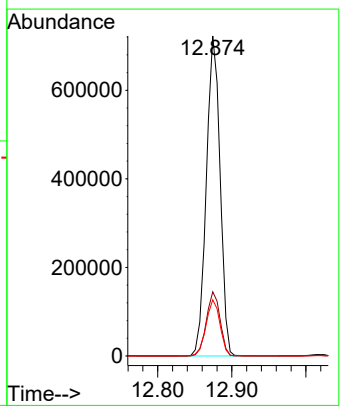


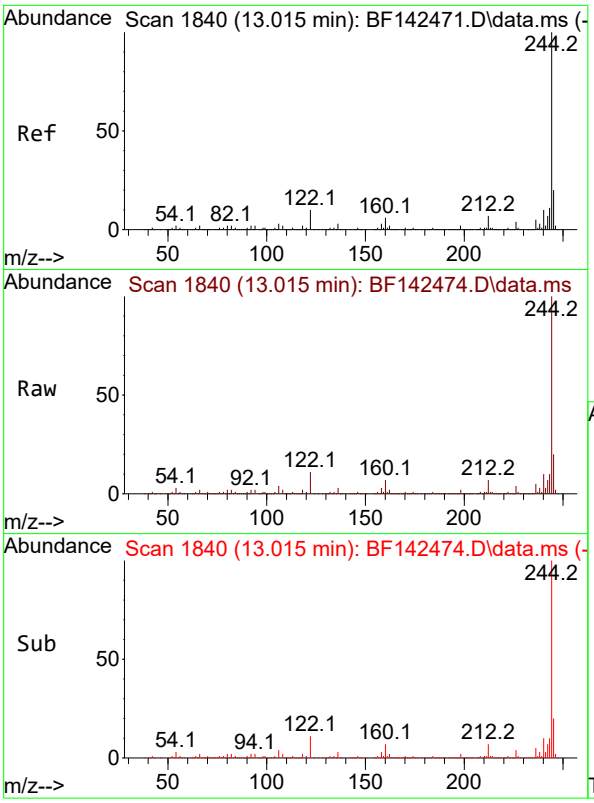


#78
Pyrene
Concen: 64.632 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:202 Resp: 931844

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.5	13.9	20.9



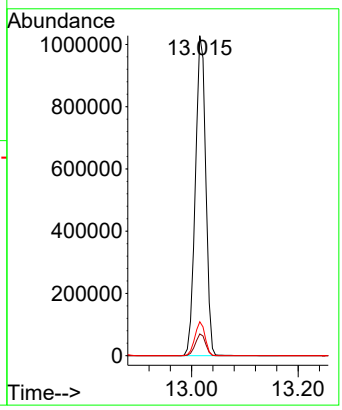


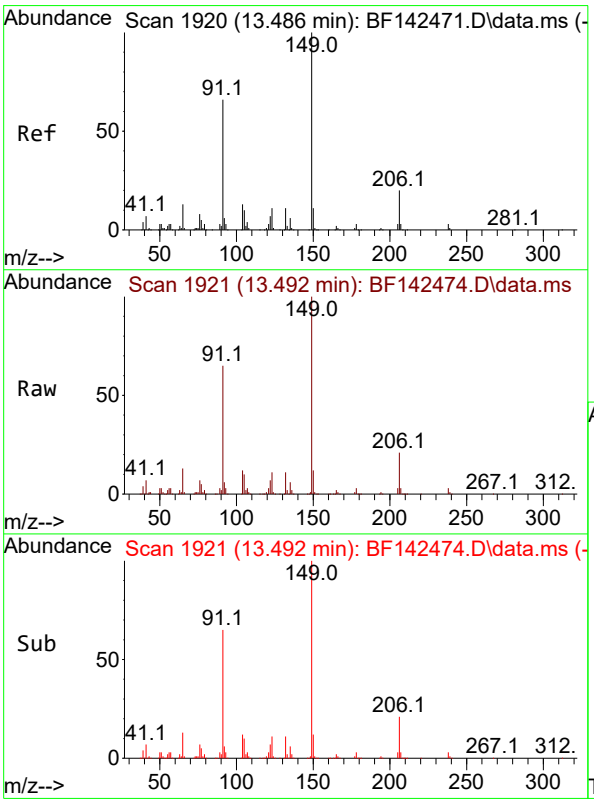
#79
Terphenyl-d14
Concen: 123.140 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 1392704

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.6	8.2	12.2

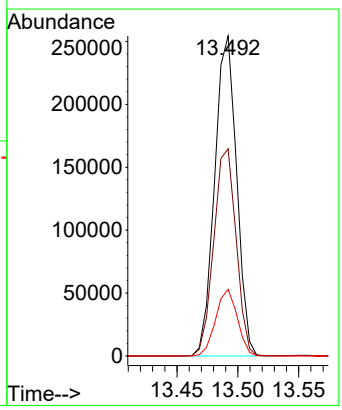


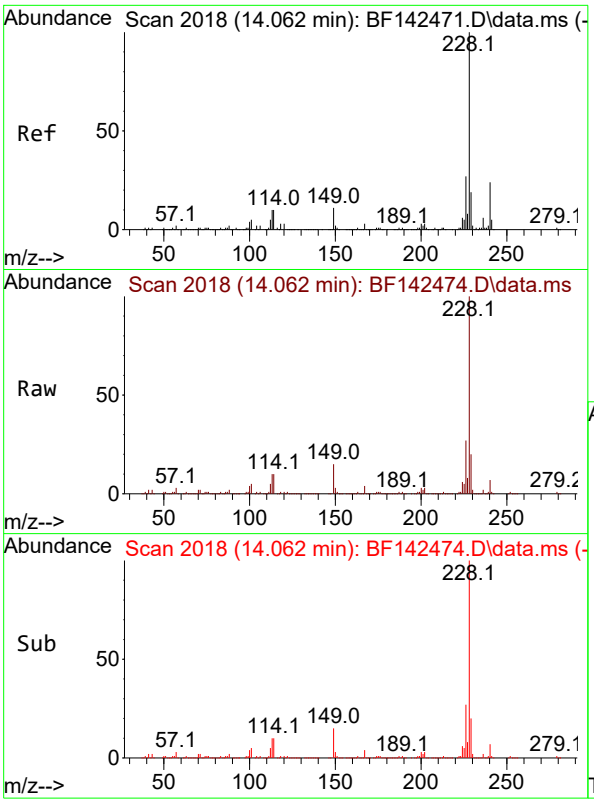


#80
Butylbenzylphthalate
Concen: 80.252 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 319716

Ion	Ratio	Lower	Upper
149	100		
91	64.7	52.9	79.3
206	20.8	16.2	24.2



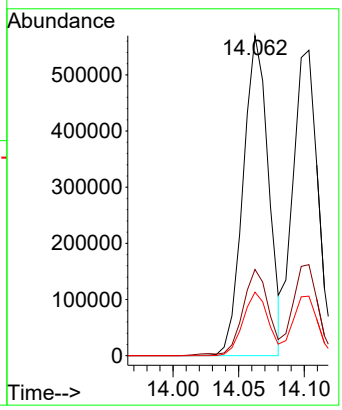


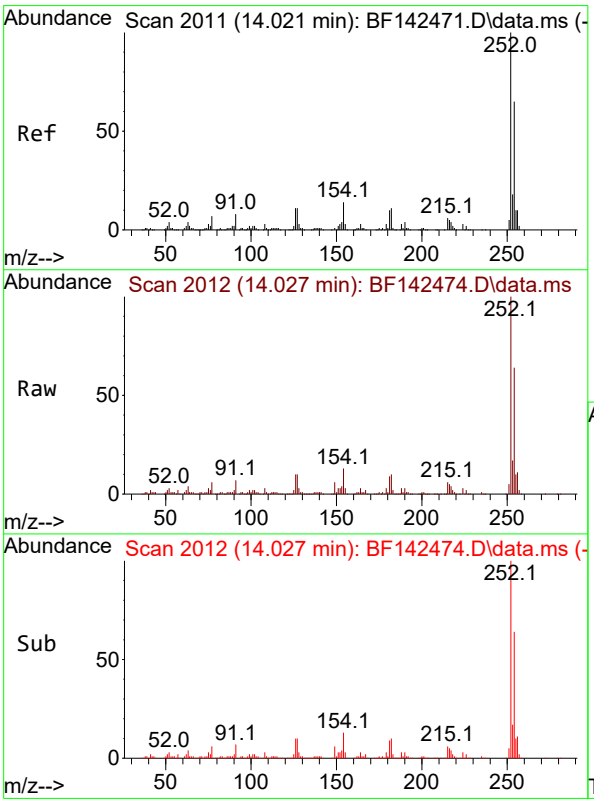
#81
Benzo(a)anthracene
Concen: 74.167 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 765441

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.9	15.5	23.3

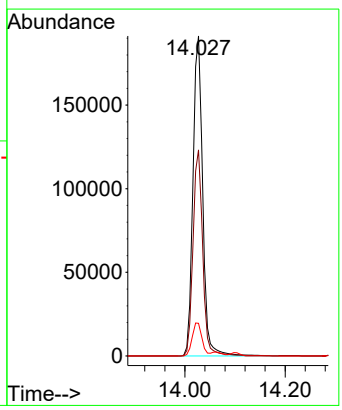


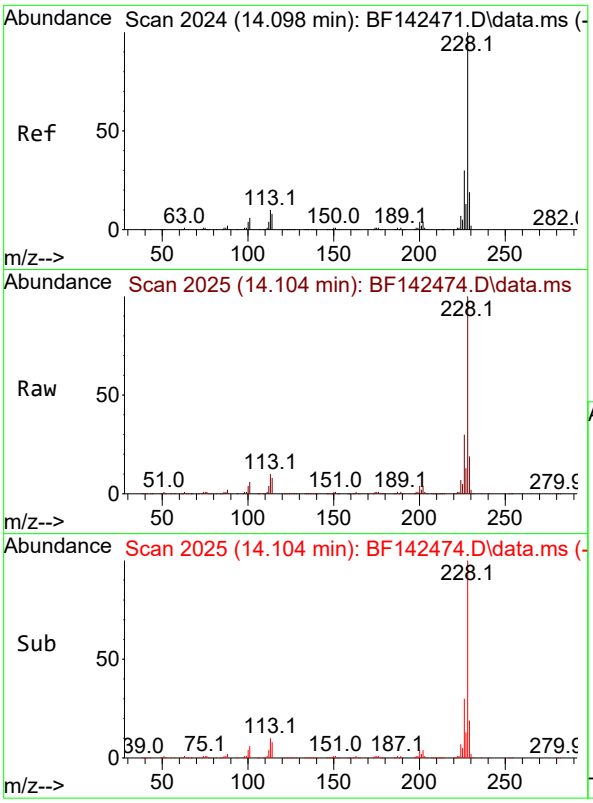


#82
3,3'-Dichlorobenzidine
Concen: 82.274 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 257542

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	10.2	8.9	13.3



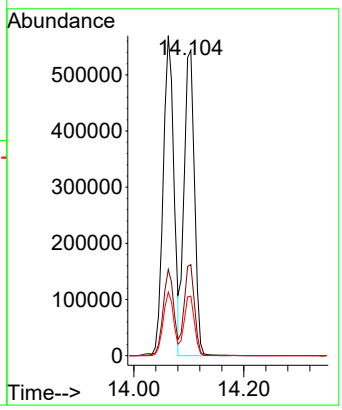


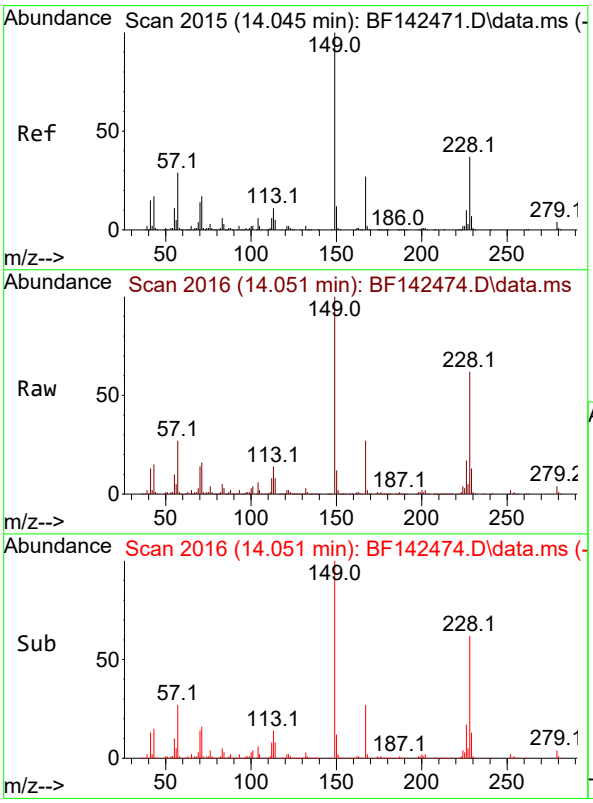
#83
Chrysene
Concen: 77.206 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 715970

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.5	15.4	23.2

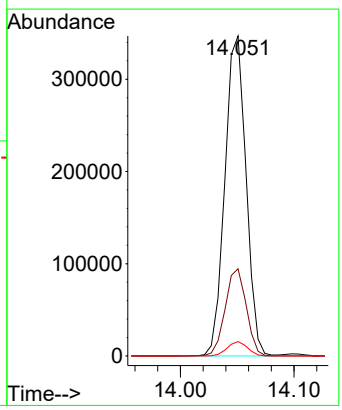


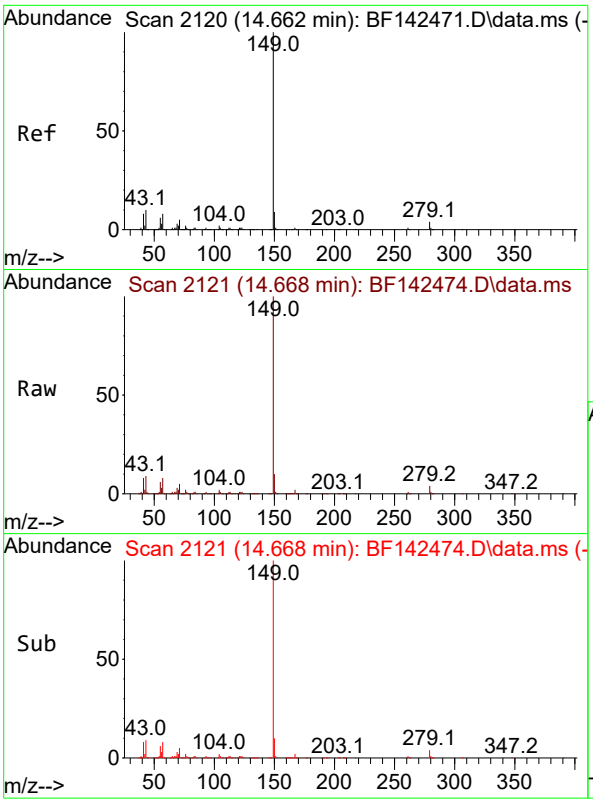


#84
Bis(2-ethylhexyl)phthalate
Concen: 88.168 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 449654

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.5	3.2	4.8



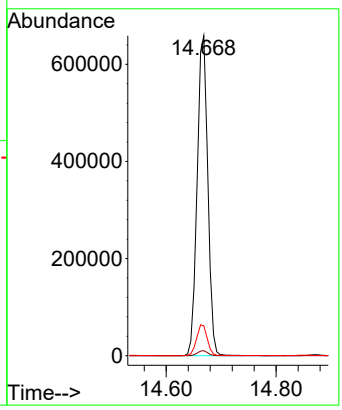


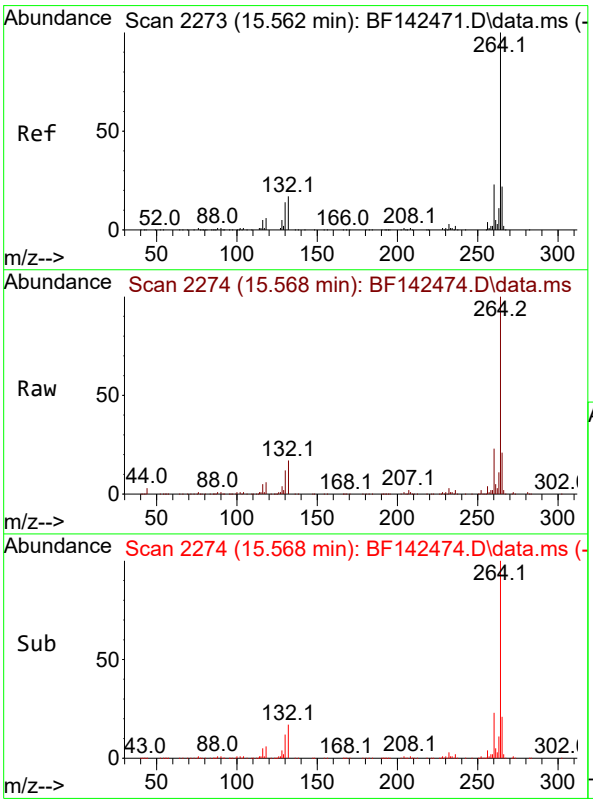
#85
Di-n-octyl phthalate
Concen: 89.073 ng
RT: 14.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 888230

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	7.9	11.9

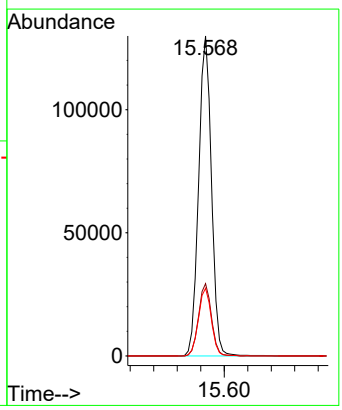


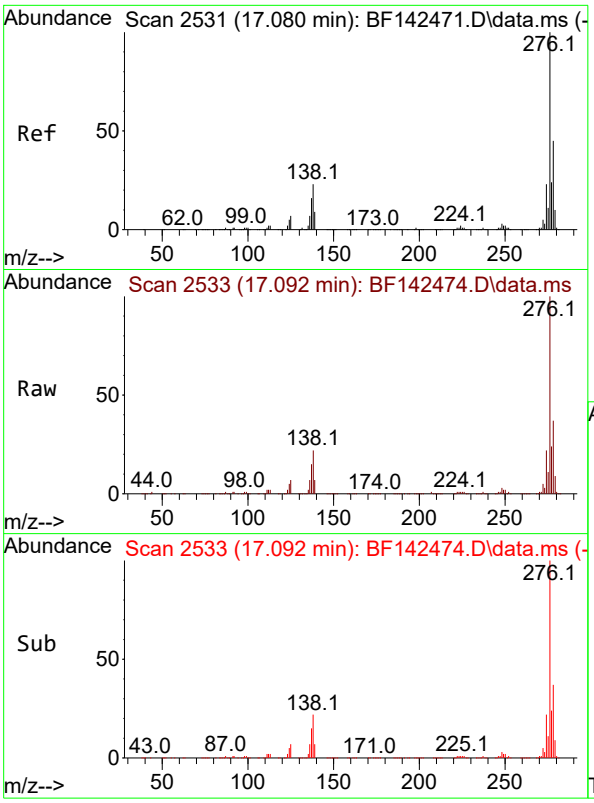


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:264 Resp: 196342

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.2	17.7	26.5



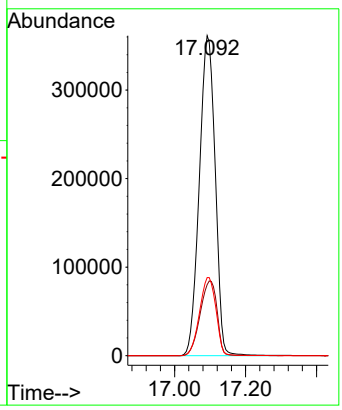


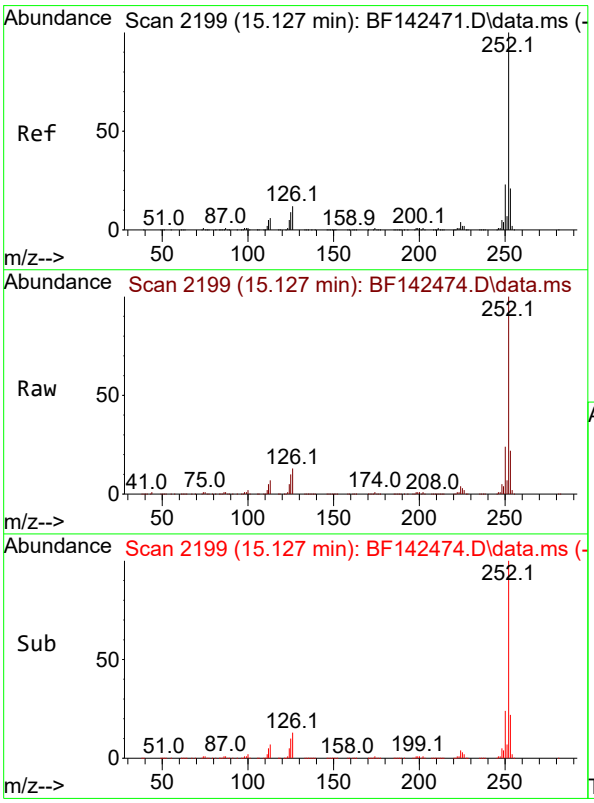
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.417 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1126401

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.9	29.9
277	25.2	20.2	30.2

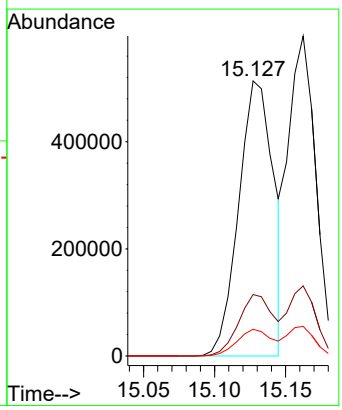


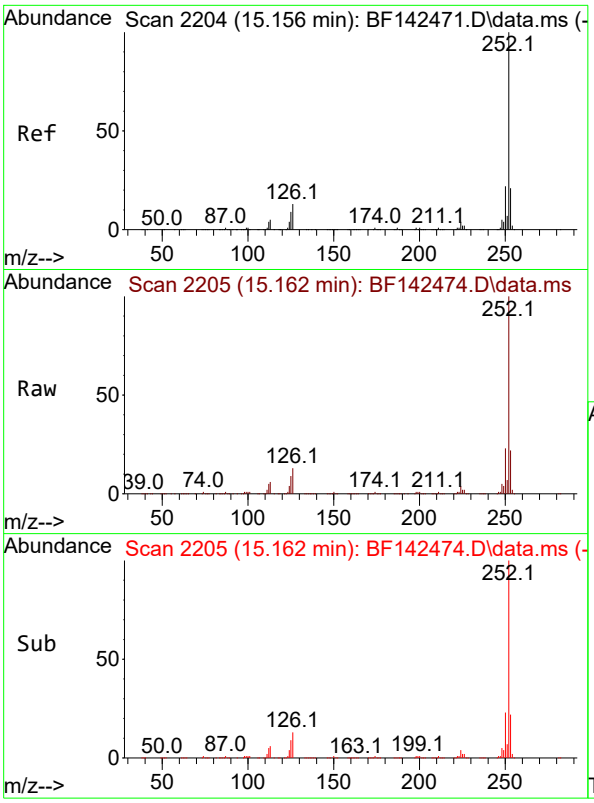


#88
Benzo(b)fluoranthene
Concen: 75.267 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 874640

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	9.7	7.4	11.0



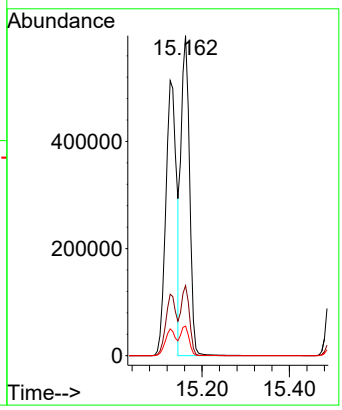


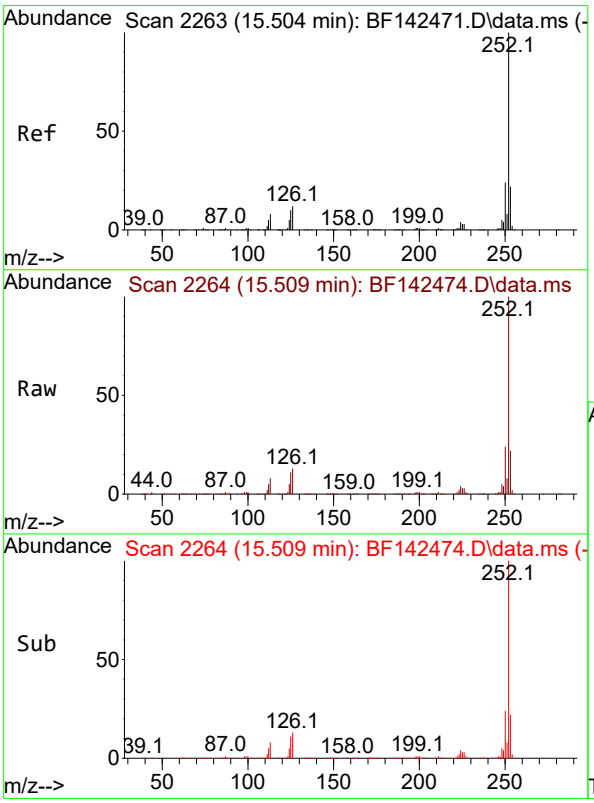
#89
Benzo(k)fluoranthene
Concen: 73.850 ng
RT: 15.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 803775

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.2	7.3	10.9

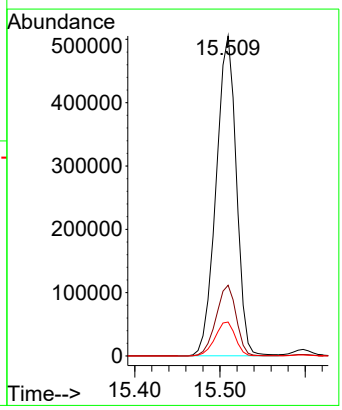


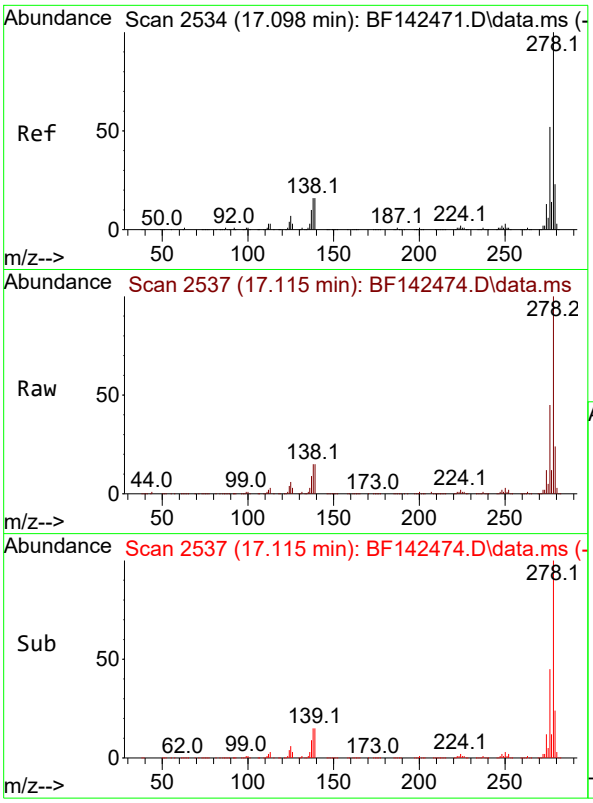


#90
Benzo(a)pyrene
Concen: 76.121 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 833783

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.6	7.9	11.9



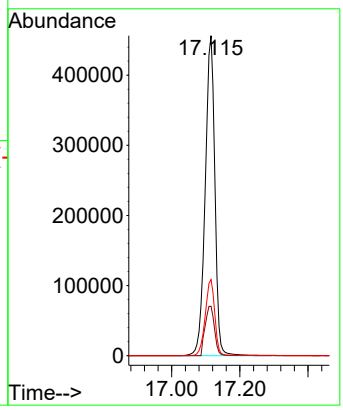


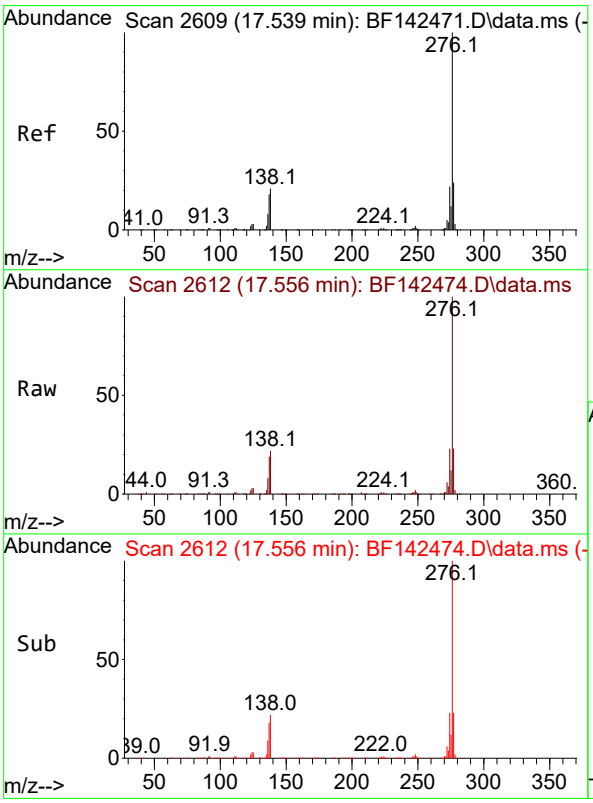
#91
Dibenzo(a,h)anthracene
Concen: 75.513 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 902757

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	23.8	18.6	28.0

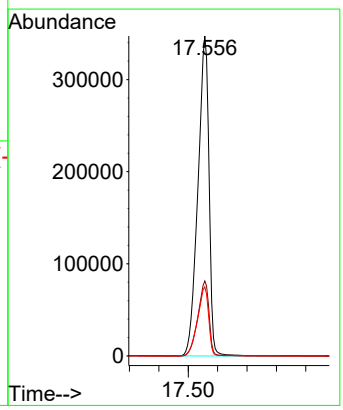




#92
Benzo(g,h,i)perylene
Concen: 76.073 ng
RT: 17.556 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:276 Resp: 909649

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	21.6	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

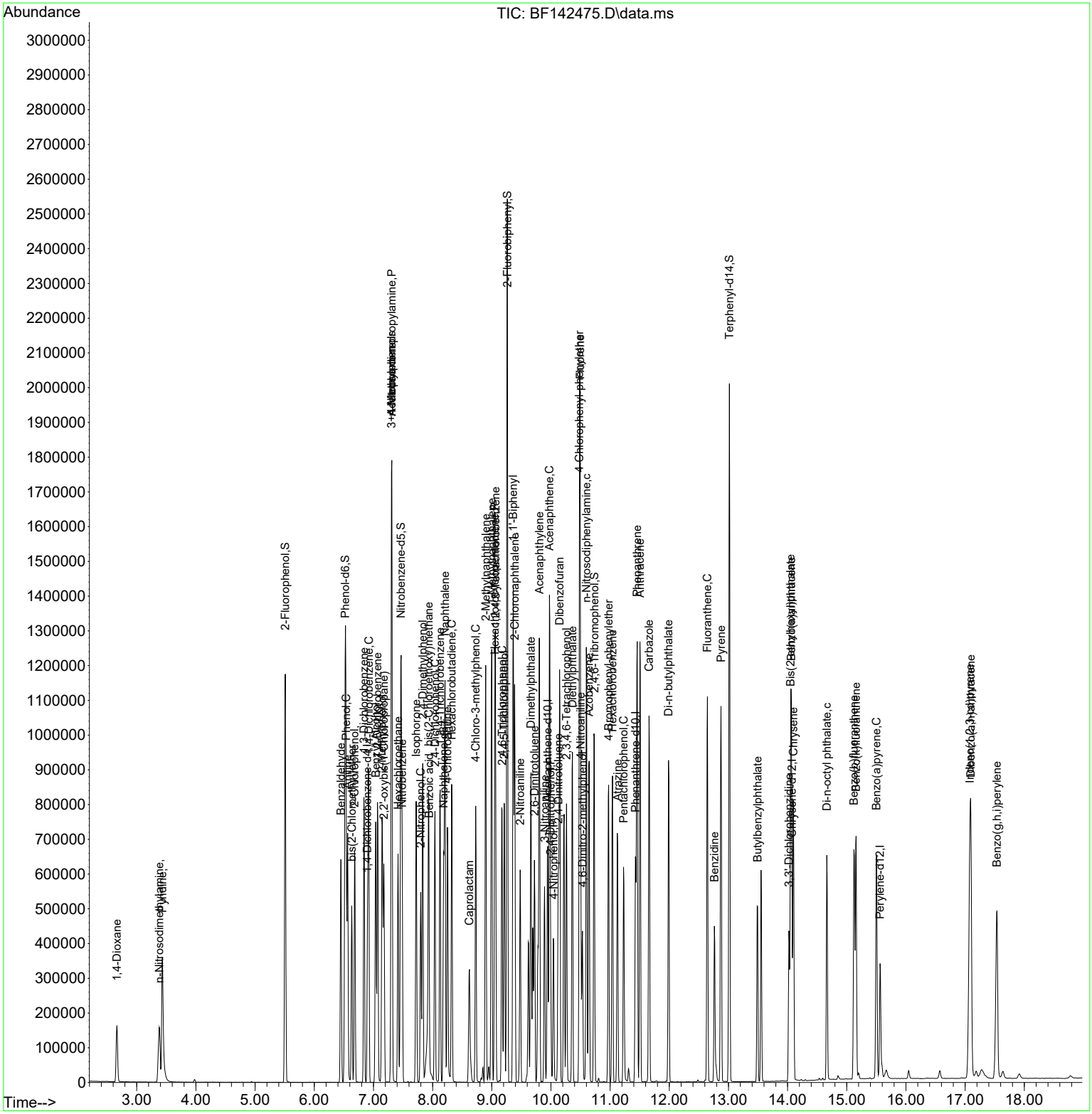
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng		99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng		100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng		99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng		99
49) Acenaphthylene	9.804	152	776377	37.630	ng		100
50) Dimethylphthalate	9.663	163	523004	37.184	ng		100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng		98
52) Acenaphthene	9.975	154	477197	37.877	ng		100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng		98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng	#	35
55) Dibenzofuran	10.145	168	673871	37.170	ng		100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng		98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng		99
58) Fluorene	10.492	166	513487	36.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng		98
60) Diethylphthalate	10.363	149	519861	37.844	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng		99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng		100
63) Azobenzene	10.645	77	466131	37.780	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng		99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng		99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng		99
69) Atrazine	11.127	200	125293	39.541	ng		99
70) Pentachlorophenol	11.227	266	105232	40.866	ng		98
71) Phenanthrene	11.457	178	698503	37.478	ng		100
72) Anthracene	11.504	178	723416	38.032	ng		100
73) Carbazole	11.657	167	622812	38.300	ng		100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng		100
75) Fluoranthene	12.645	202	652697	37.479	ng		100
77) Benzidine	12.763	184	271606	42.525	ng		100
78) Pyrene	12.874	202	642163	40.108	ng		100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng		97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng		100
83) Chrysene	14.098	228	388943	37.768	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng		99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng		100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng		98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng		99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng		100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng		99

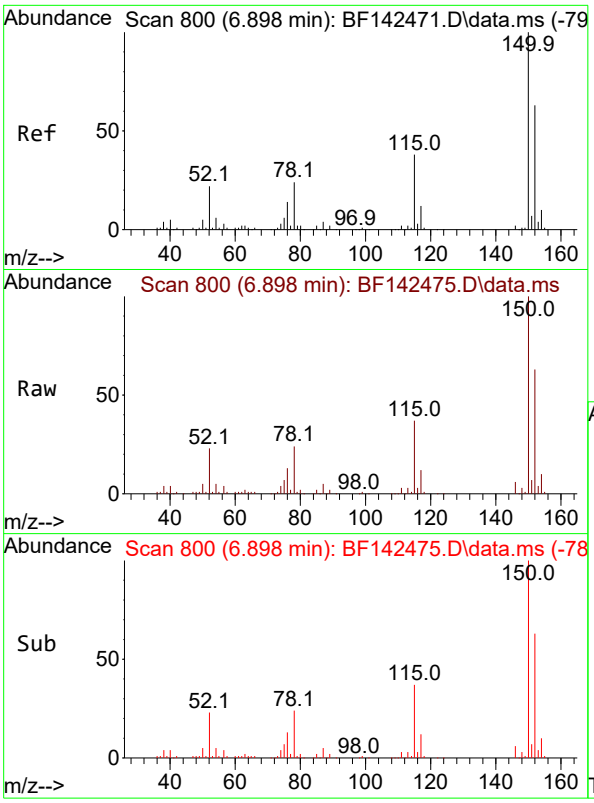
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



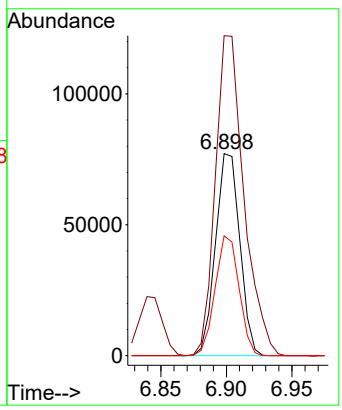


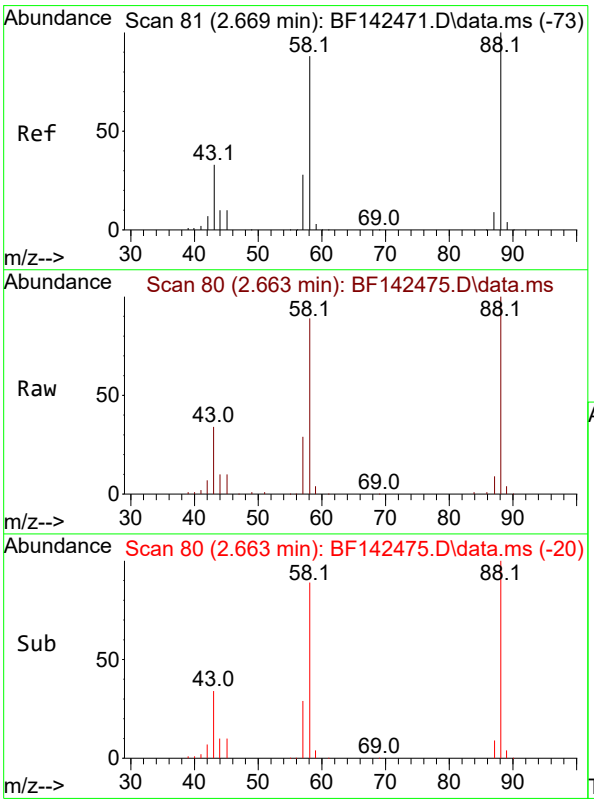
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:152 Resp: 99411

Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.2	192.4
115	59.3	48.3	72.5

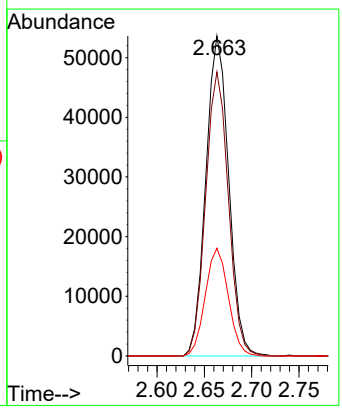


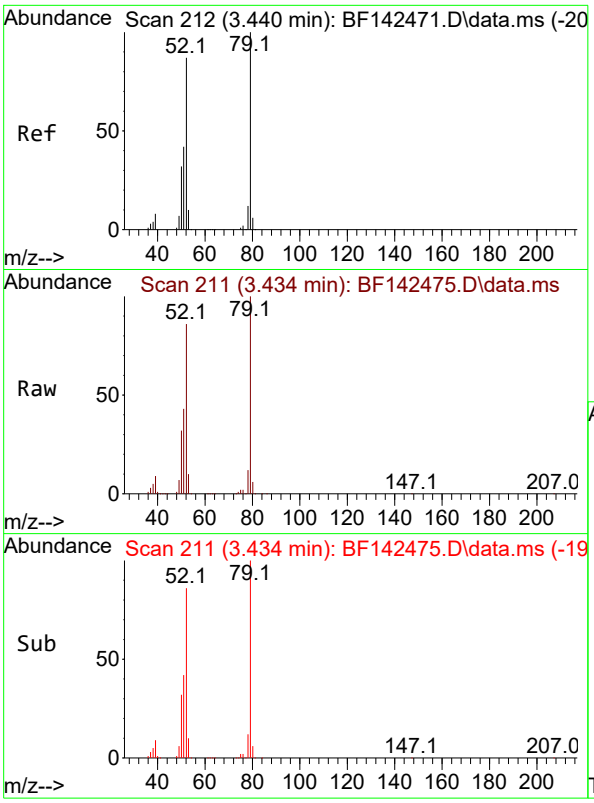


#2
1,4-Dioxane
Concen: 38.184 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 88 Resp: 90159

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.8	106.2
43	33.9	26.6	40.0



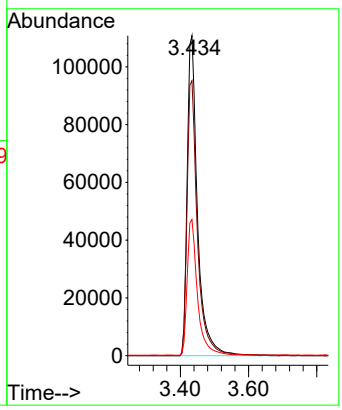


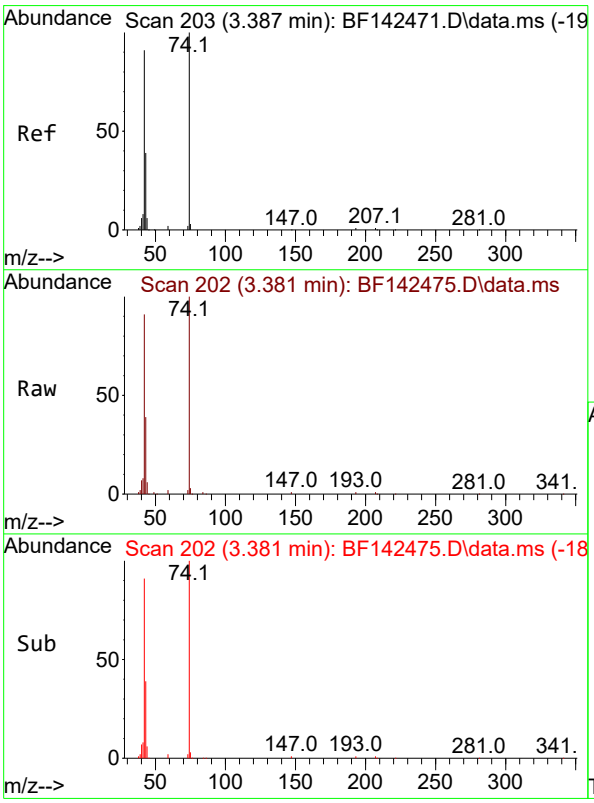
#3
Pyridine
Concen: 38.607 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 79 Resp: 232139

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.2	103.8
51	42.6	33.3	49.9

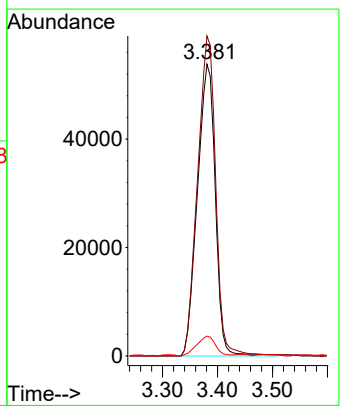


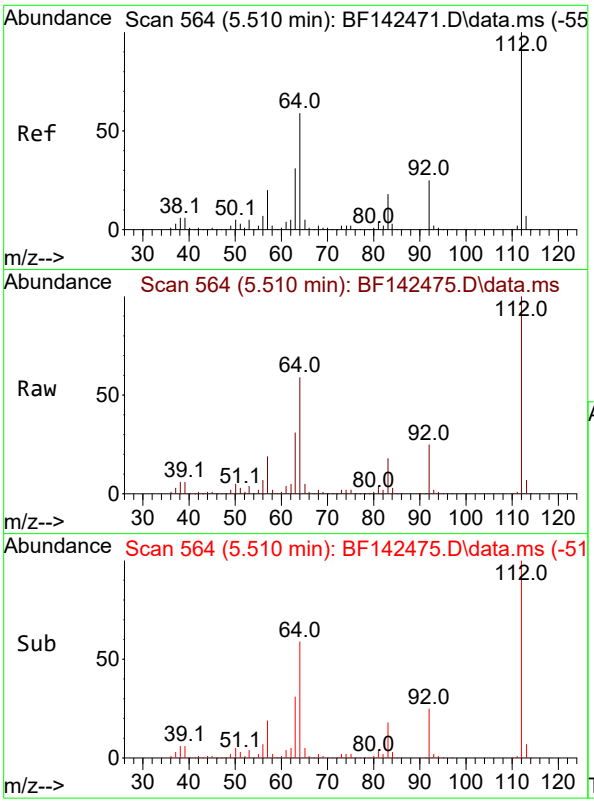


#4
n-Nitrosodimethylamine
Concen: 38.995 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 42 Resp: 121742

Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.2	132.4
44	6.8	5.4	8.2



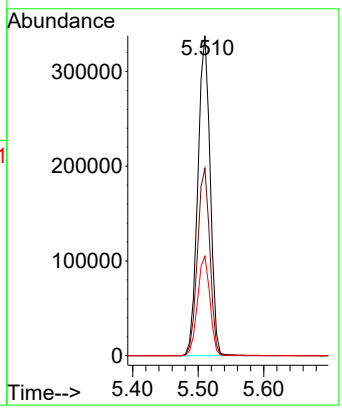


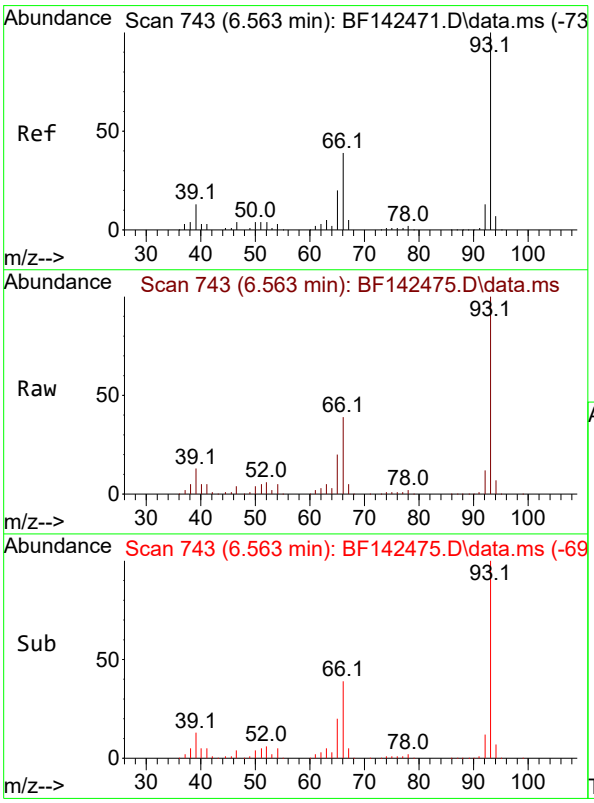
#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:112 Resp: 443470

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.5	71.3
63	31.1	24.9	37.3

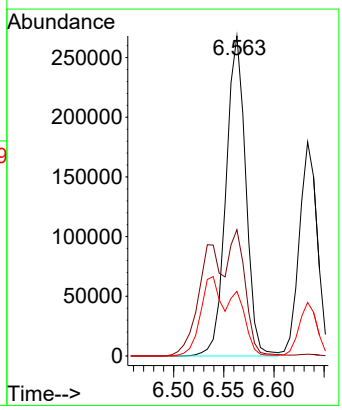


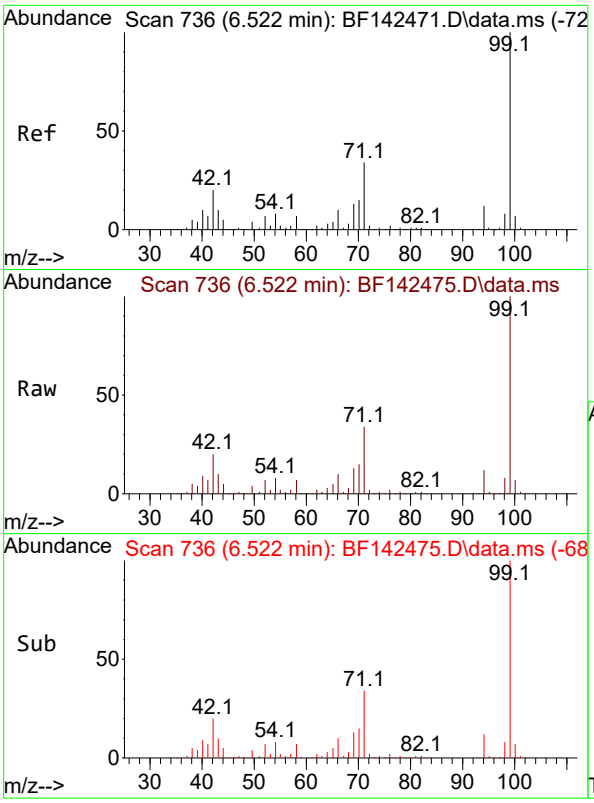


#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 366889

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.0	48.0
65	20.2	16.1	24.1



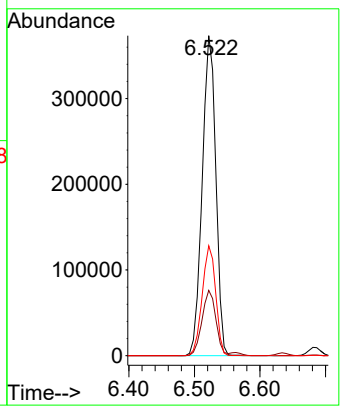


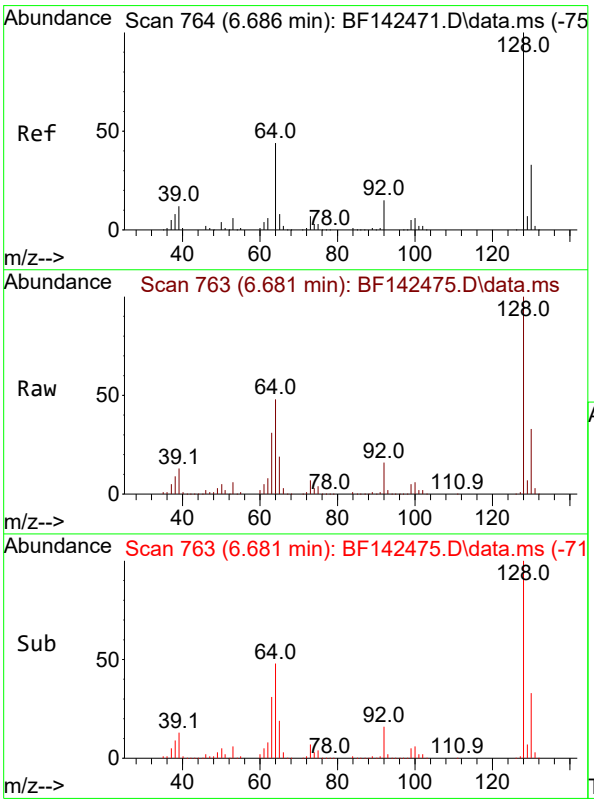
#7
Phenol-d6
Concen: 76.025 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 99 Resp: 539999

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.2
71	34.3	27.3	40.9

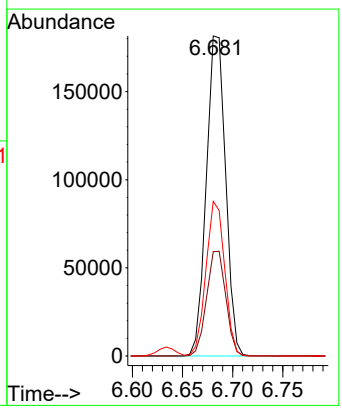


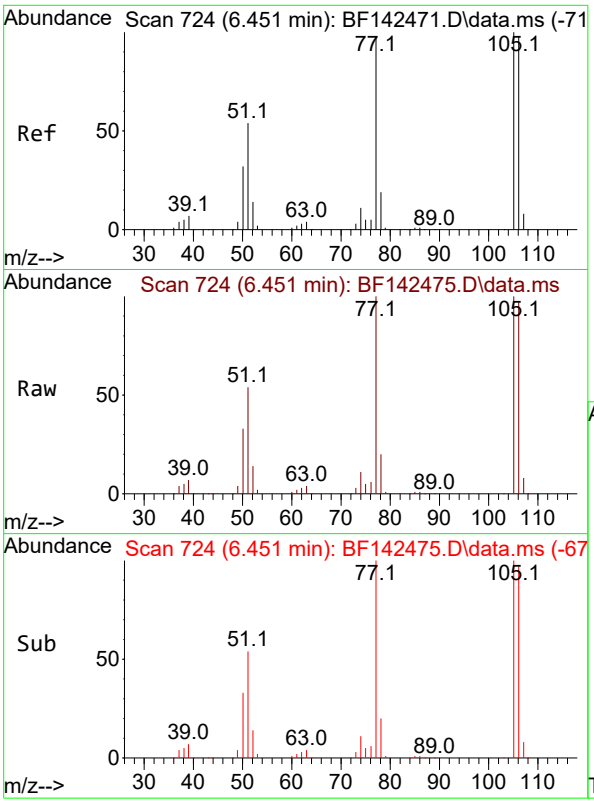


#8
2-Chlorophenol
Concen: 37.902 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:128 Resp: 243599

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	48.3	25.1	65.1



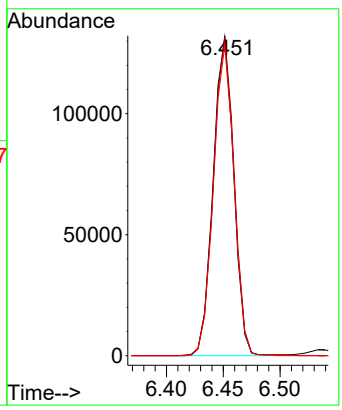


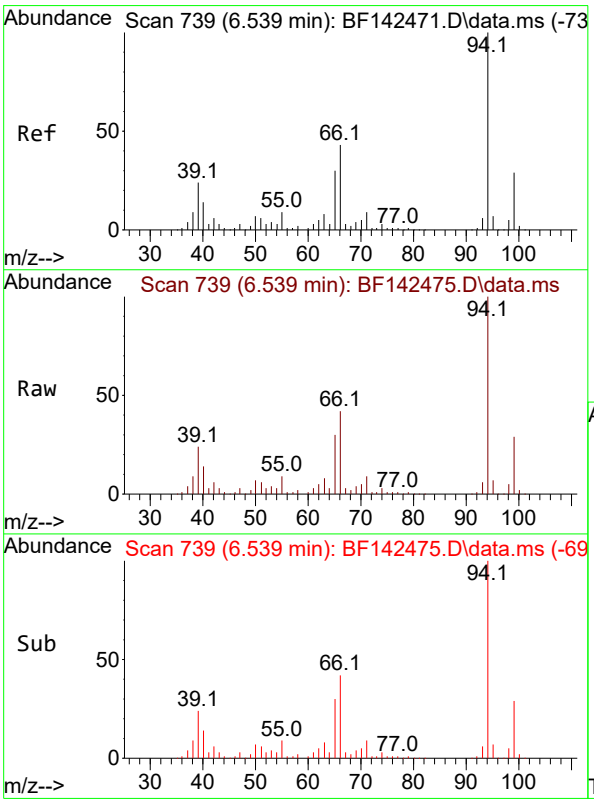
#9
Benzaldehyde
Concen: 38.726 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 77 Resp: 165445

Ion	Ratio	Lower	Upper
77	100		
105	100.5	82.5	122.5
106	97.4	80.0	120.0

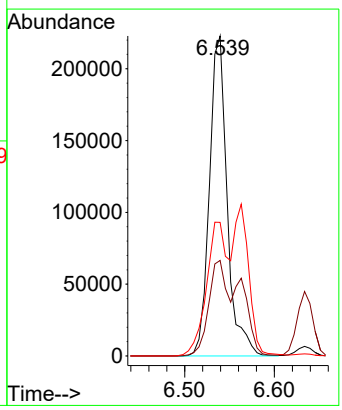


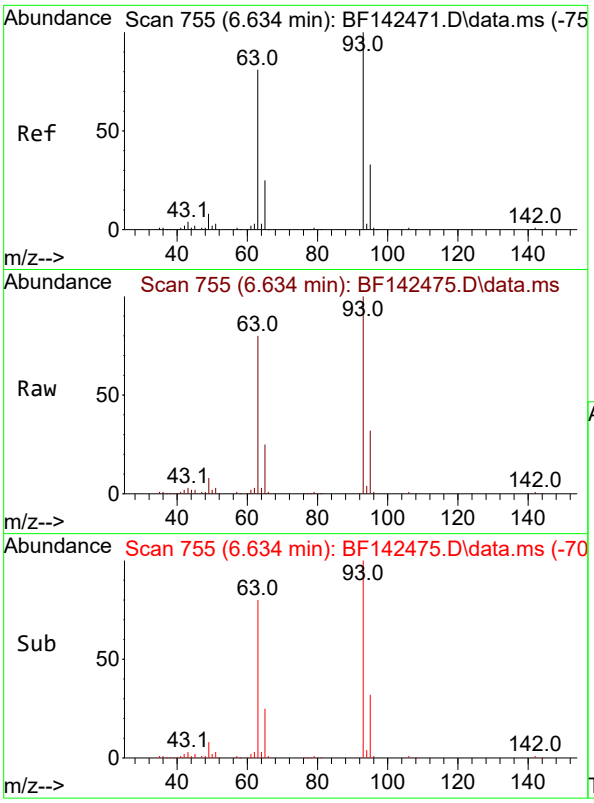


#10
Phenol
Concen: 38.362 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 94 Resp: 306601

Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.3	50.3
66	41.7	22.6	62.6



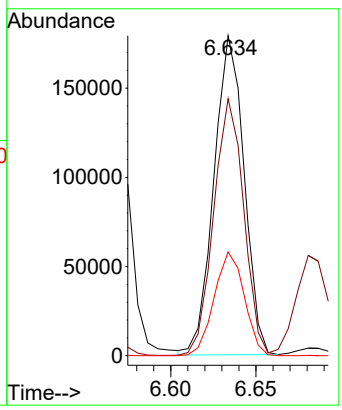


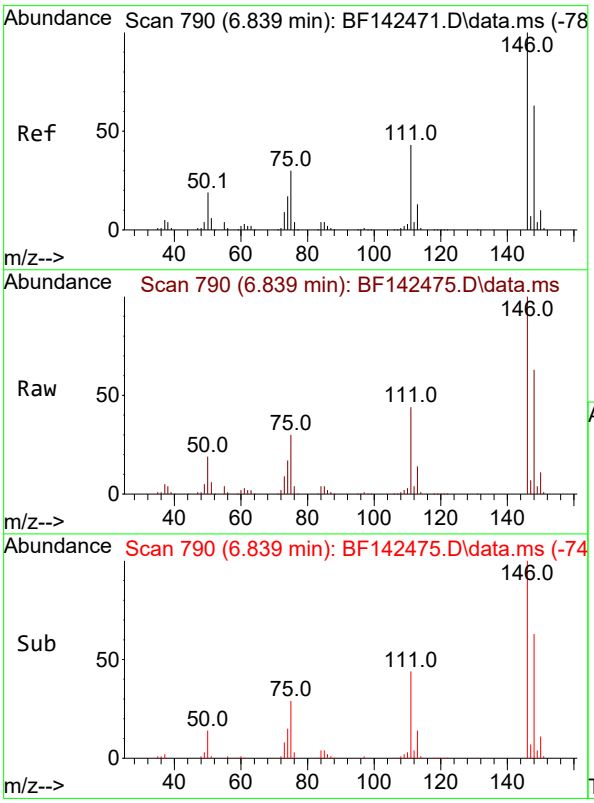
#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 93 Resp: 220228

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.2	100.2
95	32.5	12.3	52.3

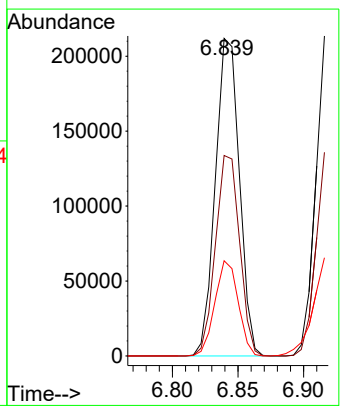


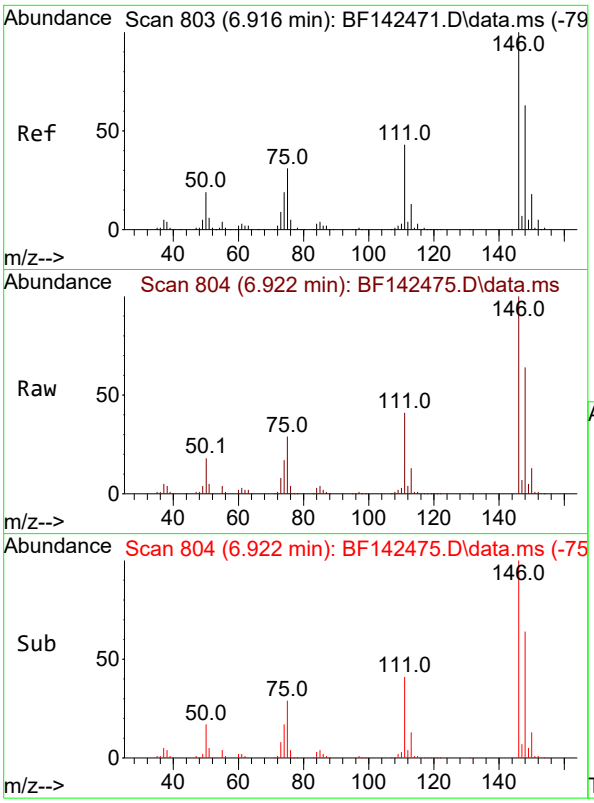


#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:146 Resp: 269504

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
75	30.0	23.8	35.6



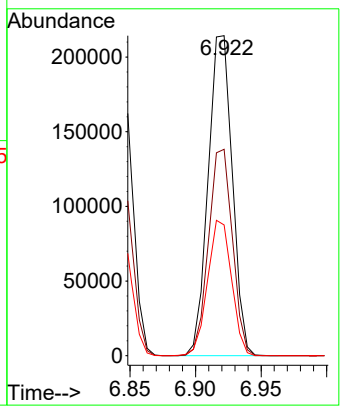


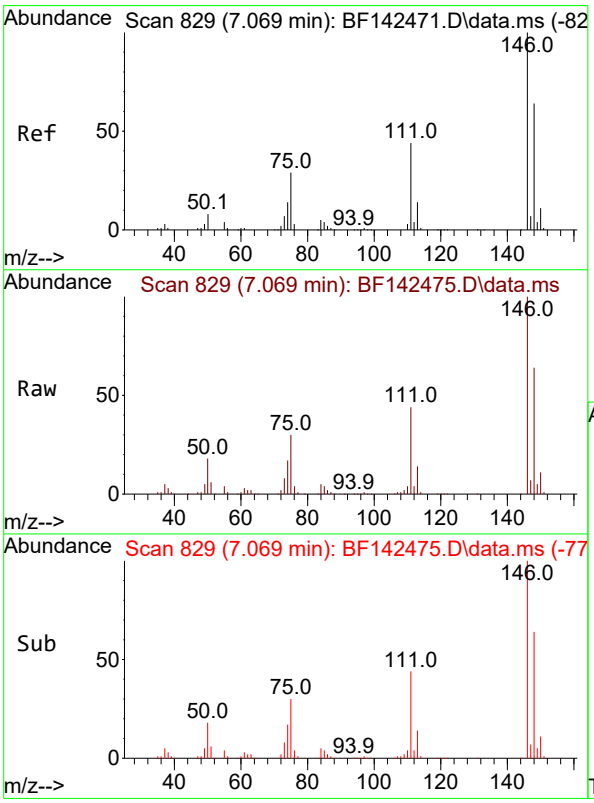
#13
1,4-Dichlorobenzene
Concen: 38.078 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:146 Resp: 275076

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	40.9	34.1	51.1

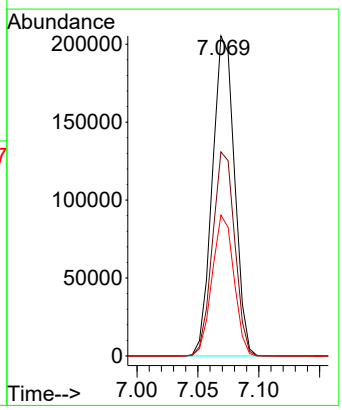


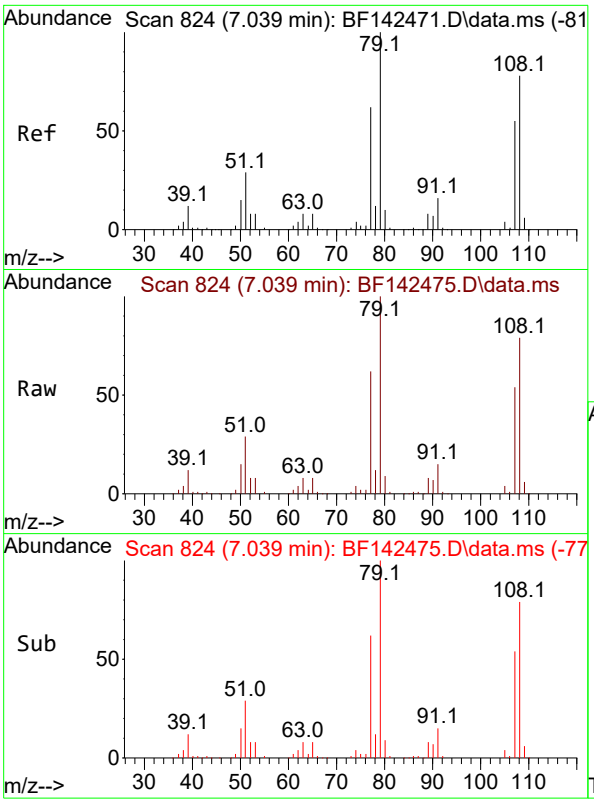


#14
1,2-Dichlorobenzene
Concen: 37.716 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:146 Resp: 260709

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	44.0	35.0	52.6



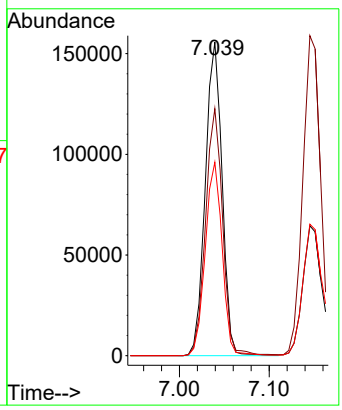


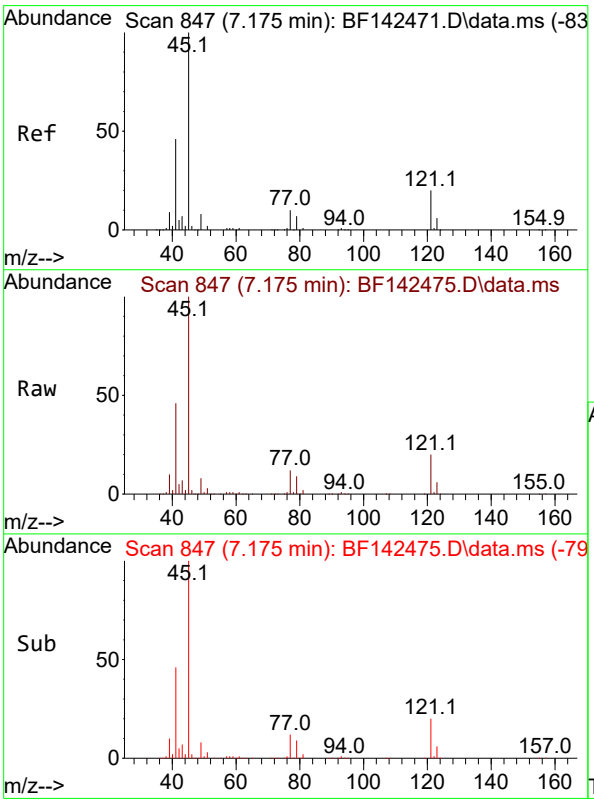
#15
Benzyl Alcohol
Concen: 38.663 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 79 Resp: 202944

Ion	Ratio	Lower	Upper
79	100		
108	78.8	62.1	93.1
77	61.7	49.5	74.3

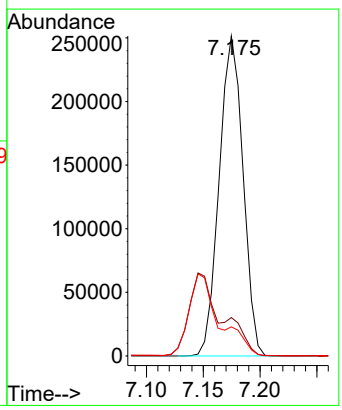


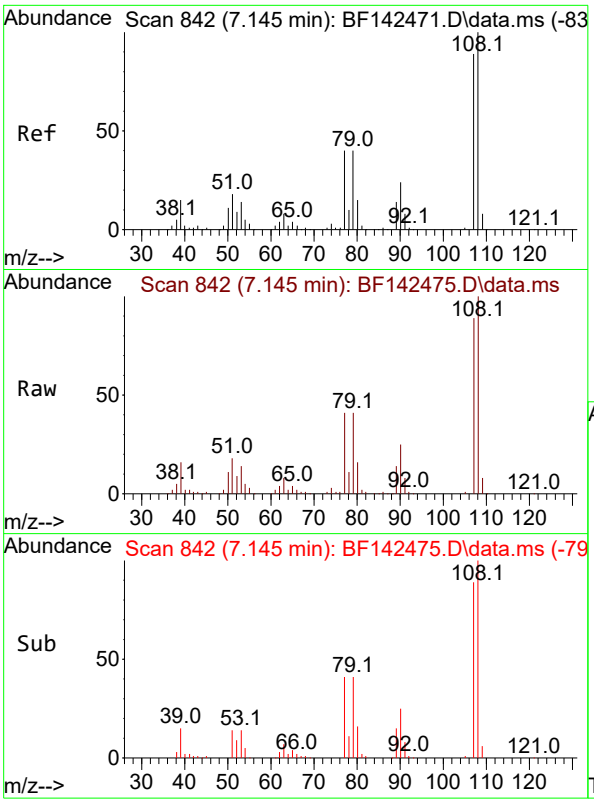


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.927 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 45 Resp: 366430

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.1	0.0	29.2



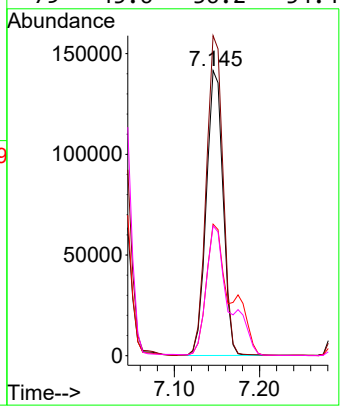


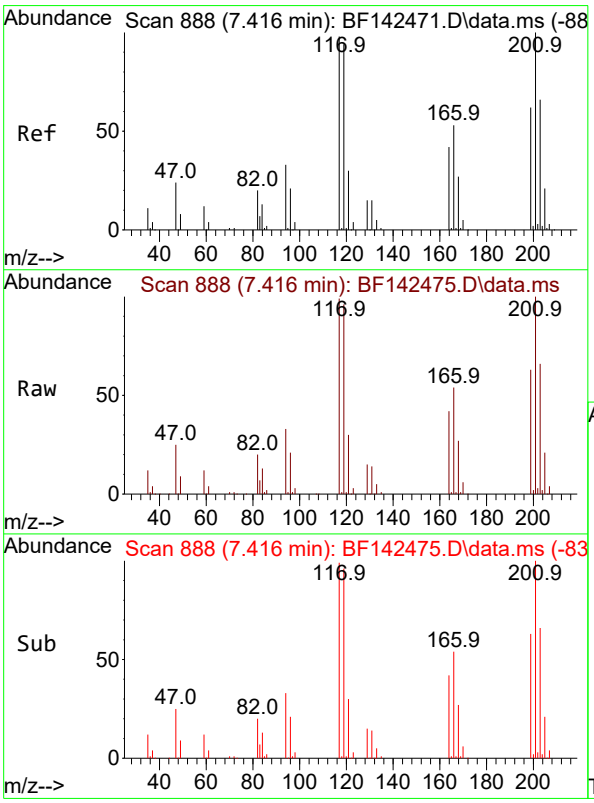
#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:107 Resp: 193190

Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	46.1	36.1	54.1
79	45.6	36.2	54.4

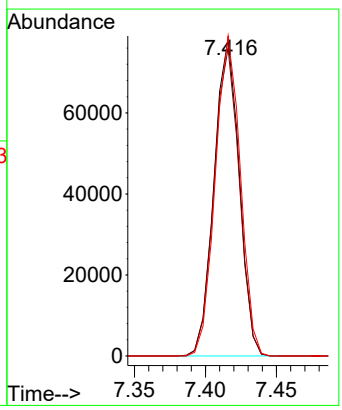


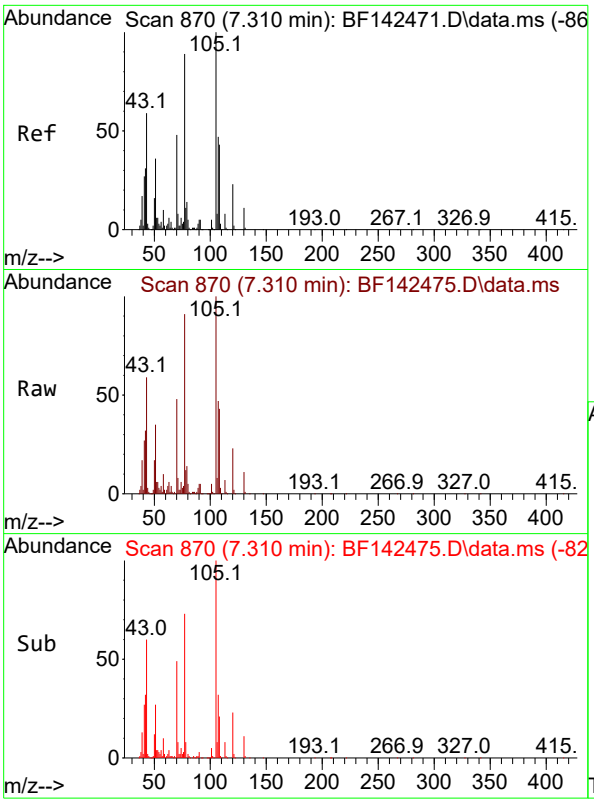


#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:117 Resp: 96202

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	100.8	81.3	121.9



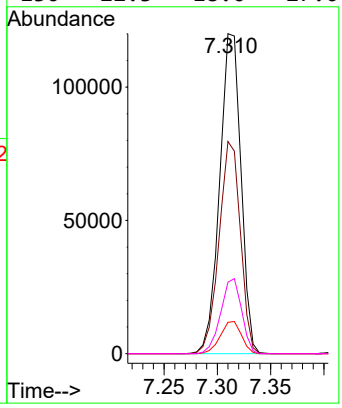


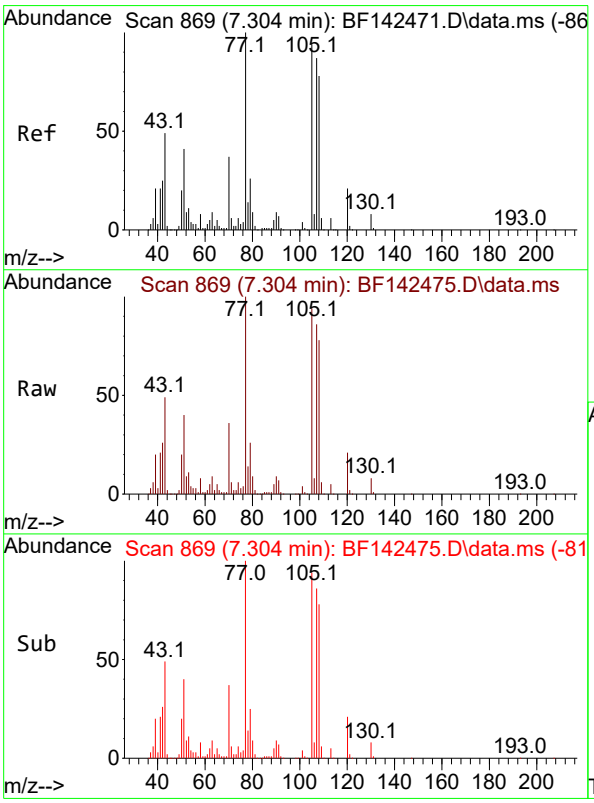
#19
n-Nitroso-di-n-propylamine
Concen: 37.833 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 70 Resp: 166542

Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.4	78.6
101	9.8	7.8	11.8
130	22.3	18.0	27.0

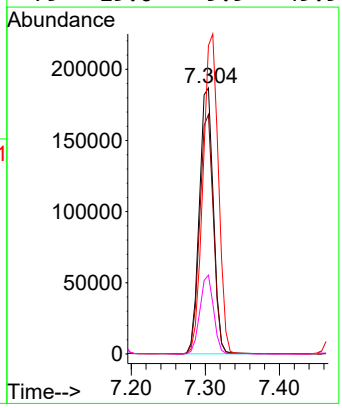


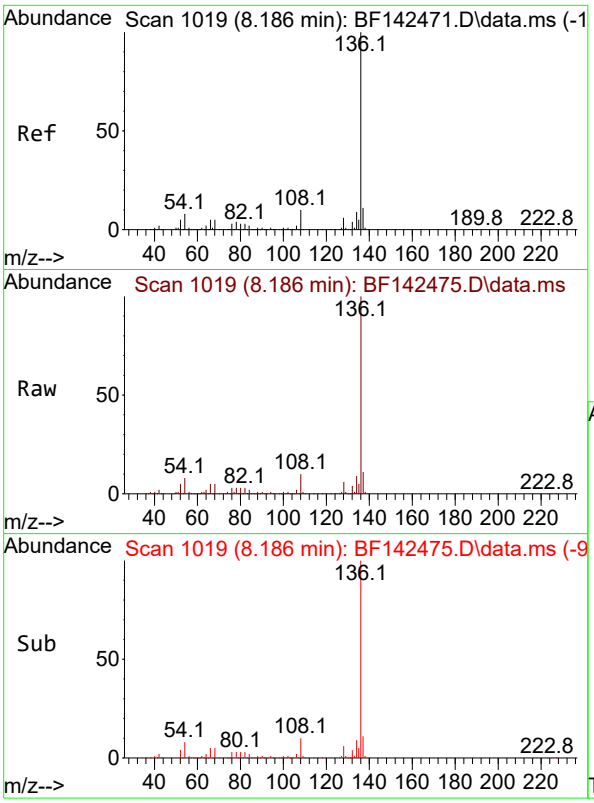


#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:107 Resp: 244310

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	115.9	95.4	135.4
79	29.6	9.9	49.9



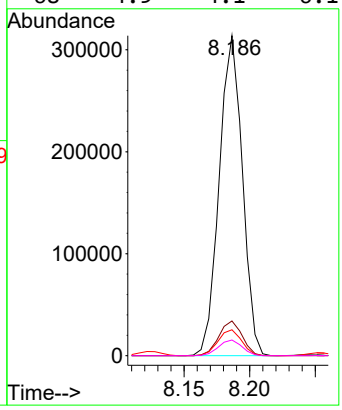


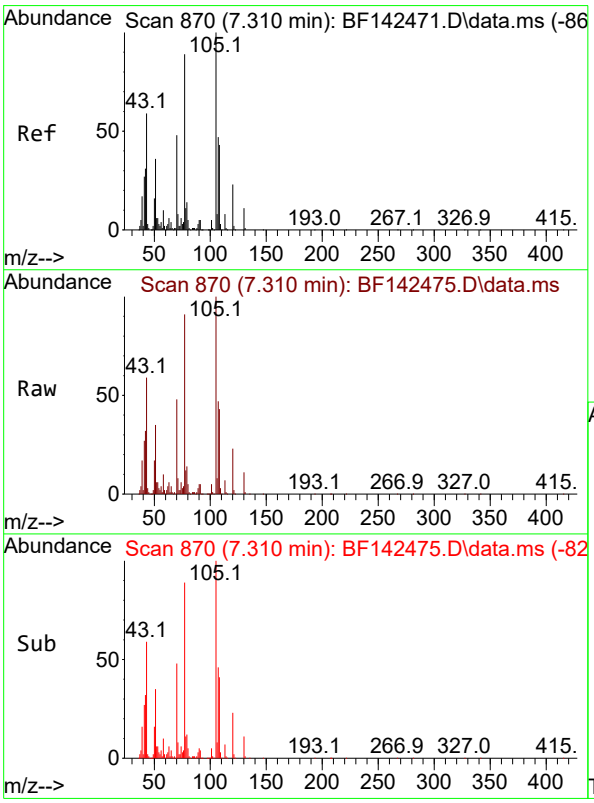
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:136 Resp: 385222

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.6	10.0
68	4.9	4.1	6.1

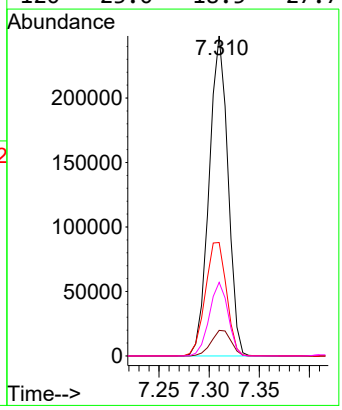


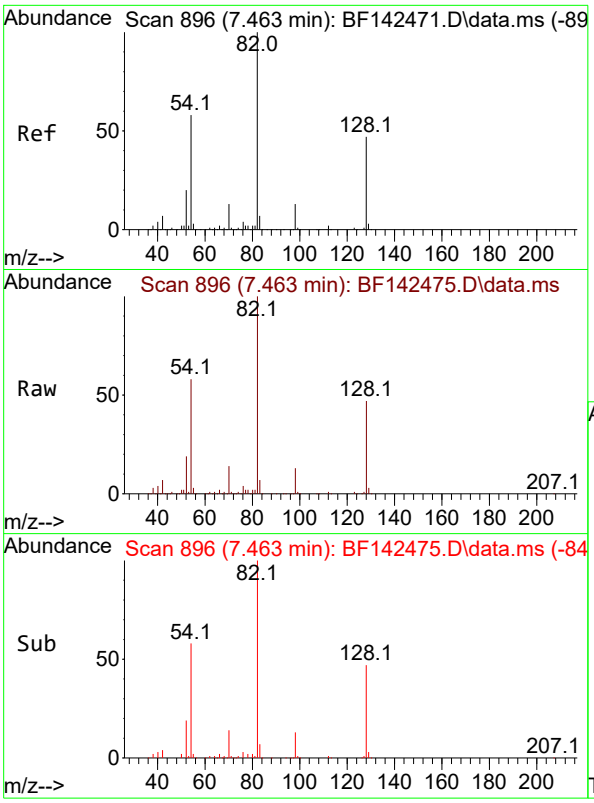


#22
Acetophenone
Concen: 38.118 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:105 Resp: 325056

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	35.4	28.6	42.8
120	23.0	18.5	27.7



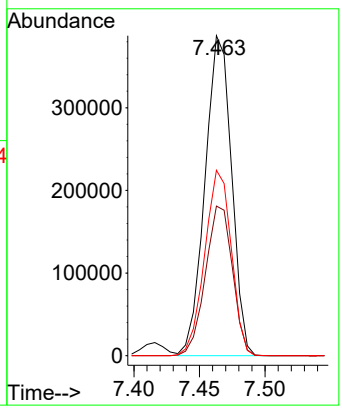


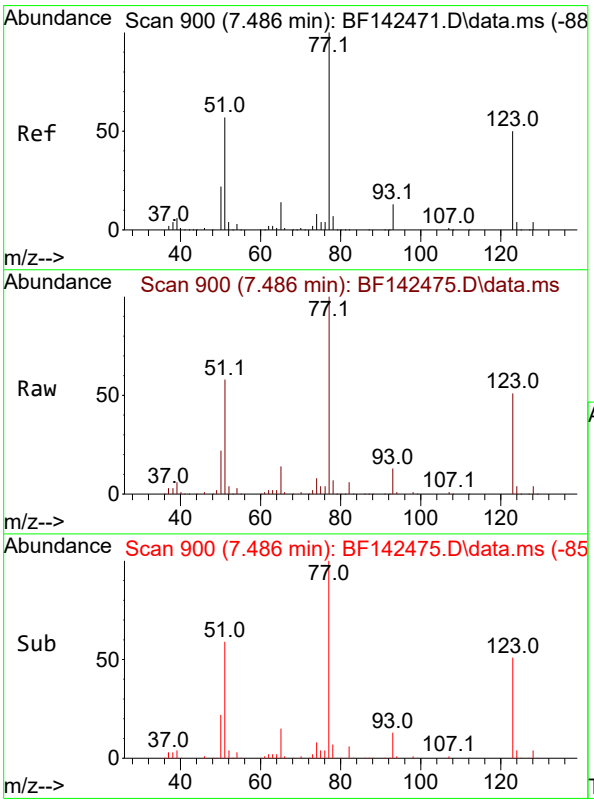
#23
Nitrobenzene-d5
Concen: 77.283 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 82 Resp: 545967

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	58.0	46.6	70.0

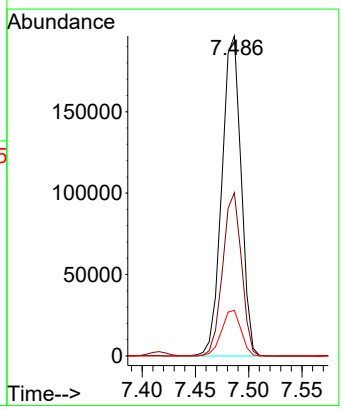


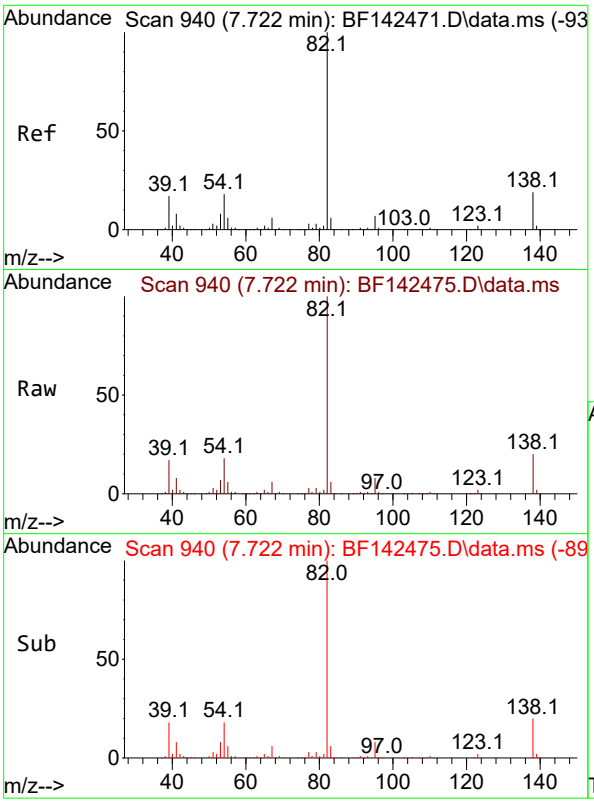


#24
Nitrobenzene
Concen: 38.737 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 77 Resp: 246818

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.6	61.0
65	14.3	11.4	17.2



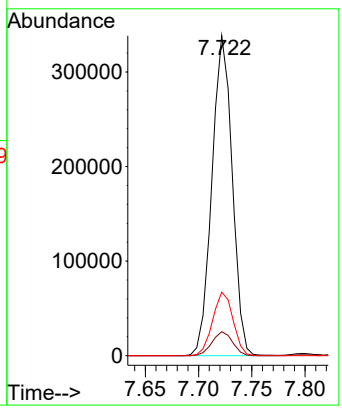


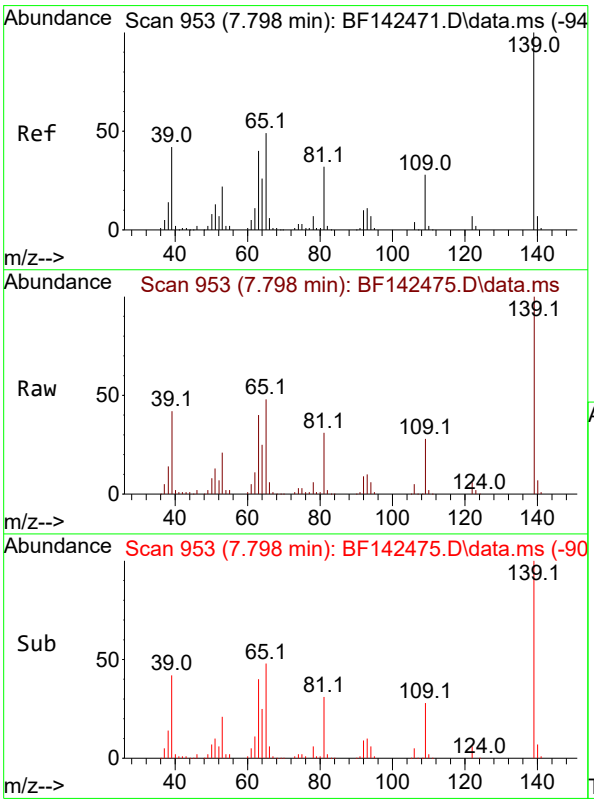
#25
Isophorone
Concen: 37.906 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 82 Resp: 447723

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.9	15.5	23.3

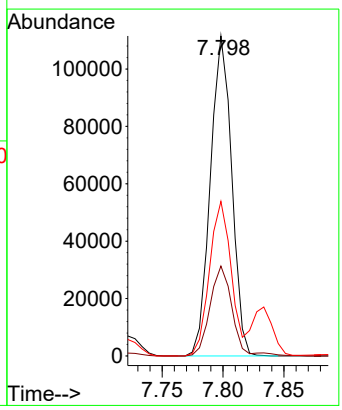


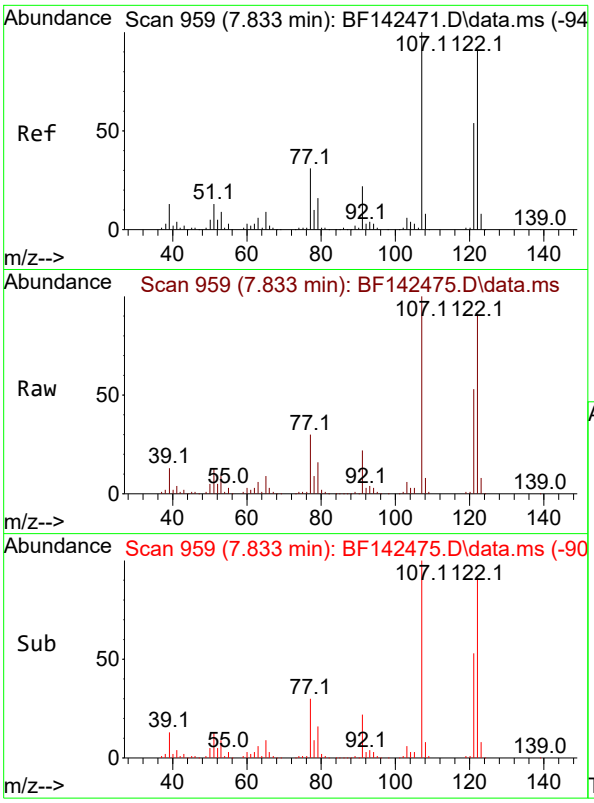


#26
2-Nitrophenol
Concen: 39.958 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 136039

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.6	33.8
65	48.3	39.4	59.0



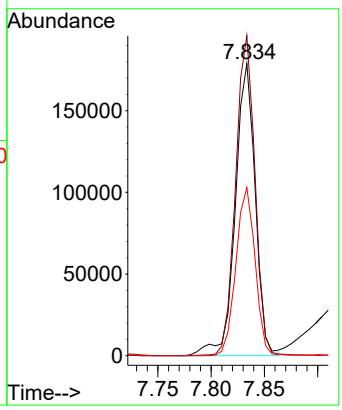


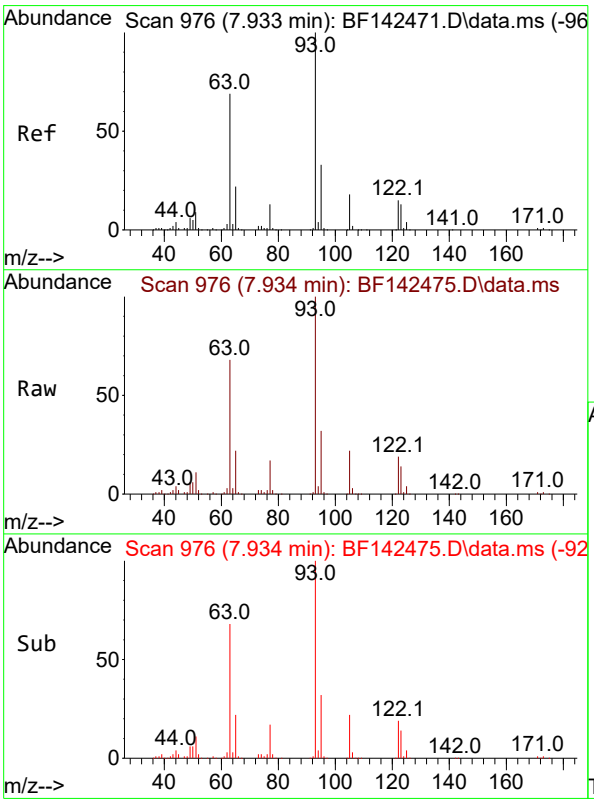
#27
2,4-Dimethylphenol
Concen: 38.953 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:122 Resp: 233871

Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.1	132.1
121	57.5	47.3	70.9

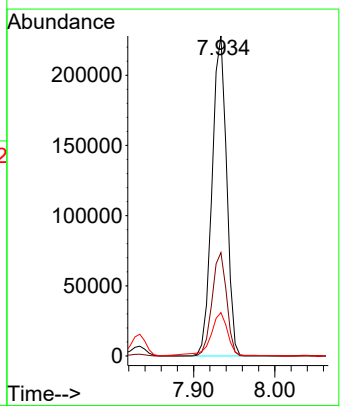


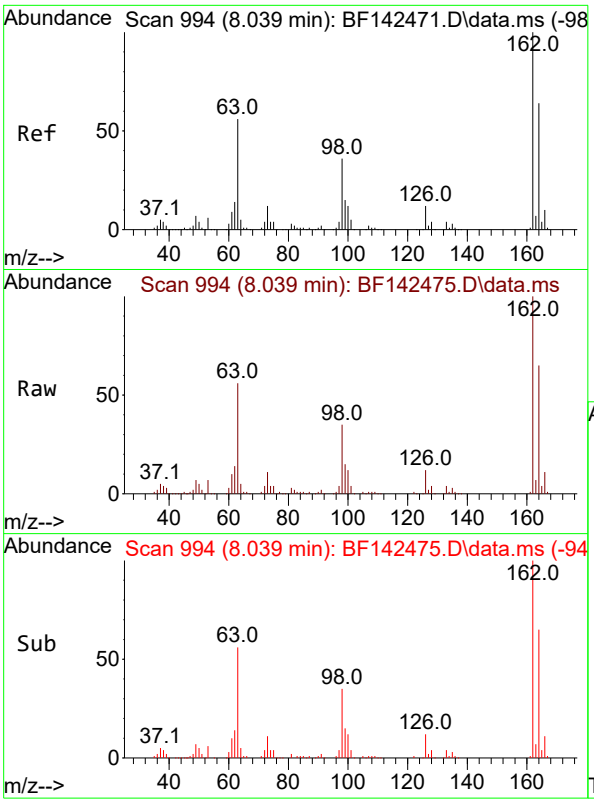


#28
bis(2-Chloroethoxy)methane
Concen: 38.407 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 283379

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	13.5	10.6	15.8



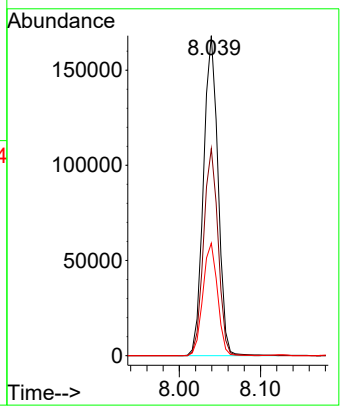


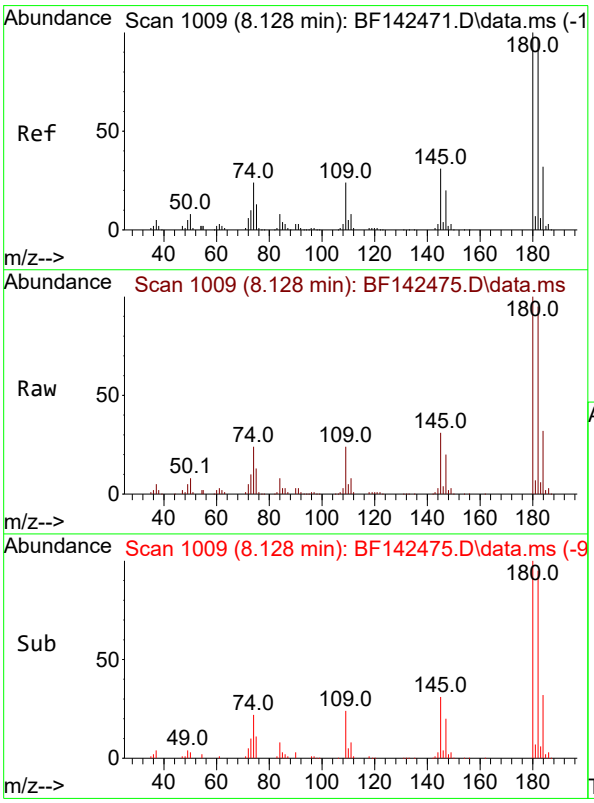
#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:162 Resp: 209040

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.7	83.7
98	35.1	15.5	55.5

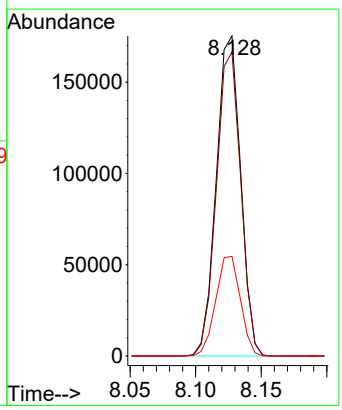


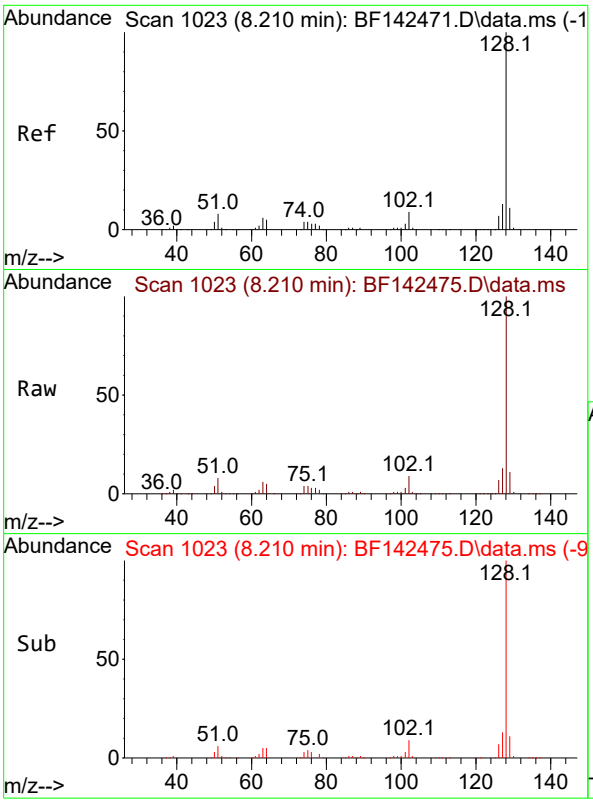


#30
1,2,4-Trichlorobenzene
Concen: 38.187 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:180 Resp: 226285

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.0	37.6



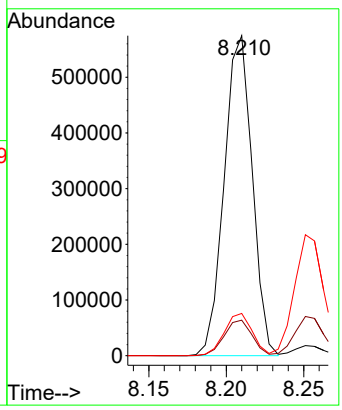


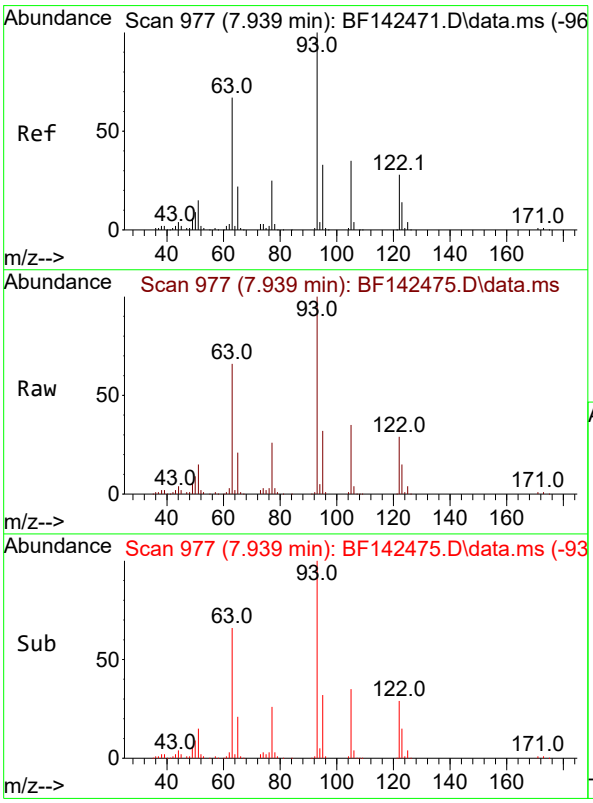
#31
Naphthalene
Concen: 38.112 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:128 Resp: 722913

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.5	15.7

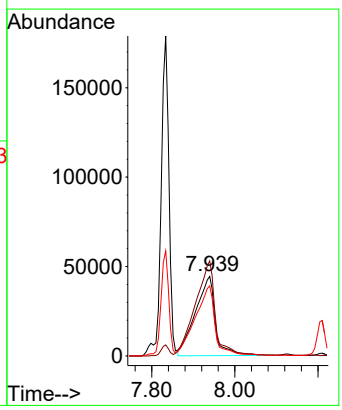


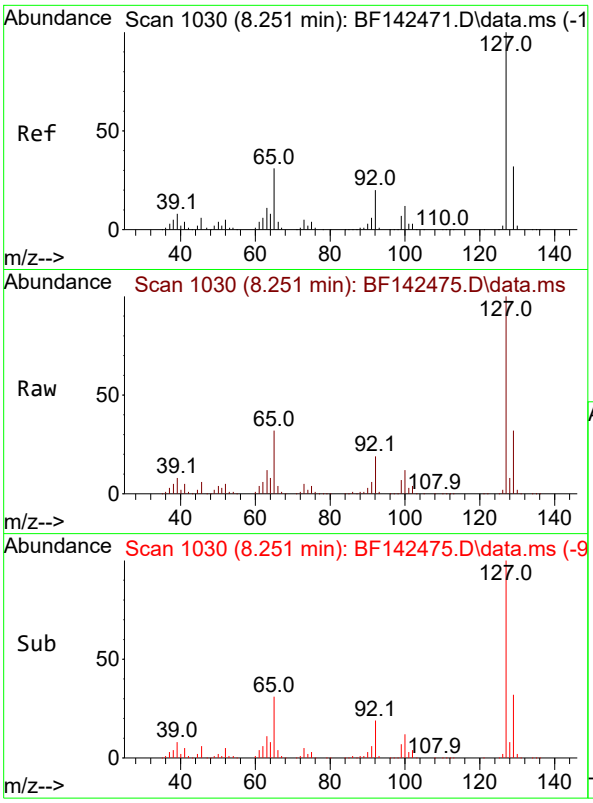


#32
Benzoic acid
Concen: 40.490 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:122 Resp: 147981

Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.7	141.7
77	88.1	69.5	109.5



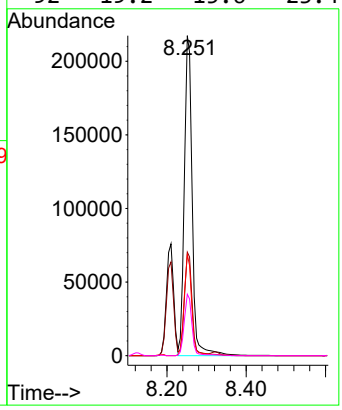


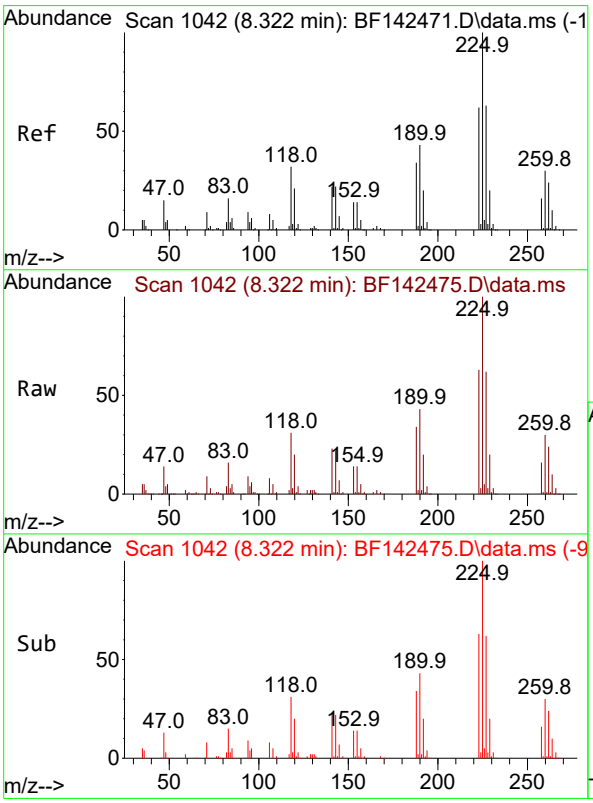
#33
4-Chloroaniline
Concen: 38.962 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:127 Resp: 299462

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.6	24.9	37.3
92	19.2	15.6	23.4

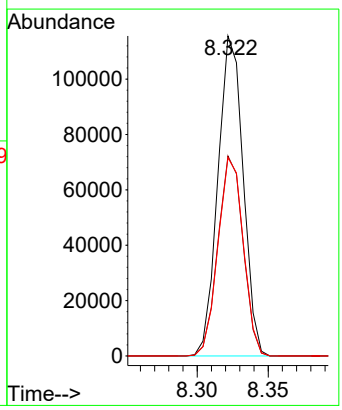


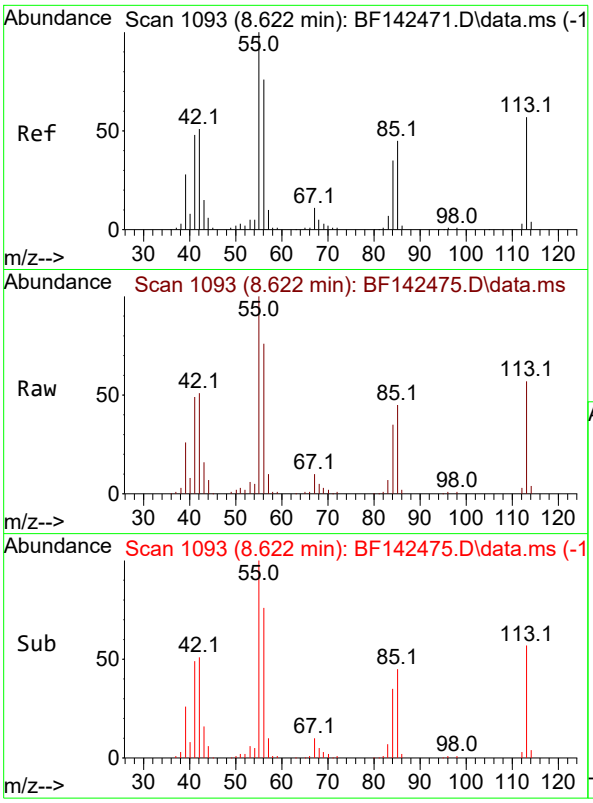


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:225 Resp: 142496

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	62.0	50.3	75.5



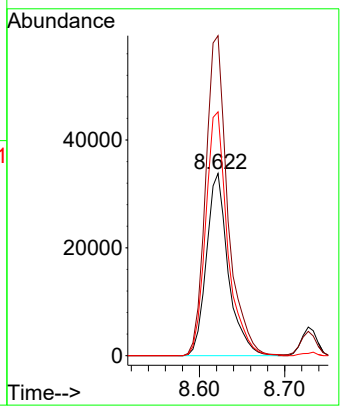


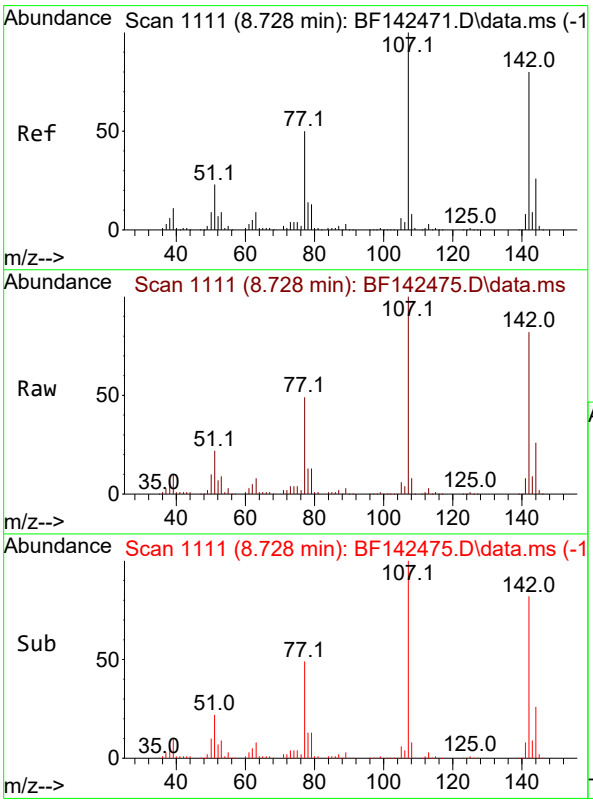
#35
Caprolactam
Concen: 39.162 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:113 Resp: 60055

Ion	Ratio	Lower	Upper
113	100		
55	175.7	154.7	194.7
56	133.9	113.2	153.2

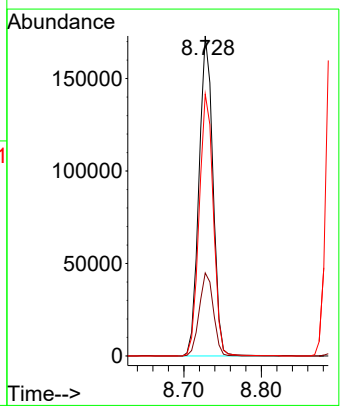


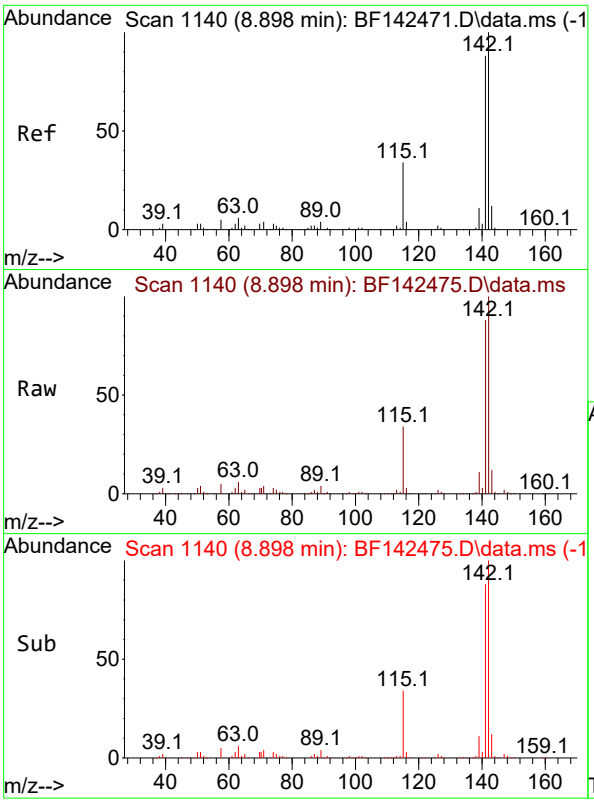


#36
4-Chloro-3-methylphenol
Concen: 38.654 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:107 Resp: 216299

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.9	31.3
142	81.8	64.2	96.2



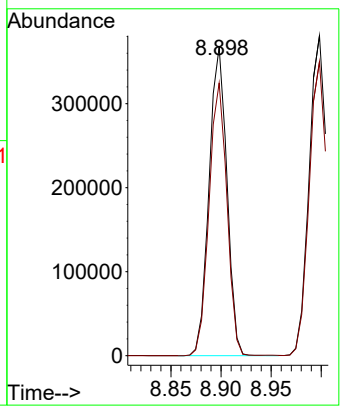


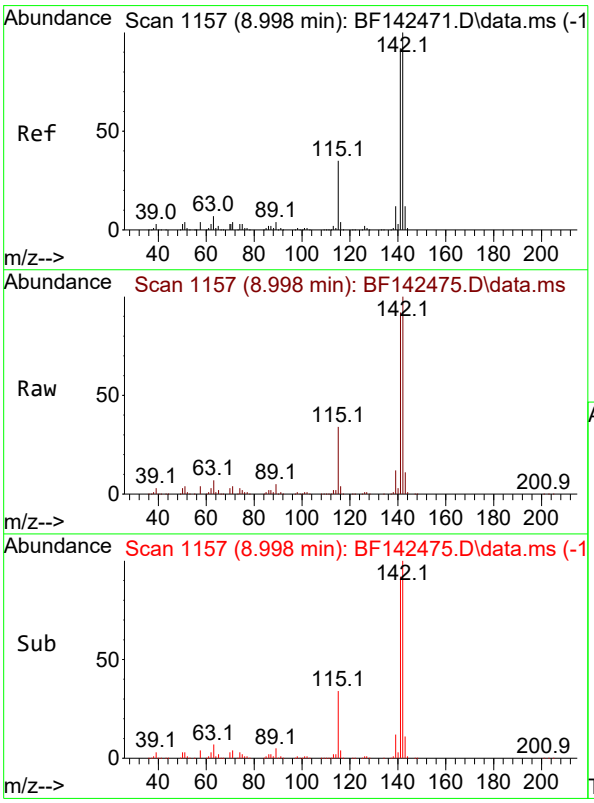
#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:142 Resp: 454200

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

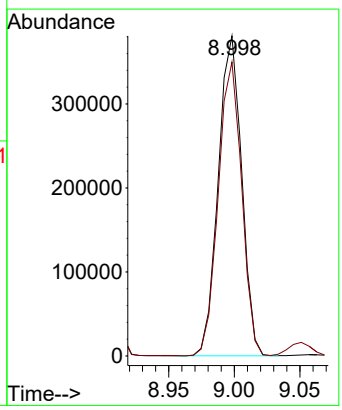


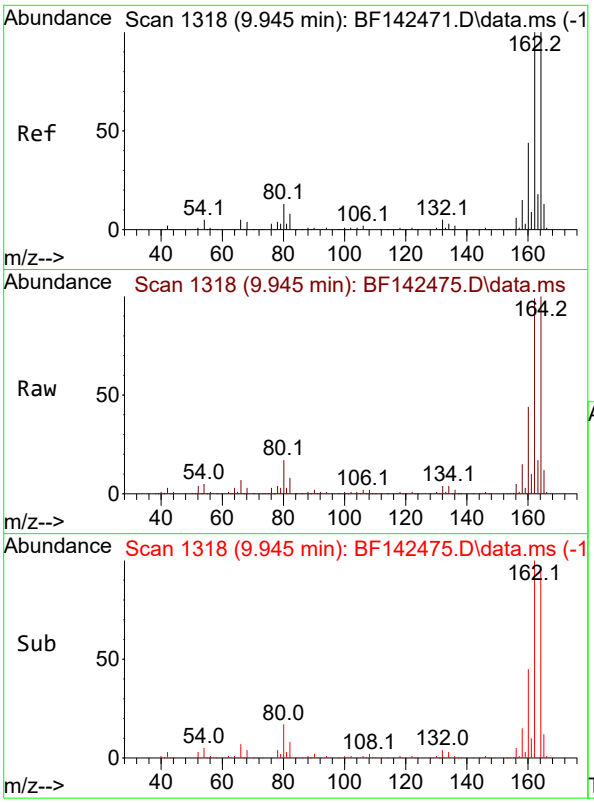


#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2



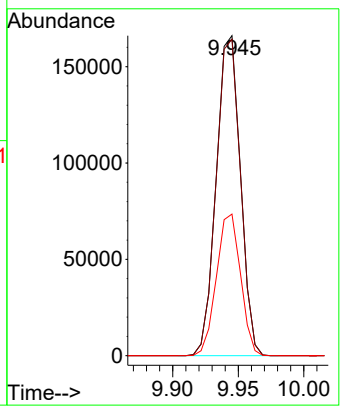


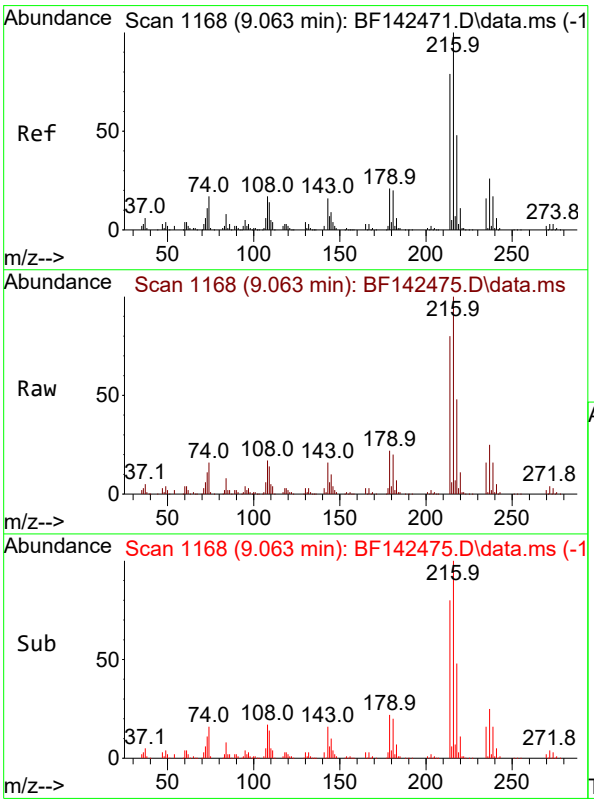
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:164 Resp: 213164

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	44.3	35.6	53.4

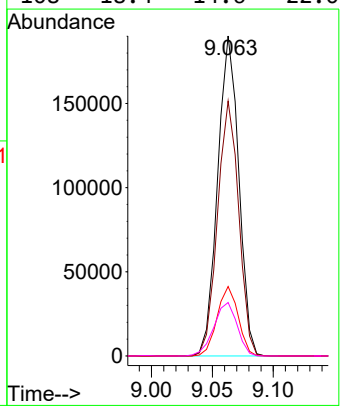


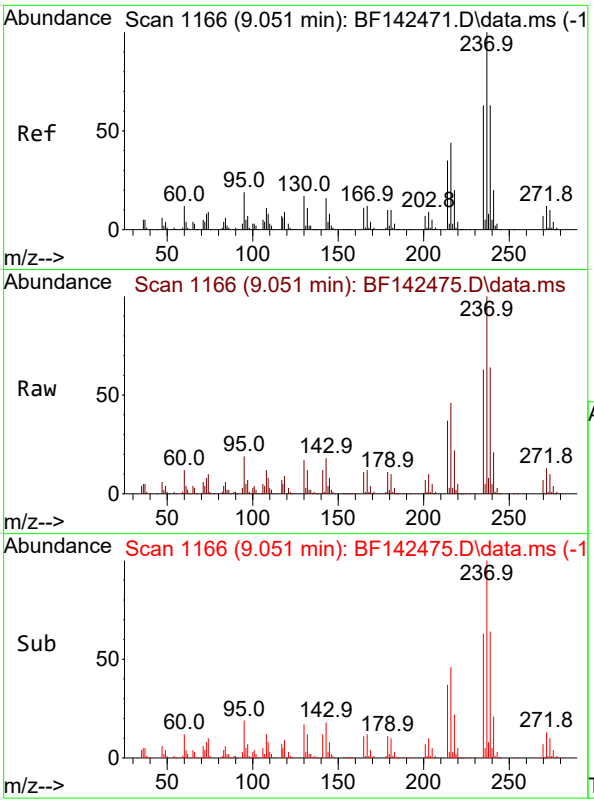


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.508 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:216 Resp: 229514

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.9	94.3
179	21.6	16.9	25.3
108	18.4	14.6	22.0



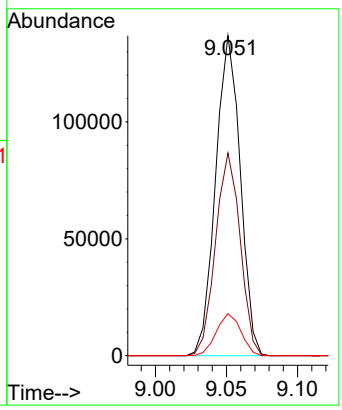


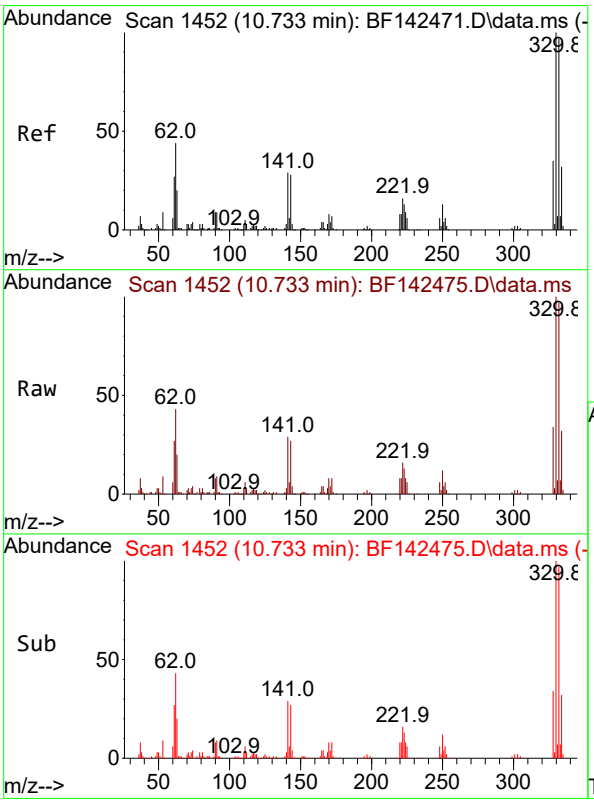
#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:237 Resp: 165077

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	13.1	0.0	32.4

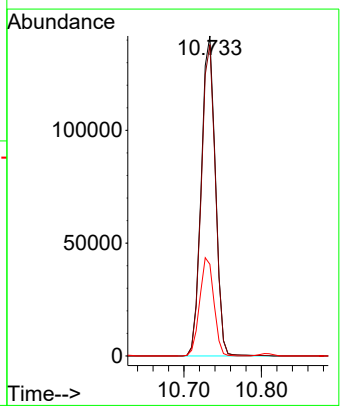


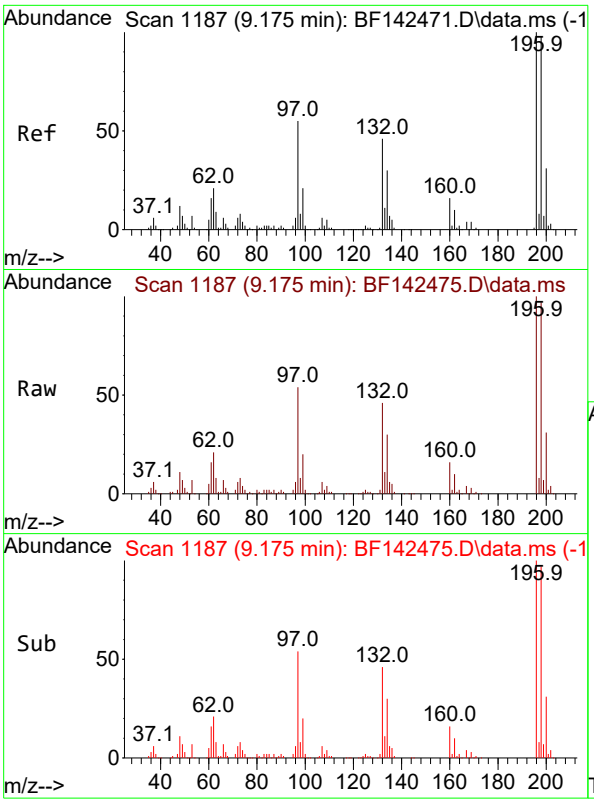


#42
2,4,6-Tribromophenol
Concen: 75.790 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:330 Resp: 179309

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	31.0	24.6	36.8



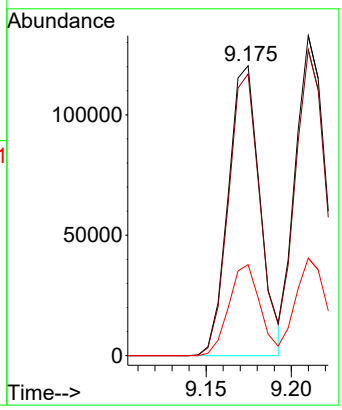


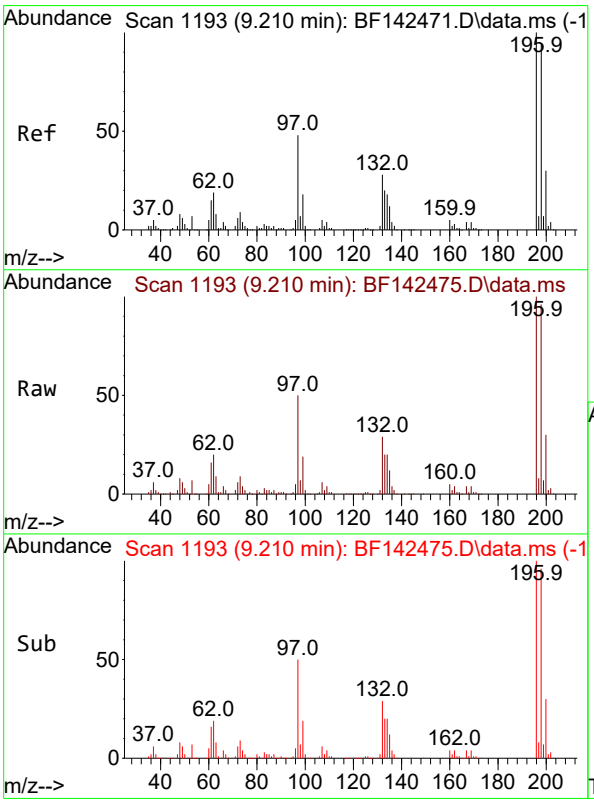
#43
2,4,6-Trichlorophenol
Concen: 37.954 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:196 Resp: 156603

Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.8	118.2
200	31.4	24.9	37.3

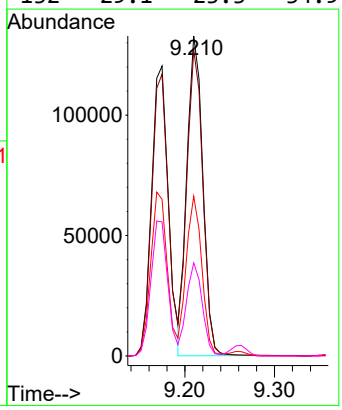


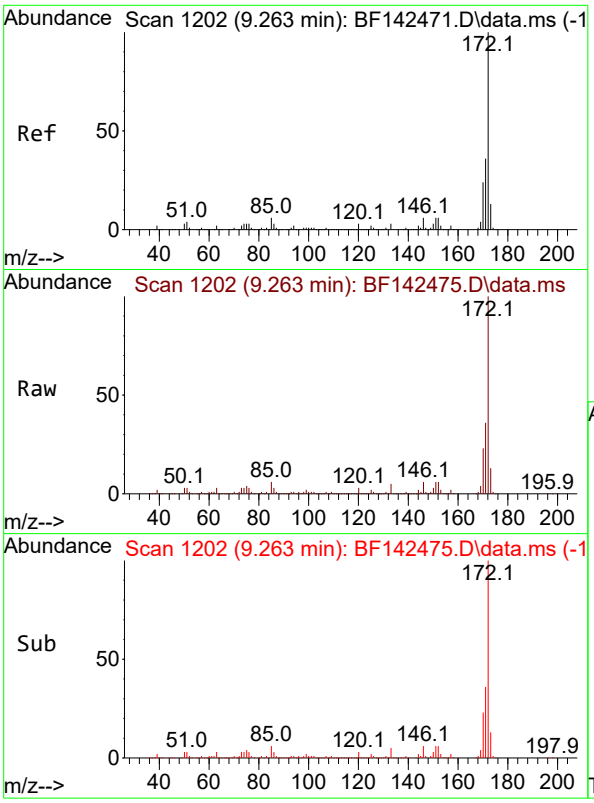


#44
2,4,5-Trichlorophenol
Concen: 37.766 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:196 Resp: 164342

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.5	113.3
97	49.9	39.3	58.9
132	29.1	23.3	34.9



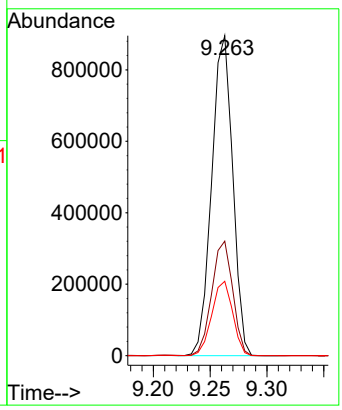


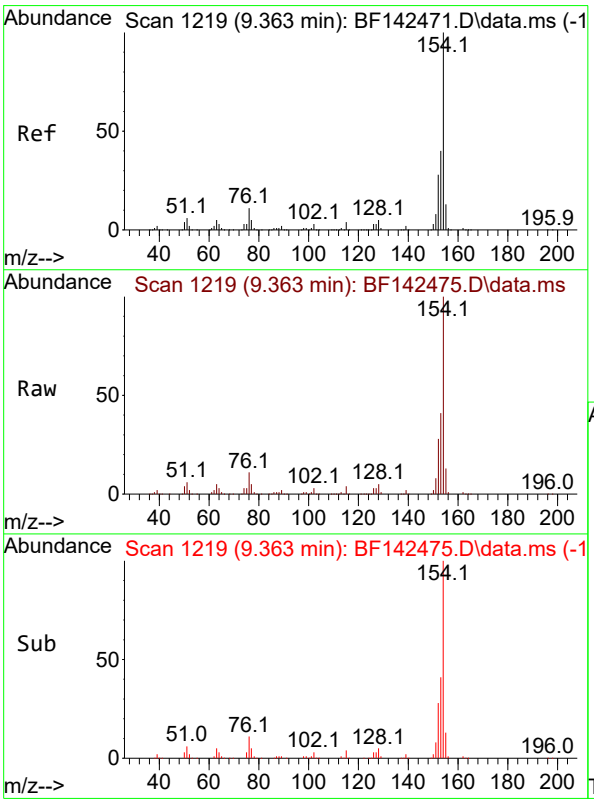
#45
2-Fluorobiphenyl
Concen: 72.557 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:172 Resp: 1152622

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.3	18.9	28.3

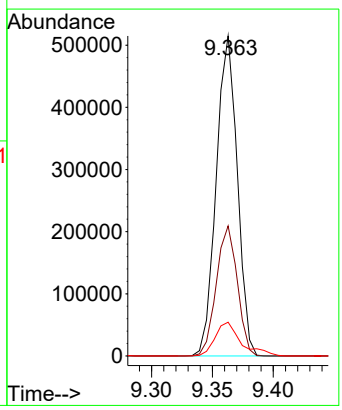


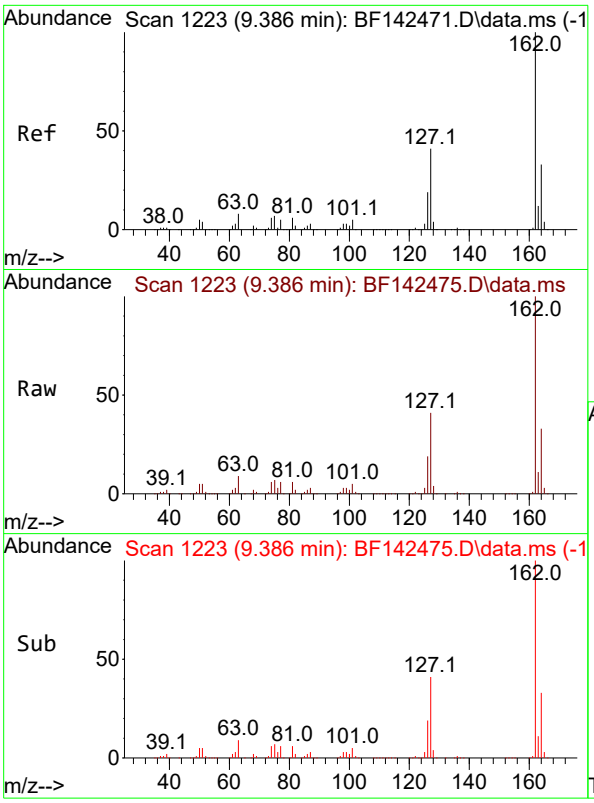


#46
1,1'-Biphenyl
Concen: 37.487 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:154 Resp: 619947

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	10.6	0.0	30.8



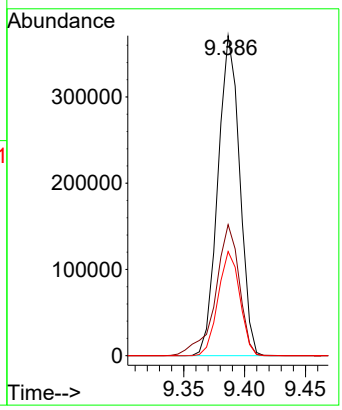


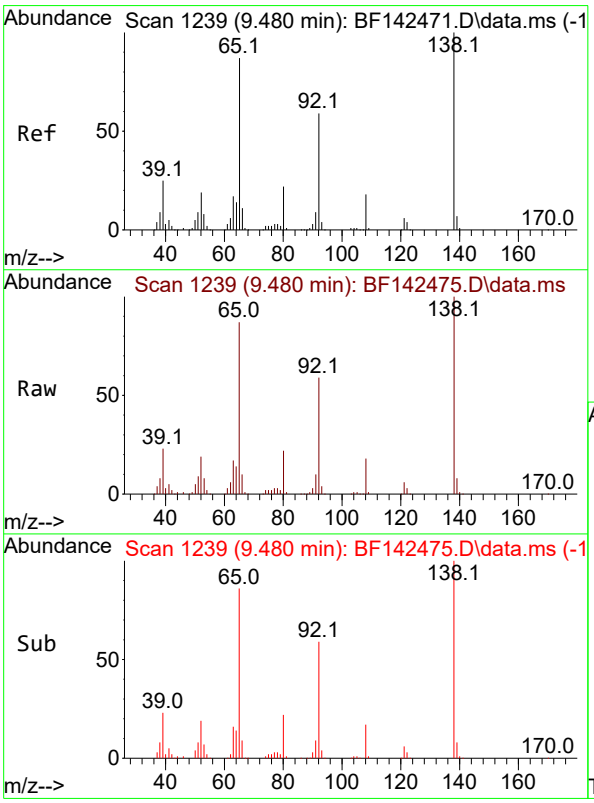
#47
2-Chloronaphthalene
Concen: 37.763 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:162 Resp: 461414

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.5	50.3
164	32.5	26.1	39.1

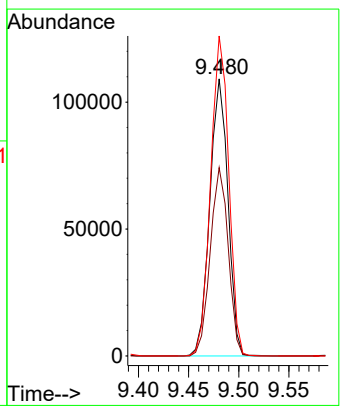


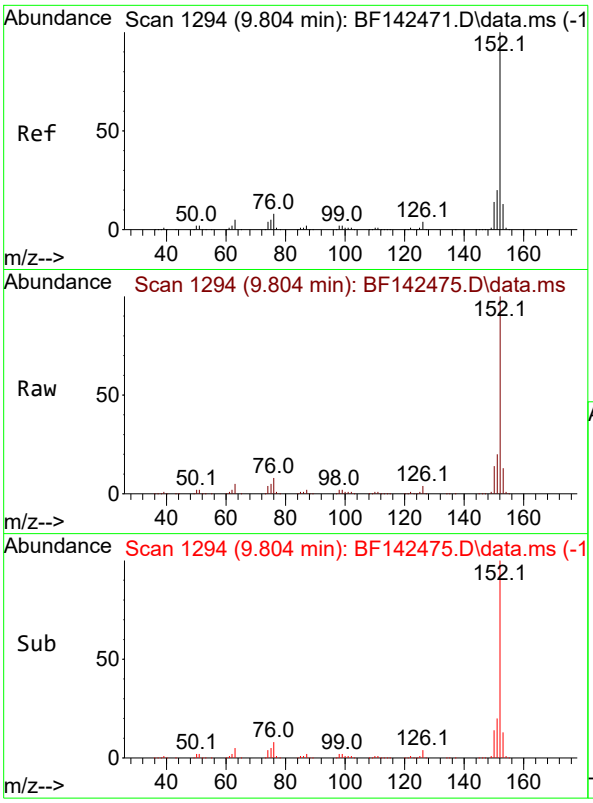


#48
2-Nitroaniline
Concen: 38.867 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 65 Resp: 137268

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	115.5	91.4	137.2



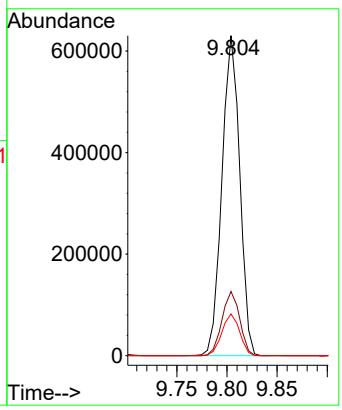


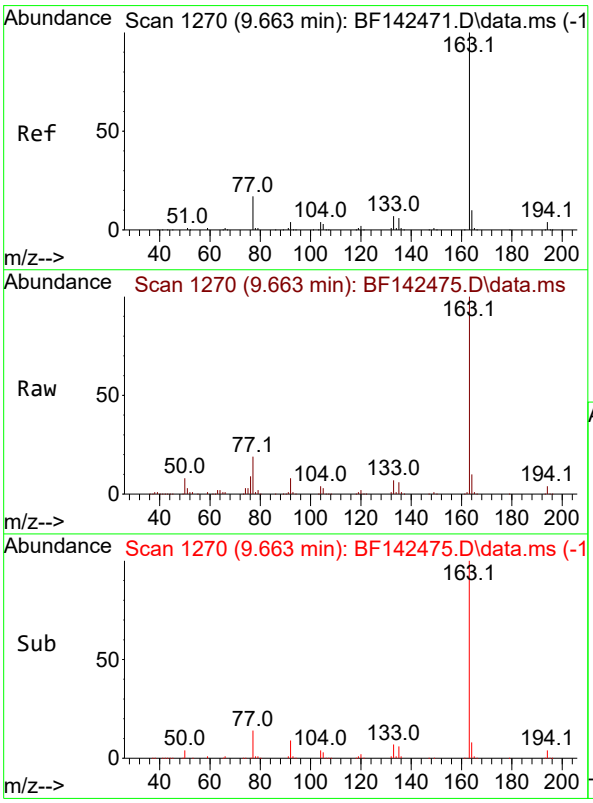
#49
Acenaphthylene
Concen: 37.630 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:152 Resp: 776377

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.6	15.8

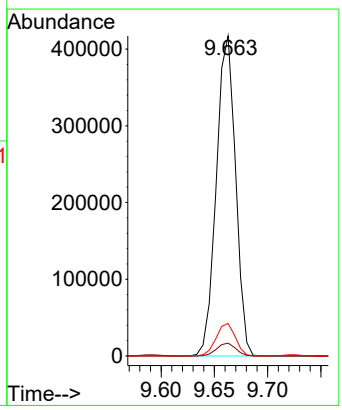


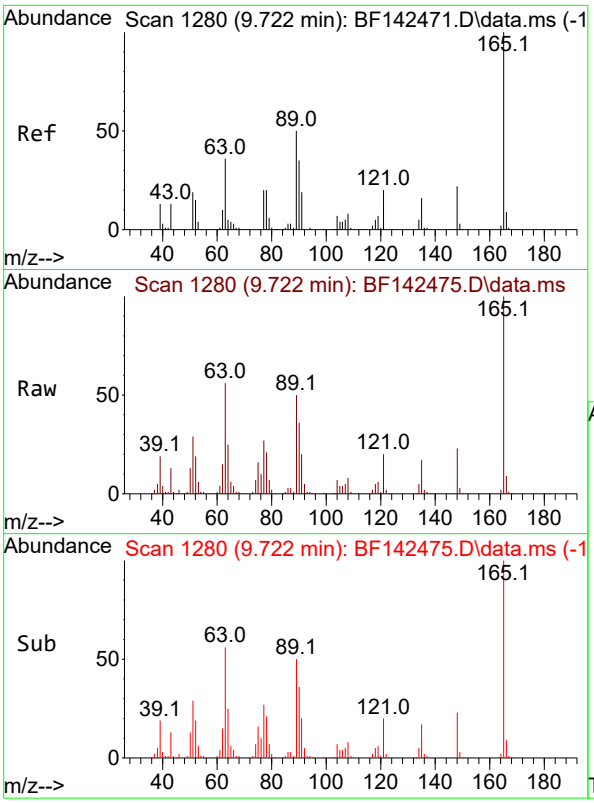


#50
Dimethylphthalate
Concen: 37.184 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:163 Resp: 523004

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.4



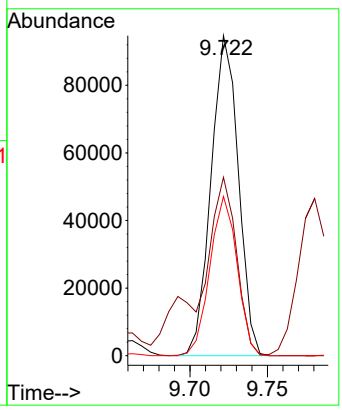


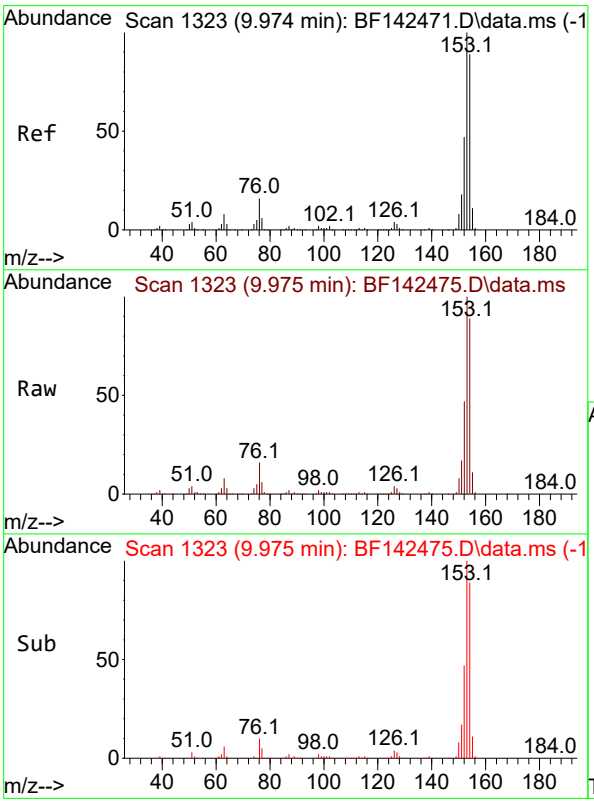
#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:165 Resp: 115938

Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.8	40.2	60.4

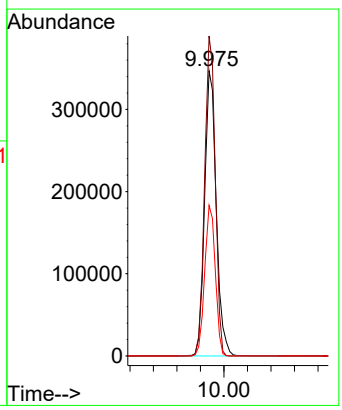


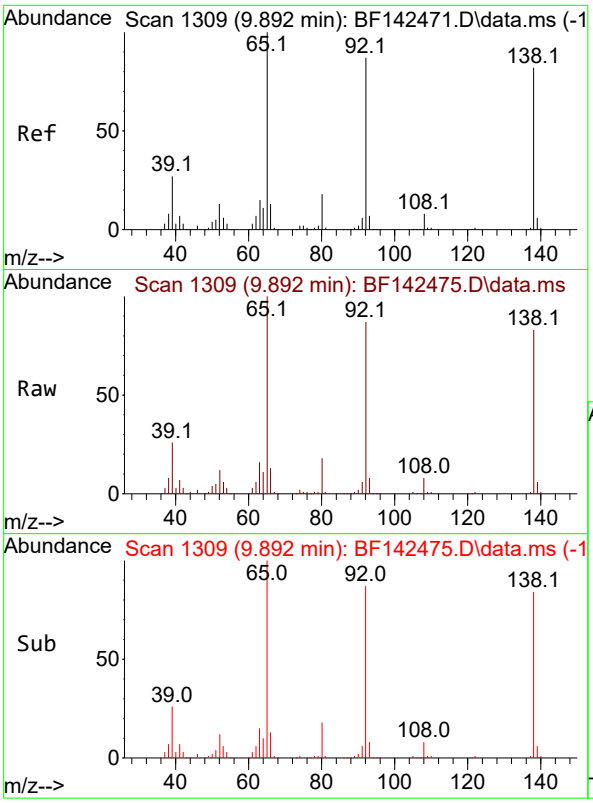


#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:154 Resp: 477197

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	52.8	42.6	64.0



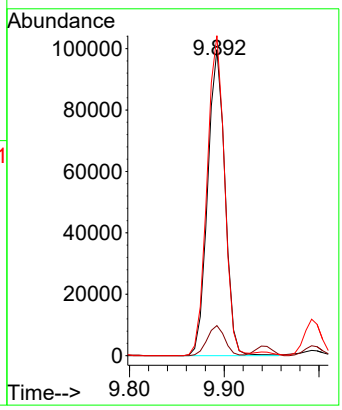


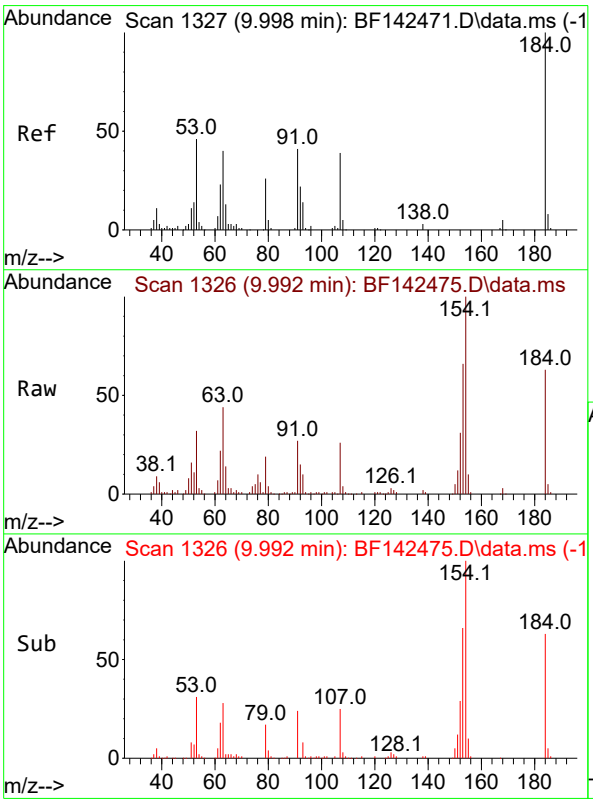
#53
3-Nitroaniline
Concen: 38.246 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:138 Resp: 126814

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.1	12.1
92	104.6	85.2	127.8

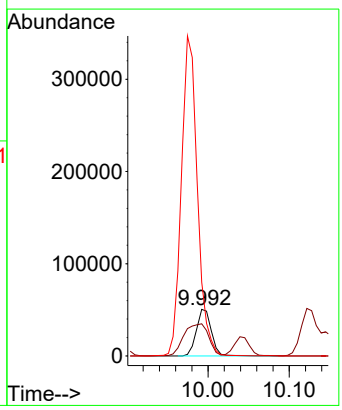


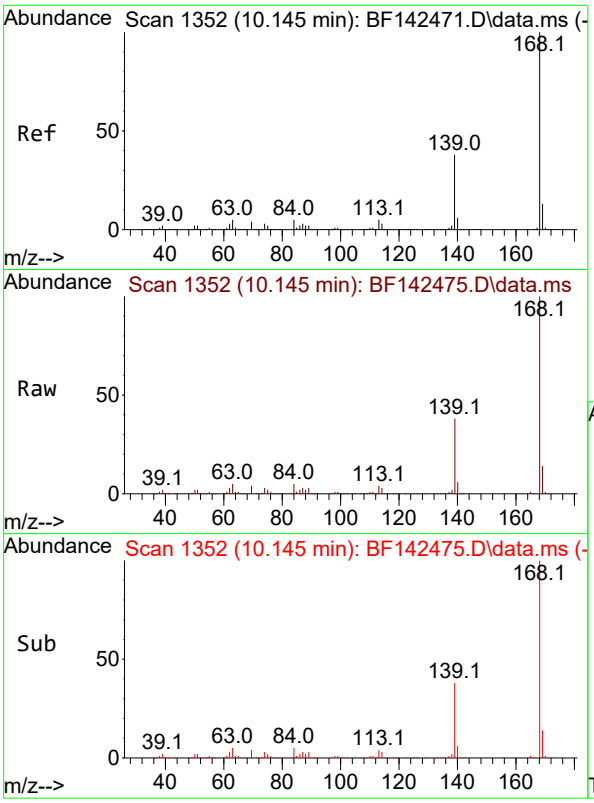


#54
2,4-Dinitrophenol
Concen: 41.481 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:184 Resp: 65057

Ion	Ratio	Lower	Upper
184	100		
63	69.3	46.3	69.5
154	158.8	56.8	85.2#



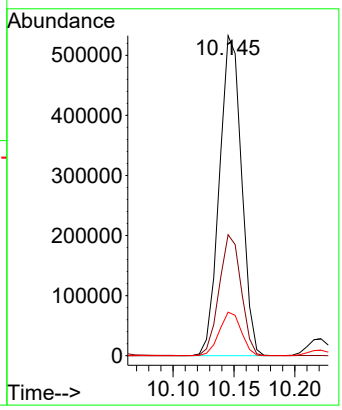


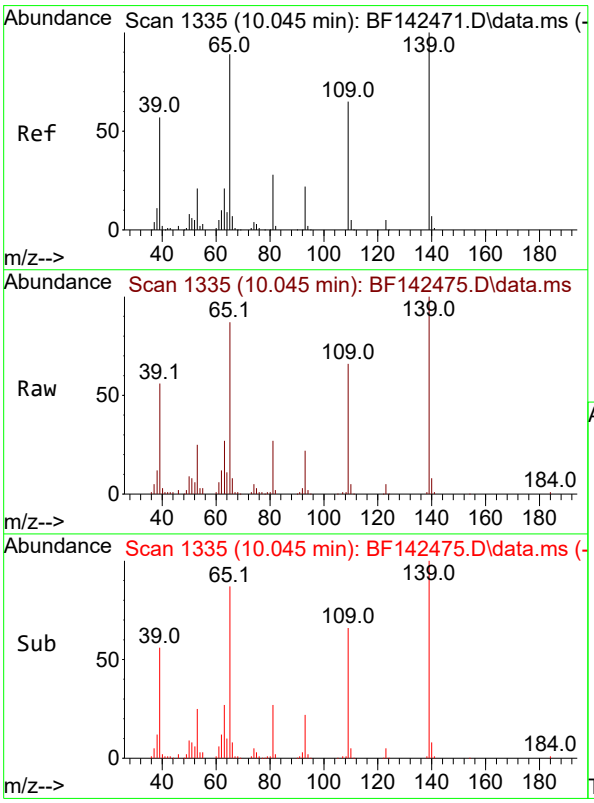
#55
Dibenzofuran
Concen: 37.170 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:168 Resp: 673871

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.6	10.7	16.1

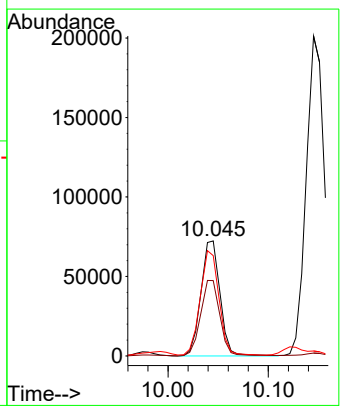


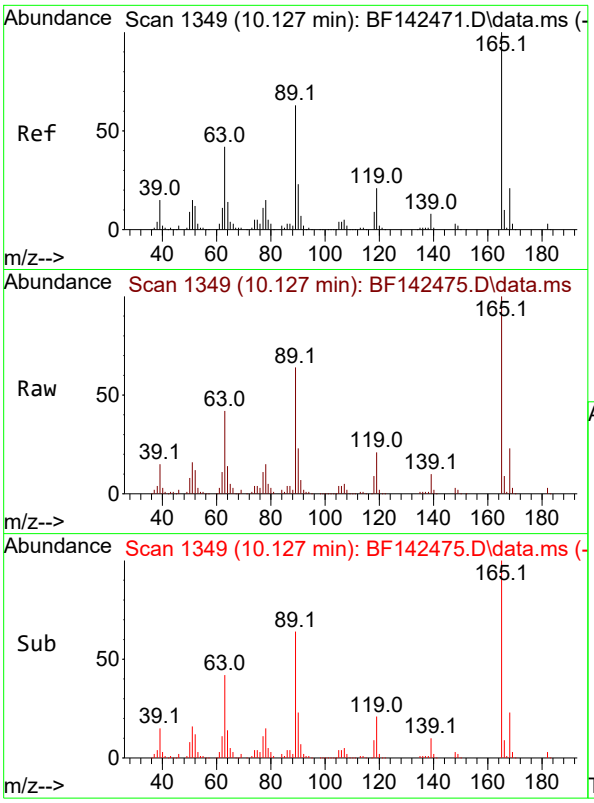


#56
4-Nitrophenol
Concen: 39.320 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 96197

Ion	Ratio	Lower	Upper
139	100		
109	65.6	45.1	85.1
65	87.3	69.7	109.7



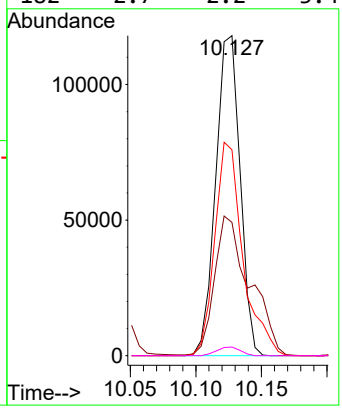


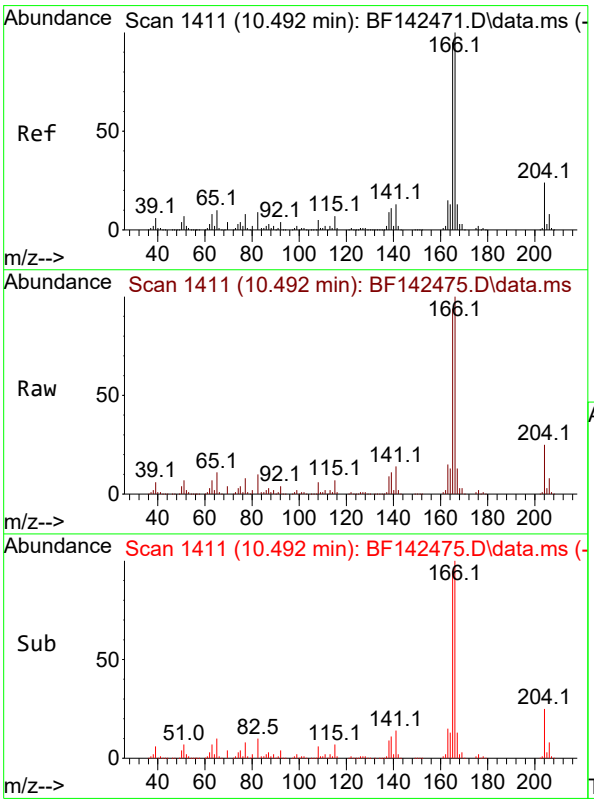
#57
2,4-Dinitrotoluene
Concen: 38.463 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:165 Resp: 152488

Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.6	50.4
89	64.4	50.2	75.4
182	2.7	2.2	3.4

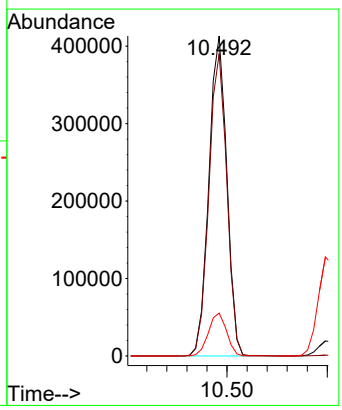


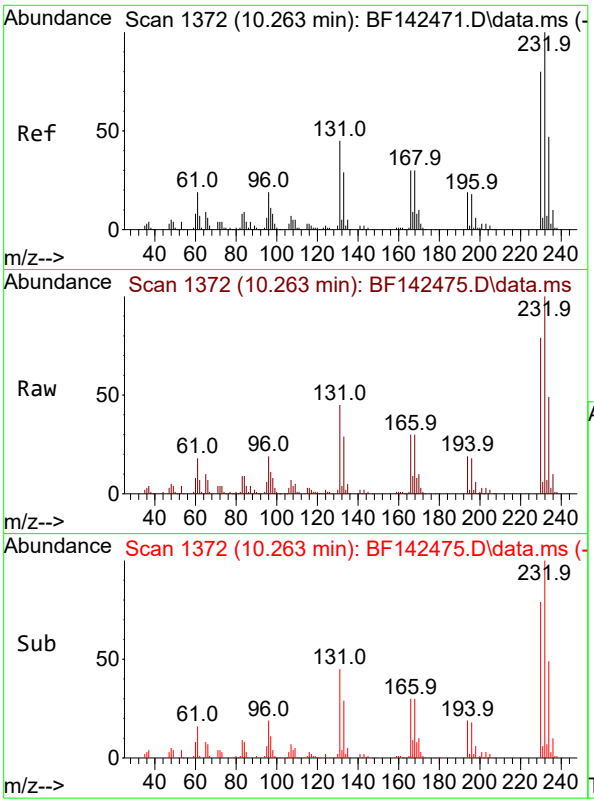


#58
Fluorene
Concen: 36.662 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:166 Resp: 513487

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.8	113.8
167	13.4	10.6	16.0



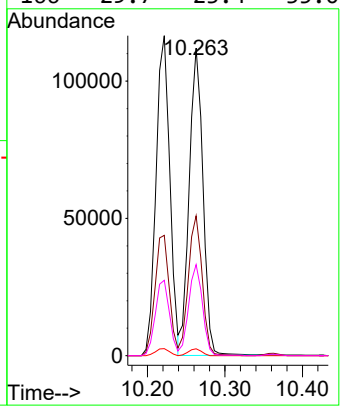


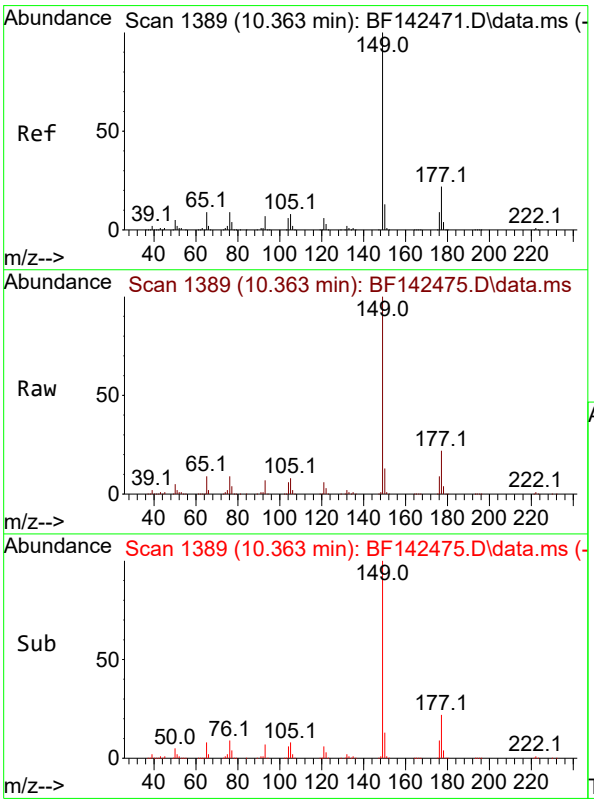
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:232 Resp: 138047

Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.2	52.8
130	2.1	1.7	2.5
166	29.7	23.4	35.0

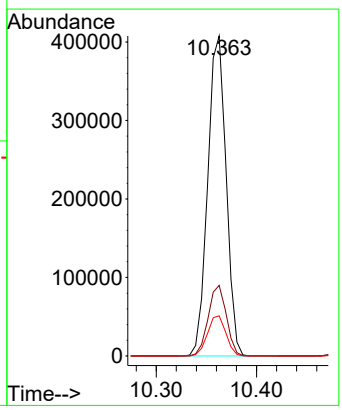


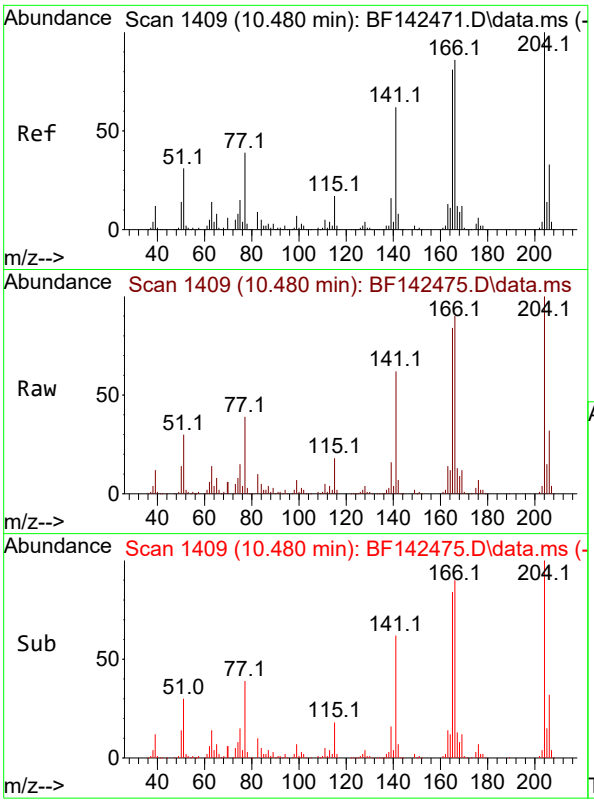


#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 519861

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.5	10.1	15.1



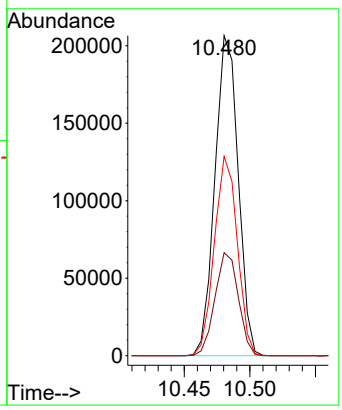


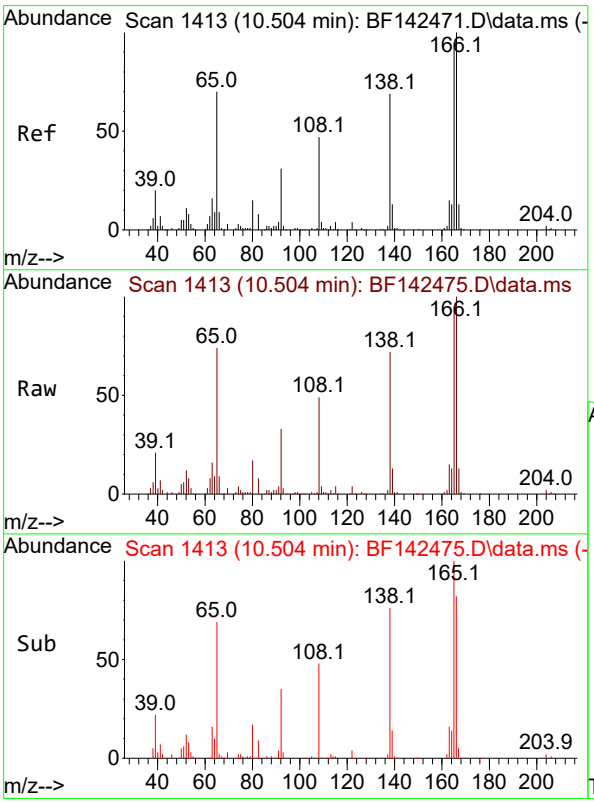
#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:204 Resp: 254467

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	62.3	49.5	74.3

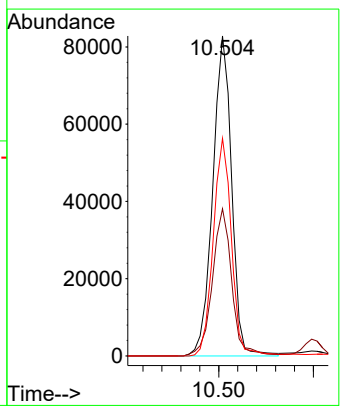


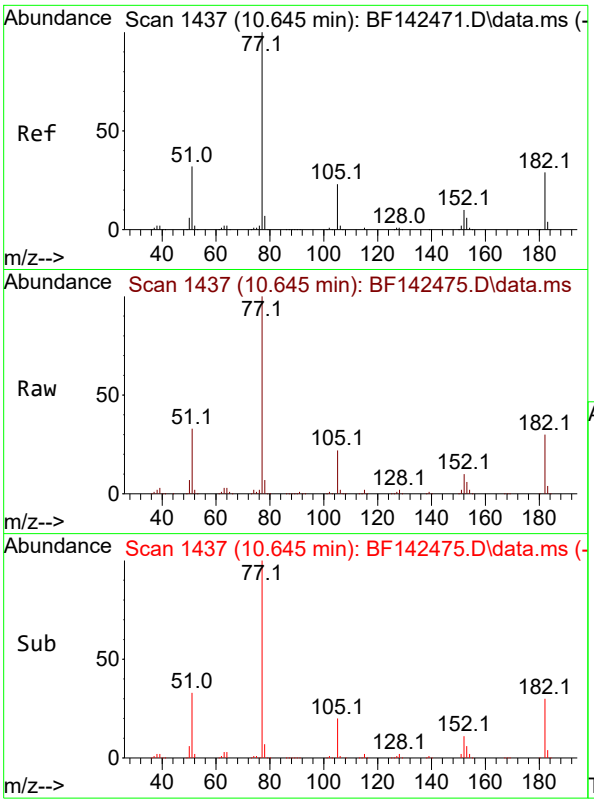


#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:138 Resp: 114671

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	68.0	48.4	88.4



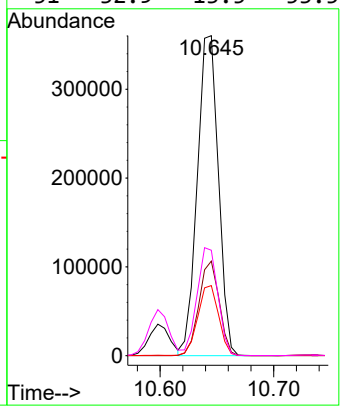


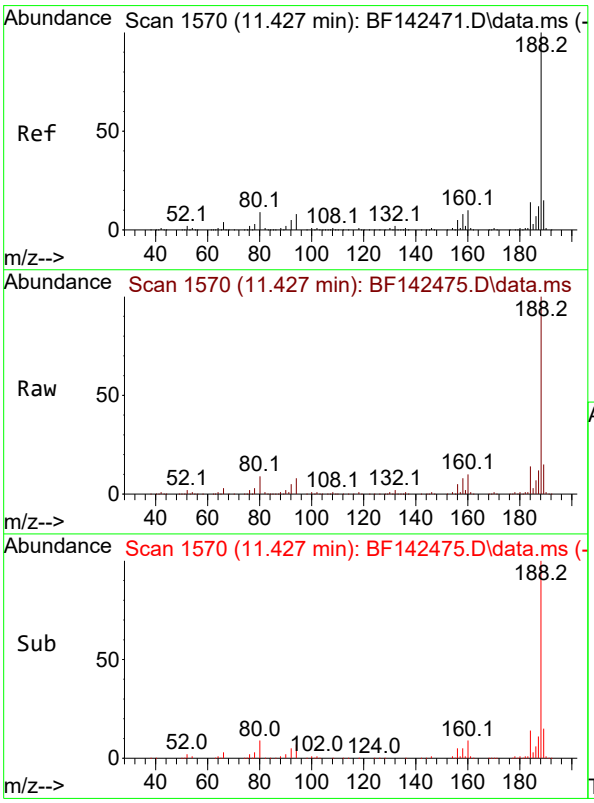
#63
Azobenzene
Concen: 37.780 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 77 Resp: 466131

Ion	Ratio	Lower	Upper
77	100		
182	29.6	9.0	49.0
105	21.9	2.4	42.4
51	32.9	13.5	53.5

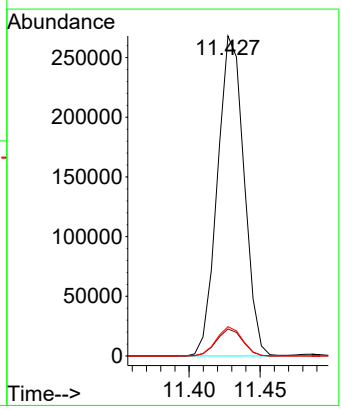


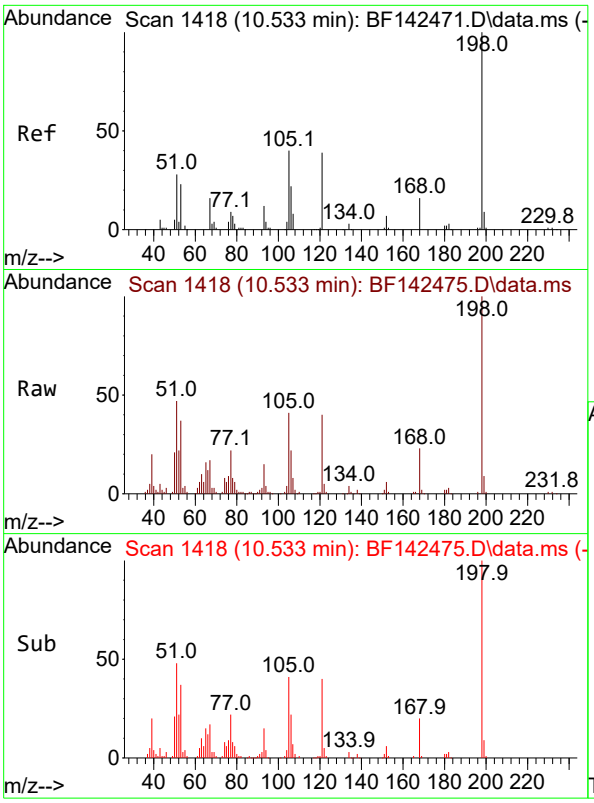


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:188 Resp: 348749

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.2	7.4	11.0



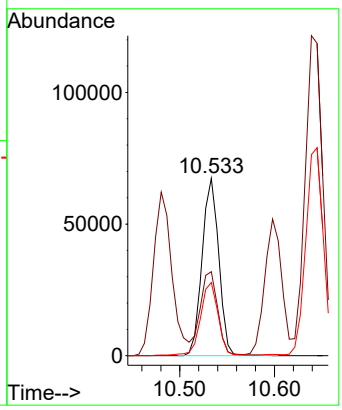


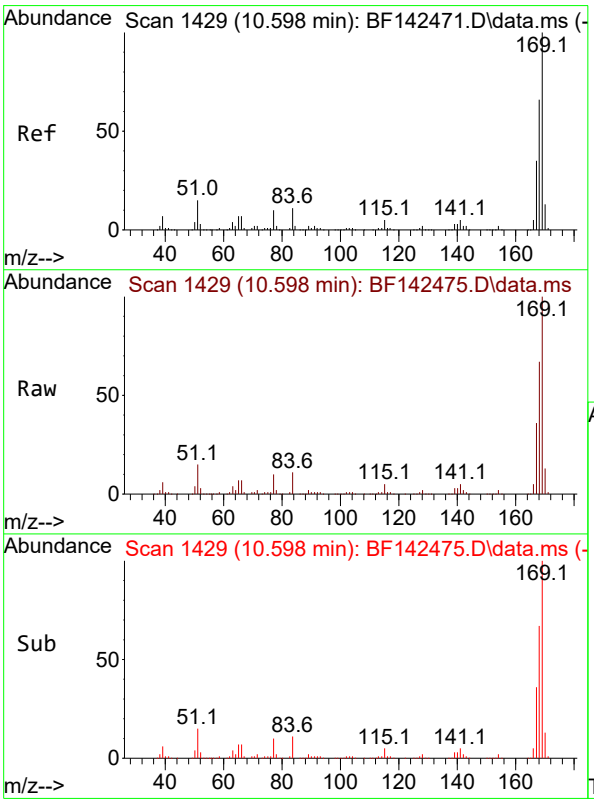
#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:198 Resp: 82393

Ion	Ratio	Lower	Upper
198	100		
51	47.3	28.3	68.3
105	41.2	21.3	61.3

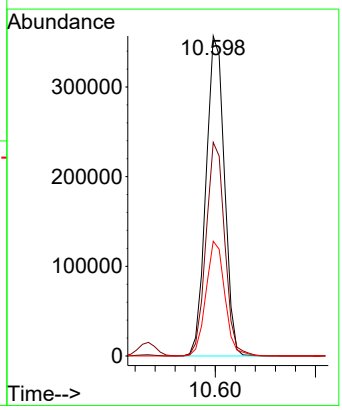


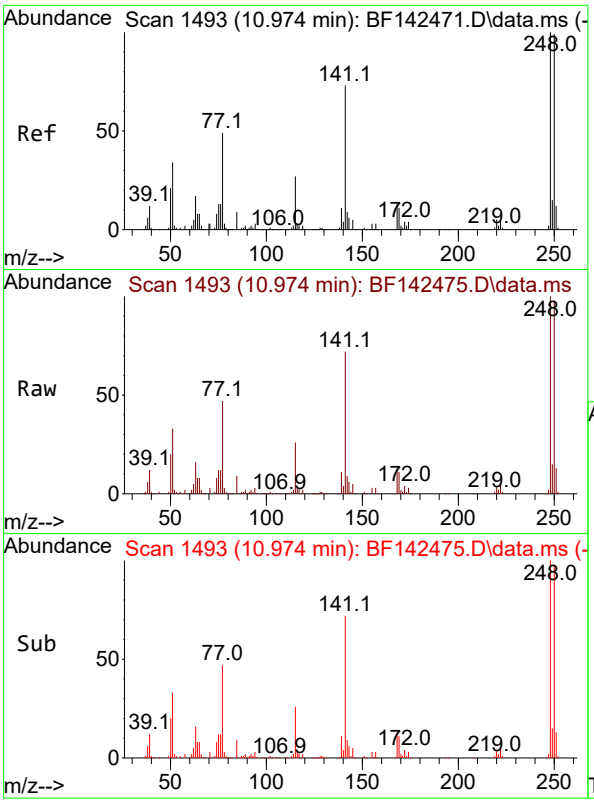


#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:169 Resp: 454975

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.7	79.1
167	35.8	28.3	42.5



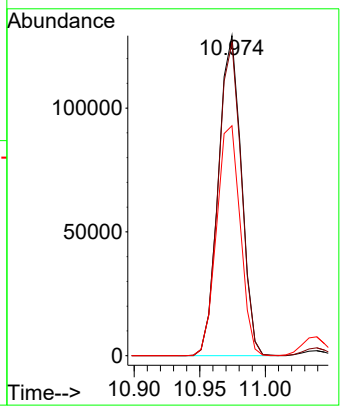


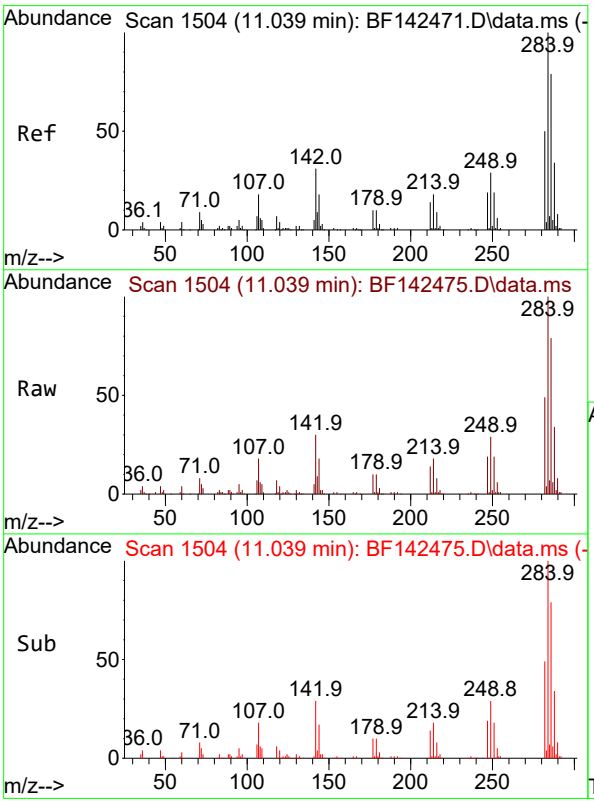
#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:248 Resp: 157480

Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.0	118.4
141	71.8	58.4	87.6

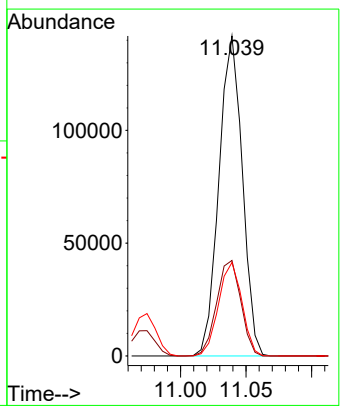


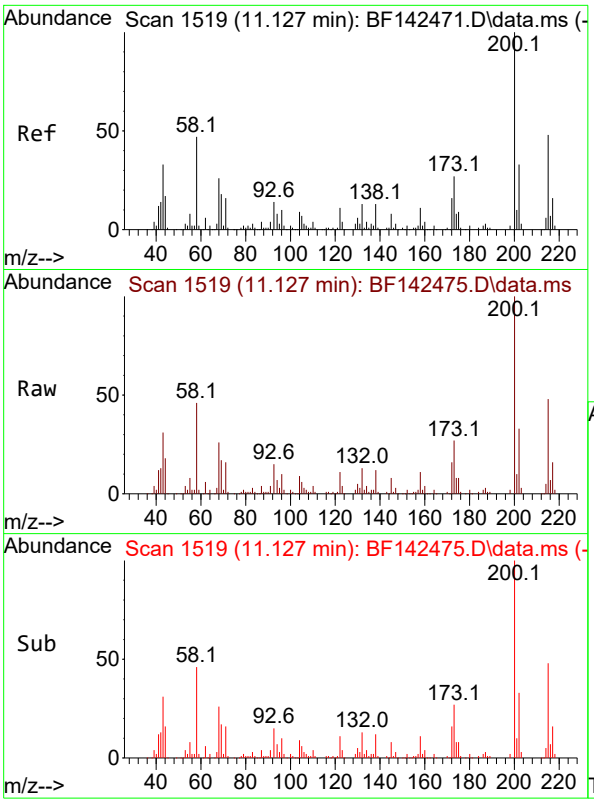


#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:284 Resp: 175840

Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.8	37.2
249	29.2	23.6	35.4



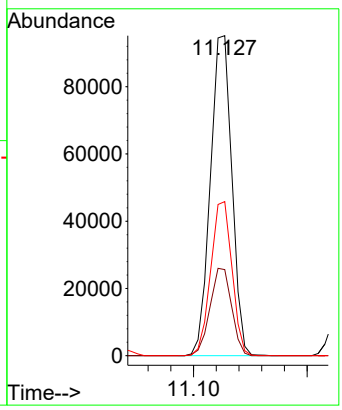


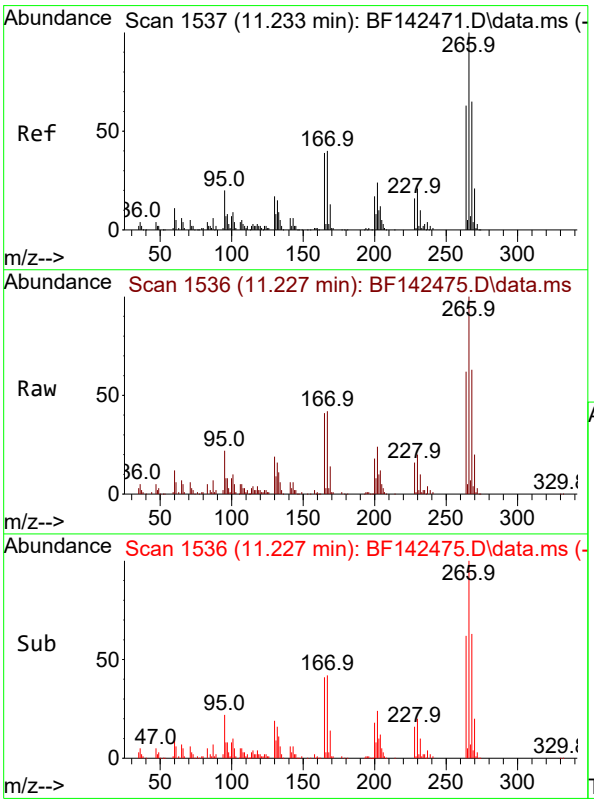
#69
Atrazine
Concen: 39.541 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:200 Resp: 125293

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.4	47.4
215	48.1	28.5	68.5

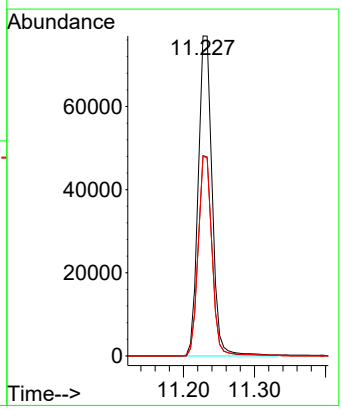


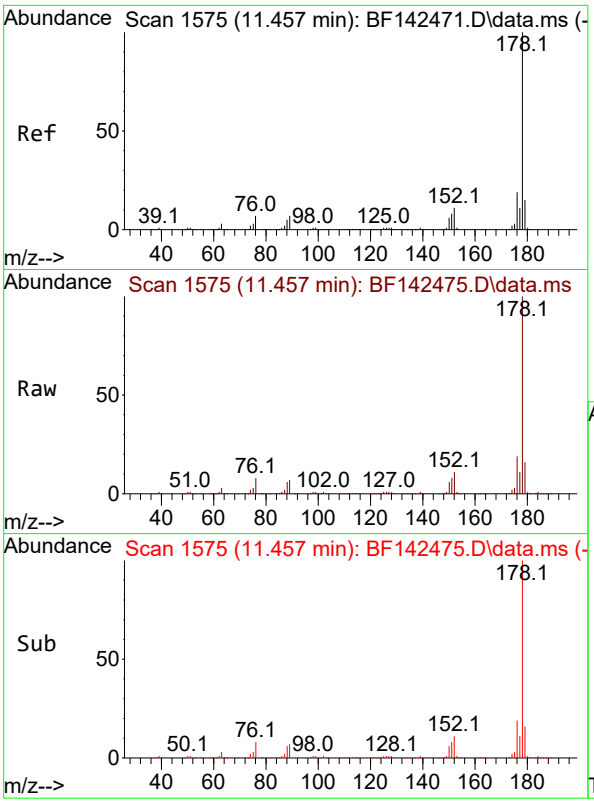


#70
Pentachlorophenol
Concen: 40.866 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:266 Resp: 105232

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.7	77.5
264	62.5	50.4	75.6



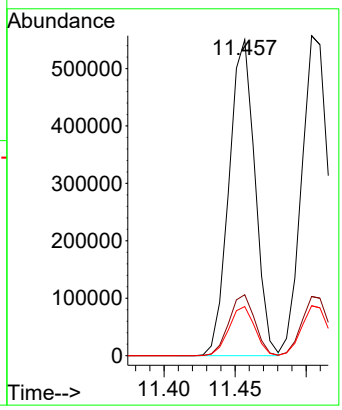


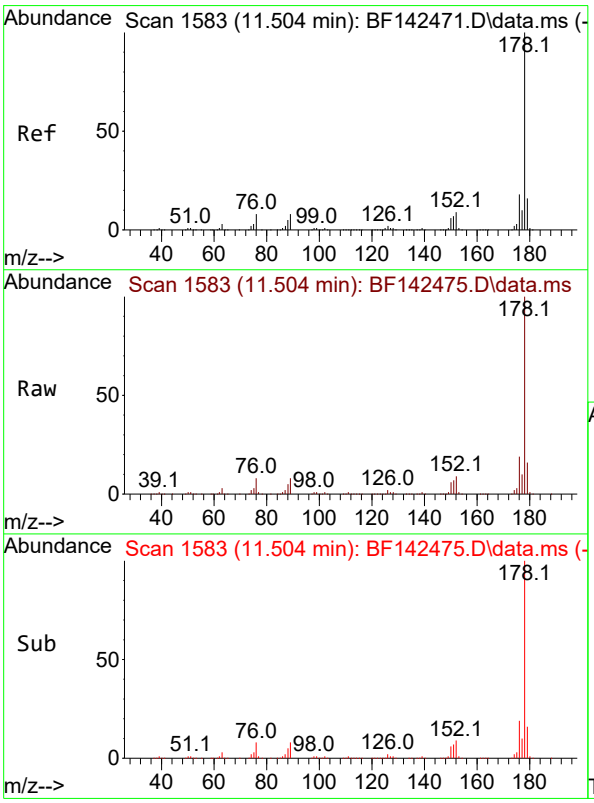
#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:178 Resp: 698503

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.3	18.5

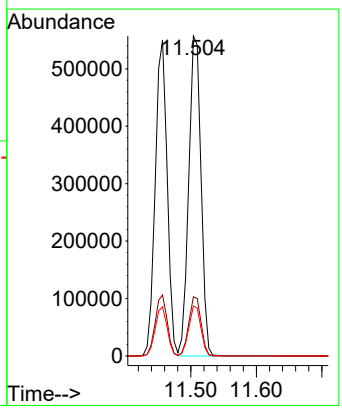


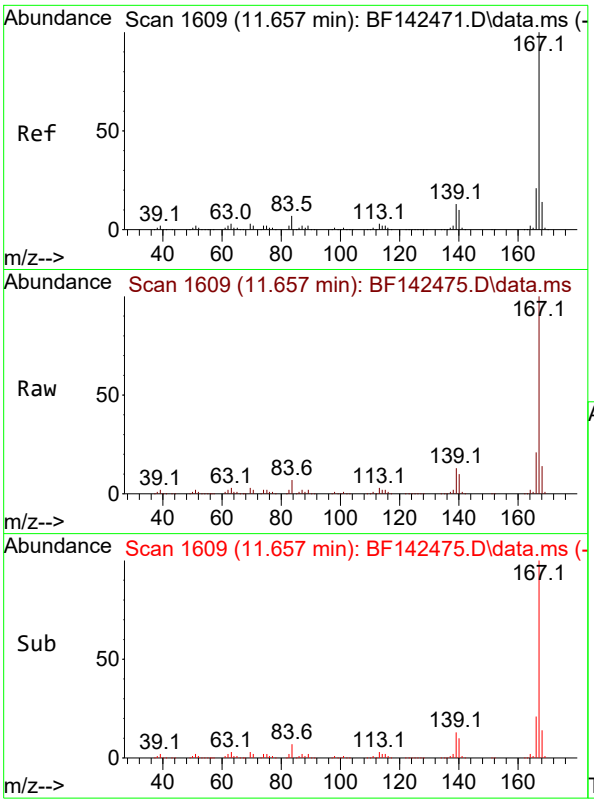


#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:178 Resp: 723416

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.6	12.4	18.6



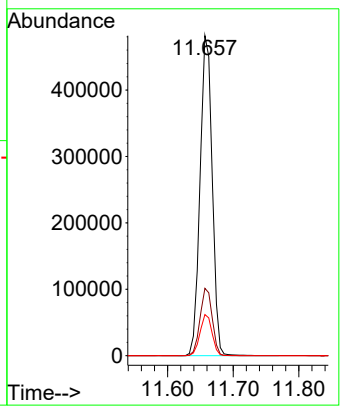


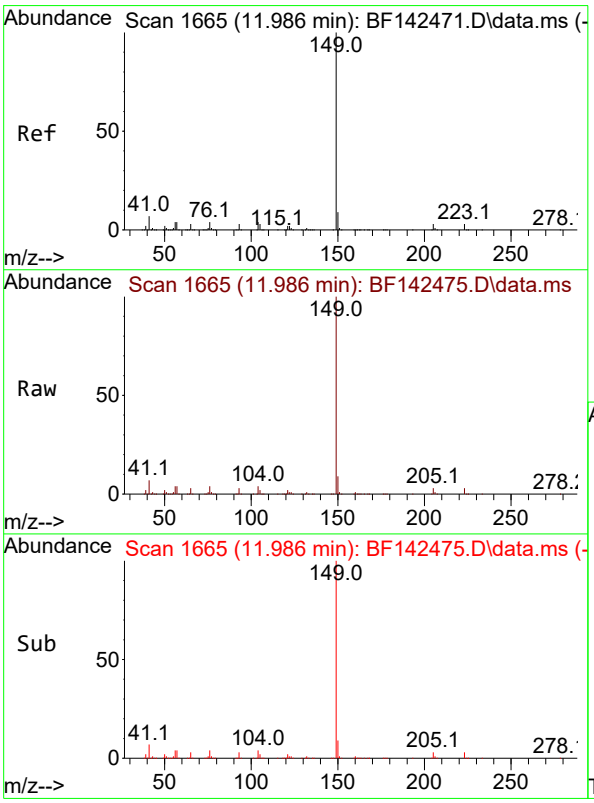
#73
Carbazole
Concen: 38.300 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:167 Resp: 622812

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.8	10.2	15.4

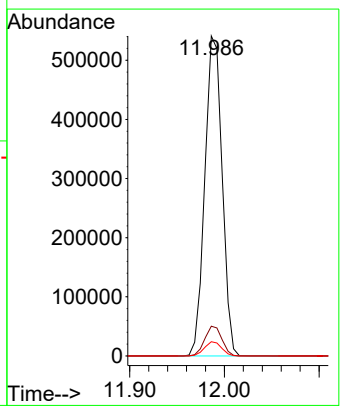


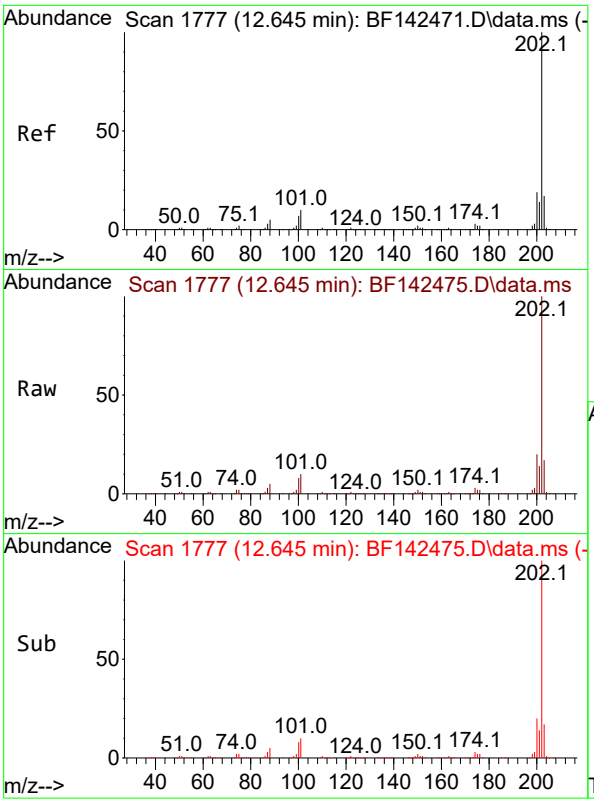


#74
Di-n-butylphthalate
Concen: 38.596 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 686988

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.6	5.4



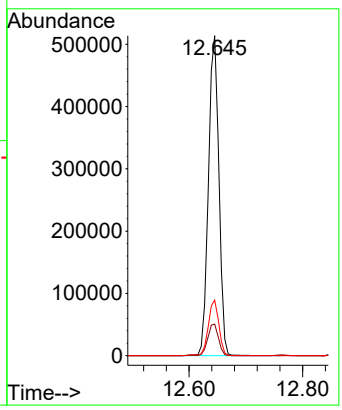


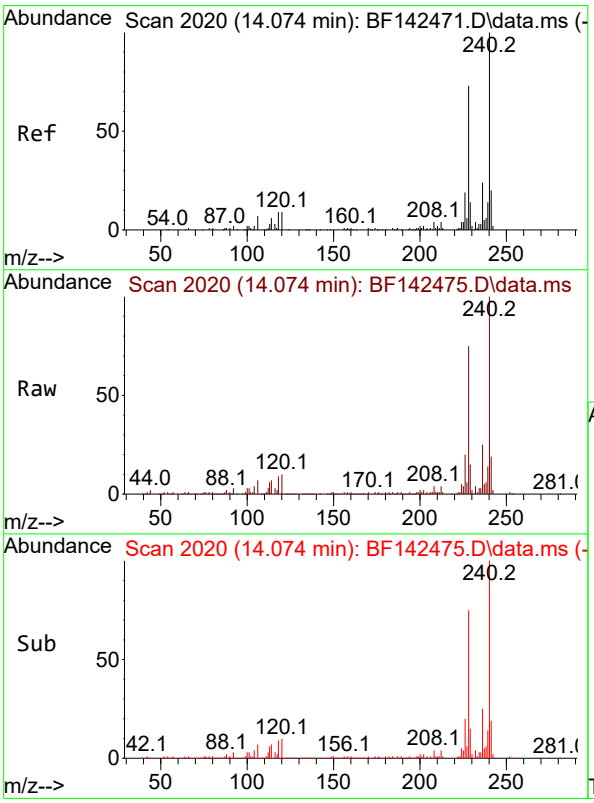
#75
Fluoranthene
Concen: 37.479 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:202 Resp: 652697

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
203	17.3	0.0	37.2

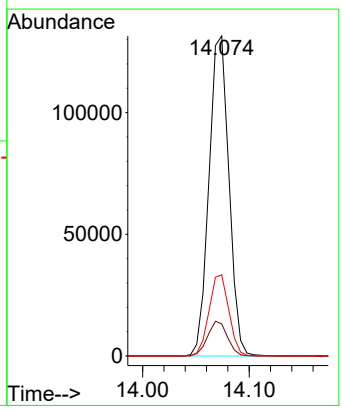


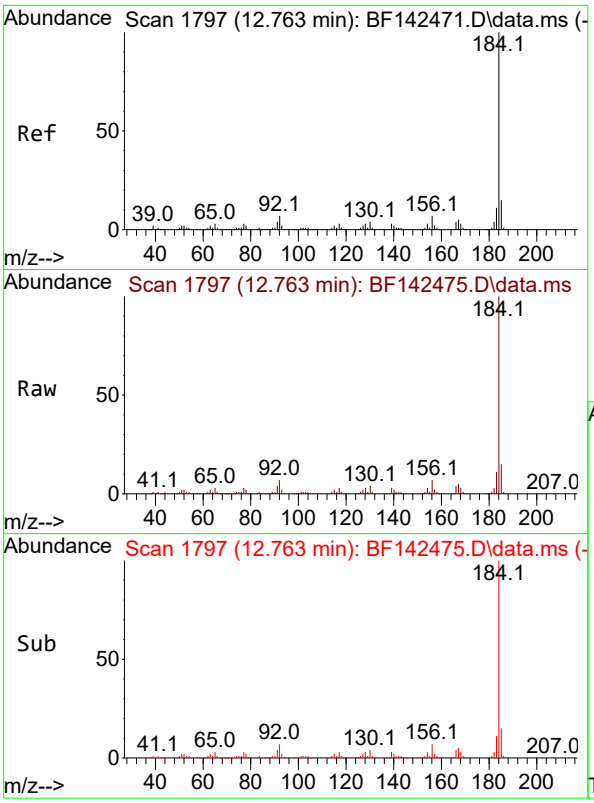


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:240 Resp: 171632

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.3	19.6	29.4



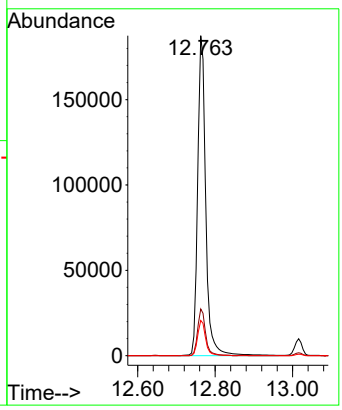


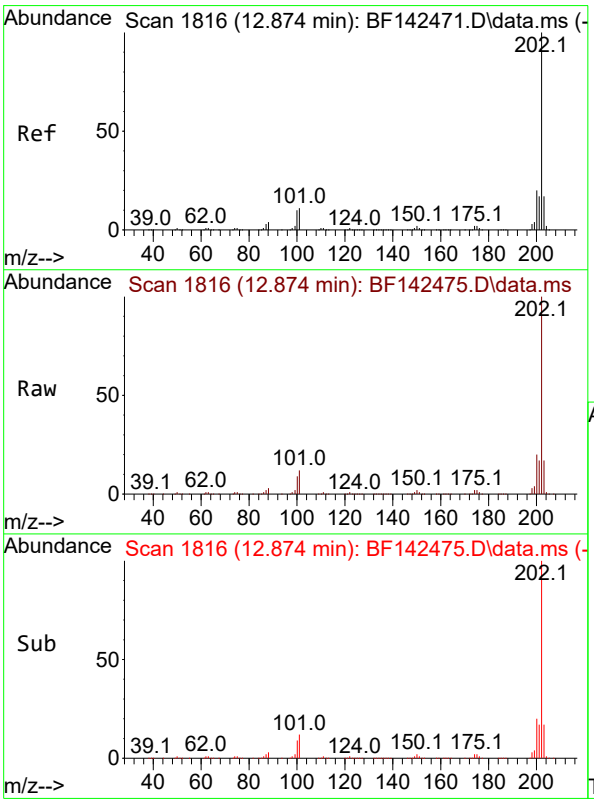
#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:184 Resp: 271606

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.0	9.0	13.4

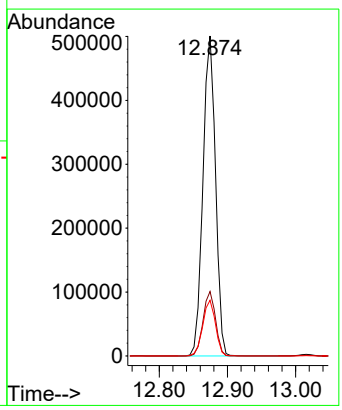


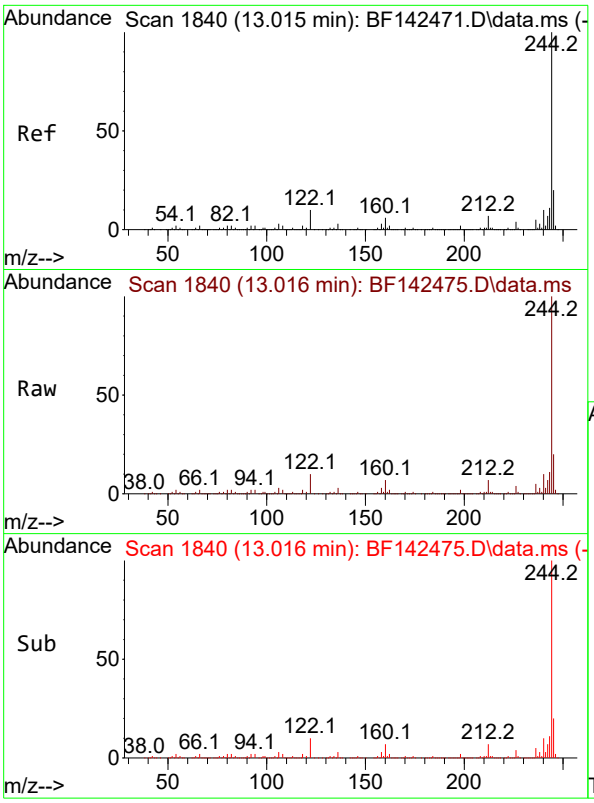


#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:202 Resp: 642163

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.4	13.9	20.9



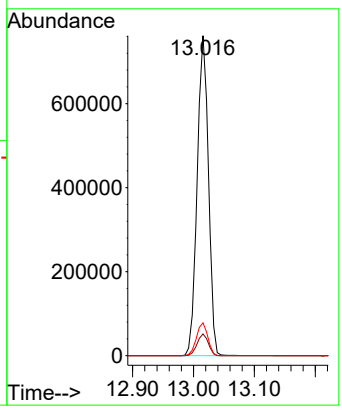


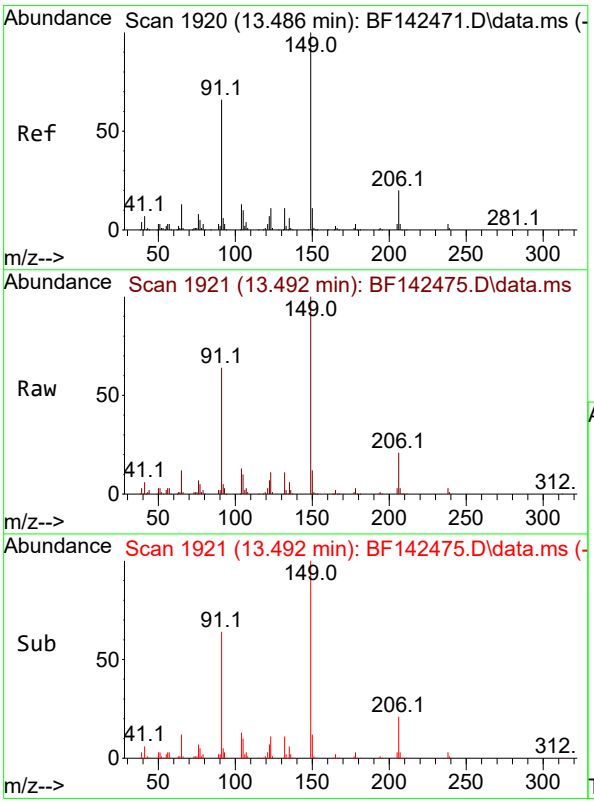
#79
Terphenyl-d14
Concen: 77.714 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:244 Resp: 976059

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.2	8.2	12.2

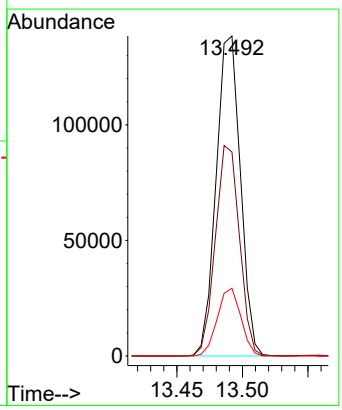


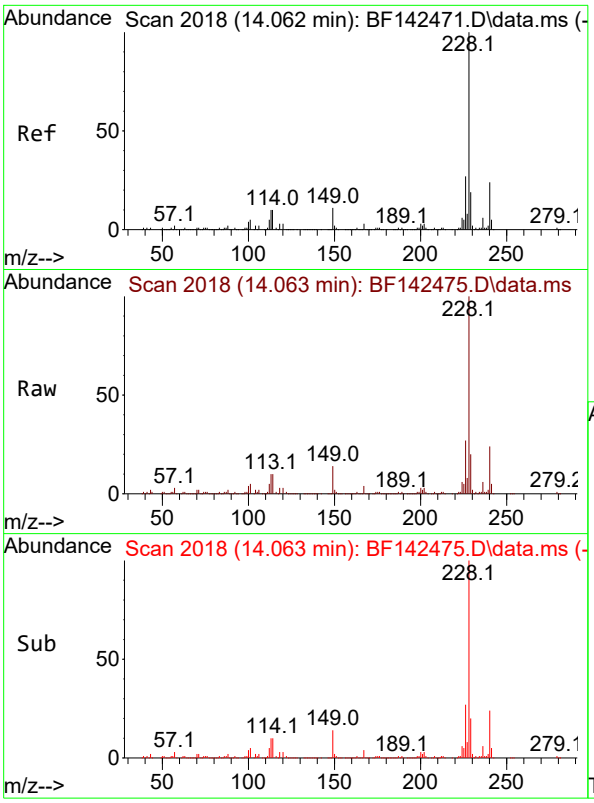


#80
Butylbenzylphthalate
Concen: 40.275 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 178179

Ion	Ratio	Lower	Upper
149	100		
91	63.8	52.9	79.3
206	21.1	16.2	24.2



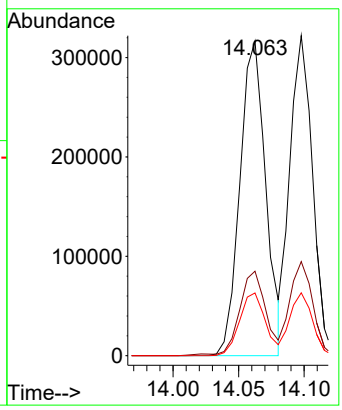


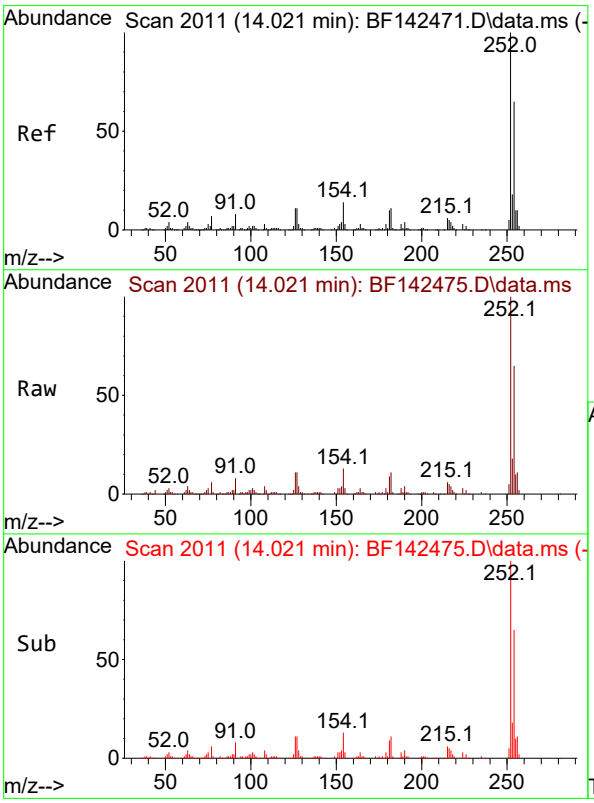
#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:228 Resp: 435297

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	20.0	15.5	23.3

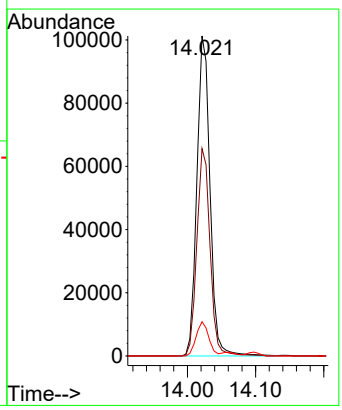


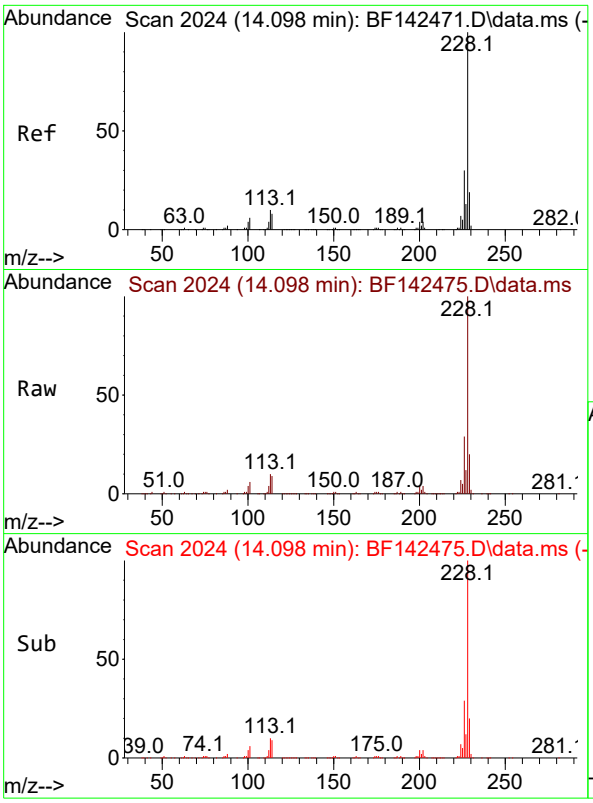


#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 135132

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	10.7	8.9	13.3



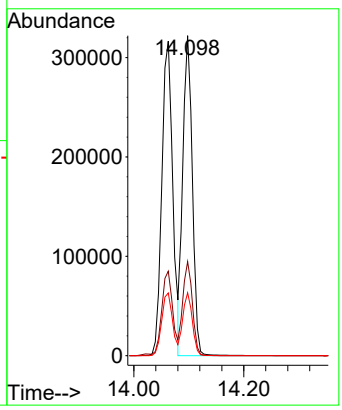


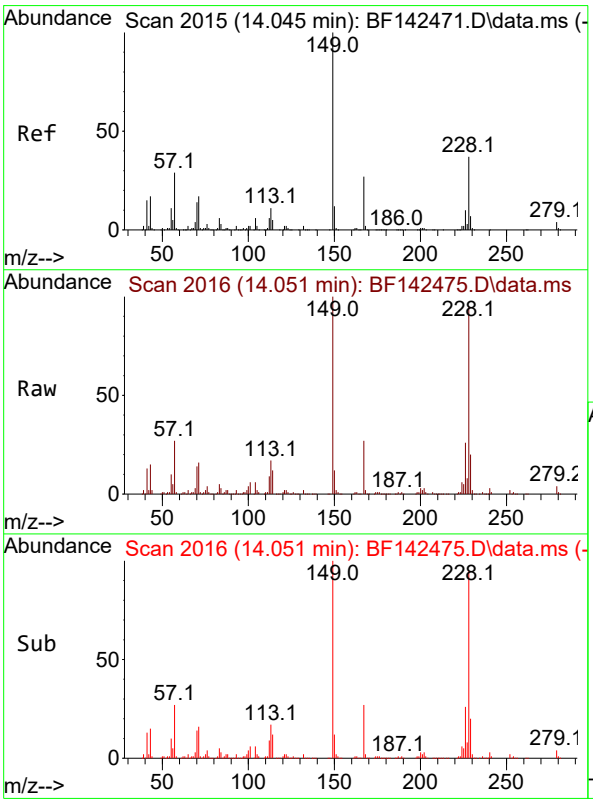
#83
Chrysene
Concen: 37.768 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:228 Resp: 388943

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.6	15.4	23.2

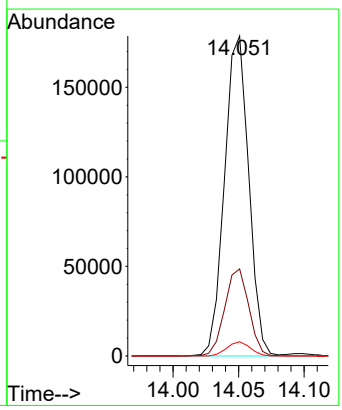


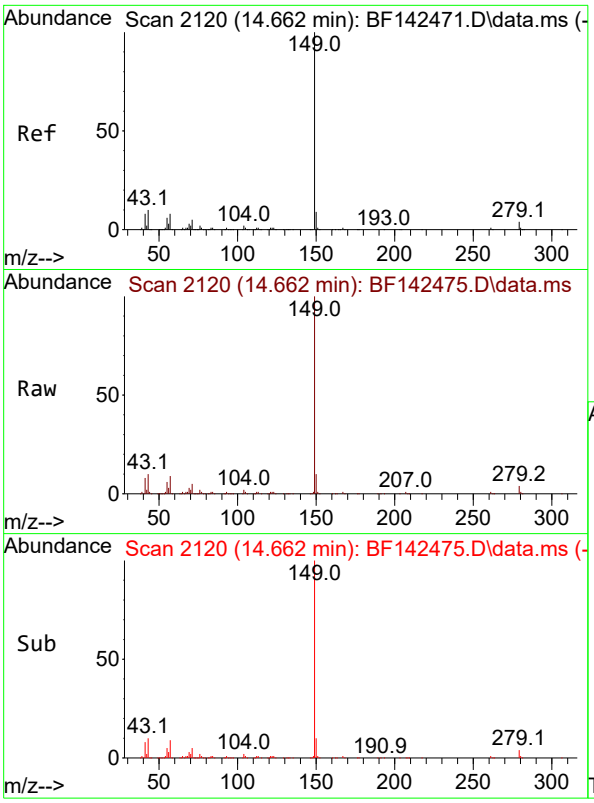


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.596 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 229915

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	4.4	3.2	4.8



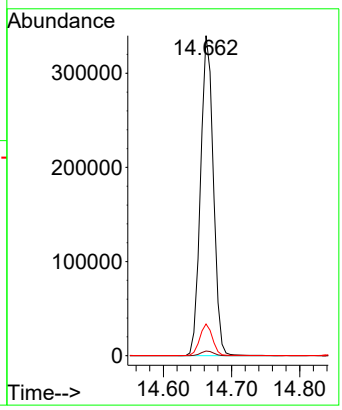


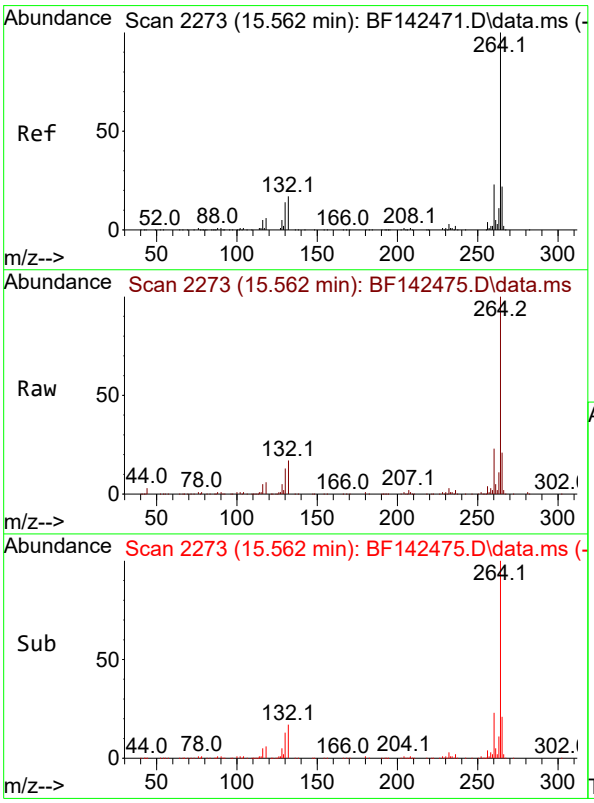
#85
Di-n-octyl phthalate
Concen: 40.048 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:149 Resp: 443488

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

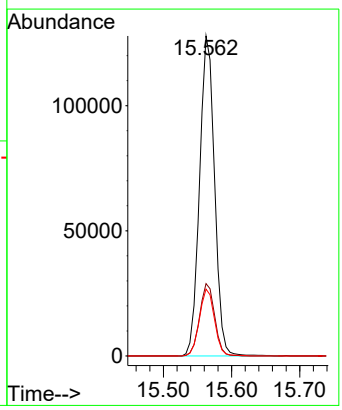


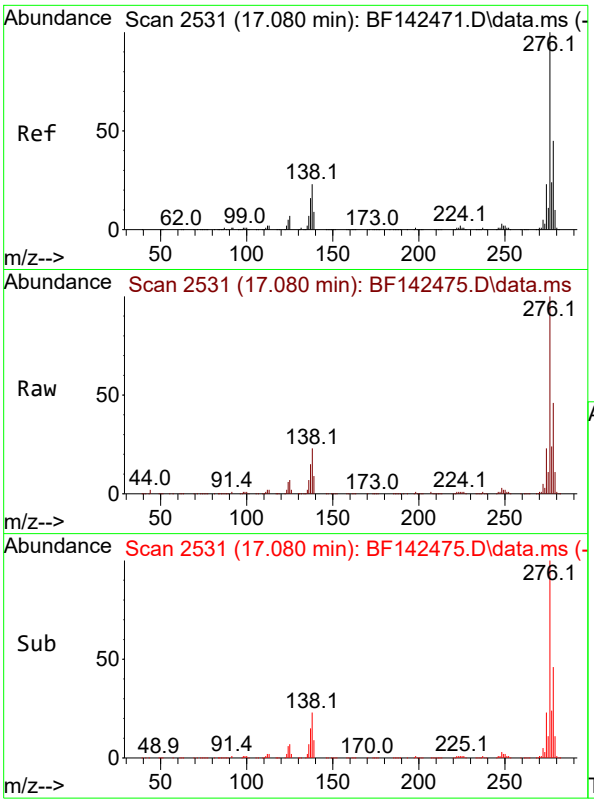


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:264 Resp: 195956

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5



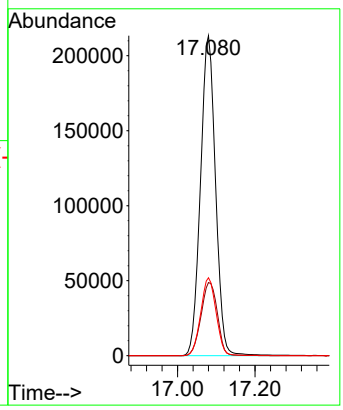


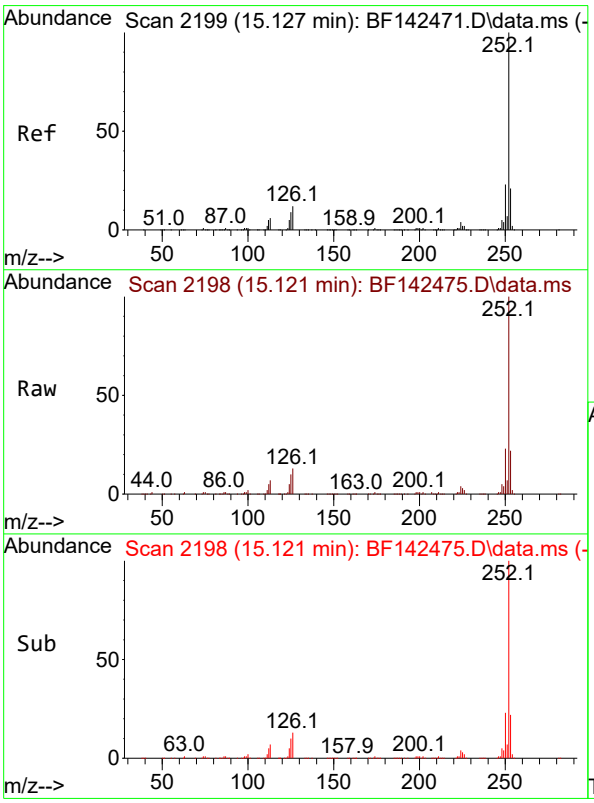
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.070 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:276 Resp: 574771

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.0	20.2	30.2

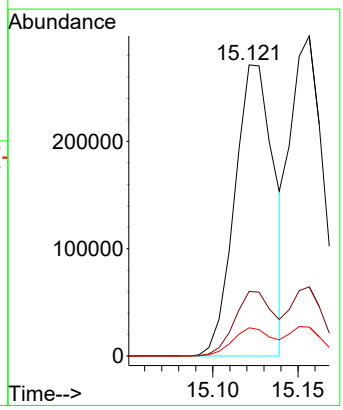


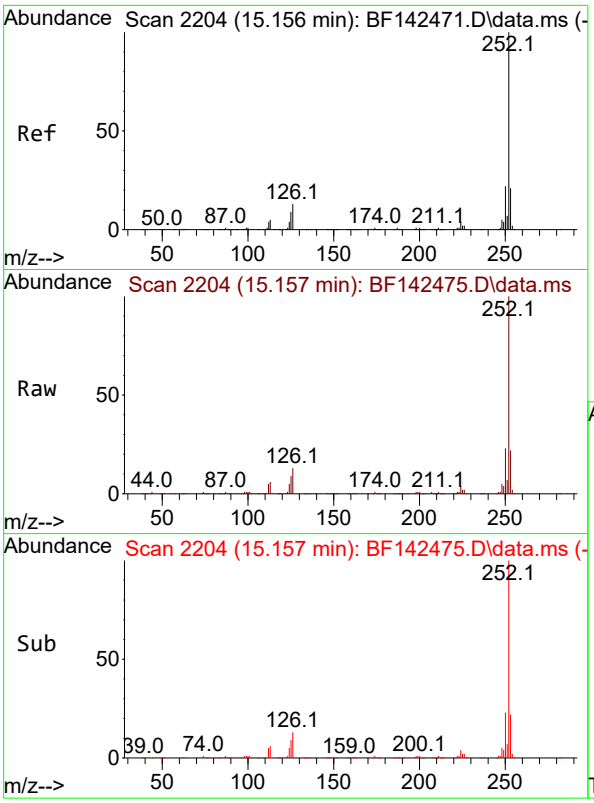


#88
Benzo(b)fluoranthene
Concen: 37.396 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 433704

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.7	7.4	11.0



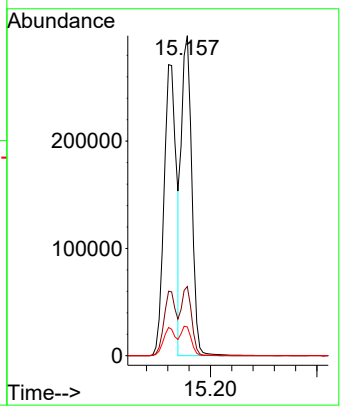


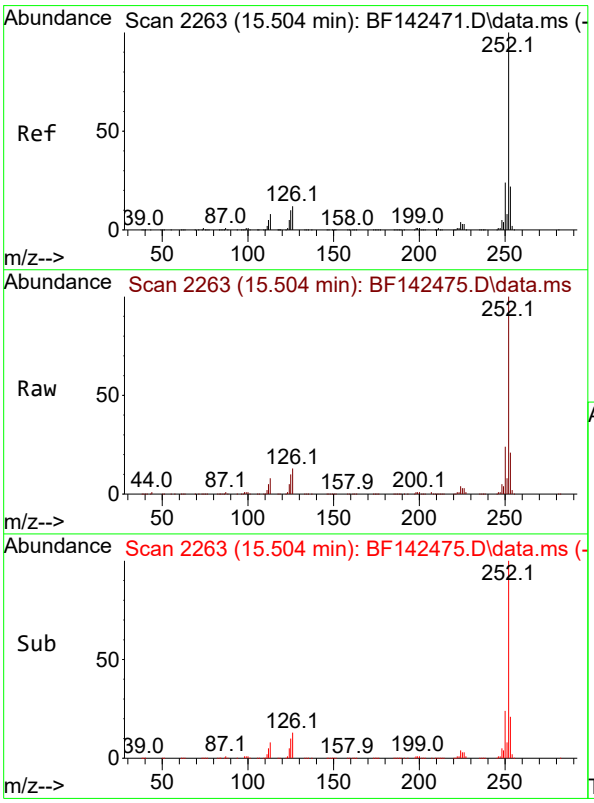
#89
Benzo(k)fluoranthene
Concen: 37.255 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:252 Resp: 404679

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	9.0	7.3	10.9

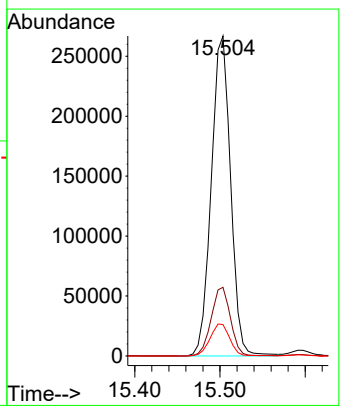


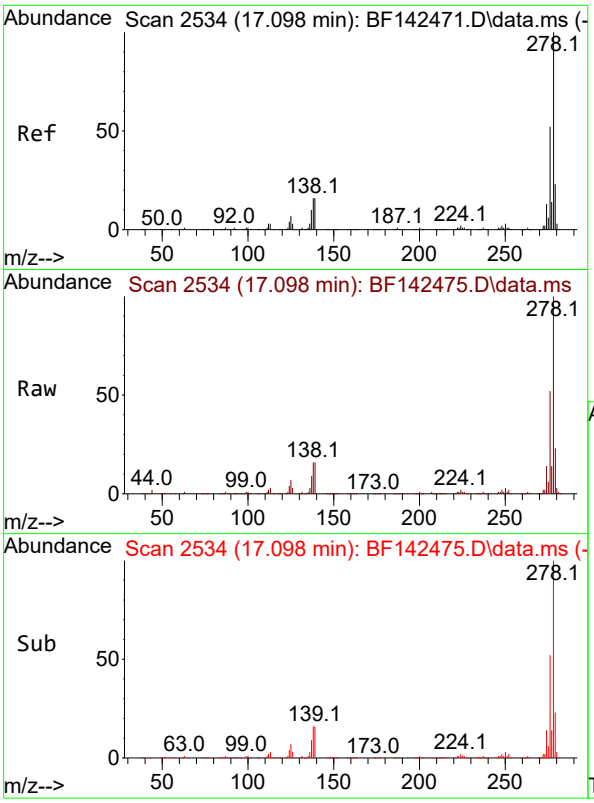


#90
Benzo(a)pyrene
Concen: 38.578 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 421730

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.8	7.9	11.9



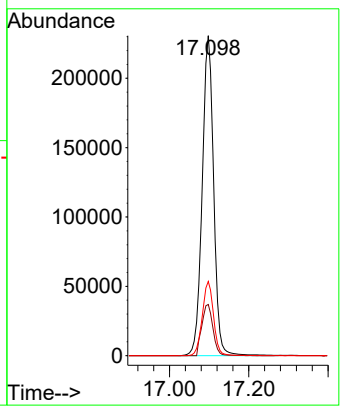


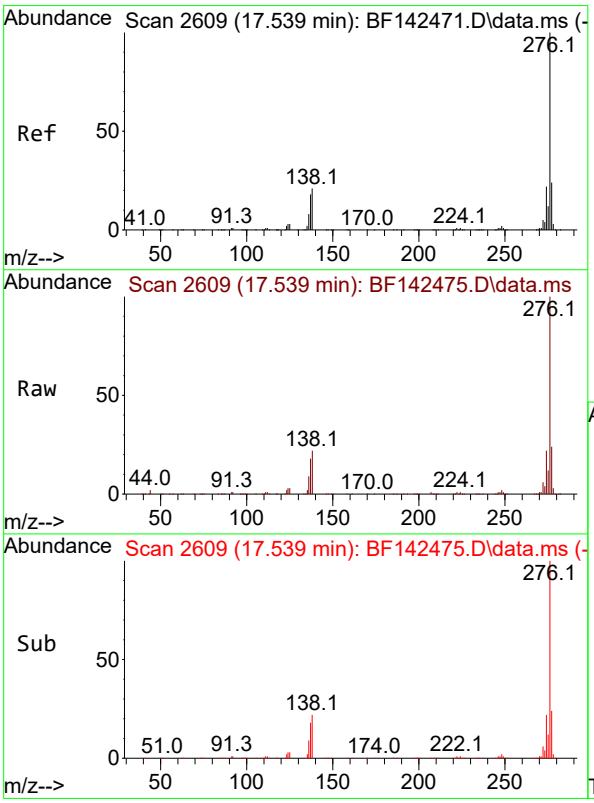
#91
Dibenzo(a,h)anthracene
Concen: 38.868 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:278 Resp: 463752

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.2	18.6	28.0

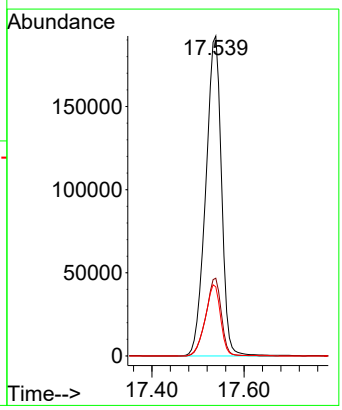




#92
Benzo(g,h,i)perylene
Concen: 38.345 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:276 Resp: 457604

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	21.6	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	102	0.00
2		1,4-Dioxane	0.475	0.453	4.6	101	0.00
3		Pyridine	1.210	1.168	3.5	102	0.00
4		n-Nitrosodimethylamine	0.628	0.612	2.5	101	-0.02
5	S	2-Fluorophenol	1.187	1.115	6.1	101	0.00
6		Aniline	1.921	1.845	4.0	102	0.00
7	S	Phenol-d6	1.429	1.358	5.0	101	-0.01
8		2-Chlorophenol	1.293	1.225	5.3	100	0.00
9		Benzaldehyde	0.859	0.832	3.1	104	0.00
10	C	Phenol	1.608	1.542	4.1	103	-0.01
11		bis(2-Chloroethyl)ether	1.157	1.108	4.2	102	0.00
12		1,3-Dichlorobenzene	1.443	1.356	6.0	99	0.00
13	C	1,4-Dichlorobenzene	1.453	1.384	4.7	100	0.00
14		1,2-Dichlorobenzene	1.391	1.311	5.8	101	0.00
15		Benzyl Alcohol	1.056	1.021	3.3	102	0.00
16		2,2'-oxybis(1-Chloropropane	1.944	1.843	5.2	101	0.00
17		2-Methylphenol	1.010	0.972	3.8	101	0.00
18		Hexachloroethane	0.507	0.484	4.5	101	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.838	5.4	101	-0.02
20		3+4-Methylphenols	1.293	1.229	4.9	101	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.443	0.422	4.7	100	0.00
23	S	Nitrobenzene-d5	0.367	0.354	3.5	102	-0.01
24		Nitrobenzene	0.331	0.320	3.3	101	0.00
25		Isophorone	0.613	0.581	5.2	100	-0.01
26	C	2-Nitrophenol	0.177	0.177	0.0	103	0.00
27		2,4-Dimethylphenol	0.312	0.304	2.6	102	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.368	3.9	103	0.00
29	C	2,4-Dichlorophenol	0.283	0.271	4.2	100	0.00
30		1,2,4-Trichlorobenzene	0.308	0.294	4.5	102	0.00
31		Naphthalene	0.985	0.938	4.8	102	0.00
32		Benzoic acid	0.190	0.192	-1.1	104	-0.04
33		4-Chloroaniline	0.399	0.389	2.5	102	0.00
34	C	Hexachlorobutadiene	0.192	0.185	3.6	101	0.00
35		Caprolactam	0.080	0.078	2.5	101	-0.02
36	C	4-Chloro-3-methylphenol	0.291	0.281	3.4	102	-0.01
37		2-Methylnaphthalene	0.620	0.590	4.8	102	0.00
38		1-Methylnaphthalene	0.641	0.612	4.5	102	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.538	6.3	101	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.387	0.0	102	0.00
42	S	2,4,6-Tribromophenol	0.222	0.210	5.4	103	0.00
43	C	2,4,6-Trichlorophenol	0.387	0.367	5.2	102	0.00
44		2,4,5-Trichlorophenol	0.408	0.385	5.6	101	0.00
45	S	2-Fluorobiphenyl	1.490	1.352	9.3	101	0.00
46		1,1'-Biphenyl	1.552	1.454	6.3	102	0.00
47		2-Chloronaphthalene	1.146	1.082	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	0.331	0.322	2.7	103	0.00
49		Acenaphthylene	1.936	1.821	5.9	102	0.00
50		Dimethylphthalate	1.320	1.227	7.0	101	0.00
51		2,6-Dinitrotoluene	0.285	0.272	4.6	100	0.00
52	C	Acenaphthene	1.182	1.119	5.3	103	0.00
53		3-Nitroaniline	0.311	0.297	4.5	103	0.00
54	P	2,4-Dinitrophenol	0.147	0.153	-4.1	106	-0.01
55		Dibenzofuran	1.701	1.581	7.1	102	0.00
56	P	4-Nitrophenol	0.230	0.226	1.7	103	0.00
57		2,4-Dinitrotoluene	0.372	0.358	3.8	102	0.00
58		Fluorene	1.314	1.204	8.4	101	0.00
59		2,3,4,6-Tetrachlorophenol	0.341	0.324	5.0	101	0.00
60		Diethylphthalate	1.289	1.219	5.4	102	0.00
61		4-Chlorophenyl-phenylether	0.646	0.597	7.6	101	0.00
62		4-Nitroaniline	0.282	0.269	4.6	100	-0.01
63		Azobenzene	1.158	1.093	5.6	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.118	-5.4	104	0.00
66	c	n-Nitrosodiphenylamine	0.684	0.652	4.7	102	0.00
67		4-Bromophenyl-phenylether	0.236	0.226	4.2	103	0.00
68		Hexachlorobenzene	0.262	0.252	3.8	102	0.00
69		Atrazine	0.182	0.180	1.1	103	0.00
70	C	Pentachlorophenol	0.148	0.151	-2.0	104	0.00
71		Phenanthrene	1.069	1.001	6.4	101	0.00
72		Anthracene	1.091	1.037	4.9	102	0.00
73		Carbazole	0.933	0.893	4.3	102	0.00
74		Di-n-butylphthalate	1.021	0.985	3.5	103	0.00
75	C	Fluoranthene	0.999	0.936	6.3	101	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.744	0.791	-6.3	101	0.00
78		Pyrene	1.866	1.871	-0.3	102	0.00
79	S	Terphenyl-d14	1.464	1.422	2.9	101	0.00
80		Butylbenzylphthalate	0.516	0.519	-0.6	100	0.00
81		Benzo(a)anthracene	1.336	1.268	5.1	101	0.00
82		3,3'-Dichlorobenzidine	0.405	0.394	2.7	98	0.00
83		Chrysene	1.200	1.133	5.6	100	0.00
84		Bis(2-ethylhexyl)phthalate	0.660	0.670	-1.5	101	0.00
85	c	Di-n-octyl phthalate	1.290	1.292	-0.2	104	0.00
86	I	Perylene-d12	1.000	1.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	1.501	1.467	2.3	105	-0.01
88		Benzo(b)fluoranthene	1.184	1.107	6.5	102	0.00
89		Benzo(k)fluoranthene	1.109	1.033	6.9	103	0.00
90	C	Benzo(a)pyrene	1.116	1.076	3.6	103	0.00
91		Dibenzo(a,h)anthracene	1.218	1.183	2.9	103	-0.02
92		Benzo(g,h,i)perylene	1.218	1.168	4.1	102	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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\BF052025\
Data File : BF142475.D
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	0.00
2		1,4-Dioxane	40.000	38.184	4.5	101	0.00
3		Pyridine	40.000	38.607	3.5	102	0.00
4		n-Nitrosodimethylamine	40.000	38.995	2.5	101	-0.02
5	S	2-Fluorophenol	80.000	75.157	6.1	101	0.00
6		Aniline	40.000	38.415	4.0	102	0.00
7	S	Phenol-d6	80.000	76.025	5.0	101	-0.01
8		2-Chlorophenol	40.000	37.902	5.2	100	0.00
9		Benzaldehyde	40.000	38.726	3.2	104	0.00
10	C	Phenol	40.000	38.362	4.1	103	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.280	4.3	102	0.00
12		1,3-Dichlorobenzene	40.000	37.579	6.1	99	0.00
13	C	1,4-Dichlorobenzene	40.000	38.078	4.8	100	0.00
14		1,2-Dichlorobenzene	40.000	37.716	5.7	101	0.00
15		Benzyl Alcohol	40.000	38.663	3.3	102	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.927	5.2	101	0.00
17		2-Methylphenol	40.000	38.500	3.8	101	0.00
18		Hexachloroethane	40.000	38.137	4.7	101	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.833	5.4	101	-0.02
20		3+4-Methylphenols	40.000	38.020	4.9	101	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	38.118	4.7	100	0.00
23	S	Nitrobenzene-d5	80.000	77.283	3.4	102	-0.01
24		Nitrobenzene	40.000	38.737	3.2	101	0.00
25		Isophorone	40.000	37.906	5.2	100	-0.01
26	C	2-Nitrophenol	40.000	39.958	0.1	103	0.00
27		2,4-Dimethylphenol	40.000	38.953	2.6	102	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.407	4.0	103	0.00
29	C	2,4-Dichlorophenol	40.000	38.285	4.3	100	0.00
30		1,2,4-Trichlorobenzene	40.000	38.187	4.5	102	0.00
31		Naphthalene	40.000	38.112	4.7	102	0.00
32		Benzoic acid	40.000	40.490	-1.2	104	-0.04
33		4-Chloroaniline	40.000	38.962	2.6	102	0.00
34	C	Hexachlorobutadiene	40.000	38.512	3.7	101	0.00
35		Caprolactam	40.000	39.162	2.1	101	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.654	3.4	102	-0.01
37		2-Methylnaphthalene	40.000	38.062	4.8	102	0.00
38		1-Methylnaphthalene	40.000	38.229	4.4	102	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.508	6.2	101	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.991	0.0	102	0.00
42	S	2,4,6-Tribromophenol	80.000	75.790	5.3	103	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.954	5.1	102	0.00
44		2,4,5-Trichlorophenol	40.000	37.766	5.6	101	0.00
45	S	2-Fluorobiphenyl	80.000	72.557	9.3	101	0.00
46		1,1'-Biphenyl	40.000	37.487	6.3	102	0.00
47		2-Chloronaphthalene	40.000	37.763	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	38.867	2.8	103	0.00
49		Acenaphthylene	40.000	37.630	5.9	102	0.00
50		Dimethylphthalate	40.000	37.184	7.0	101	0.00
51		2,6-Dinitrotoluene	40.000	38.191	4.5	100	0.00
52	C	Acenaphthene	40.000	37.877	5.3	103	0.00
53		3-Nitroaniline	40.000	38.246	4.4	103	0.00
54	P	2,4-Dinitrophenol	40.000	41.481	-3.7	106	-0.01
55		Dibenzofuran	40.000	37.170	7.1	102	0.00
56	P	4-Nitrophenol	40.000	39.320	1.7	103	0.00
57		2,4-Dinitrotoluene	40.000	38.463	3.8	102	0.00
58		Fluorene	40.000	36.662	8.3	101	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.000	5.0	101	0.00
60		Diethylphthalate	40.000	37.844	5.4	102	0.00
61		4-Chlorophenyl-phenylether	40.000	36.985	7.5	101	0.00
62		4-Nitroaniline	40.000	38.132	4.7	100	-0.01
63		Azobenzene	40.000	37.780	5.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.334	-5.8	104	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.132	4.7	102	0.00
67		4-Bromophenyl-phenylether	40.000	38.189	4.5	103	0.00
68		Hexachlorobenzene	40.000	38.554	3.6	102	0.00
69		Atrazine	40.000	39.541	1.1	103	0.00
70	C	Pentachlorophenol	40.000	40.866	-2.2	104	0.00
71		Phenanthrene	40.000	37.478	6.3	101	0.00
72		Anthracene	40.000	38.032	4.9	102	0.00
73		Carbazole	40.000	38.300	4.3	102	0.00
74		Di-n-butylphthalate	40.000	38.596	3.5	103	0.00
75	C	Fluoranthene	40.000	37.479	6.3	101	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	42.525	-6.3	101	0.00
78		Pyrene	40.000	40.108	-0.3	102	0.00
79	S	Terphenyl-d14	80.000	77.714	2.9	101	0.00
80		Butylbenzylphthalate	40.000	40.275	-0.7	100	0.00
81		Benzo(a)anthracene	40.000	37.981	5.0	101	0.00
82		3,3'-Dichlorobenzidine	40.000	38.874	2.8	98	0.00
83		Chrysene	40.000	37.768	5.6	100	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.596	-1.5	101	0.00
85	c	Di-n-octyl phthalate	40.000	40.048	-0.1	104	0.00
86	I	Perylene-d12	20.000	20.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.070	2.3	105	-0.01
88		Benzo(b)fluoranthene	40.000	37.396	6.5	102	0.00
89		Benzo(k)fluoranthene	40.000	37.255	6.9	103	0.00
90	C	Benzo(a)pyrene	40.000	38.578	3.6	103	0.00
91		Dibenzo(a,h)anthracene	40.000	38.868	2.8	103	-0.02
92		Benzo(g,h,i)perylene	40.000	38.345	4.1	102	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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 BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142712.D 5.0 =BF142713.D 10 =BF142714.D 20 =BF142715.D 40 =BF142716.D 50 =BF142717.D 60 =BF142718.D 80 =BF1427
19.D

		Compound	2.5	5.0	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.499	0.448	0.472	0.455	0.481	0.460	0.439	0.465	4.40
3)		Pyridine		1.172	1.129	1.159	1.160	1.222	1.193	1.122	1.165	3.00
4)		n-Nitrosodimet...			0.558	0.590	0.591	0.633	0.617	0.588	0.596	4.36
5)	S	2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.156	1.075	1.174	4.55
6)		Aniline		1.866	1.788	1.894	1.848	1.955	1.861	1.736	1.850	3.83
7)	S	Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.377	1.302	1.382	3.67
8)		2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.286	1.219	1.283	3.09
9)		Benzaldehyde			0.943	0.950	0.839	0.839	0.708		0.856	11.52
10)	C	Phenol		1.550	1.503	1.577	1.522	1.607	1.547	1.446	1.536	3.42
11)		bis(2-Chloroet...		1.222	1.118	1.149	1.130	1.202	1.131	1.079	1.147	4.29
12)		1,3-Dichlorobe...		1.557	1.483	1.504	1.451	1.513	1.411	1.333	1.465	5.08
13)	C	1,4-Dichlorobe...		1.596	1.483	1.519	1.454	1.528	1.431	1.349	1.480	5.34
14)		1,2-Dichlorobe...		1.554	1.418	1.444	1.401	1.457	1.375	1.282	1.419	5.83
15)		Benzyl Alcohol			0.970	1.049	1.059	1.121	1.061	1.007	1.045	4.95
16)		2,2'-oxybis(1-...		1.957	1.812	1.840	1.806	1.875	1.746	1.609	1.806	6.03
17)		2-Methylphenol		0.978	0.950	0.995	0.992	1.043	0.995	0.933	0.984	3.61
18)		Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.522	0.488	0.530	4.69
19)	P	n-Nitroso-di-n...	0.885	0.912	0.870	0.886	0.878	0.921	0.863	0.823	0.880	3.43
20)		3+4-Methylphenols			1.261	1.285	1.246	1.299	1.218	1.134	1.240	4.80
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.475	0.451	0.458	0.435	0.454	0.433	0.408	0.445	4.79
23)	S	Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.363	0.346	0.365	3.24
24)		Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.327	0.312	0.324	3.10
25)		Isophorone		0.657	0.621	0.628	0.603	0.630	0.606	0.585	0.619	3.77
26)	C	2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.187	0.178	0.181	3.92
27)		2,4-Dimethylph...		0.318	0.303	0.311	0.304	0.321	0.308	0.292	0.308	3.14
28)		bis(2-Chloroet...		0.408	0.381	0.392	0.377	0.397	0.378	0.356	0.384	4.31
29)	C	2,4-Dichloroph...		0.284	0.281	0.292	0.280	0.300	0.285	0.269	0.284	3.51
30)		1,2,4-Trichlor...		0.337	0.313	0.322	0.306	0.322	0.307	0.294	0.314	4.42
31)		Naphthalene		1.065	0.997	1.021	0.972	1.008	0.958	0.903	0.989	5.20
32)		Benzoic acid			0.137	0.162	0.174	0.192	0.190	0.186	0.174	12.16
33)		4-Chloroaniline		0.429	0.389	0.399	0.399	0.408	0.386	0.370	0.397	4.68
34)	C	Hexachlorobuta...		0.210	0.204	0.206	0.197	0.205	0.196	0.184	0.200	4.41
35)		Caprolactam			0.077	0.079	0.075	0.079	0.077	0.074	0.077	2.82
36)	C	4-Chloro-3-met...		0.317	0.299	0.303	0.289	0.301	0.287	0.273	0.296	4.76
37)		2-Methylnaphth...		0.674	0.649	0.641	0.618	0.636	0.599	0.565	0.626	5.72
38)		1-Methylnaphth...		0.727	0.666	0.669	0.629	0.650	0.619	0.580	0.649	7.16

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.585	0.592	0.589	0.568	0.618	0.570	0.531	0.579	4.64
41)	P	Hexachlorocycl...		0.297	0.348	0.375	0.414	0.400	0.396	0.372	11.64
42)	S	2,4,6-Tribromo...	0.236	0.223	0.224	0.213	0.226	0.210	0.202	0.219	5.28
43)	C	2,4,6-Trichlor...	0.349	0.373	0.383	0.373	0.405	0.380	0.359	0.375	4.79
44)		2,4,5-Trichlor...	0.404	0.404	0.413	0.400	0.431	0.399	0.383	0.405	3.61
45)	S	2-Fluorobiphenyl	1.690	1.610	1.569	1.444	1.535	1.402	1.289	1.505	9.04
46)		1,1'-Biphenyl	1.630	1.617	1.587	1.506	1.622	1.500	1.409	1.553	5.39
47)		2-Chloronaphth...	1.190	1.172	1.178	1.117	1.197	1.108	1.047	1.144	4.82
48)		2-Nitroaniline	0.320	0.321	0.333	0.323	0.345	0.325	0.311	0.325	3.38
49)		Acenaphthylene	2.053	1.986	2.003	1.881	1.991	1.847	1.744	1.929	5.65
50)		Dimethylphthalate	1.444	1.368	1.359	1.291	1.379	1.273	1.234	1.336	5.42
51)		2,6-Dinitrotol...	0.307	0.283	0.295	0.285	0.299	0.283	0.268	0.289	4.49
52)	C	Acenaphthene	1.266	1.222	1.224	1.170	1.237	1.155	1.099	1.196	4.80
53)		3-Nitroaniline	0.334	0.313	0.316	0.307	0.322	0.304	0.295	0.313	4.08
54)	P	2,4-Dinitrophenol		0.123	0.154	0.157	0.176	0.170	0.169	0.158	12.18
55)		Dibenzofuran	1.855	1.777	1.783	1.643	1.741	1.607	1.517	1.703	6.93
56)	P	4-Nitrophenol		0.203	0.219	0.210	0.222	0.212	0.208	0.212	3.42
57)		2,4-Dinitrotol...	0.396	0.383	0.399	0.377	0.396	0.372	0.348	0.382	4.73
58)		Fluorene	1.547	1.429	1.397	1.279	1.357	1.240	1.167	1.345	9.49
59)		2,3,4,6-Tetrac...	0.364	0.339	0.357	0.327	0.354	0.332	0.311	0.340	5.58
60)		Diethylphthalate	1.508	1.392	1.372	1.256	1.332	1.246	1.164	1.324	8.55
61)		4-Chlorophenyl...	0.748	0.692	0.680	0.633	0.663	0.610	0.571	0.657	8.84
62)		4-Nitroaniline	0.297	0.281	0.294	0.270	0.283	0.275	0.261	0.280	4.58
63)		Azobenzene	1.290	1.186	1.178	1.115	1.187	1.094	1.045	1.157	6.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.104	0.123	0.125	0.137	0.133	0.129	0.125	9.17
66)	c	n-Nitrosodiphe...	0.710	0.679	0.693	0.672	0.722	0.685	0.651	0.687	3.45
67)		4-Bromophenyl-...	0.240	0.229	0.238	0.231	0.252	0.236	0.227	0.236	3.52
68)		Hexachlorobenzene	0.270	0.261	0.263	0.255	0.275	0.260	0.251	0.262	3.17
69)		Atrazine	0.185	0.174	0.188	0.179	0.191	0.188	0.178	0.183	3.33
70)	C	Pentachlorophenol		0.118	0.133	0.139	0.148	0.144	0.142	0.137	7.80
71)		Phenanthrene	1.165	1.100	1.094	1.036	1.091	1.035	0.978	1.071	5.61
72)		Anthracene	1.203	1.145	1.140	1.064	1.132	1.072	1.004	1.108	5.96
73)		Carbazole	1.003	0.960	0.968	0.898	0.931	0.903	0.832	0.928	6.07
74)		Di-n-butylphth...	1.105	1.048	1.072	1.005	1.053	1.017	0.953	1.036	4.76
75)	C	Fluoranthene	1.184	1.083	1.081	0.965	0.988	0.953	0.878	1.019	10.08
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.772	0.799	0.754	0.684	0.553	0.712	12.40
78)		Pyrene	2.014	1.918	1.928	1.883	1.878	1.753	1.635	1.859	6.75
79)	S	Terphenyl-d14	1.609	1.562	1.556	1.462	1.430	1.327	1.247	1.456	9.11
80)		Butylbenzylpht...	0.435	0.486	0.526	0.581	0.626	0.605	0.588	0.550	12.67
81)		Benzo(a)anthra...	1.367	1.273	1.284	1.350	1.400	1.340	1.263	1.325	3.94
82)		3,3'-Dichlorob...		0.370	0.403	0.442	0.473	0.459	0.418	0.427	8.88
83)		Chrysene	1.298	1.208	1.245	1.172	1.250	1.222	1.170	1.224	3.72
84)		Bis(2-ethylhex...	0.616	0.709	0.756	0.895	0.977	0.926	0.896	0.825	16.02
85)	c	Di-n-octyl pht...		1.284	1.385	1.677	1.816	1.680	1.654	1.582	12.84

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.438	1.406	1.458	1.498	1.602	1.514	1.460	1.482	4.31
88)		Benzo(b)fluora...	1.256	1.094	1.112	1.162	1.230	1.251	1.139	1.178	5.71
89)		Benzo(k)fluora...	1.236	1.178	1.245	1.076	1.189	1.035	1.039	1.143	7.94
90)	C	Benzo(a)pyrene	1.164	1.085	1.122	1.104	1.184	1.111	1.068	1.120	3.70
91)		Dibenzo(a,h)an...	1.134	1.176	1.214	1.236	1.318	1.222	1.172	1.210	4.87
92)		Benzo(g,h,i)pe...	1.201	1.164	1.178	1.216	1.295	1.207	1.163	1.203	3.77

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142712.D
Acq On : 10 Jun 2025 16:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 11 04:42:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

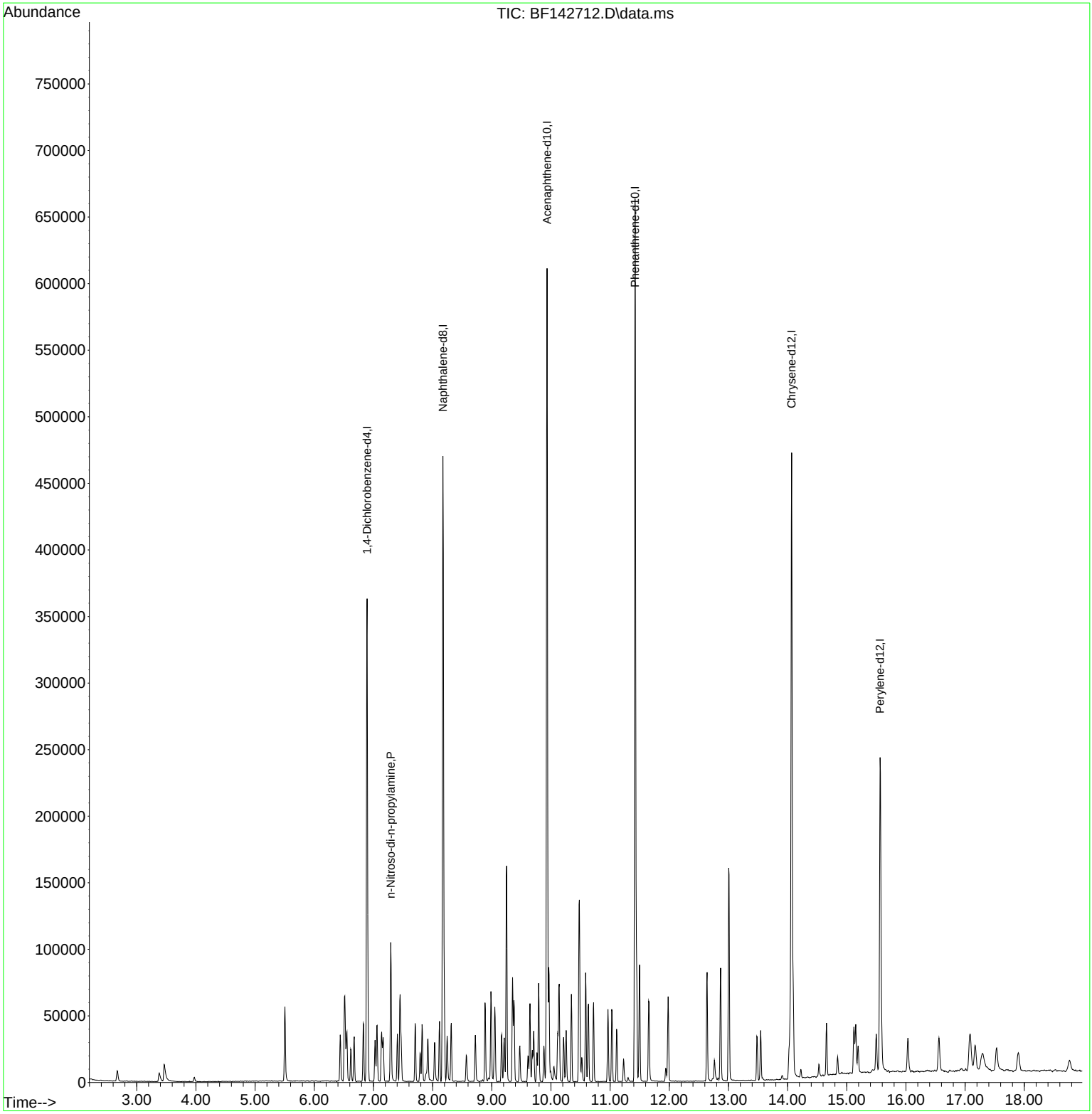
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79232	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295464	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	183301	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	345616	20.000	ng	0.00
76) Chrysene-d12	14.068	240	223924	20.000	ng	0.00
86) Perylene-d12	15.562	264	151462	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...	7.292	70	8766	2.710	ng	96

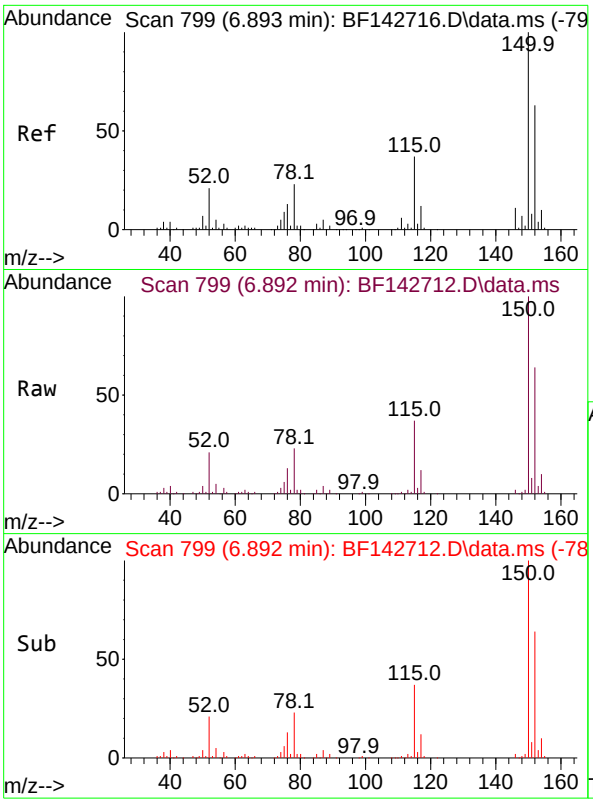
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142712.D
Acq On : 10 Jun 2025 16:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 11 04:42:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



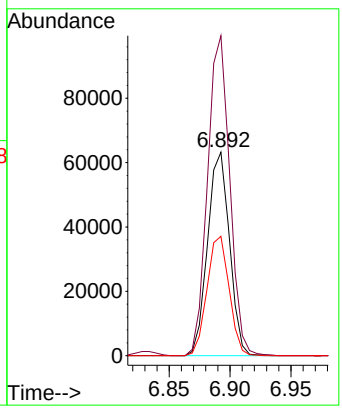


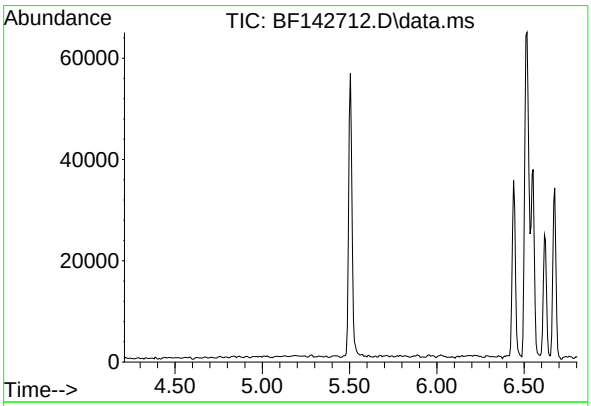
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 79232

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	58.7	47.0	70.6



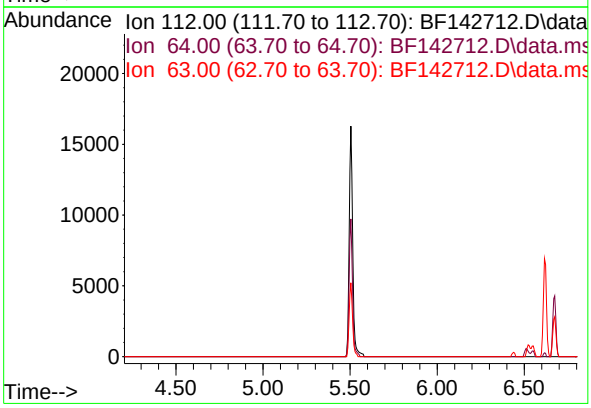


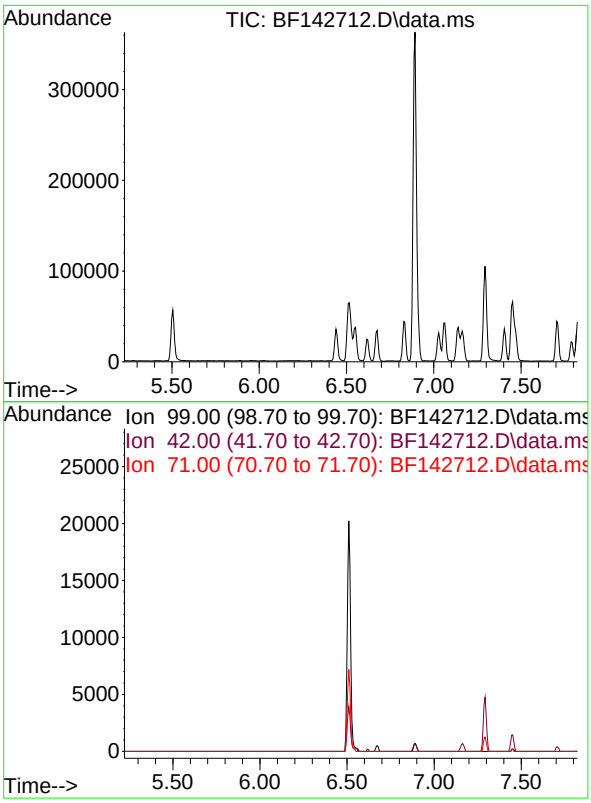
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.3
63	31.7





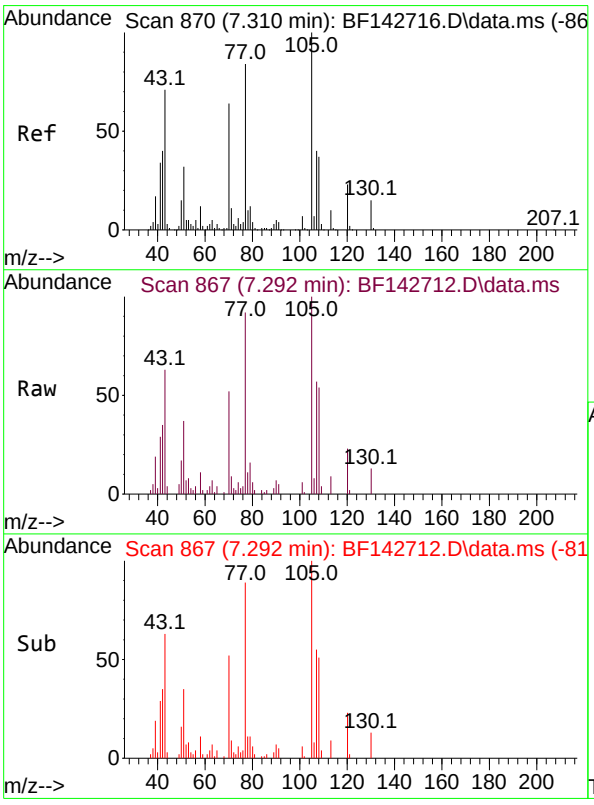
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

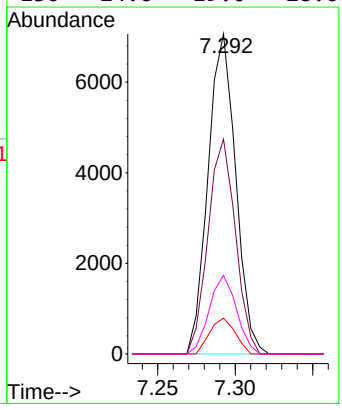
Sig	Exp Ratio
99	100
42	19.9
71	35.0

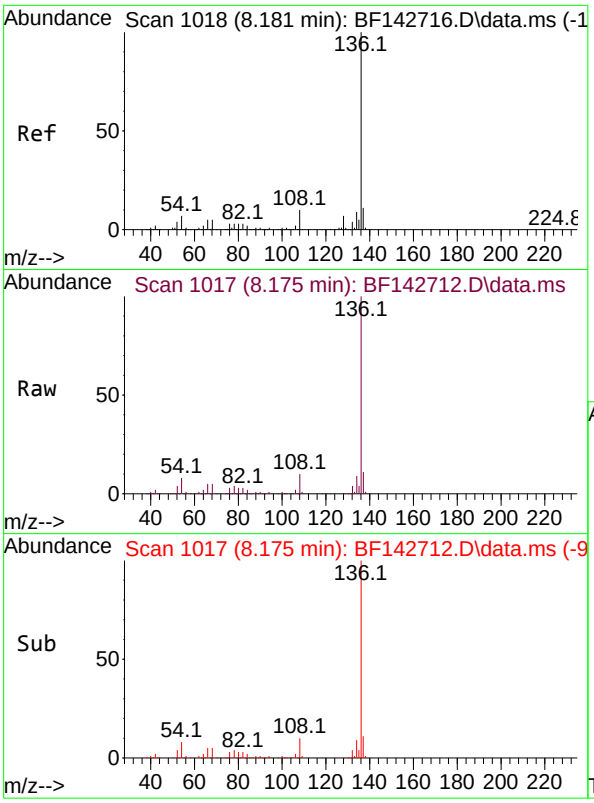


#19
n-Nitroso-di-n-propylamine
Concen: 2.710 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 70 Resp: 8766

Ion	Ratio	Lower	Upper
70	100		
42	67.2	50.2	75.4
101	11.2	8.3	12.5
130	24.6	19.0	28.6



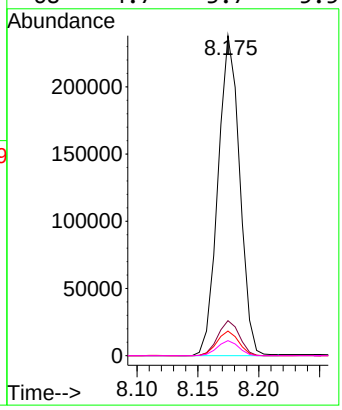


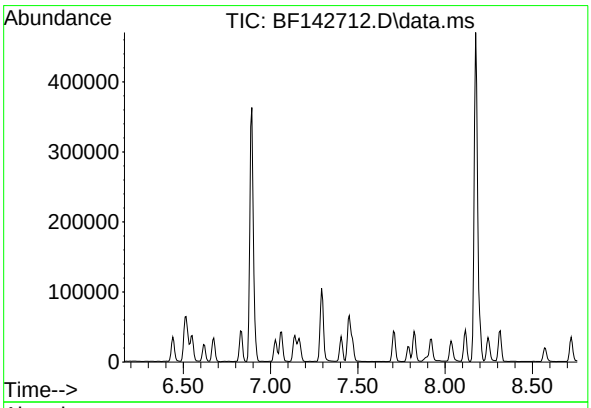
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 295464

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.7	5.9	8.9
68	4.7	3.7	5.5



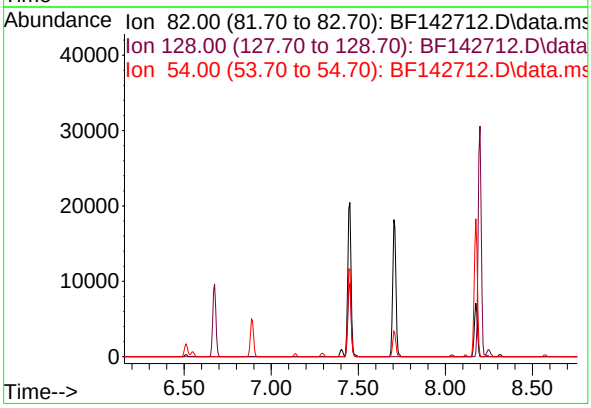


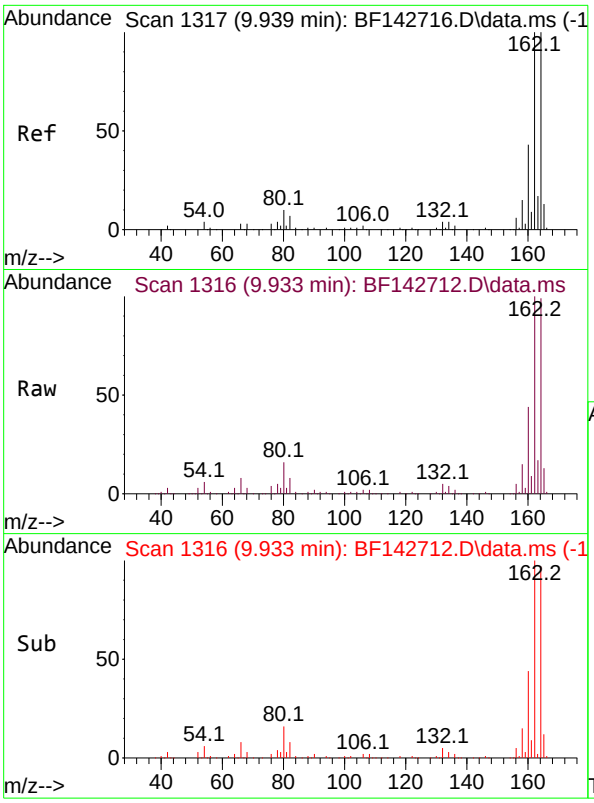
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.3
54	56.1



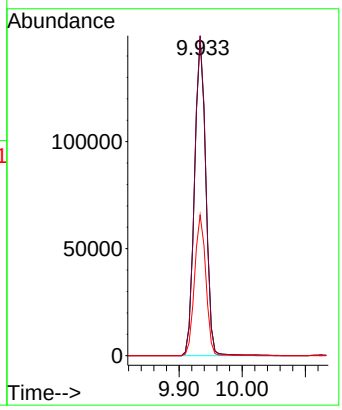


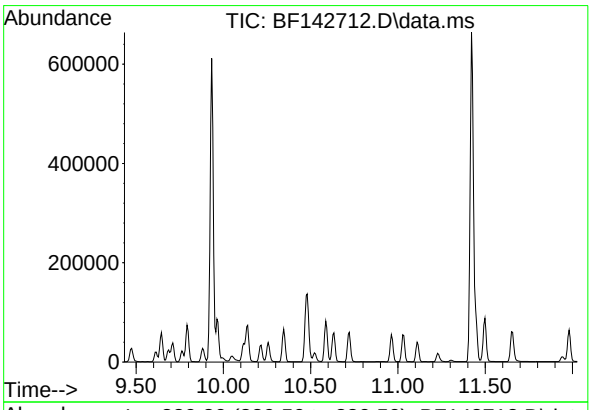
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 183301

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	44.4	34.8	52.2



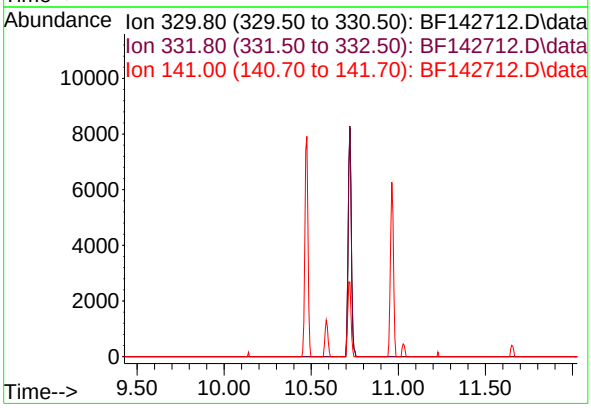


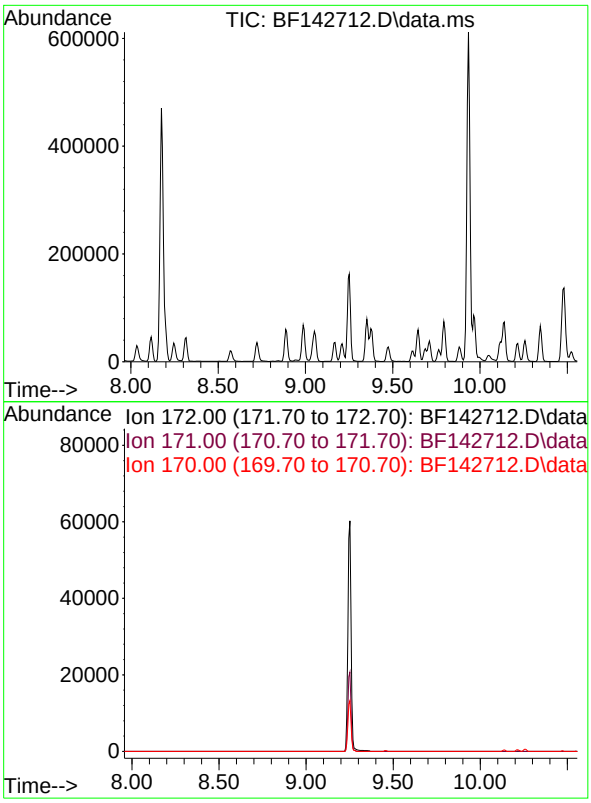
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	31.7





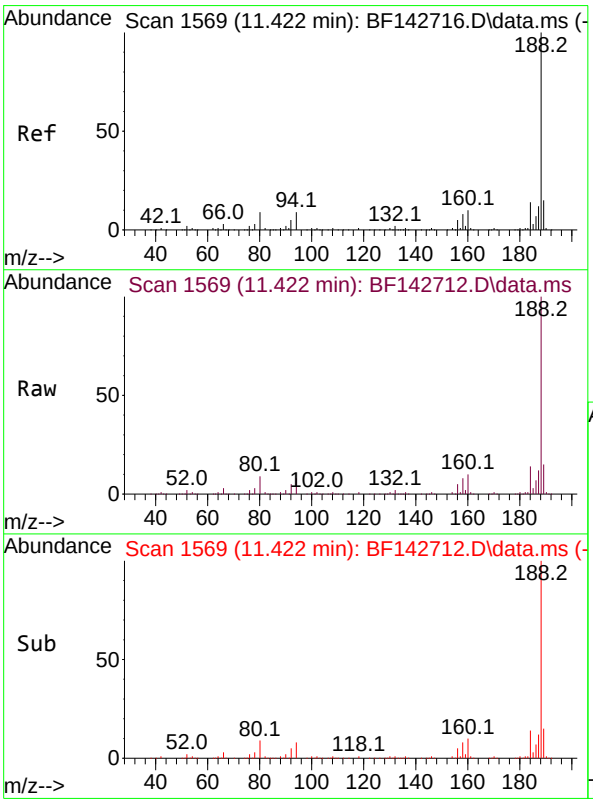
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.26 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

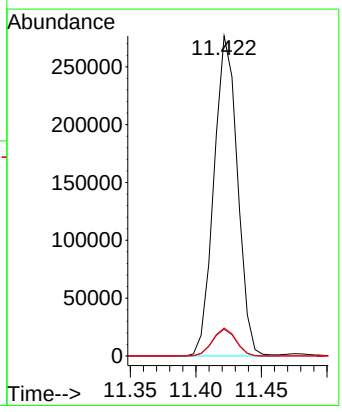
Sig	Exp Ratio
172	100
171	35.1
170	23.2

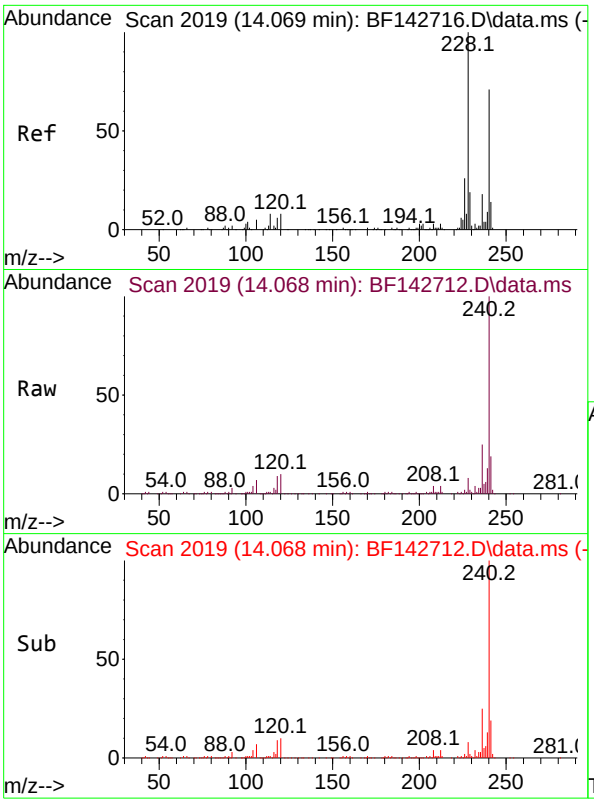


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion:188 Resp: 345616

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.1	10.7



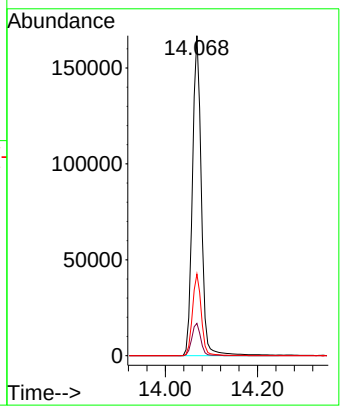


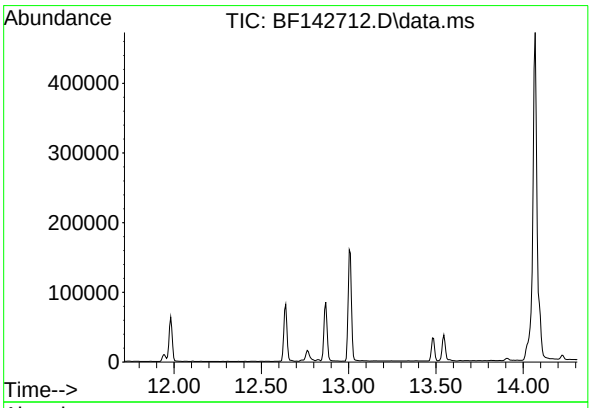
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

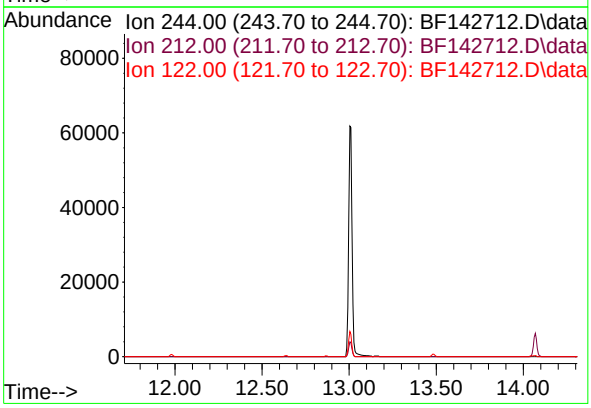
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 223924

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	25.5	20.1	30.1





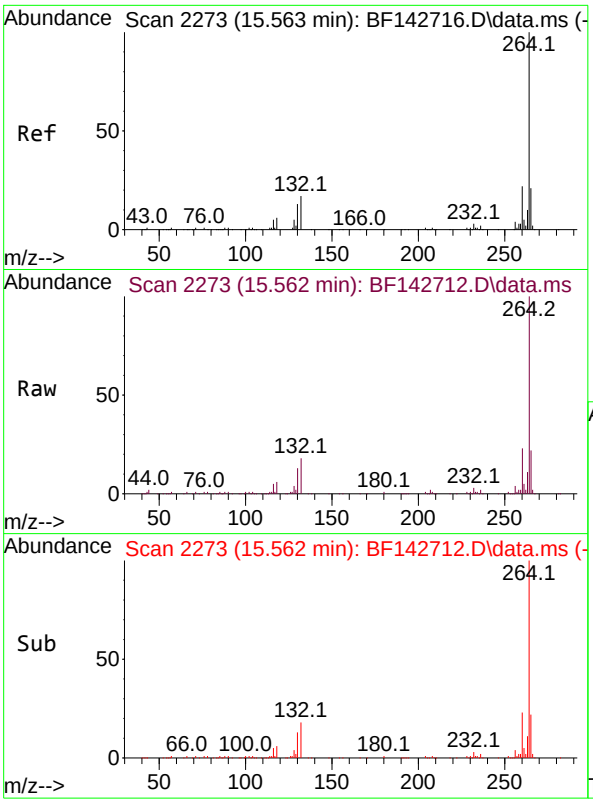


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	10.4

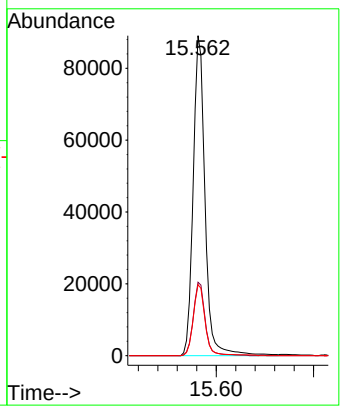


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 151462

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	22.2	16.6	25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	73153	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	282660	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	171831	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	317109	20.000	ng	0.00
76) Chrysene-d12	14.069	240	192600	20.000	ng	0.00
86) Perylene-d12	15.563	264	136780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	45267	10.485	ng	0.00
7) Phenol-d6	6.510	99	52444	10.388	ng	-0.01
23) Nitrobenzene-d5	7.451	82	53819	10.444	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	20258	10.526	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	145166	11.472	ng	0.00
79) Terphenyl-d14	13.004	244	154958	12.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	9117	5.514	ng	98
3) Pyridine	3.457	79	21429	5.033	ng	97
6) Aniline	6.551	93	34126	5.033	ng	98
8) 2-Chlorophenol	6.675	128	23551	4.989	ng	98
10) Phenol	6.522	94	28350	5.028	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	22343	5.410	ng	96
12) 1,3-Dichlorobenzene	6.834	146	28472	5.388	ng	98
13) 1,4-Dichlorobenzene	6.910	146	29191	5.422	ng	99
14) 1,2-Dichlorobenzene	7.063	146	28413	5.535	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	35792	5.355	ng	100
17) 2-Methylphenol	7.140	107	17889	4.966	ng	98
18) Hexachloroethane	7.404	117	10275	5.503	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	16677	5.585	ng	96
22) Acetophenone	7.293	105	33539	5.425	ng	97
24) Nitrobenzene	7.469	77	23879	5.151	ng	99
25) Isophorone	7.704	82	46450	5.508	ng	100
26) 2-Nitrophenol	7.792	139	12154	4.757	ng	99
27) 2,4-Dimethylphenol	7.822	122	22460	5.154	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	28801	5.495	ng	99
29) 2,4-Dichlorophenol	8.034	162	20068	5.067	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	23782	5.446	ng	99
31) Naphthalene	8.198	128	75231	5.400	ng	99
33) 4-Chloroaniline	8.245	127	30308	5.302	ng	99
34) Hexachlorobutadiene	8.316	225	14843	5.491	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	22410	5.387	ng	99
37) 2-Methylnaphthalene	8.887	142	47648	5.368	ng	100
38) 1-Methylnaphthalene	8.987	142	51391	5.616	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	25124	5.027	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	14992	4.592	ng	94
44) 2,4,5-Trichlorophenol	9.204	196	17365	4.967	ng	97
46) 1,1'-Biphenyl	9.351	154	70027	5.243	ng	98
47) 2-Chloronaphthalene	9.375	162	51126	5.116	ng	98
48) 2-Nitroaniline	9.469	65	13726	4.657	ng	98
49) Acenaphthylene	9.792	152	88199	5.321	ng	100
50) Dimethylphthalate	9.645	163	62037	5.367	ng	99
51) 2,6-Dinitrotoluene	9.710	165	13208	5.264	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

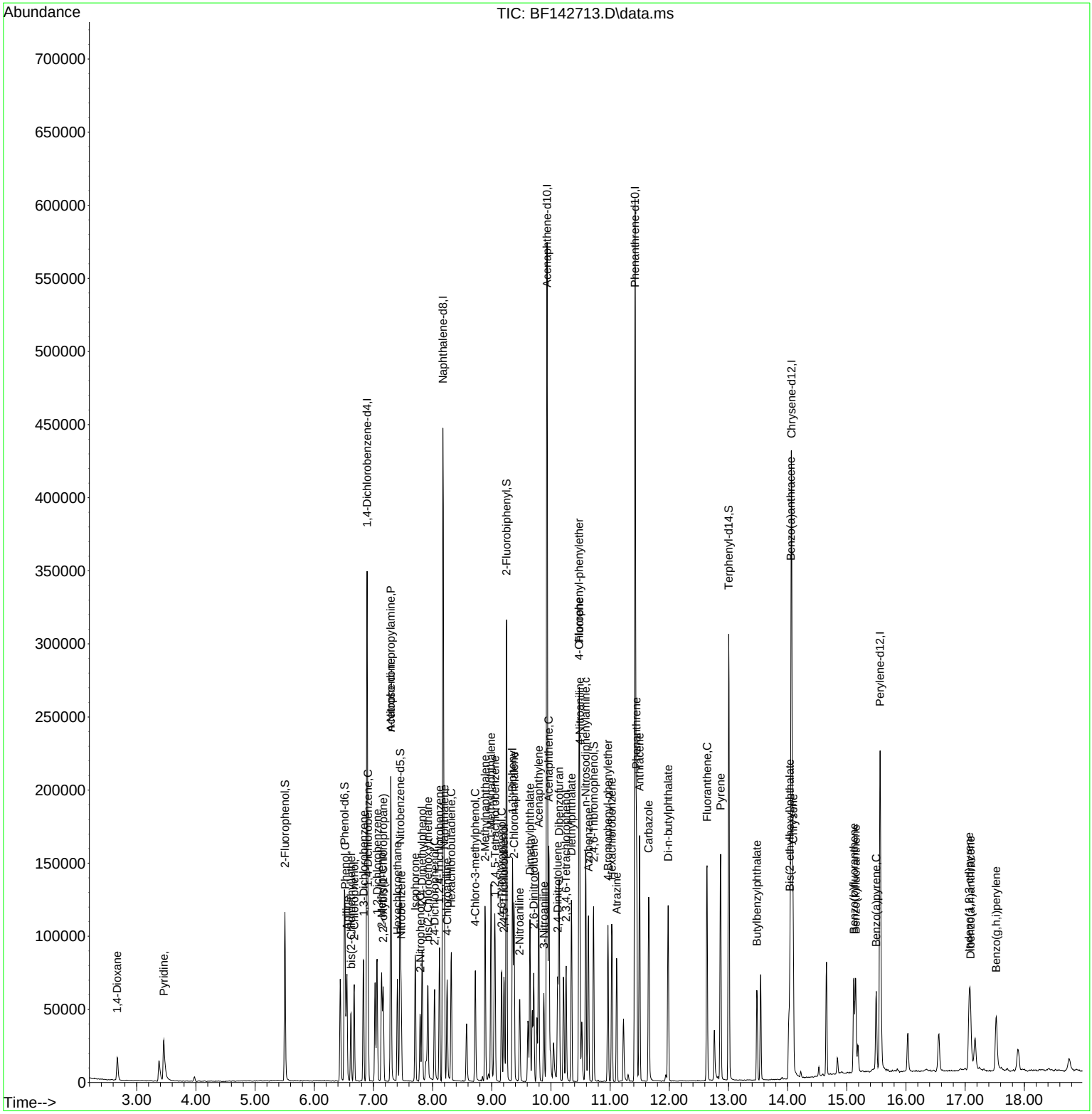
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.963	154	54383	5.359	ng		99
53) 3-Nitroaniline	9.881	138	14348	5.141	ng		99
55) Dibenzofuran	10.139	168	79673	5.471	ng		99
57) 2,4-Dinitrotoluene	10.116	165	17009	5.094	ng		96
58) Fluorene	10.481	166	66464	5.719	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	15641	5.392	ng	#	96
60) Diethylphthalate	10.345	149	64759	5.759	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	32152	5.820	ng		97
62) 4-Nitroaniline	10.486	138	12746	4.873	ng		98
63) Azobenzene	10.633	77	55411	5.497	ng		99
66) n-Nitrosodiphenylamine	10.586	169	56325	5.506	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	19033	5.426	ng		98
68) Hexachlorobenzene	11.028	284	21366	5.334	ng		99
69) Atrazine	11.110	200	14687	4.829	ng		98
71) Phenanthrene	11.445	178	92359	5.445	ng		99
72) Anthracene	11.498	178	95380	5.431	ng		98
73) Carbazole	11.651	167	79530	5.098	ng		99
74) Di-n-butylphthalate	11.980	149	87576	5.304	ng		99
75) Fluoranthene	12.639	202	93843	5.689	ng		99
78) Pyrene	12.869	202	96970	5.961	ng		98
80) Butylbenzylphthalate	13.480	149	20945	4.216	ng		98
81) Benzo(a)anthracene	14.057	228	65823	5.230	ng		99
83) Chrysene	14.092	228	62493	5.295	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	29677	5.009	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	49157	5.039	ng		99
88) Benzo(b)fluoranthene	15.121	252	42934	5.237	ng		99
89) Benzo(k)fluoranthene	15.151	252	42264	5.573	ng		98
90) Benzo(a)pyrene	15.498	252	39797	5.197	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	38778	4.912	ng		98
92) Benzo(g,h,i)perylene	17.527	276	41059	5.047	ng		99

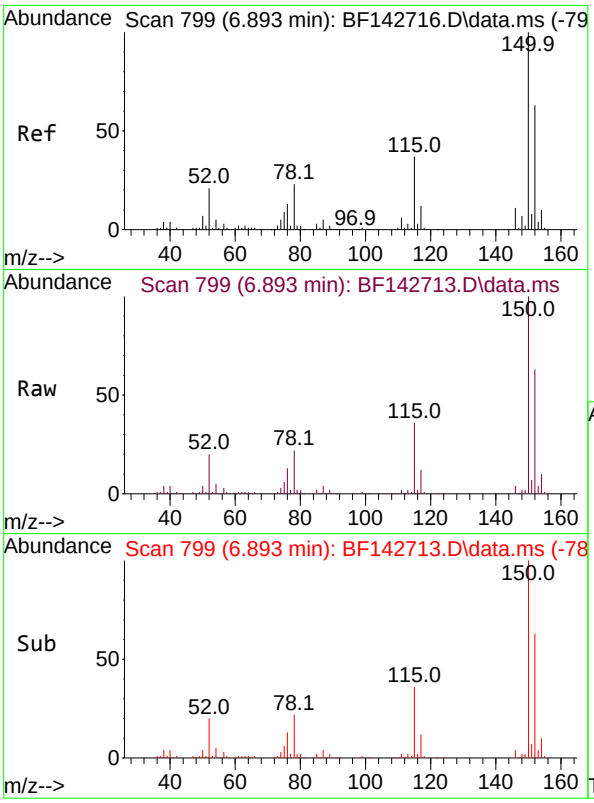
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



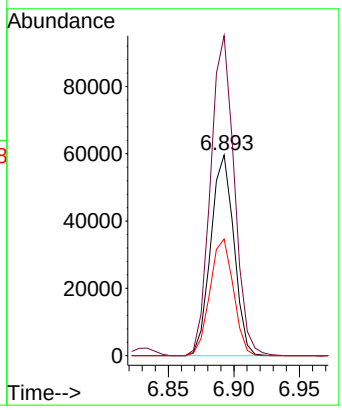


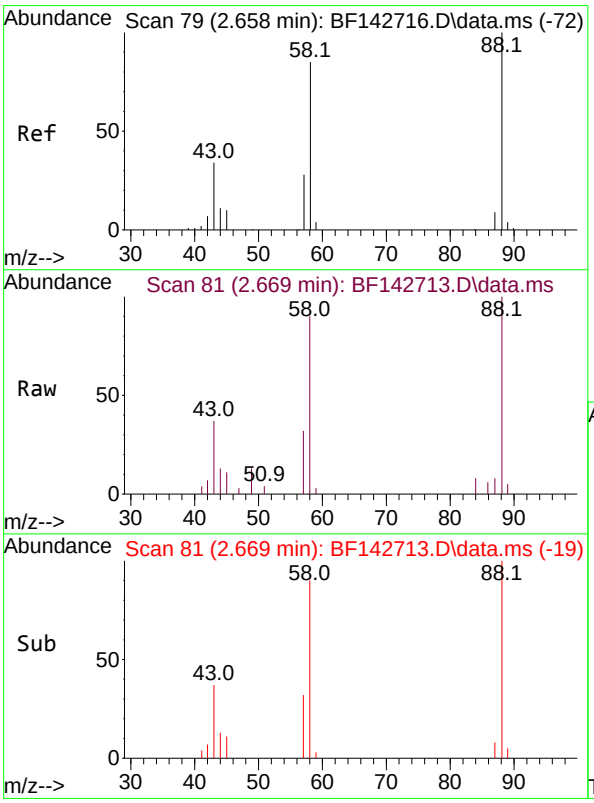
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 73153

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.9	190.3
115	58.1	47.0	70.6

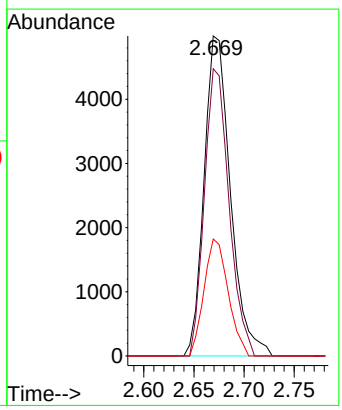


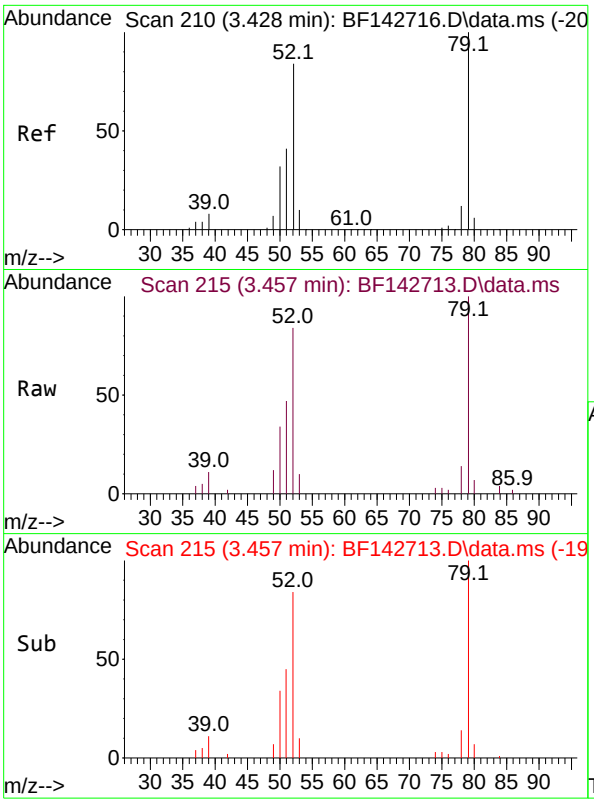


#2
1,4-Dioxane
Concen: 5.514 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 88 Resp: 9117

Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.4	102.6
43	33.4	27.0	40.6



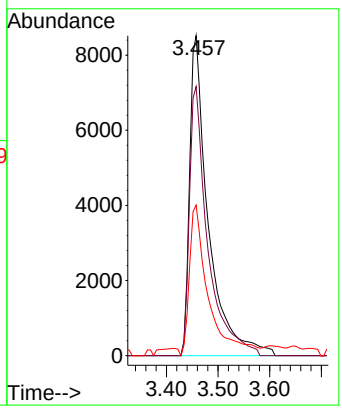


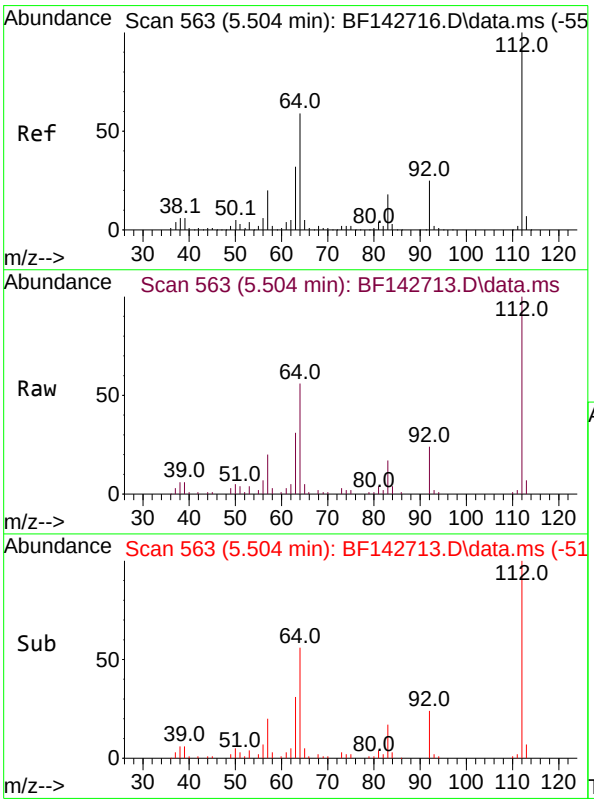
#3
Pyridine
Concen: 5.033 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 21429

Ion	Ratio	Lower	Upper
79	100		
52	84.1	67.1	100.7
51	47.0	32.6	48.8

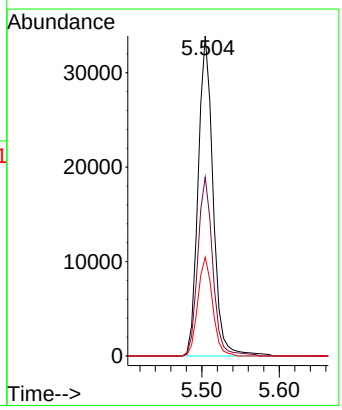


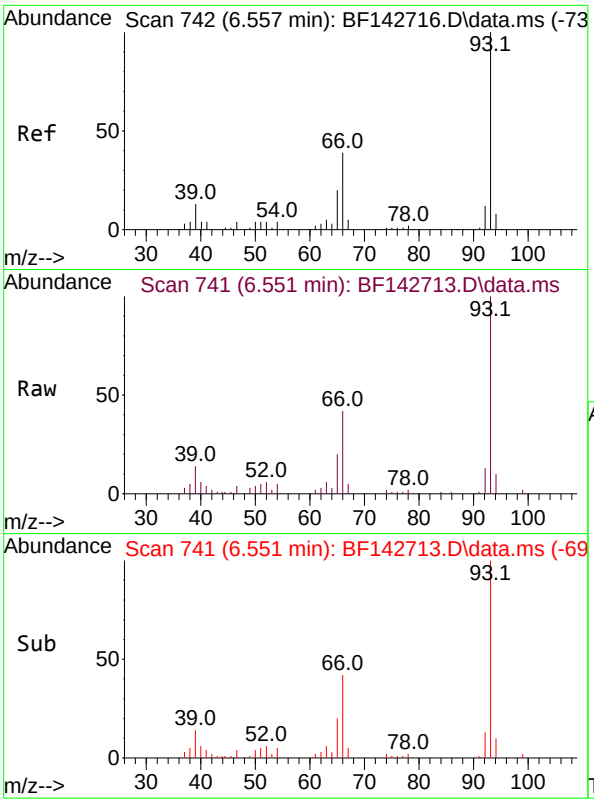


#5
2-Fluorophenol
Concen: 10.485 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:112 Resp: 45267

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	30.8	25.4	38.0



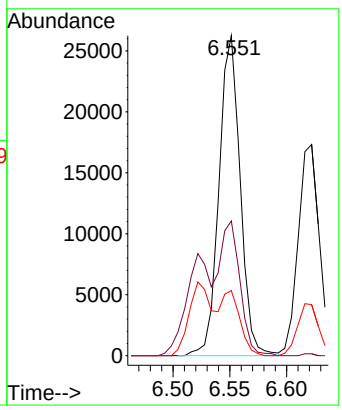


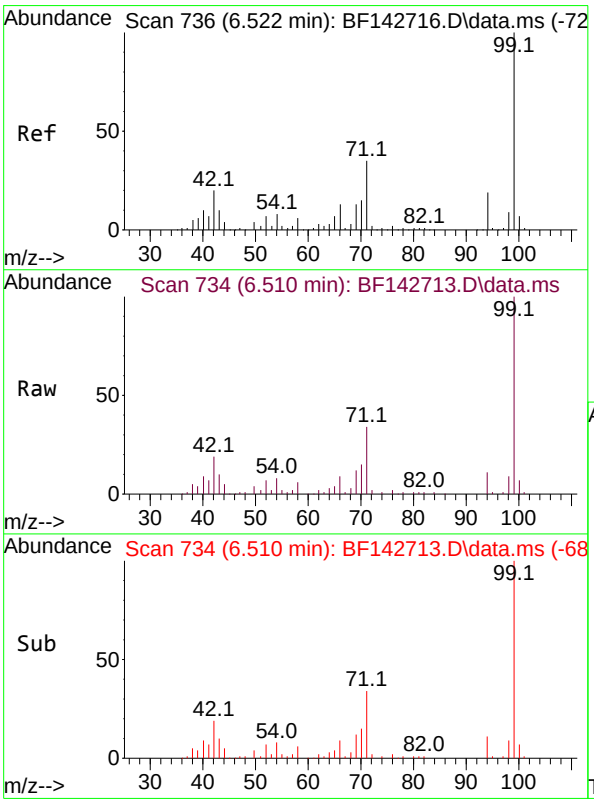
#6
Aniline
Concen: 5.033 ng
RT: 6.551 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 34126

Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.0	48.0
65	20.3	16.1	24.1

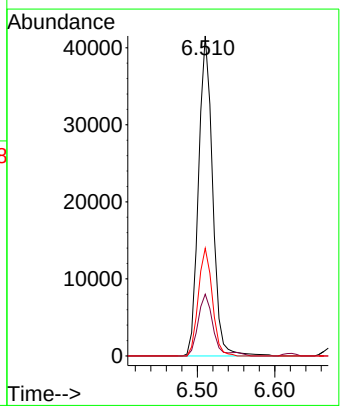


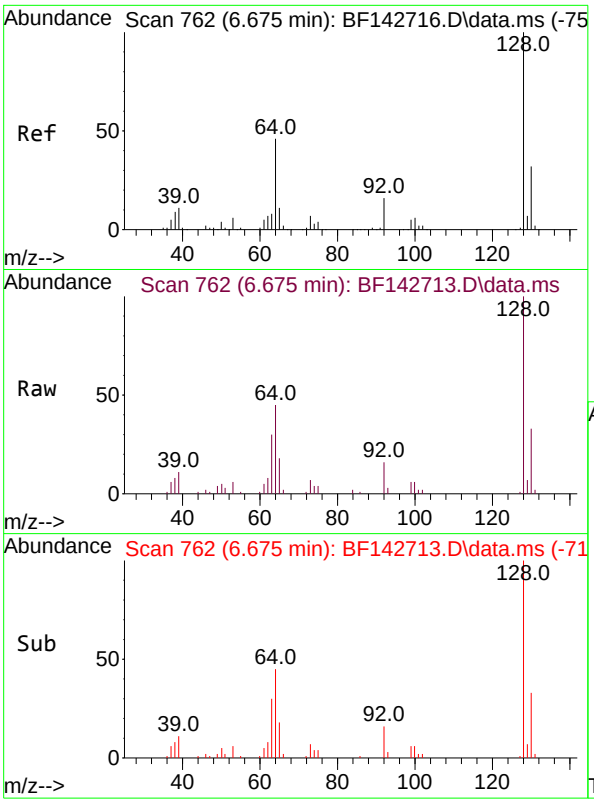


#7
Phenol-d6
Concen: 10.388 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 99 Resp: 52444

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	33.6	28.0	42.0



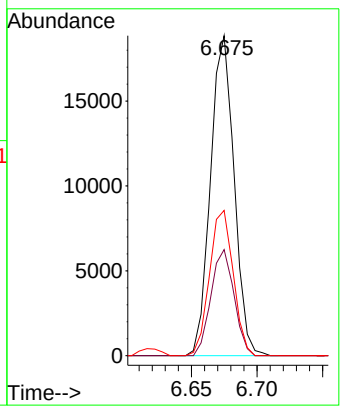


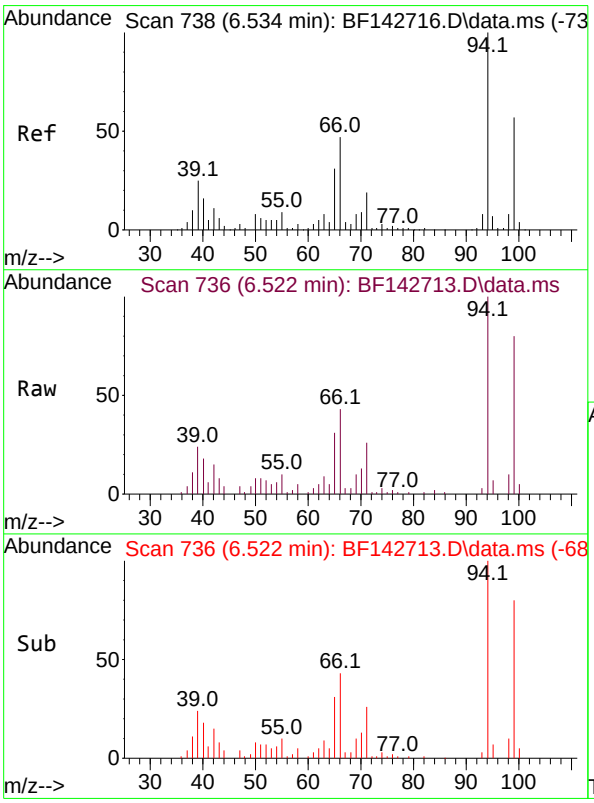
#8
2-Chlorophenol
Concen: 4.989 ng
RT: 6.675 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 23551

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.4	52.4
64	45.4	26.5	66.5

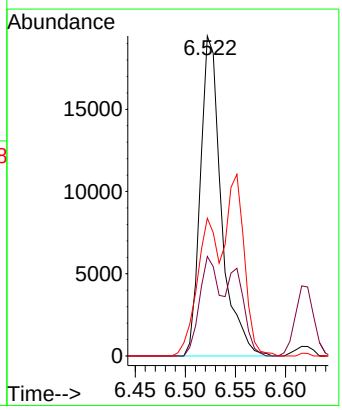


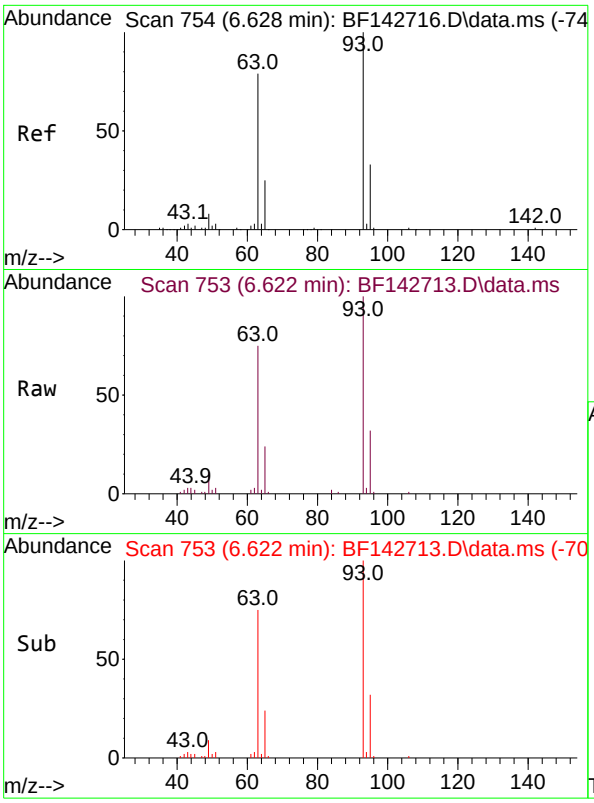


#10
Phenol
Concen: 5.028 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 94 Resp: 28350

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.4	51.4
66	43.0	26.7	66.7



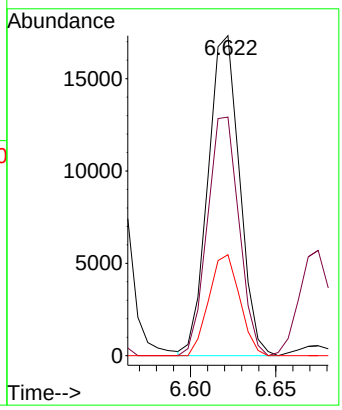


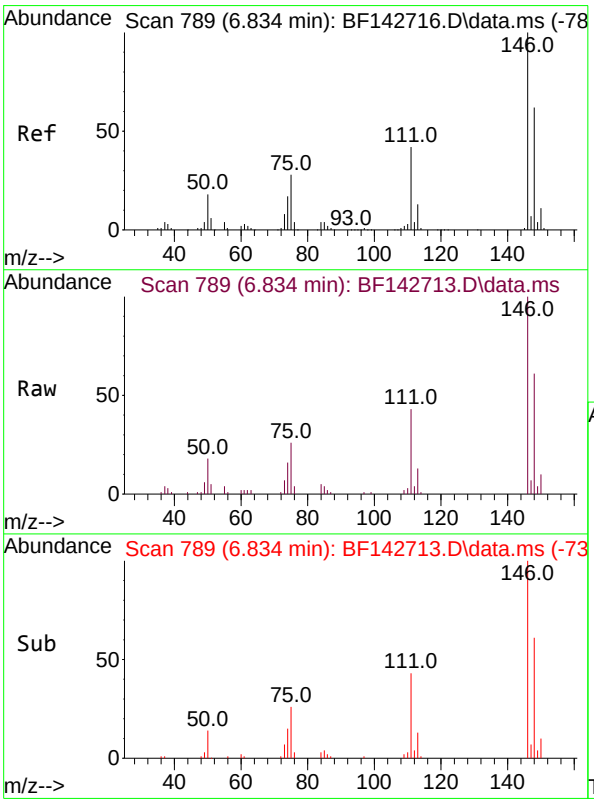
#11
bis(2-Chloroethyl)ether
Concen: 5.410 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 22343

Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.3	98.3
95	31.6	13.1	53.1

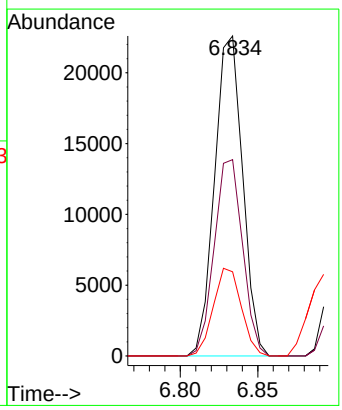


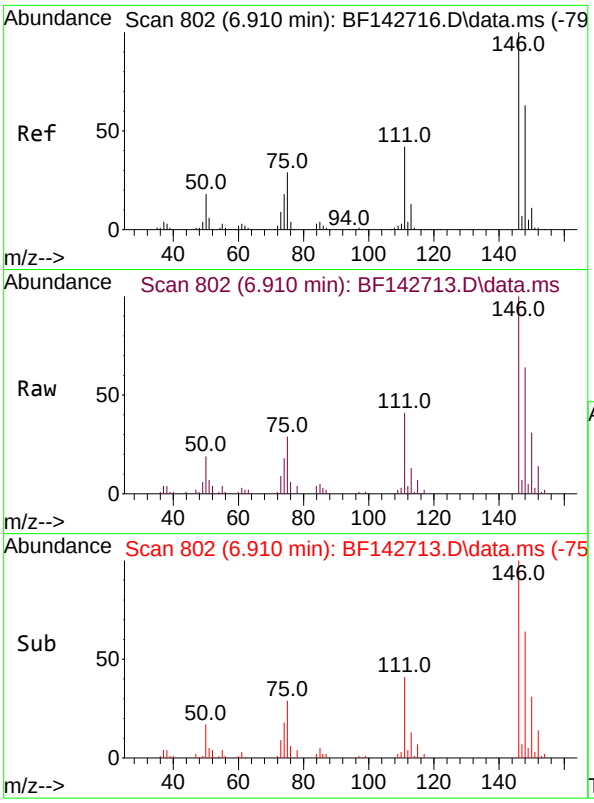


#12
1,3-Dichlorobenzene
Concen: 5.388 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:146 Resp: 28472

Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.9	74.9
75	26.3	22.6	34.0



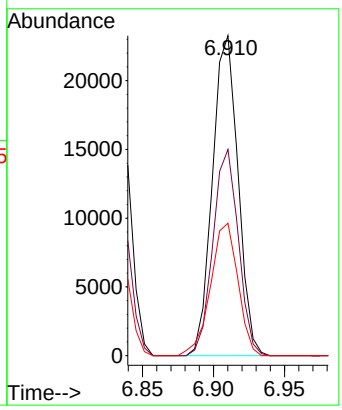


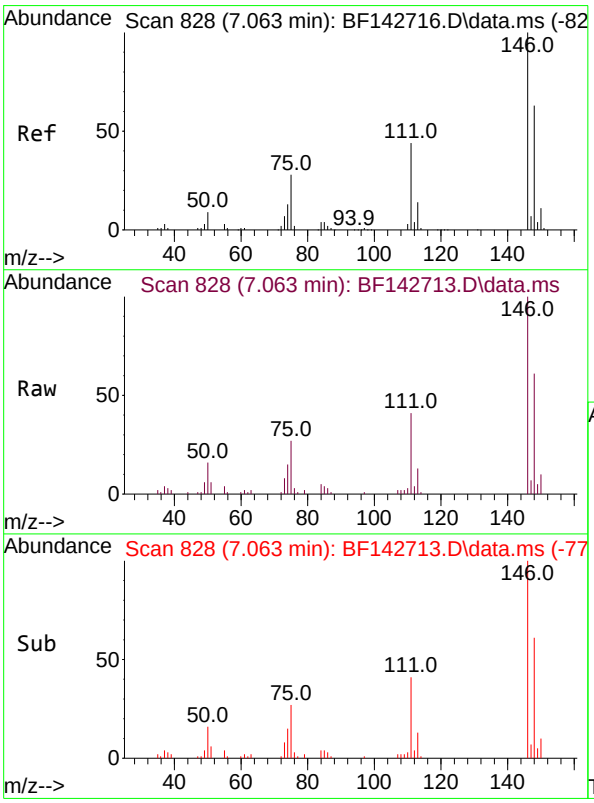
#13
1,4-Dichlorobenzene
Concen: 5.422 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 29191

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	41.4	33.6	50.4

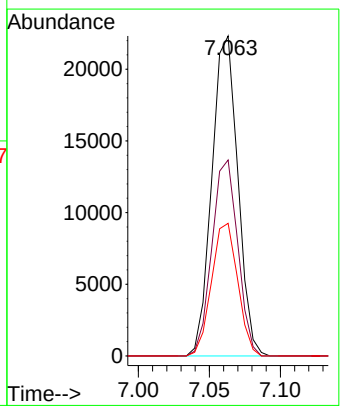


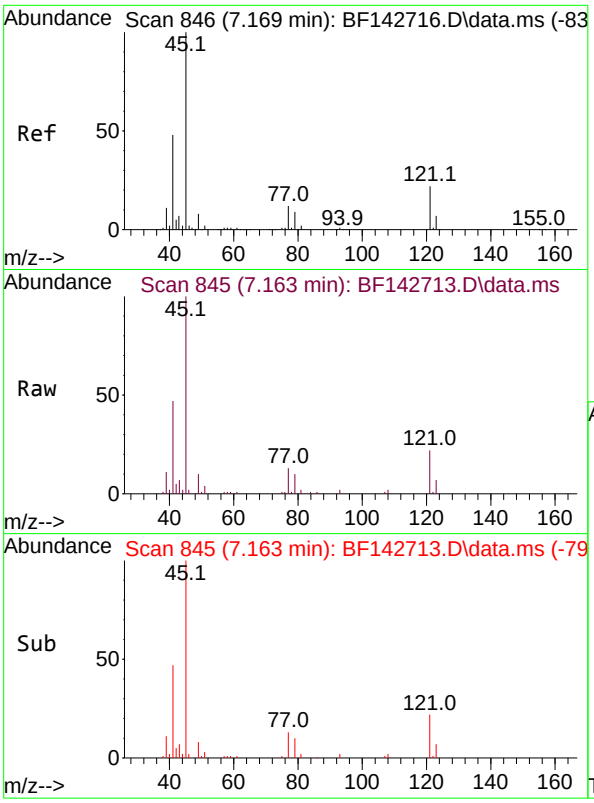


#14
1,2-Dichlorobenzene
Concen: 5.535 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:146 Resp: 28413

Ion	Ratio	Lower	Upper
146	100		
148	61.2	50.4	75.6
111	41.5	35.2	52.8



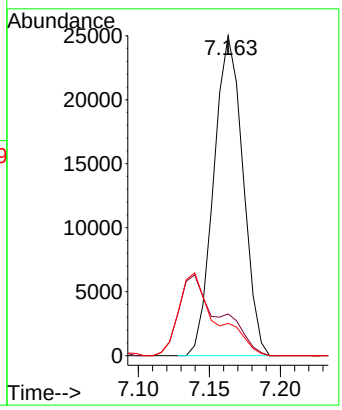


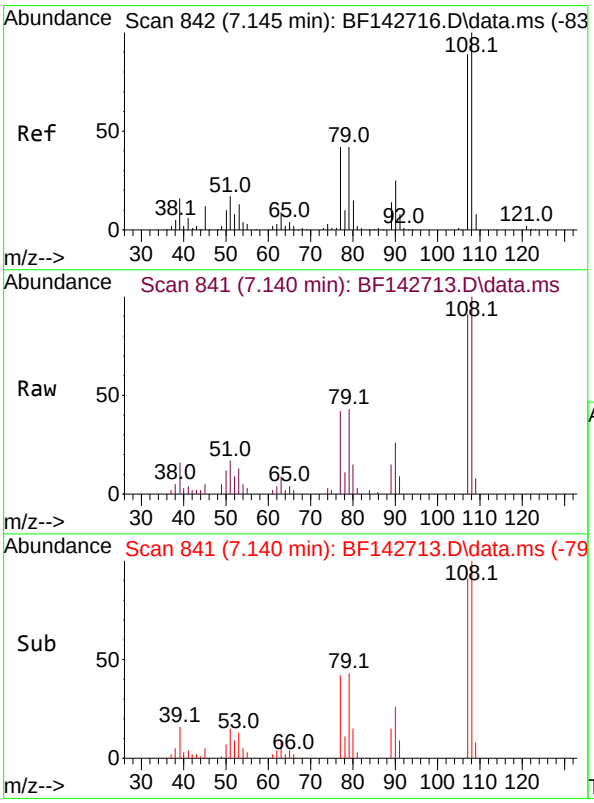
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.355 ng
RT: 7.163 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 35792

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.1
79	10.1	0.0	30.5

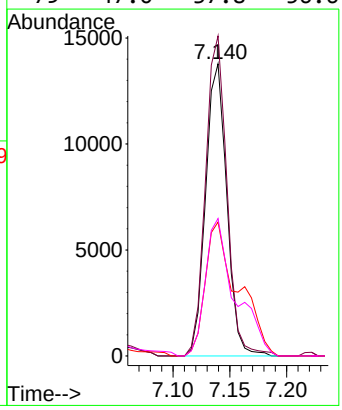


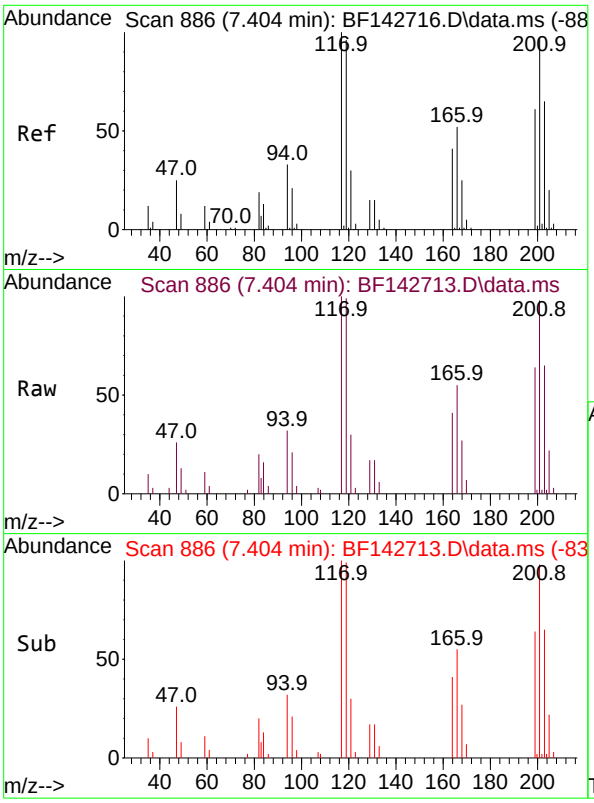


#17
2-Methylphenol
Concen: 4.966 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:107 Resp: 17889

Ion	Ratio	Lower	Upper
107	100		
108	109.5	90.0	135.0
77	45.8	38.2	57.2
79	47.0	37.8	56.6



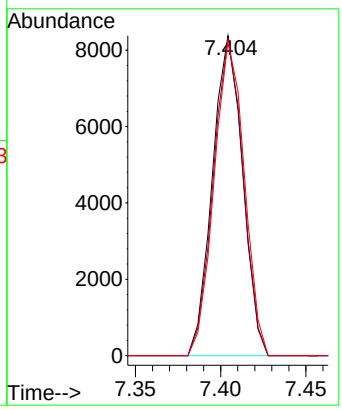


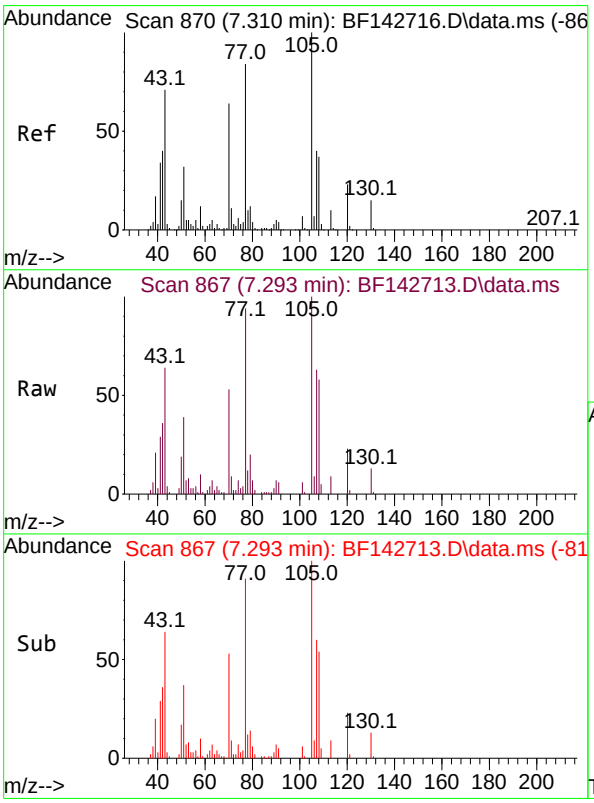
#18
Hexachloroethane
Concen: 5.503 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 10275

Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.4	114.6
201	98.3	77.8	116.6

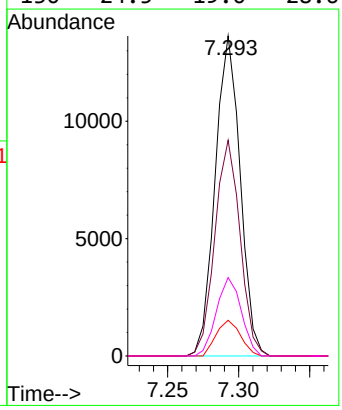


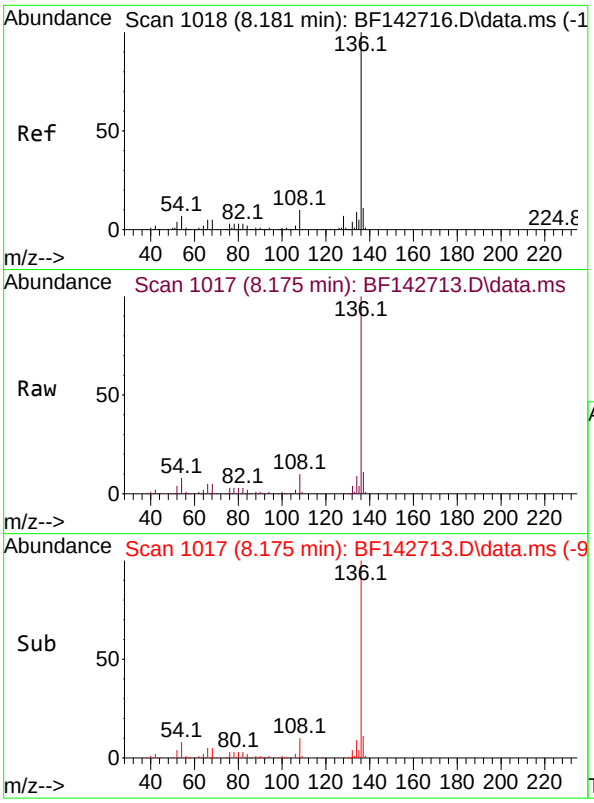


#19
n-Nitroso-di-n-propylamine
Concen: 5.585 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 70 Resp: 16677

Ion	Ratio	Lower	Upper
70	100		
42	67.4	50.2	75.4
101	11.2	8.3	12.5
130	24.5	19.0	28.6



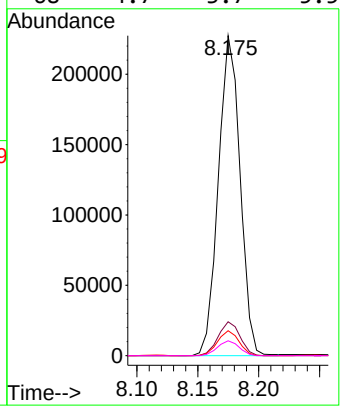


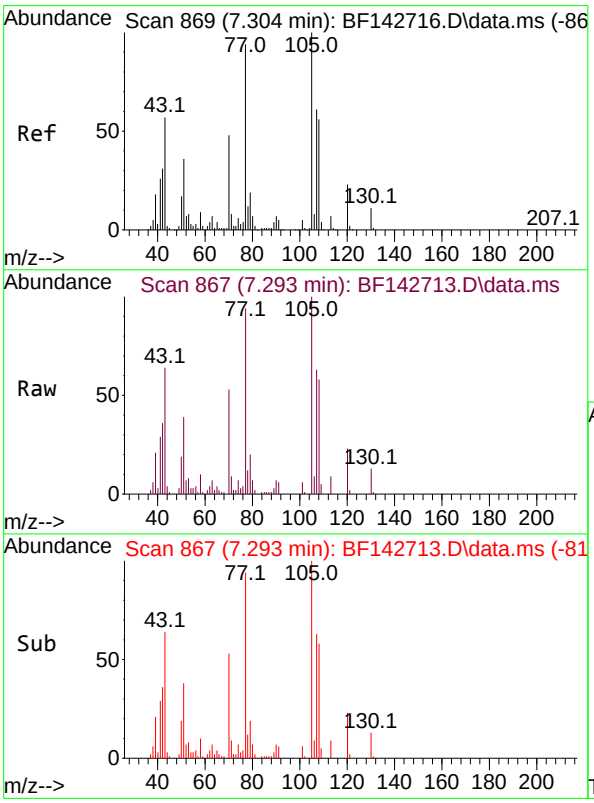
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 282660

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.8	5.9	8.9
68	4.7	3.7	5.5

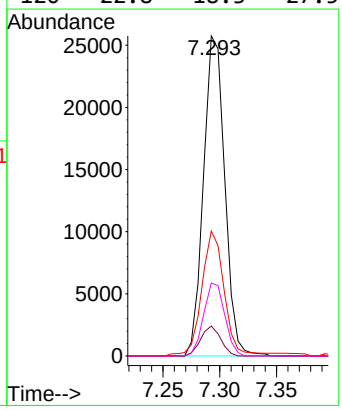


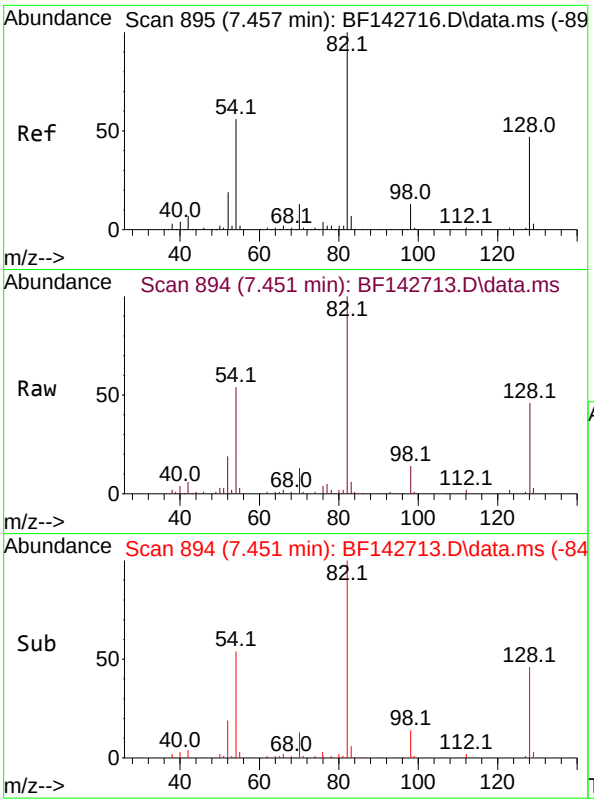


#22
Acetophenone
Concen: 5.425 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:105 Resp: 33539

Ion	Ratio	Lower	Upper
105	100		
71	9.3	6.4	9.6
51	39.0	29.1	43.7
120	22.8	18.3	27.5



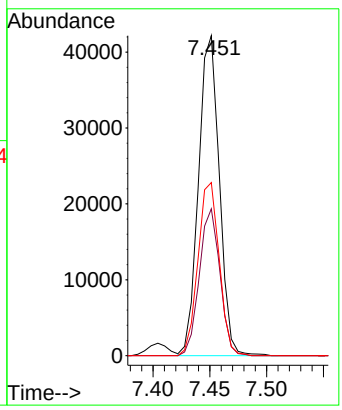


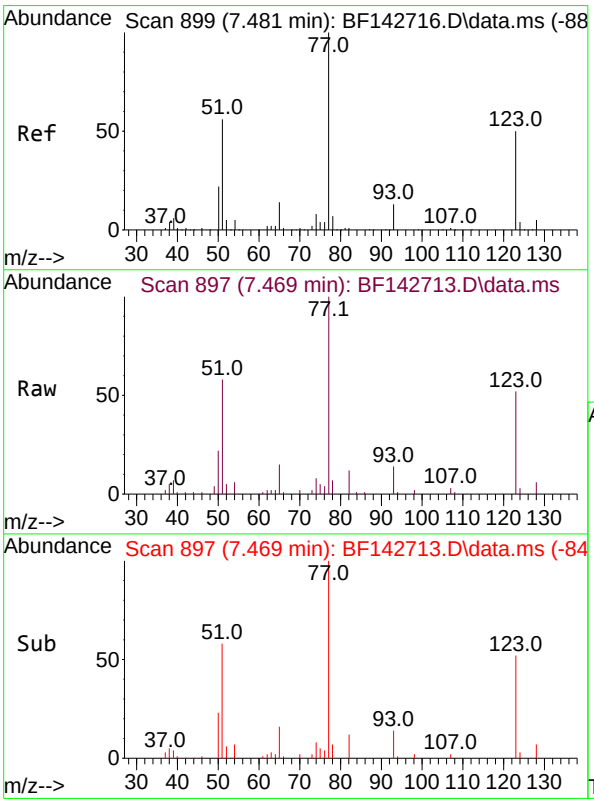
#23
Nitrobenzene-d5
Concen: 10.444 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 53819

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	54.1	44.9	67.3

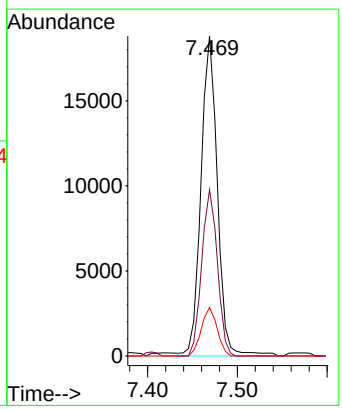


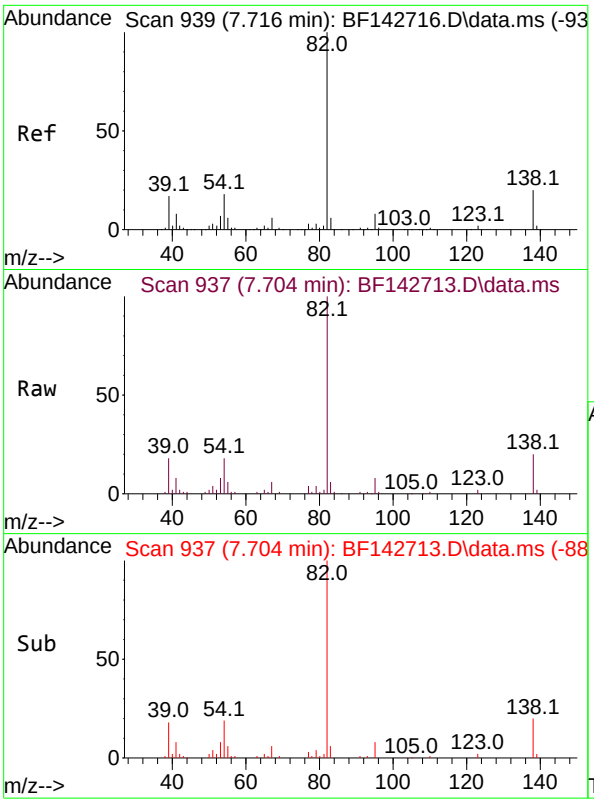


#24
Nitrobenzene
Concen: 5.151 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 77 Resp: 23879

Ion	Ratio	Lower	Upper
77	100		
123	51.9	40.8	61.2
65	15.1	11.5	17.3



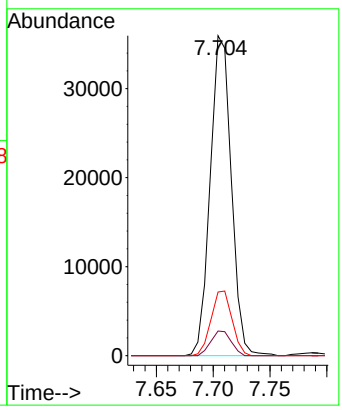


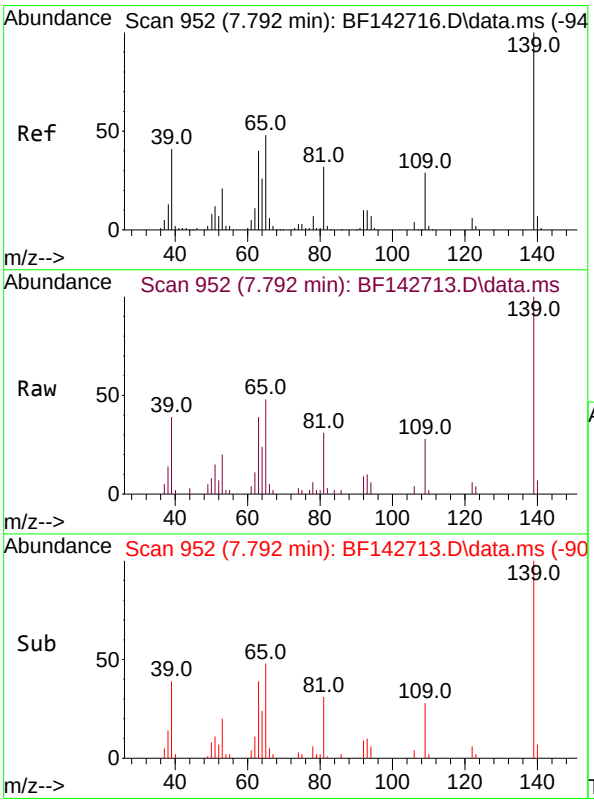
#25
Isophorone
Concen: 5.508 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 46450

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	19.9	15.8	23.6

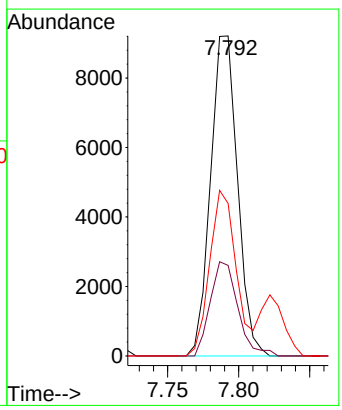


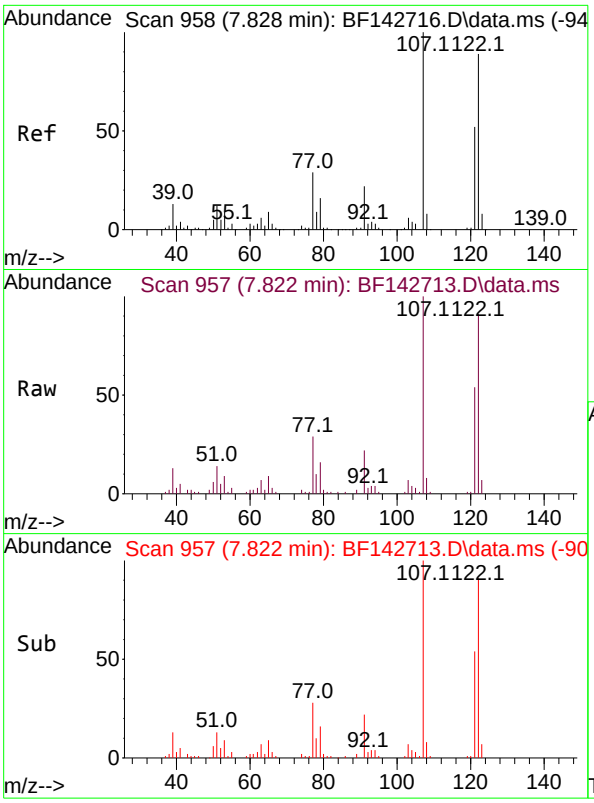


#26
2-Nitrophenol
Concen: 4.757 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:139 Resp: 12154

Ion	Ratio	Lower	Upper
139	100		
109	28.3	23.4	35.2
65	47.7	38.7	58.1



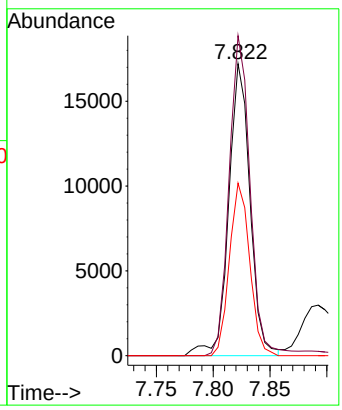


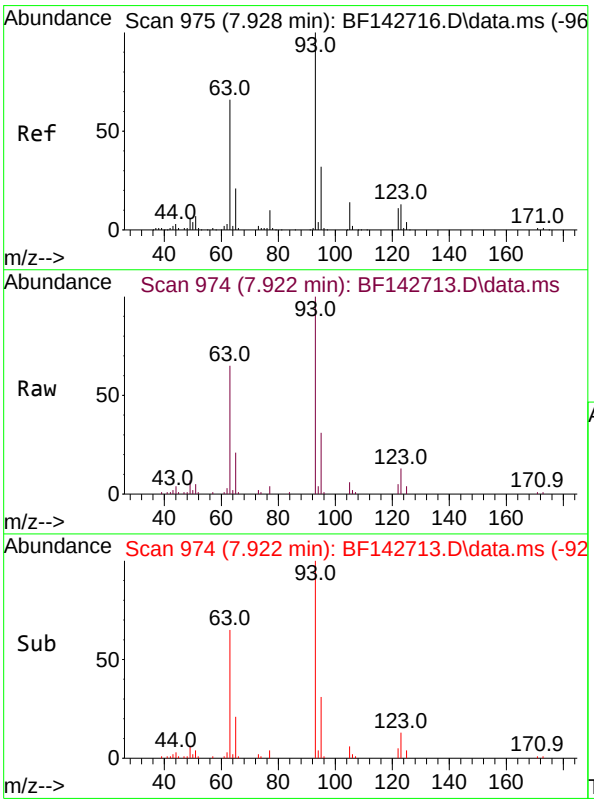
#27
2,4-Dimethylphenol
Concen: 5.154 ng
RT: 7.822 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 22460

Ion	Ratio	Lower	Upper
122	100		
107	109.6	90.4	135.6
121	59.1	46.9	70.3

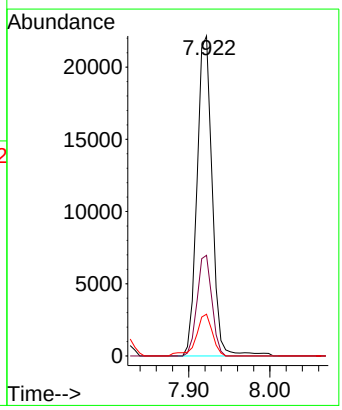


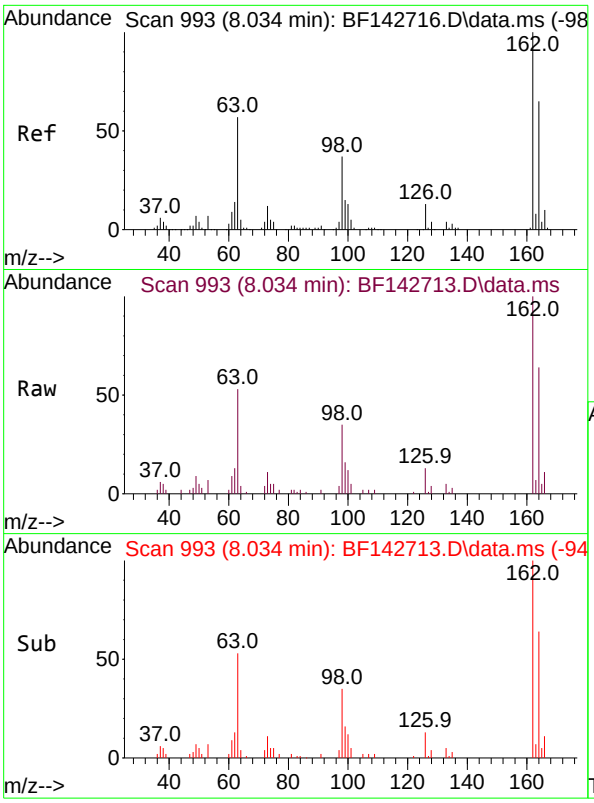


#28
bis(2-Chloroethoxy)methane
Concen: 5.495 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 93 Resp: 28801

Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.9	38.9
123	13.0	10.3	15.5



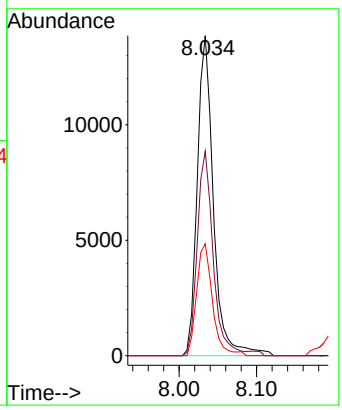


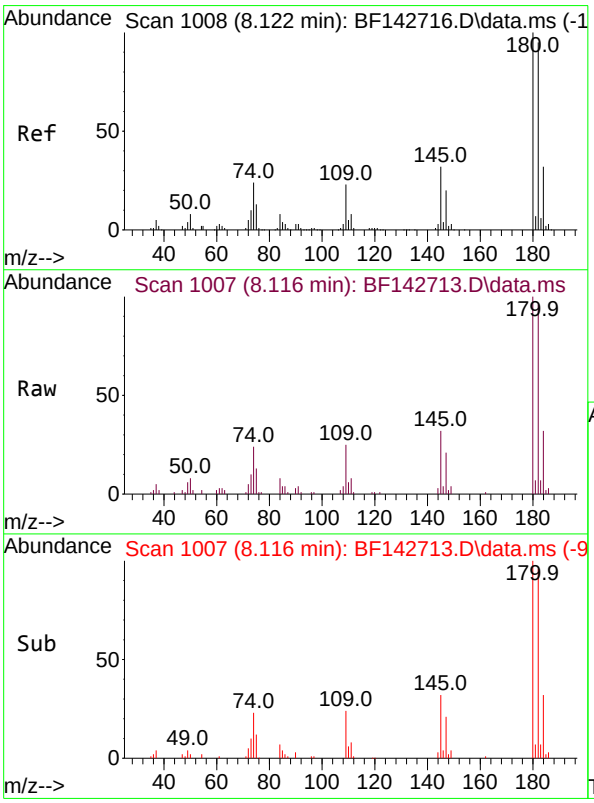
#29
2,4-Dichlorophenol
Concen: 5.067 ng
RT: 8.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 20068

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	35.0	16.7	56.7

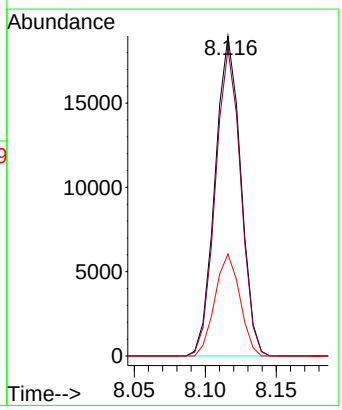


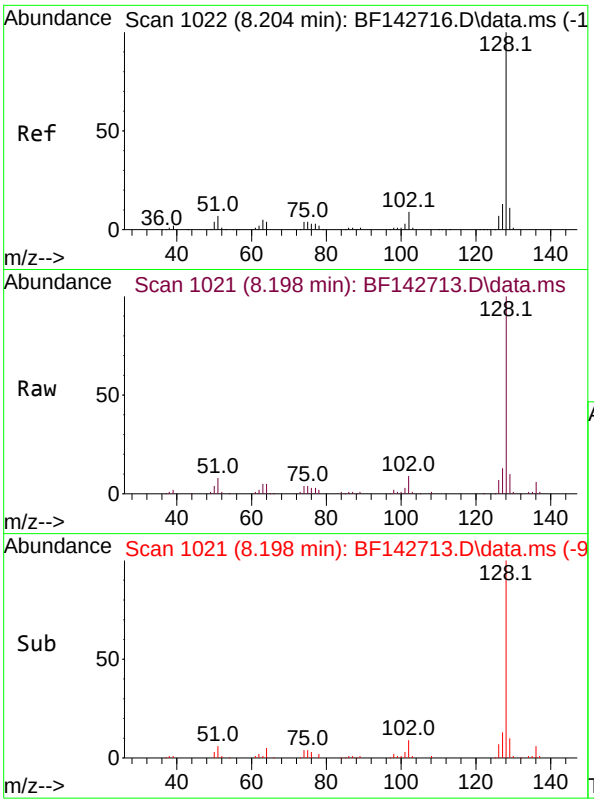


#30
1,2,4-Trichlorobenzene
Concen: 5.446 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:180 Resp: 23782

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.9	113.9
145	31.8	25.7	38.5



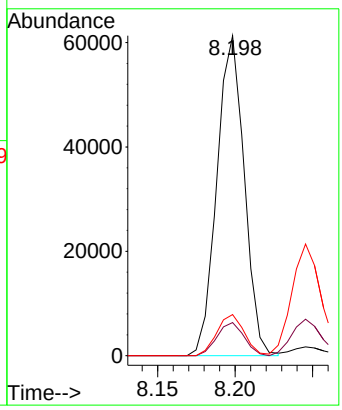


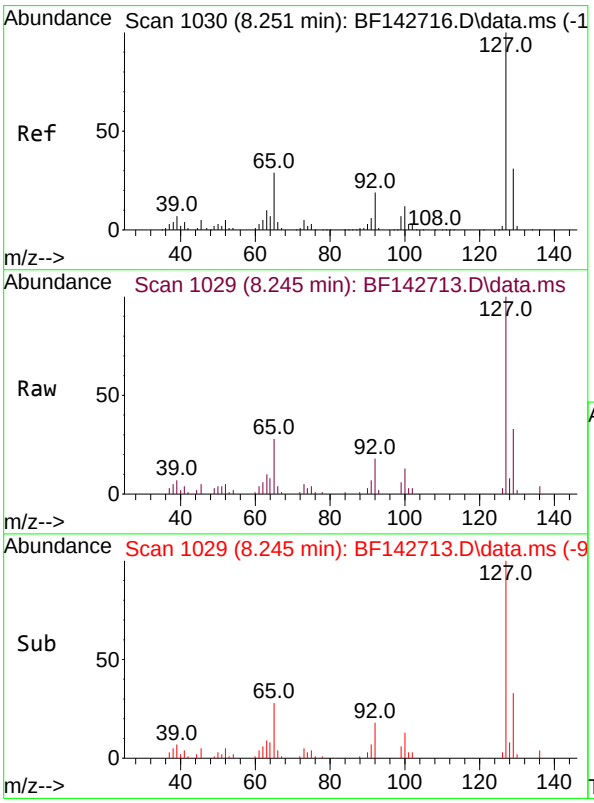
#31
Naphthalene
Concen: 5.400 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 75231

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	12.9	10.4	15.6

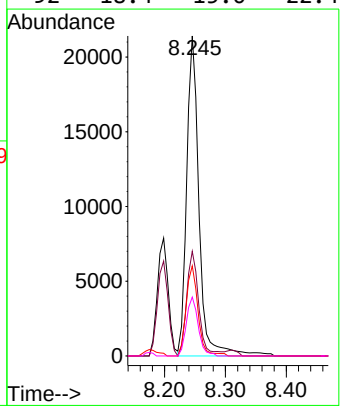


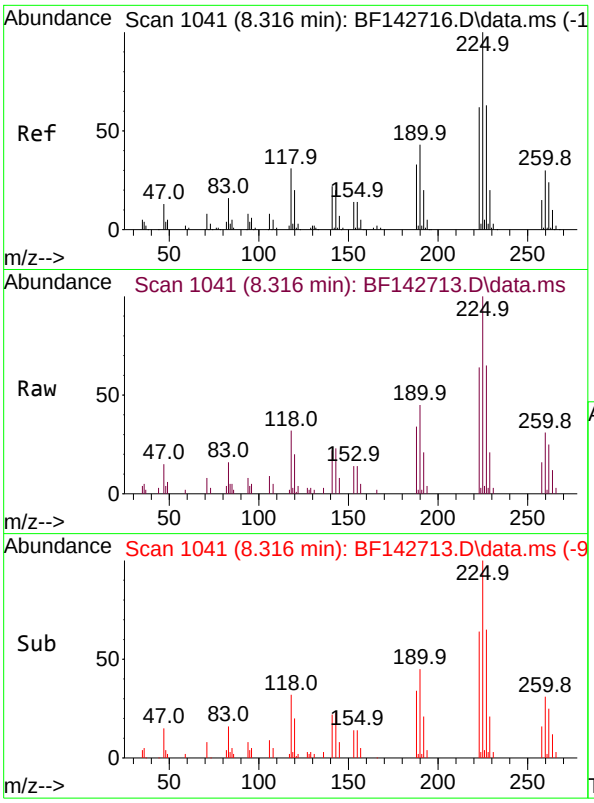


#33
4-Chloroaniline
Concen: 5.302 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:127 Resp: 30308

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	28.1	23.0	34.4
92	18.4	15.0	22.4



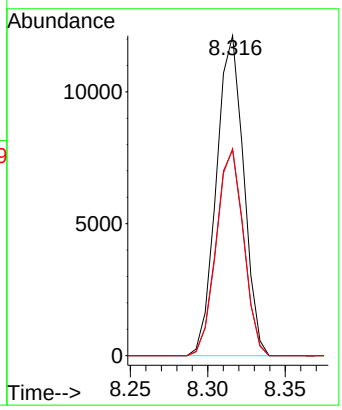


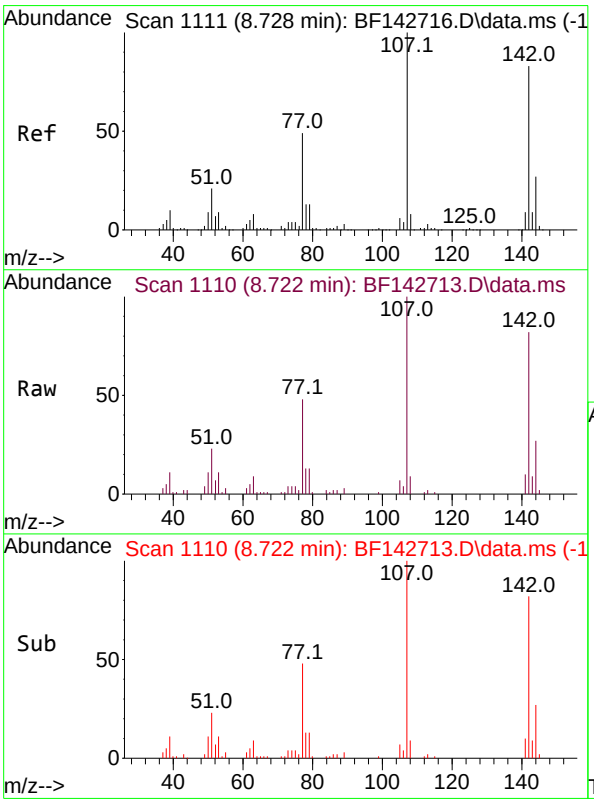
#34
Hexachlorobutadiene
Concen: 5.491 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 14843

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.3	73.9
227	64.7	50.6	75.8

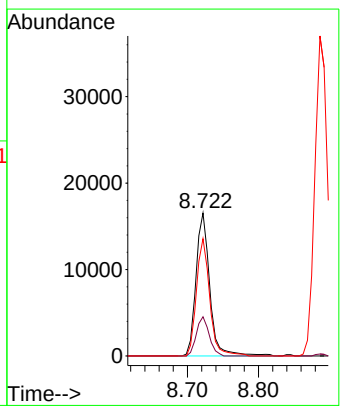


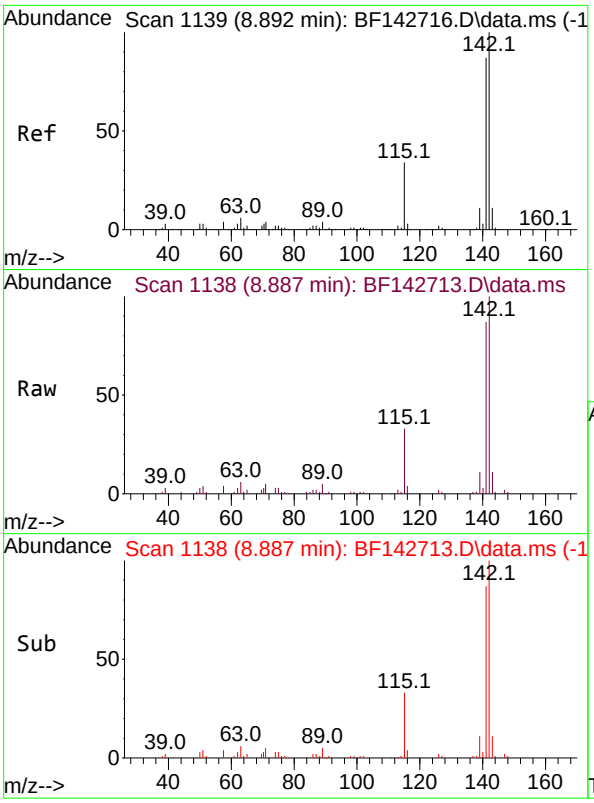


#36
4-Chloro-3-methylphenol
Concen: 5.387 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:107 Resp: 22410

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.3	31.9
142	82.0	66.2	99.2



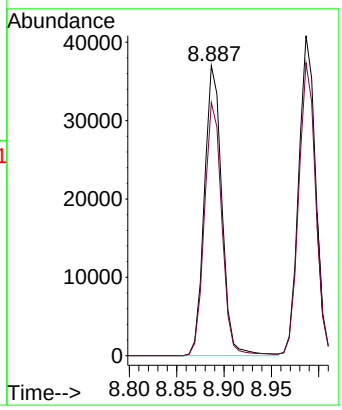


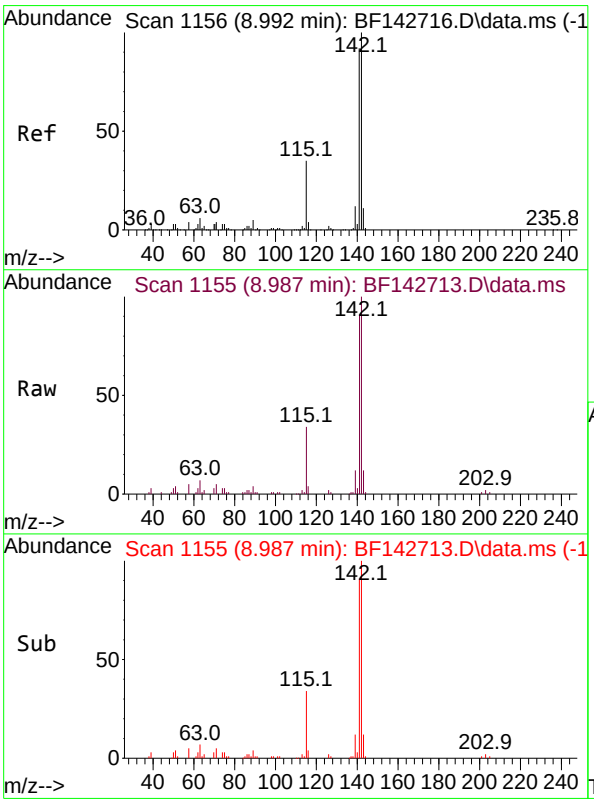
#37
2-Methylnaphthalene
Concen: 5.368 ng
RT: 8.887 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 47648

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

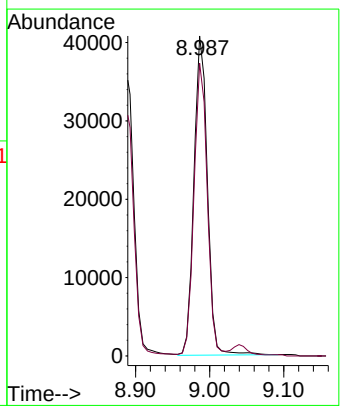


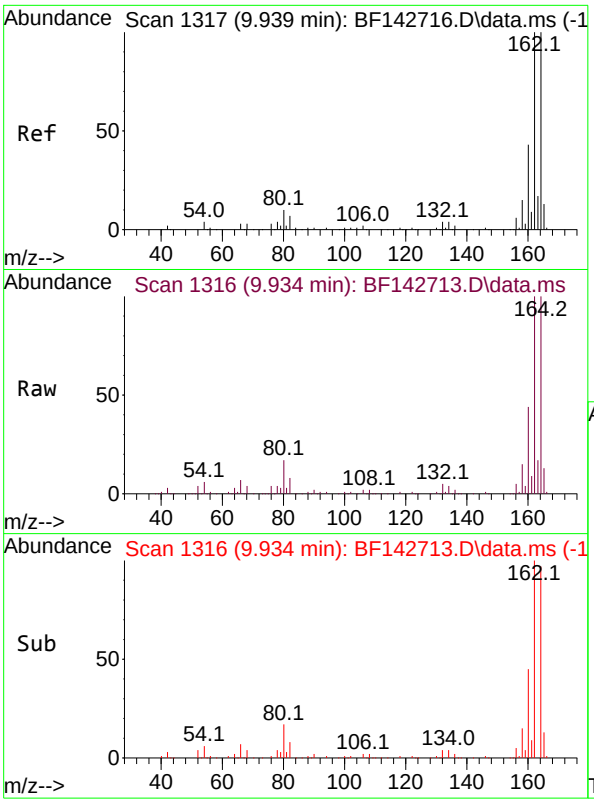


#38
1-Methylnaphthalene
Concen: 5.616 ng
RT: 8.987 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:142 Resp: 51391

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3



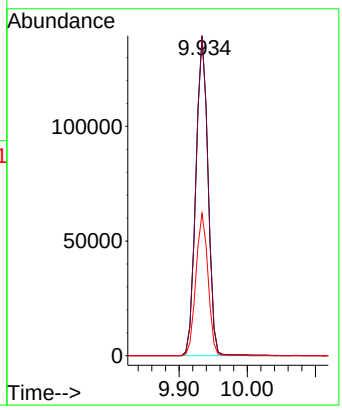


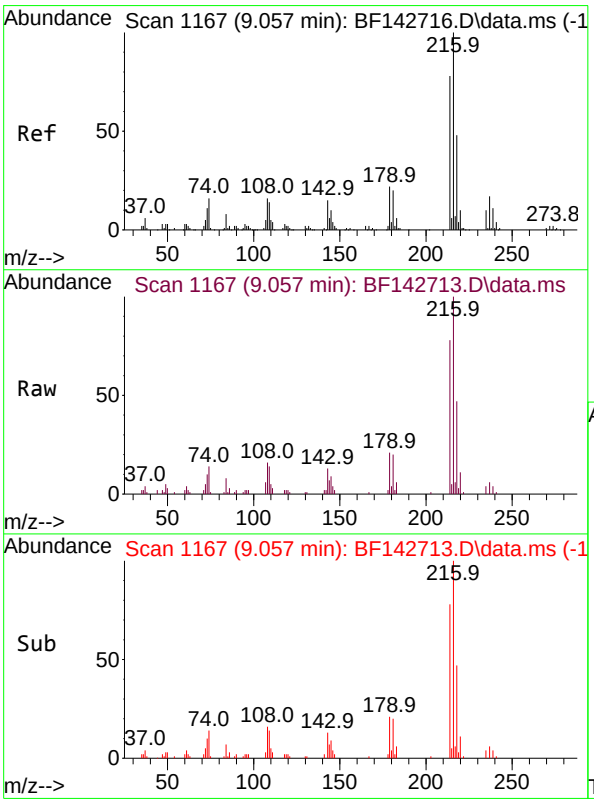
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 171831

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	44.5	34.8	52.2

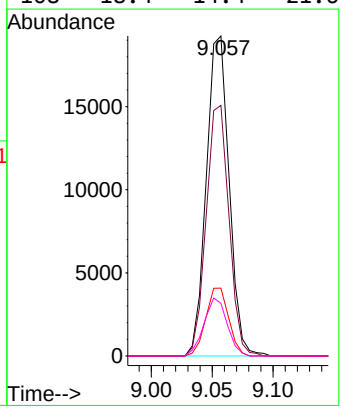


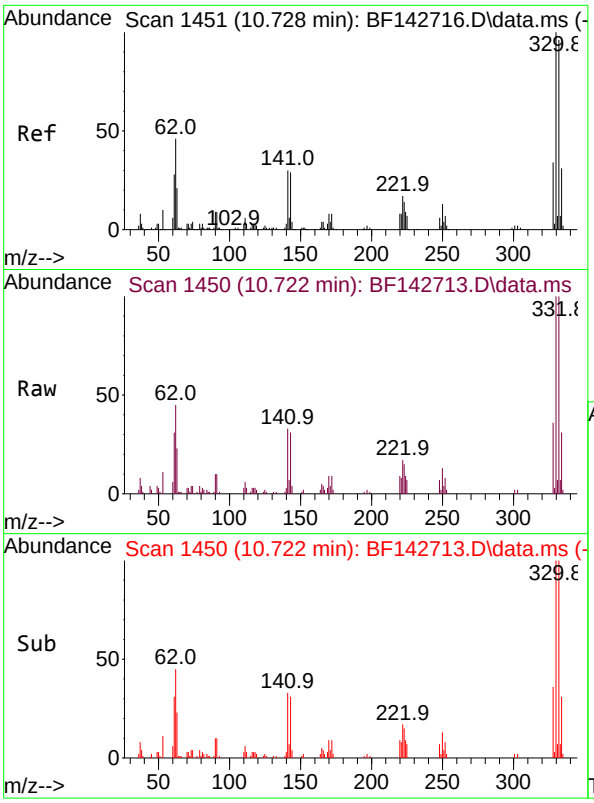


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.027 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:216 Resp: 25124

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	21.3	17.1	25.7
108	18.4	14.4	21.6



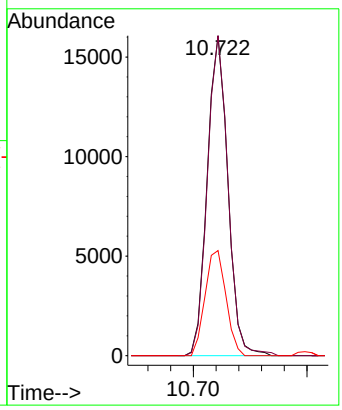


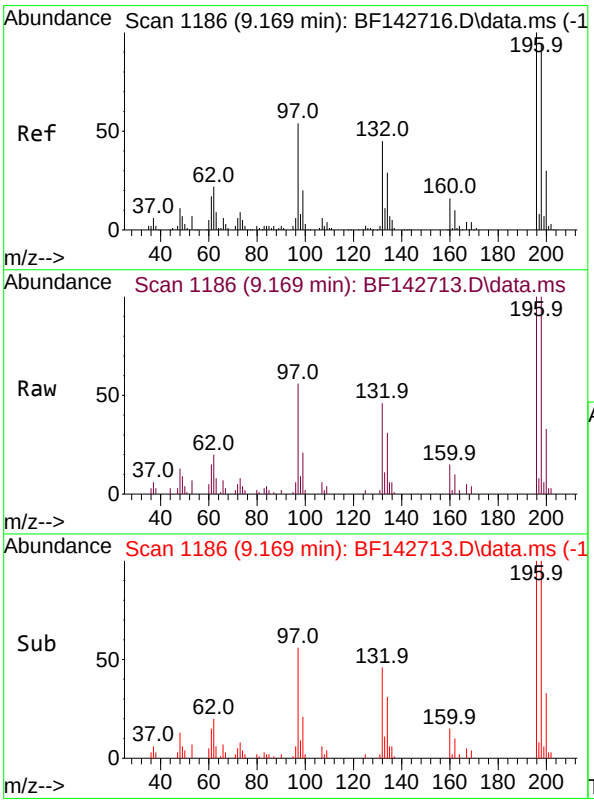
#42
2,4,6-Tribromophenol
Concen: 10.526 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 20258

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	33.3	25.4	38.0

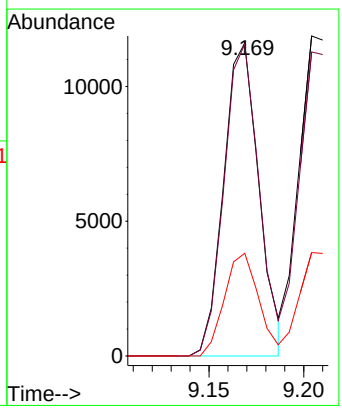


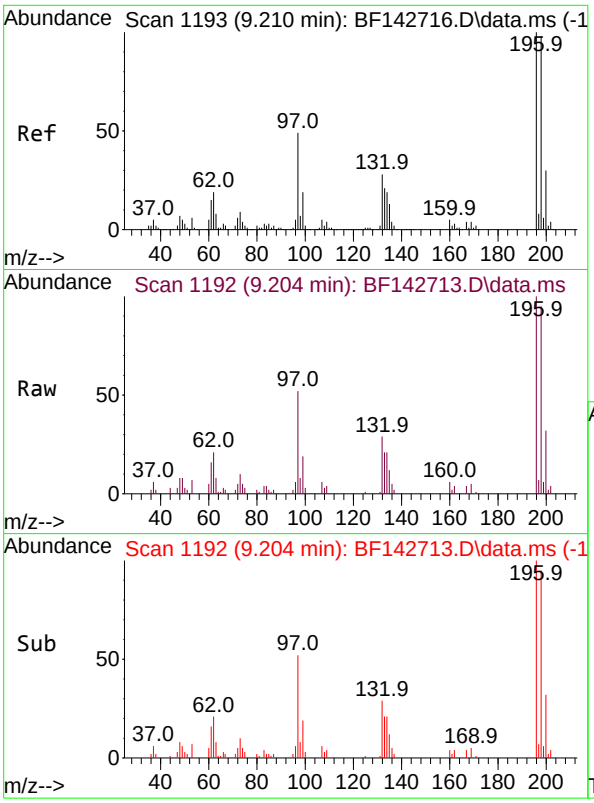


#43
2,4,6-Trichlorophenol
Concen: 4.592 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:196 Resp: 14992

Ion	Ratio	Lower	Upper
196	100		
198	99.7	75.5	113.3
200	32.8	23.8	35.8



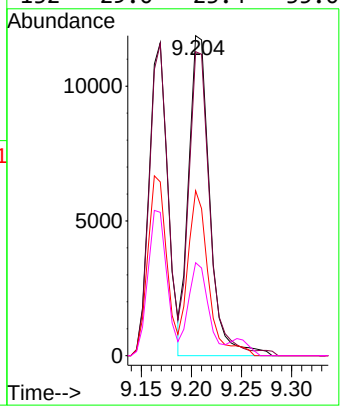


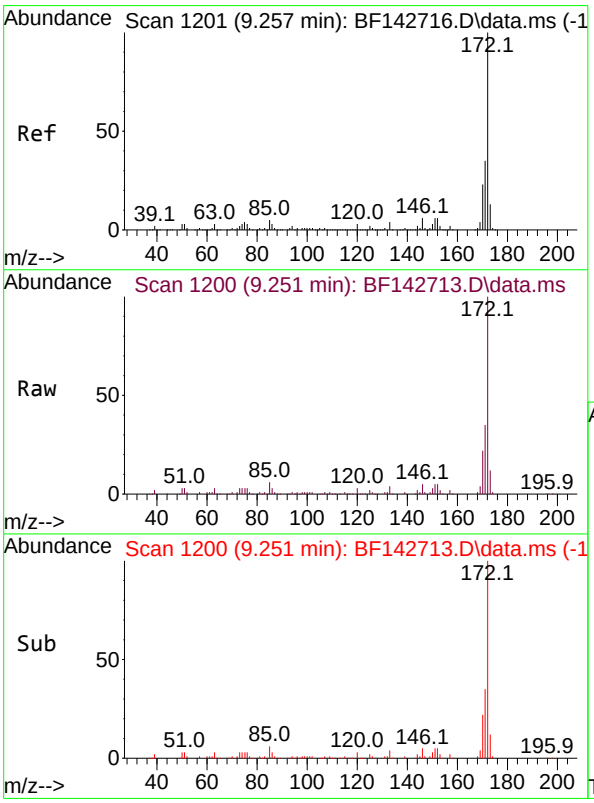
#44
2,4,5-Trichlorophenol
Concen: 4.967 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 17365

Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.2	117.2
97	51.6	38.6	57.8
132	29.0	23.4	35.0

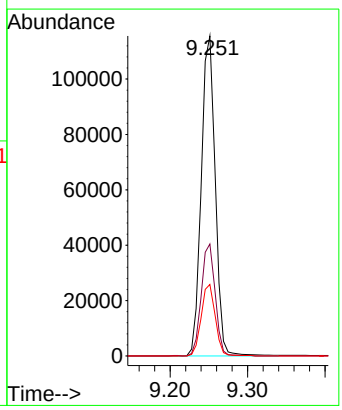


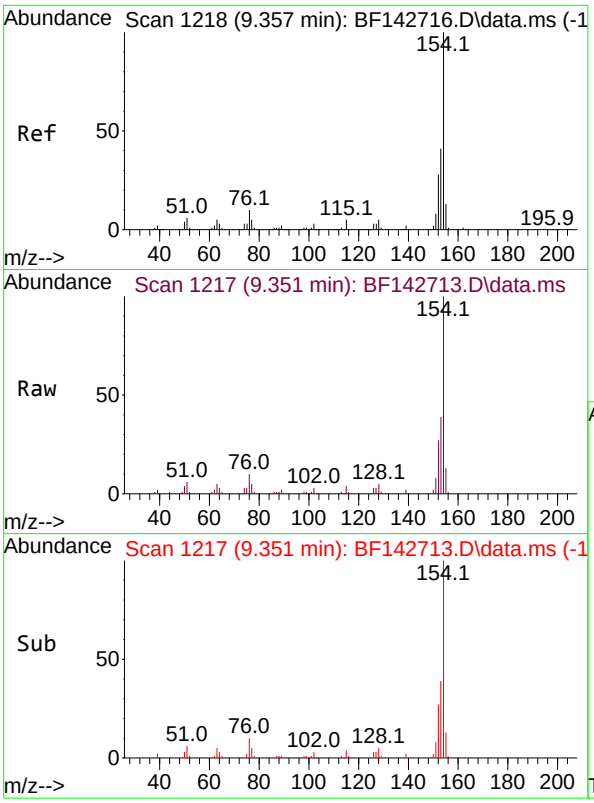


#45
2-Fluorobiphenyl
Concen: 11.472 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:172 Resp: 145166

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	22.4	18.6	27.8



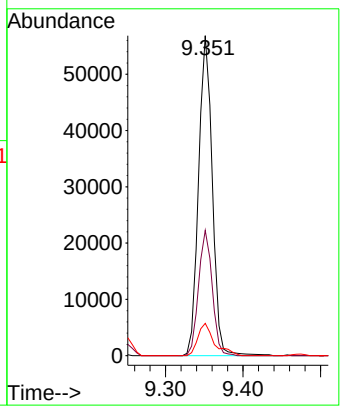


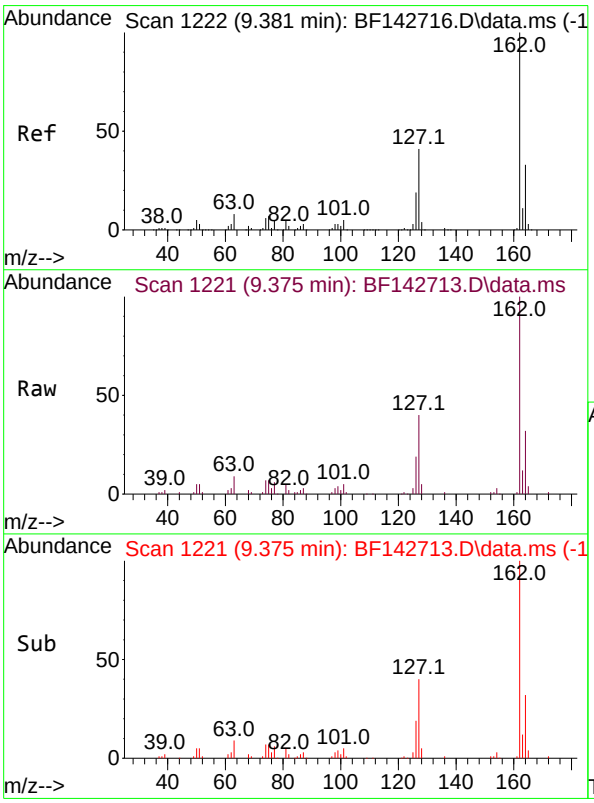
#46
1,1'-Biphenyl
Concen: 5.243 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 70027

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.6	60.6
76	10.1	0.0	30.2

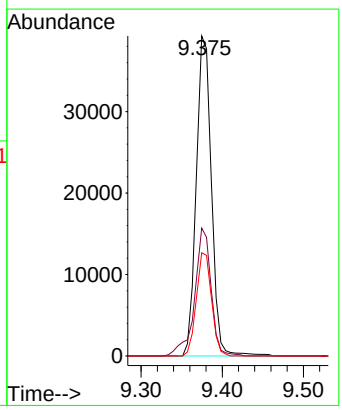


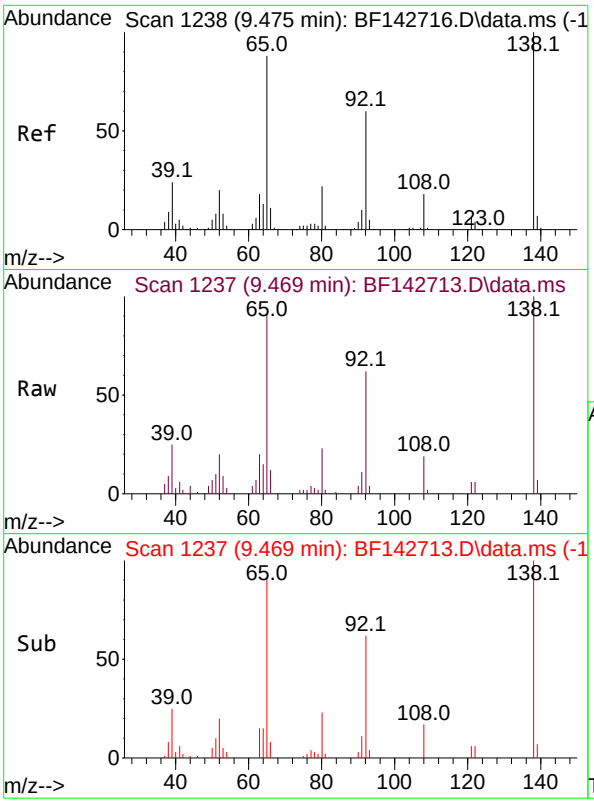


#47
2-Chloronaphthalene
Concen: 5.116 ng
RT: 9.375 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:162 Resp: 51126

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.5	50.3
164	32.3	26.1	39.1



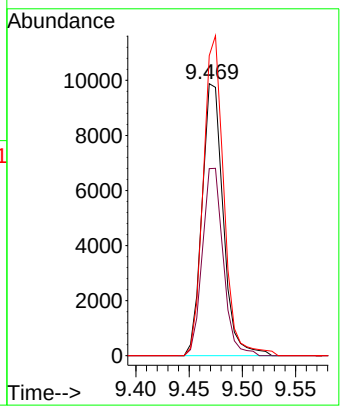


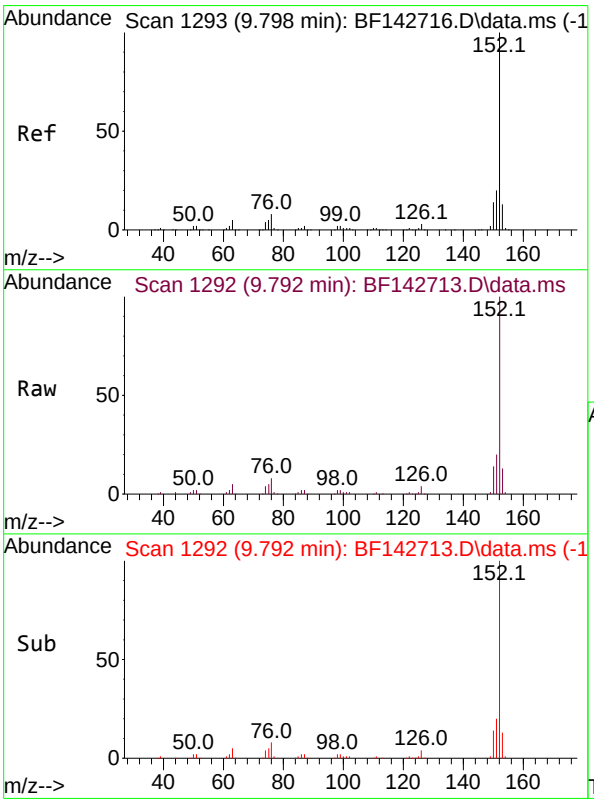
#48
2-Nitroaniline
Concen: 4.657 ng
RT: 9.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 13726

Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.5	81.7
138	110.3	90.6	136.0

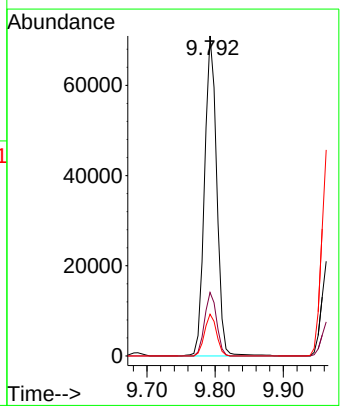


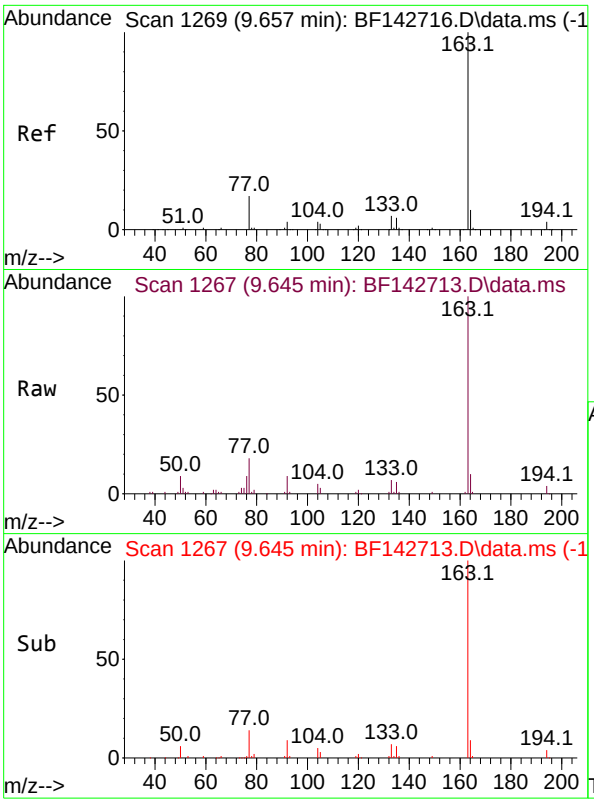


#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.792 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:152 Resp: 88199

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.5	15.7



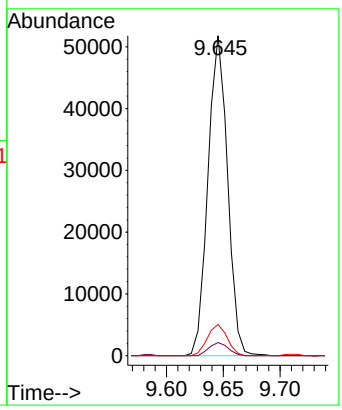


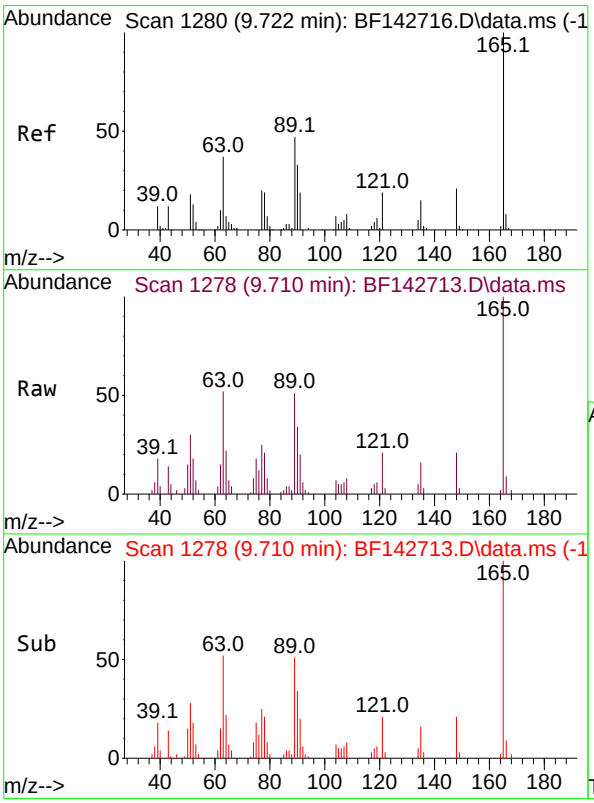
#50
Dimethylphthalate
Concen: 5.367 ng
RT: 9.645 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 62037

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.7	8.0	12.0

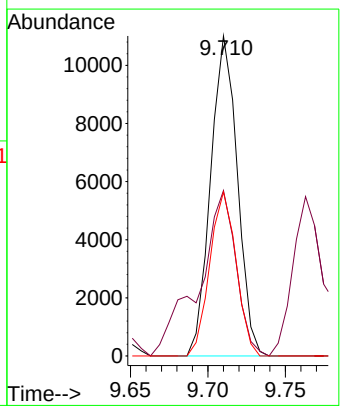


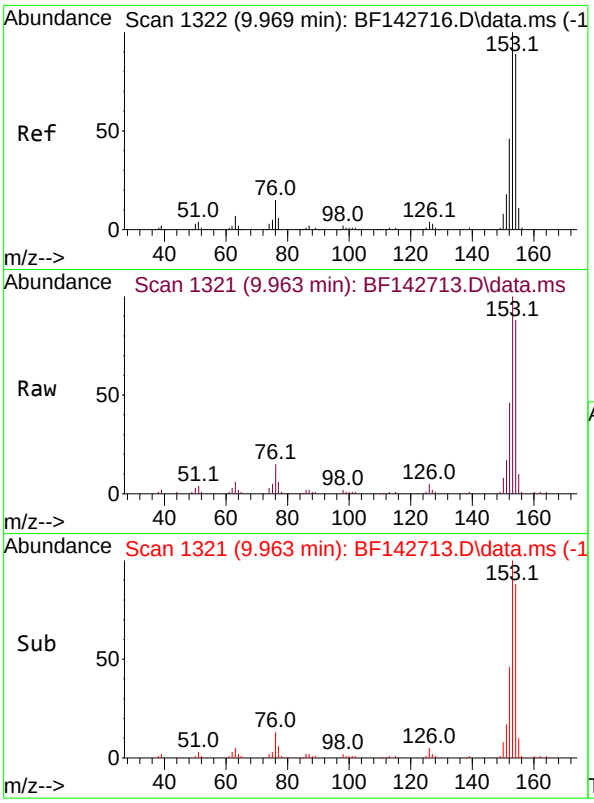


#51
2,6-Dinitrotoluene
Concen: 5.264 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:165 Resp: 13208

Ion	Ratio	Lower	Upper
165	100		
63	51.7	40.6	60.8
89	51.2	37.6	56.4



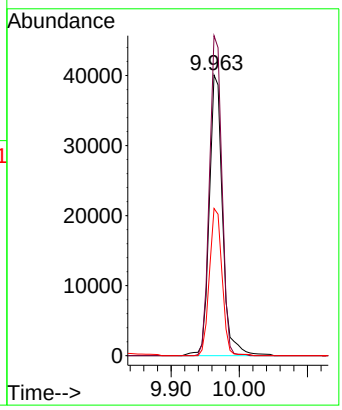


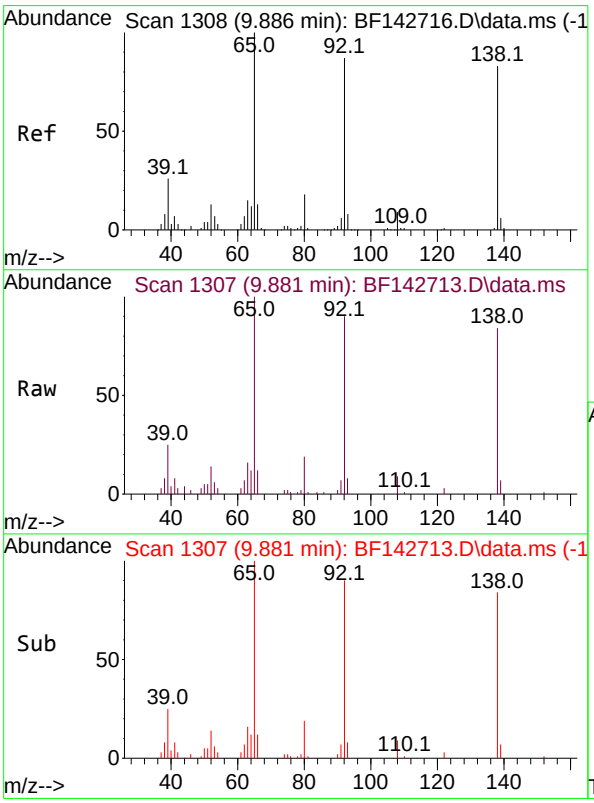
#52
Acenaphthene
Concen: 5.359 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 54383

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.1	135.1
152	52.4	41.9	62.9

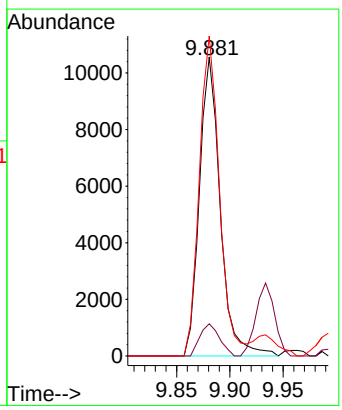


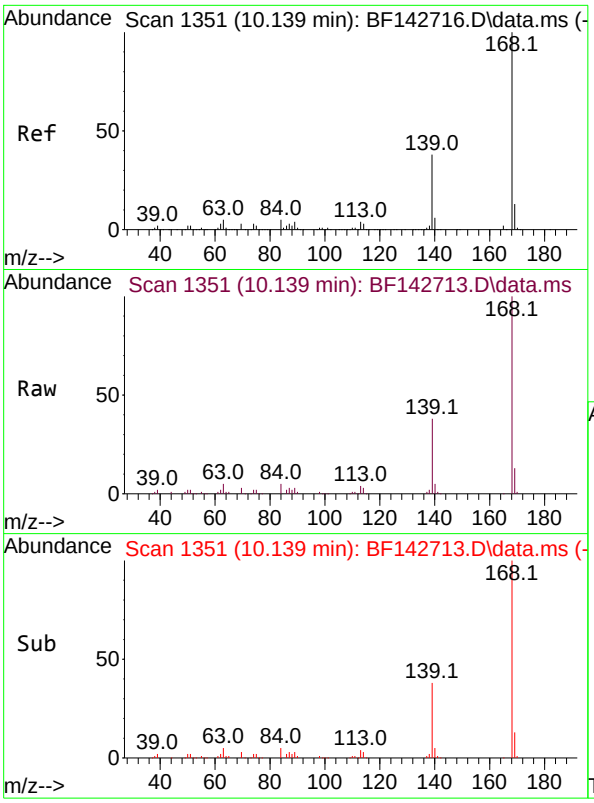


#53
3-Nitroaniline
Concen: 5.141 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:138 Resp: 14348

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.3	12.5
92	107.0	84.6	127.0



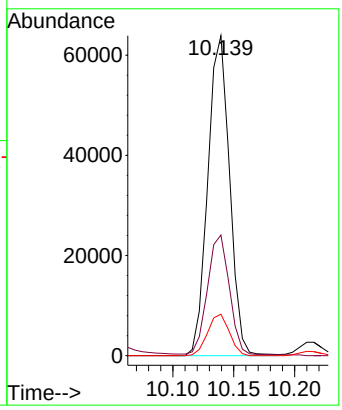


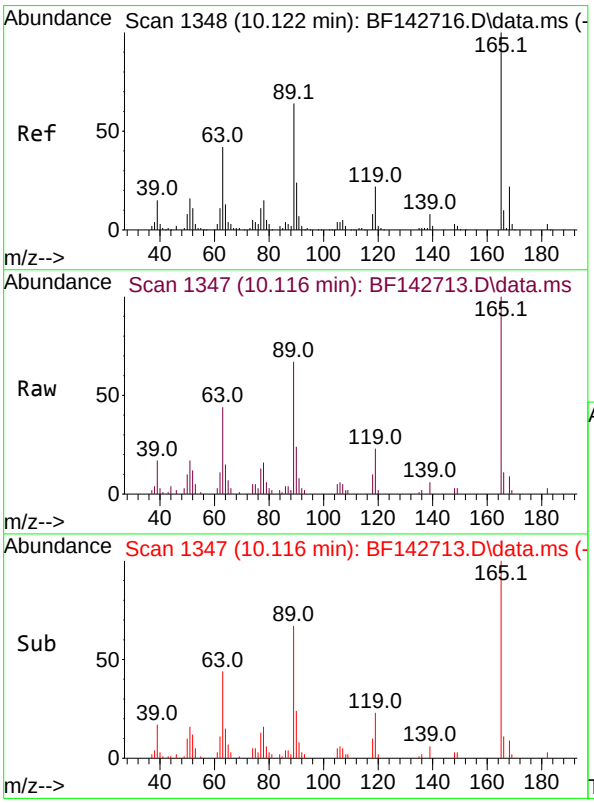
#55
Dibenzofuran
Concen: 5.471 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 79673

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.9	46.3
169	12.9	10.8	16.2

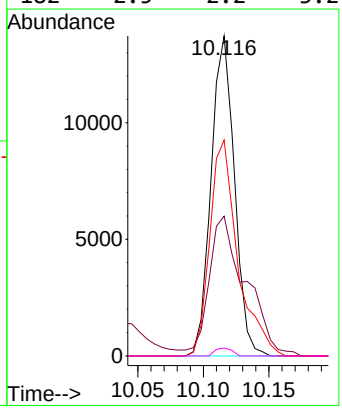


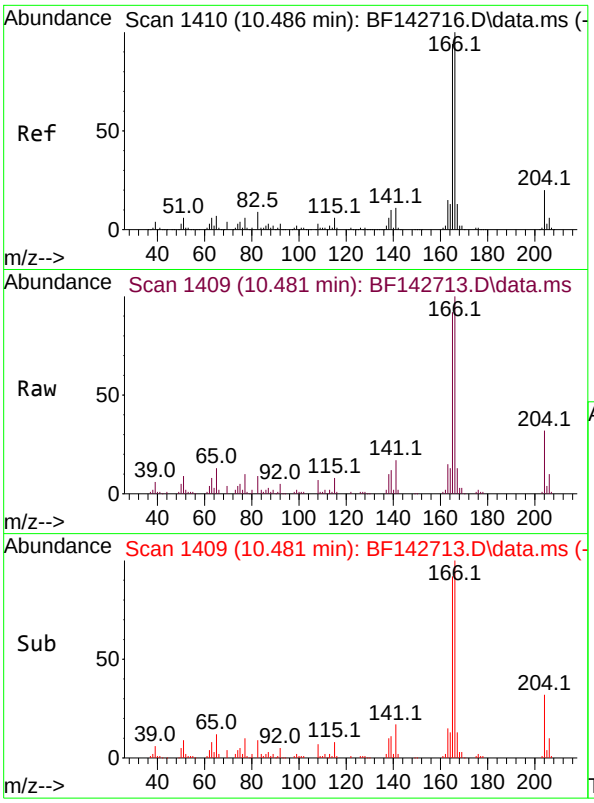


#57
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:165 Resp: 17009

Ion	Ratio	Lower	Upper
165	100		
63	43.7	34.1	51.1
89	67.4	50.8	76.2
182	2.5	2.2	3.2



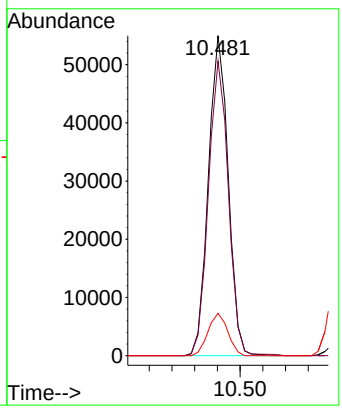


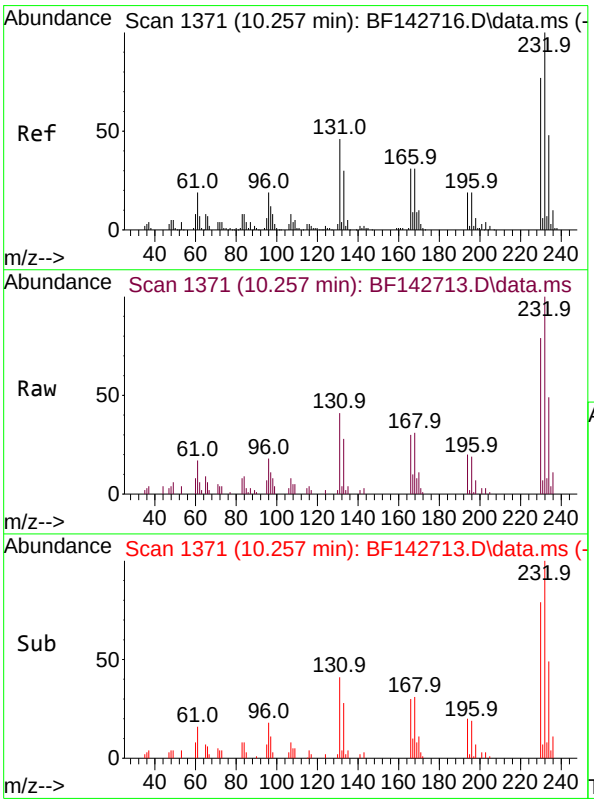
#58
Fluorene
Concen: 5.719 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 66464

Ion	Ratio	Lower	Upper
166	100		
165	92.1	74.9	112.3
167	13.2	10.7	16.1

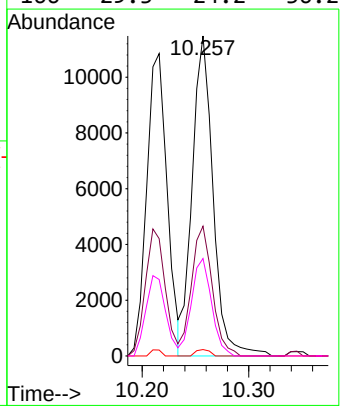


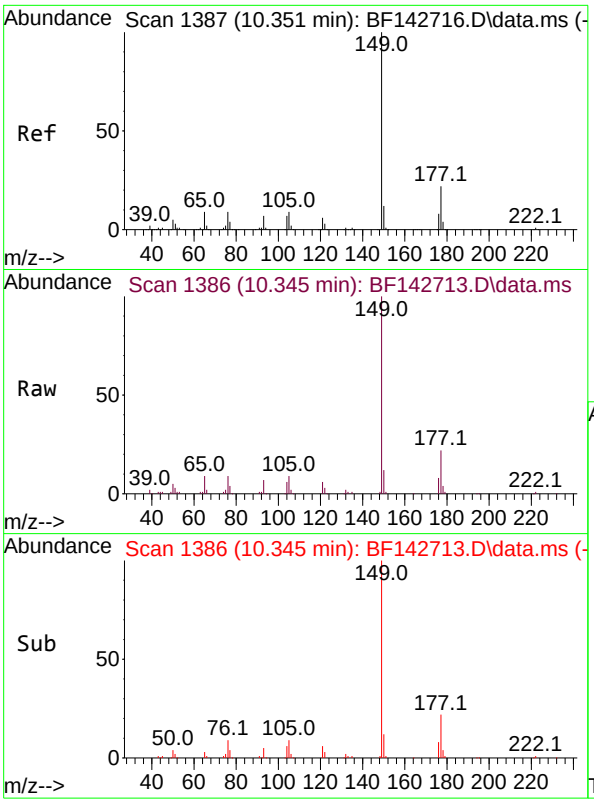


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.392 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:232 Resp: 15641

Ion	Ratio	Lower	Upper
232	100		
131	40.6	35.8	53.8
130	1.3	1.8	2.6#
166	29.3	24.2	36.2



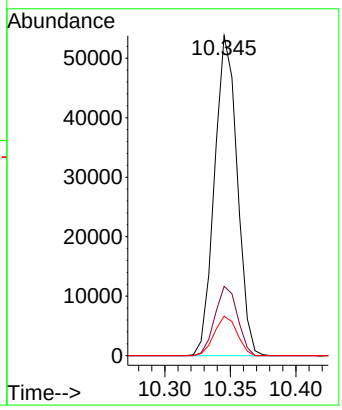


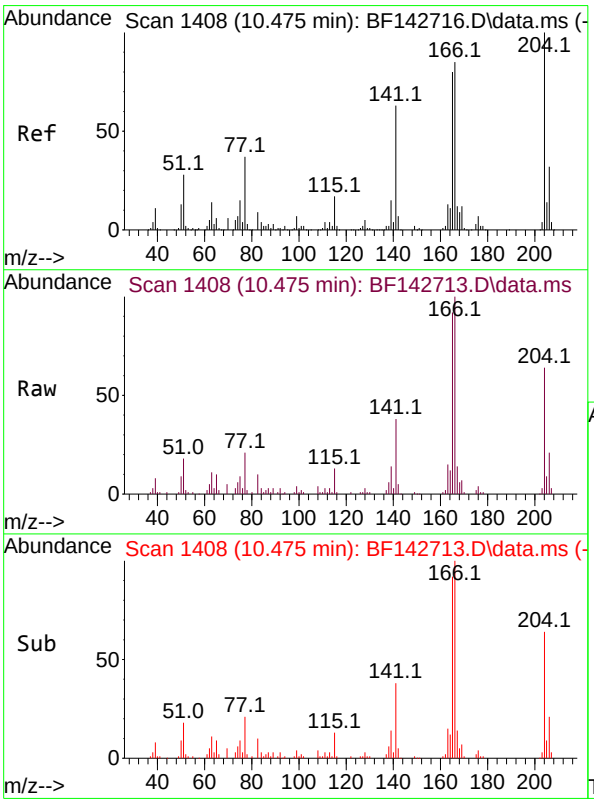
#60
Diethylphthalate
Concen: 5.759 ng
RT: 10.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 64759

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.3	10.0	15.0

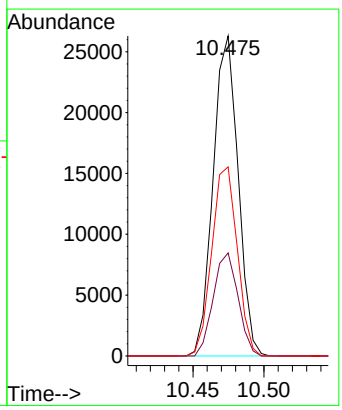


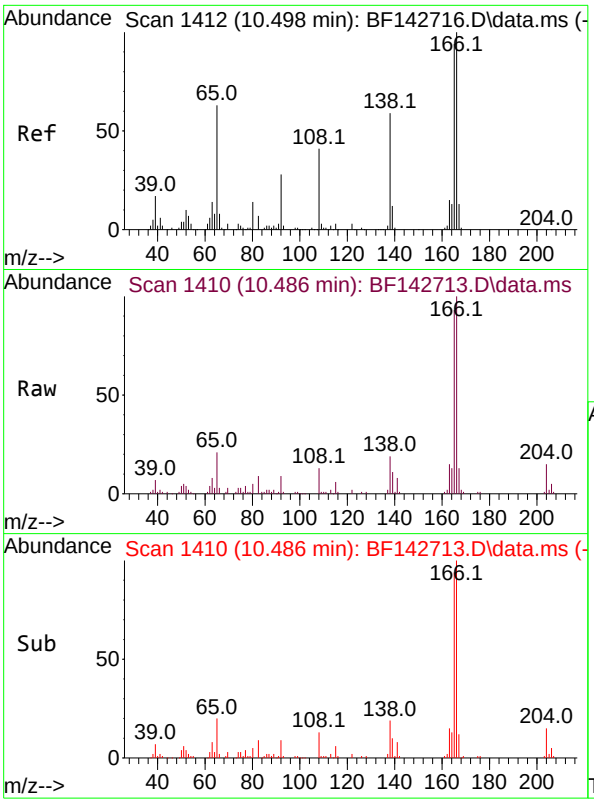


#61
4-Chlorophenyl-phenylether
Concen: 5.820 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:204 Resp: 32152

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	59.1	50.2	75.4



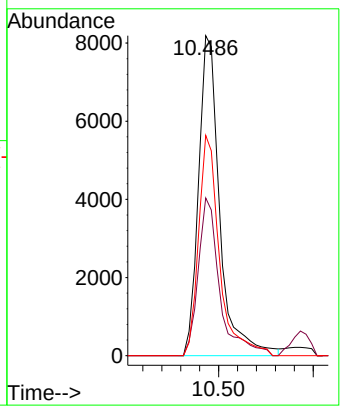


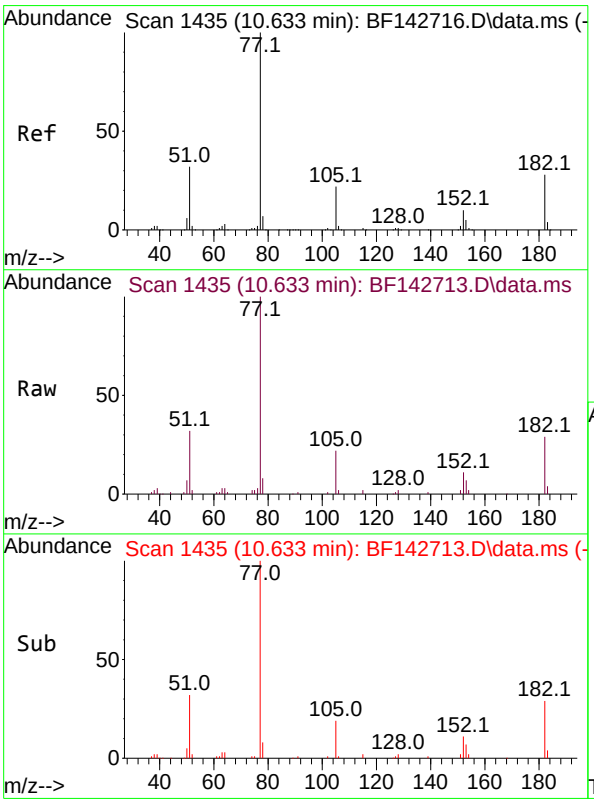
#62
4-Nitroaniline
Concen: 4.873 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 12746

Ion	Ratio	Lower	Upper
138	100		
92	49.3	27.2	67.2
108	68.9	49.9	89.9

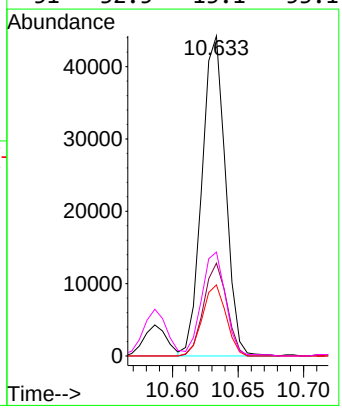


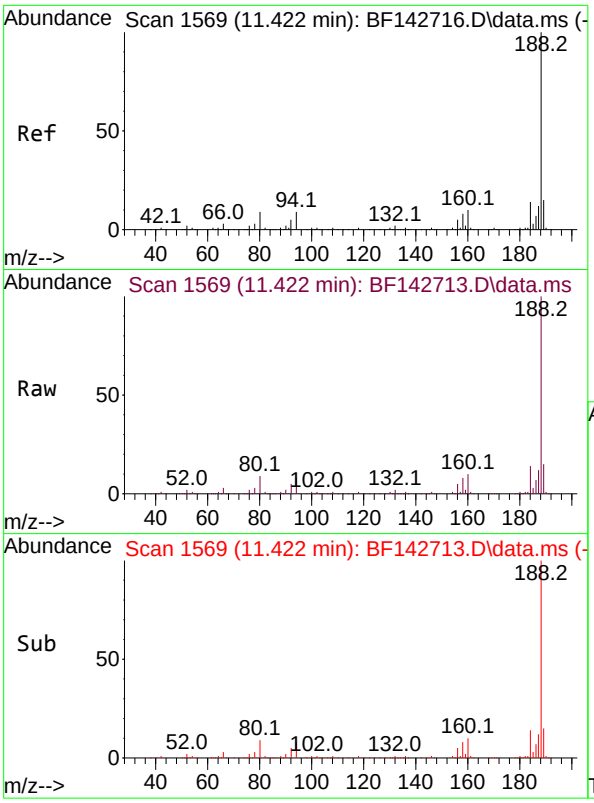


#63
Azobenzene
Concen: 5.497 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion: 77 Resp: 55411

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.8	47.8
105	22.2	1.9	41.9
51	32.5	13.1	53.1



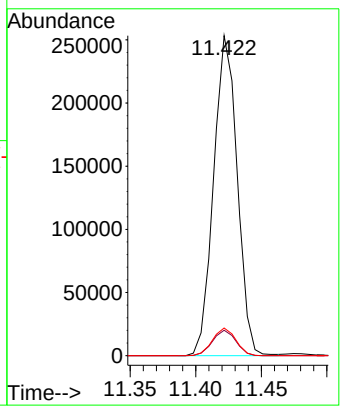


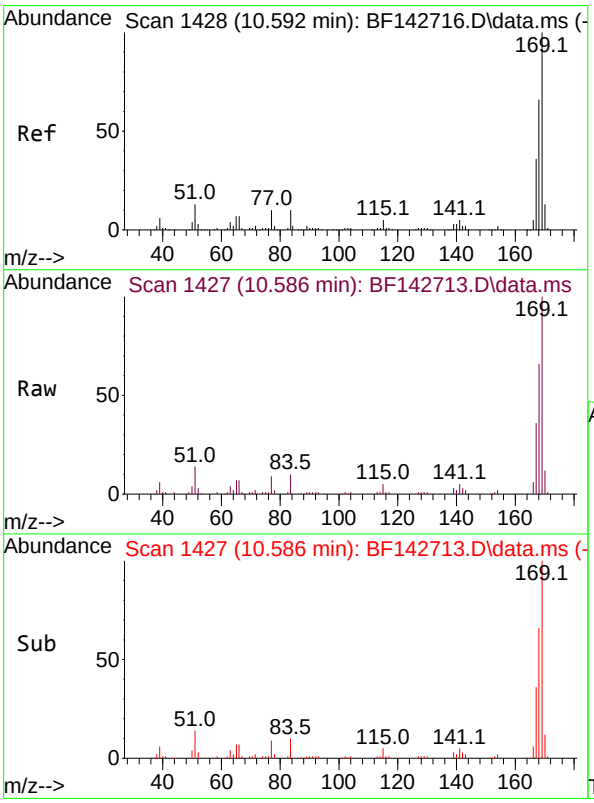
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 317109

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.7	7.1	10.7

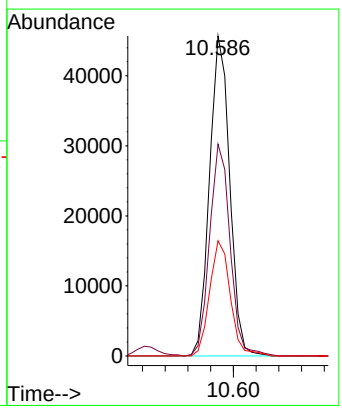


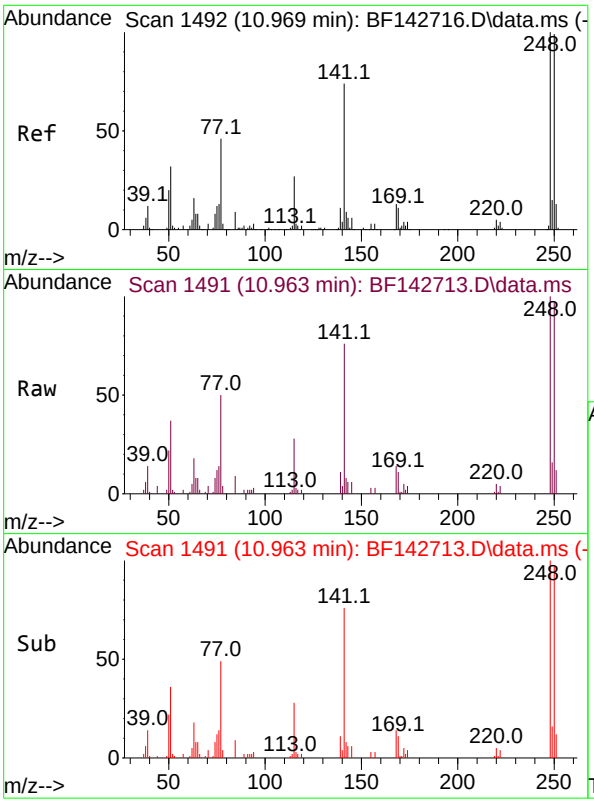


#66
n-Nitrosodiphenylamine
Concen: 5.506 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:169 Resp: 56325

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.0	28.7	43.1



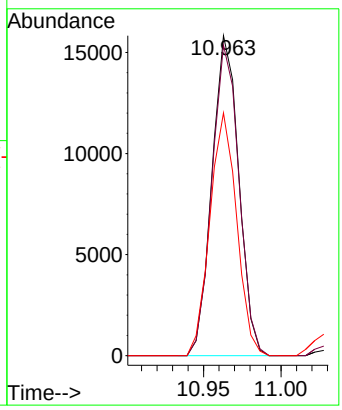


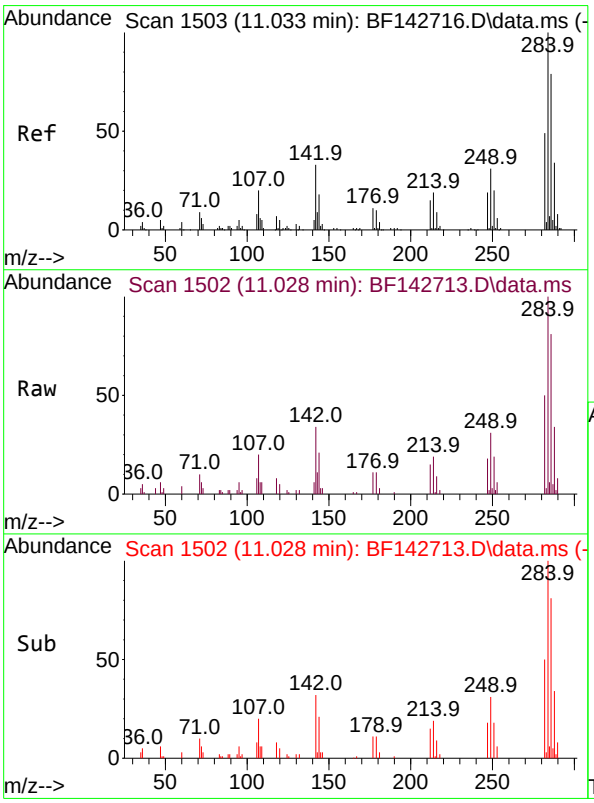
#67
4-Bromophenyl-phenylether
Concen: 5.426 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 19033

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.2	118.8
141	75.9	59.3	88.9

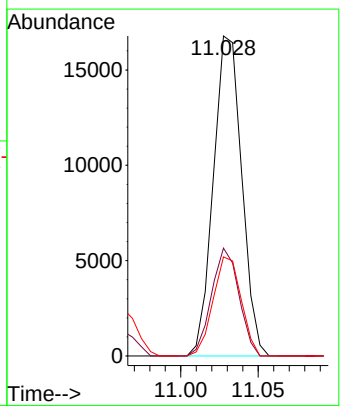


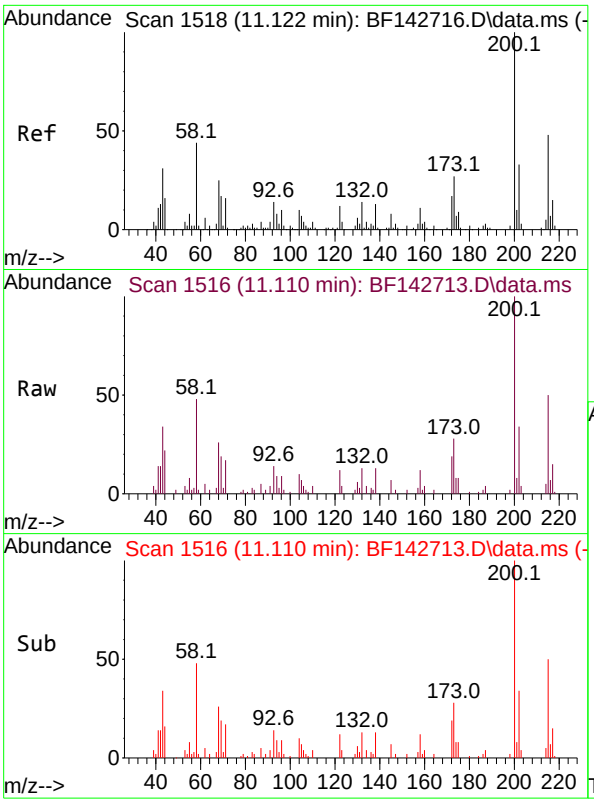


#68
Hexachlorobenzene
Concen: 5.334 ng
RT: 11.028 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:284 Resp: 21366

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.0	39.0
249	31.0	24.6	37.0



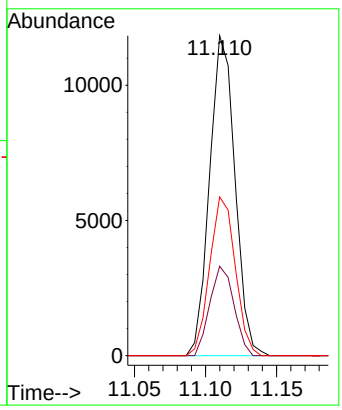


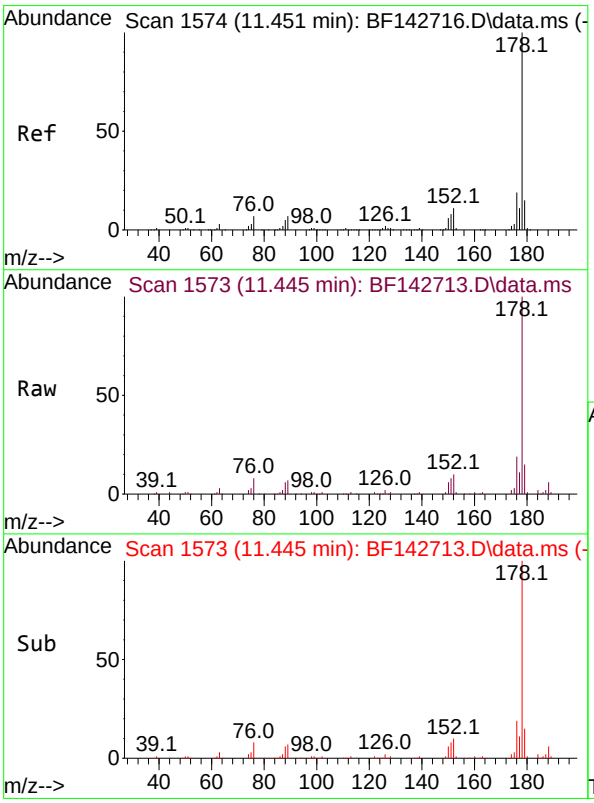
#69
Atrazine
Concen: 4.829 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 14687

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	49.6	28.2	68.2

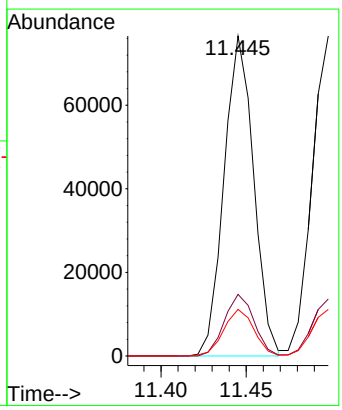


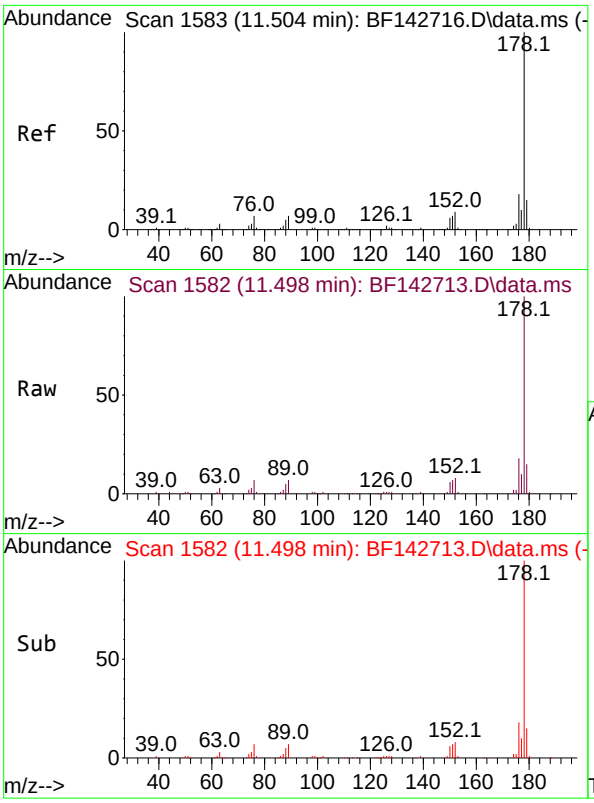


#71
Phenanthrene
Concen: 5.445 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:178 Resp: 92359

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	14.6	12.2	18.4



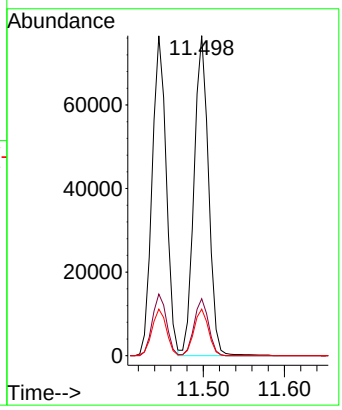


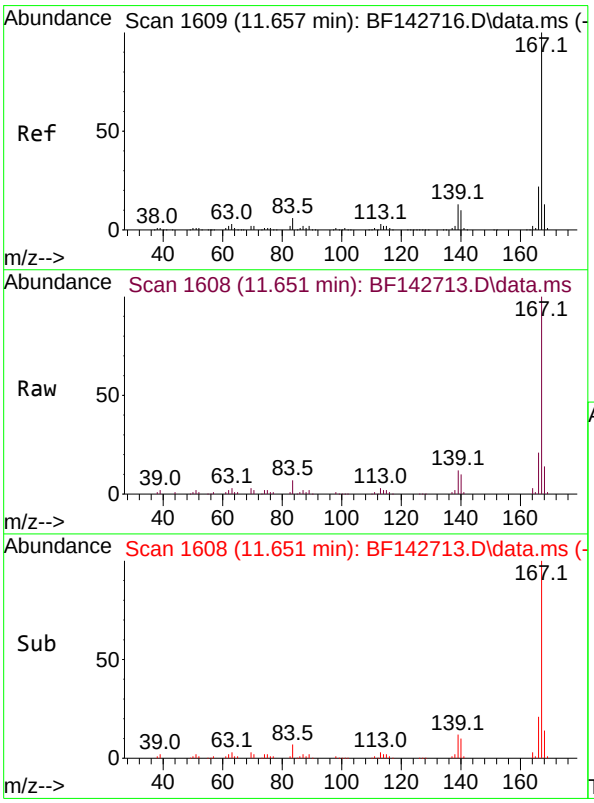
#72
Anthracene
Concen: 5.431 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 95380

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	14.6	12.2	18.2

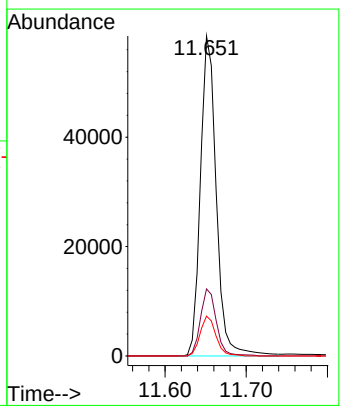


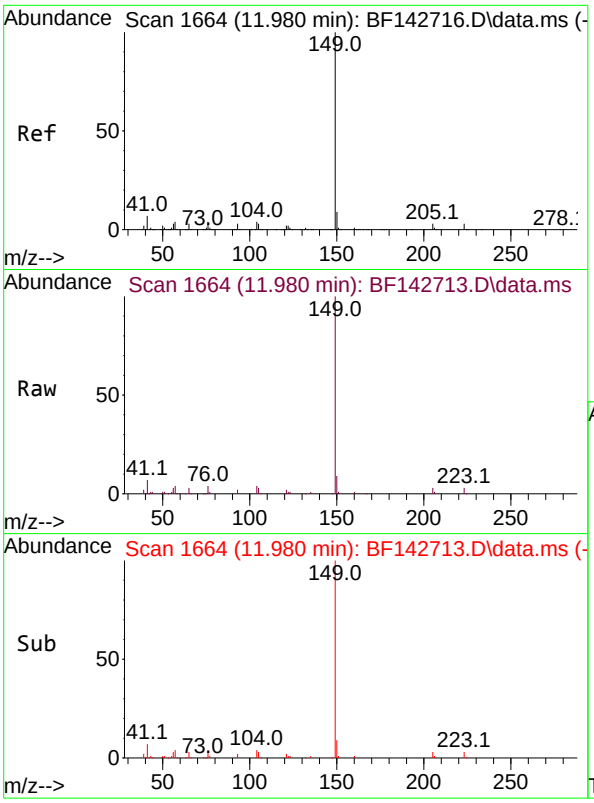


#73
Carbazole
Concen: 5.098 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:167 Resp: 79530

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.5	10.2	15.4



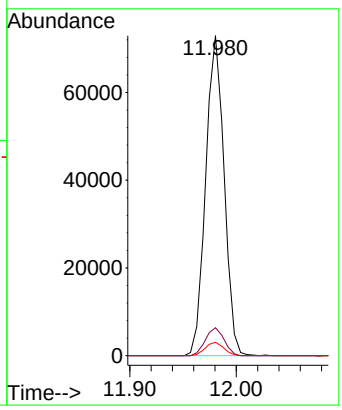


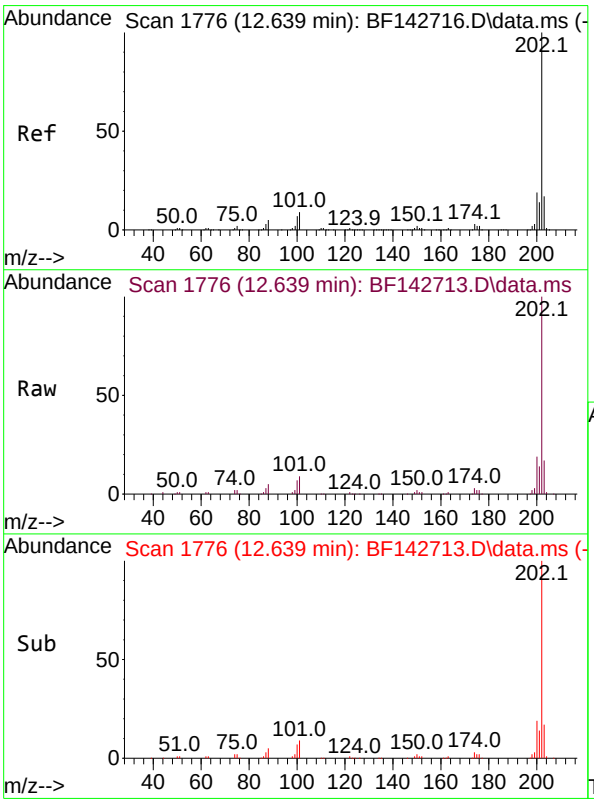
#74
Di-n-butylphthalate
Concen: 5.304 ng
RT: 11.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 87576

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.2	10.8
104	4.2	3.4	5.2

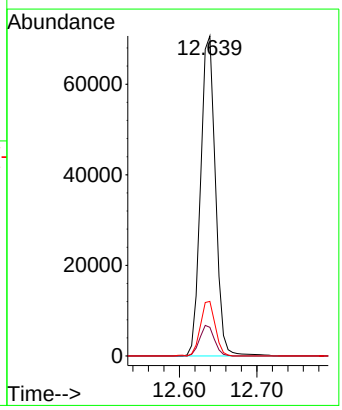


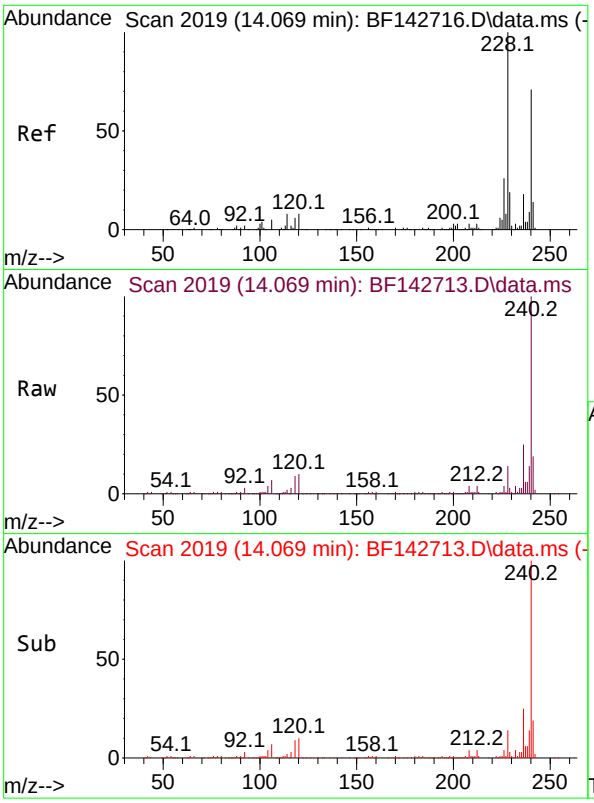


#75
Fluoranthene
Concen: 5.689 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:202 Resp: 93843

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.5
203	17.0	0.0	37.0



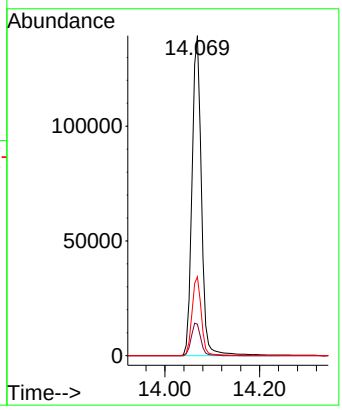


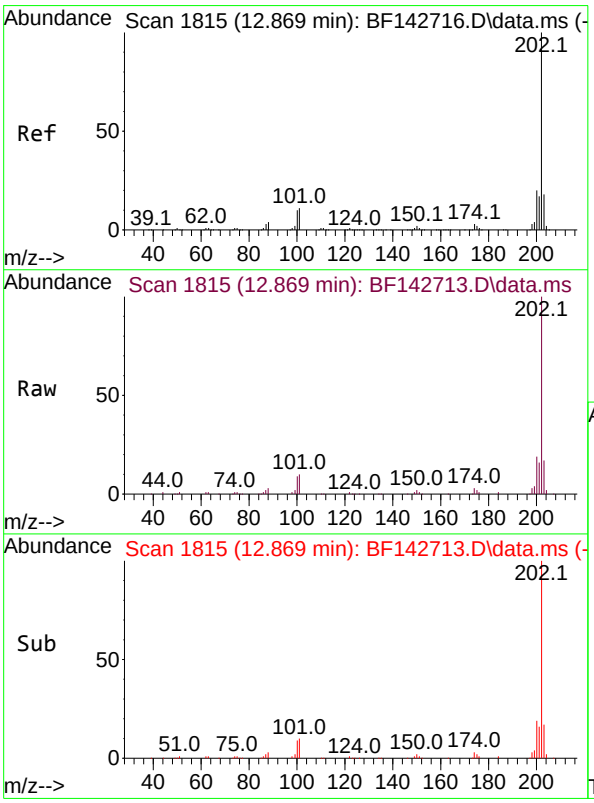
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 192600

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.7	20.1	30.1

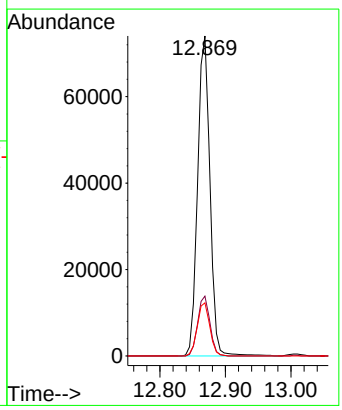


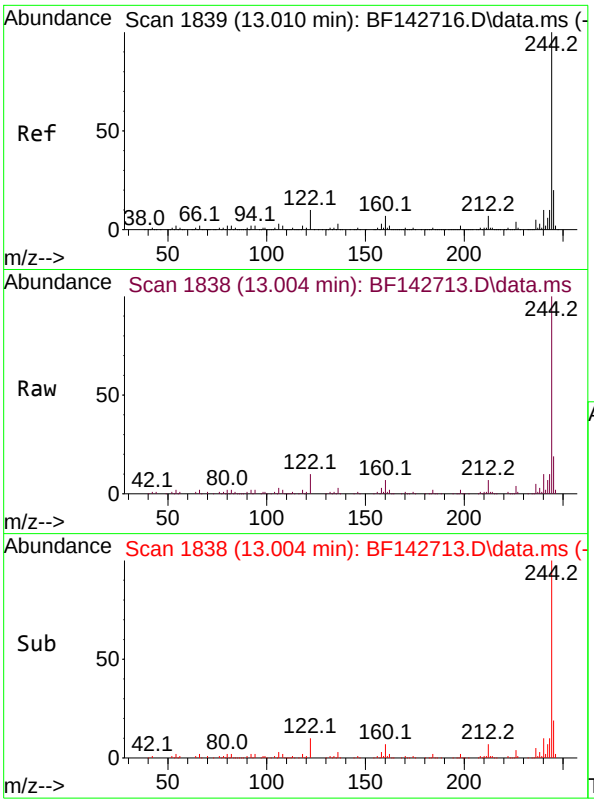


#78
Pyrene
Concen: 5.961 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:202 Resp: 96970

Ion	Ratio	Lower	Upper
202	100		
200	18.7	15.8	23.8
203	16.6	14.1	21.1



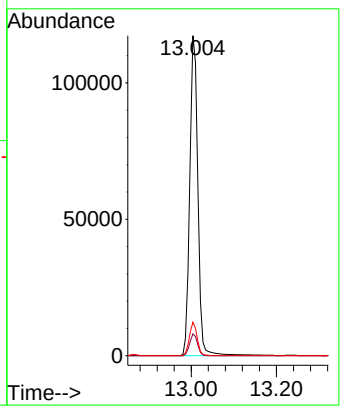


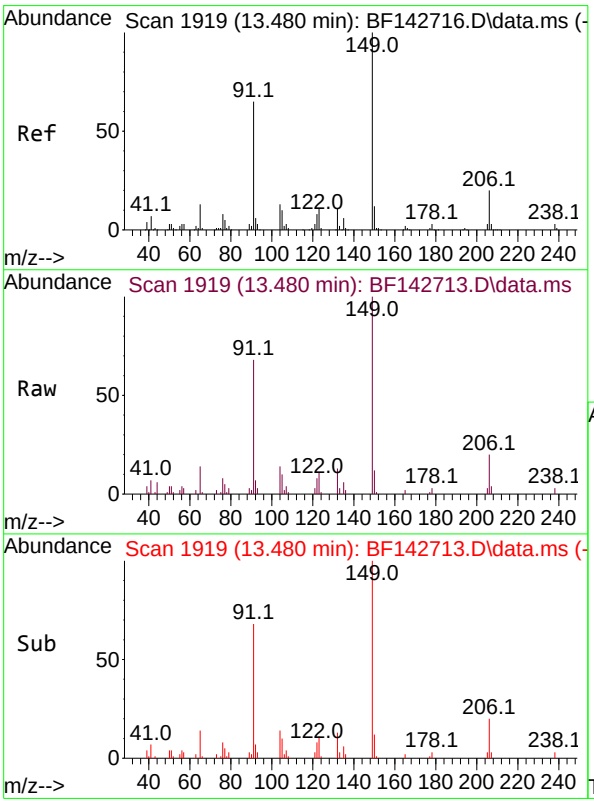
#79
Terphenyl-d14
Concen: 12.222 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 154958

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.4	8.3	12.5

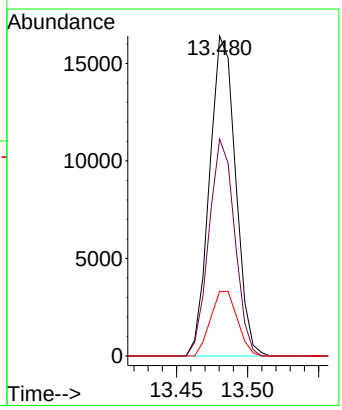


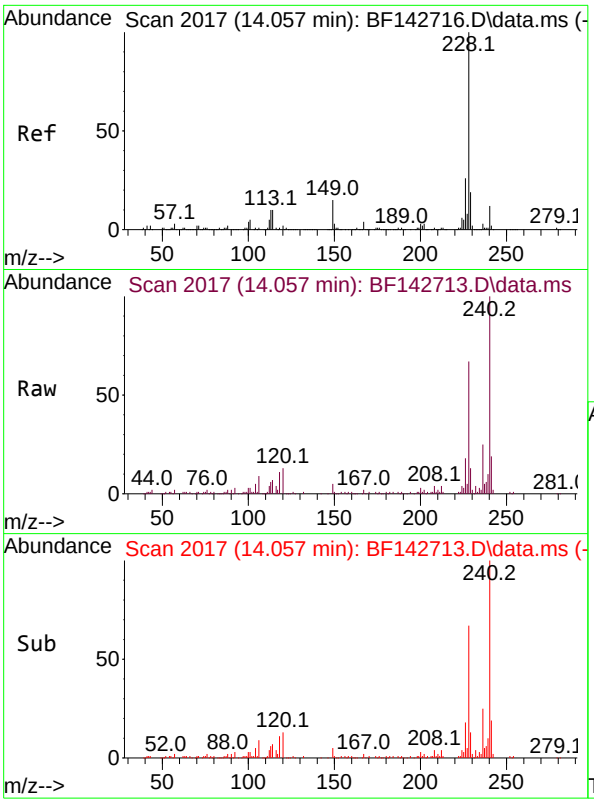


#80
Butylbenzylphthalate
Concen: 4.216 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:149 Resp: 20945

Ion	Ratio	Lower	Upper
149	100		
91	67.8	52.3	78.5
206	20.2	16.0	24.0



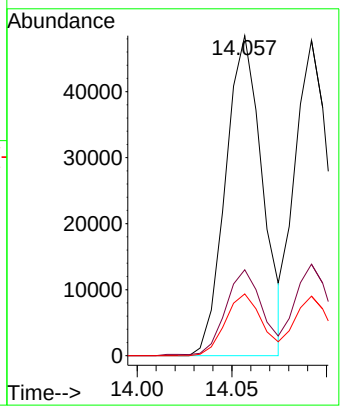


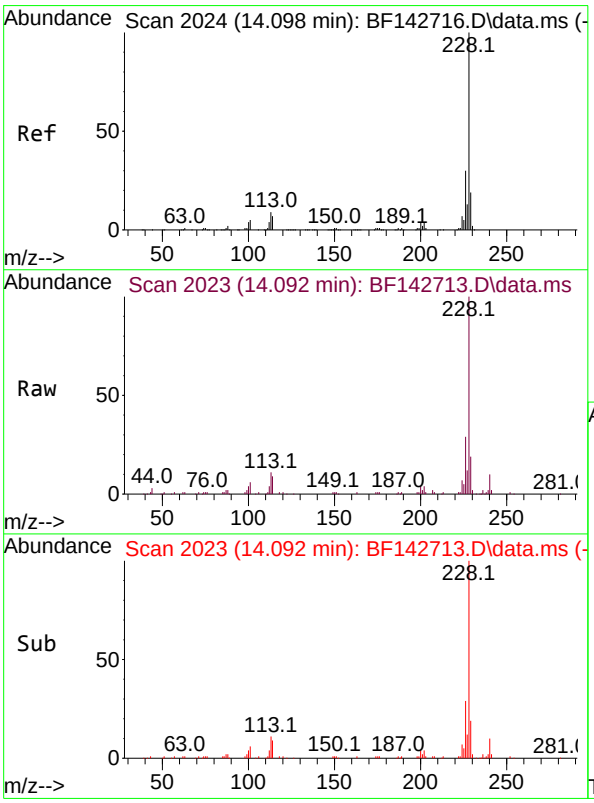
#81
Benzo(a)anthracene
Concen: 5.230 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 65823

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	19.3	15.5	23.3

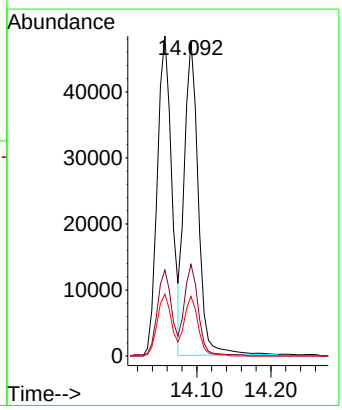


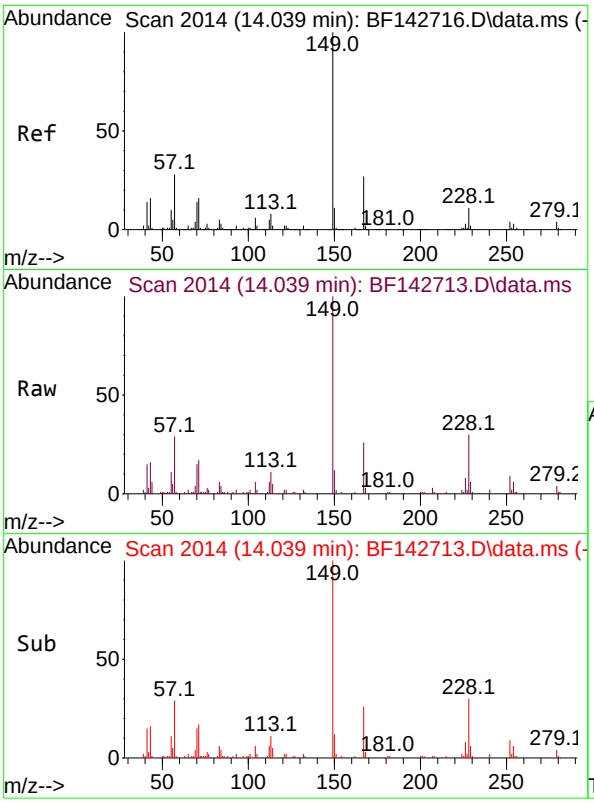


#83
Chrysene
Concen: 5.295 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:228 Resp: 62493

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	18.9	15.5	23.3



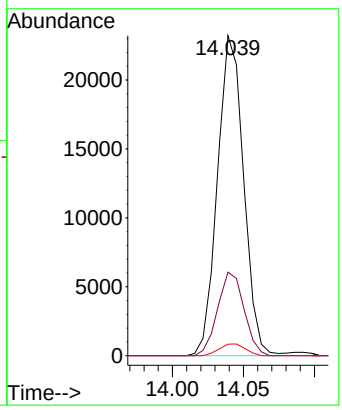


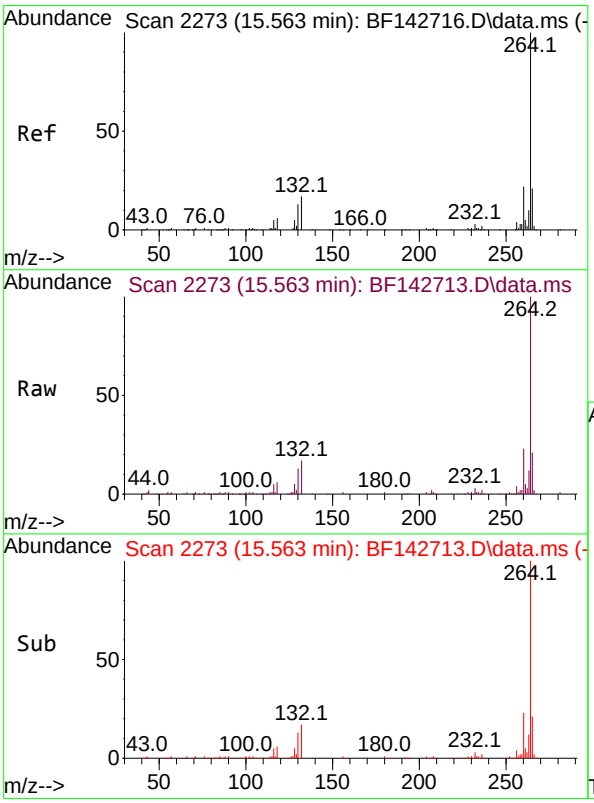
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.009 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 29677

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.4	32.2
279	3.6	3.0	4.4

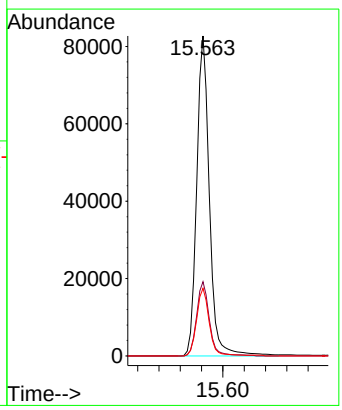


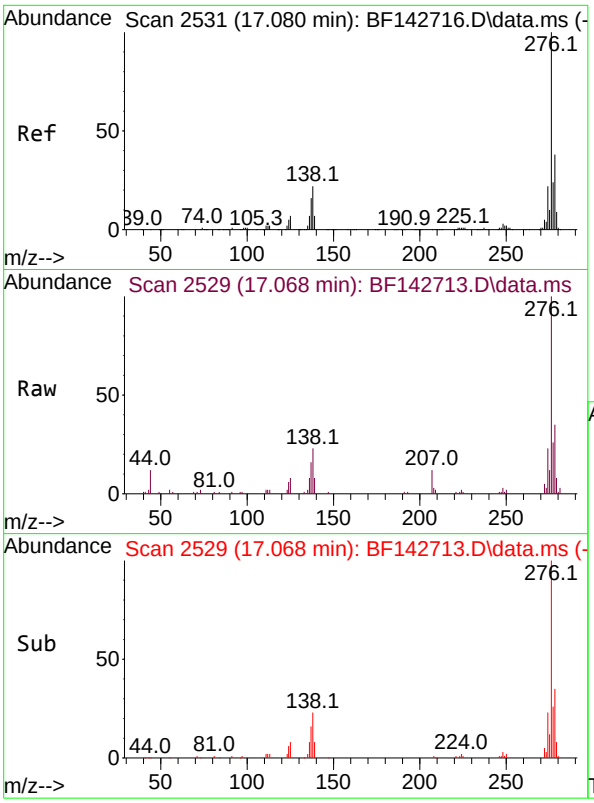


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:264 Resp: 136780

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.6
265	21.2	16.6	25.0



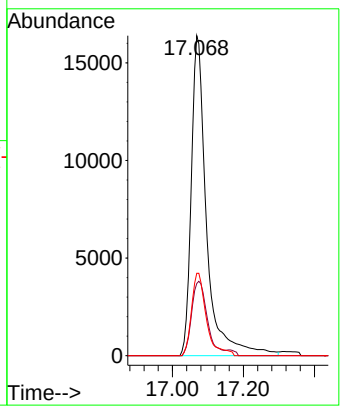


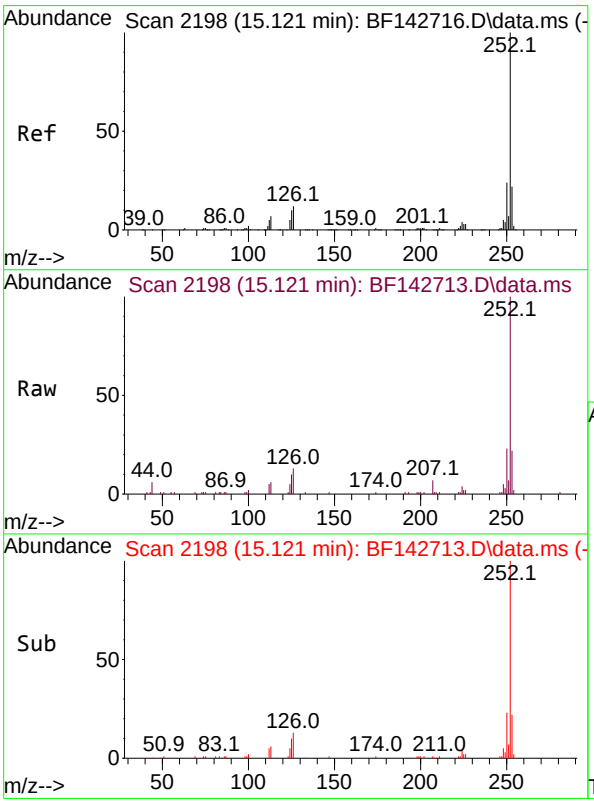
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.039 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 49157

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	24.9	20.2	30.2

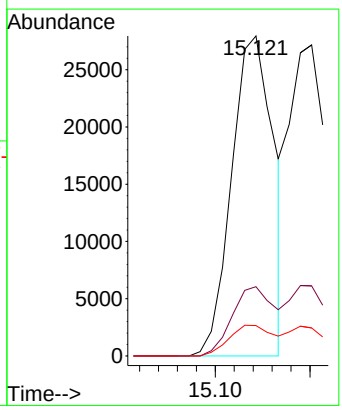


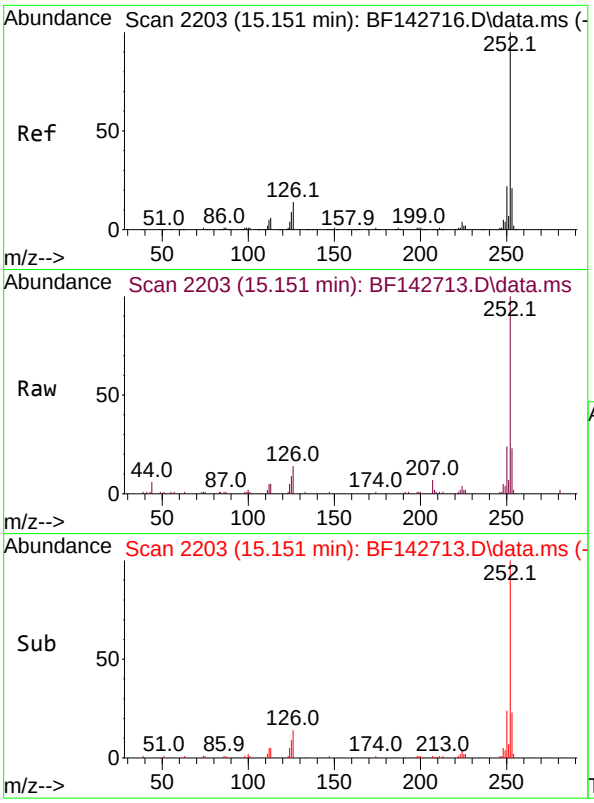


#88
Benzo(b)fluoranthene
Concen: 5.237 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:252 Resp: 42934

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.5	7.8	11.6



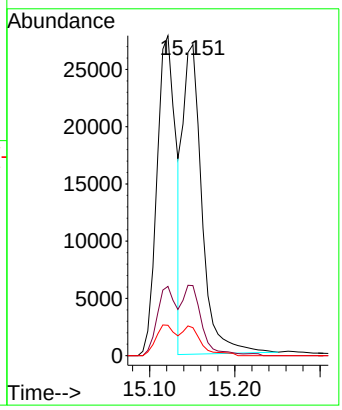


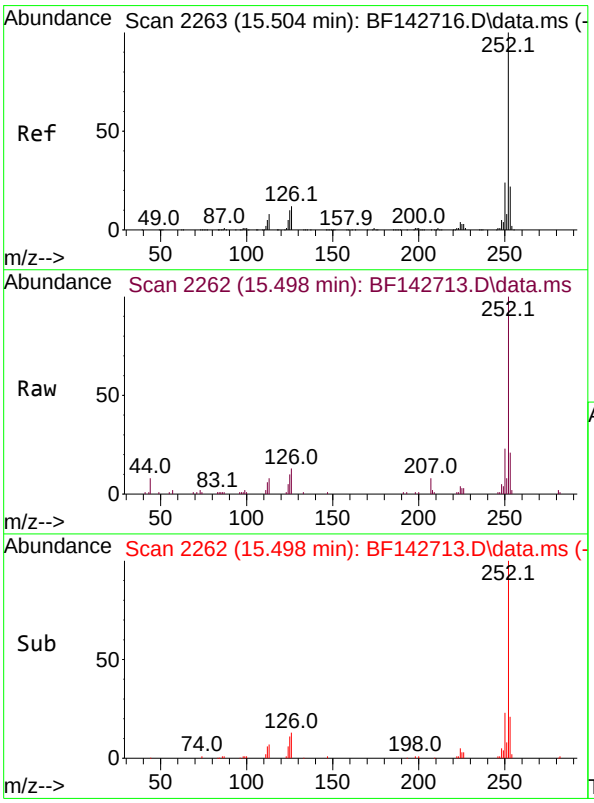
#89
Benzo(k)fluoranthene
Concen: 5.573 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 42264

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.0	7.5	11.3

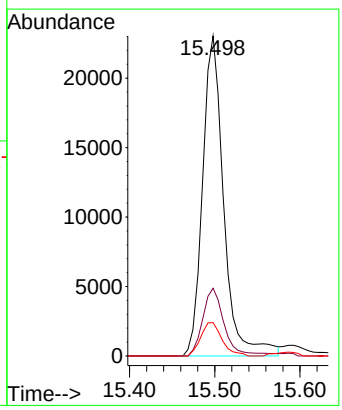


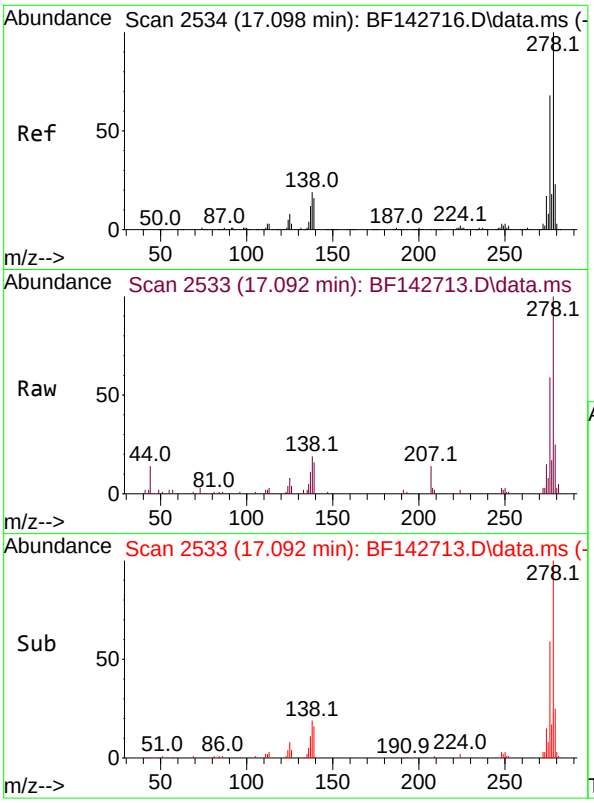


#90
Benzo(a)pyrene
Concen: 5.197 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:252 Resp: 39797

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	10.4	8.0	12.0



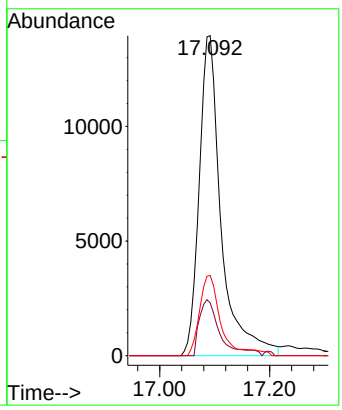


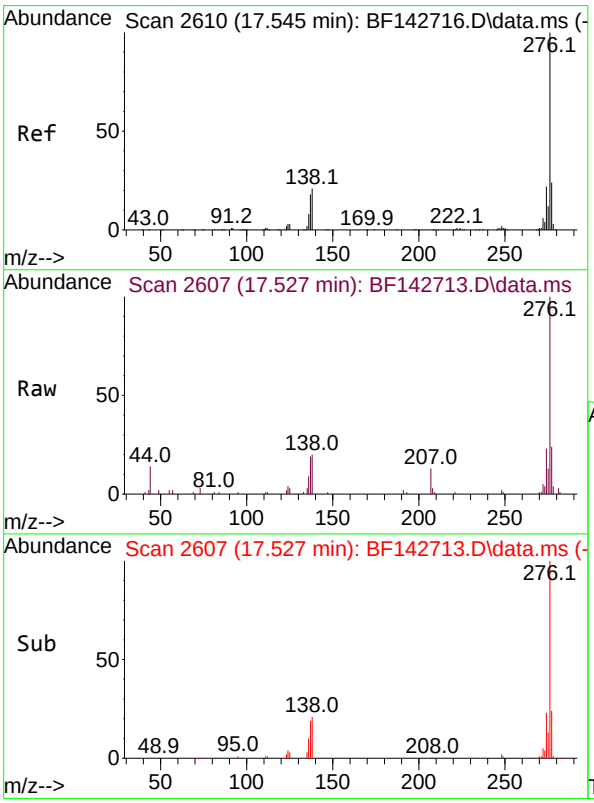
#91
Dibenzo(a,h)anthracene
Concen: 4.912 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 38778

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	25.1	18.7	28.1

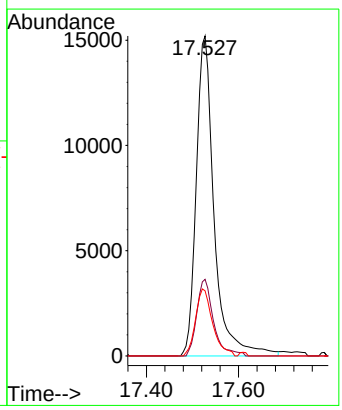




#92
Benzo(g,h,i)perylene
Concen: 5.047 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:276 Resp: 41059

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.4	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	78202	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	297644	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	171293	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	304369	20.000	ng		0.00
76) Chrysene-d12	14.069	240	175894	20.000	ng		0.00
86) Perylene-d12	15.563	264	145296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	91494	19.825	ng		0.00
7) Phenol-d6	6.510	99	104679	19.395	ng		-0.01
23) Nitrobenzene-d5	7.451	82	108036	19.910	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	38257	19.941	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	275752	21.861	ng		0.00
79) Terphenyl-d14	13.004	244	274700	23.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	17535	9.921	ng		98
3) Pyridine	3.446	79	44155	9.701	ng		98
4) n-Nitrosodimethylamine	3.375	42	21829	9.760	ng	#	100
6) Aniline	6.551	93	69923	9.647	ng		99
8) 2-Chlorophenol	6.675	128	49015	9.712	ng		98
9) Benzaldehyde	6.440	77	36871	12.061	ng		98
10) Phenol	6.528	94	58767	9.750	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	43715	9.901	ng		98
12) 1,3-Dichlorobenzene	6.834	146	57969	10.261	ng		98
13) 1,4-Dichlorobenzene	6.910	146	58003	10.078	ng		98
14) 1,2-Dichlorobenzene	7.063	146	55430	10.101	ng		98
15) Benzyl Alcohol	7.028	79	37926	9.523	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	70858	9.916	ng		99
17) 2-Methylphenol	7.140	107	37156	9.649	ng		98
18) Hexachloroethane	7.404	117	20359	10.200	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	34025	10.659	ng		98
20) 3+4-Methylphenols	7.292	107	49292	10.358	ng	#	89
22) Acetophenone	7.298	105	67100	10.307	ng		99
24) Nitrobenzene	7.469	77	46653	9.556	ng		99
25) Isophorone	7.710	82	92430	10.409	ng		99
26) 2-Nitrophenol	7.792	139	25953	9.646	ng		97
27) 2,4-Dimethylphenol	7.822	122	45074	9.823	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	56675	10.270	ng		99
29) 2,4-Dichlorophenol	8.034	162	41840	10.033	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	46583	10.130	ng		99
31) Naphthalene	8.198	128	148394	10.116	ng		100
32) Benzoic acid	7.898	122	20380	7.420	ng		91
33) 4-Chloroaniline	8.245	127	57953	9.627	ng		98
34) Hexachlorobutadiene	8.316	225	30416	10.686	ng		98
35) Caprolactam	8.581	113	11406	9.021	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	44561	10.173	ng		96
37) 2-Methylnaphthalene	8.886	142	96652	10.341	ng		100
38) 1-Methylnaphthalene	8.986	142	99084	10.283	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	50666	10.170	ng		99
41) Hexachlorocyclopentadiene	9.039	237	25422	8.555	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	31960	9.820	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	34641	9.940	ng	97
46) 1,1'-Biphenyl	9.351	154	138529	10.404	ng	99
47) 2-Chloronaphthalene	9.381	162	100376	10.076	ng	98
48) 2-Nitroaniline	9.469	65	27476	9.351	ng	97
49) Acenaphthylene	9.792	152	170087	10.293	ng	100
50) Dimethylphthalate	9.645	163	117189	10.171	ng	100
51) 2,6-Dinitrotoluene	9.710	165	24267	9.703	ng	92
52) Acenaphthene	9.969	154	104654	10.345	ng	100
53) 3-Nitroaniline	9.881	138	26814	9.637	ng	98
54) 2,4-Dinitrophenol	9.992	184	10498	7.649	ng	92
55) Dibenzofuran	10.139	168	152164	10.482	ng	98
56) 4-Nitrophenol	10.039	139	17392	9.141	ng	98
57) 2,4-Dinitrotoluene	10.116	165	32824	9.861	ng	99
58) Fluorene	10.480	166	122374	10.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29038m	10.042	ng	
60) Diethylphthalate	10.345	149	119243	10.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	59238	10.756	ng	96
62) 4-Nitroaniline	10.492	138	24067	9.231	ng	98
63) Azobenzene	10.633	77	101592	10.110	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	15886	8.392	ng	90
66) n-Nitrosodiphenylamine	10.586	169	103342	10.526	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	34896	10.364	ng	98
68) Hexachlorobenzene	11.033	284	39719	10.331	ng	97
69) Atrazine	11.110	200	26536	9.090	ng	98
70) Pentachlorophenol	11.228	266	17981	8.662	ng	99
71) Phenanthrene	11.445	178	167382	10.281	ng	99
72) Anthracene	11.498	178	174314	10.340	ng	99
73) Carbazole	11.651	167	146072	9.755	ng	99
74) Di-n-butylphthalate	11.980	149	159448	10.061	ng	100
75) Fluoranthene	12.639	202	164874	10.413	ng	99
77) Benzidine	12.763	184	62561	10.131	ng	99
78) Pyrene	12.869	202	168642	11.351	ng	99
80) Butylbenzylphthalate	13.480	149	42755	9.423	ng	98
81) Benzo(a)anthracene	14.057	228	111987	9.743	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	32572	8.868	ng	99
83) Chrysene	14.092	228	106218	9.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	62338	11.522	ng	100
85) Di-n-octyl phthalate	14.657	149	112882	10.593	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	102110	9.854	ng	100
88) Benzo(b)fluoranthene	15.121	252	79463	9.125	ng	100
89) Benzo(k)fluoranthene	15.151	252	85570	10.623	ng	100
90) Benzo(a)pyrene	15.498	252	78787	9.685	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	85402	10.184	ng	99
92) Benzo(g,h,i)perylene	17.527	276	84574	9.787	ng	97

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

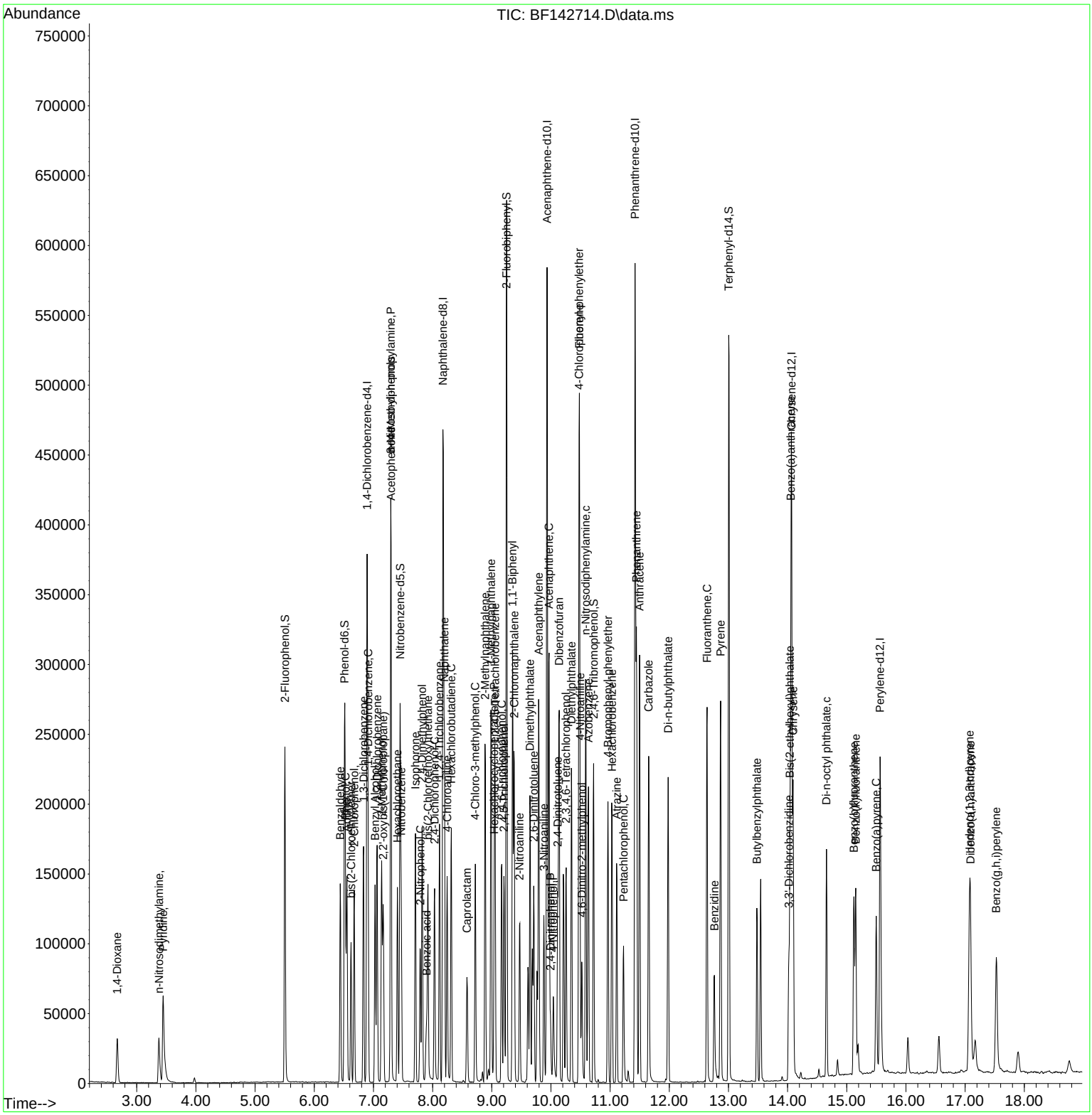
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Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

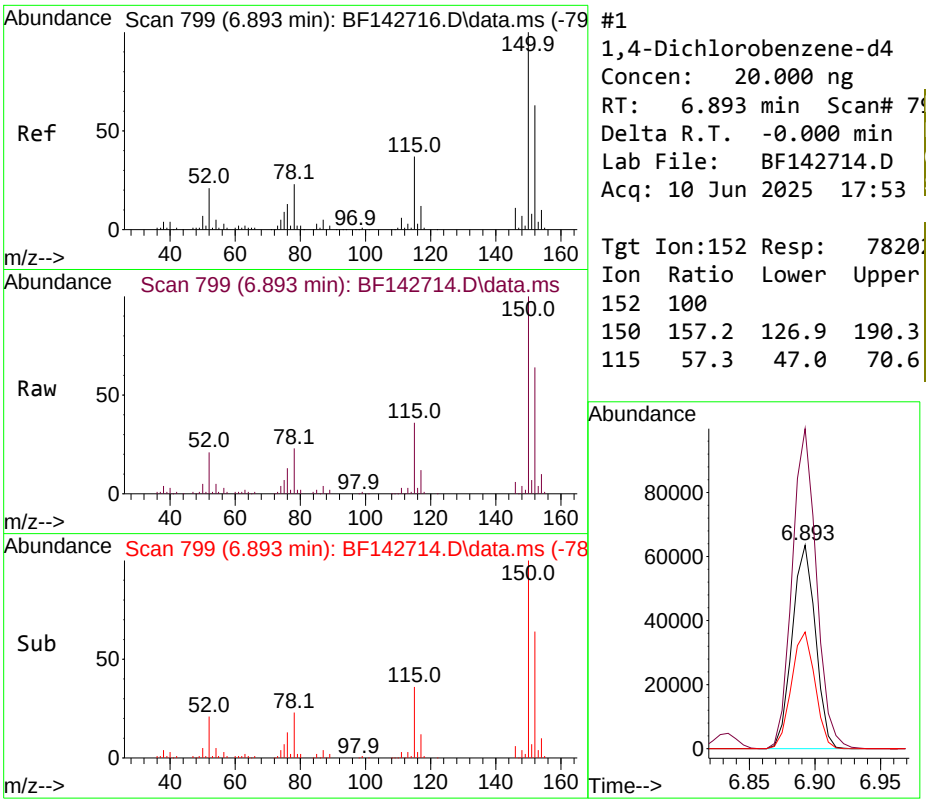
Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

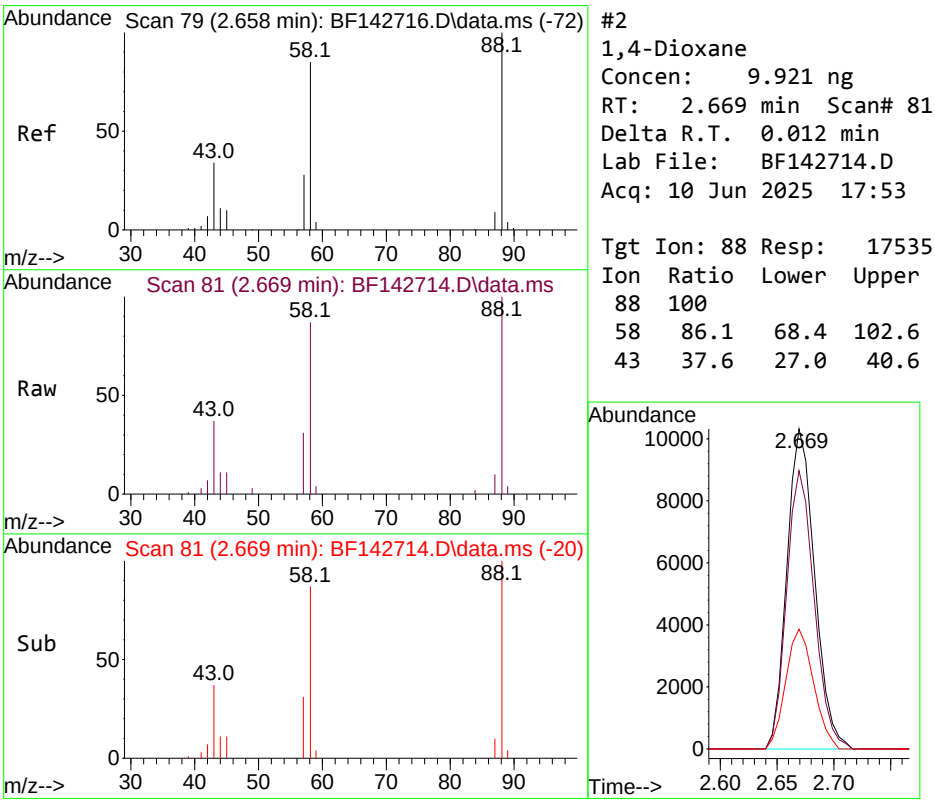
Tgt Ion:152 Resp: 7820

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	57.3	47.0	70.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

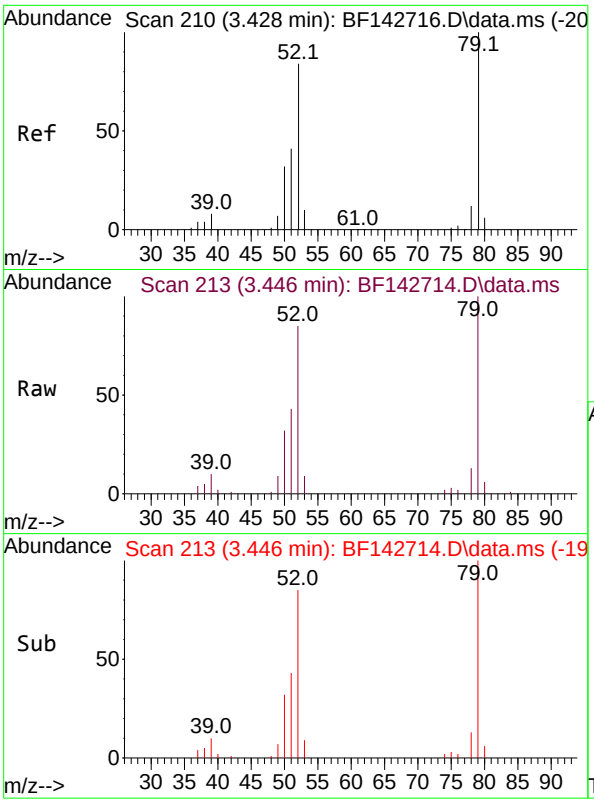
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



#2
1,4-Dioxane
Concen: 9.921 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 88 Resp: 17535

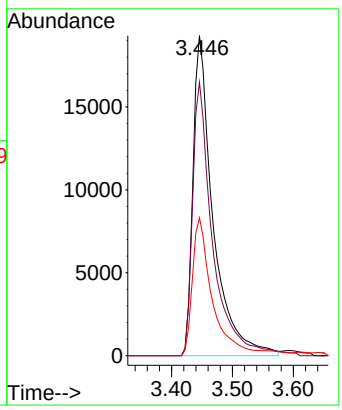
Ion	Ratio	Lower	Upper
88	100		
58	86.1	68.4	102.6
43	37.6	27.0	40.6



#3
Pyridine
Concen: 9.701 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 79 Resp: 4415

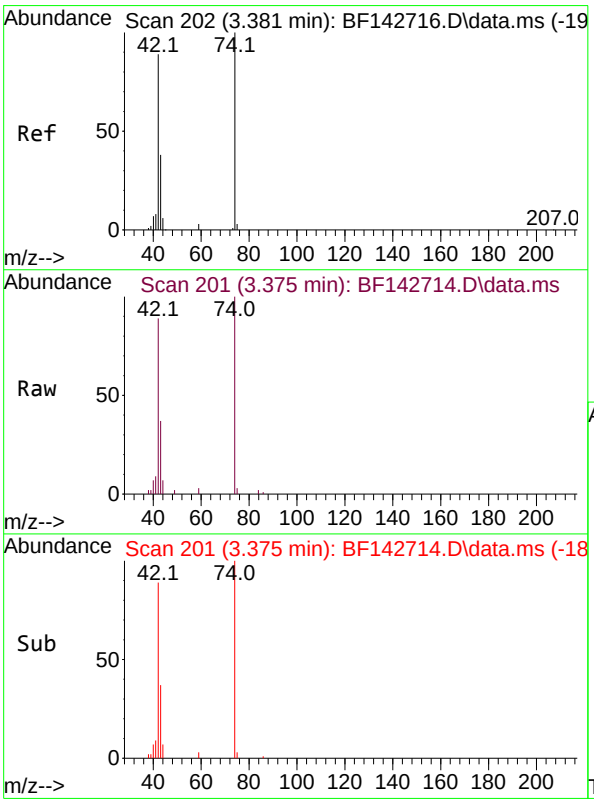
Ion	Ratio	Lower	Upper
79	100		
52	85.4	67.1	100.7
51	43.1	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

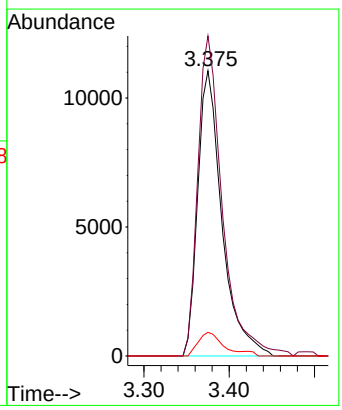
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

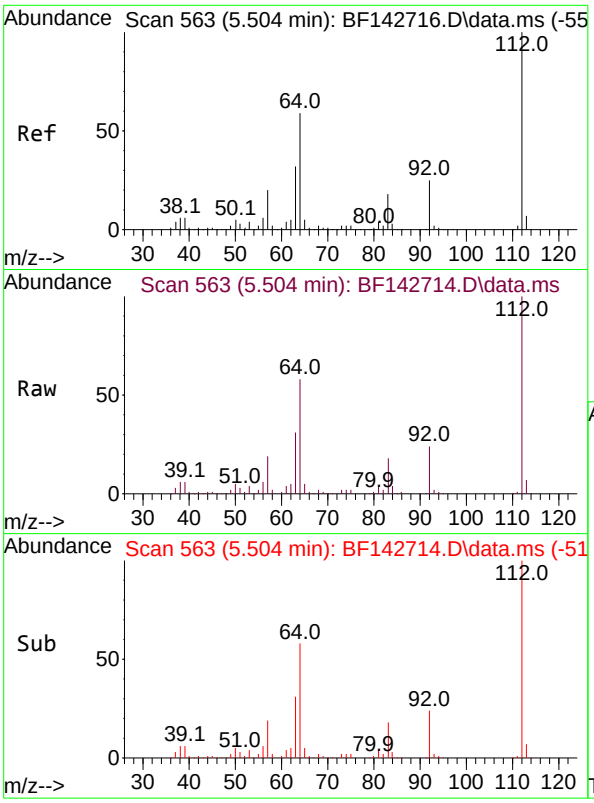


#4
n-Nitrosodimethylamine
Concen: 9.760 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 42 Resp: 21829

Ion	Ratio	Lower	Upper
42	100		
74	112.3	89.6	134.4
44	8.3	5.4	8.2#





#5
2-Fluorophenol
Concen: 19.825 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

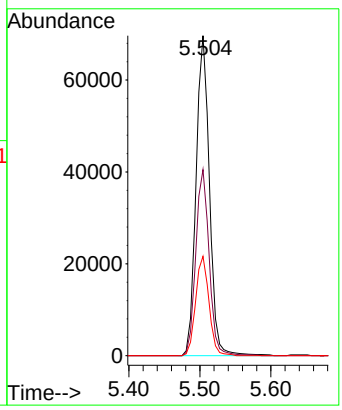
Tgt Ion:112 Resp: 9149

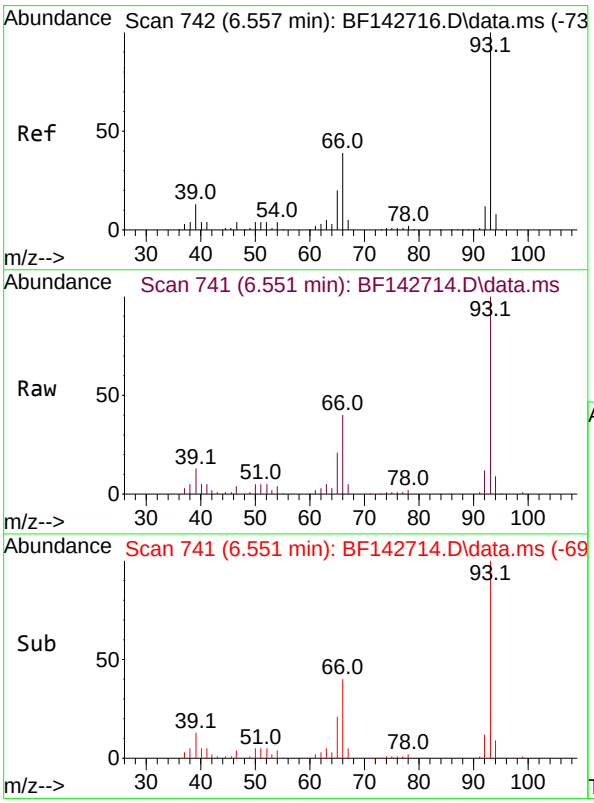
Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.4	71.2
63	31.0	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

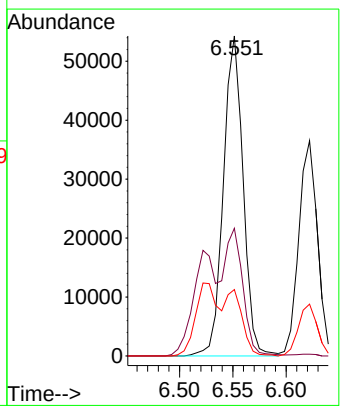


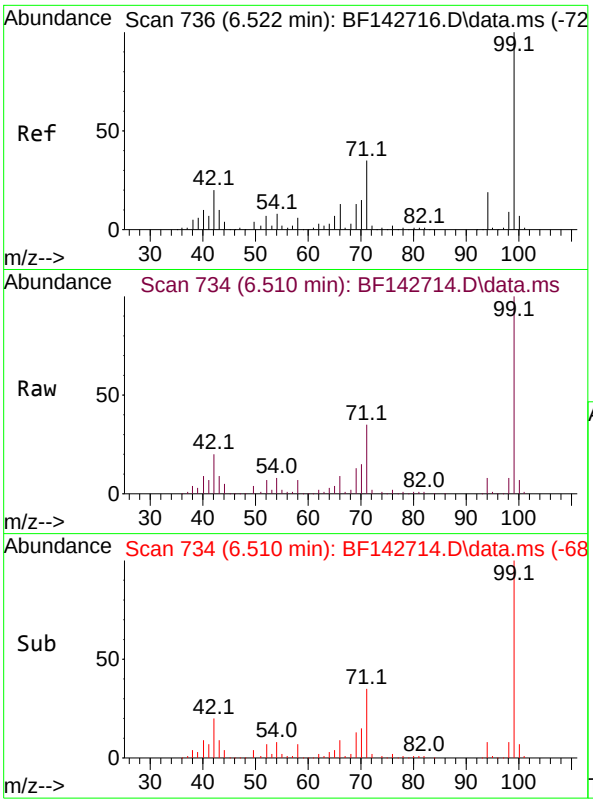


#6
Aniline
Concen: 9.647 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 93 Resp: 69923

Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.0	48.0
65	20.7	16.1	24.1

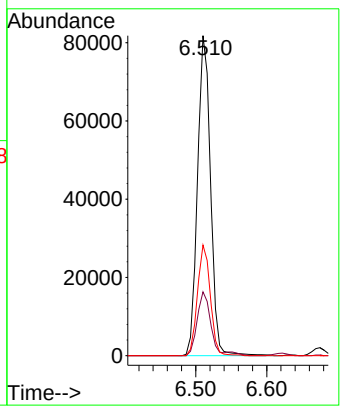




#7
Phenol-d6
Concen: 19.395 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 99 Resp: 10467

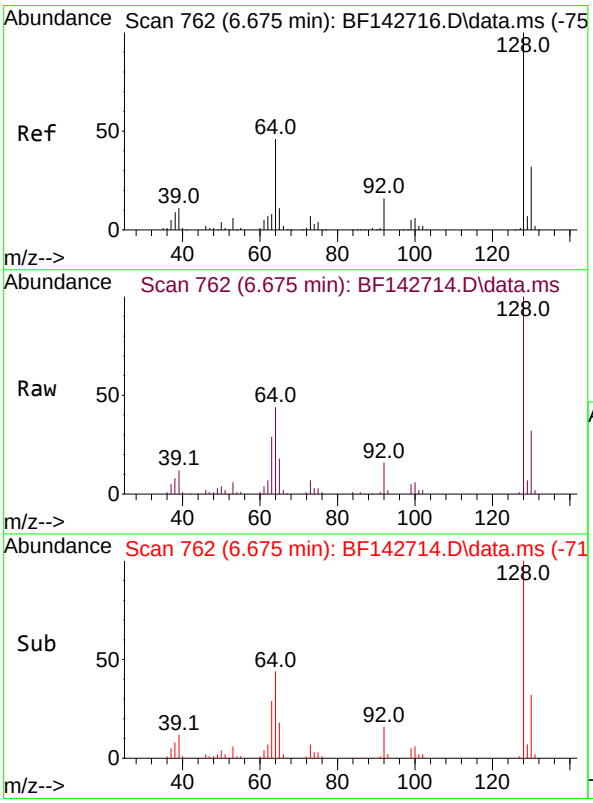
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.6	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

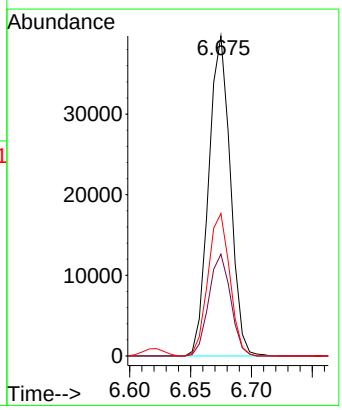
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

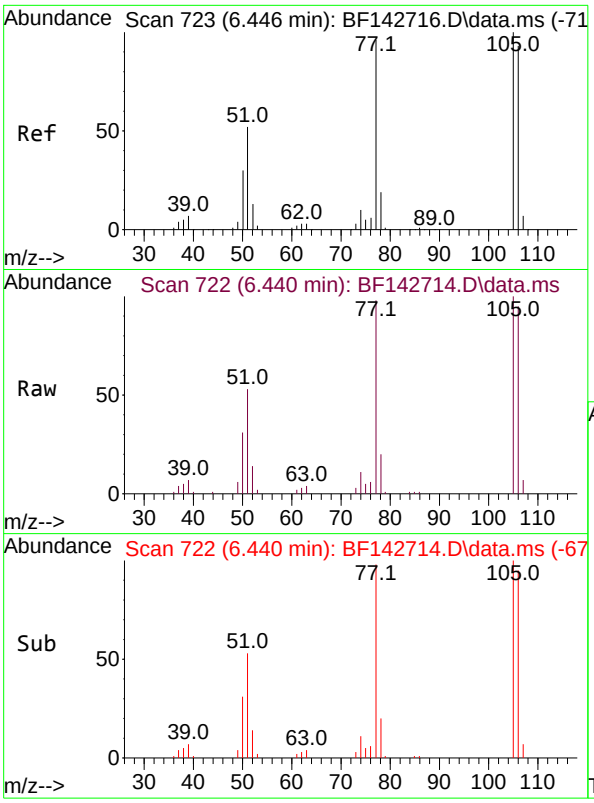


#8
2-Chlorophenol
Concen: 9.712 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:128 Resp: 49015

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	44.5	26.5	66.5

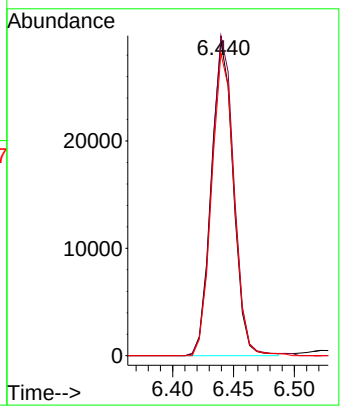




#9
Benzaldehyde
Concen: 12.061 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 77 Resp: 3687

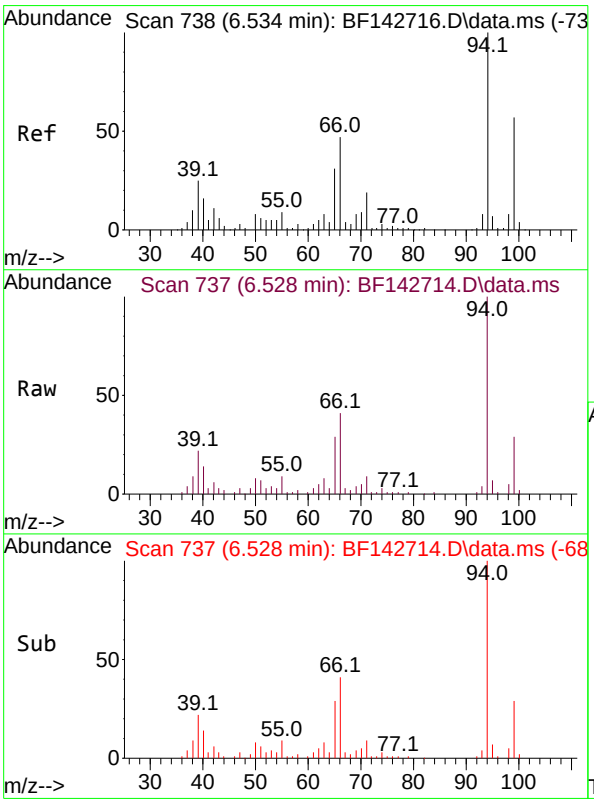
Ion	Ratio	Lower	Upper
77	100		
105	101.8	84.1	124.1
106	96.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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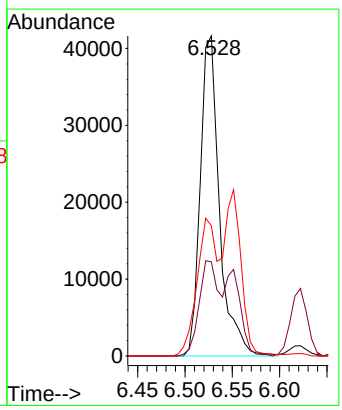
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

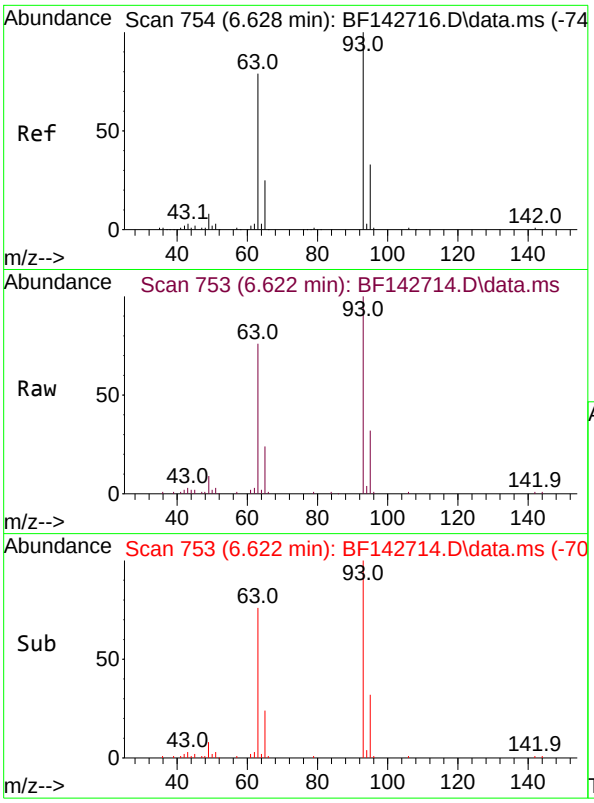


#10
Phenol
Concen: 9.750 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 94 Resp: 58767

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.4	51.4
66	40.7	26.7	66.7

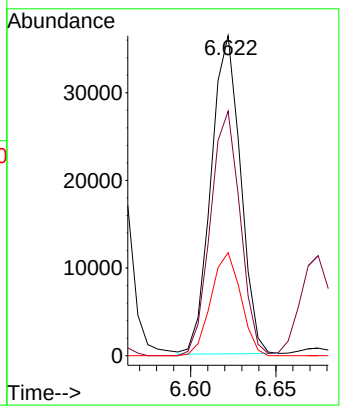




#11
bis(2-Chloroethyl)ether
Concen: 9.901 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 93 Resp: 4371

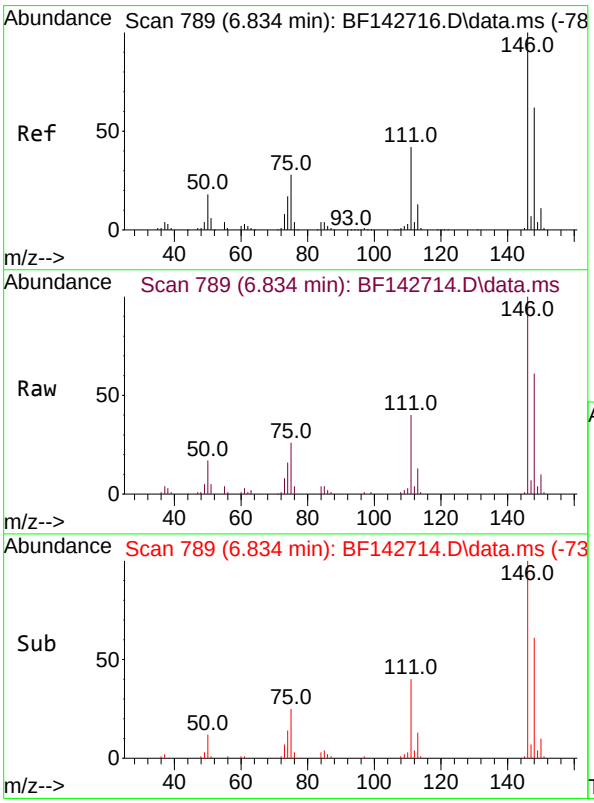
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.3	98.3
95	32.2	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

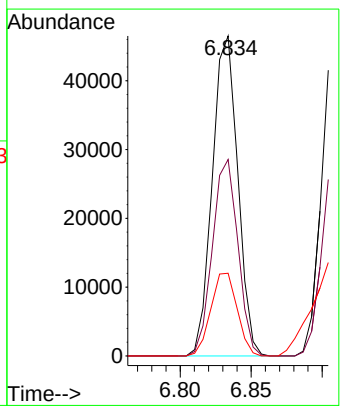
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

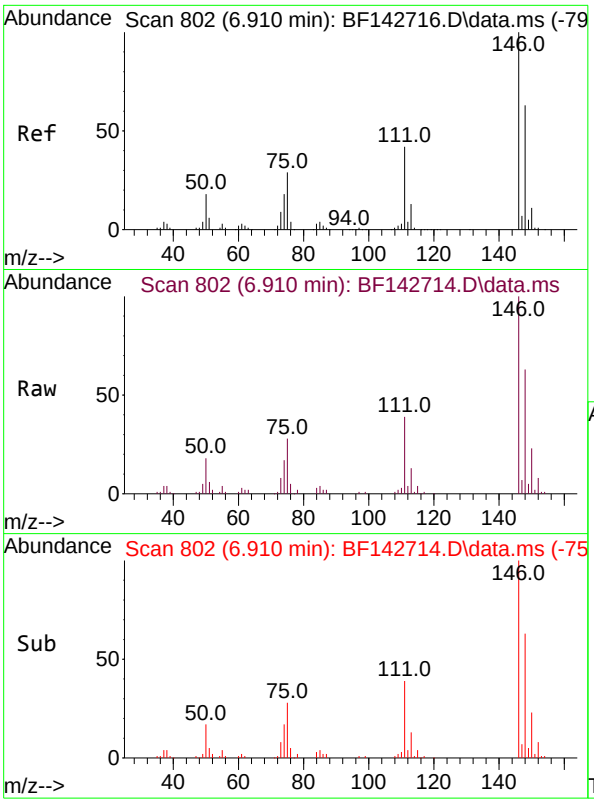


#12
1,3-Dichlorobenzene
Concen: 10.261 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:146 Resp: 57969

Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.9	74.9
75	25.8	22.6	34.0

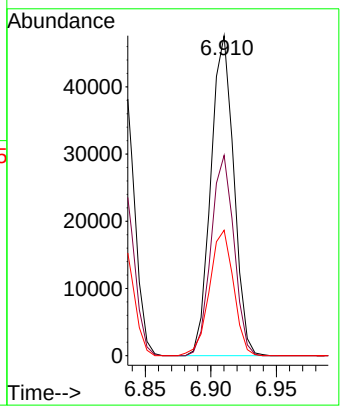




#13
1,4-Dichlorobenzene
Concen: 10.078 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:146 Resp: 5800

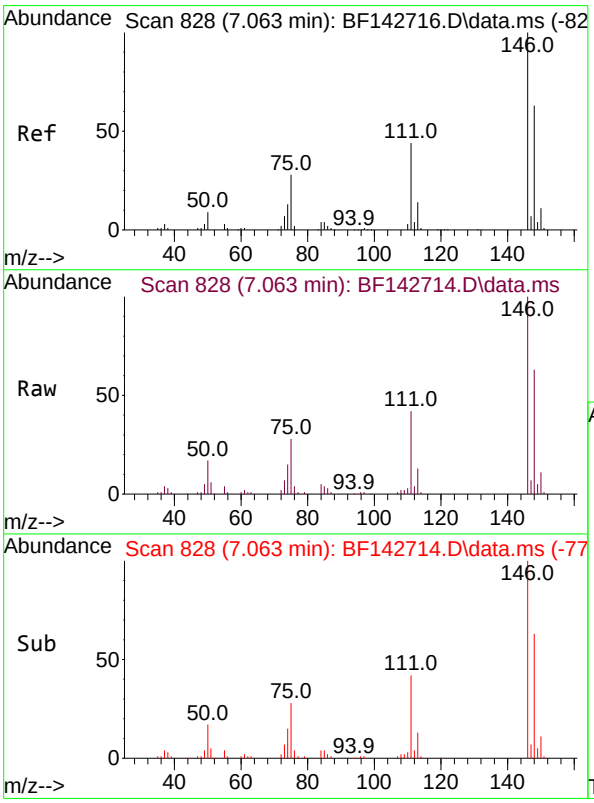
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	39.2	33.6	50.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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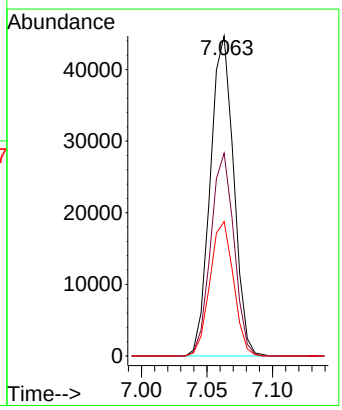
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

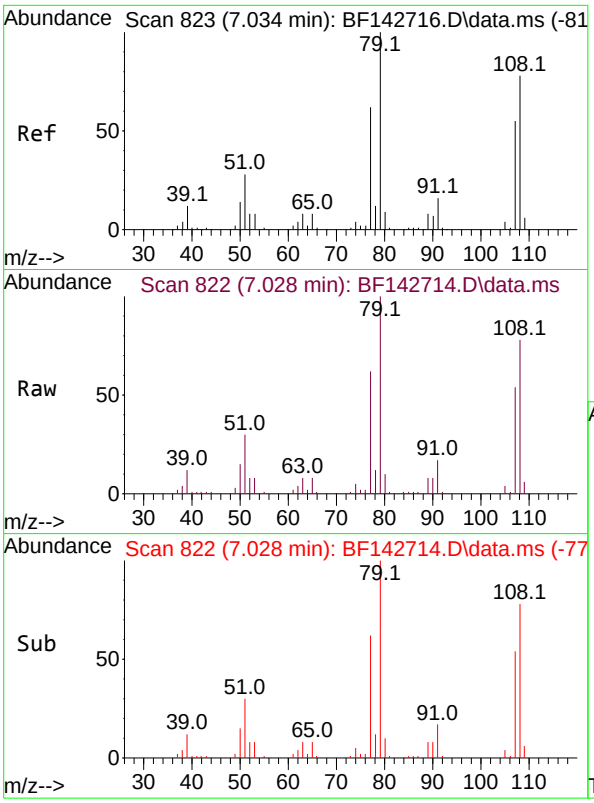


#14
1,2-Dichlorobenzene
Concen: 10.101 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:146 Resp: 55430

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	42.0	35.2	52.8

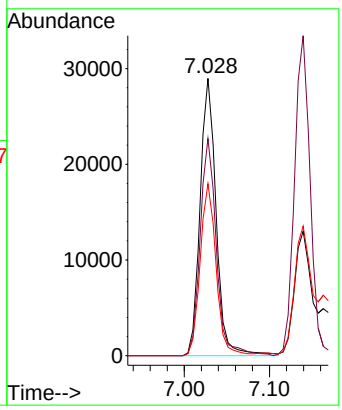




#15
Benzyl Alcohol
Concen: 9.523 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 79 Resp: 3792

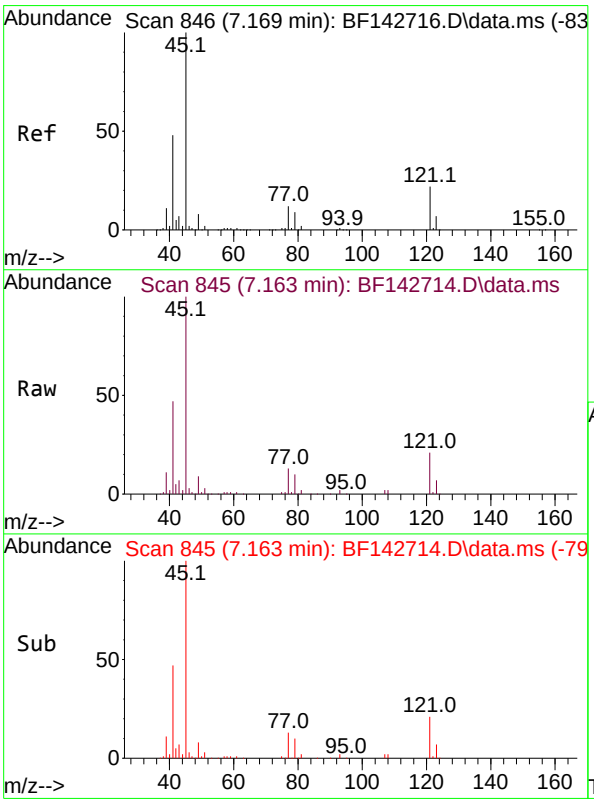
Ion	Ratio	Lower	Upper
79	100		
108	78.3	62.6	94.0
77	62.0	49.8	74.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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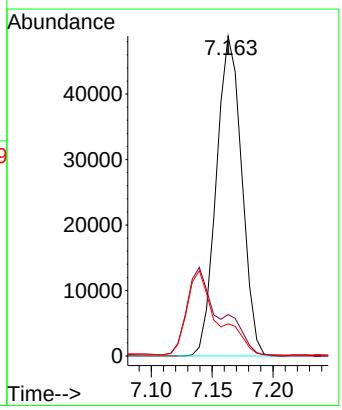
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

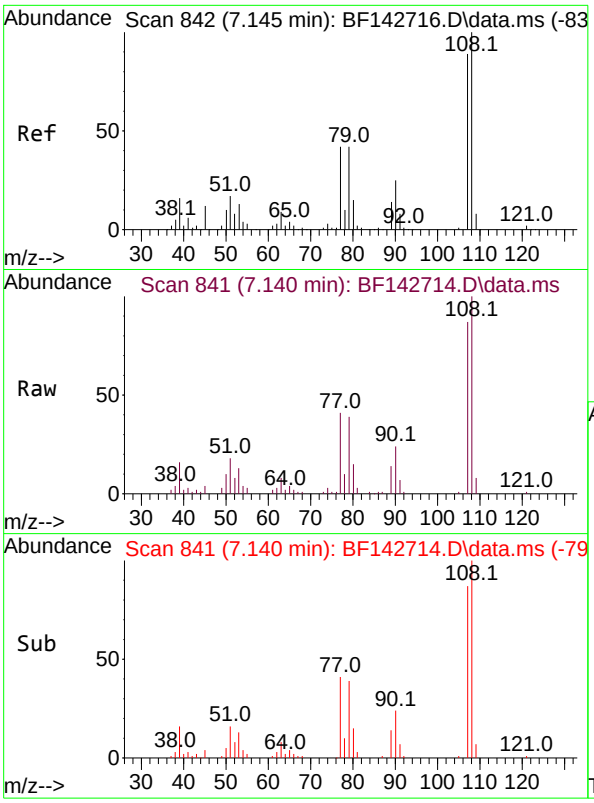


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.916 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 45 Resp: 70858

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.1
79	10.1	0.0	30.5

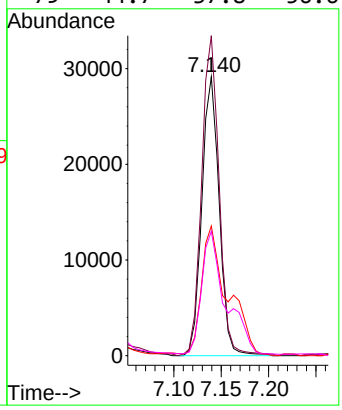




#17
2-Methylphenol
Concen: 9.649 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:107 Resp: 3715

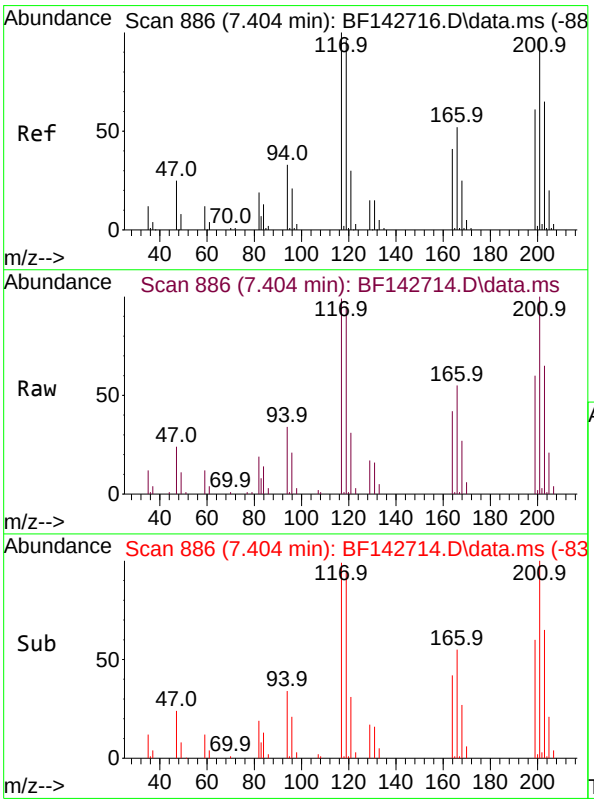
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.0	135.0
77	46.5	38.2	57.2
79	44.7	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

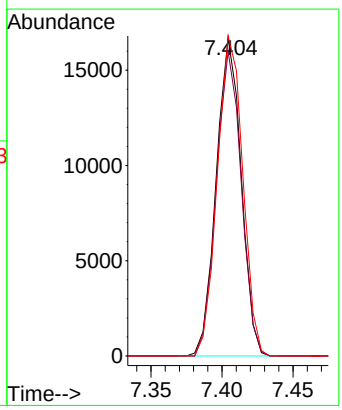
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

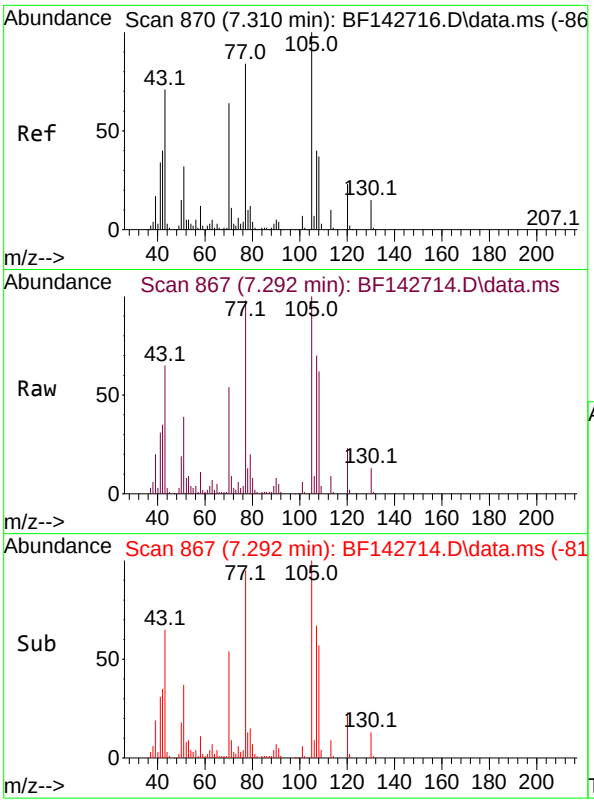


#18
Hexachloroethane
Concen: 10.200 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:117 Resp: 20359

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.4	114.6
201	100.6	77.8	116.6

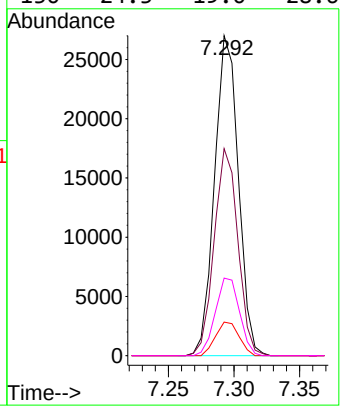




#19
n-Nitroso-di-n-propylamine
Concen: 10.659 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 70 Resp: 3402

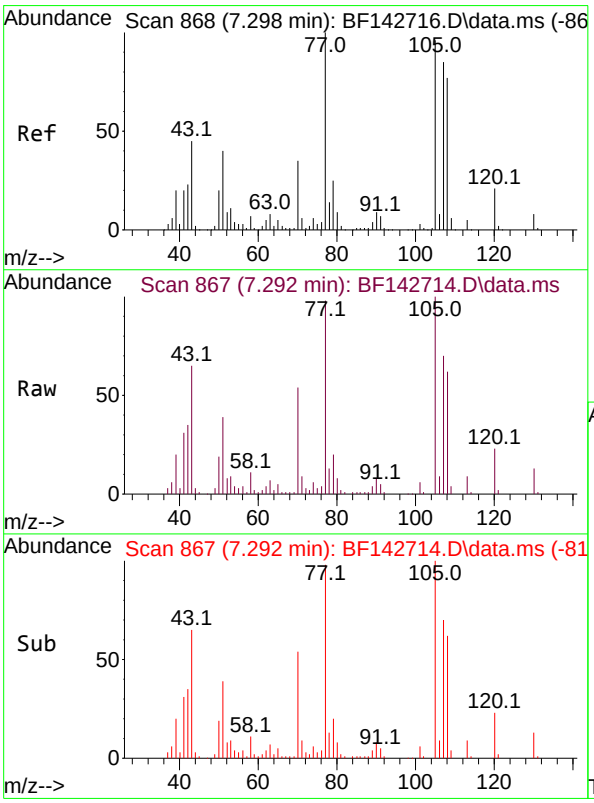
Ion	Ratio	Lower	Upper
70	100		
42	64.7	50.2	75.4
101	10.5	8.3	12.5
130	24.3	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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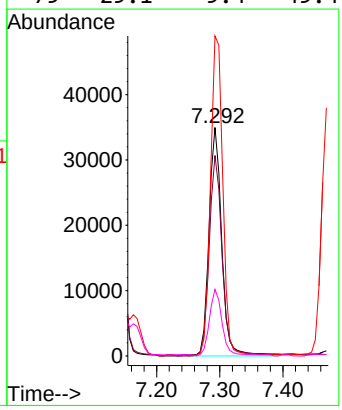
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

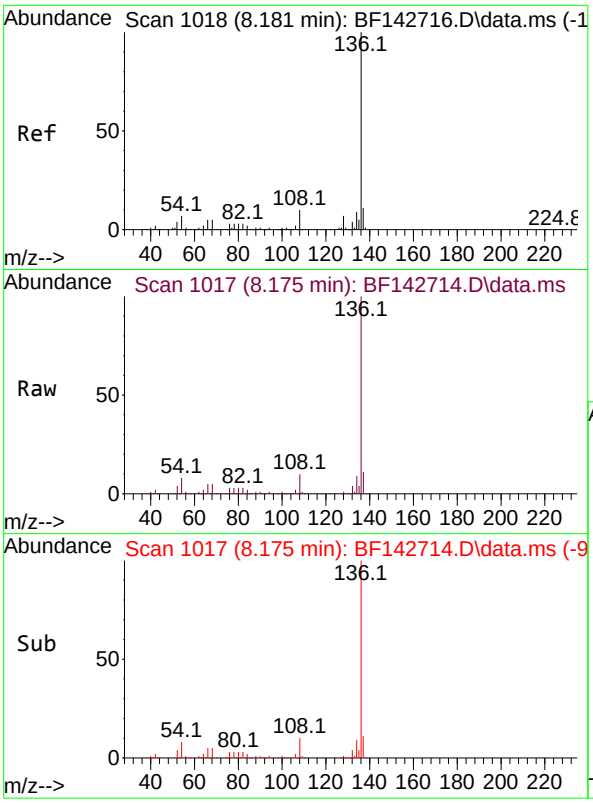


#20
3+4-Methylphenols
Concen: 10.358 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:107 Resp: 49292

Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.9	109.9
77	140.0	97.4	137.4#
79	29.1	9.4	49.4

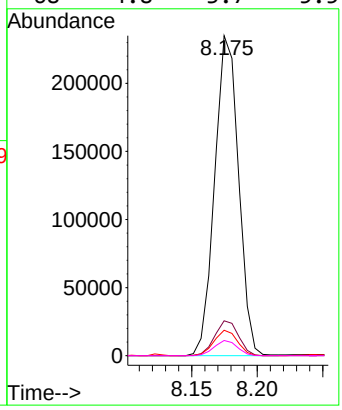




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:136 Resp: 29764

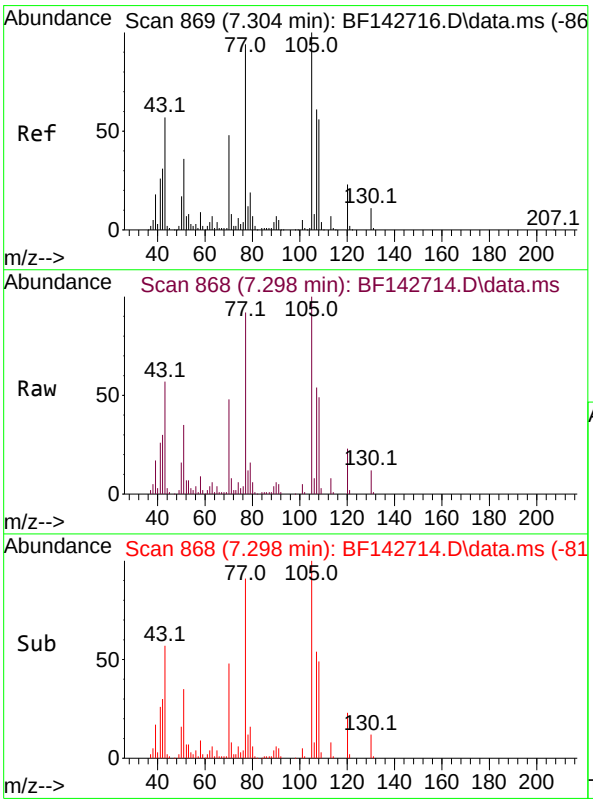
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	5.9	8.9
68	4.8	3.7	5.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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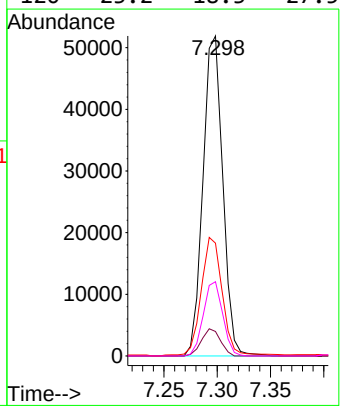
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

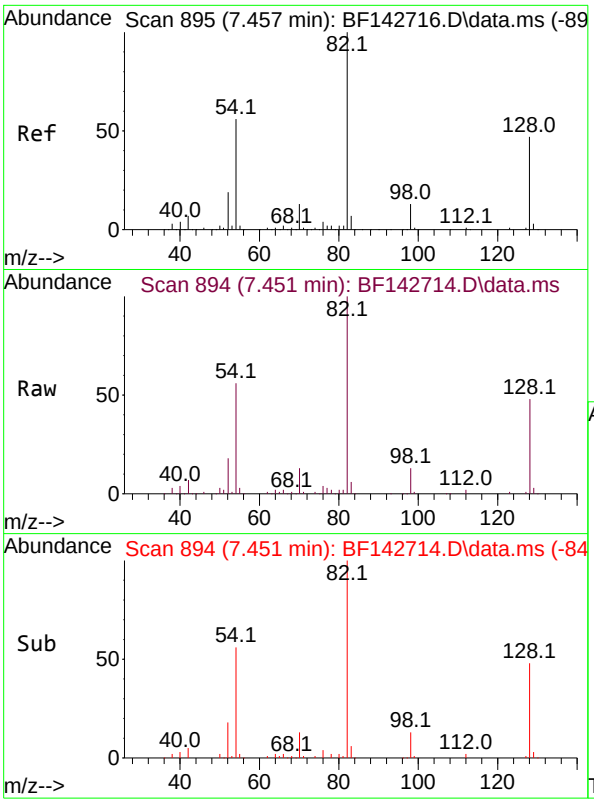


#22
Acetophenone
Concen: 10.307 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:105 Resp: 67100

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.4	9.6
51	35.3	29.1	43.7
120	23.2	18.3	27.5

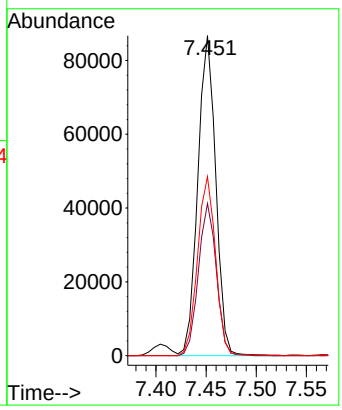




#23
Nitrobenzene-d5
Concen: 19.910 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 82 Resp: 10803

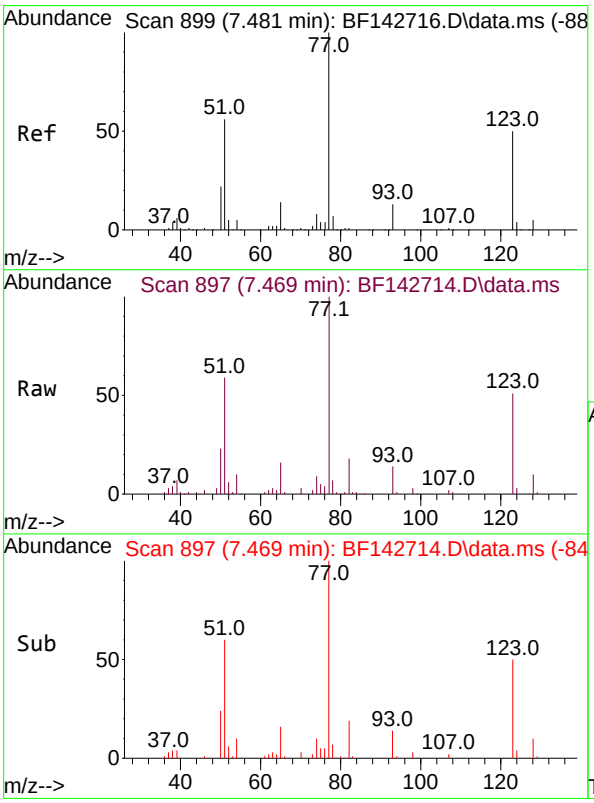
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.8
54	56.0	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

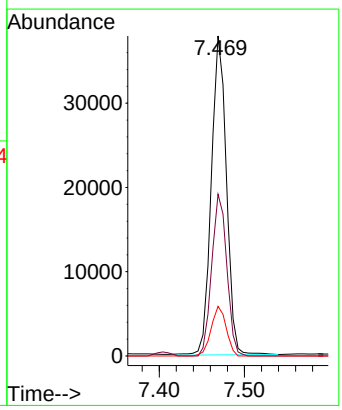
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

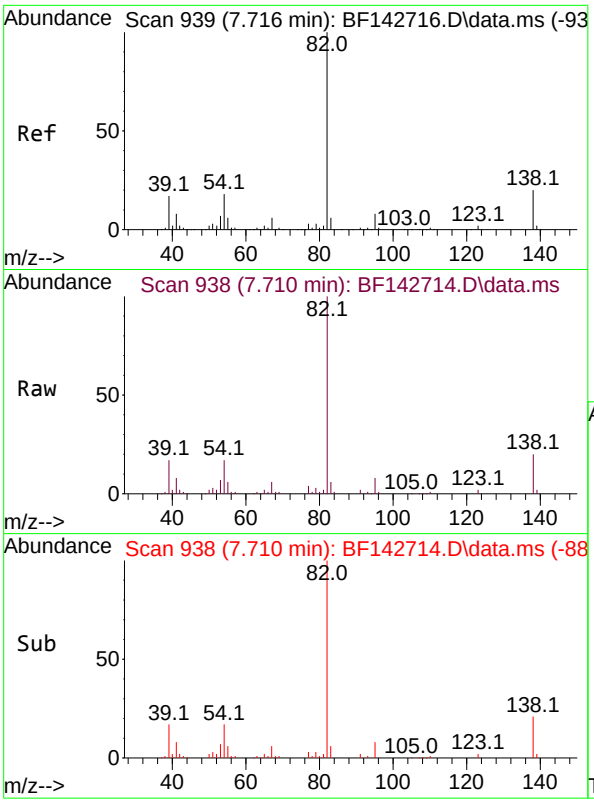


#24
Nitrobenzene
Concen: 9.556 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 77 Resp: 46653

Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.8	61.2
65	15.5	11.5	17.3

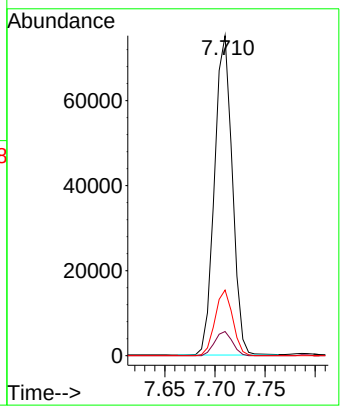




#25
Isophorone
Concen: 10.409 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 82 Resp: 9243

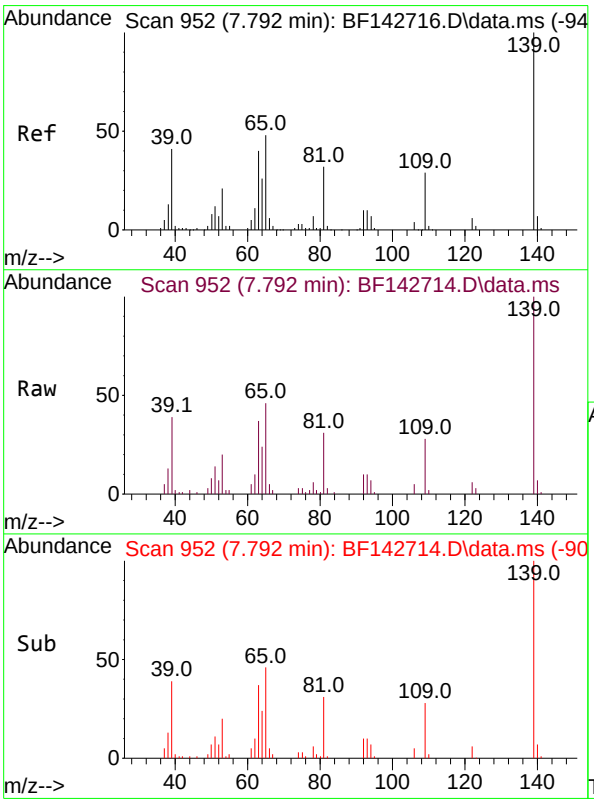
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

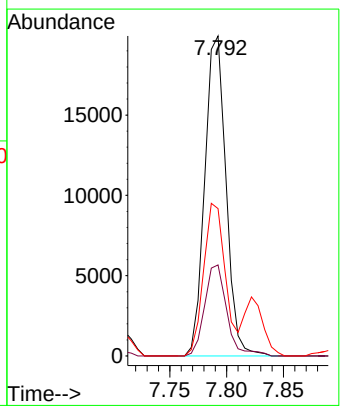
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

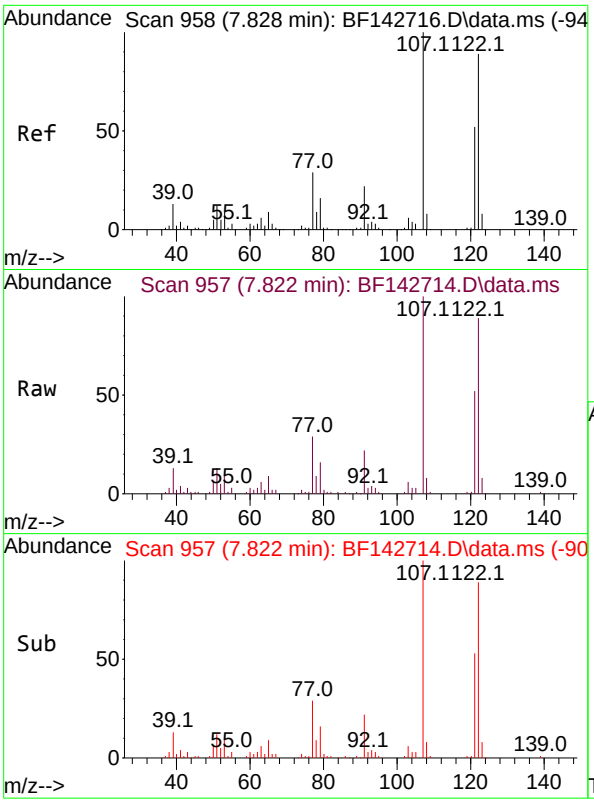


#26
2-Nitrophenol
Concen: 9.646 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:139 Resp: 25953

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.4	35.2
65	46.1	38.7	58.1

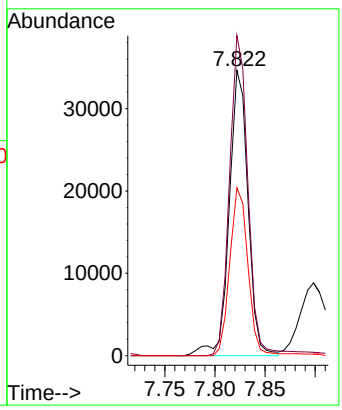




#27
2,4-Dimethylphenol
Concen: 9.823 ng
RT: 7.822 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:122 Resp: 4507

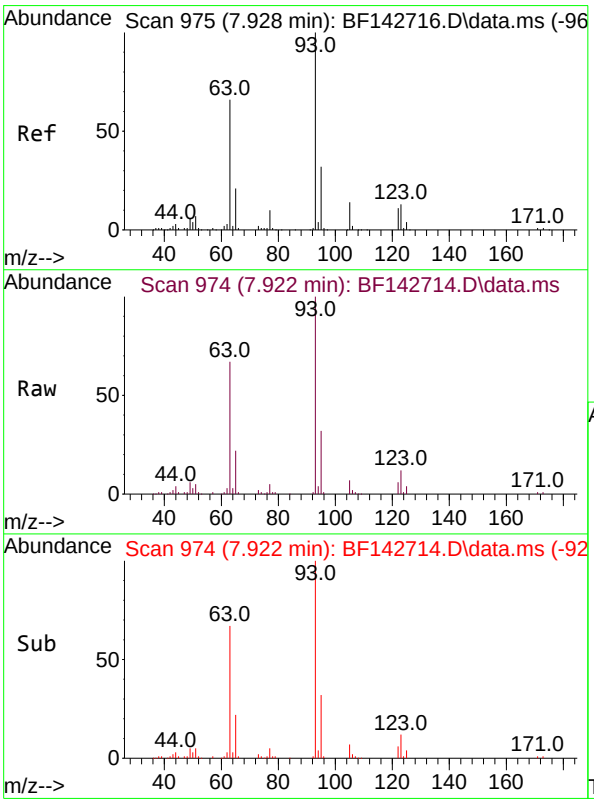
Ion	Ratio	Lower	Upper
122	100		
107	112.2	90.4	135.6
121	58.8	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

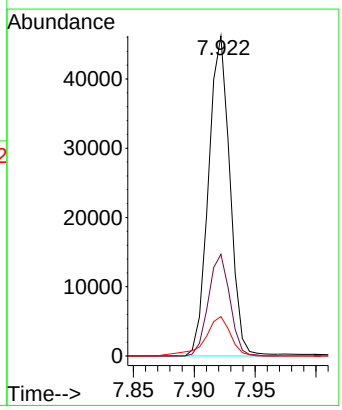
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

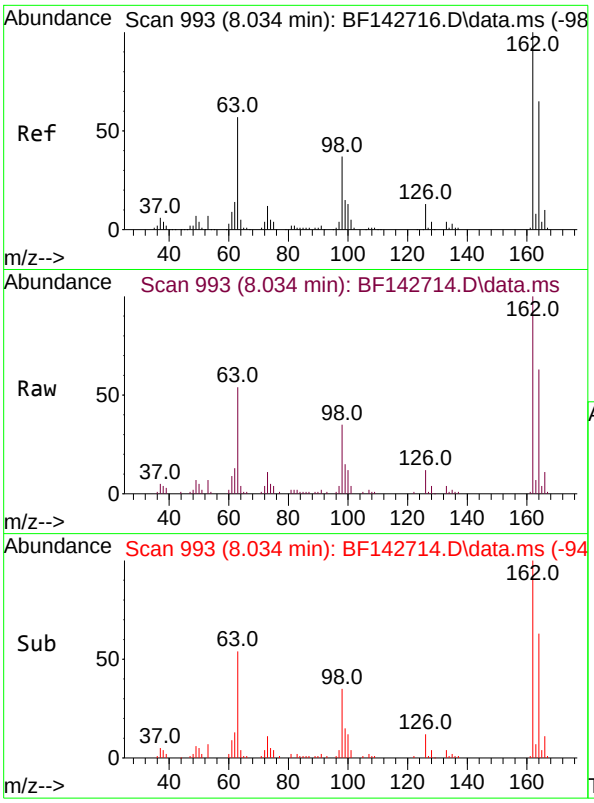


#28
bis(2-Chloroethoxy)methane
Concen: 10.270 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 93 Resp: 56675

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.9	38.9
123	12.3	10.3	15.5

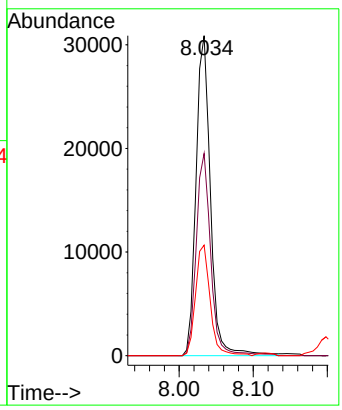




#29
2,4-Dichlorophenol
Concen: 10.033 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:162 Resp: 4184

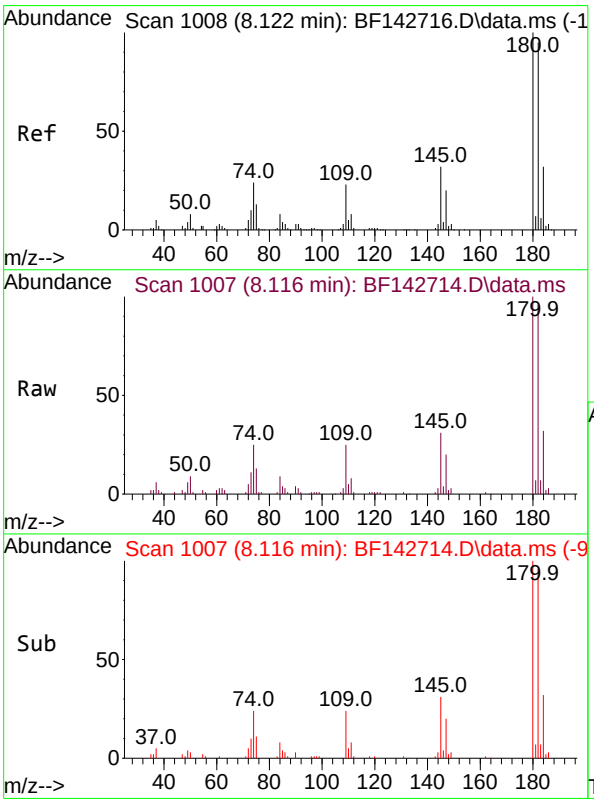
Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.1	85.1
98	34.6	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

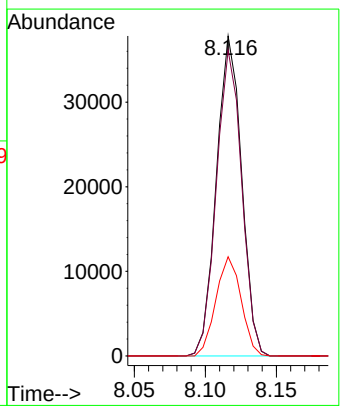
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

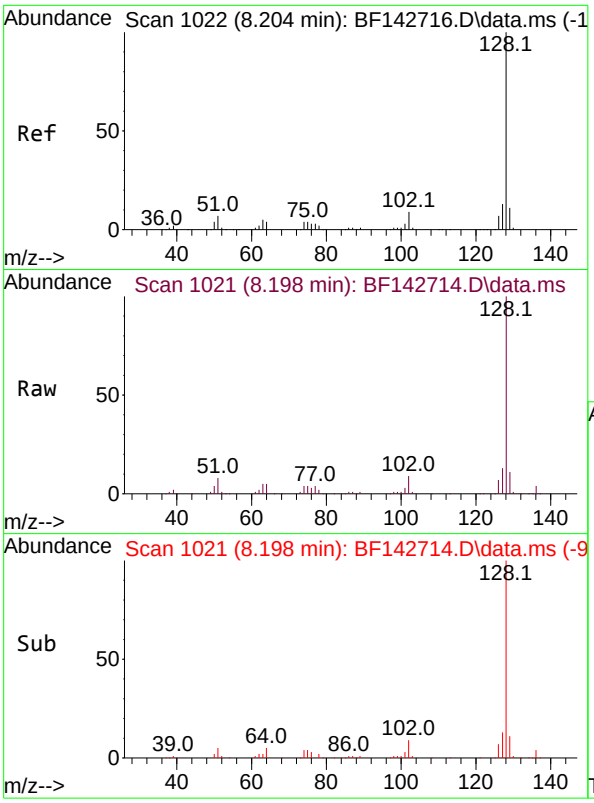


#30
1,2,4-Trichlorobenzene
Concen: 10.130 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:180 Resp: 46583

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.9	113.9
145	31.0	25.7	38.5

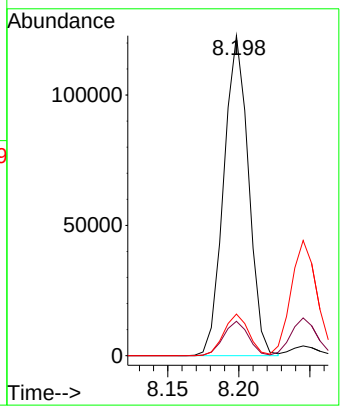




#31
Naphthalene
Concen: 10.116 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:128 Resp: 14839

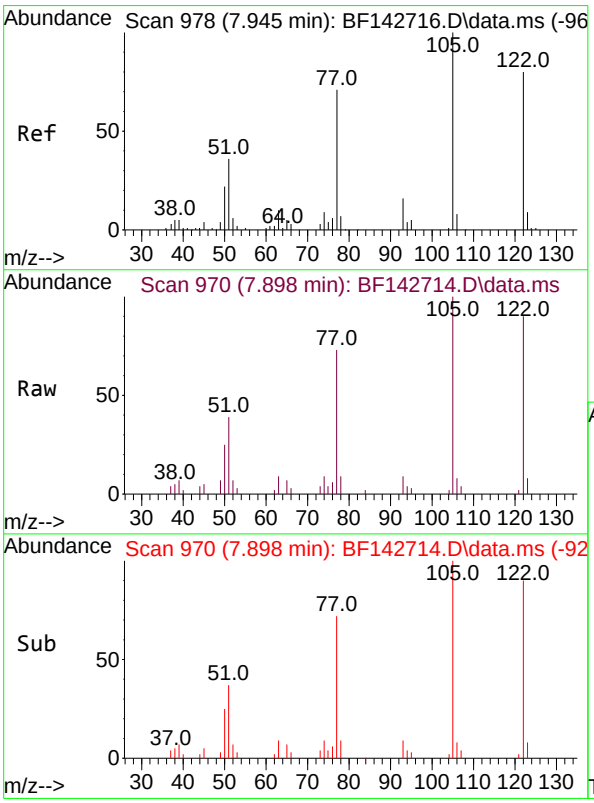
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

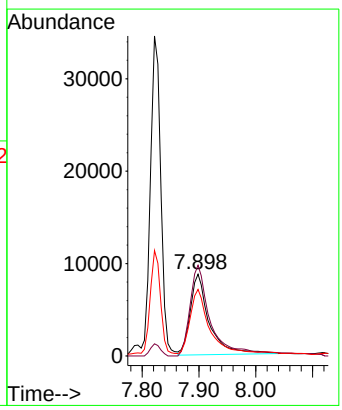
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

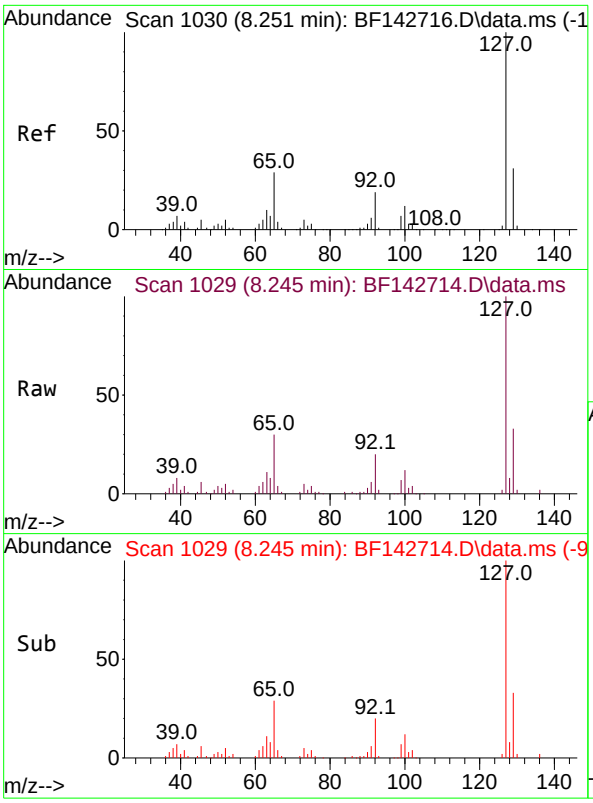


#32
Benzoic acid
Concen: 7.420 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.047 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:122 Resp: 20380

Ion	Ratio	Lower	Upper
122	100		
105	111.0	102.6	142.6
77	81.4	68.2	108.2

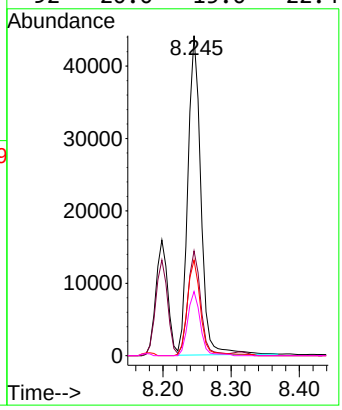




#33
4-Chloroaniline
Concen: 9.627 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:127 Resp: 5795

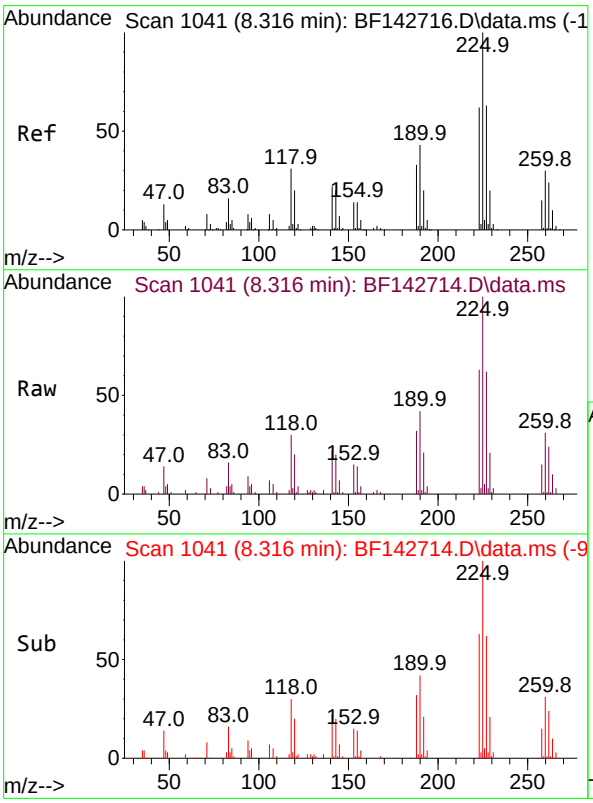
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	29.8	23.0	34.4
92	20.0	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

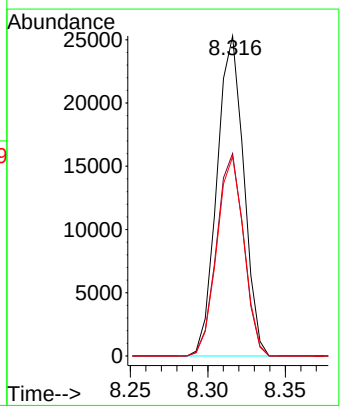
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

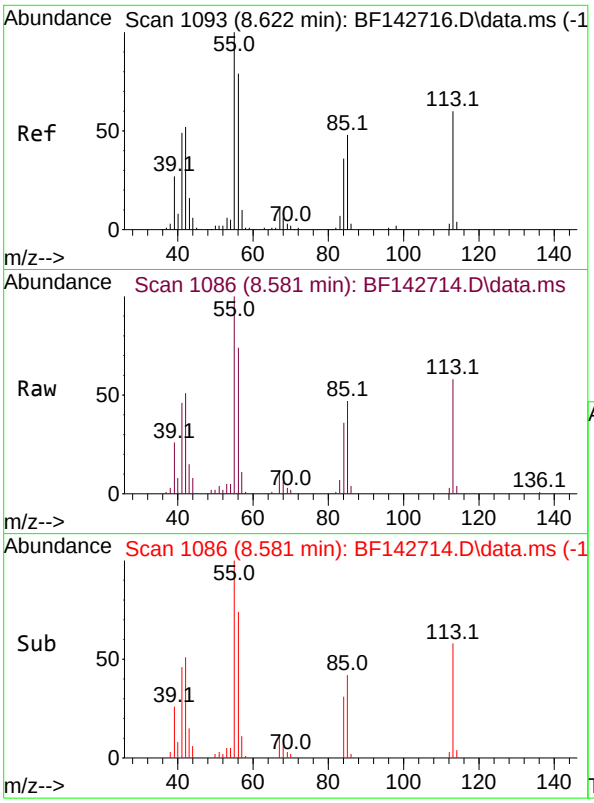


#34
Hexachlorobutadiene
Concen: 10.686 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:225 Resp: 30416

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.3	73.9
227	62.3	50.6	75.8

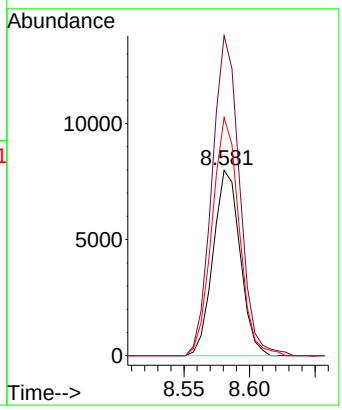




#35
Caprolactam
Concen: 9.021 ng
RT: 8.581 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:113 Resp: 1140

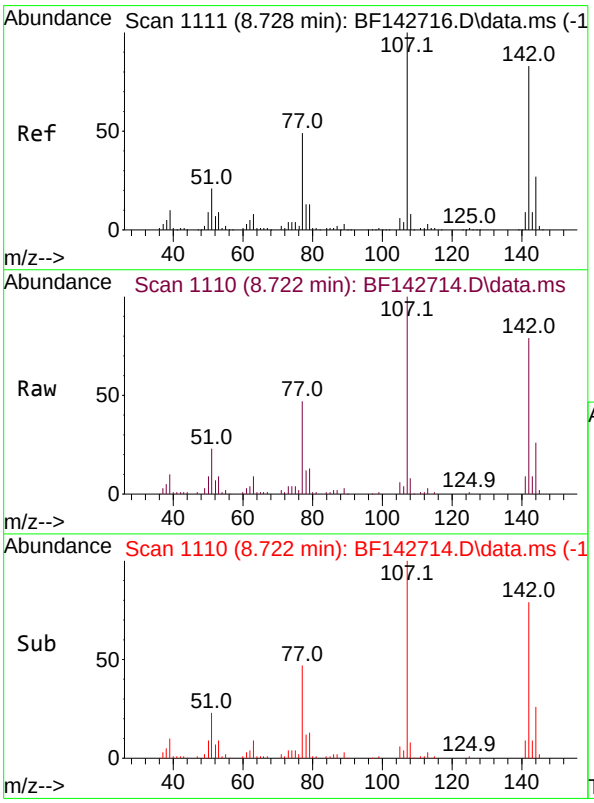
Ion	Ratio	Lower	Upper
113	100		
55	172.5	147.9	187.9
56	128.5	111.9	151.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

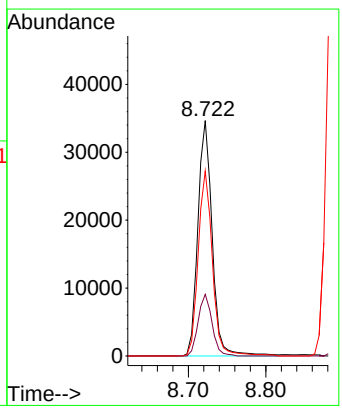
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

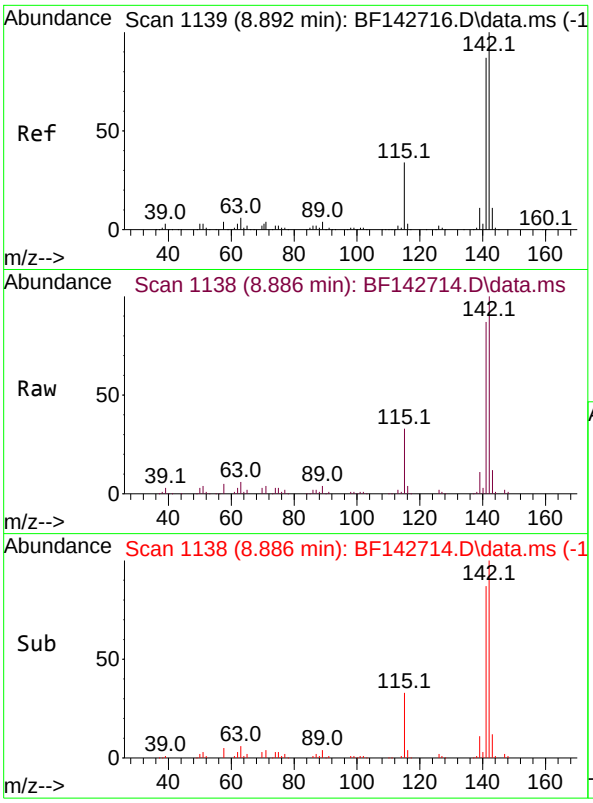


#36
4-Chloro-3-methylphenol
Concen: 10.173 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:107 Resp: 44561

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.3	31.9
142	78.5	66.2	99.2

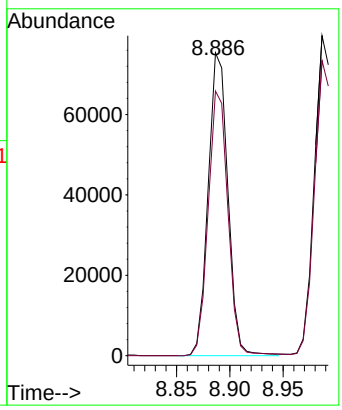




#37
2-Methylnaphthalene
Concen: 10.341 ng
RT: 8.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:142 Resp: 9665

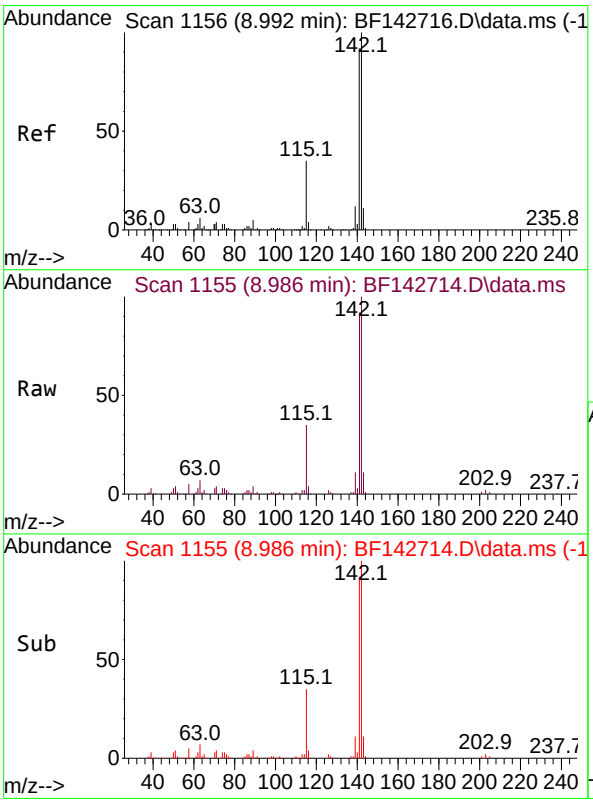
Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

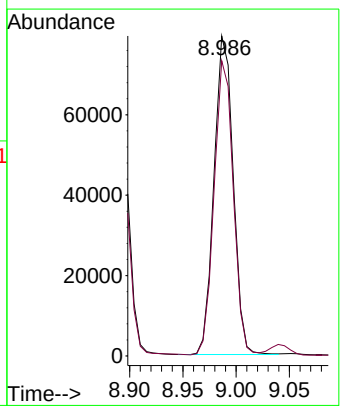
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

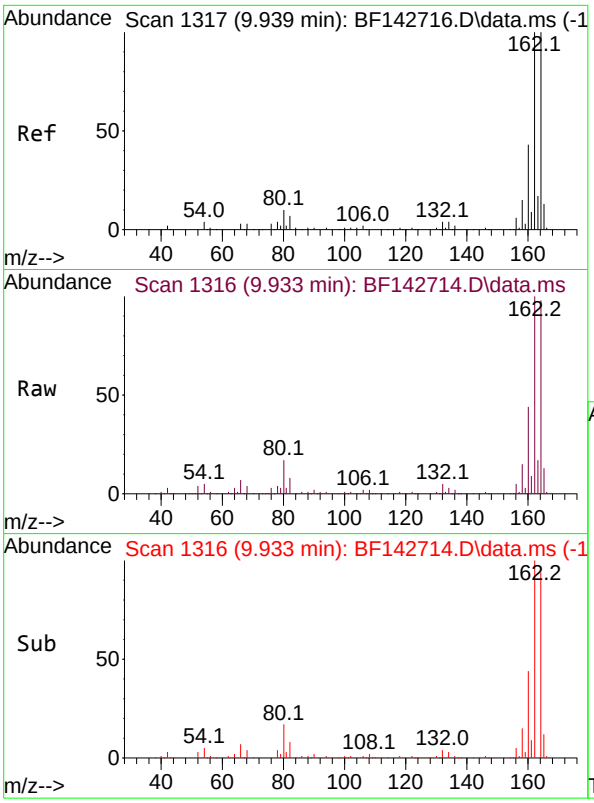


#38
1-Methylnaphthalene
Concen: 10.283 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:142 Resp: 99084

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3

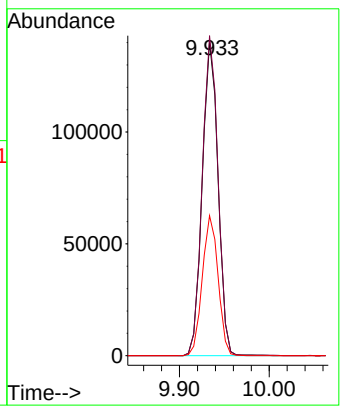




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:164 Resp: 17129

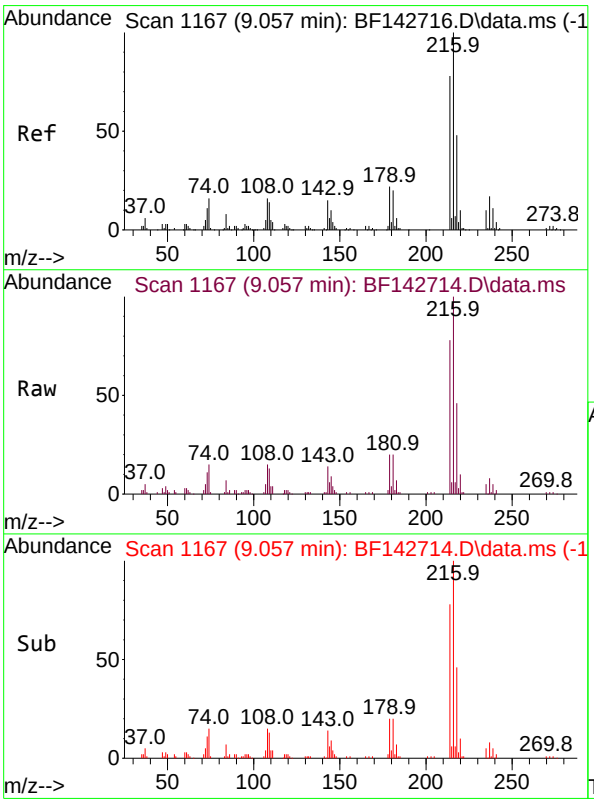
Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	44.6	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

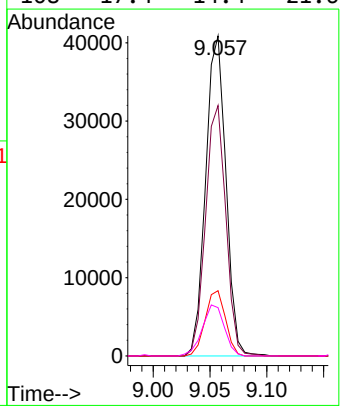
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

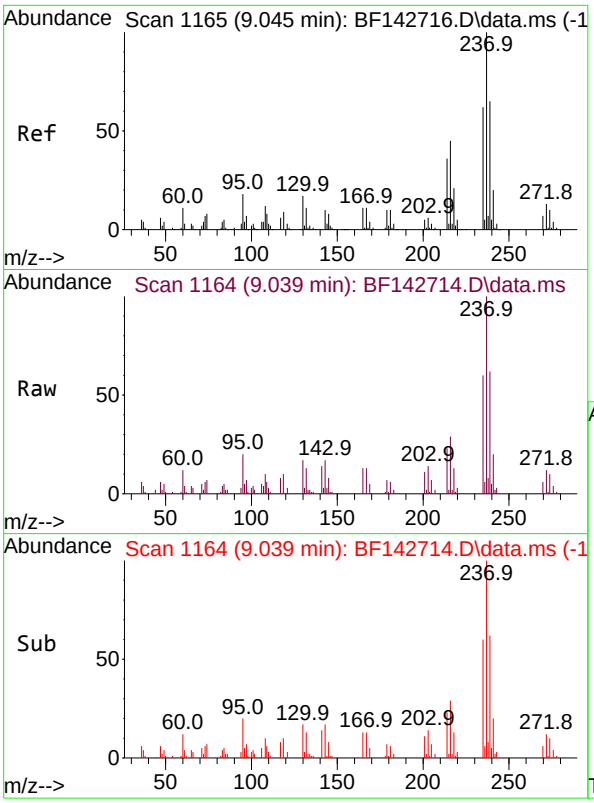


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.170 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:216 Resp: 50666

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.6	94.0
179	20.5	17.1	25.7
108	17.4	14.4	21.6

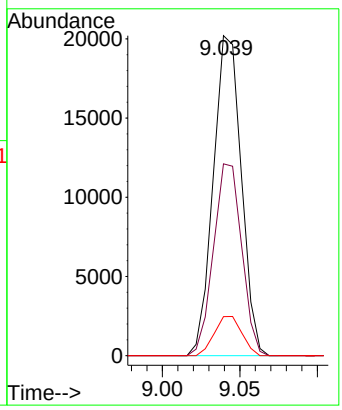




#41
Hexachlorocyclopentadiene
Concen: 8.555 ng
RT: 9.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:237 Resp: 2542

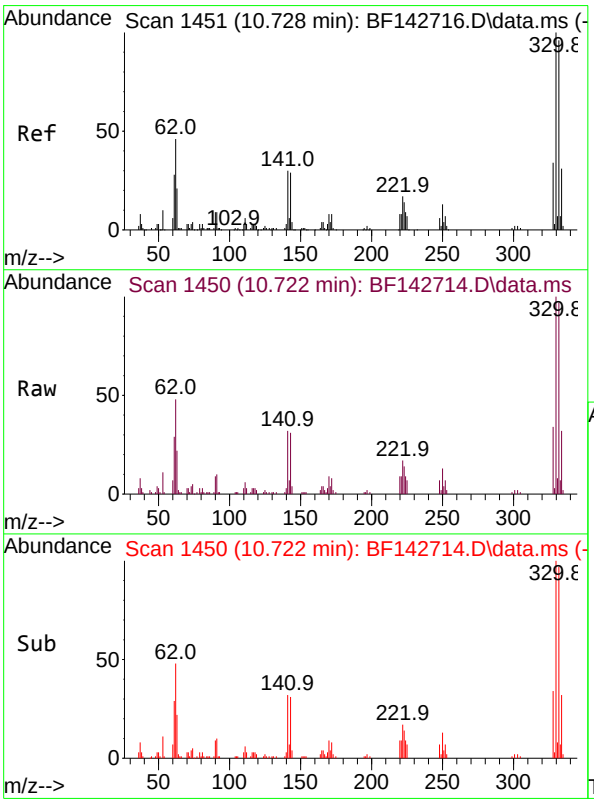
Ion	Ratio	Lower	Upper
237	100		
235	60.0	41.9	81.9
272	12.2	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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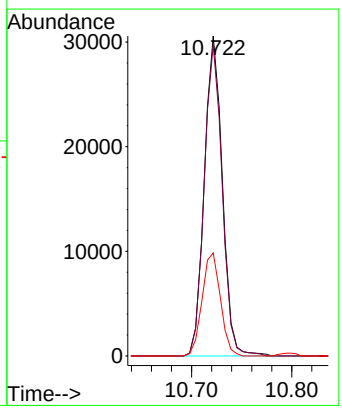
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

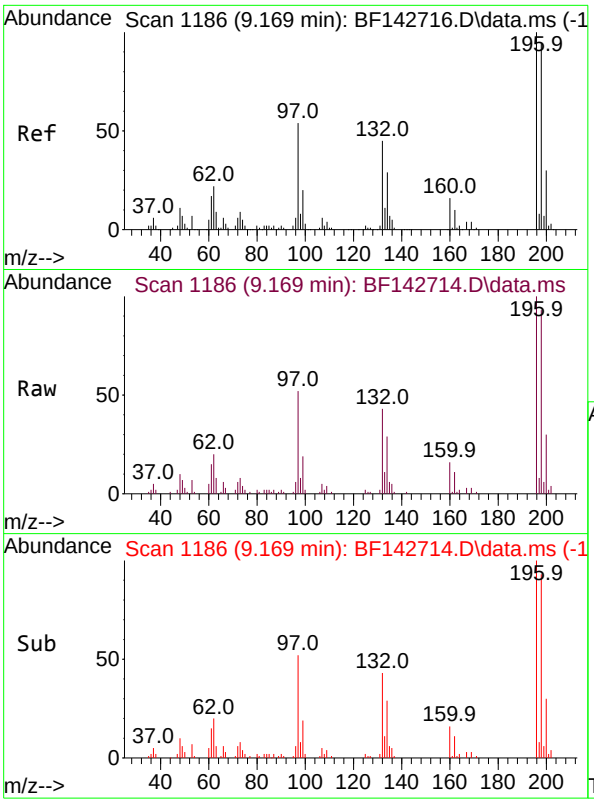


#42
2,4,6-Tribromophenol
Concen: 19.941 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:330 Resp: 38257

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.8	25.4	38.0

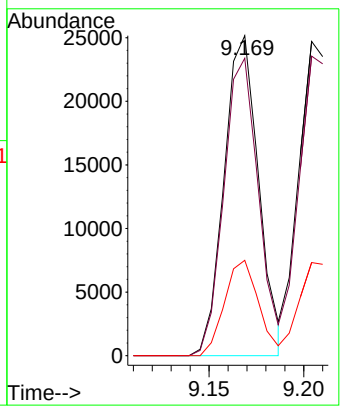




#43
2,4,6-Trichlorophenol
Concen: 9.820 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:196 Resp: 3196

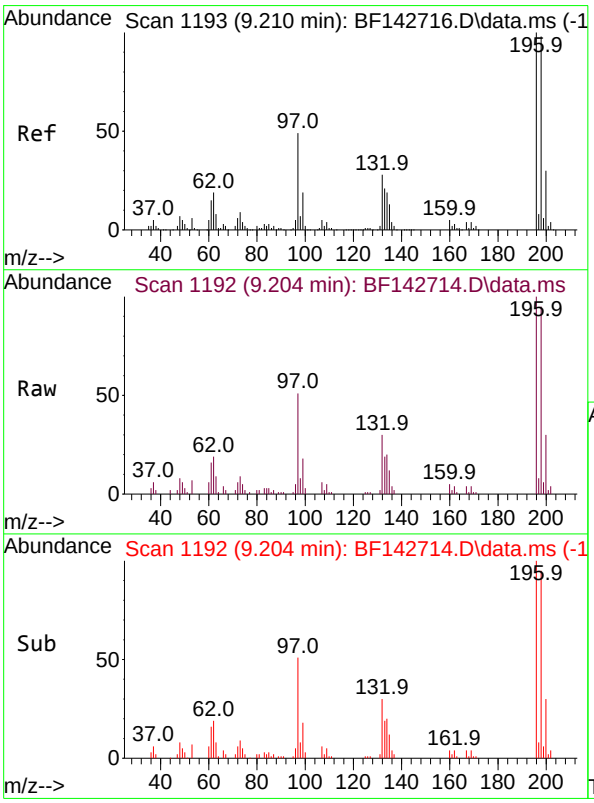
Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.5	113.3
200	29.8	23.8	35.8



Instrument :
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ClientSampleId :
SSTDICC010

Manual Integrations
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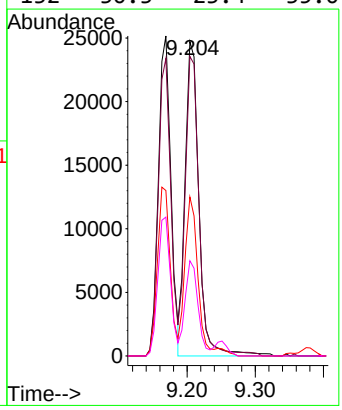
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

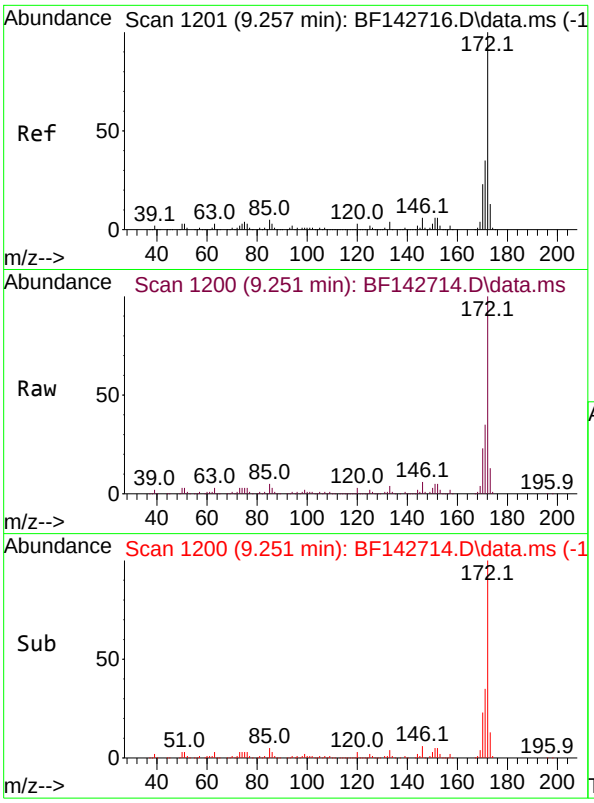


#44
2,4,5-Trichlorophenol
Concen: 9.940 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:196 Resp: 34641

Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
97	50.6	38.6	57.8
132	30.3	23.4	35.0

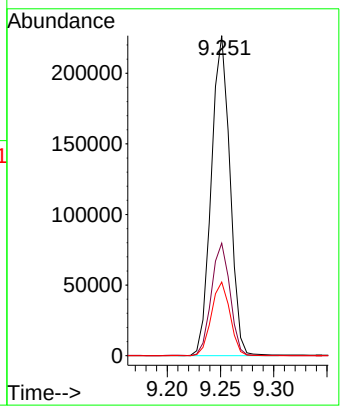




#45
2-Fluorobiphenyl
Concen: 21.861 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:172 Resp: 27575

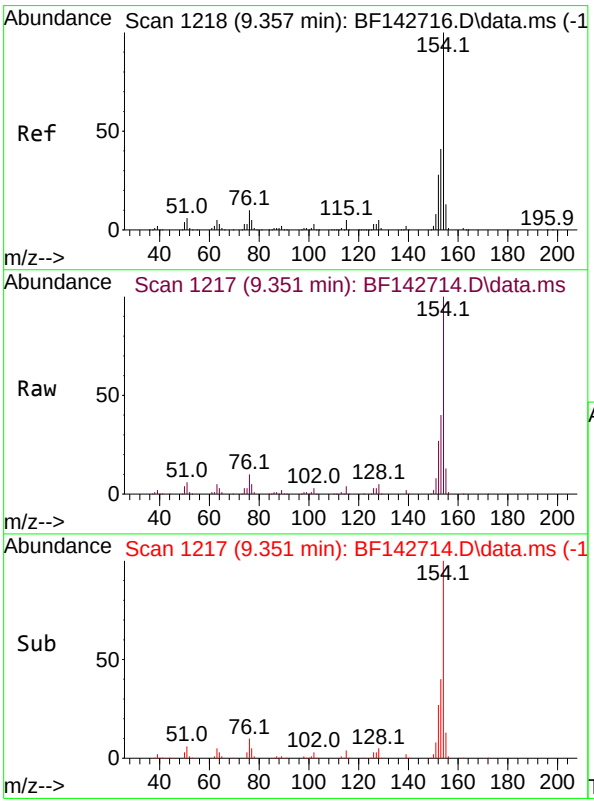
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.0	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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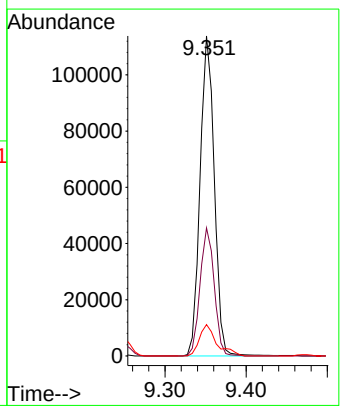
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

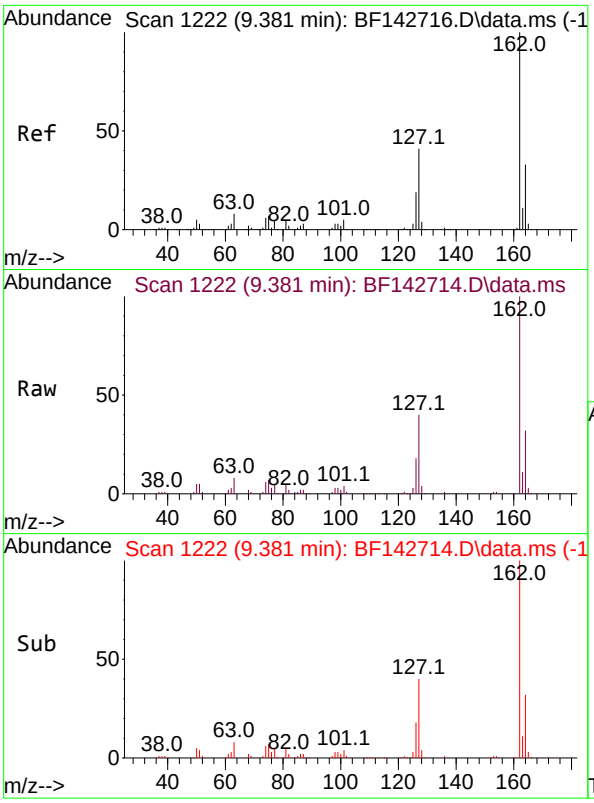


#46
1,1'-Biphenyl
Concen: 10.404 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:154 Resp: 138529

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	9.8	0.0	30.2

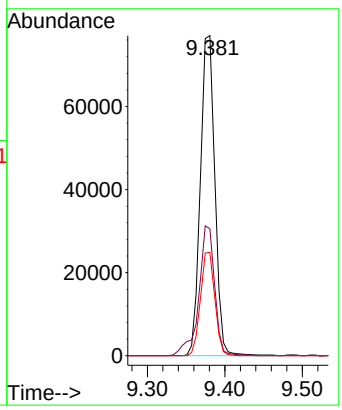




#47
2-Chloronaphthalene
Concen: 10.076 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:162 Resp: 10037

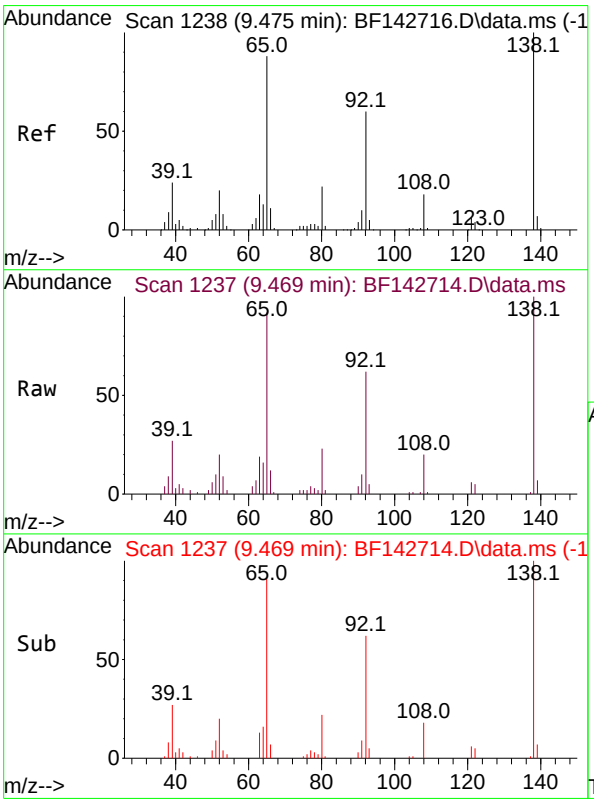
Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.5	50.3
164	32.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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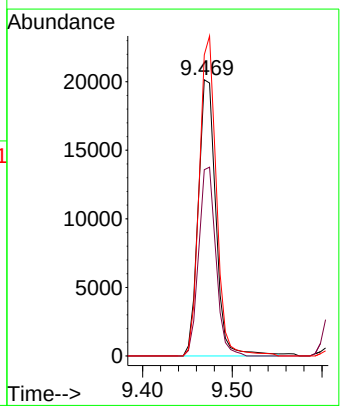
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

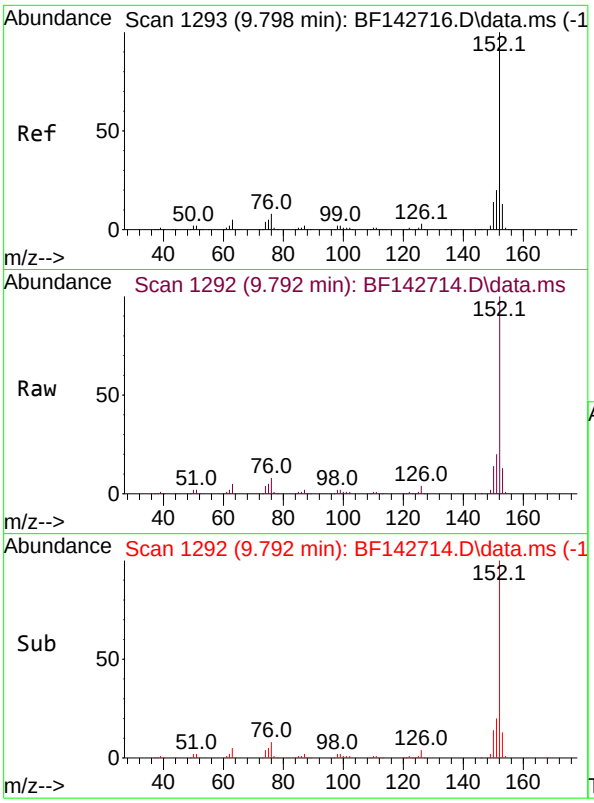


#48
2-Nitroaniline
Concen: 9.351 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 65 Resp: 27476

Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.5	81.7
138	109.0	90.6	136.0

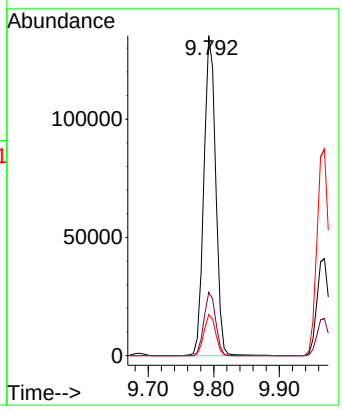




#49
Acenaphthylene
Concen: 10.293 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:152 Resp: 17008

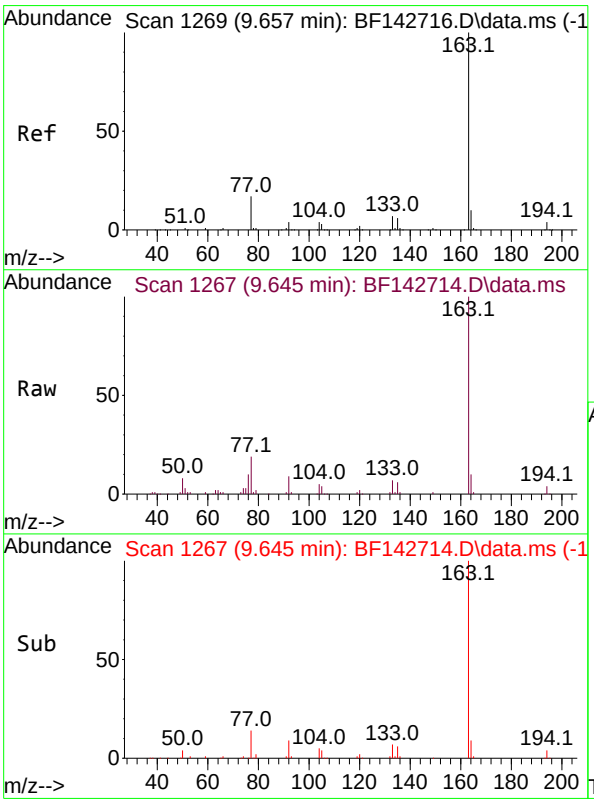
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.8	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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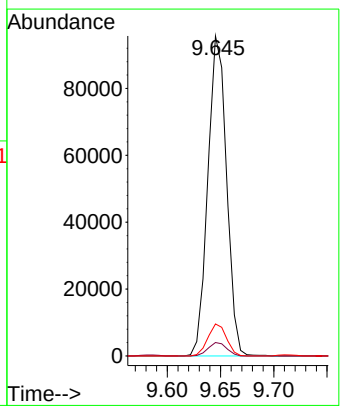
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

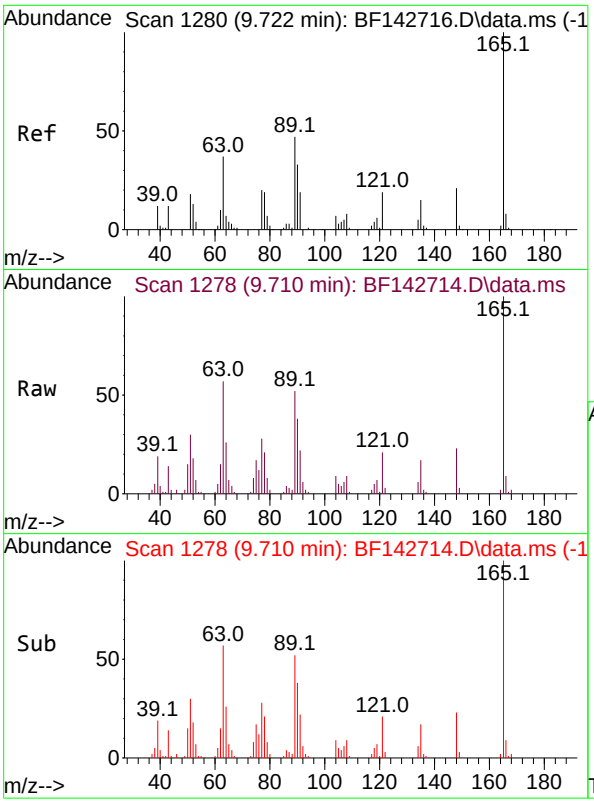


#50
Dimethylphthalate
Concen: 10.171 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:163 Resp: 117189

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	8.0	12.0

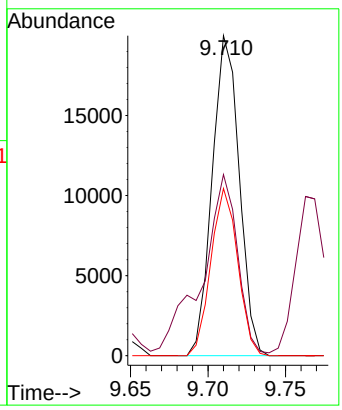




#51
2,6-Dinitrotoluene
Concen: 9.703 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:165 Resp: 2426

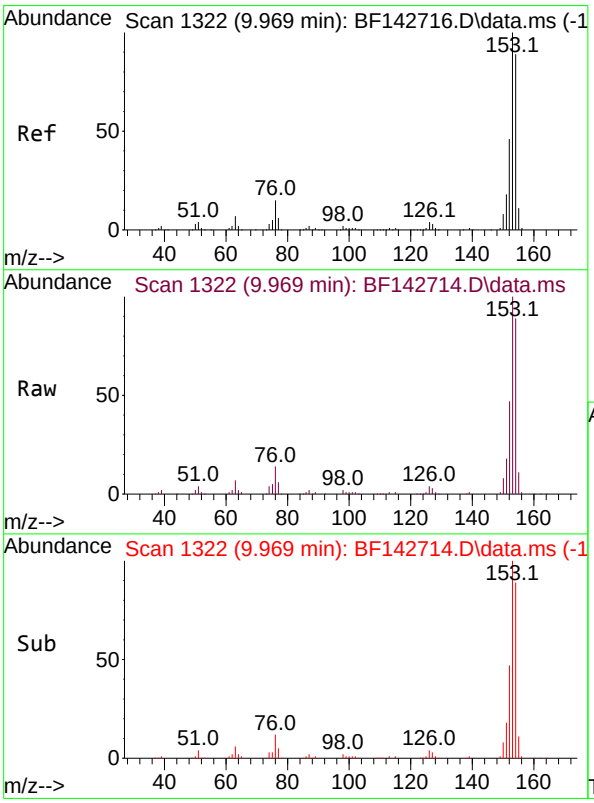
Ion	Ratio	Lower	Upper
165	100		
63	56.6	40.6	60.8
89	52.3	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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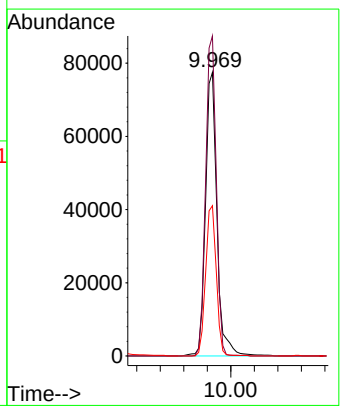
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

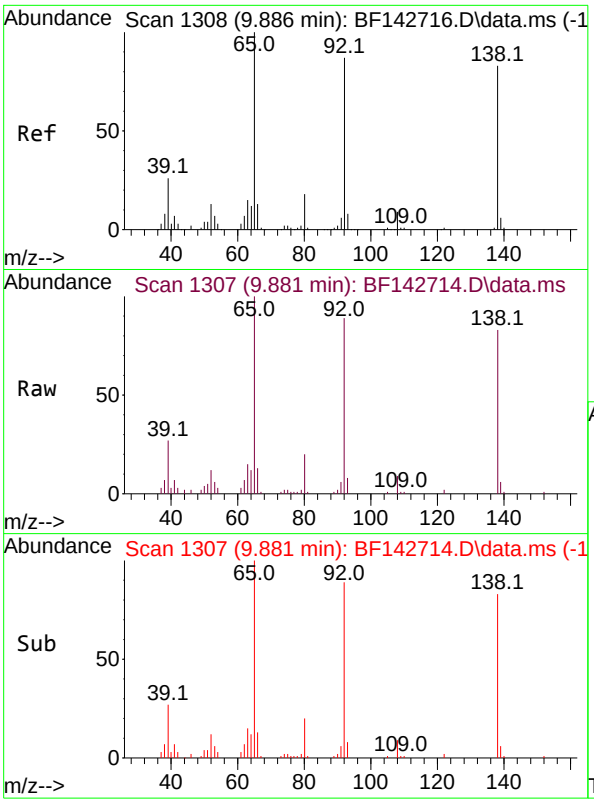


#52
Acenaphthene
Concen: 10.345 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:154 Resp: 104654

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.1	135.1
152	53.0	41.9	62.9





#53
3-Nitroaniline
Concen: 9.637 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

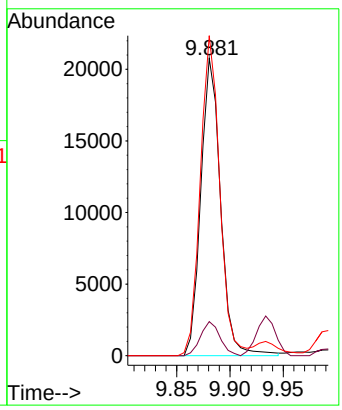
Tgt Ion:138 Resp: 2681

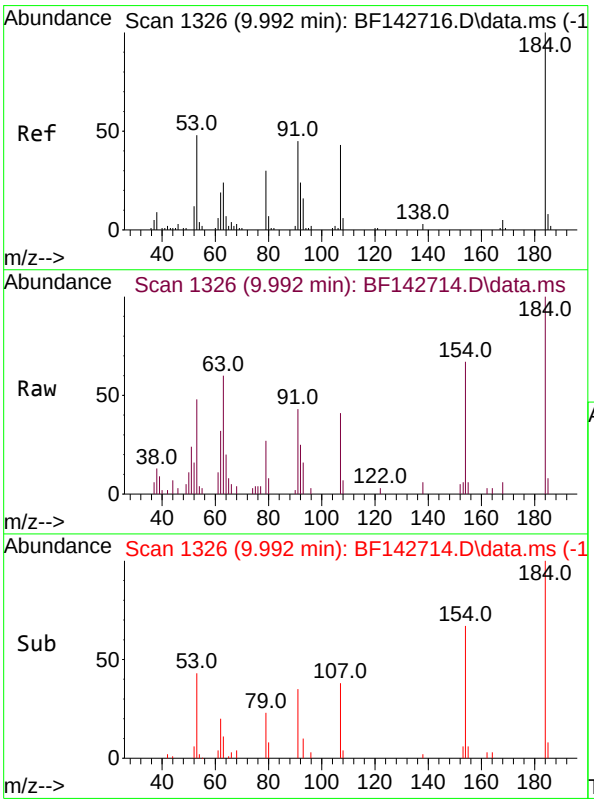
Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.3	12.5
92	107.6	84.6	127.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

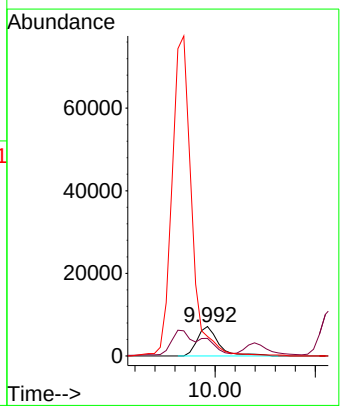


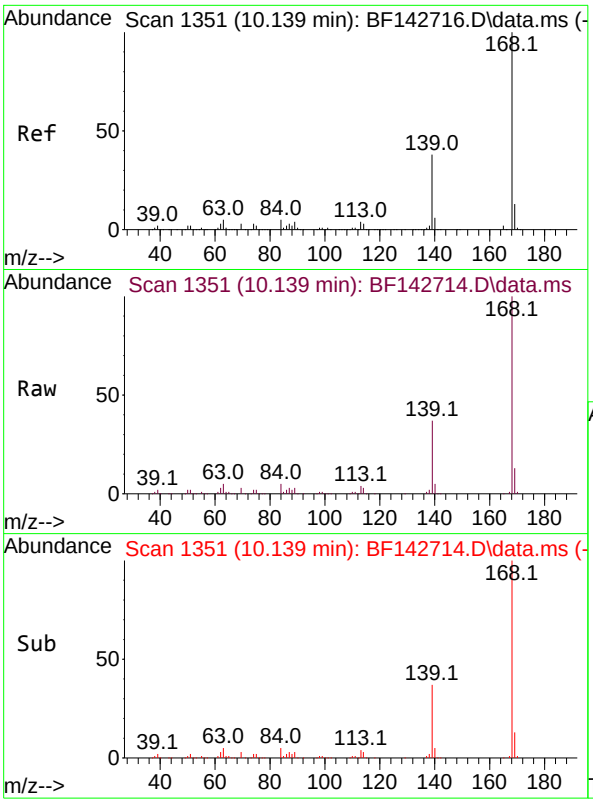


#54
2,4-Dinitrophenol
Concen: 7.649 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:184 Resp: 10498

Ion	Ratio	Lower	Upper
184	100		
63	59.7	51.7	77.5
154	66.6	60.1	90.1

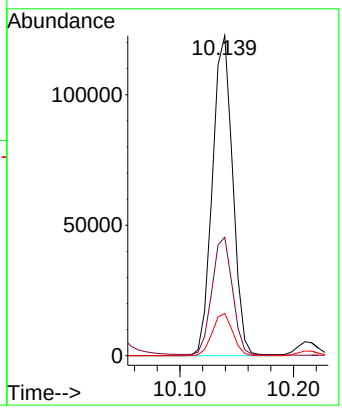




#55
Dibenzofuran
Concen: 10.482 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:168 Resp: 15216

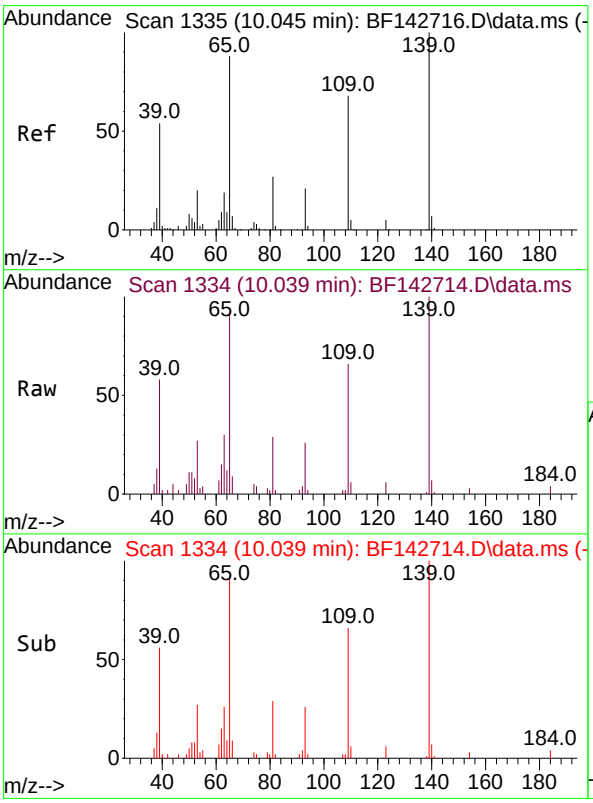
Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.9	46.3
169	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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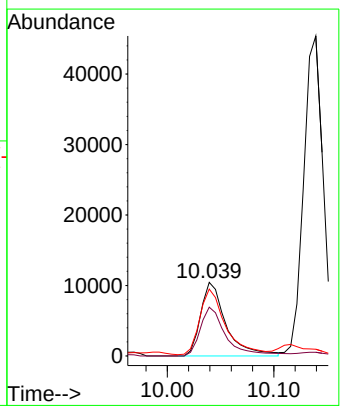
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

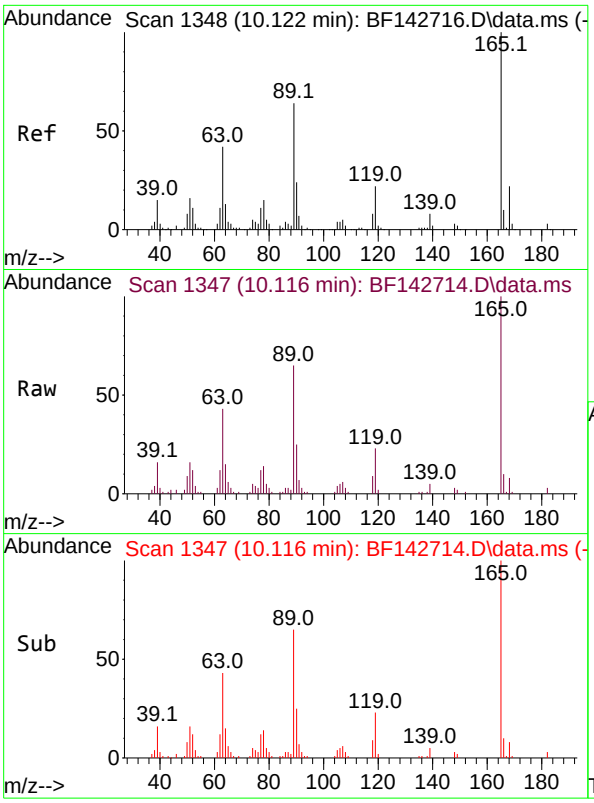


#56
4-Nitrophenol
Concen: 9.141 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:139 Resp: 17392

Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.5	87.5
65	91.0	69.2	109.2

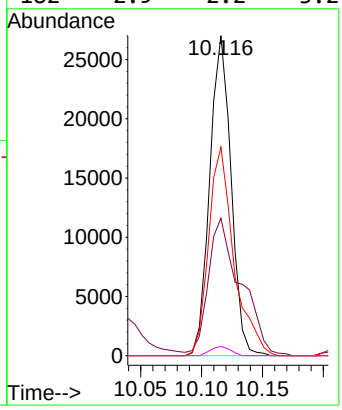




#57
2,4-Dinitrotoluene
Concen: 9.861 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:165 Resp: 3282

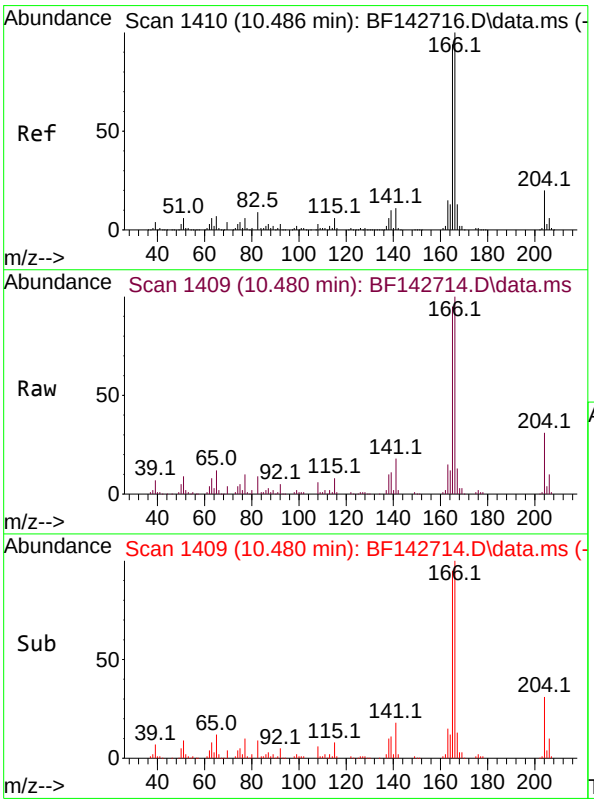
Ion	Ratio	Lower	Upper
165	100		
63	42.9	34.1	51.1
89	65.2	50.8	76.2
182	2.9	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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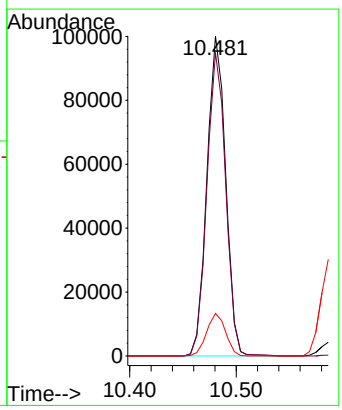
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

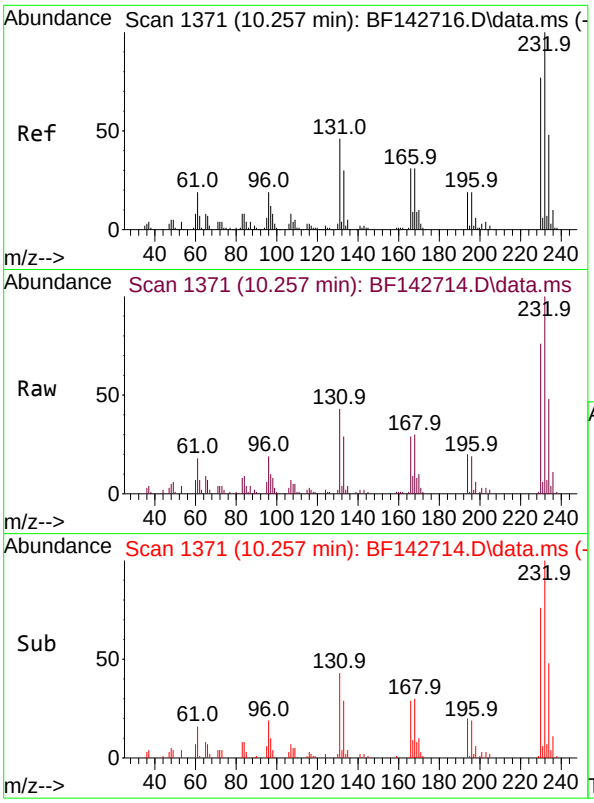


#58
Fluorene
Concen: 10.564 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:166 Resp: 122374

Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.9	112.3
167	13.3	10.7	16.1

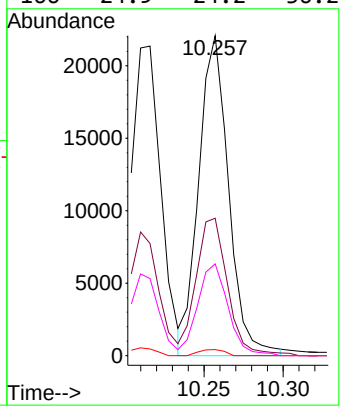




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.042 ng m
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:232 Resp: 2903

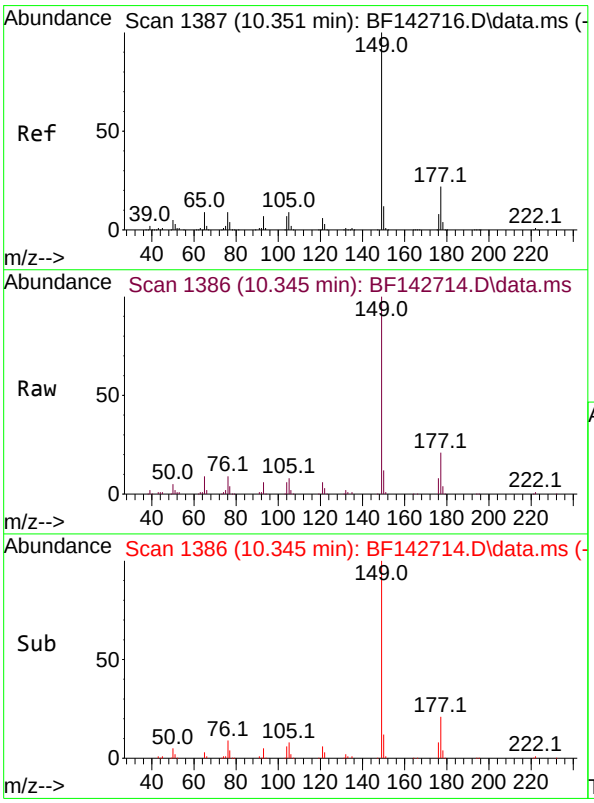
Ion	Ratio	Lower	Upper
232	100		
131	37.9	35.8	53.8
130	2.0	1.8	2.6
166	24.9	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

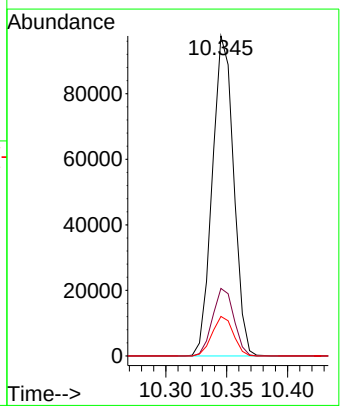
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

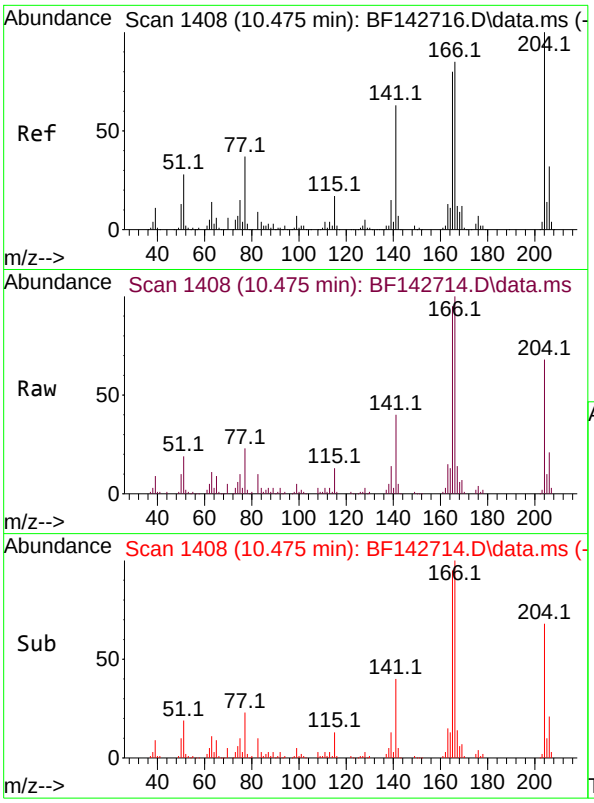


#60
Diethylphthalate
Concen: 10.637 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:149 Resp: 119243

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.0
150	12.4	10.0	15.0

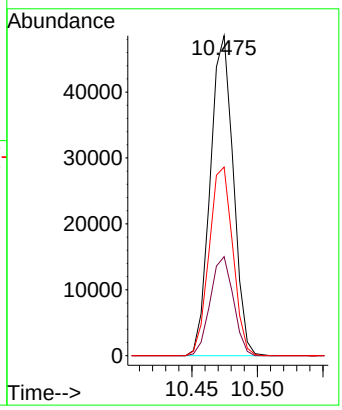




#61
4-Chlorophenyl-phenylether
Concen: 10.756 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:204 Resp: 5923

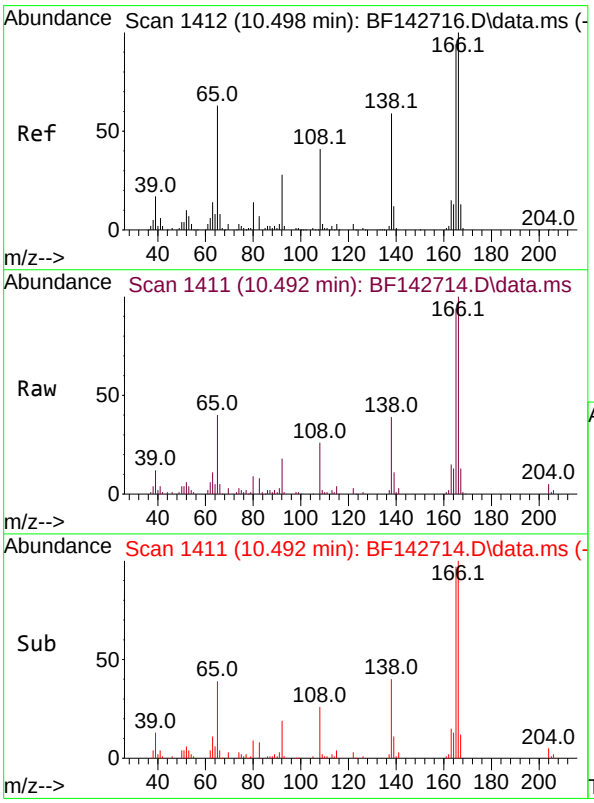
Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.9	38.9
141	58.9	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

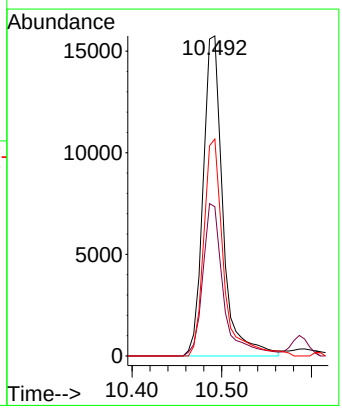
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

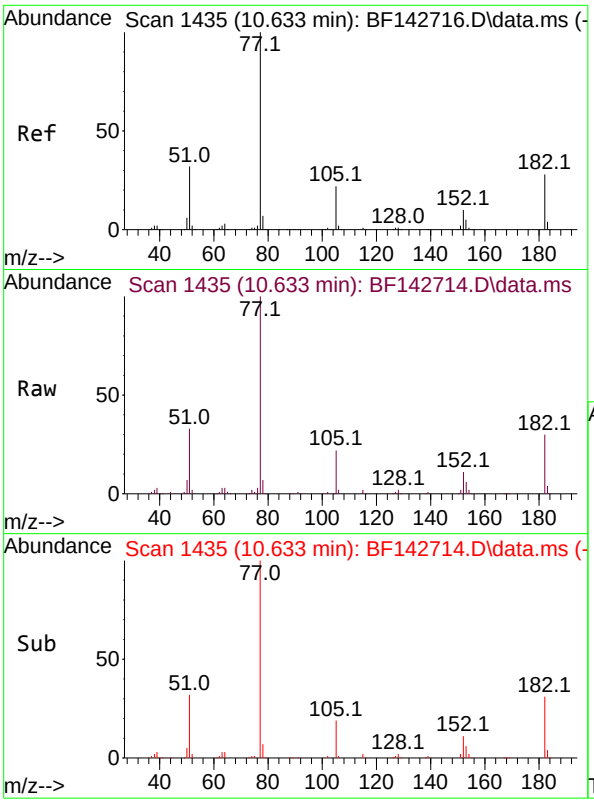


#62
4-Nitroaniline
Concen: 9.231 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:138 Resp: 24067

Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.2	67.2
108	67.8	49.9	89.9

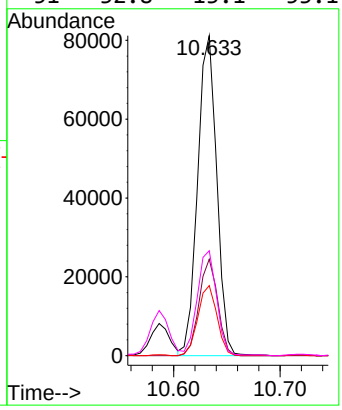




#63
Azobenzene
Concen: 10.110 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 77 Resp: 10159

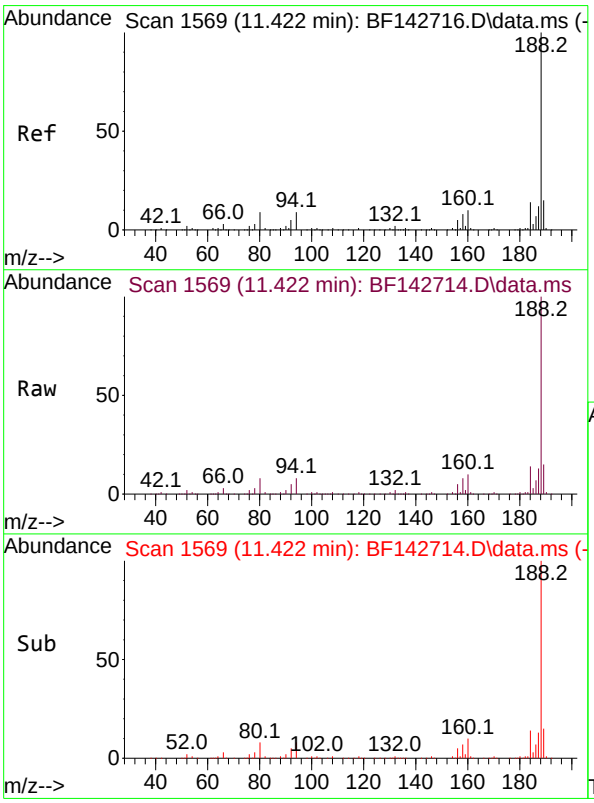
Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.8	47.8
105	21.9	1.9	41.9
51	32.8	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

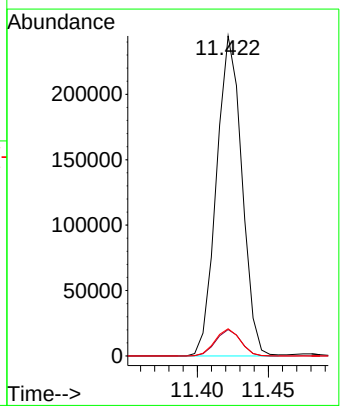
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

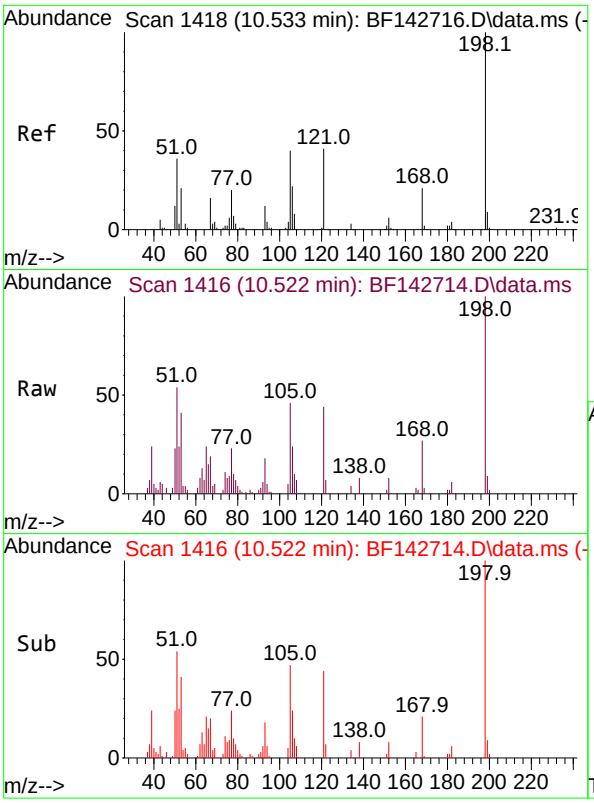


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:188 Resp: 304369

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.5	7.1	10.7

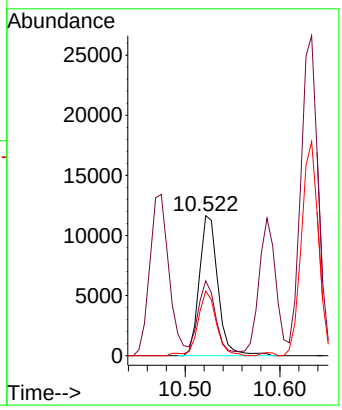




#65
4,6-Dinitro-2-methylphenol
Concen: 8.392 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:198 Resp: 1588

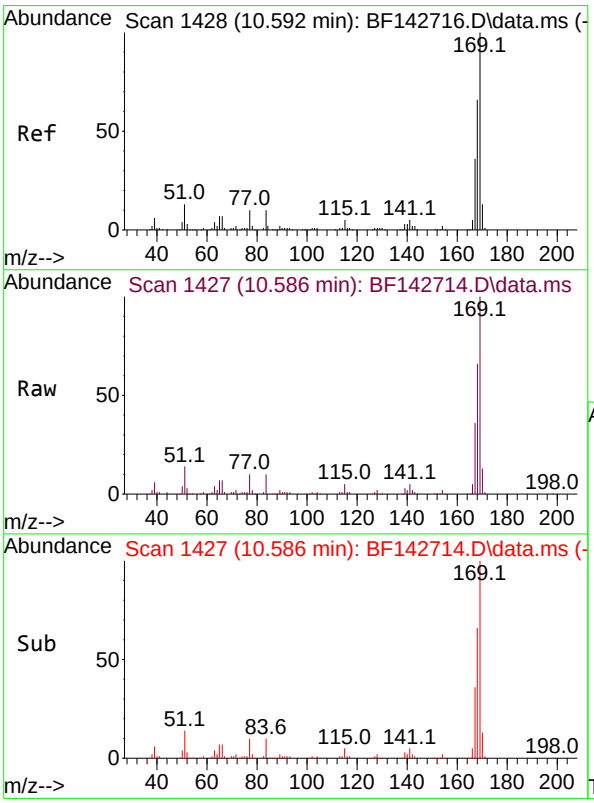
Ion	Ratio	Lower	Upper
198	100		
51	53.5	25.5	65.5
105	46.2	21.1	61.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

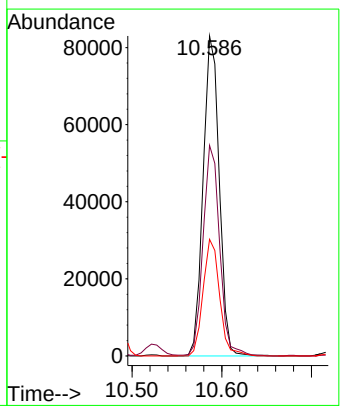
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

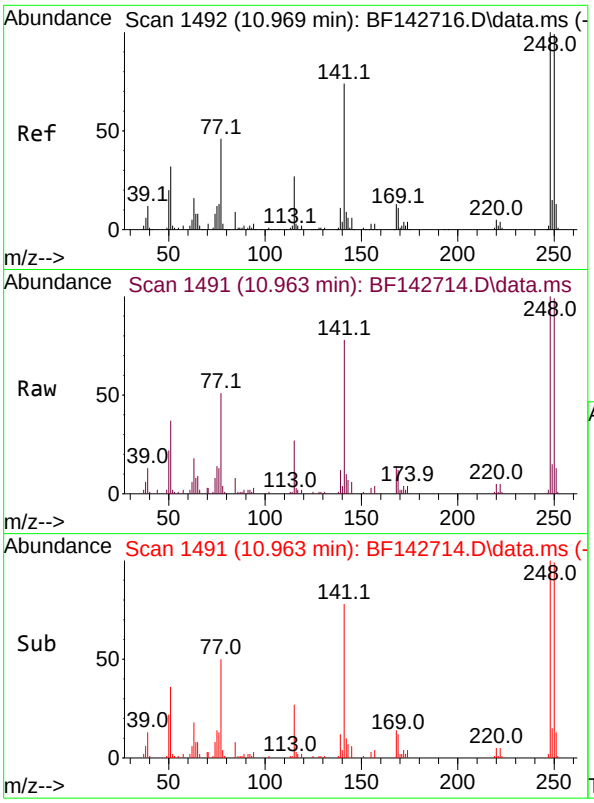


#66
n-Nitrosodiphenylamine
Concen: 10.526 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:169 Resp: 103342

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.0	79.4
167	36.5	28.7	43.1

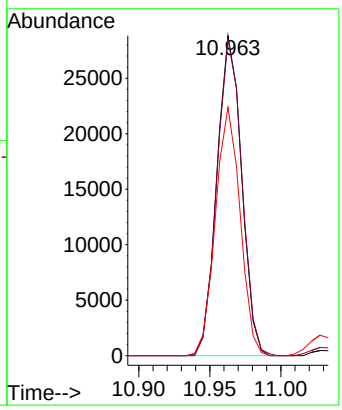




#67
4-Bromophenyl-phenylether
Concen: 10.364 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:248 Resp: 3489

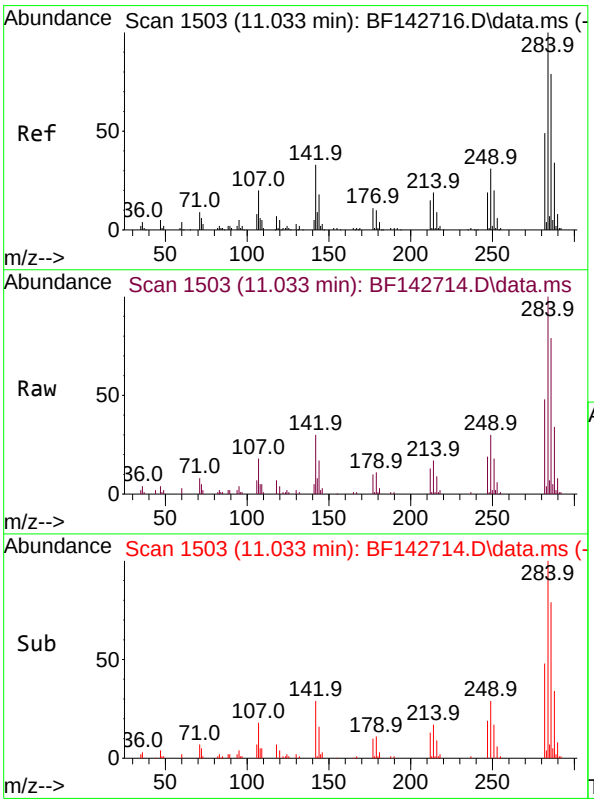
Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.2	118.8
141	77.6	59.3	88.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

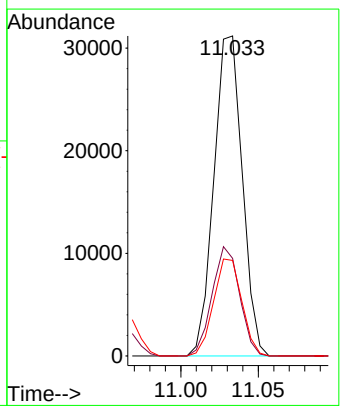
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

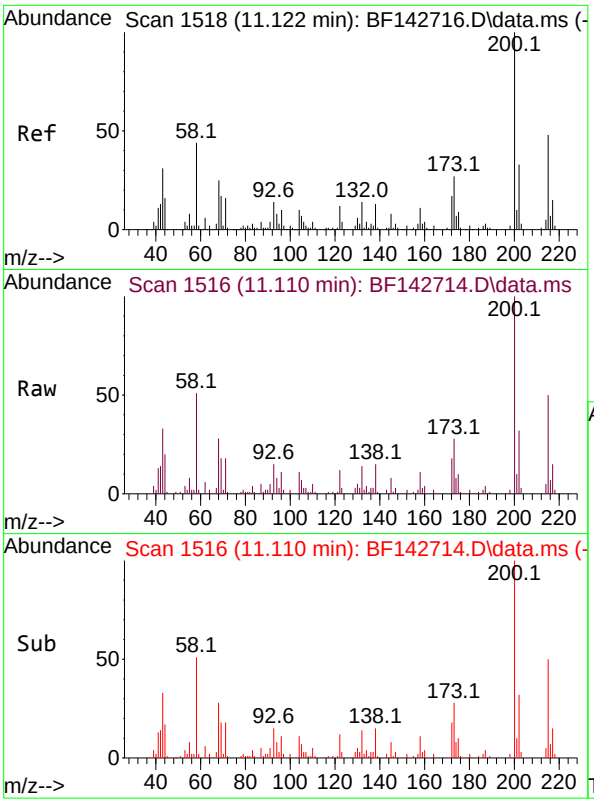


#68
Hexachlorobenzene
Concen: 10.331 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:284 Resp: 39719

Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.0	39.0
249	29.8	24.6	37.0

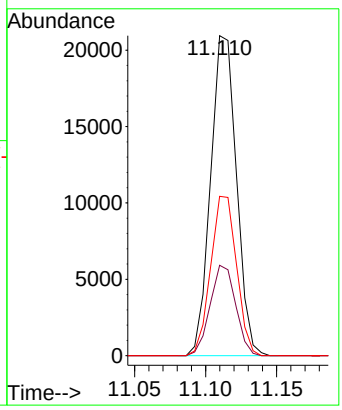




#69
Atrazine
Concen: 9.090 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:200 Resp: 2653

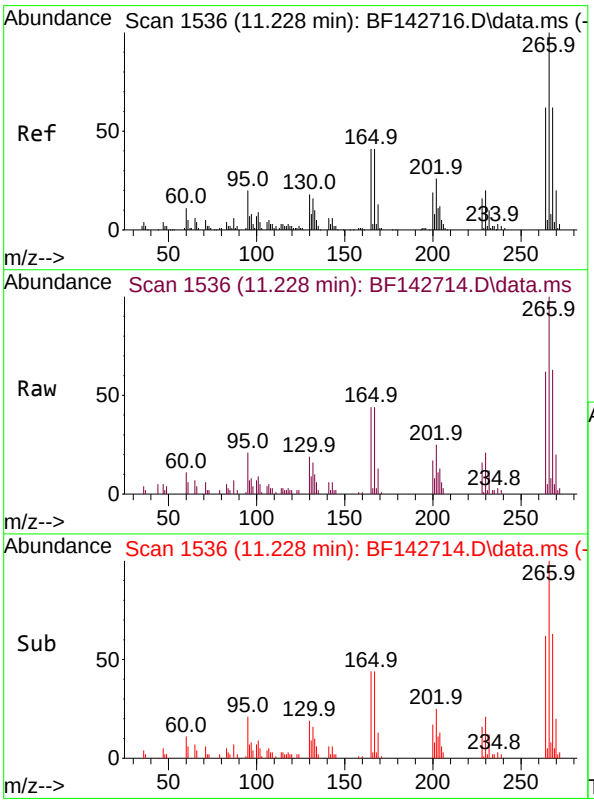
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	49.8	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

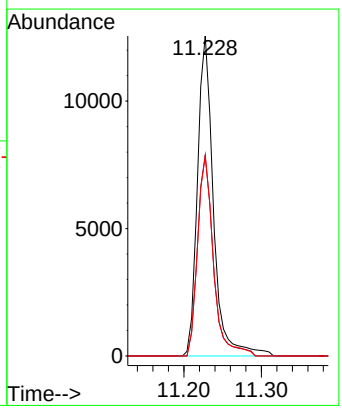
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

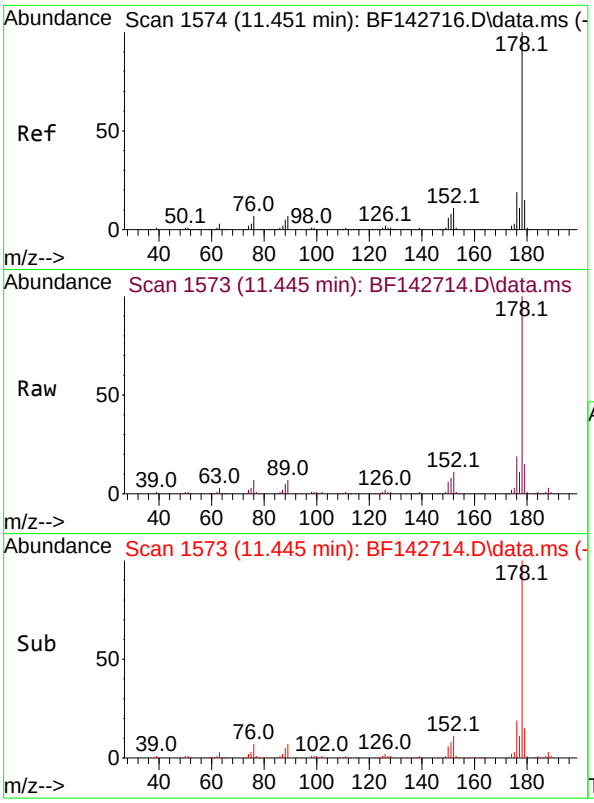


#70
Pentachlorophenol
Concen: 8.662 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:266 Resp: 17981

Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.6	74.4
264	62.3	49.5	74.3

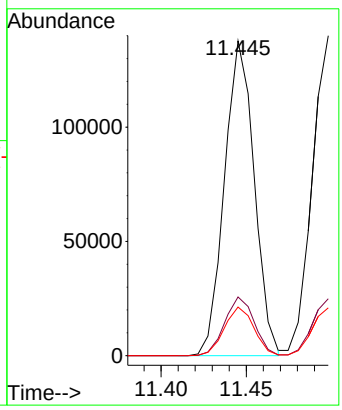




#71
Phenanthrene
Concen: 10.281 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:178 Resp: 16738

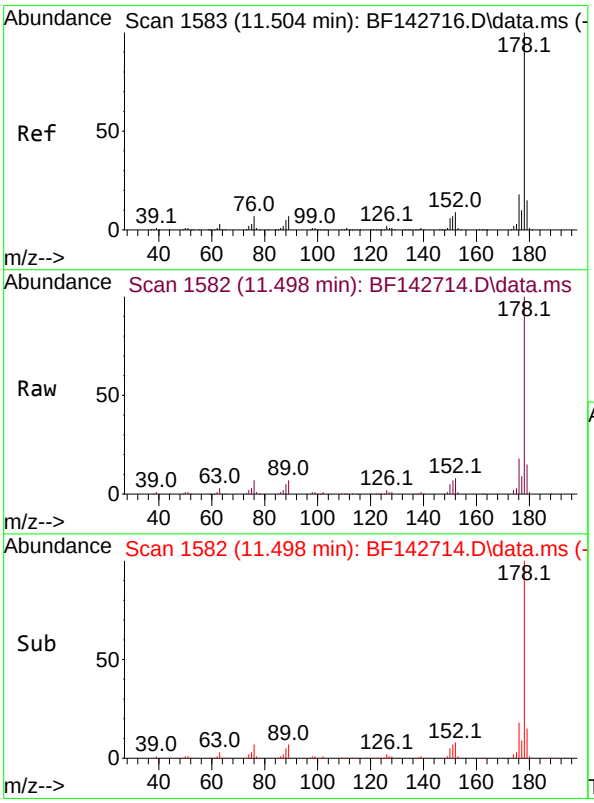
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

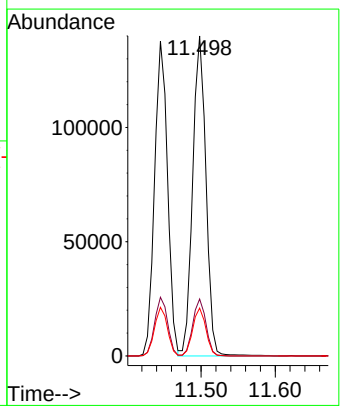
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

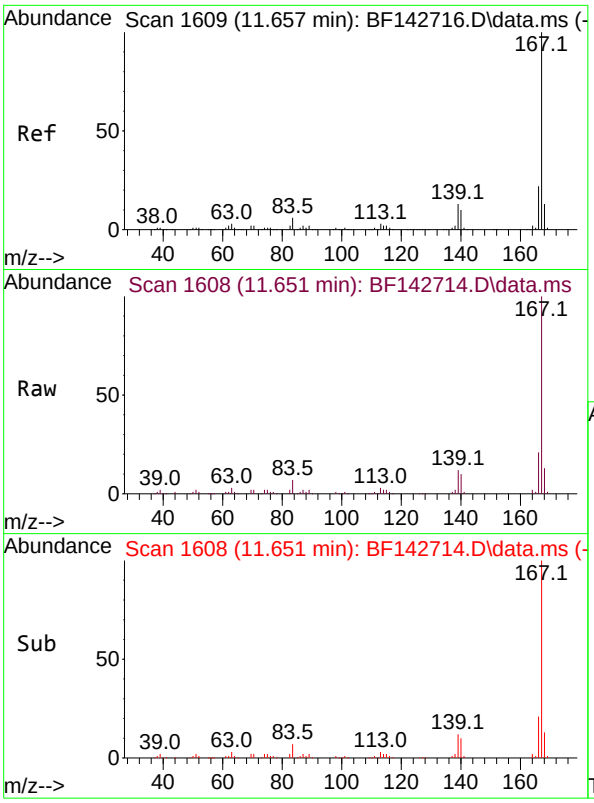


#72
Anthracene
Concen: 10.340 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:178 Resp: 174314

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.0	12.2	18.2

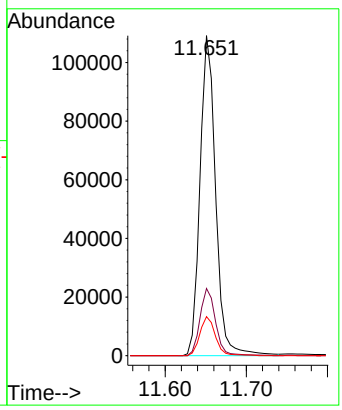




#73
Carbazole
Concen: 9.755 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:167 Resp: 14607

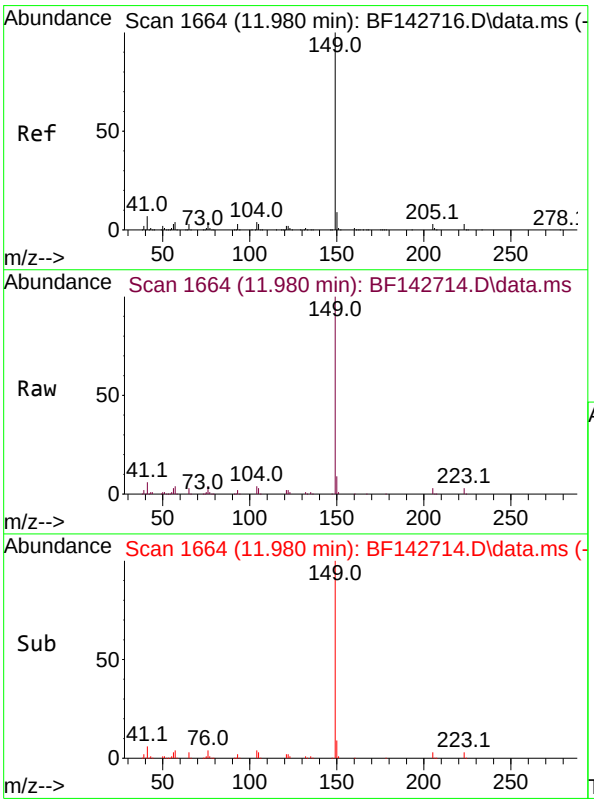
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.2	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

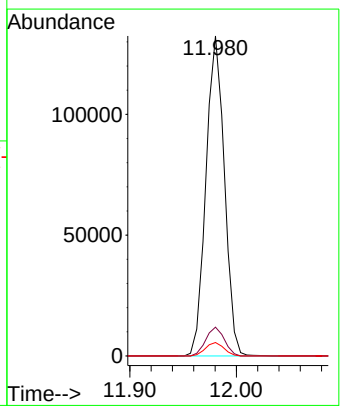
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

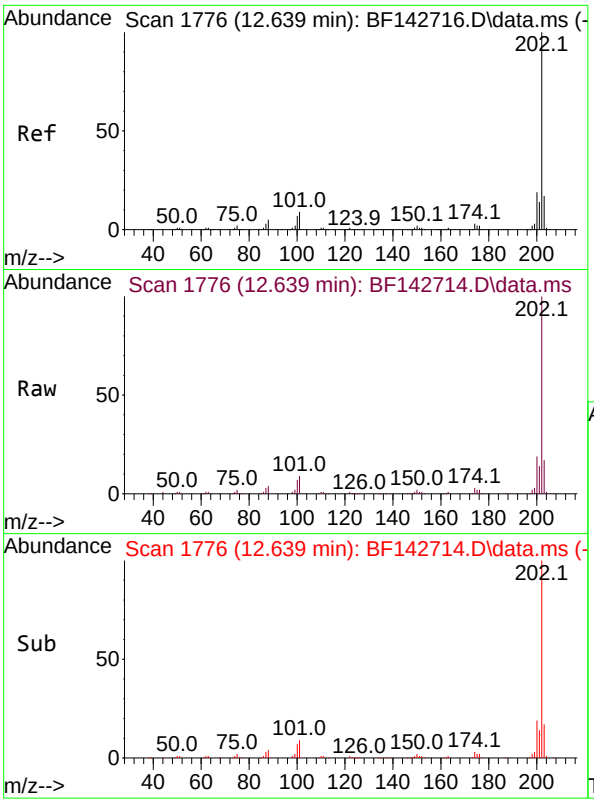


#74
Di-n-butylphthalate
Concen: 10.061 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:149 Resp: 159448

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.2	3.4	5.2

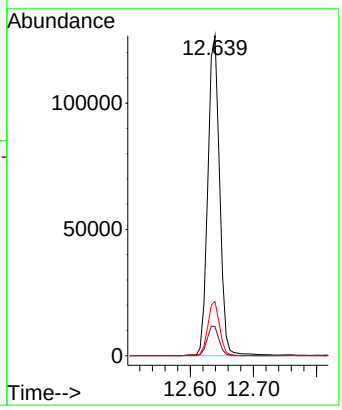




#75
Fluoranthene
Concen: 10.413 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:202 Resp: 16487

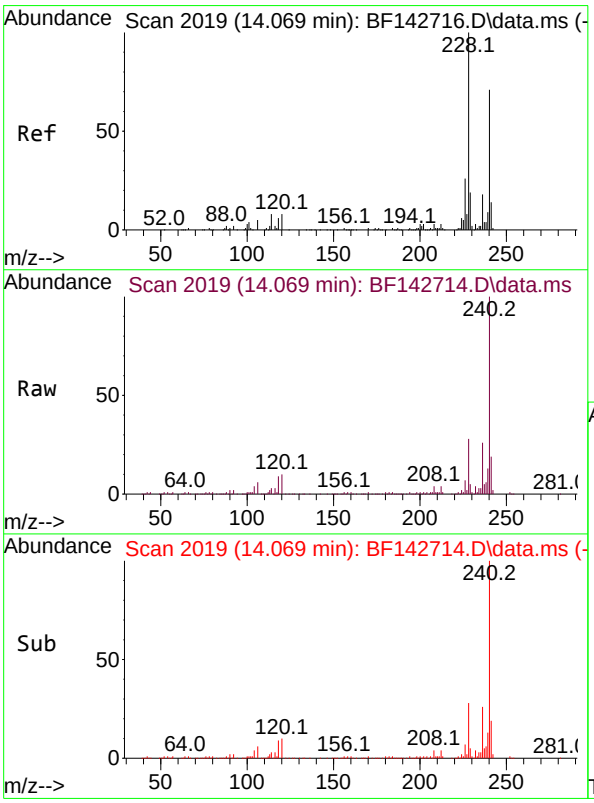
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	16.9	0.0	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

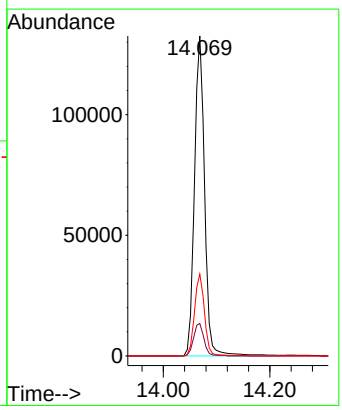
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

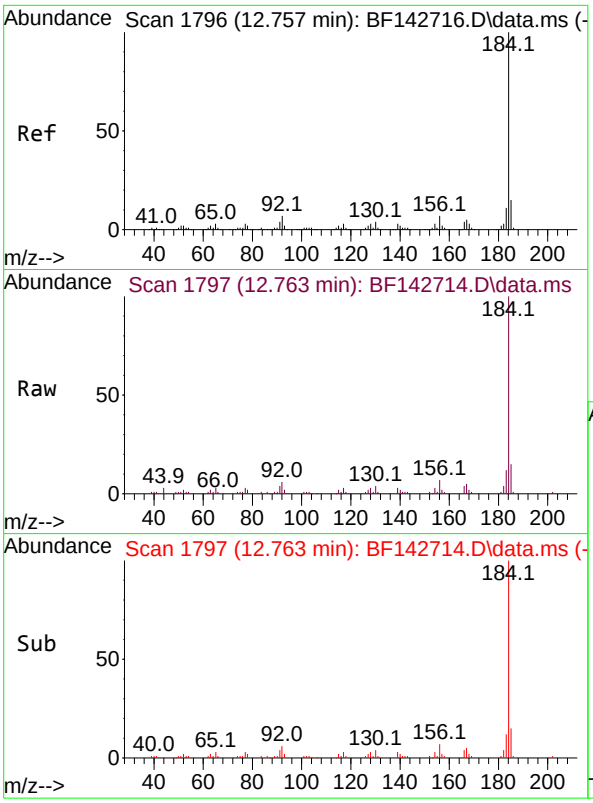


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:240 Resp: 175894

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	25.6	20.1	30.1

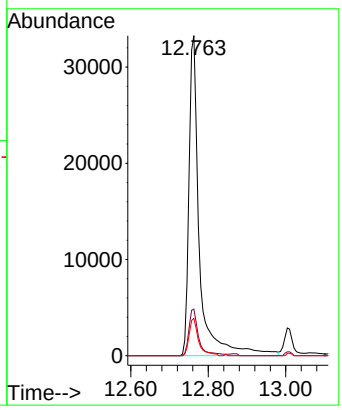




#77
Benzidine
Concen: 10.131 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:184 Resp: 6256

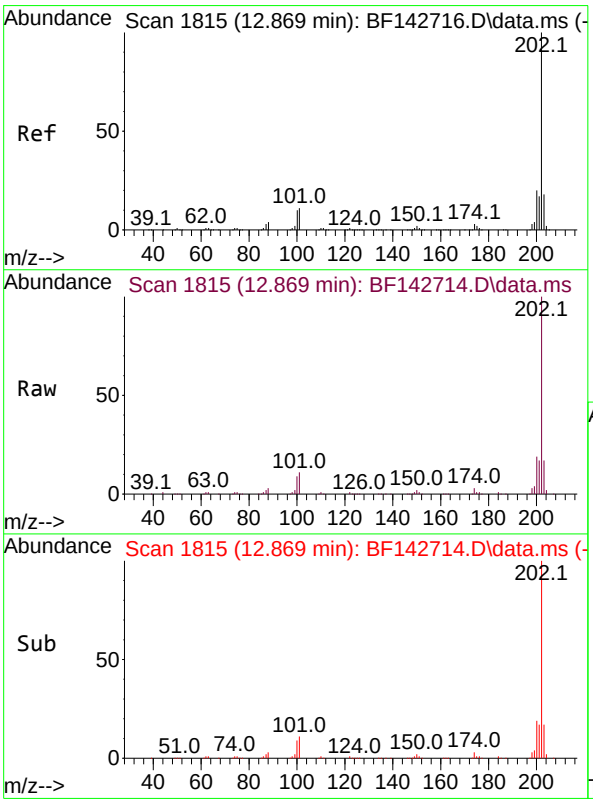
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	11.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

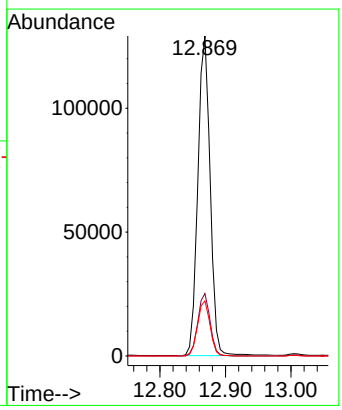
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

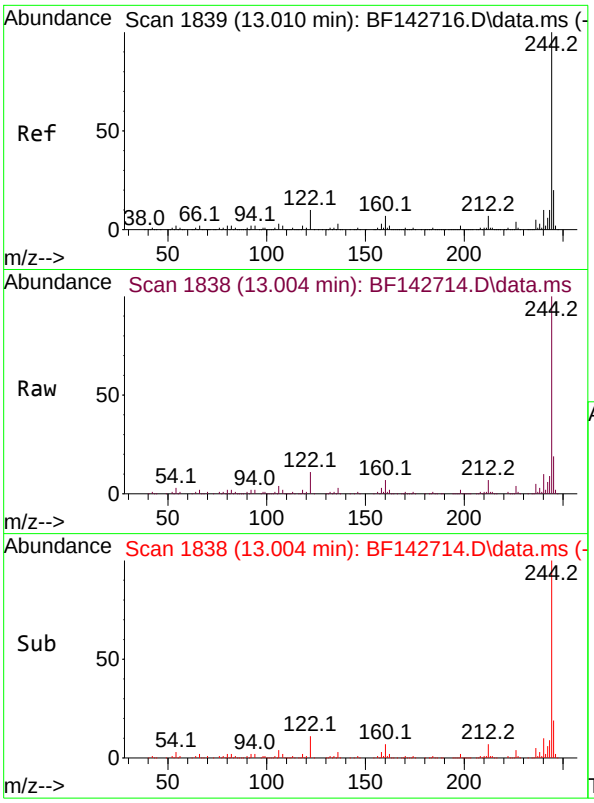


#78
Pyrene
Concen: 11.351 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:202 Resp: 168642

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.8
203	17.2	14.1	21.1

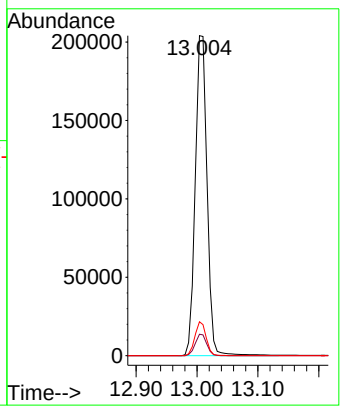




#79
Terphenyl-d14
Concen: 23.723 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:244 Resp: 27470

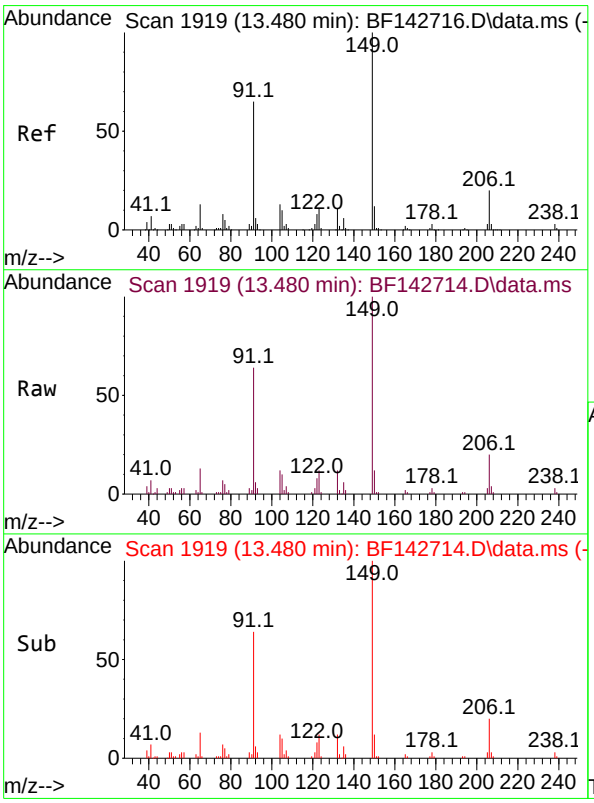
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

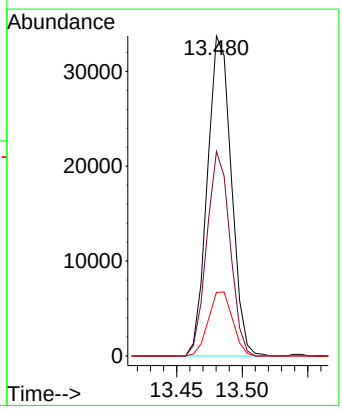
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

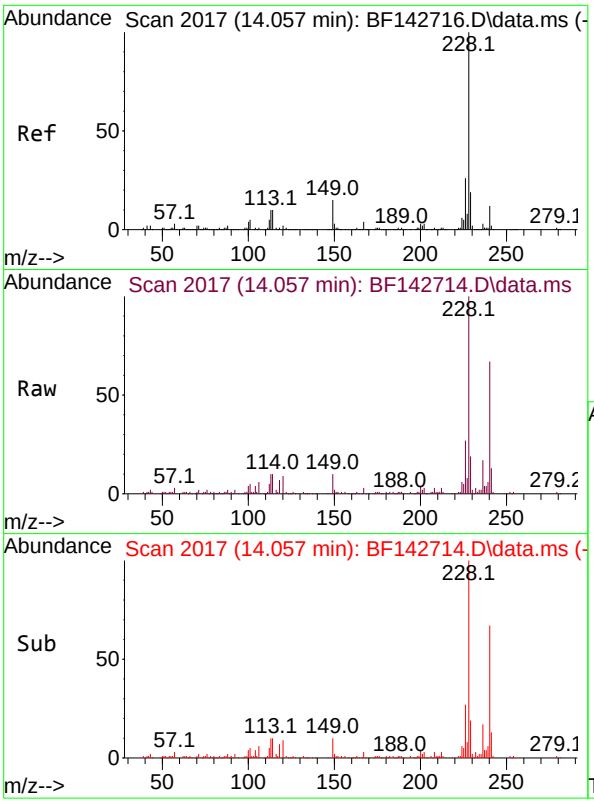


#80
Butylbenzylphthalate
Concen: 9.423 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:149 Resp: 42755

Ion	Ratio	Lower	Upper
149	100		
91	63.9	52.3	78.5
206	19.9	16.0	24.0

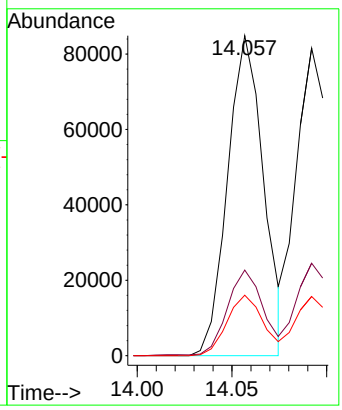




#81
Benzo(a)anthracene
Concen: 9.743 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:228 Resp: 11198

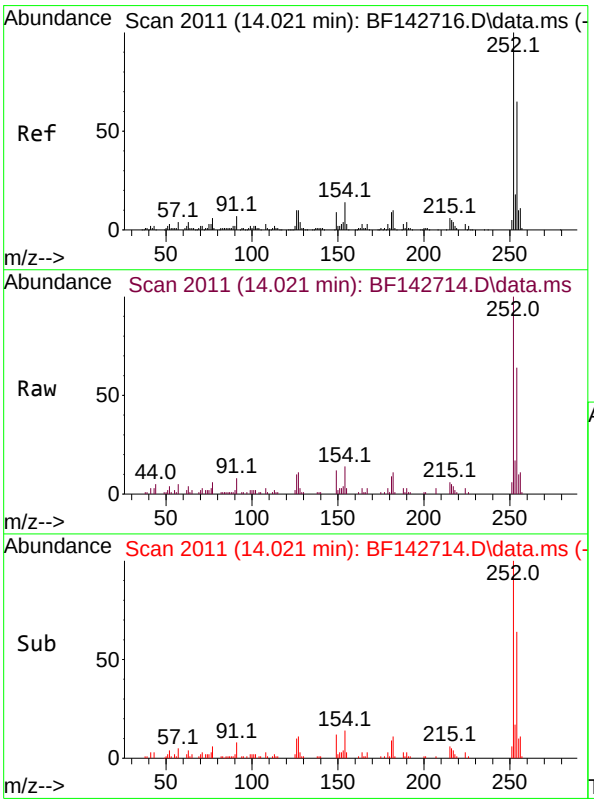
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	18.9	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

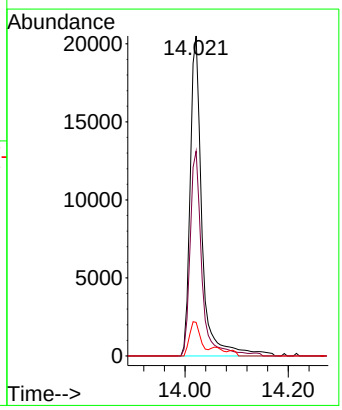
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

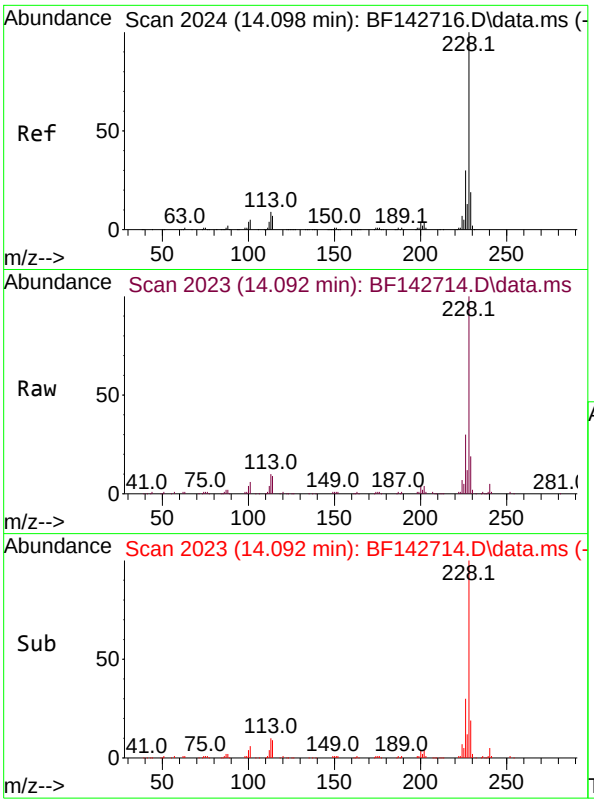


#82
3,3'-Dichlorobenzidine
Concen: 8.868 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:252 Resp: 32572

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	10.5	8.1	12.1





#83
Chrysene
Concen: 9.855 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

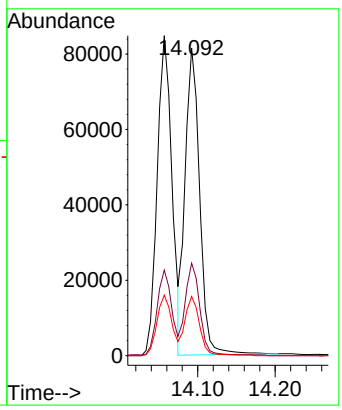
Tgt Ion:228 Resp: 10621

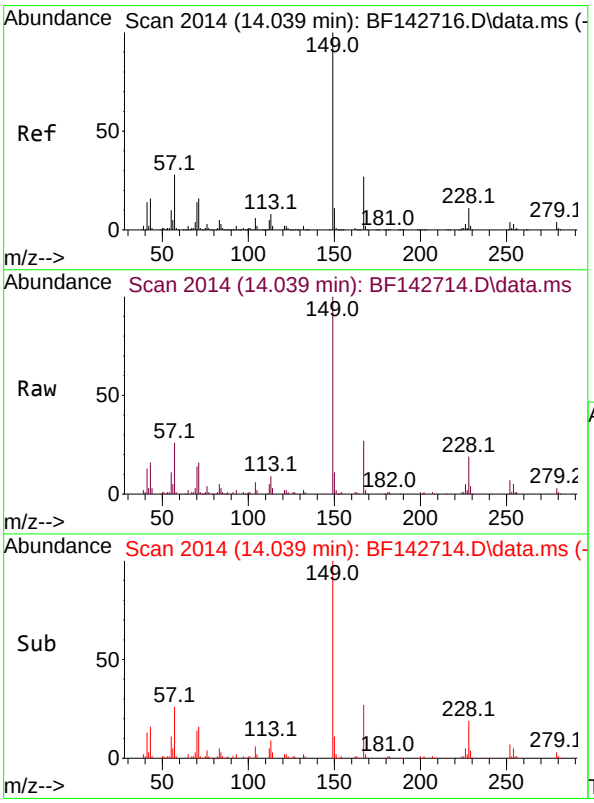
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	19.2	15.5	23.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

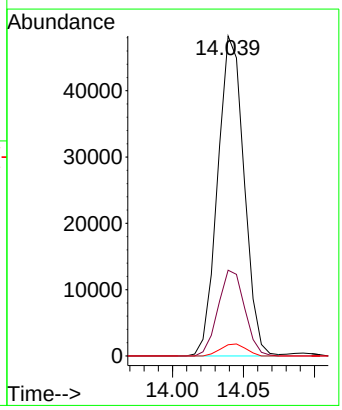


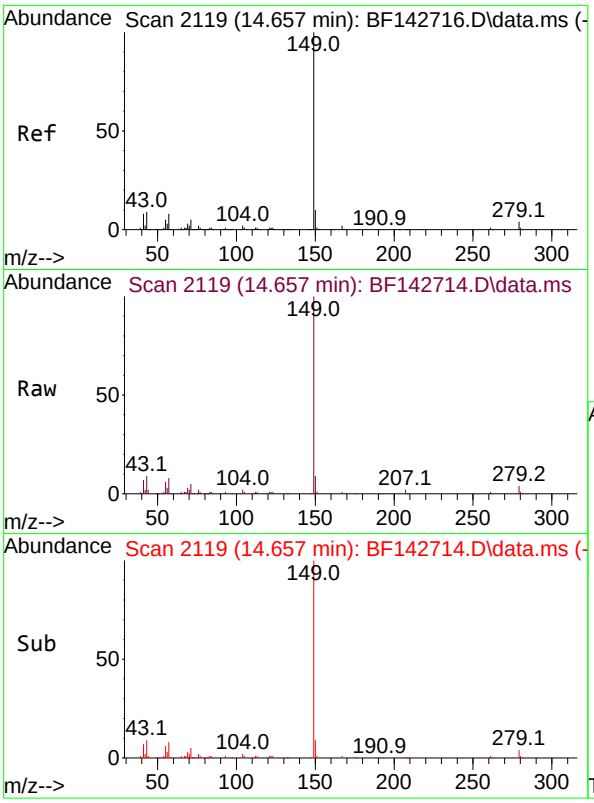


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.522 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:149 Resp: 62338

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	3.5	3.0	4.4

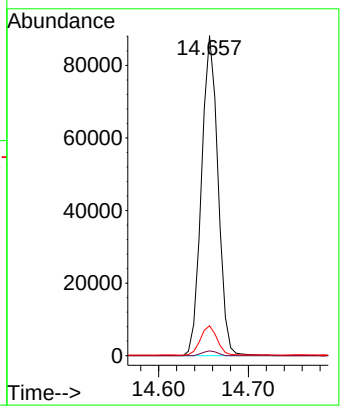




#85
Di-n-octyl phthalate
Concen: 10.593 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:149 Resp: 11288

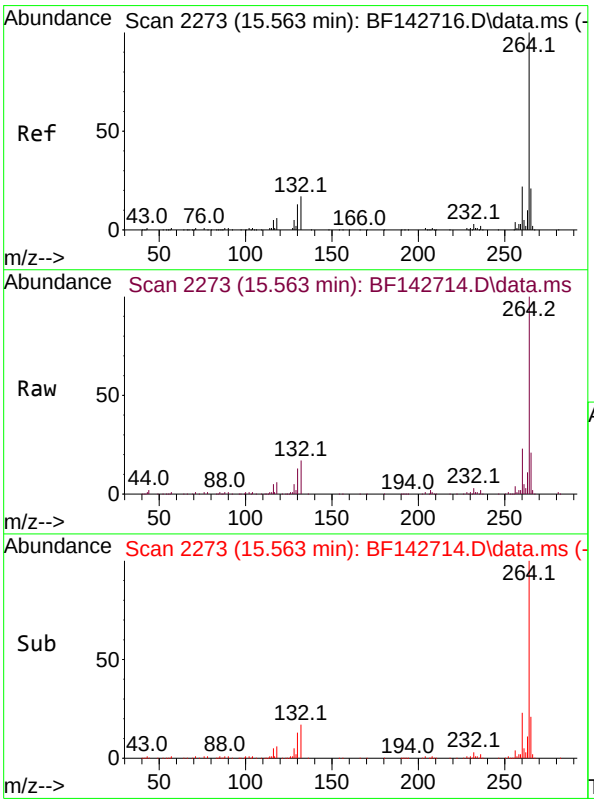
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	9.1	7.3	10.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

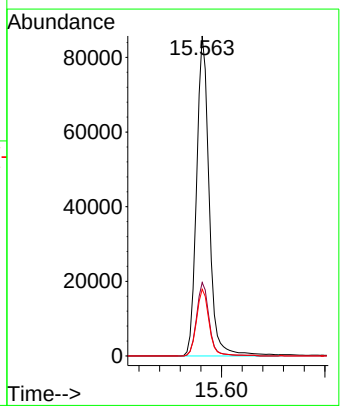
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

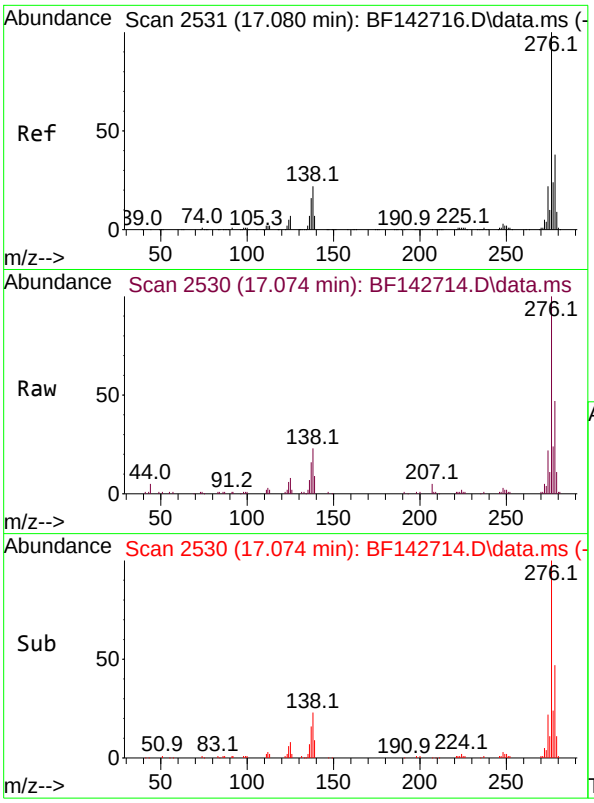


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:264 Resp: 145296

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	20.9	16.6	25.0

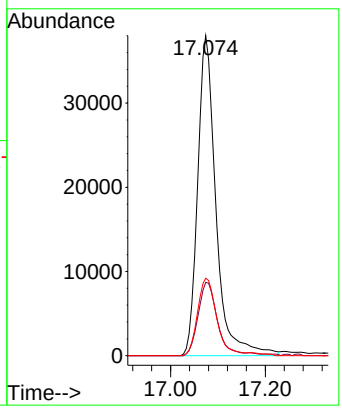




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.854 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:276 Resp: 10211

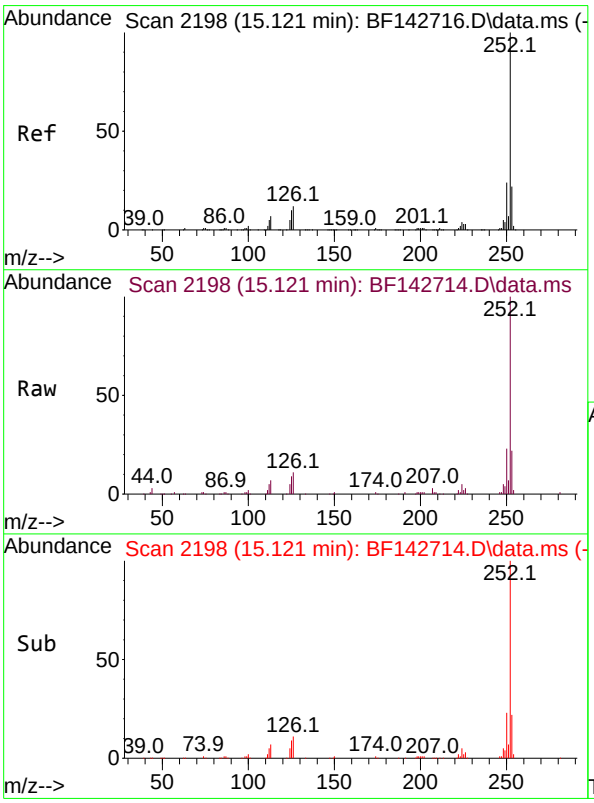
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

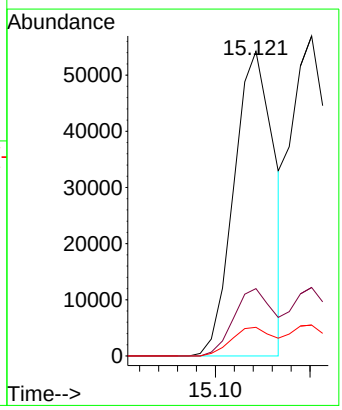
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

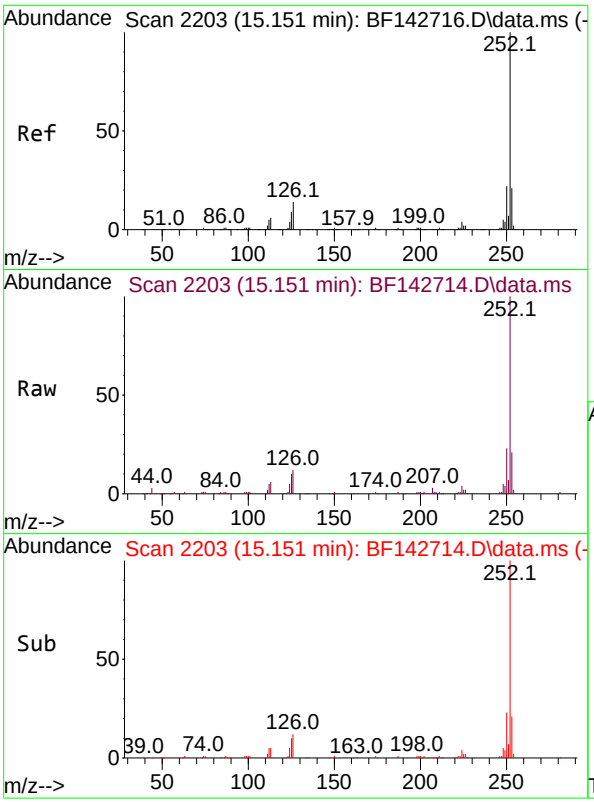


#88
Benzo(b)fluoranthene
Concen: 9.125 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:252 Resp: 79463

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.4	7.8	11.6

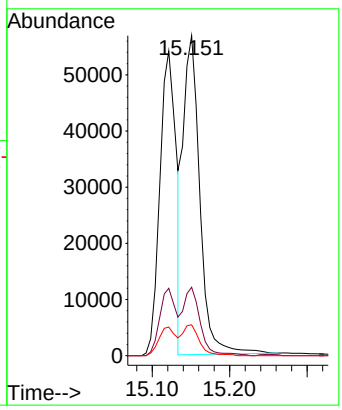




#89
Benzo(k)fluoranthene
Concen: 10.623 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:252 Resp: 8557

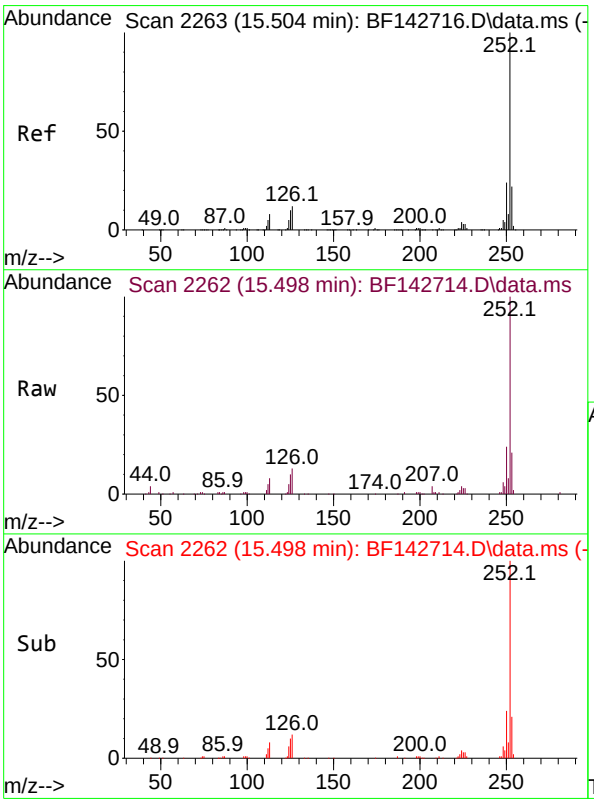
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	9.7	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

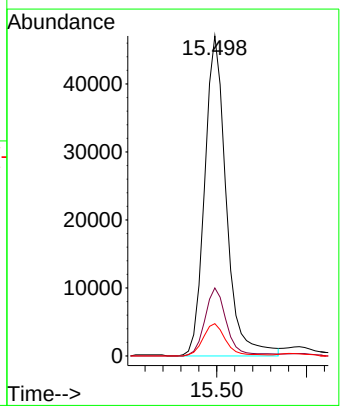
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

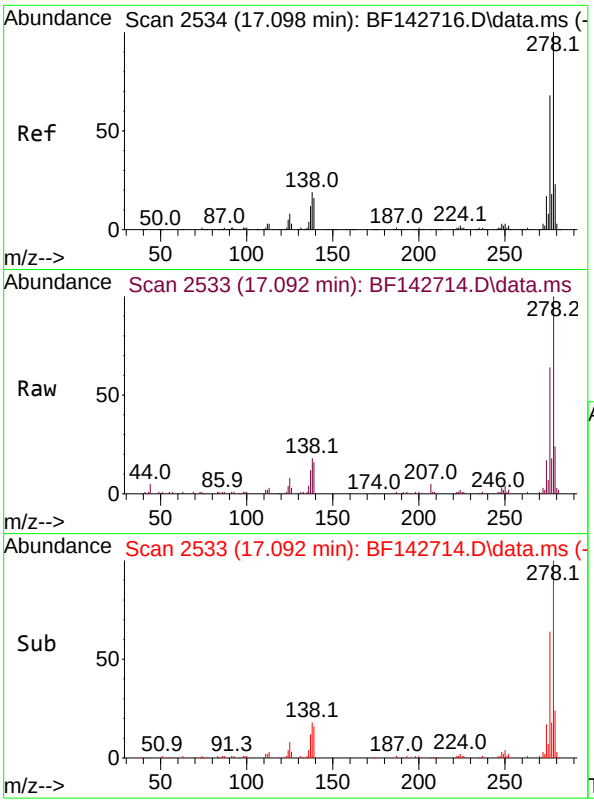


#90
Benzo(a)pyrene
Concen: 9.685 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:252 Resp: 78787

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	10.1	8.0	12.0

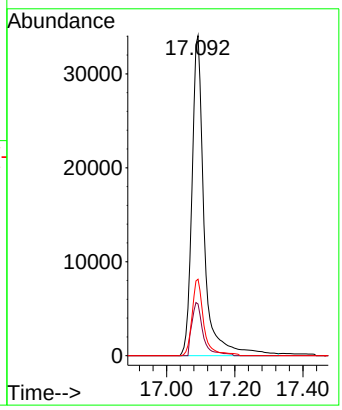




#91
Dibenzo(a,h)anthracene
Concen: 10.184 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:278 Resp: 8540

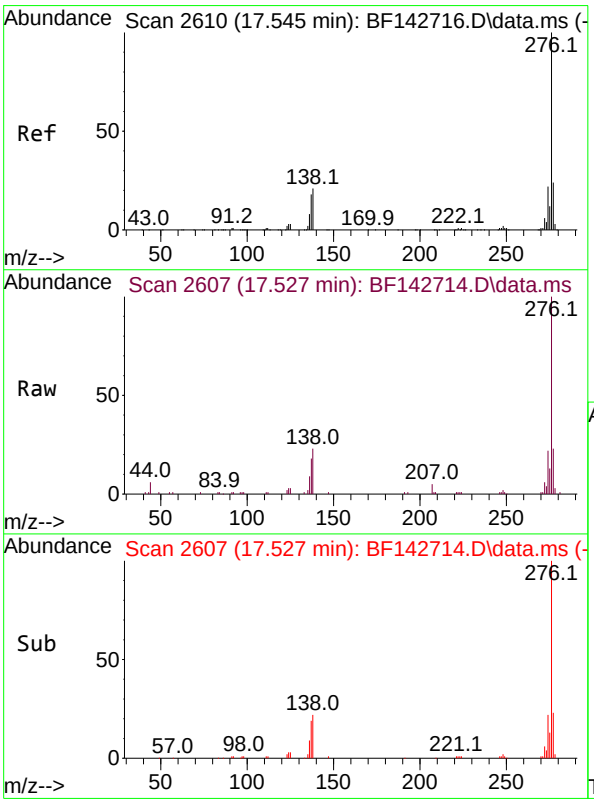
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.9	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

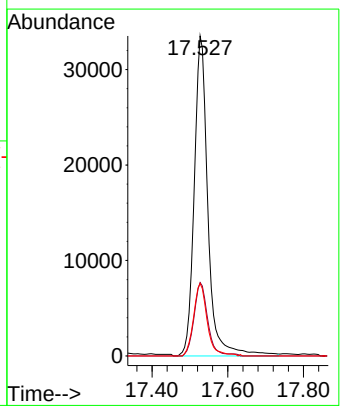
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



#92
Benzo(g,h,i)perylene
Concen: 9.787 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:276 Resp: 84574

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	22.7	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	81140	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	314255	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	177830	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	309039	20.000	ng	0.00
76) Chrysene-d12	14.068	240	171505	20.000	ng	0.00
86) Perylene-d12	15.562	264	149863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	194642	40.648	ng	0.00
7) Phenol-d6	6.516	99	227264	40.584	ng	0.00
23) Nitrobenzene-d5	7.457	82	232019	40.499	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	79780	40.055	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	557975	42.608	ng	0.00
79) Terphenyl-d14	13.010	244	533769	47.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	38265	20.866	ng	99
3) Pyridine	3.440	79	94010	19.906	ng	99
4) n-Nitrosodimethylamine	3.381	42	47876	20.630	ng	100
6) Aniline	6.551	93	153658	20.432	ng	99
8) 2-Chlorophenol	6.675	128	105458	20.140	ng	98
9) Benzaldehyde	6.440	77	77101	24.308	ng	99
10) Phenol	6.528	94	127959	20.461	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	93244	20.354	ng	98
12) 1,3-Dichlorobenzene	6.834	146	122041	20.821	ng	100
13) 1,4-Dichlorobenzene	6.910	146	123218	20.634	ng	99
14) 1,2-Dichlorobenzene	7.063	146	117164	20.577	ng	99
15) Benzyl Alcohol	7.028	79	85092	20.593	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149275	20.134	ng	99
17) 2-Methylphenol	7.140	107	80771	20.215	ng	98
18) Hexachloroethane	7.404	117	44183	21.335	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	71901	21.709	ng	96
20) 3+4-Methylphenols	7.292	107	104278	21.119	ng	99
22) Acetophenone	7.298	105	143791	20.920	ng	99
24) Nitrobenzene	7.475	77	102335	19.854	ng	100
25) Isophorone	7.710	82	197471	21.062	ng	99
26) 2-Nitrophenol	7.792	139	57374	20.198	ng	98
27) 2,4-Dimethylphenol	7.828	122	97721	20.170	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	123223	21.148	ng	99
29) 2,4-Dichlorophenol	8.034	162	91906	20.874	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	101174	20.839	ng	100
31) Naphthalene	8.198	128	320958	20.724	ng	100
32) Benzoic acid	7.916	122	51045	17.603	ng	98
33) 4-Chloroaniline	8.245	127	125346	19.722	ng	98
34) Hexachlorobutadiene	8.316	225	64827	21.572	ng	100
35) Caprolactam	8.598	113	24851	18.615	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	95329	20.614	ng	97
37) 2-Methylnaphthalene	8.892	142	201323	20.401	ng	98
38) 1-Methylnaphthalene	8.986	142	210345	20.677	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	104684	20.240	ng	99
41) Hexachlorocyclopentadiene	9.045	237	61808	20.035	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	68065	20.145	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

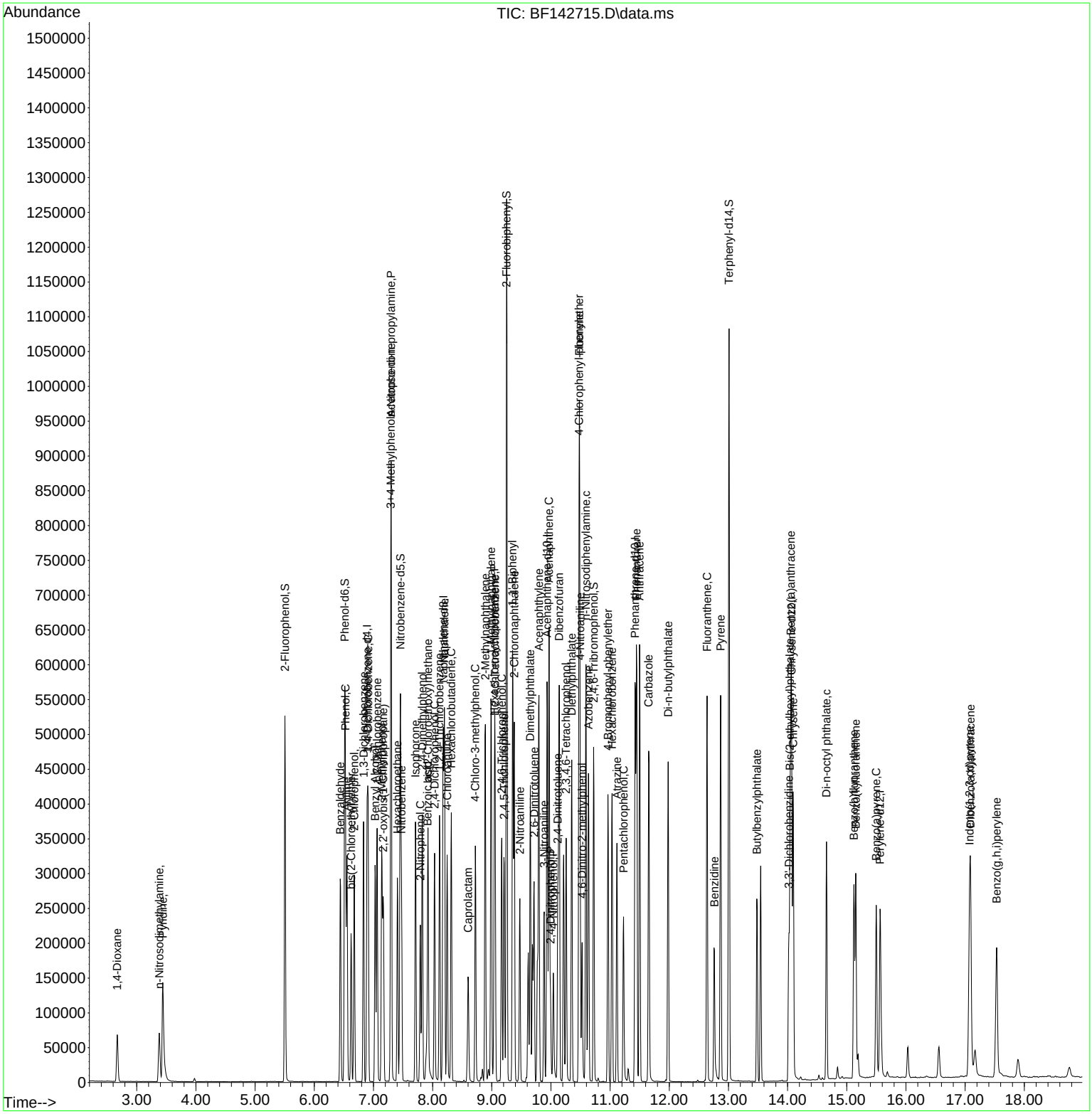
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	73361	20.277	ng	99
46) 1,1'-Biphenyl	9.351	154	282209	20.415	ng	100
47) 2-Chloronaphthalene	9.381	162	209413	20.249	ng	98
48) 2-Nitroaniline	9.475	65	59282	19.433	ng	97
49) Acenaphthylene	9.798	152	356197	20.763	ng	99
50) Dimethylphthalate	9.651	163	241601	20.198	ng	100
51) 2,6-Dinitrotoluene	9.716	165	52512	20.224	ng	98
52) Acenaphthene	9.969	154	217647	20.723	ng	100
53) 3-Nitroaniline	9.886	138	56260	19.477	ng	99
54) 2,4-Dinitrophenol	9.992	184	27444	19.262	ng	93
55) Dibenzofuran	10.139	168	317114	21.043	ng	98
56) 4-Nitrophenol	10.039	139	38970	19.729	ng	97
57) 2,4-Dinitrotoluene	10.116	165	71013	20.550	ng	98
58) Fluorene	10.480	166	248361	20.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	63447	21.135	ng	99
60) Diethylphthalate	10.351	149	243956	20.962	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	121003	21.164	ng	99
62) 4-Nitroaniline	10.492	138	52343	19.338	ng	99
63) Azobenzene	10.633	77	209543	20.087	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	37992	19.767	ng	99
66) n-Nitrosodiphenylamine	10.592	169	214287	21.496	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	73566	21.518	ng	97
68) Hexachlorobenzene	11.033	284	81172	20.794	ng	97
69) Atrazine	11.116	200	58054	19.586	ng	99
70) Pentachlorophenol	11.227	266	40960	19.434	ng	98
71) Phenanthrene	11.445	178	338235	20.462	ng	100
72) Anthracene	11.498	178	352159	20.574	ng	99
73) Carbazole	11.651	167	299238	19.681	ng	99
74) Di-n-butylphthalate	11.980	149	331400	20.596	ng	100
75) Fluoranthene	12.639	202	333984	20.774	ng	100
77) Benzidine	12.763	184	132404	21.990	ng	100
78) Pyrene	12.869	202	330717	22.830	ng	99
80) Butylbenzylphthalate	13.480	149	90265	20.402	ng	99
81) Benzo(a)anthracene	14.057	228	220169	19.646	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	69036	19.277	ng	99
83) Chrysene	14.092	228	213547	20.321	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	129627	24.572	ng	100
85) Di-n-octyl phthalate	14.657	149	237492	22.858	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	218550	20.449	ng	99
88) Benzo(b)fluoranthene	15.121	252	166706	18.561	ng	98
89) Benzo(k)fluoranthene	15.151	252	186600	22.459	ng	99
90) Benzo(a)pyrene	15.498	252	168181	20.044	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	181987	21.041	ng	100
92) Benzo(g,h,i)perylene	17.533	276	176608	19.815	ng	98

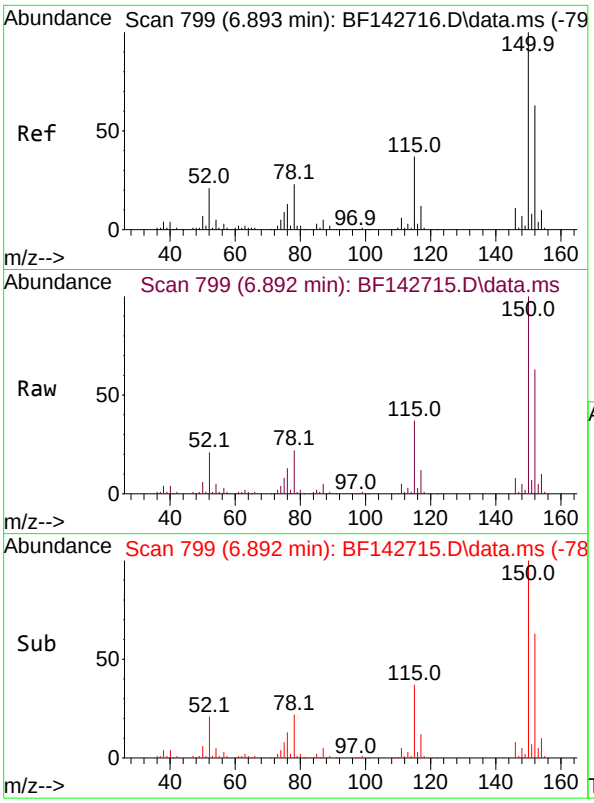
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



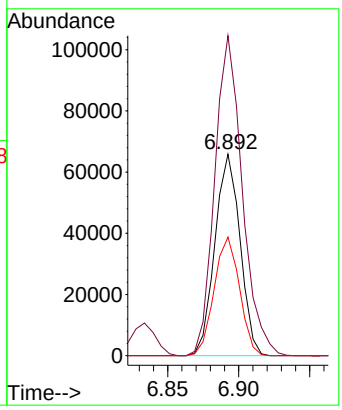


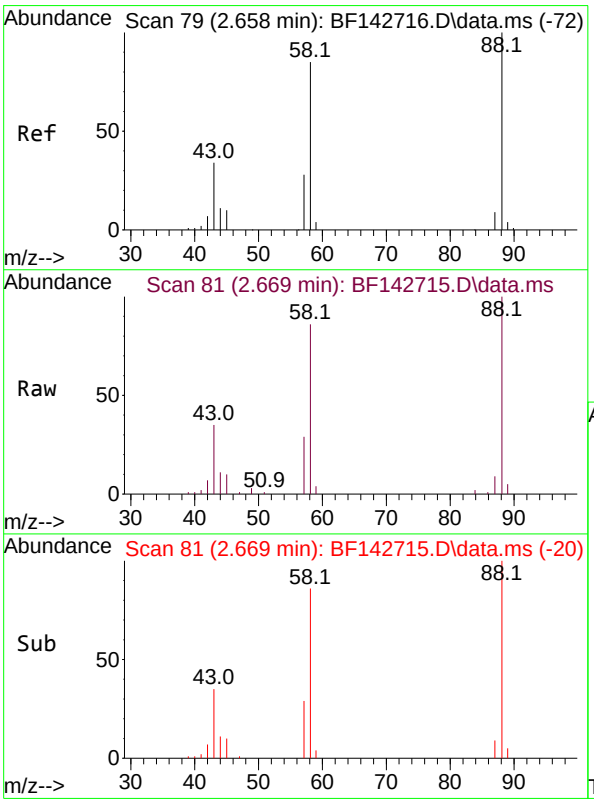
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 81140

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	58.9	47.0	70.6

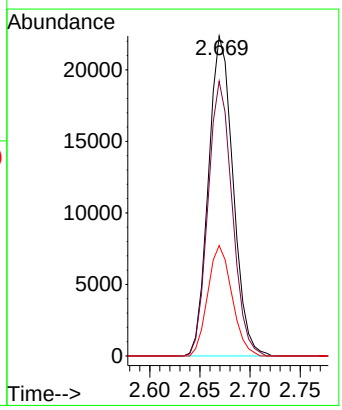


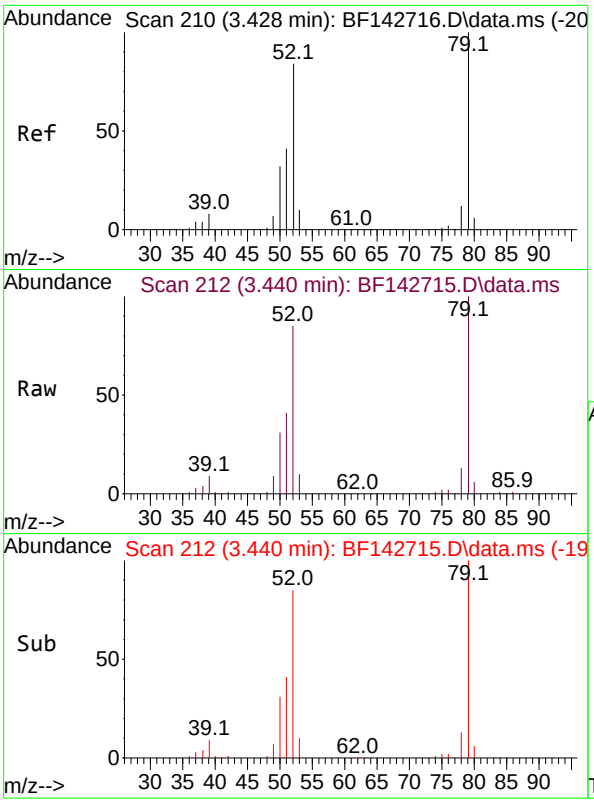


#2
1,4-Dioxane
Concen: 20.866 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 88 Resp: 38265

Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.4	102.6
43	33.9	27.0	40.6



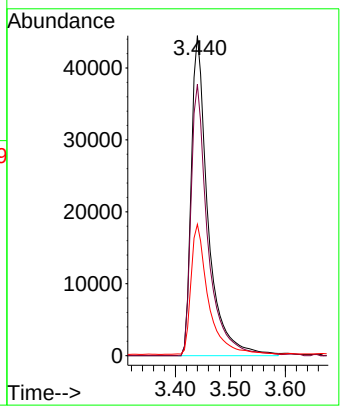


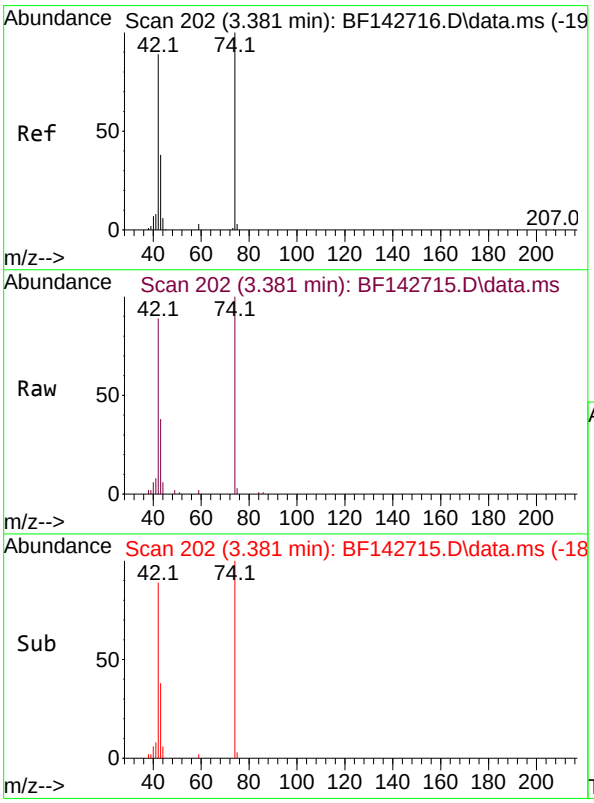
#3
Pyridine
Concen: 19.906 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 94010

Ion	Ratio	Lower	Upper
79	100		
52	84.8	67.1	100.7
51	41.1	32.6	48.8

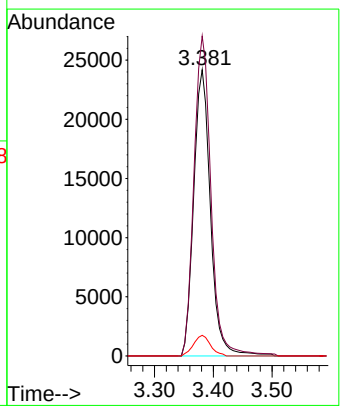


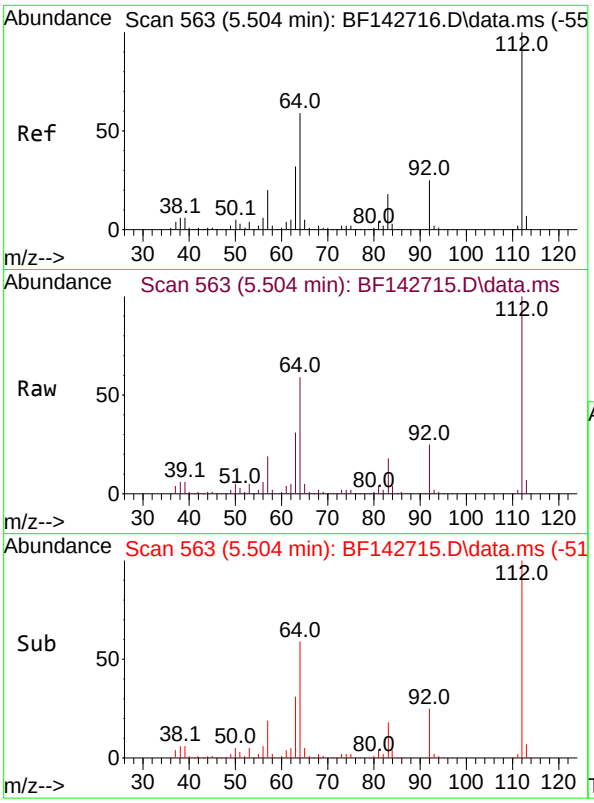


#4
n-Nitrosodimethylamine
Concen: 20.630 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 42 Resp: 47876

Ion	Ratio	Lower	Upper
42	100		
74	111.8	89.6	134.4
44	7.2	5.4	8.2



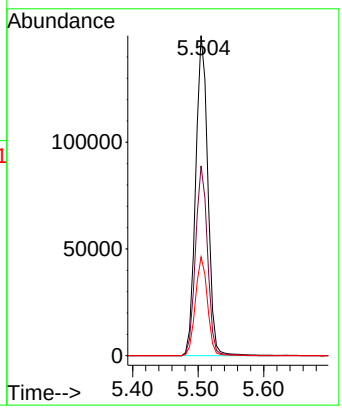


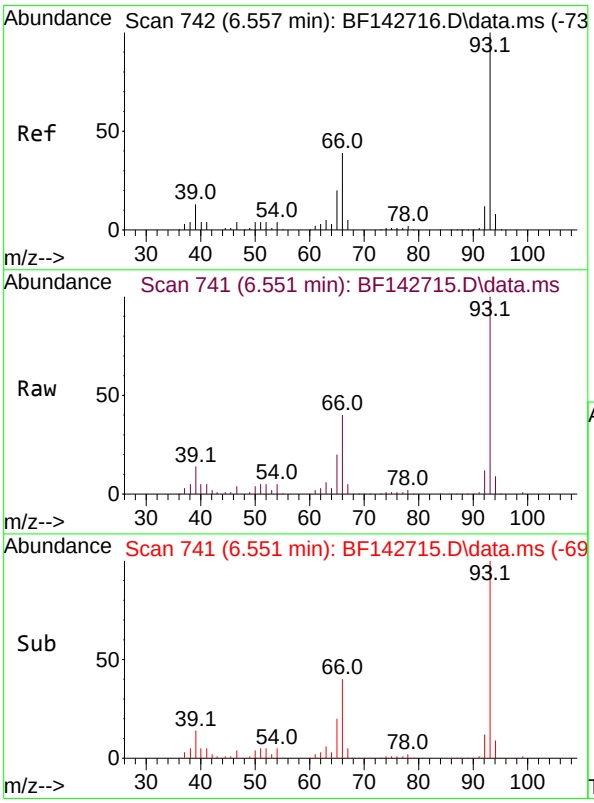
#5
2-Fluorophenol
Concen: 40.648 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 194642

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.4	71.2
63	30.9	25.4	38.0

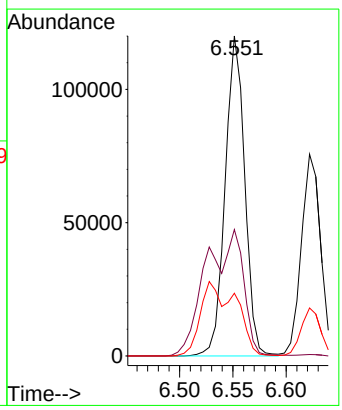


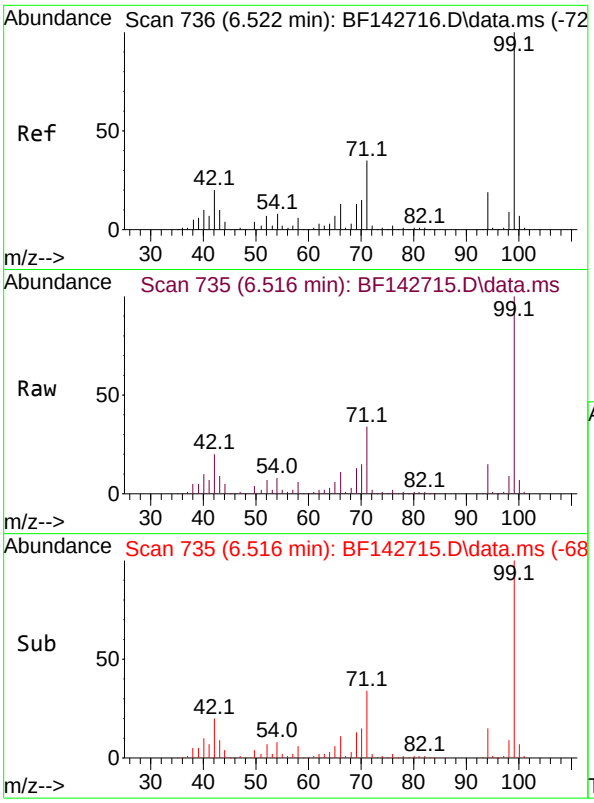


#6
Aniline
Concen: 20.432 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 93 Resp: 153658

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.0	48.0
65	19.6	16.1	24.1



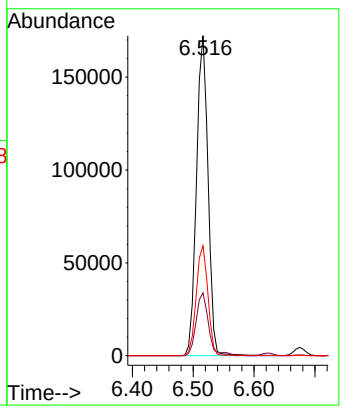


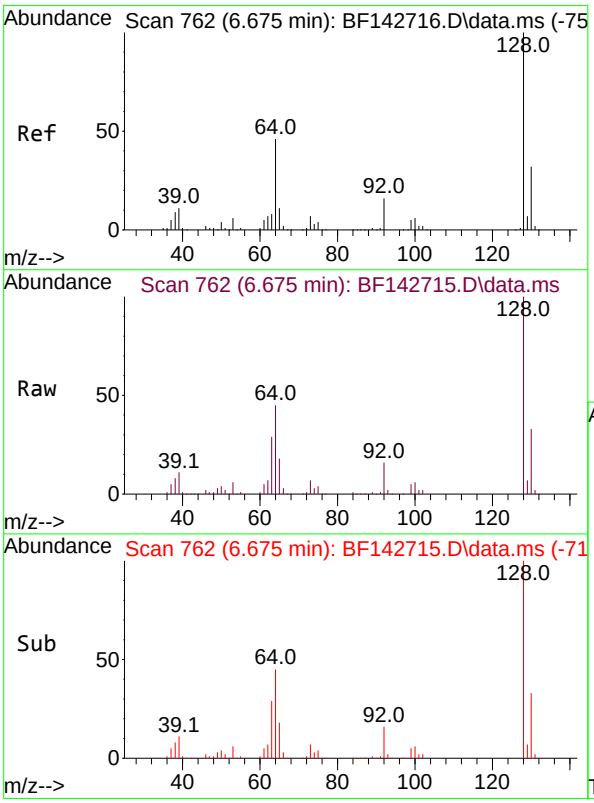
#7
Phenol-d6
Concen: 40.584 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 227264

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	34.4	28.0	42.0

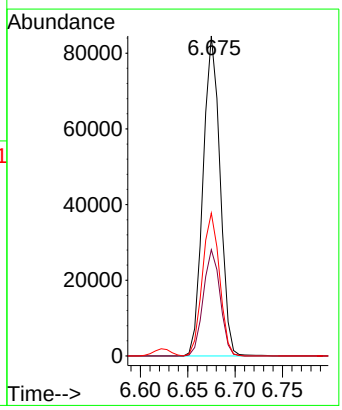


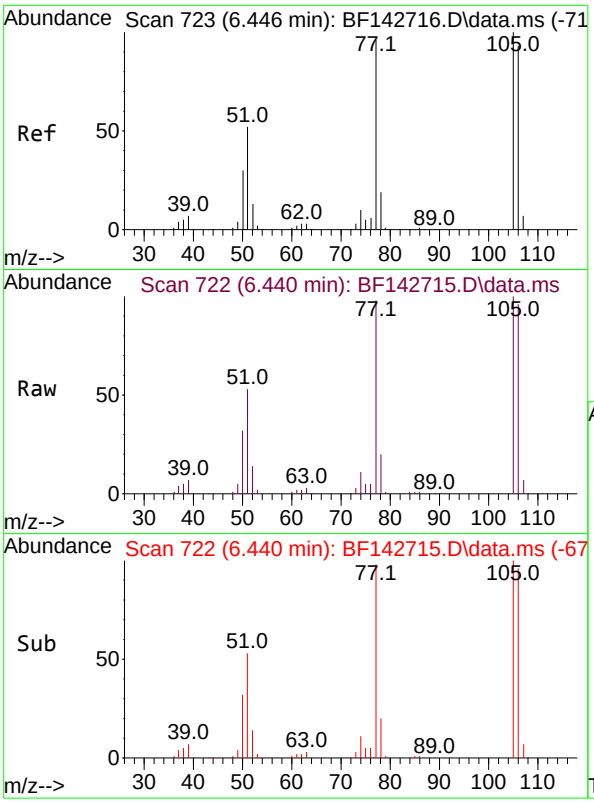


#8
2-Chlorophenol
Concen: 20.140 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:128 Resp: 105458

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	44.7	26.5	66.5



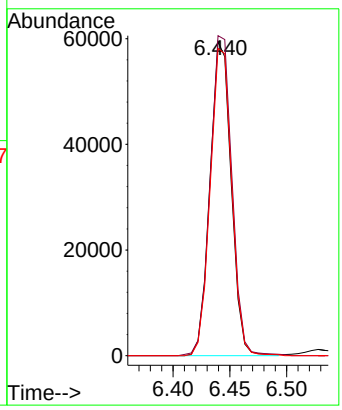


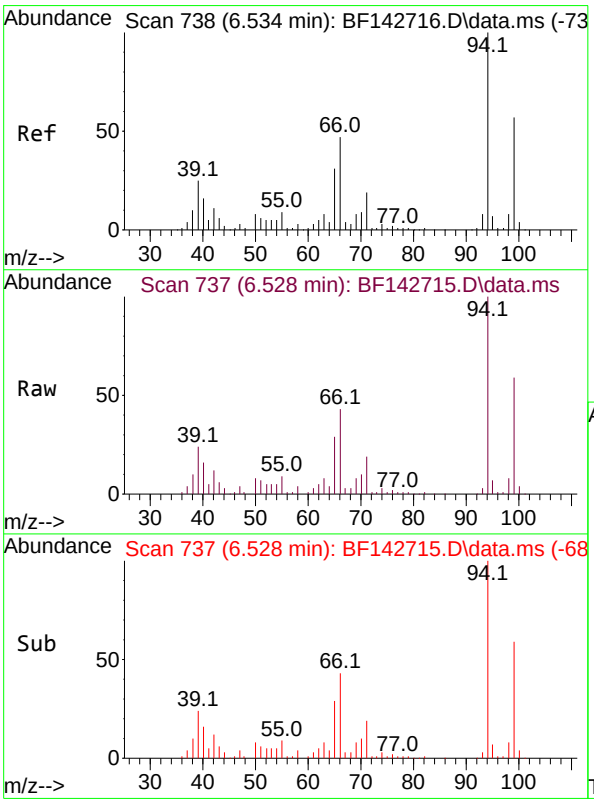
#9
Benzaldehyde
Concen: 24.308 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 77101

Ion	Ratio	Lower	Upper
77	100		
105	101.9	84.1	124.1
106	97.8	77.2	117.2

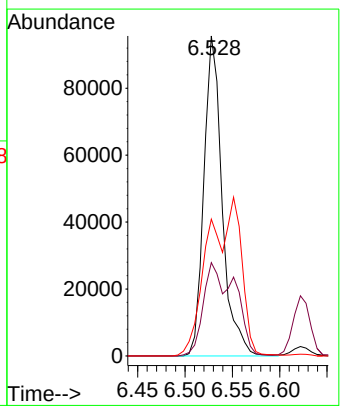


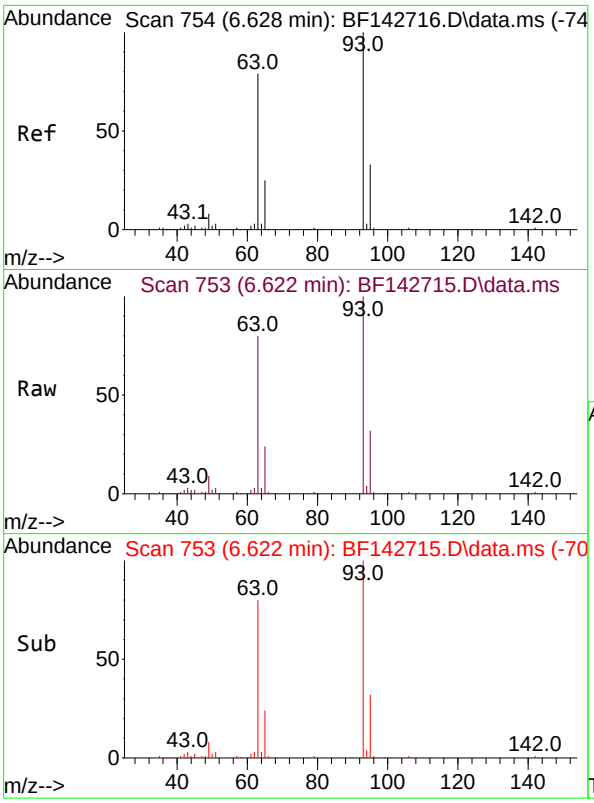


#10
Phenol
Concen: 20.461 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 94 Resp: 127959

Ion	Ratio	Lower	Upper
94	100		
65	29.2	11.4	51.4
66	42.8	26.7	66.7



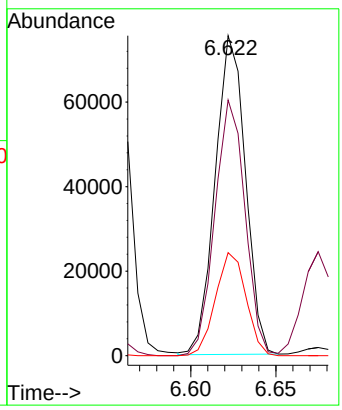


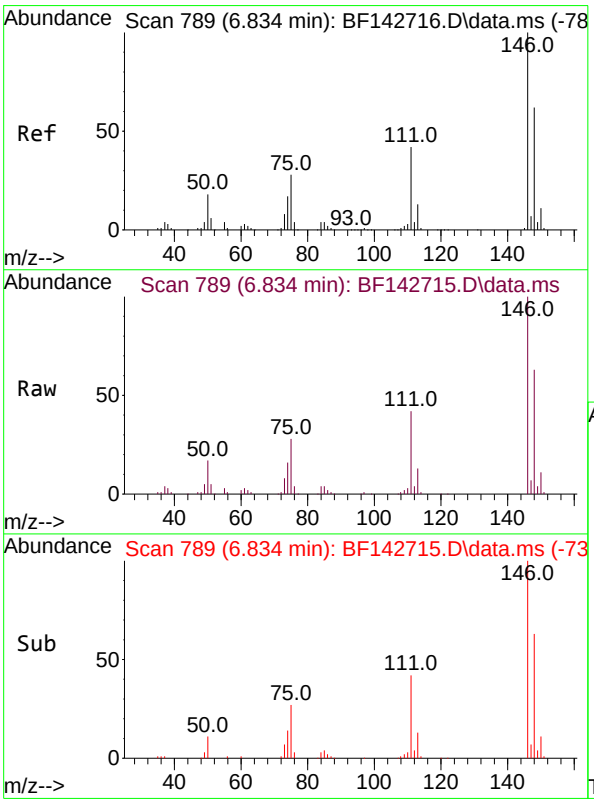
#11
bis(2-Chloroethyl)ether
Concen: 20.354 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 93244

Ion	Ratio	Lower	Upper
93	100		
63	79.9	58.3	98.3
95	32.2	13.1	53.1

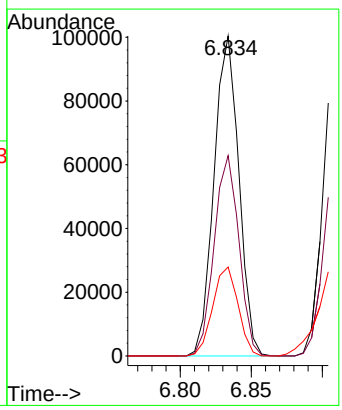


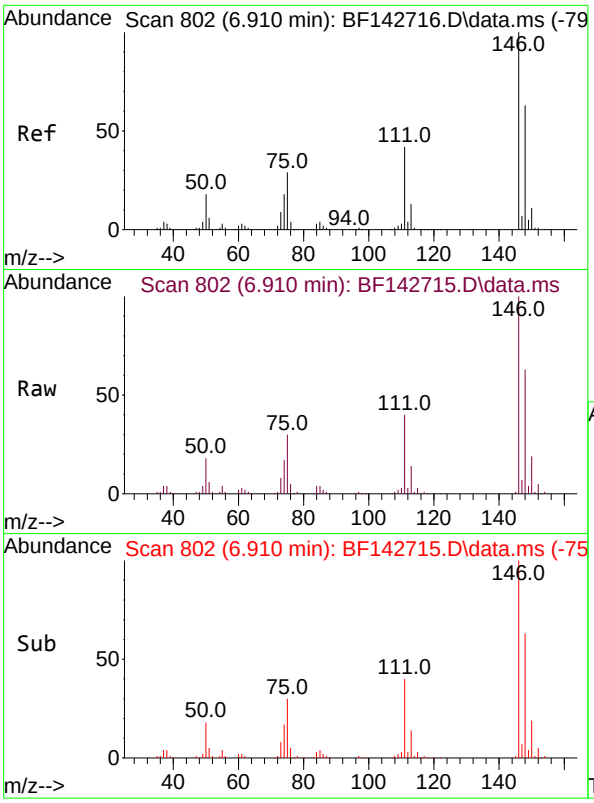


#12
1,3-Dichlorobenzene
Concen: 20.821 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:146 Resp: 122041

Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.9	74.9
75	27.8	22.6	34.0



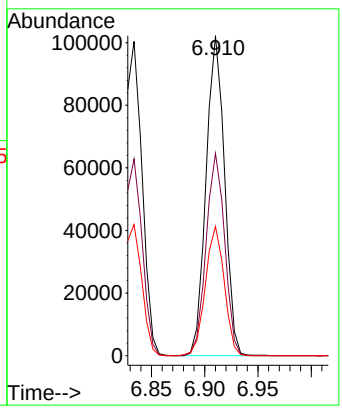


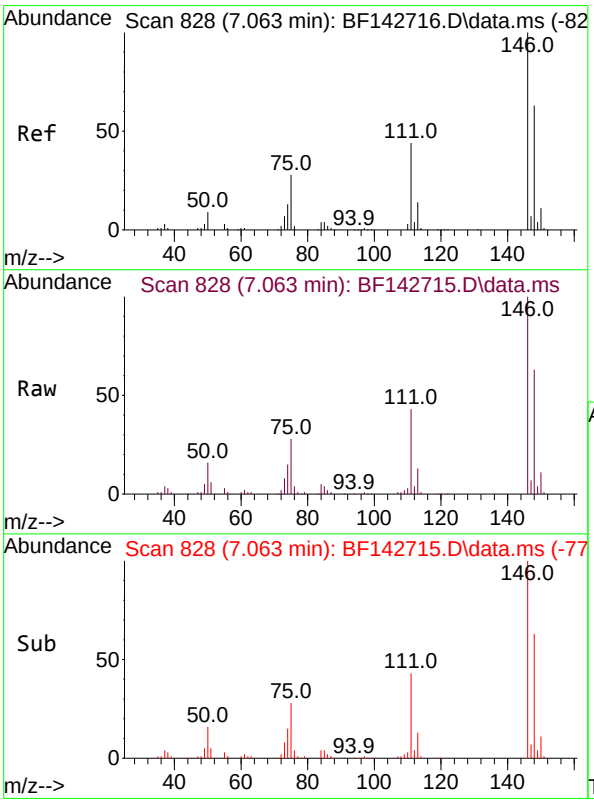
#13
1,4-Dichlorobenzene
Concen: 20.634 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 123218

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
111	40.4	33.6	50.4

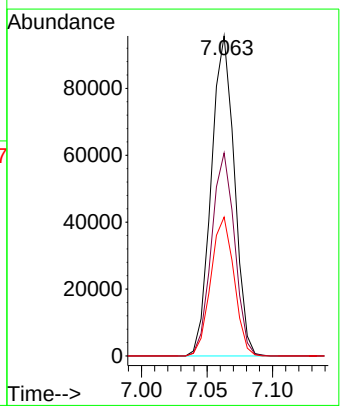


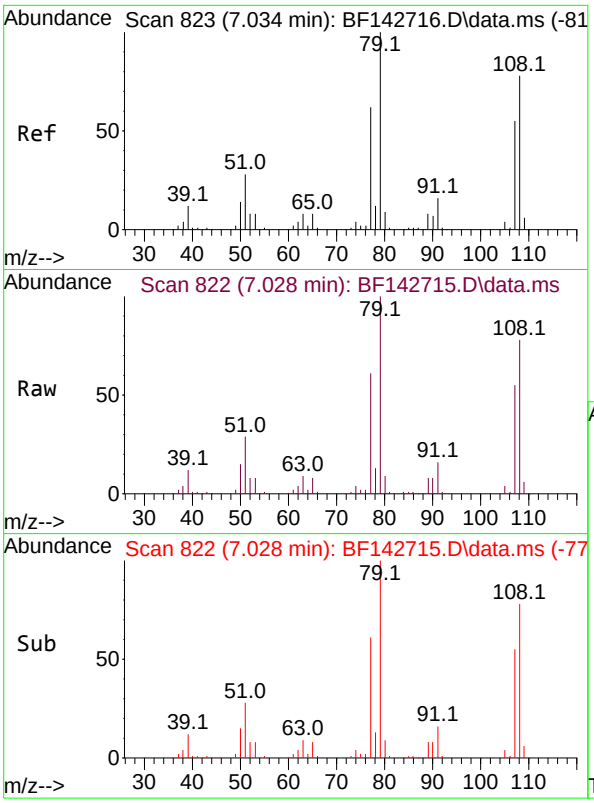


#14
1,2-Dichlorobenzene
Concen: 20.577 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:146 Resp: 117164

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.4	35.2	52.8



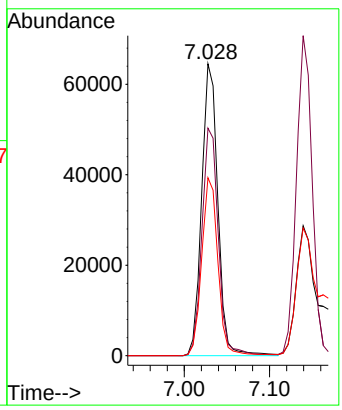


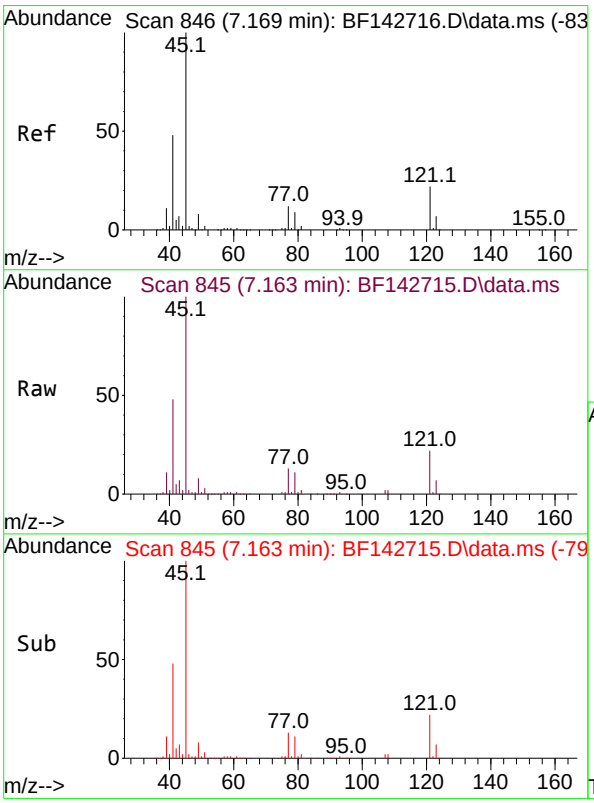
#15
Benzyl Alcohol
Concen: 20.593 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 85092

Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.6	94.0
77	61.0	49.8	74.8

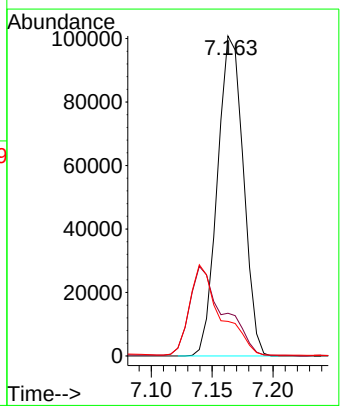


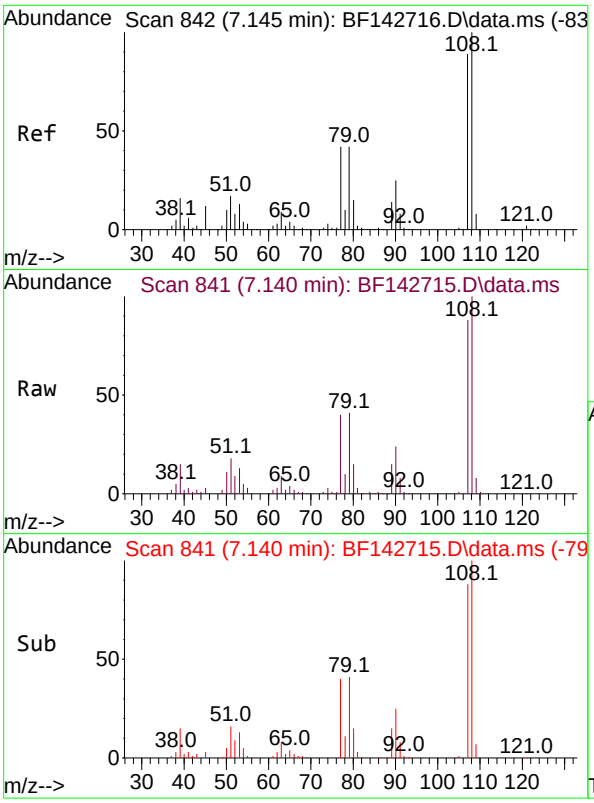


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.134 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 45 Resp: 149275

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.1
79	10.8	0.0	30.5



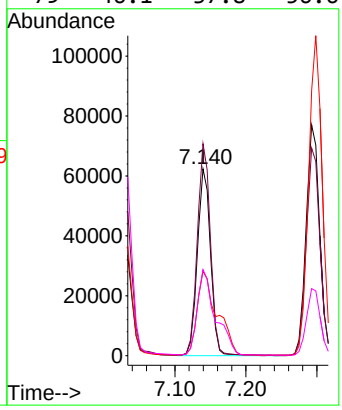


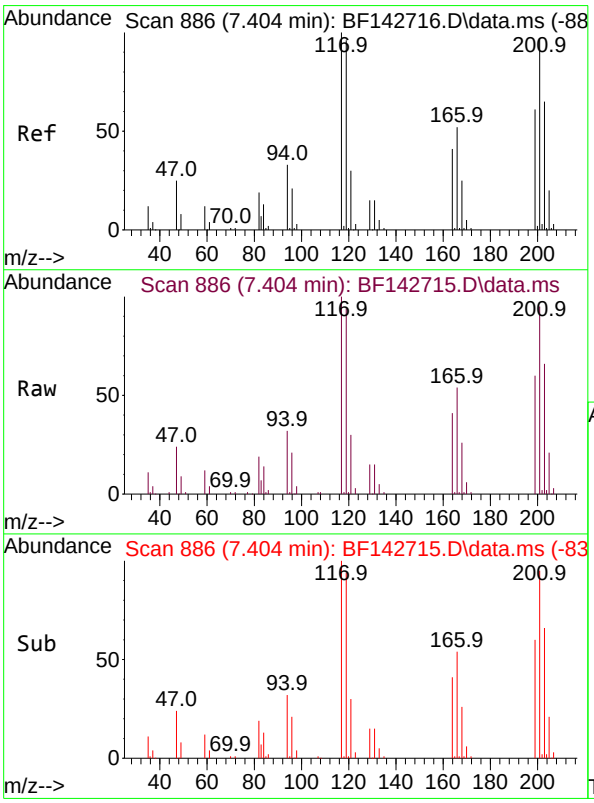
#17
2-Methylphenol
Concen: 20.215 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 80771

Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	45.2	38.2	57.2
79	46.1	37.8	56.6

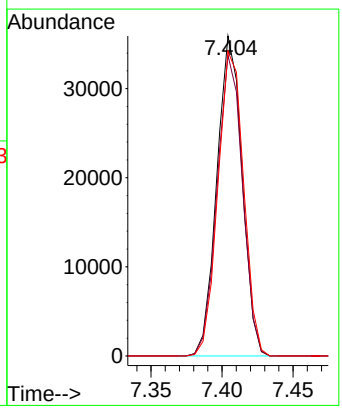


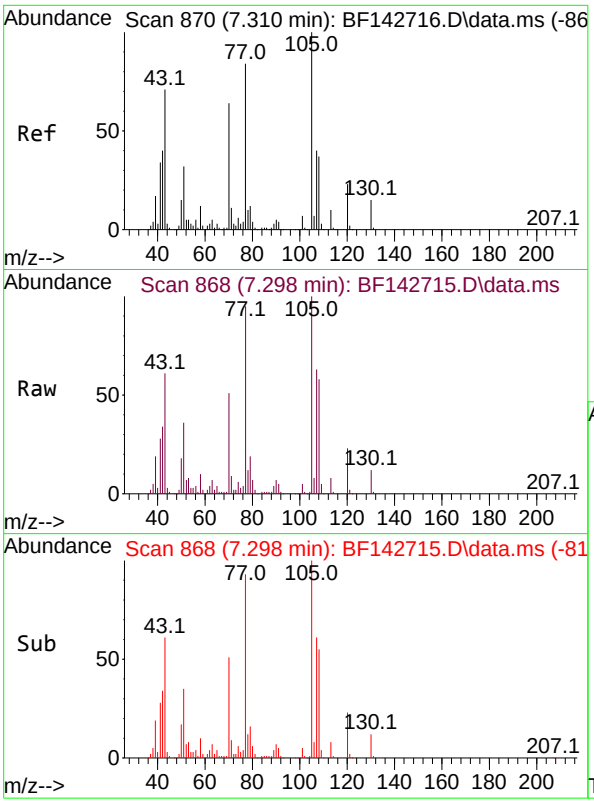


#18
Hexachloroethane
Concen: 21.335 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:117 Resp: 44183

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.4	114.6
201	95.2	77.8	116.6



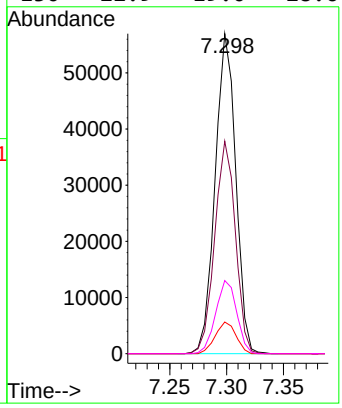


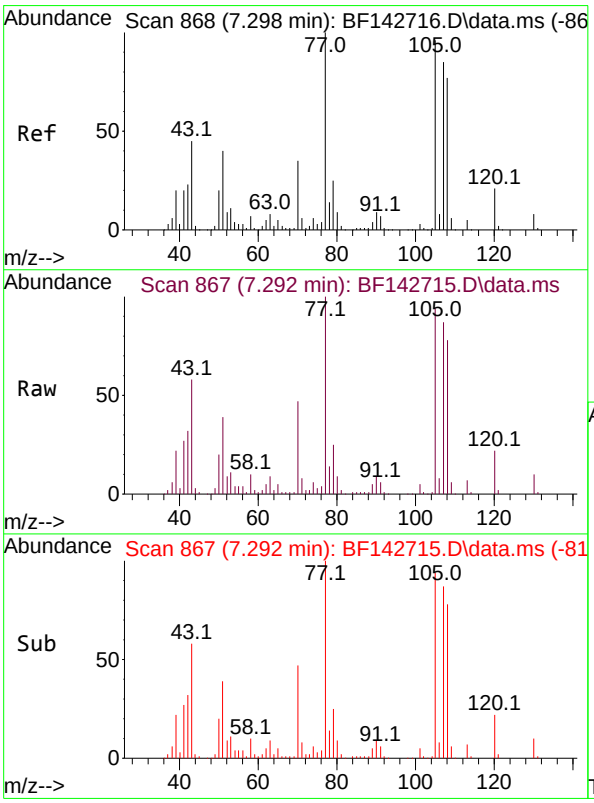
#19
n-Nitroso-di-n-propylamine
Concen: 21.709 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 71901

Ion	Ratio	Lower	Upper
70	100		
42	66.4	50.2	75.4
101	9.9	8.3	12.5
130	22.9	19.0	28.6

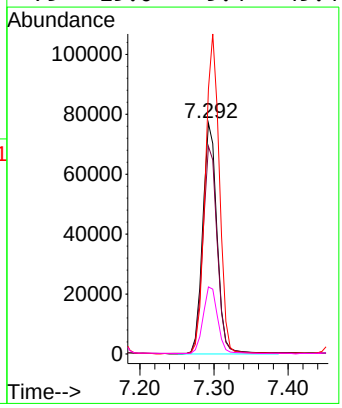


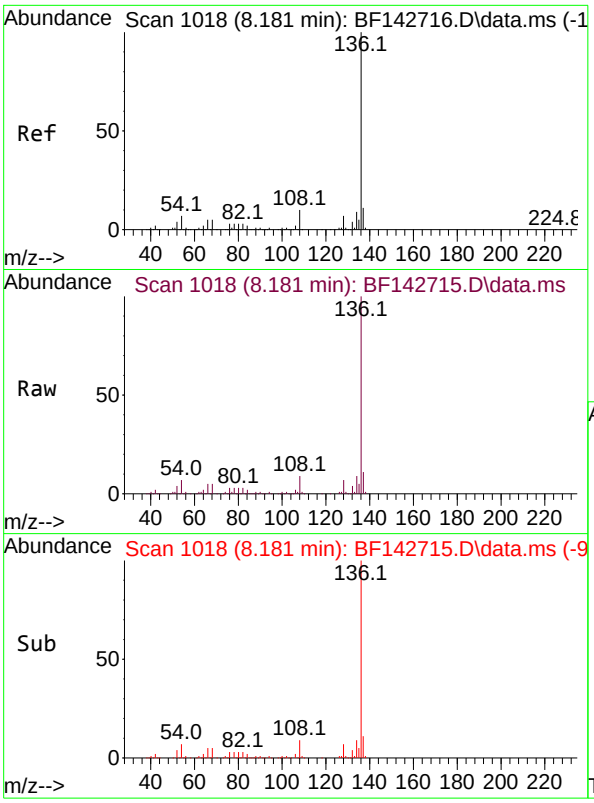


#20
3+4-Methylphenols
Concen: 21.119 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:107 Resp: 104278

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	114.9	97.4	137.4
79	29.0	9.4	49.4



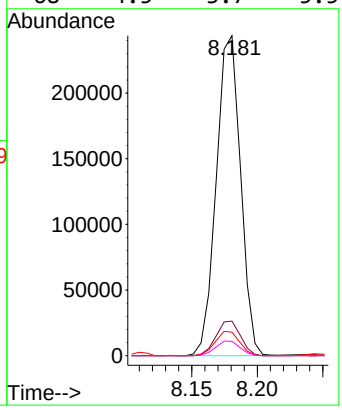


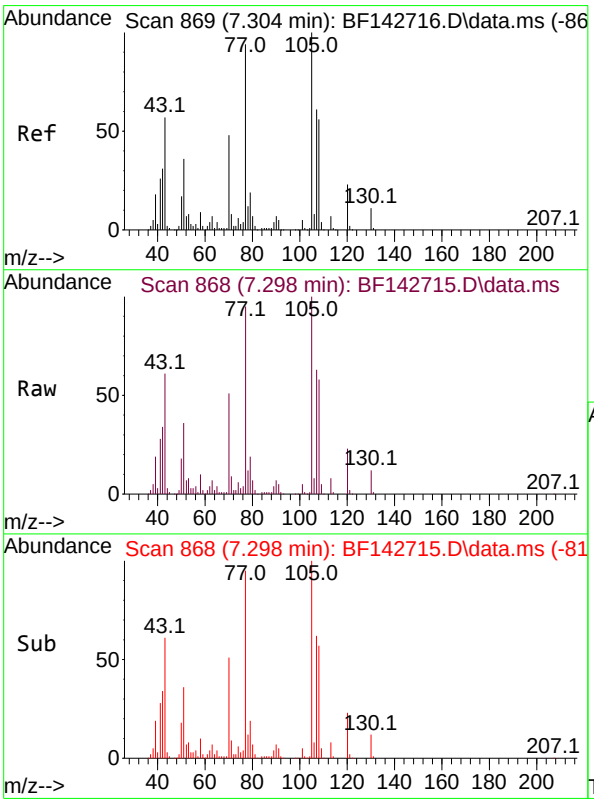
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 314255

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.3	5.9	8.9
68	4.5	3.7	5.5

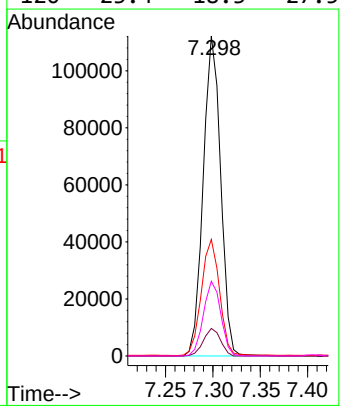


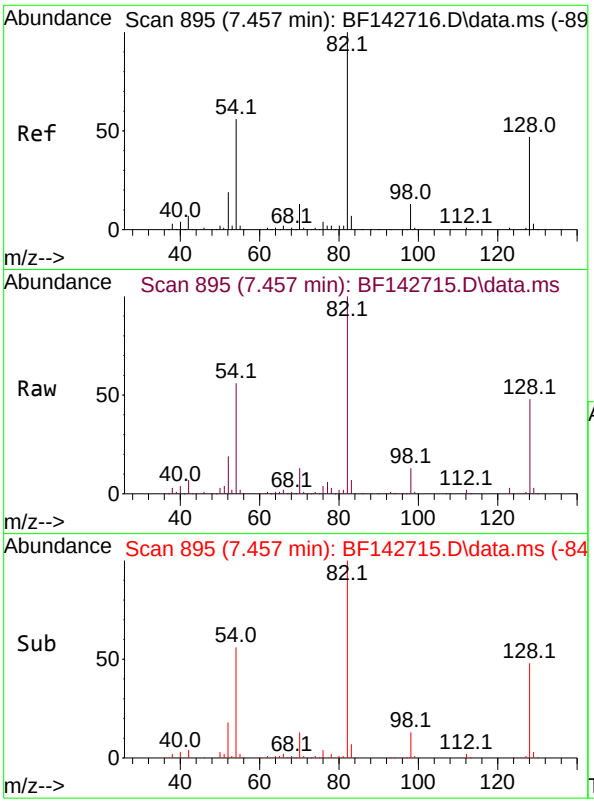


#22
Acetophenone
Concen: 20.920 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:105 Resp: 143791

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.4	9.6
51	36.4	29.1	43.7
120	23.4	18.3	27.5



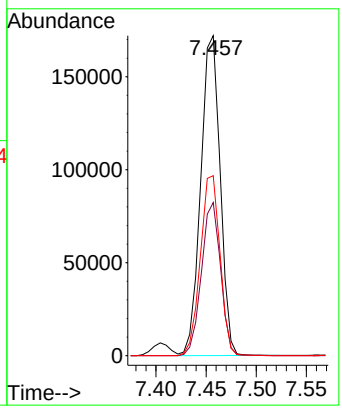


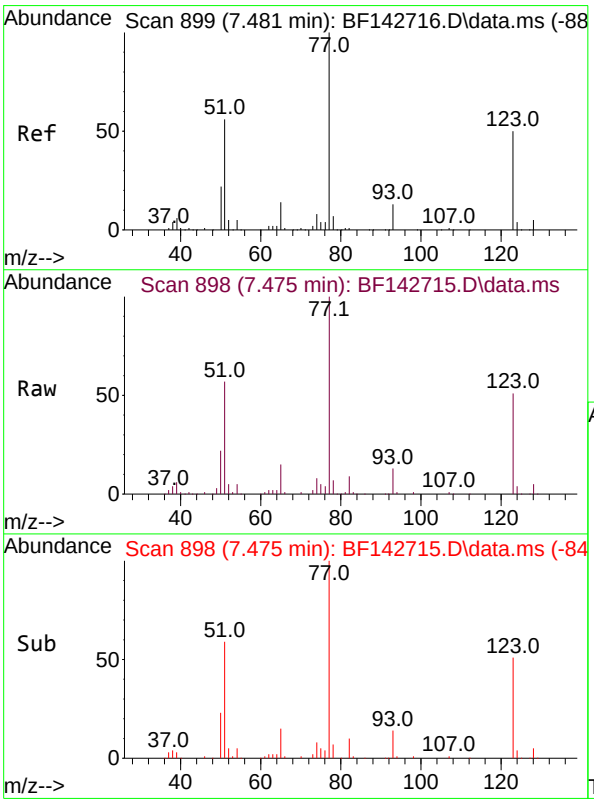
#23
Nitrobenzene-d5
Concen: 40.499 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 232019

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	56.3	44.9	67.3

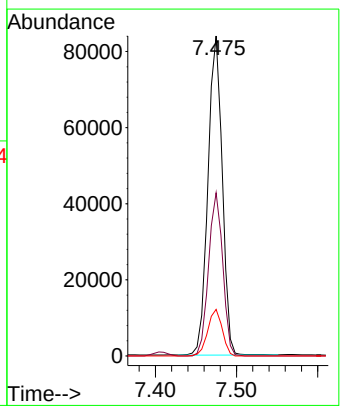


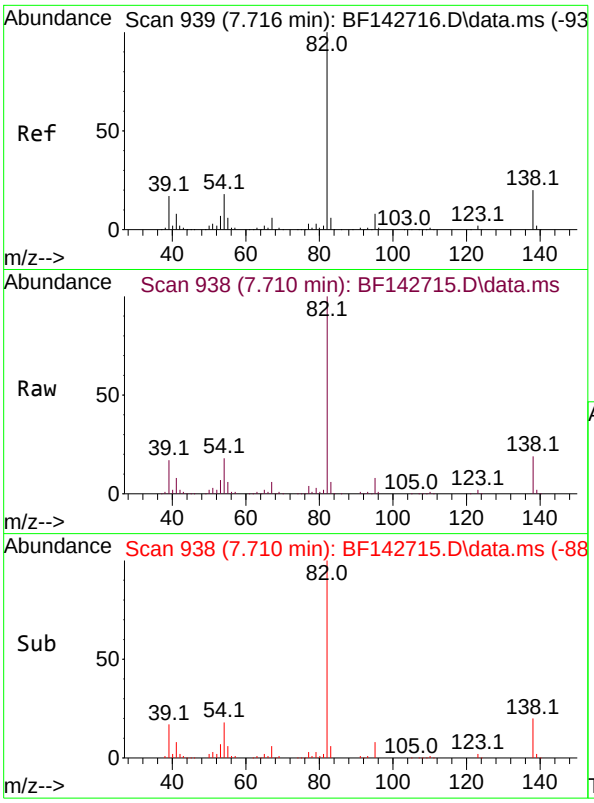


#24
Nitrobenzene
Concen: 19.854 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 77 Resp: 102335

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.8	61.2
65	14.5	11.5	17.3



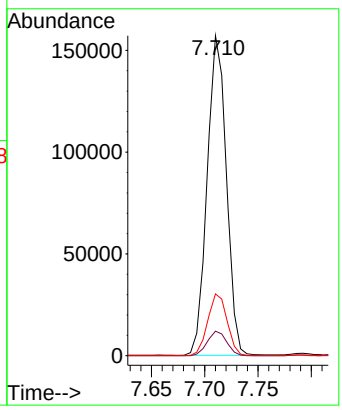


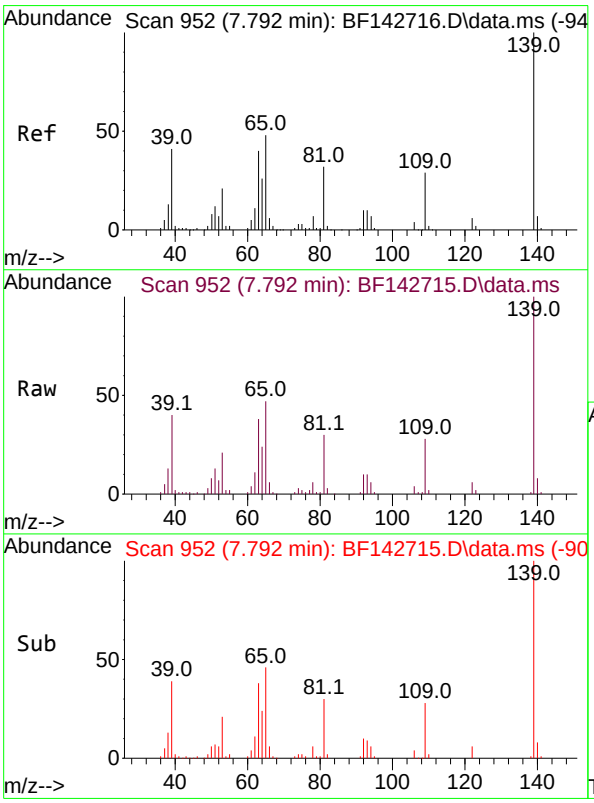
#25
Isophorone
Concen: 21.062 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 197471

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	19.3	15.8	23.6

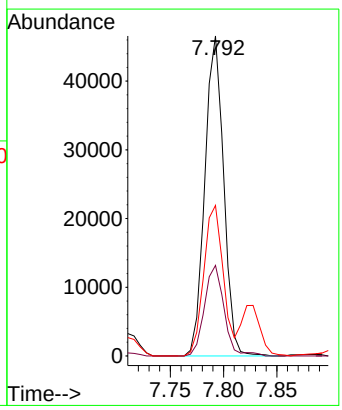


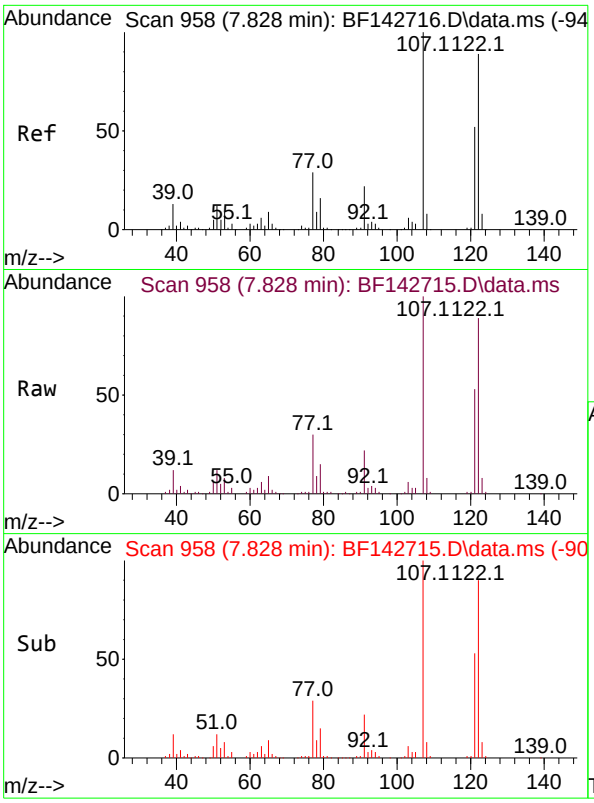


#26
2-Nitrophenol
Concen: 20.198 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:139 Resp: 57374

Ion	Ratio	Lower	Upper
139	100		
109	28.3	23.4	35.2
65	47.0	38.7	58.1



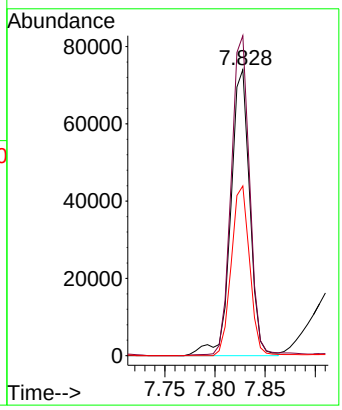


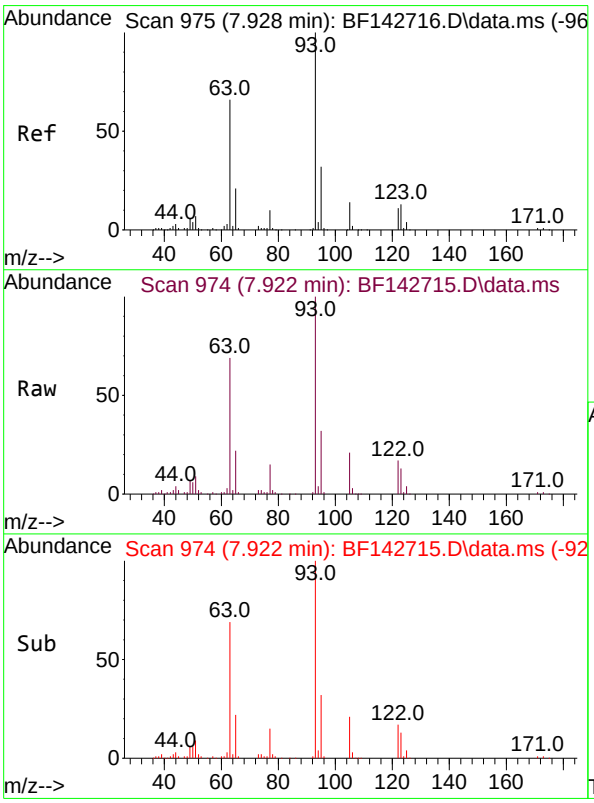
#27
2,4-Dimethylphenol
Concen: 20.170 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 97721

Ion	Ratio	Lower	Upper
122	100		
107	111.9	90.4	135.6
121	59.3	46.9	70.3

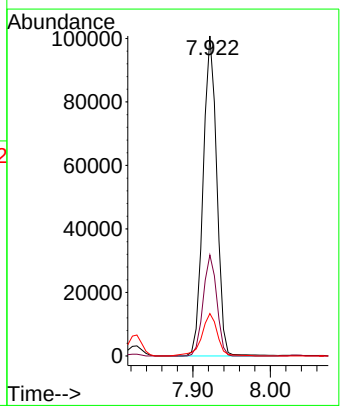


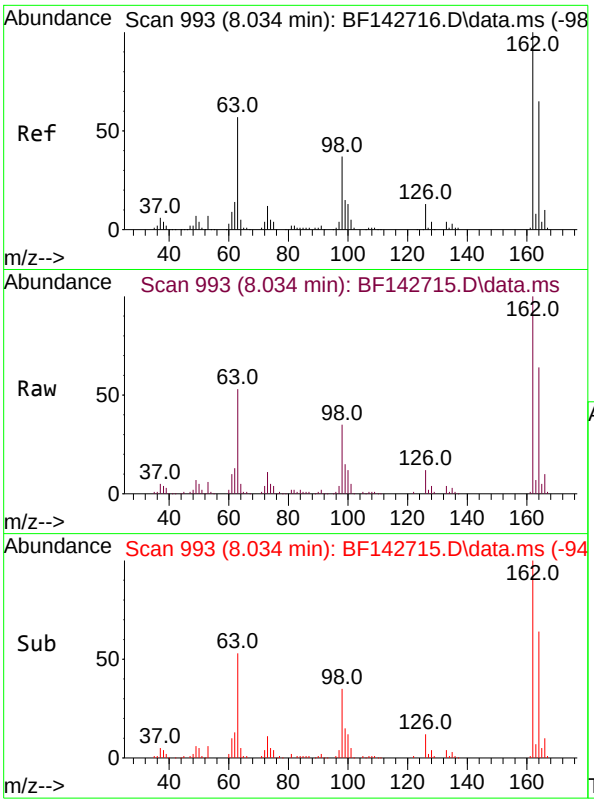


#28
bis(2-Chloroethoxy)methane
Concen: 21.148 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 93 Resp: 123223

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	13.3	10.3	15.5



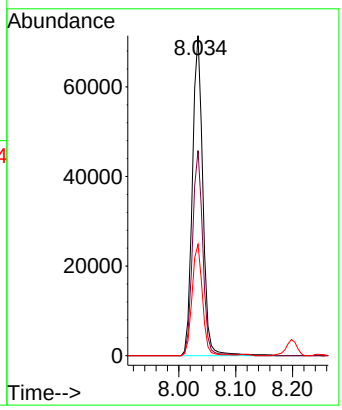


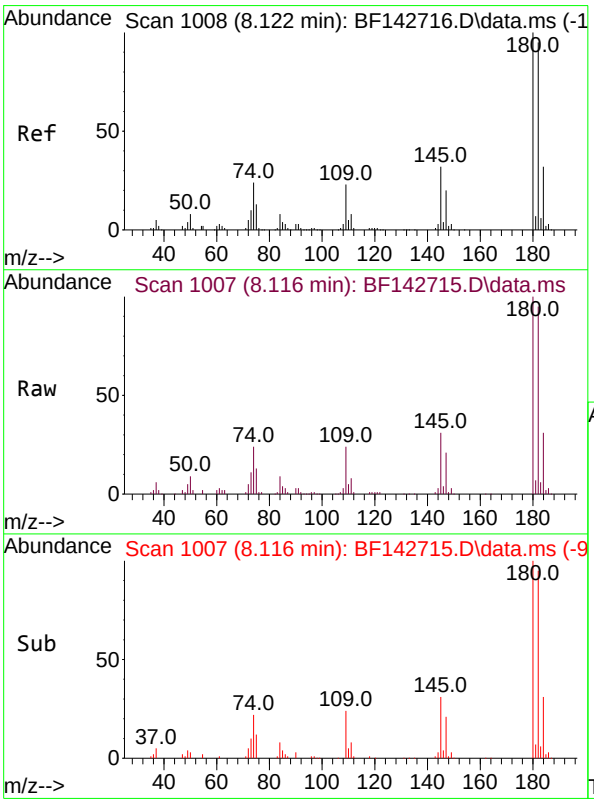
#29
2,4-Dichlorophenol
Concen: 20.874 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 91906

Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.1	85.1
98	34.8	16.7	56.7

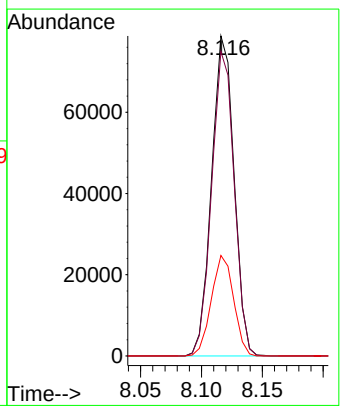


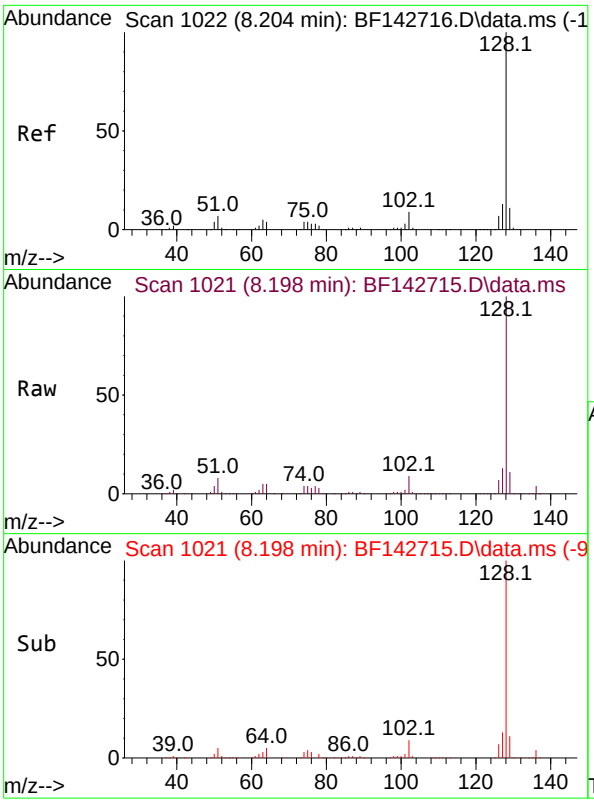


#30
1,2,4-Trichlorobenzene
Concen: 20.839 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:180 Resp: 101174

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.9	113.9
145	31.4	25.7	38.5



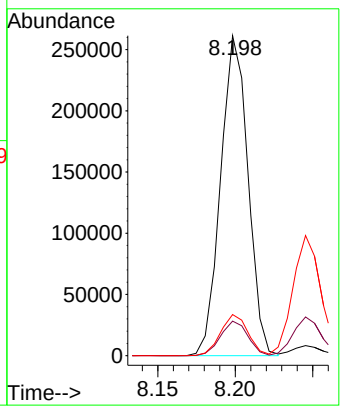


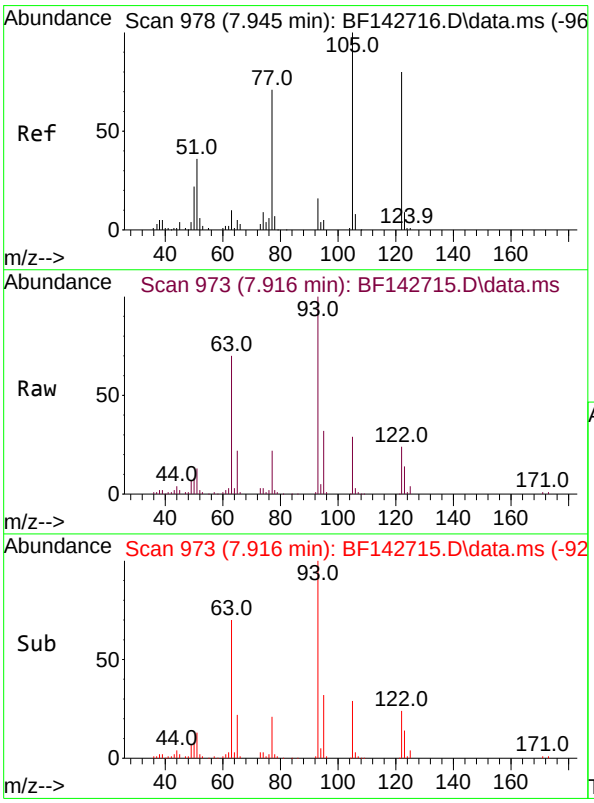
#31
Naphthalene
Concen: 20.724 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 320958

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.9	10.4	15.6

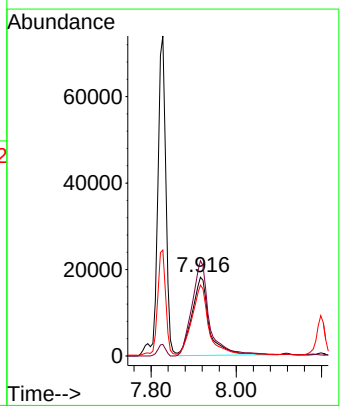


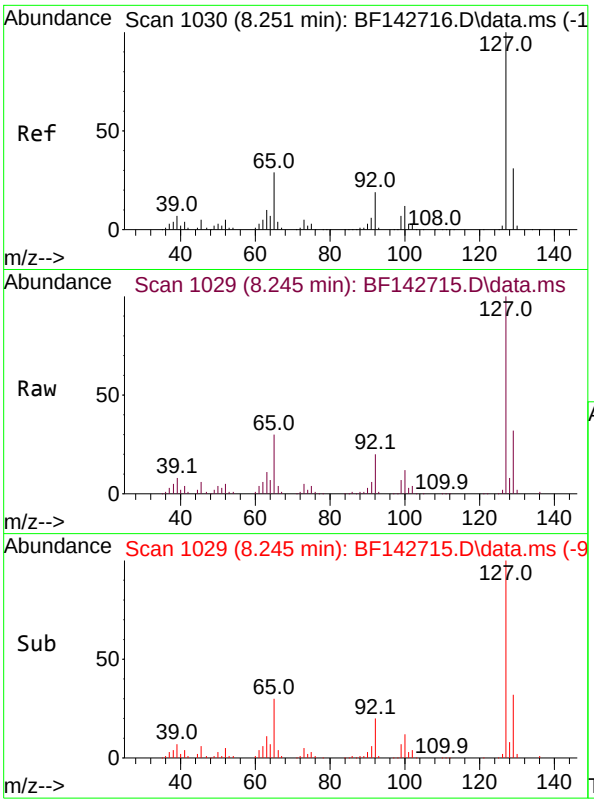


#32
Benzoic acid
Concen: 17.603 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:122 Resp: 51045

Ion	Ratio	Lower	Upper
122	100		
105	120.9	102.6	142.6
77	90.0	68.2	108.2



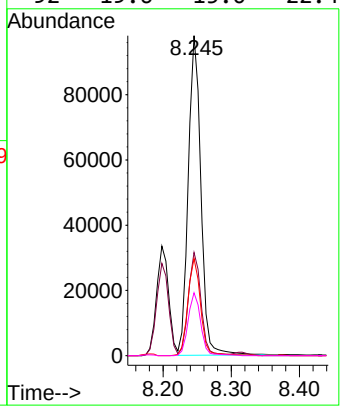


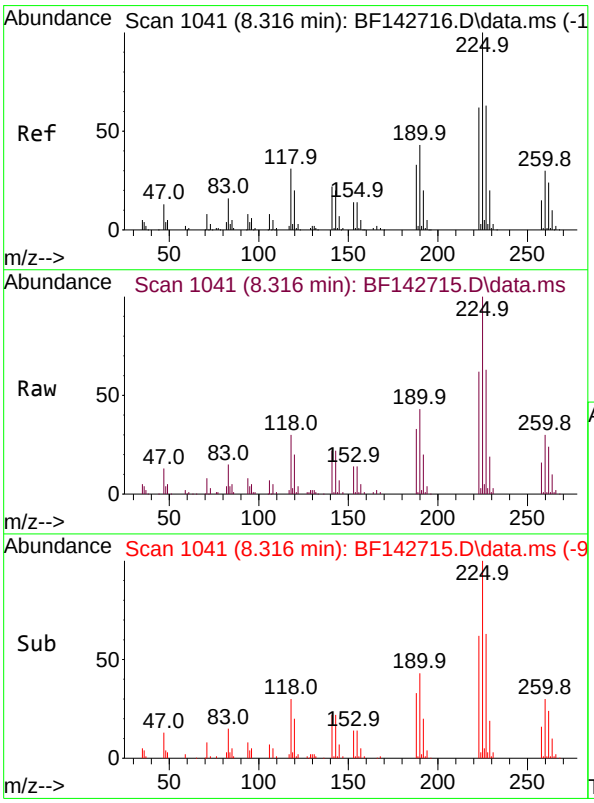
#33
4-Chloroaniline
Concen: 19.722 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 125346

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	30.3	23.0	34.4
92	19.6	15.0	22.4

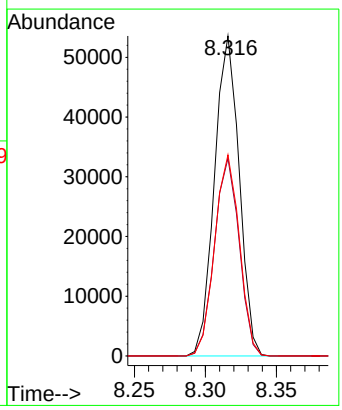


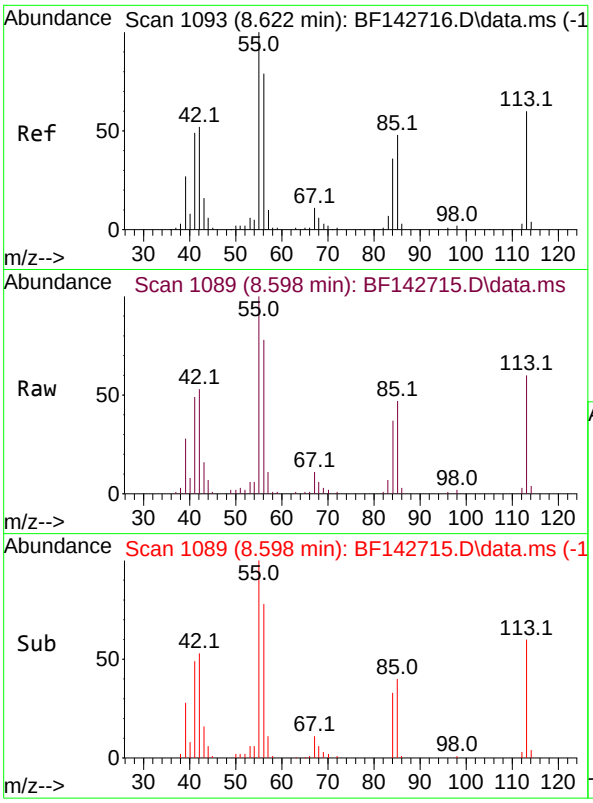


#34
Hexachlorobutadiene
Concen: 21.572 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:225 Resp: 64827

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.3	73.9
227	62.8	50.6	75.8



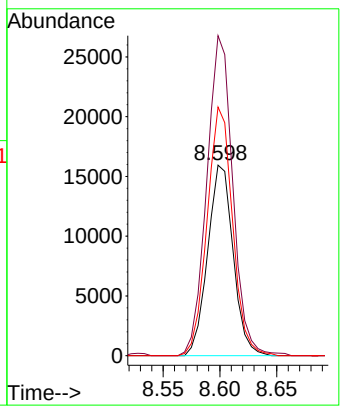


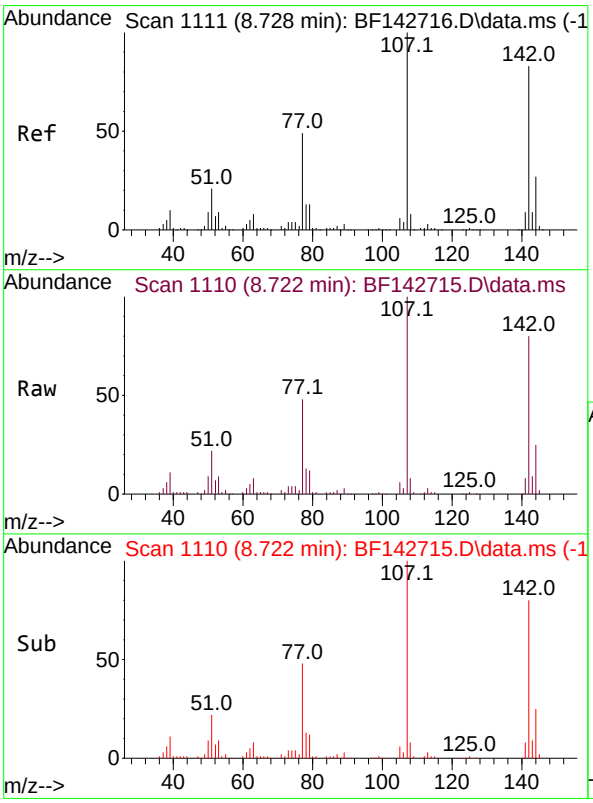
#35
Caprolactam
Concen: 18.615 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 24851

Ion	Ratio	Lower	Upper
113	100		
55	168.0	147.9	187.9
56	130.5	111.9	151.9

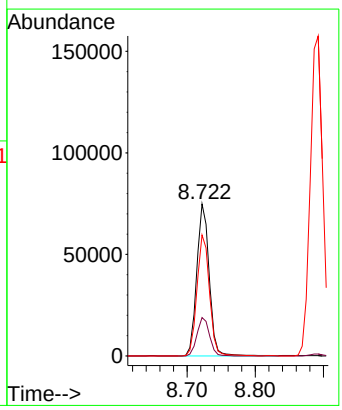


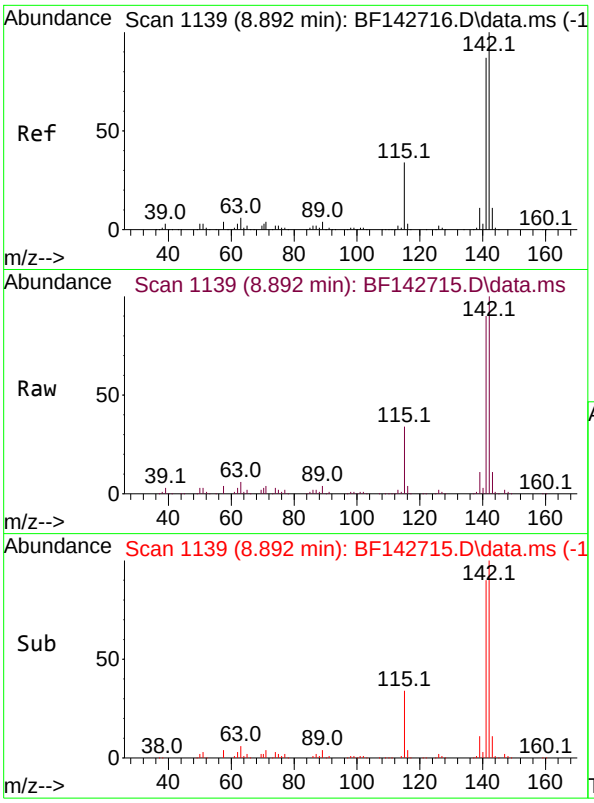


#36
4-Chloro-3-methylphenol
Concen: 20.614 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:107 Resp: 95329

Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.3	31.9
142	79.6	66.2	99.2



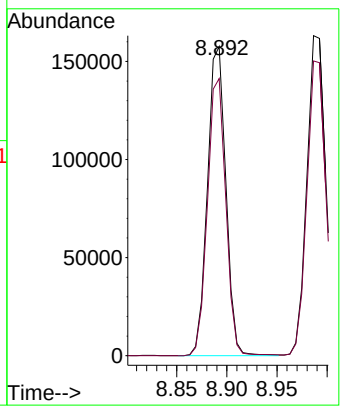


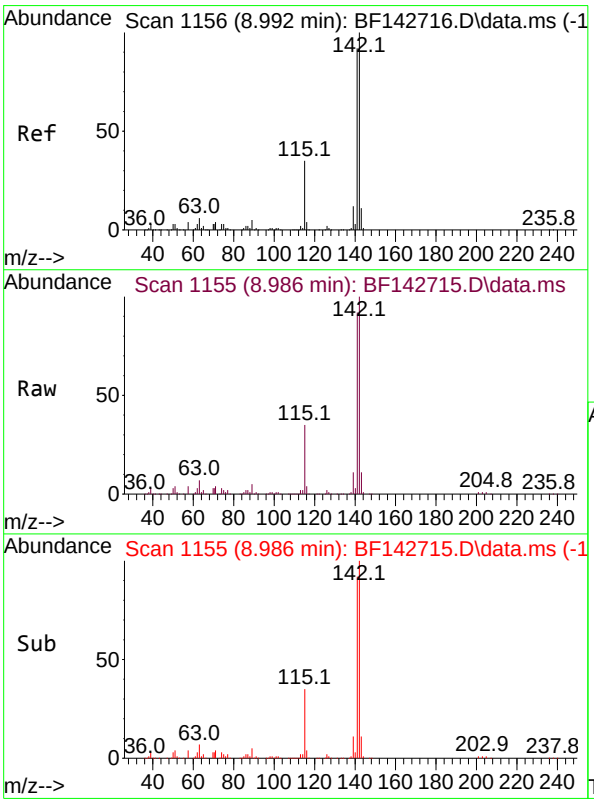
#37
2-Methylnaphthalene
Concen: 20.401 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 201323

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.9	104.9

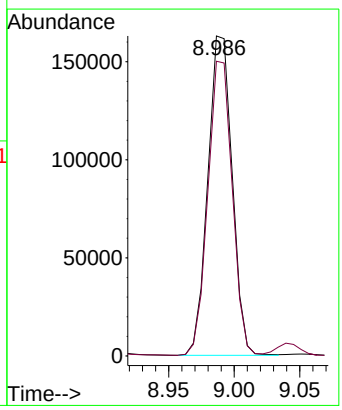


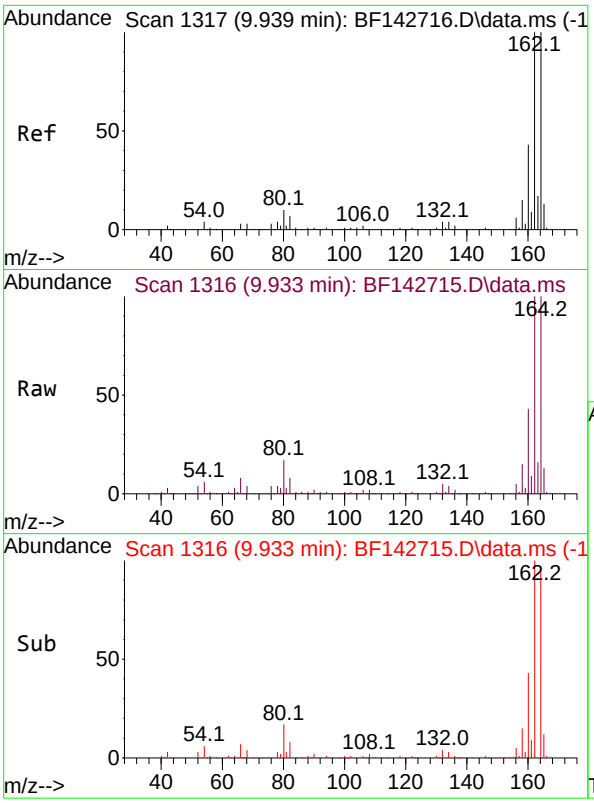


#38
1-Methylnaphthalene
Concen: 20.677 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:142 Resp: 210345

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3



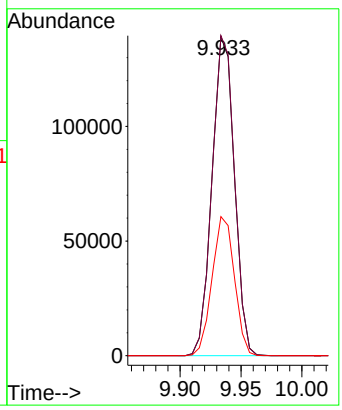


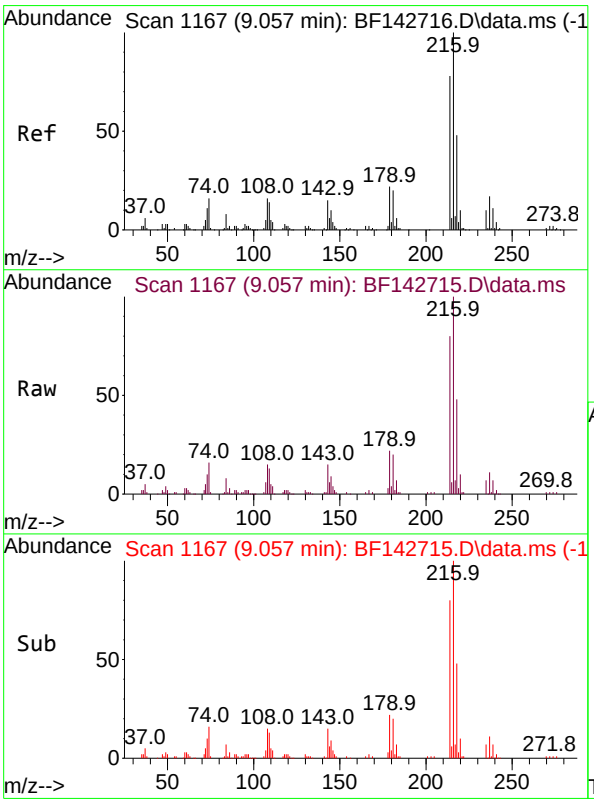
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 177830

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	43.5	34.8	52.2

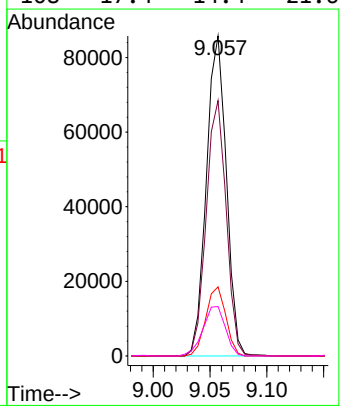


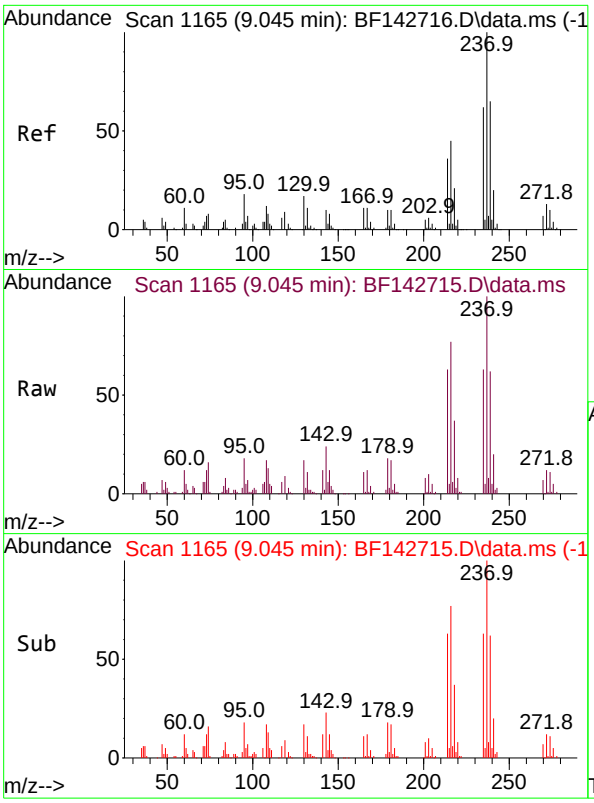


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.240 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:216 Resp: 104684

Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	94.0
179	21.7	17.1	25.7
108	17.4	14.4	21.6



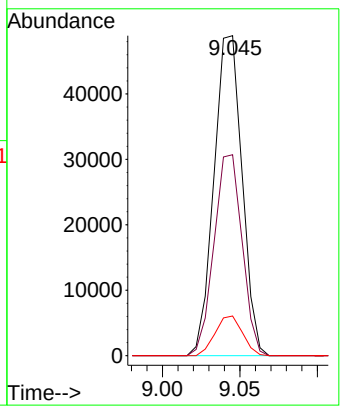


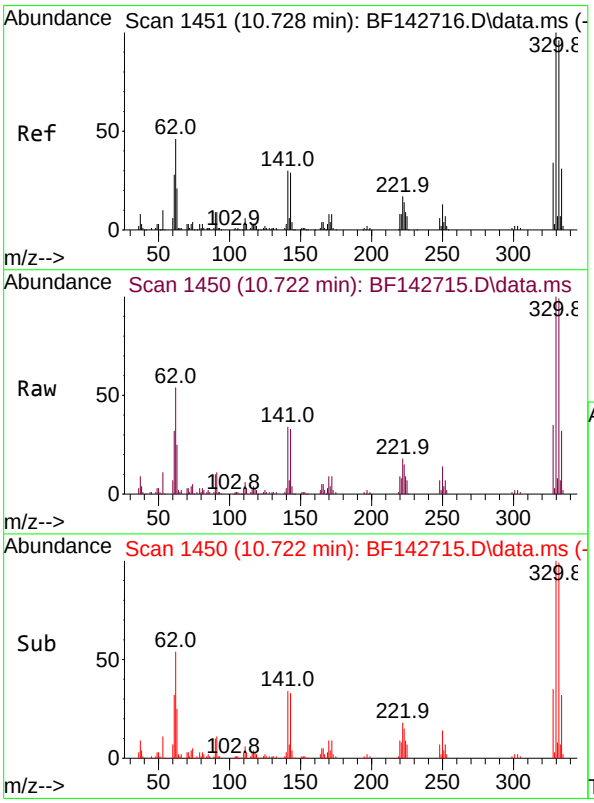
#41
Hexachlorocyclopentadiene
Concen: 20.035 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 61808

Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.9	81.9
272	12.4	0.0	32.5

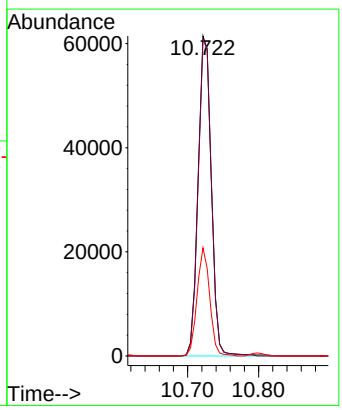


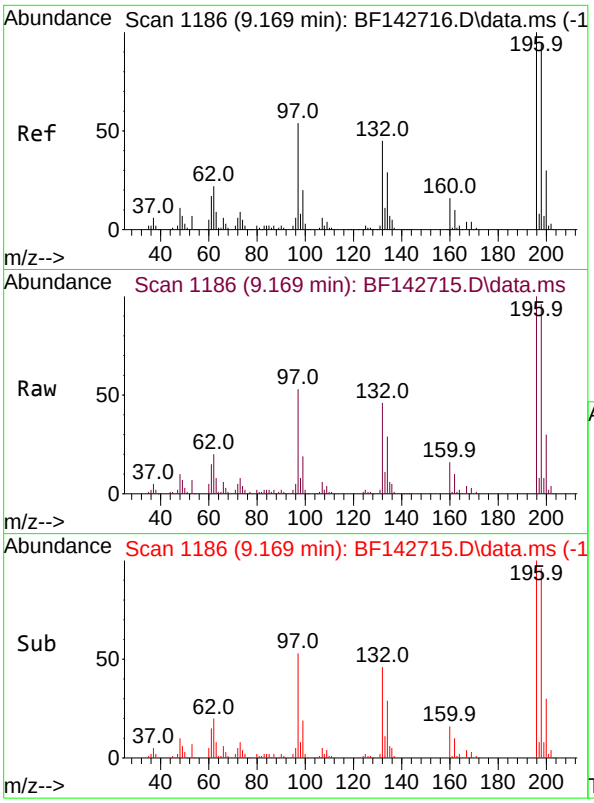


#42
2,4,6-Tribromophenol
Concen: 40.055 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:330 Resp: 79780

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	32.2	25.4	38.0



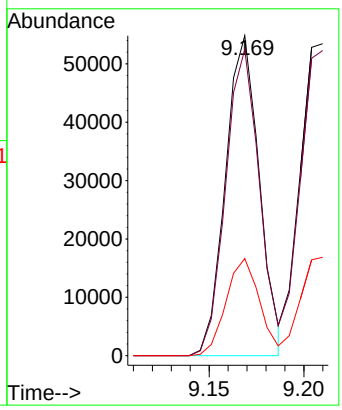


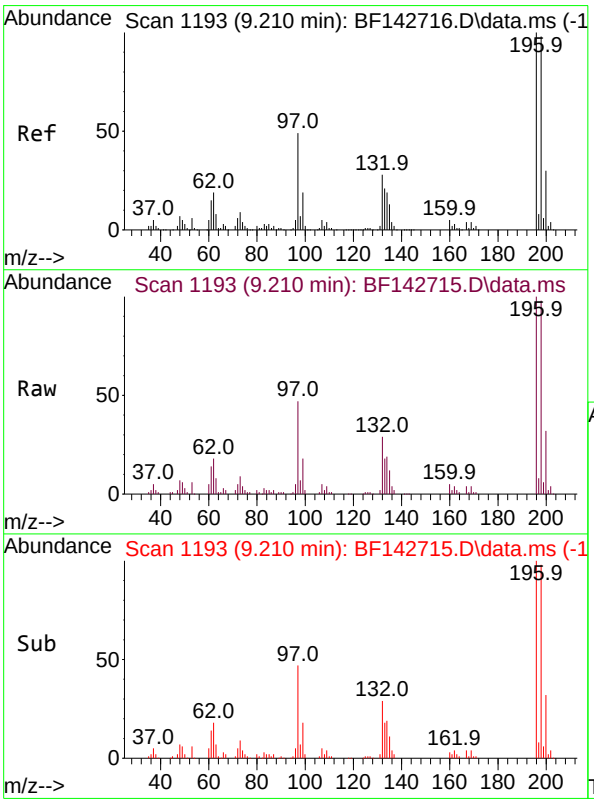
#43
2,4,6-Trichlorophenol
Concen: 20.145 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 68065

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.5	113.3
200	30.3	23.8	35.8

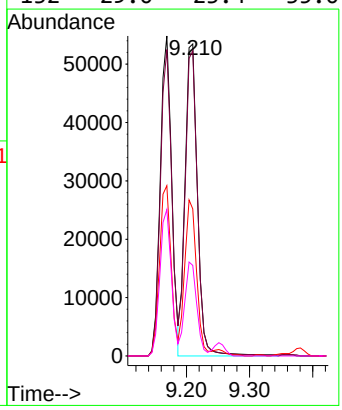


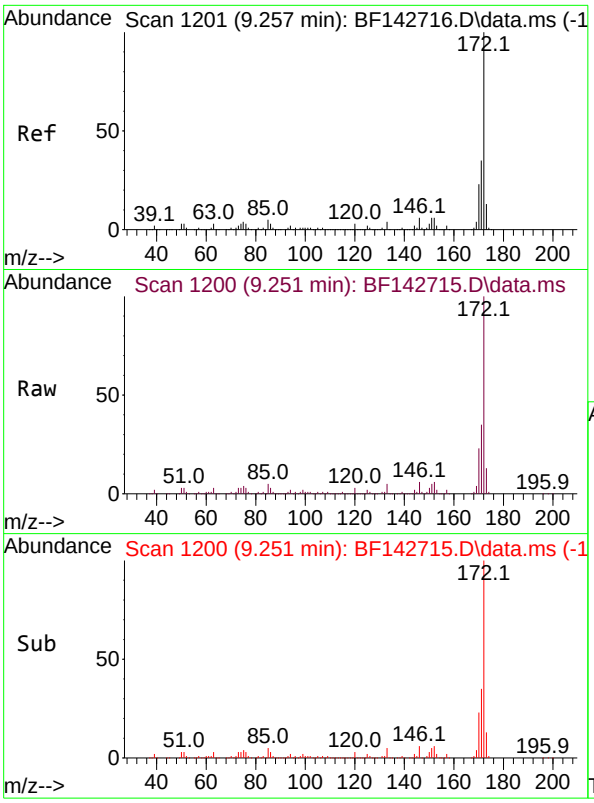


#44
2,4,5-Trichlorophenol
Concen: 20.277 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:196 Resp: 73361

Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
97	47.1	38.6	57.8
132	29.0	23.4	35.0



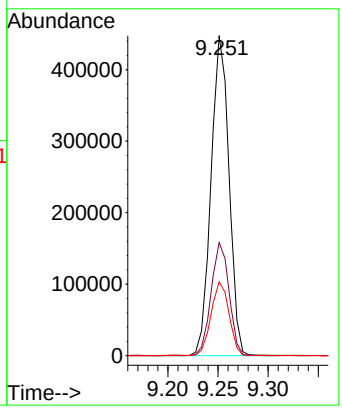


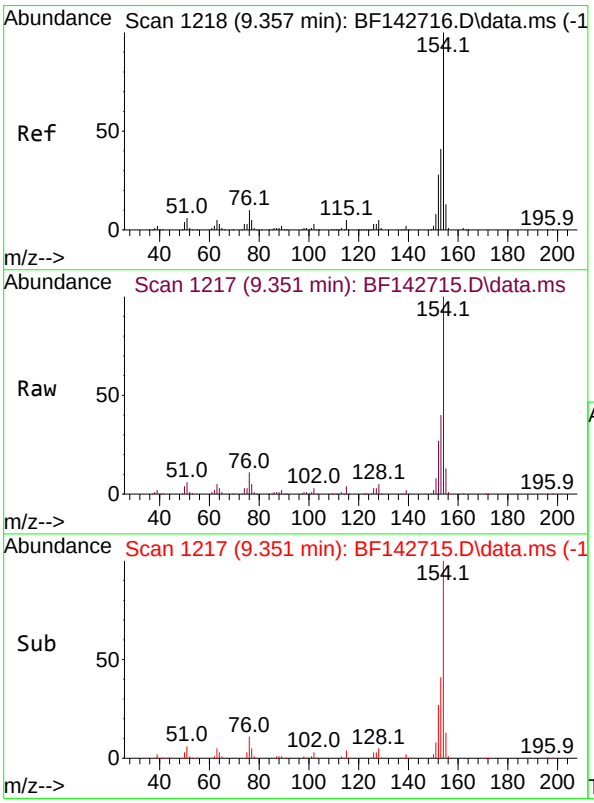
#45
2-Fluorobiphenyl
Concen: 42.608 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 557975

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.1	18.6	27.8

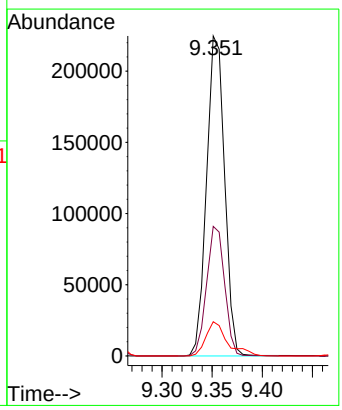


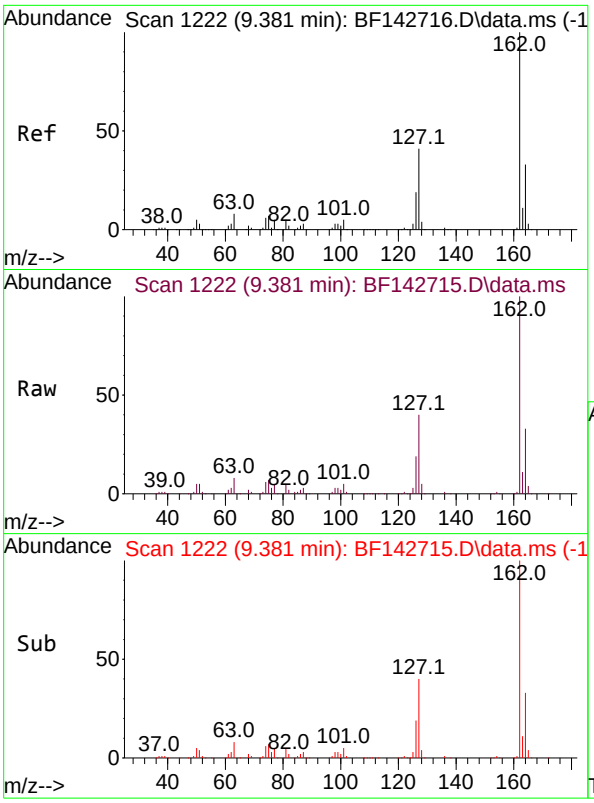


#46
1,1'-Biphenyl
Concen: 20.415 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:154 Resp: 282209

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	10.7	0.0	30.2



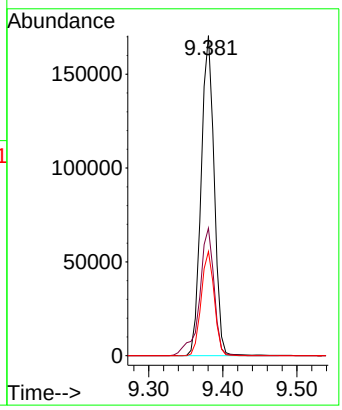


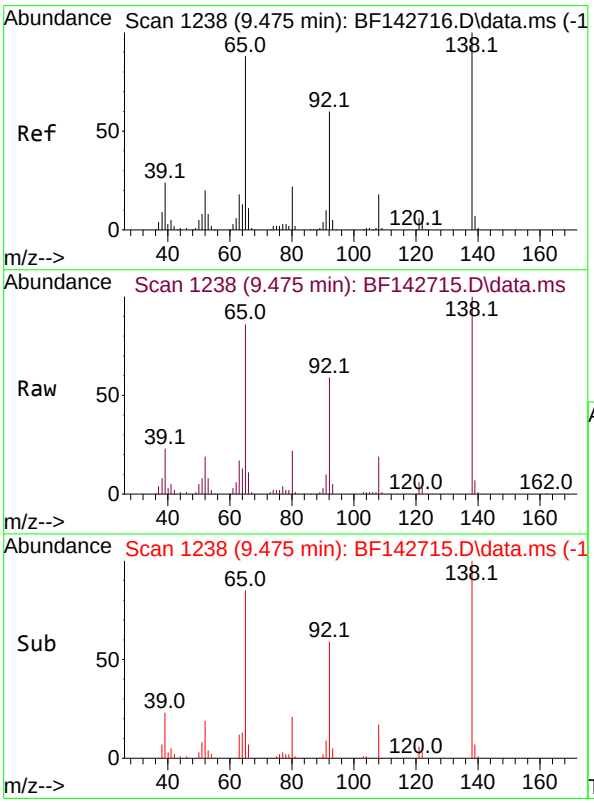
#47
2-Chloronaphthalene
Concen: 20.249 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 209413

Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.5	50.3
164	32.5	26.1	39.1

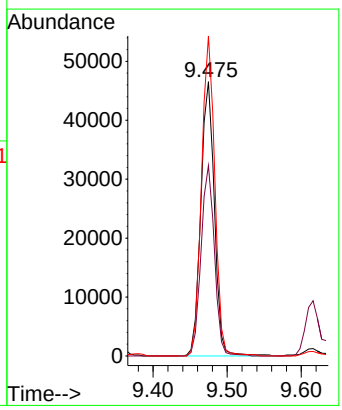


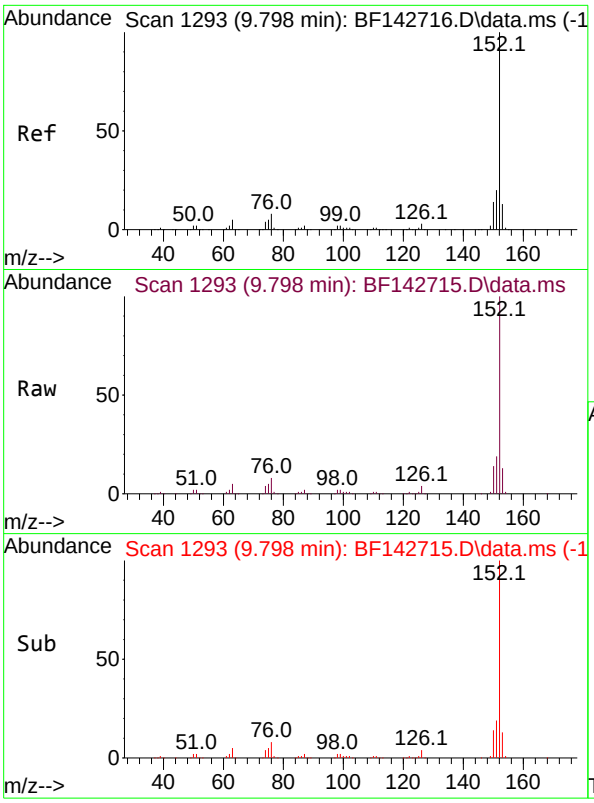


#48
2-Nitroaniline
Concen: 19.433 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion: 65 Resp: 59282

Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.5	81.7
138	116.7	90.6	136.0



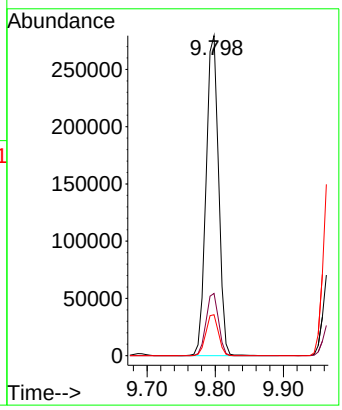


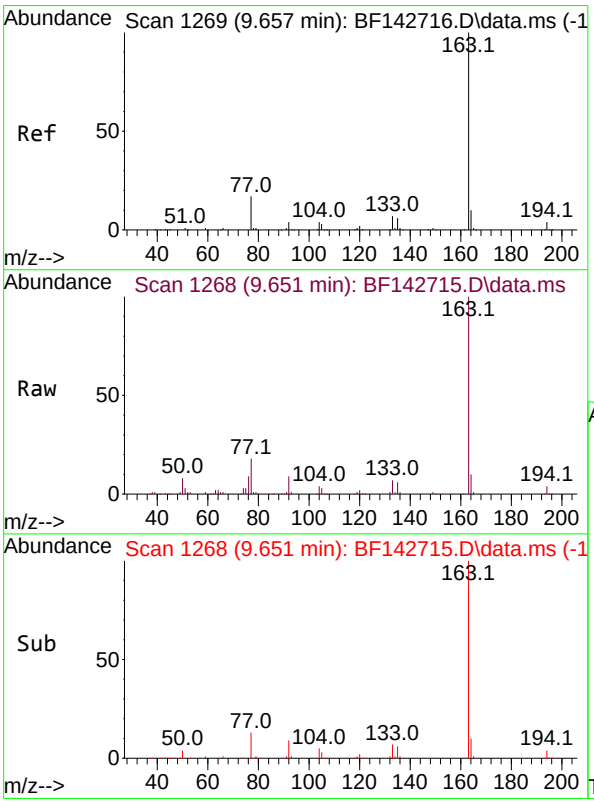
#49
Acenaphthylene
Concen: 20.763 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 356197

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.8	10.5	15.7

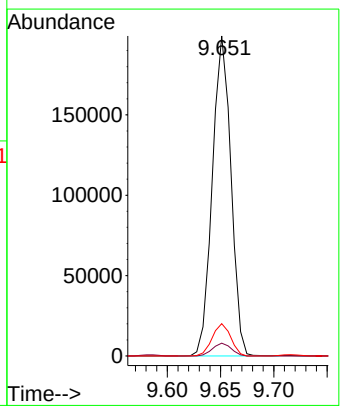


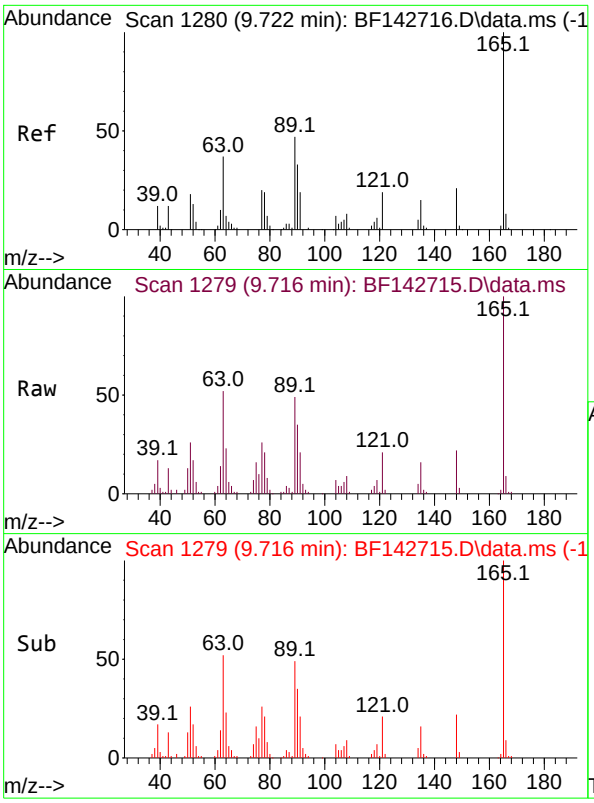


#50
Dimethylphthalate
Concen: 20.198 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:163 Resp: 241601

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.0	12.0



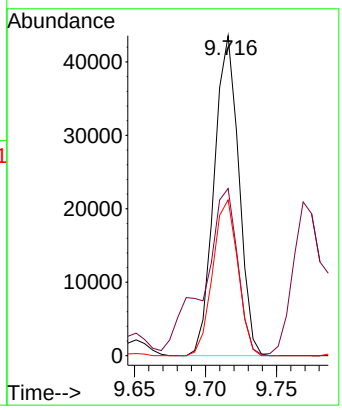


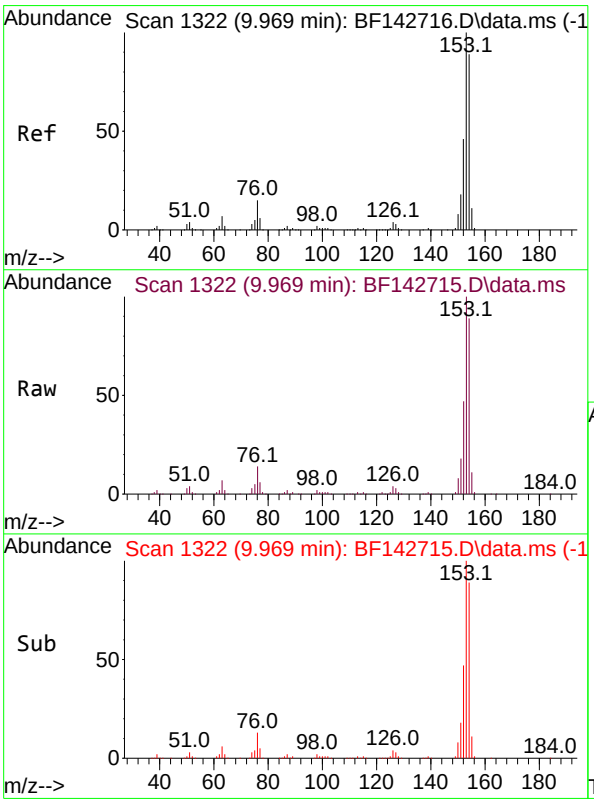
#51
2,6-Dinitrotoluene
Concen: 20.224 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 52512

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.6	60.8
89	48.7	37.6	56.4

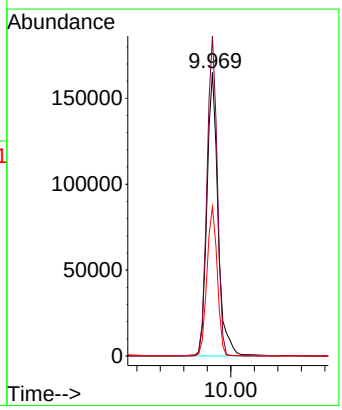


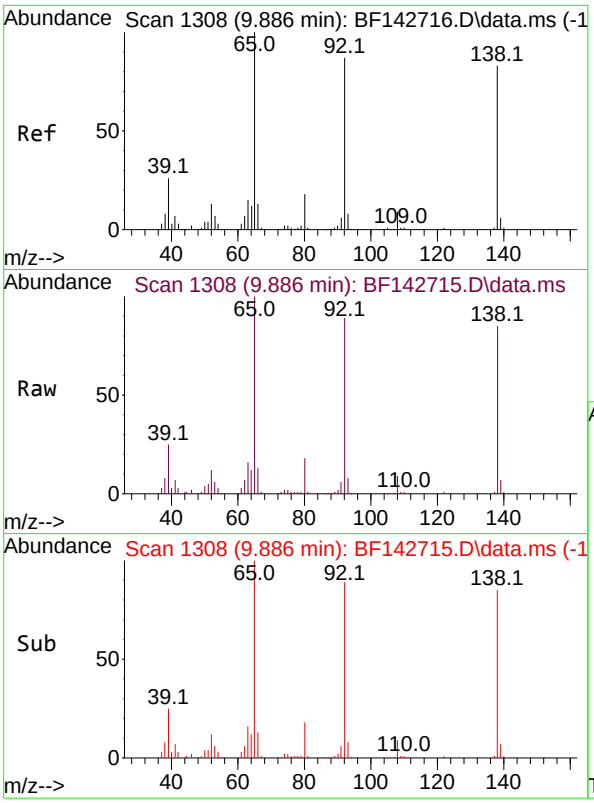


#52
Acenaphthene
Concen: 20.723 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:154 Resp: 217647

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	52.6	41.9	62.9



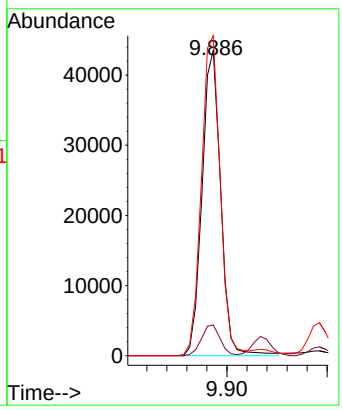


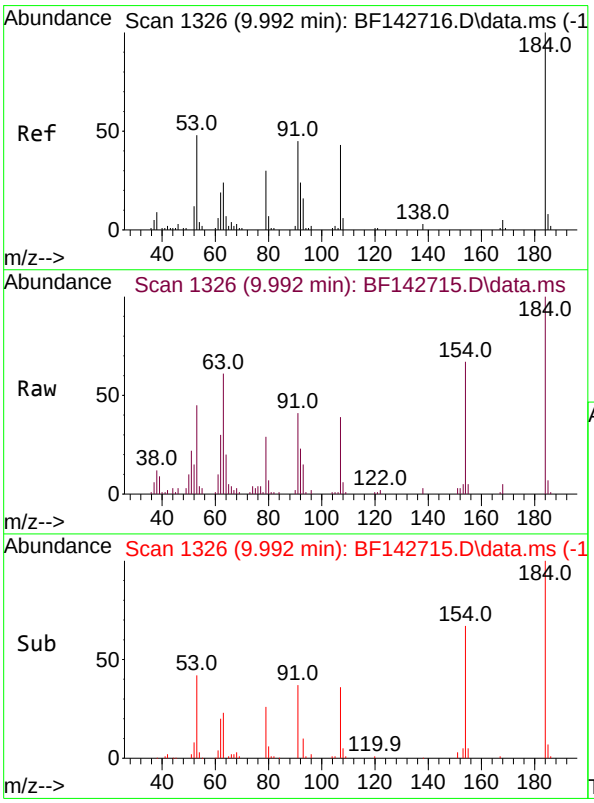
#53
3-Nitroaniline
Concen: 19.477 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 56260

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	104.9	84.6	127.0

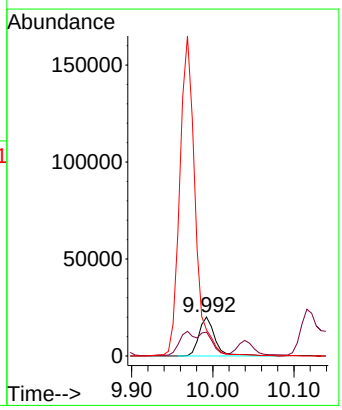


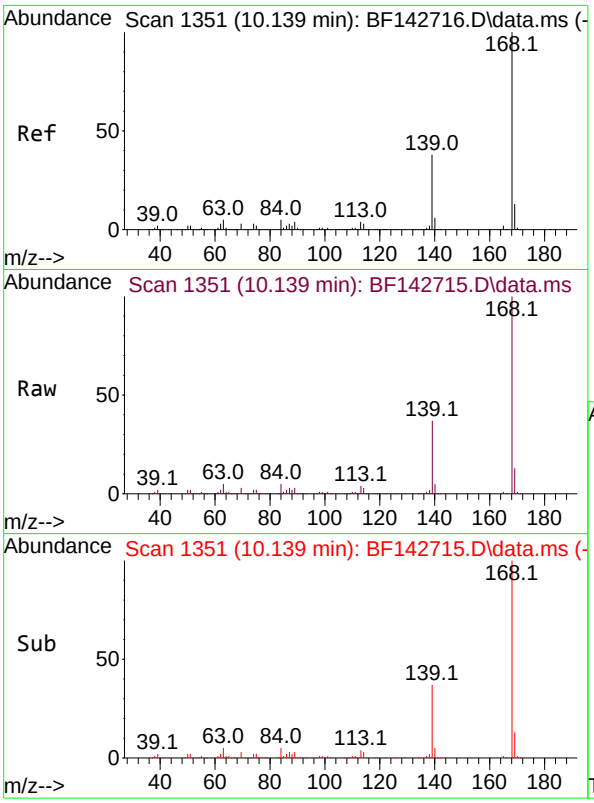


#54
2,4-Dinitrophenol
Concen: 19.262 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:184 Resp: 27444

Ion	Ratio	Lower	Upper
184	100		
63	61.4	51.7	77.5
154	67.1	60.1	90.1



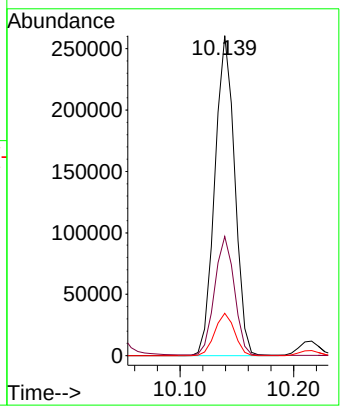


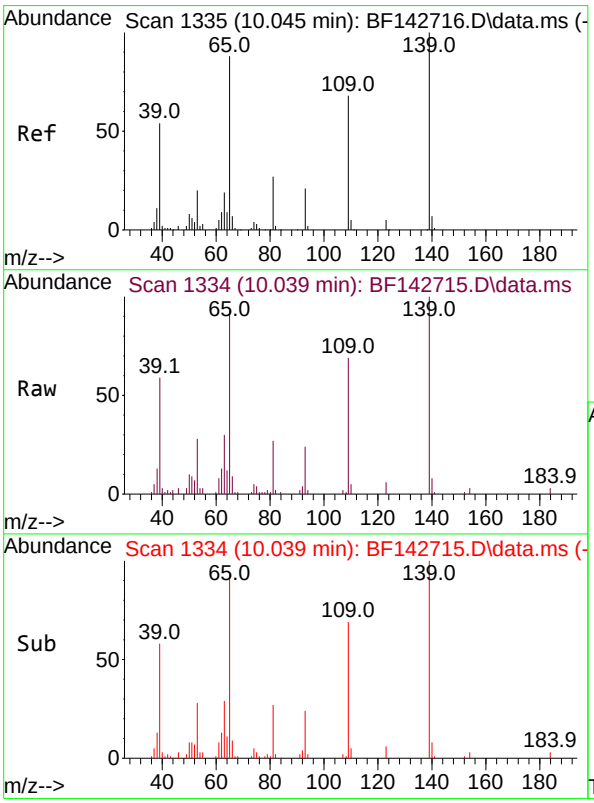
#55
Dibenzofuran
Concen: 21.043 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 317114

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.9	46.3
169	13.3	10.8	16.2

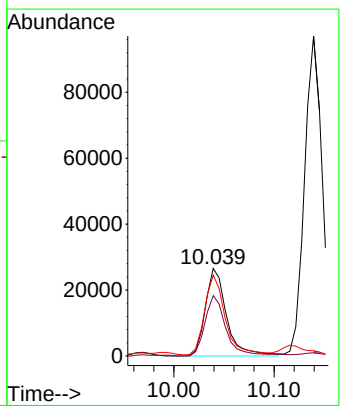


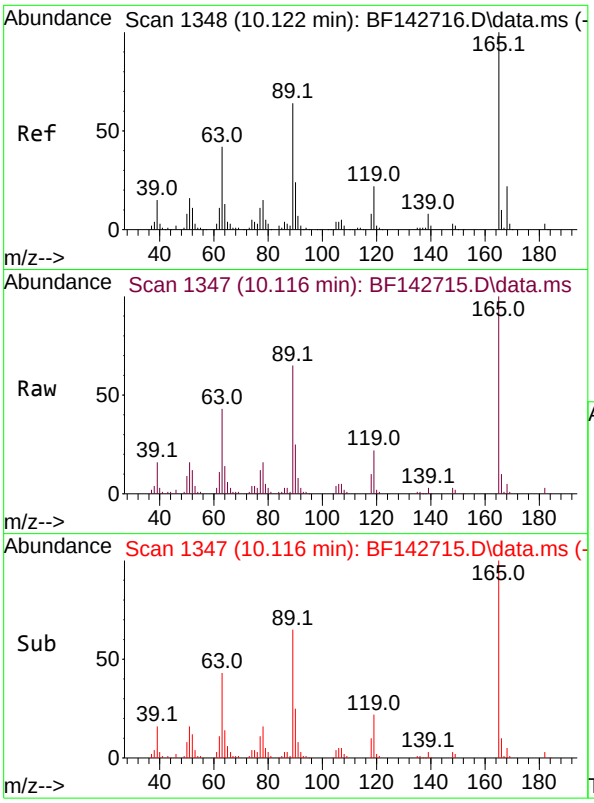


#56
4-Nitrophenol
Concen: 19.729 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:139 Resp: 38970

Ion	Ratio	Lower	Upper
139	100		
109	69.0	47.5	87.5
65	92.6	69.2	109.2



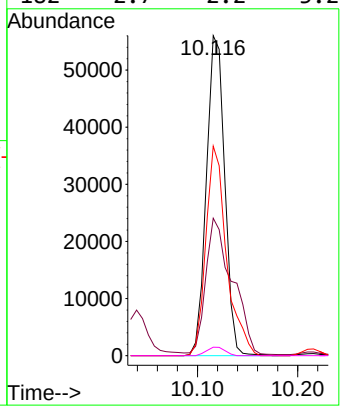


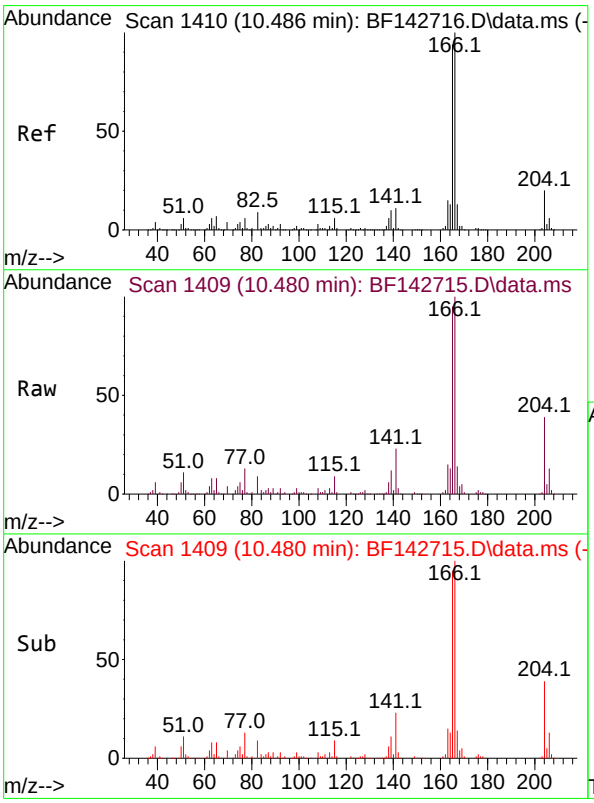
#57
2,4-Dinitrotoluene
Concen: 20.550 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 71013

Ion	Ratio	Lower	Upper
165	100		
63	42.9	34.1	51.1
89	65.5	50.8	76.2
182	2.7	2.2	3.2

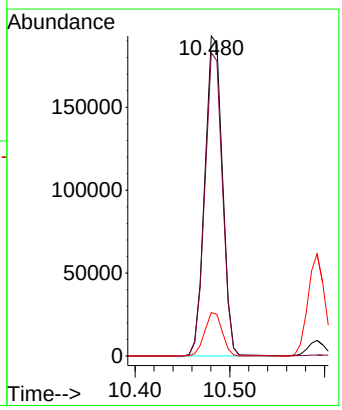


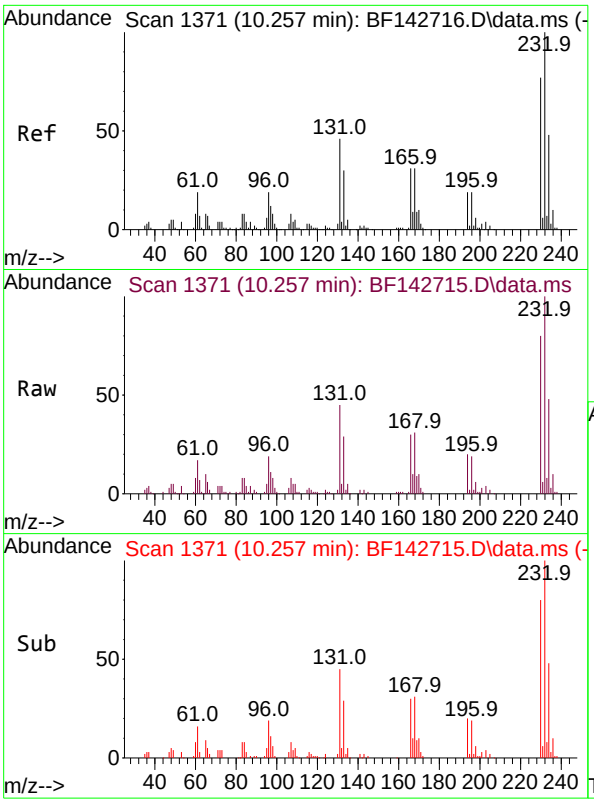


#58
Fluorene
Concen: 20.651 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:166 Resp: 248361

Ion	Ratio	Lower	Upper
166	100		
165	94.7	74.9	112.3
167	13.6	10.7	16.1



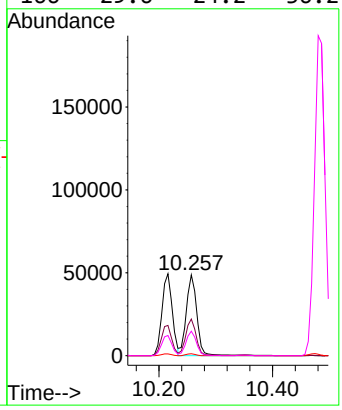


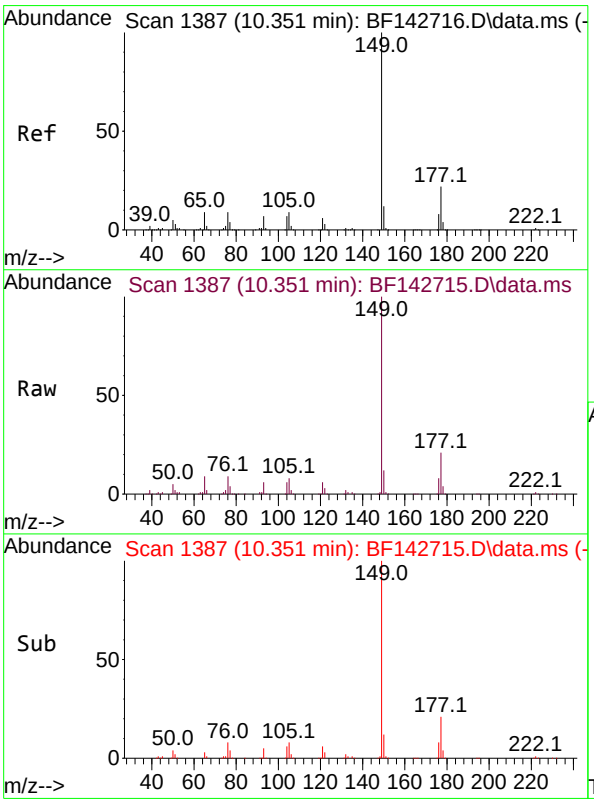
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.135 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 63447

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.8	53.8
130	2.0	1.8	2.6
166	29.6	24.2	36.2

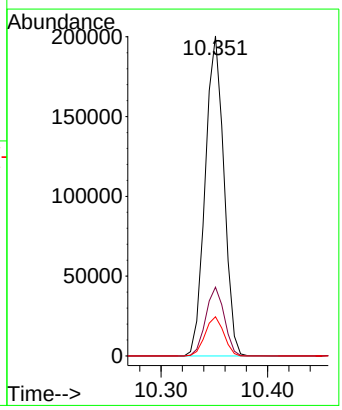


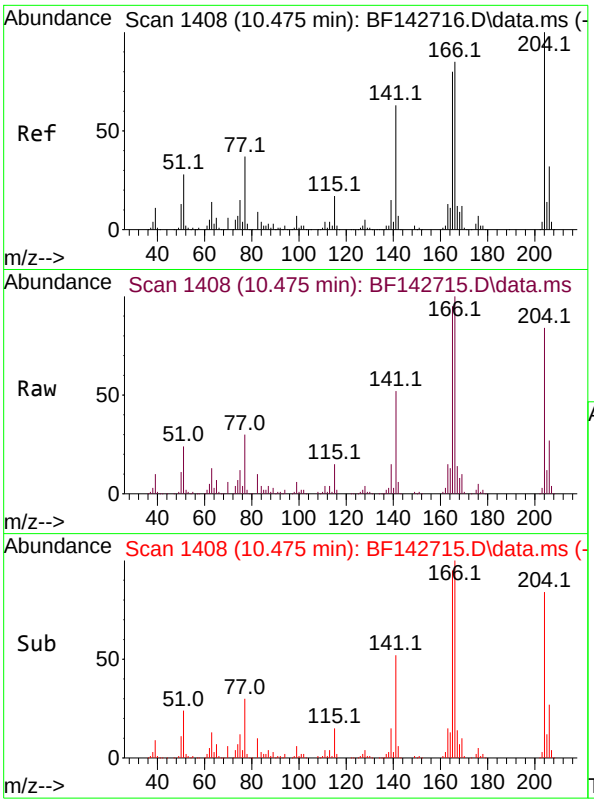


#60
Diethylphthalate
Concen: 20.962 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:149 Resp: 243956

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	12.3	10.0	15.0



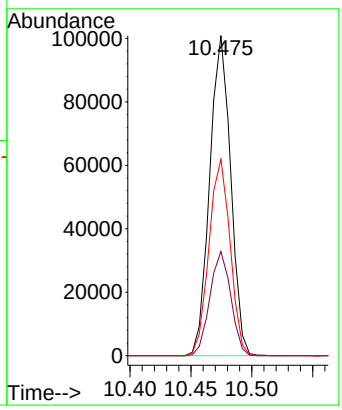


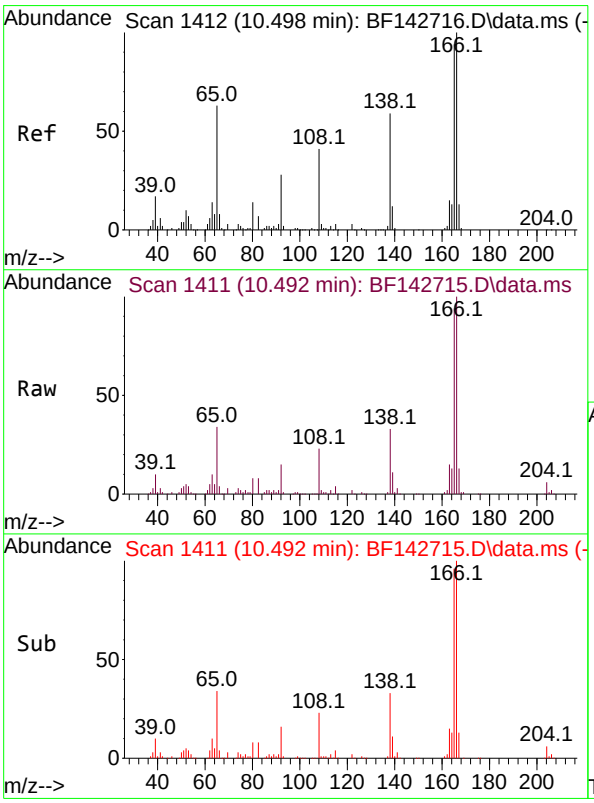
#61
4-Chlorophenyl-phenylether
Concen: 21.164 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 121003

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	61.3	50.2	75.4

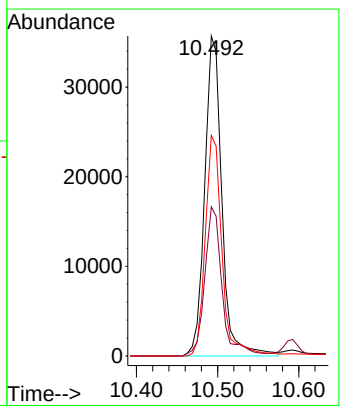


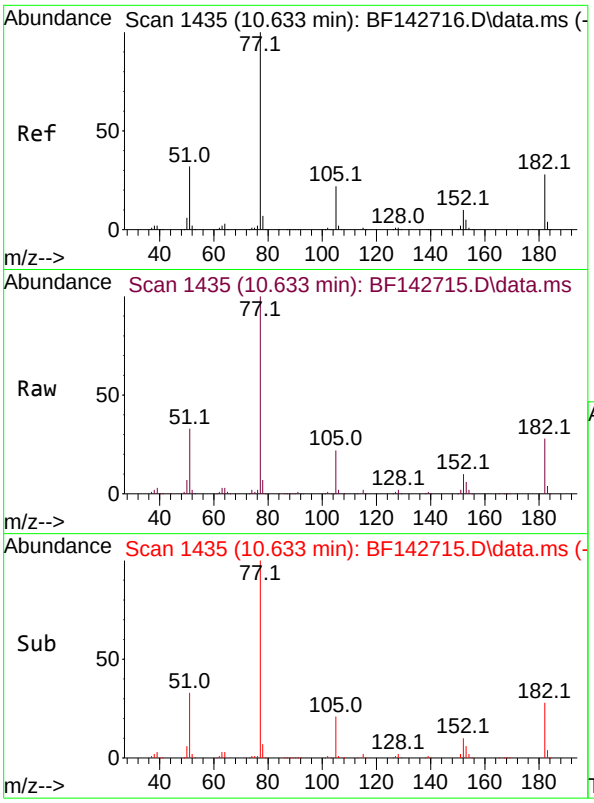


#62
4-Nitroaniline
Concen: 19.338 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:138 Resp: 52343

Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.2	67.2
108	68.9	49.9	89.9



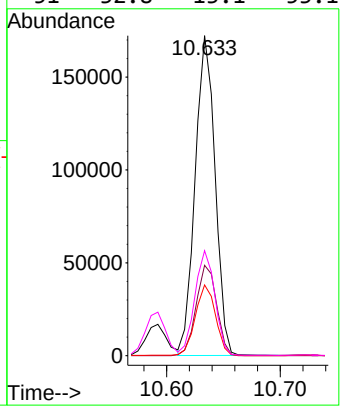


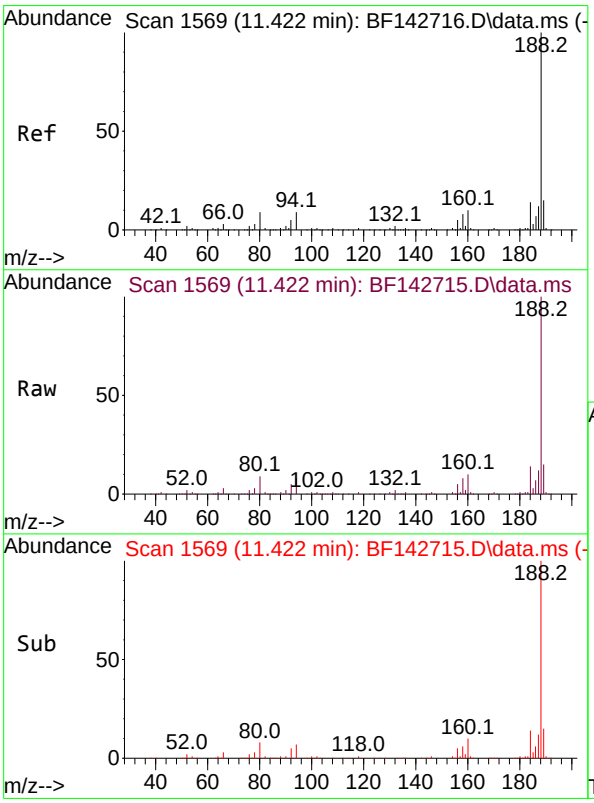
#63
Azobenzene
Concen: 20.087 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 209543

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.8	47.8
105	22.1	1.9	41.9
51	32.8	13.1	53.1

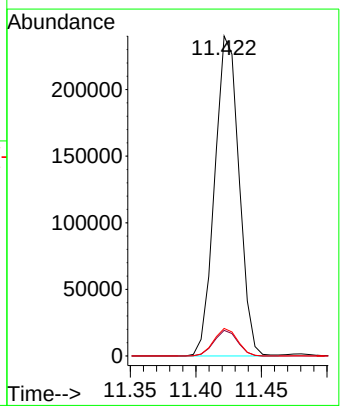


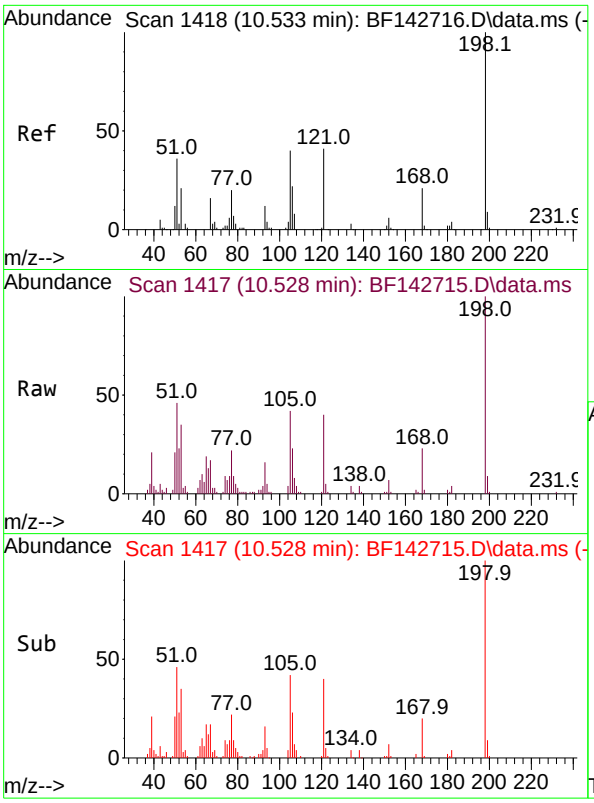


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:188 Resp: 309039

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.6	7.1	10.7



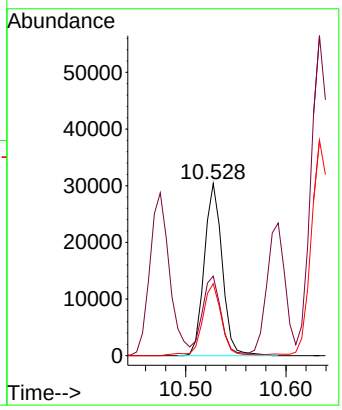


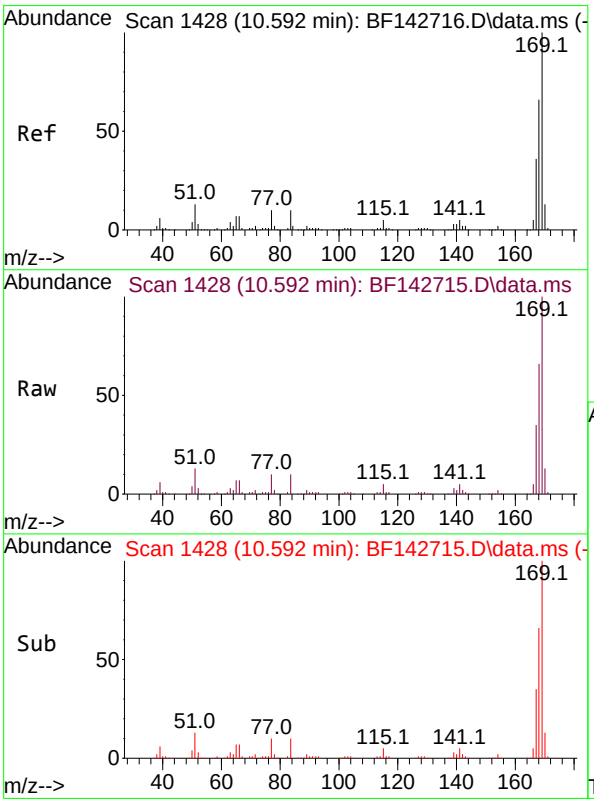
#65
4,6-Dinitro-2-methylphenol
Concen: 19.767 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 37992

Ion	Ratio	Lower	Upper
198	100		
51	46.2	25.5	65.5
105	41.8	21.1	61.1

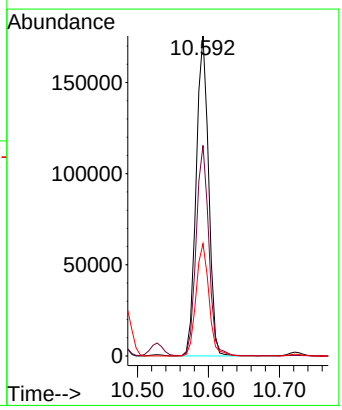


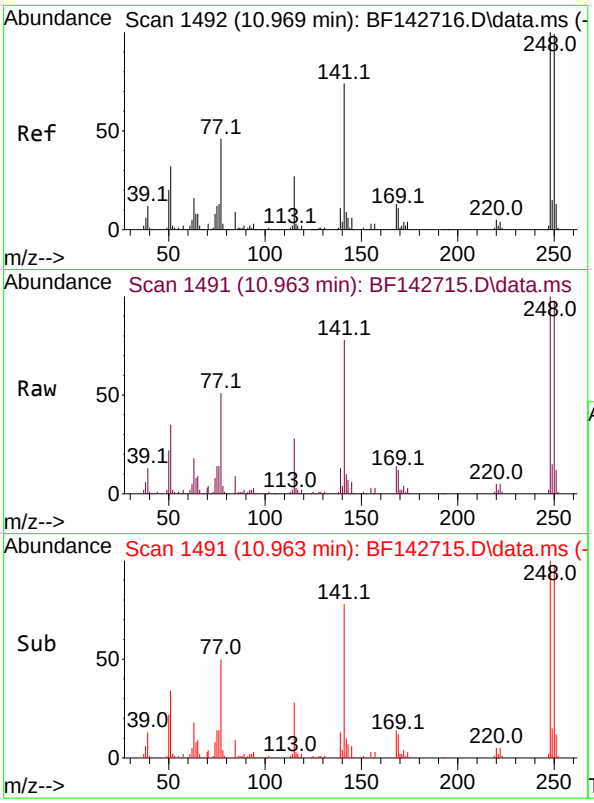


#66
n-Nitrosodiphenylamine
Concen: 21.496 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:169 Resp: 214287

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.0	79.4
167	35.1	28.7	43.1



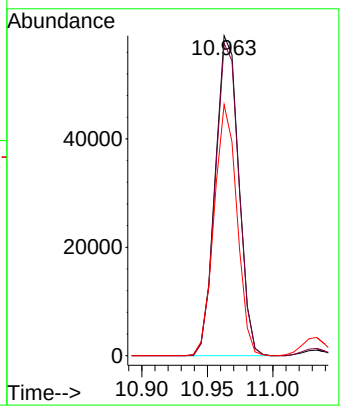


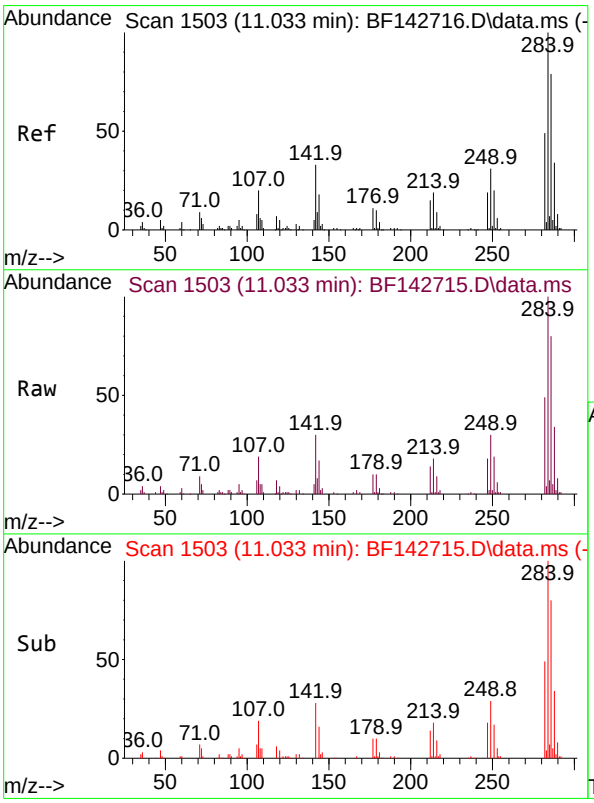
#67
4-Bromophenyl-phenylether
Concen: 21.518 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 73566

Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.2	118.8
141	78.5	59.3	88.9

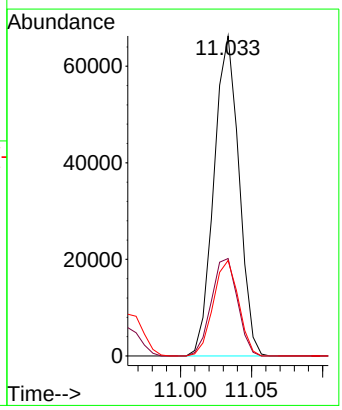


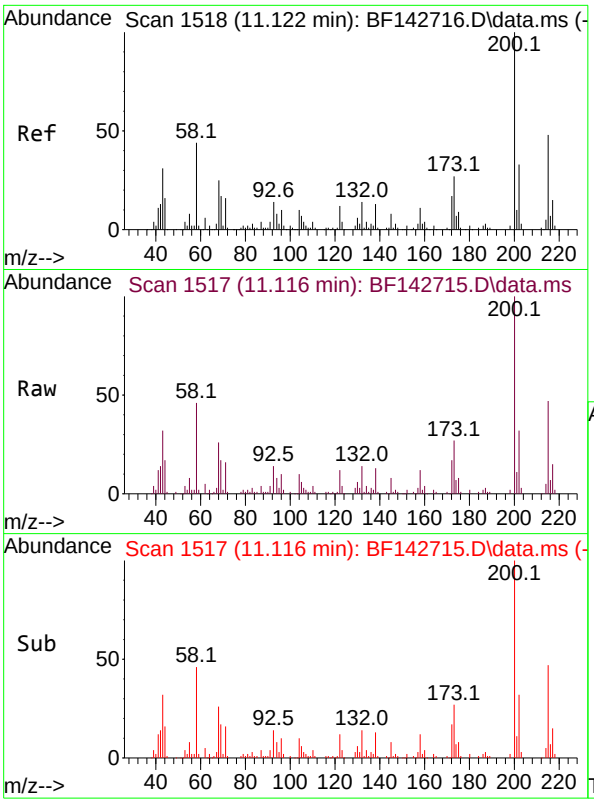


#68
Hexachlorobenzene
Concen: 20.794 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:284 Resp: 81172

Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.0	39.0
249	29.9	24.6	37.0



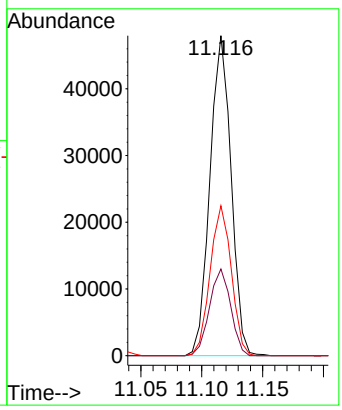


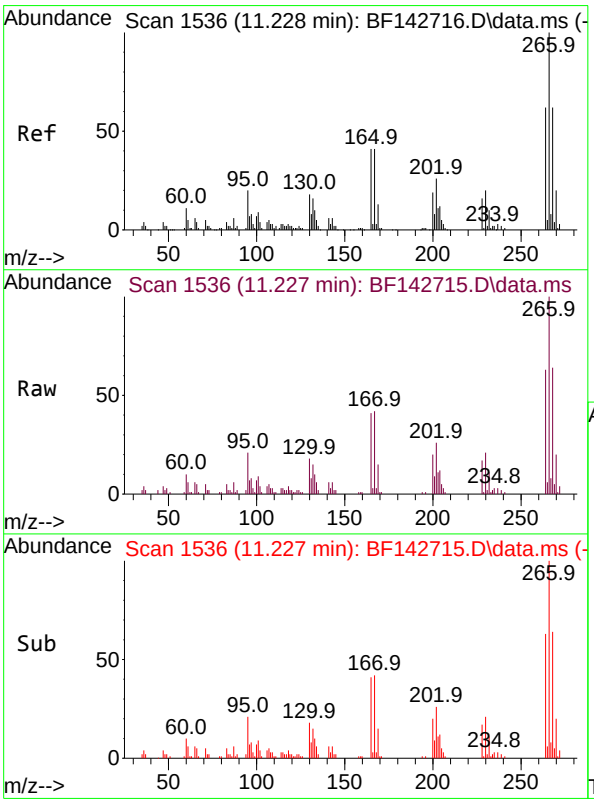
#69
Atrazine
Concen: 19.586 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 58054

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	46.8	28.2	68.2

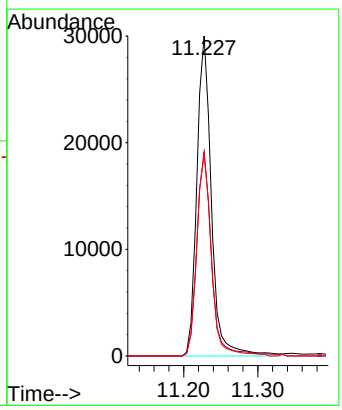


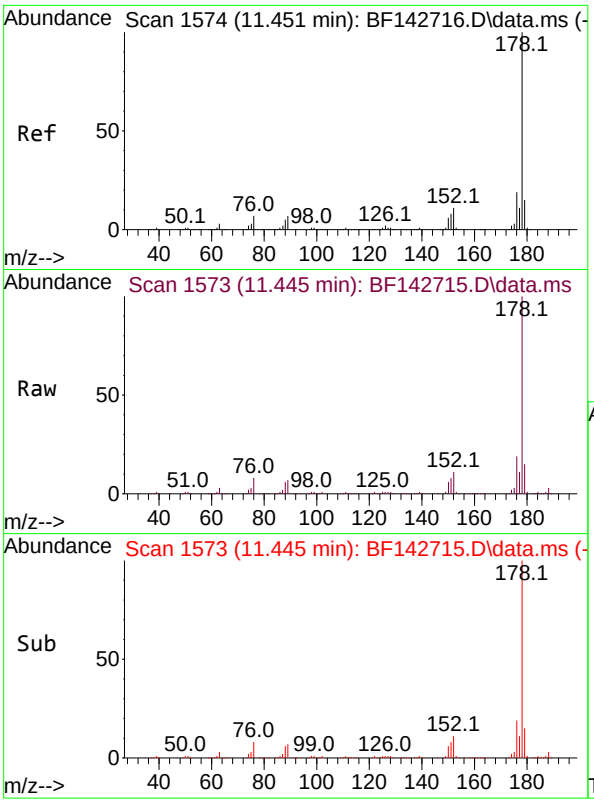


#70
Pentachlorophenol
Concen: 19.434 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:266 Resp: 40960

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.6	74.4
264	63.4	49.5	74.3



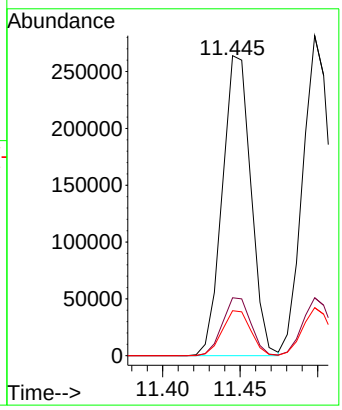


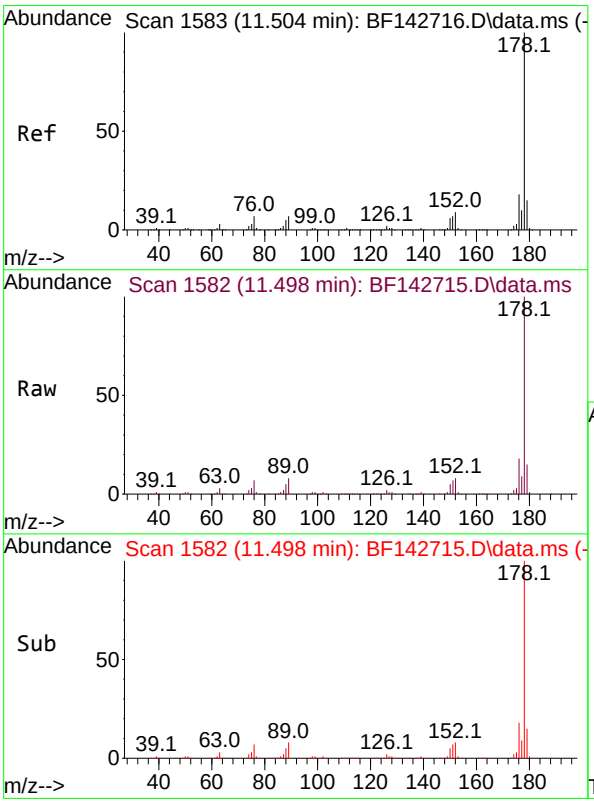
#71
Phenanthrene
Concen: 20.462 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 338235

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.0	12.2	18.4

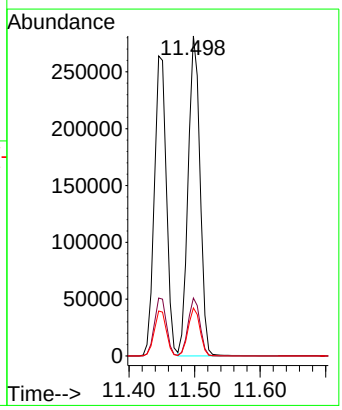


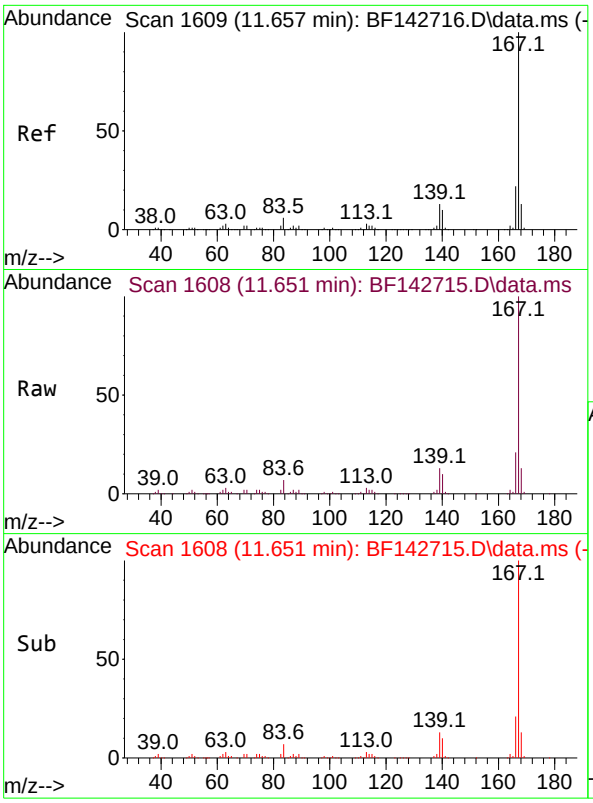


#72
Anthracene
Concen: 20.574 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:178 Resp: 352159

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.0	12.2	18.2



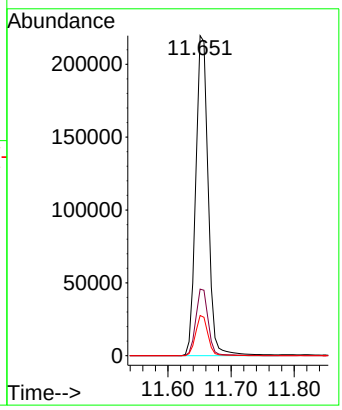


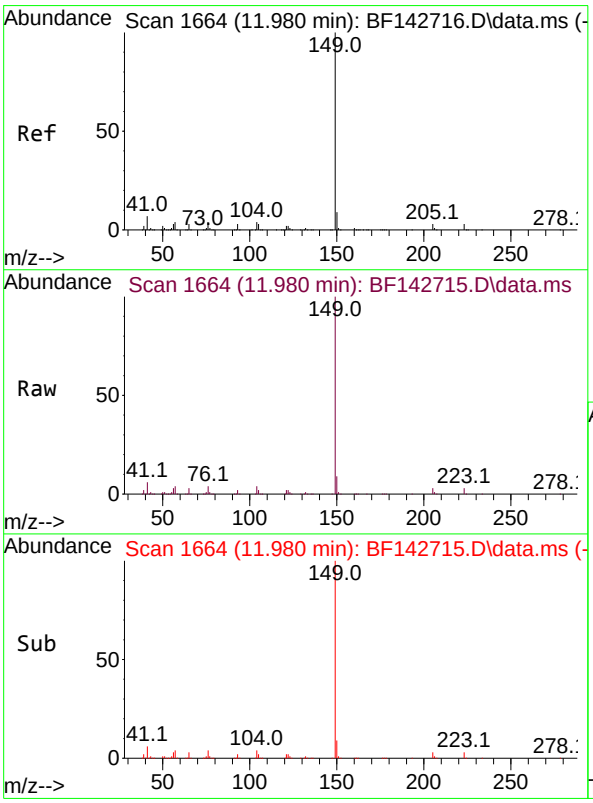
#73
Carbazole
Concen: 19.681 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 299238

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.6	10.2	15.4

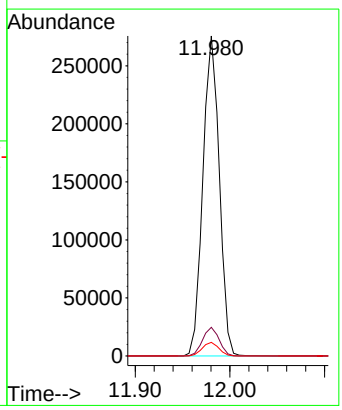


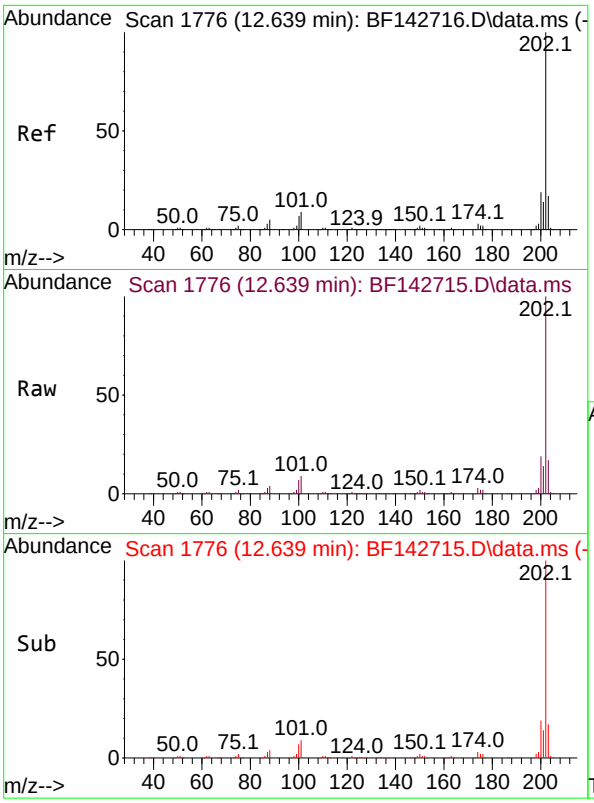


#74
Di-n-butylphthalate
Concen: 20.596 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:149 Resp: 331400

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	4.3	3.4	5.2



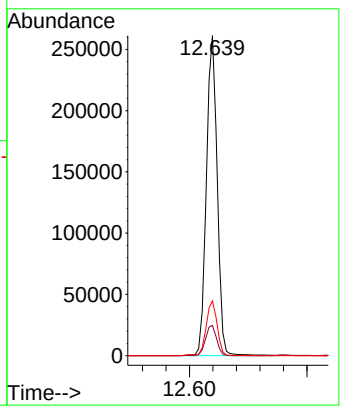


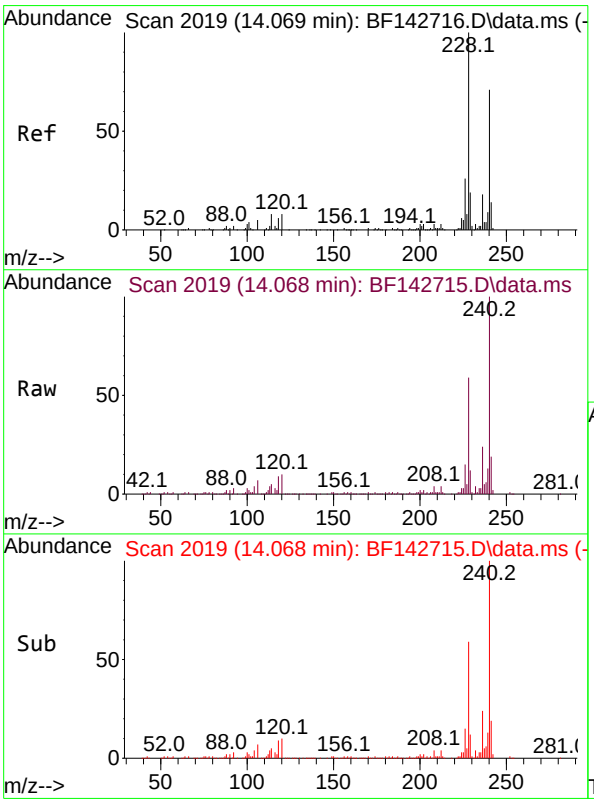
#75
Fluoranthene
Concen: 20.774 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 333984

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.5
203	17.2	0.0	37.0

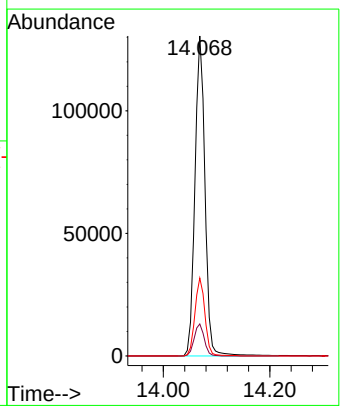


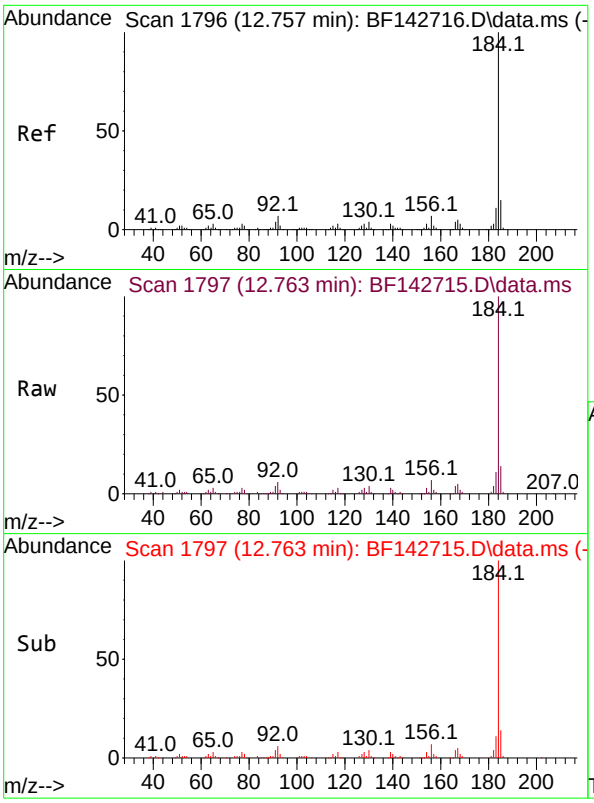


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:240 Resp: 171505

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.5	12.7
236	24.4	20.1	30.1



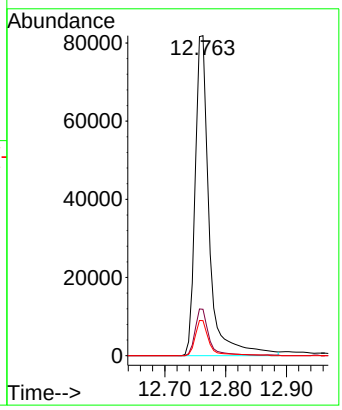


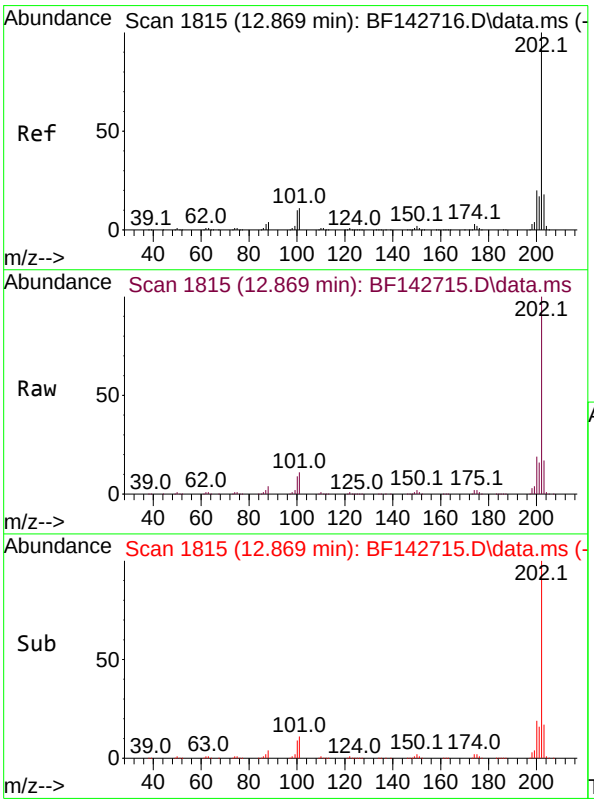
#77
Benzidine
Concen: 21.990 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 132404

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	11.0	8.6	12.8

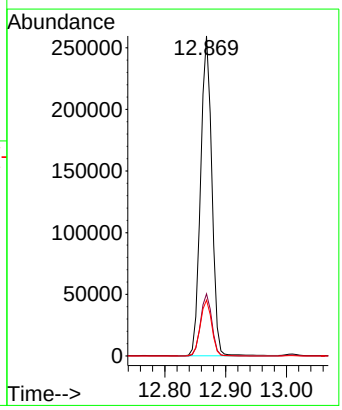


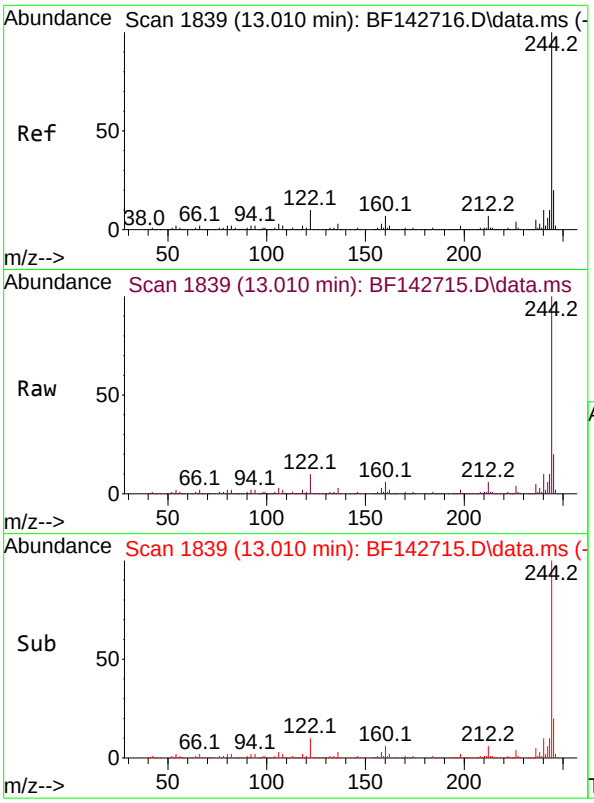


#78
Pyrene
Concen: 22.830 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:202 Resp: 330717

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.8	23.8
203	17.5	14.1	21.1



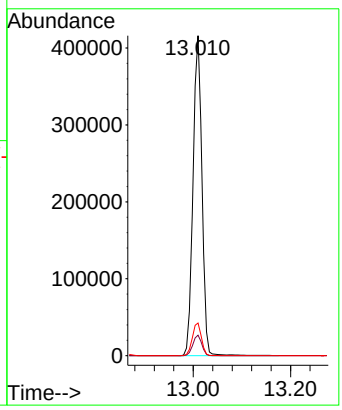


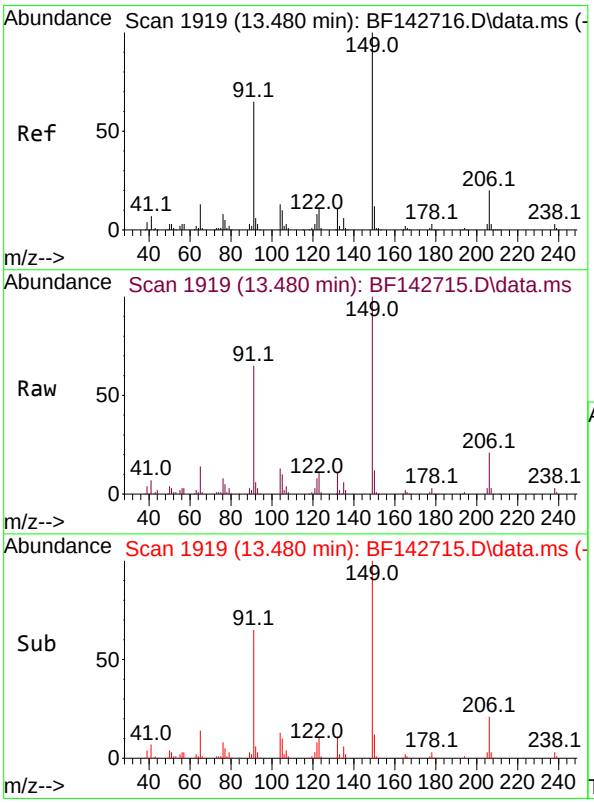
#79
Terphenyl-d14
Concen: 47.276 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 533769

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.2	8.3	12.5

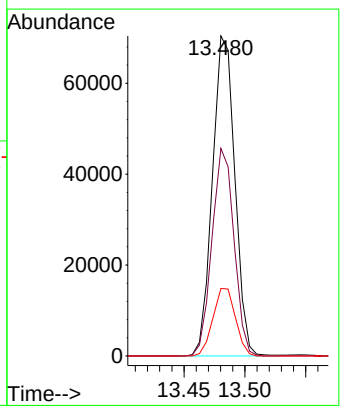


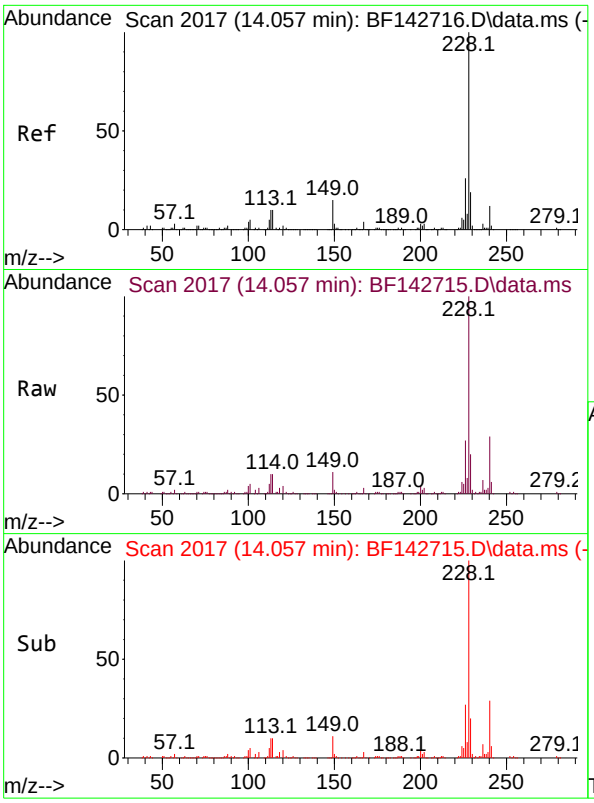


#80
Butylbenzylphthalate
Concen: 20.402 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:149 Resp: 90265

Ion	Ratio	Lower	Upper
149	100		
91	64.8	52.3	78.5
206	21.1	16.0	24.0



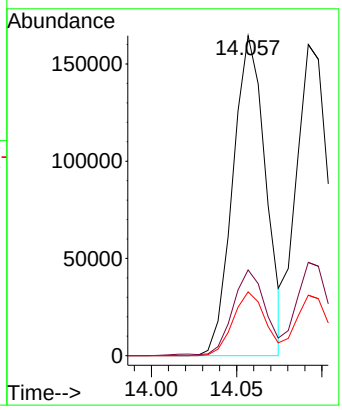


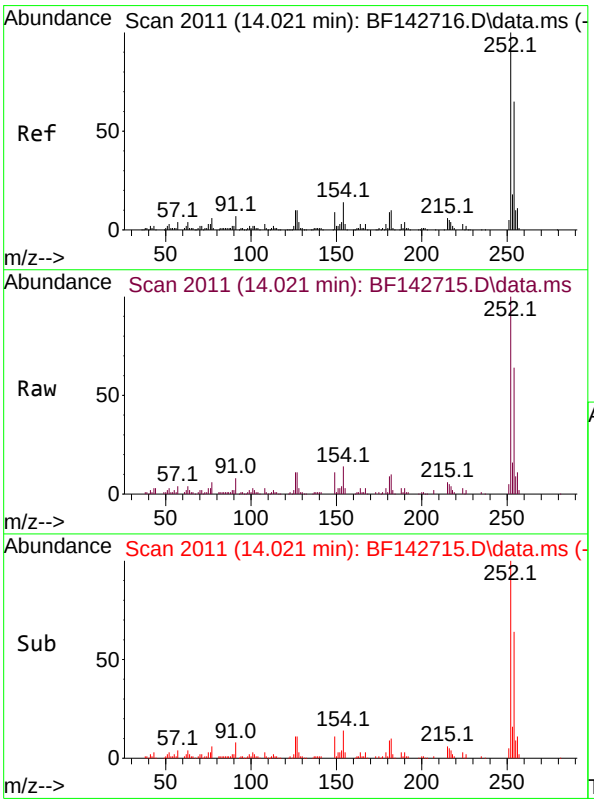
#81
Benzo(a)anthracene
Concen: 19.646 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 220169

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	20.0	15.5	23.3

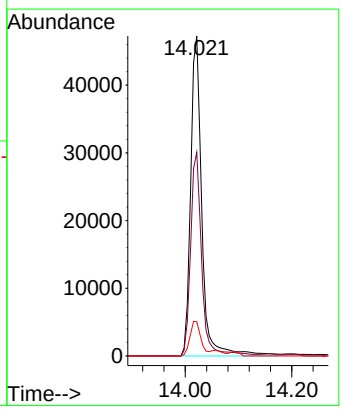


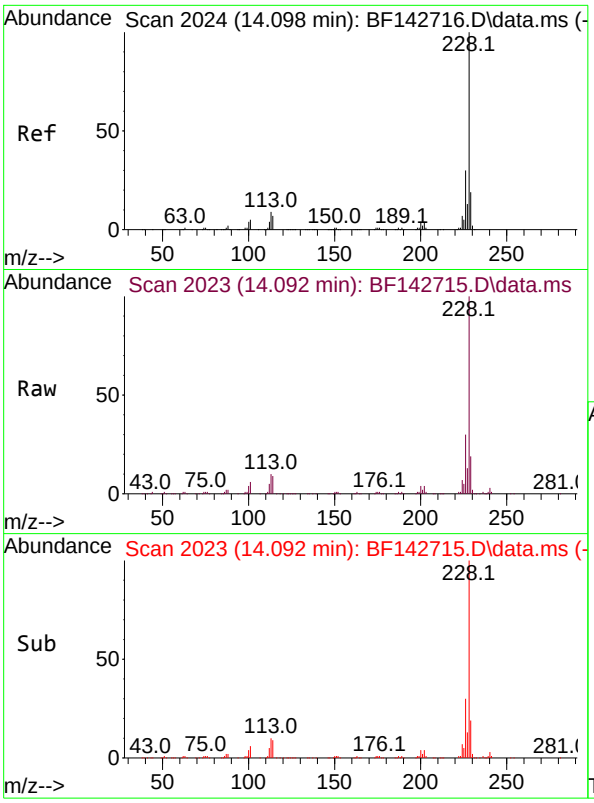


#82
3,3'-Dichlorobenzidine
Concen: 19.277 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:252 Resp: 69036

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	10.7	8.1	12.1



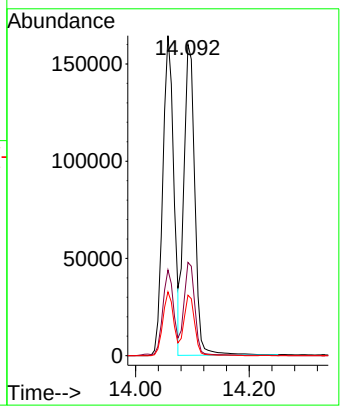


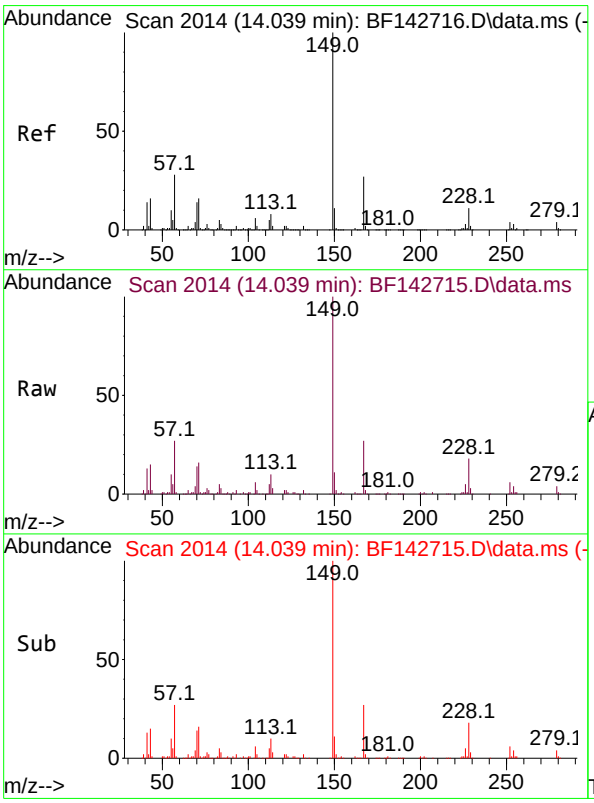
#83
Chrysene
Concen: 20.321 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 213547

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	19.5	15.5	23.3

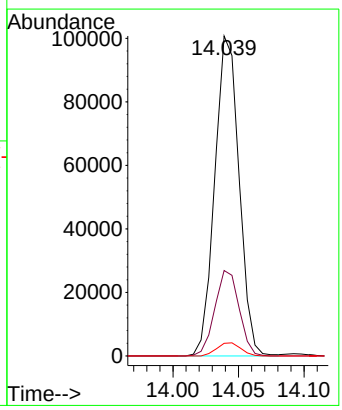


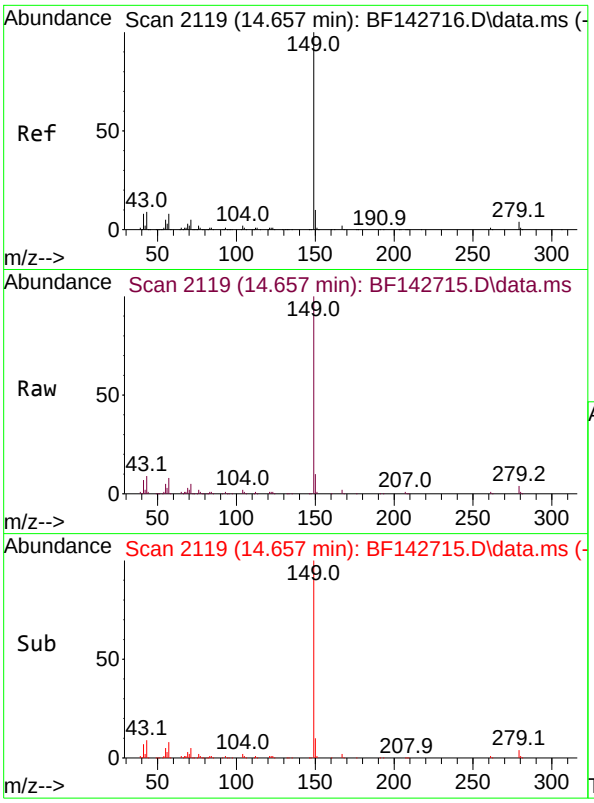


#84
Bis(2-ethylhexyl)phthalate
Concen: 24.572 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:149 Resp: 129627

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.2
279	3.9	3.0	4.4



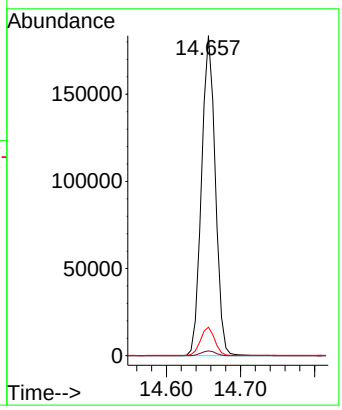


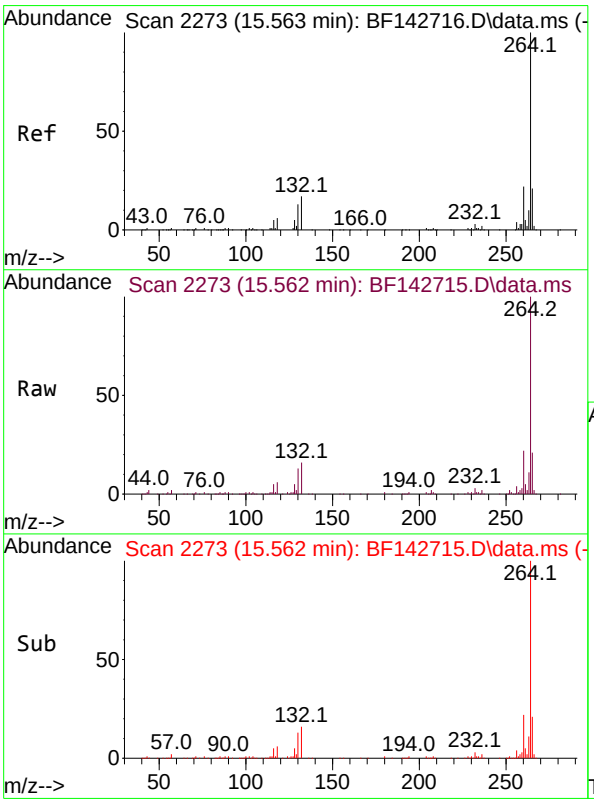
#85
Di-n-octyl phthalate
Concen: 22.858 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 237492

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.3	10.9

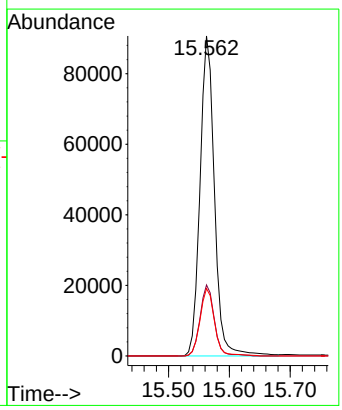


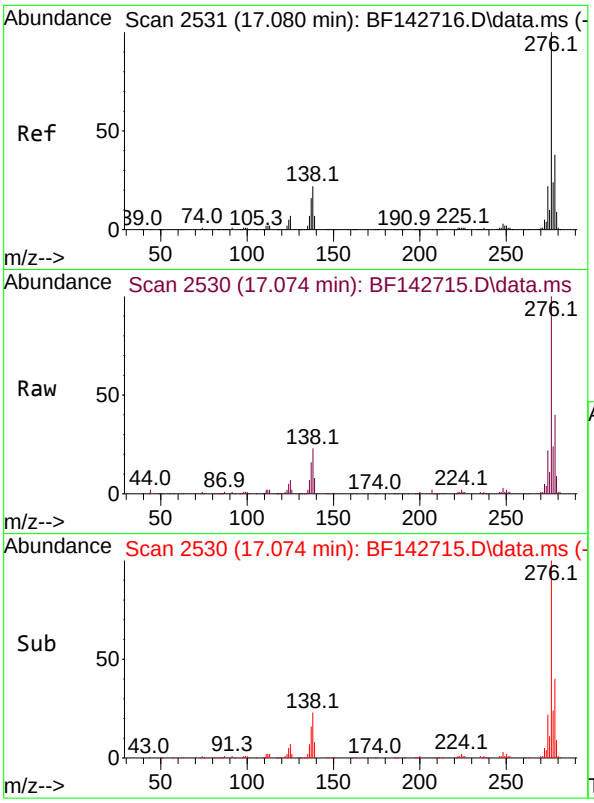


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:264 Resp: 149863

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.6
265	21.0	16.6	25.0



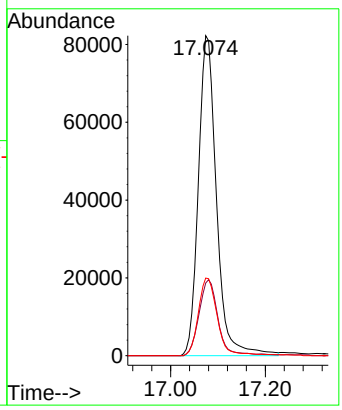


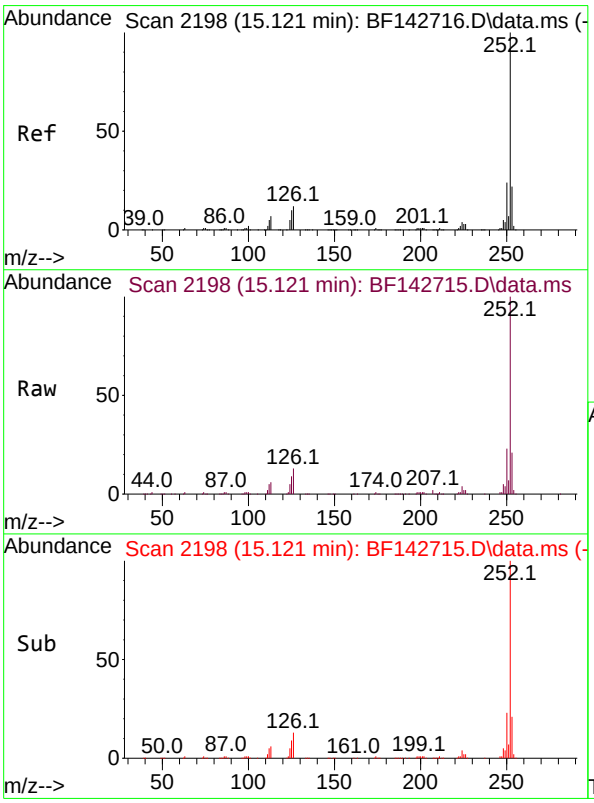
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.449 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 218550

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	25.7	20.2	30.2

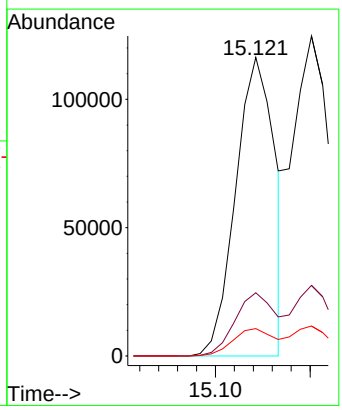


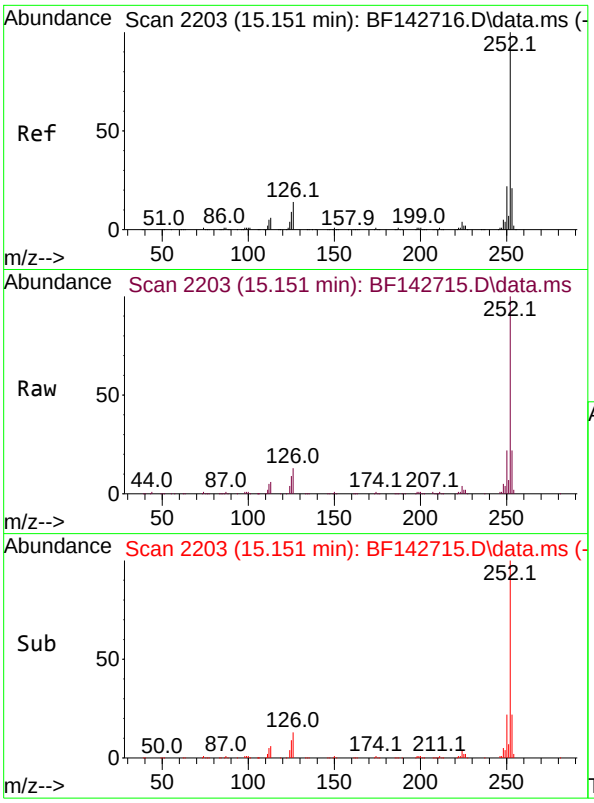


#88
Benzo(b)fluoranthene
Concen: 18.561 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:252 Resp: 166706

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	9.2	7.8	11.6



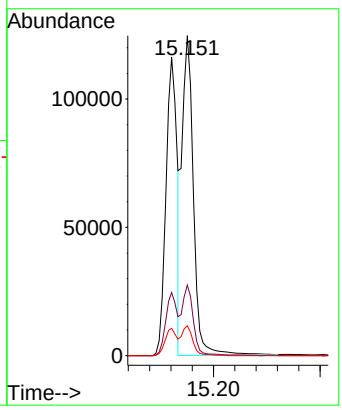


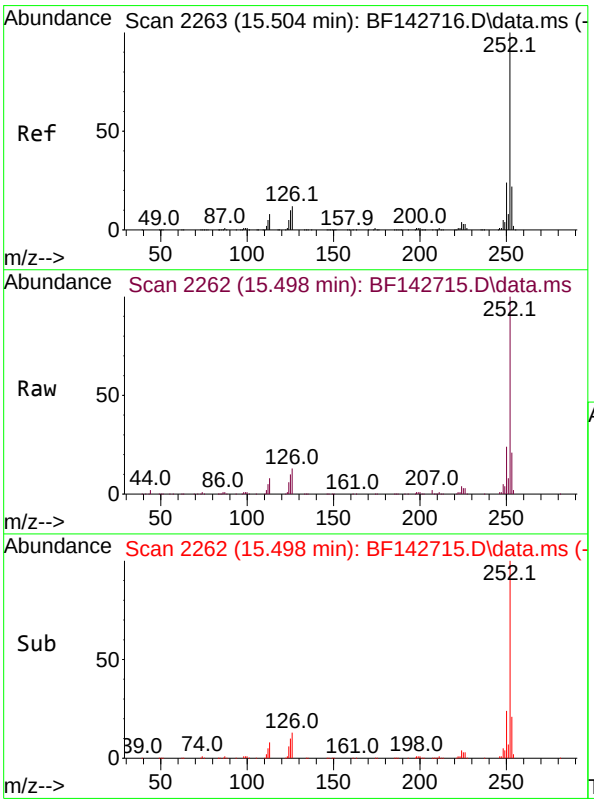
#89
Benzo(k)fluoranthene
Concen: 22.459 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 186600

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.3	7.5	11.3

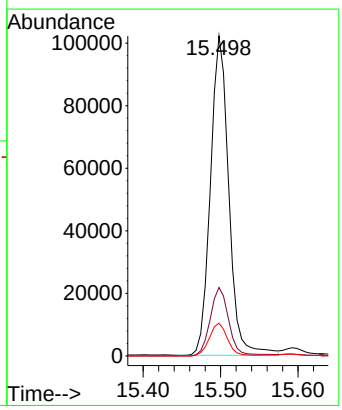


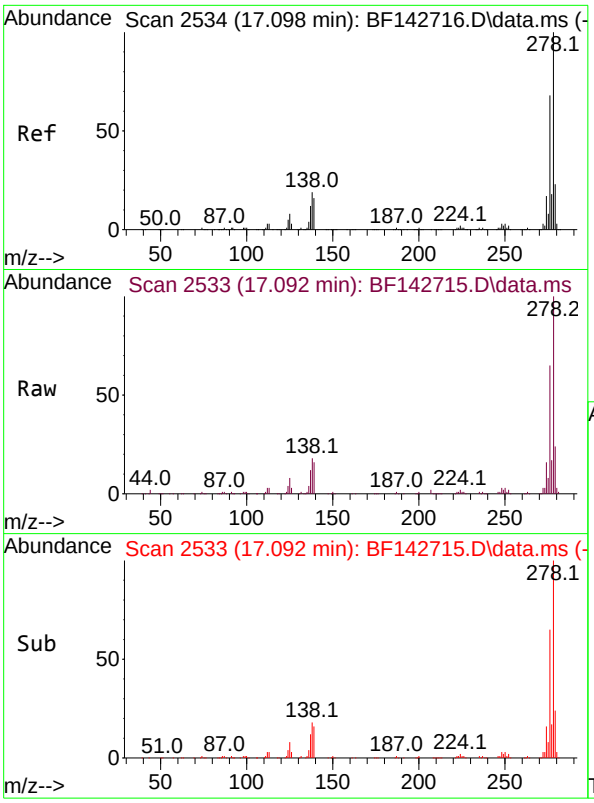


#90
Benzo(a)pyrene
Concen: 20.044 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:252 Resp: 168181

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	10.3	8.0	12.0



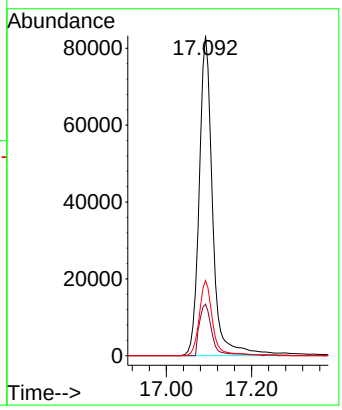


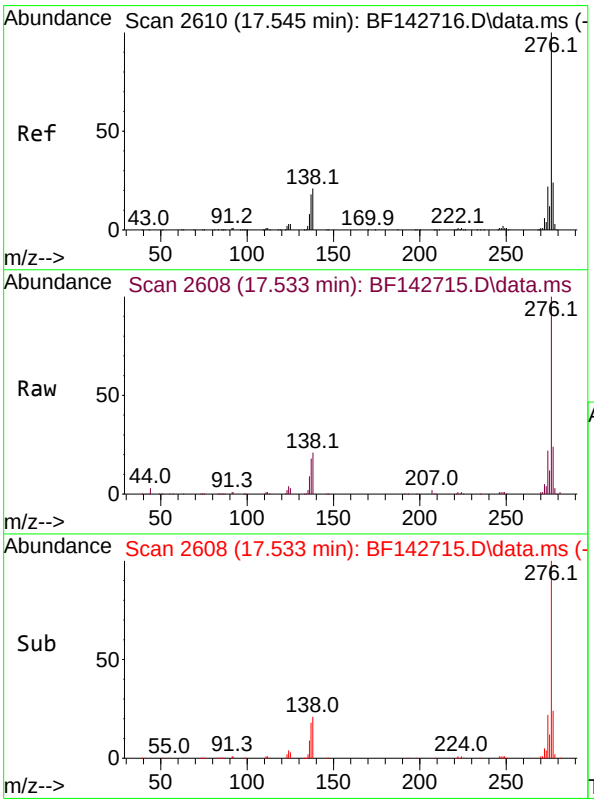
#91
Dibenzo(a,h)anthracene
Concen: 21.041 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 181987

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.5	18.7	28.1

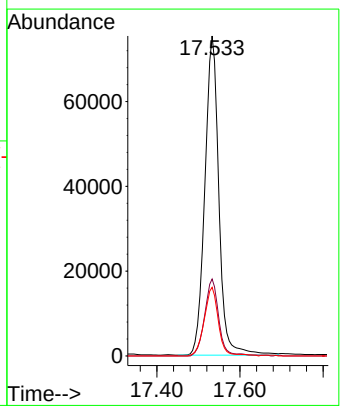




#92
Benzo(g,h,i)perylene
Concen: 19.815 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:276 Resp: 176608

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.5	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	73919	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	293174	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	163323	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	268461	20.000	ng	0.00
76) Chrysene-d12	14.069	240	133388	20.000	ng	0.00
86) Perylene-d12	15.563	264	147260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	343357	78.709	ng	0.00
7) Phenol-d6	6.522	99	406740	79.729	ng	0.00
23) Nitrobenzene-d5	7.457	82	419582	78.505	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	139141	76.063	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	943621	78.457	ng	0.00
79) Terphenyl-d14	13.010	244	779955	88.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	67193	40.220	ng	100
3) Pyridine	3.428	79	171443	39.847	ng	100
4) n-Nitrosodimethylamine	3.381	42	87361	41.322	ng	100
6) Aniline	6.557	93	273155	39.869	ng	100
8) 2-Chlorophenol	6.675	128	190691	39.974	ng	100
9) Benzaldehyde	6.446	77	123971	42.903	ng	100
10) Phenol	6.534	94	225072	39.506	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	167078	40.033	ng	100
12) 1,3-Dichlorobenzene	6.834	146	214577	40.184	ng	100
13) 1,4-Dichlorobenzene	6.910	146	214952	39.511	ng	100
14) 1,2-Dichlorobenzene	7.063	146	207185	39.941	ng	100
15) Benzyl Alcohol	7.034	79	156614	41.604	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	266983	39.528	ng	100
17) 2-Methylphenol	7.145	107	146636	40.285	ng	100
18) Hexachloroethane	7.404	117	77474	41.065	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	129867	43.041	ng	100
20) 3+4-Methylphenols	7.298	107	184159	40.940	ng	100
22) Acetophenone	7.304	105	255088	39.781	ng	100
24) Nitrobenzene	7.481	77	187501	38.993	ng	100
25) Isophorone	7.716	82	353615	40.429	ng	100
26) 2-Nitrophenol	7.792	139	105955	39.983	ng	100
27) 2,4-Dimethylphenol	7.828	122	178092	39.403	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	221302	40.712	ng	100
29) 2,4-Dichlorophenol	8.034	162	163972	39.919	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	179611	39.655	ng	100
31) Naphthalene	8.204	128	570012	39.451	ng	100
32) Benzoic acid	7.945	122	102071	37.731	ng	100
33) 4-Chloroaniline	8.251	127	234175	39.494	ng	100
34) Hexachlorobutadiene	8.316	225	115374	41.152	ng	100
35) Caprolactam	8.622	113	43733	35.114	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	169288	39.238	ng	100
37) 2-Methylnaphthalene	8.892	142	362198	39.343	ng	100
38) 1-Methylnaphthalene	8.992	142	368559	38.834	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	185437	39.039	ng	100
41) Hexachlorocyclopentadiene	9.045	237	122551	43.254	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	121856	39.269	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

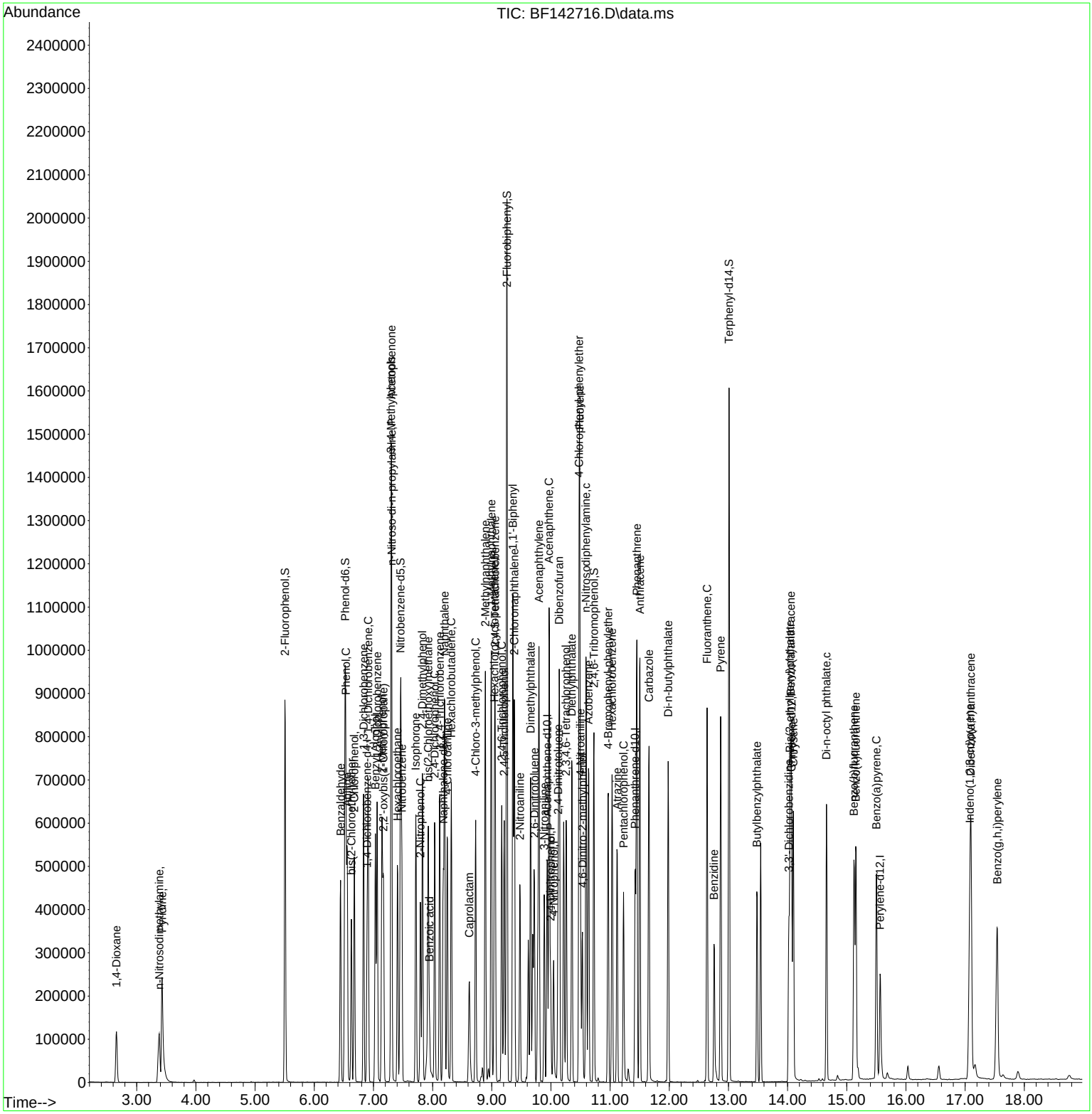
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	130579	39.297	ng	100
46) 1,1'-Biphenyl	9.357	154	491843	38.741	ng	100
47) 2-Chloronaphthalene	9.381	162	364779	38.406	ng	100
48) 2-Nitroaniline	9.475	65	105665	37.714	ng	100
49) Acenaphthylene	9.798	152	614279	38.988	ng	100
50) Dimethylphthalate	9.657	163	421634	38.379	ng	100
51) 2,6-Dinitrotoluene	9.722	165	92988	38.994	ng	100
52) Acenaphthene	9.969	154	382223	39.625	ng	100
53) 3-Nitroaniline	9.886	138	100380	37.837	ng	100
54) 2,4-Dinitrophenol	9.992	184	51262	39.175	ng	100
55) Dibenzofuran	10.139	168	536754	38.781	ng	100
56) 4-Nitrophenol	10.045	139	68518	37.768	ng	100
57) 2,4-Dinitrotoluene	10.122	165	123171	38.810	ng	100
58) Fluorene	10.486	166	417629	37.810	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	106838	38.750	ng	100
60) Diethylphthalate	10.351	149	410385	38.395	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	206812	39.385	ng	100
62) 4-Nitroaniline	10.498	138	88100	35.439	ng	100
63) Azobenzene	10.633	77	364342	38.029	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	67116	40.198	ng	100
66) n-Nitrosodiphenylamine	10.592	169	360849	41.670	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	124035	41.764	ng	100
68) Hexachlorobenzene	11.033	284	136924	40.378	ng	100
69) Atrazine	11.122	200	96297	37.398	ng	100
70) Pentachlorophenol	11.228	266	74723	40.813	ng	100
71) Phenanthrene	11.451	178	556097	38.727	ng	100
72) Anthracene	11.504	178	571308	38.423	ng	100
73) Carbazole	11.657	167	482150	36.505	ng	100
74) Di-n-butylphthalate	11.980	149	539816	38.619	ng	100
75) Fluoranthene	12.639	202	517975	37.088	ng	100
77) Benzidine	12.757	184	213108	45.507	ng	100
78) Pyrene	12.869	202	502445	44.596	ng	100
80) Butylbenzylphthalate	13.480	149	154927	45.024	ng	100
81) Benzo(a)anthracene	14.057	228	360111	41.315	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	117827	42.304	ng	100
83) Chrysene	14.098	228	312740	38.265	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	238704	58.180	ng	100
85) Di-n-octyl phthalate	14.657	149	447326	55.357	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	441110	42.002	ng	100
88) Benzo(b)fluoranthene	15.121	252	342318	38.786	ng	100
89) Benzo(k)fluoranthene	15.151	252	316796	38.803	ng	100
90) Benzo(a)pyrene	15.504	252	325150	39.436	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	364050	42.834	ng	100
92) Benzo(g,h,i)perylene	17.545	276	358281	40.909	ng	100

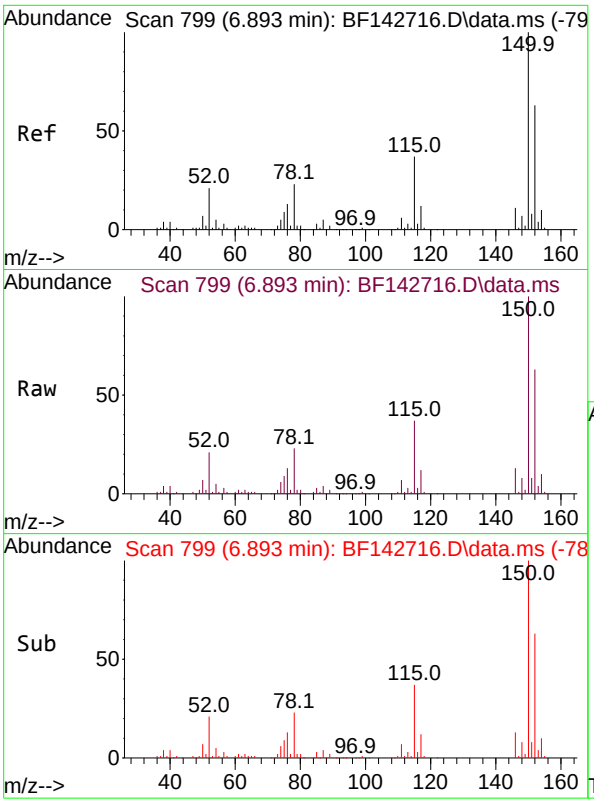
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



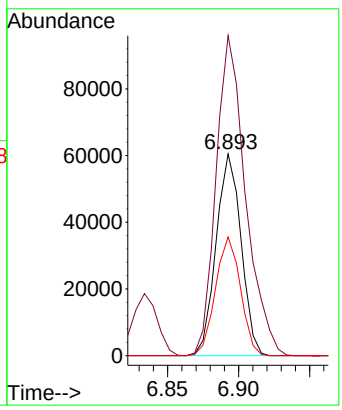


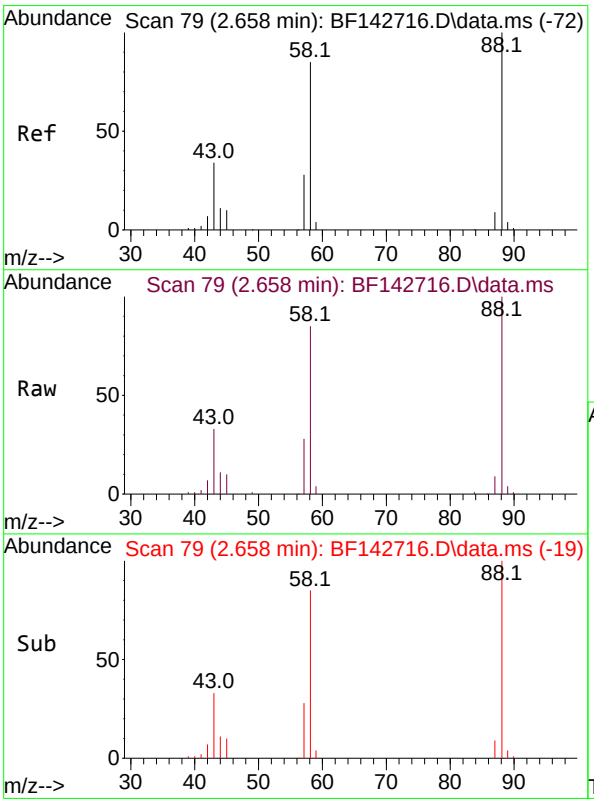
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 73919

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	58.8	47.0	70.6

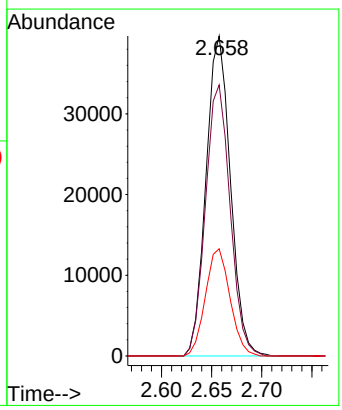


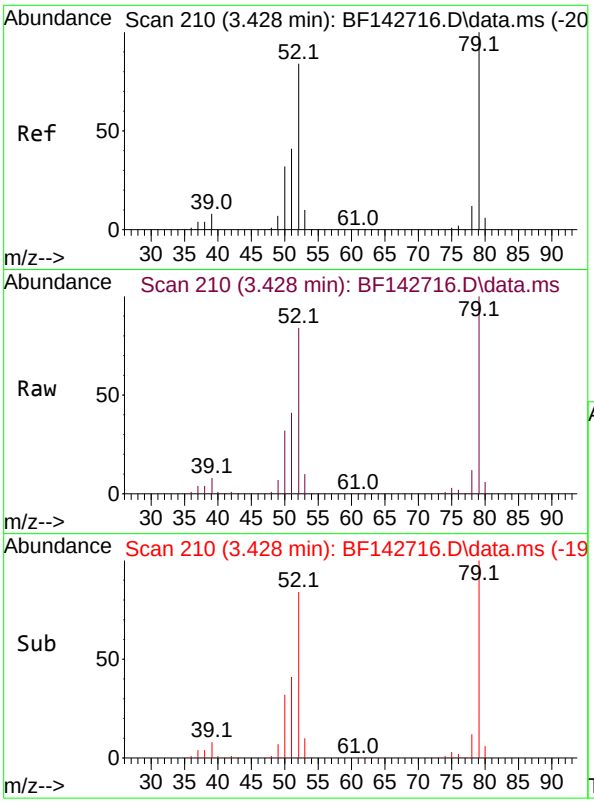


#2
1,4-Dioxane
Concen: 40.220 ng
RT: 2.658 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 88 Resp: 67193

Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.4	102.6
43	33.8	27.0	40.6



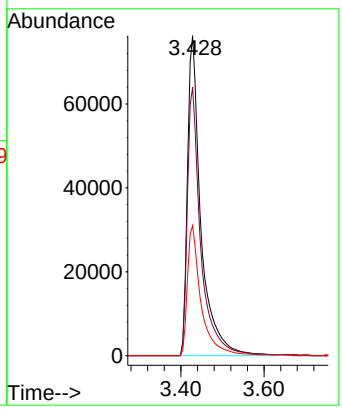


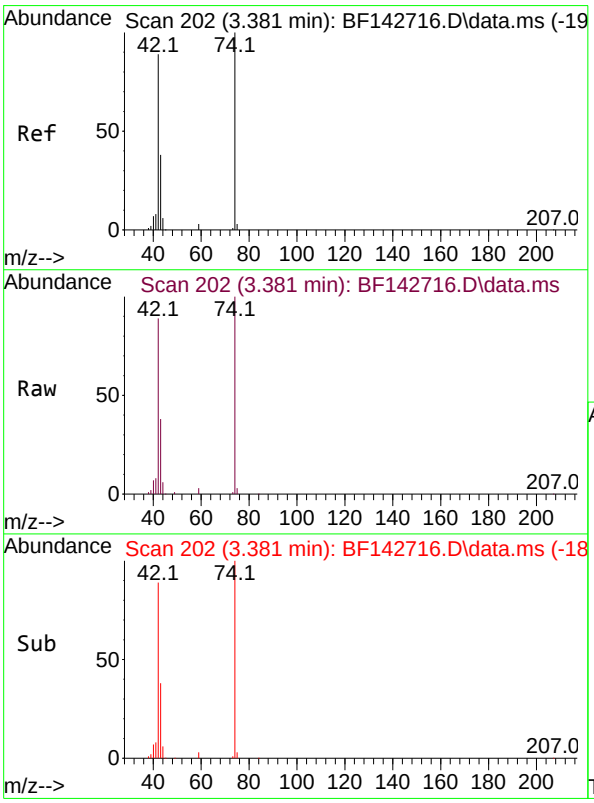
#3
Pyridine
Concen: 39.847 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 171443

Ion	Ratio	Lower	Upper
79	100		
52	83.9	67.1	100.7
51	40.7	32.6	48.8

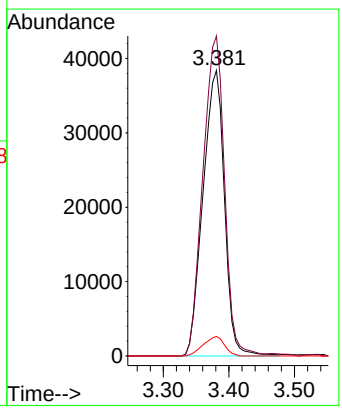


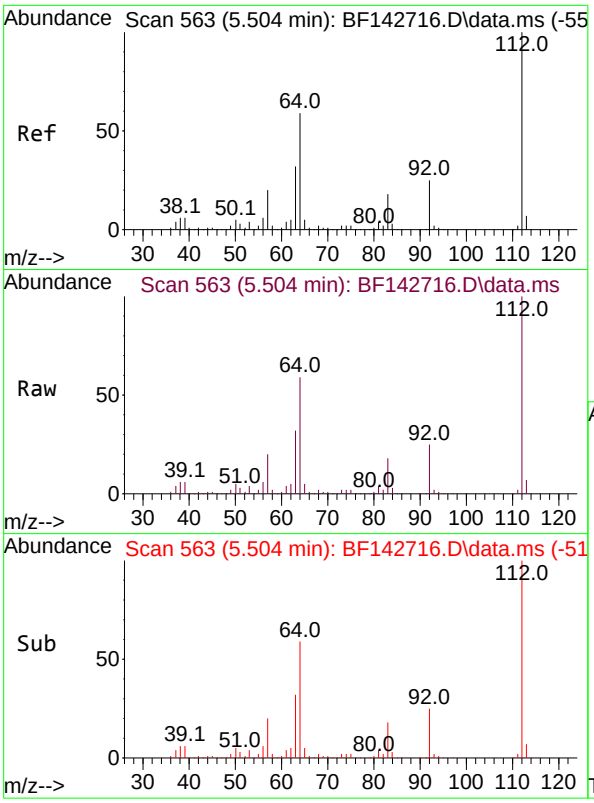


#4
n-Nitrosodimethylamine
Concen: 41.322 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 42 Resp: 87361

Ion	Ratio	Lower	Upper
42	100		
74	112.0	89.6	134.4
44	6.8	5.4	8.2



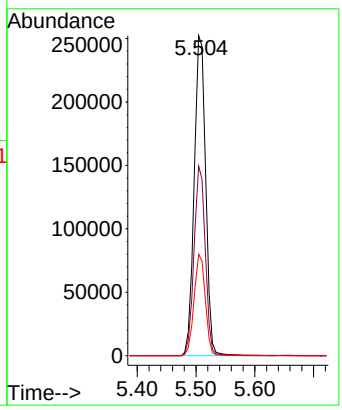


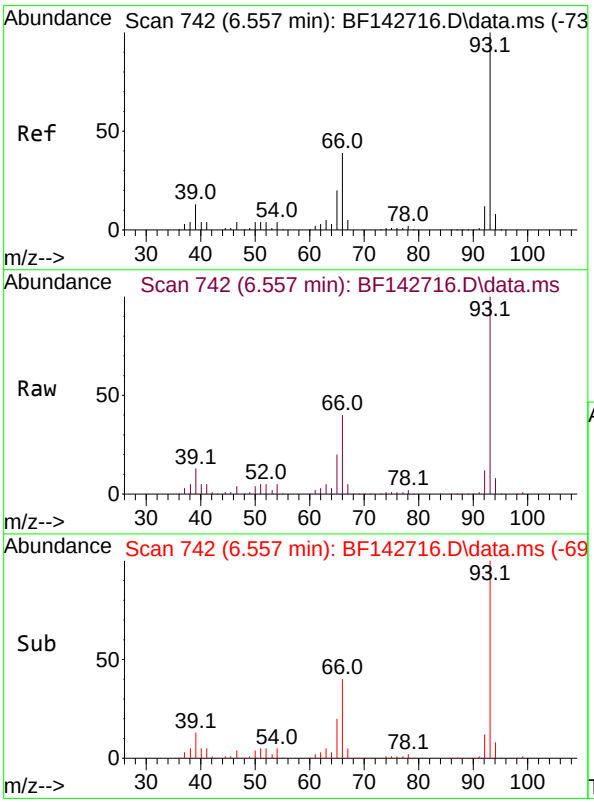
#5
2-Fluorophenol
Concen: 78.709 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 343357

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.4	71.2
63	31.7	25.4	38.0

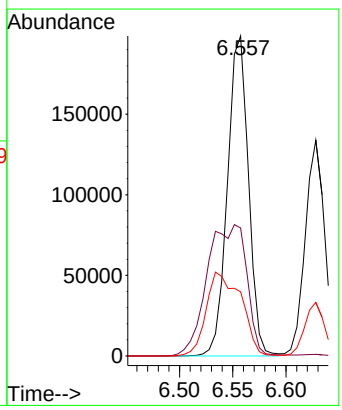


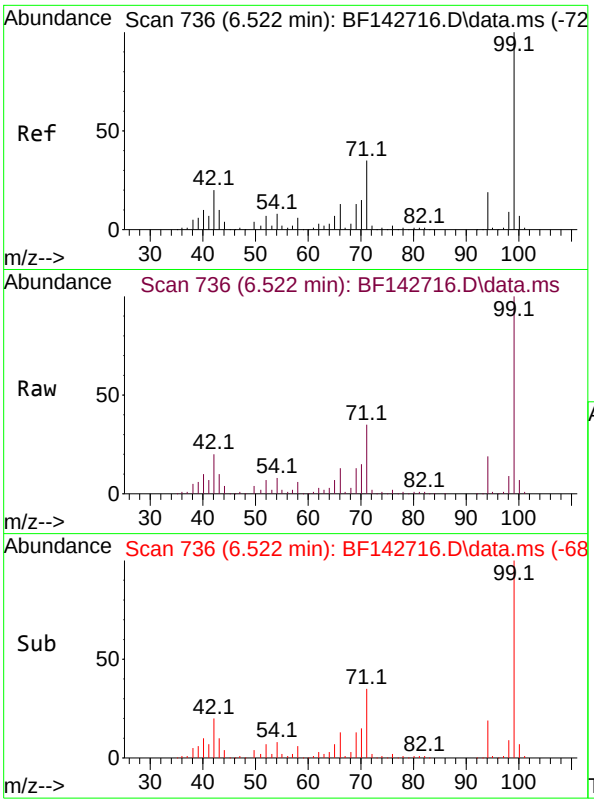


#6
Aniline
Concen: 39.869 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 93 Resp: 273155

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.0	48.0
65	20.1	16.1	24.1



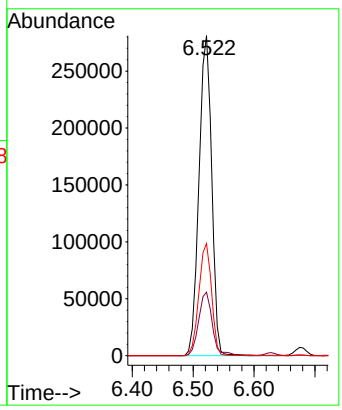


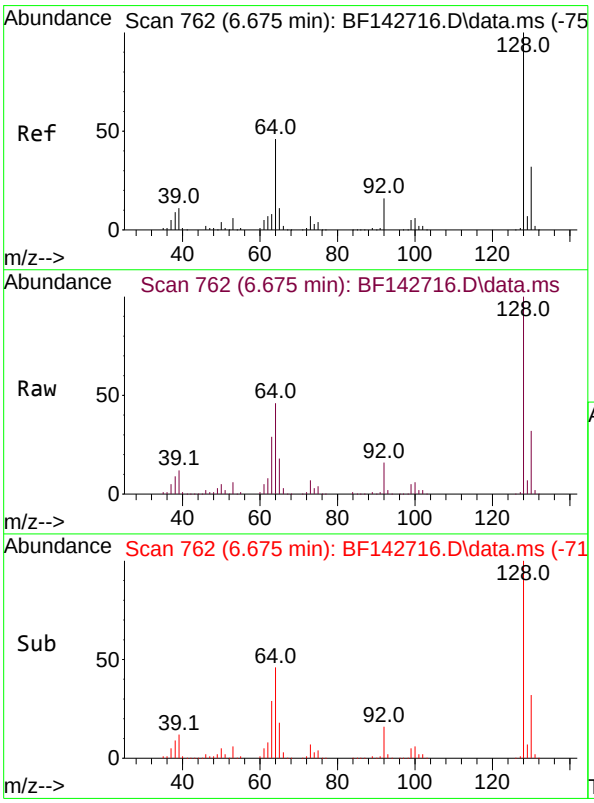
#7
Phenol-d6
Concen: 79.729 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 406740

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.0	28.0	42.0

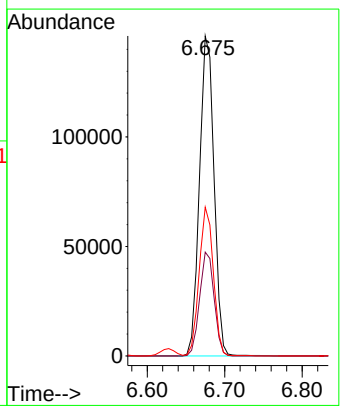


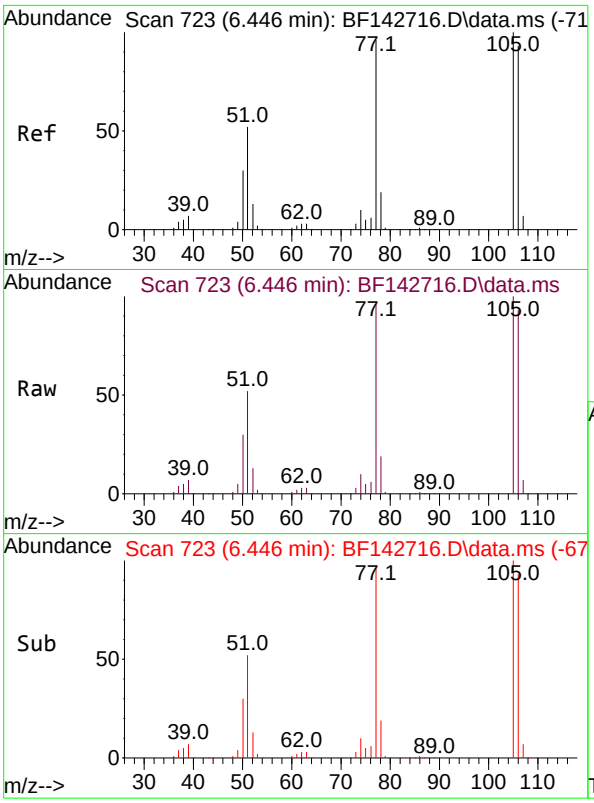


#8
2-Chlorophenol
Concen: 39.974 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:128 Resp: 190691

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	46.5	26.5	66.5



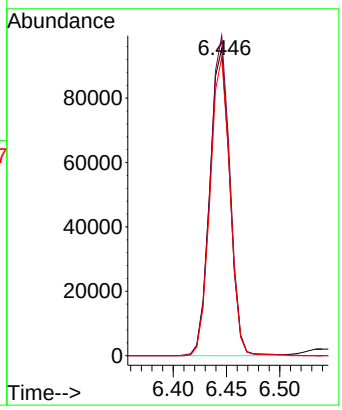


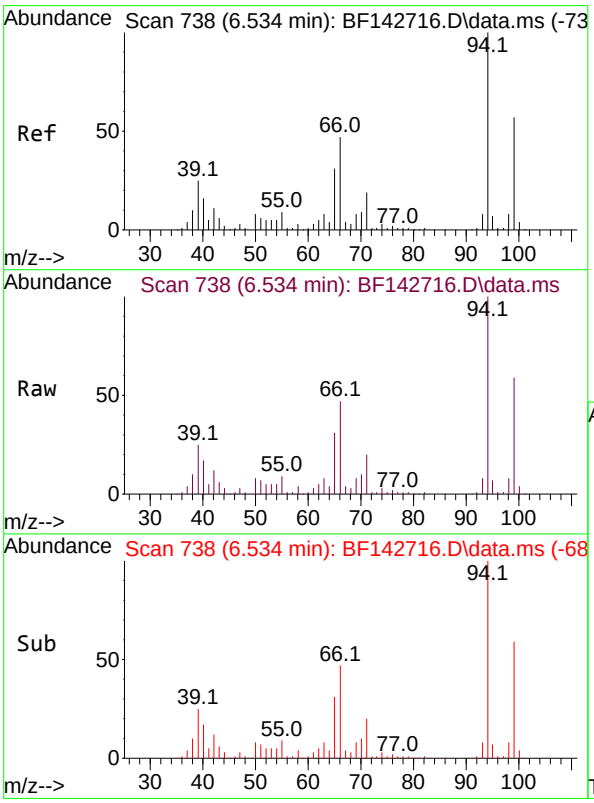
#9
Benzaldehyde
Concen: 42.903 ng
RT: 6.446 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 123971

Ion	Ratio	Lower	Upper
77	100		
105	104.1	84.1	124.1
106	97.2	77.2	117.2

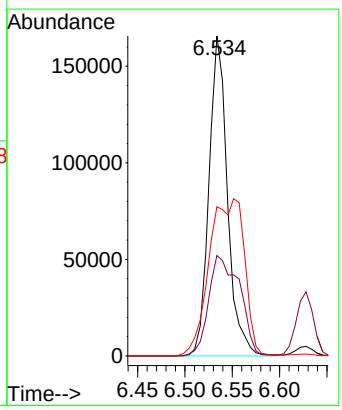


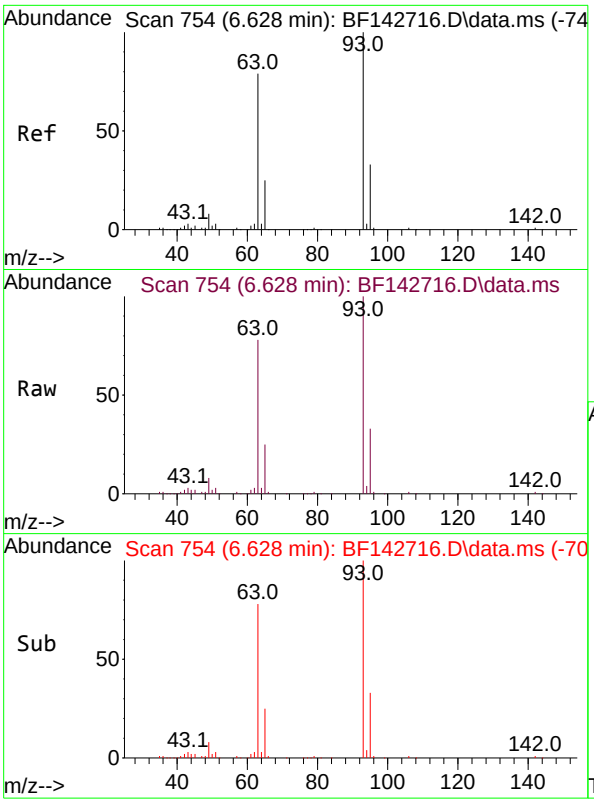


#10
Phenol
Concen: 39.506 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 94 Resp: 225072

Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.4	51.4
66	46.7	26.7	66.7



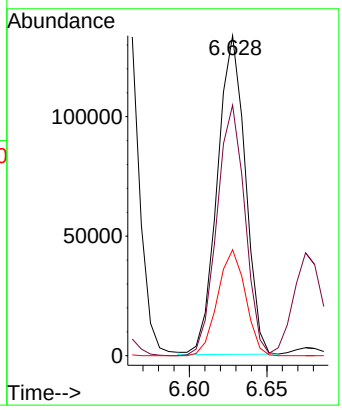


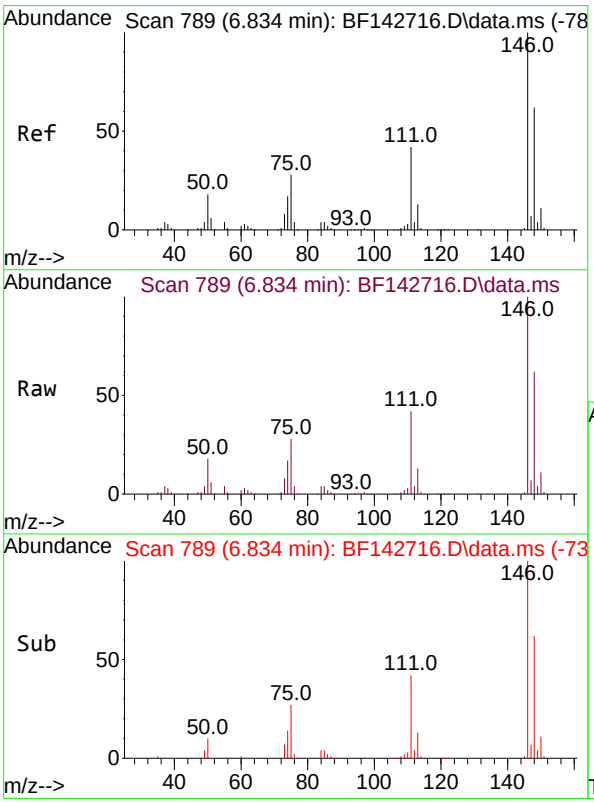
#11
bis(2-Chloroethyl)ether
Concen: 40.033 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 167078

Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.3	98.3
95	33.1	13.1	53.1

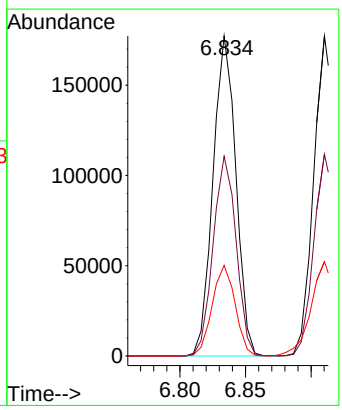


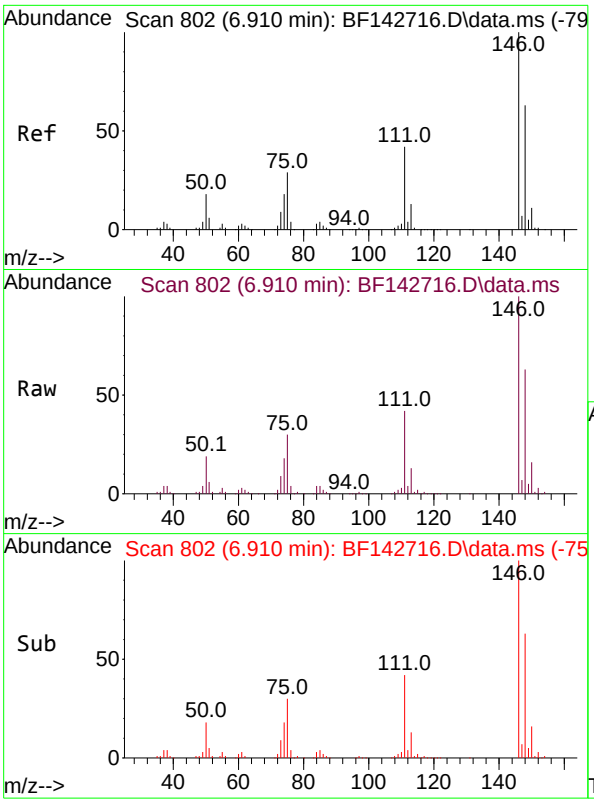


#12
1,3-Dichlorobenzene
Concen: 40.184 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:146 Resp: 214577

Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.9	74.9
75	28.3	22.6	34.0



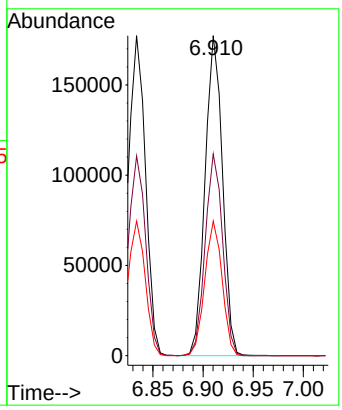


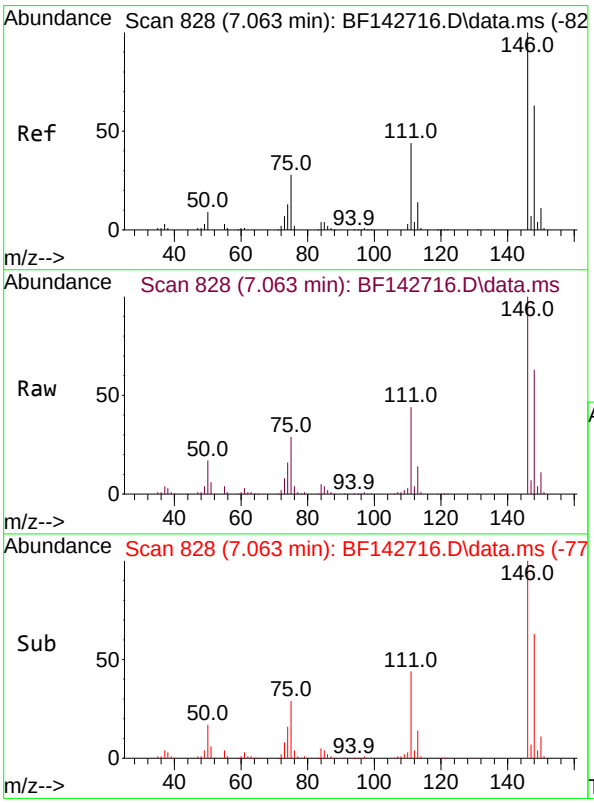
#13
1,4-Dichlorobenzene
Concen: 39.511 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 214952

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	42.0	33.6	50.4

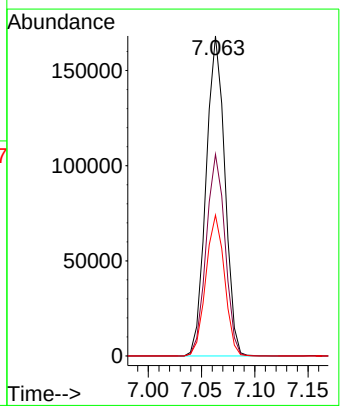


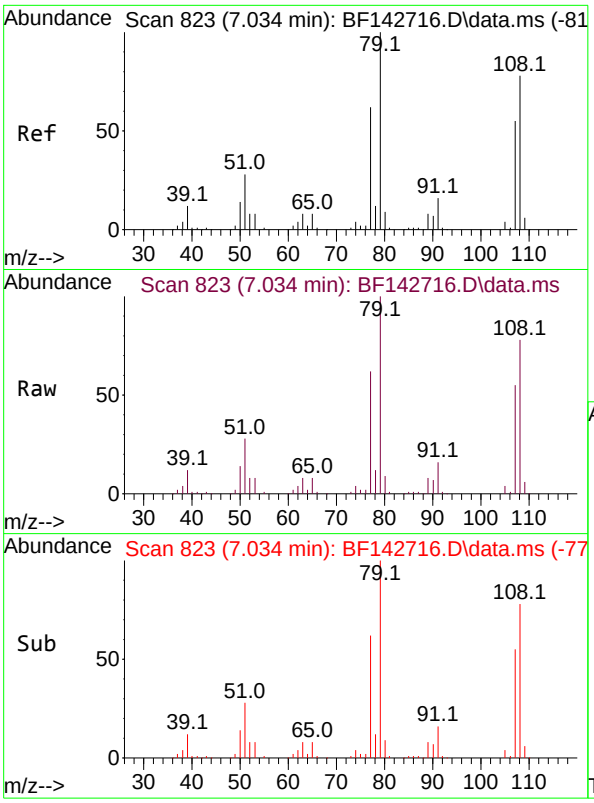


#14
1,2-Dichlorobenzene
Concen: 39.941 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:146 Resp: 207185

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	44.0	35.2	52.8



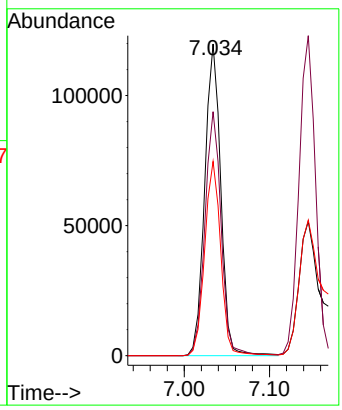


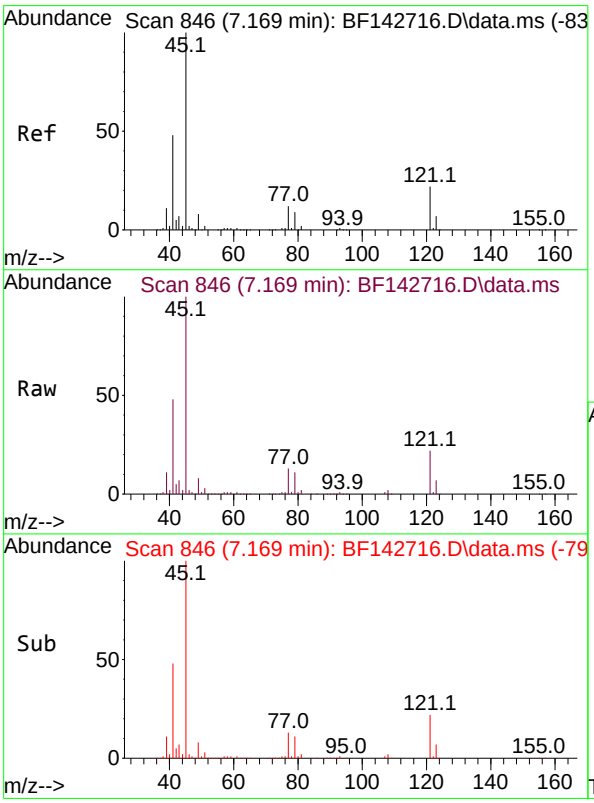
#15
Benzyl Alcohol
Concen: 41.604 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 156614

Ion	Ratio	Lower	Upper
79	100		
108	78.3	62.6	94.0
77	62.3	49.8	74.8

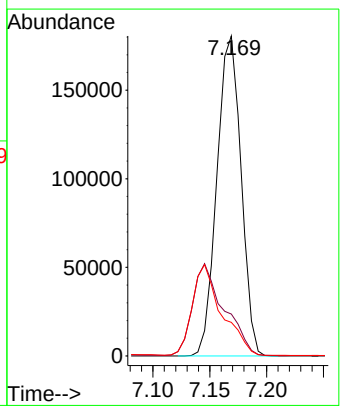


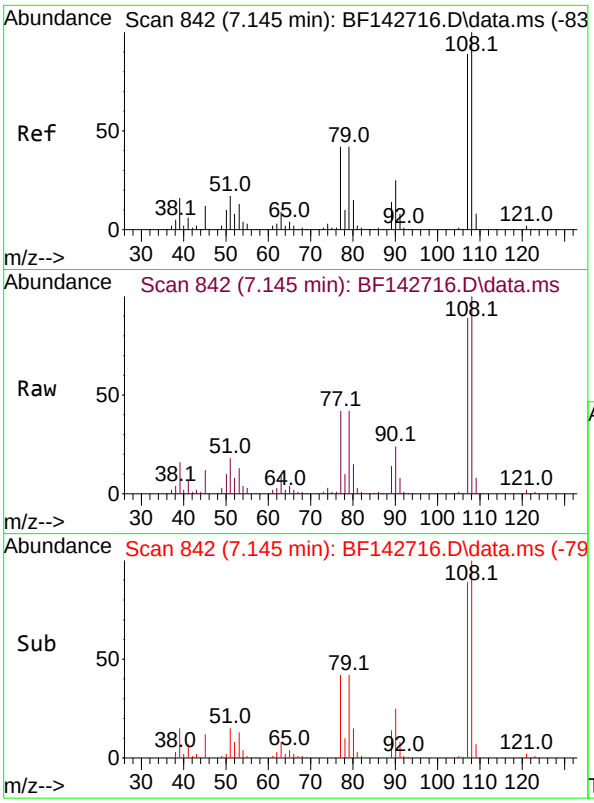


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.528 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 45 Resp: 266983

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.1
79	10.5	0.0	30.5



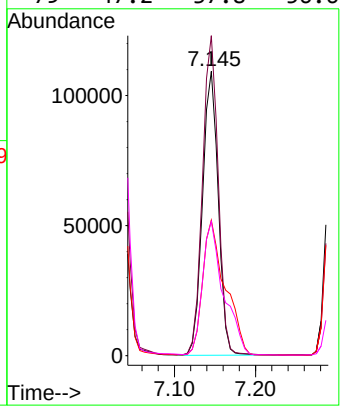


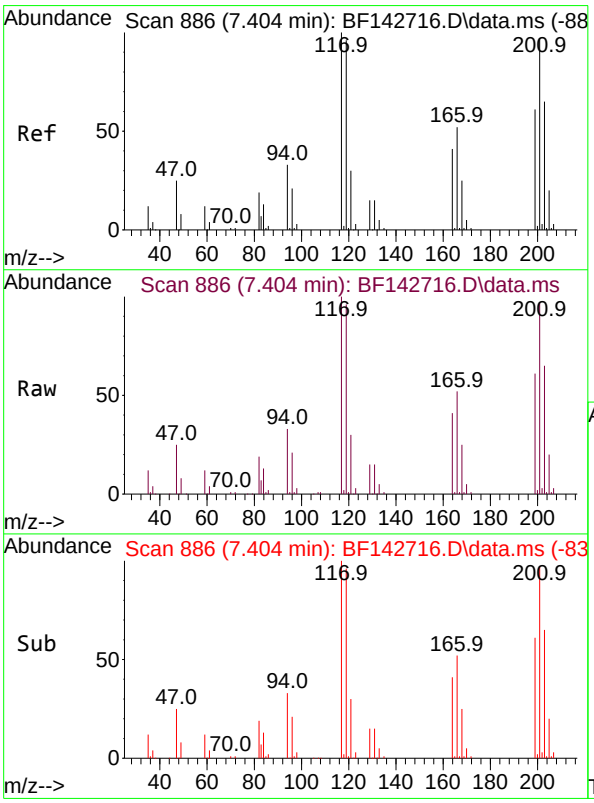
#17
2-Methylphenol
Concen: 40.285 ng
RT: 7.145 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 146636

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	47.7	38.2	57.2
79	47.2	37.8	56.6

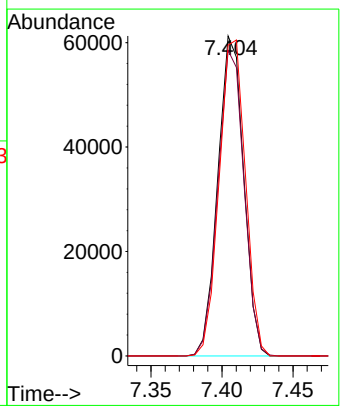


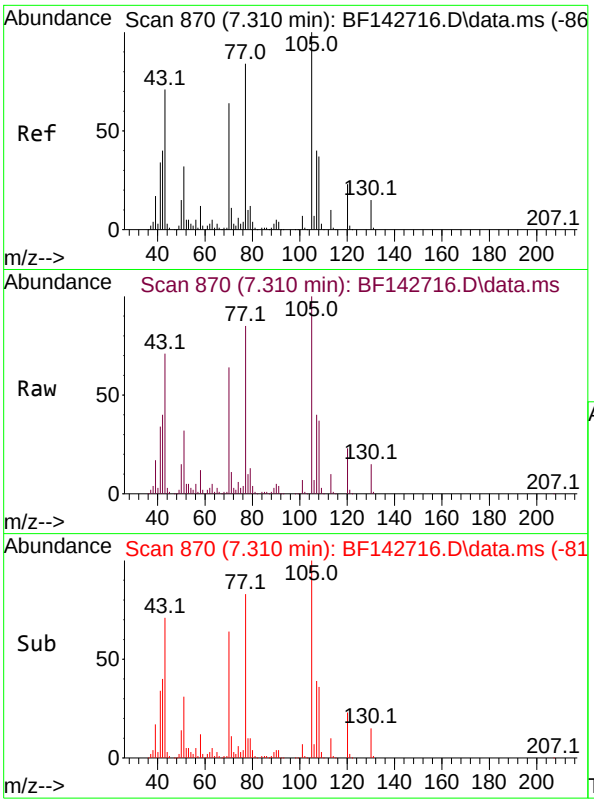


#18
Hexachloroethane
Concen: 41.065 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:117 Resp: 77474

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
201	97.2	77.8	116.6



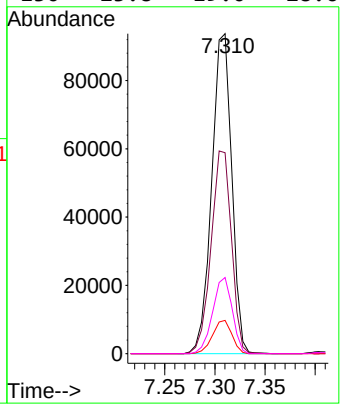


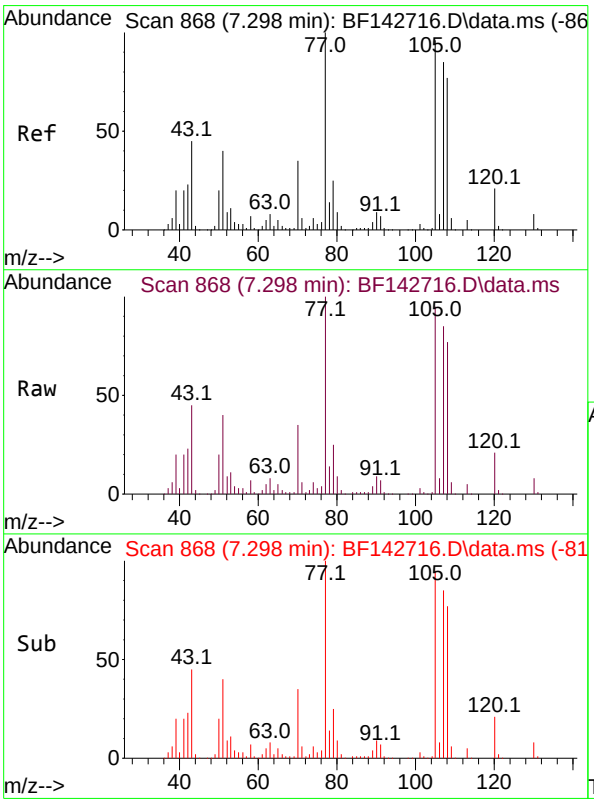
#19
n-Nitroso-di-n-propylamine
Concen: 43.041 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 129867

Ion	Ratio	Lower	Upper
70	100		
42	62.8	50.2	75.4
101	10.4	8.3	12.5
130	23.8	19.0	28.6

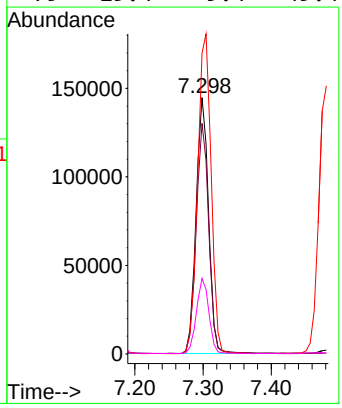


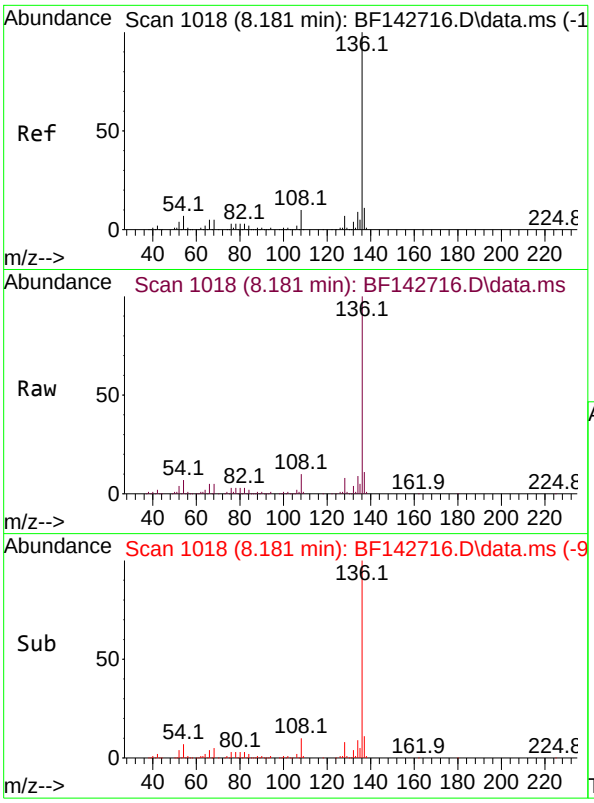


#20
3+4-Methylphenols
Concen: 40.940 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:107 Resp: 184159

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	117.4	97.4	137.4
79	29.4	9.4	49.4



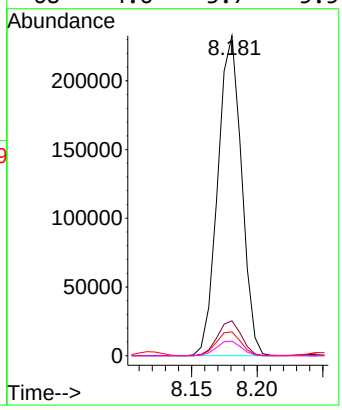


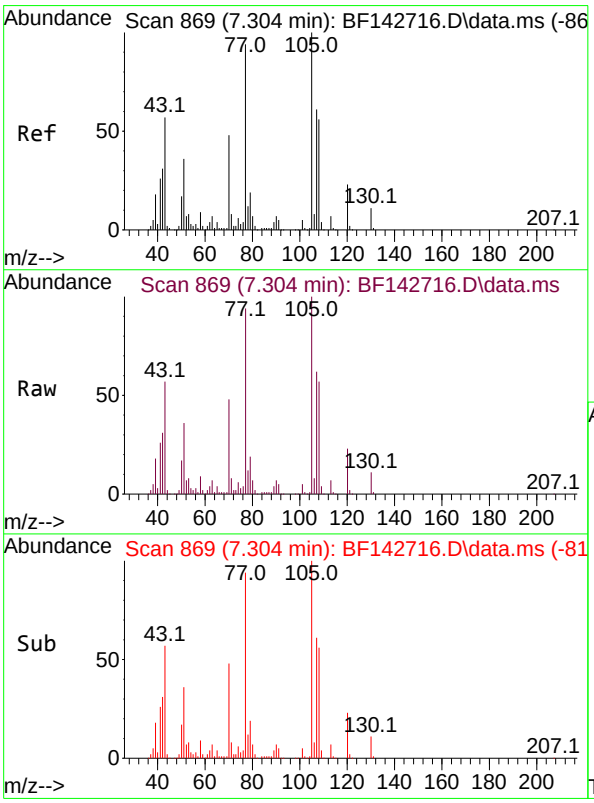
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 293174

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.4	5.9	8.9
68	4.6	3.7	5.5

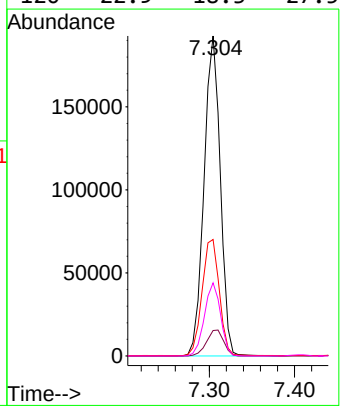


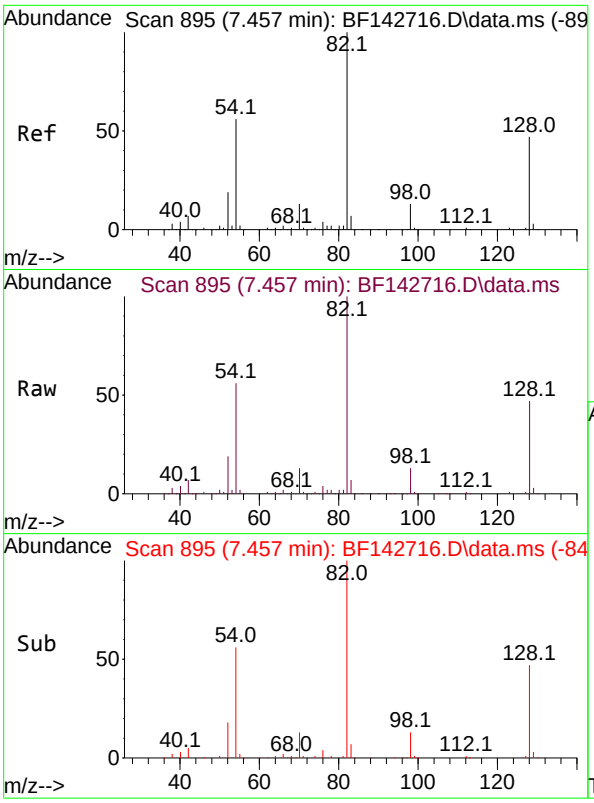


#22
Acetophenone
Concen: 39.781 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:105 Resp: 255088

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	36.4	29.1	43.7
120	22.9	18.3	27.5



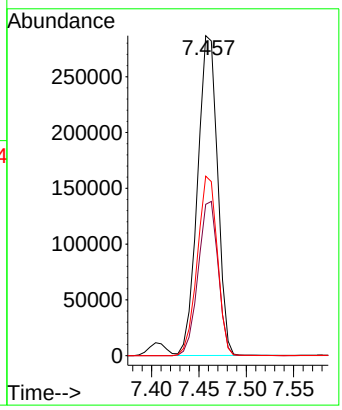


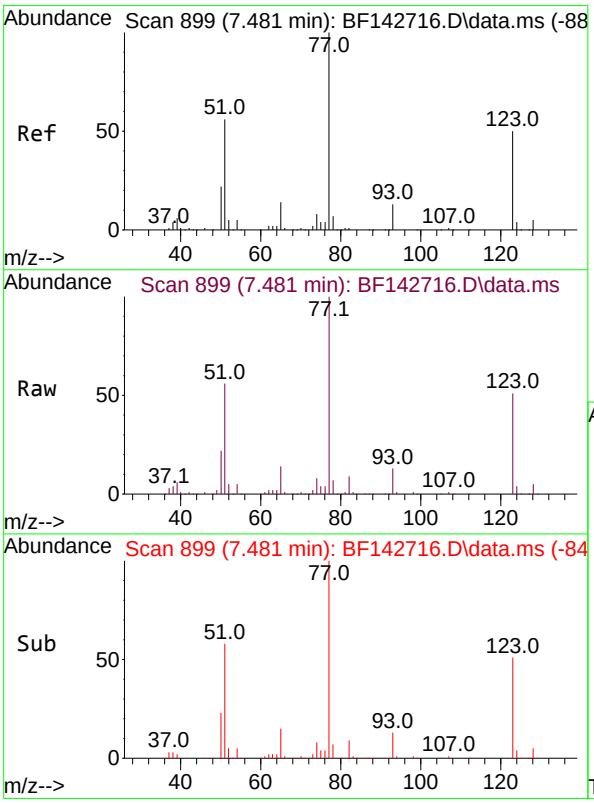
#23
Nitrobenzene-d5
Concen: 78.505 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 419582

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	56.1	44.9	67.3

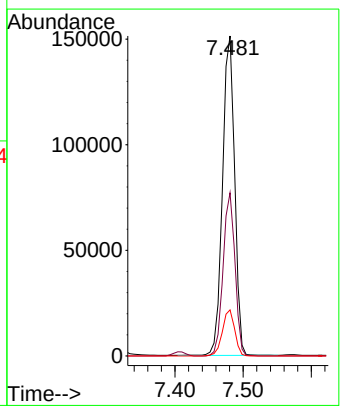


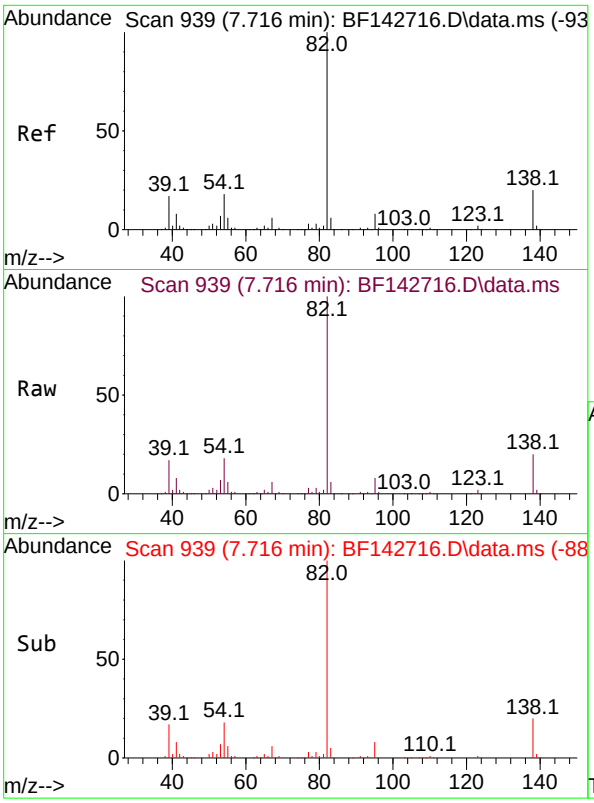


#24
Nitrobenzene
Concen: 38.993 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 77 Resp: 187501

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.8	61.2
65	14.4	11.5	17.3



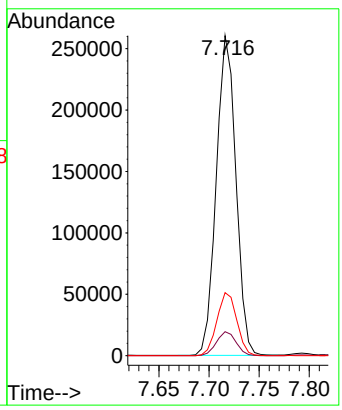


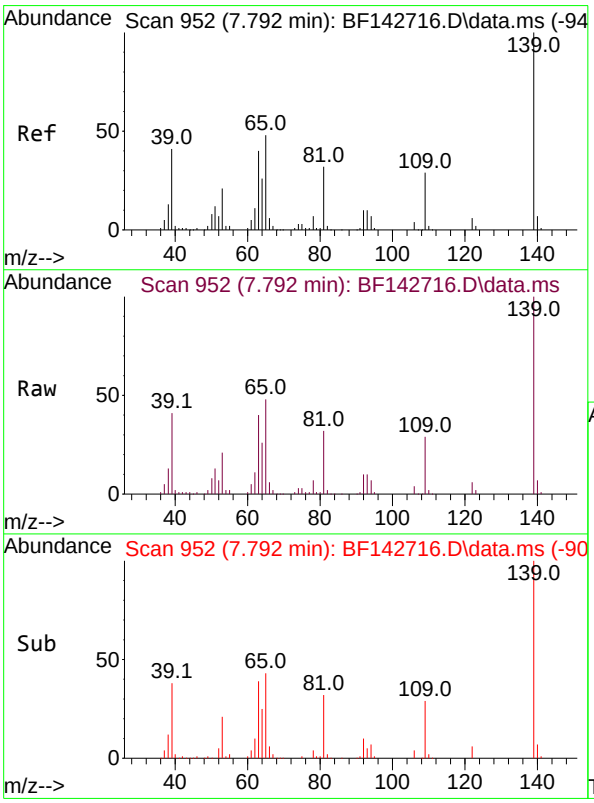
#25
Isophorone
Concen: 40.429 ng
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 353615

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.7	15.8	23.6

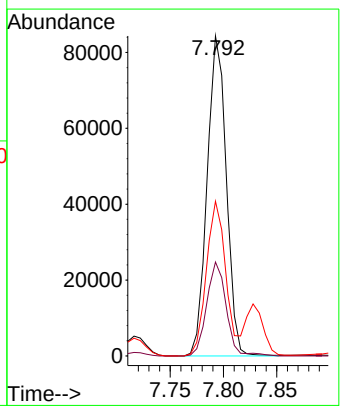


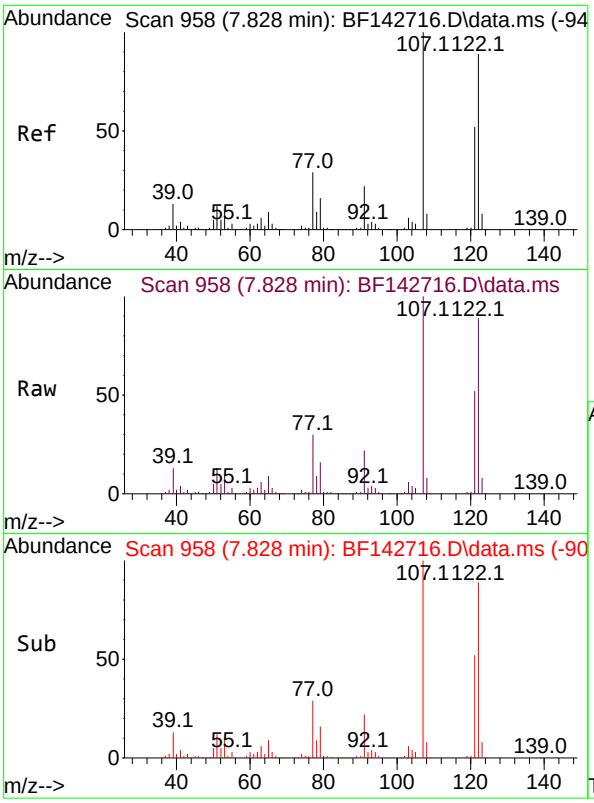


#26
2-Nitrophenol
Concen: 39.983 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:139 Resp: 105955

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.2
65	48.4	38.7	58.1



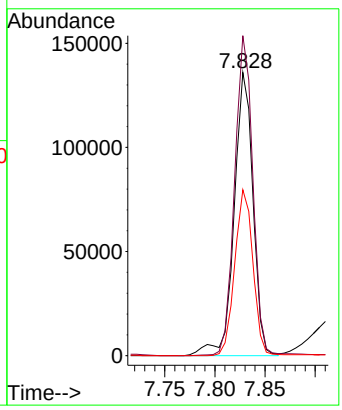


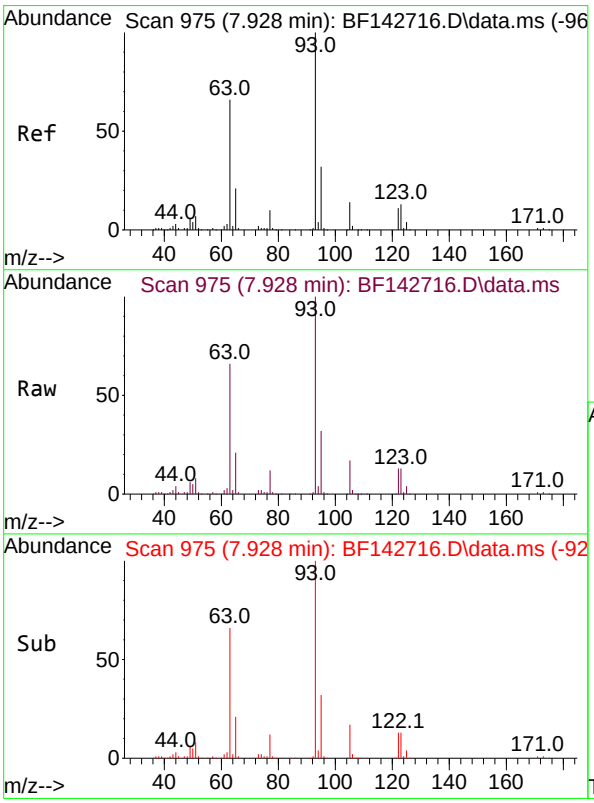
#27
2,4-Dimethylphenol
Concen: 39.403 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 178092

Ion	Ratio	Lower	Upper
122	100		
107	113.0	90.4	135.6
121	58.6	46.9	70.3

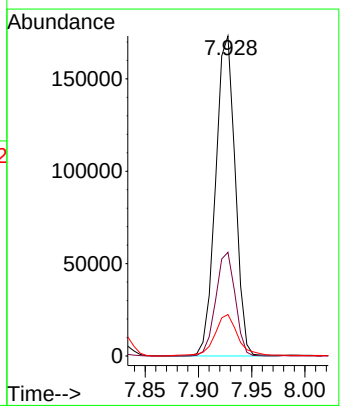


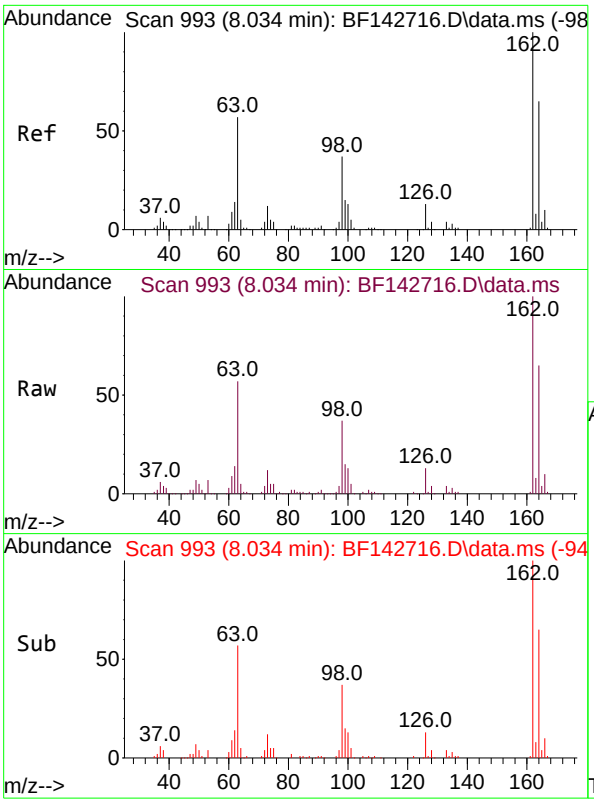


#28
bis(2-Chloroethoxy)methane
Concen: 40.712 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 93 Resp: 221302

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	12.9	10.3	15.5



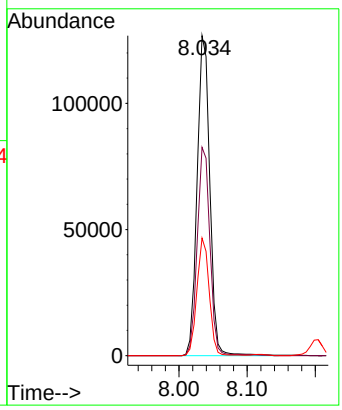


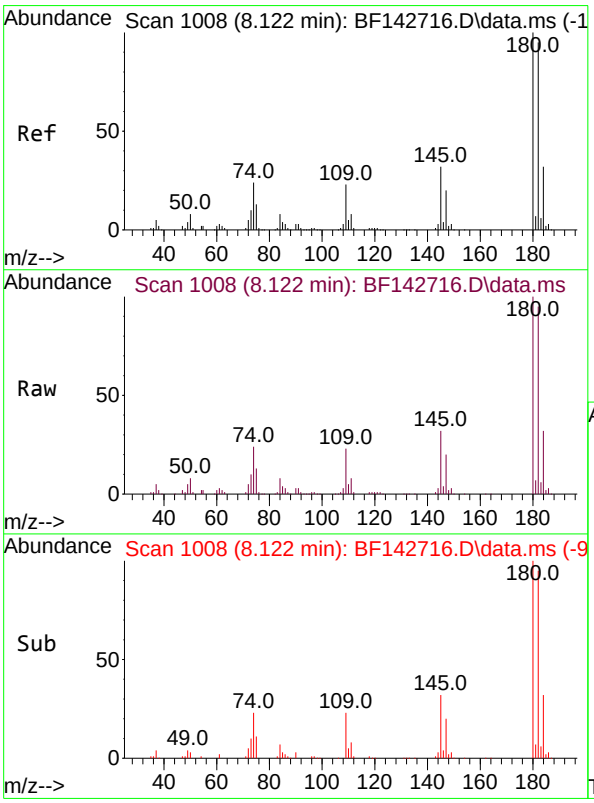
#29
2,4-Dichlorophenol
Concen: 39.919 ng
RT: 8.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 163972

Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.1	85.1
98	36.7	16.7	56.7

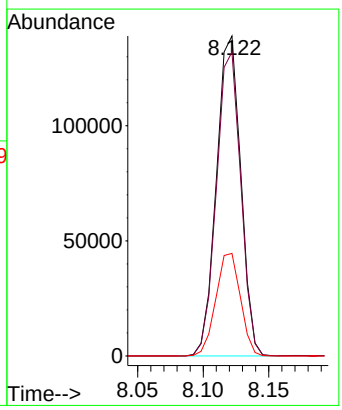


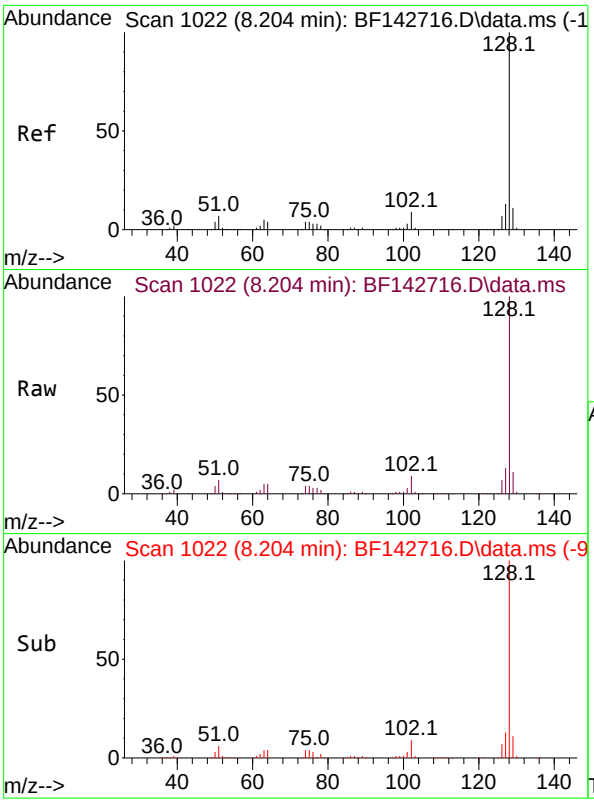


#30
1,2,4-Trichlorobenzene
Concen: 39.655 ng
RT: 8.122 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:180 Resp: 179611

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	32.1	25.7	38.5



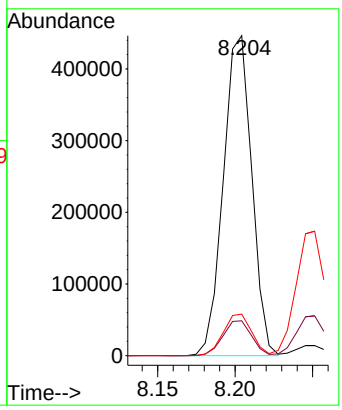


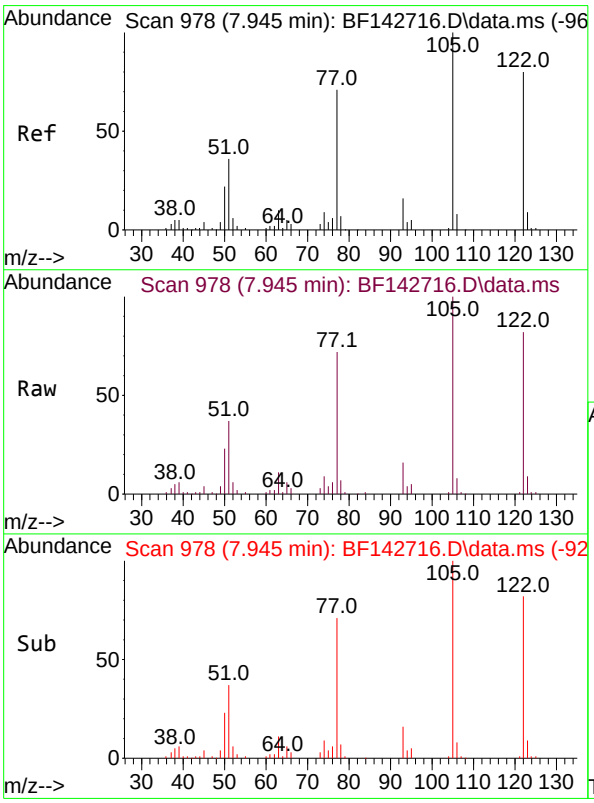
#31
Naphthalene
Concen: 39.451 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 570012

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.4	15.6

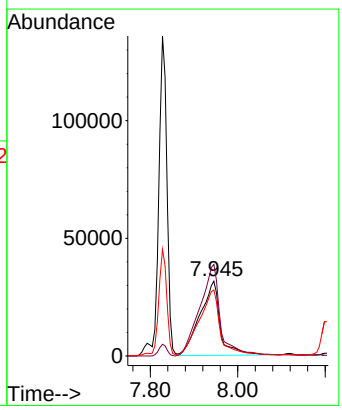


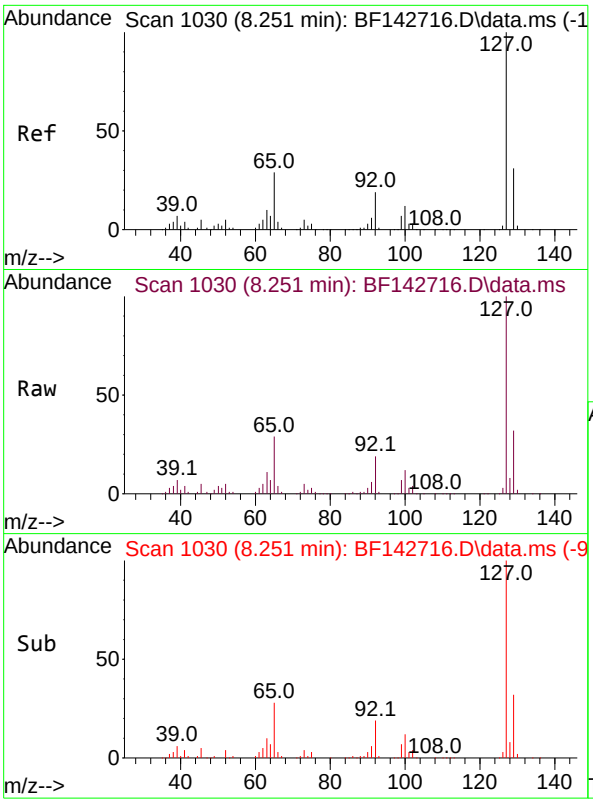


#32
Benzoic acid
Concen: 37.731 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:122 Resp: 102071

Ion	Ratio	Lower	Upper
122	100		
105	122.6	102.6	142.6
77	88.2	68.2	108.2



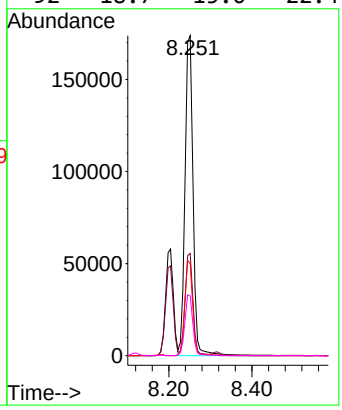


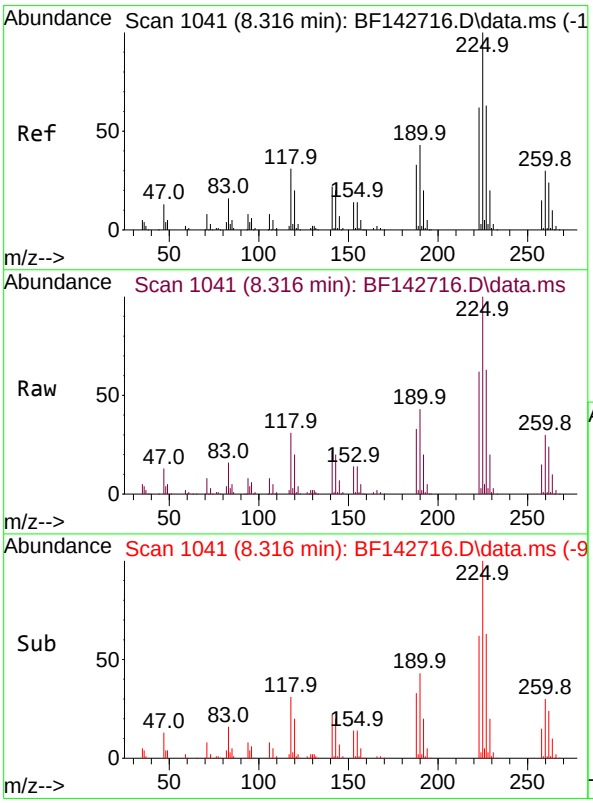
#33
4-Chloroaniline
Concen: 39.494 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 234175

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	28.7	23.0	34.4
92	18.7	15.0	22.4

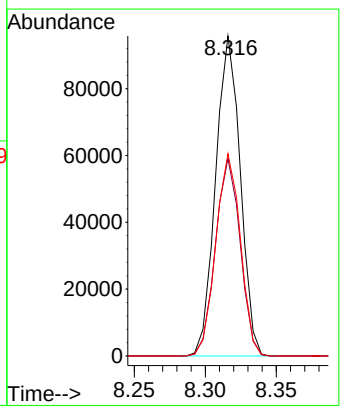


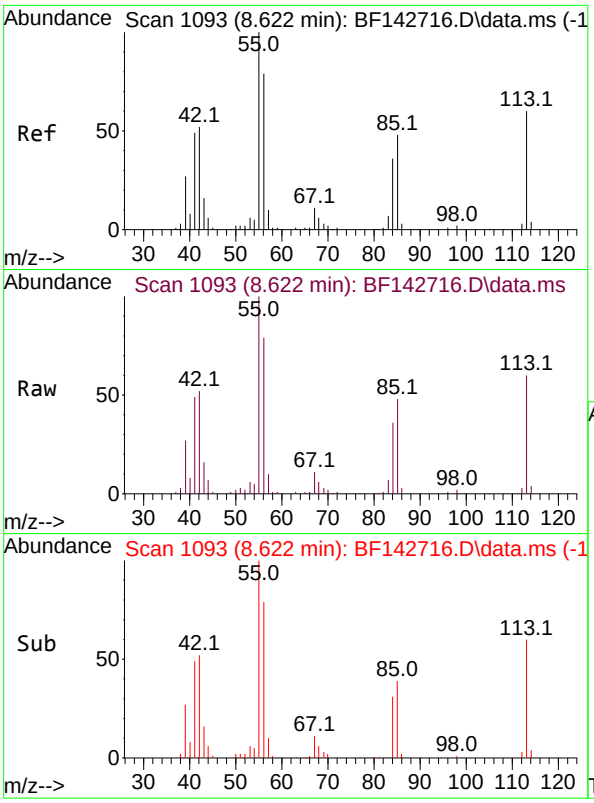


#34
Hexachlorobutadiene
Concen: 41.152 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:225 Resp: 115374

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.3	73.9
227	63.2	50.6	75.8



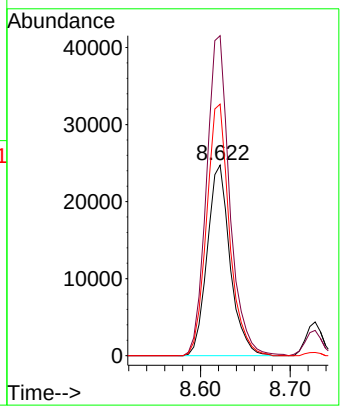


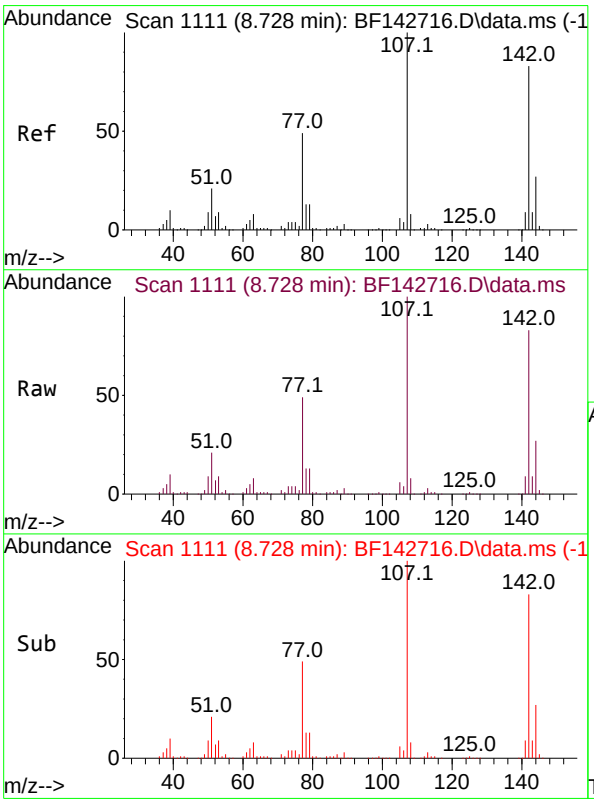
#35
Caprolactam
Concen: 35.114 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 43733

Ion	Ratio	Lower	Upper
113	100		
55	167.9	147.9	187.9
56	131.9	111.9	151.9

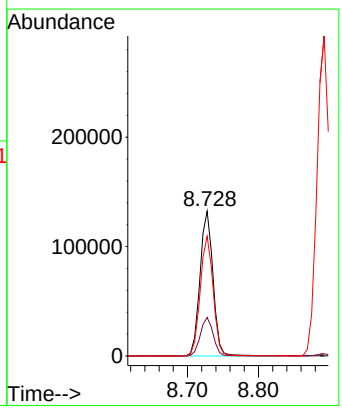


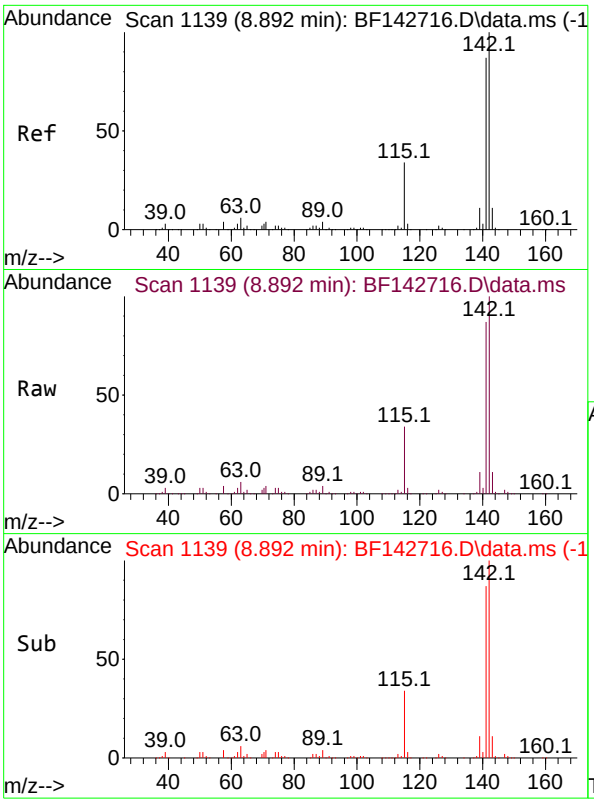


#36
4-Chloro-3-methylphenol
Concen: 39.238 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:107 Resp: 169288

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	82.7	66.2	99.2



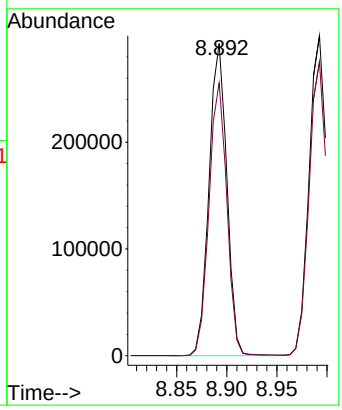


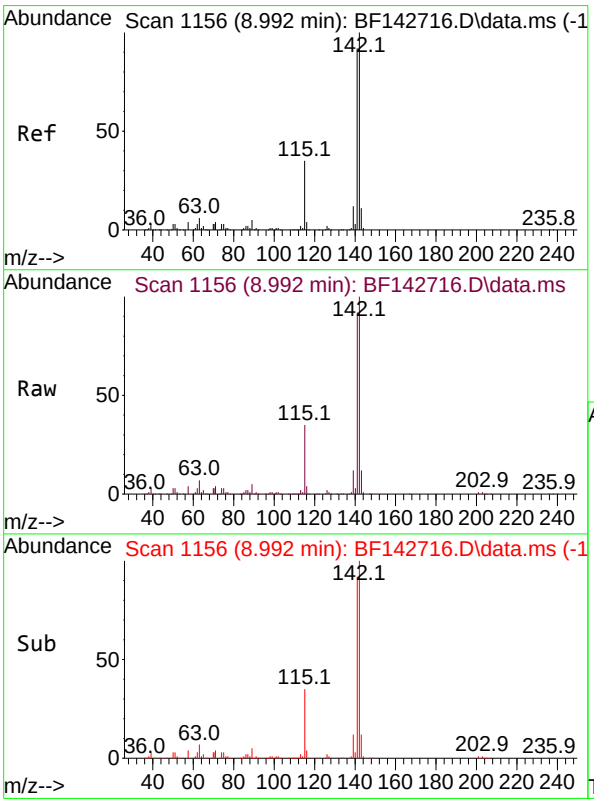
#37
2-Methylnaphthalene
Concen: 39.343 ng
RT: 8.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 362198

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

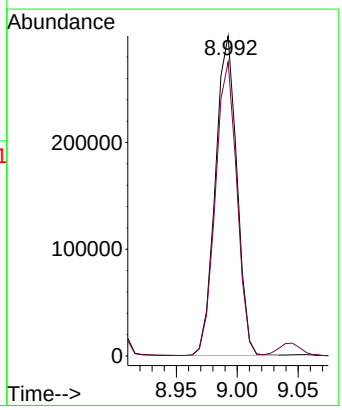


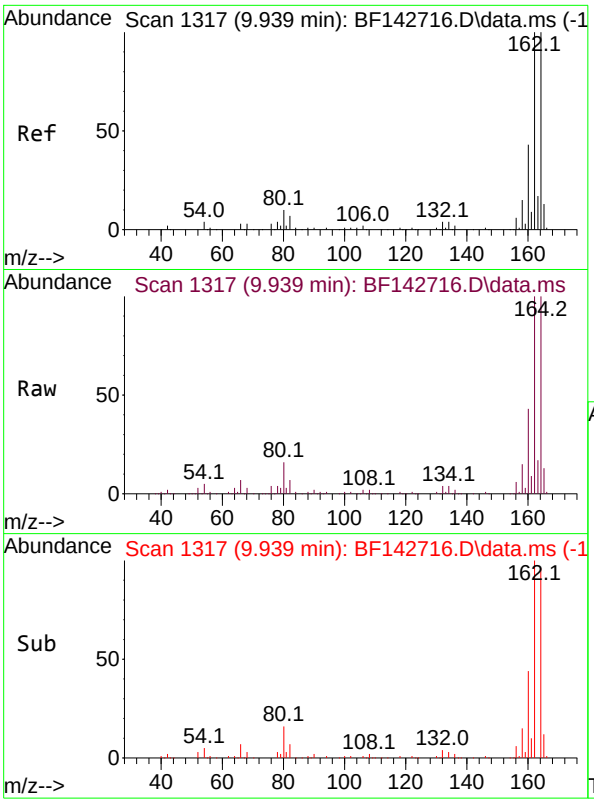


#38
1-Methylnaphthalene
Concen: 38.834 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:142 Resp: 368559

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3



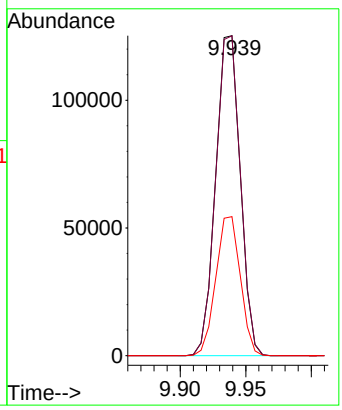


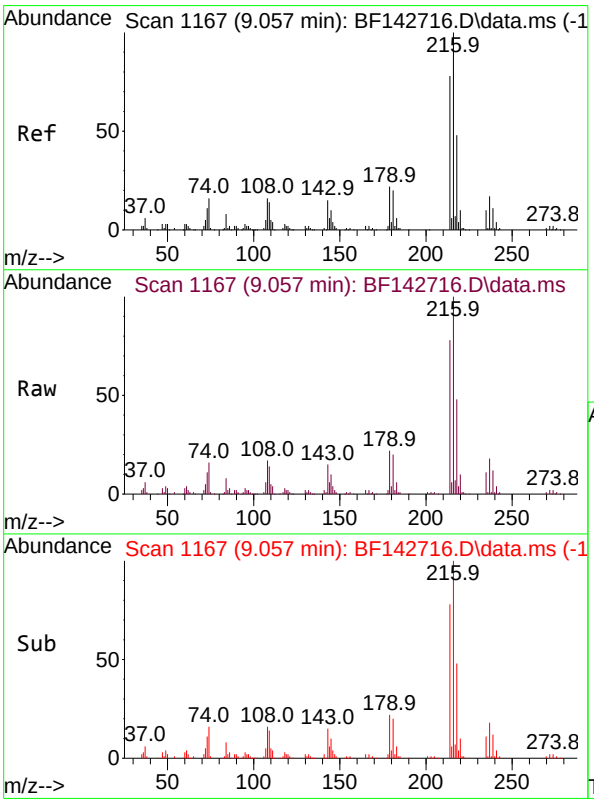
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 163323

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	43.5	34.8	52.2

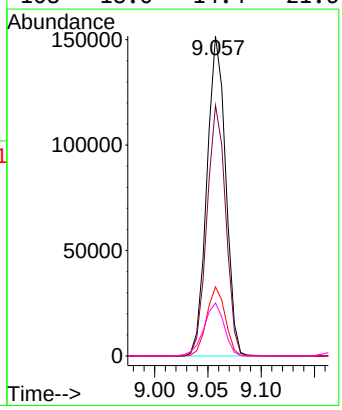


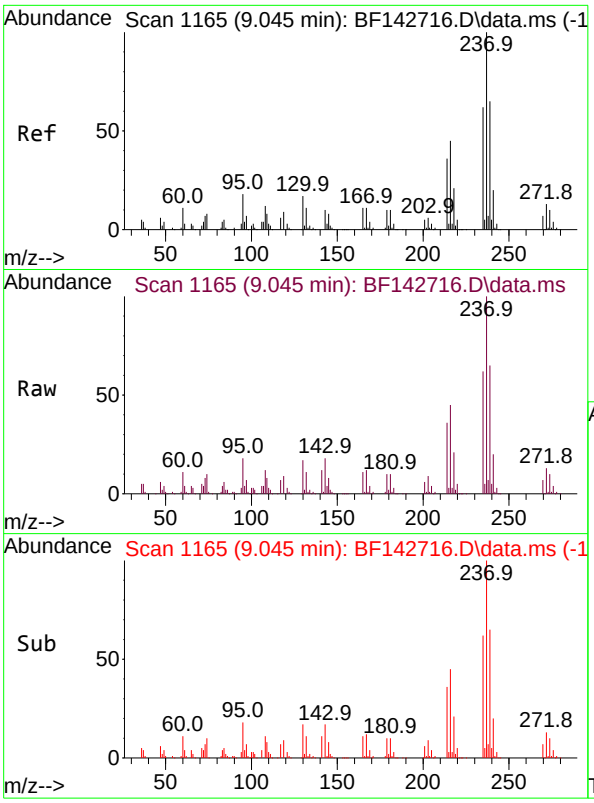


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.039 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:216 Resp: 185437

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	21.4	17.1	25.7
108	18.0	14.4	21.6



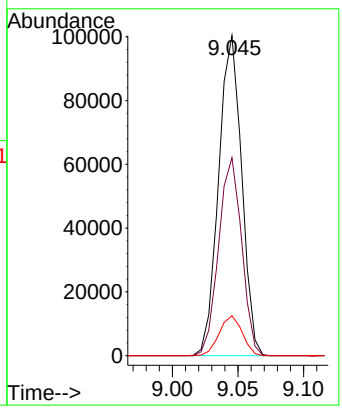


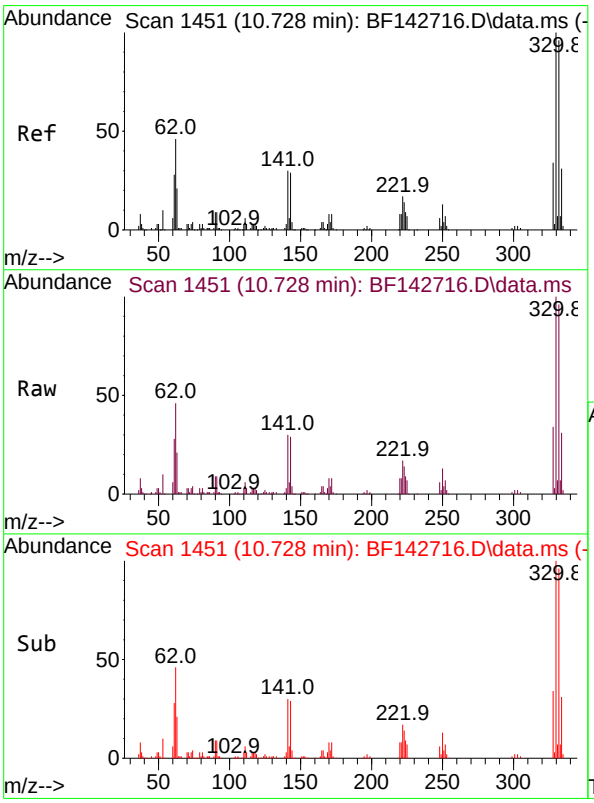
#41
Hexachlorocyclopentadiene
Concen: 43.254 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 122551

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.9	81.9
272	12.5	0.0	32.5

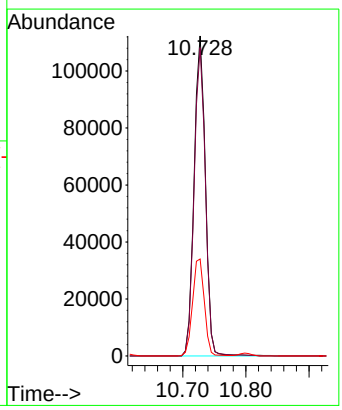


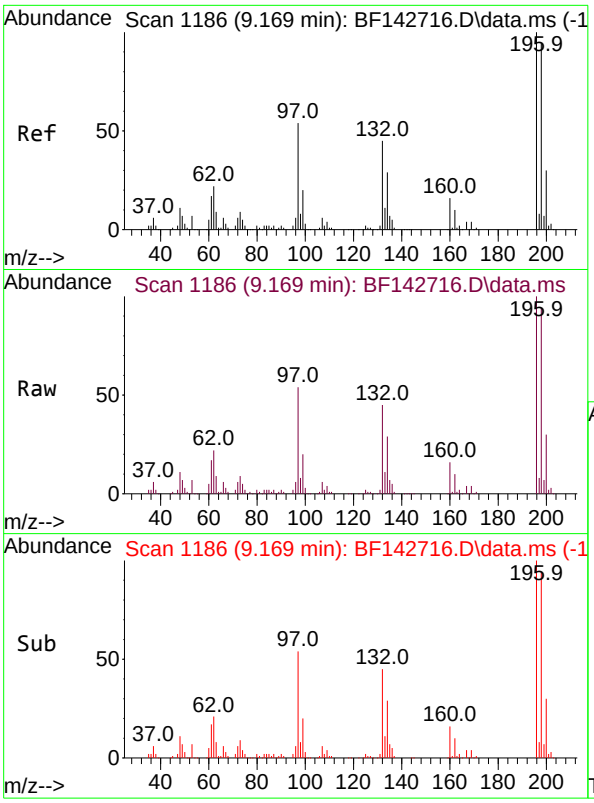


#42
2,4,6-Tribromophenol
Concen: 76.063 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:330 Resp: 139141

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.7	25.4	38.0



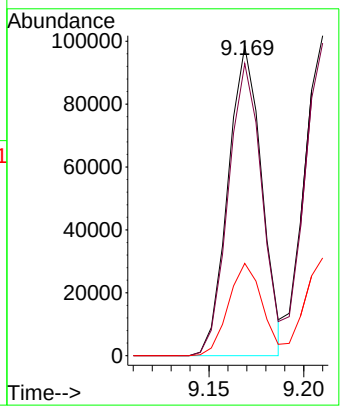


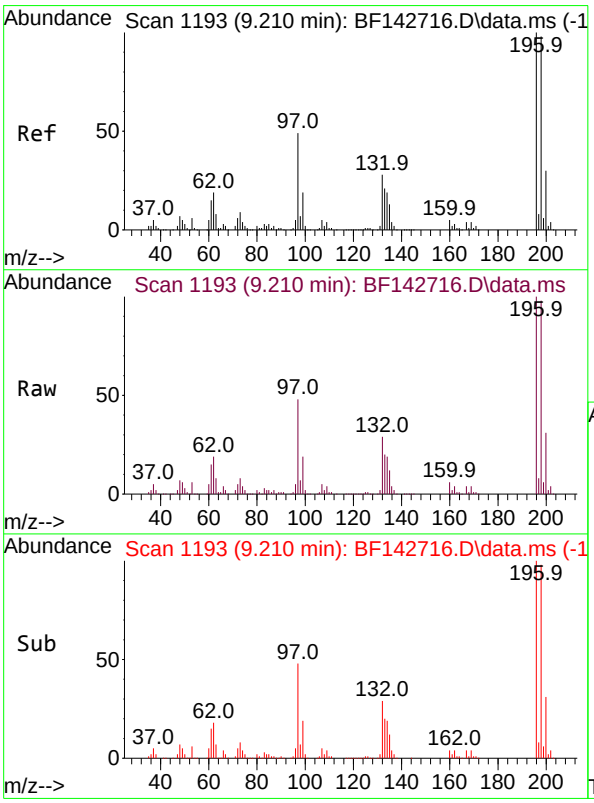
#43
2,4,6-Trichlorophenol
Concen: 39.269 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 121856

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
200	29.8	23.8	35.8

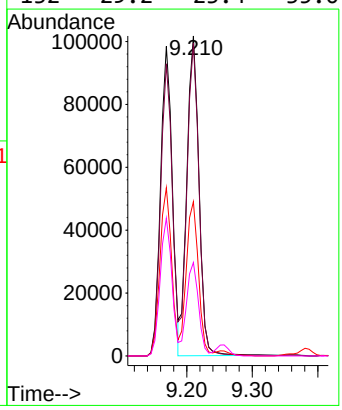


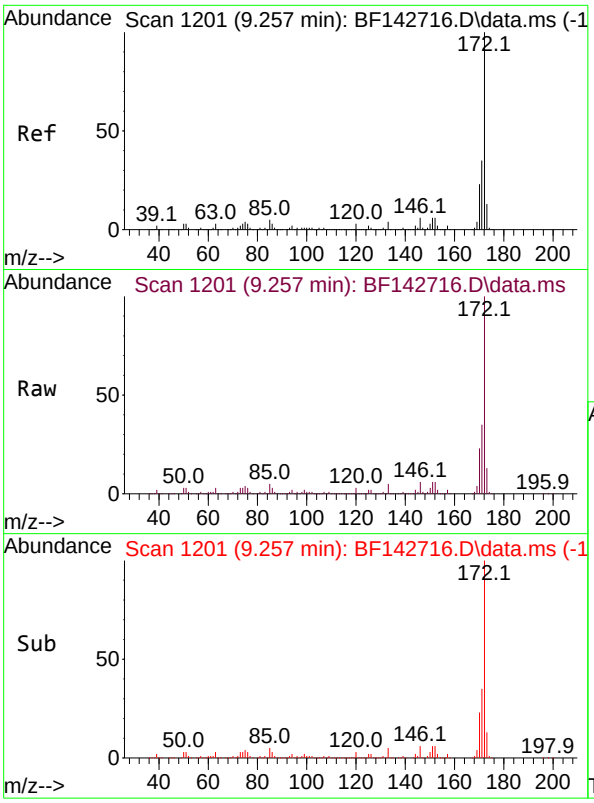


#44
2,4,5-Trichlorophenol
Concen: 39.297 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:196 Resp: 130579

Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.2	117.2
97	48.2	38.6	57.8
132	29.2	23.4	35.0



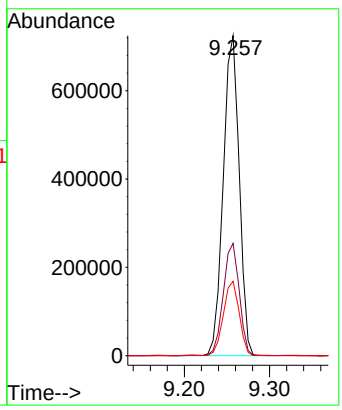


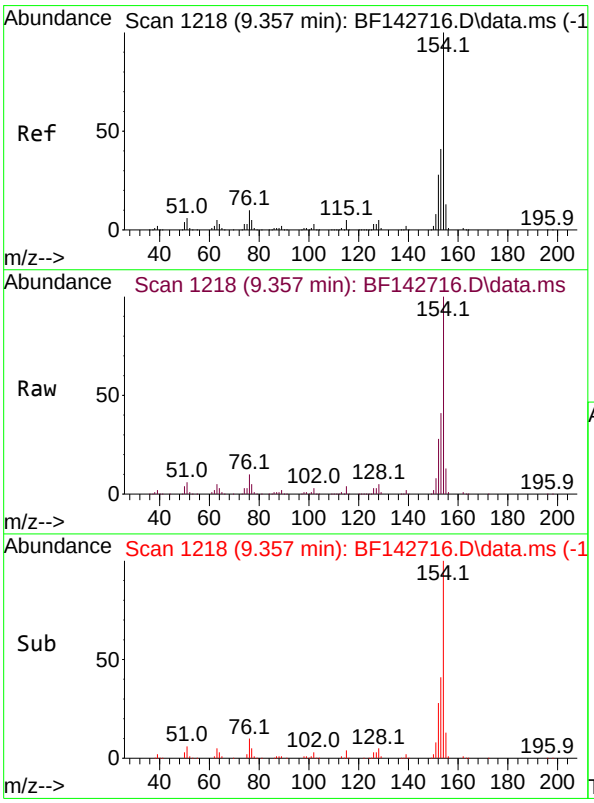
#45
2-Fluorobiphenyl
Concen: 78.457 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 943621

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.2	18.6	27.8

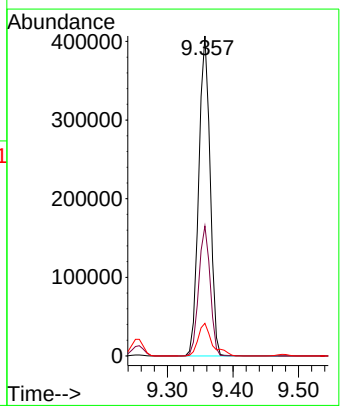


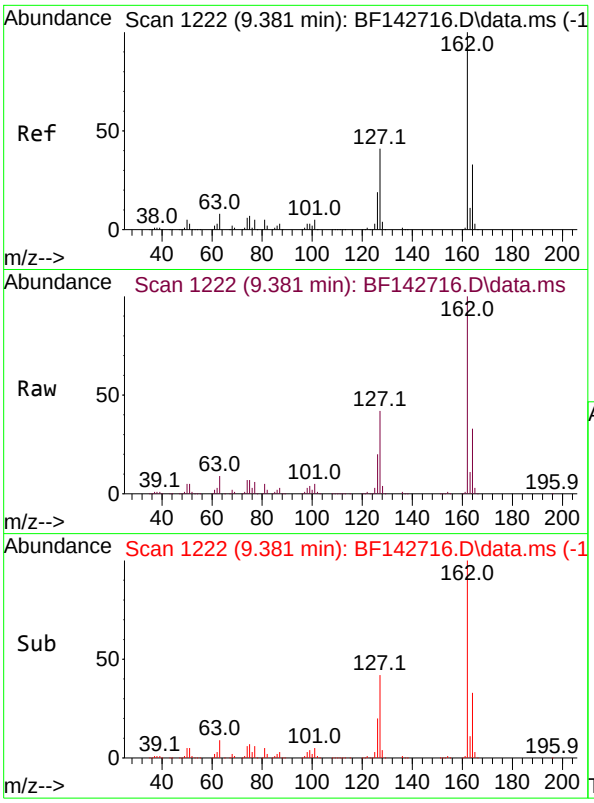


#46
1,1'-Biphenyl
Concen: 38.741 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:154 Resp: 491843

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	10.2	0.0	30.2



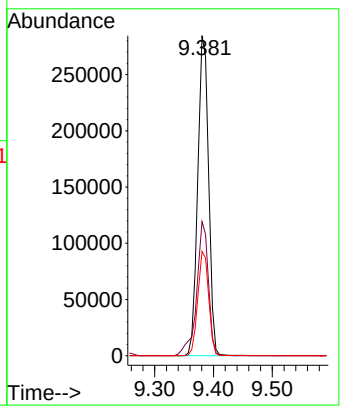


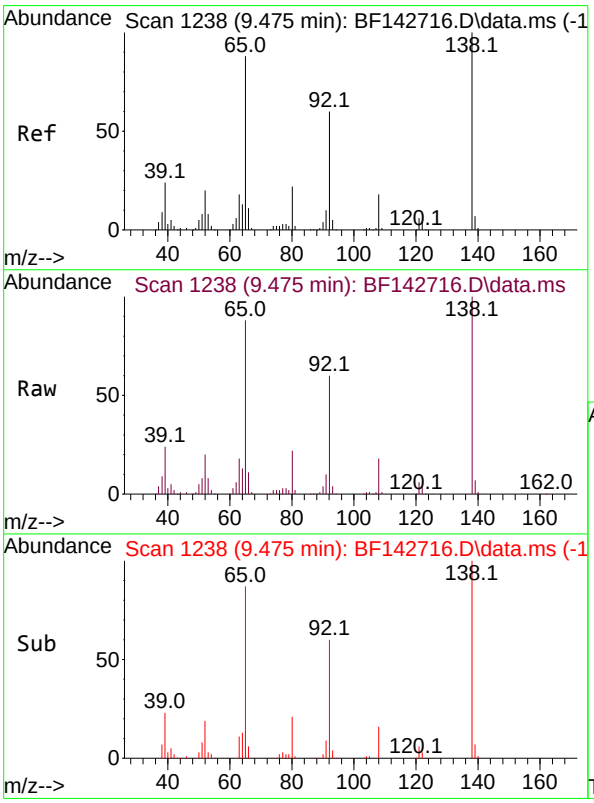
#47
2-Chloronaphthalene
Concen: 38.406 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 364779

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.5	50.3
164	32.6	26.1	39.1

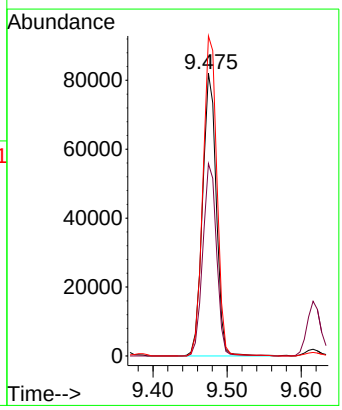


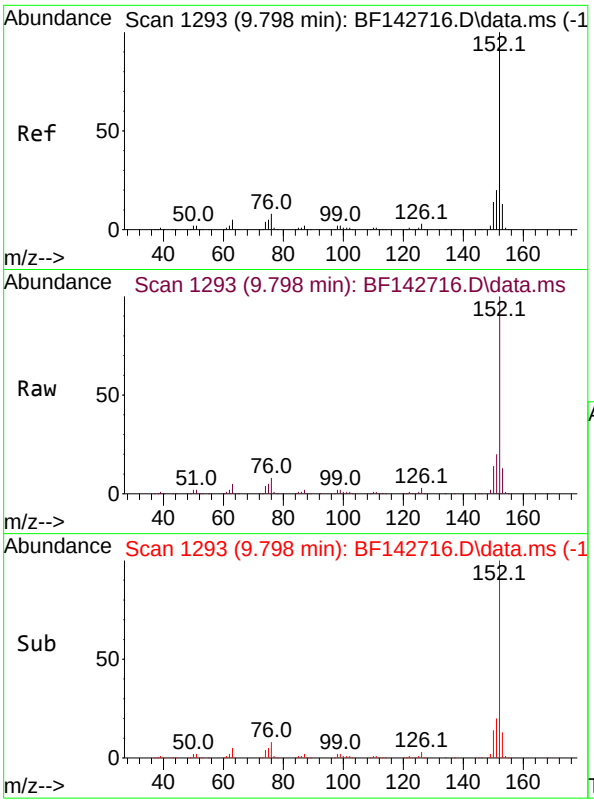


#48
2-Nitroaniline
Concen: 37.714 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion: 65 Resp: 105665

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.5	81.7
138	113.3	90.6	136.0



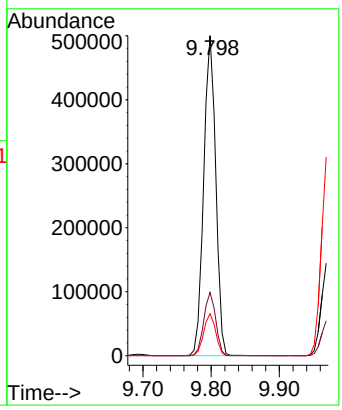


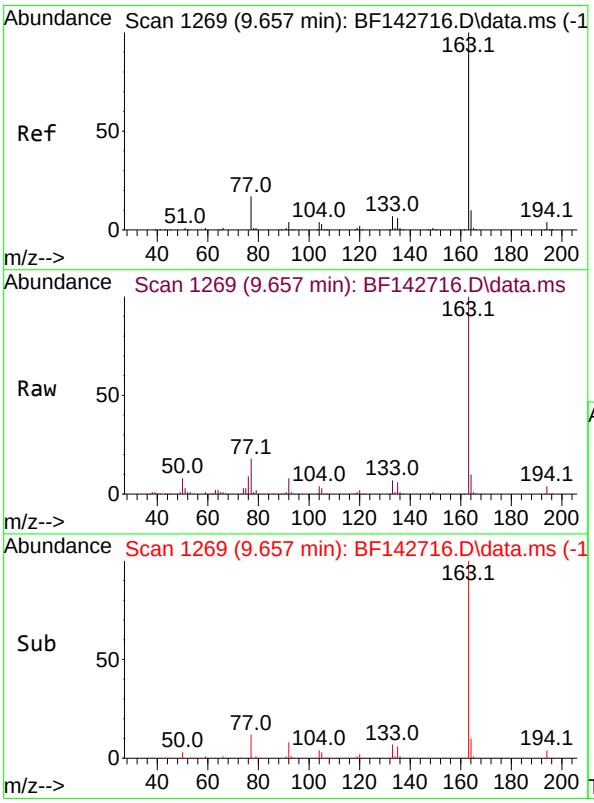
#49
Acenaphthylene
Concen: 38.988 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 614279

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.5	15.7

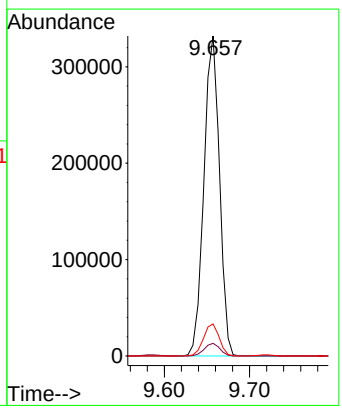


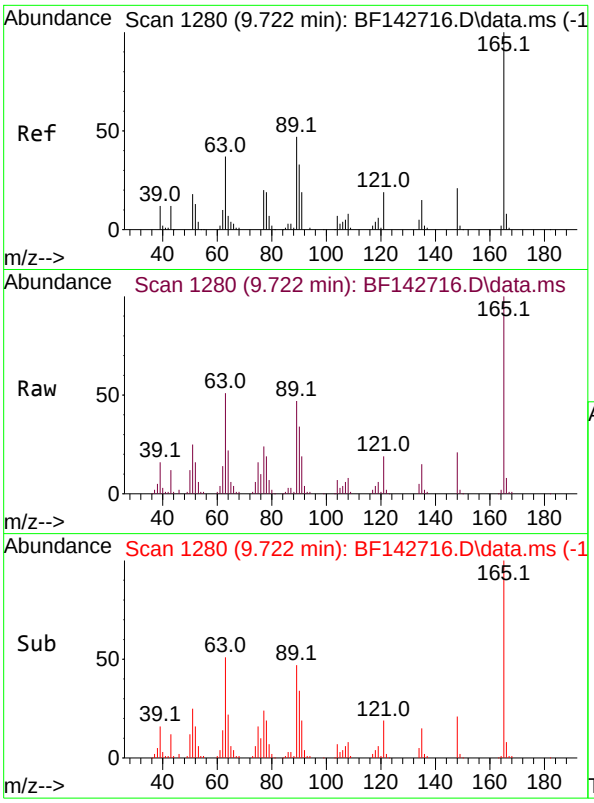


#50
Dimethylphthalate
Concen: 38.379 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:163 Resp: 421634

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.0	12.0



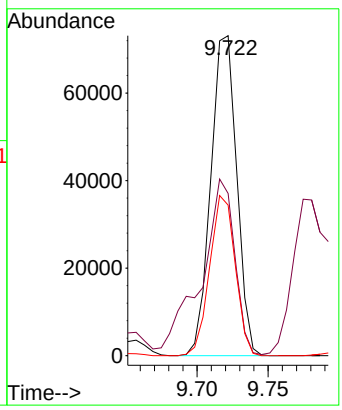


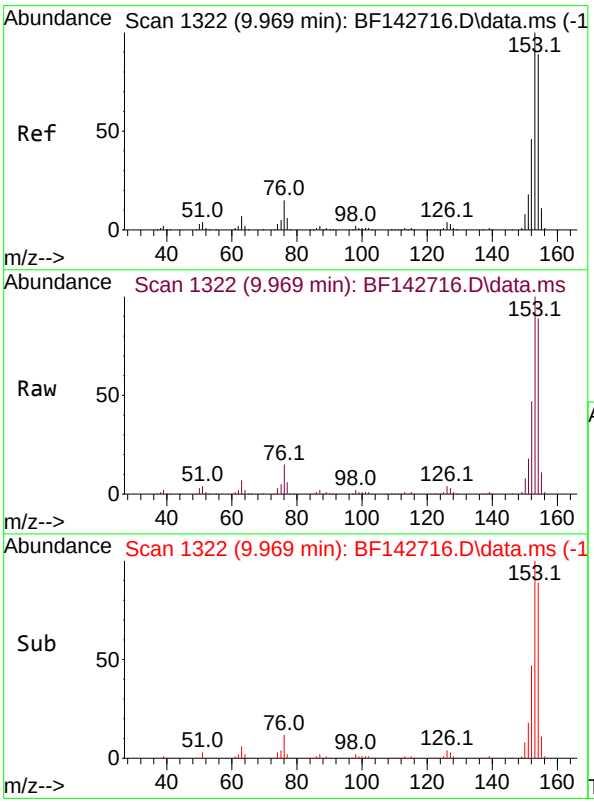
#51
2,6-Dinitrotoluene
Concen: 38.994 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 92988

Ion	Ratio	Lower	Upper
165	100		
63	50.7	40.6	60.8
89	47.0	37.6	56.4

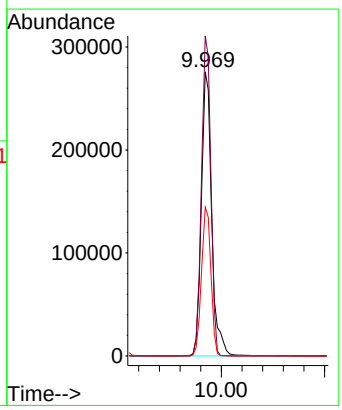


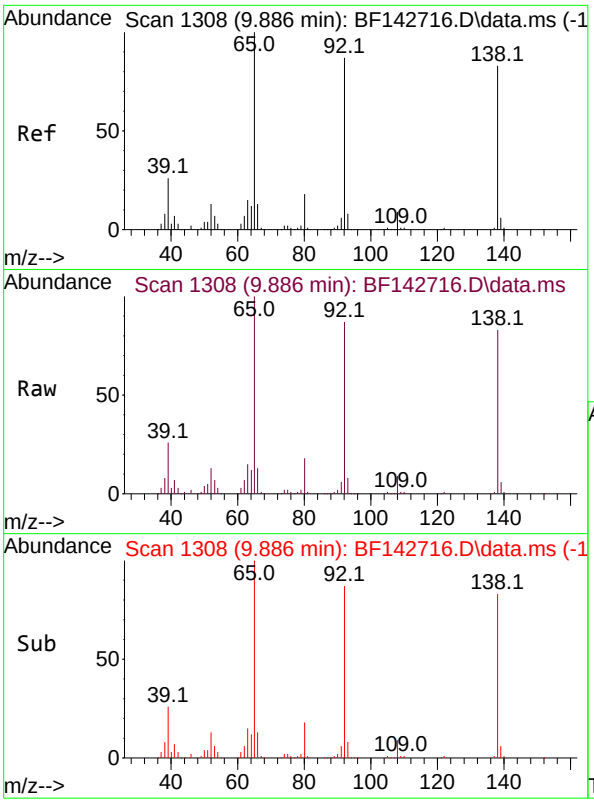


#52
Acenaphthene
Concen: 39.625 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:154 Resp: 382223

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	52.4	41.9	62.9



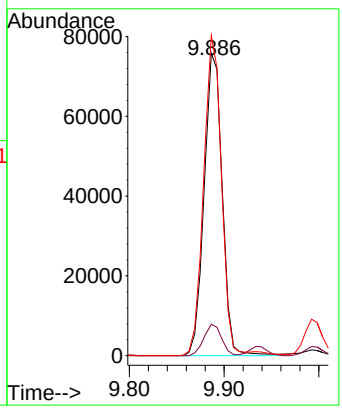


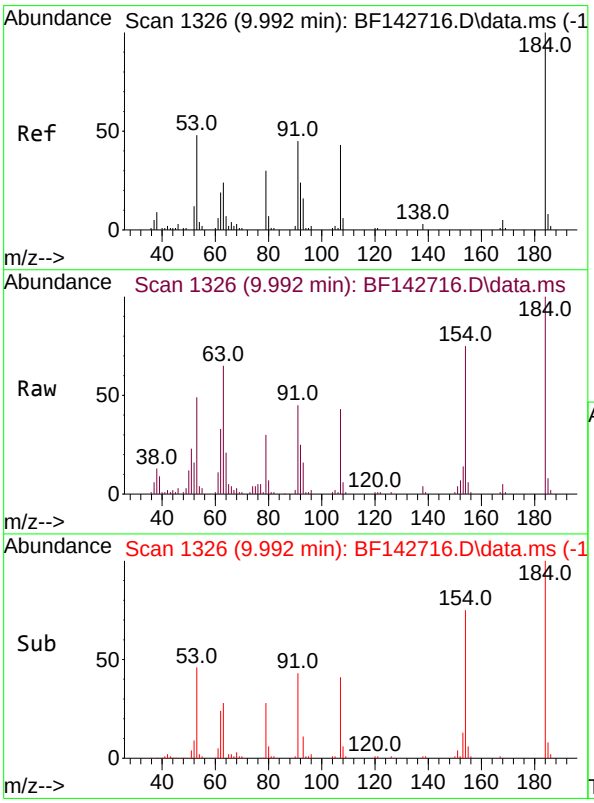
#53
3-Nitroaniline
Concen: 37.837 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 100380

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	105.8	84.6	127.0

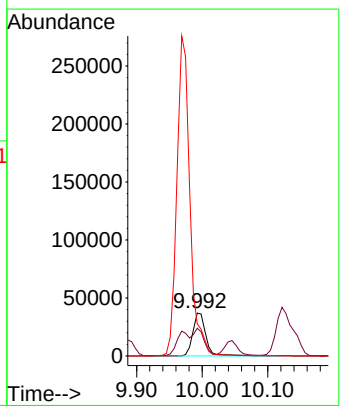


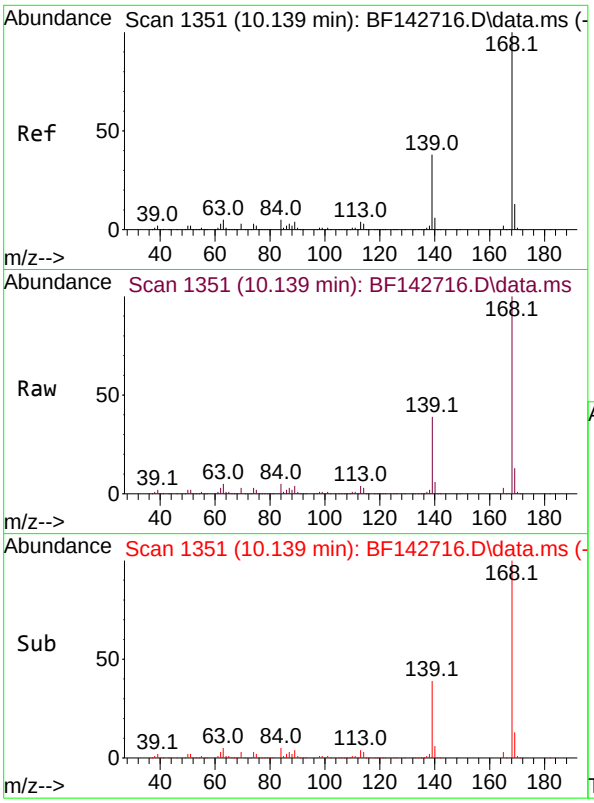


#54
2,4-Dinitrophenol
Concen: 39.175 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:184 Resp: 51262

Ion	Ratio	Lower	Upper
184	100		
63	64.6	51.7	77.5
154	75.1	60.1	90.1



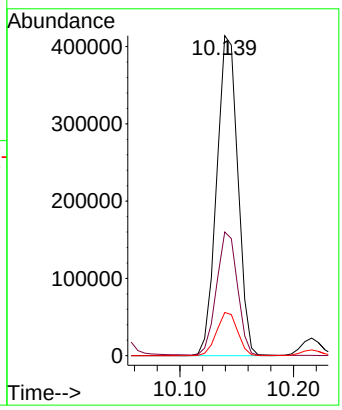


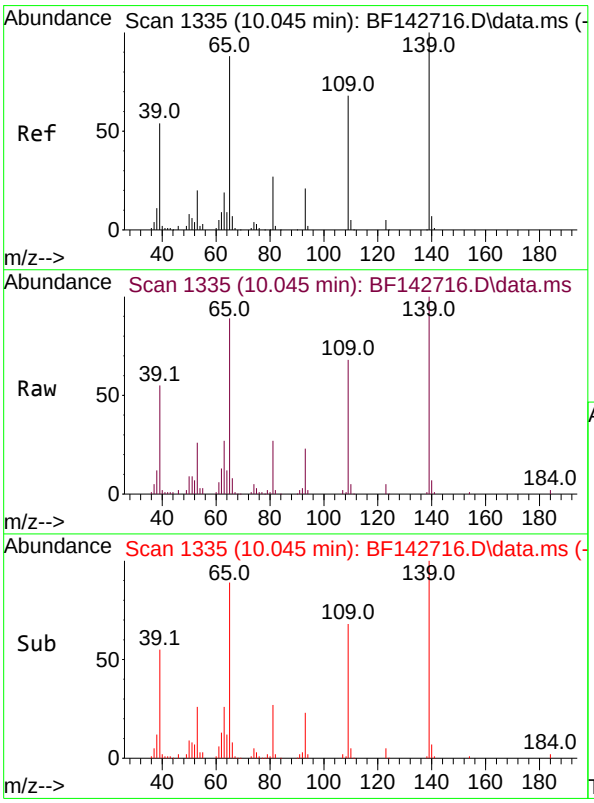
#55
Dibenzofuran
Concen: 38.781 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 536754

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.9	46.3
169	13.5	10.8	16.2

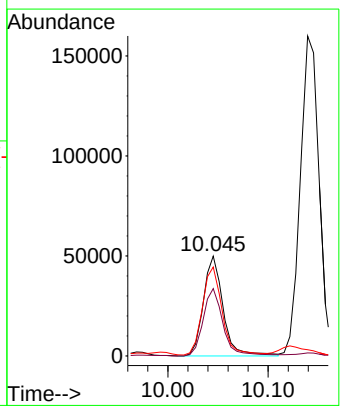


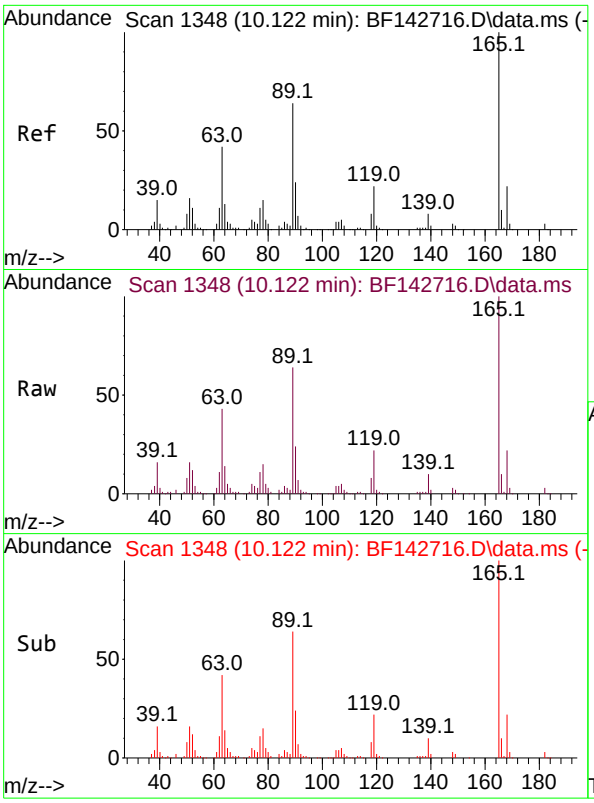


#56
4-Nitrophenol
Concen: 37.768 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:139 Resp: 68518

Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.5	87.5
65	89.2	69.2	109.2



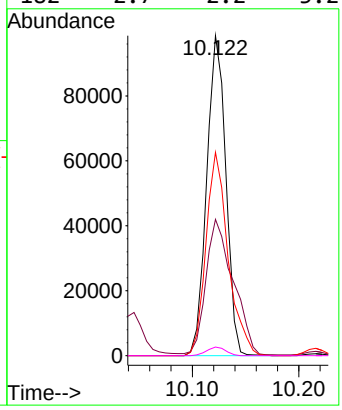


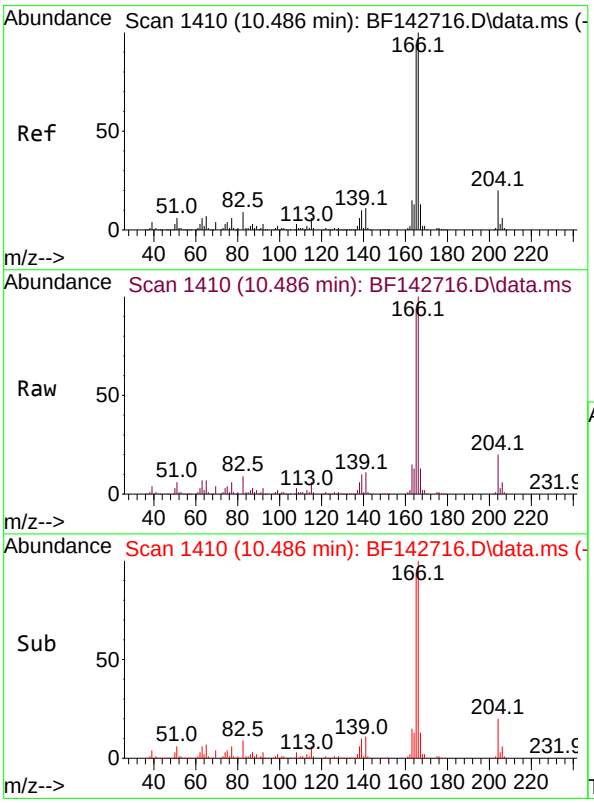
#57
2,4-Dinitrotoluene
Concen: 38.810 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 123171

Ion	Ratio	Lower	Upper
165	100		
63	42.6	34.1	51.1
89	63.5	50.8	76.2
182	2.7	2.2	3.2

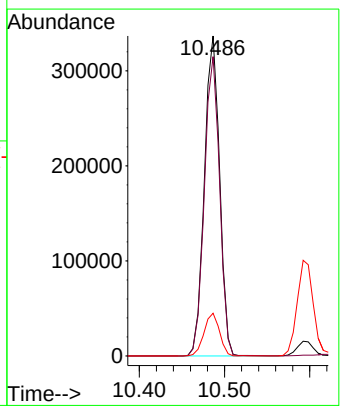


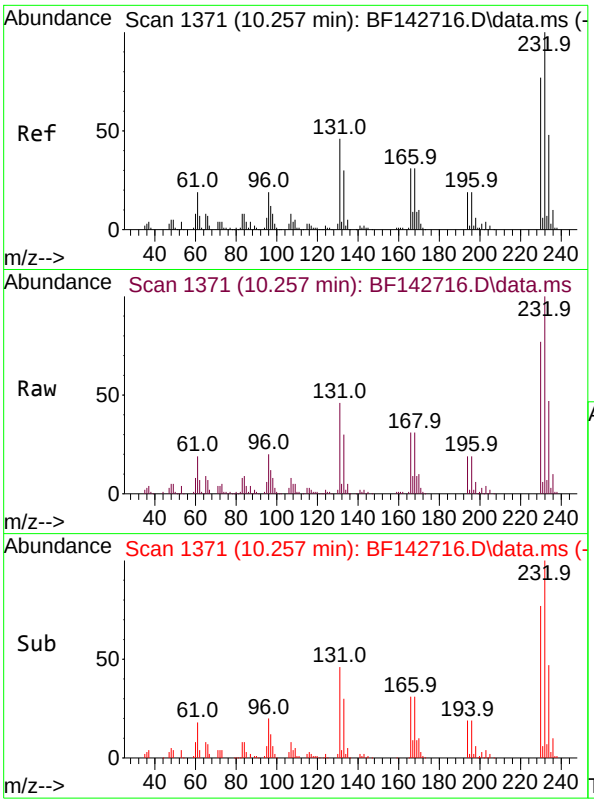


#58
Fluorene
Concen: 37.810 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:166 Resp: 417629

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.9	112.3
167	13.4	10.7	16.1



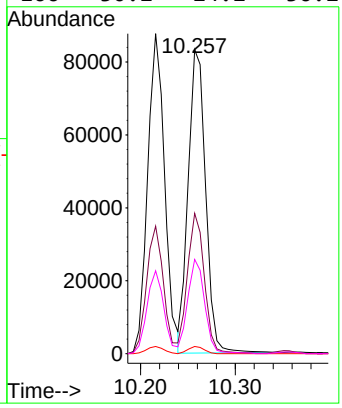


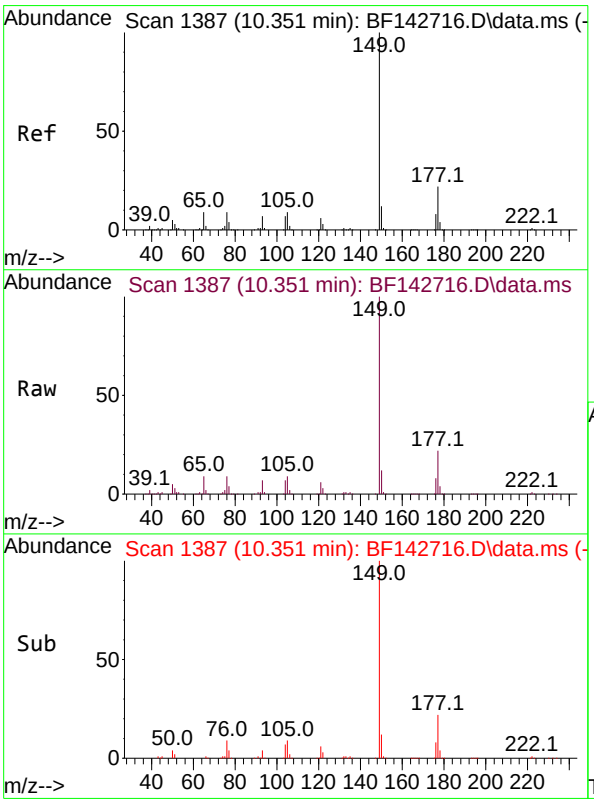
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.750 ng
RT: 10.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 106838

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.8	53.8
130	2.2	1.8	2.6
166	30.2	24.2	36.2

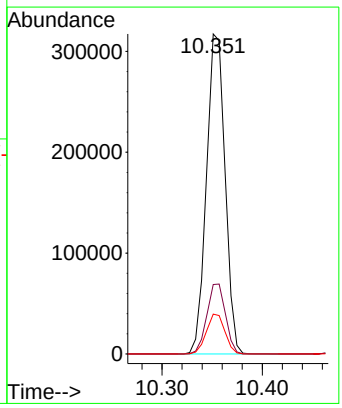


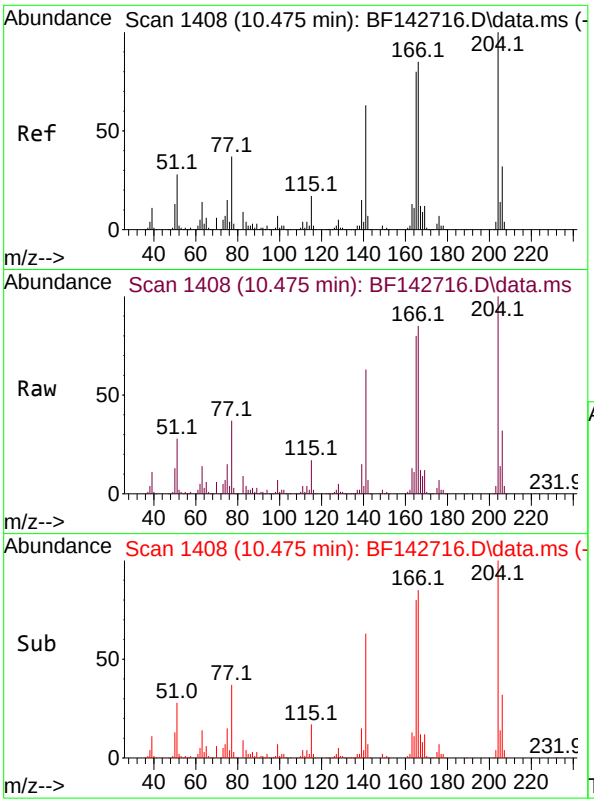


#60
Diethylphthalate
Concen: 38.395 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:149 Resp: 410385

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.5	10.0	15.0



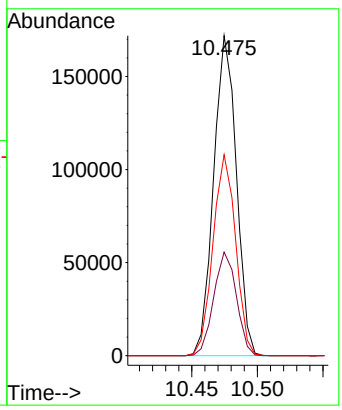


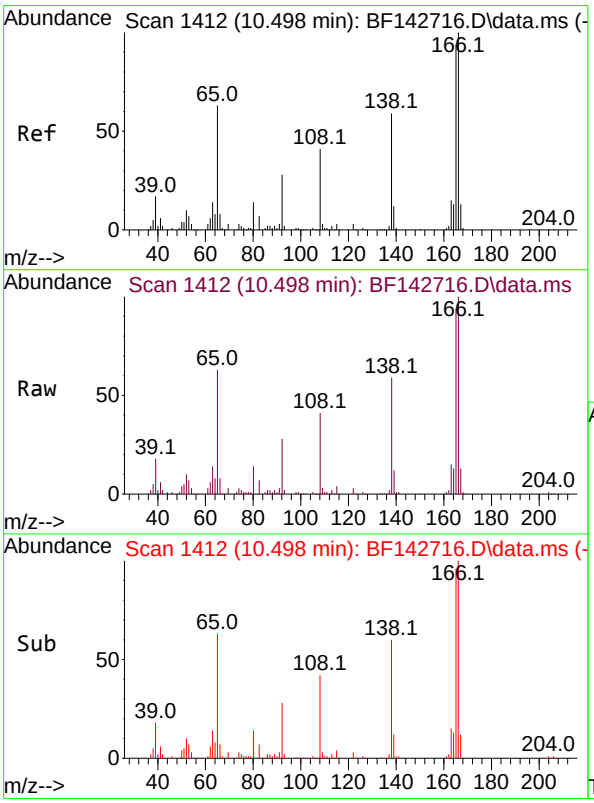
#61
4-Chlorophenyl-phenylether
Concen: 39.385 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 206812

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	62.8	50.2	75.4

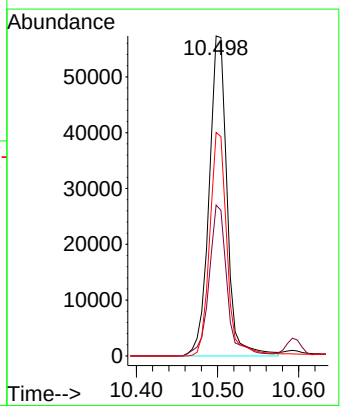


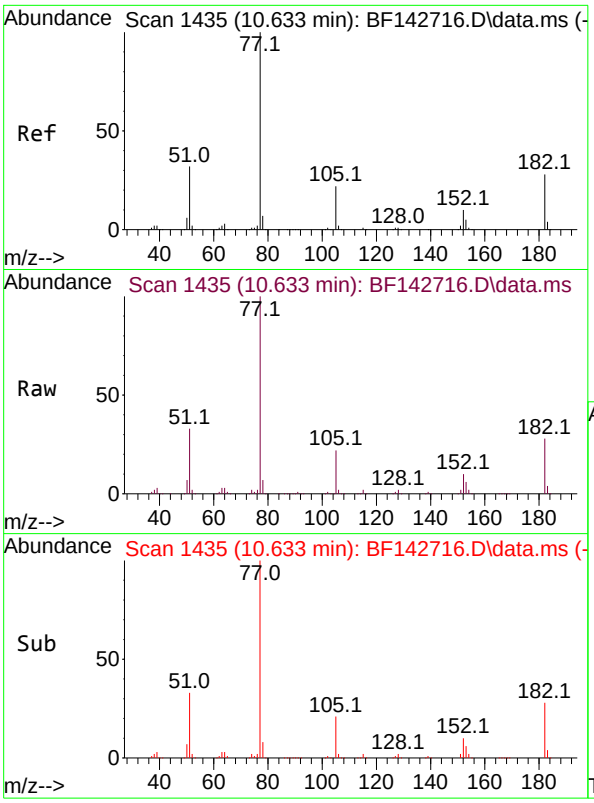


#62
4-Nitroaniline
Concen: 35.439 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:138 Resp: 88100

Ion	Ratio	Lower	Upper
138	100		
92	47.2	27.2	67.2
108	69.9	49.9	89.9



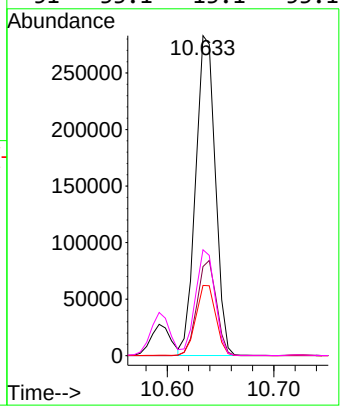


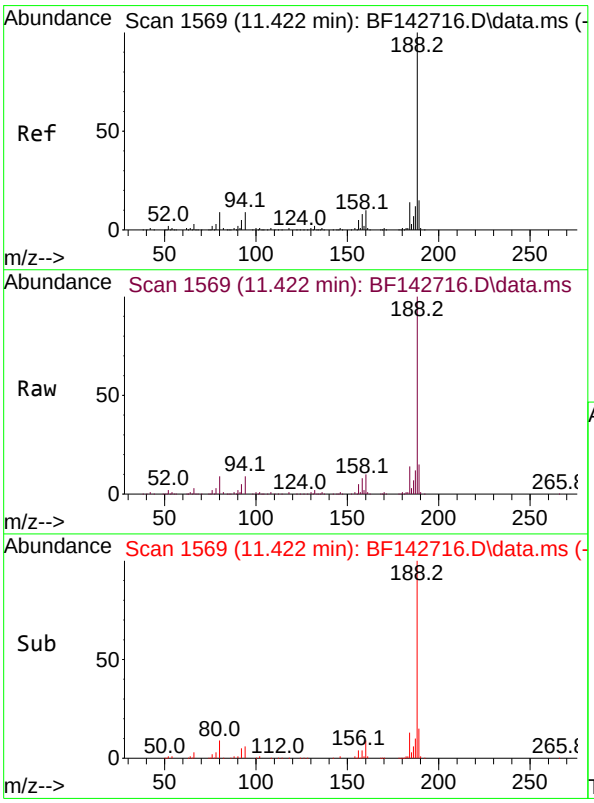
#63
Azobenzene
Concen: 38.029 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 364342

Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.8	47.8
105	21.9	1.9	41.9
51	33.1	13.1	53.1

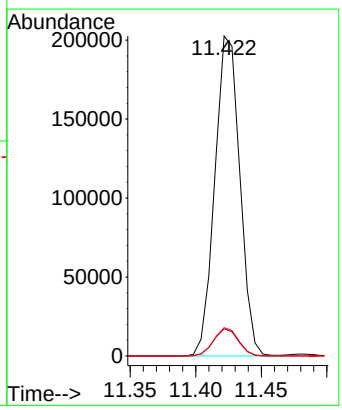


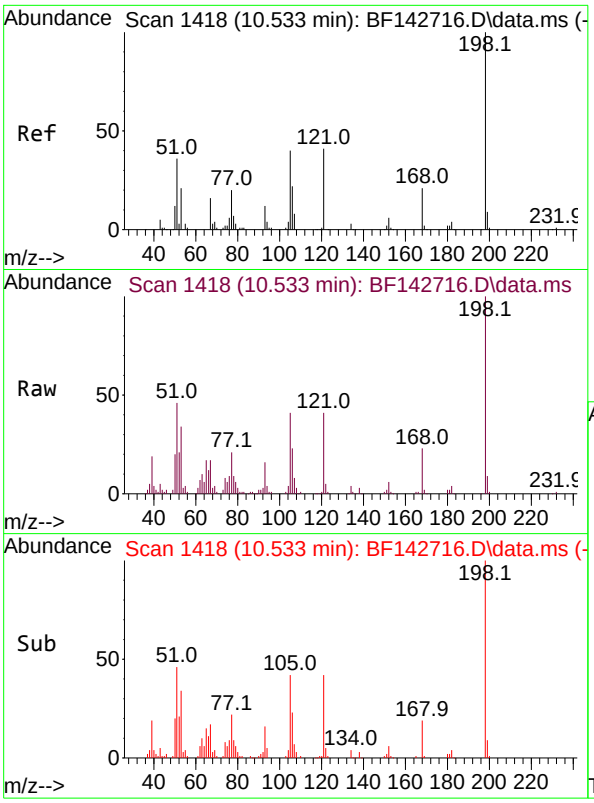


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:188 Resp: 268461

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.9	7.1	10.7



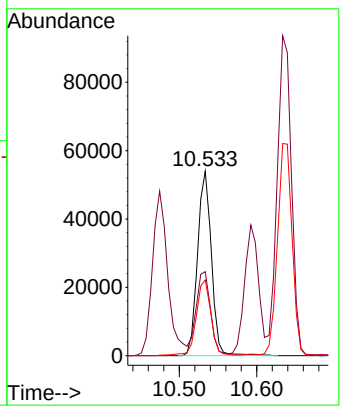


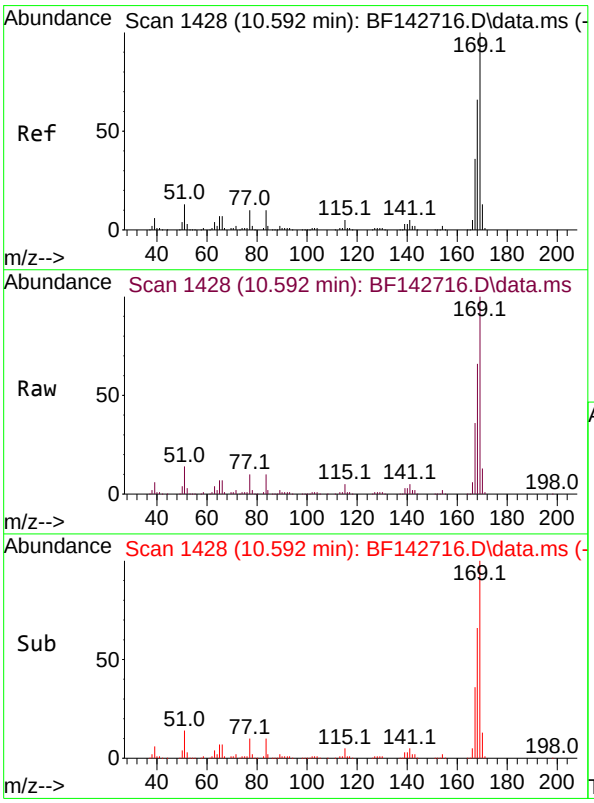
#65
4,6-Dinitro-2-methylphenol
Concen: 40.198 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 67116

Ion	Ratio	Lower	Upper
198	100		
51	45.5	25.5	65.5
105	41.1	21.1	61.1

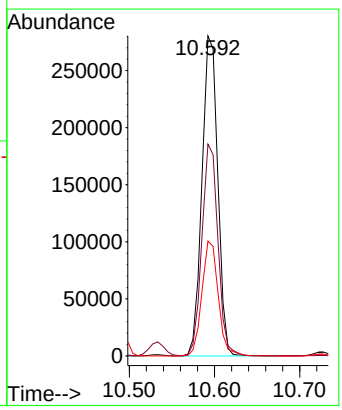


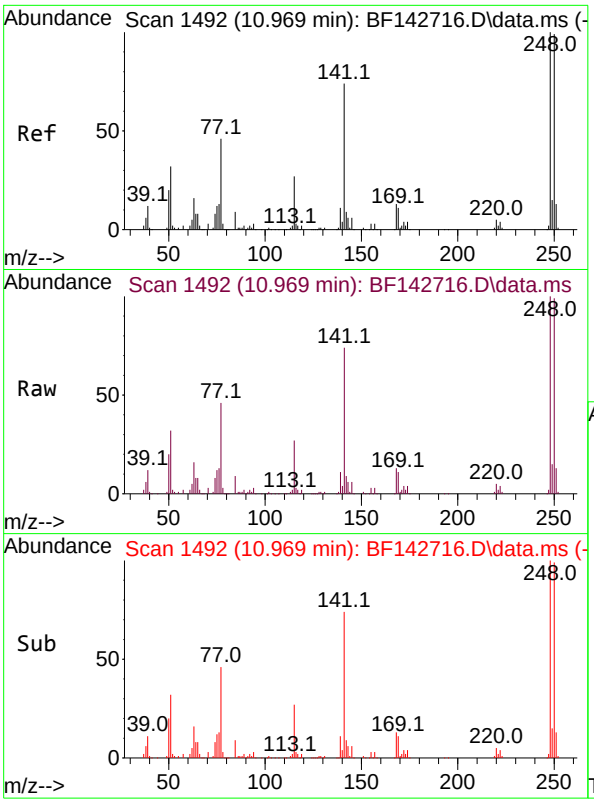


#66
n-Nitrosodiphenylamine
Concen: 41.670 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:169 Resp: 360849

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	35.9	28.7	43.1



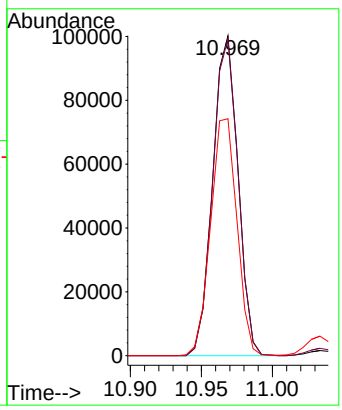


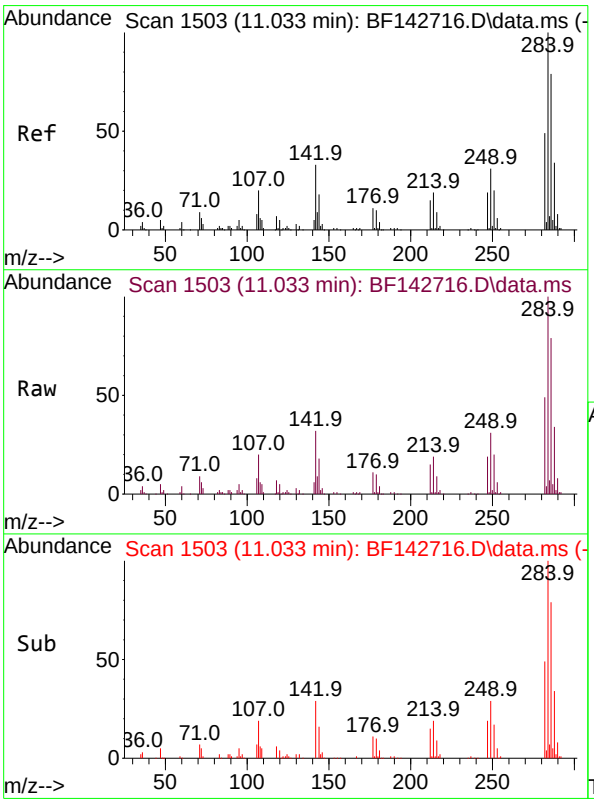
#67
4-Bromophenyl-phenylether
Concen: 41.764 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 124035

Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.2	118.8
141	74.1	59.3	88.9

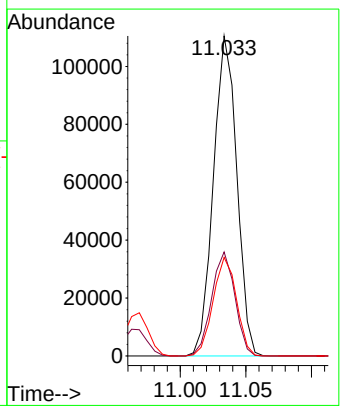


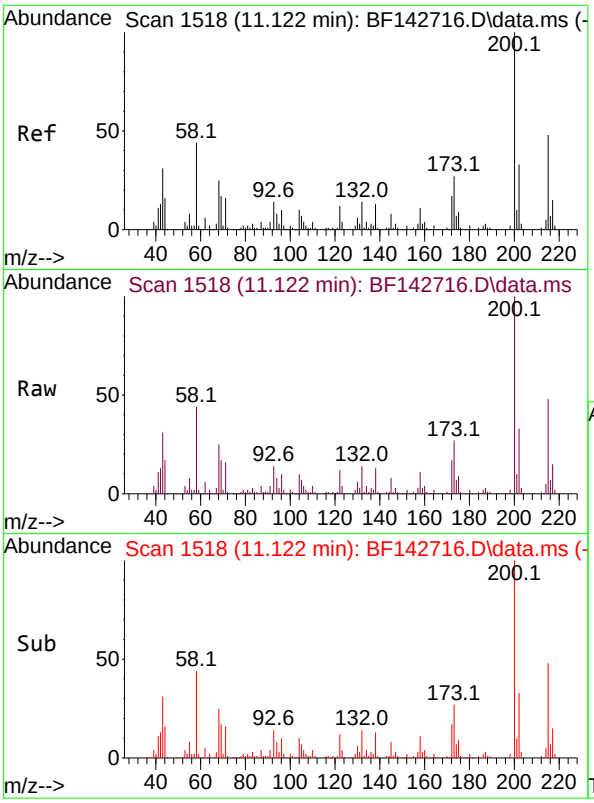


#68
Hexachlorobenzene
Concen: 40.378 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:284 Resp: 136924

Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.0	39.0
249	30.8	24.6	37.0



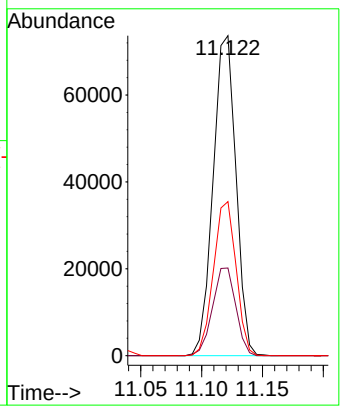


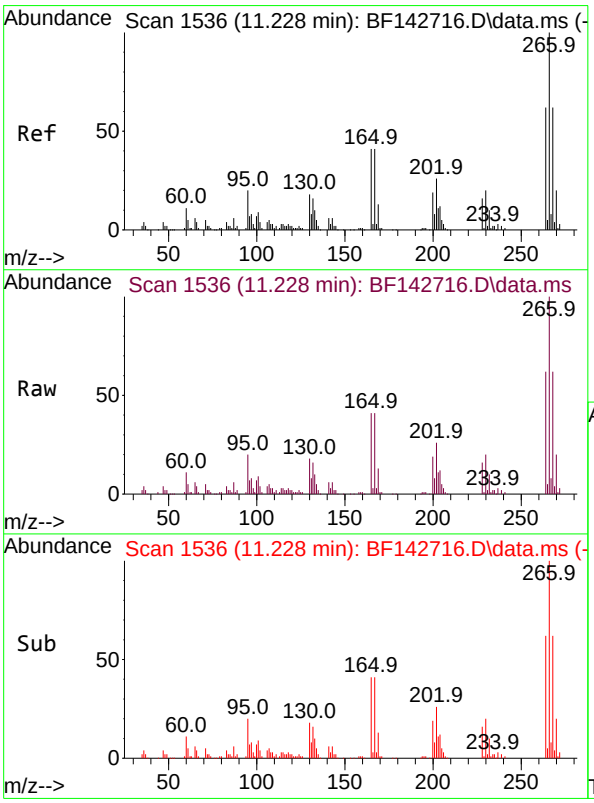
#69
Atrazine
Concen: 37.398 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 96297

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.2	28.2	68.2

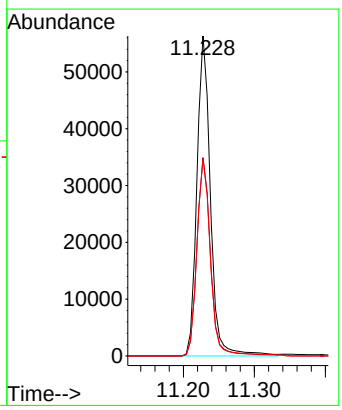


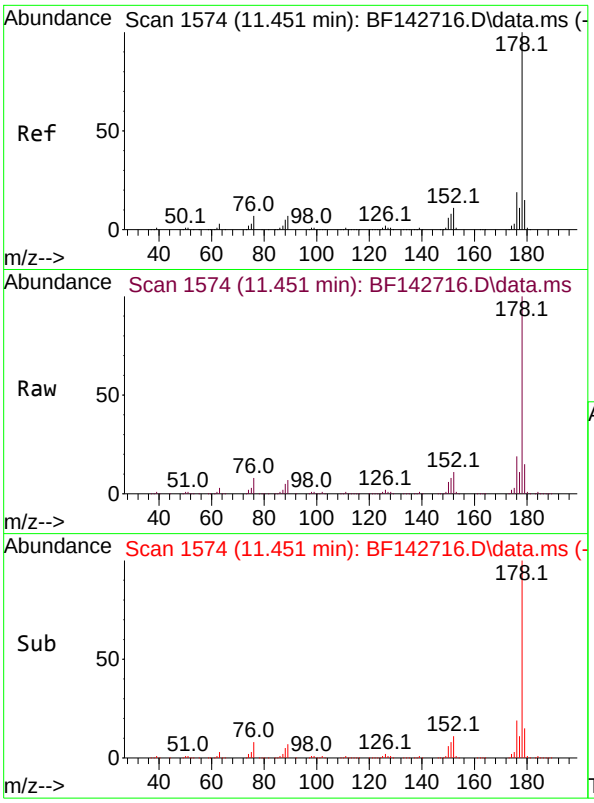


#70
Pentachlorophenol
Concen: 40.813 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:266 Resp: 74723

Ion	Ratio	Lower	Upper
266	100		
268	62.0	49.6	74.4
264	61.9	49.5	74.3



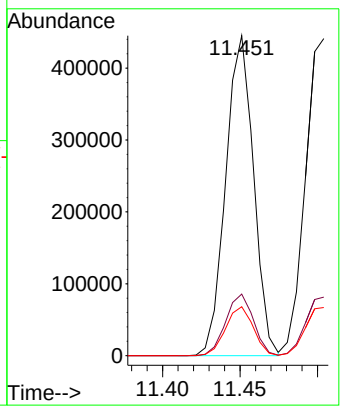


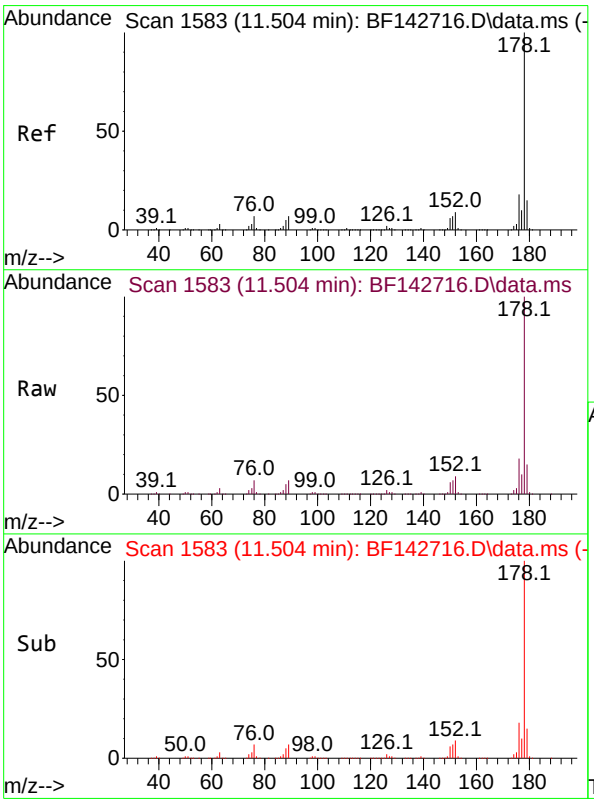
#71
Phenanthrene
Concen: 38.727 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 556097

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

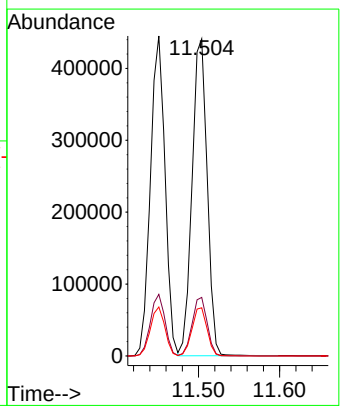


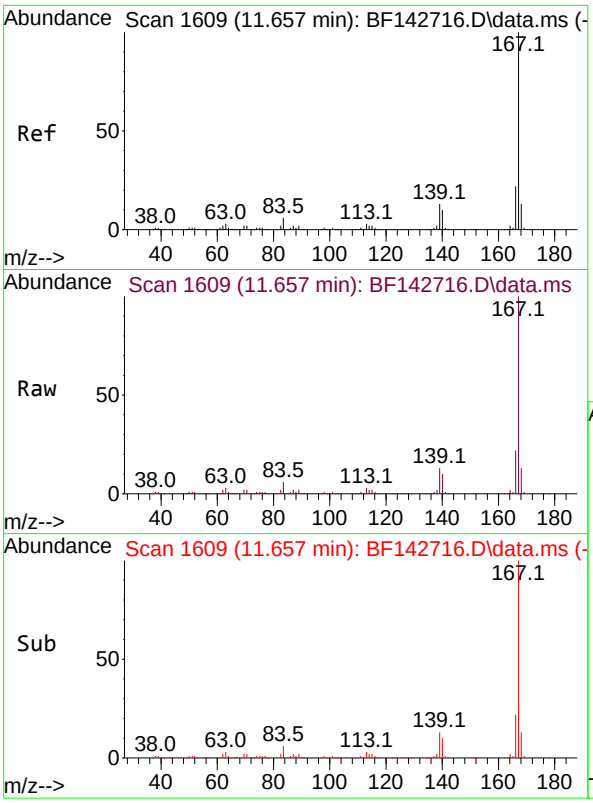


#72
Anthracene
Concen: 38.423 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:178 Resp: 571308

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.2



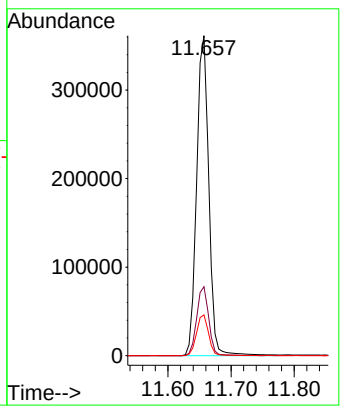


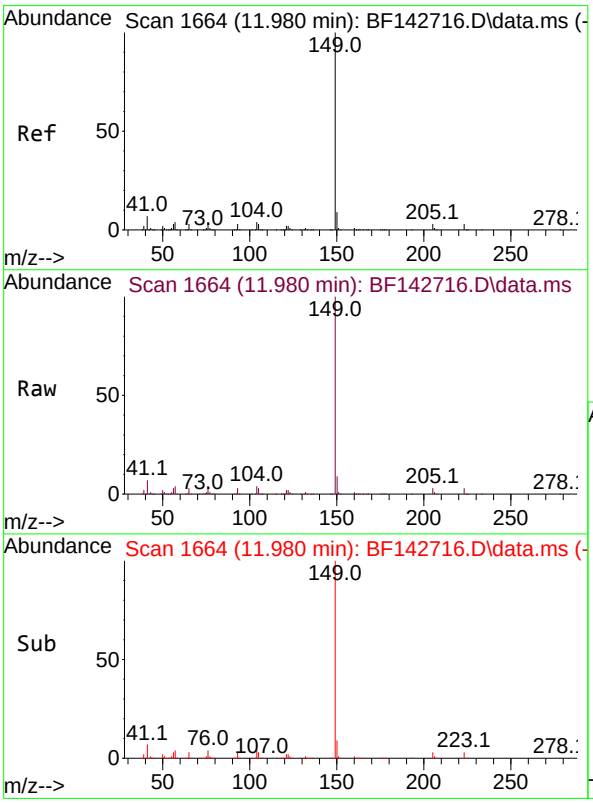
#73
Carbazole
Concen: 36.505 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 482150

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.8	10.2	15.4

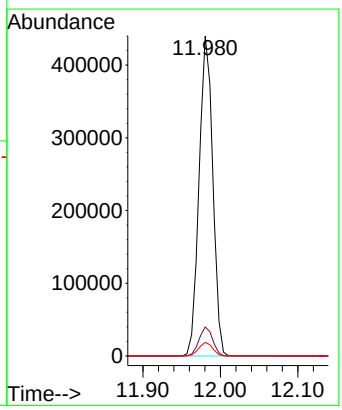


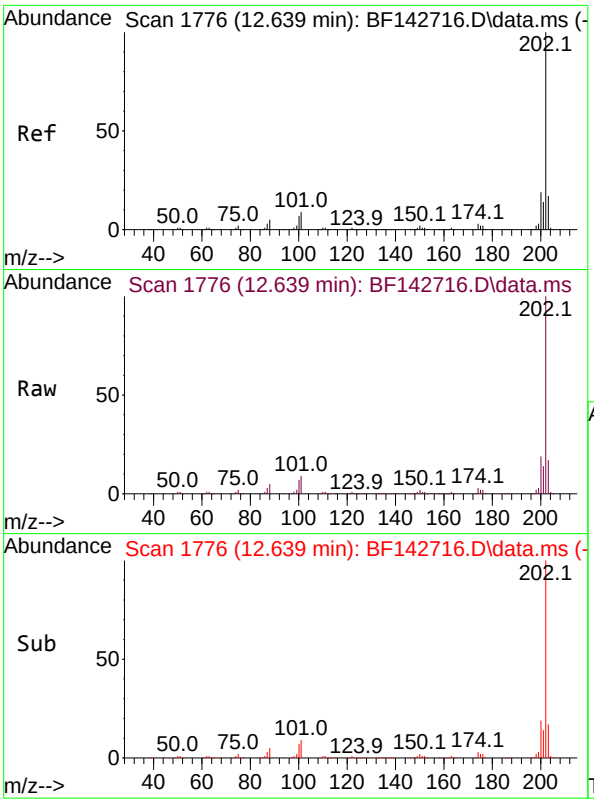


#74
Di-n-butylphthalate
Concen: 38.619 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:149 Resp: 539816

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.3	3.4	5.2



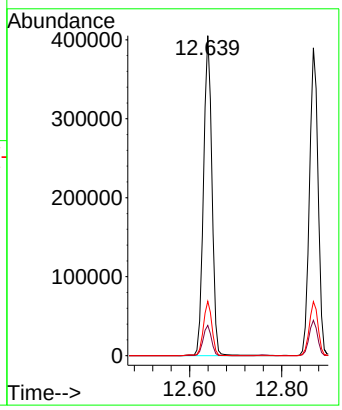


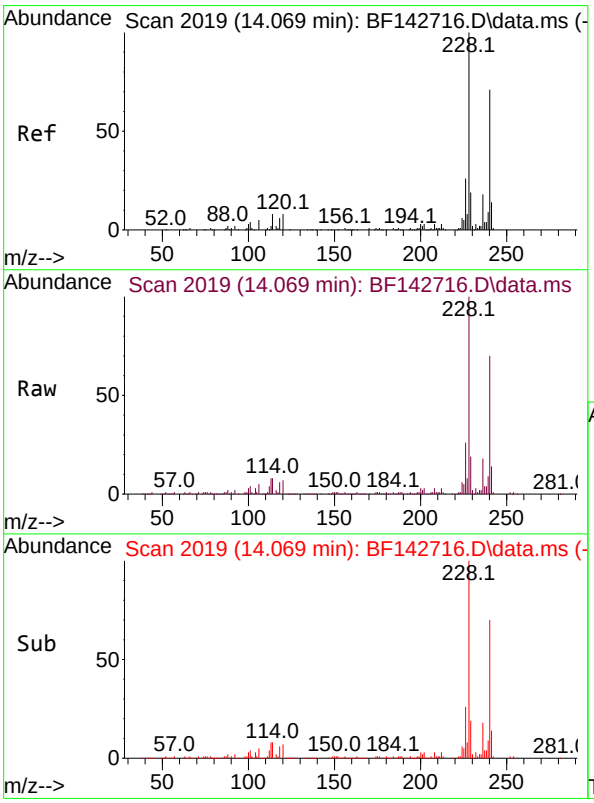
#75
Fluoranthene
Concen: 37.088 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 517975

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.5
203	17.0	0.0	37.0

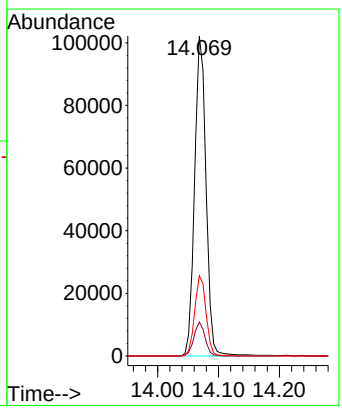


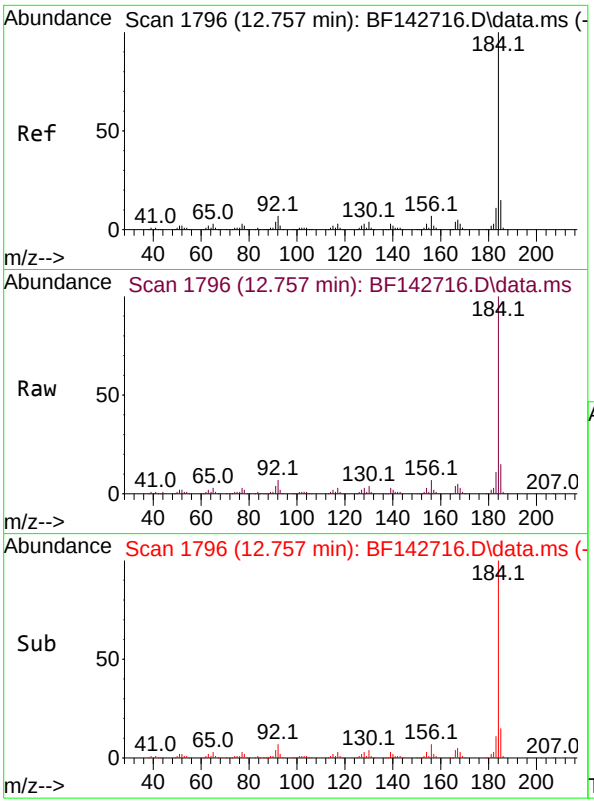


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:240 Resp: 133388

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.5	12.7
236	25.1	20.1	30.1



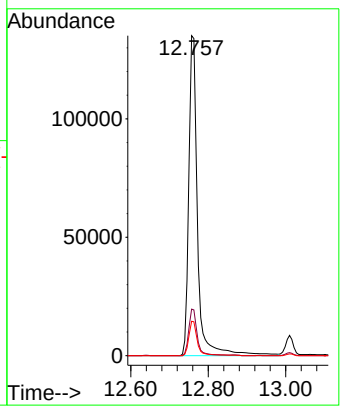


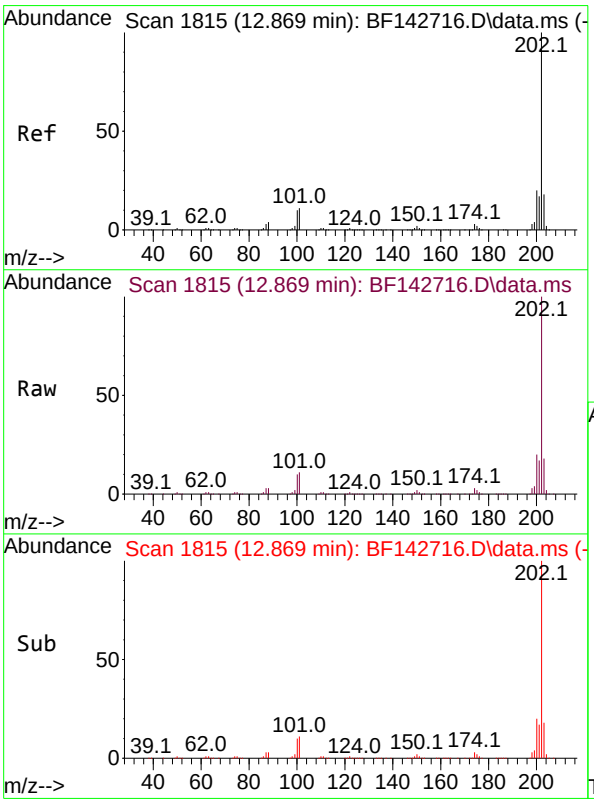
#77
Benzidine
Concen: 45.507 ng
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 213108

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	10.7	8.6	12.8

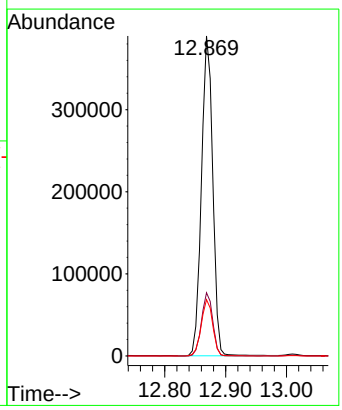


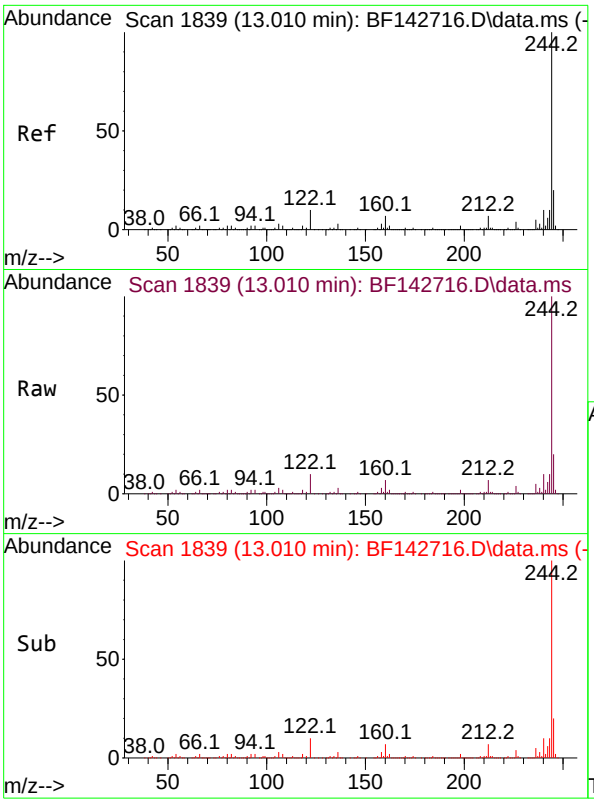


#78
Pyrene
Concen: 44.596 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:202 Resp: 502445

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.6	14.1	21.1



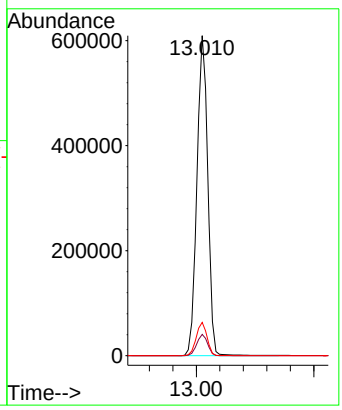


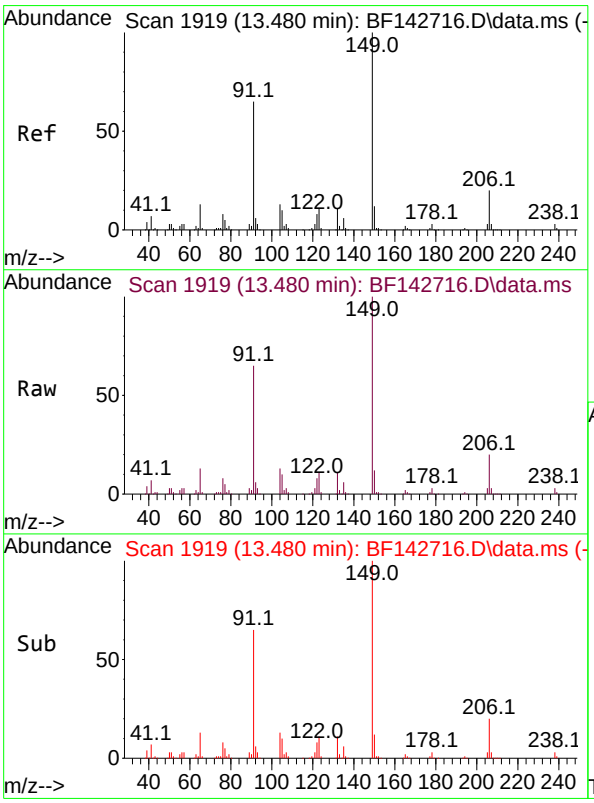
#79
Terphenyl-d14
Concen: 88.822 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 779955

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	8.3	12.5

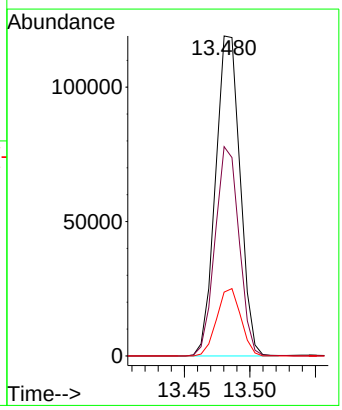


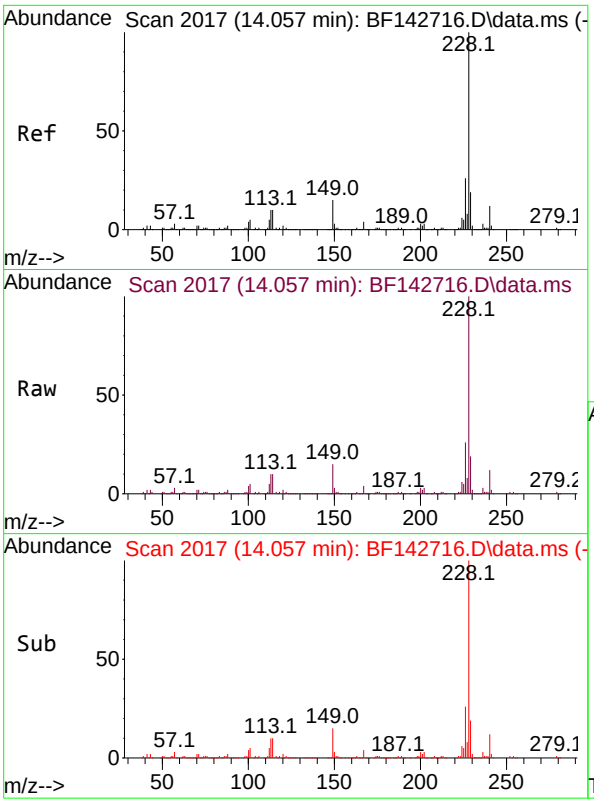


#80
Butylbenzylphthalate
Concen: 45.024 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:149 Resp: 154927

Ion	Ratio	Lower	Upper
149	100		
91	65.4	52.3	78.5
206	20.0	16.0	24.0



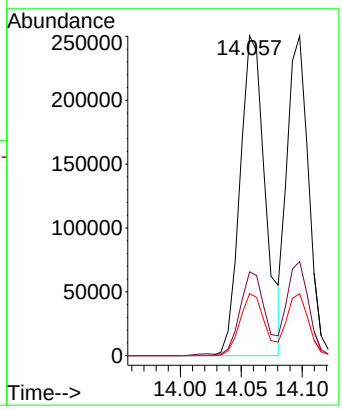


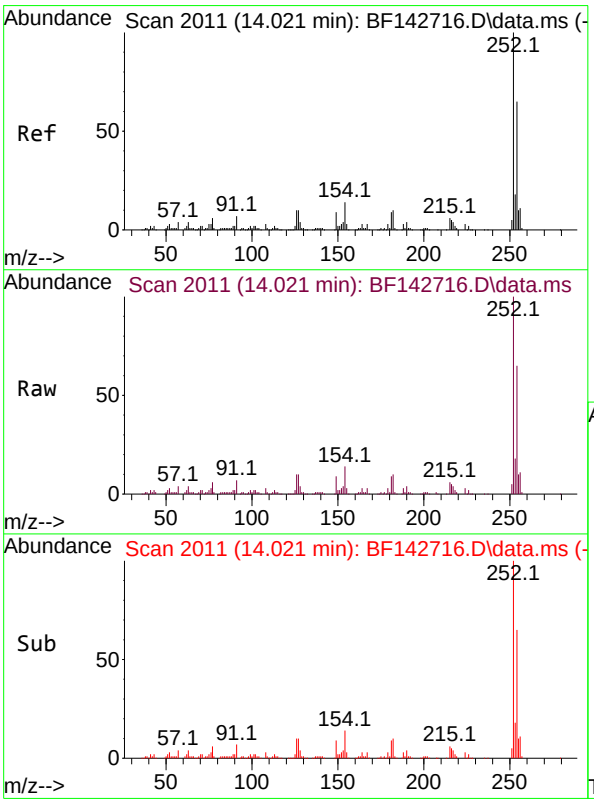
#81
Benzo(a)anthracene
Concen: 41.315 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 360111

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	19.4	15.5	23.3

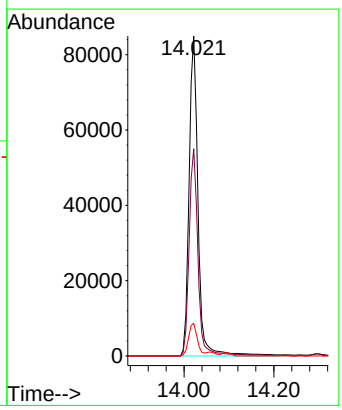


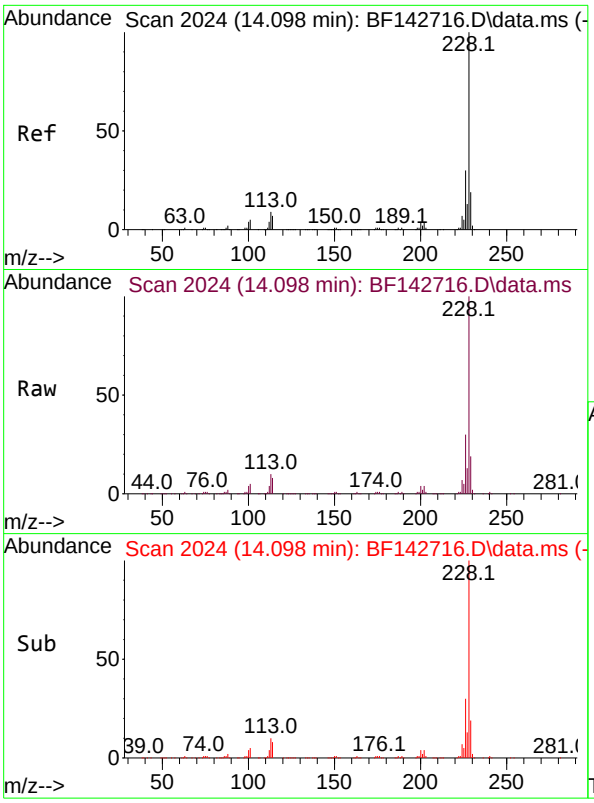


#82
3,3'-Dichlorobenzidine
Concen: 42.304 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:252 Resp: 117827

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	10.1	8.1	12.1



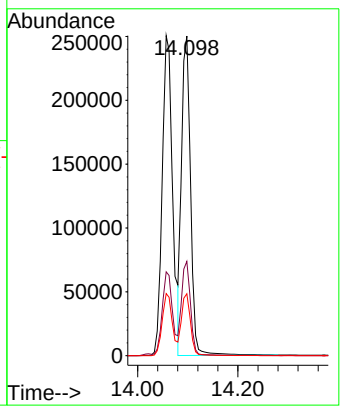


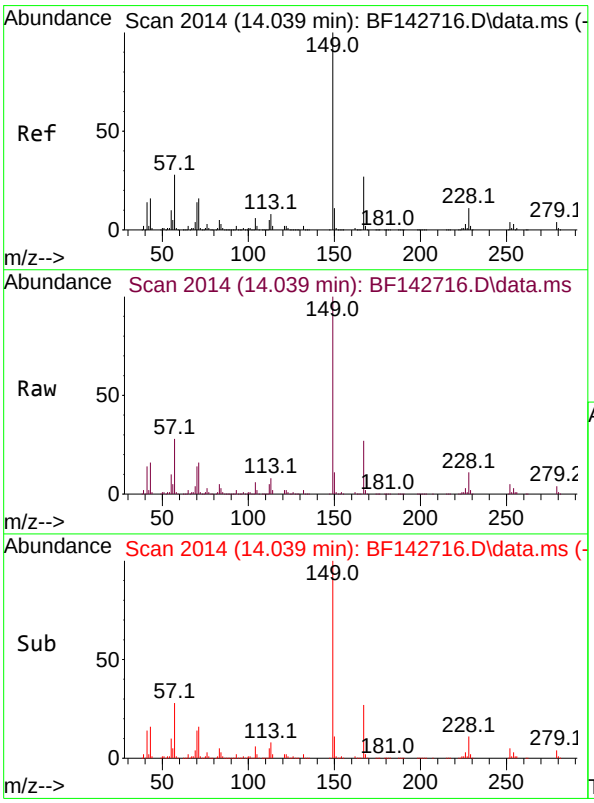
#83
Chrysene
Concen: 38.265 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 312740

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	19.4	15.5	23.3

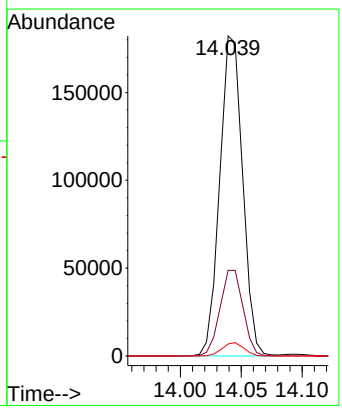


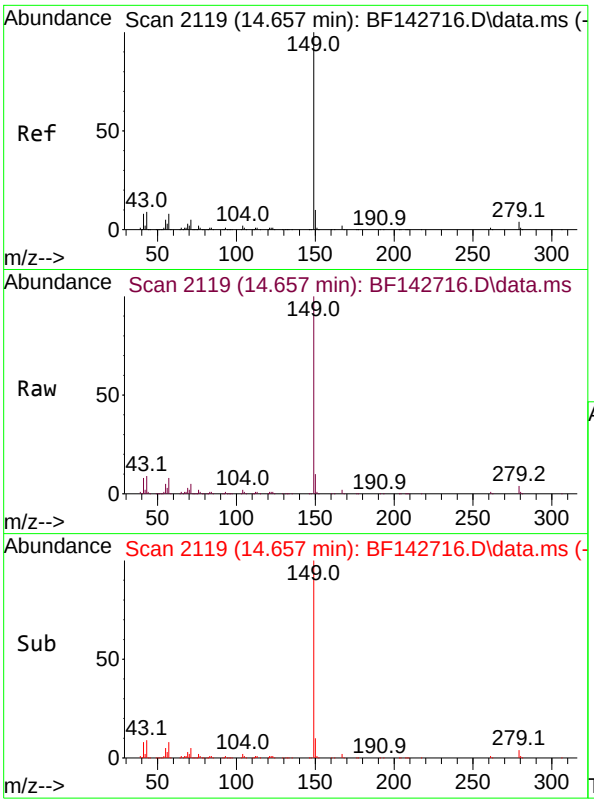


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.180 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:149 Resp: 238704

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	3.7	3.0	4.4



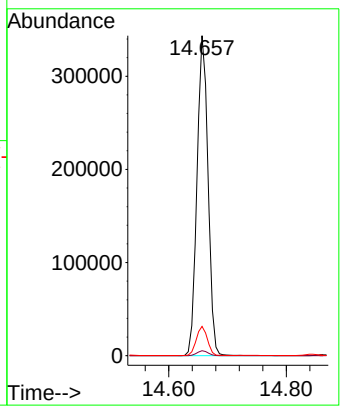


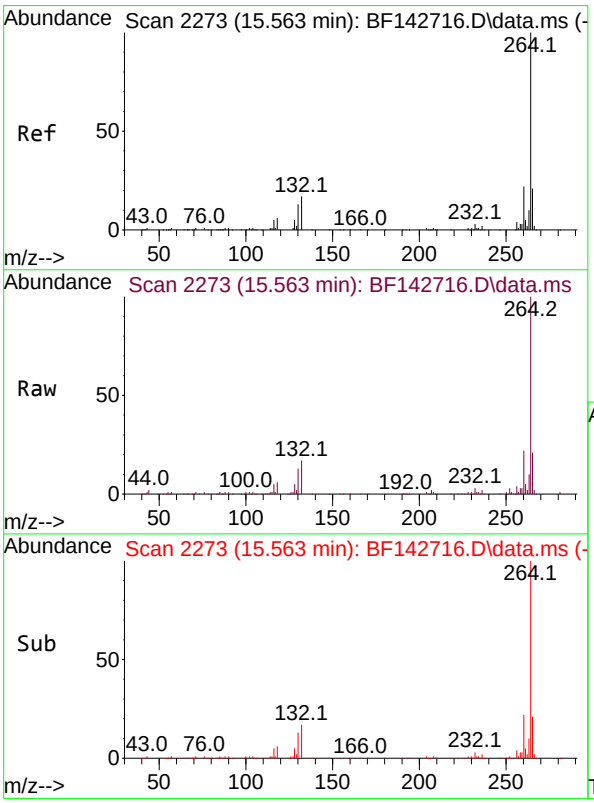
#85
Di-n-octyl phthalate
Concen: 55.357 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 447326

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.3	10.9

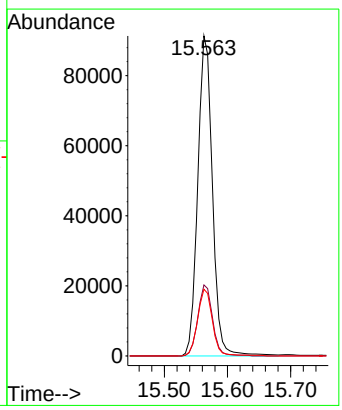


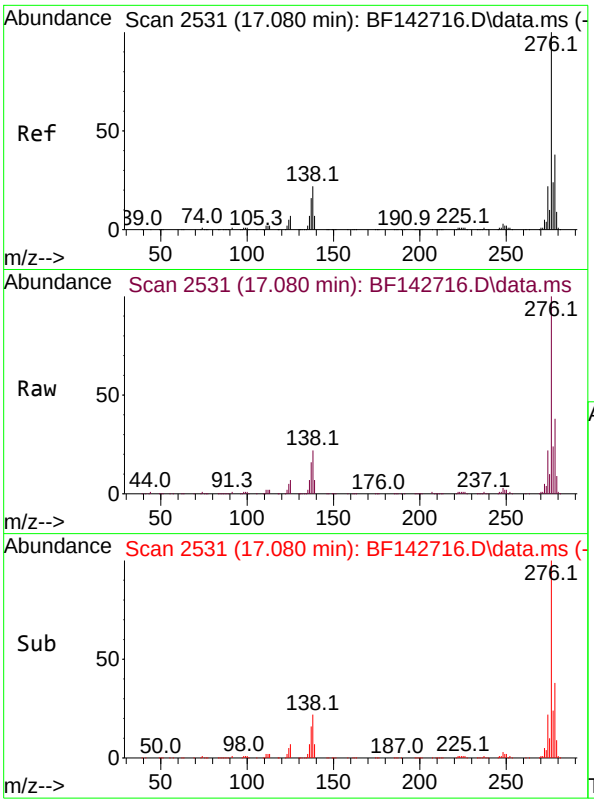


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:264 Resp: 147260

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.6
265	20.8	16.6	25.0



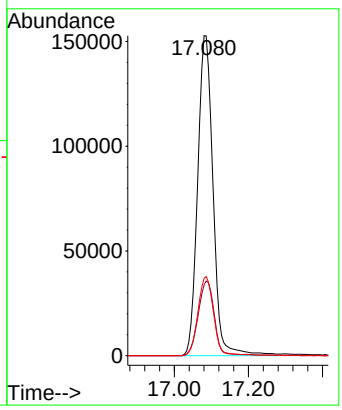


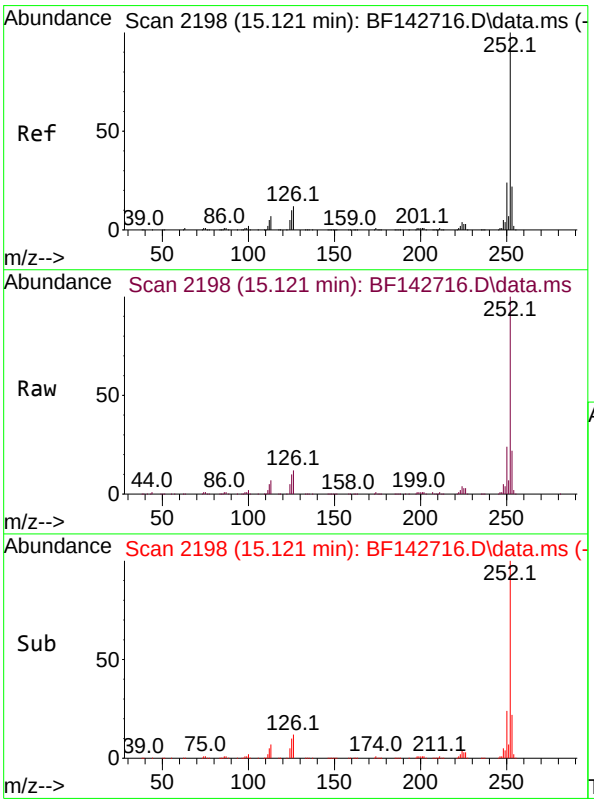
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.002 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 441110

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.2	20.2	30.2

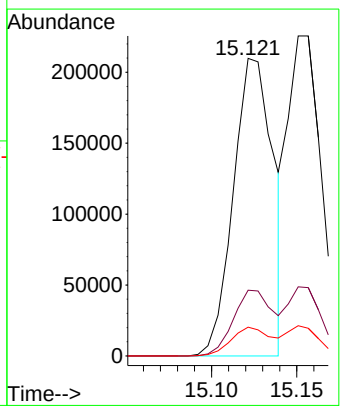


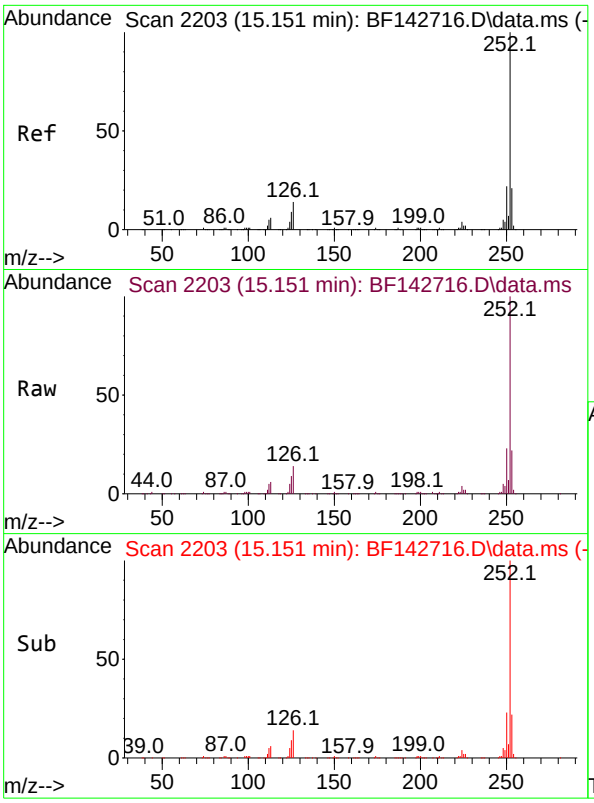


#88
Benzo(b)fluoranthene
Concen: 38.786 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:252 Resp: 342318

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	7.8	11.6



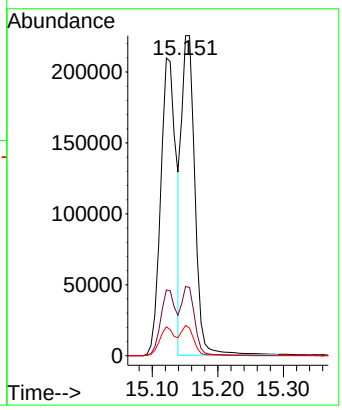


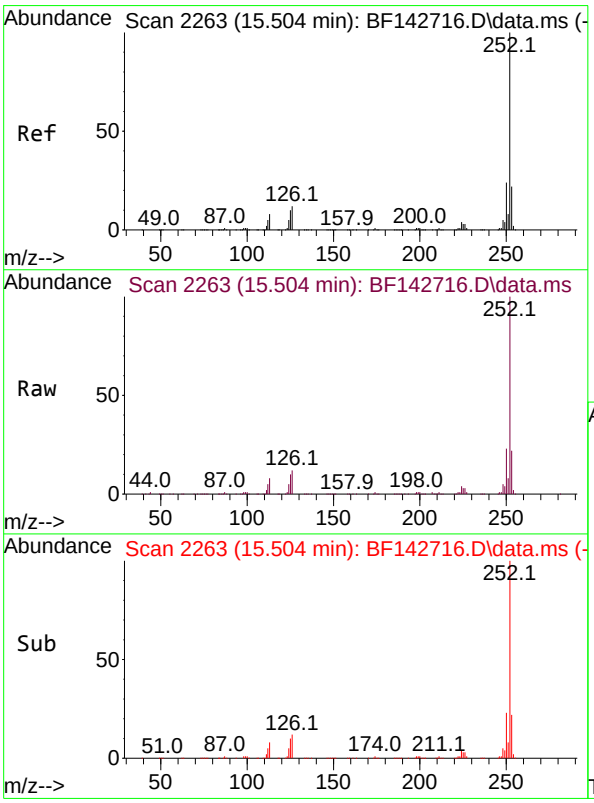
#89
Benzo(k)fluoranthene
Concen: 38.803 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 316796

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.4	7.5	11.3

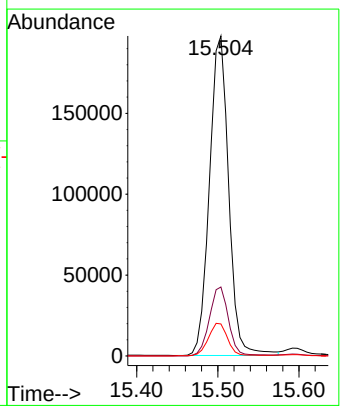


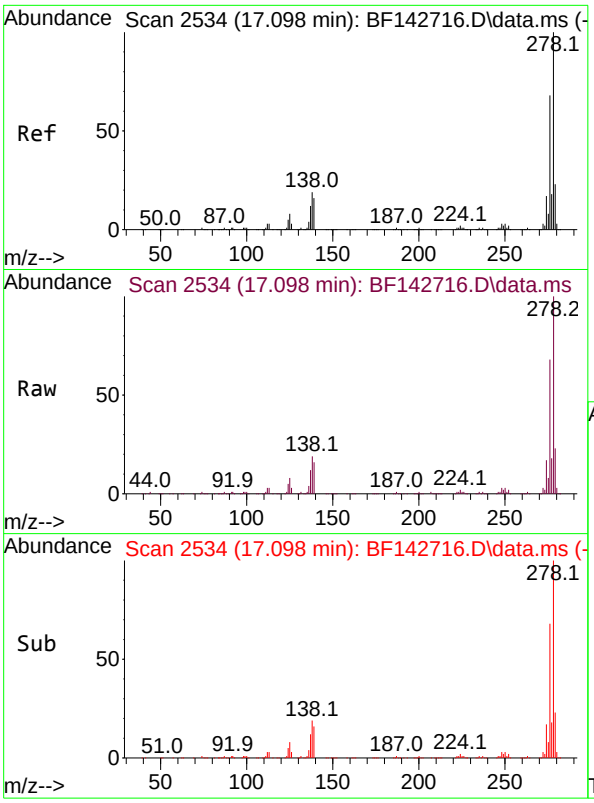


#90
Benzo(a)pyrene
Concen: 39.436 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:252 Resp: 325150

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.0	8.0	12.0



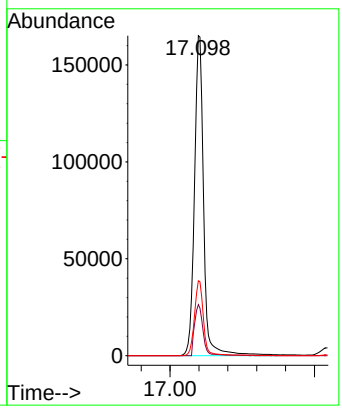


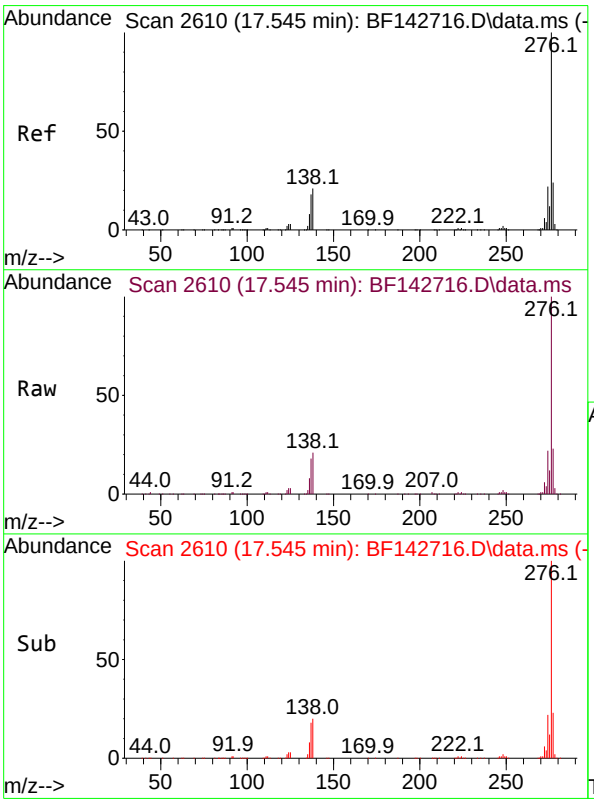
#91
Dibenzo(a,h)anthracene
Concen: 42.834 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 364050

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.4	18.7	28.1

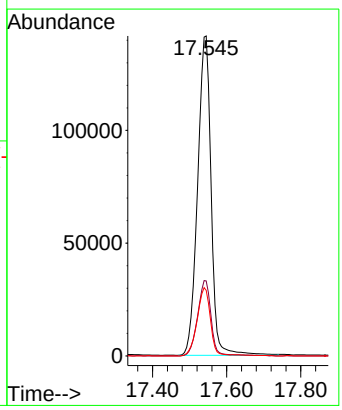




#92
Benzo(g,h,i)perylene
Concen: 40.909 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:276 Resp: 358281

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.5	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70241	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	276499	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	147701	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	237963	20.000	ng	0.00
76) Chrysene-d12	14.068	240	123118	20.000	ng	0.00
86) Perylene-d12	15.562	264	138610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	428569	103.387	ng	0.00
7) Phenol-d6	6.522	99	507980	104.788	ng	0.00
23) Nitrobenzene-d5	7.463	82	522412	103.640	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	167194	101.066	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1133290	104.193	ng	0.00
79) Terphenyl-d14	13.010	244	880299	108.612	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	84501	53.229	ng	99
3) Pyridine	3.428	79	214641	52.500	ng	100
4) n-Nitrosodimethylamine	3.387	42	111201	55.352	ng	97
6) Aniline	6.557	93	343267	52.727	ng	98
8) 2-Chlorophenol	6.681	128	236612	52.198	ng	98
9) Benzaldehyde	6.445	77	147368	53.670	ng	99
10) Phenol	6.539	94	282259	52.138	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	211081	53.225	ng	100
12) 1,3-Dichlorobenzene	6.834	146	265706	52.365	ng	98
13) 1,4-Dichlorobenzene	6.910	146	268356	51.911	ng	99
14) 1,2-Dichlorobenzene	7.063	146	255850	51.905	ng	99
15) Benzyl Alcohol	7.034	79	196862	55.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	329270	51.302	ng	99
17) 2-Methylphenol	7.145	107	183111	52.940	ng	99
18) Hexachloroethane	7.404	117	97018	54.117	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	161675	56.389	ng	98
20) 3+4-Methylphenols	7.304	107	228069	53.356	ng	93
22) Acetophenone	7.304	105	313957	51.914	ng	97
24) Nitrobenzene	7.481	77	231362	51.017	ng	99
25) Isophorone	7.722	82	435816	52.832	ng	99
26) 2-Nitrophenol	7.792	139	132921	53.183	ng	99
27) 2,4-Dimethylphenol	7.834	122	221956	52.069	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	274327	53.510	ng	100
29) 2,4-Dichlorophenol	8.039	162	207570	53.581	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	222476	52.081	ng	100
31) Naphthalene	8.204	128	696733	51.130	ng	100
32) Benzoic acid	7.957	122	132772	52.040	ng	100
33) 4-Chloroaniline	8.251	127	281926	50.415	ng	98
34) Hexachlorobutadiene	8.316	225	141556	53.536	ng	99
35) Caprolactam	8.628	113	54797	46.651	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	208253	51.181	ng	99
37) 2-Methylnaphthalene	8.892	142	439901	50.665	ng	98
38) 1-Methylnaphthalene	8.992	142	449504	50.219	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	228310	53.148	ng	100
41) Hexachlorocyclopentadiene	9.045	237	152709	59.599	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	149684	53.339	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

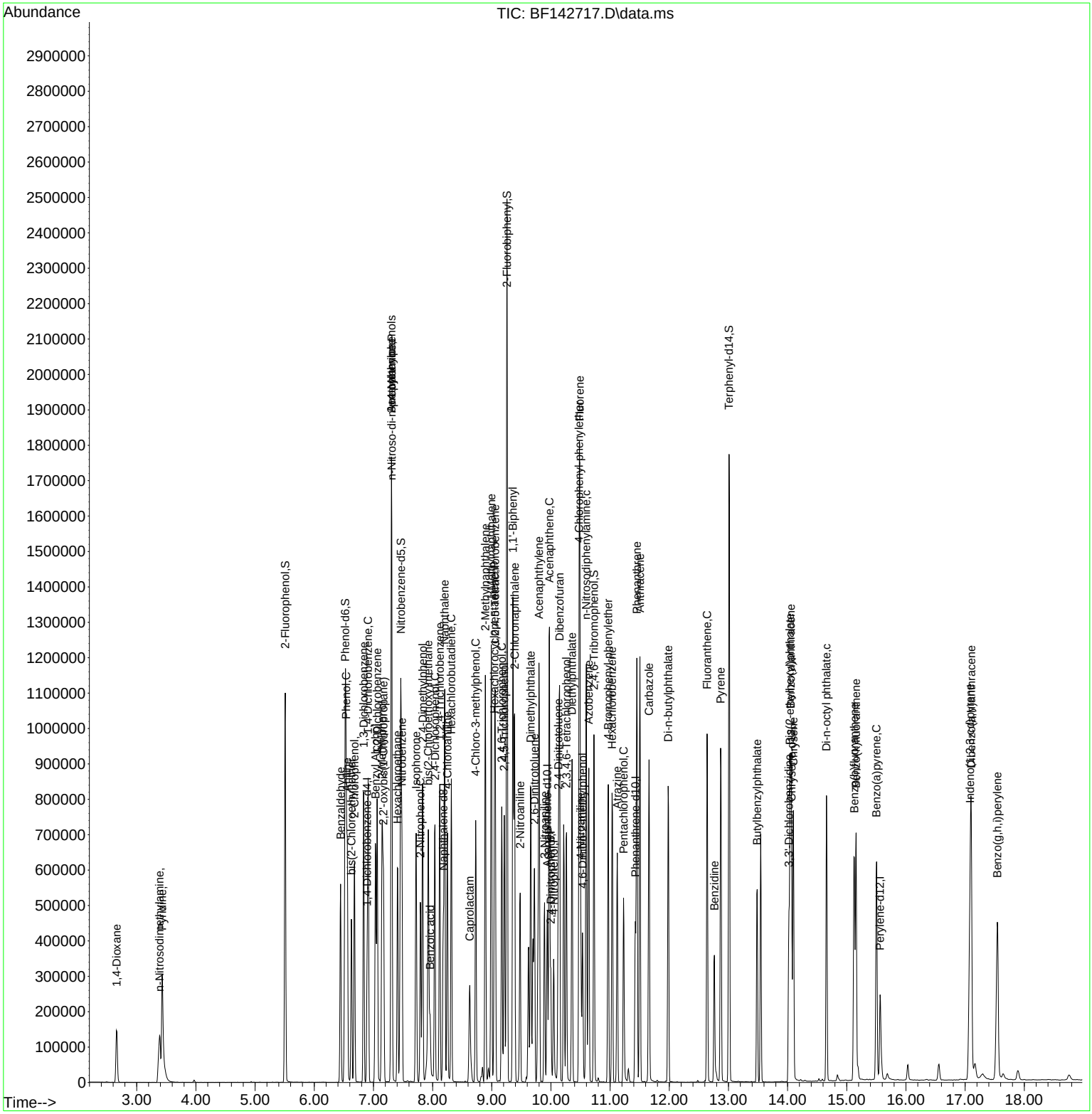
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	158991	52.908	ng	98
46) 1,1'-Biphenyl	9.357	154	599102	52.181	ng	100
47) 2-Chloronaphthalene	9.386	162	442042	51.463	ng	99
48) 2-Nitroaniline	9.480	65	127381	50.274	ng	97
49) Acenaphthylene	9.798	152	735181	51.597	ng	99
50) Dimethylphthalate	9.657	163	509346	51.267	ng	100
51) 2,6-Dinitrotoluene	9.722	165	110252	51.124	ng	95
52) Acenaphthene	9.975	154	456720	52.356	ng	100
53) 3-Nitroaniline	9.892	138	118897	49.557	ng	99
54) 2,4-Dinitrophenol	9.998	184	64948	54.883	ng	90
55) Dibenzofuran	10.145	168	642875	51.361	ng	99
56) 4-Nitrophenol	10.045	139	82142	50.067	ng	98
57) 2,4-Dinitrotoluene	10.128	165	146163	50.925	ng	99
58) Fluorene	10.486	166	501157	50.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	130800	52.459	ng	99
60) Diethylphthalate	10.357	149	491909	50.889	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	244758	51.542	ng	100
62) 4-Nitroaniline	10.504	138	104407	46.441	ng	99
63) Azobenzene	10.639	77	438379	50.596	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	81791	55.266	ng	97
66) n-Nitrosodiphenylamine	10.598	169	429305	55.929	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	149669	56.854	ng	98
68) Hexachlorobenzene	11.033	284	163747	54.476	ng	99
69) Atrazine	11.122	200	113356	49.666	ng	99
70) Pentachlorophenol	11.227	266	87848	54.131	ng	97
71) Phenanthrene	11.451	178	649264	51.010	ng	100
72) Anthracene	11.504	178	673179	51.077	ng	100
73) Carbazole	11.657	167	554013	47.322	ng	100
74) Di-n-butylphthalate	11.980	149	626243	50.544	ng	100
75) Fluoranthene	12.639	202	588066	47.504	ng	99
77) Benzidine	12.763	184	232203	53.721	ng	99
78) Pyrene	12.868	202	578151	55.596	ng	100
80) Butylbenzylphthalate	13.486	149	192765	60.694	ng	96
81) Benzo(a)anthracene	14.057	228	430896	53.559	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	145475	56.587	ng	98
83) Chrysene	14.098	228	384783	51.006	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	300617	79.382	ng	100
85) Di-n-octyl phthalate	14.657	149	558942	74.939	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	554977	56.142	ng	99
88) Benzo(b)fluoranthene	15.127	252	426102	51.292	ng	99
89) Benzo(k)fluoranthene	15.157	252	412174	53.637	ng	99
90) Benzo(a)pyrene	15.504	252	410292	52.868	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	456552	57.070	ng	99
92) Benzo(g,h,i)perylene	17.545	276	448634	54.423	ng	99

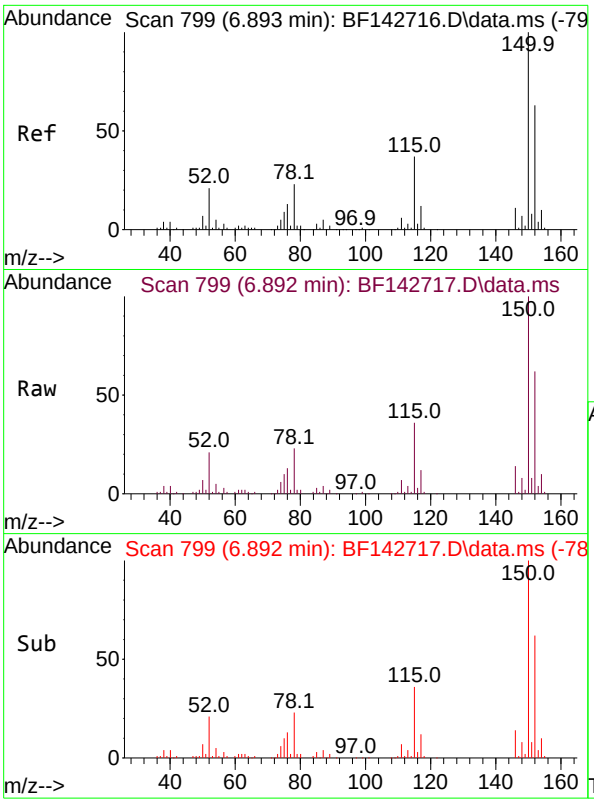
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



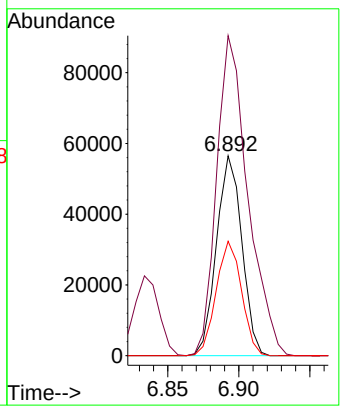


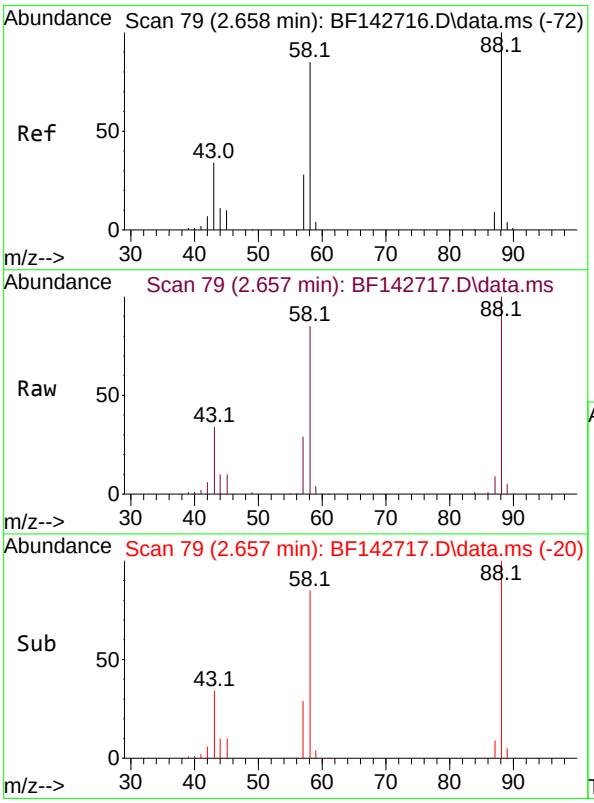
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 70241

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.9	190.3
115	57.2	47.0	70.6

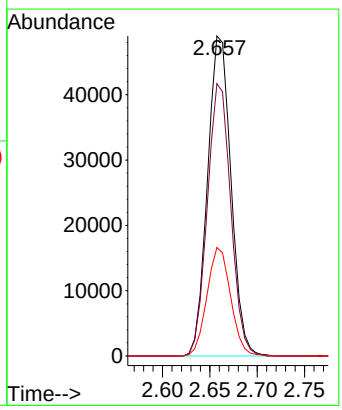


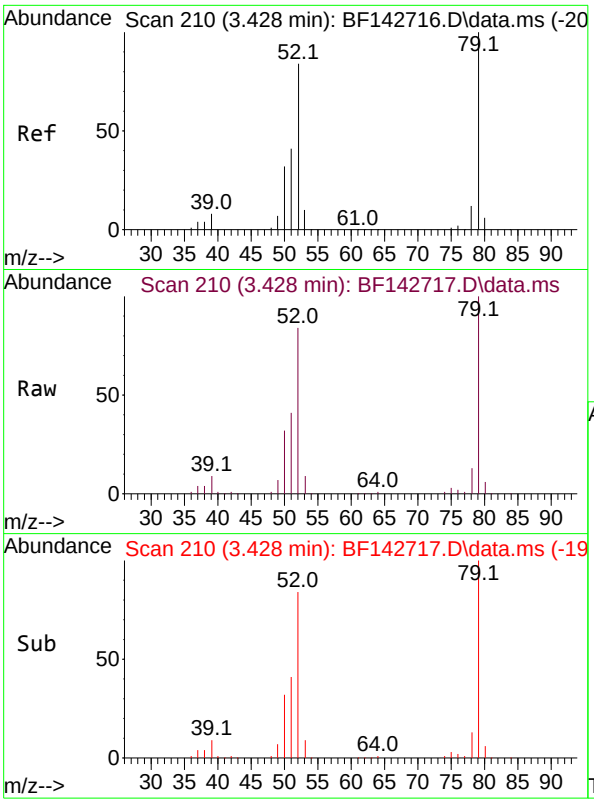


#2
1,4-Dioxane
Concen: 53.229 ng
RT: 2.657 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 88 Resp: 84501

Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.4	102.6
43	34.1	27.0	40.6



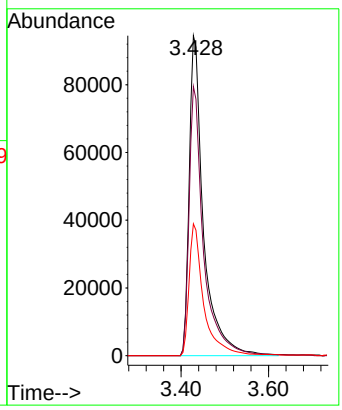


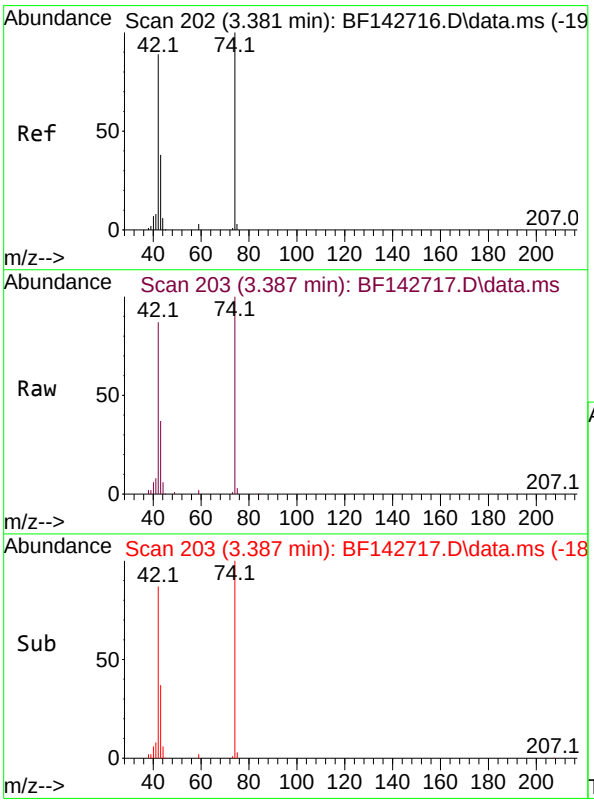
#3
Pyridine
Concen: 52.500 ng
RT: 3.428 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 214641

Ion	Ratio	Lower	Upper
79	100		
52	84.1	67.1	100.7
51	41.2	32.6	48.8

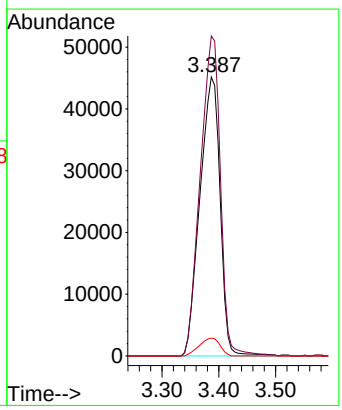


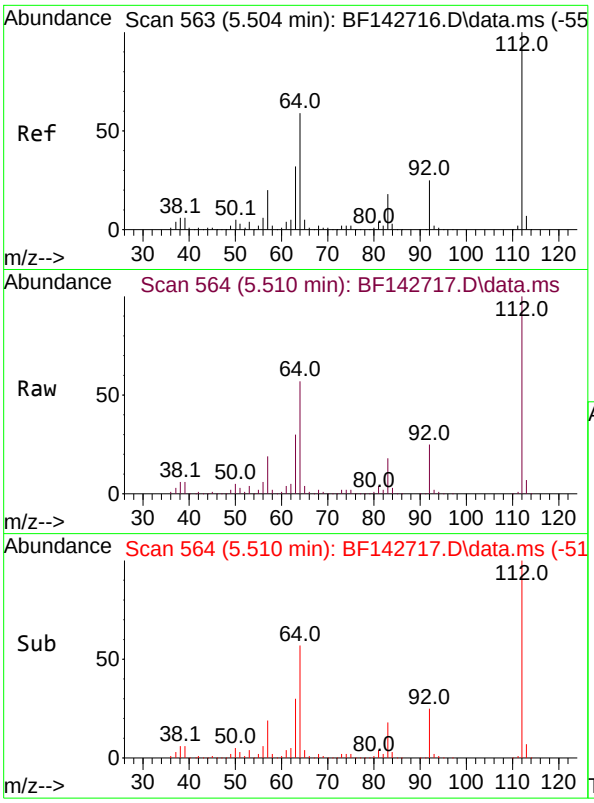


#4
n-Nitrosodimethylamine
Concen: 55.352 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 42 Resp: 111201

Ion	Ratio	Lower	Upper
42	100		
74	114.8	89.6	134.4
44	6.4	5.4	8.2



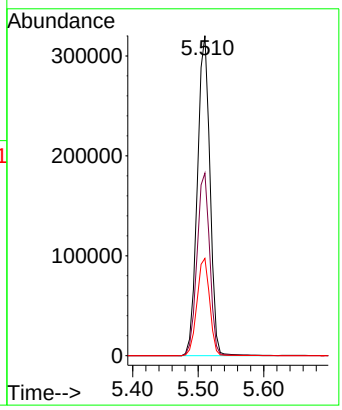


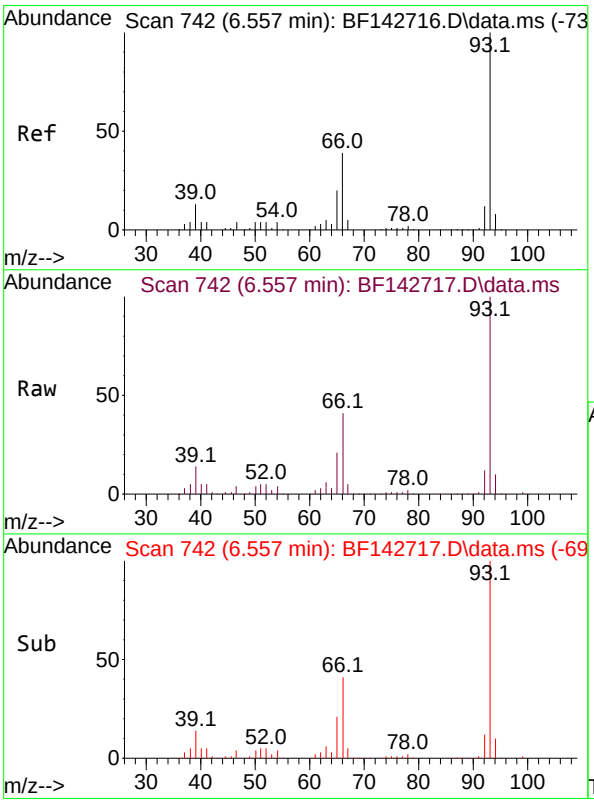
#5
2-Fluorophenol
Concen: 103.387 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 428569

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	30.4	25.4	38.0

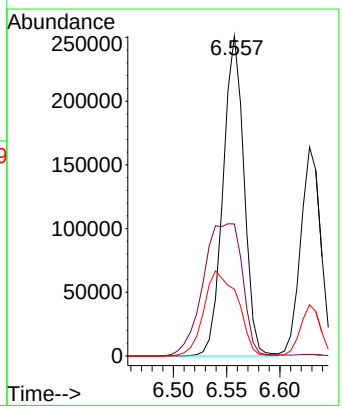


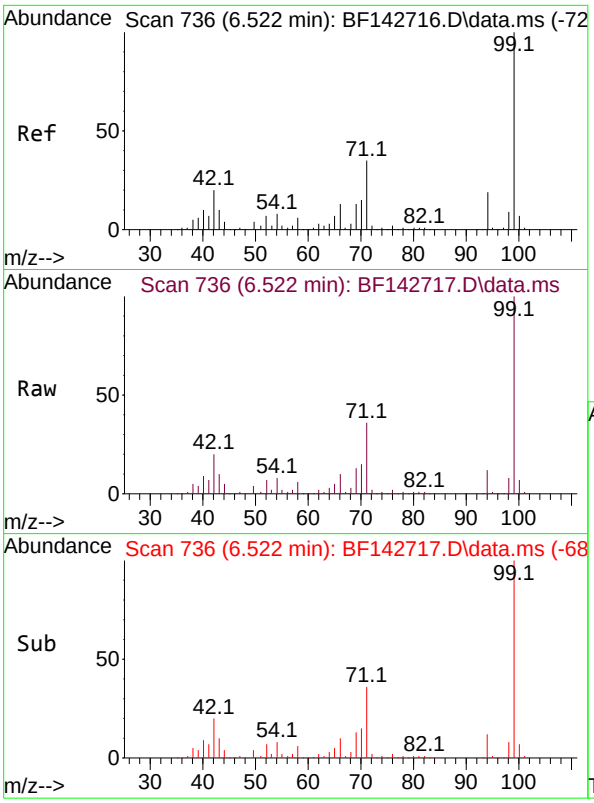


#6
Aniline
Concen: 52.727 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 93 Resp: 343267

Ion	Ratio	Lower	Upper
93	100		
66	41.3	32.0	48.0
65	20.9	16.1	24.1



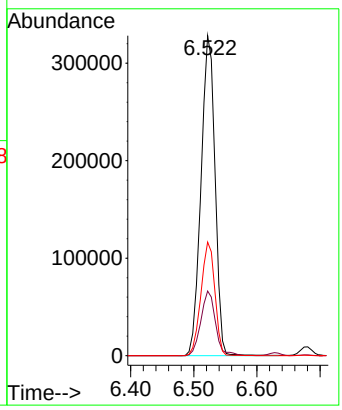


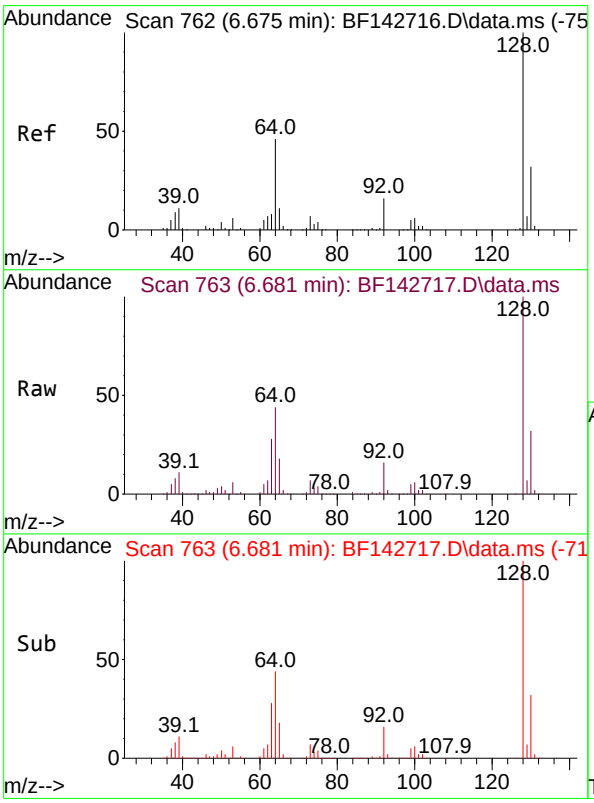
#7
Phenol-d6
Concen: 104.788 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 507980

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	35.5	28.0	42.0

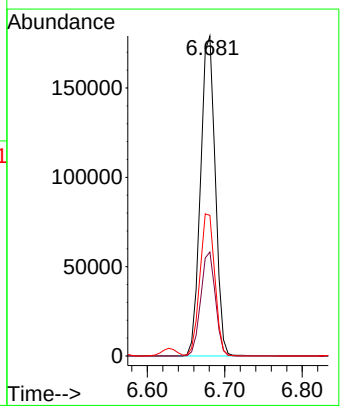


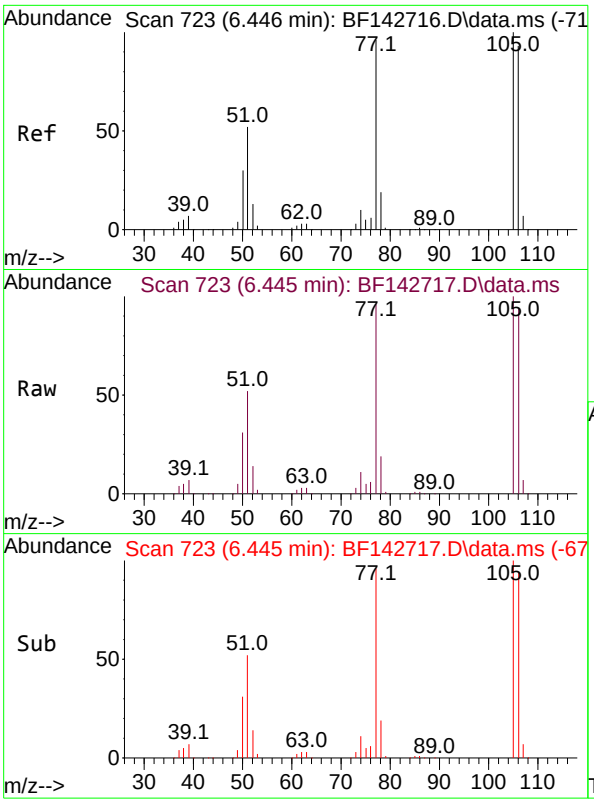


#8
2-Chlorophenol
Concen: 52.198 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:128 Resp: 236612

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	43.9	26.5	66.5



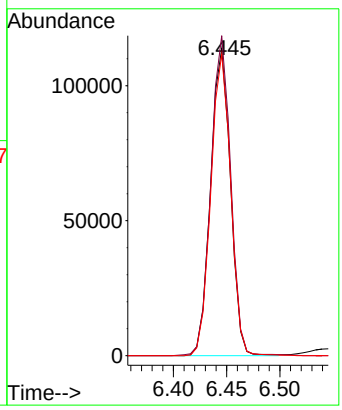


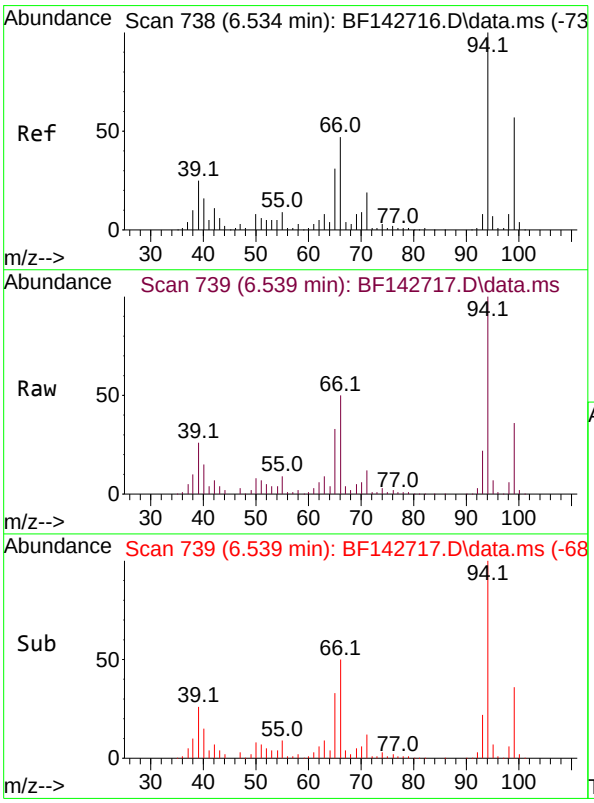
#9
Benzaldehyde
Concen: 53.670 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 147368

Ion	Ratio	Lower	Upper
77	100		
105	104.2	84.1	124.1
106	98.2	77.2	117.2

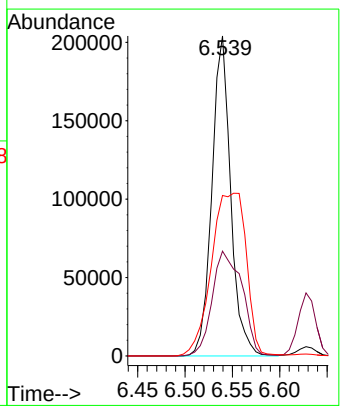


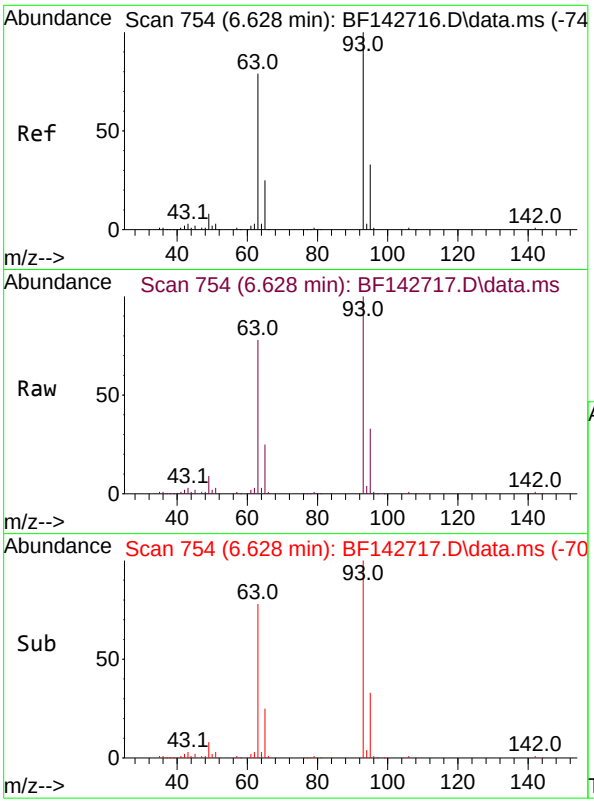


#10
Phenol
Concen: 52.138 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 94 Resp: 282259

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.4	51.4
66	50.1	26.7	66.7



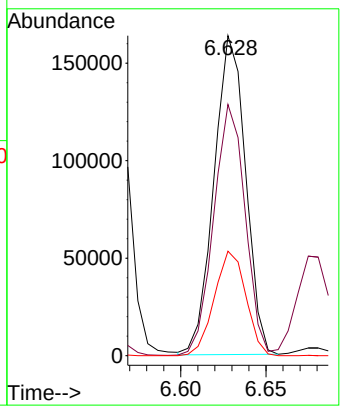


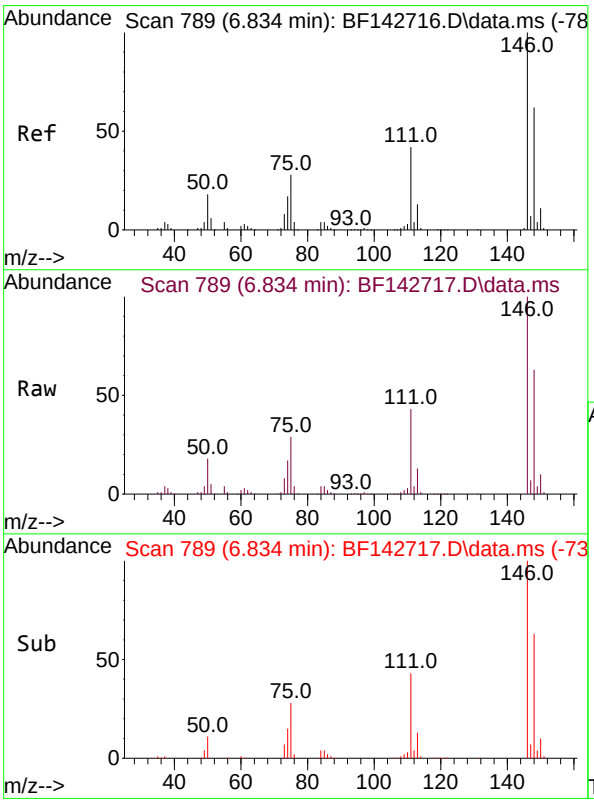
#11
bis(2-Chloroethyl)ether
Concen: 53.225 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 211081

Ion	Ratio	Lower	Upper
93	100		
63	78.5	58.3	98.3
95	32.7	13.1	53.1

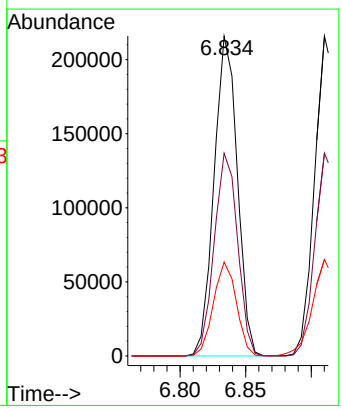


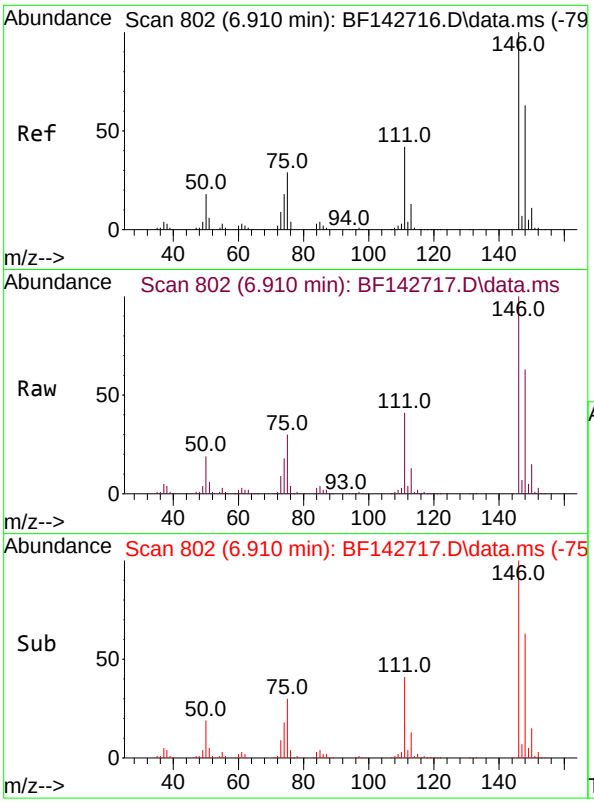


#12
1,3-Dichlorobenzene
Concen: 52.365 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:146 Resp: 265706

Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.9	74.9
75	29.4	22.6	34.0



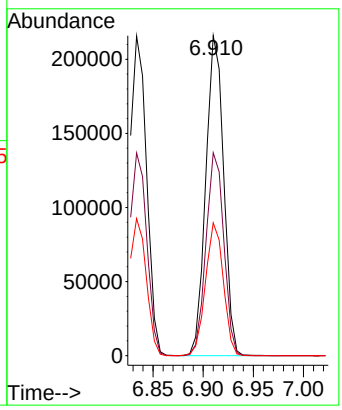


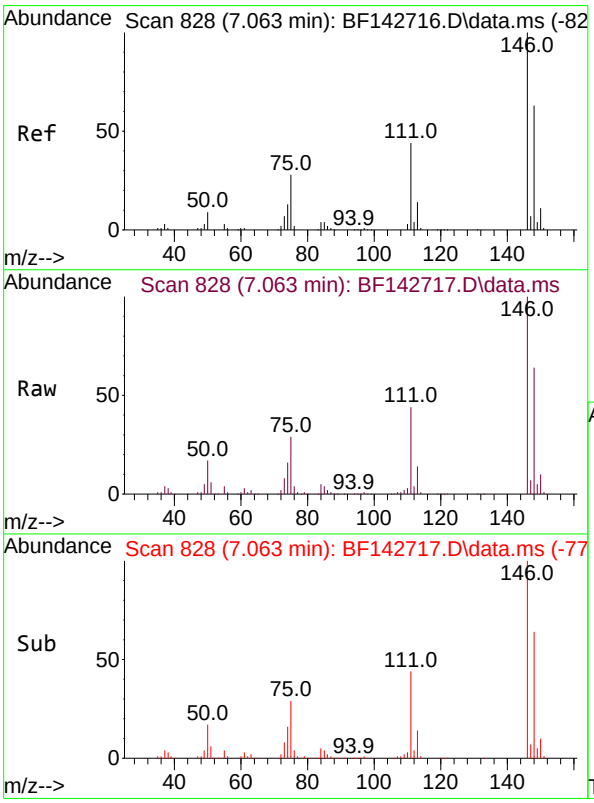
#13
1,4-Dichlorobenzene
Concen: 51.911 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 268356

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.5	33.6	50.4

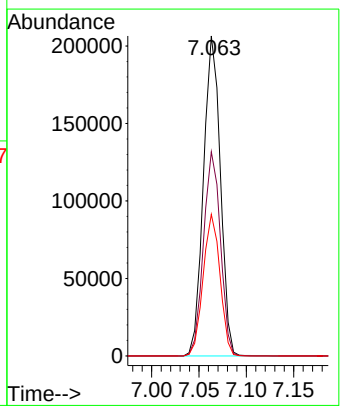


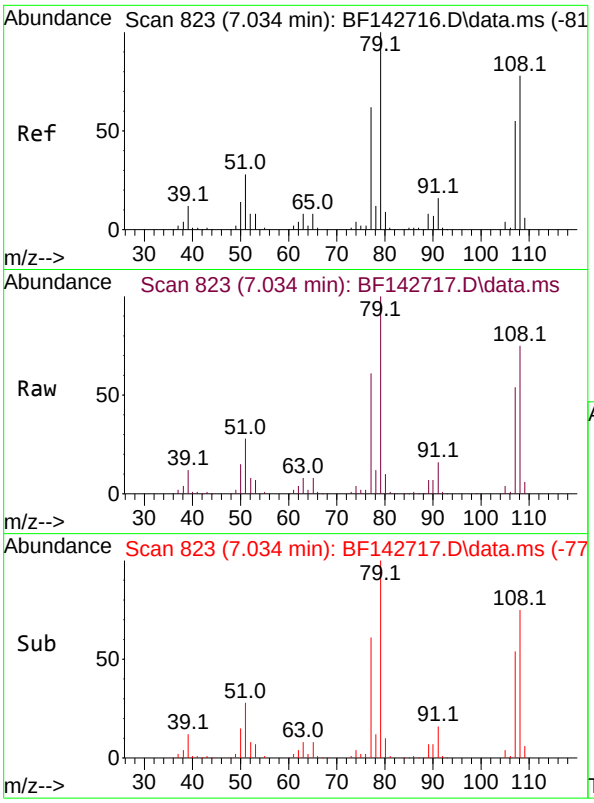


#14
1,2-Dichlorobenzene
Concen: 51.905 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:146 Resp: 255850

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	44.3	35.2	52.8



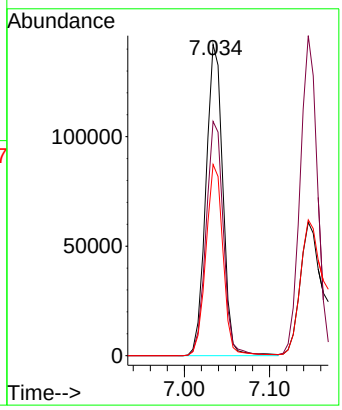


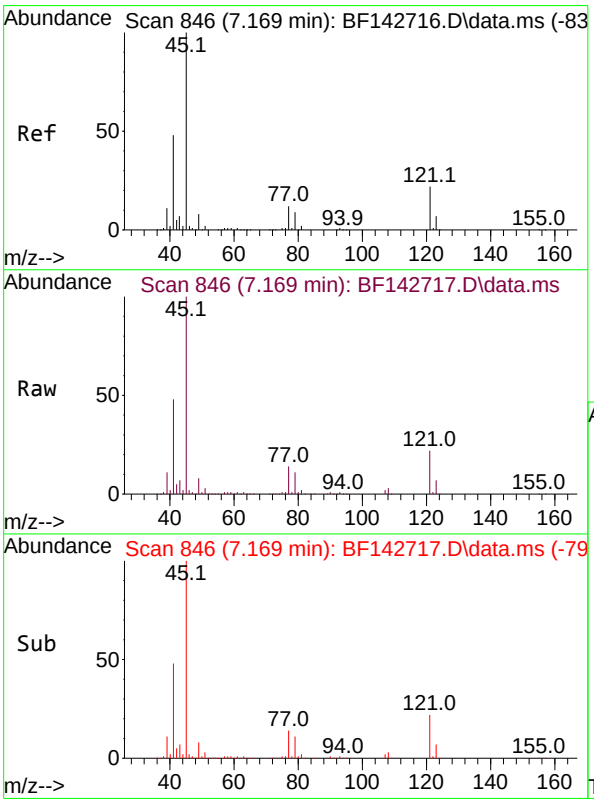
#15
Benzyl Alcohol
Concen: 55.034 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 196862

Ion	Ratio	Lower	Upper
79	100		
108	75.3	62.6	94.0
77	61.4	49.8	74.8

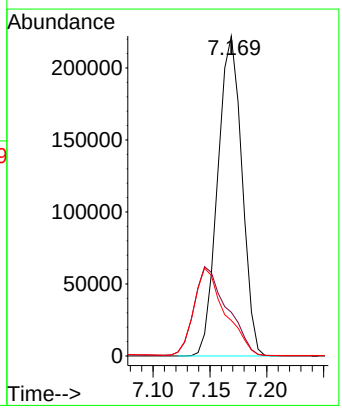


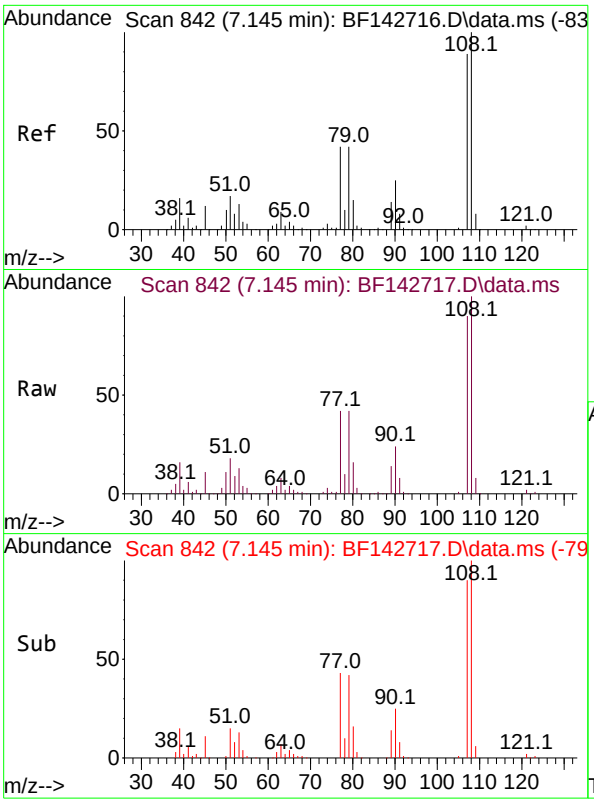


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.302 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 45 Resp: 329270

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.1
79	11.1	0.0	30.5



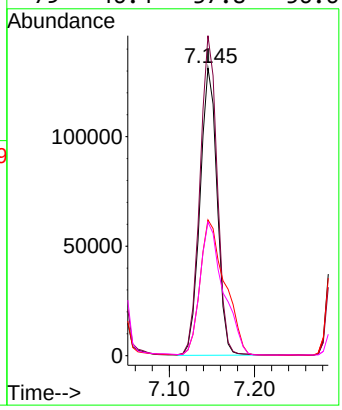


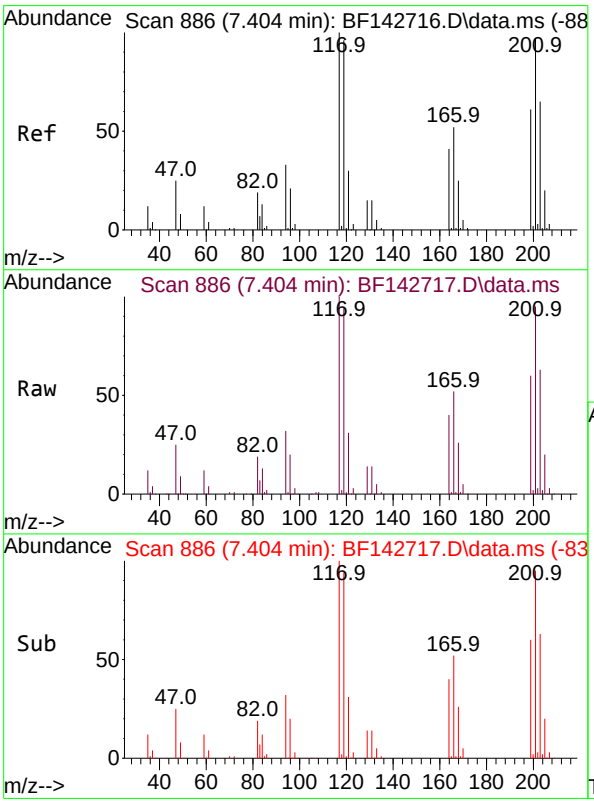
#17
2-Methylphenol
Concen: 52.940 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 183111

Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.0	135.0
77	47.3	38.2	57.2
79	46.4	37.8	56.6

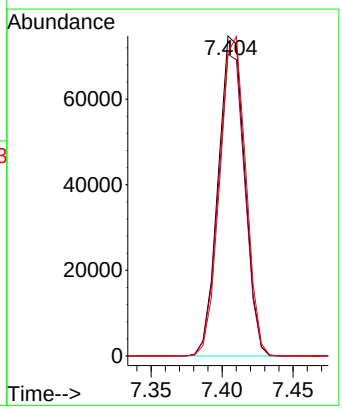


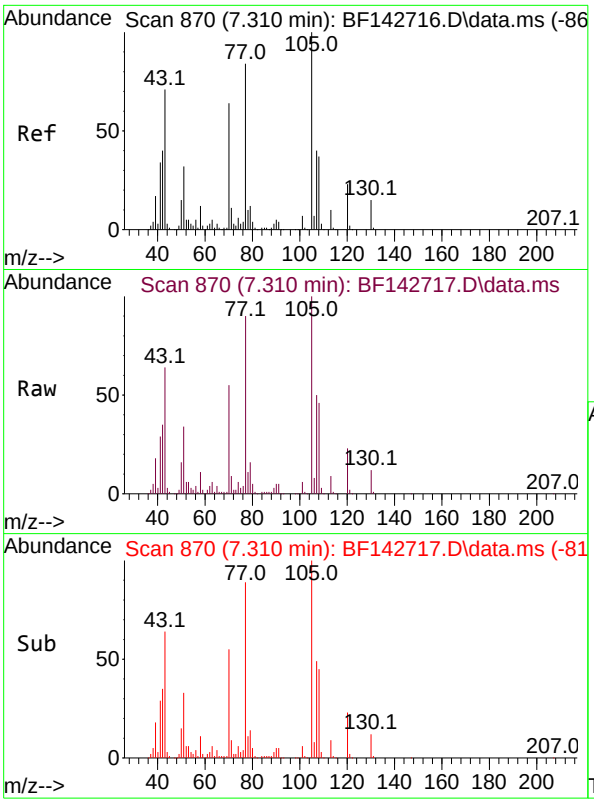


#18
Hexachloroethane
Concen: 54.117 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:117 Resp: 97018

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.4	114.6
201	94.8	77.8	116.6



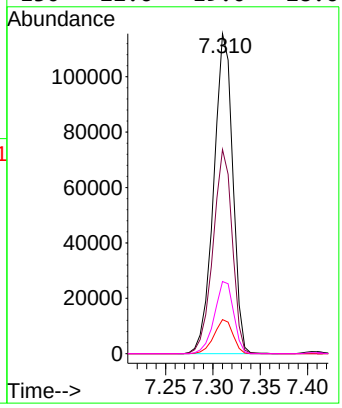


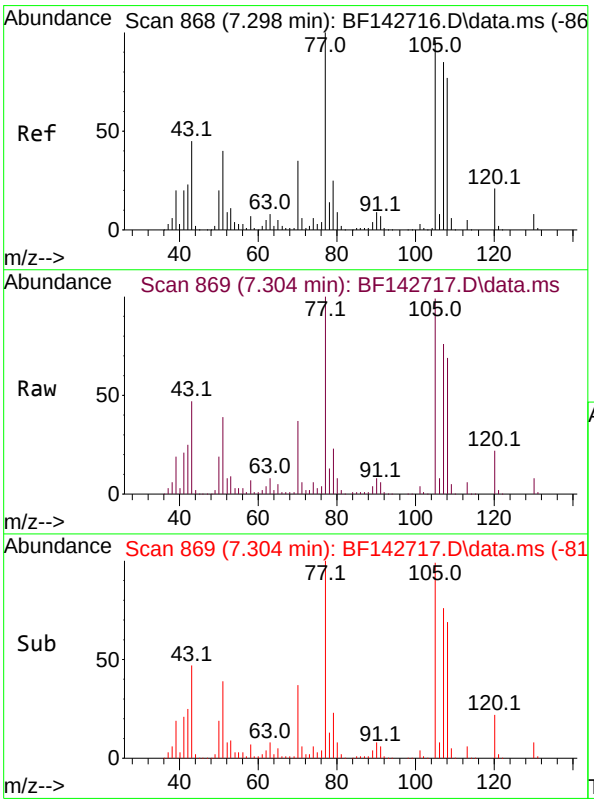
#19
n-Nitroso-di-n-propylamine
Concen: 56.389 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 161675

Ion	Ratio	Lower	Upper
70	100		
42	63.8	50.2	75.4
101	10.7	8.3	12.5
130	22.6	19.0	28.6

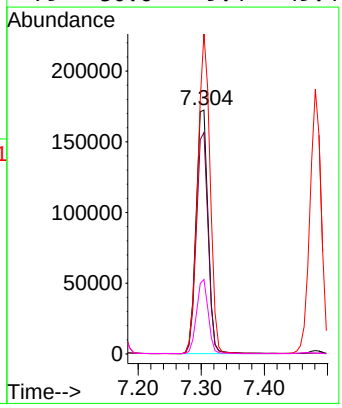


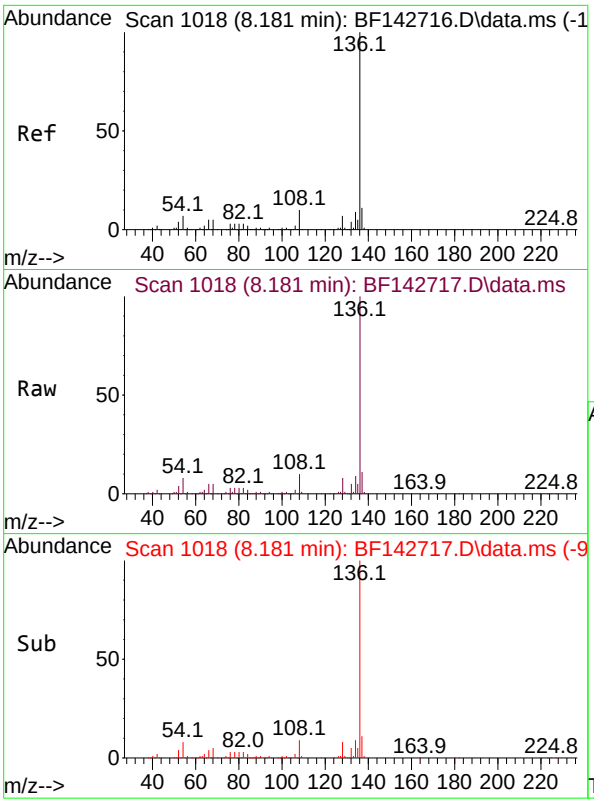


#20
3+4-Methylphenols
Concen: 53.356 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:107 Resp: 228069

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.9	109.9
77	131.3	97.4	137.4
79	30.6	9.4	49.4



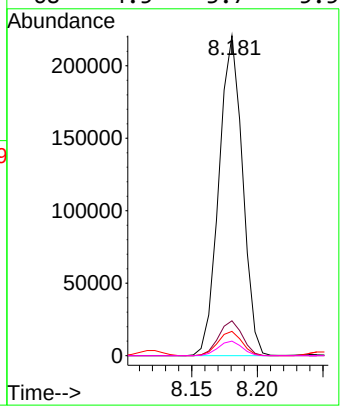


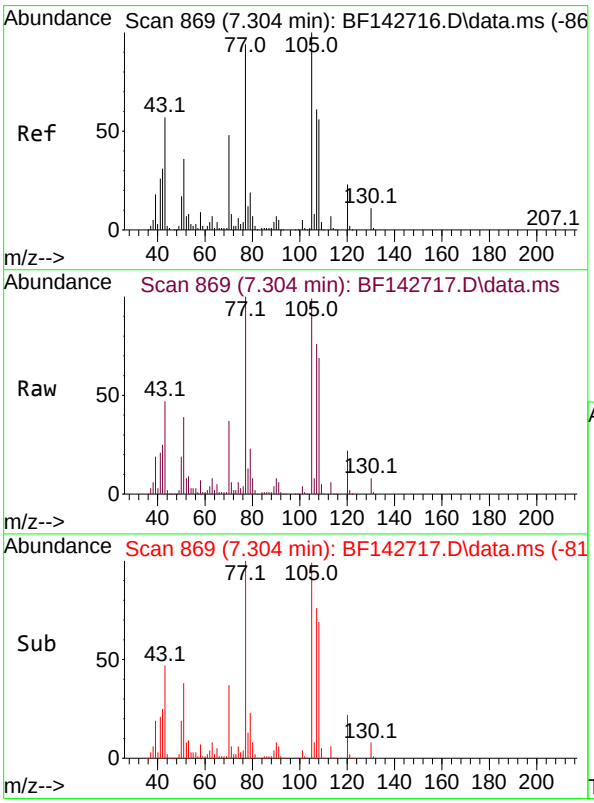
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 276499

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	5.9	8.9
68	4.5	3.7	5.5

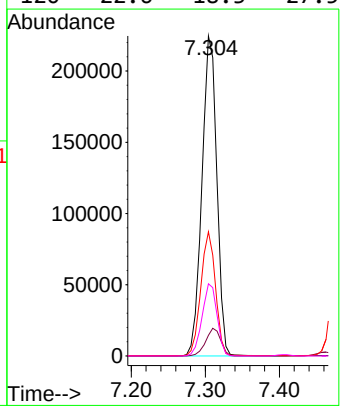


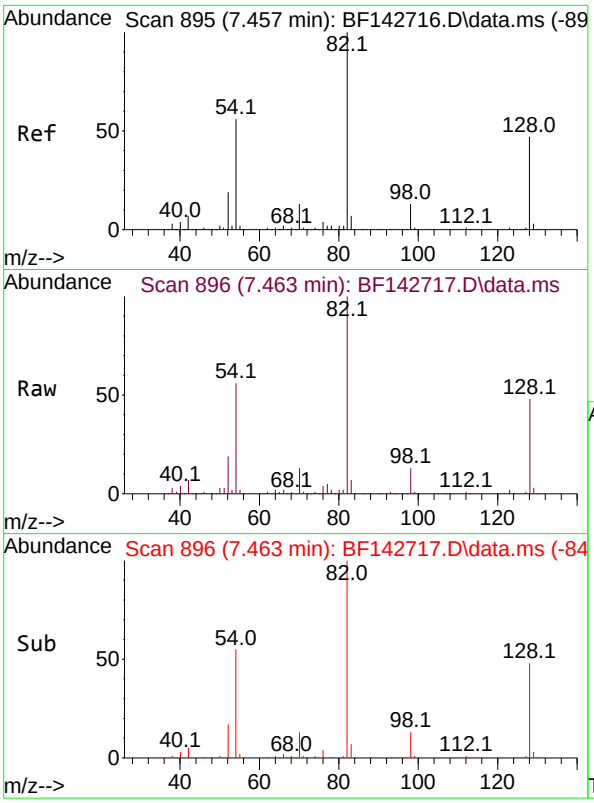


#22
Acetophenone
Concen: 51.914 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:105 Resp: 313957

Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.4	9.6
51	38.8	29.1	43.7
120	22.6	18.3	27.5



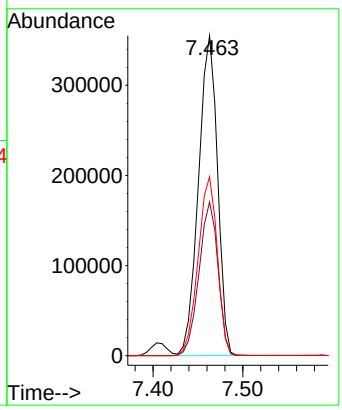


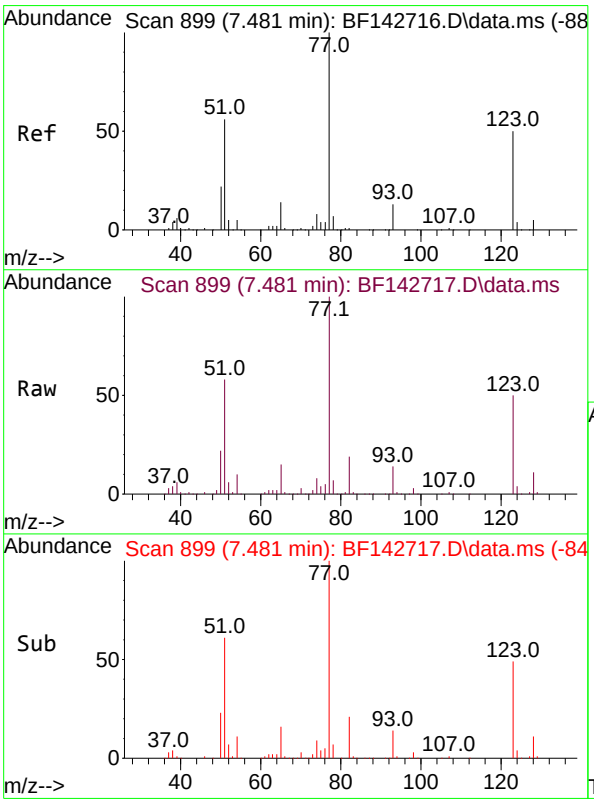
#23
Nitrobenzene-d5
Concen: 103.640 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 522412

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.8	56.8
54	55.9	44.9	67.3

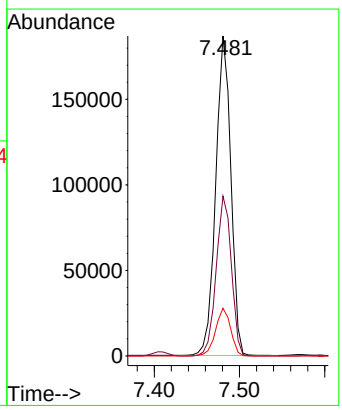


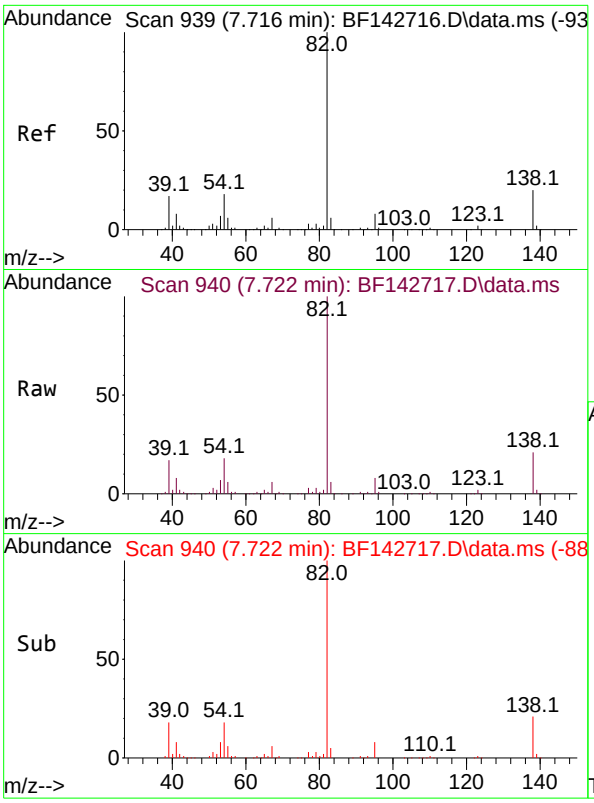


#24
Nitrobenzene
Concen: 51.017 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 77 Resp: 231362

Ion	Ratio	Lower	Upper
77	100		
123	50.0	40.8	61.2
65	14.9	11.5	17.3



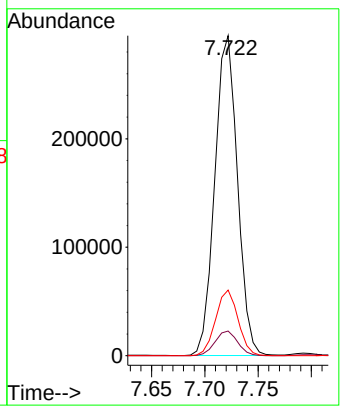


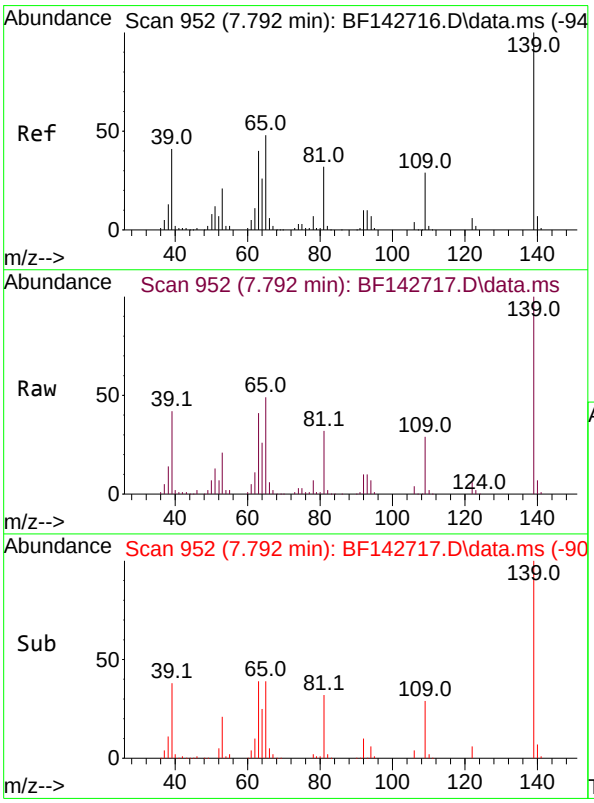
#25
Isophorone
Concen: 52.832 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 435816

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	20.5	15.8	23.6

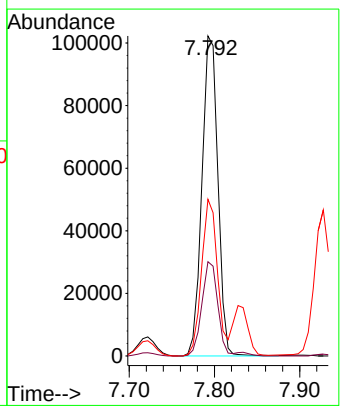


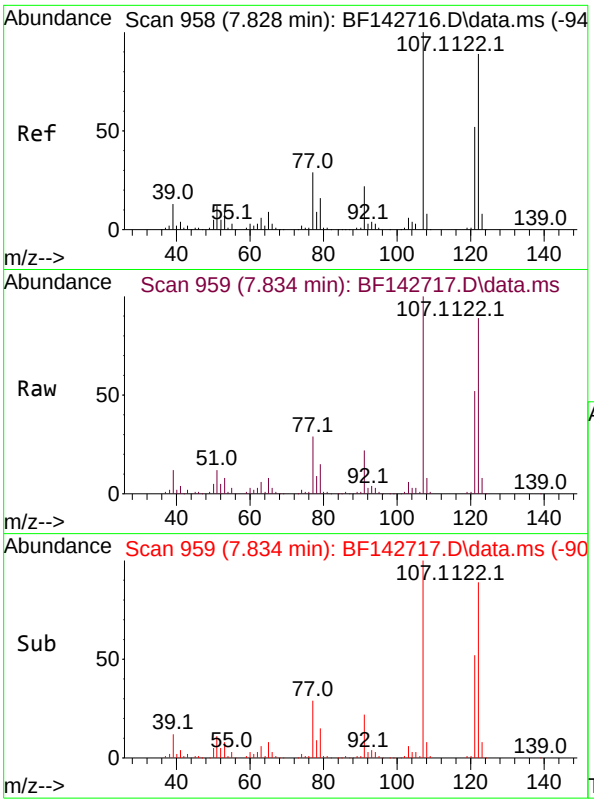


#26
2-Nitrophenol
Concen: 53.183 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:139 Resp: 132921

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.4	35.2
65	48.9	38.7	58.1



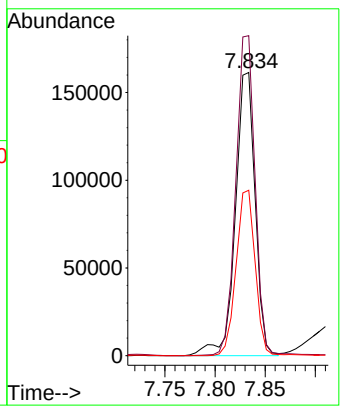


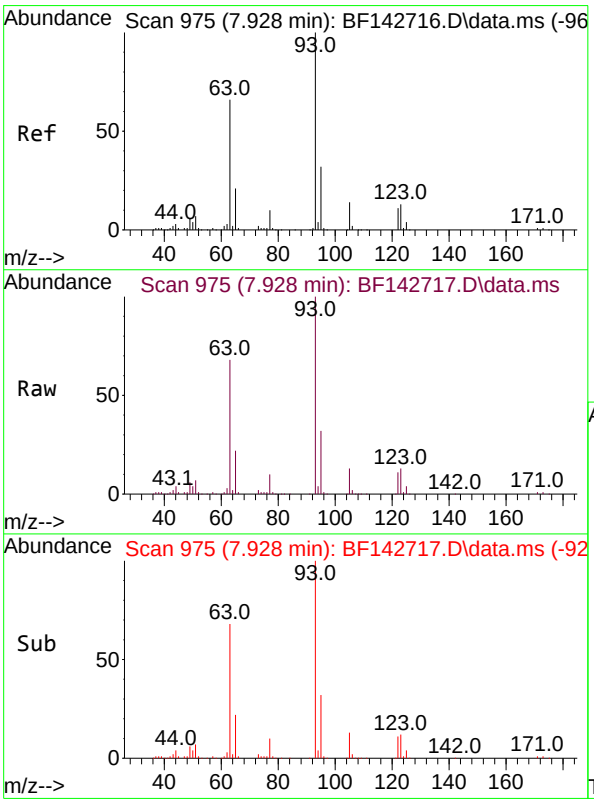
#27
2,4-Dimethylphenol
Concen: 52.069 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 221956

Ion	Ratio	Lower	Upper
122	100		
107	113.0	90.4	135.6
121	58.4	46.9	70.3

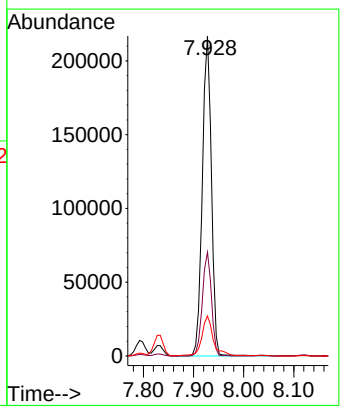


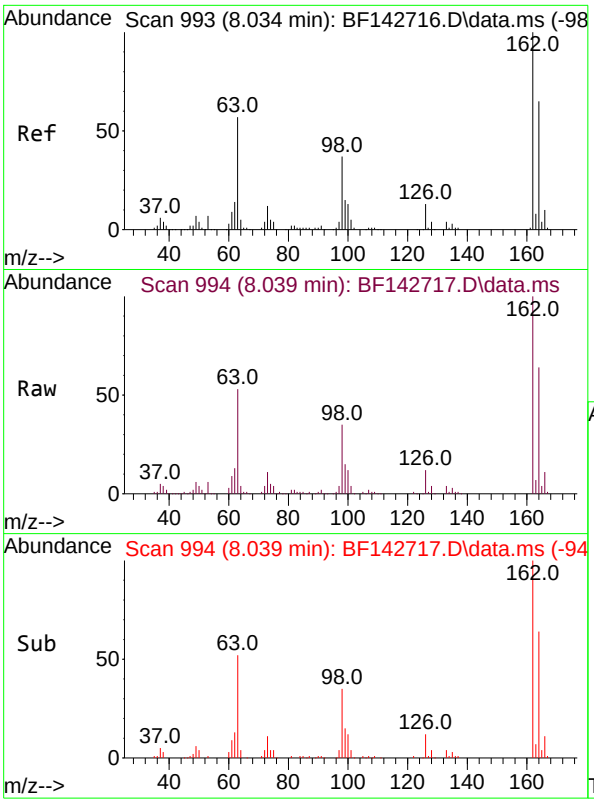


#28
bis(2-Chloroethoxy)methane
Concen: 53.510 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 93 Resp: 274327

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.9	38.9
123	12.5	10.3	15.5



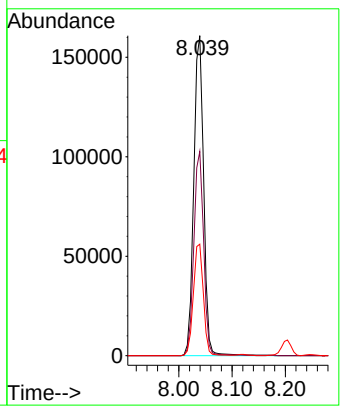


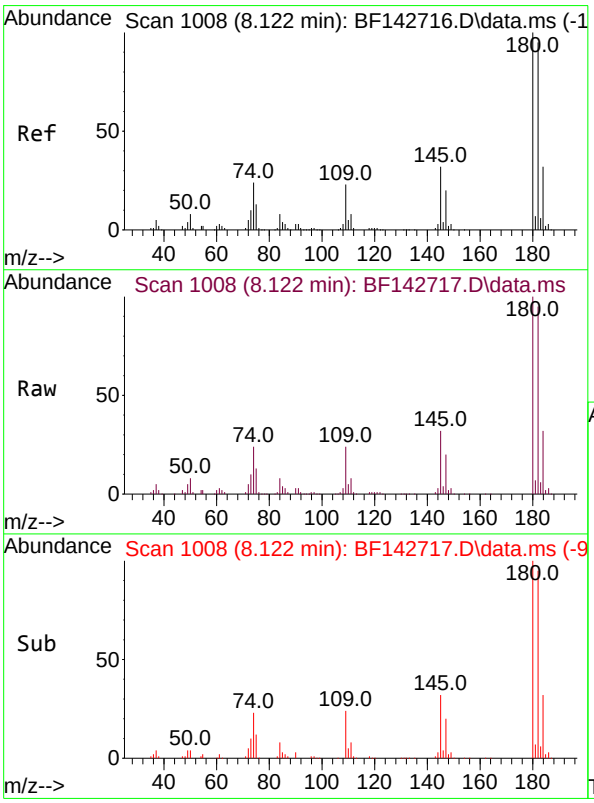
#29
2,4-Dichlorophenol
Concen: 53.581 ng
RT: 8.039 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 207570

Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	34.9	16.7	56.7

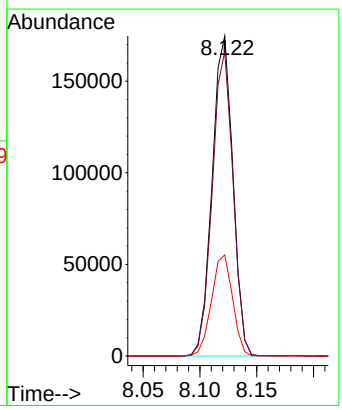


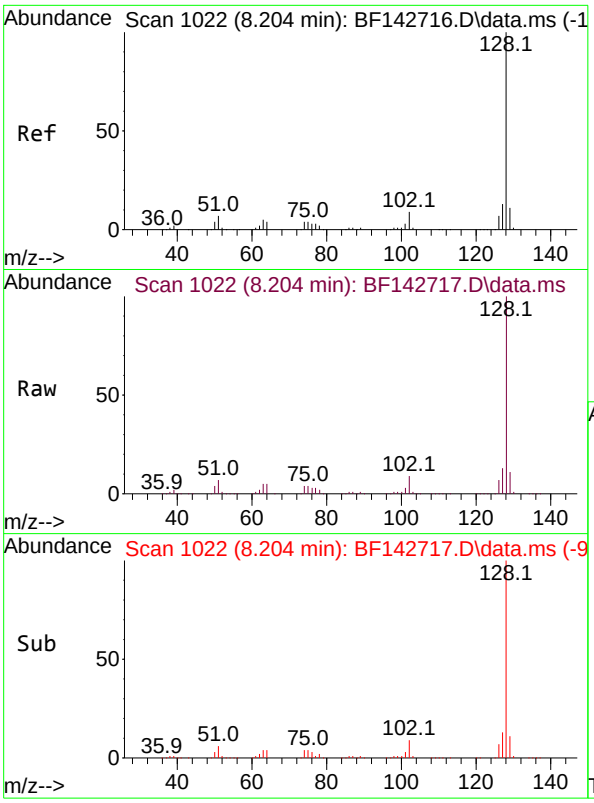


#30
1,2,4-Trichlorobenzene
Concen: 52.081 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:180 Resp: 222476

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.9	113.9
145	31.6	25.7	38.5



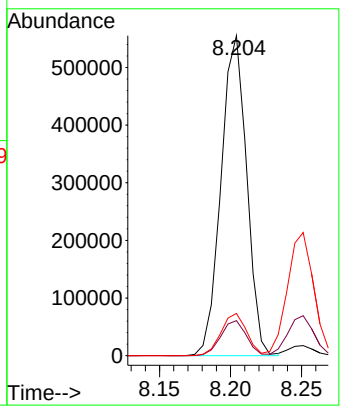


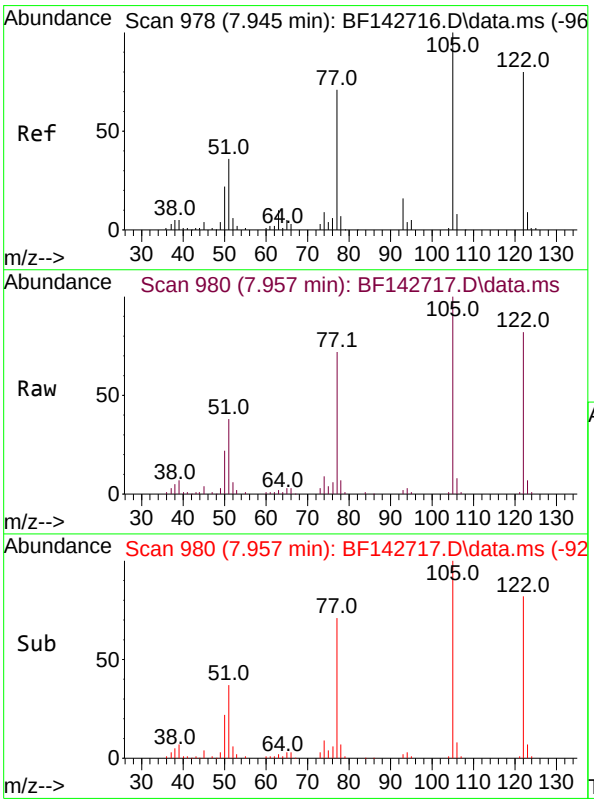
#31
Naphthalene
Concen: 51.130 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 696733

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.4	15.6

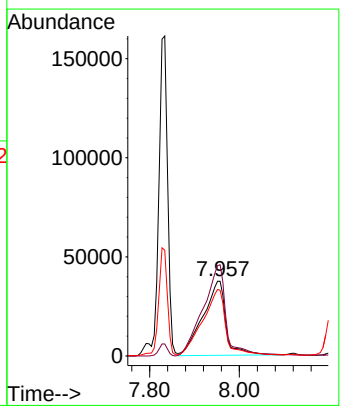


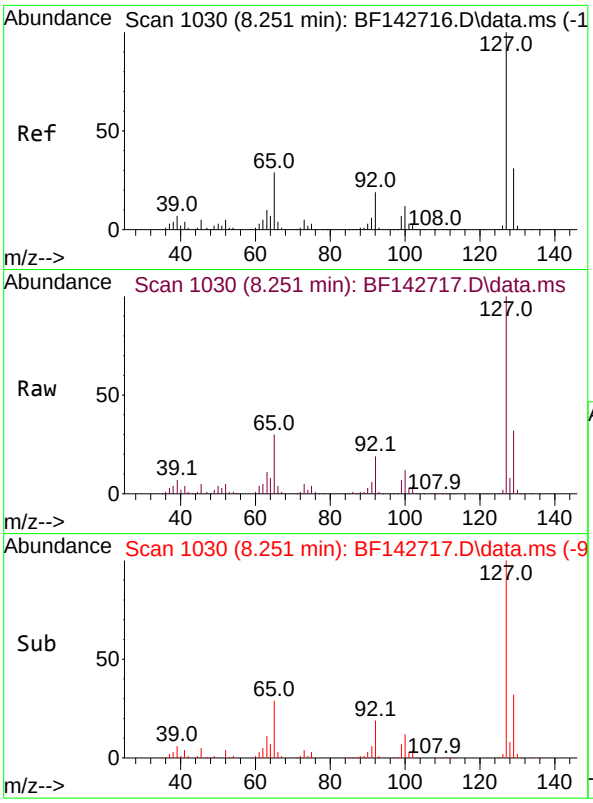


#32
Benzoic acid
Concen: 52.040 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:122 Resp: 132772

Ion	Ratio	Lower	Upper
122	100		
105	122.0	102.6	142.6
77	88.0	68.2	108.2



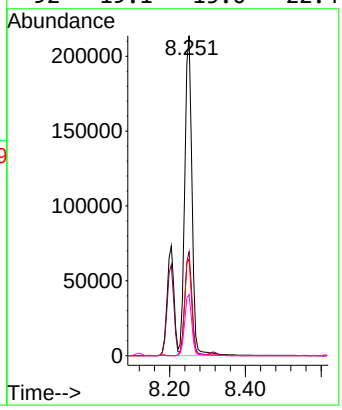


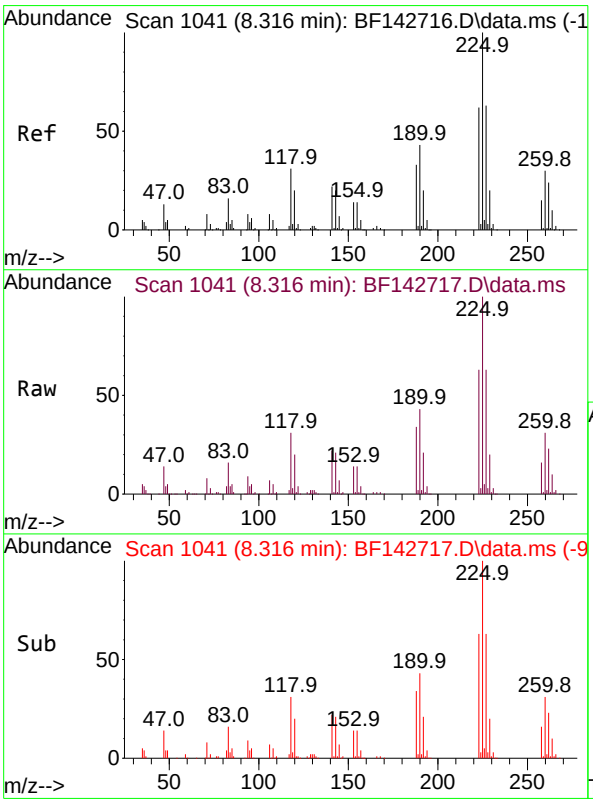
#33
4-Chloroaniline
Concen: 50.415 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 281926

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	30.2	23.0	34.4
92	19.1	15.0	22.4

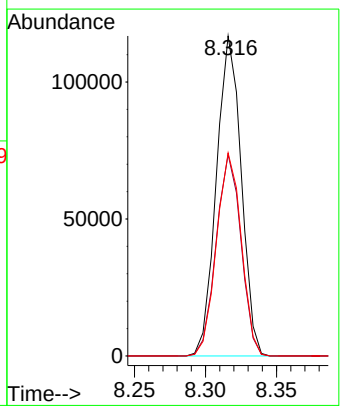


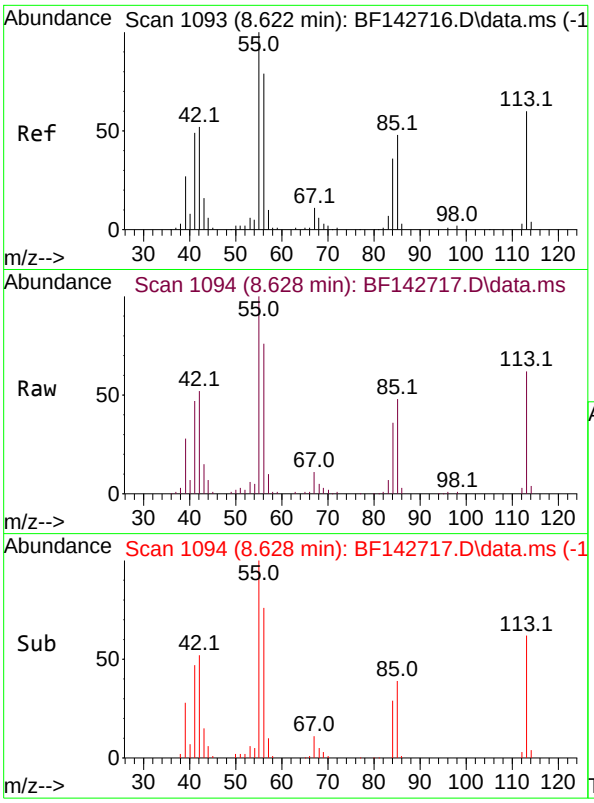


#34
Hexachlorobutadiene
Concen: 53.536 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:225 Resp: 141556

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.3	73.9
227	63.5	50.6	75.8



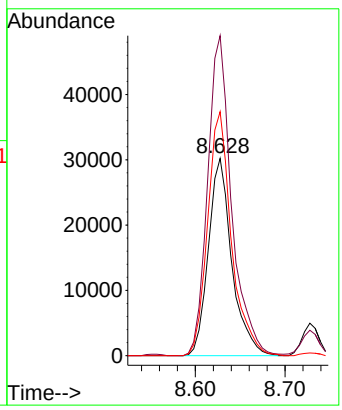


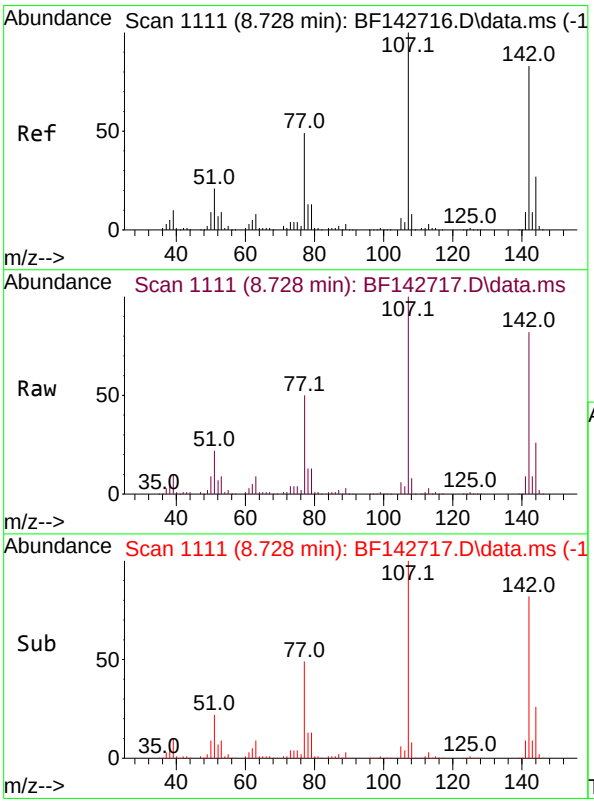
#35
Caprolactam
Concen: 46.651 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 54797

Ion	Ratio	Lower	Upper
113	100		
55	162.1	147.9	187.9
56	123.6	111.9	151.9

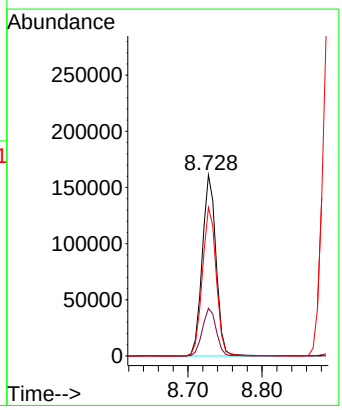


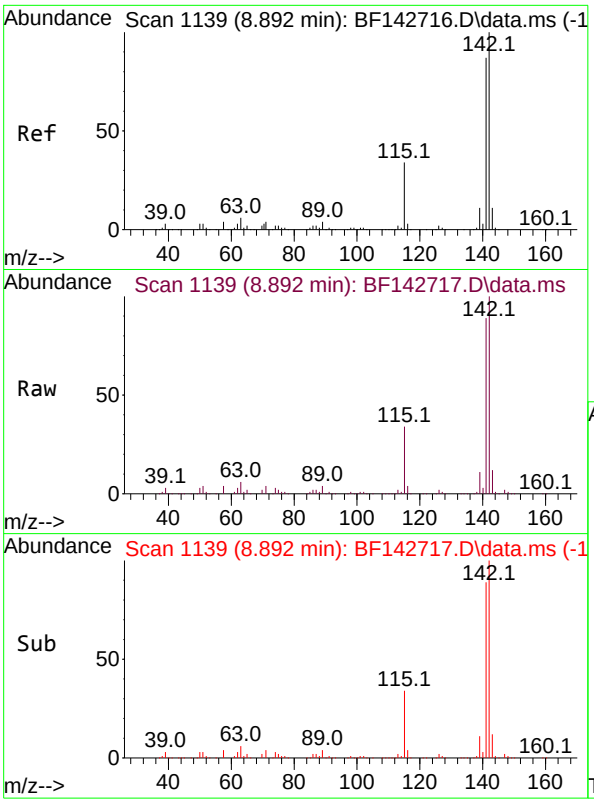


#36
4-Chloro-3-methylphenol
Concen: 51.181 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:107 Resp: 208253

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.3	31.9
142	82.1	66.2	99.2



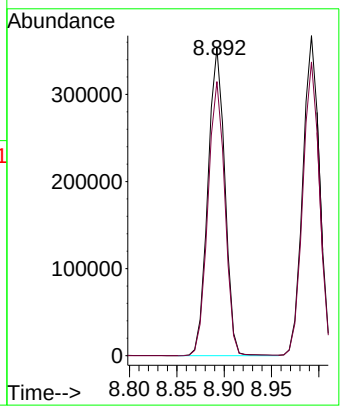


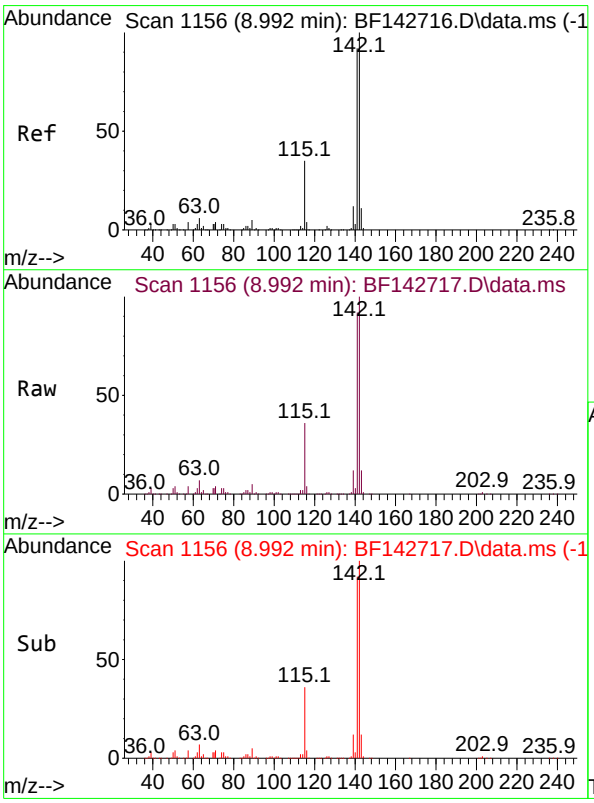
#37
2-Methylnaphthalene
Concen: 50.665 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 439901

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.9	104.9

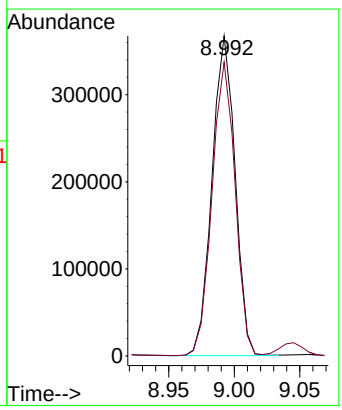


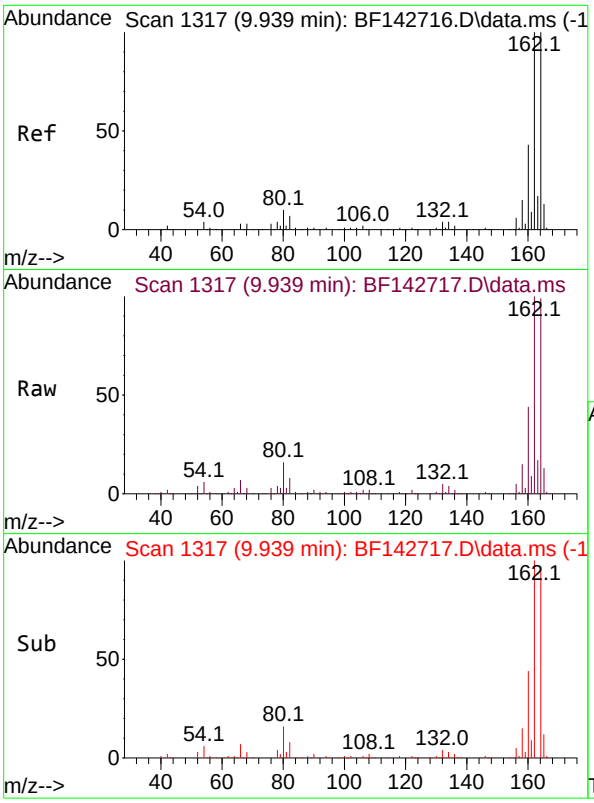


#38
1-Methylnaphthalene
Concen: 50.219 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:142 Resp: 449504

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.5	110.3



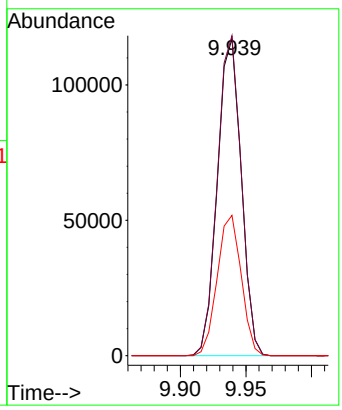


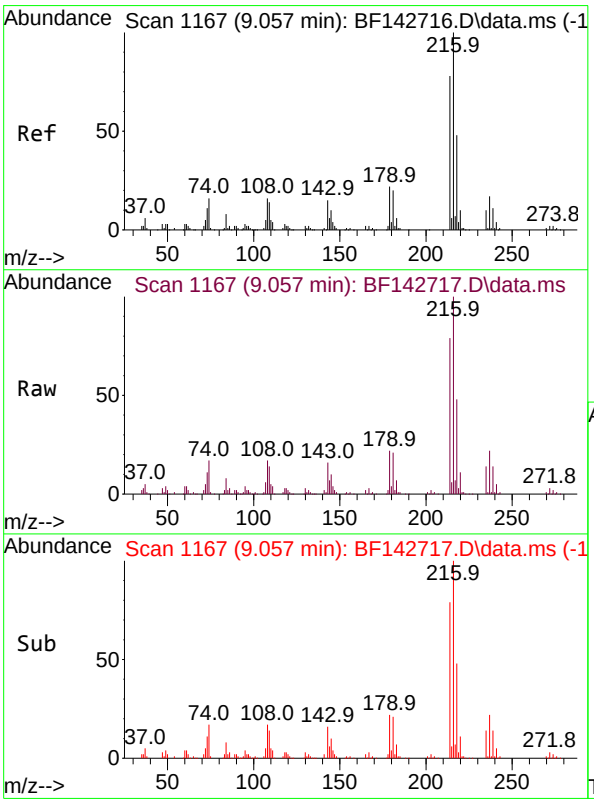
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 147701

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	44.2	34.8	52.2

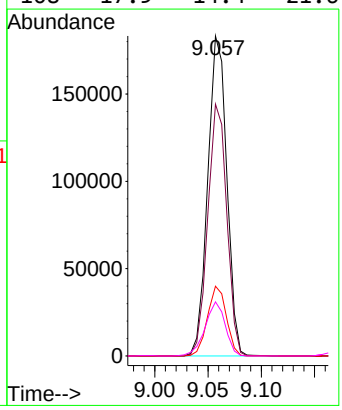


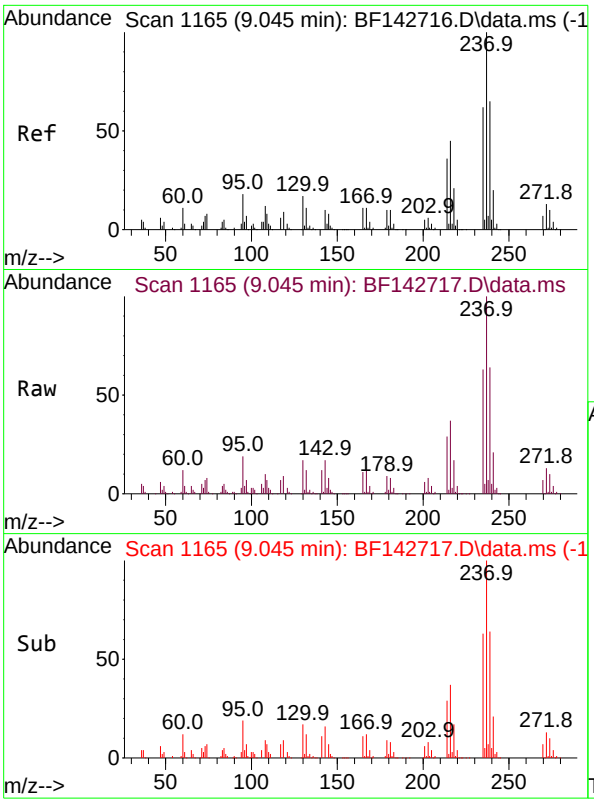


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.148 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:216 Resp: 228310

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	21.6	17.1	25.7
108	17.9	14.4	21.6



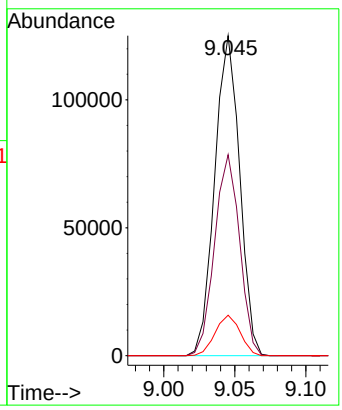


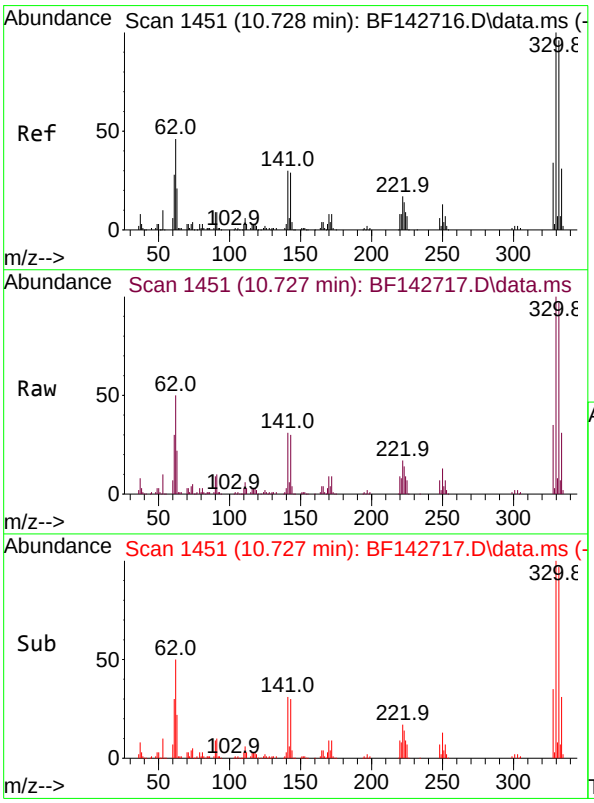
#41
Hexachlorocyclopentadiene
Concen: 59.599 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 152709

Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.9	81.9
272	12.6	0.0	32.5

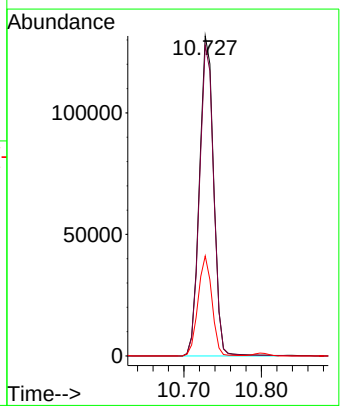


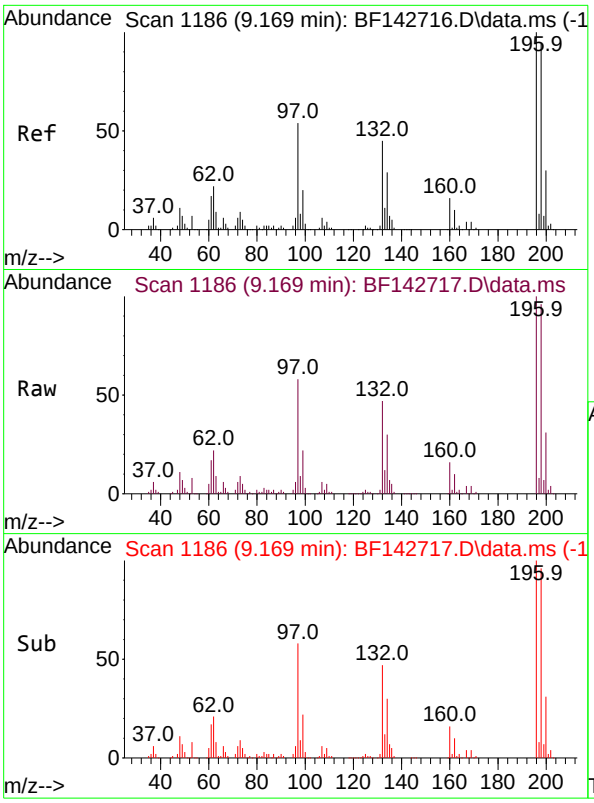


#42
2,4,6-Tribromophenol
Concen: 101.066 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:330 Resp: 167194

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.7	25.4	38.0



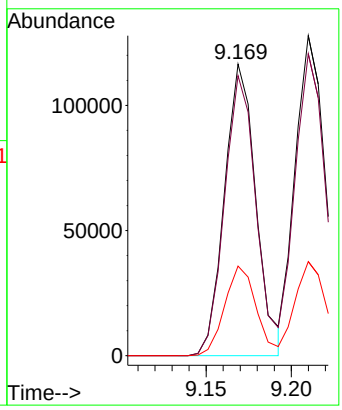


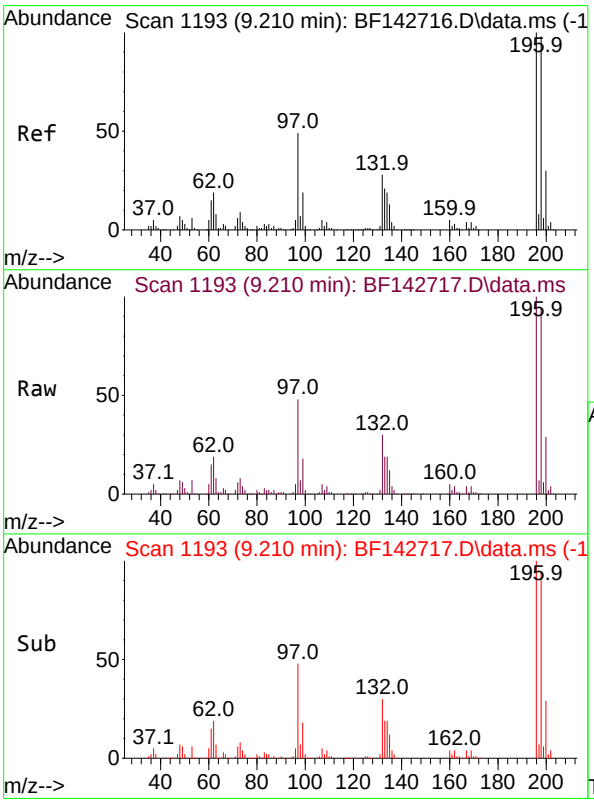
#43
2,4,6-Trichlorophenol
Concen: 53.339 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 149684

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.5	113.3
200	30.7	23.8	35.8

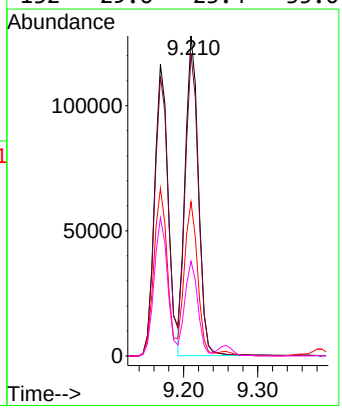


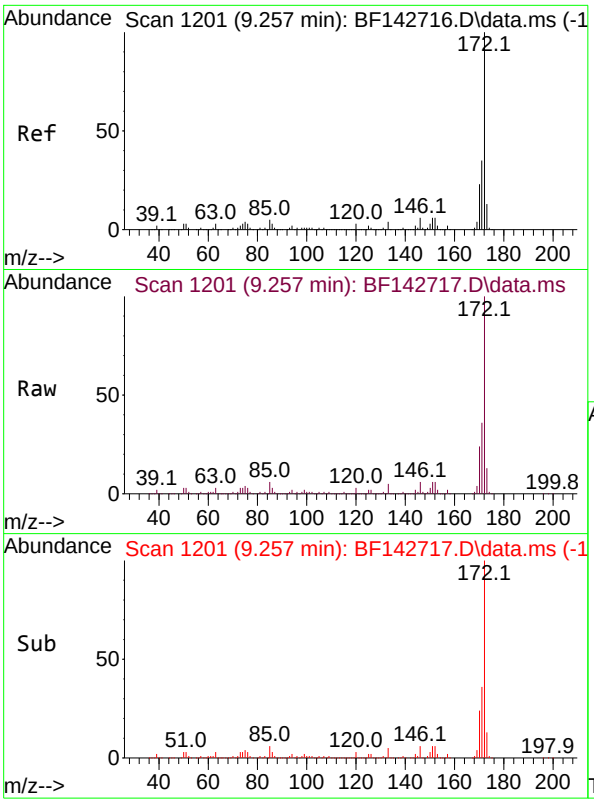


#44
2,4,5-Trichlorophenol
Concen: 52.908 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:196 Resp: 158991

Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.2	117.2
97	48.1	38.6	57.8
132	29.6	23.4	35.0



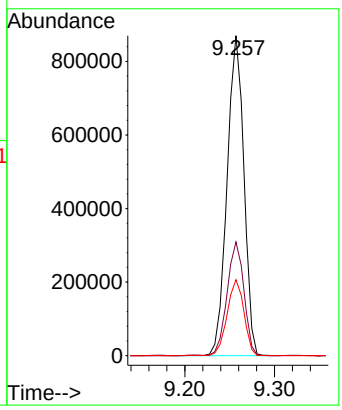


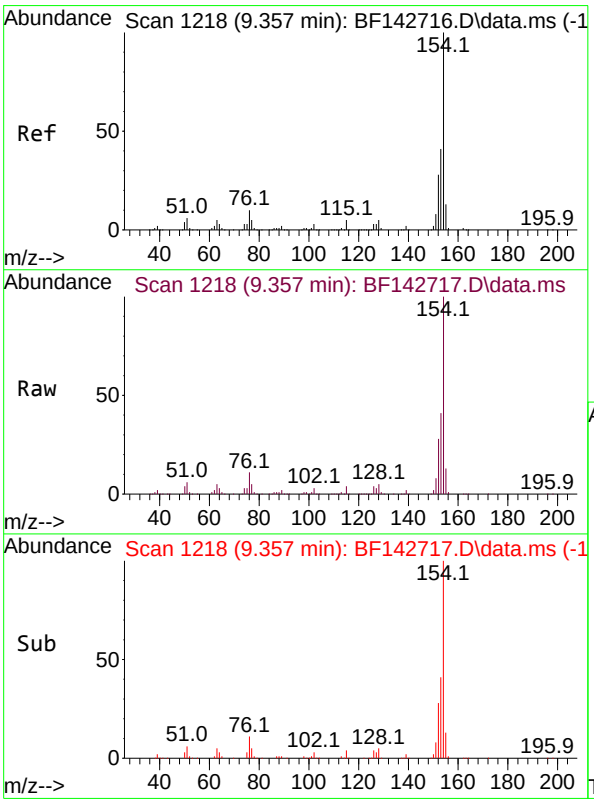
#45
2-Fluorobiphenyl
Concen: 104.193 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1133290

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.7	18.6	27.8

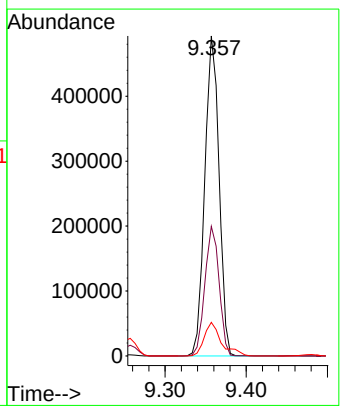


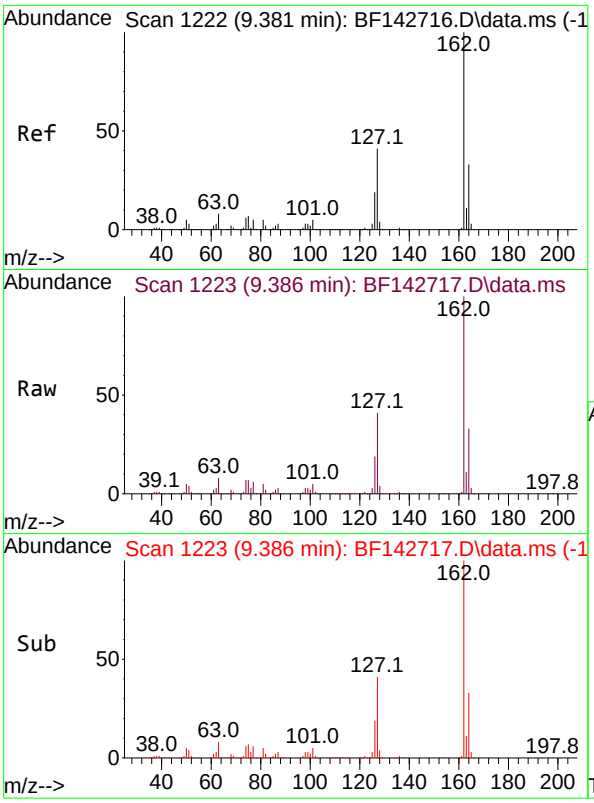


#46
1,1'-Biphenyl
Concen: 52.181 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:154 Resp: 599102

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	10.5	0.0	30.2



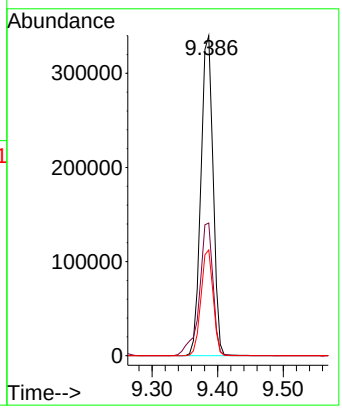


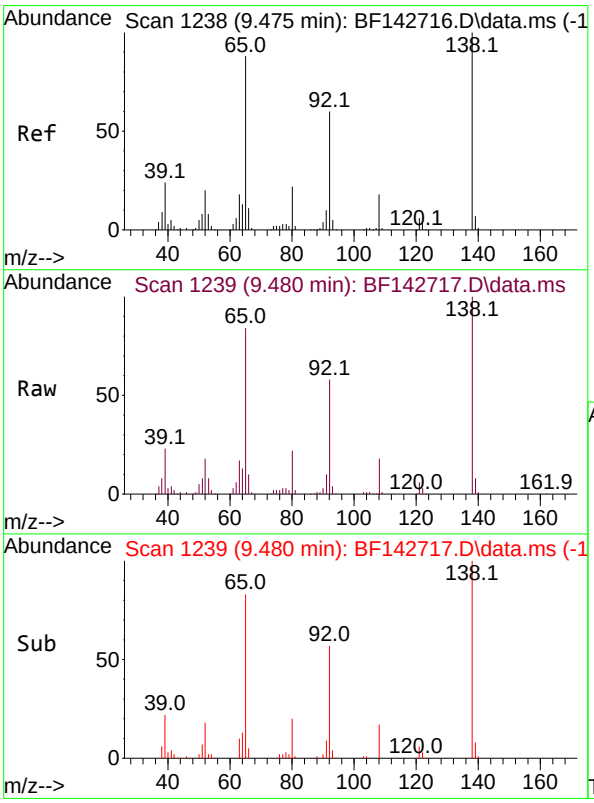
#47
2-Chloronaphthalene
Concen: 51.463 ng
RT: 9.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 442042

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.5	50.3
164	33.1	26.1	39.1

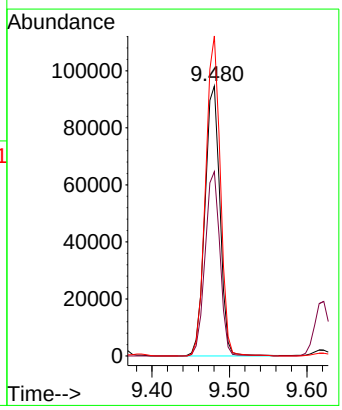


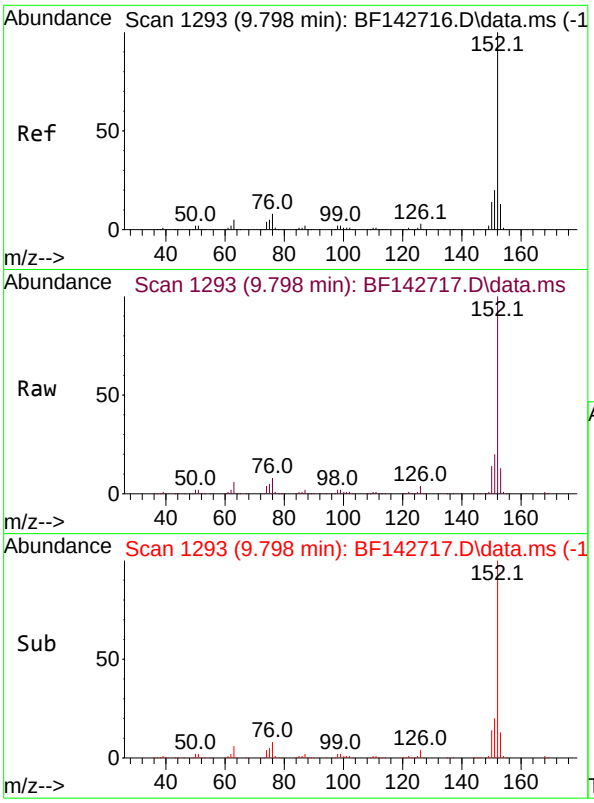


#48
2-Nitroaniline
Concen: 50.274 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion: 65 Resp: 127381

Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.5	81.7
138	118.6	90.6	136.0



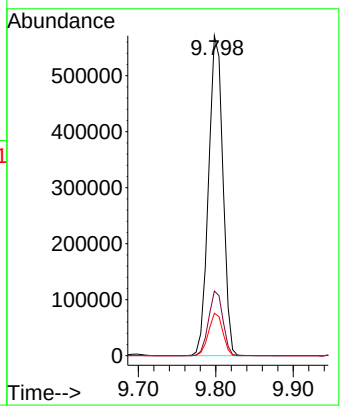


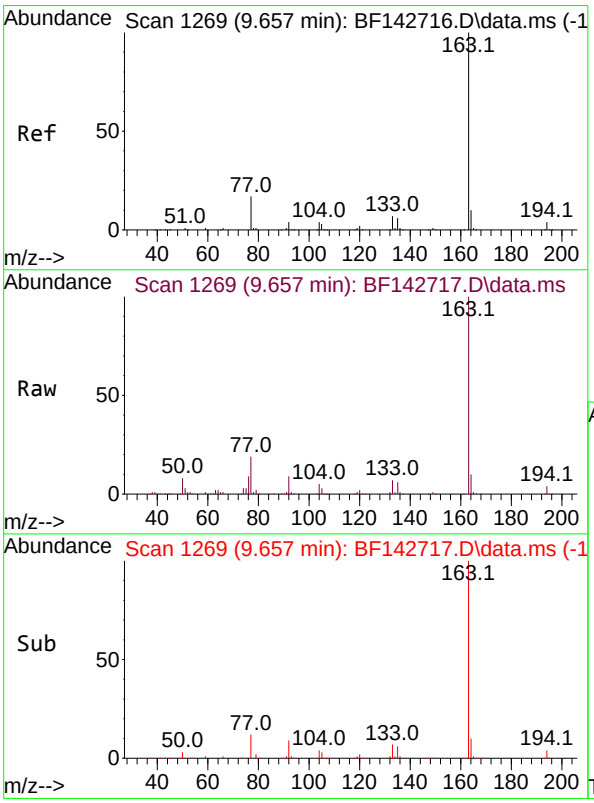
#49
Acenaphthylene
Concen: 51.597 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 735181

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.5	15.7

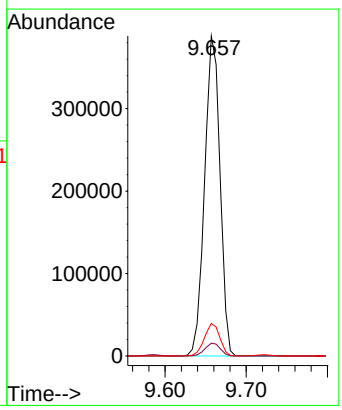


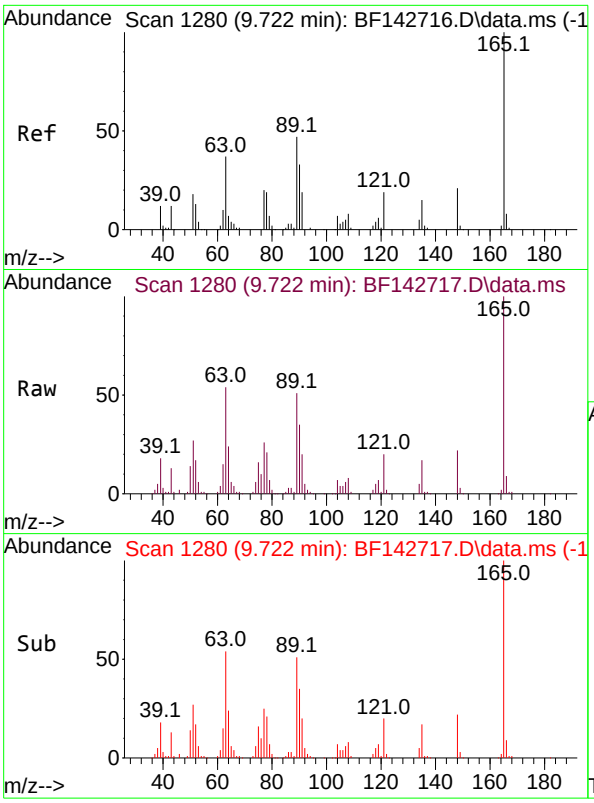


#50
Dimethylphthalate
Concen: 51.267 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:163 Resp: 509346

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.0	12.0



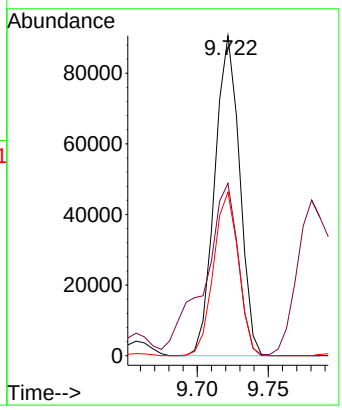


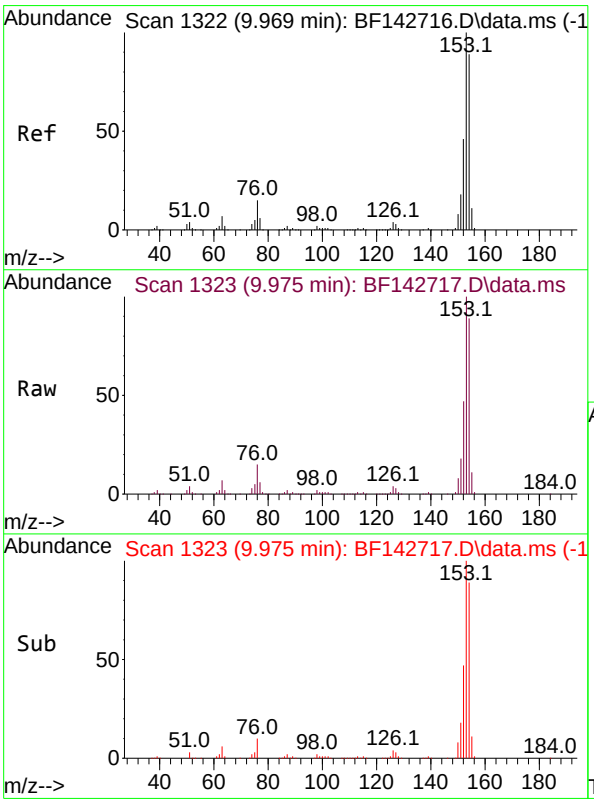
#51
2,6-Dinitrotoluene
Concen: 51.124 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 110252

Ion	Ratio	Lower	Upper
165	100		
63	53.9	40.6	60.8
89	51.2	37.6	56.4

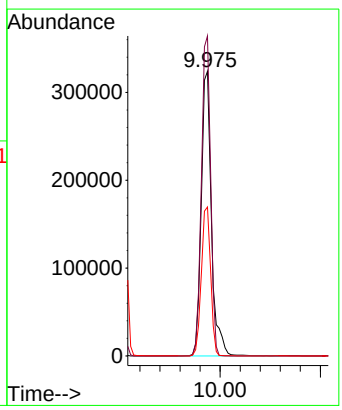


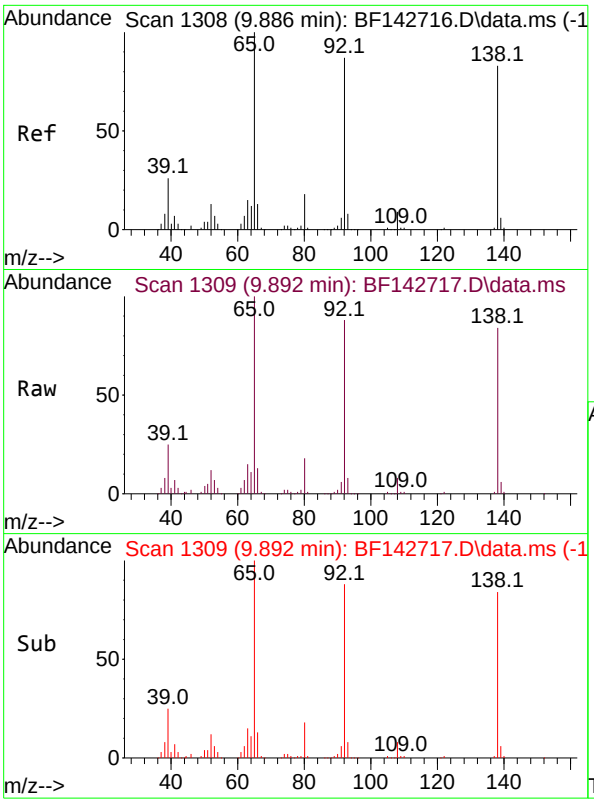


#52
Acenaphthene
Concen: 52.356 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:154 Resp: 456720

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	52.4	41.9	62.9



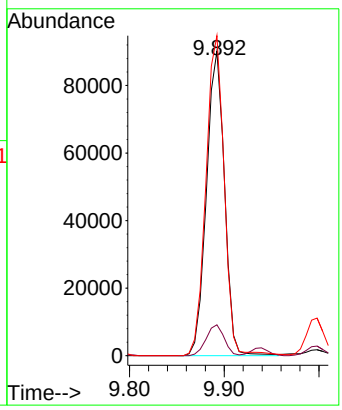


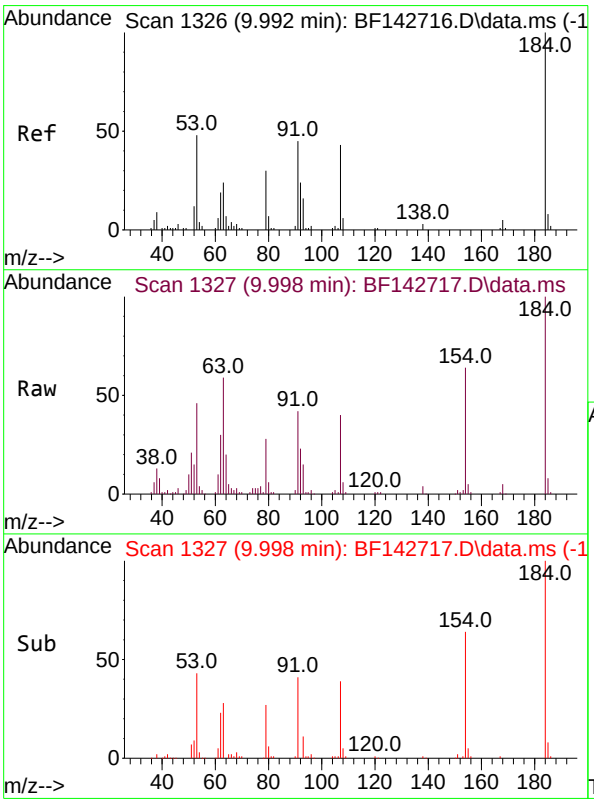
#53
3-Nitroaniline
Concen: 49.557 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 118897

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	105.1	84.6	127.0

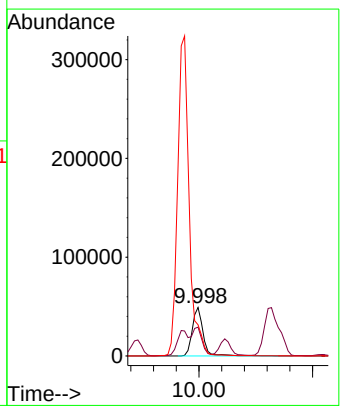


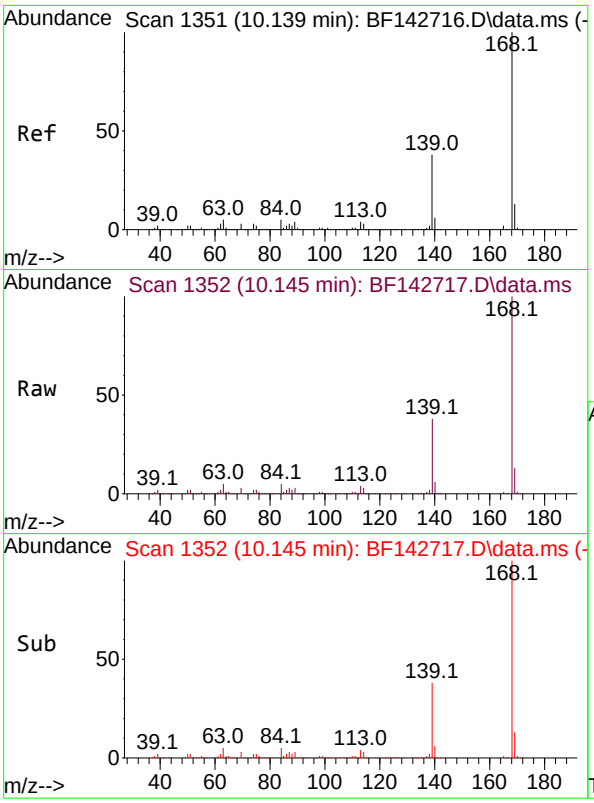


#54
2,4-Dinitrophenol
Concen: 54.883 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:184 Resp: 64948

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.7	77.5
154	64.4	60.1	90.1



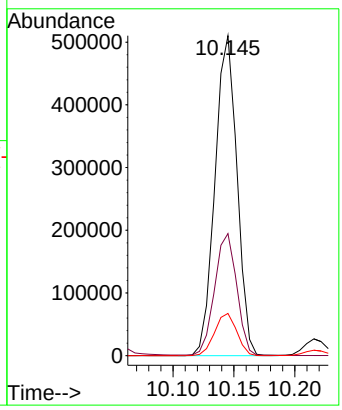


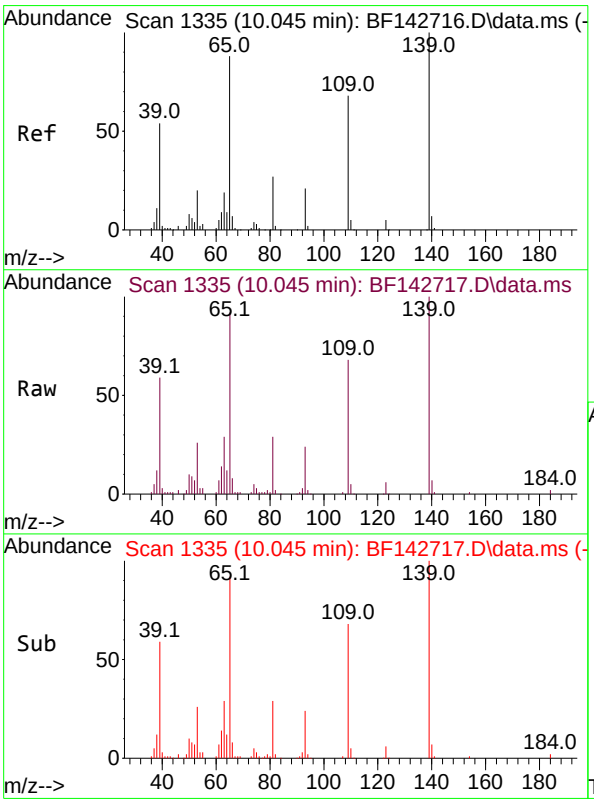
#55
Dibenzofuran
Concen: 51.361 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 642875

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.9	46.3
169	13.2	10.8	16.2

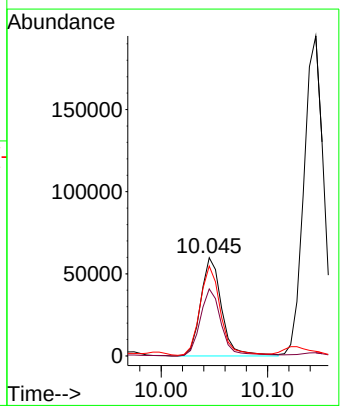


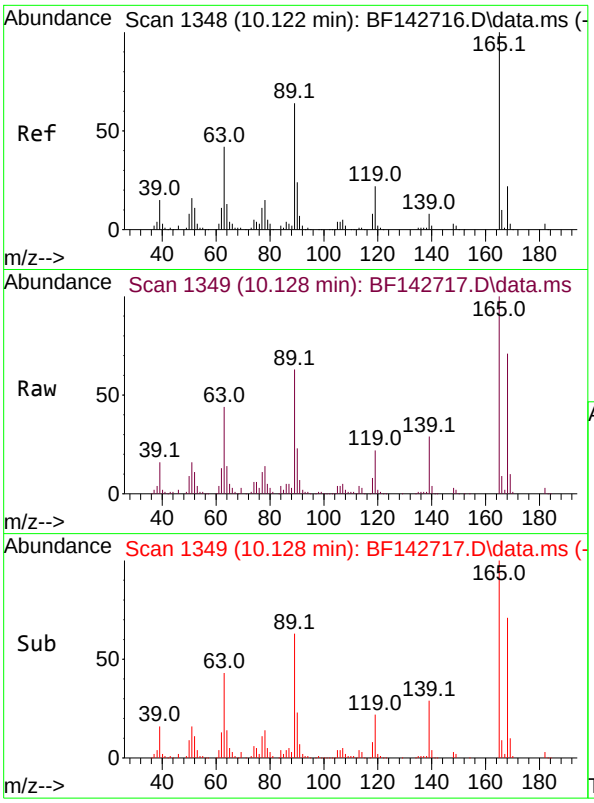


#56
4-Nitrophenol
Concen: 50.067 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:139 Resp: 82142

Ion	Ratio	Lower	Upper
139	100		
109	68.1	47.5	87.5
65	91.5	69.2	109.2



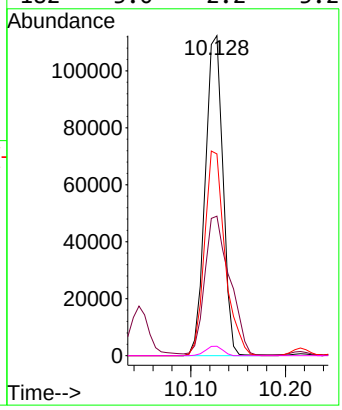


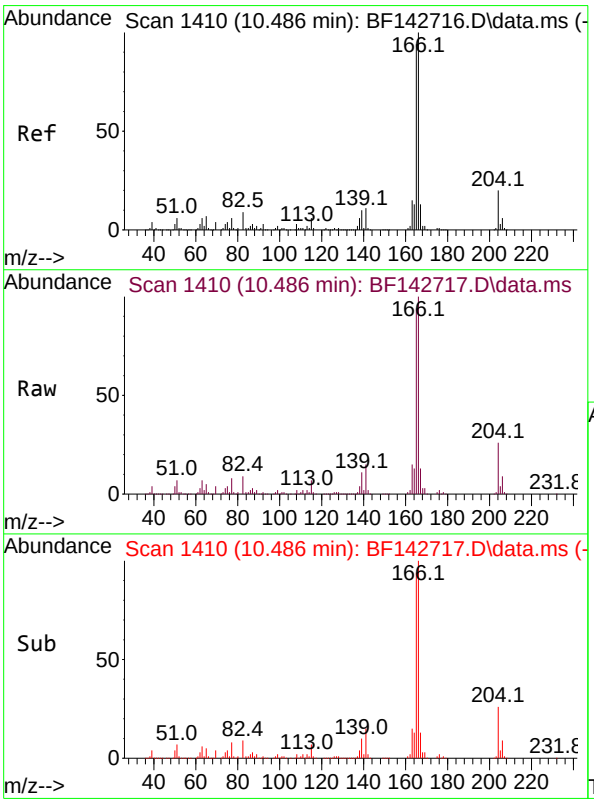
#57
2,4-Dinitrotoluene
Concen: 50.925 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 146163

Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.1	51.1
89	63.0	50.8	76.2
182	3.0	2.2	3.2

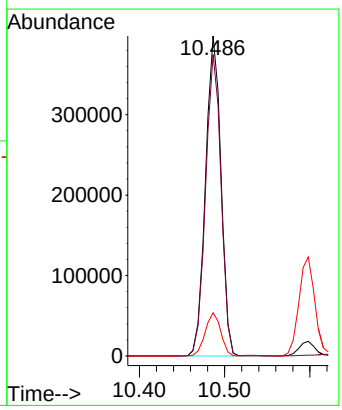


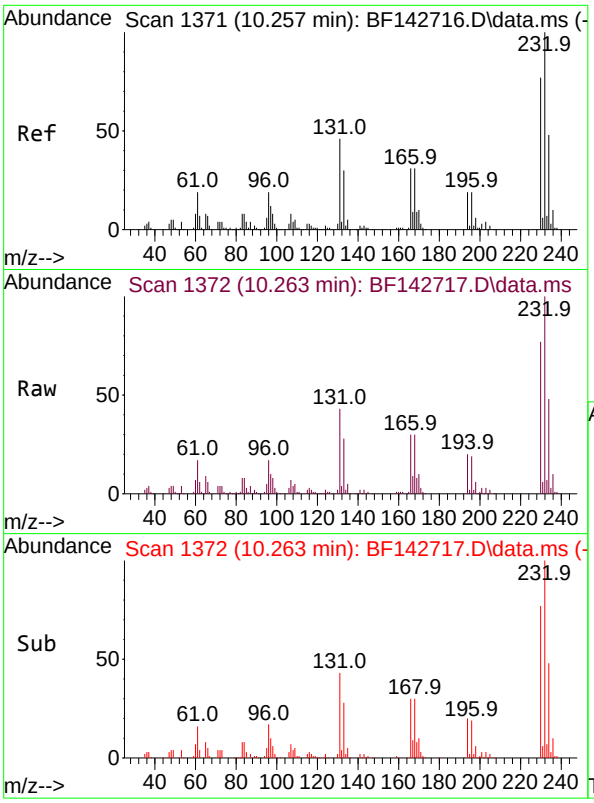


#58
Fluorene
Concen: 50.172 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:166 Resp: 501157

Ion	Ratio	Lower	Upper
166	100		
165	94.2	74.9	112.3
167	13.5	10.7	16.1



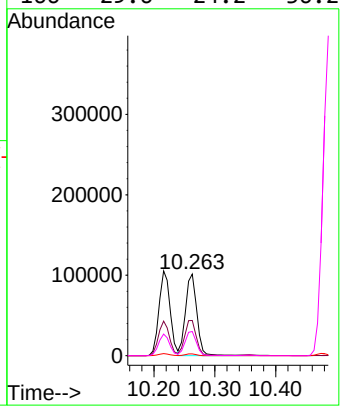


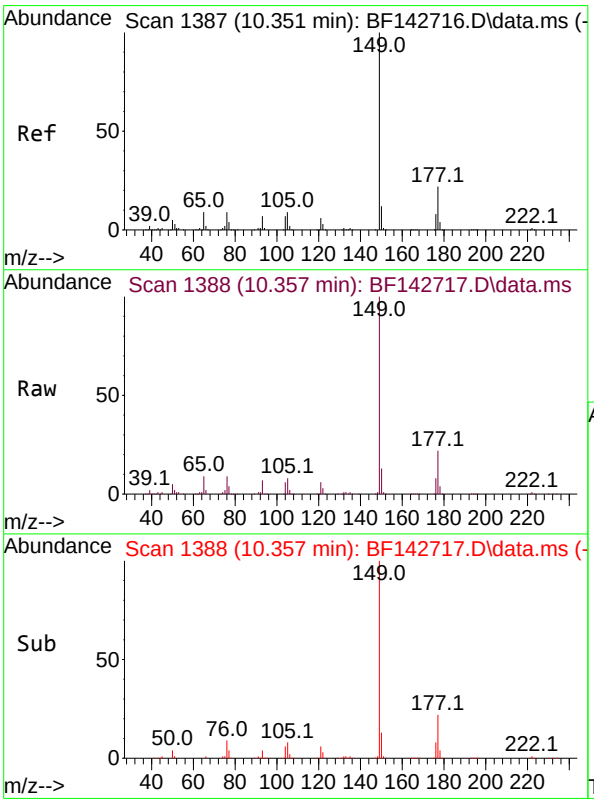
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.459 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 130800

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.8	53.8
130	2.2	1.8	2.6
166	29.6	24.2	36.2

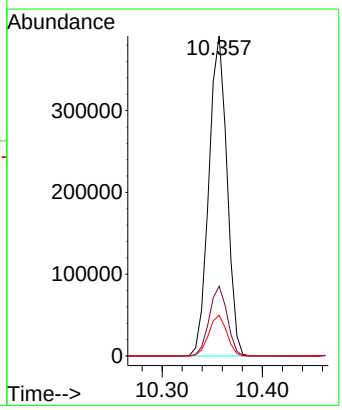


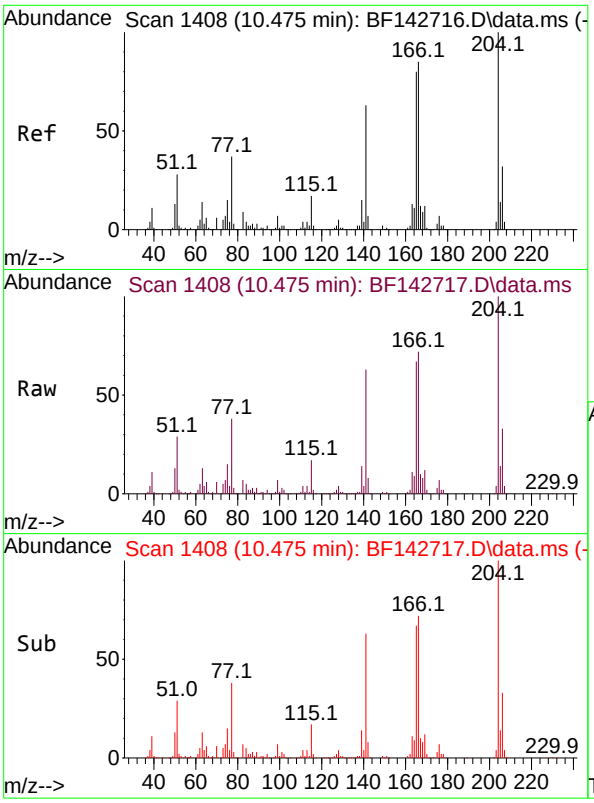


#60
Diethylphthalate
Concen: 50.889 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:149 Resp: 491909

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.0
150	12.7	10.0	15.0



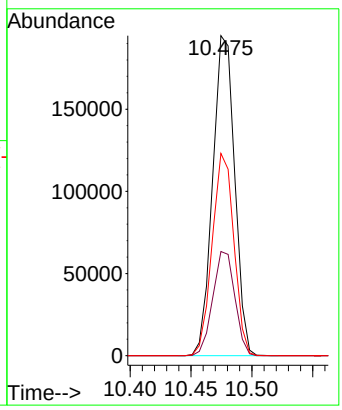


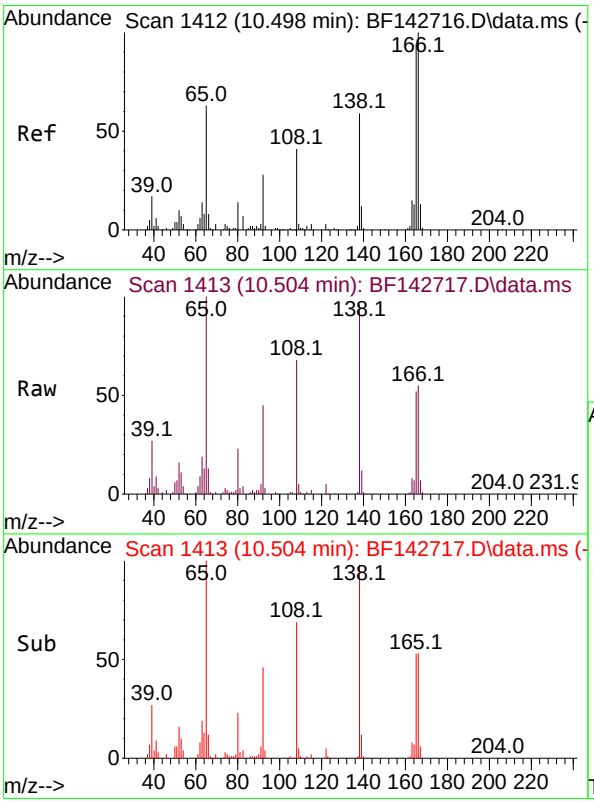
#61
4-Chlorophenyl-phenylether
Concen: 51.542 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 244758

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	63.2	50.2	75.4

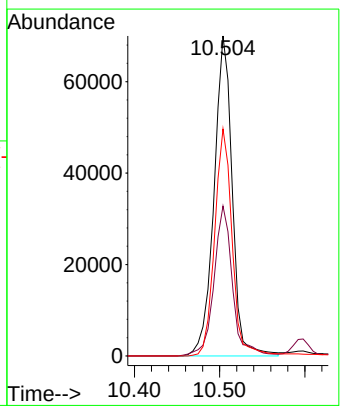


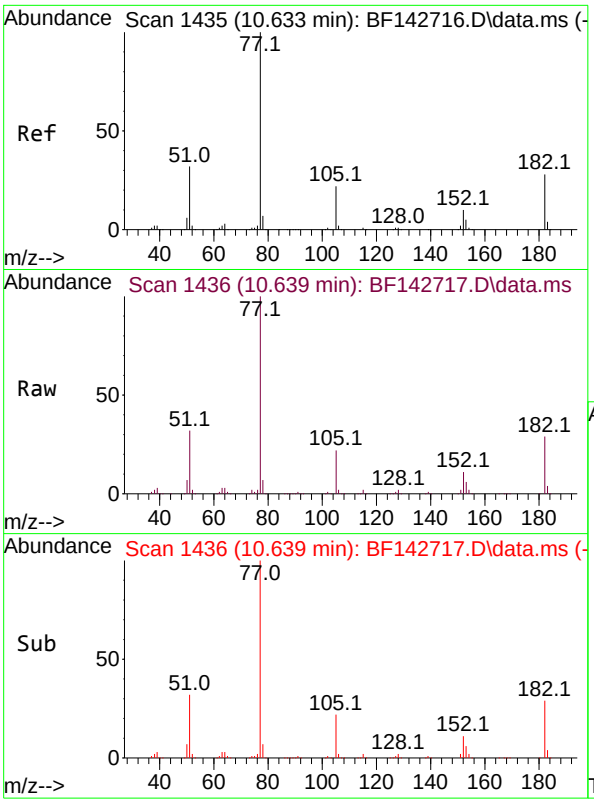


#62
4-Nitroaniline
Concen: 46.441 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:138 Resp: 104407

Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.2	67.2
108	70.9	49.9	89.9



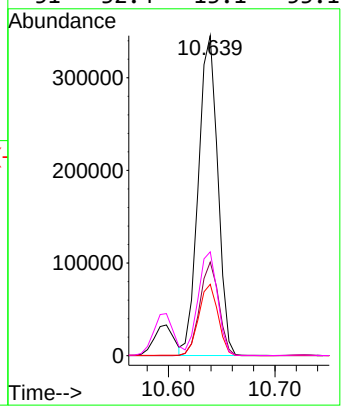


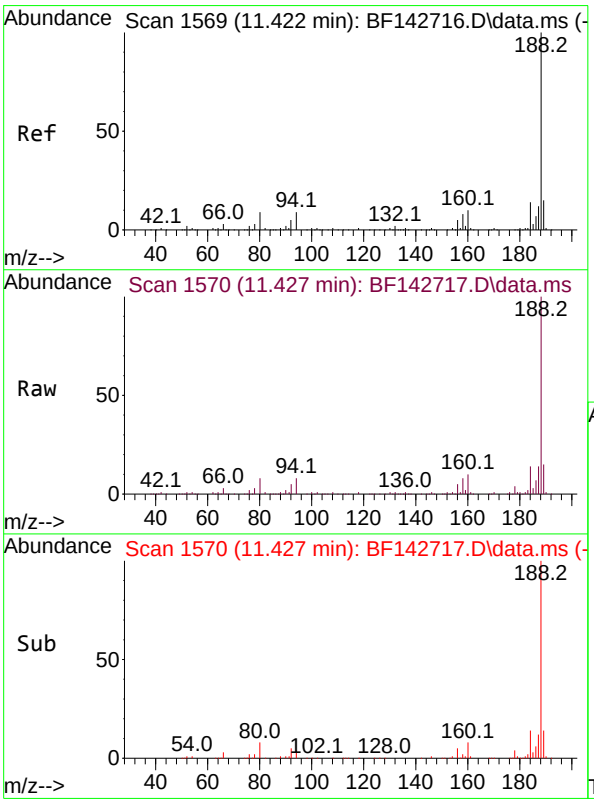
#63
Azobenzene
Concen: 50.596 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 438379

Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.8	47.8
105	22.3	1.9	41.9
51	32.4	13.1	53.1

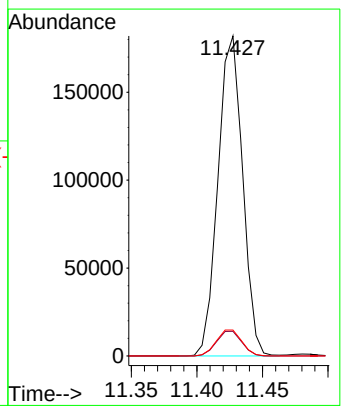


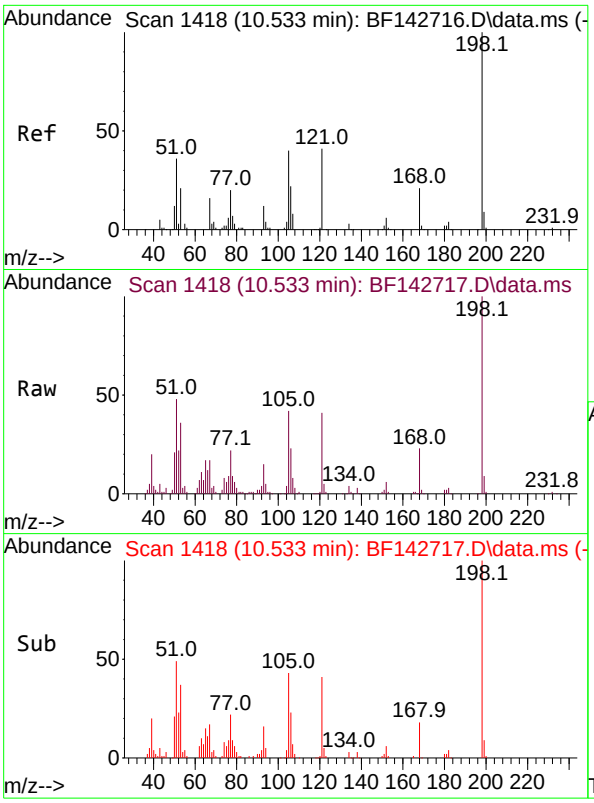


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:188 Resp: 237963

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	8.1	7.1	10.7



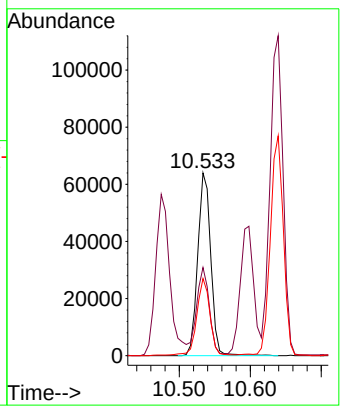


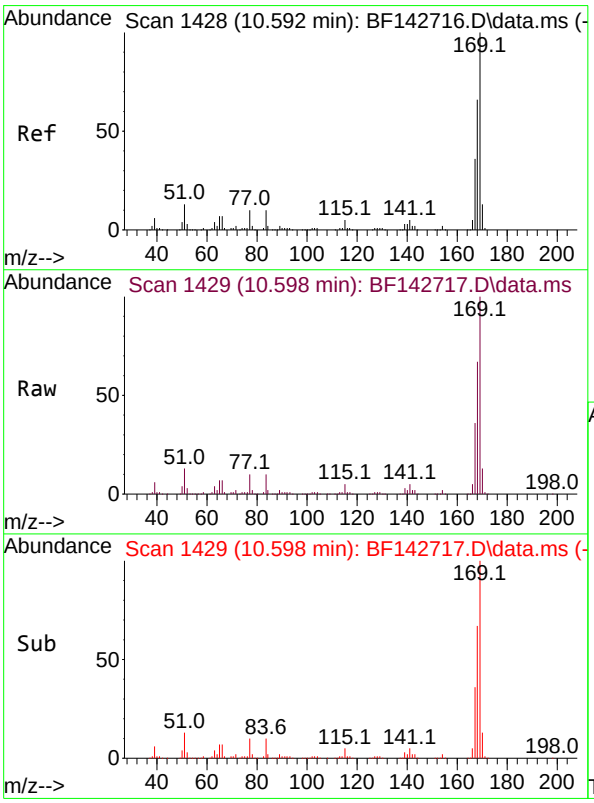
#65
4,6-Dinitro-2-methylphenol
Concen: 55.266 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 81791

Ion	Ratio	Lower	Upper
198	100		
51	48.3	25.5	65.5
105	42.2	21.1	61.1

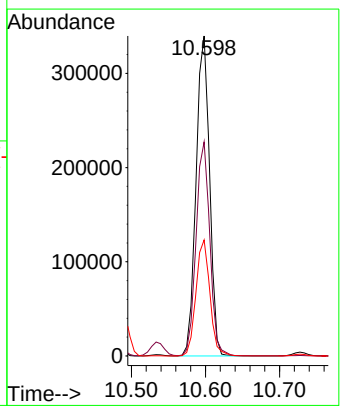


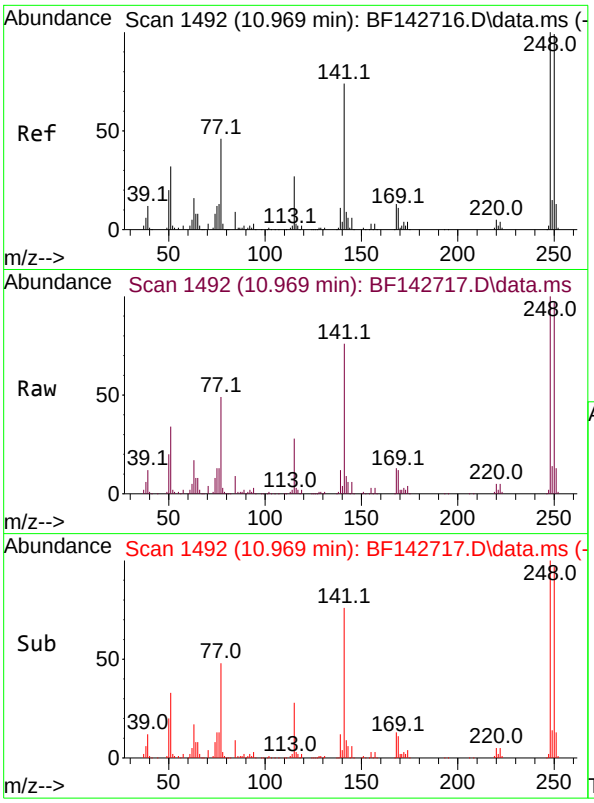


#66
n-Nitrosodiphenylamine
Concen: 55.929 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:169 Resp: 429305

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	36.2	28.7	43.1



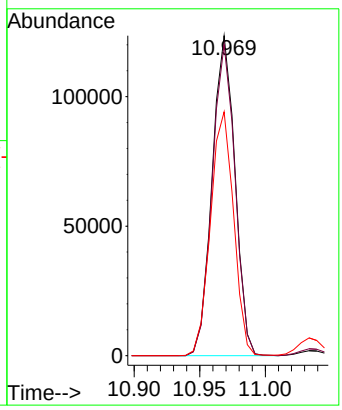


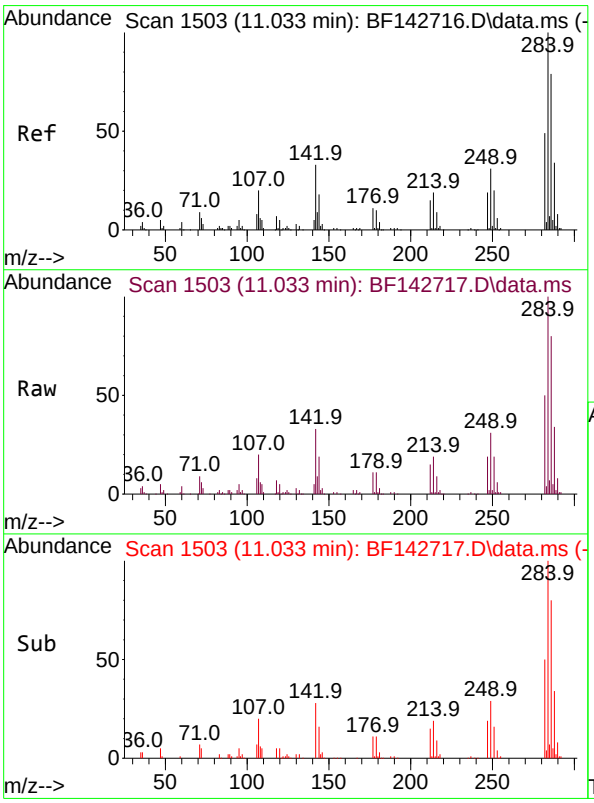
#67
4-Bromophenyl-phenylether
Concen: 56.854 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 149669

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.2	118.8
141	76.2	59.3	88.9

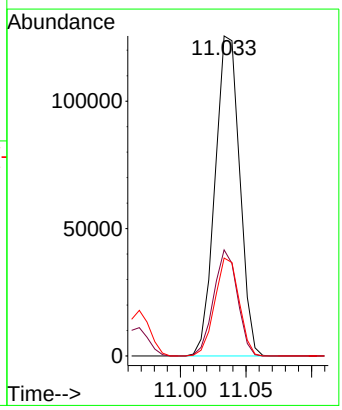


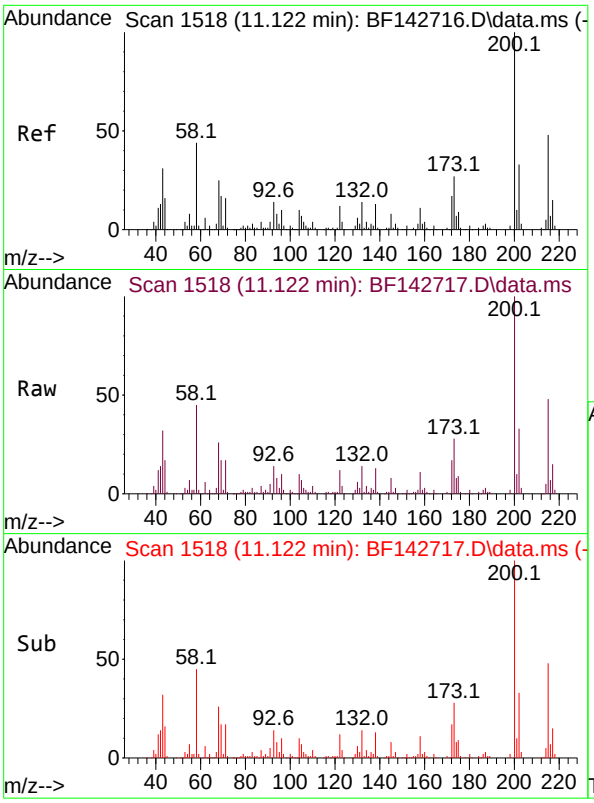


#68
Hexachlorobenzene
Concen: 54.476 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:284 Resp: 163747

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.0	39.0
249	30.6	24.6	37.0



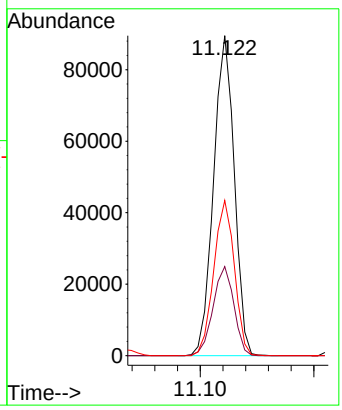


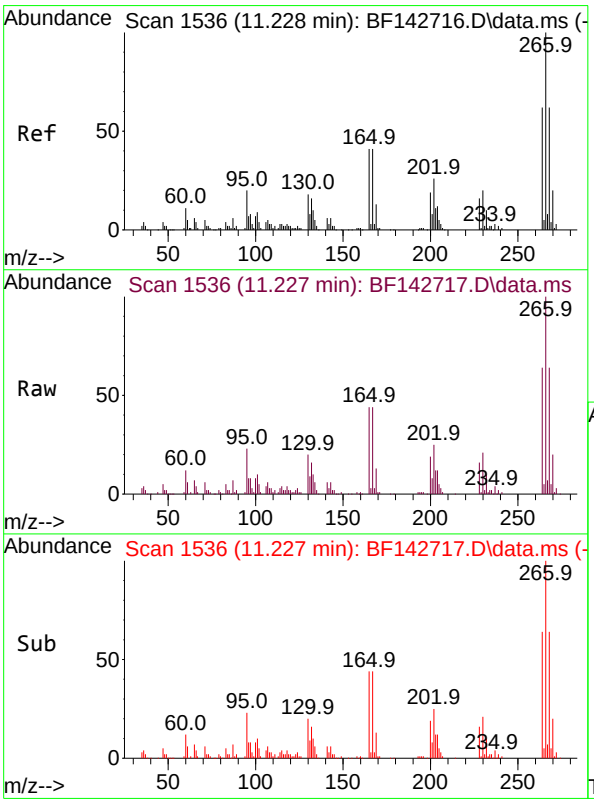
#69
Atrazine
Concen: 49.666 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 113356

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	48.5	28.2	68.2

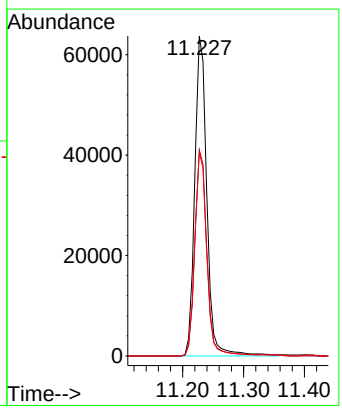


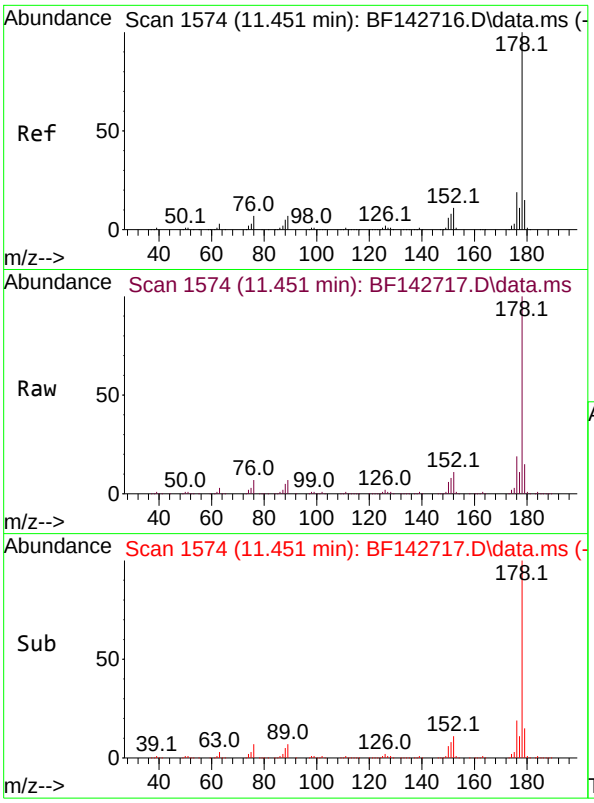


#70
Pentachlorophenol
Concen: 54.131 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:266 Resp: 87848

Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.6	74.4
264	63.8	49.5	74.3



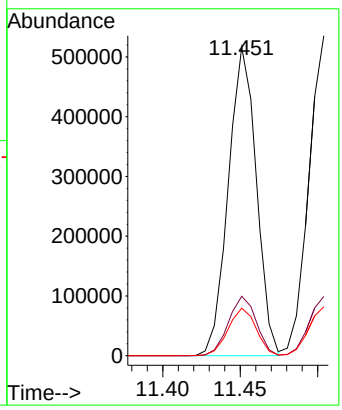


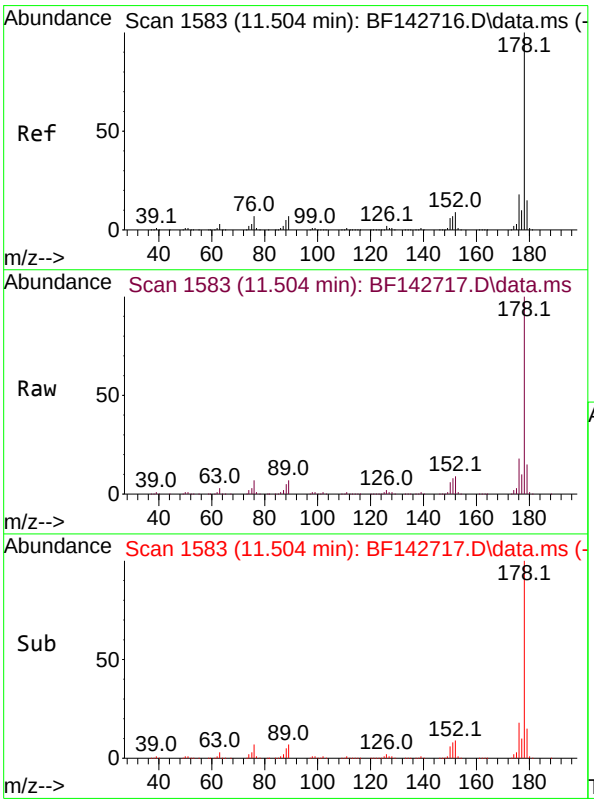
#71
Phenanthrene
Concen: 51.010 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 649264

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.2	18.4

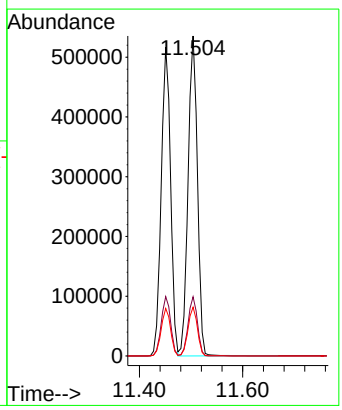


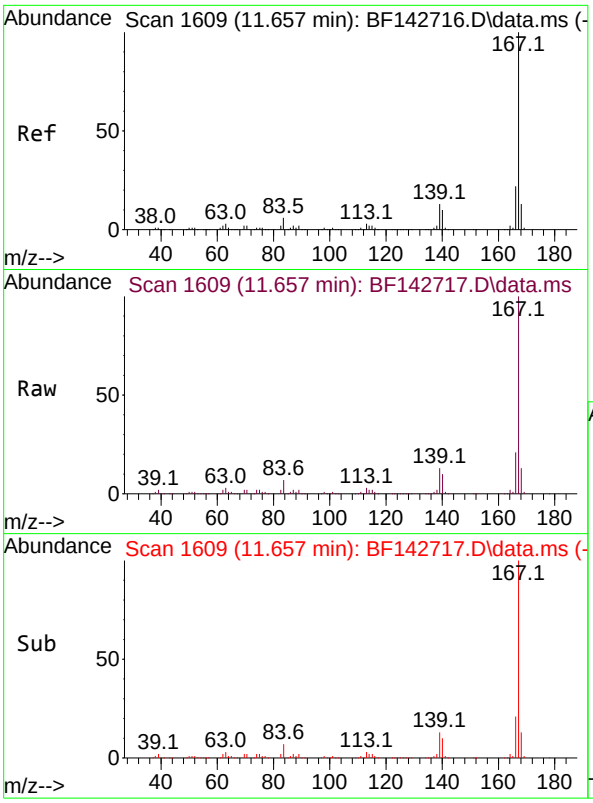


#72
Anthracene
Concen: 51.077 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:178 Resp: 673179

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.2



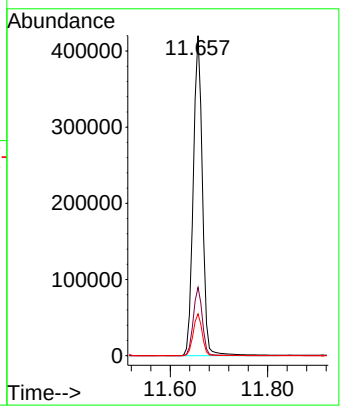


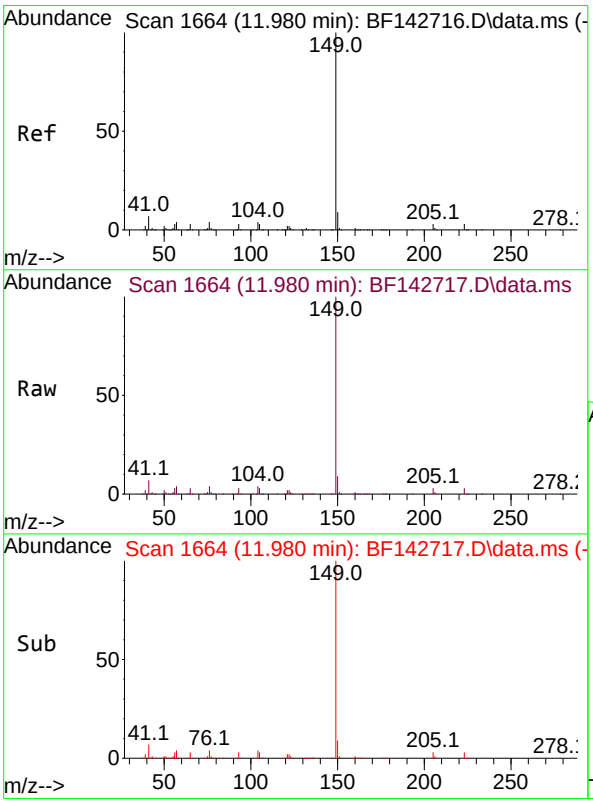
#73
Carbazole
Concen: 47.322 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 554013

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.0	10.2	15.4

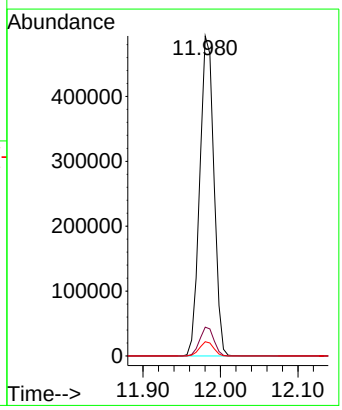


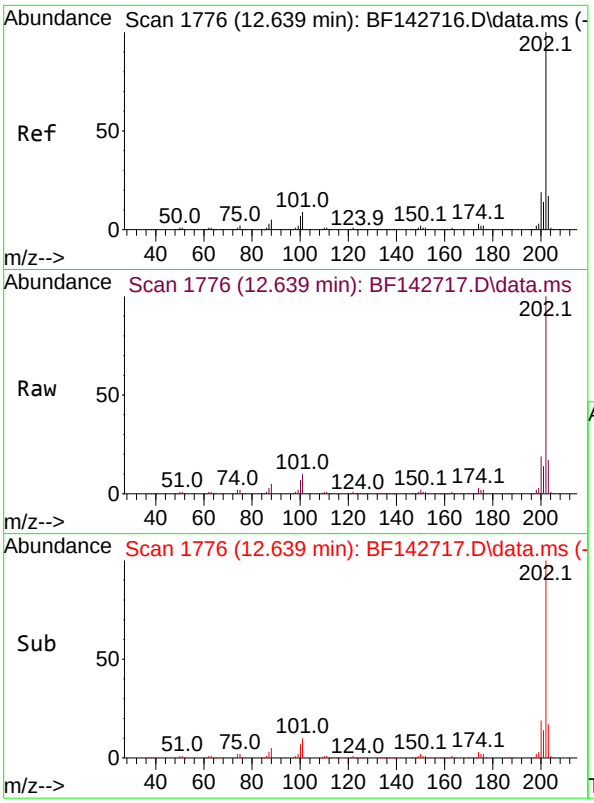


#74
Di-n-butylphthalate
Concen: 50.544 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:149 Resp: 626243

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.5	3.4	5.2



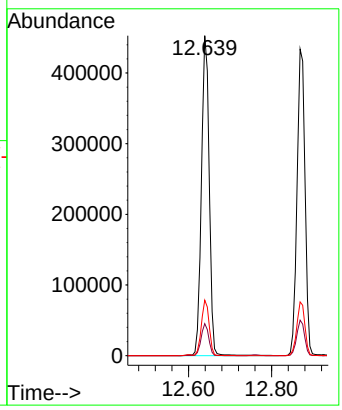


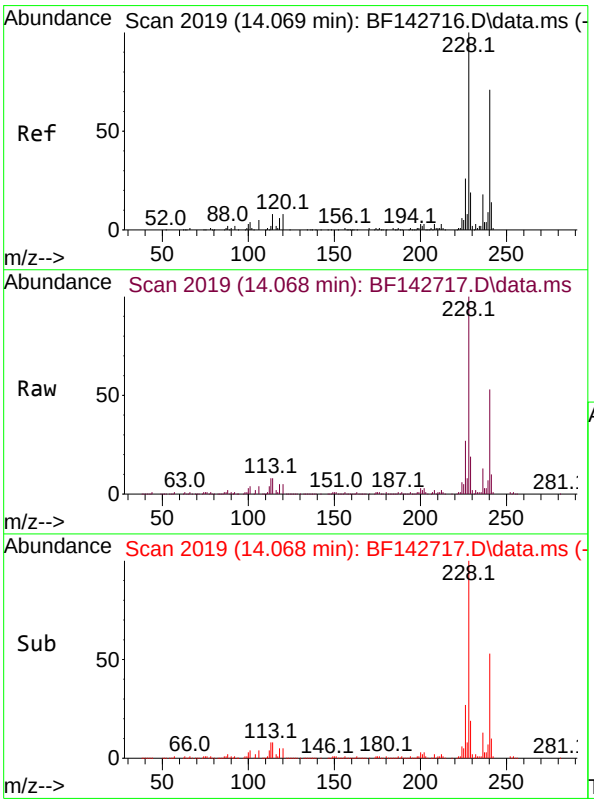
#75
Fluoranthene
Concen: 47.504 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 588066

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.5
203	17.4	0.0	37.0

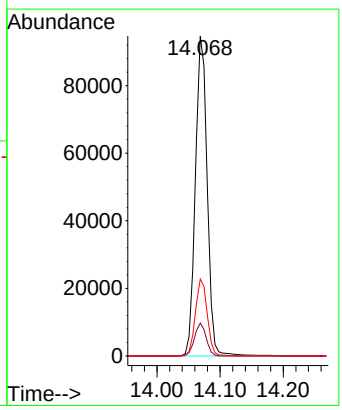


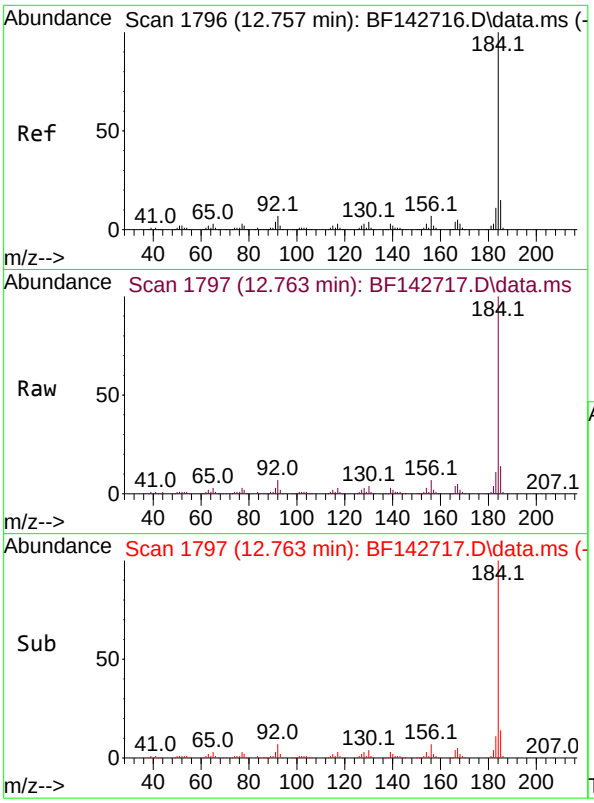


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:240 Resp: 123118

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	24.0	20.1	30.1



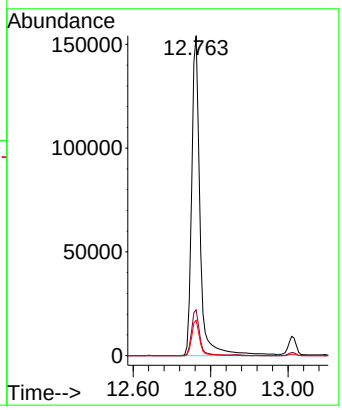


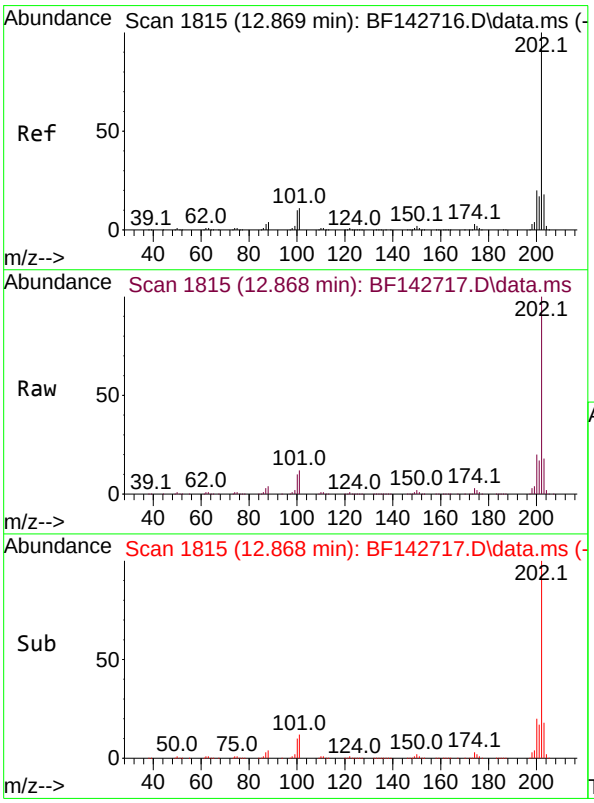
#77
Benzidine
Concen: 53.721 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 232203

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.7	17.5
183	11.1	8.6	12.8

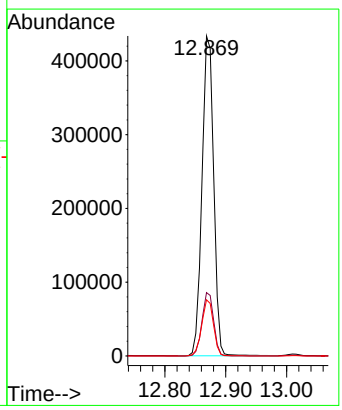


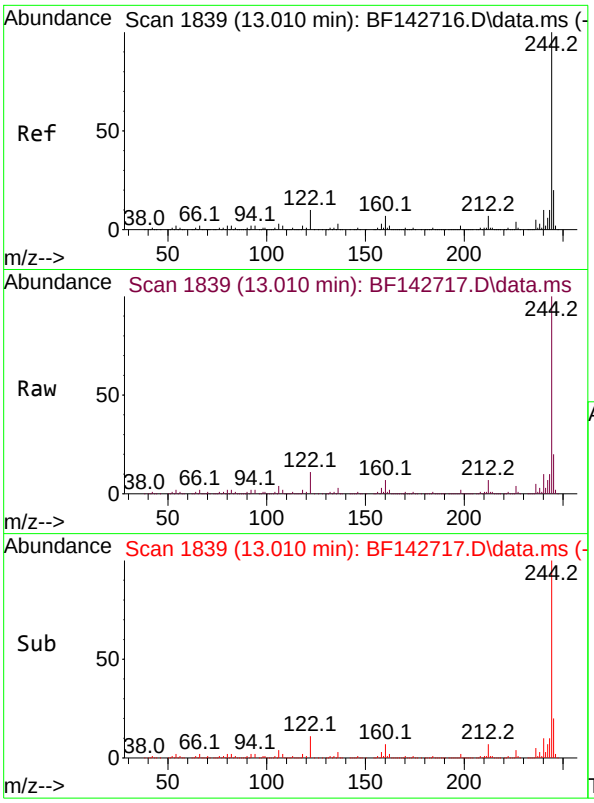


#78
Pyrene
Concen: 55.596 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:202 Resp: 578151

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.5	14.1	21.1



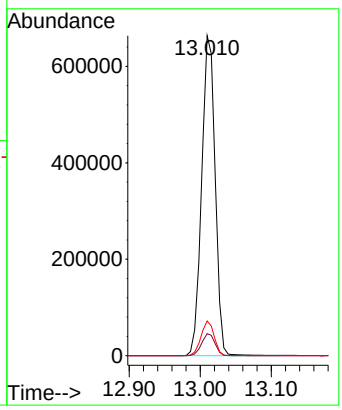


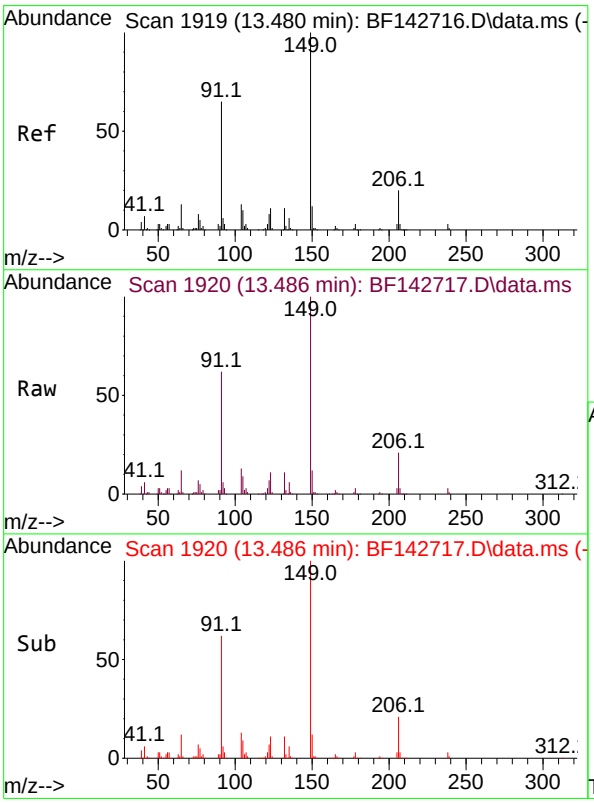
#79
Terphenyl-d14
Concen: 108.612 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 880299

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.8	8.3	12.5

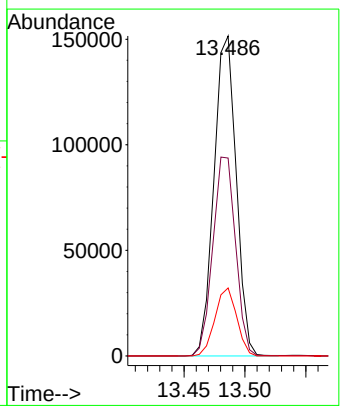


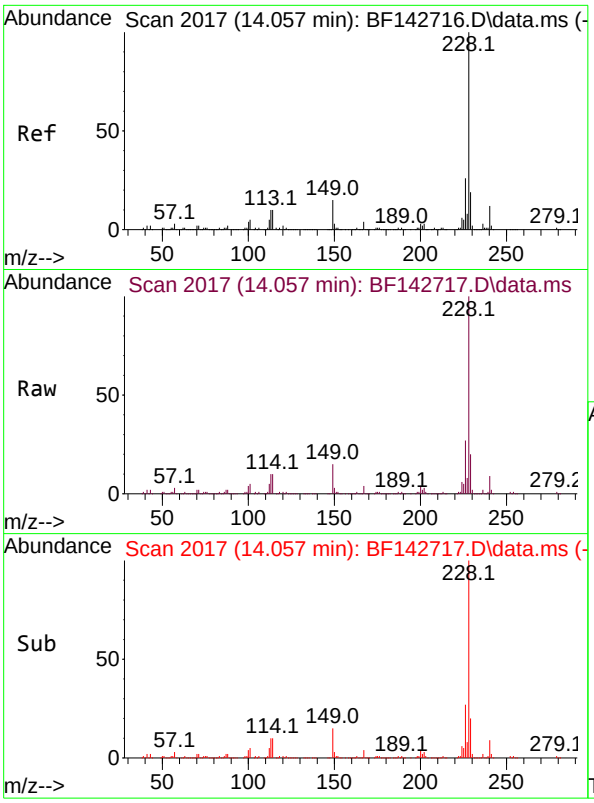


#80
Butylbenzylphthalate
Concen: 60.694 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:149 Resp: 192765

Ion	Ratio	Lower	Upper
149	100		
91	61.8	52.3	78.5
206	21.2	16.0	24.0



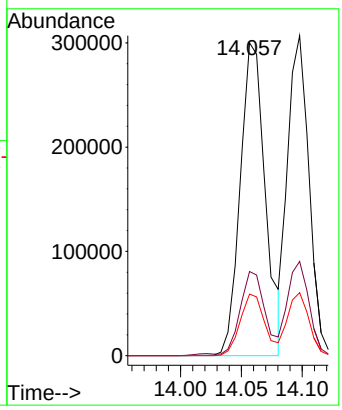


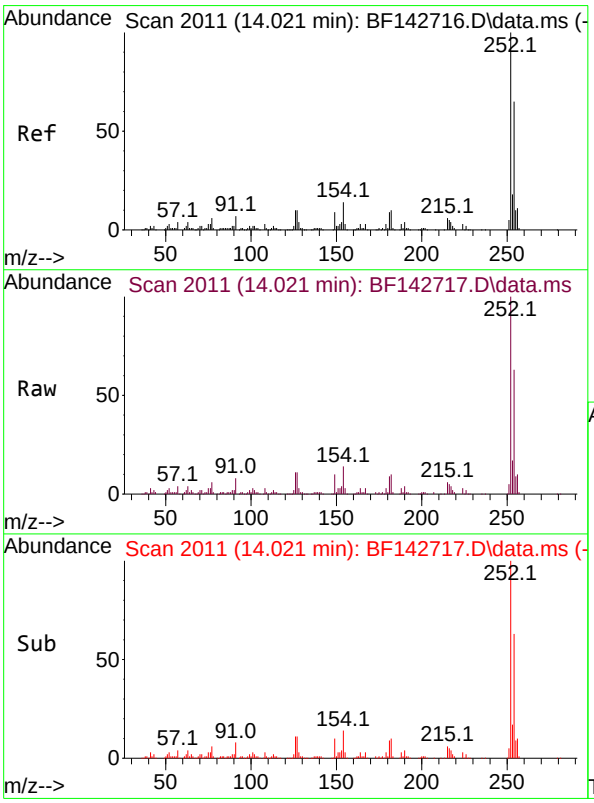
#81
Benzo(a)anthracene
Concen: 53.559 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 430896

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.7	15.5	23.3

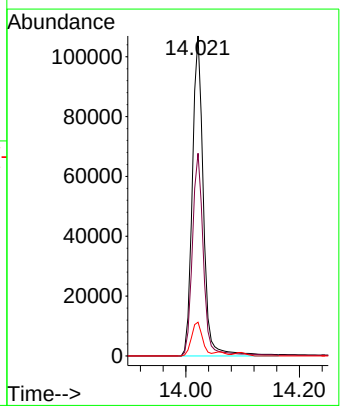


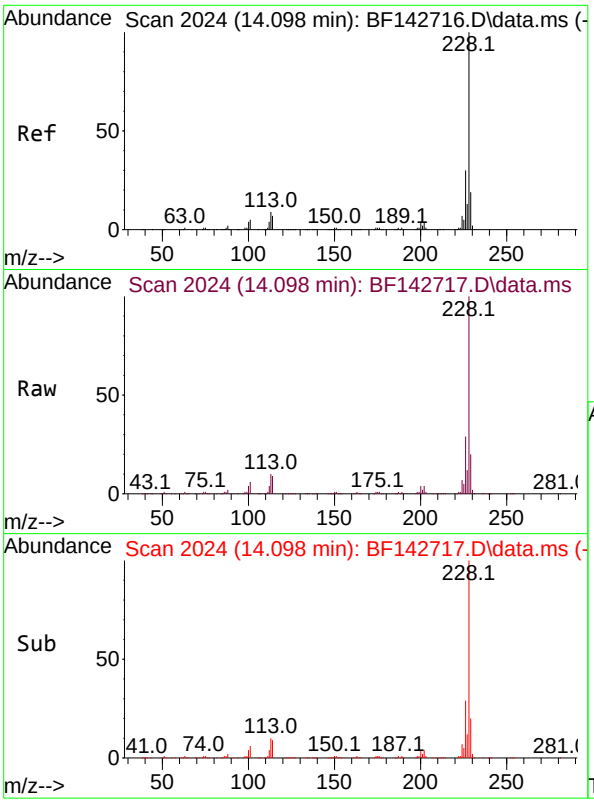


#82
3,3'-Dichlorobenzidine
Concen: 56.587 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:252 Resp: 145475

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	10.5	8.1	12.1



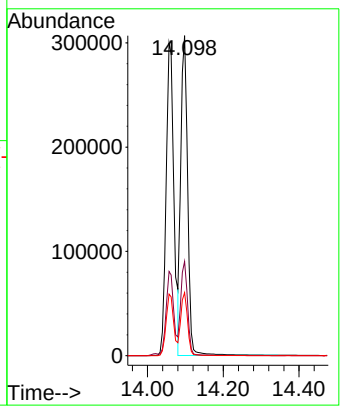


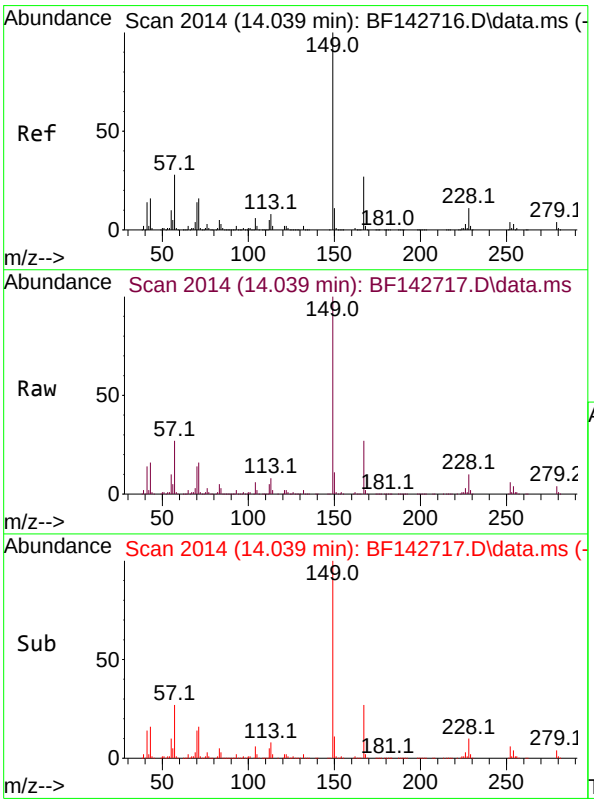
#83
Chrysene
Concen: 51.006 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 384783

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	19.7	15.5	23.3

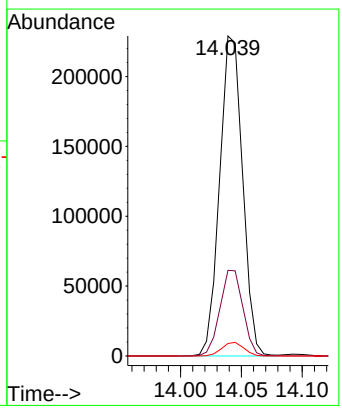


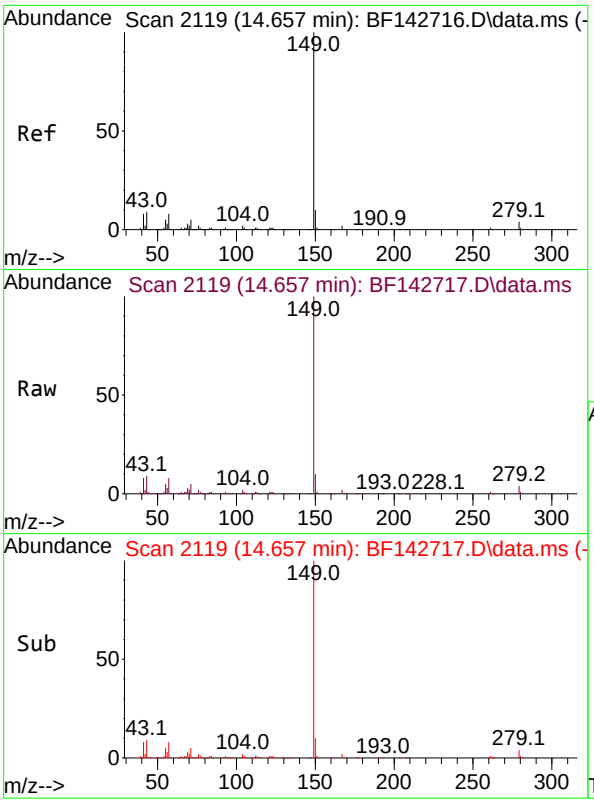


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.382 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:149 Resp: 300617

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	3.9	3.0	4.4



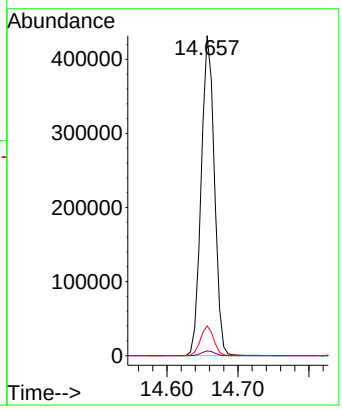


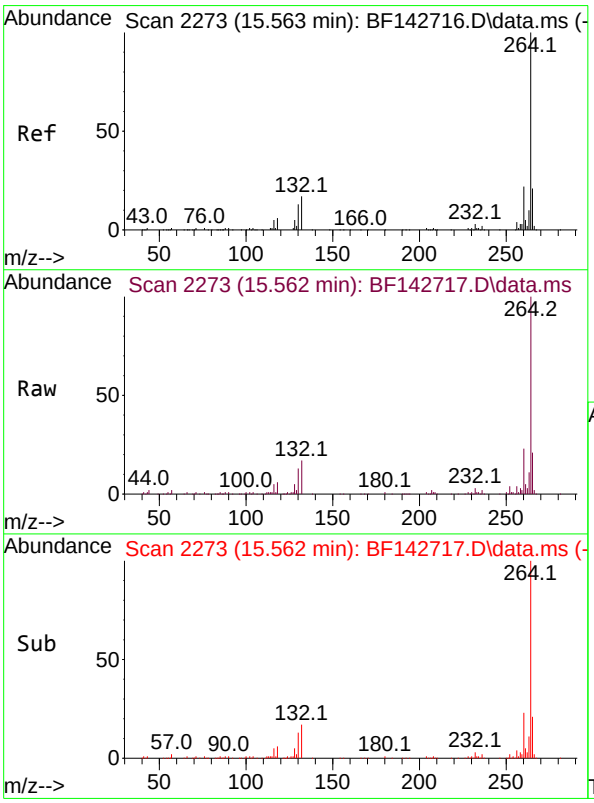
#85
Di-n-octyl phthalate
Concen: 74.939 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 558942

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	7.3	10.9

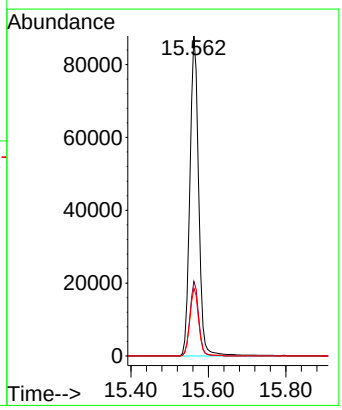


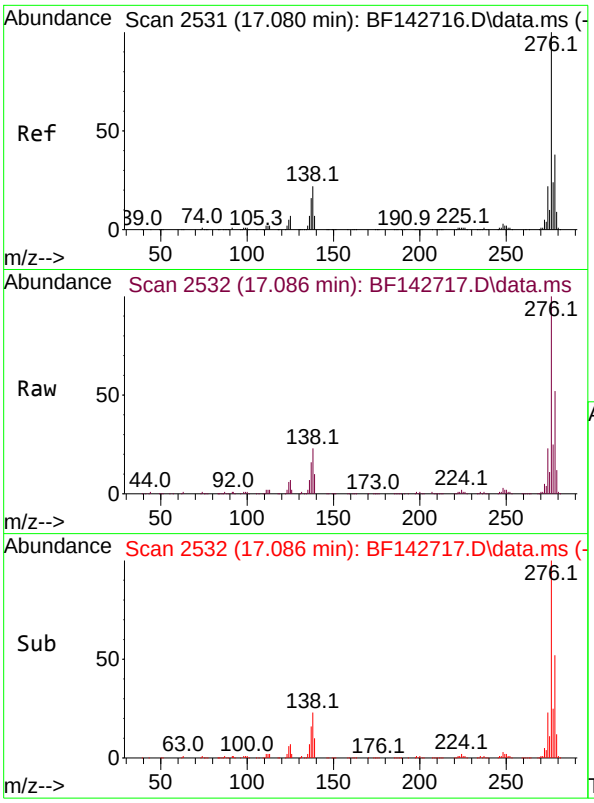


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:264 Resp: 138610

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.6
265	21.2	16.6	25.0



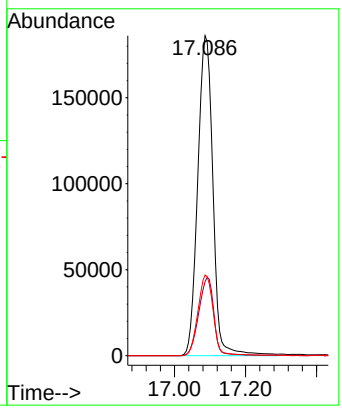


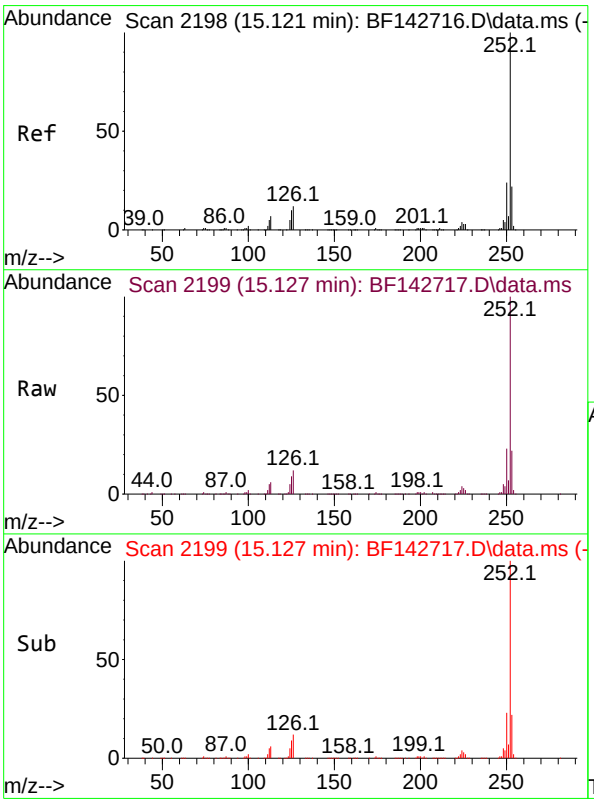
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.142 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 554977

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	25.4	20.2	30.2

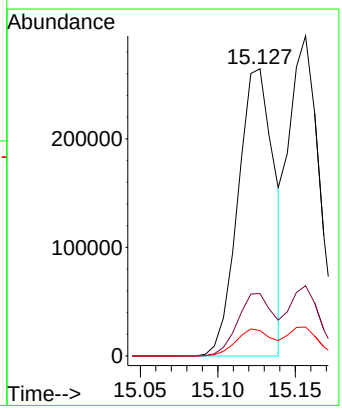


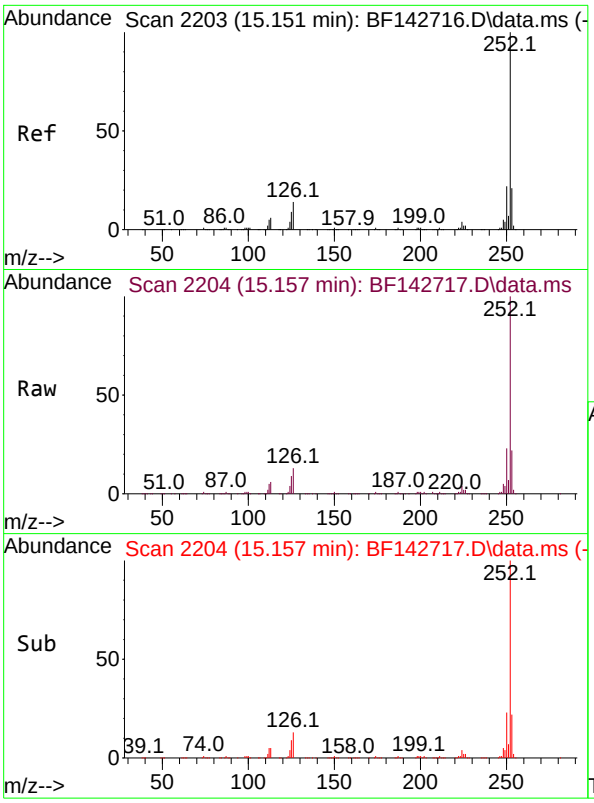


#88
Benzo(b)fluoranthene
Concen: 51.292 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:252 Resp: 426102

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.8	7.8	11.6



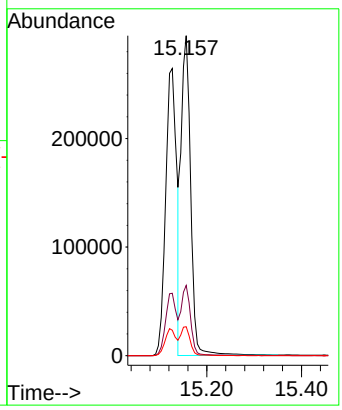


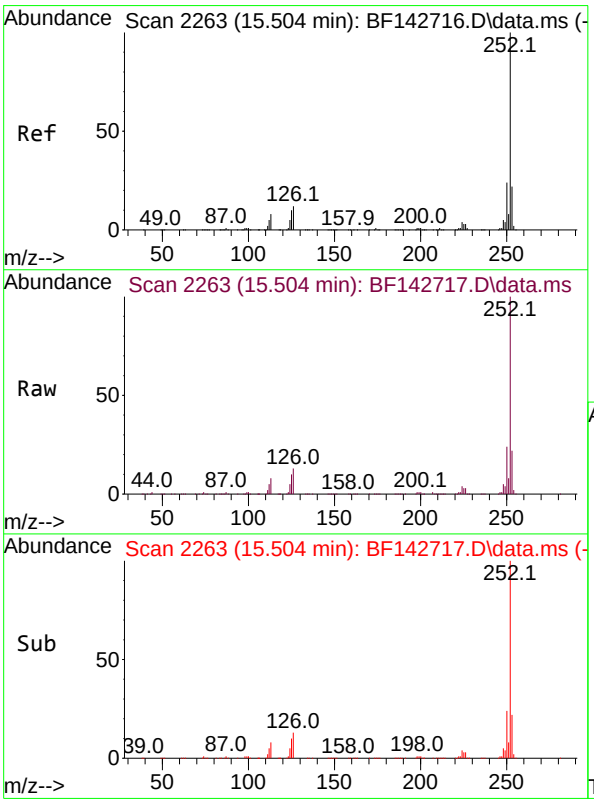
#89
Benzo(k)fluoranthene
Concen: 53.637 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 412174

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.0	7.5	11.3

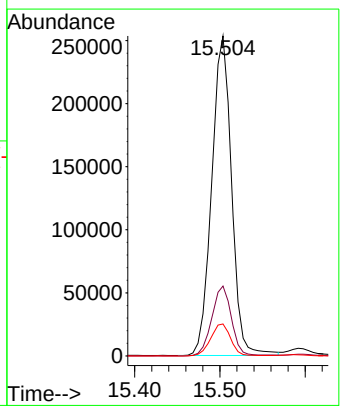


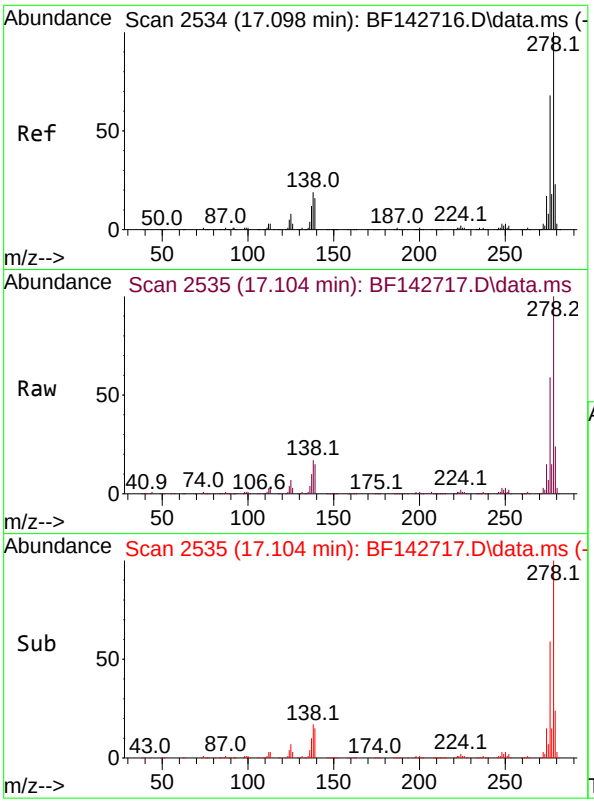


#90
Benzo(a)pyrene
Concen: 52.868 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:252 Resp: 410292

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.0	8.0	12.0



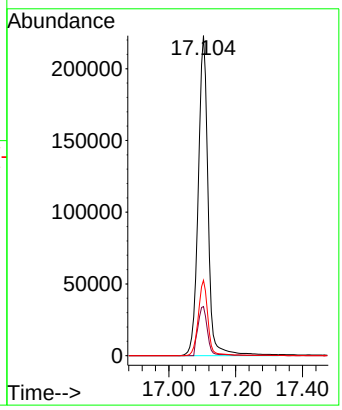


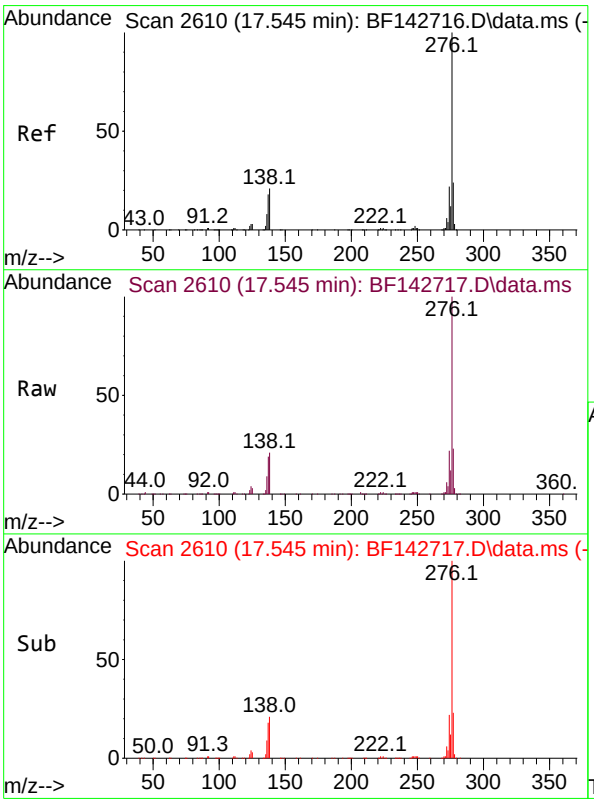
#91
Dibenzo(a,h)anthracene
Concen: 57.070 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 456552

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	23.6	18.7	28.1

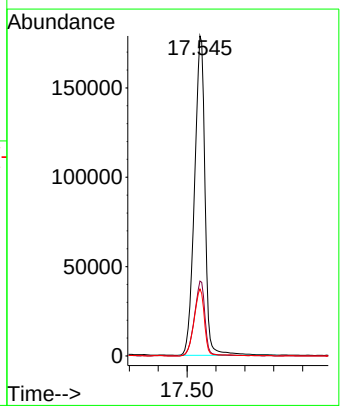




#92
Benzo(g,h,i)perylene
Concen: 54.423 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:276 Resp: 448634

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	76540	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	294522	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	160126	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	252673	20.000	ng	0.00
76) Chrysene-d12	14.074	240	135419	20.000	ng	0.00
86) Perylene-d12	15.563	264	154871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	531105	117.579	ng	0.00
7) Phenol-d6	6.528	99	632168	119.674	ng	0.00
23) Nitrobenzene-d5	7.463	82	641890	119.550	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	201726	112.478	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1346667	114.204	ng	0.00
79) Terphenyl-d14	13.016	244	1078559	120.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	105536	61.008	ng	99
3) Pyridine	3.440	79	273987	61.500	ng	99
4) n-Nitrosodimethylamine	3.405	42	141690	64.724	ng	99
6) Aniline	6.557	93	427361	60.241	ng	94
8) 2-Chlorophenol	6.681	128	295212	59.766	ng	98
9) Benzaldehyde	6.446	77	162597	54.343	ng	99
10) Phenol	6.540	94	355251	60.220	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	259733	60.102	ng	98
12) 1,3-Dichlorobenzene	6.834	146	323976	58.594	ng	98
13) 1,4-Dichlorobenzene	6.910	146	328599	58.333	ng	99
14) 1,2-Dichlorobenzene	7.063	146	315832	58.801	ng	99
15) Benzyl Alcohol	7.040	79	243700	62.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	400983	57.334	ng	96
17) 2-Methylphenol	7.145	107	228521	60.631	ng	99
18) Hexachloroethane	7.410	117	119800	61.325	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	198117	63.413	ng	99
20) 3+4-Methylphenols	7.304	107	279582	60.024	ng	99
22) Acetophenone	7.310	105	382998	59.455	ng	99
24) Nitrobenzene	7.487	77	289244	59.877	ng	100
25) Isophorone	7.722	82	535385	60.930	ng	99
26) 2-Nitrophenol	7.798	139	165338	62.106	ng	98
27) 2,4-Dimethylphenol	7.834	122	272466	60.007	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	334048	61.172	ng	99
29) 2,4-Dichlorophenol	8.040	162	251539	60.958	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	270820	59.519	ng	100
31) Naphthalene	8.204	128	846634	58.328	ng	99
32) Benzoic acid	7.969	122	167672	61.697	ng	99
33) 4-Chloroaniline	8.251	127	340957	57.240	ng	98
34) Hexachlorobutadiene	8.316	225	172892	61.386	ng	99
35) Caprolactam	8.634	113	67973	54.327	ng	98
36) 4-Chloro-3-methylphenol	8.734	107	253604	58.512	ng	99
37) 2-Methylnaphthalene	8.892	142	529042	57.203	ng	99
38) 1-Methylnaphthalene	8.992	142	547063	57.378	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	273677	58.765	ng	99
41) Hexachlorocyclopentadiene	9.045	237	192176	69.182	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	182628	60.028	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

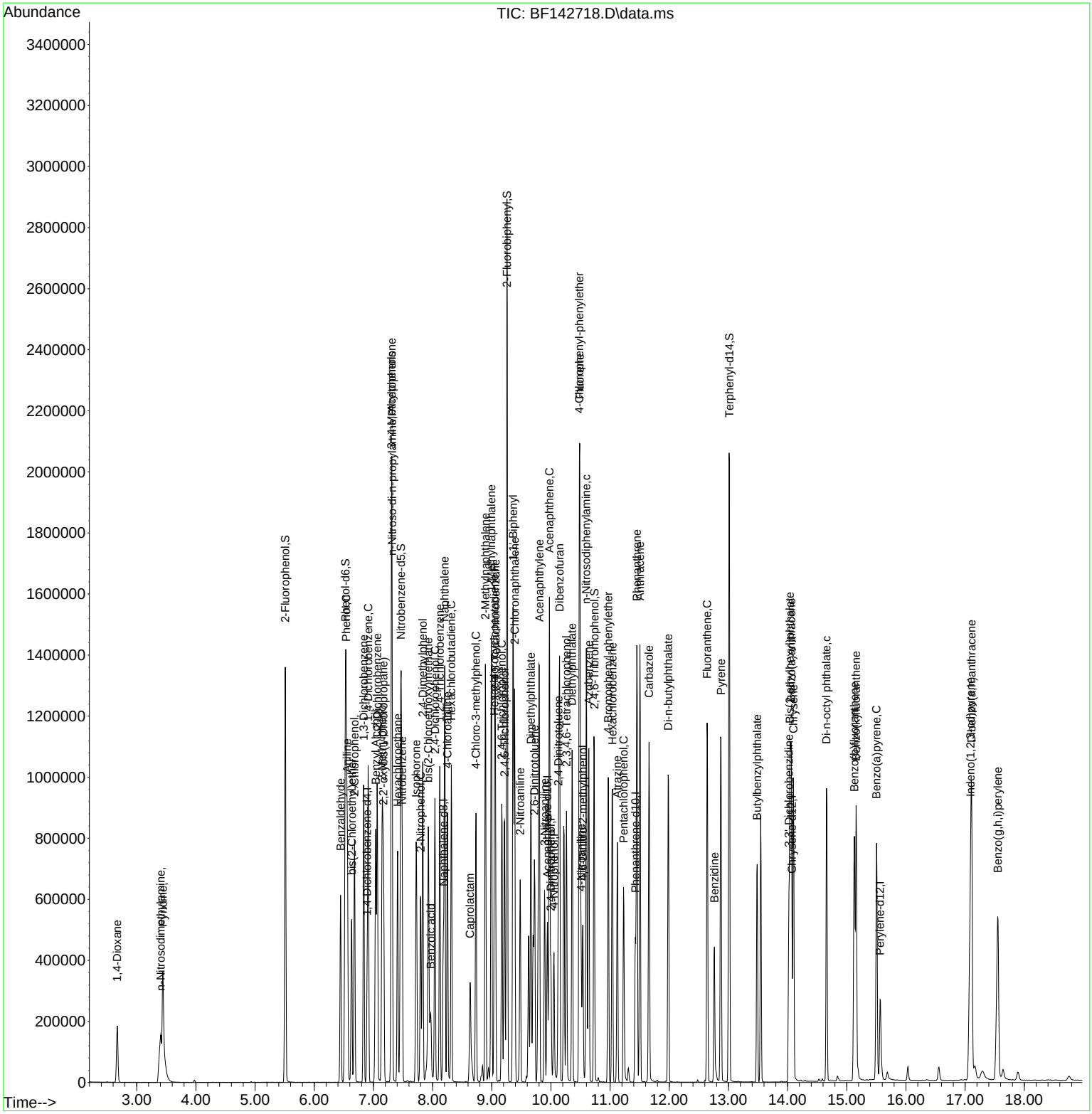
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	191562	58.800	ng	99
46) 1,1'-Biphenyl	9.363	154	720521	57.886	ng	100
47) 2-Chloronaphthalene	9.386	162	532389	57.172	ng	100
48) 2-Nitroaniline	9.481	65	156234	56.877	ng	97
49) Acenaphthylene	9.804	152	887022	57.422	ng	100
50) Dimethylphthalate	9.663	163	611689	56.791	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136180	58.247	ng	94
52) Acenaphthene	9.975	154	554905	58.676	ng	100
53) 3-Nitroaniline	9.892	138	146064	56.156	ng	98
54) 2,4-Dinitrophenol	9.998	184	81703	63.685	ng	93
55) Dibenzofuran	10.145	168	771954	56.888	ng	99
56) 4-Nitrophenol	10.051	139	101876	57.277	ng	99
57) 2,4-Dinitrotoluene	10.128	165	178632	57.408	ng	98
58) Fluorene	10.486	166	595563	54.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	159267	58.920	ng	100
60) Diethylphthalate	10.357	149	598763	57.137	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	293201	56.952	ng	99
62) 4-Nitroaniline	10.510	138	132255	54.263	ng	98
63) Azobenzene	10.639	77	525675	55.964	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	100568	63.997	ng	99
66) n-Nitrosodiphenylamine	10.598	169	518951	63.672	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	178556	63.879	ng	97
68) Hexachlorobenzene	11.039	284	197268	61.808	ng	98
69) Atrazine	11.122	200	142413	58.764	ng	98
70) Pentachlorophenol	11.228	266	109333	63.448	ng	98
71) Phenanthrene	11.451	178	784909	58.077	ng	100
72) Anthracene	11.504	178	812386	58.050	ng	99
73) Carbazole	11.657	167	684308	55.049	ng	99
74) Di-n-butylphthalate	11.980	149	770707	58.582	ng	99
75) Fluoranthene	12.639	202	722554	54.970	ng	99
77) Benzidine	12.763	184	277907	58.454	ng	100
78) Pyrene	12.874	202	712252	62.270	ng	100
80) Butylbenzylphthalate	13.486	149	245824	70.369	ng	98
81) Benzo(a)anthracene	14.063	228	544367	61.517	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	186410	65.923	ng	99
83) Chrysene	14.098	228	496488	59.836	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	375994	90.267	ng	100
85) Di-n-octyl phthalate	14.657	149	682501	83.193	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	703616	63.705	ng	100
88) Benzo(b)fluoranthene	15.127	252	581154	62.612	ng	99
89) Benzo(k)fluoranthene	15.157	252	481088	56.031	ng	100
90) Benzo(a)pyrene	15.504	252	516293	59.542	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	567841	63.529	ng	100
92) Benzo(g,h,i)perylene	17.551	276	560664	60.872	ng	99

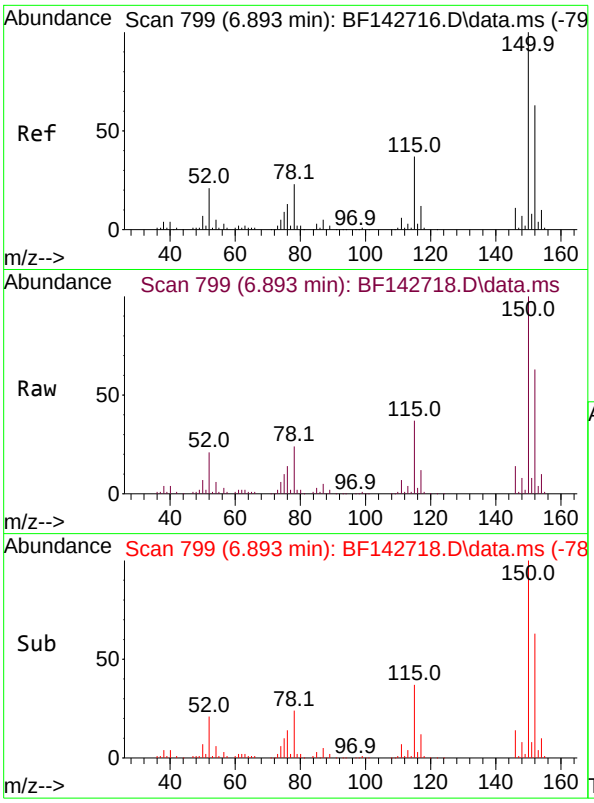
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



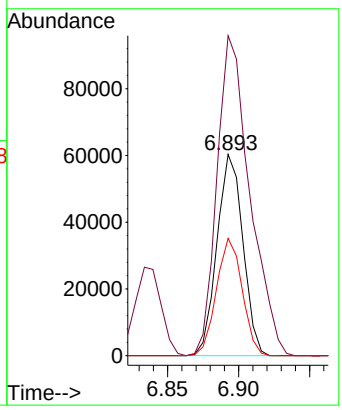


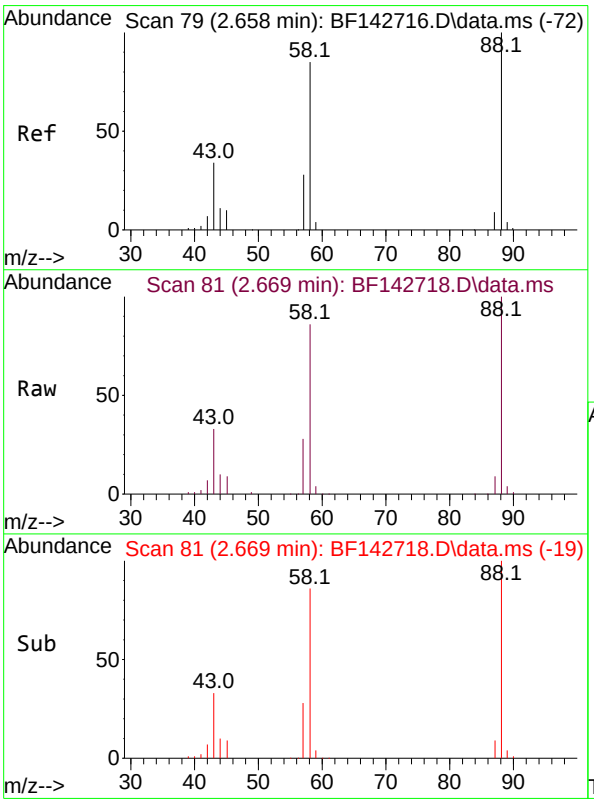
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 76540

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.9	190.3
115	58.3	47.0	70.6

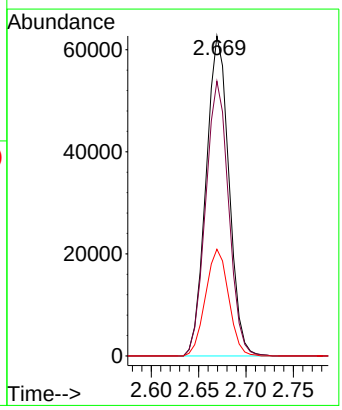


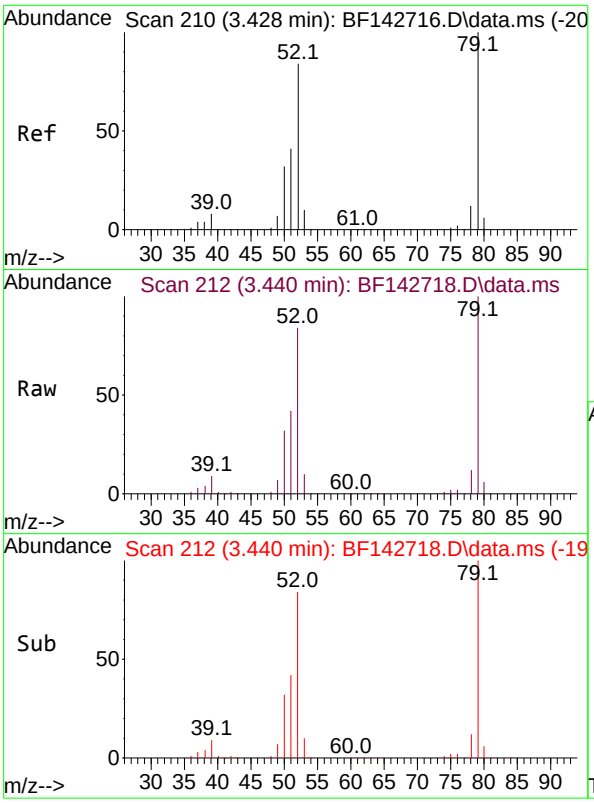


#2
1,4-Dioxane
Concen: 61.008 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 88 Resp: 105536

Ion	Ratio	Lower	Upper
88	100		
58	86.3	68.4	102.6
43	33.6	27.0	40.6



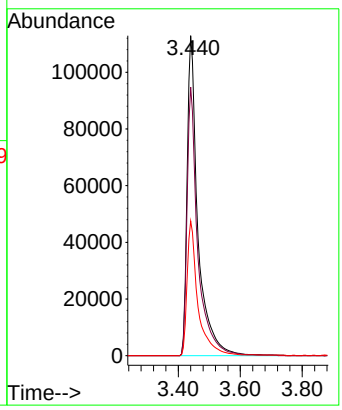


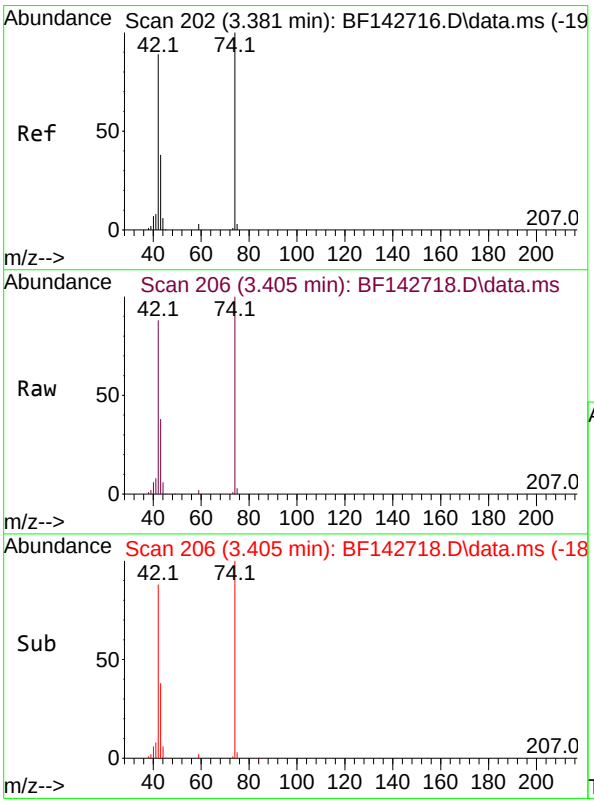
#3
Pyridine
Concen: 61.500 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 273987

Ion	Ratio	Lower	Upper
79	100		
52	84.0	67.1	100.7
51	42.1	32.6	48.8

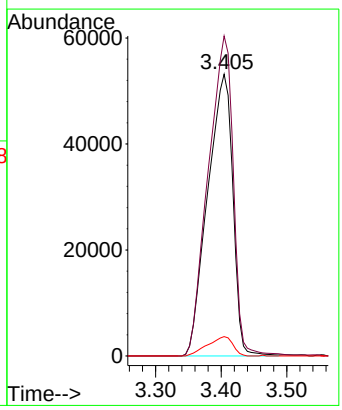


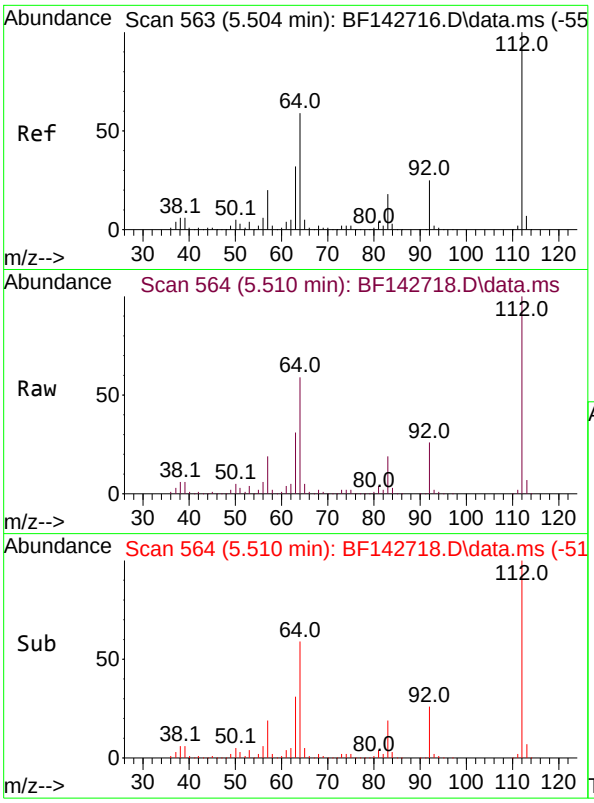


#4
n-Nitrosodimethylamine
Concen: 64.724 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.024 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 42 Resp: 141690

Ion	Ratio	Lower	Upper
42	100		
74	113.6	89.6	134.4
44	6.9	5.4	8.2



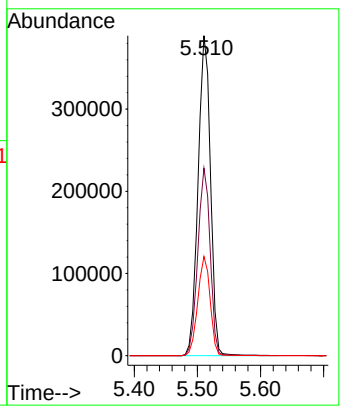


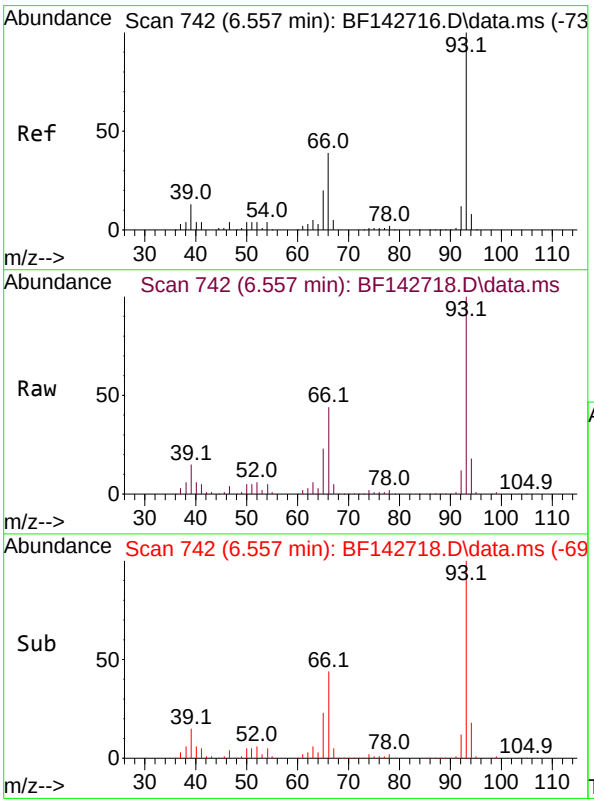
#5
2-Fluorophenol
Concen: 117.579 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 531105

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.4	71.2
63	31.0	25.4	38.0

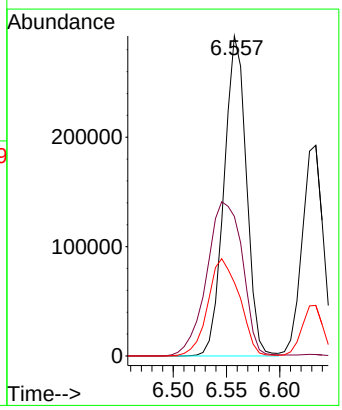


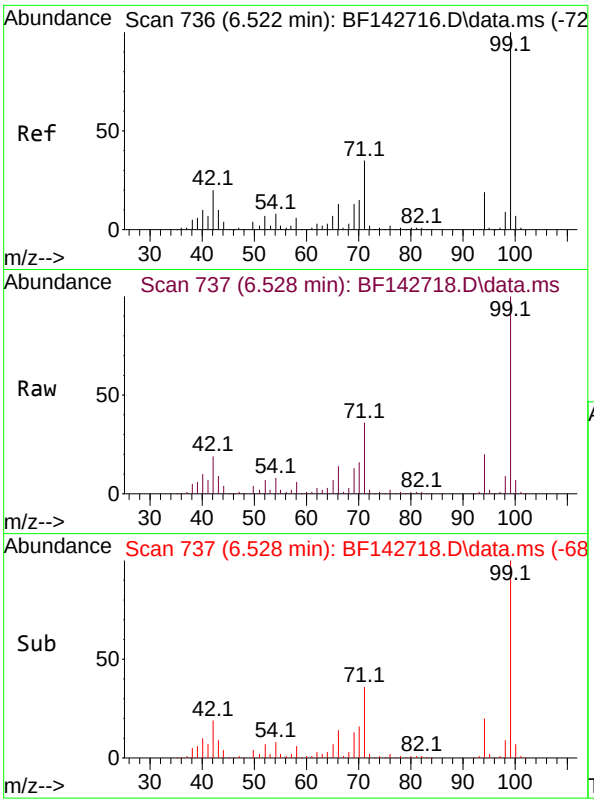


#6
Aniline
Concen: 60.241 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 93 Resp: 427361

Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.0	48.0
65	23.0	16.1	24.1



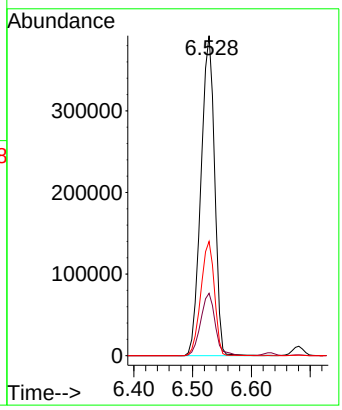


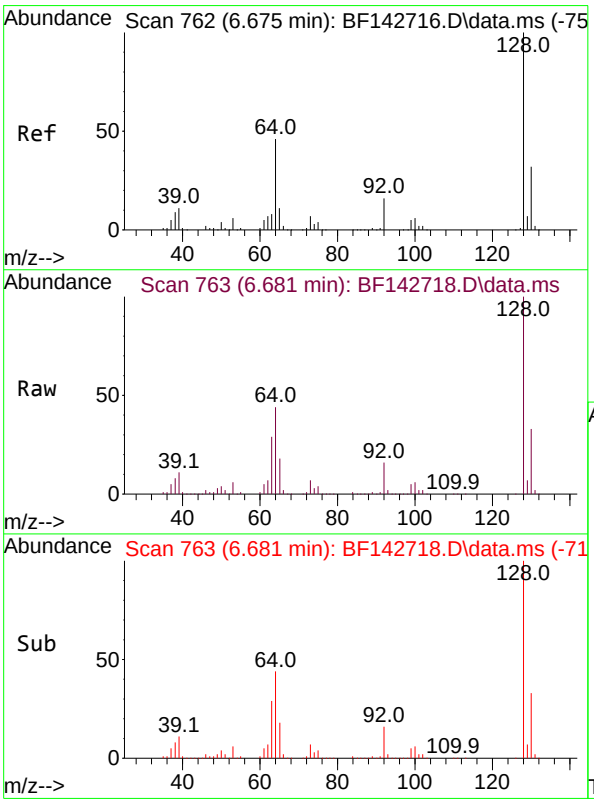
#7
Phenol-d6
Concen: 119.674 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 632168

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	35.7	28.0	42.0

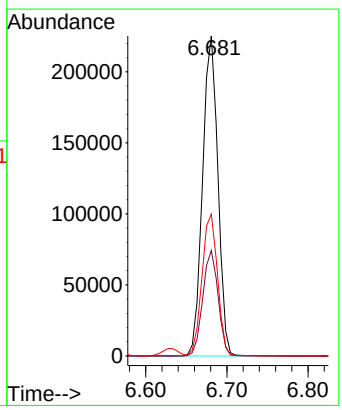


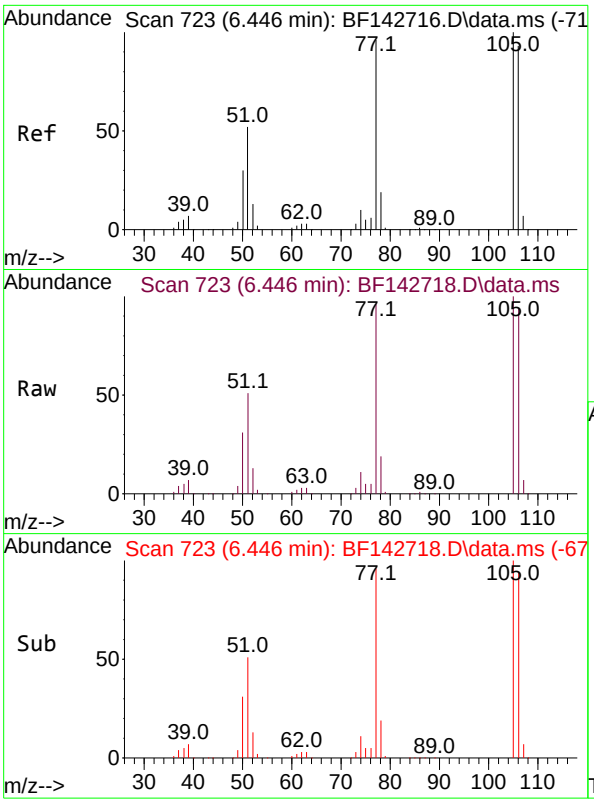


#8
2-Chlorophenol
Concen: 59.766 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:128 Resp: 295212

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	44.4	26.5	66.5



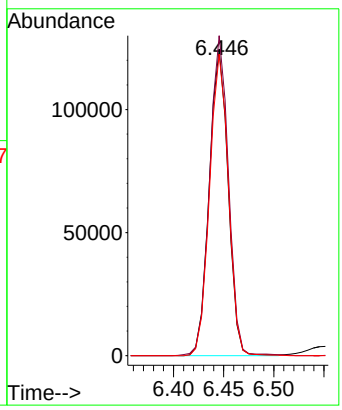


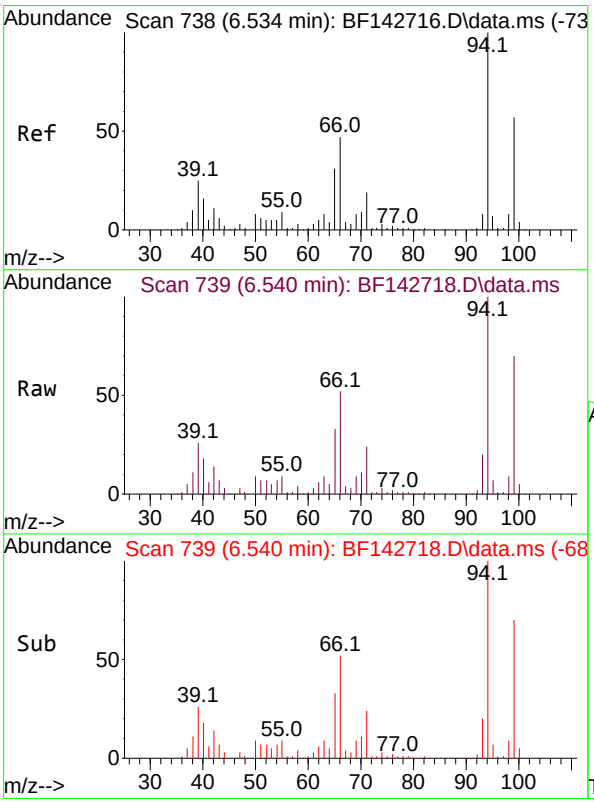
#9
Benzaldehyde
Concen: 54.343 ng
RT: 6.446 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 162597

Ion	Ratio	Lower	Upper
77	100		
105	104.3	84.1	124.1
106	98.3	77.2	117.2

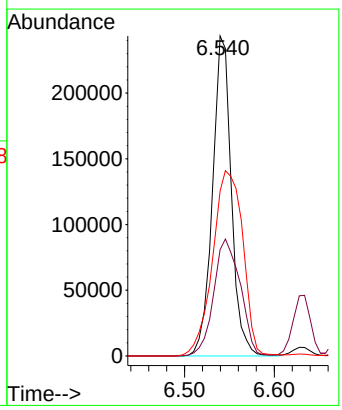


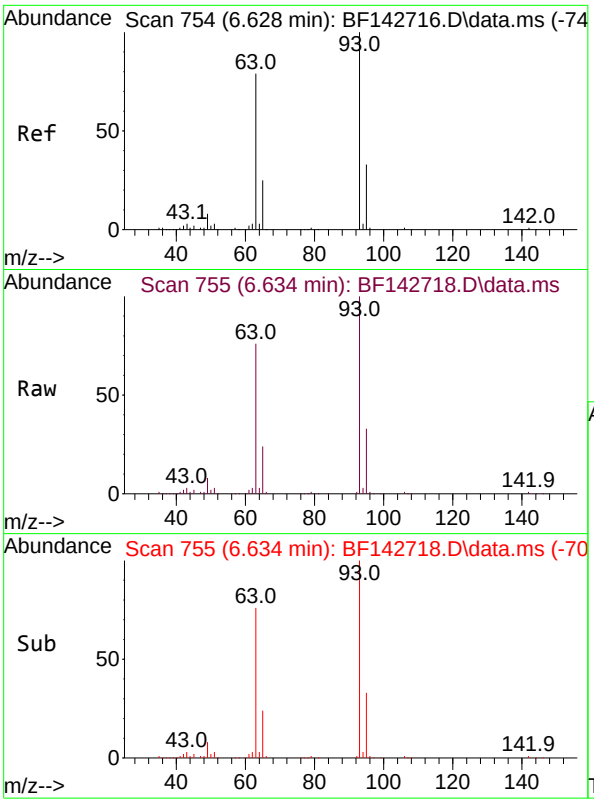


#10
Phenol
Concen: 60.220 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 94 Resp: 355251

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.4	51.4
66	51.6	26.7	66.7



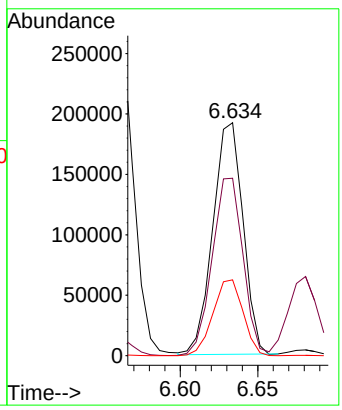


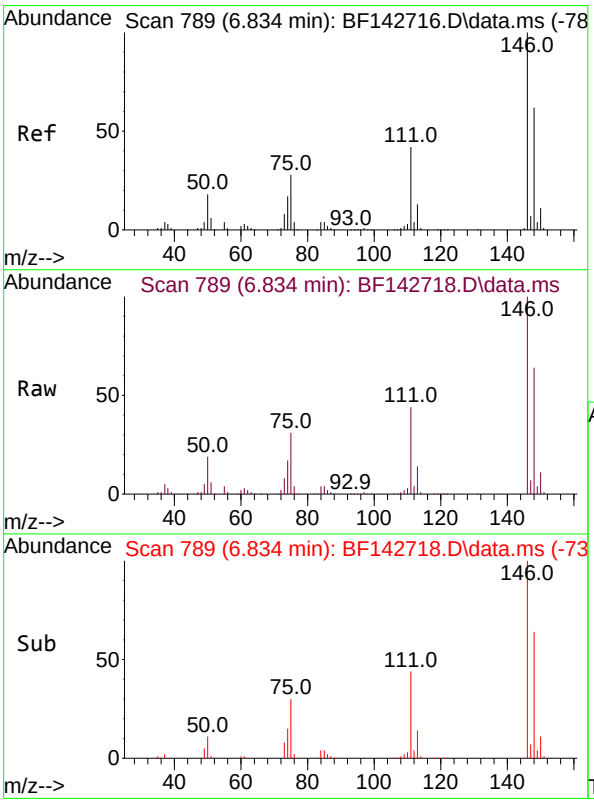
#11
bis(2-Chloroethyl)ether
Concen: 60.102 ng
RT: 6.634 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 259733

Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.3	98.3
95	32.6	13.1	53.1

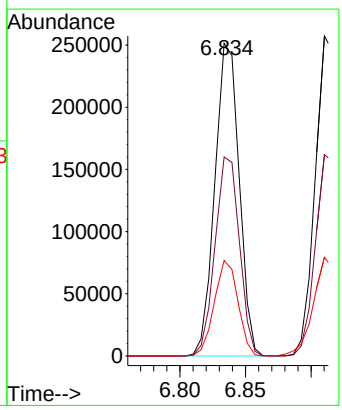


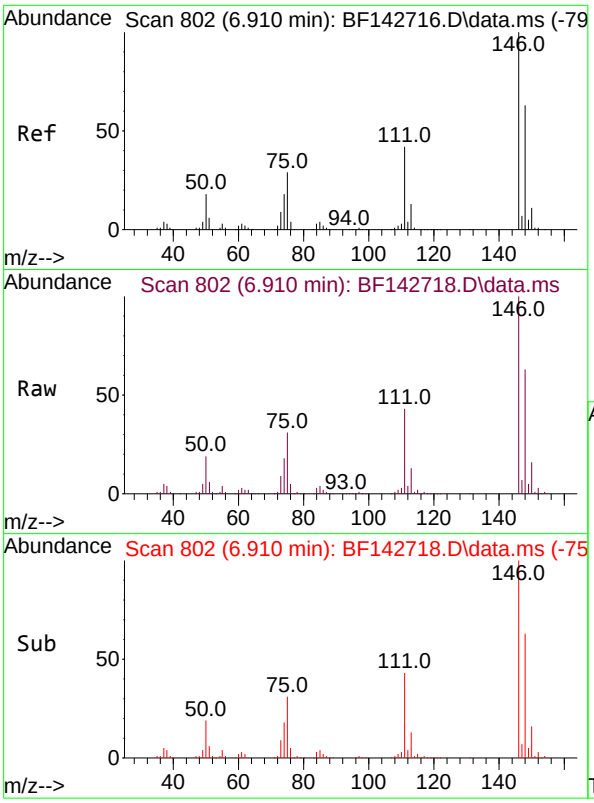


#12
1,3-Dichlorobenzene
Concen: 58.594 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:146 Resp: 323976

Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.9	74.9
75	30.5	22.6	34.0



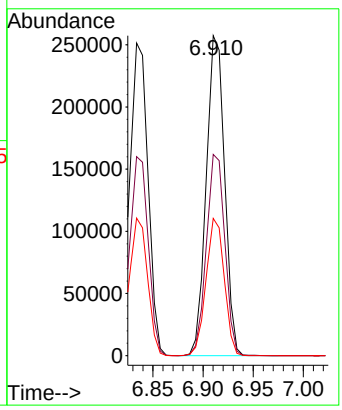


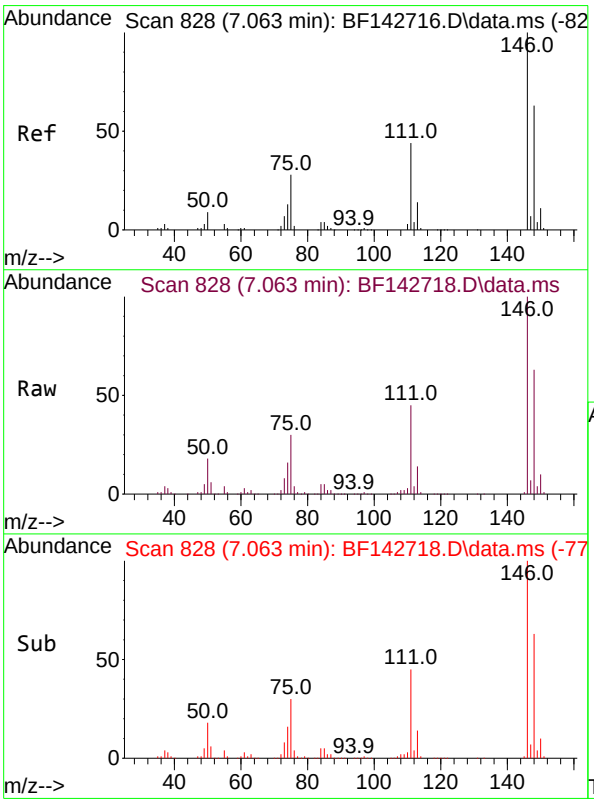
#13
1,4-Dichlorobenzene
Concen: 58.333 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 328599

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
111	42.9	33.6	50.4

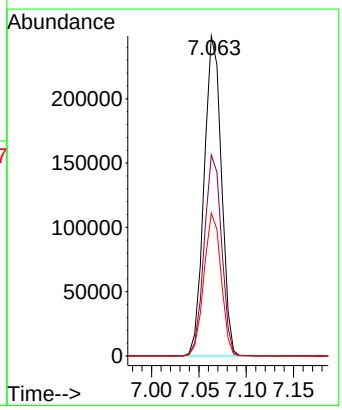


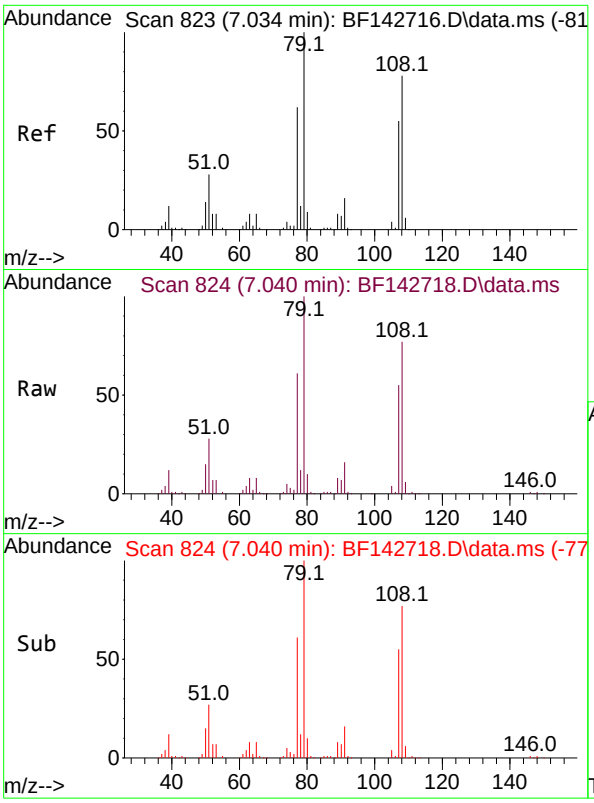


#14
1,2-Dichlorobenzene
Concen: 58.801 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:146 Resp: 315832

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	44.7	35.2	52.8



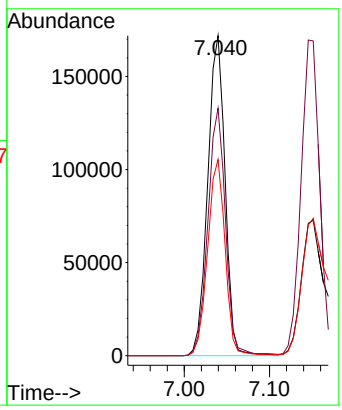


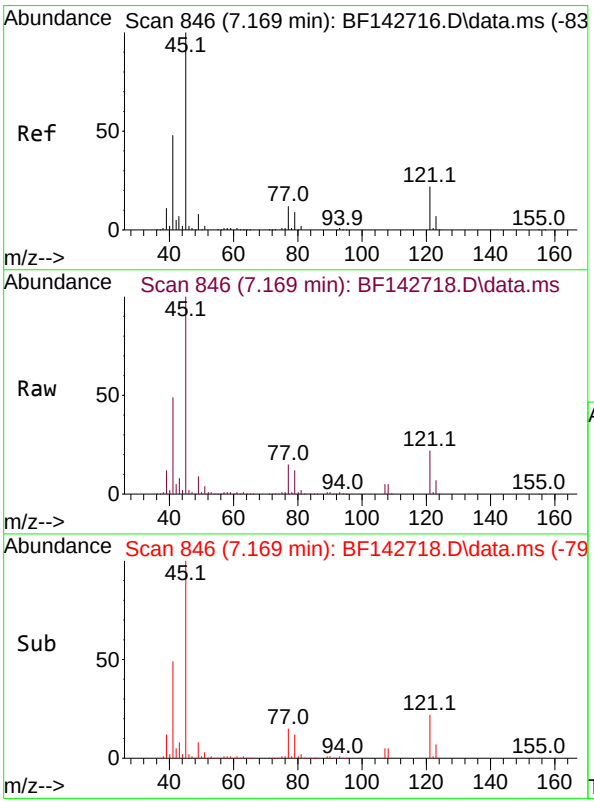
#15
Benzyl Alcohol
Concen: 62.521 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 243700

Ion	Ratio	Lower	Upper
79	100		
108	77.3	62.6	94.0
77	61.3	49.8	74.8

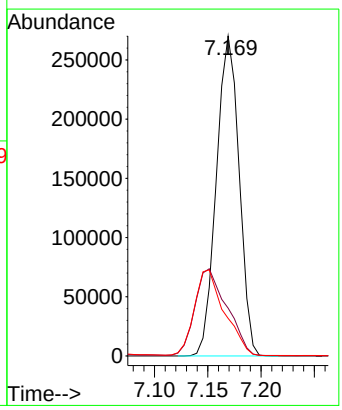


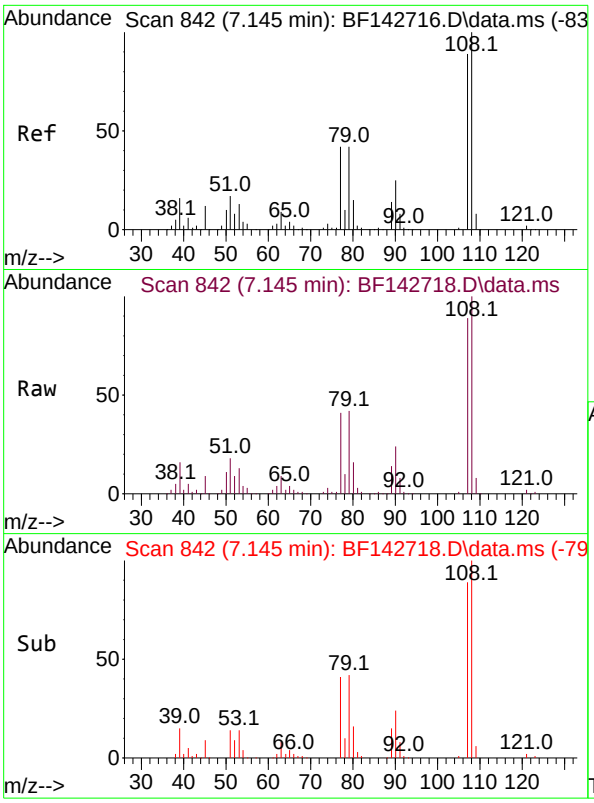


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.334 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 45 Resp: 400983

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.1
79	11.8	0.0	30.5



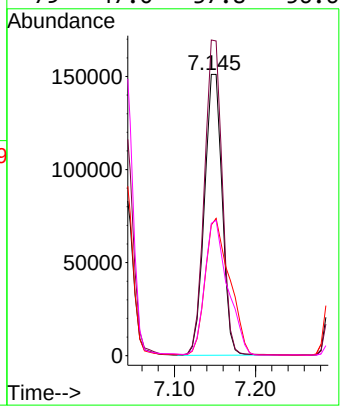


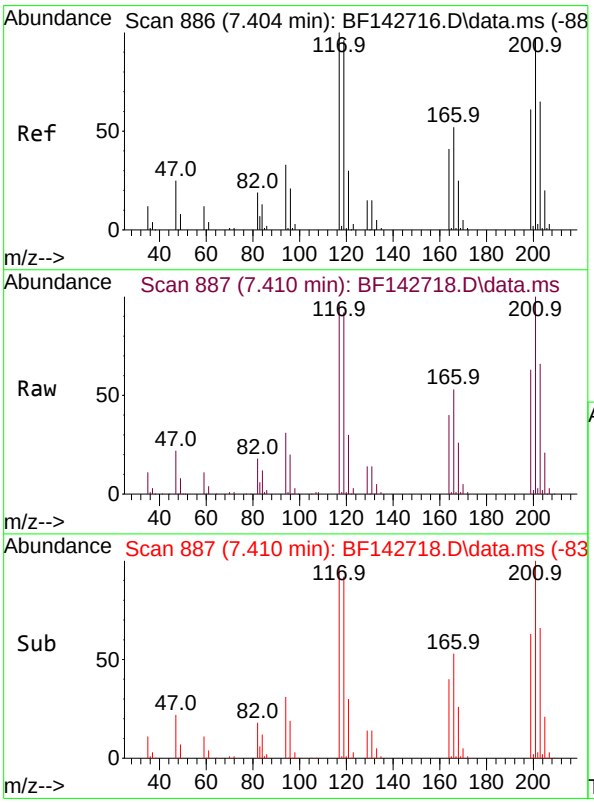
#17
2-Methylphenol
Concen: 60.631 ng
RT: 7.145 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 228521

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.0	135.0
77	46.5	38.2	57.2
79	47.0	37.8	56.6

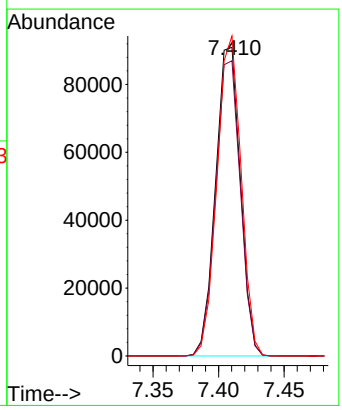


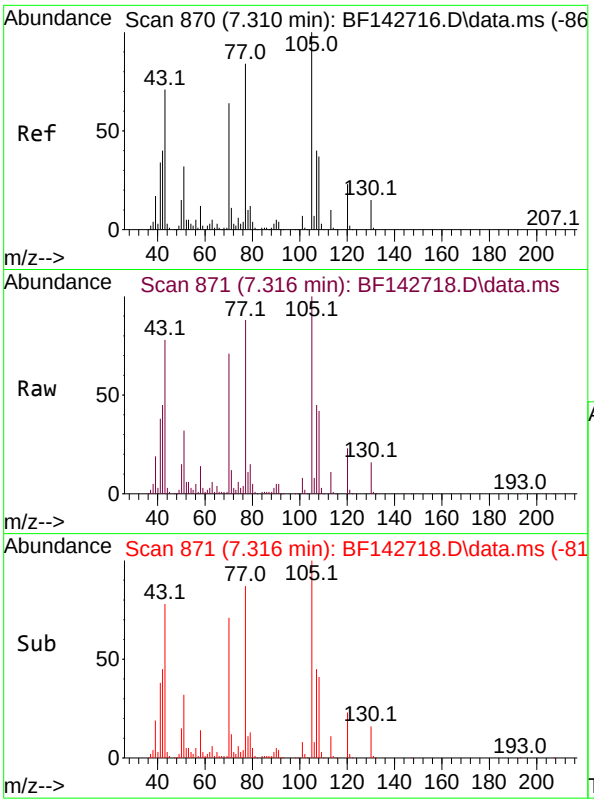


#18
Hexachloroethane
Concen: 61.325 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:117 Resp: 119800

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.4	114.6
201	103.7	77.8	116.6



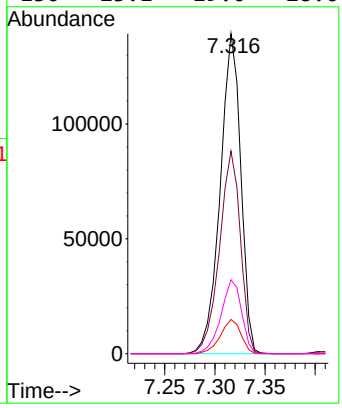


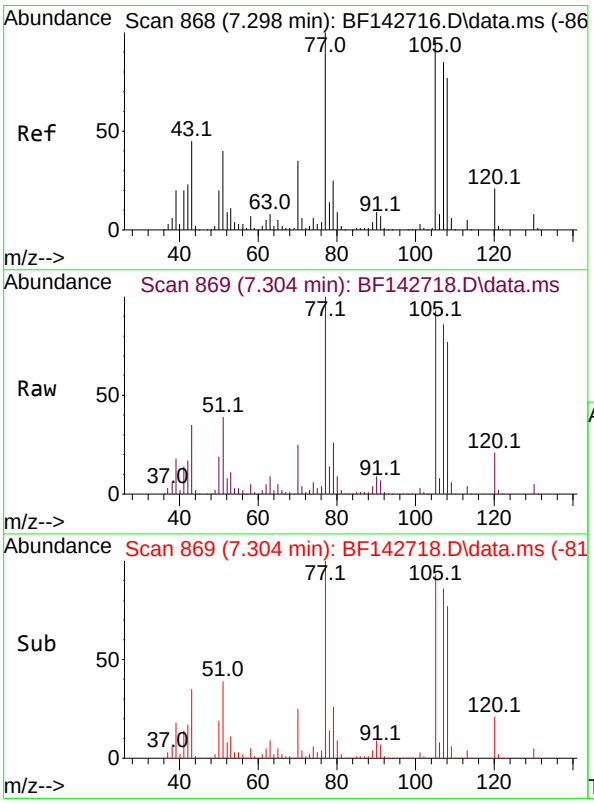
#19
n-Nitroso-di-n-propylamine
Concen: 63.413 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 198117

Ion	Ratio	Lower	Upper
70	100		
42	63.3	50.2	75.4
101	10.7	8.3	12.5
130	23.1	19.0	28.6

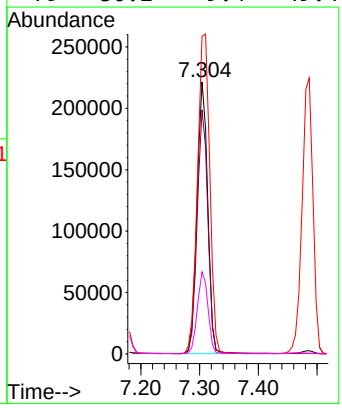


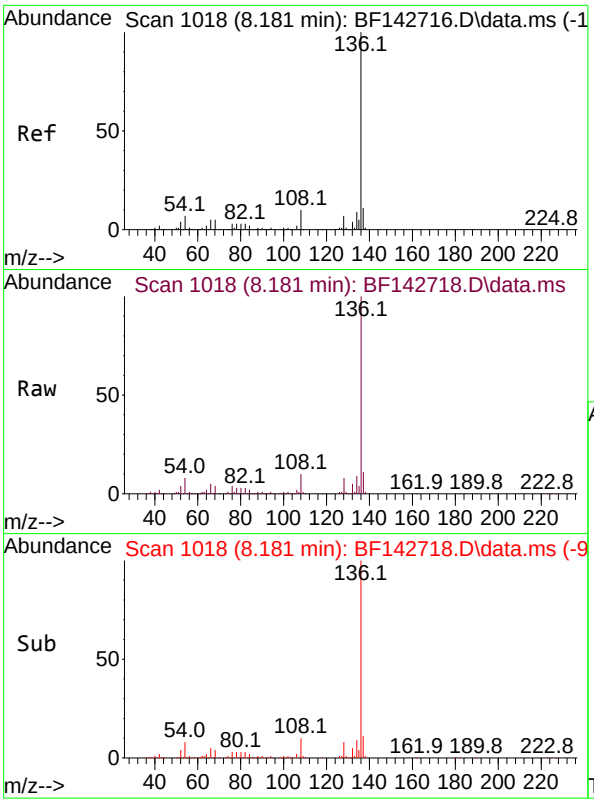


#20
3+4-Methylphenols
Concen: 60.024 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:107 Resp: 279582

Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.9	109.9
77	116.8	97.4	137.4
79	30.2	9.4	49.4



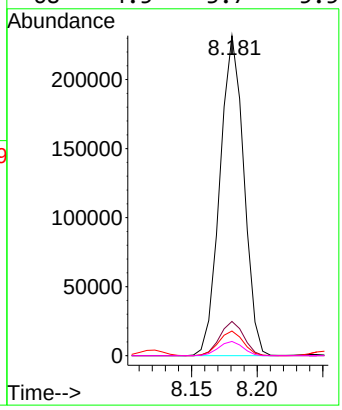


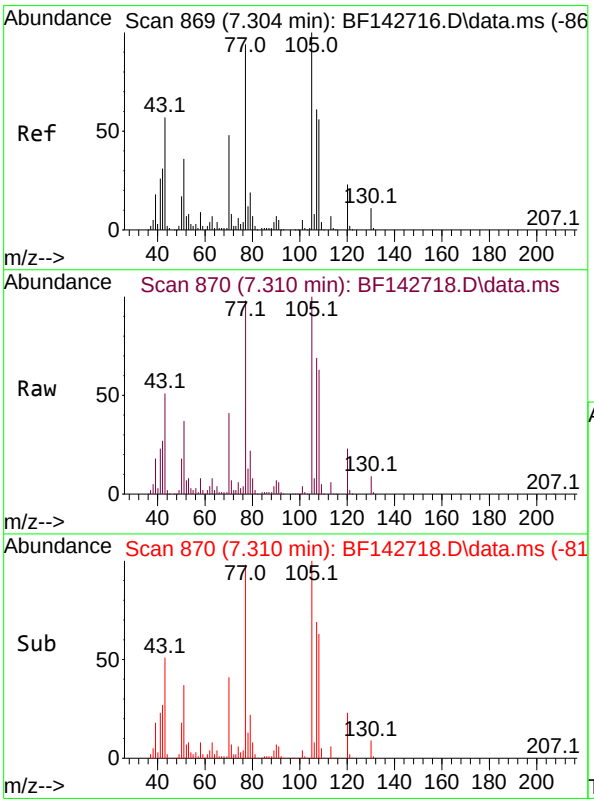
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 294522

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.7	5.9	8.9
68	4.5	3.7	5.5

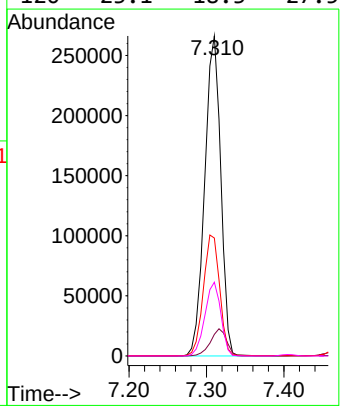


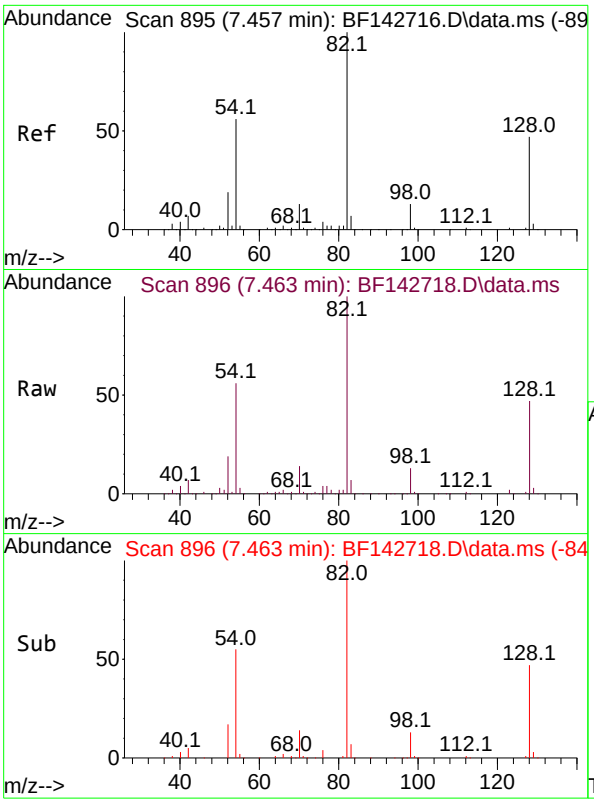


#22
Acetophenone
Concen: 59.455 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:105 Resp: 382998

Ion	Ratio	Lower	Upper
105	100		
71	6.7	6.4	9.6
51	36.8	29.1	43.7
120	23.1	18.3	27.5



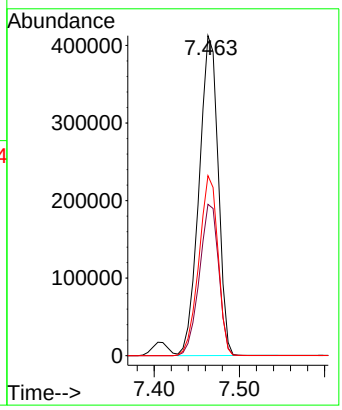


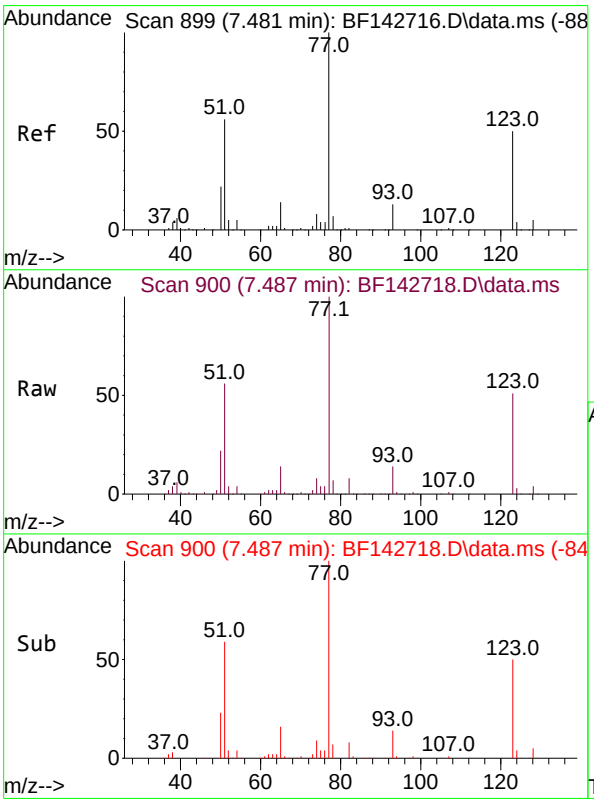
#23
Nitrobenzene-d5
Concen: 119.550 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 641890

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	56.3	44.9	67.3

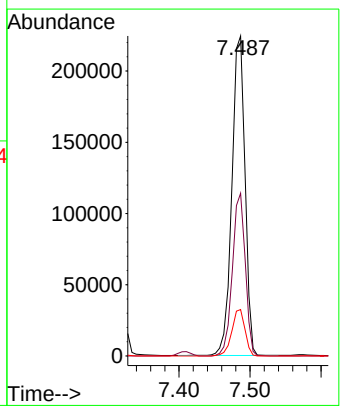


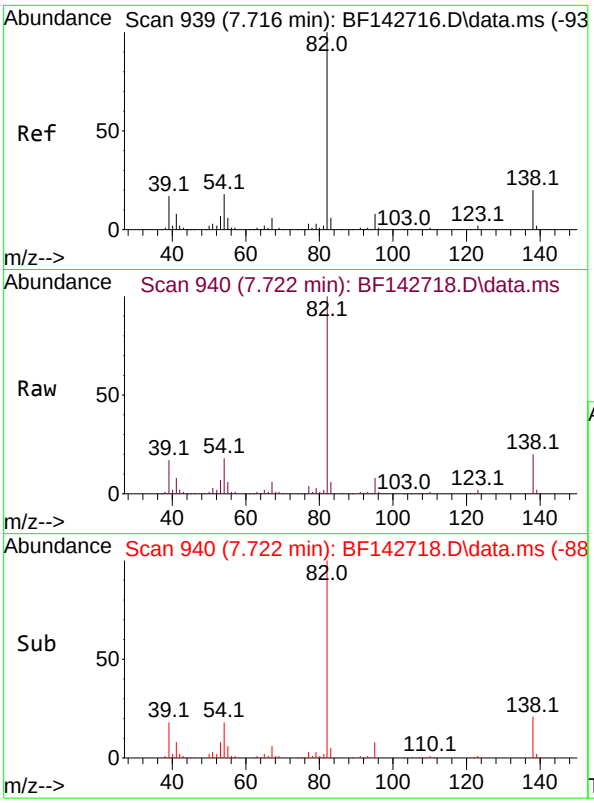


#24
Nitrobenzene
Concen: 59.877 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 77 Resp: 289244

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.8	61.2
65	14.5	11.5	17.3



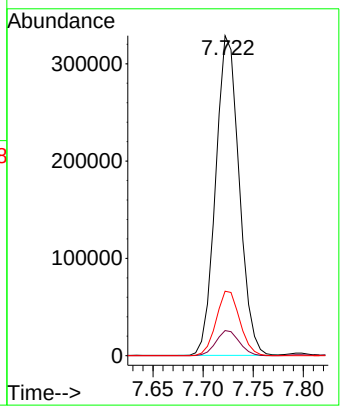


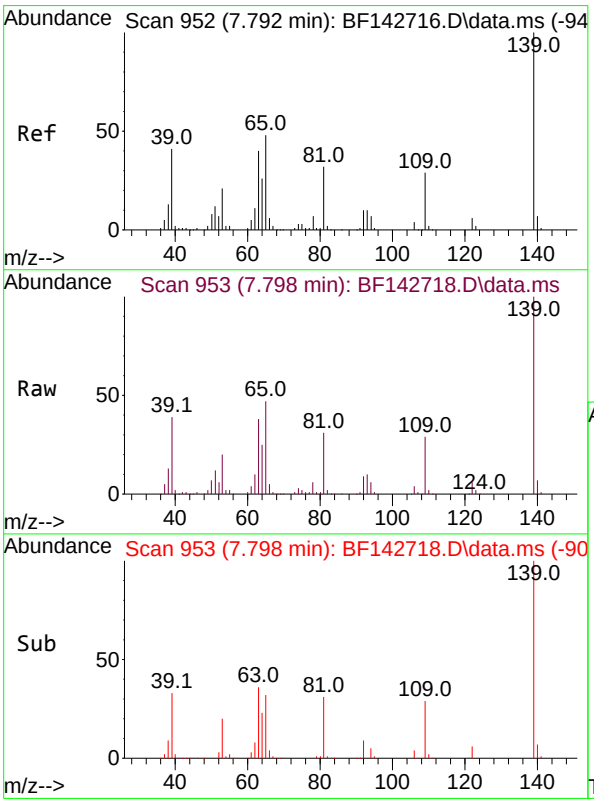
#25
Isophorone
Concen: 60.930 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 535385

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.0	9.0
138	20.1	15.8	23.6

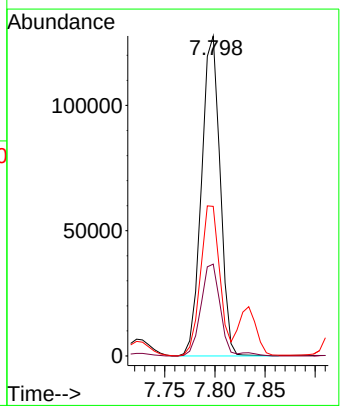


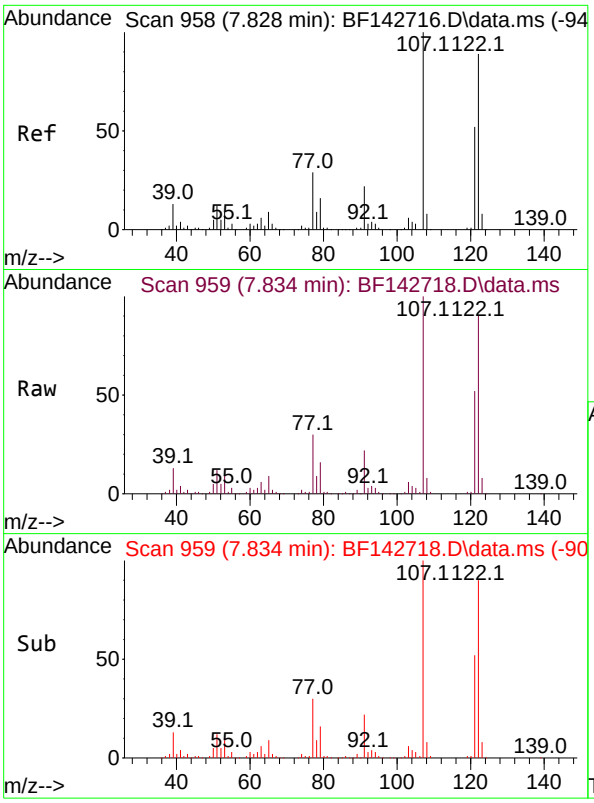


#26
2-Nitrophenol
Concen: 62.106 ng
RT: 7.798 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:139 Resp: 165338

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.4	35.2
65	46.8	38.7	58.1



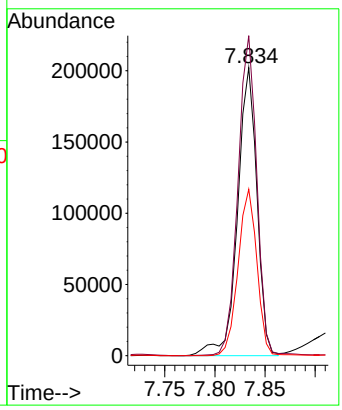


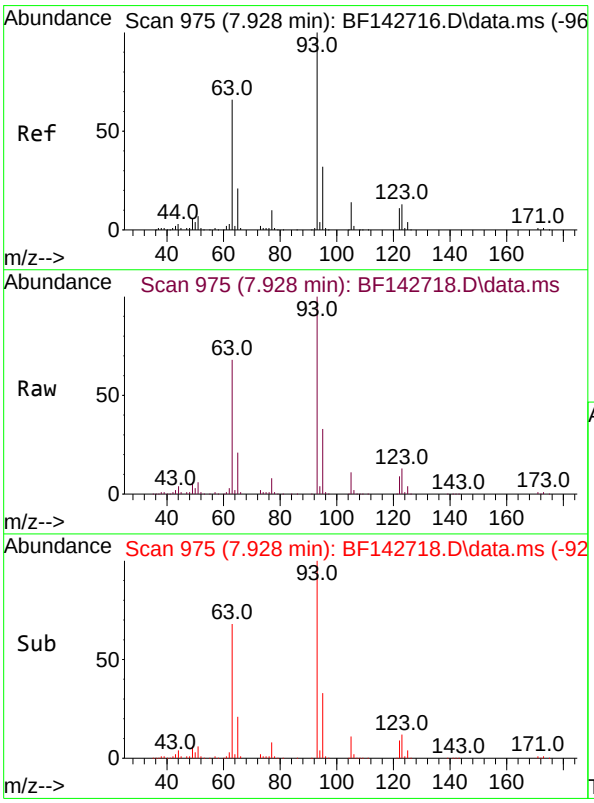
#27
2,4-Dimethylphenol
Concen: 60.007 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 272466

Ion	Ratio	Lower	Upper
122	100		
107	111.1	90.4	135.6
121	57.8	46.9	70.3

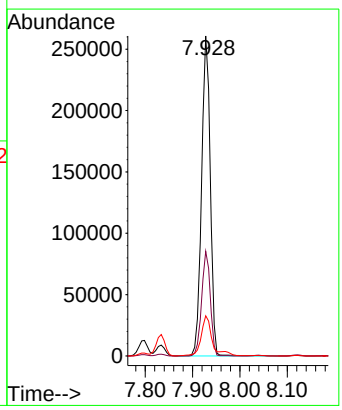


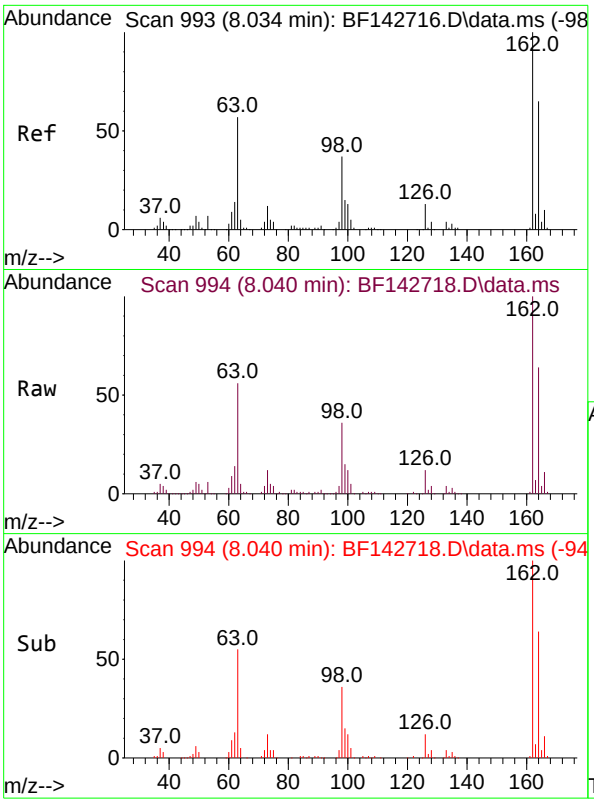


#28
bis(2-Chloroethoxy)methane
Concen: 61.172 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 93 Resp: 334048

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	12.5	10.3	15.5



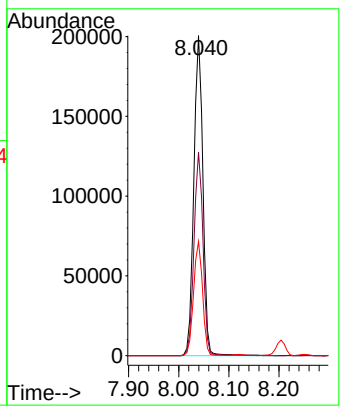


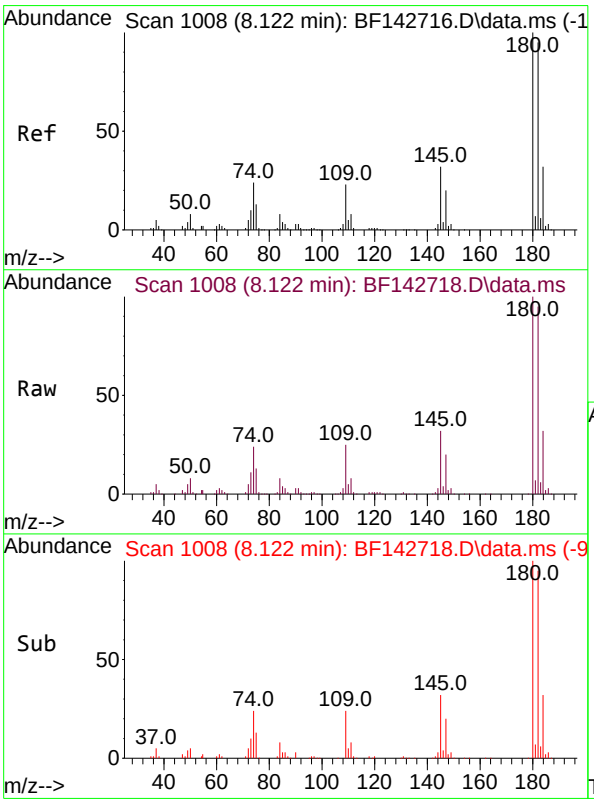
#29
2,4-Dichlorophenol
Concen: 60.958 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 251539

Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.1	85.1
98	35.7	16.7	56.7

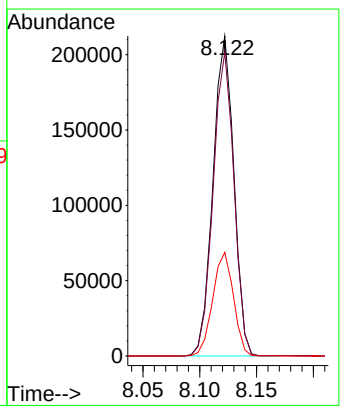


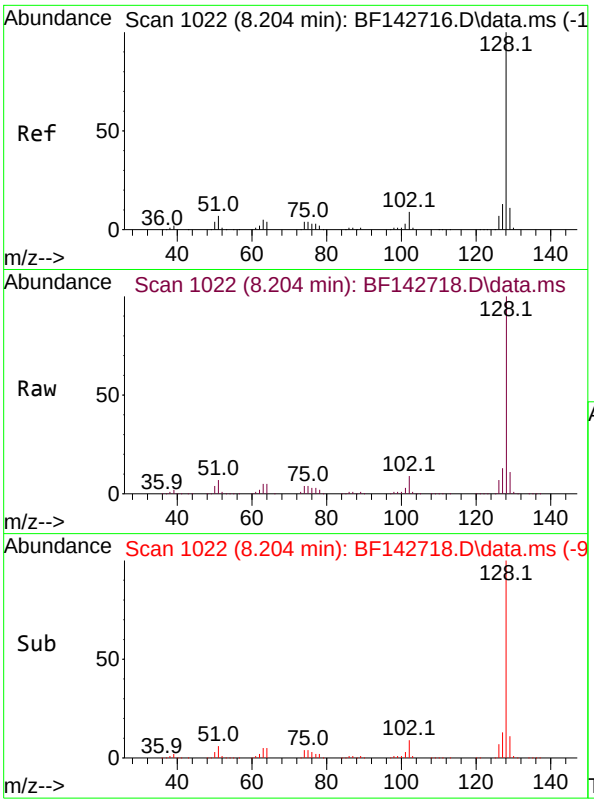


#30
1,2,4-Trichlorobenzene
Concen: 59.519 ng
RT: 8.122 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:180 Resp: 270820

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	32.3	25.7	38.5



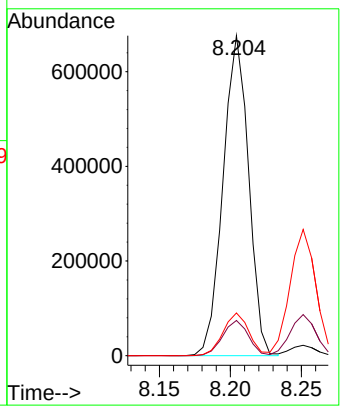


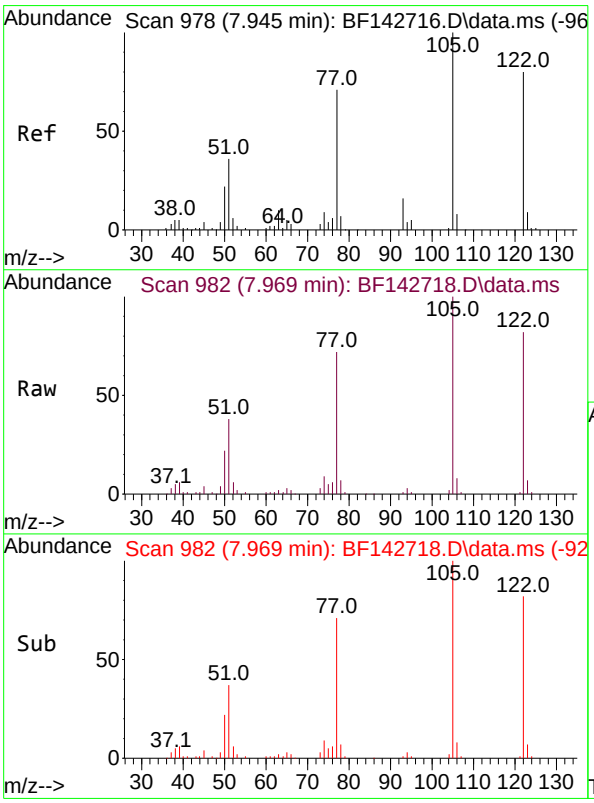
#31
Naphthalene
Concen: 58.328 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 846634

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.4	15.6

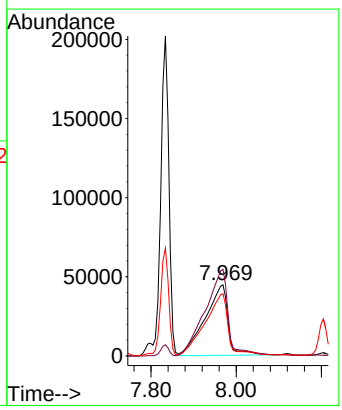


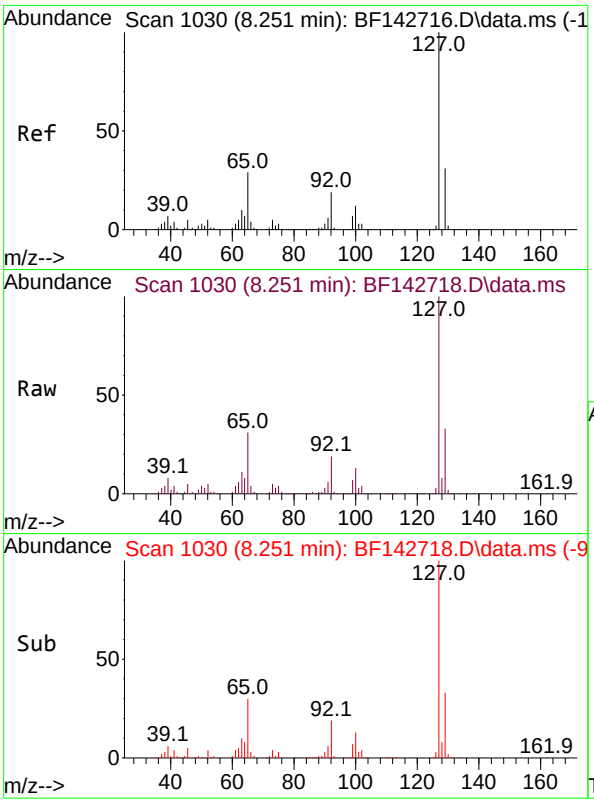


#32
Benzoic acid
Concen: 61.697 ng
RT: 7.969 min Scan# 982
Delta R.T. 0.024 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:122 Resp: 167672

Ion	Ratio	Lower	Upper
122	100		
105	121.9	102.6	142.6
77	87.6	68.2	108.2



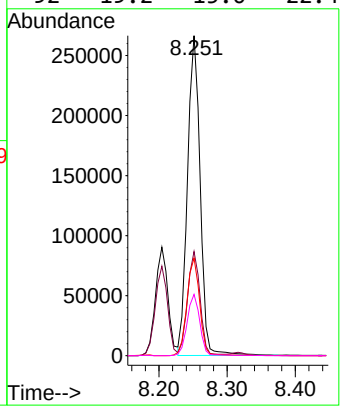


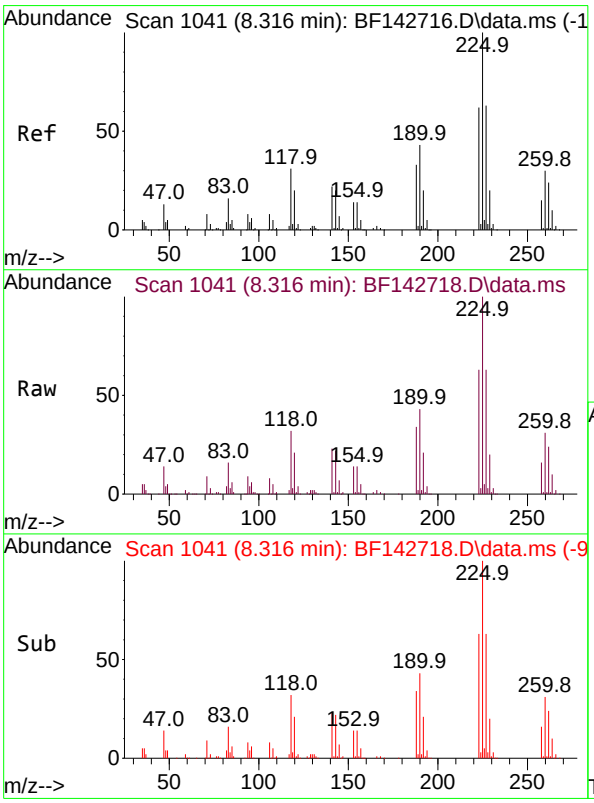
#33
4-Chloroaniline
Concen: 57.240 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 340957

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	30.5	23.0	34.4
92	19.2	15.0	22.4

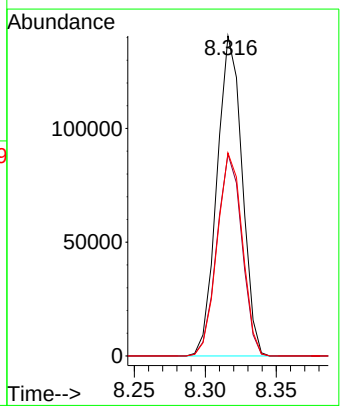


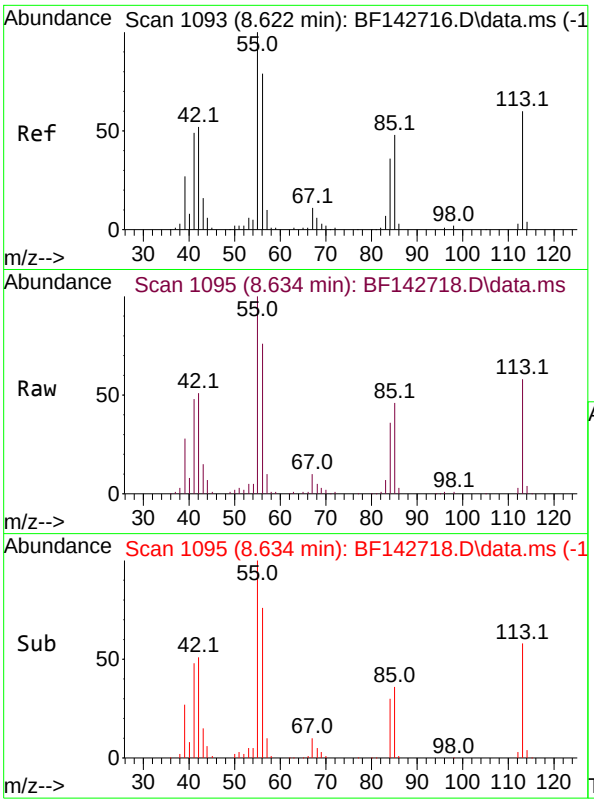


#34
Hexachlorobutadiene
Concen: 61.386 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:225 Resp: 172892

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.3	73.9
227	63.4	50.6	75.8



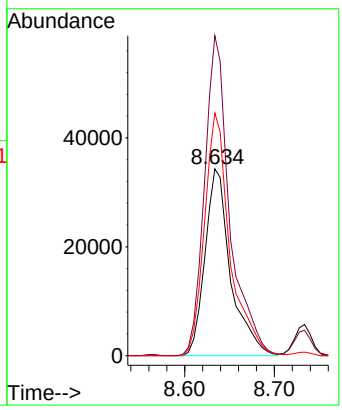


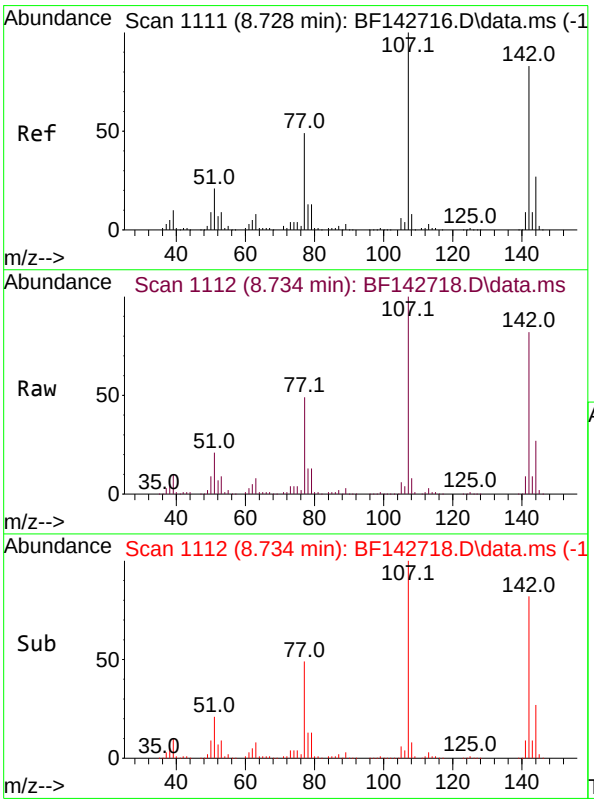
#35
Caprolactam
Concen: 54.327 ng
RT: 8.634 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 67973

Ion	Ratio	Lower	Upper
113	100		
55	171.2	147.9	187.9
56	129.9	111.9	151.9

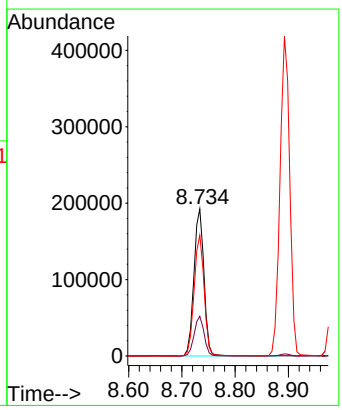


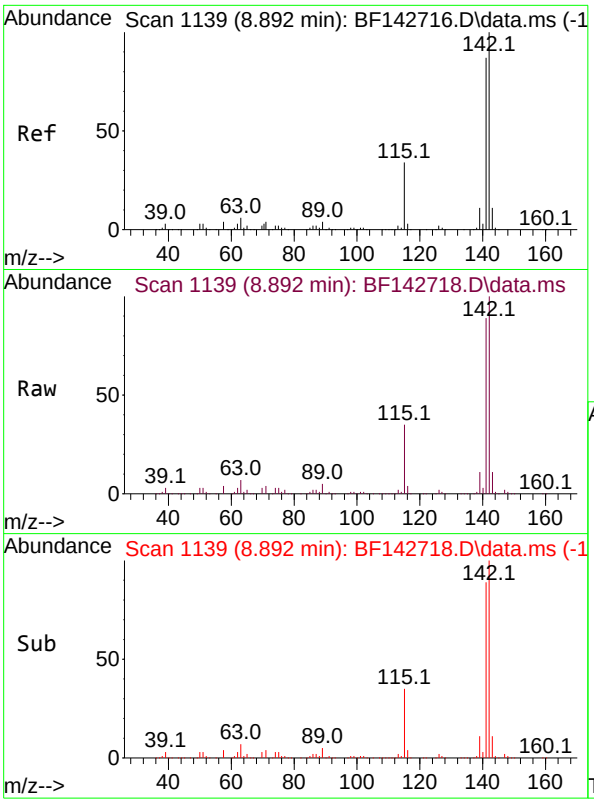


#36
4-Chloro-3-methylphenol
Concen: 58.512 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:107 Resp: 253604

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	82.2	66.2	99.2



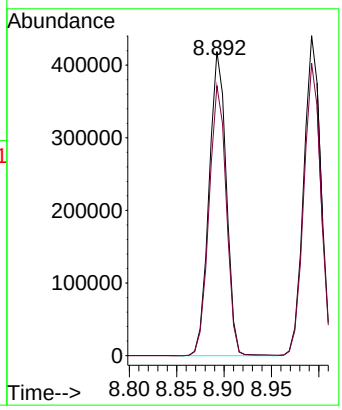


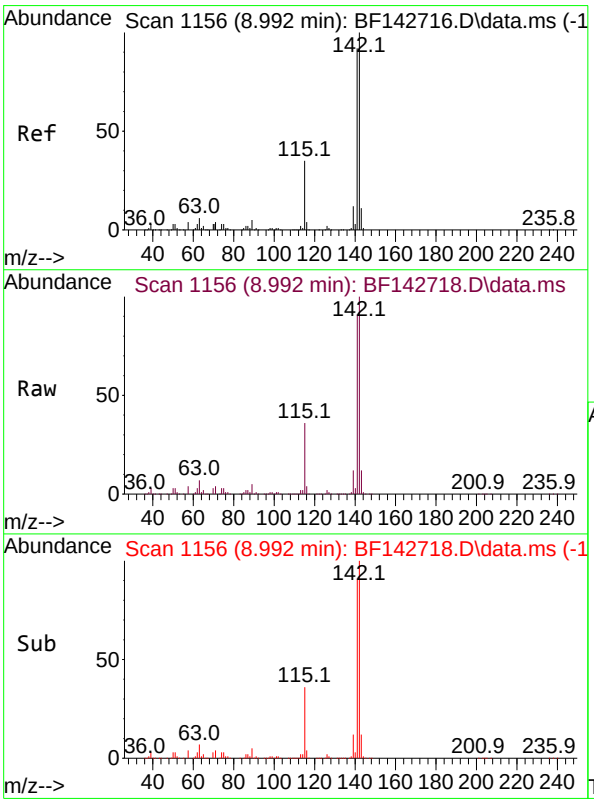
#37
2-Methylnaphthalene
Concen: 57.203 ng
RT: 8.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 529042

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9

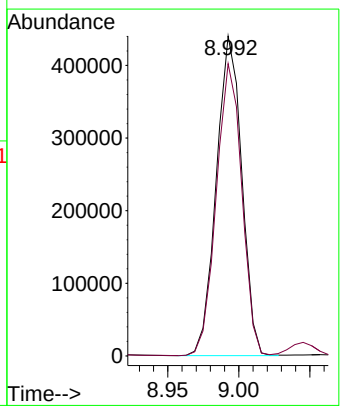


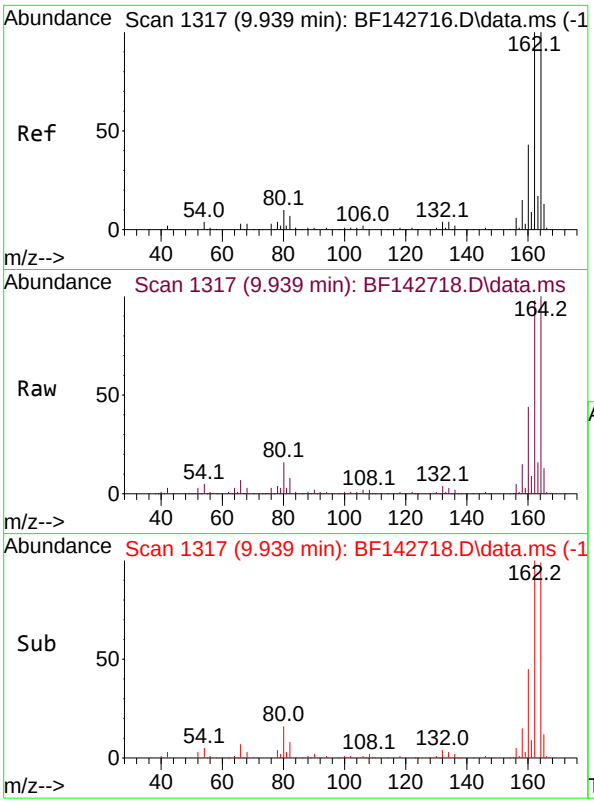


#38
1-Methylnaphthalene
Concen: 57.378 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:142 Resp: 547063

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3



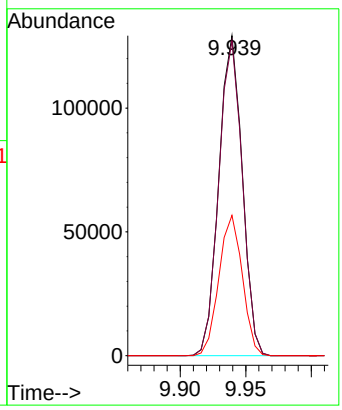


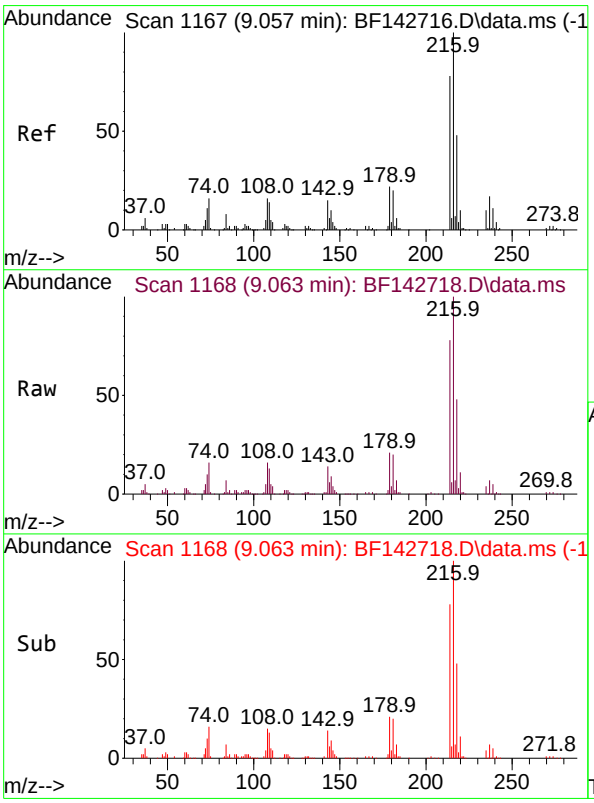
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 160126

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.9	119.9
160	43.9	34.8	52.2

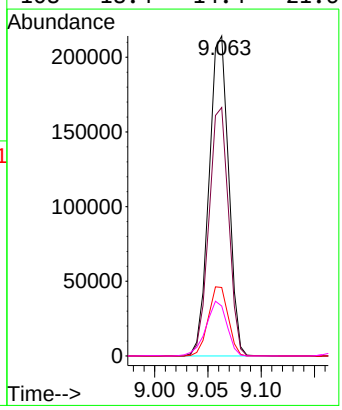


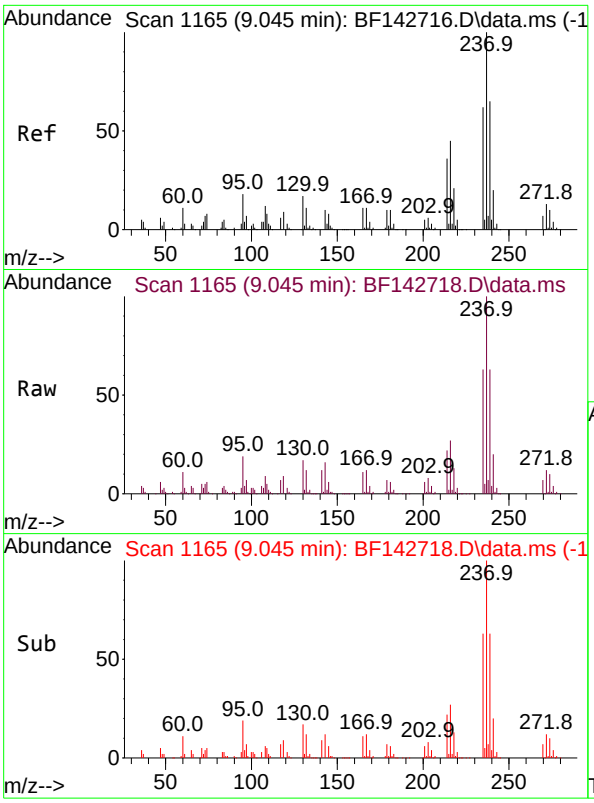


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.765 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:216 Resp: 273677

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	94.0
179	21.9	17.1	25.7
108	18.4	14.4	21.6



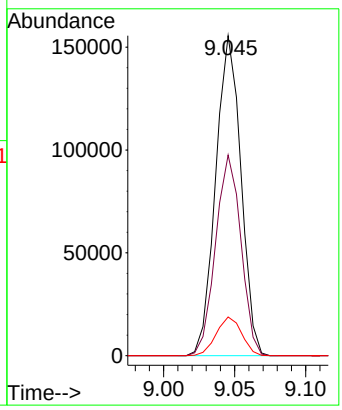


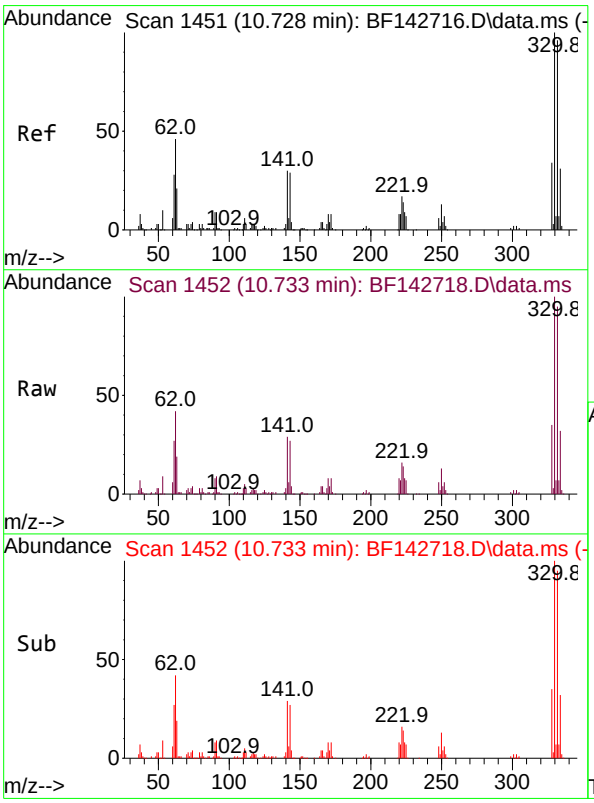
#41
Hexachlorocyclopentadiene
Concen: 69.182 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 192176

Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.9	81.9
272	12.1	0.0	32.5

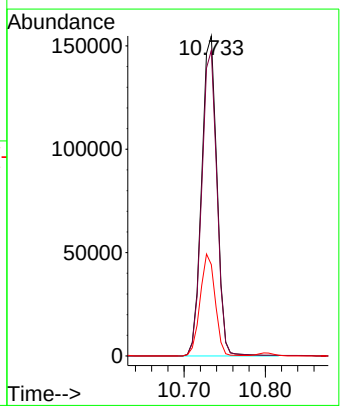


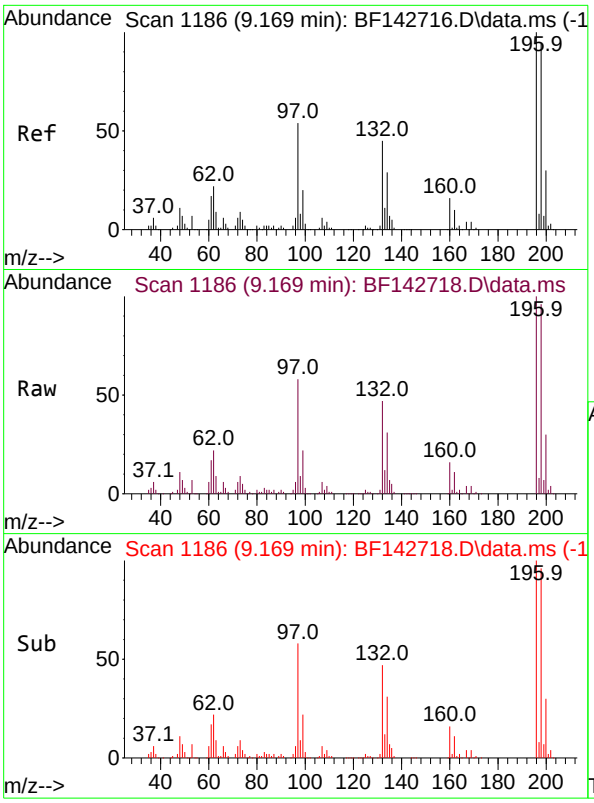


#42
2,4,6-Tribromophenol
Concen: 112.478 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:330 Resp: 201726

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.4	25.4	38.0



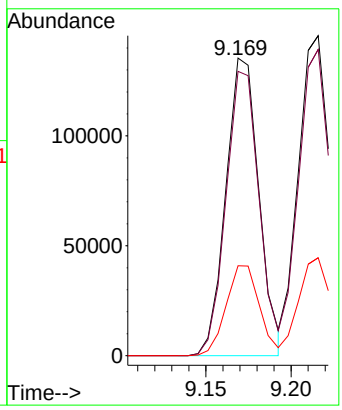


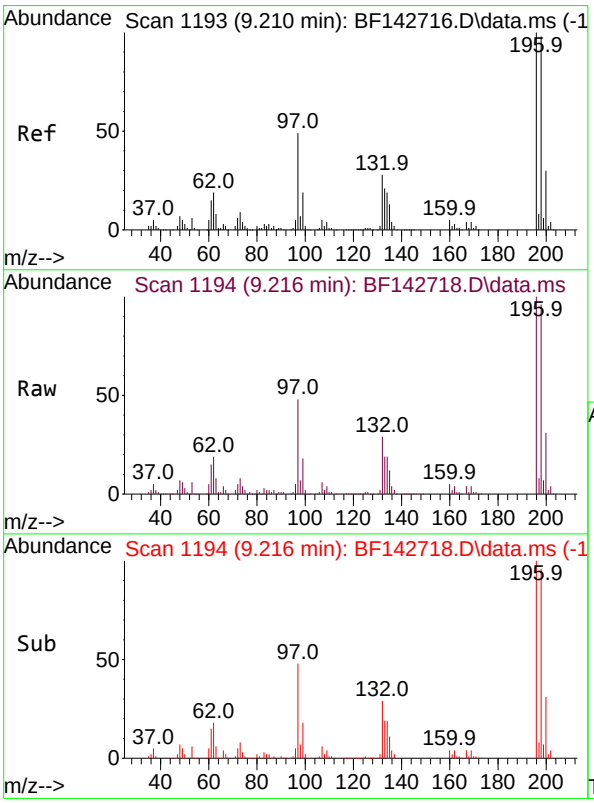
#43
2,4,6-Trichlorophenol
Concen: 60.028 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 182628

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.5	113.3
200	30.2	23.8	35.8

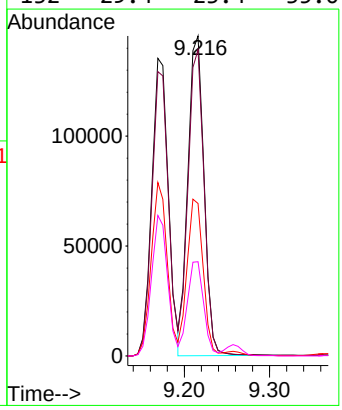


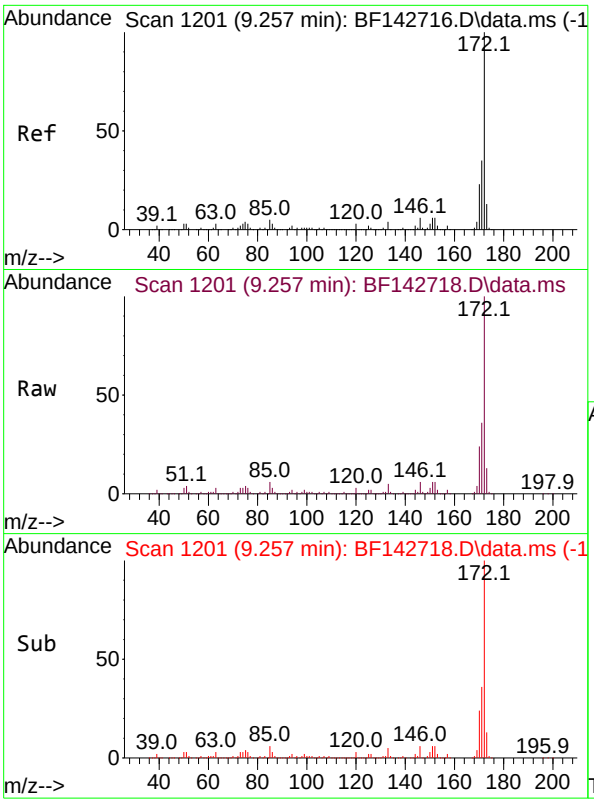


#44
2,4,5-Trichlorophenol
Concen: 58.800 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:196 Resp: 191562

Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
97	47.6	38.6	57.8
132	29.4	23.4	35.0



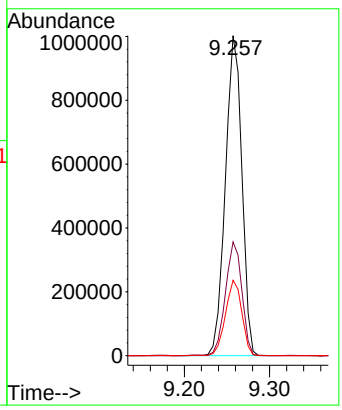


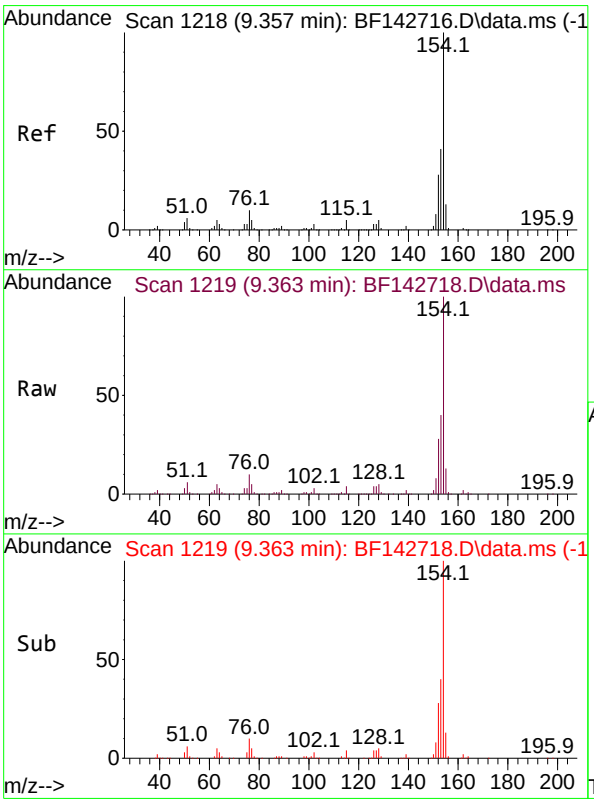
#45
2-Fluorobiphenyl
Concen: 114.204 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1346667

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.5	18.6	27.8

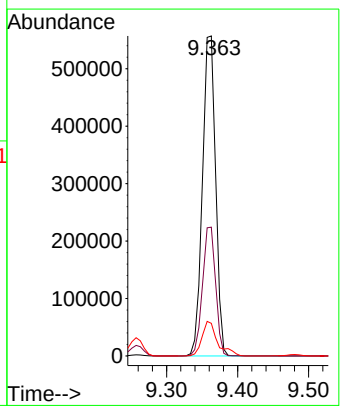


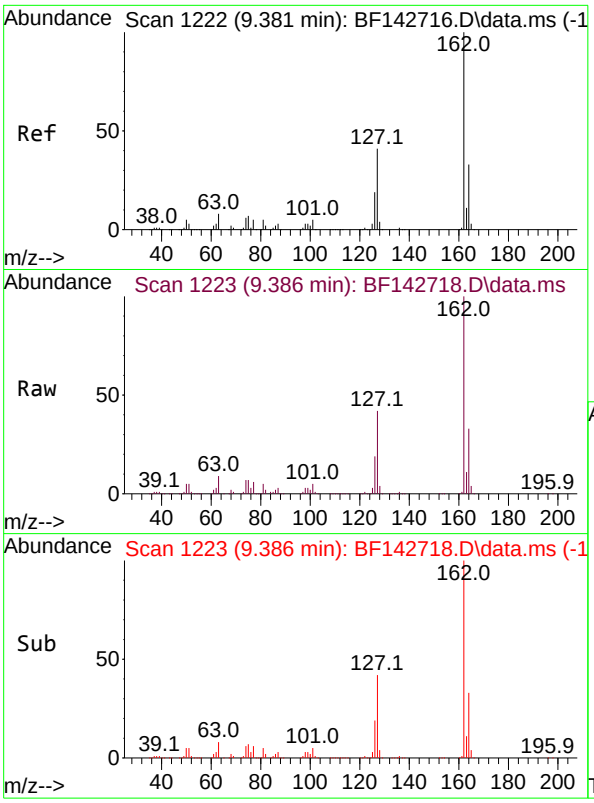


#46
1,1'-Biphenyl
Concen: 57.886 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:154 Resp: 720521

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	10.2	0.0	30.2



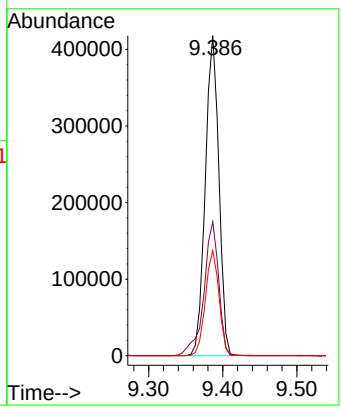


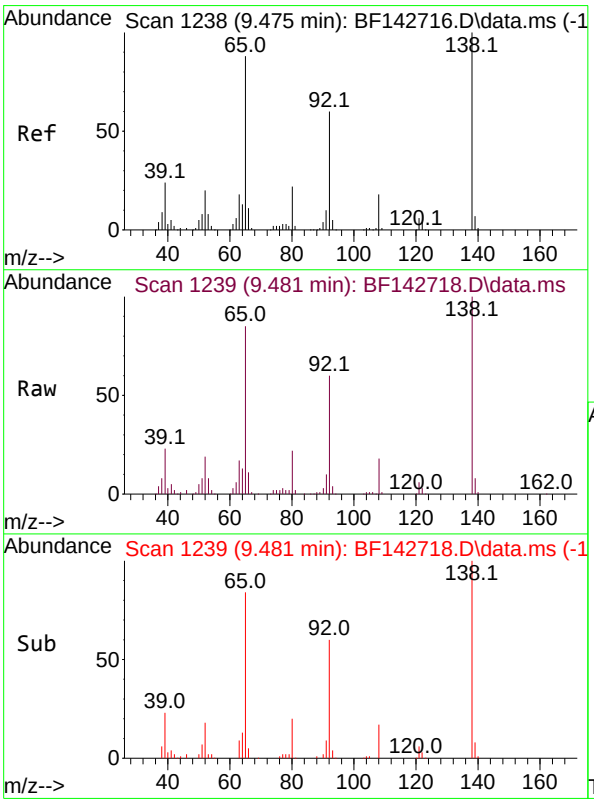
#47
2-Chloronaphthalene
Concen: 57.172 ng
RT: 9.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 532389

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.5	50.3
164	32.8	26.1	39.1

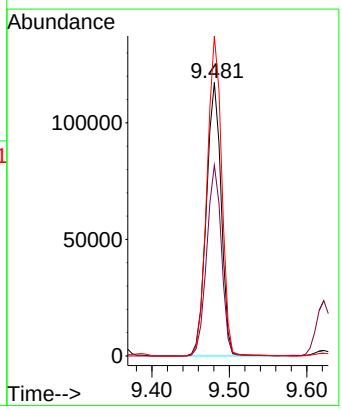


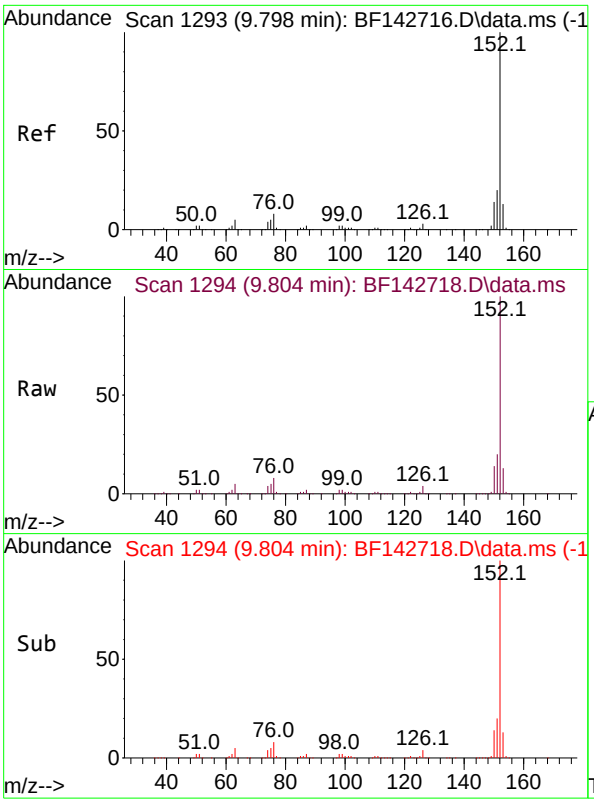


#48
2-Nitroaniline
Concen: 56.877 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion: 65 Resp: 156234

Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.5	81.7
138	117.0	90.6	136.0



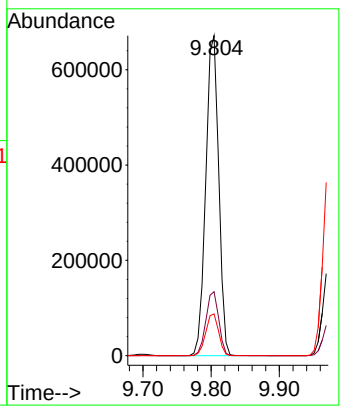


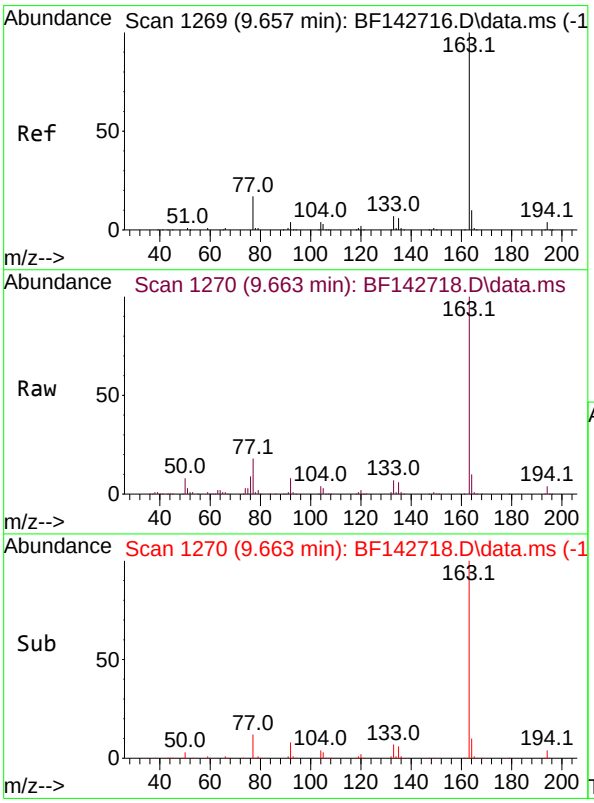
#49
Acenaphthylene
Concen: 57.422 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 887022

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.5	15.7

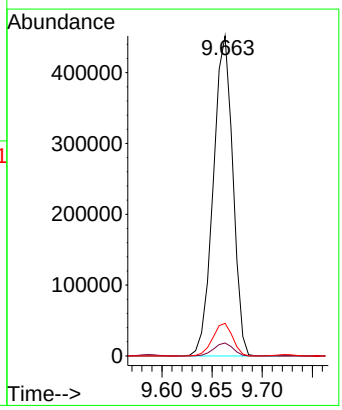


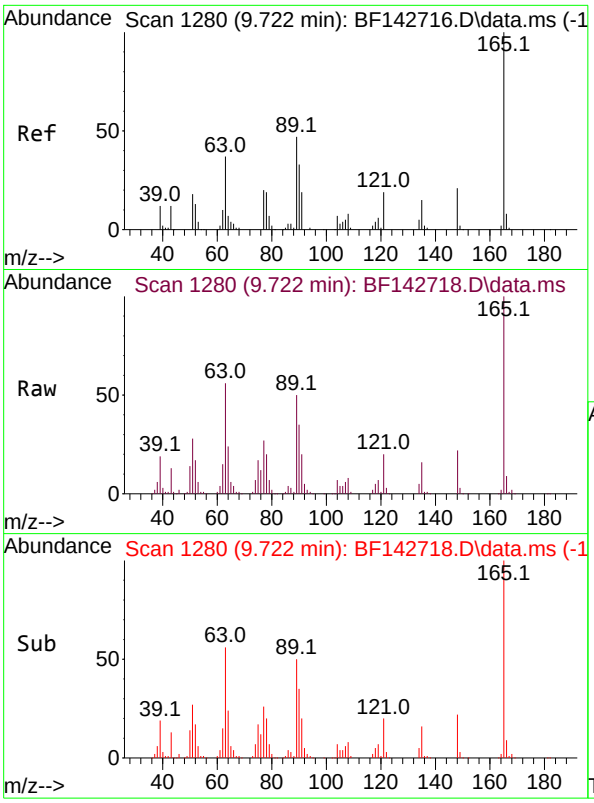


#50
Dimethylphthalate
Concen: 56.791 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:163 Resp: 611689

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.0	12.0



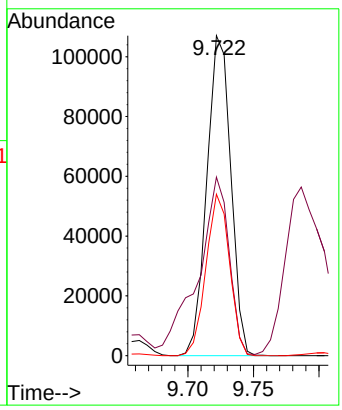


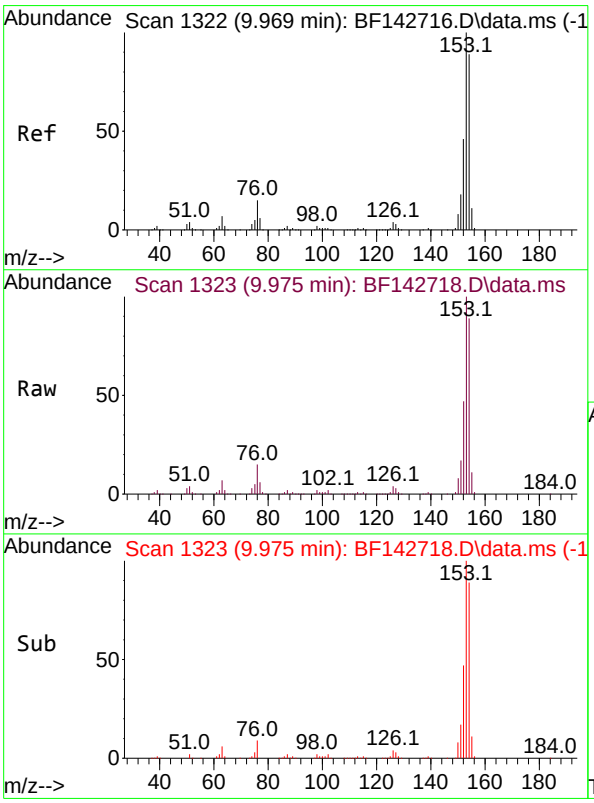
#51
2,6-Dinitrotoluene
Concen: 58.247 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 136180

Ion	Ratio	Lower	Upper
165	100		
63	55.8	40.6	60.8
89	50.5	37.6	56.4

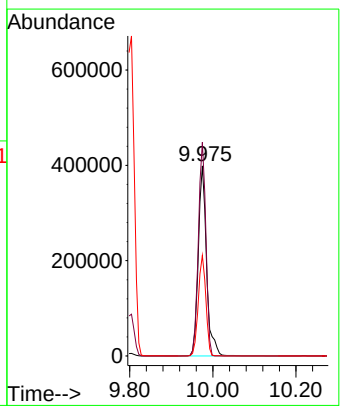


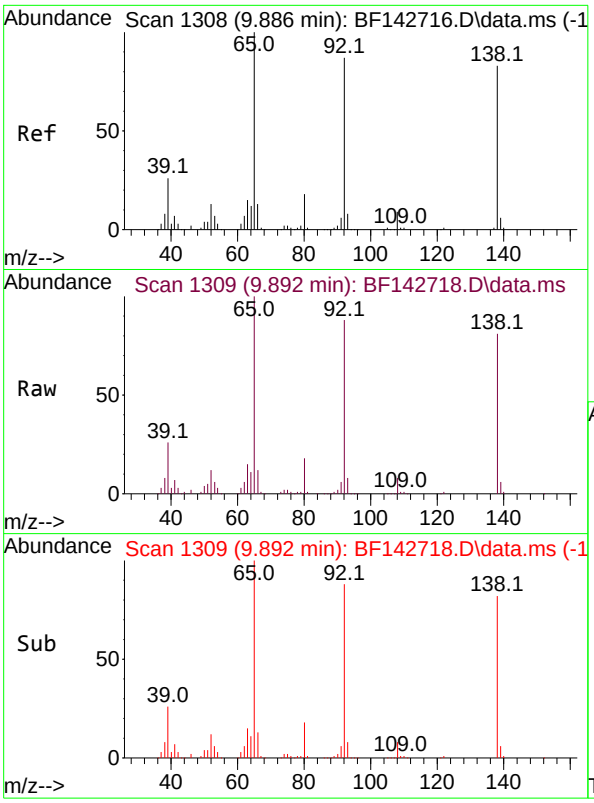


#52
Acenaphthene
Concen: 58.676 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:154 Resp: 554905

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.1	135.1
152	52.9	41.9	62.9



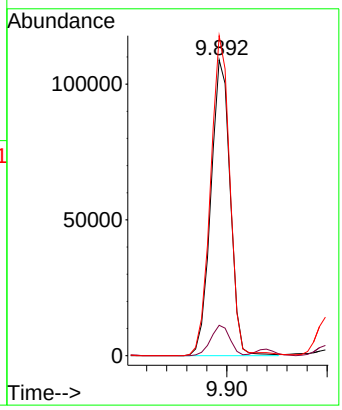


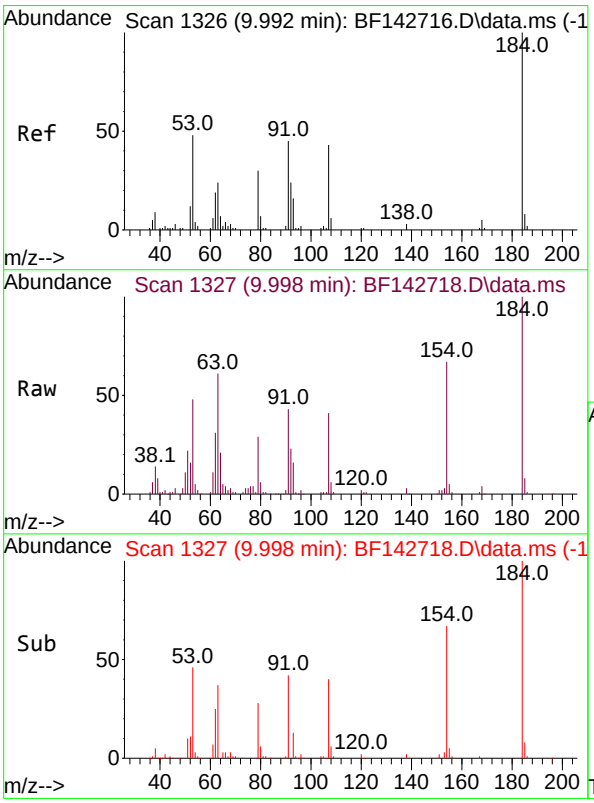
#53
3-Nitroaniline
Concen: 56.156 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 146064

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.3	12.5
92	108.1	84.6	127.0

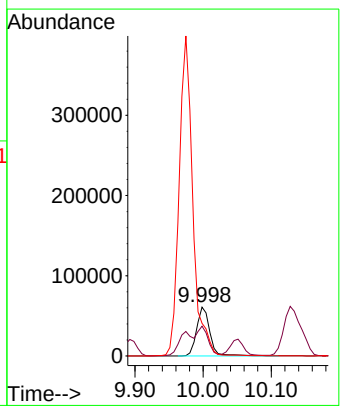


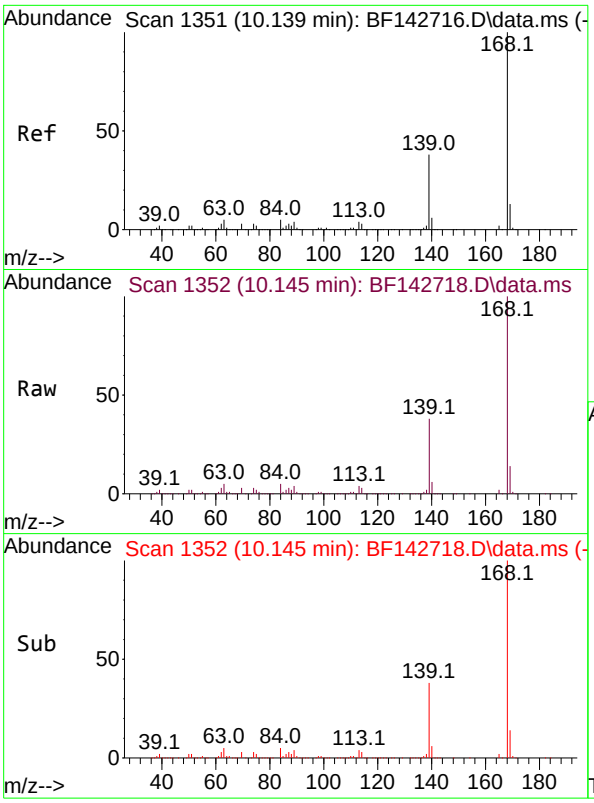


#54
2,4-Dinitrophenol
Concen: 63.685 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:184 Resp: 81703

Ion	Ratio	Lower	Upper
184	100		
63	61.1	51.7	77.5
154	66.8	60.1	90.1



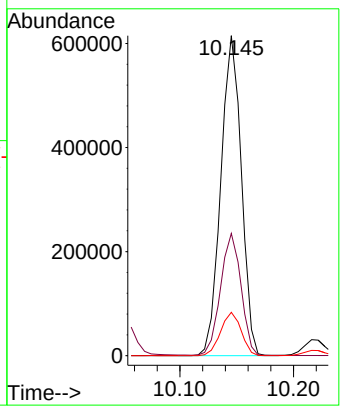


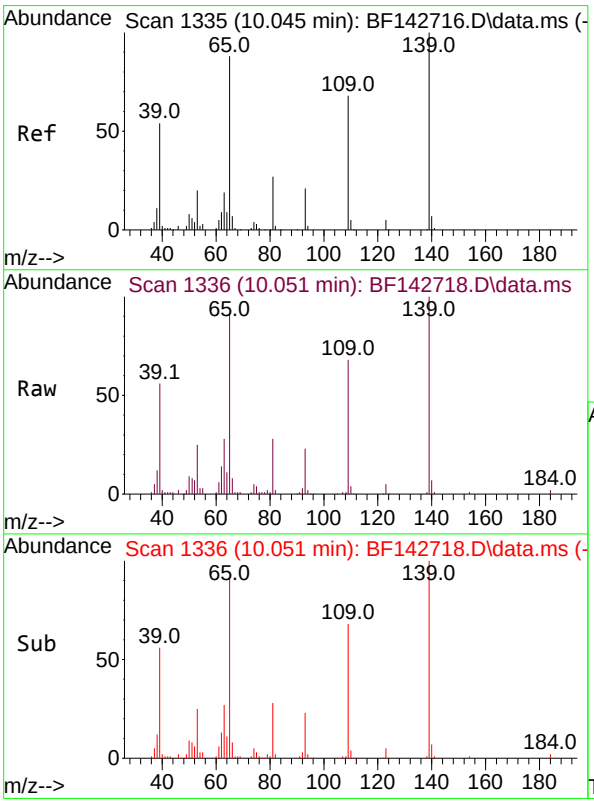
#55
Dibenzofuran
Concen: 56.888 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 771954

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.9	46.3
169	13.6	10.8	16.2

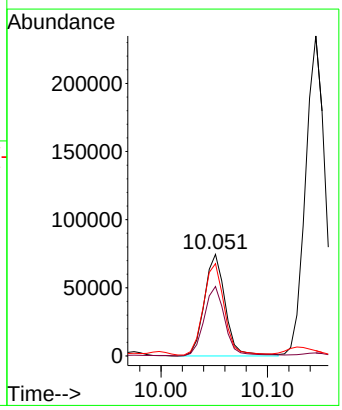


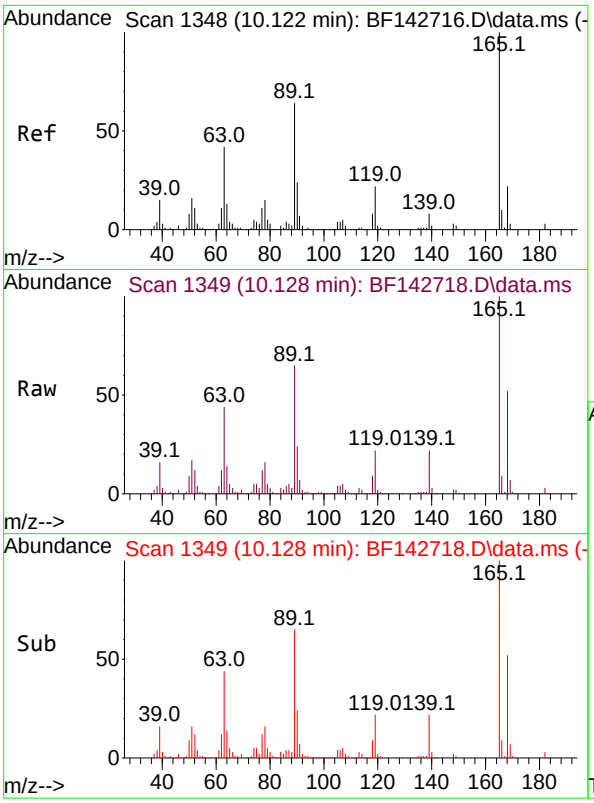


#56
4-Nitrophenol
Concen: 57.277 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:139 Resp: 101876

Ion	Ratio	Lower	Upper
139	100		
109	68.3	47.5	87.5
65	90.7	69.2	109.2



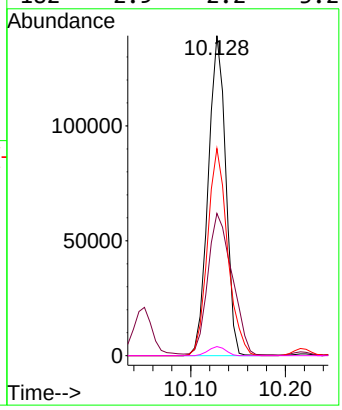


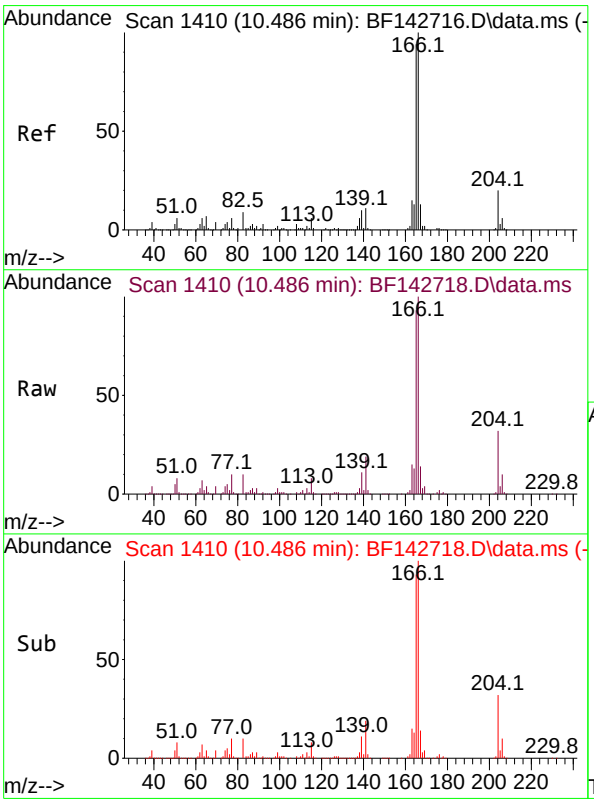
#57
2,4-Dinitrotoluene
Concen: 57.408 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 178632

Ion	Ratio	Lower	Upper
165	100		
63	44.5	34.1	51.1
89	64.8	50.8	76.2
182	2.9	2.2	3.2

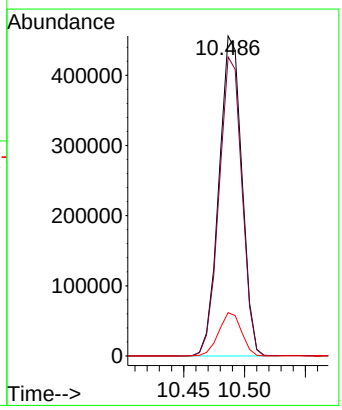


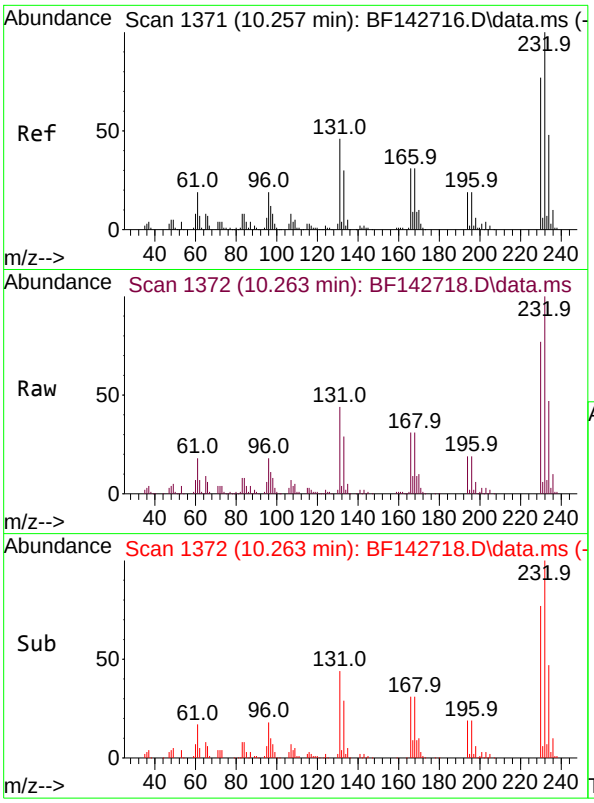


#58
Fluorene
Concen: 54.996 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:166 Resp: 595563

Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.9	112.3
167	13.5	10.7	16.1



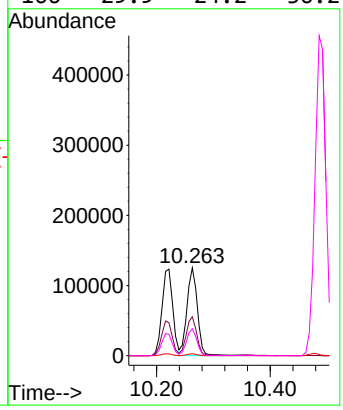


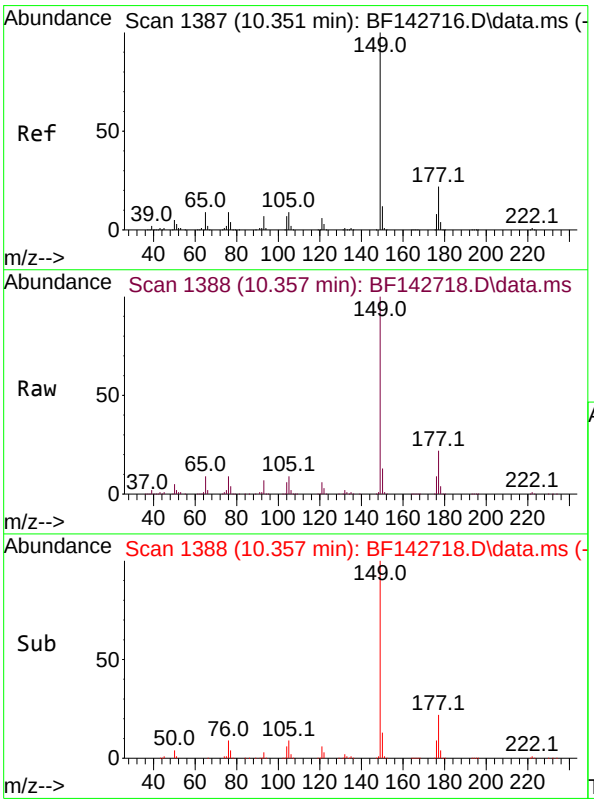
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.920 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 159267

Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.8	53.8
130	2.2	1.8	2.6
166	29.9	24.2	36.2

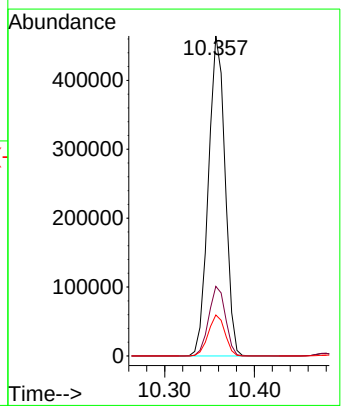


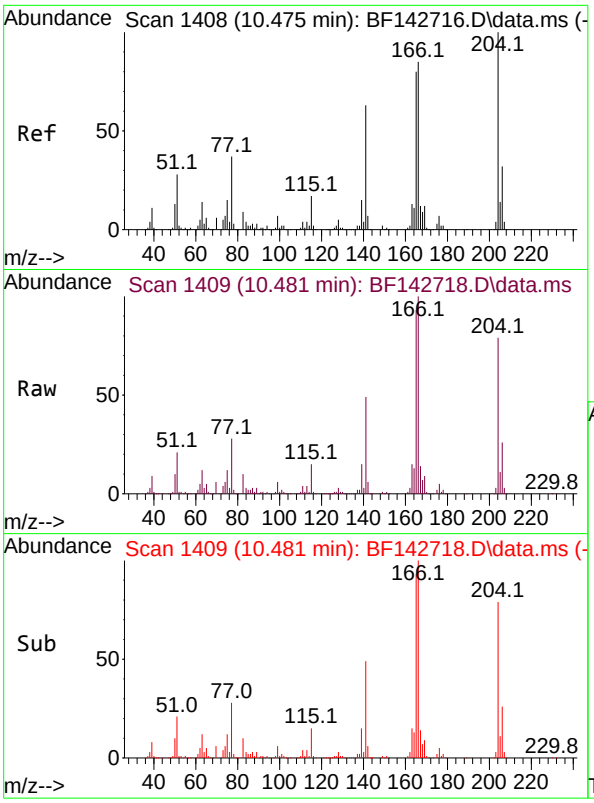


#60
Diethylphthalate
Concen: 57.137 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:149 Resp: 598763

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.8	10.0	15.0



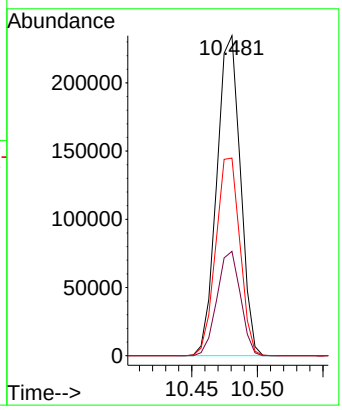


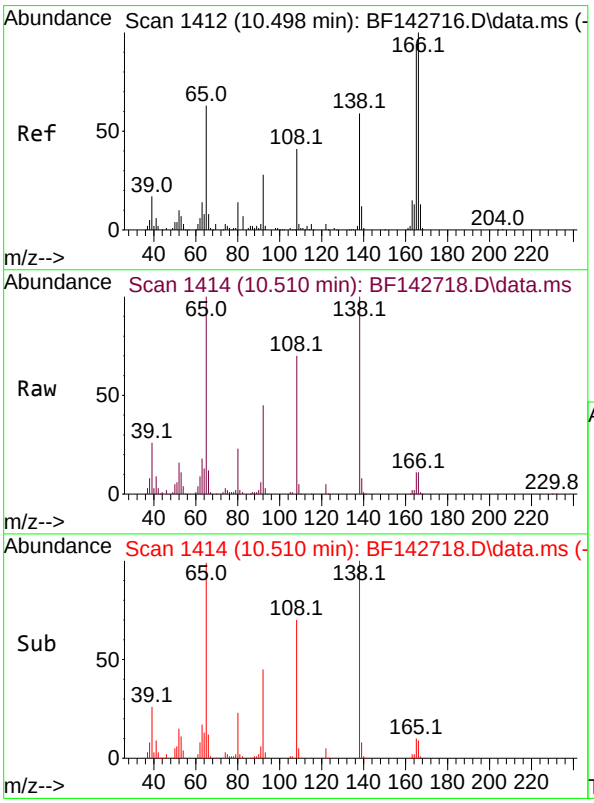
#61
4-Chlorophenyl-phenylether
Concen: 56.952 ng
RT: 10.481 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 293201

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	61.7	50.2	75.4

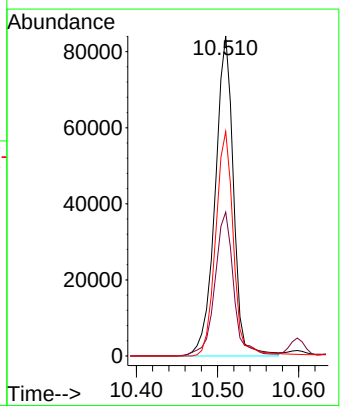


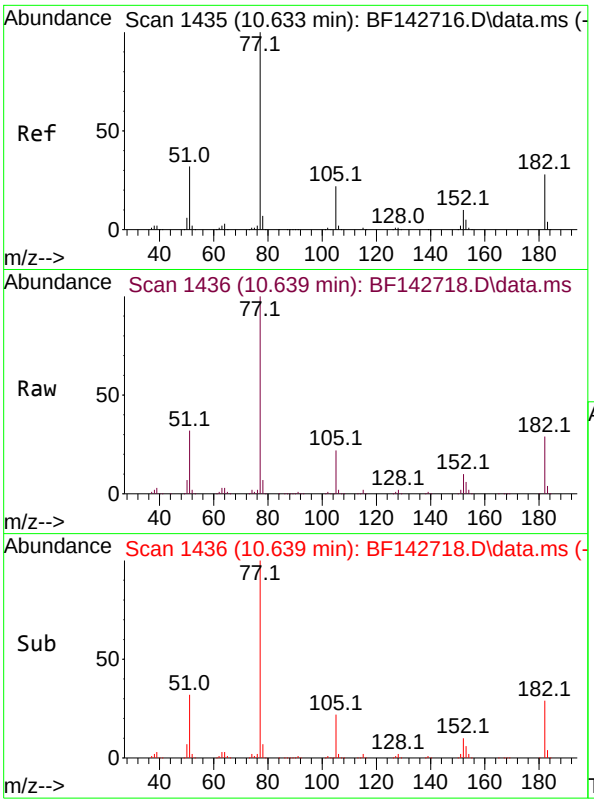


#62
4-Nitroaniline
Concen: 54.263 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:138 Resp: 132255

Ion	Ratio	Lower	Upper
138	100		
92	45.0	27.2	67.2
108	70.2	49.9	89.9



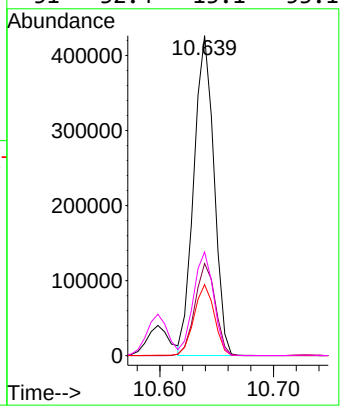


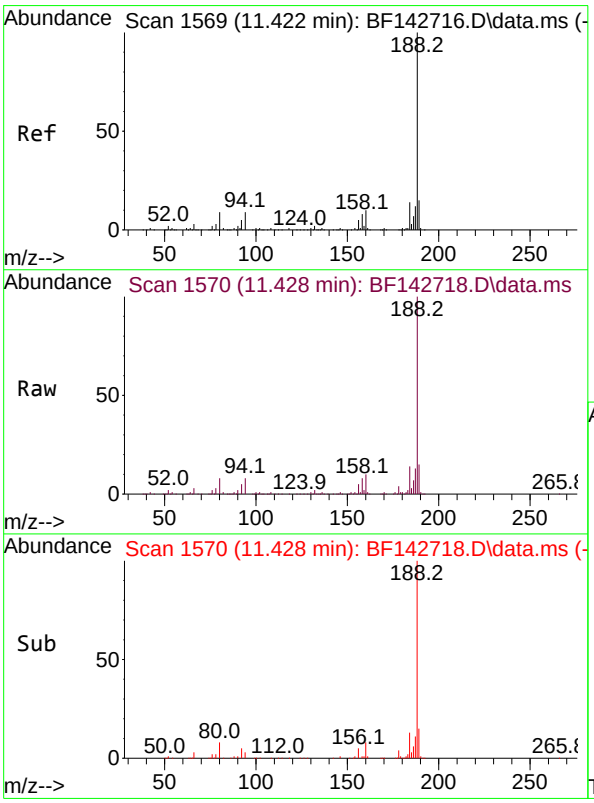
#63
Azobenzene
Concen: 55.964 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 525675

Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.8	47.8
105	22.2	1.9	41.9
51	32.4	13.1	53.1

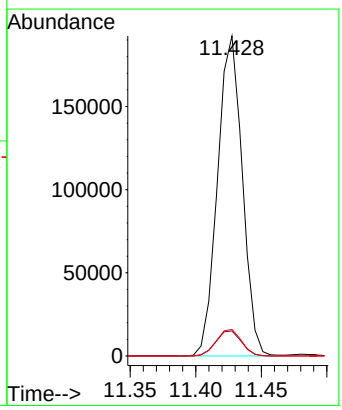


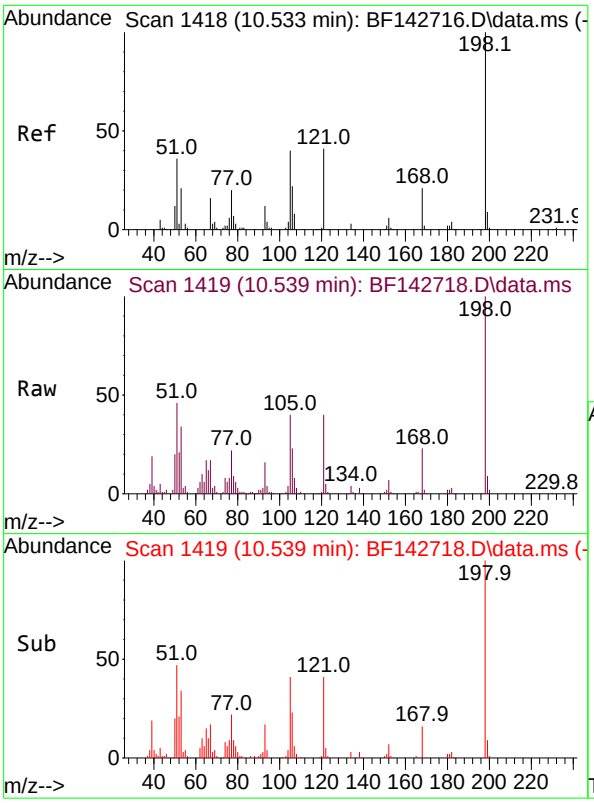


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:188 Resp: 252673

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.3	7.1	10.7



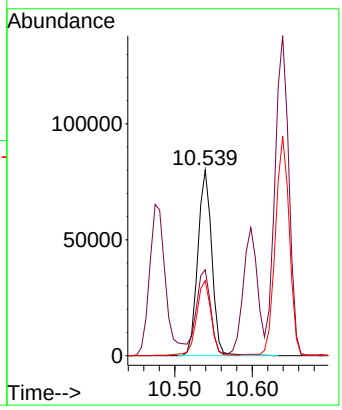


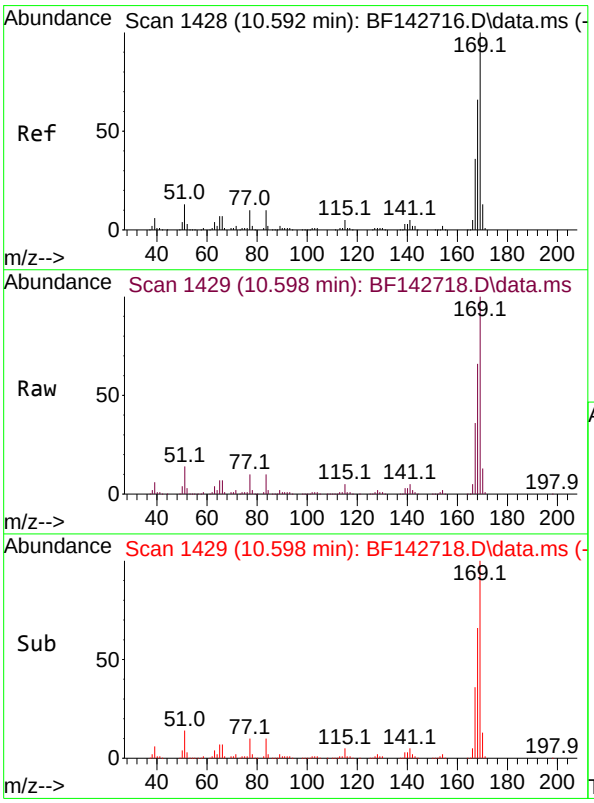
#65
4,6-Dinitro-2-methylphenol
Concen: 63.997 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 100568

Ion	Ratio	Lower	Upper
198	100		
51	46.2	25.5	65.5
105	40.4	21.1	61.1

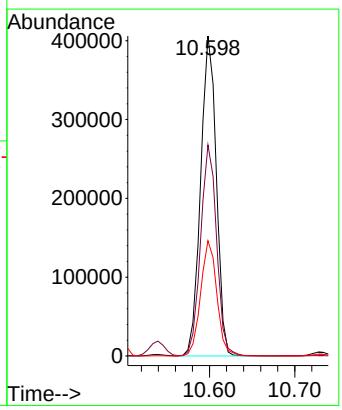


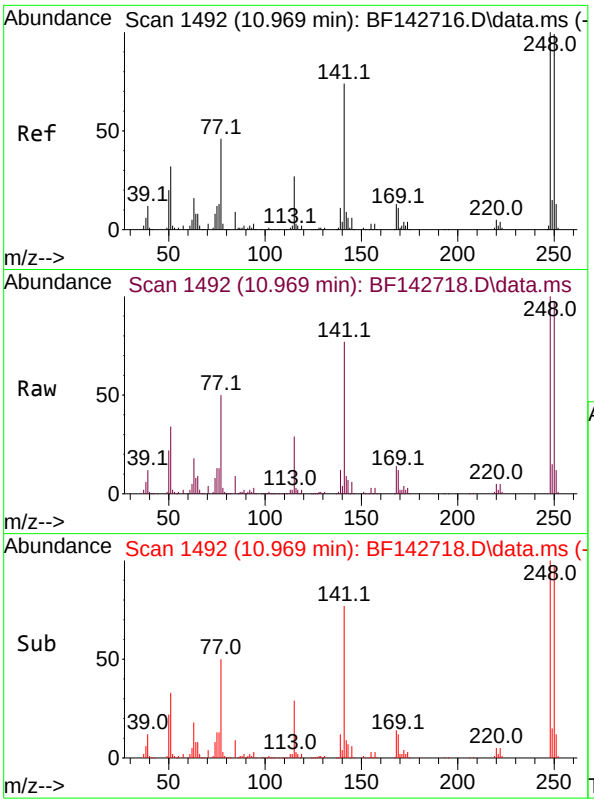


#66
n-Nitrosodiphenylamine
Concen: 63.672 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:169 Resp: 518951

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.0	79.4
167	36.0	28.7	43.1



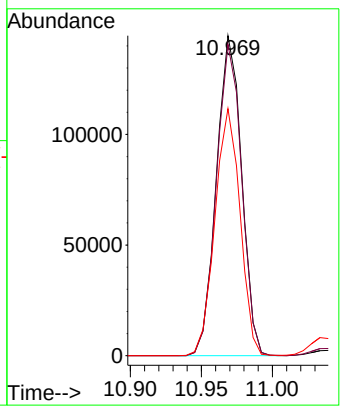


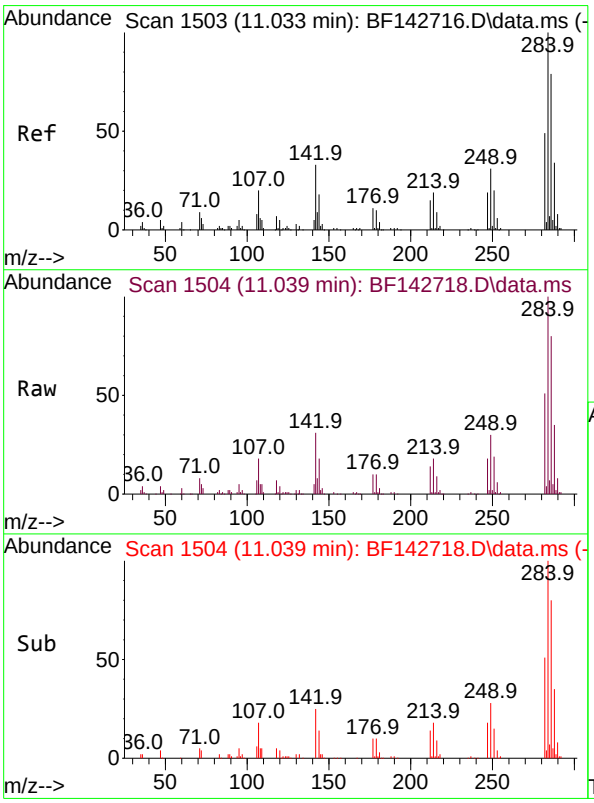
#67
4-Bromophenyl-phenylether
Concen: 63.879 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 178556

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.2	118.8
141	77.2	59.3	88.9

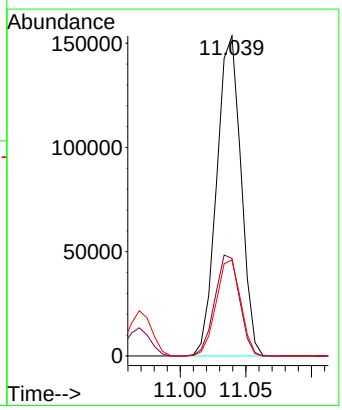


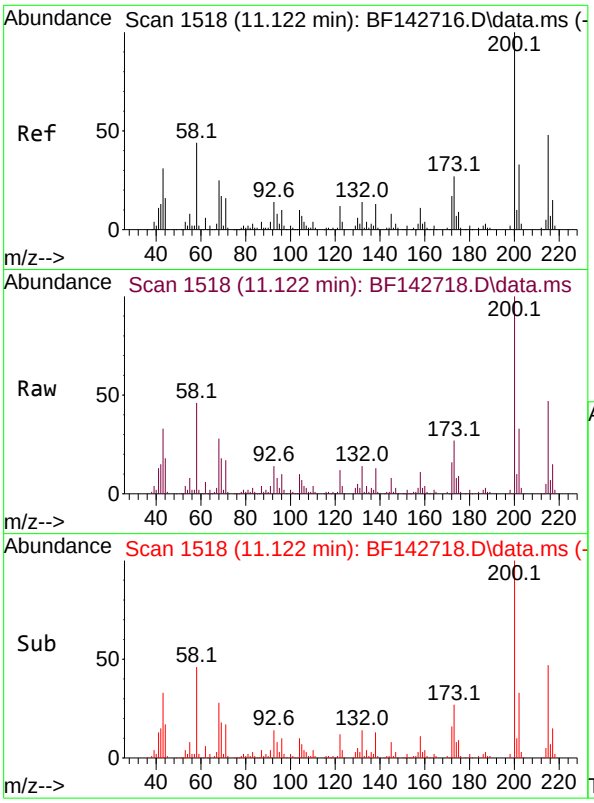


#68
Hexachlorobenzene
Concen: 61.808 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:284 Resp: 197268

Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.0	39.0
249	30.0	24.6	37.0



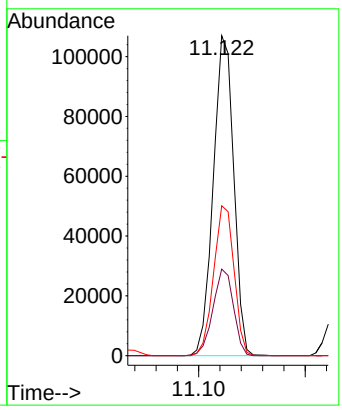


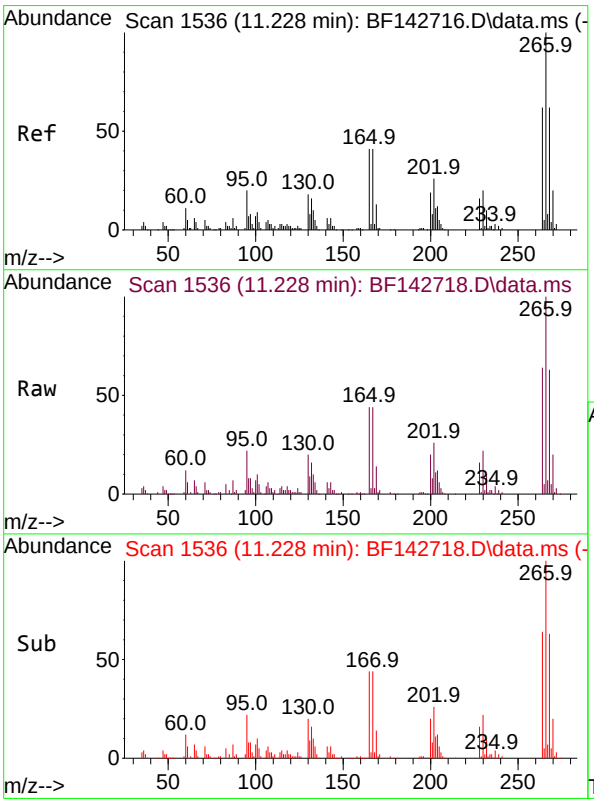
#69
Atrazine
Concen: 58.764 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 142413

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	46.8	28.2	68.2

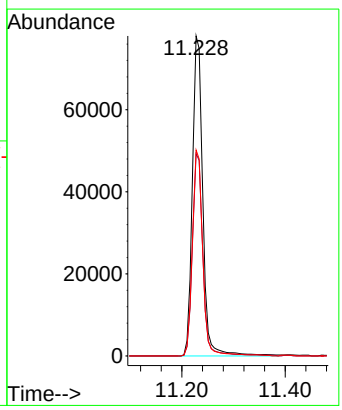


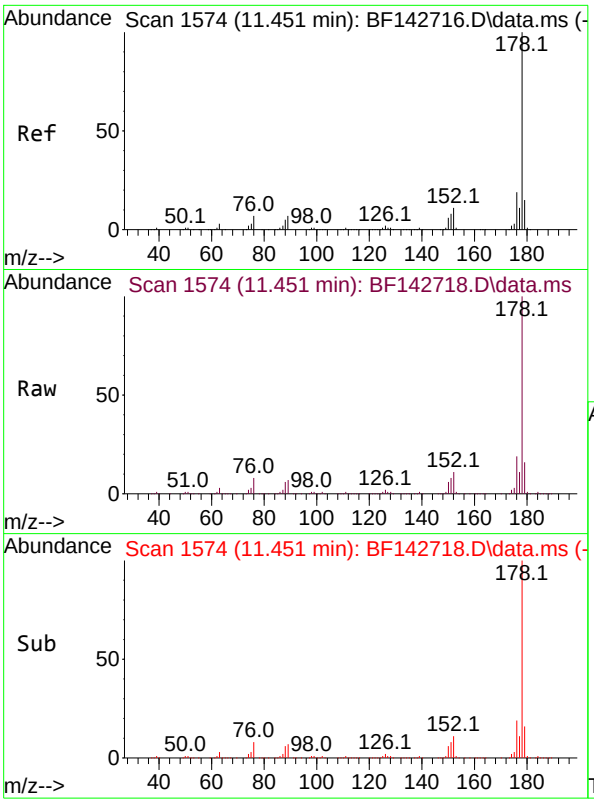


#70
Pentachlorophenol
Concen: 63.448 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:266 Resp: 109333

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.6	74.4
264	64.3	49.5	74.3



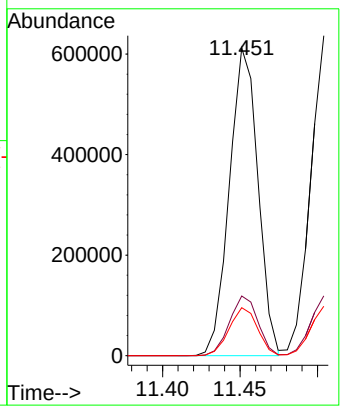


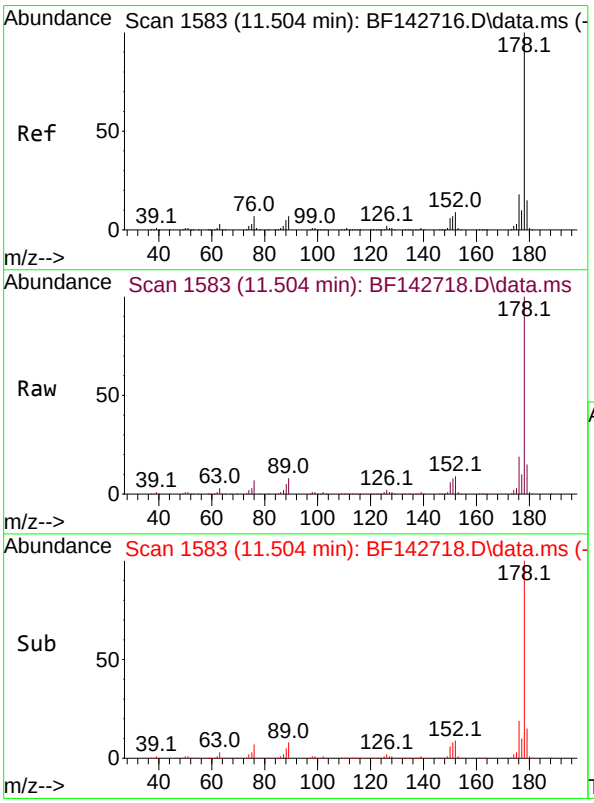
#71
Phenanthrene
Concen: 58.077 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 784909

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.2	18.4

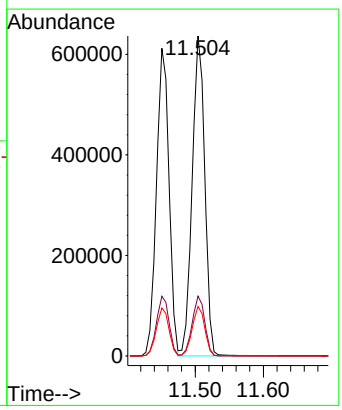


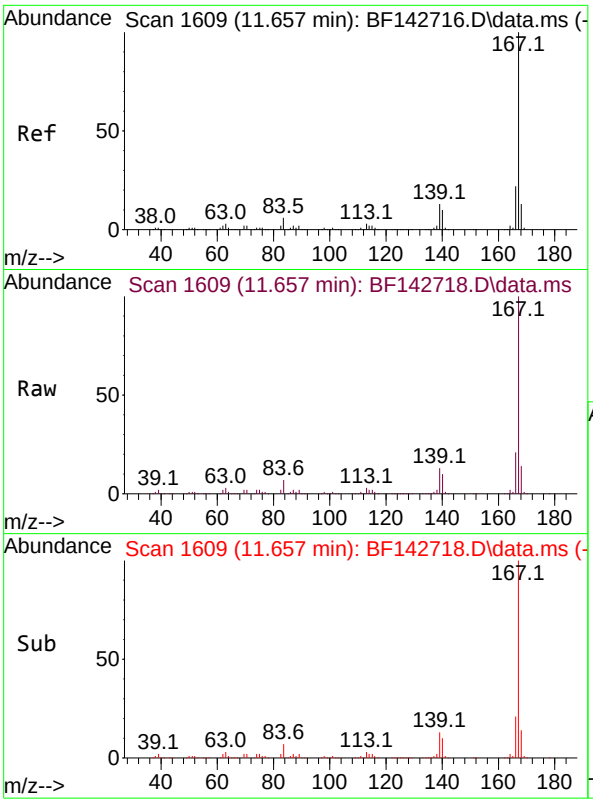


#72
Anthracene
Concen: 58.050 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:178 Resp: 812386

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.2	18.2



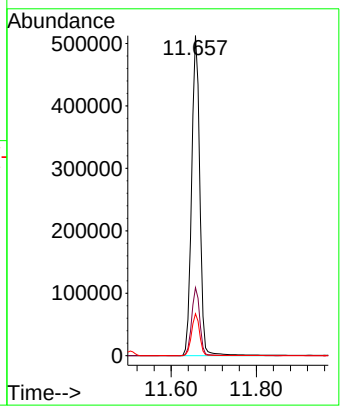


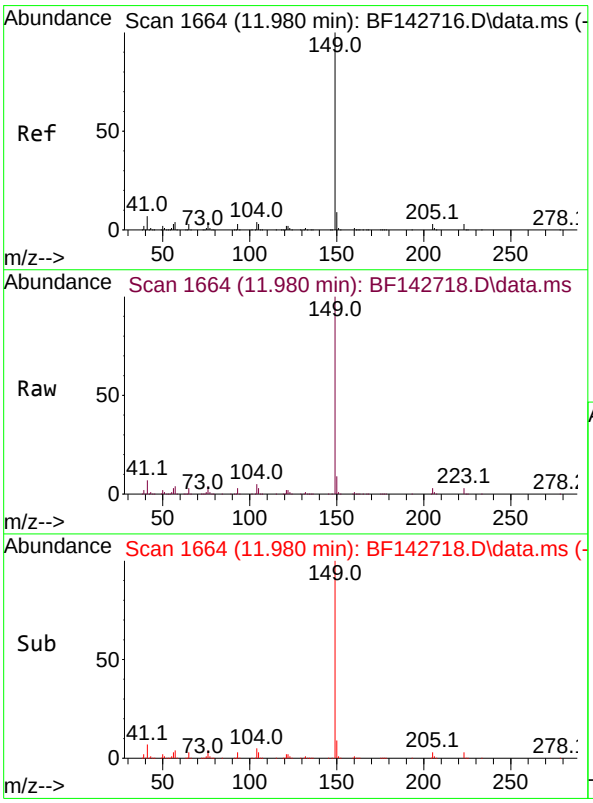
#73
Carbazole
Concen: 55.049 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 684308

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.1	10.2	15.4

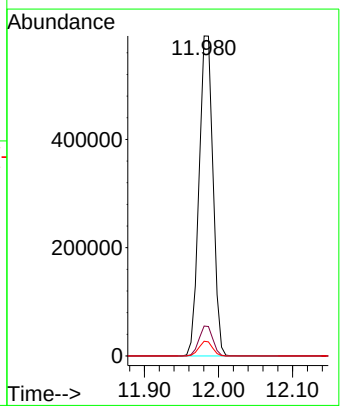


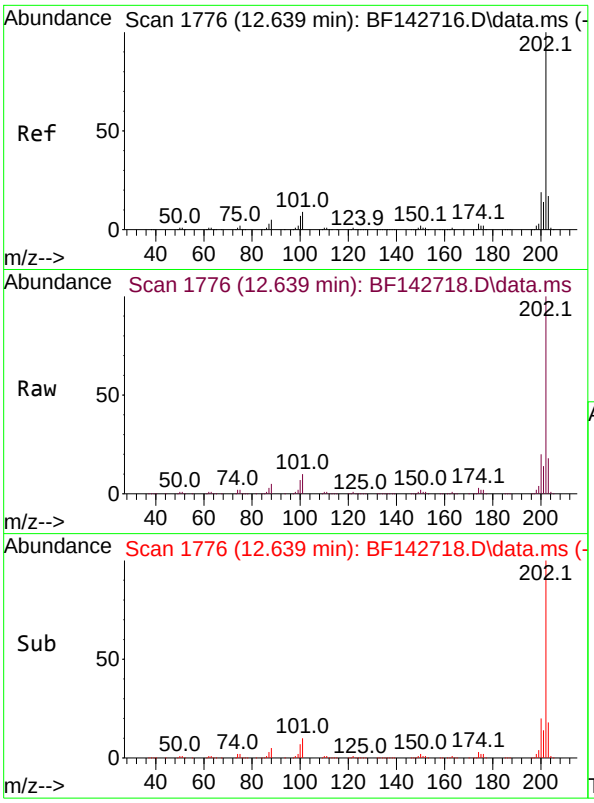


#74
Di-n-butylphthalate
Concen: 58.582 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:149 Resp: 770707

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	4.6	3.4	5.2



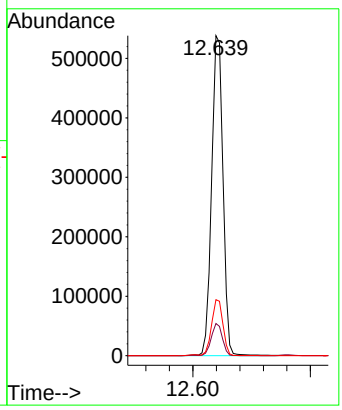


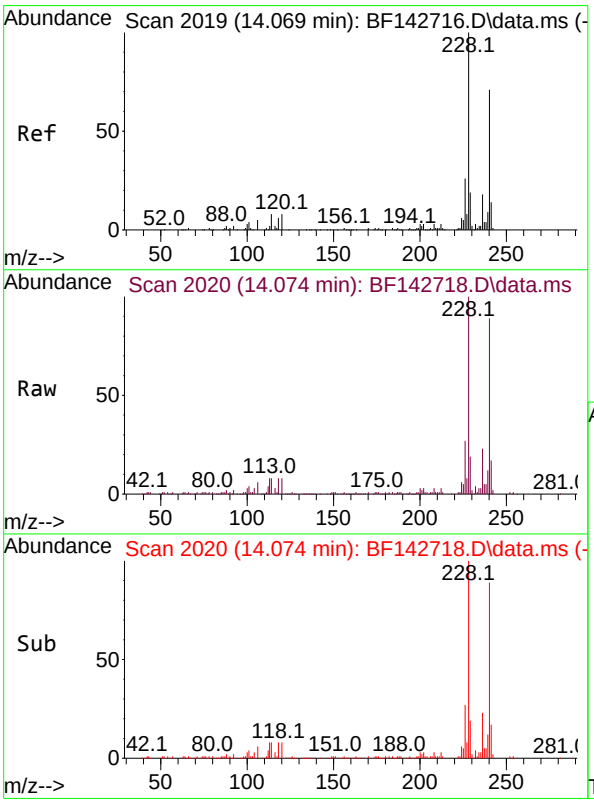
#75
Fluoranthene
Concen: 54.970 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 722554

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.5
203	17.5	0.0	37.0

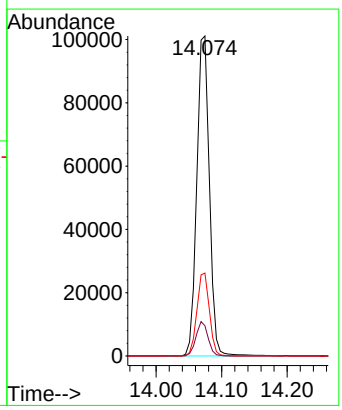


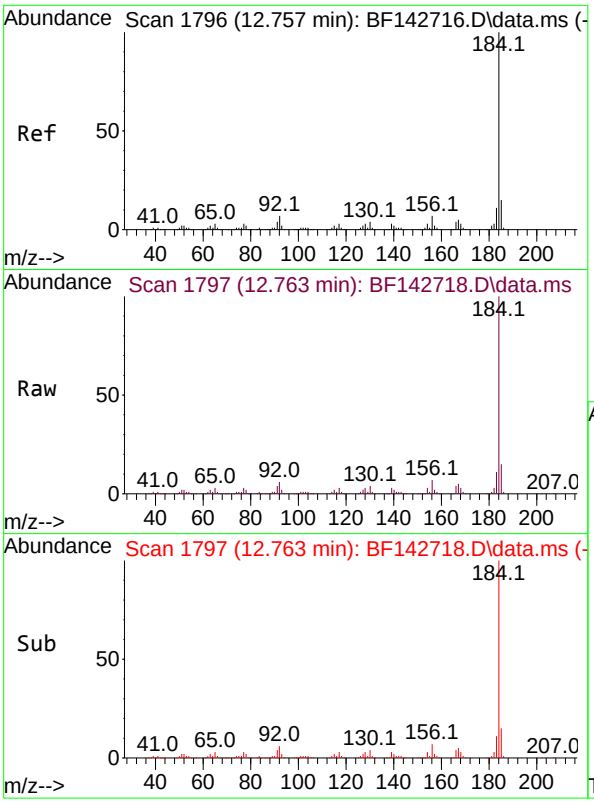


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:240 Resp: 135419

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.5	12.7
236	25.9	20.1	30.1



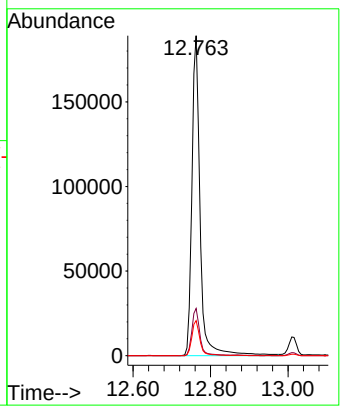


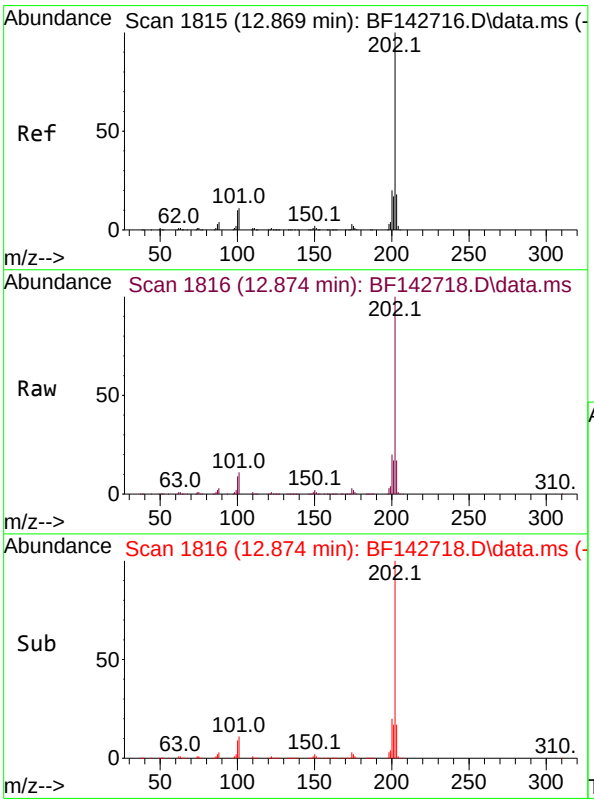
#77
Benzidine
Concen: 58.454 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 277907

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.0	8.6	12.8

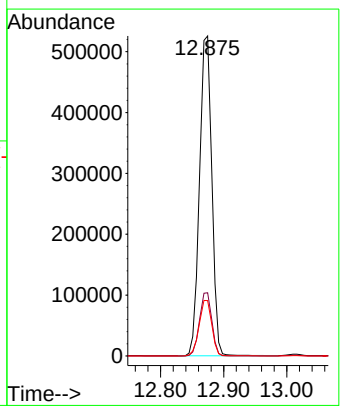


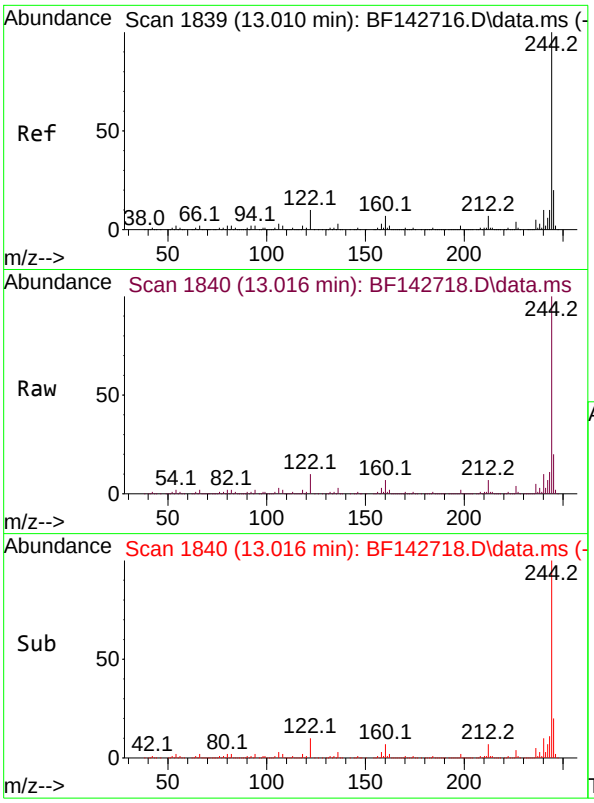


#78
Pyrene
Concen: 62.270 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:202 Resp: 712252

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.3	14.1	21.1



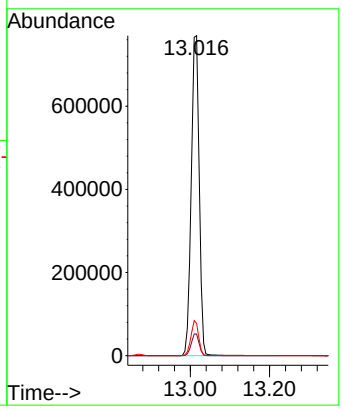


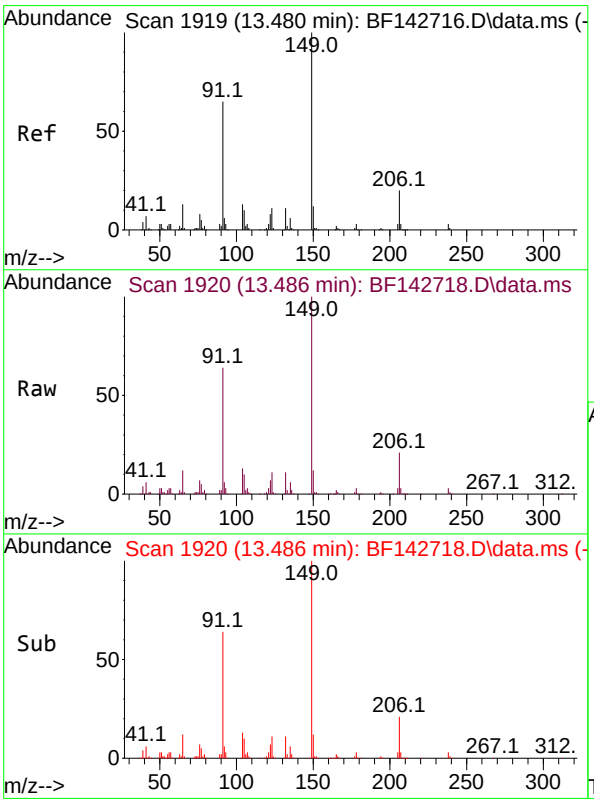
#79
Terphenyl-d14
Concen: 120.985 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1078559

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.1	8.3	12.5

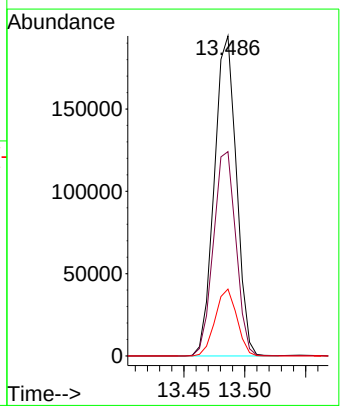


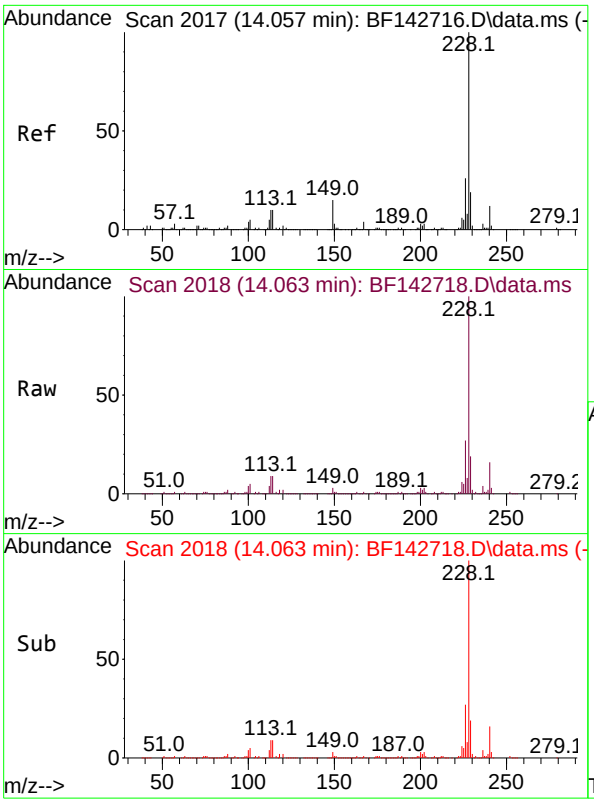


#80
Butylbenzylphthalate
Concen: 70.369 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:149 Resp: 245824

Ion	Ratio	Lower	Upper
149	100		
91	63.8	52.3	78.5
206	20.9	16.0	24.0



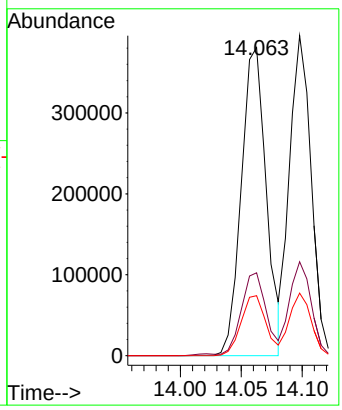


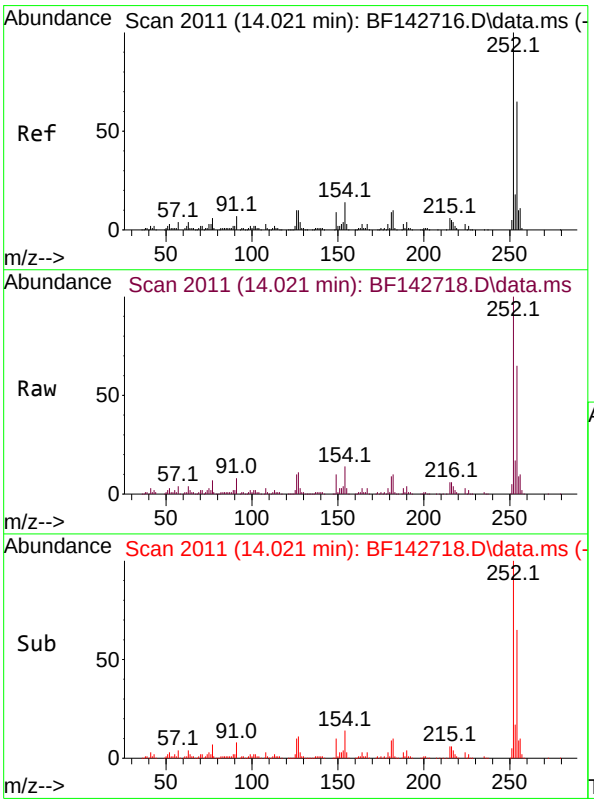
#81
Benzo(a)anthracene
Concen: 61.517 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 544367

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.5	15.5	23.3

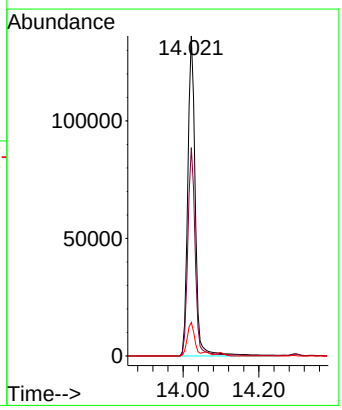


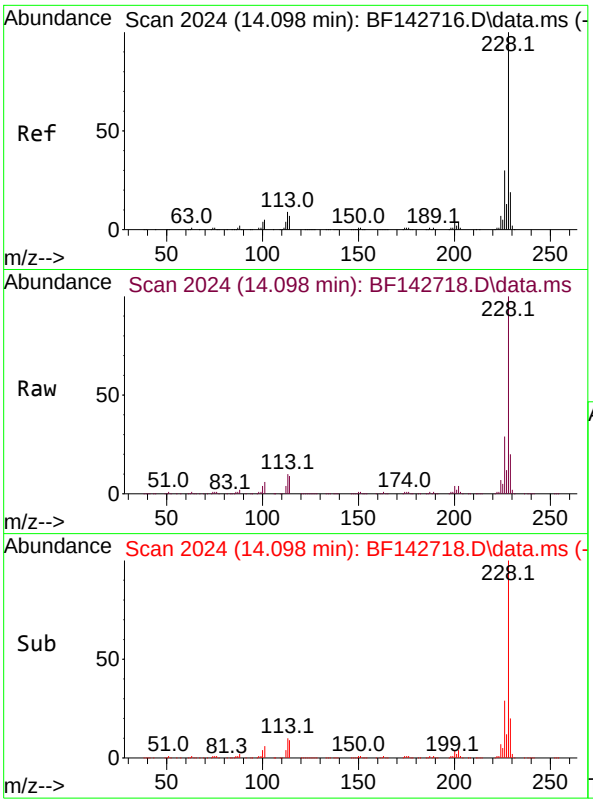


#82
3,3'-Dichlorobenzidine
Concen: 65.923 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:252 Resp: 186410

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.6
126	10.4	8.1	12.1



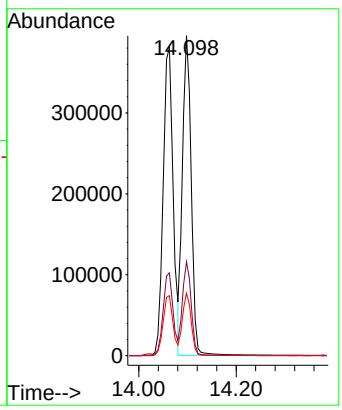


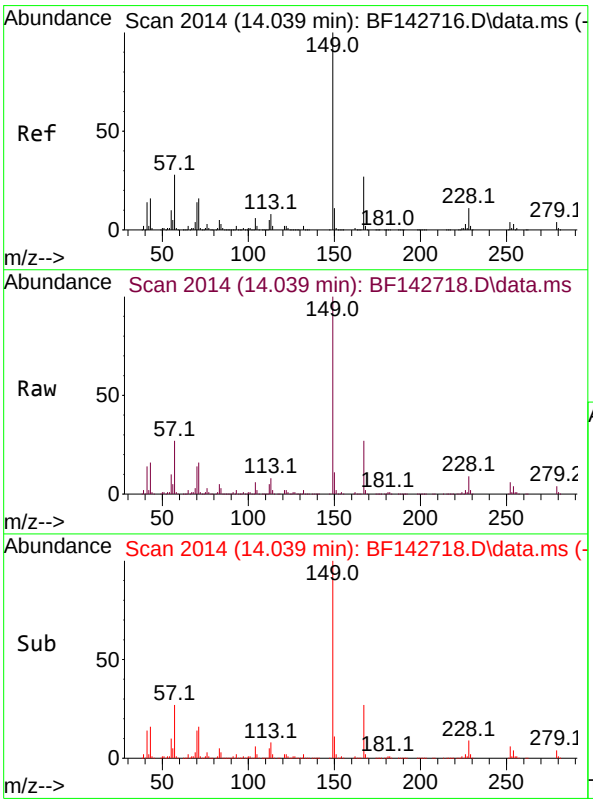
#83
Chrysene
Concen: 59.836 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 496488

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	19.5	15.5	23.3

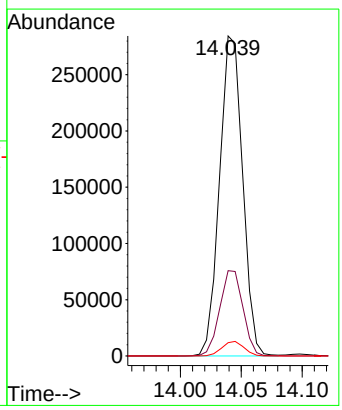


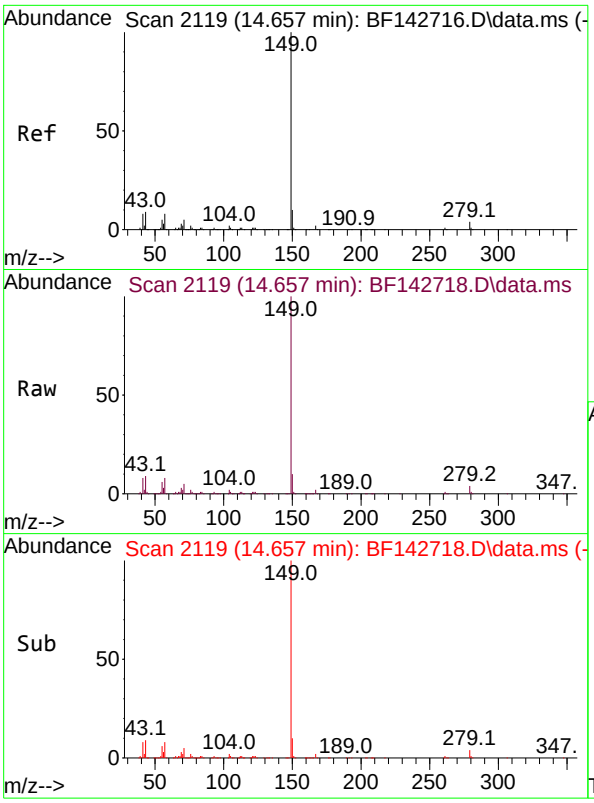


#84
Bis(2-ethylhexyl)phthalate
Concen: 90.267 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:149 Resp: 375994

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.2
279	4.2	3.0	4.4



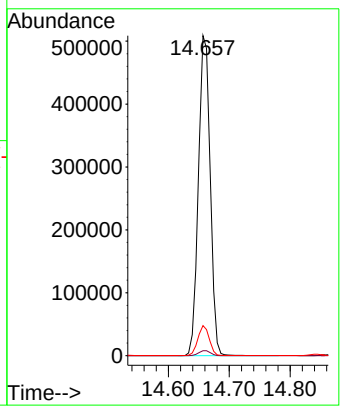


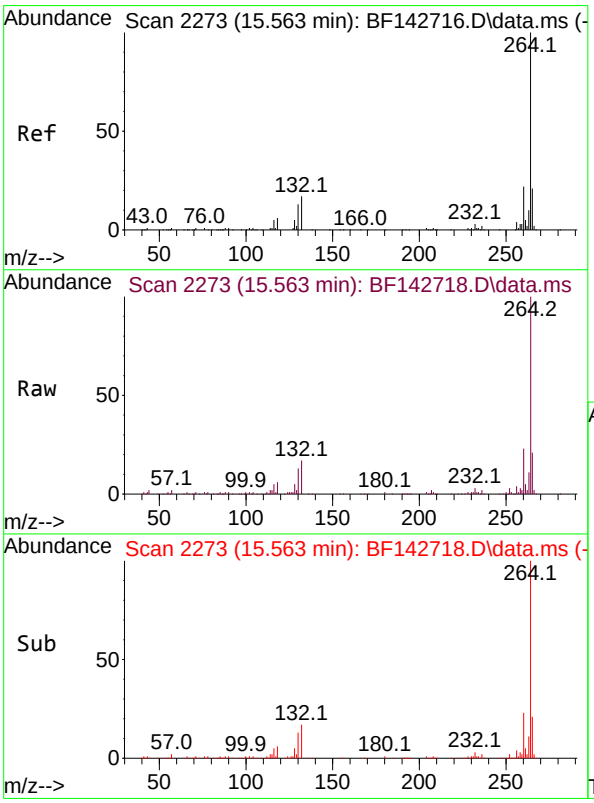
#85
Di-n-octyl phthalate
Concen: 83.193 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 682501

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.3	10.9

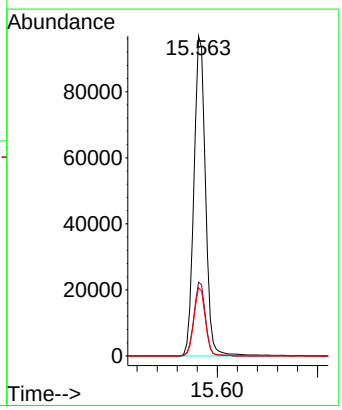


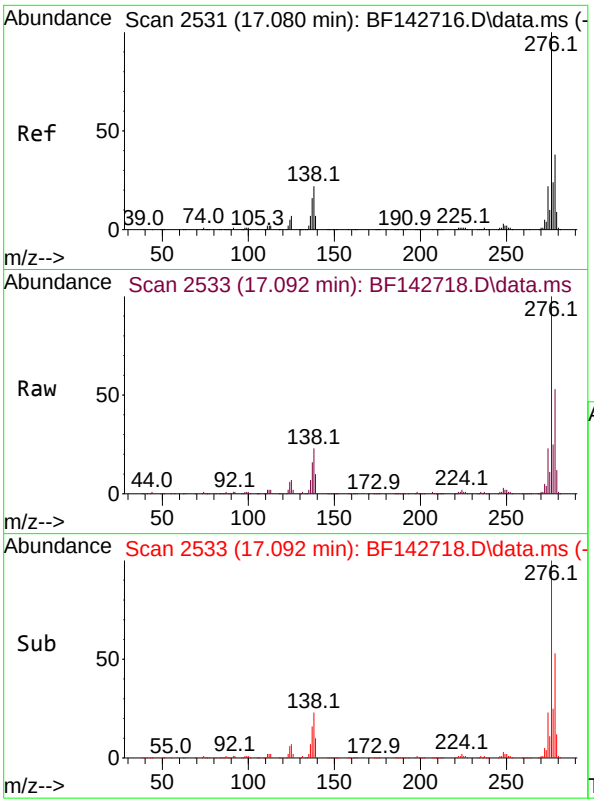


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:264 Resp: 154871

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	21.4	16.6	25.0



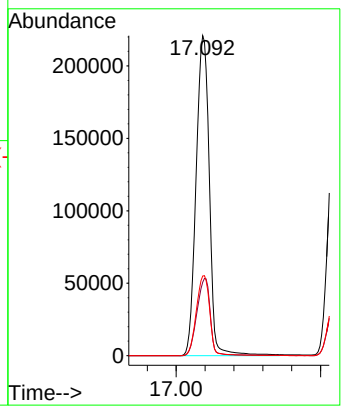


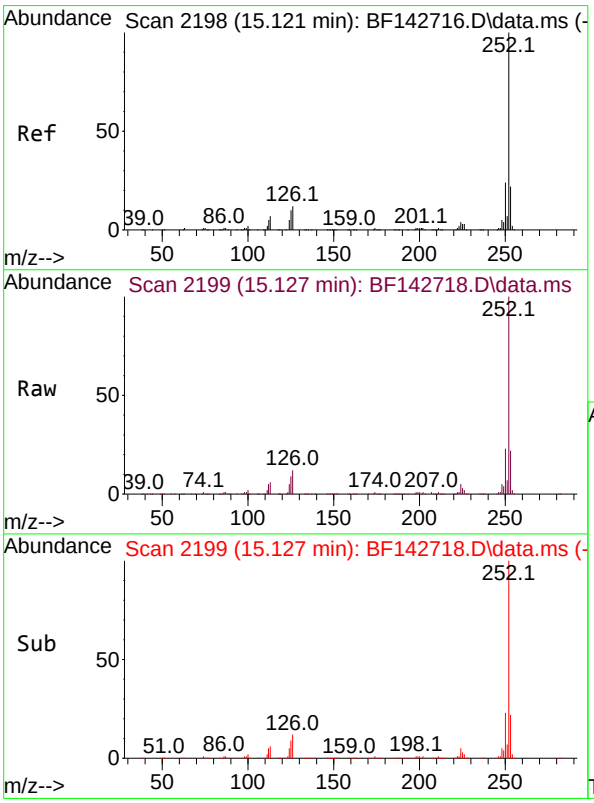
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.705 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 703616

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.2	20.2	30.2

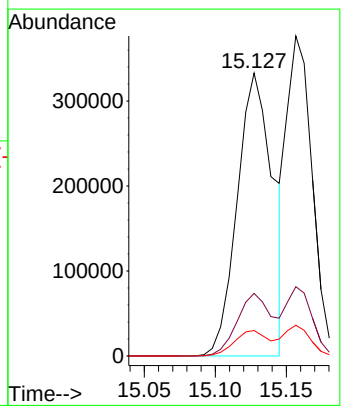


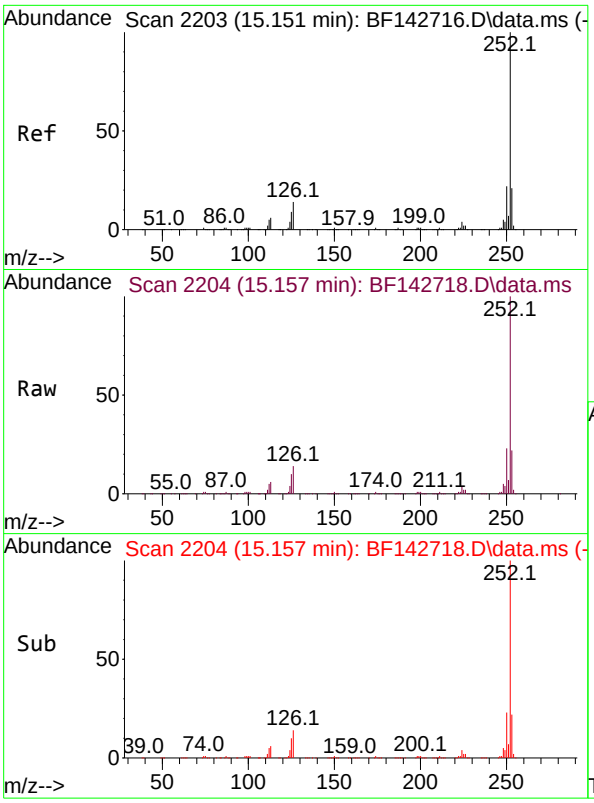


#88
Benzo(b)fluoranthene
Concen: 62.612 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:252 Resp: 581154

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.0	7.8	11.6



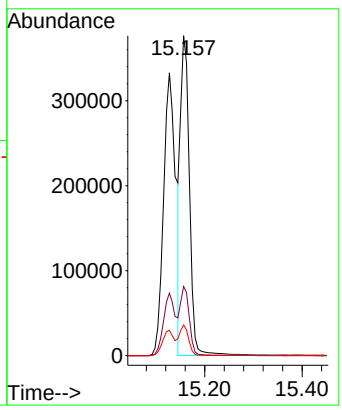


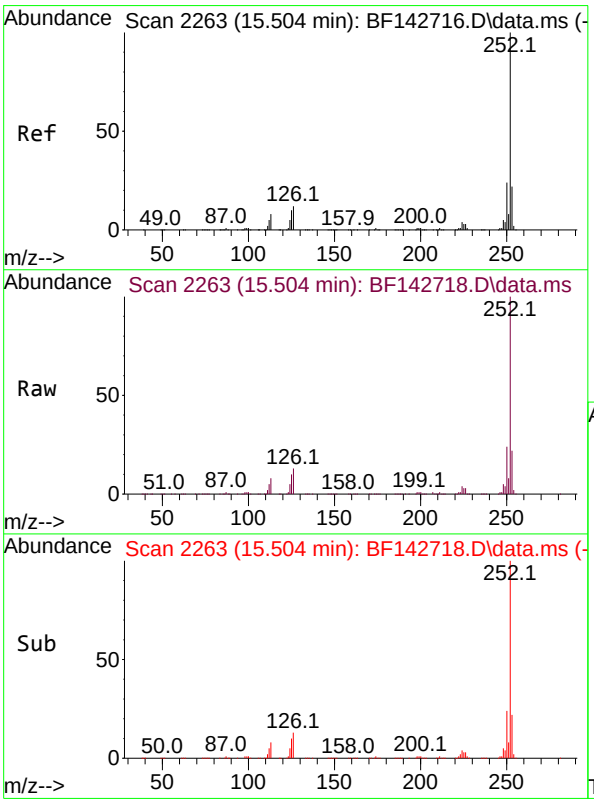
#89
Benzo(k)fluoranthene
Concen: 56.031 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 481088

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.6	7.5	11.3

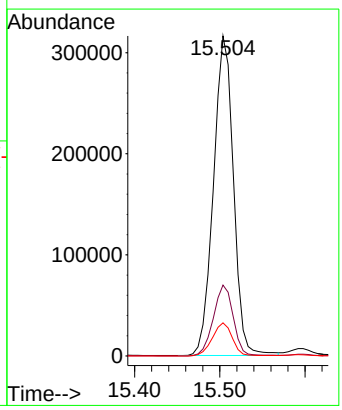


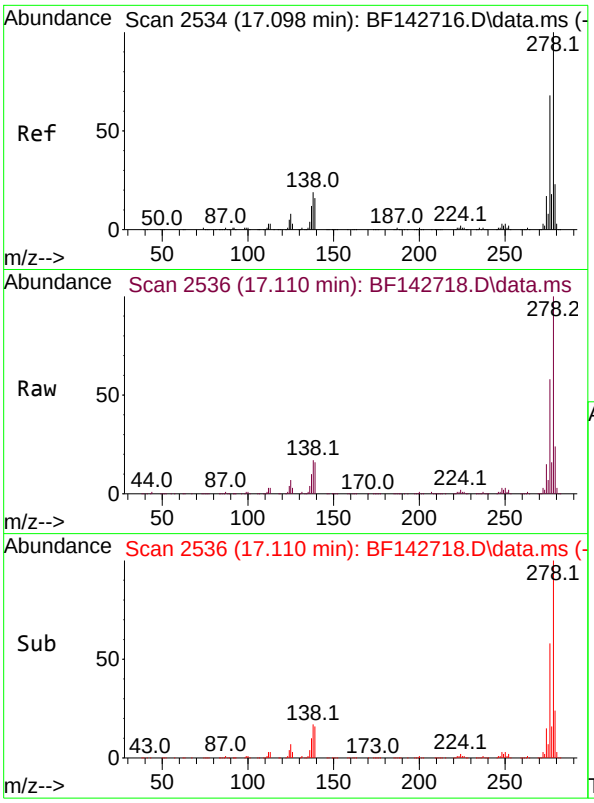


#90
Benzo(a)pyrene
Concen: 59.542 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:252 Resp: 516293

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.3	8.0	12.0



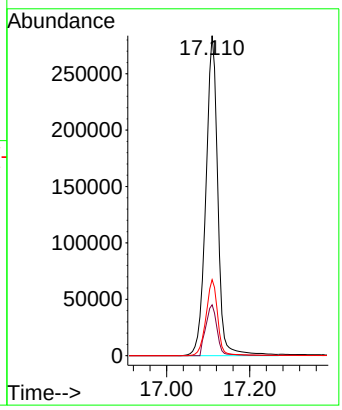


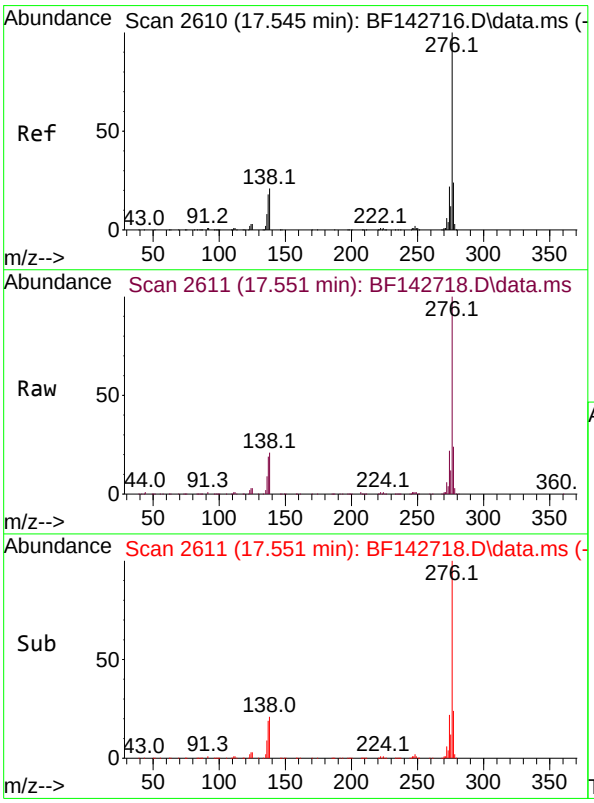
#91
Dibenzo(a,h)anthracene
Concen: 63.529 ng
RT: 17.110 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 567841

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.7	18.7	28.1

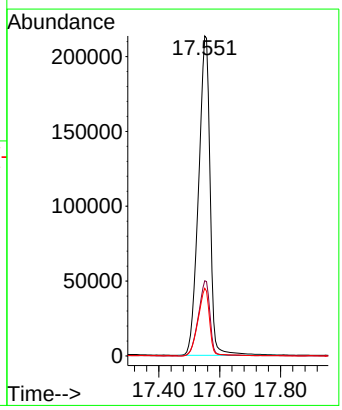




#92
Benzo(g,h,i)perylene
Concen: 60.872 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:276 Resp: 560664

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.2	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79493	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302818	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	163275	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	254680	20.000	ng	0.00
76) Chrysene-d12	14.074	240	134451	20.000	ng	0.00
86) Perylene-d12	15.568	264	159401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	683690	145.736	ng	0.01
7) Phenol-d6	6.534	99	828276	150.974	ng	0.01
23) Nitrobenzene-d5	7.469	82	838877	151.958	ng	0.01
42) 2,4,6-Tribromophenol	10.733	330	263313	143.986	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1683411	140.008	ng	0.00
79) Terphenyl-d14	13.016	244	1341427	151.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	139665	77.738	ng	98
3) Pyridine	3.440	79	356768	77.107	ng	100
4) n-Nitrosodimethylamine	3.416	42	186856	82.185	ng	100
6) Aniline	6.563	93	551994	74.919	ng	93
8) 2-Chlorophenol	6.681	128	387641	75.563	ng	98
10) Phenol	6.545	94	459718	75.034	ng	86
11) bis(2-Chloroethyl)ether	6.634	93	343229	76.473	ng	100
12) 1,3-Dichlorobenzene	6.840	146	423783	73.798	ng	98
13) 1,4-Dichlorobenzene	6.916	146	429010	73.329	ng	99
14) 1,2-Dichlorobenzene	7.069	146	407726	73.090	ng	100
15) Benzyl Alcohol	7.040	79	320131	79.079	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511637	70.438	ng	88
17) 2-Methylphenol	7.151	107	296621	75.776	ng	98
18) Hexachloroethane	7.410	117	155047	76.420	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	261726	80.661	ng	98
20) 3+4-Methylphenols	7.310	107	360549	74.532	ng	99
22) Acetophenone	7.316	105	494731	74.696	ng	99
24) Nitrobenzene	7.487	77	377341	75.974	ng	97
25) Isophorone	7.734	82	708591	78.433	ng	99
26) 2-Nitrophenol	7.798	139	215616	78.773	ng	99
27) 2,4-Dimethylphenol	7.834	122	354230	75.877	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	431554	76.862	ng	100
29) 2,4-Dichlorophenol	8.045	162	325461	76.711	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	355845	76.062	ng	100
31) Naphthalene	8.204	128	1093209	73.252	ng	99
32) Benzoic acid	7.987	122	225393	80.665	ng	98
33) 4-Chloroaniline	8.251	127	447813	73.120	ng	98
34) Hexachlorobutadiene	8.316	225	222847	76.955	ng	99
35) Caprolactam	8.651	113	89792m	69.799	ng	
36) 4-Chloro-3-methylphenol	8.739	107	330975	74.272	ng	99
37) 2-Methylnaphthalene	8.892	142	684643	72.000	ng	98
38) 1-Methylnaphthalene	8.992	142	702007	71.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	346913	73.054	ng	99
41) Hexachlorocyclopentadiene	9.045	237	258602	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	234753	75.673	ng	98
44) 2,4,5-Trichlorophenol	9.216	196	249904	75.229	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	919903	72.479	ng	99
47) 2-Chloronaphthalene	9.386	162	683953	72.031	ng	99
48) 2-Nitroaniline	9.481	65	202823	72.414	ng	99
49) Acenaphthylene	9.804	152	1139161	72.323	ng	100
50) Dimethylphthalate	9.669	163	806161	73.402	ng	100
51) 2,6-Dinitrotoluene	9.728	165	174846	73.343	ng	94
52) Acenaphthene	9.975	154	717734	74.430	ng	99
53) 3-Nitroaniline	9.898	138	192508	72.585	ng	99
54) 2,4-Dinitrophenol	10.004	184	110303	84.319	ng	90
55) Dibenzofuran	10.145	168	990916	71.616	ng	100
56) 4-Nitrophenol	10.057	139	135550	74.740	ng	99
57) 2,4-Dinitrotoluene	10.133	165	227420	71.678	ng	94
58) Fluorene	10.492	166	762320	69.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	202852	73.596	ng	99
60) Diethylphthalate	10.363	149	759980	71.123	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	373104	71.075	ng	99
62) 4-Nitroaniline	10.516	138	170338	68.540	ng	99
63) Azobenzene	10.639	77	682466	71.254	ng	100
65) 4,6-Dinitro-2-methylph...	10.545	198	131400	82.959	ng	99
66) n-Nitrosodiphenylamine	10.604	169	663248	80.735	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	231210	82.064	ng	96
68) Hexachlorobenzene	11.039	284	255393	79.389	ng	99
69) Atrazine	11.128	200	181083	74.132	ng	99
70) Pentachlorophenol	11.233	266	145096	83.538	ng	98
71) Phenanthrene	11.457	178	996749	73.171	ng	100
72) Anthracene	11.504	178	1022318	72.476	ng	100
73) Carbazole	11.657	167	847728	67.657	ng	99
74) Di-n-butylphthalate	11.986	149	971270	73.246	ng	100
75) Fluoranthene	12.645	202	894185	67.491	ng	99
77) Benzidine	12.763	184	297389	63.003	ng	100
78) Pyrene	12.874	202	879551	77.450	ng	100
80) Butylbenzylphthalate	13.486	149	316085	91.133	ng	98
81) Benzo(a)anthracene	14.063	228	679460	77.337	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	224931	80.119	ng	99
83) Chrysene	14.098	228	629301	76.388	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	481798	116.501	ng	100
85) Di-n-octyl phthalate	14.663	149	889433	109.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	930657	81.866	ng	100
88) Benzo(b)fluoranthene	15.127	252	726168	76.012	ng	99
89) Benzo(k)fluoranthene	15.163	252	662322	74.947	ng	99
90) Benzo(a)pyrene	15.510	252	680946	76.299	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	746984	81.196	ng	100
92) Benzo(g,h,i)perylene	17.562	276	741275	78.194	ng	99

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

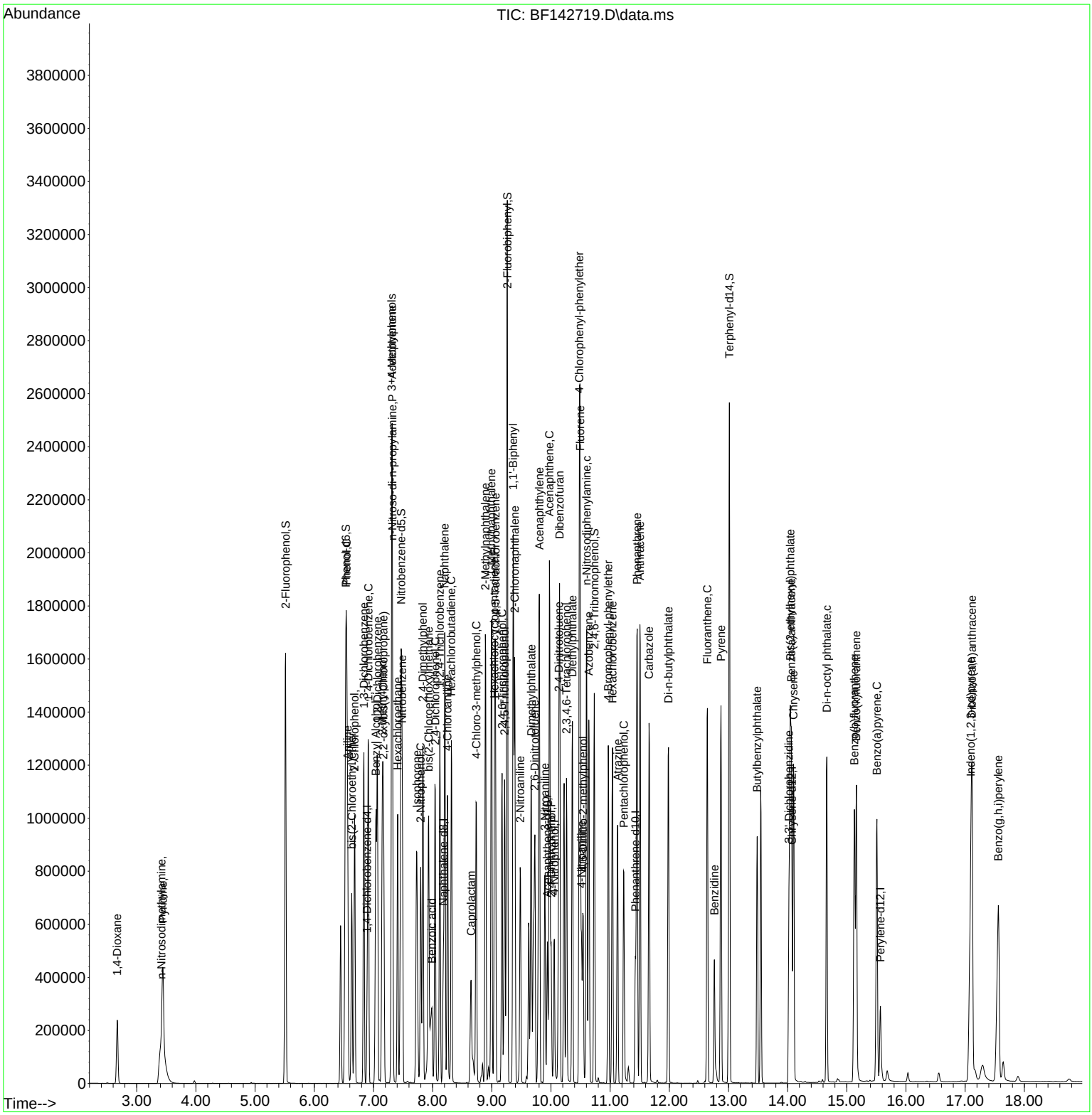
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

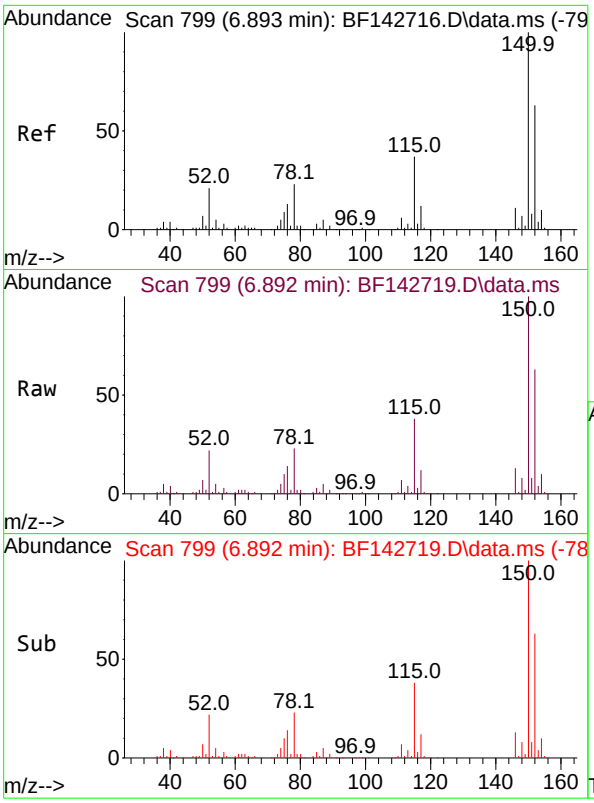
Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

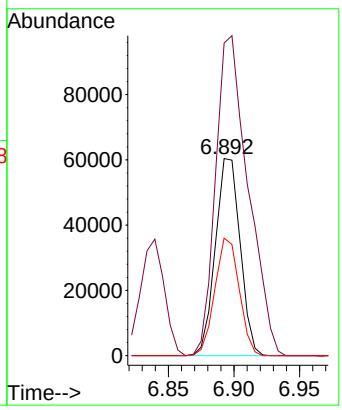




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:152 Resp: 7949

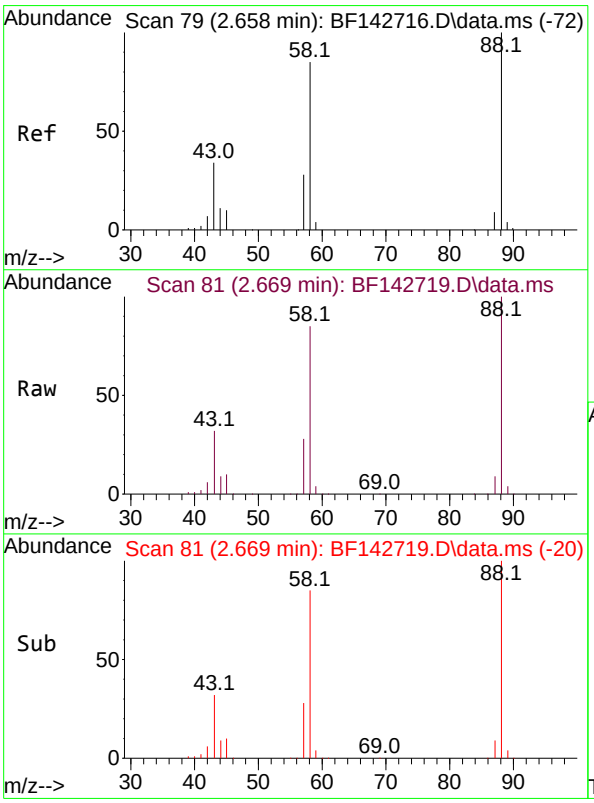
Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	59.7	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

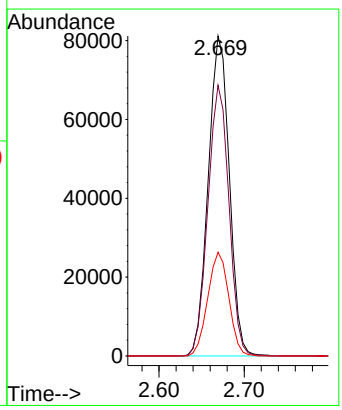
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

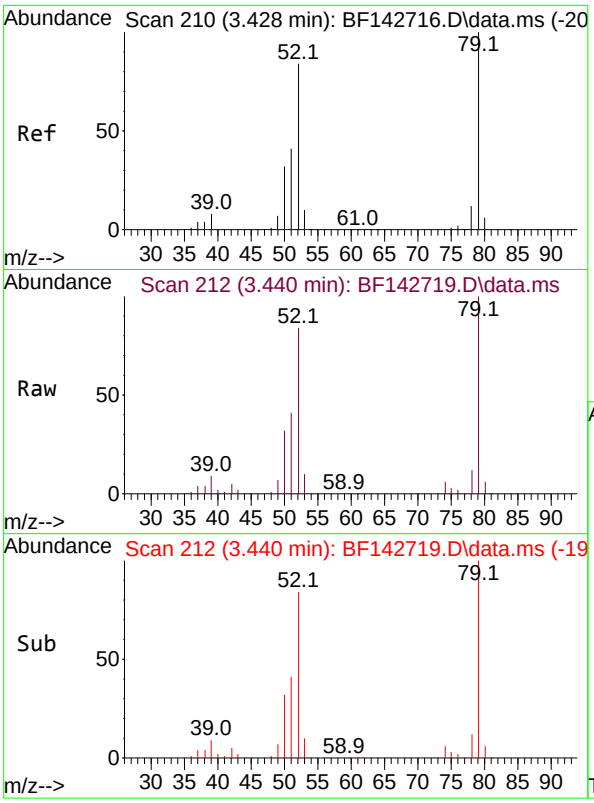


#2
1,4-Dioxane
Concen: 77.738 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 88 Resp: 139665

Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.4	102.6
43	32.4	27.0	40.6

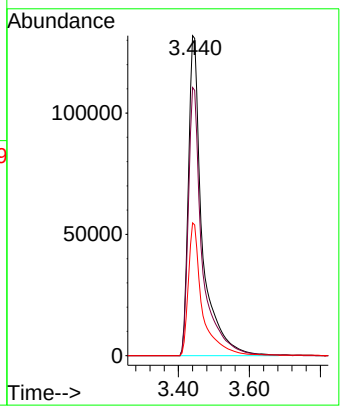




#3
Pyridine
Concen: 77.107 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 79 Resp: 35676

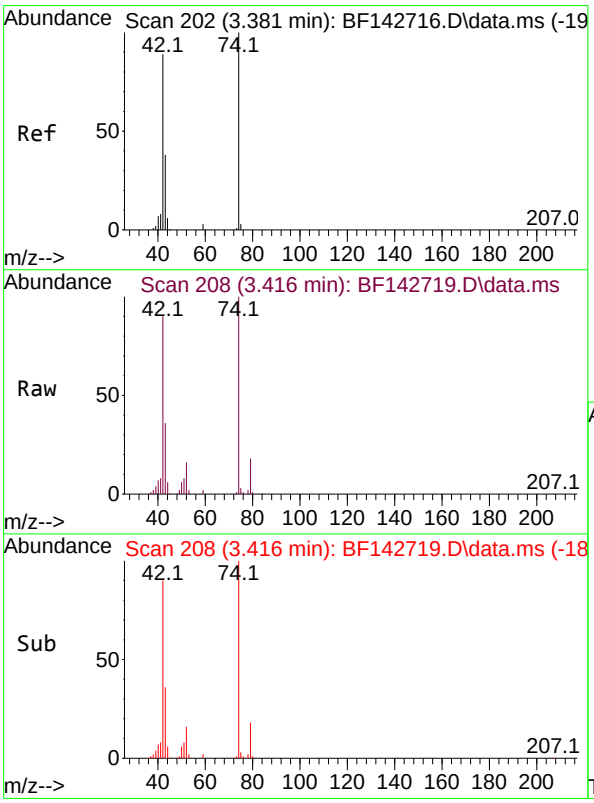
Ion	Ratio	Lower	Upper
79	100		
52	83.8	67.1	100.7
51	41.5	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

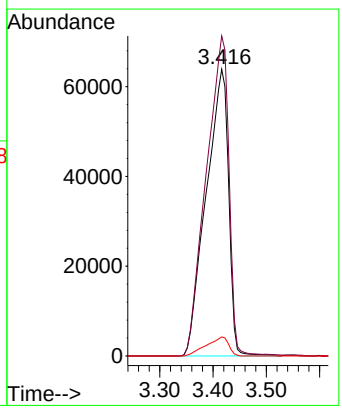
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

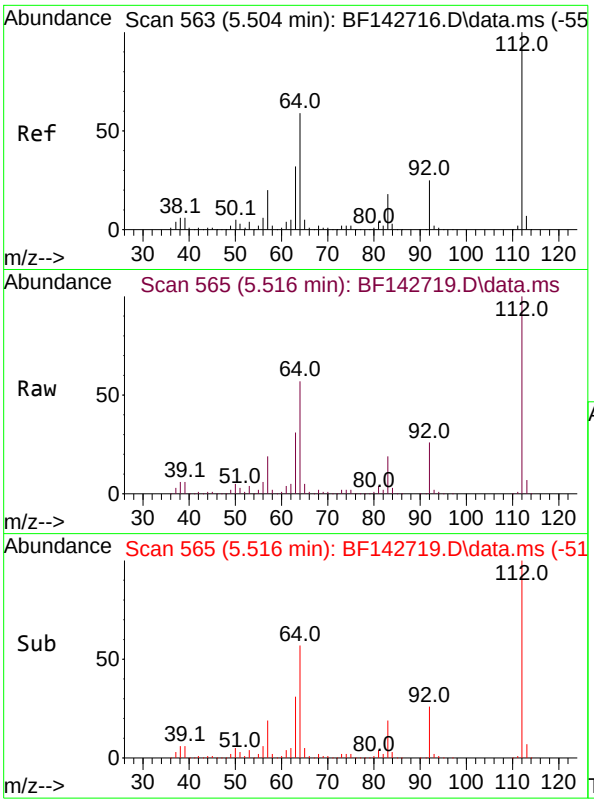


#4
n-Nitrosodimethylamine
Concen: 82.185 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.035 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 42 Resp: 186856

Ion	Ratio	Lower	Upper
42	100		
74	111.6	89.6	134.4
44	6.6	5.4	8.2





#5
2-Fluorophenol
Concen: 145.736 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

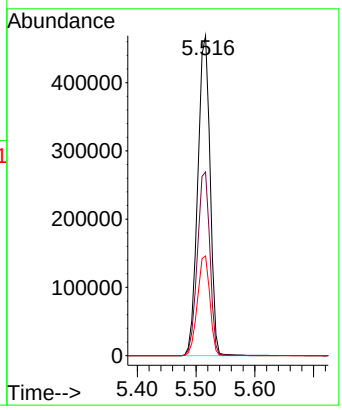
Tgt Ion:112 Resp: 68369

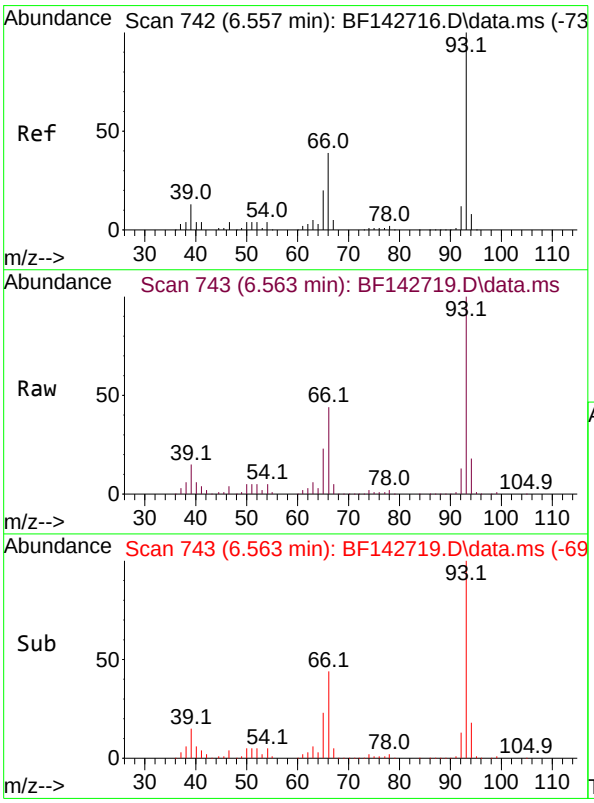
Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	31.2	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

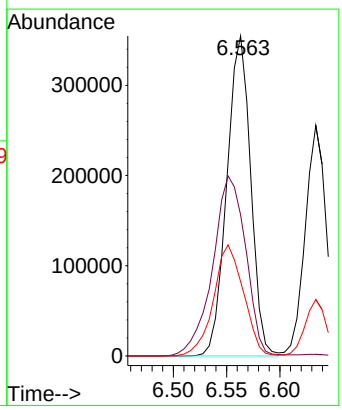


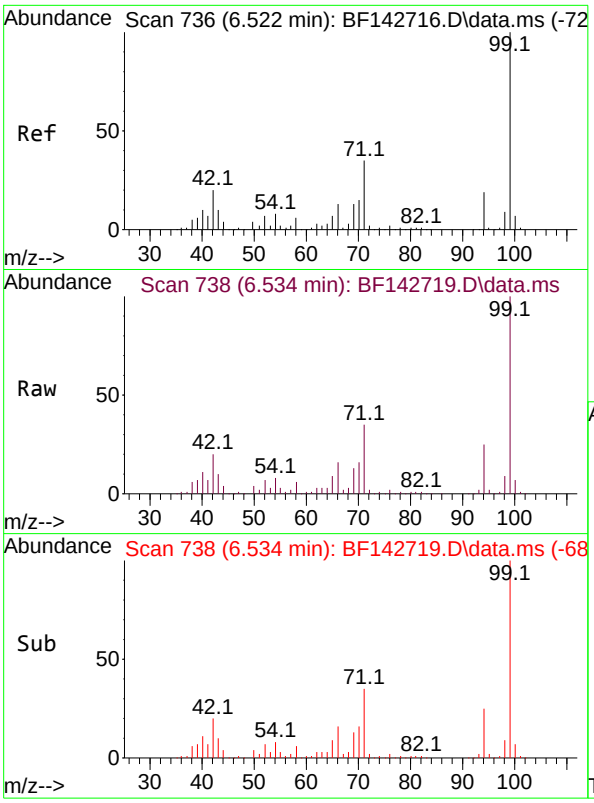


#6
Aniline
Concen: 74.919 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 93 Resp: 551994

Ion	Ratio	Lower	Upper
93	100		
66	44.1	32.0	48.0
65	23.2	16.1	24.1

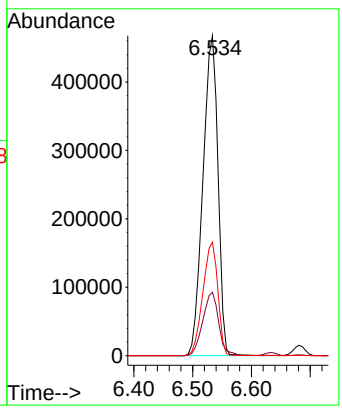




#7
Phenol-d6
Concen: 150.974 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 99 Resp: 82827

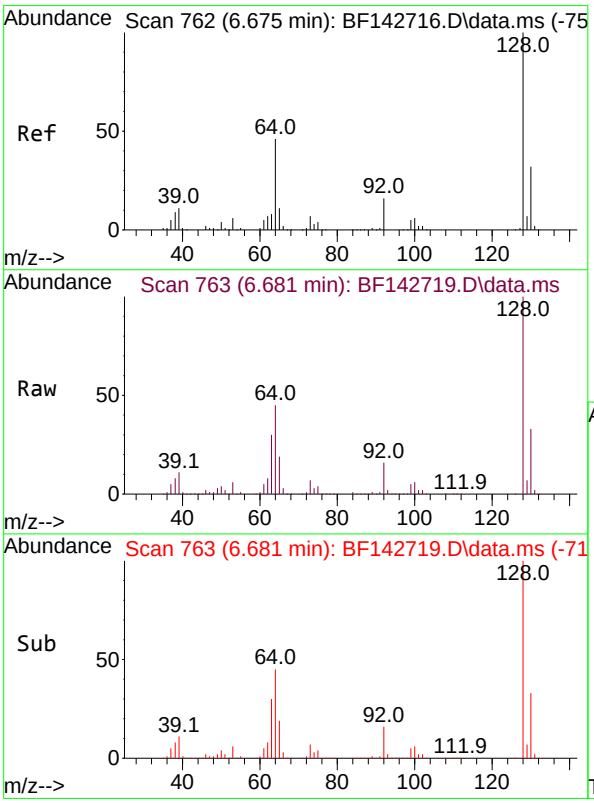
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.4	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

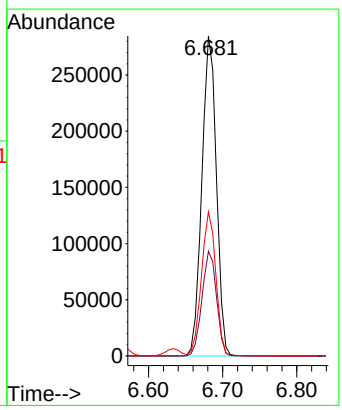
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

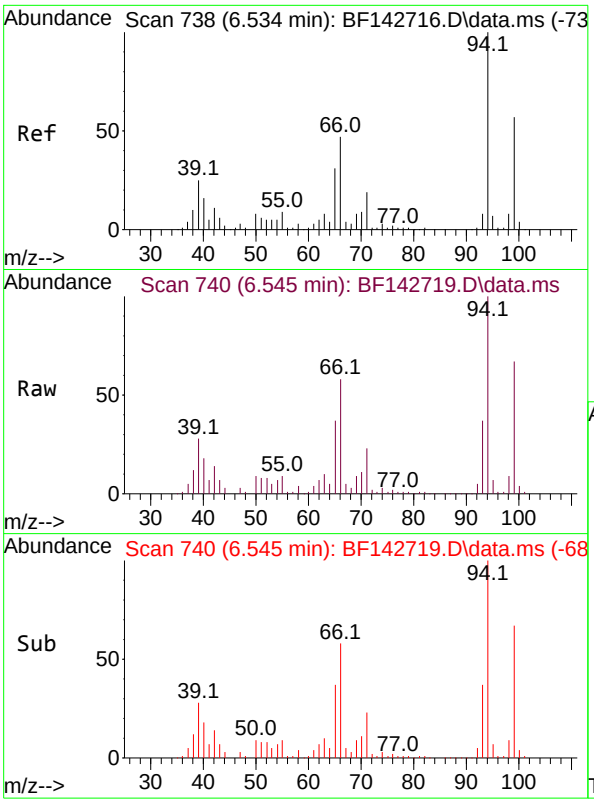


#8
2-Chlorophenol
Concen: 75.563 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:128 Resp: 387641

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	45.0	26.5	66.5





#10
Phenol
Concen: 75.034 ng
RT: 6.545 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

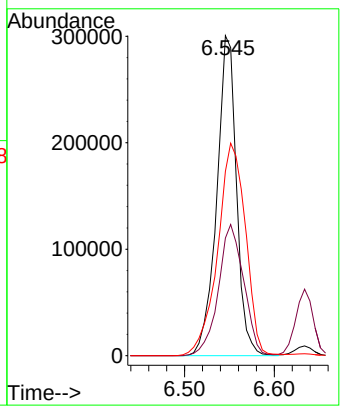
Tgt Ion: 94 Resp: 45971

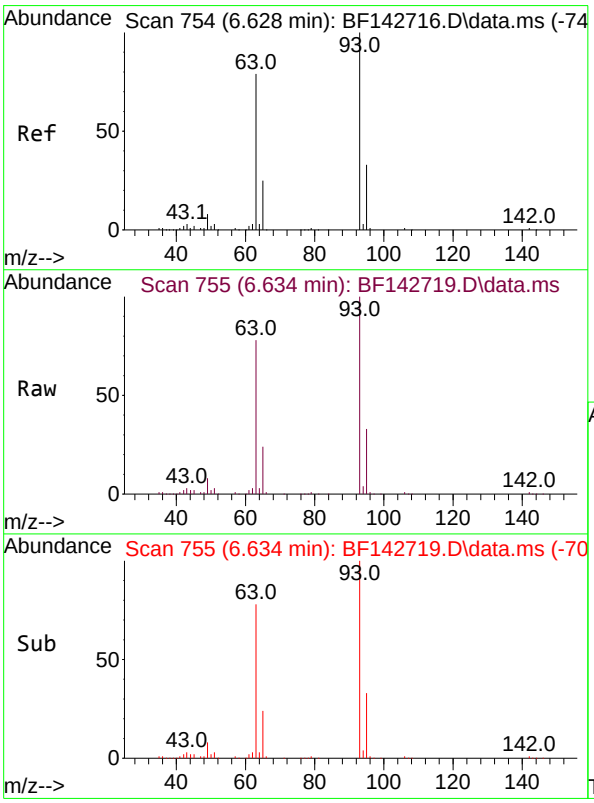
Ion	Ratio	Lower	Upper
94	100		
65	36.8	11.4	51.4
66	57.6	26.7	66.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

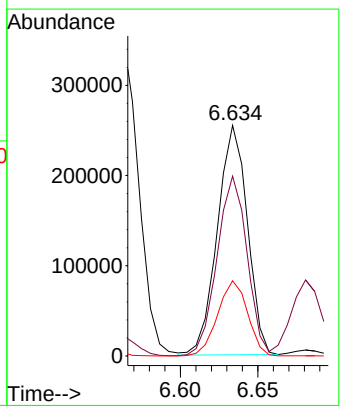


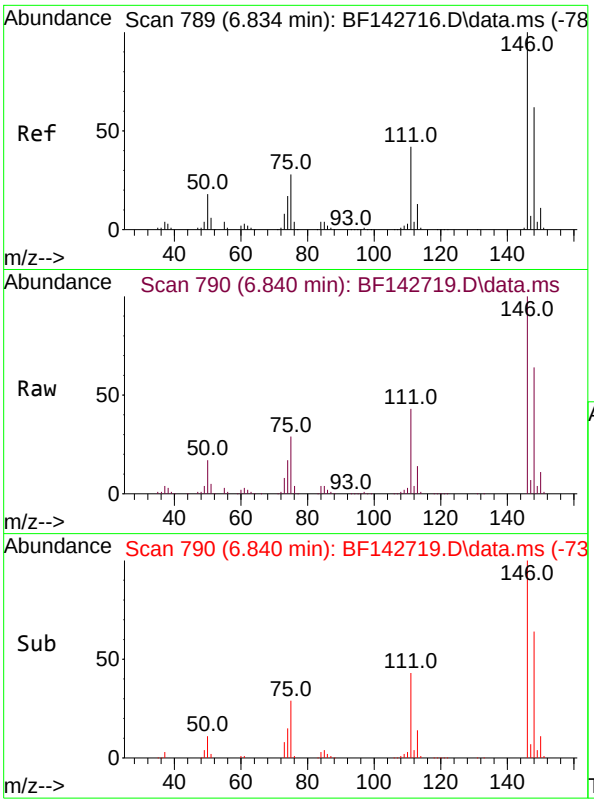


#11
bis(2-Chloroethyl)ether
Concen: 76.473 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 93 Resp: 343229

Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.3	98.3
95	32.6	13.1	53.1

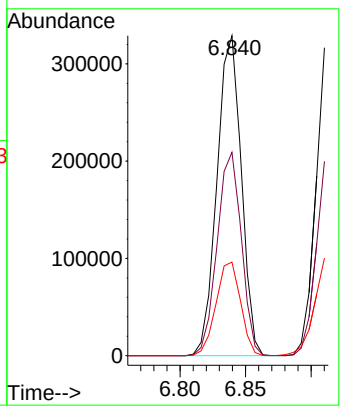




#12
1,3-Dichlorobenzene
Concen: 73.798 ng
RT: 6.840 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:146 Resp: 42378

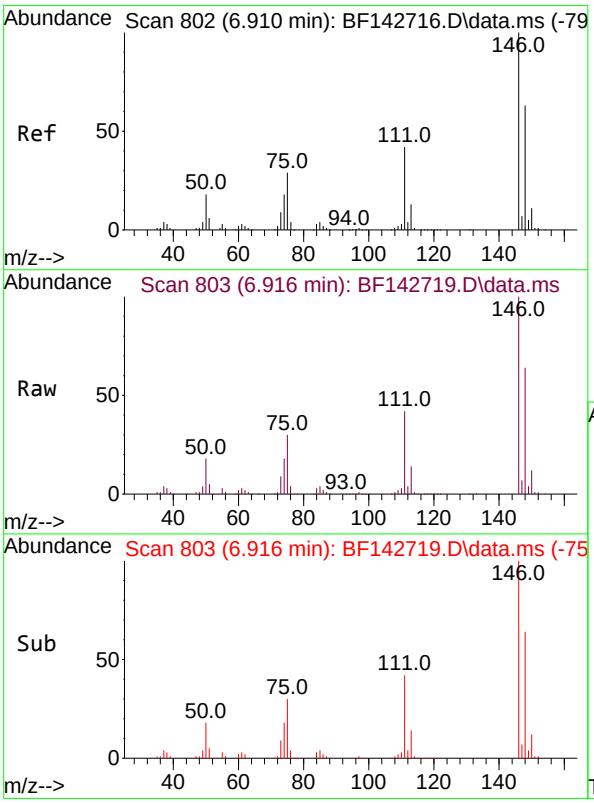
Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.9	74.9
75	29.3	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

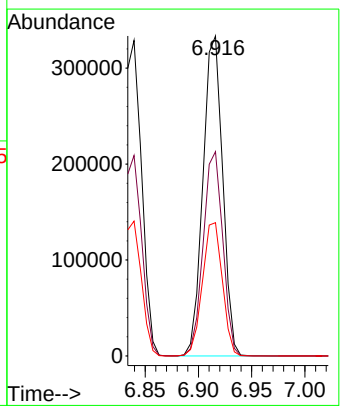
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

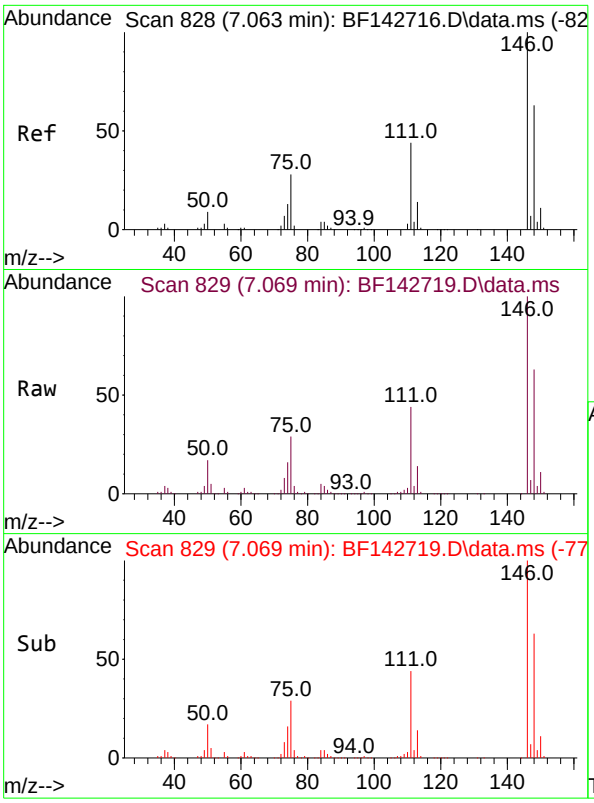


#13
1,4-Dichlorobenzene
Concen: 73.329 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:146 Resp: 429010

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	41.7	33.6	50.4

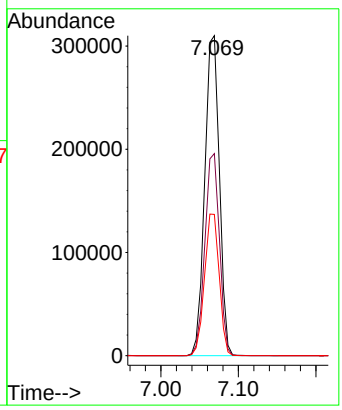




#14
1,2-Dichlorobenzene
Concen: 73.090 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:146 Resp: 40772

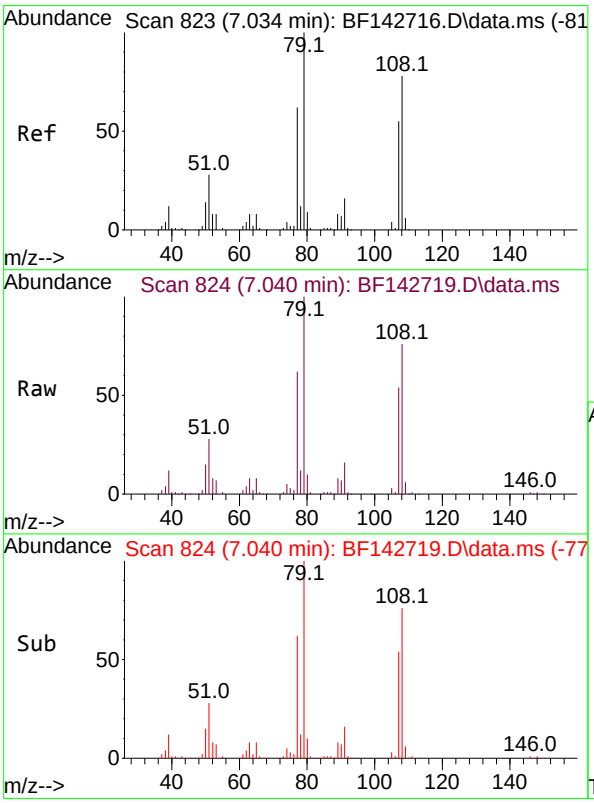
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	44.1	35.2	52.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

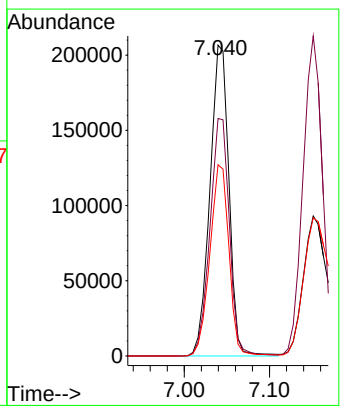
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

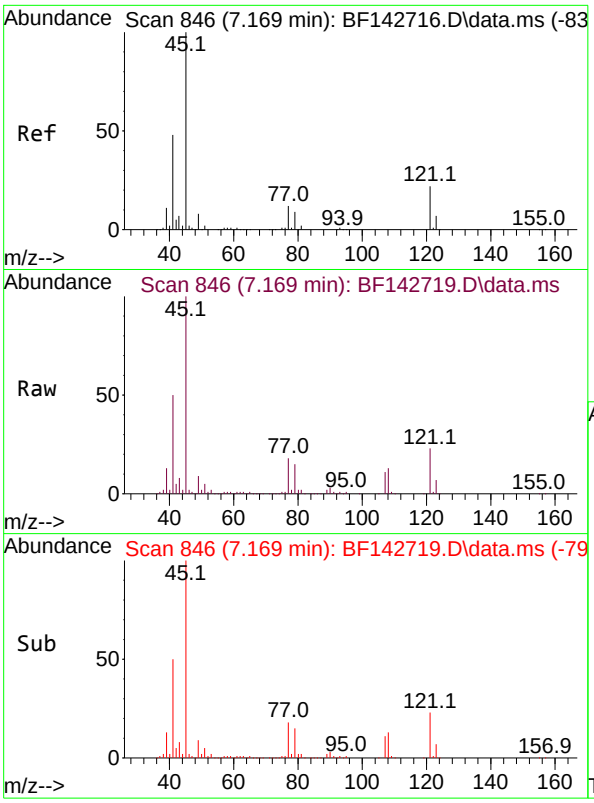


#15
Benzyl Alcohol
Concen: 79.079 ng
RT: 7.040 min Scan# 824
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 79 Resp: 320131

Ion	Ratio	Lower	Upper
79	100		
108	76.4	62.6	94.0
77	61.5	49.8	74.8

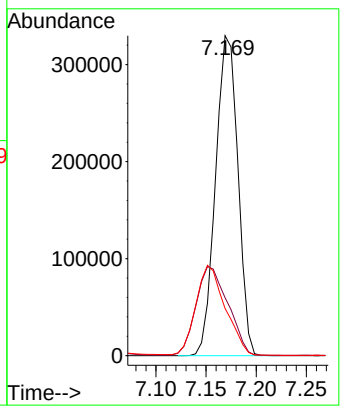




#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.438 ng
RT: 7.169 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 45 Resp: 51163

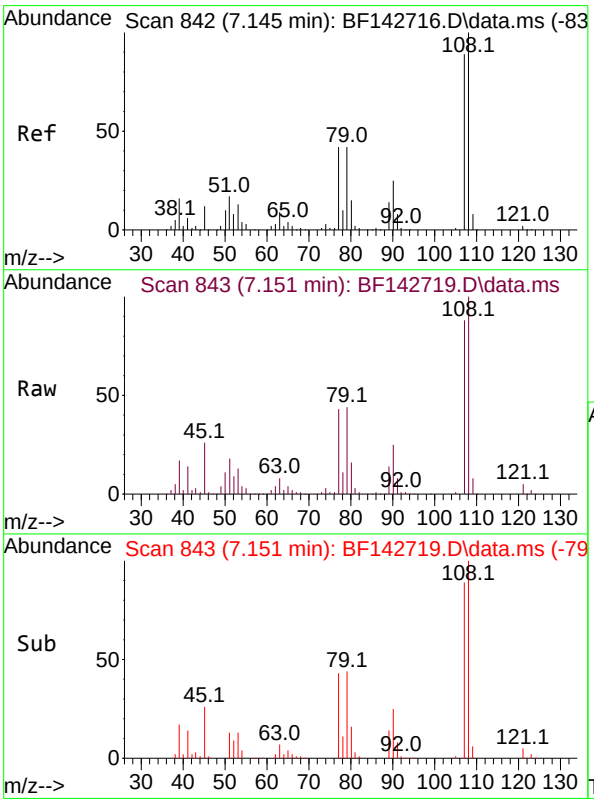
Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	33.1
79	14.8	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

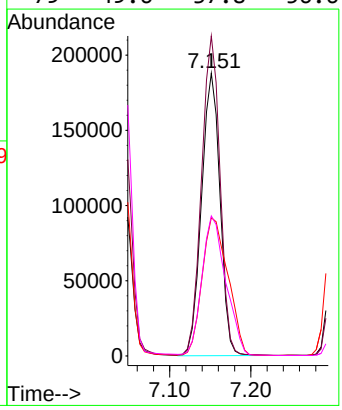
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

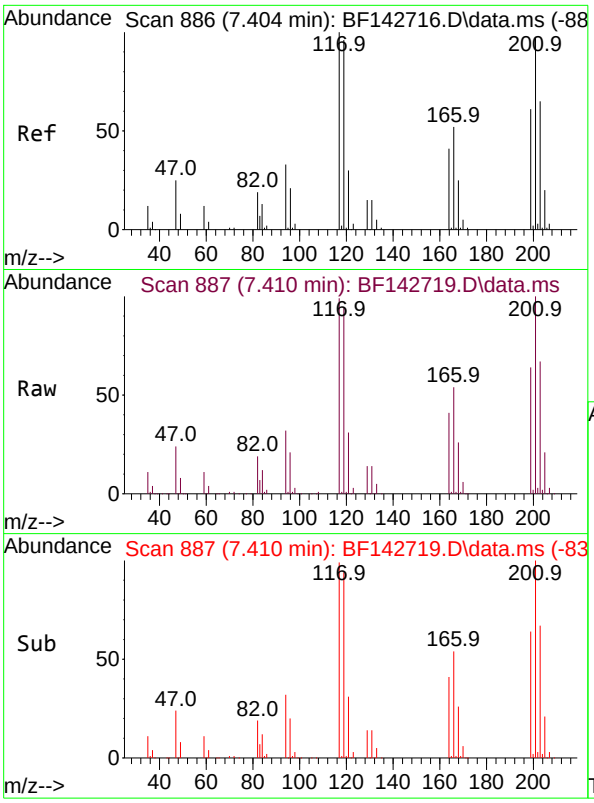


#17
2-Methylphenol
Concen: 75.776 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:107 Resp: 296621

Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.0	135.0
77	48.9	38.2	57.2
79	49.6	37.8	56.6

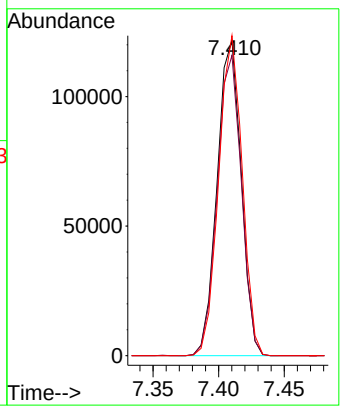




#18
Hexachloroethane
Concen: 76.420 ng
RT: 7.410 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:117 Resp: 15504

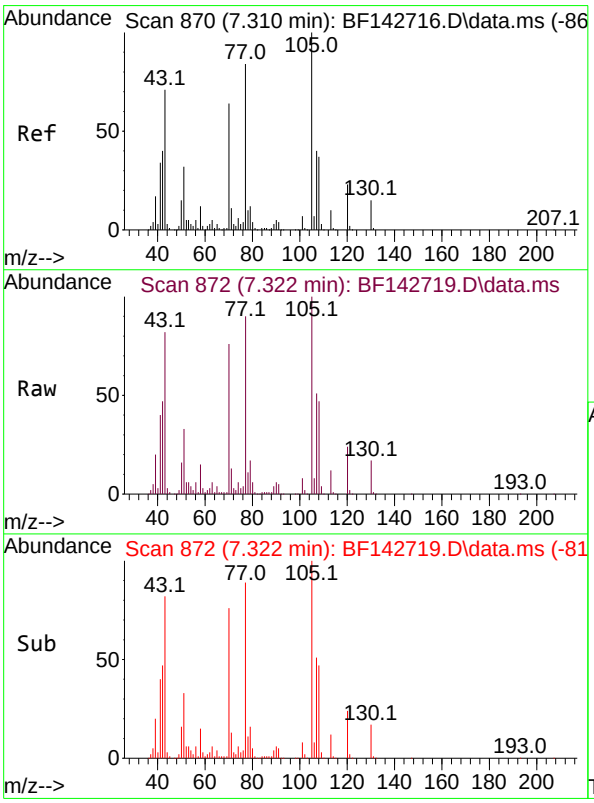
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
201	101.5	77.8	116.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

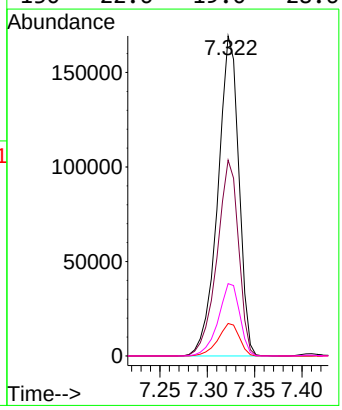
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

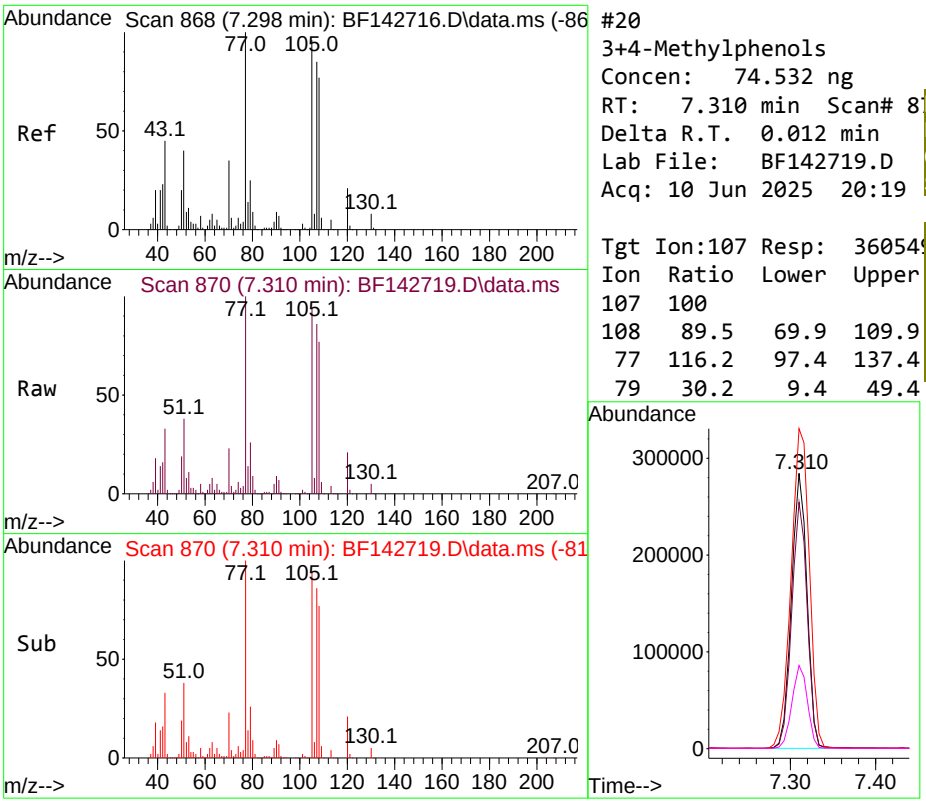


#19
n-Nitroso-di-n-propylamine
Concen: 80.661 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 70 Resp: 261726

Ion	Ratio	Lower	Upper
70	100		
42	61.2	50.2	75.4
101	10.2	8.3	12.5
130	22.6	19.0	28.6





#20
3+4-Methylphenols
Concen: 74.532 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

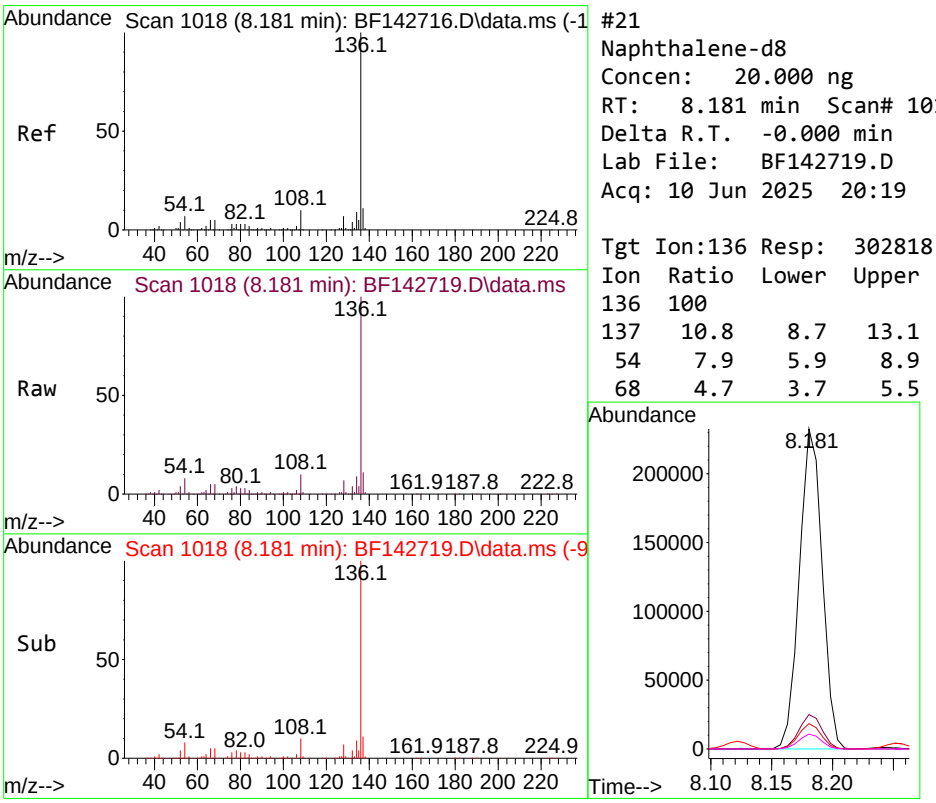
Tgt Ion:107 Resp: 36054

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	116.2	97.4	137.4
79	30.2	9.4	49.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

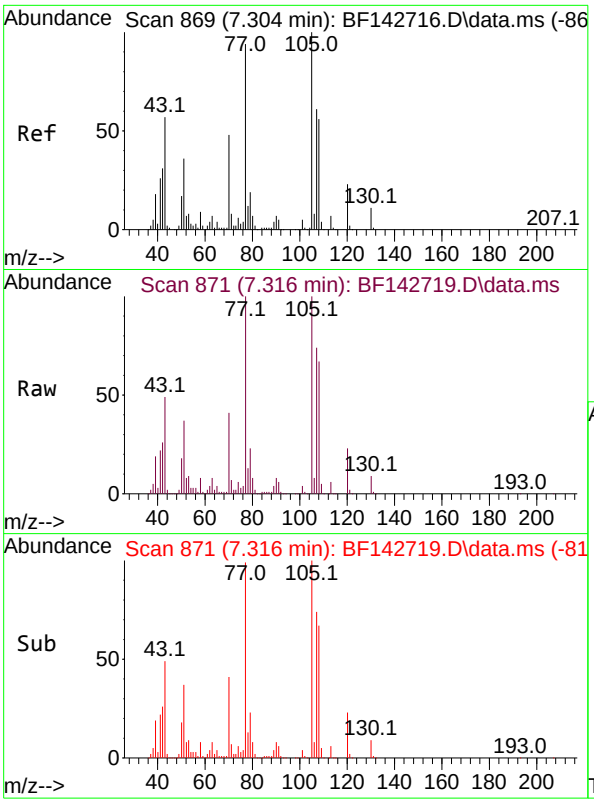
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:136 Resp: 302818

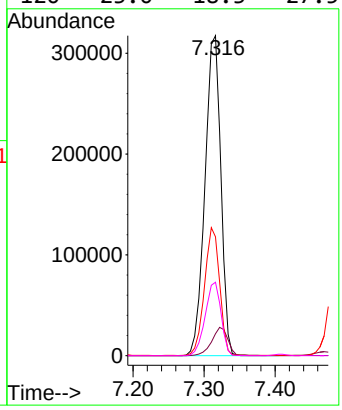
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	5.9	8.9
68	4.7	3.7	5.5



#22
Acetophenone
Concen: 74.696 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:105 Resp: 49473

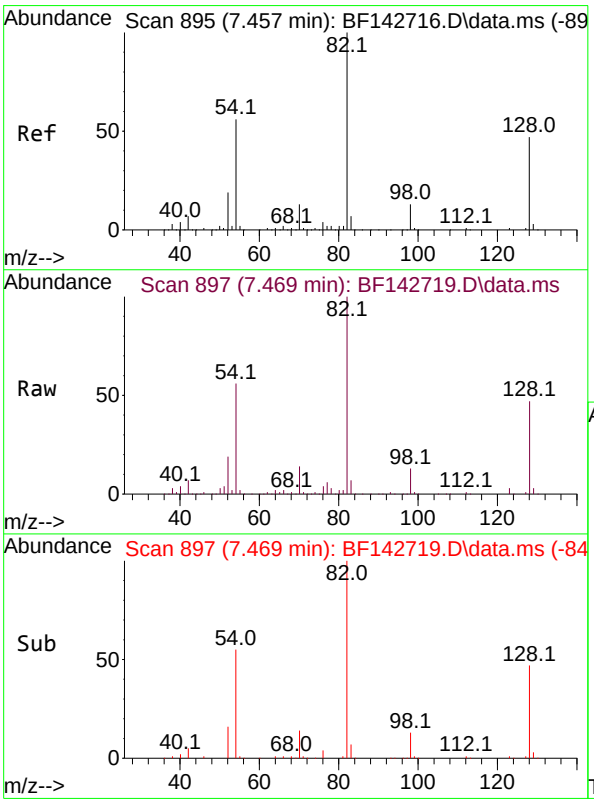
Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.4	9.6
51	37.1	29.1	43.7
120	23.0	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

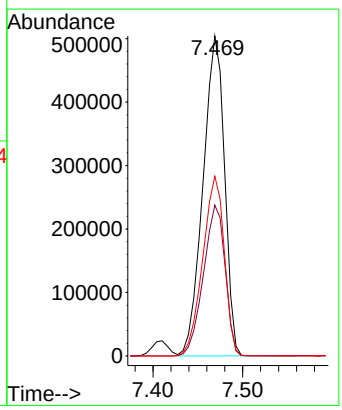
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

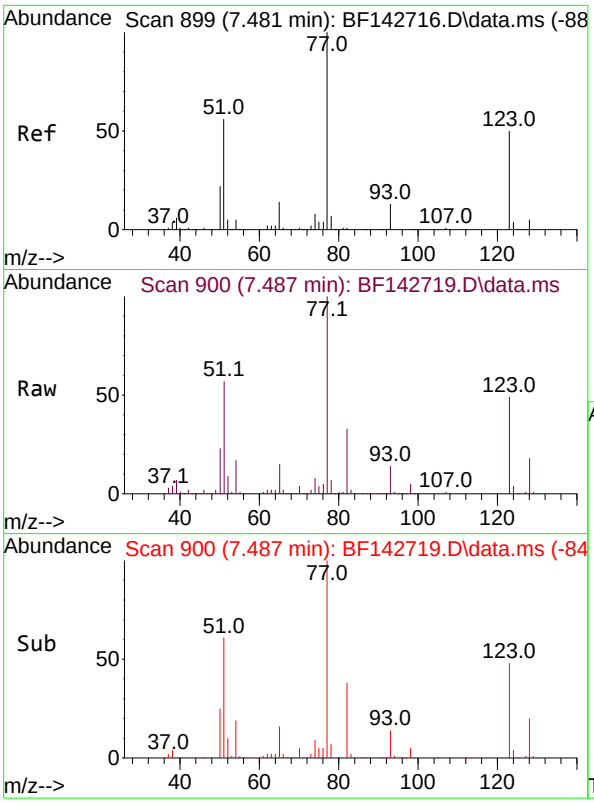


#23
Nitrobenzene-d5
Concen: 151.958 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 82 Resp: 838877

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.8	56.8
54	56.2	44.9	67.3





#24
Nitrobenzene
Concen: 75.974 ng
RT: 7.487 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

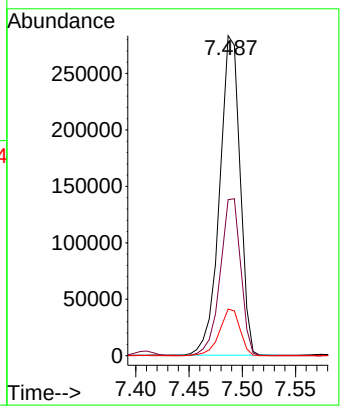
Tgt Ion: 77 Resp: 37734

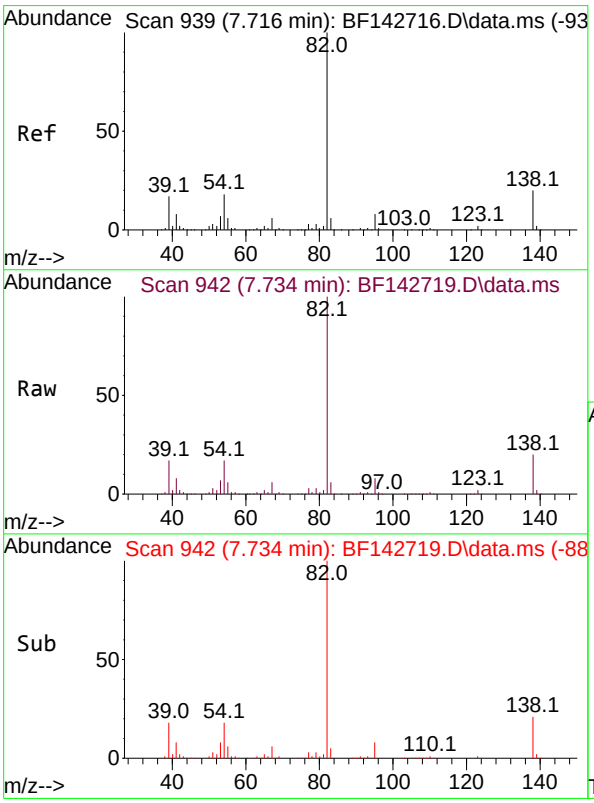
Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.8	61.2
65	14.6	11.5	17.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

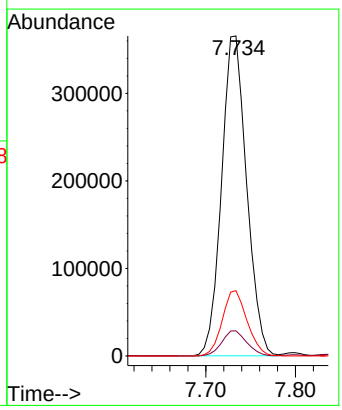


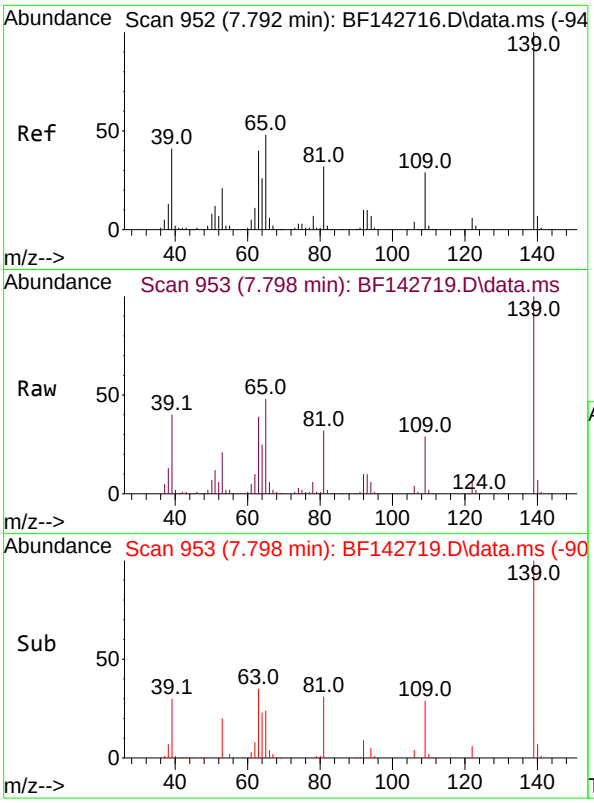


#25
Isophorone
Concen: 78.433 ng
RT: 7.734 min Scan# 942
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 82 Resp: 708591

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.0	9.0
138	20.4	15.8	23.6

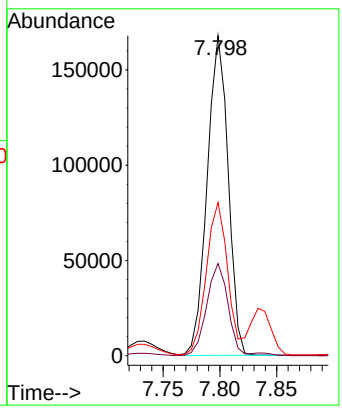




#26
2-Nitrophenol
Concen: 78.773 ng
RT: 7.798 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:139 Resp: 21561

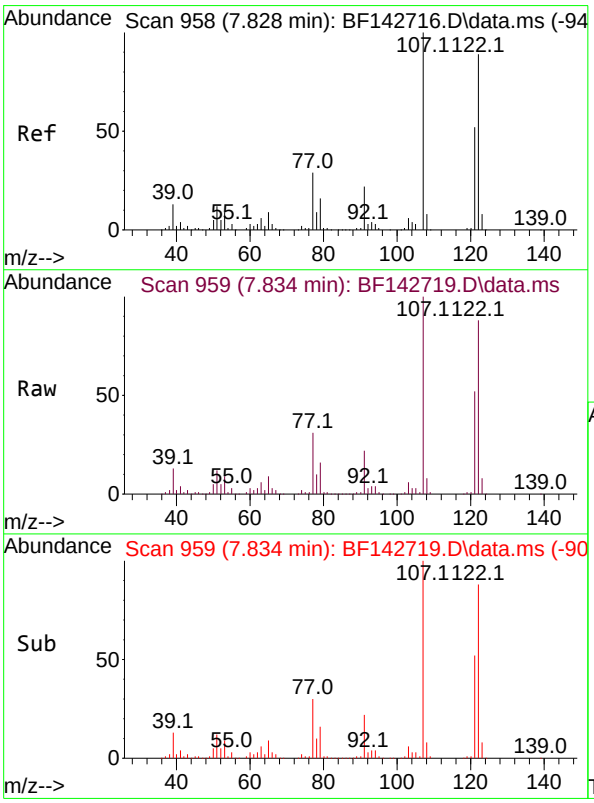
Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	47.8	38.7	58.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

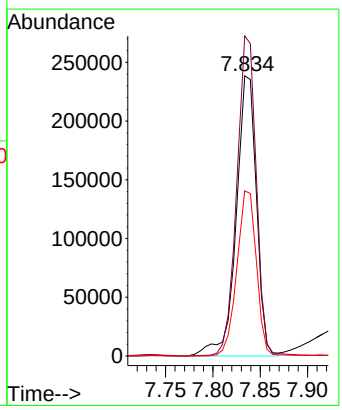
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

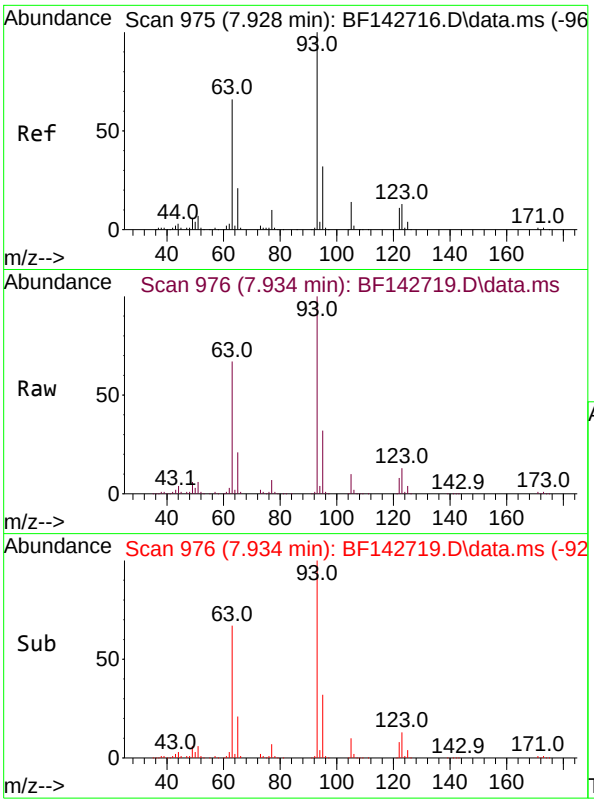


#27
2,4-Dimethylphenol
Concen: 75.877 ng
RT: 7.834 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:122 Resp: 354230

Ion	Ratio	Lower	Upper
122	100		
107	114.2	90.4	135.6
121	58.9	46.9	70.3

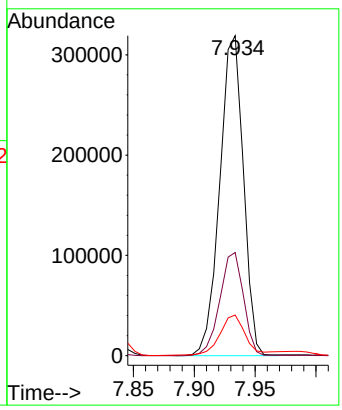




#28
bis(2-Chloroethoxy)methane
Concen: 76.862 ng
RT: 7.934 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 93 Resp: 43155

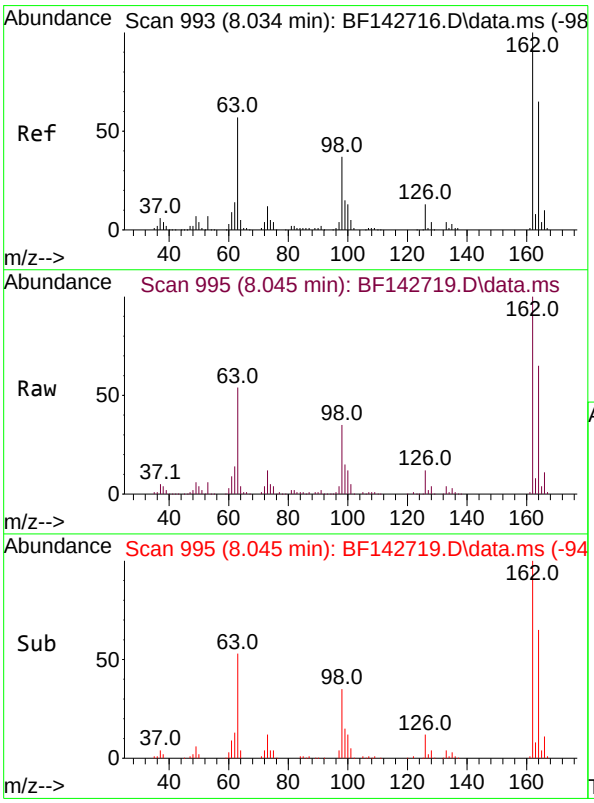
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	12.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

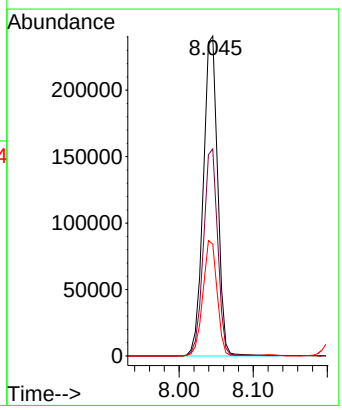
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

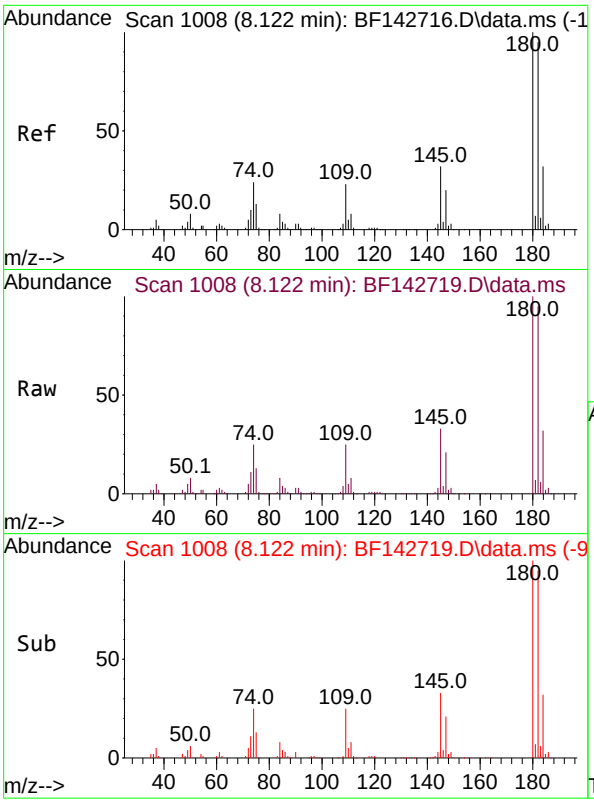


#29
2,4-Dichlorophenol
Concen: 76.711 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:162 Resp: 325461

Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	34.9	16.7	56.7

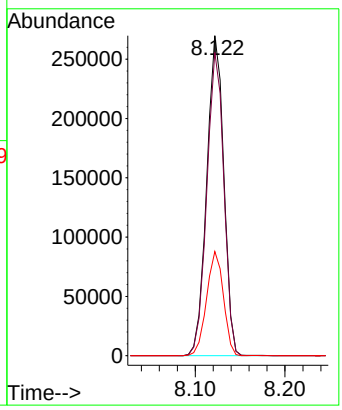




#30
1,2,4-Trichlorobenzene
Concen: 76.062 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:180 Resp: 35584

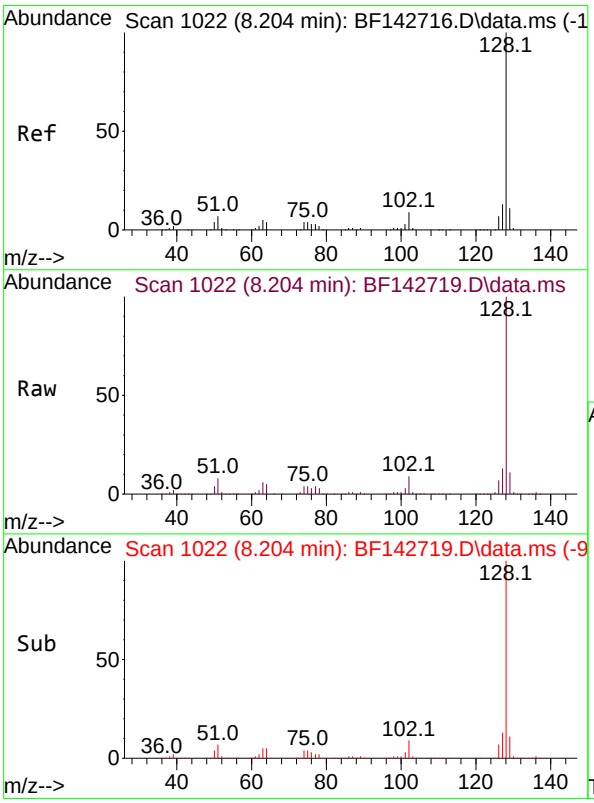
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.9	113.9
145	32.5	25.7	38.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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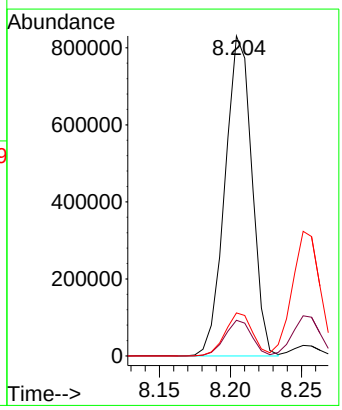
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

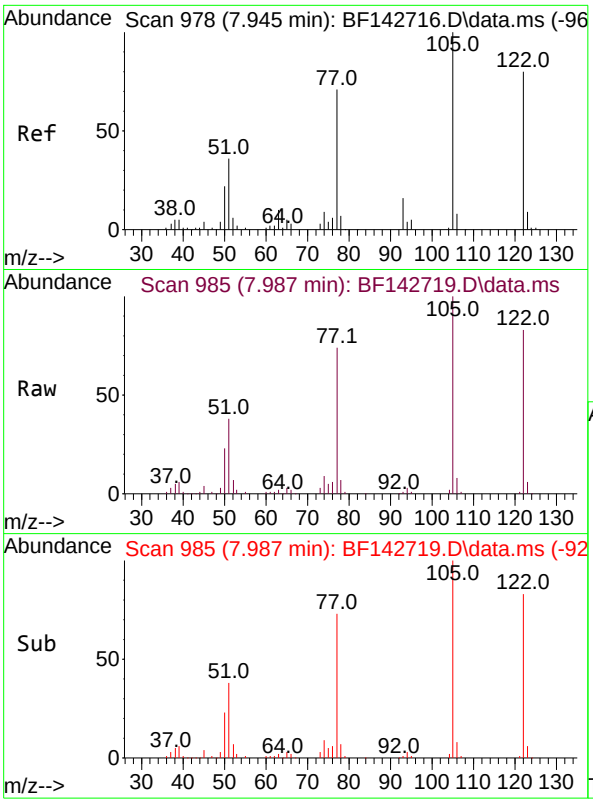


#31
Naphthalene
Concen: 73.252 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:128 Resp: 1093209

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.5	10.4	15.6

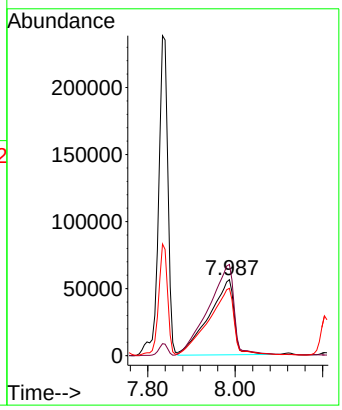




#32
Benzoic acid
Concen: 80.665 ng
RT: 7.987 min Scan# 9
Delta R.T. 0.041 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:122 Resp: 22539

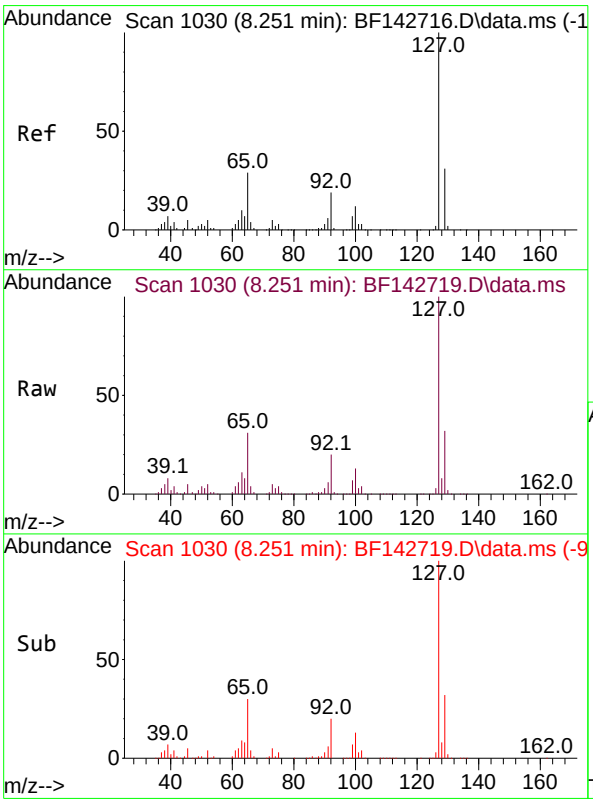
Ion	Ratio	Lower	Upper
122	100		
105	120.1	102.6	142.6
77	88.7	68.2	108.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

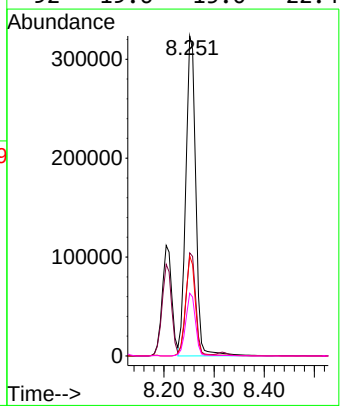
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

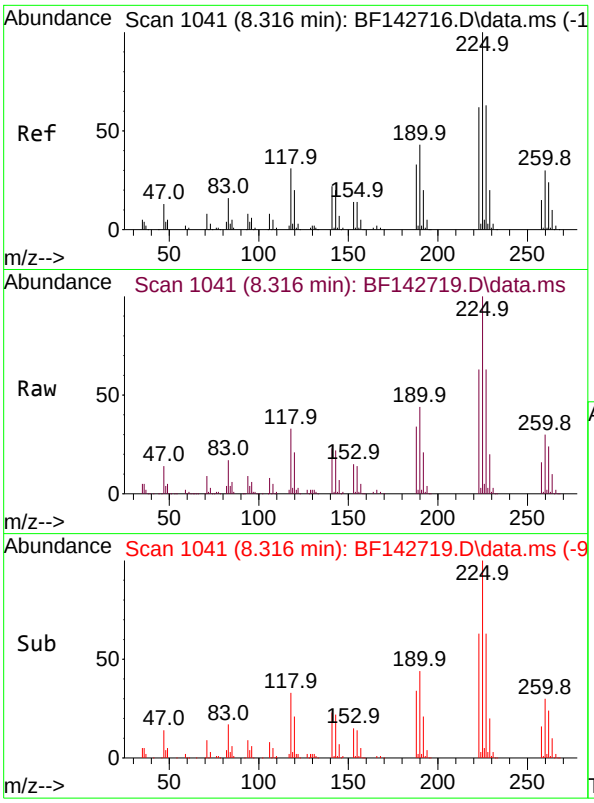


#33
4-Chloroaniline
Concen: 73.120 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:127 Resp: 447813

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	31.2	23.0	34.4
92	19.6	15.0	22.4

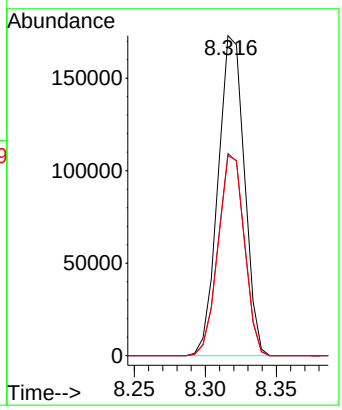




#34
Hexachlorobutadiene
Concen: 76.955 ng
RT: 8.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:225 Resp: 22284

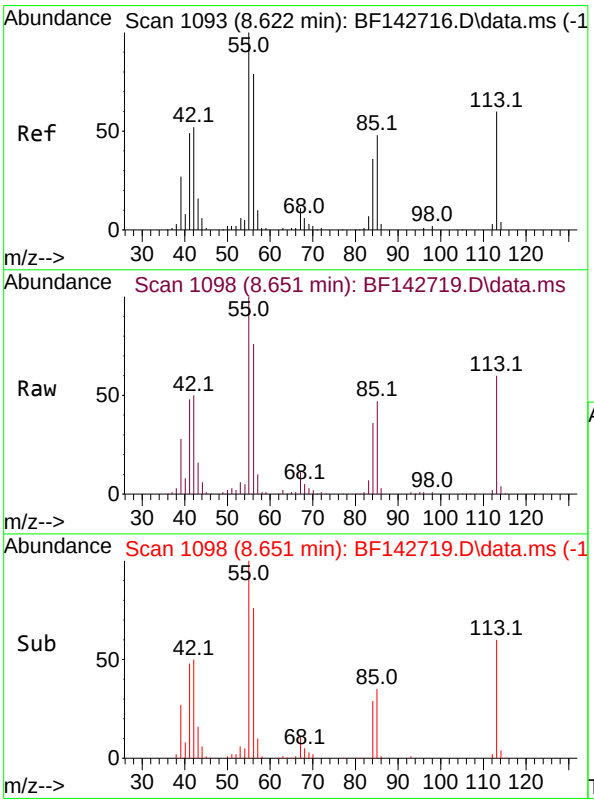
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.3	73.9
227	62.5	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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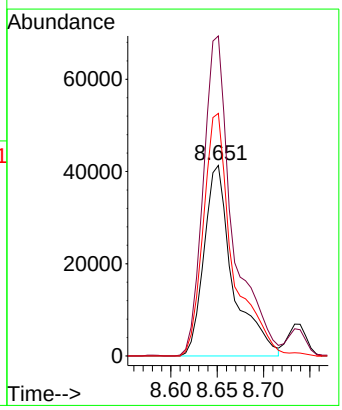
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

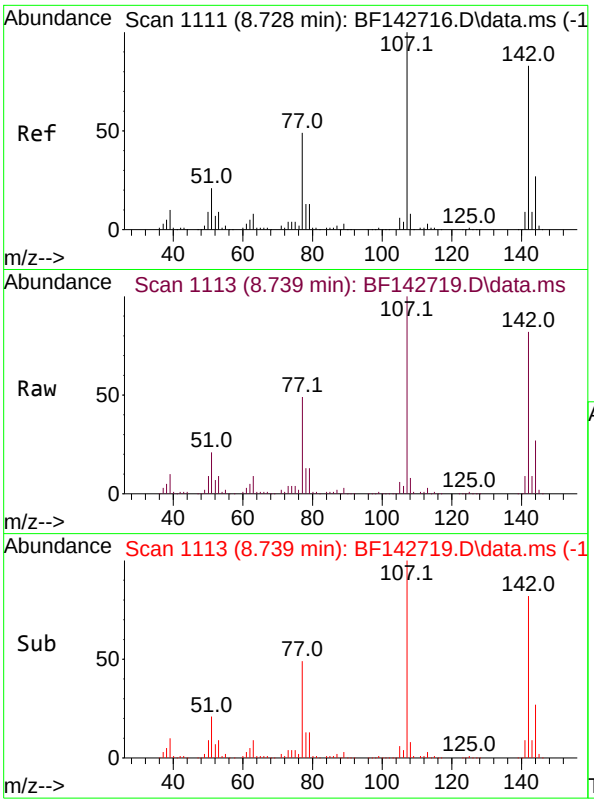


#35
Caprolactam
Concen: 69.799 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.029 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:113 Resp: 89792

Ion	Ratio	Lower	Upper
113	100		
55	167.9	147.9	187.9
56	127.2	111.9	151.9

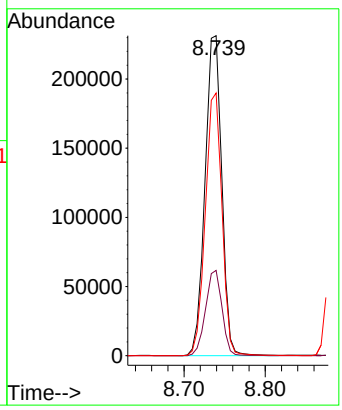




#36
4-Chloro-3-methylphenol
Concen: 74.272 ng
RT: 8.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:107 Resp: 33097

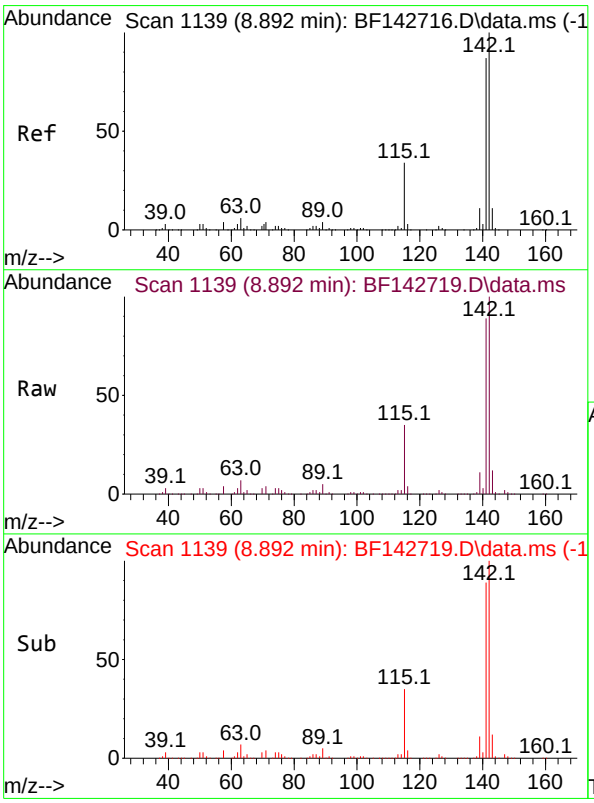
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	82.1	66.2	99.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

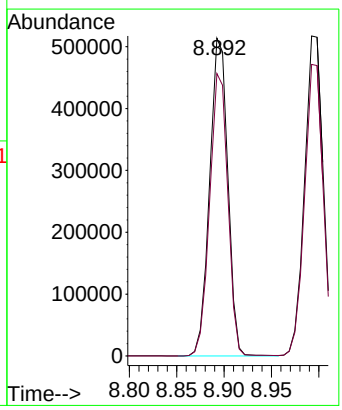
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

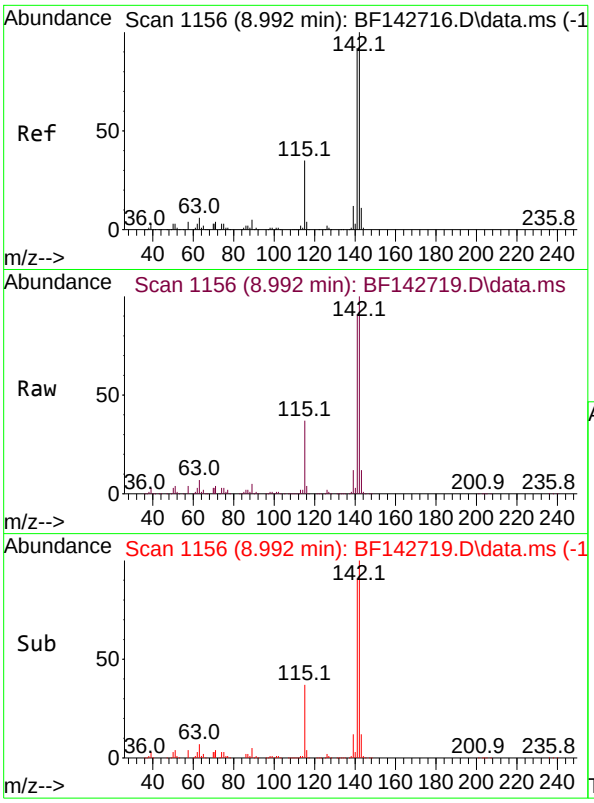


#37
2-Methylnaphthalene
Concen: 72.000 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:142 Resp: 684643

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9

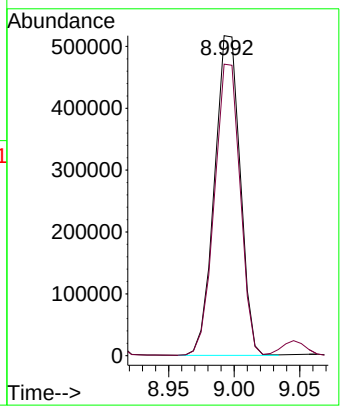




#38
1-Methylnaphthalene
Concen: 71.612 ng
RT: 8.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:142 Resp: 70200

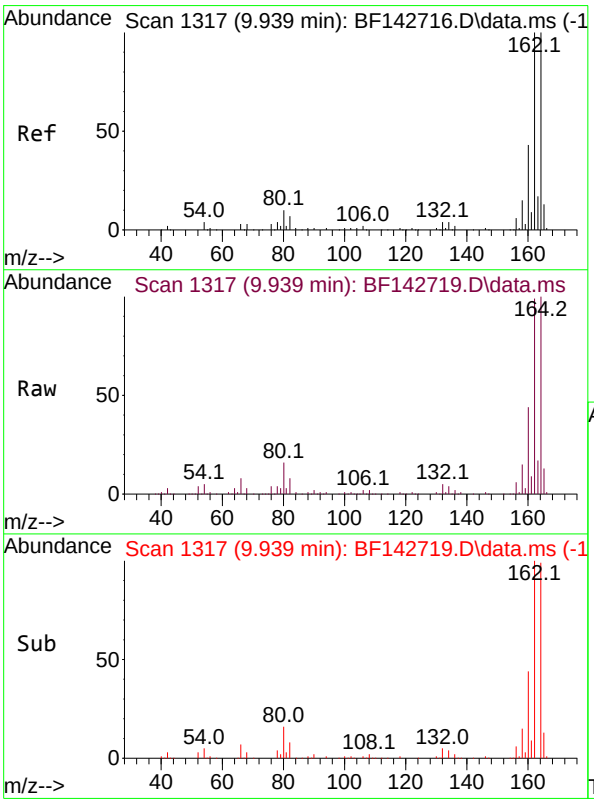
Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

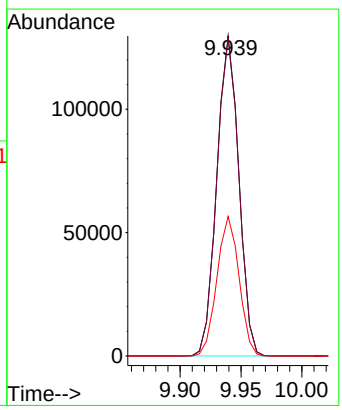
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

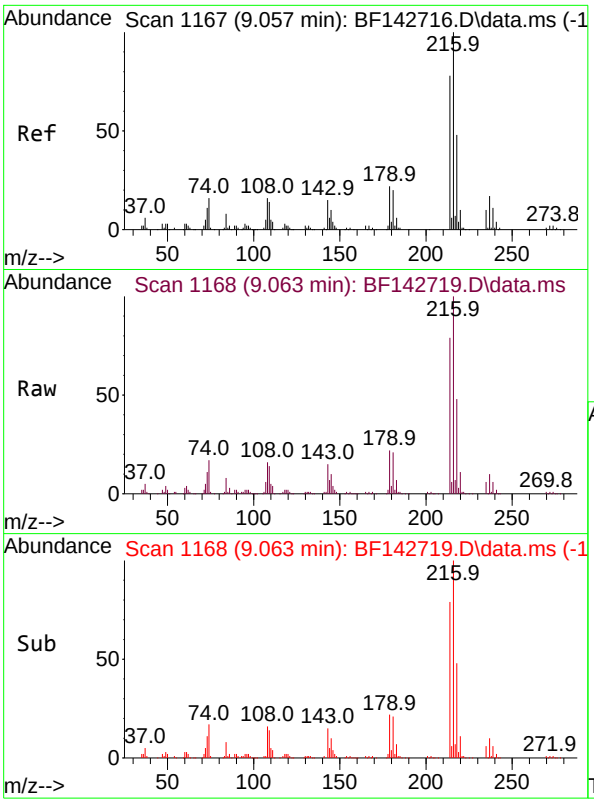


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:164 Resp: 163275

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.9	119.9
160	43.6	34.8	52.2

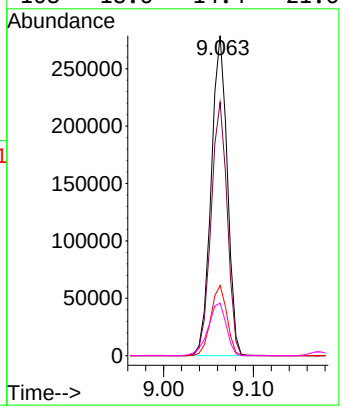




#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.054 ng
RT: 9.063 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:216 Resp: 34691

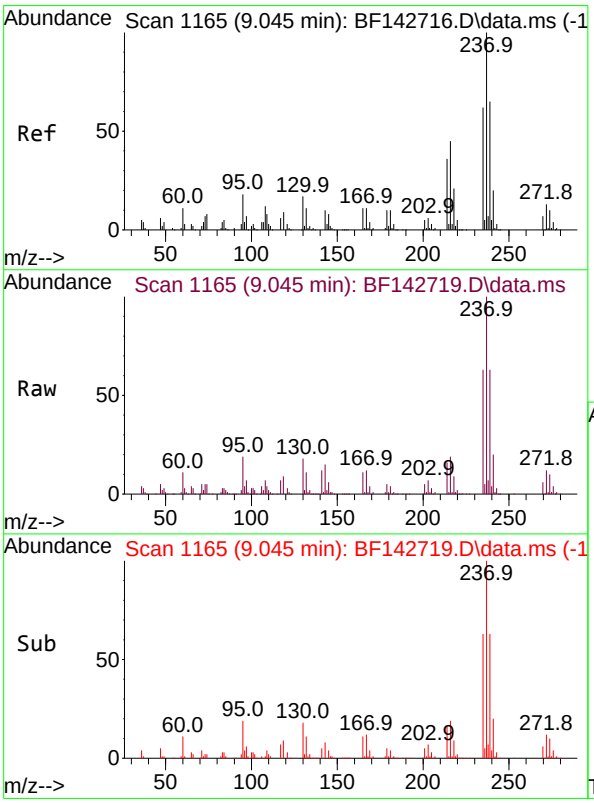
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	94.0
179	21.9	17.1	25.7
108	18.6	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

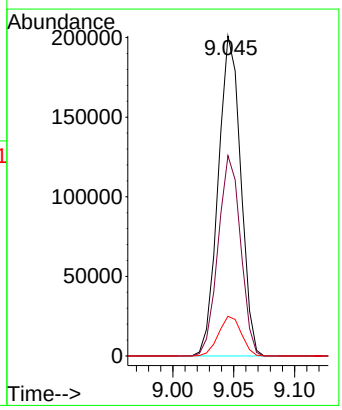
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

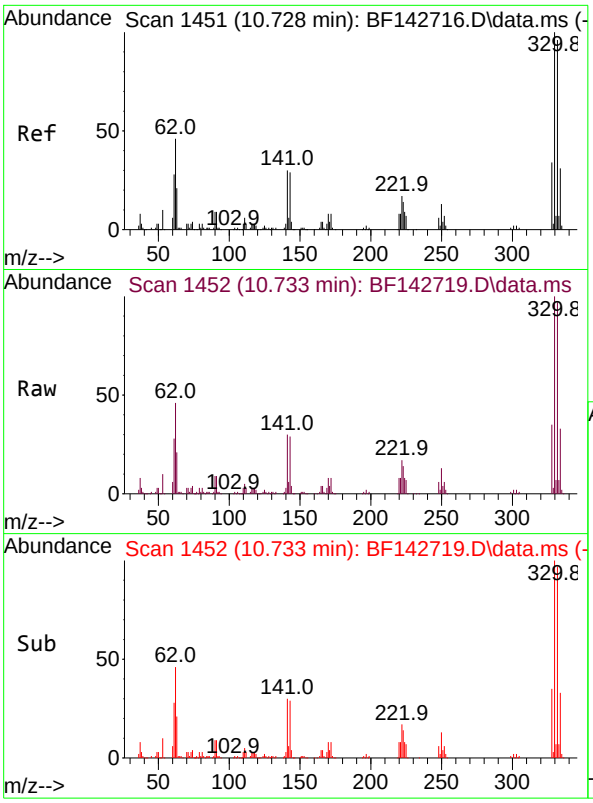


#41
Hexachlorocyclopentadiene
Concen: 91.299 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:237 Resp: 258602

Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.9	81.9
272	12.4	0.0	32.5

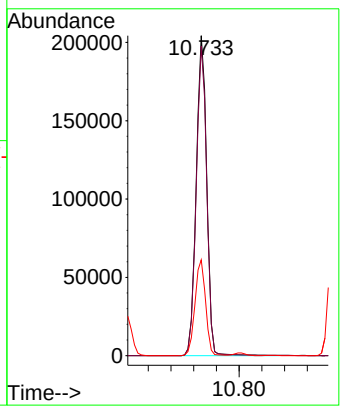




#42
2,4,6-Tribromophenol
Concen: 143.986 ng
RT: 10.733 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:330 Resp: 26331

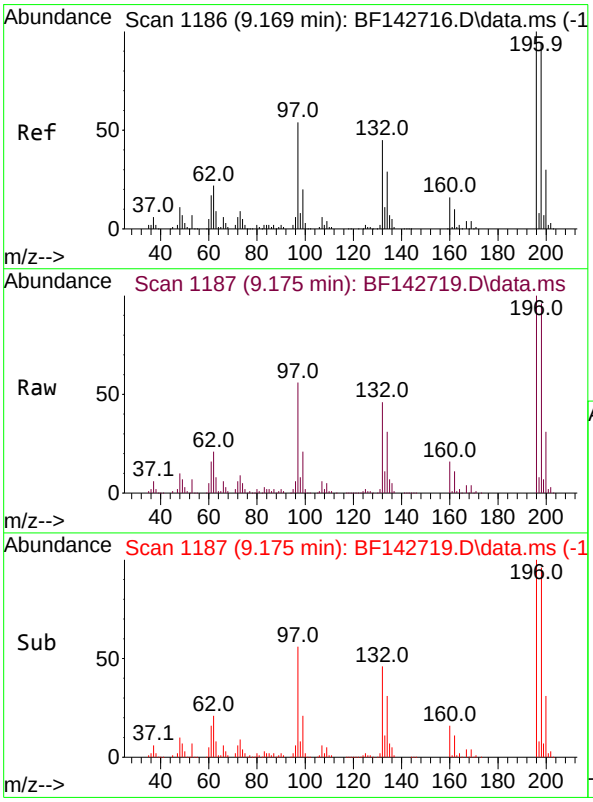
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

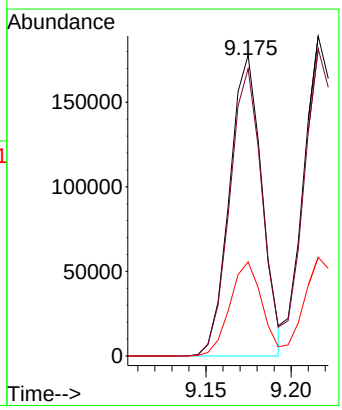
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

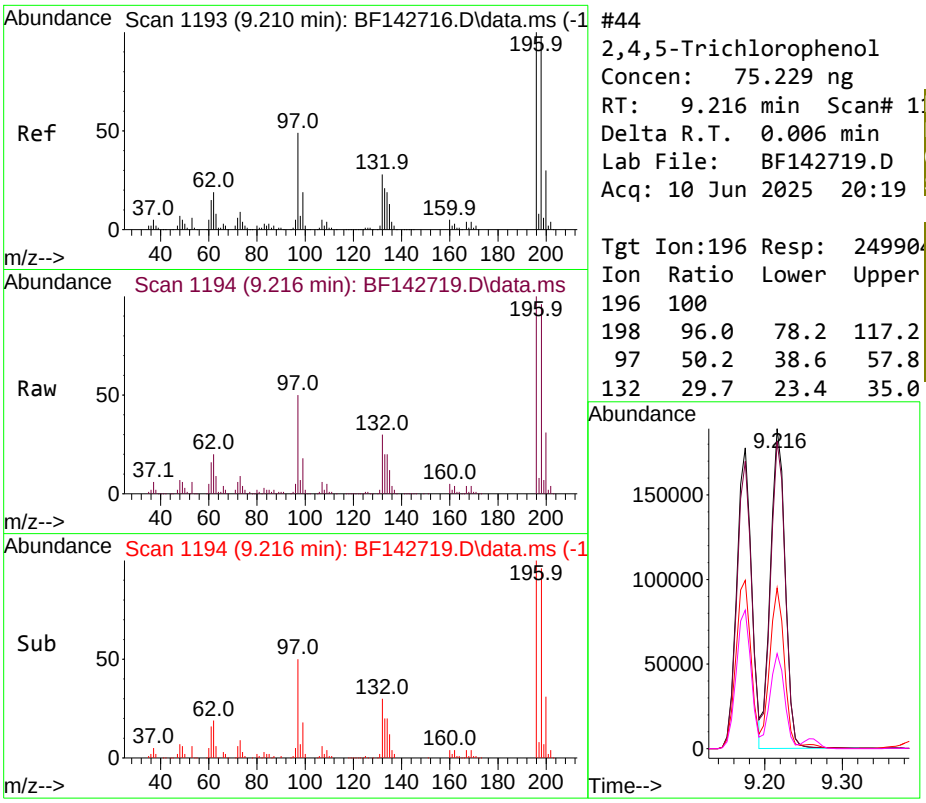


#43
2,4,6-Trichlorophenol
Concen: 75.673 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:196 Resp: 234753

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.5	113.3
200	31.3	23.8	35.8





#44
2,4,5-Trichlorophenol
Concen: 75.229 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

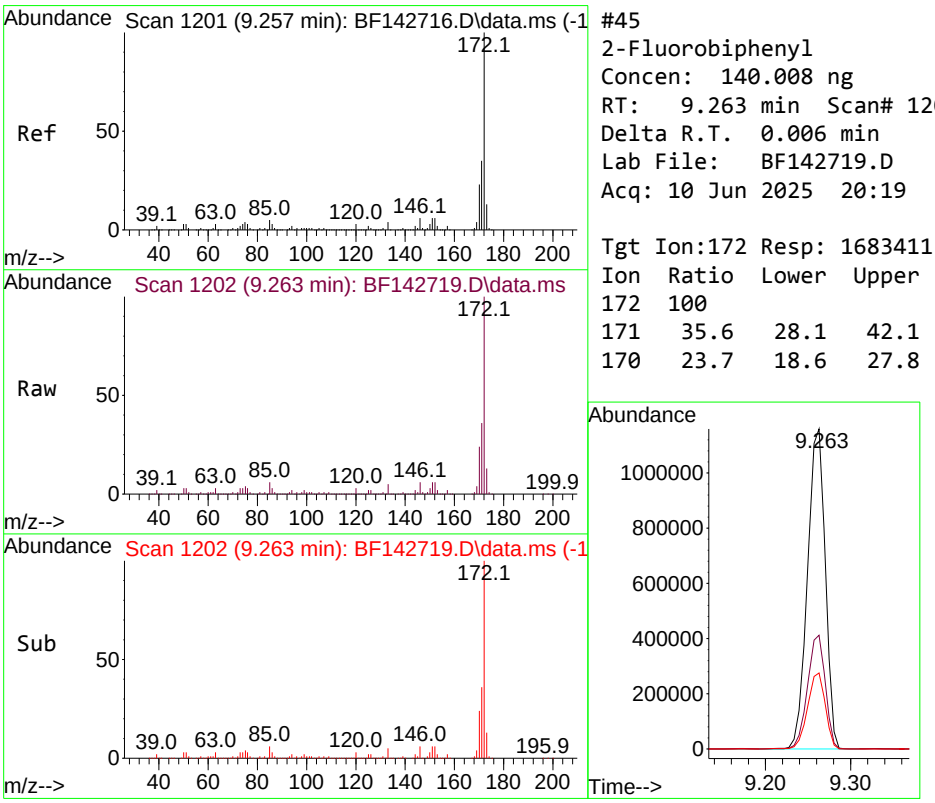
Tgt Ion:196 Resp: 24990

Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
97	50.2	38.6	57.8
132	29.7	23.4	35.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

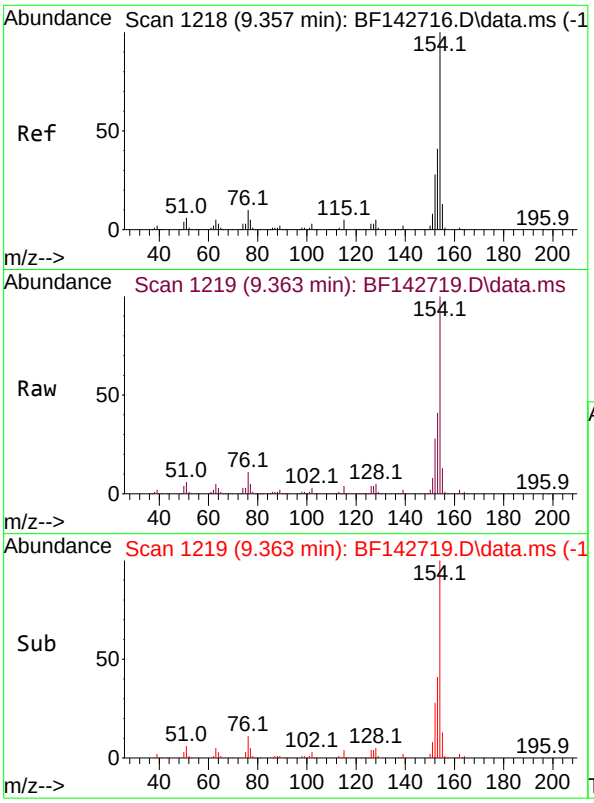
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



#45
2-Fluorobiphenyl
Concen: 140.008 ng
RT: 9.263 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:172 Resp: 1683411

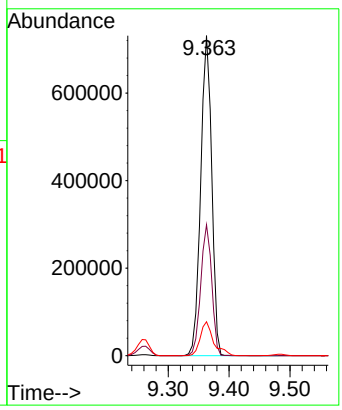
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.7	18.6	27.8



#46
1,1'-Biphenyl
Concen: 72.479 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:154 Resp: 91990

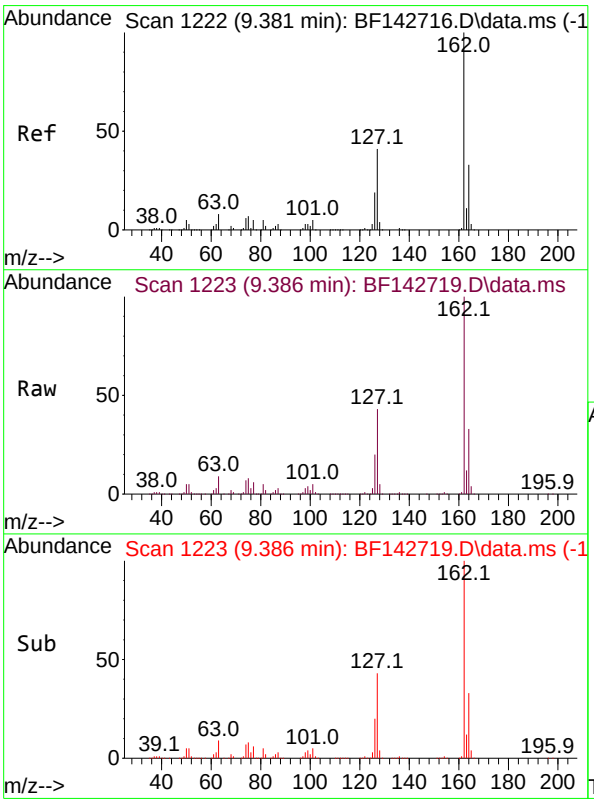
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	10.6	0.0	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

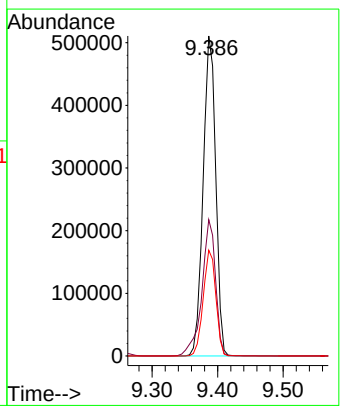
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

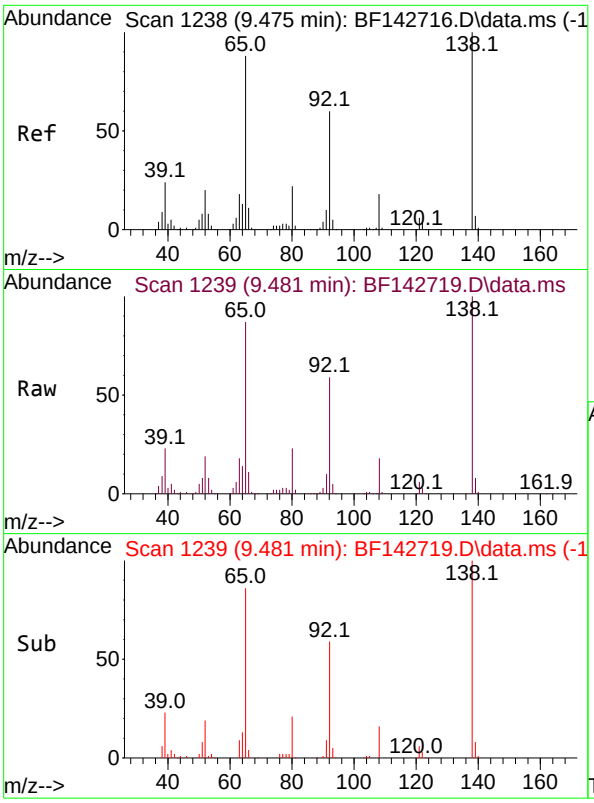


#47
2-Chloronaphthalene
Concen: 72.031 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:162 Resp: 683953

Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	33.1	26.1	39.1





#48
2-Nitroaniline
Concen: 72.414 ng
RT: 9.481 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

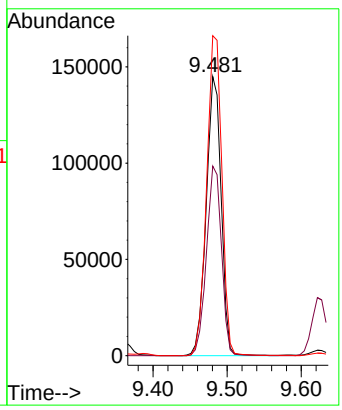
Tgt Ion: 65 Resp: 20282

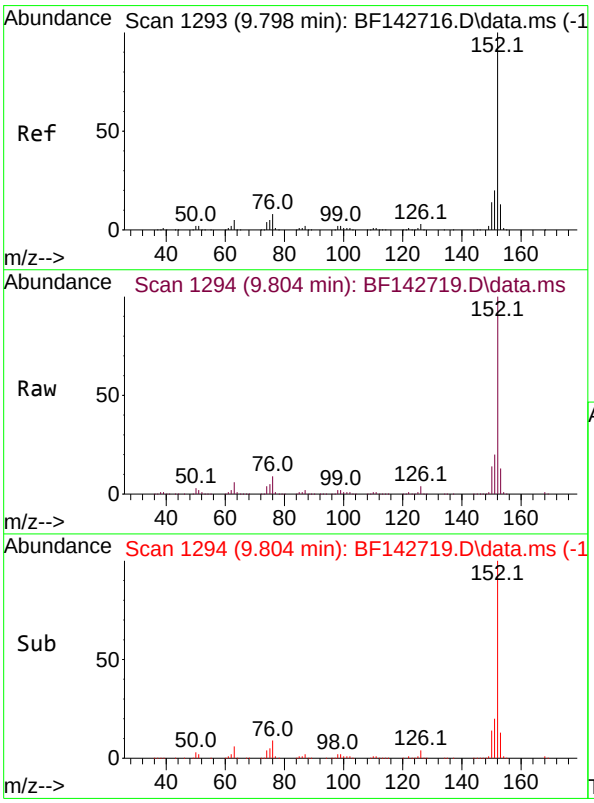
Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.5	81.7
138	114.7	90.6	136.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

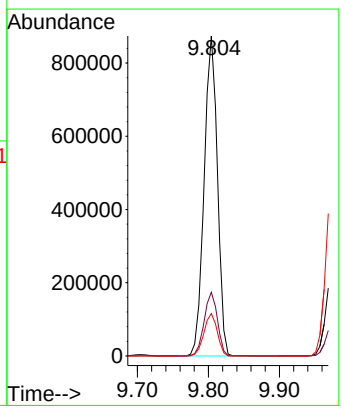


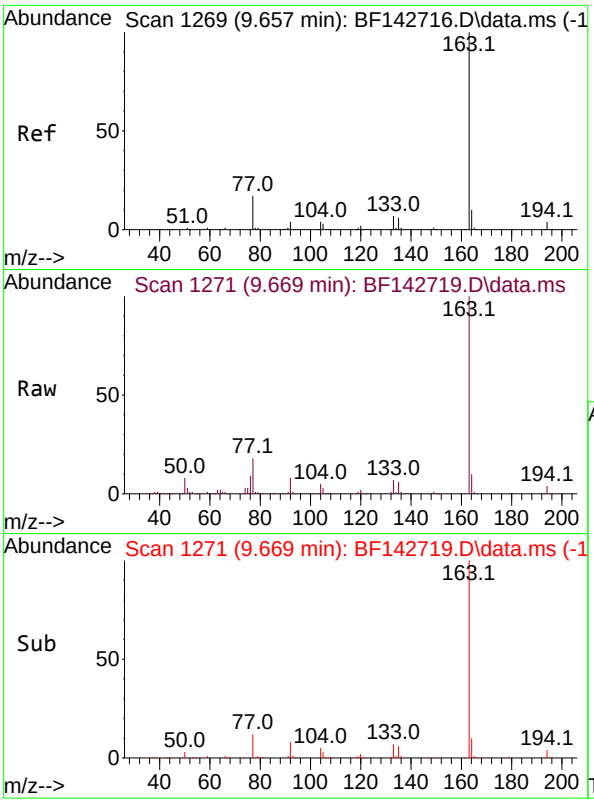


#49
Acenaphthylene
Concen: 72.323 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:152 Resp: 1139161

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.5	15.7





#50
Dimethylphthalate
Concen: 73.402 ng
RT: 9.669 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

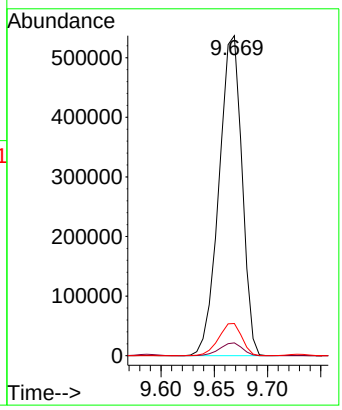
Tgt Ion:163 Resp: 80616

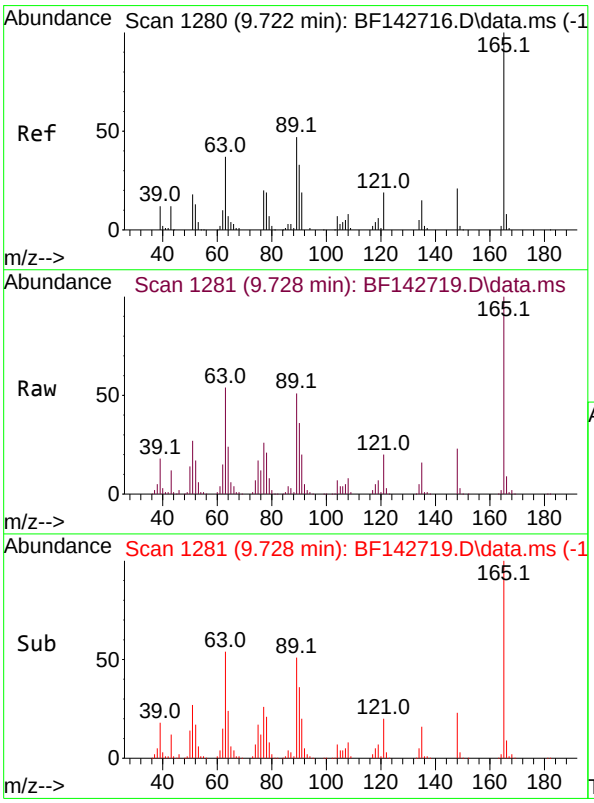
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

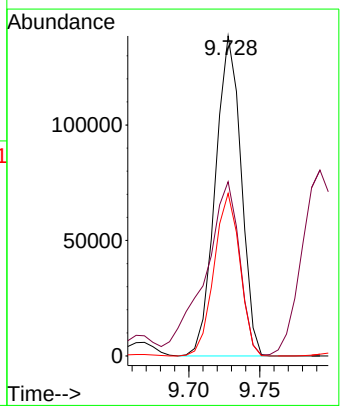


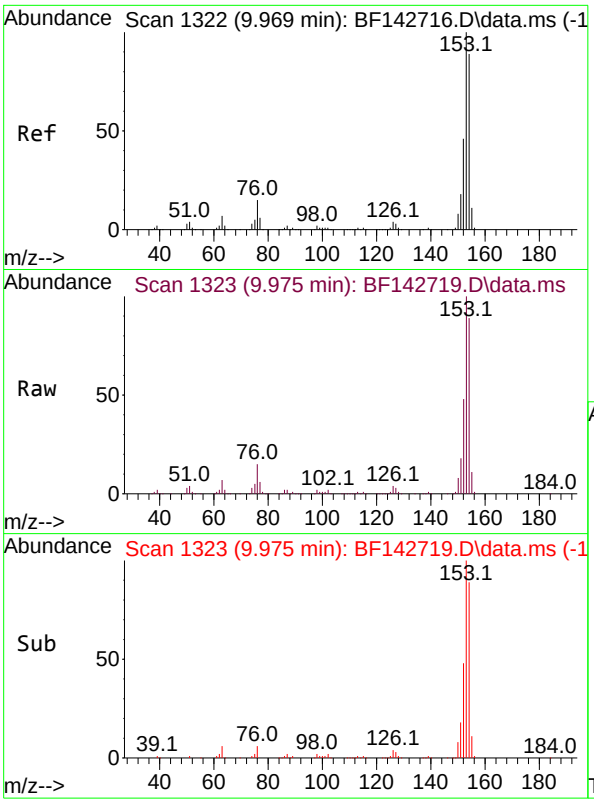


#51
2,6-Dinitrotoluene
Concen: 73.343 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:165 Resp: 174846

Ion	Ratio	Lower	Upper
165	100		
63	54.4	40.6	60.8
89	50.8	37.6	56.4

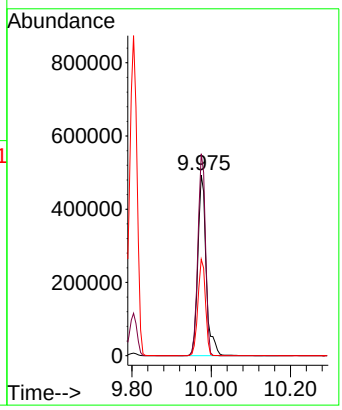




#52
Acenaphthene
Concen: 74.430 ng
RT: 9.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:154 Resp: 71773

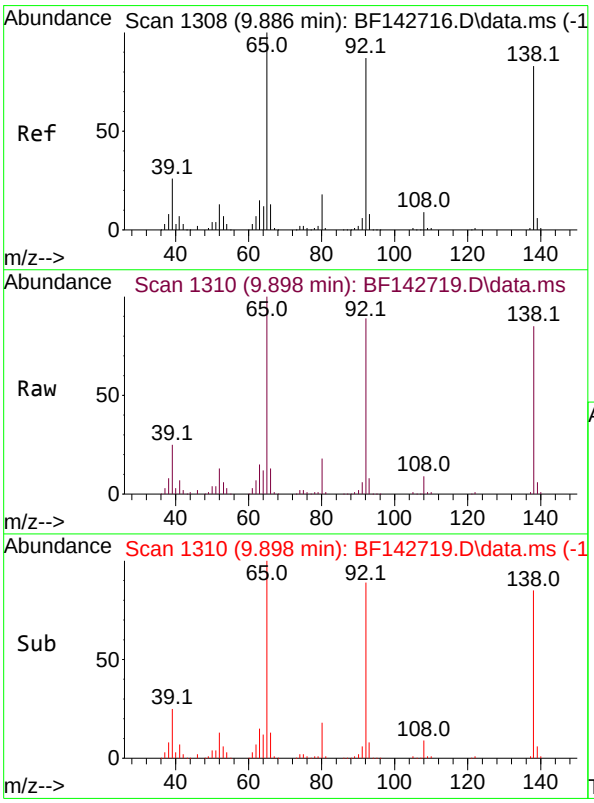
Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	53.4	41.9	62.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

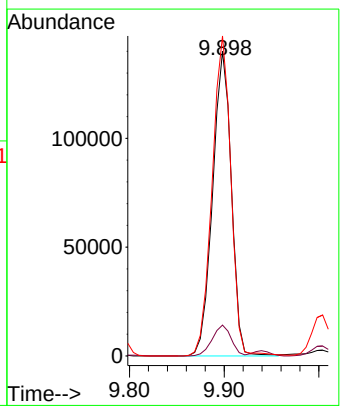
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

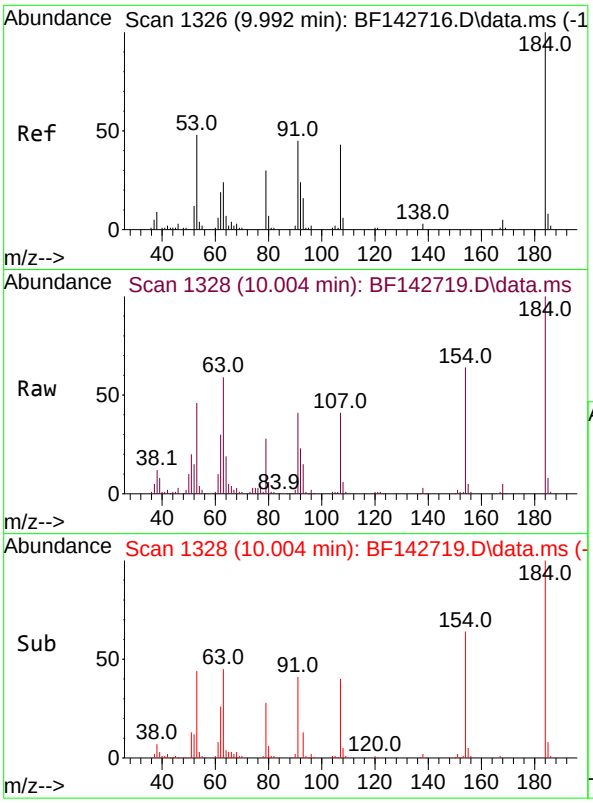


#53
3-Nitroaniline
Concen: 72.585 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:138 Resp: 192508

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	105.0	84.6	127.0

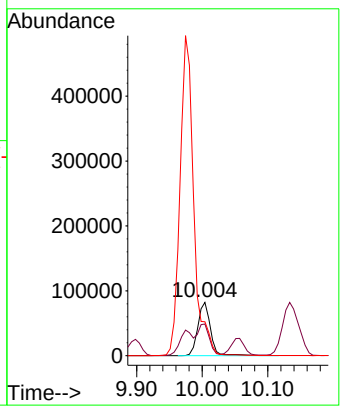




#54
2,4-Dinitrophenol
Concen: 84.319 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:184 Resp: 11030

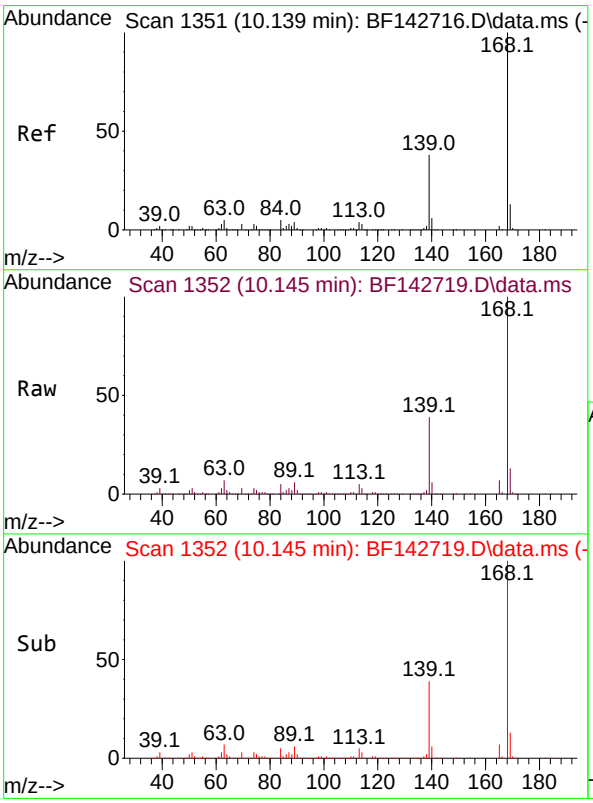
Ion	Ratio	Lower	Upper
184	100		
63	59.5	51.7	77.5
154	63.5	60.1	90.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

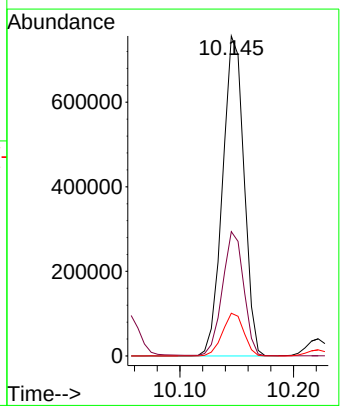
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

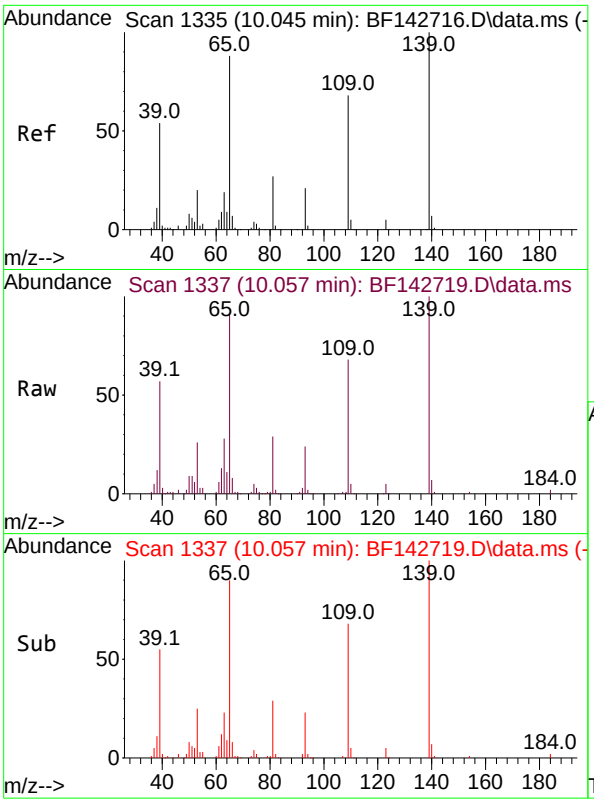


#55
Dibenzofuran
Concen: 71.616 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:168 Resp: 990916

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.9	46.3
169	13.4	10.8	16.2

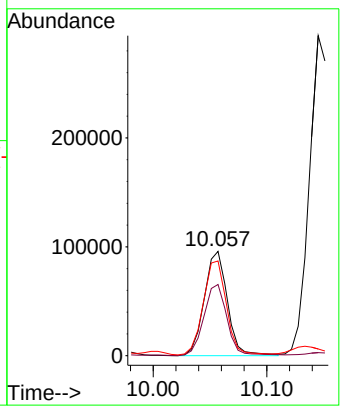




#56
4-Nitrophenol
Concen: 74.740 ng
RT: 10.057 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:139 Resp: 13555

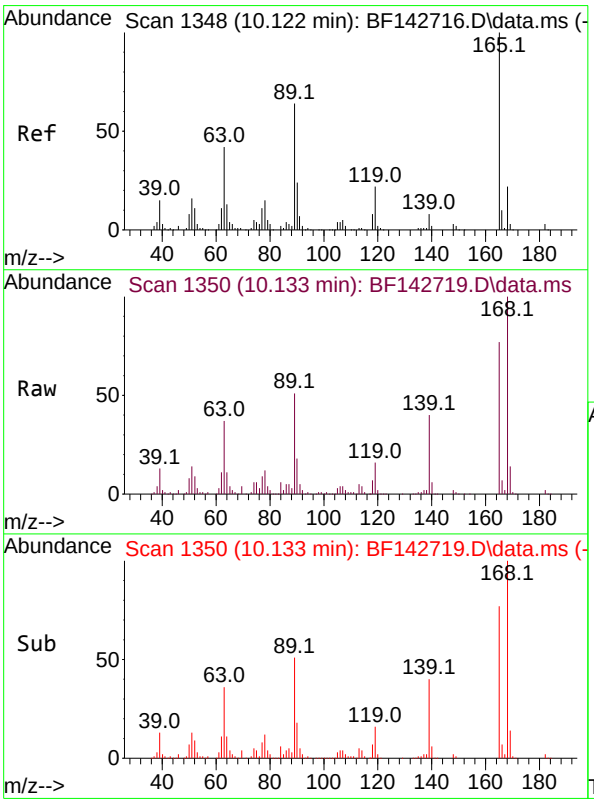
Ion	Ratio	Lower	Upper
139	100		
109	68.2	47.5	87.5
65	90.7	69.2	109.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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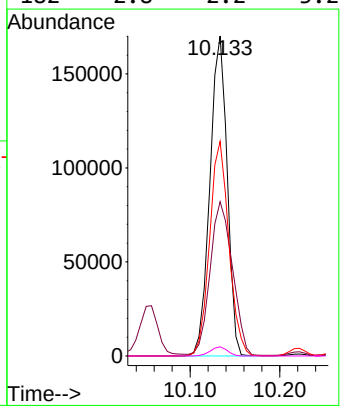
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

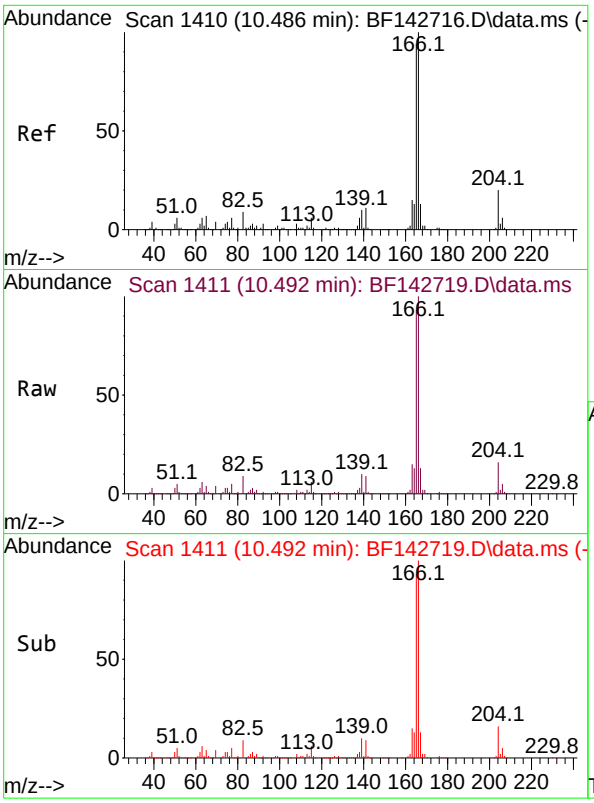


#57
2,4-Dinitrotoluene
Concen: 71.678 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:165 Resp: 227420

Ion	Ratio	Lower	Upper
165	100		
63	48.2	34.1	51.1
89	67.1	50.8	76.2
182	2.8	2.2	3.2

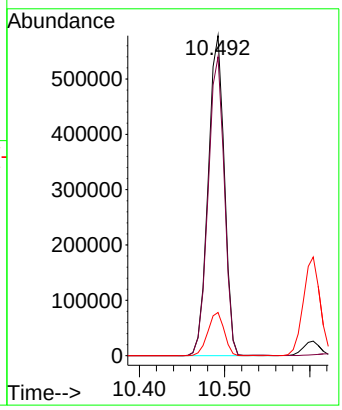




#58
Fluorene
Concen: 69.038 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:166 Resp: 76232

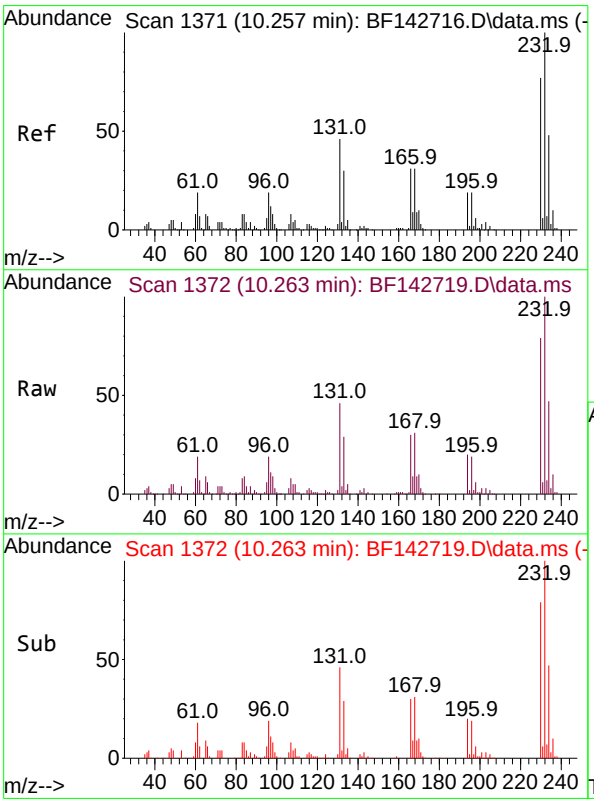
Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.9	112.3
167	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

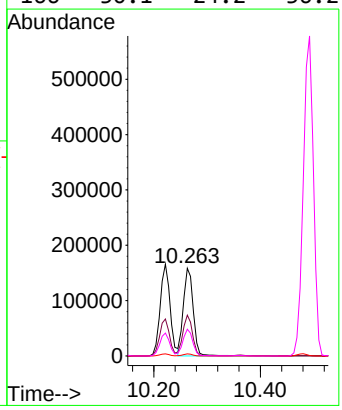
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

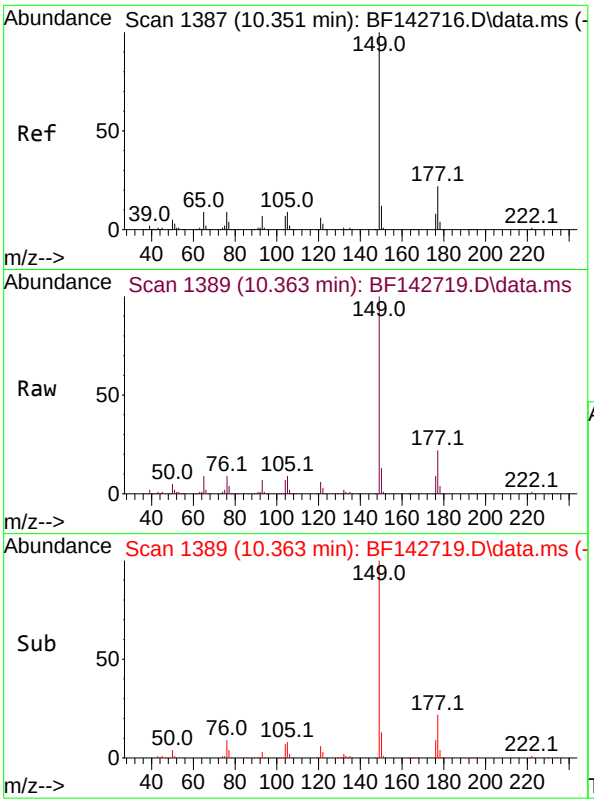


#59
2,3,4,6-Tetrachlorophenol
Concen: 73.596 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:232 Resp: 202852

Ion	Ratio	Lower	Upper
232	100		
131	46.2	35.8	53.8
130	2.3	1.8	2.6
166	30.1	24.2	36.2

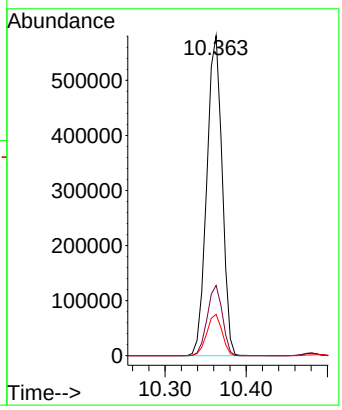




#60
Diethylphthalate
Concen: 71.123 ng
RT: 10.363 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 75998

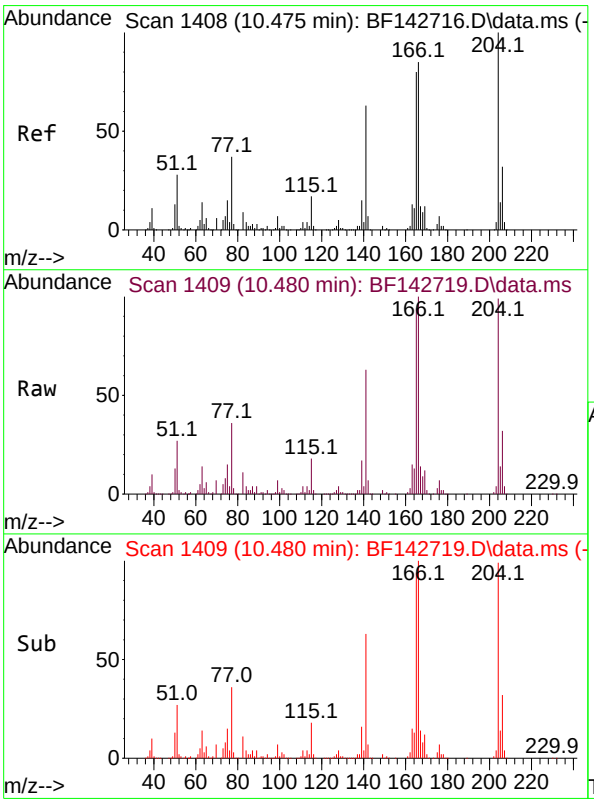
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

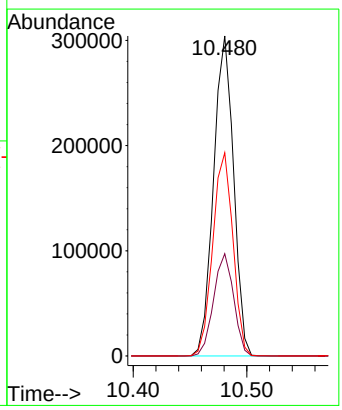
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

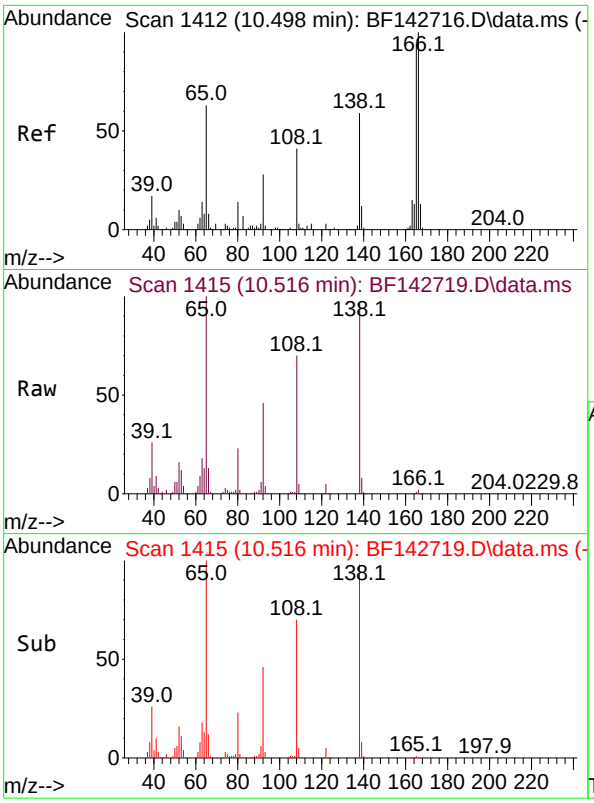


#61
4-Chlorophenyl-phenylether
Concen: 71.075 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:204 Resp: 373104

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.9	38.9
141	63.5	50.2	75.4

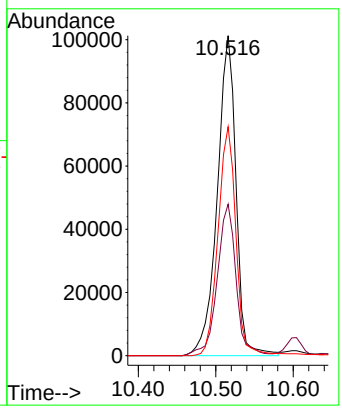




#62
4-Nitroaniline
Concen: 68.540 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:138 Resp: 17033

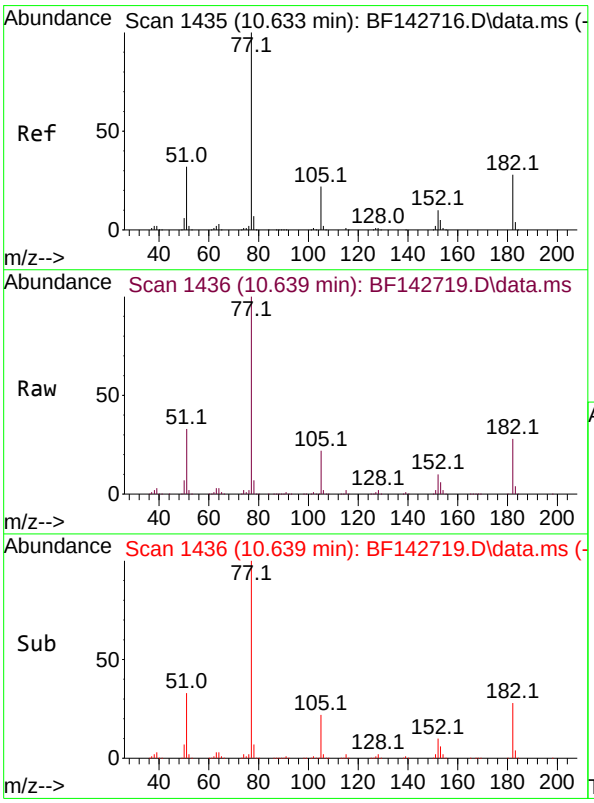
Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.2	67.2
108	71.6	49.9	89.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

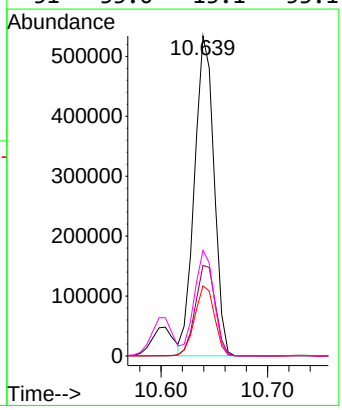
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

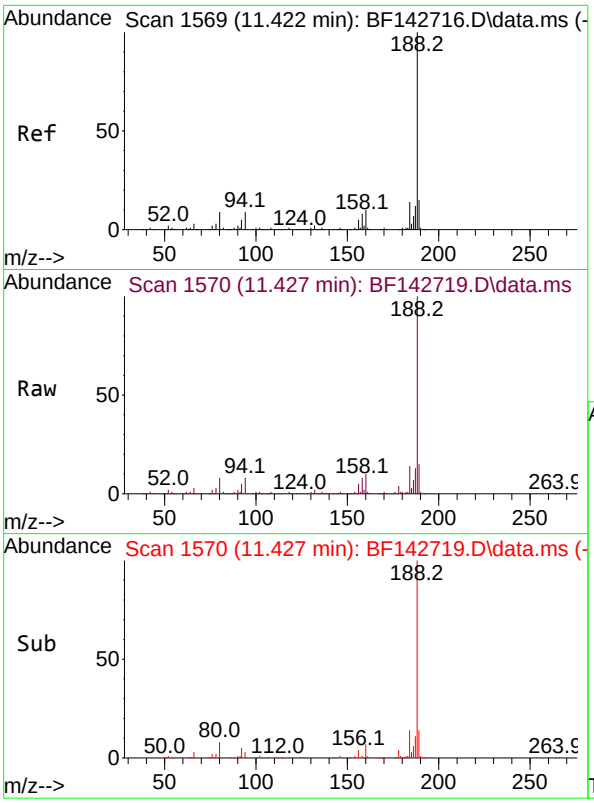


#63
Azobenzene
Concen: 71.254 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 77 Resp: 682466

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.8	47.8
105	21.9	1.9	41.9
51	33.0	13.1	53.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

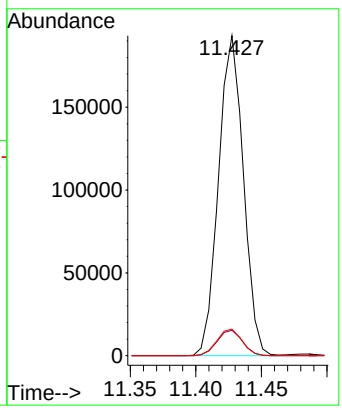
Tgt Ion:188 Resp: 25468

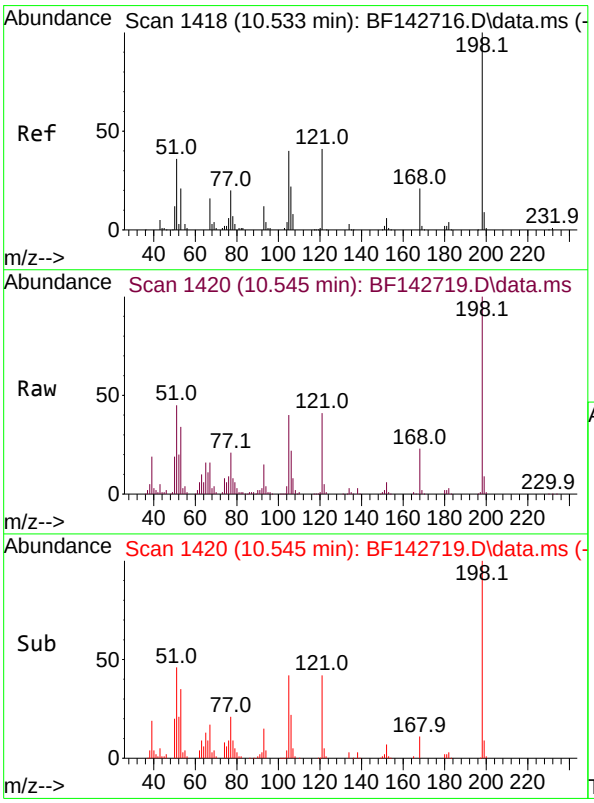
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.3	7.1	10.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

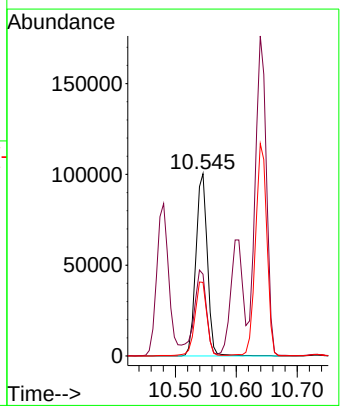


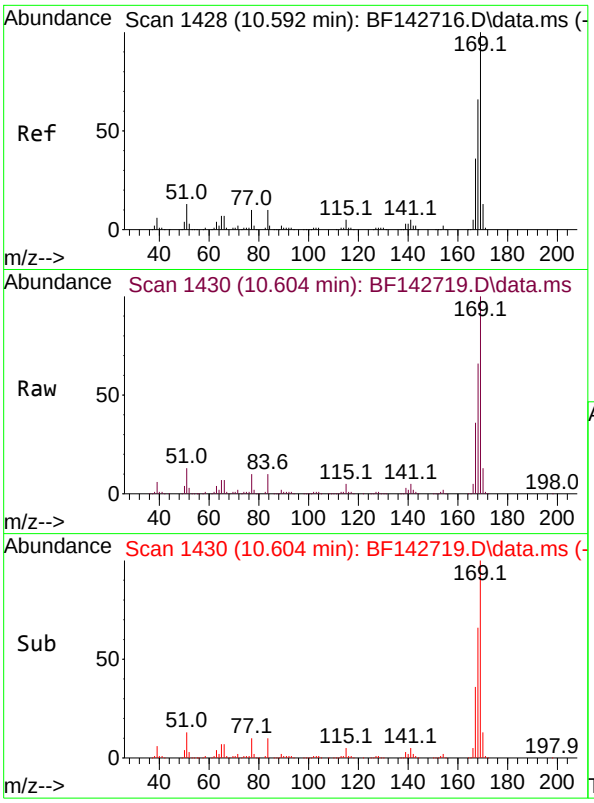


#65
4,6-Dinitro-2-methylphenol
Concen: 82.959 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:198 Resp: 131400

Ion	Ratio	Lower	Upper
198	100		
51	44.9	25.5	65.5
105	40.4	21.1	61.1

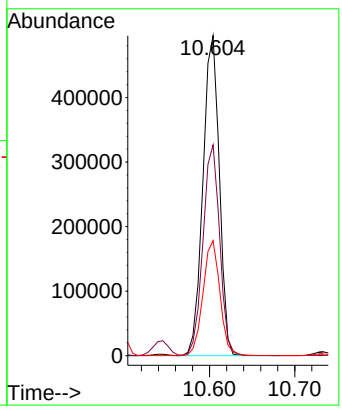




#66
n-Nitrosodiphenylamine
Concen: 80.735 ng
RT: 10.604 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:169 Resp: 66324

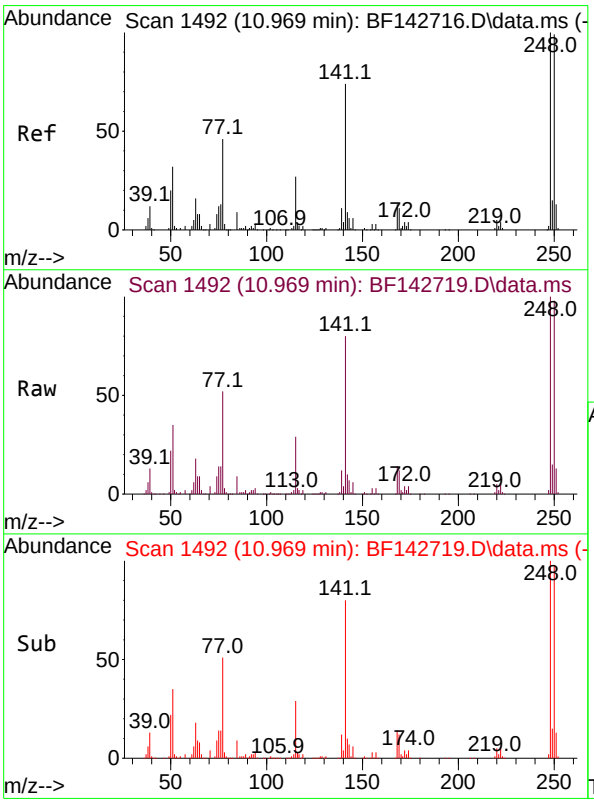
Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.4
167	36.0	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

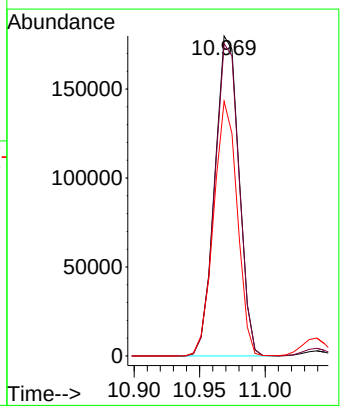
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

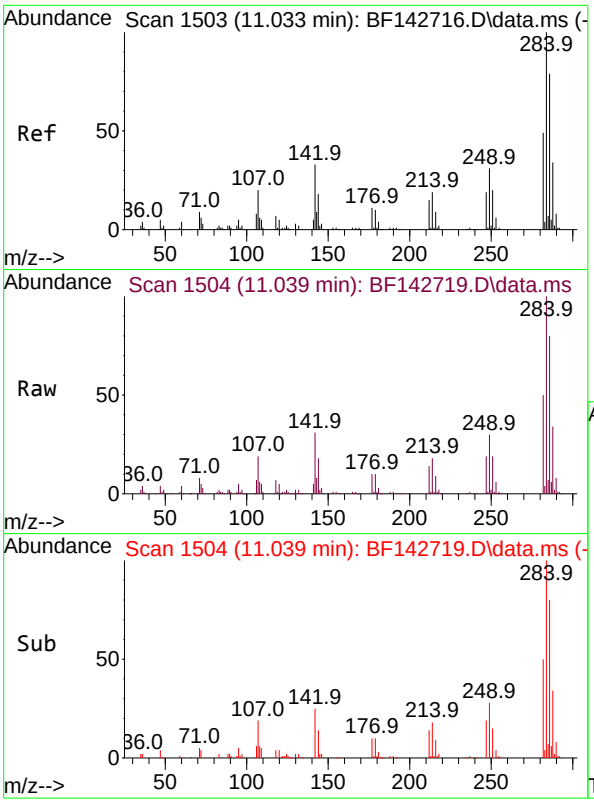


#67
4-Bromophenyl-phenylether
Concen: 82.064 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:248 Resp: 231210

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.2	118.8
141	79.5	59.3	88.9

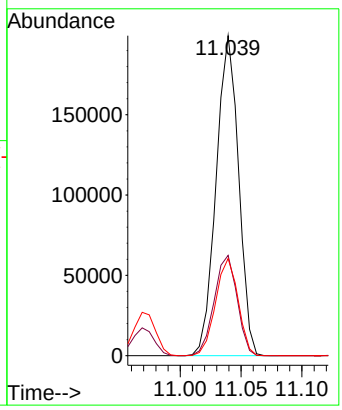




#68
Hexachlorobenzene
Concen: 79.389 ng
RT: 11.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:284 Resp: 25539

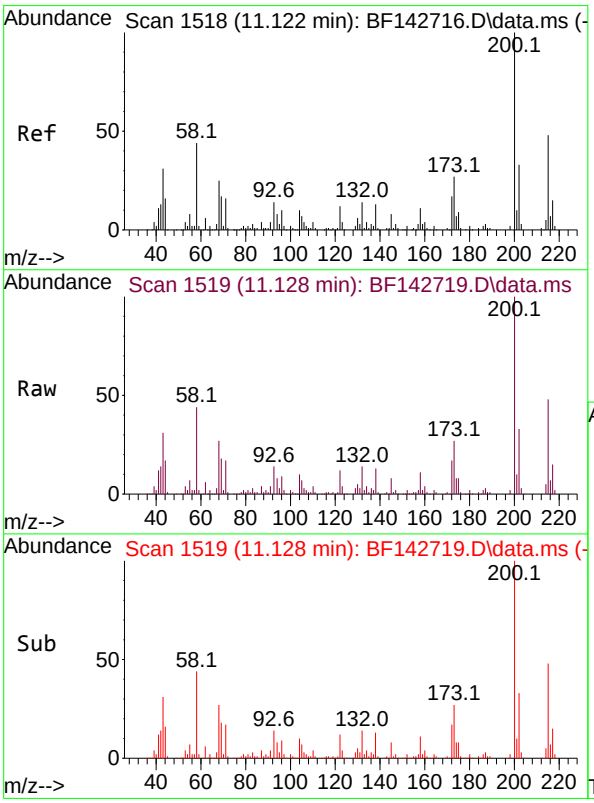
Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.0	39.0
249	30.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

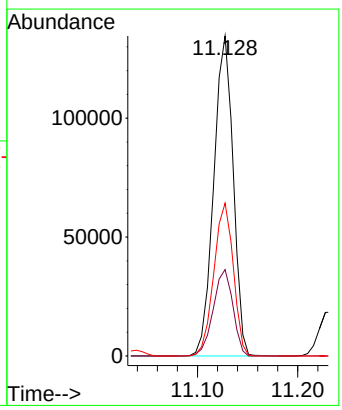
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

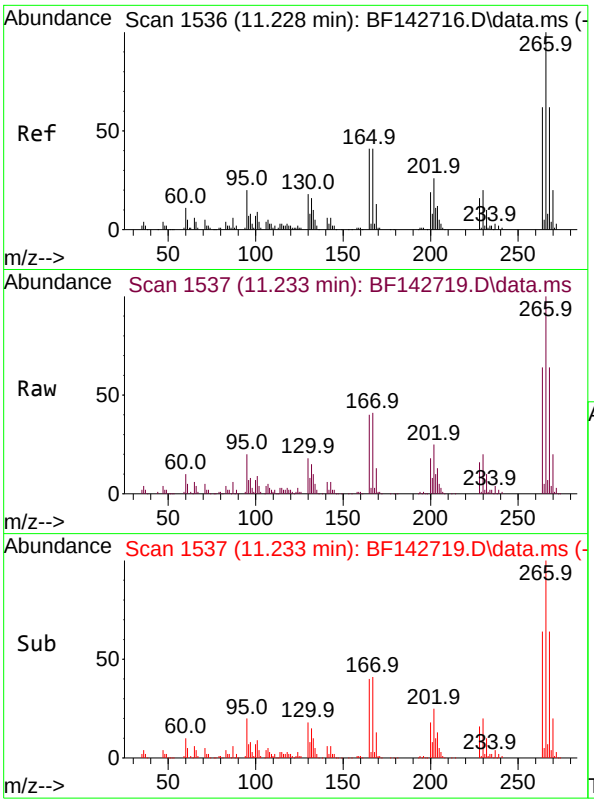


#69
Atrazine
Concen: 74.132 ng
RT: 11.128 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:200 Resp: 181083

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	47.7	28.2	68.2

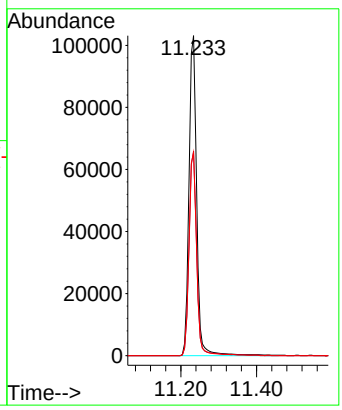




#70
Pentachlorophenol
Concen: 83.538 ng
RT: 11.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:266 Resp: 14509

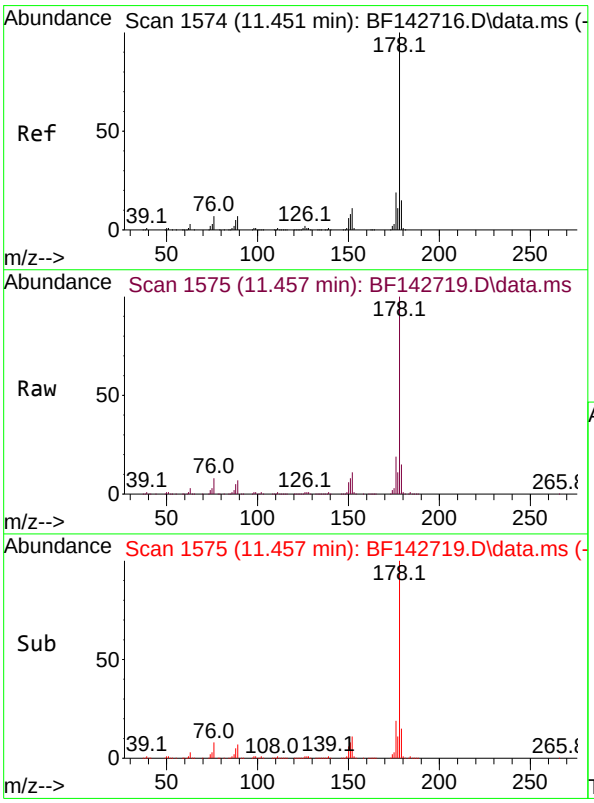
Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.6	74.4
264	63.5	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

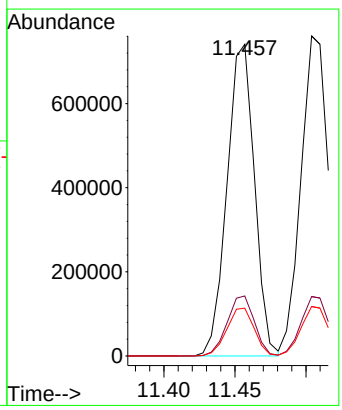
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

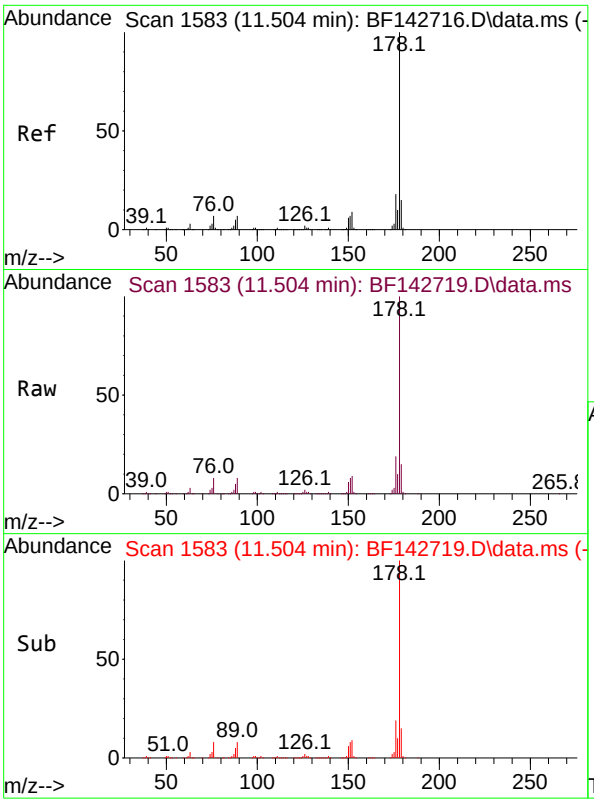


#71
Phenanthrene
Concen: 73.171 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:178 Resp: 996749

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.2	18.4

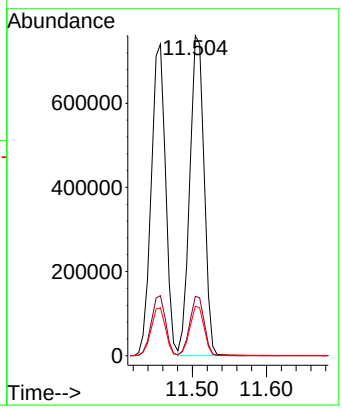




#72
Anthracene
Concen: 72.476 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:178 Resp: 102231

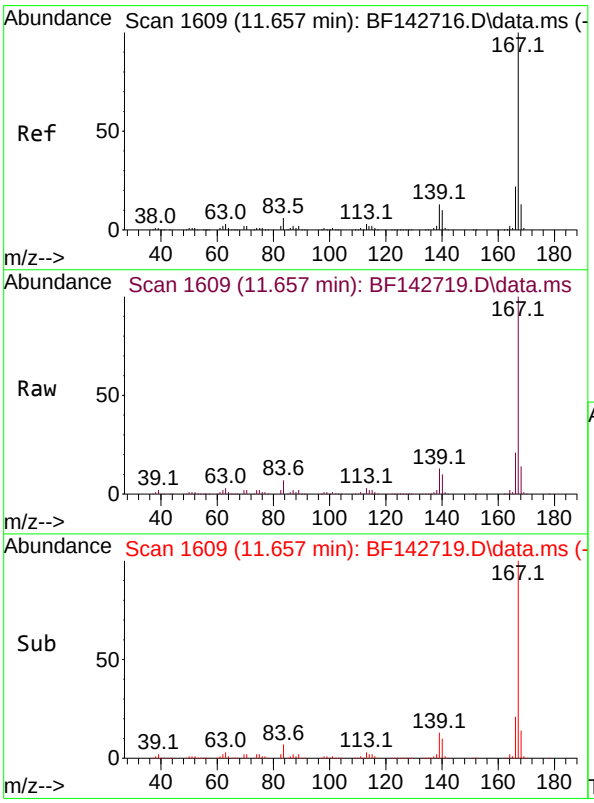
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

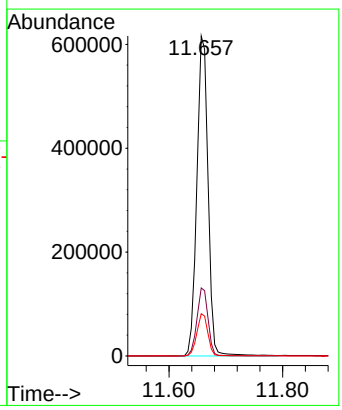
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

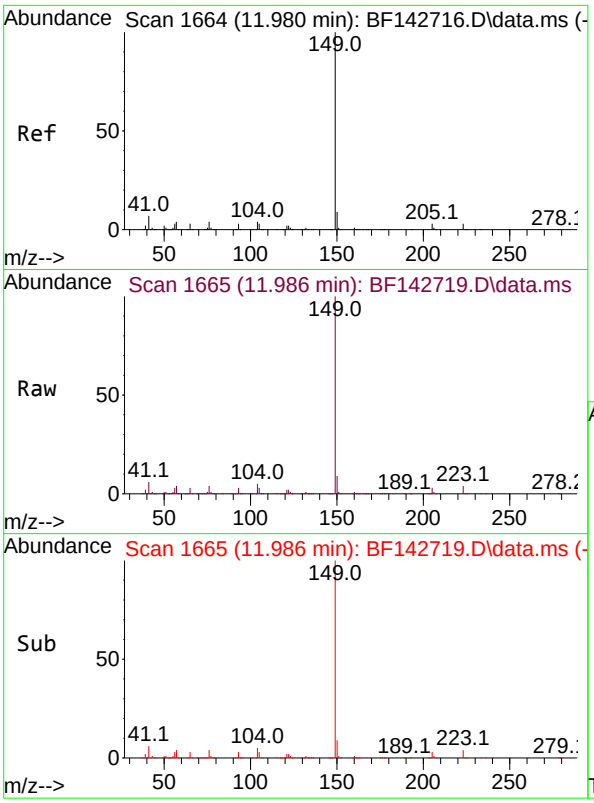


#73
Carbazole
Concen: 67.657 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:167 Resp: 847728

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.2	10.2	15.4

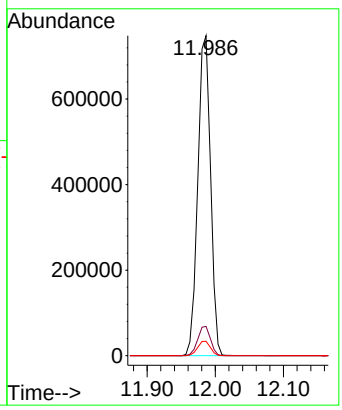




#74
Di-n-butylphthalate
Concen: 73.246 ng
RT: 11.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 97127

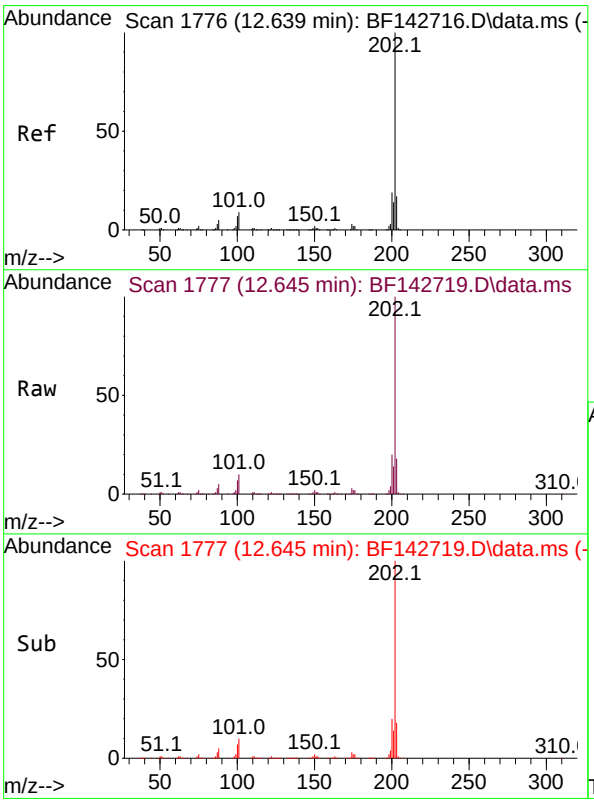
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.5	3.4	5.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

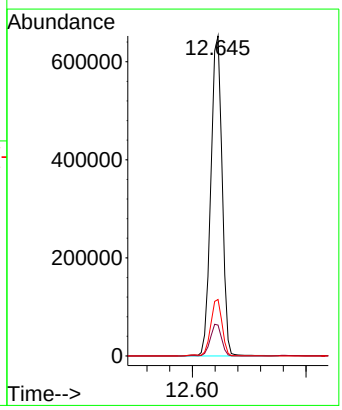
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

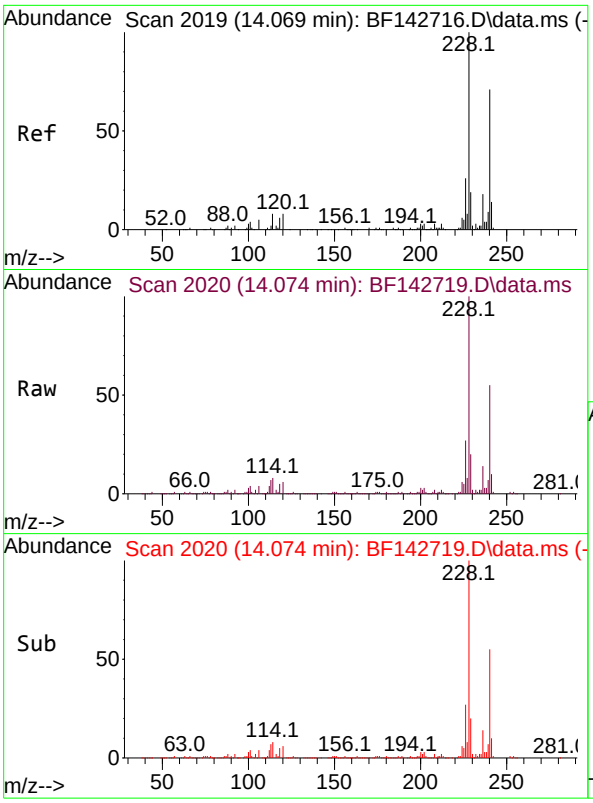


#75
Fluoranthene
Concen: 67.491 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:202 Resp: 894185

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.5
203	17.6	0.0	37.0

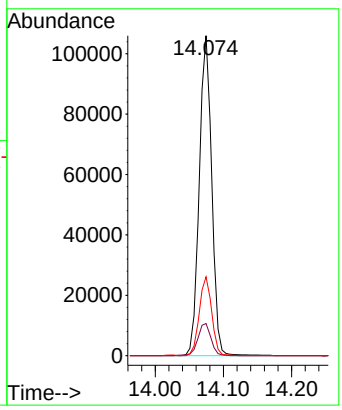




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:240 Resp: 13445

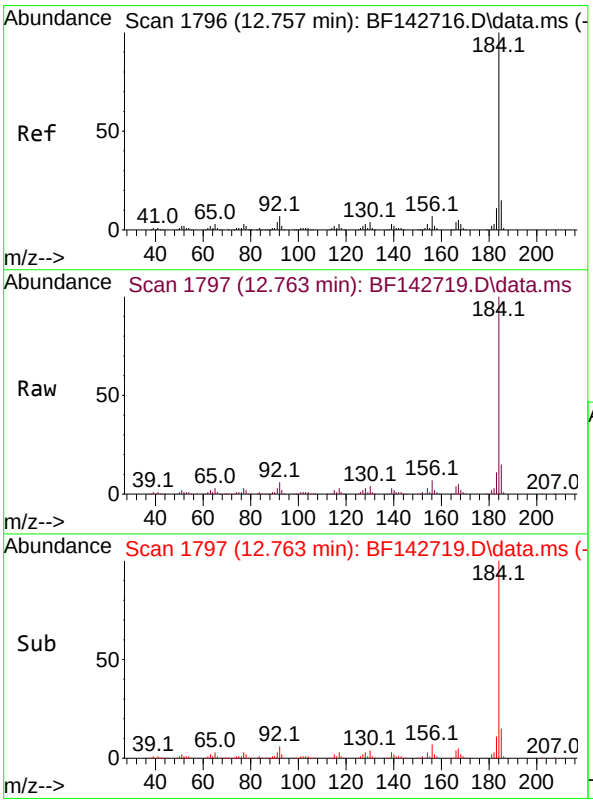
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	24.7	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

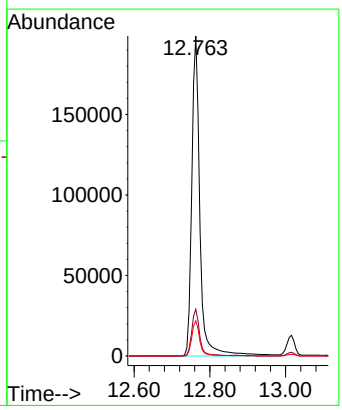
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

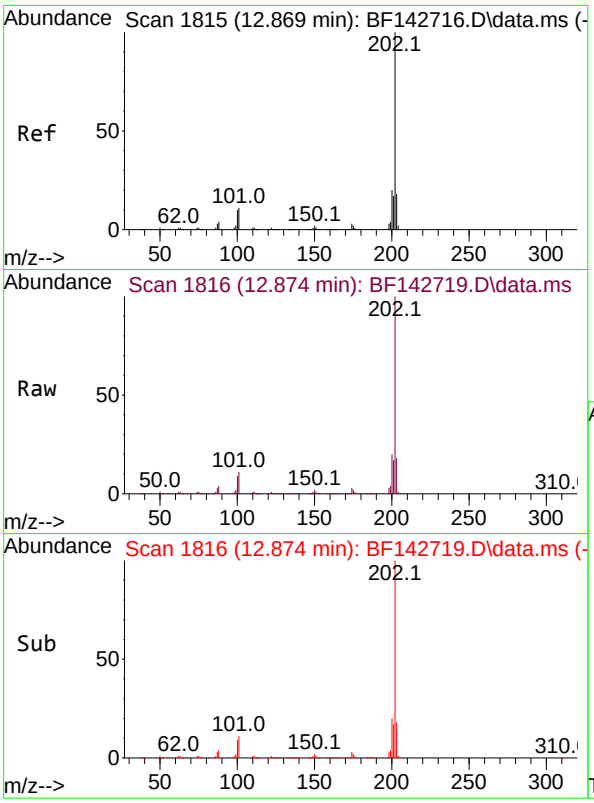


#77
Benzidine
Concen: 63.003 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:184 Resp: 297389

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.0	8.6	12.8

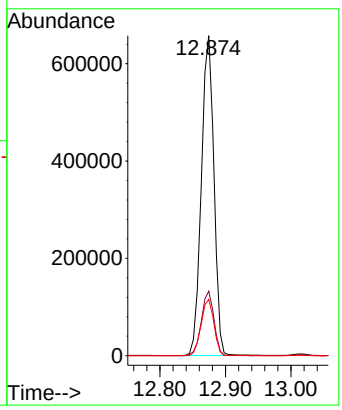




#78
Pyrene
Concen: 77.450 ng
RT: 12.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:202 Resp: 87955

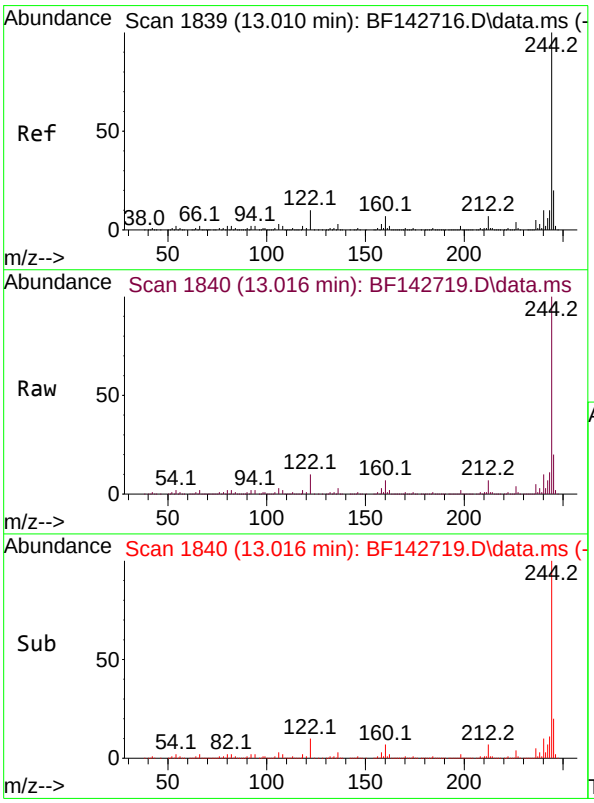
Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.8
203	17.6	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

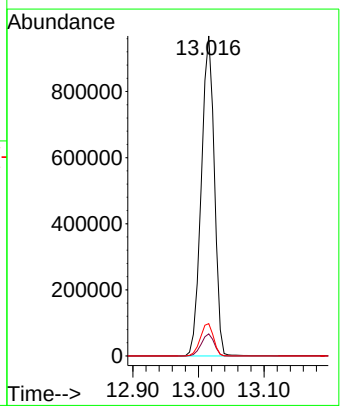
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

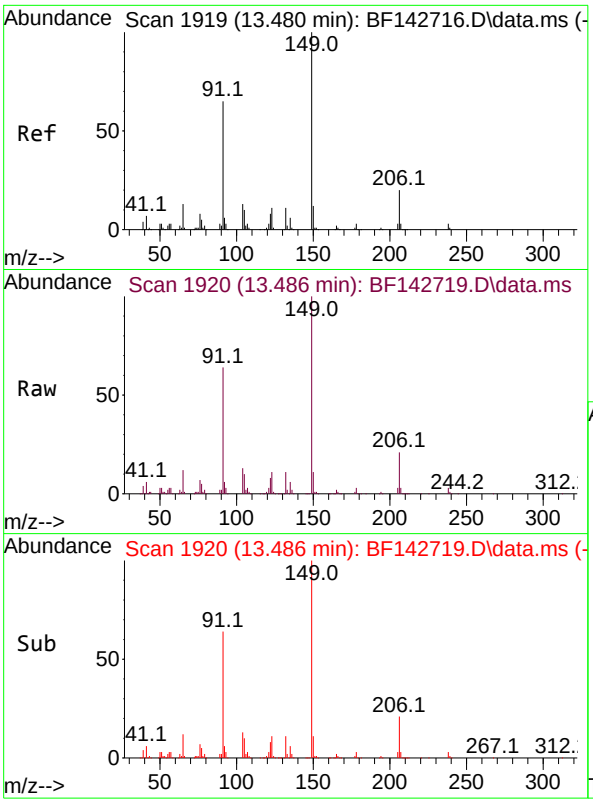


#79
Terphenyl-d14
Concen: 151.555 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:244 Resp: 1341427

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.1	8.3	12.5

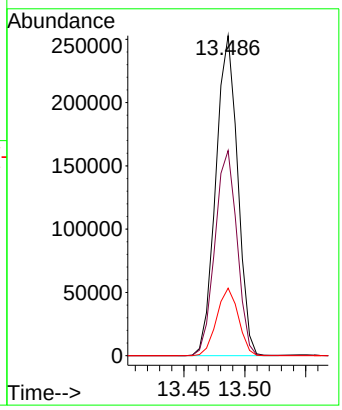




#80
Butylbenzylphthalate
Concen: 91.133 ng
RT: 13.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 31608

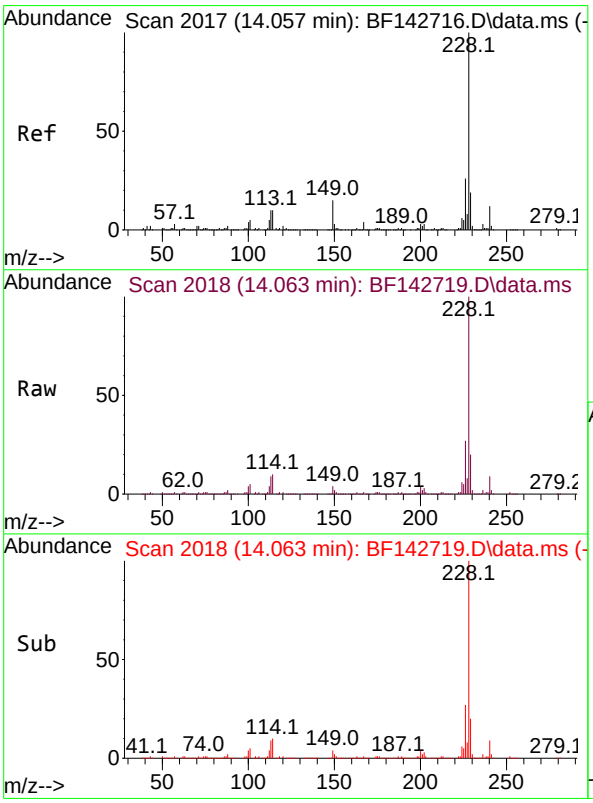
Ion	Ratio	Lower	Upper
149	100		
91	64.1	52.3	78.5
206	21.1	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

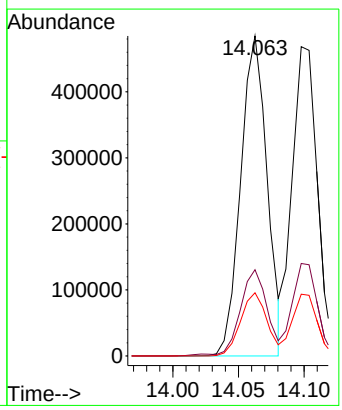
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

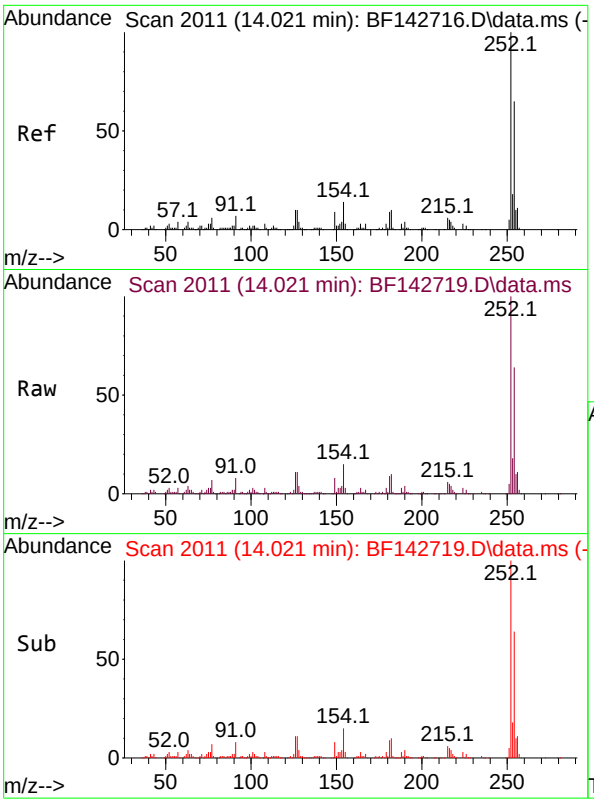


#81
Benzo(a)anthracene
Concen: 77.337 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:228 Resp: 679460

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.8	15.5	23.3

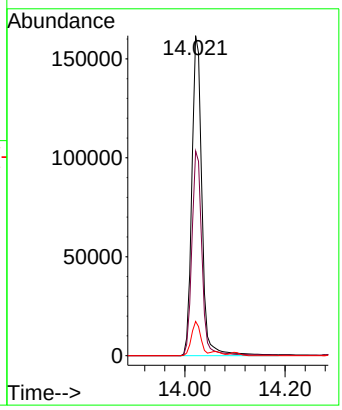




#82
3,3'-Dichlorobenzidine
Concen: 80.119 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 22493

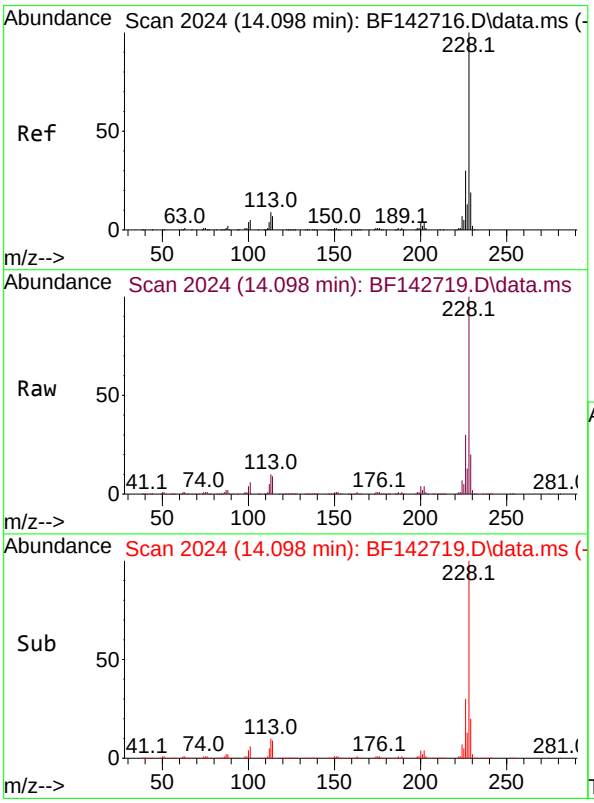
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	10.7	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

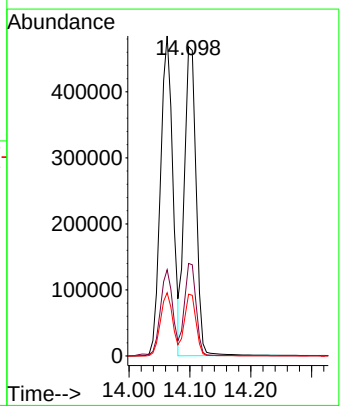
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

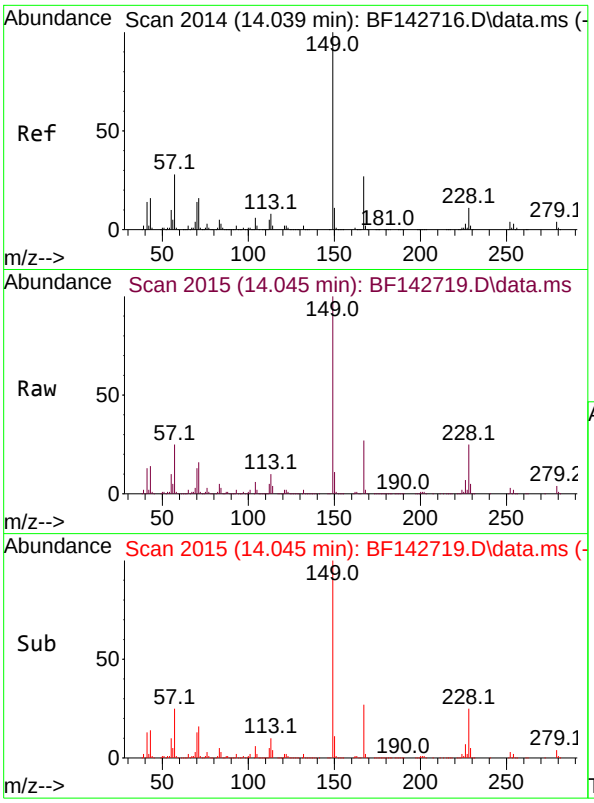


#83
Chrysene
Concen: 76.388 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:228 Resp: 629301

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	20.0	15.5	23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 116.501 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

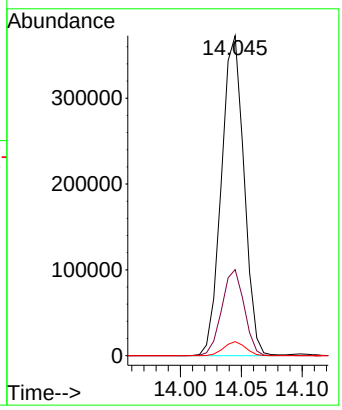
Tgt Ion:149 Resp: 48179

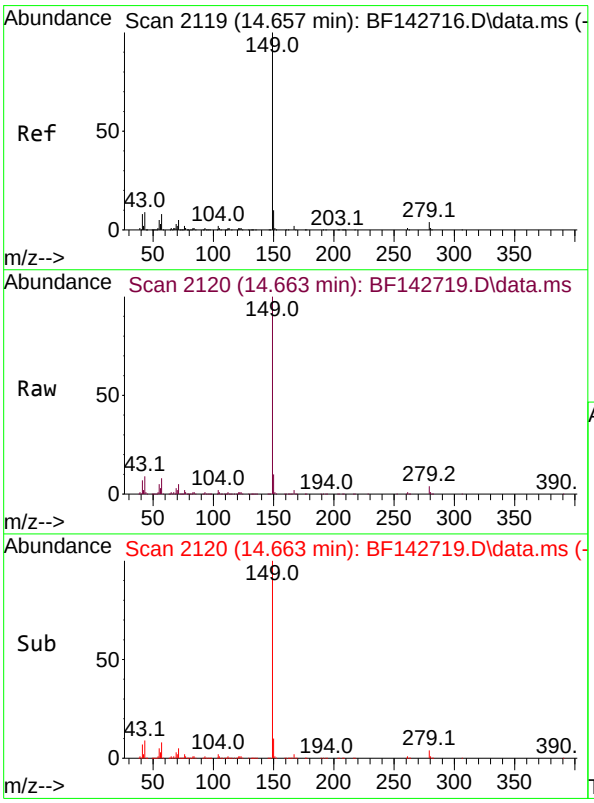
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.2
279	4.4	3.0	4.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

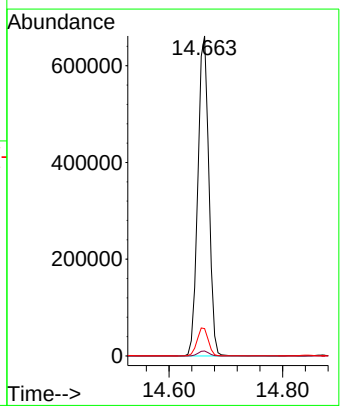


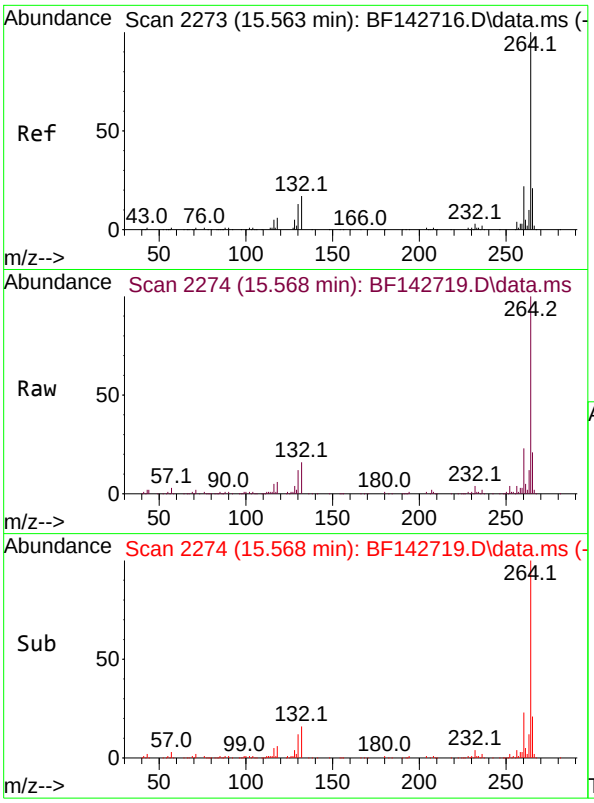


#85
Di-n-octyl phthalate
Concen: 109.198 ng
RT: 14.663 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 889433

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.3	10.9

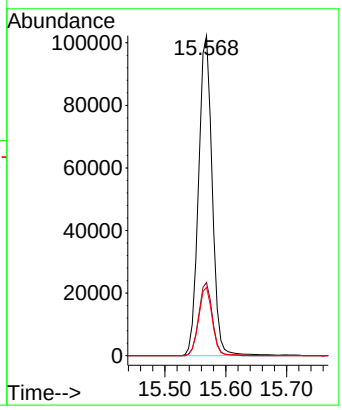




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:264 Resp: 15940

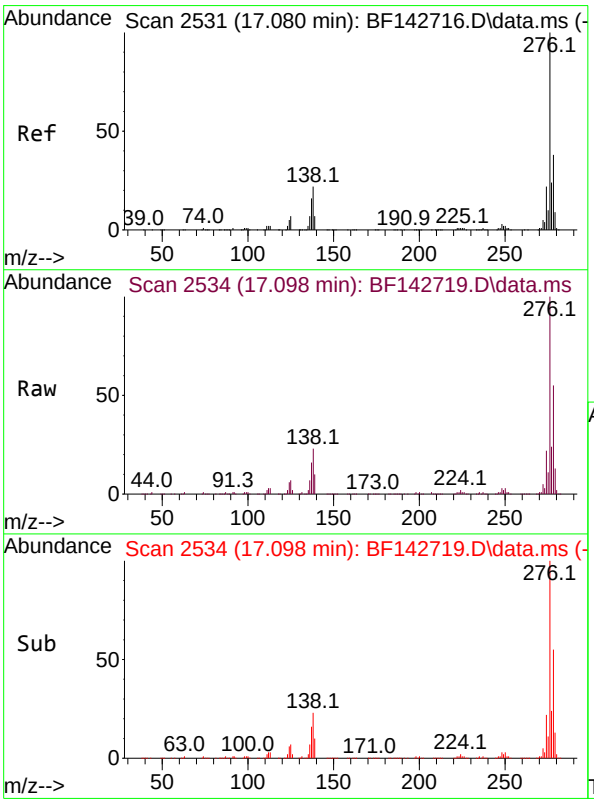
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	21.4	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

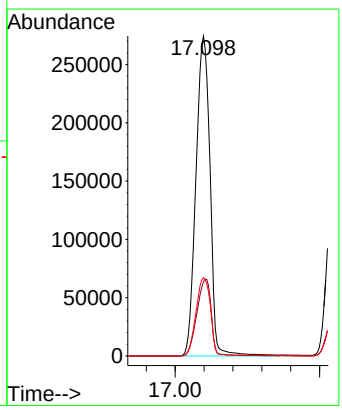
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

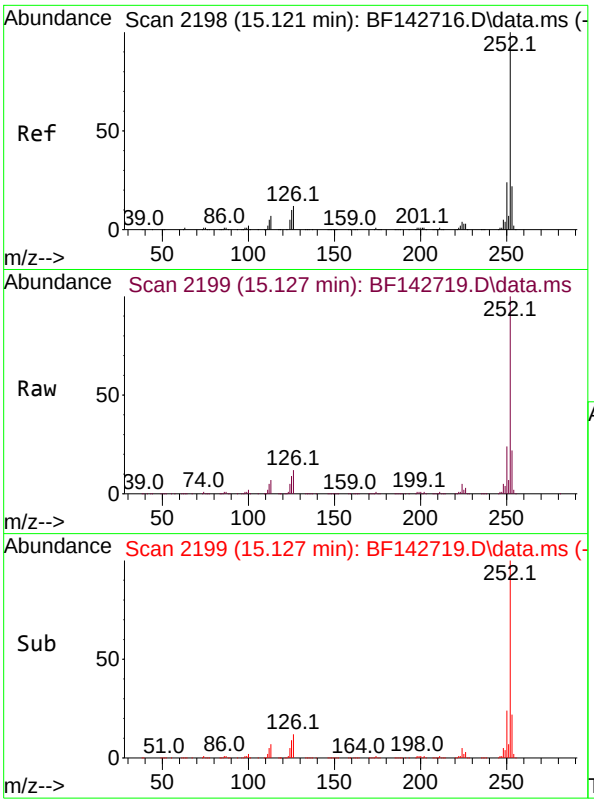


#87
Indeno(1,2,3-cd)pyrene
Concen: 81.866 ng
RT: 17.098 min Scan# 2534
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:276 Resp: 930657

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.2	20.2	30.2

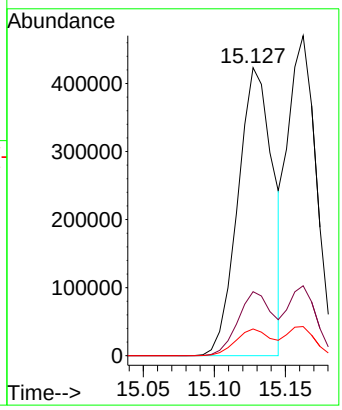




#88
Benzo(b)fluoranthene
Concen: 76.012 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 72616

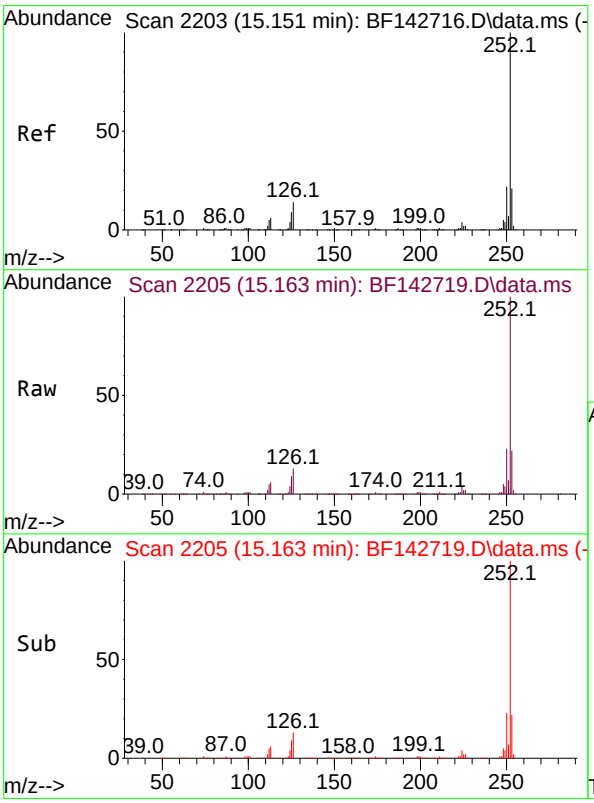
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.3	7.8	11.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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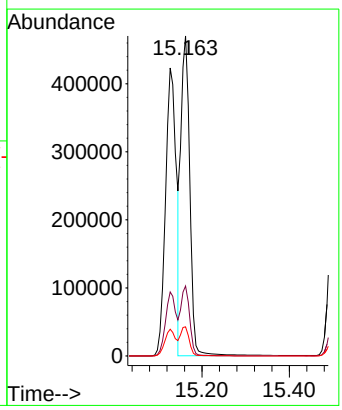
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

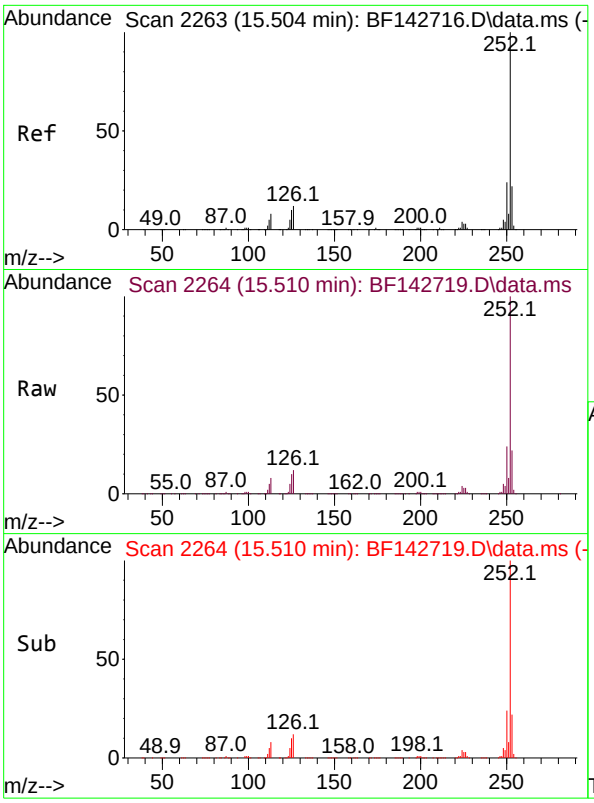


#89
Benzo(k)fluoranthene
Concen: 74.947 ng
RT: 15.163 min Scan# 2205
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 662322

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.1	7.5	11.3

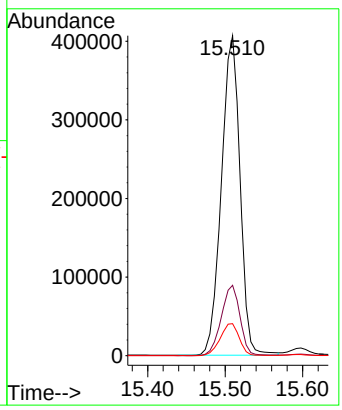




#90
Benzo(a)pyrene
Concen: 76.299 ng
RT: 15.510 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 68094

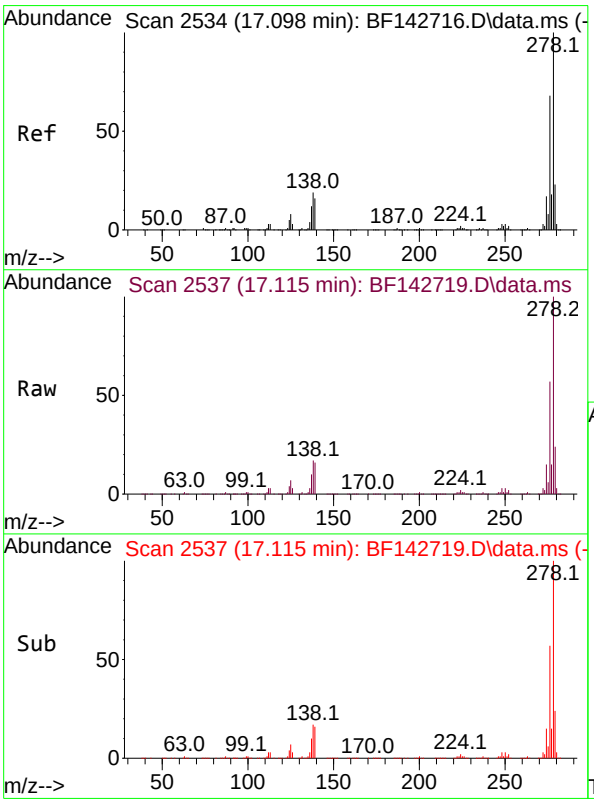
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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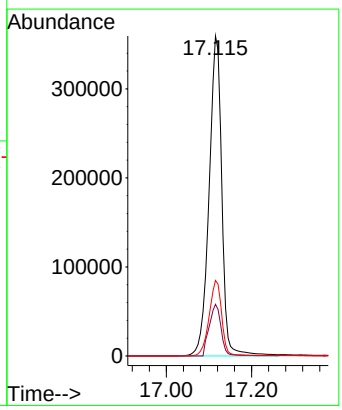
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

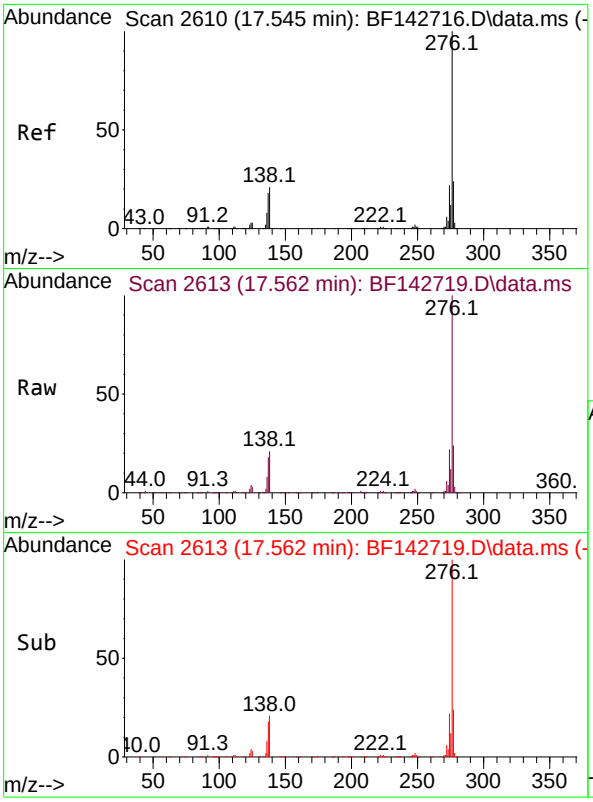


#91
Dibenzo(a,h)anthracene
Concen: 81.196 ng
RT: 17.115 min Scan# 2537
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:278 Resp: 746984

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.6	18.7	28.1

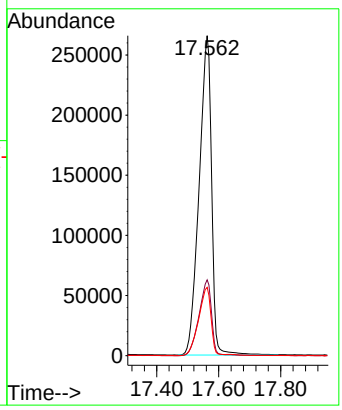




#92
Benzo(g,h,i)perylene
Concen: 78.194 ng
RT: 17.562 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:276 Resp: 74127

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.3	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75213	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	288852	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	158667	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	249548	20.000	ng	0.00
76) Chrysene-d12	14.068	240	129150	20.000	ng	0.00
86) Perylene-d12	15.562	264	147247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	371136	84.041	ng	0.00
7) Phenol-d6	6.522	99	435266	83.751	ng	0.00
23) Nitrobenzene-d5	7.457	82	405391	76.808	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	142060	81.692	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	896222	75.043	ng	0.00
79) Terphenyl-d14	13.010	244	690646	73.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	71141	40.706	ng	100
3) Pyridine	3.440	79	192629	43.958	ng	99
4) n-Nitrosodimethylamine	3.393	42	99555	44.403	ng	99
6) Aniline	6.557	93	310539	44.644	ng	99
8) 2-Chlorophenol	6.675	128	215825	44.721	ng	99
9) Benzaldehyde	6.445	77	157818	49.036	ng	99
10) Phenol	6.540	94	255700	44.263	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	188668	43.725	ng	99
12) 1,3-Dichlorobenzene	6.834	146	240990	43.756	ng	99
13) 1,4-Dichlorobenzene	6.910	146	244533	43.933	ng	100
14) 1,2-Dichlorobenzene	7.063	146	233860	43.831	ng	100
15) Benzyl Alcohol	7.034	79	174988	44.548	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	296349	43.622	ng	99
17) 2-Methylphenol	7.145	107	165998	44.868	ng	99
18) Hexachloroethane	7.404	117	86610	43.420	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	145187	43.882	ng	100
20) 3+4-Methylphenols	7.298	107	208250	44.648	ng	96
22) Acetophenone	7.304	105	285370	44.413	ng	98
24) Nitrobenzene	7.481	77	206076	43.992	ng	99
25) Isophorone	7.716	82	390476	43.695	ng	99
26) 2-Nitrophenol	7.792	139	119541	45.726	ng	100
27) 2,4-Dimethylphenol	7.828	122	203996	45.831	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	244684	44.101	ng	99
29) 2,4-Dichlorophenol	8.034	162	186060	45.296	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	201833	44.466	ng	100
31) Naphthalene	8.204	128	630716	44.151	ng	99
32) Benzoic acid	7.951	122	120199	47.951	ng	99
33) 4-Chloroaniline	8.251	127	255412	44.530	ng	98
34) Hexachlorobutadiene	8.316	225	128362	44.378	ng	98
35) Caprolactam	8.622	113	48061	43.345	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	187896	43.991	ng	98
37) 2-Methylnaphthalene	8.892	142	393355	43.503	ng	98
38) 1-Methylnaphthalene	8.992	142	407036	43.455	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205039	44.649	ng	99
41) Hexachlorocyclopentadiene	9.045	237	137738	46.731	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	132920	44.714	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

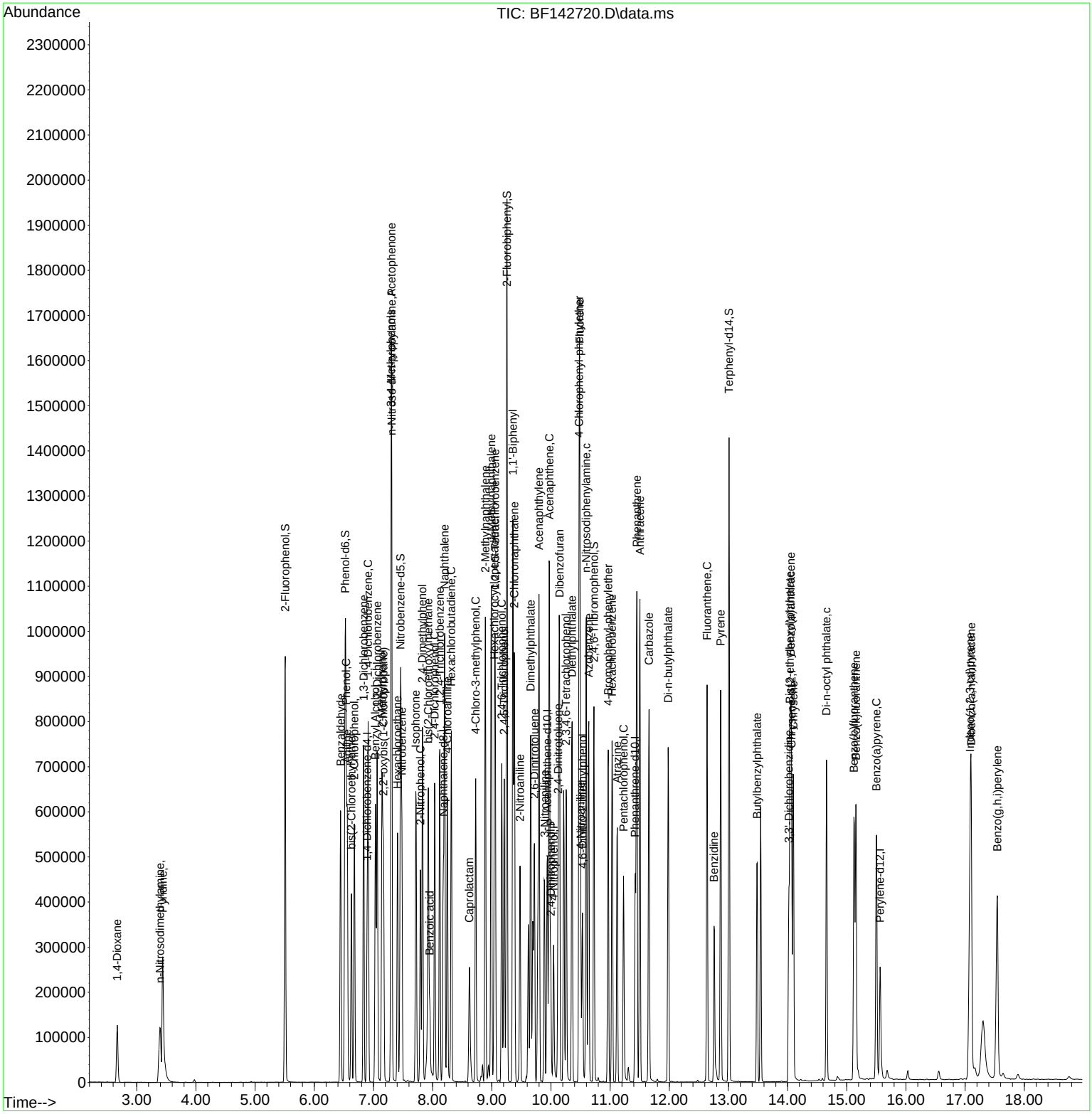
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145700	45.379	ng	98
46) 1,1'-Biphenyl	9.357	154	550079	44.647	ng	99
47) 2-Chloronaphthalene	9.381	162	399752	44.040	ng	100
48) 2-Nitroaniline	9.475	65	113944	44.136	ng	99
49) Acenaphthylene	9.798	152	666129	43.524	ng	99
50) Dimethylphthalate	9.657	163	453202	42.773	ng	99
51) 2,6-Dinitrotoluene	9.722	165	99403	43.408	ng	96
52) Acenaphthene	9.975	154	416746	43.917	ng	99
53) 3-Nitroaniline	9.892	138	107590	43.317	ng	98
54) 2,4-Dinitrophenol	9.998	184	57103	45.522	ng	89
55) Dibenzofuran	10.145	168	582555	43.111	ng	99
56) 4-Nitrophenol	10.045	139	72282	42.908	ng	98
57) 2,4-Dinitrotoluene	10.122	165	131755	43.516	ng	98
58) Fluorene	10.486	166	449369	42.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	115464	42.746	ng	99
60) Diethylphthalate	10.357	149	439146	41.798	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	223388	42.866	ng	99
62) 4-Nitroaniline	10.504	138	92675	41.707	ng	99
63) Azobenzene	10.639	77	396638	43.227	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	70617	45.188	ng	99
66) n-Nitrosodiphenylamine	10.598	169	386201	45.023	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	135771	46.092	ng	98
68) Hexachlorobenzene	11.033	284	146469	44.795	ng	100
69) Atrazine	11.122	200	99271	43.408	ng	99
70) Pentachlorophenol	11.227	266	76507	44.637	ng	99
71) Phenanthrene	11.451	178	586368	43.859	ng	100
72) Anthracene	11.504	178	611481	44.214	ng	99
73) Carbazole	11.657	167	497969	43.010	ng	99
74) Di-n-butylphthalate	11.980	149	547884	42.379	ng	100
75) Fluoranthene	12.639	202	517997	40.746	ng	100
77) Benzidine	12.757	184	223533	48.599	ng	100
78) Pyrene	12.869	202	515693	42.968	ng	100
80) Butylbenzylphthalate	13.486	149	172349	48.561	ng	96
81) Benzo(a)anthracene	14.057	228	390623	45.643	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	128006	46.382	ng	99
83) Chrysene	14.098	228	343895	43.522	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	270293	50.747	ng	99
85) Di-n-octyl phthalate	14.657	149	500941	49.022	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	496299	45.483	ng	100
88) Benzo(b)fluoranthene	15.121	252	390203	45.005	ng	100
89) Benzo(k)fluoranthene	15.157	252	362789	43.126	ng	100
90) Benzo(a)pyrene	15.504	252	375192	45.514	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	407127	45.694	ng	99
92) Benzo(g,h,i)perylene	17.545	276	399606	45.103	ng	100

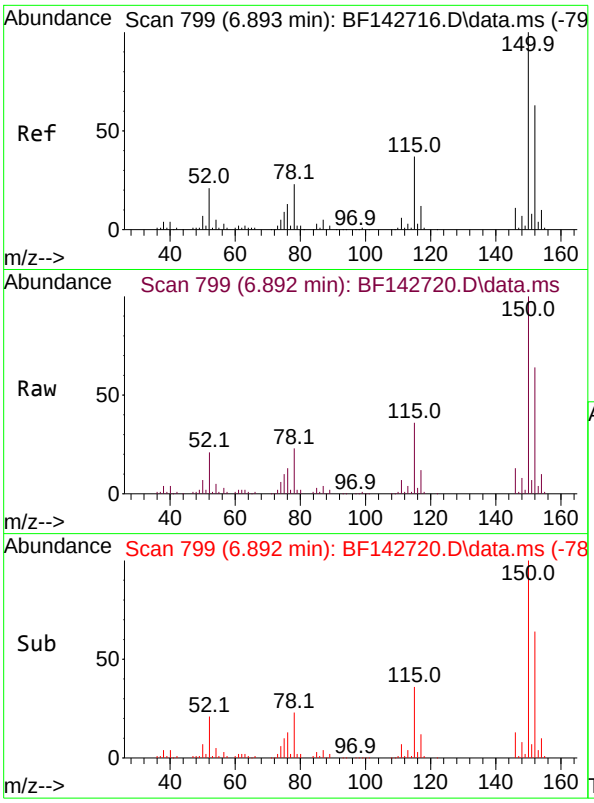
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ICVBF061125

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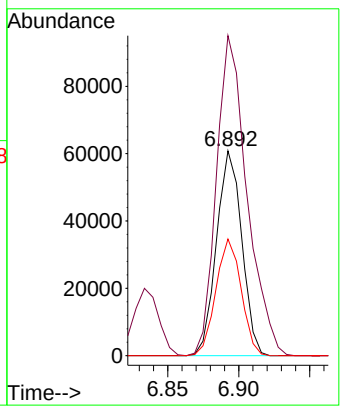


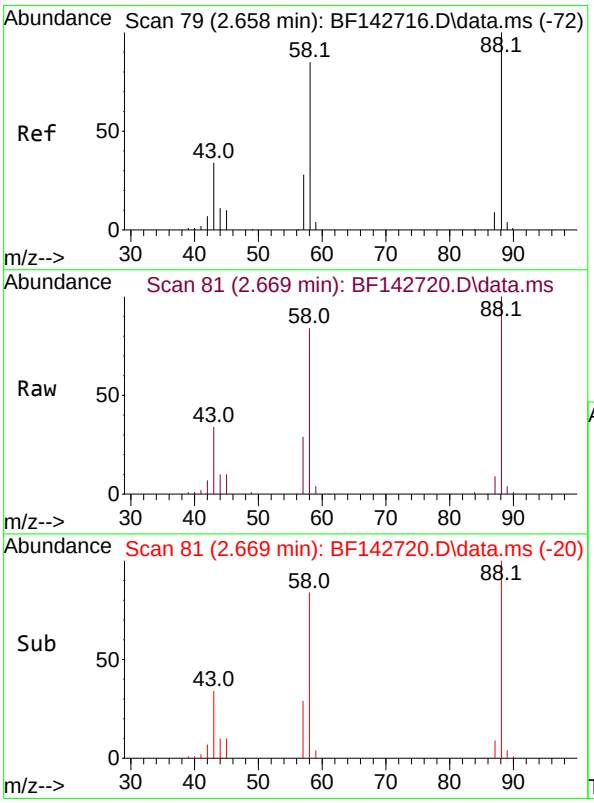
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:152 Resp: 75213

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.9	190.3
115	57.0	47.0	70.6

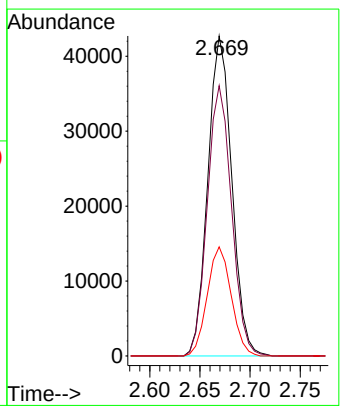


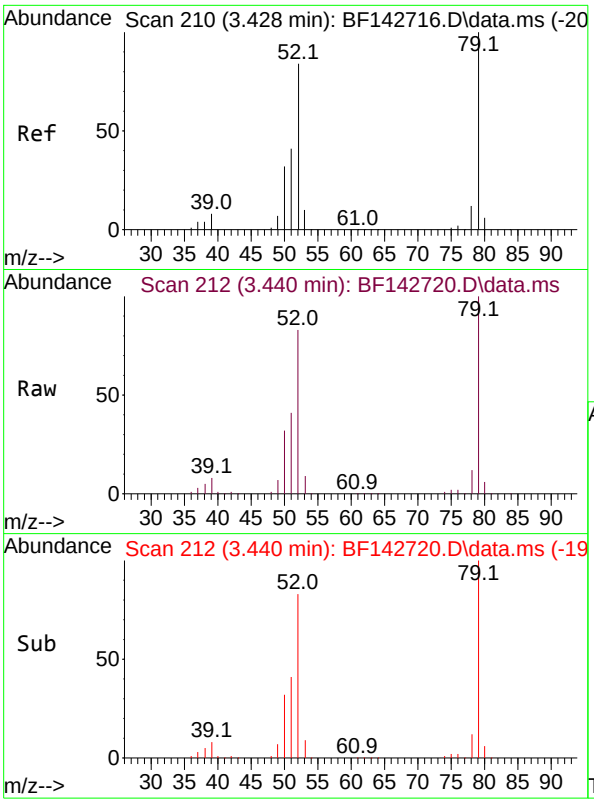


#2
1,4-Dioxane
Concen: 40.706 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 88 Resp: 71141

Ion	Ratio	Lower	Upper
88	100		
58	85.3	68.4	102.6
43	34.1	27.0	40.6



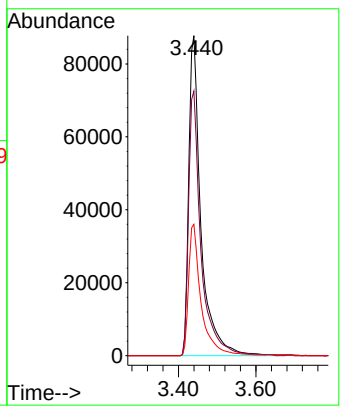


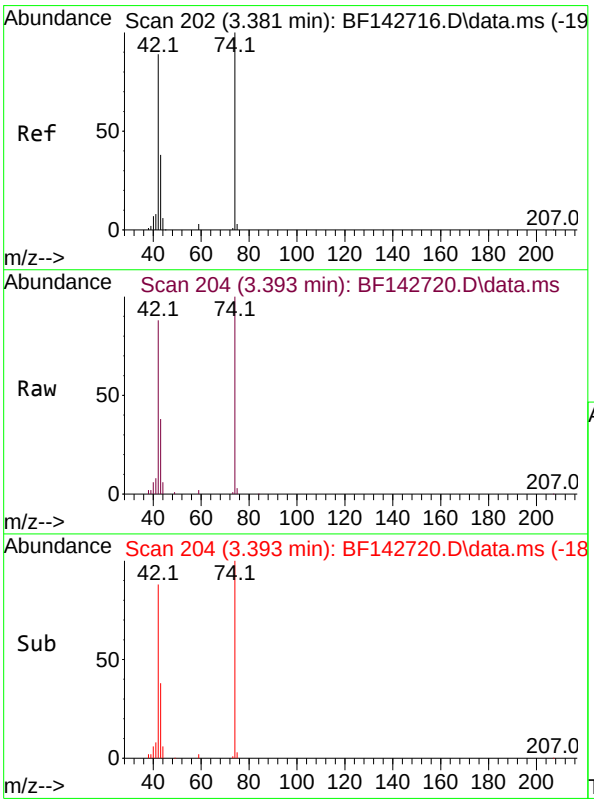
#3
Pyridine
Concen: 43.958 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 79 Resp: 192629

Ion	Ratio	Lower	Upper
79	100		
52	82.7	67.1	100.7
51	41.1	32.6	48.8

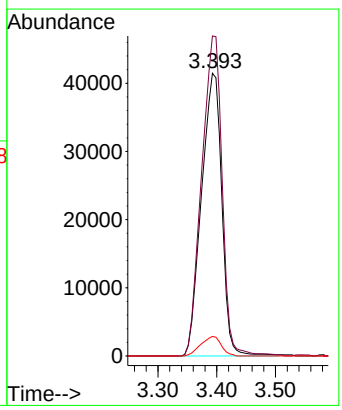


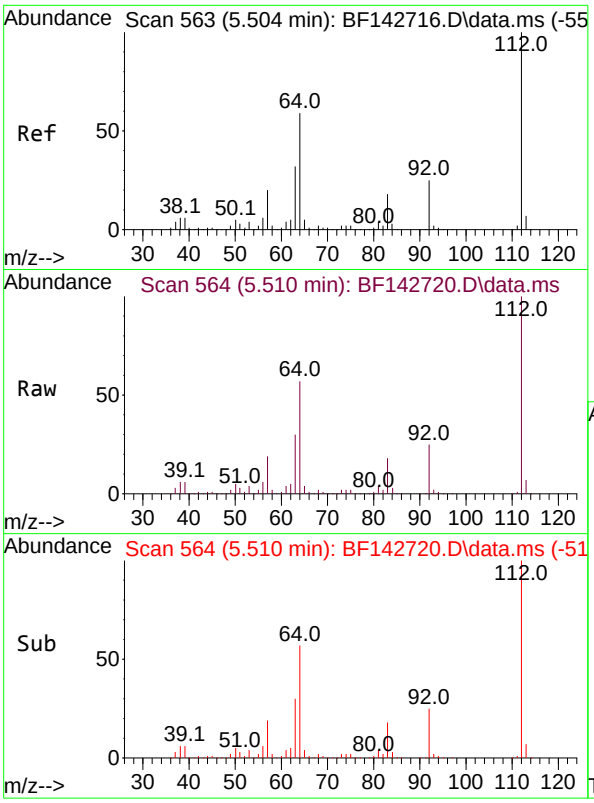


#4
n-Nitrosodimethylamine
Concen: 44.403 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 42 Resp: 99555

Ion	Ratio	Lower	Upper
42	100		
74	113.2	89.6	134.4
44	6.9	5.4	8.2



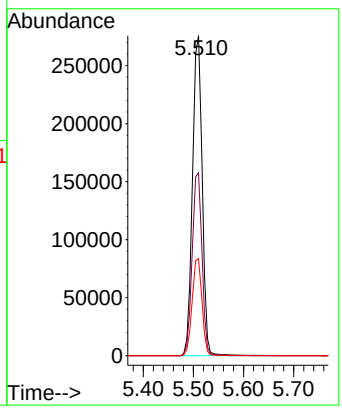


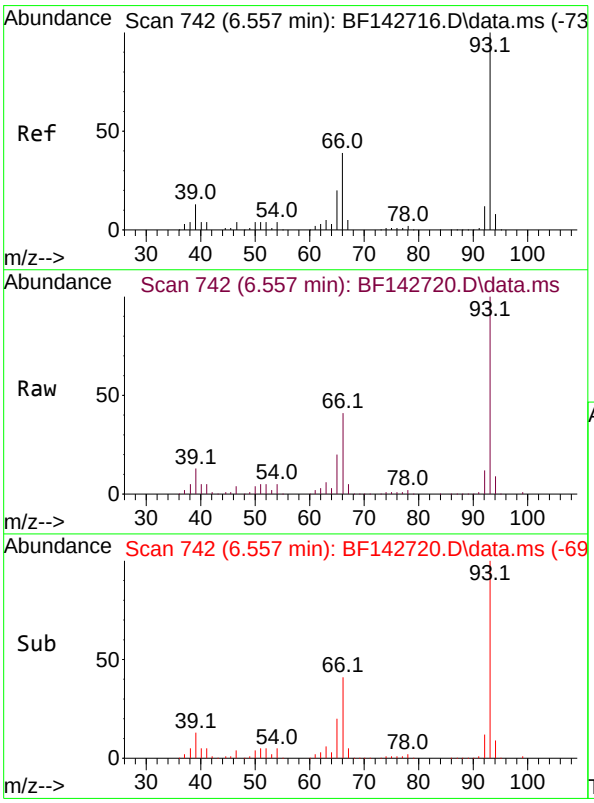
#5
2-Fluorophenol
Concen: 84.041 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:112 Resp: 371136

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.4	71.2
63	30.3	25.4	38.0

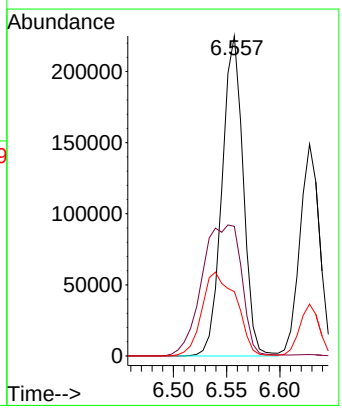


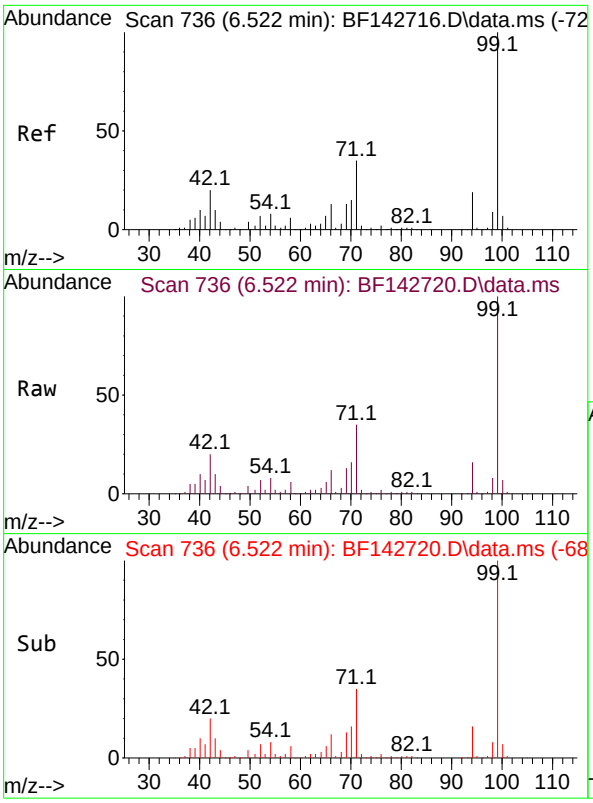


#6
Aniline
Concen: 44.644 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 93 Resp: 310539

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.0	48.0
65	20.1	16.1	24.1



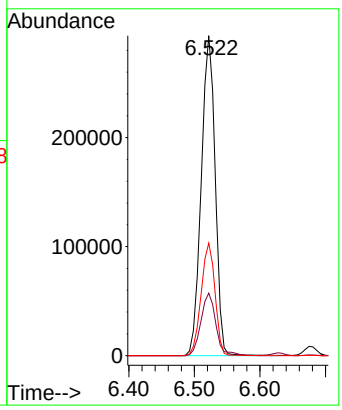


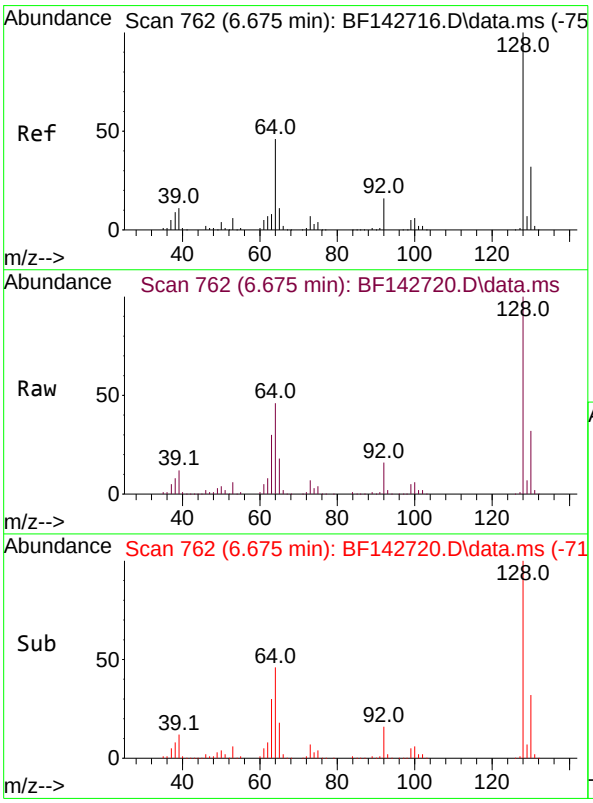
#7
Phenol-d6
Concen: 83.751 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 99 Resp: 435266

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	35.2	28.0	42.0

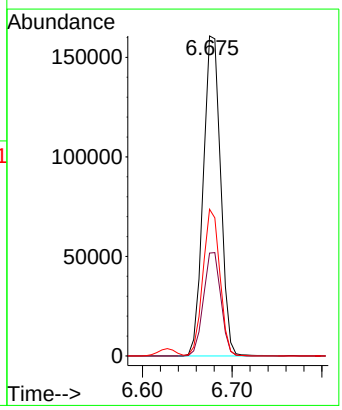


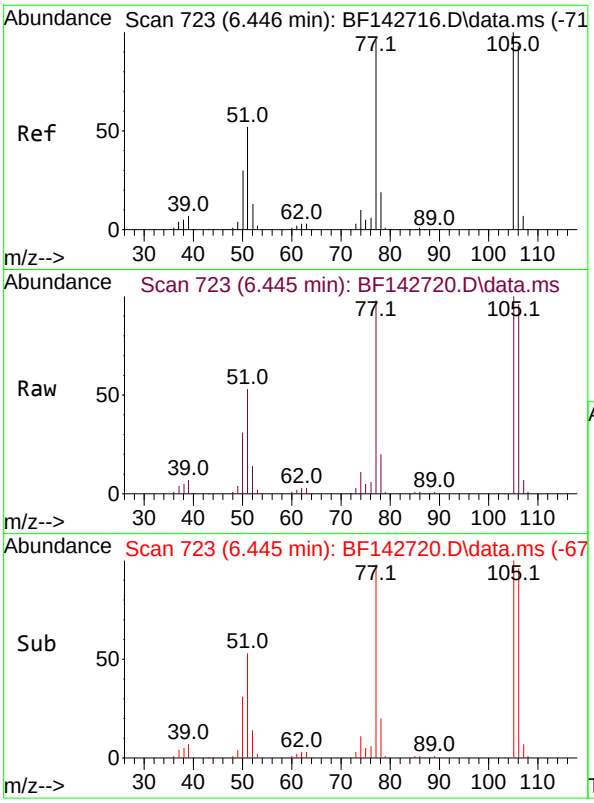


#8
2-Chlorophenol
Concen: 44.721 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:128 Resp: 215825

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.4	52.4
64	45.9	26.5	66.5



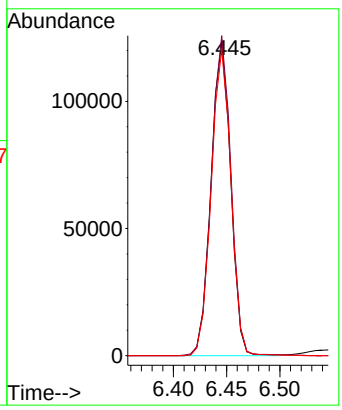


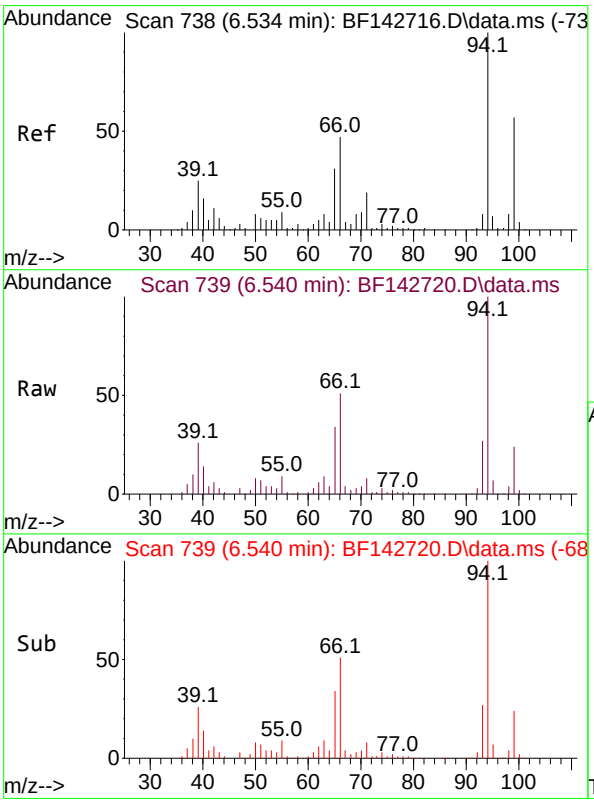
#9
Benzaldehyde
Concen: 49.036 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 77 Resp: 157818

Ion	Ratio	Lower	Upper
77	100		
105	102.3	84.1	124.1
106	97.8	77.2	117.2

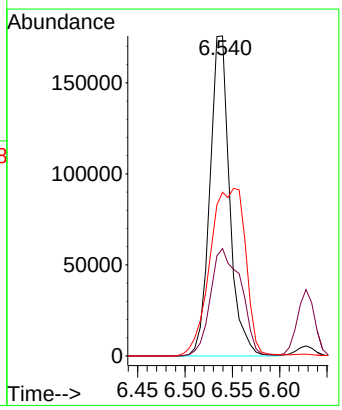


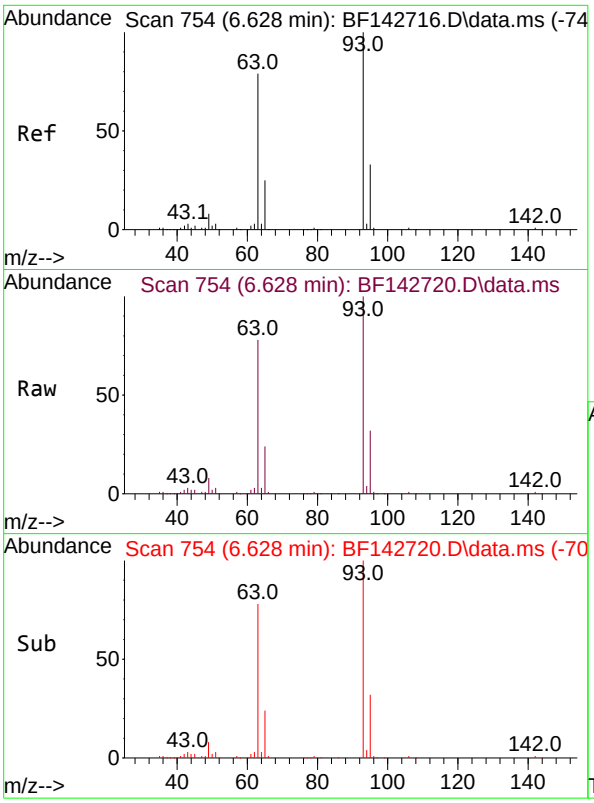


#10
Phenol
Concen: 44.263 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 94 Resp: 255700

Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.4	51.4
66	51.2	26.7	66.7



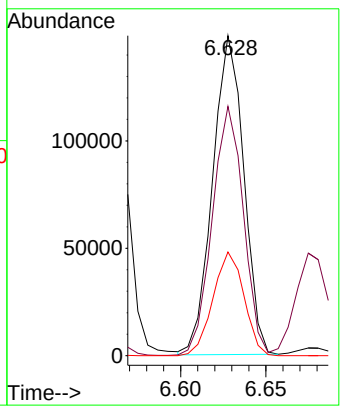


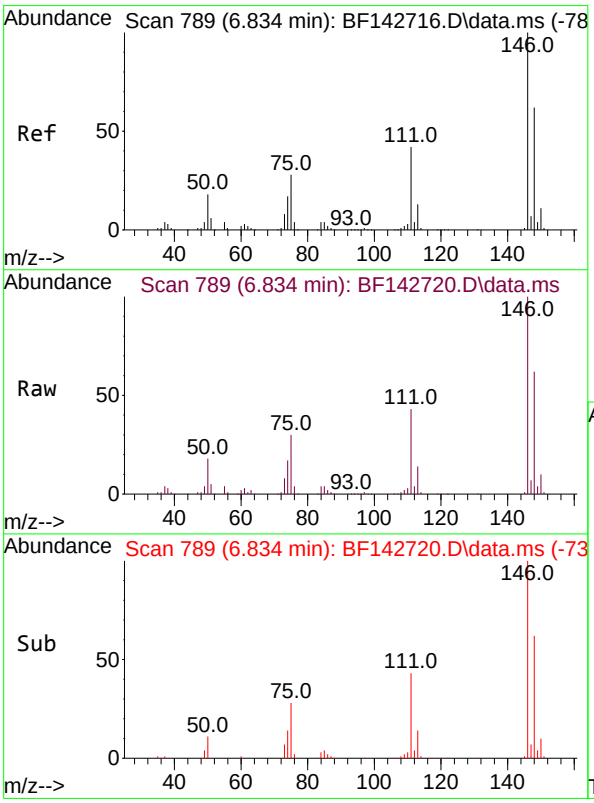
#11
bis(2-Chloroethyl)ether
Concen: 43.725 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 93 Resp: 188668

Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.3	98.3
95	32.4	13.1	53.1

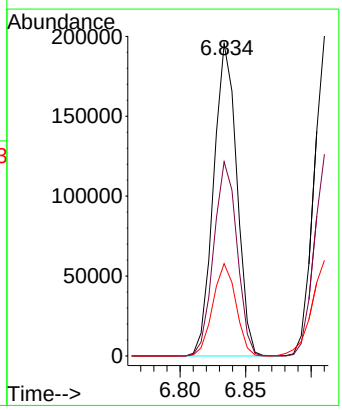


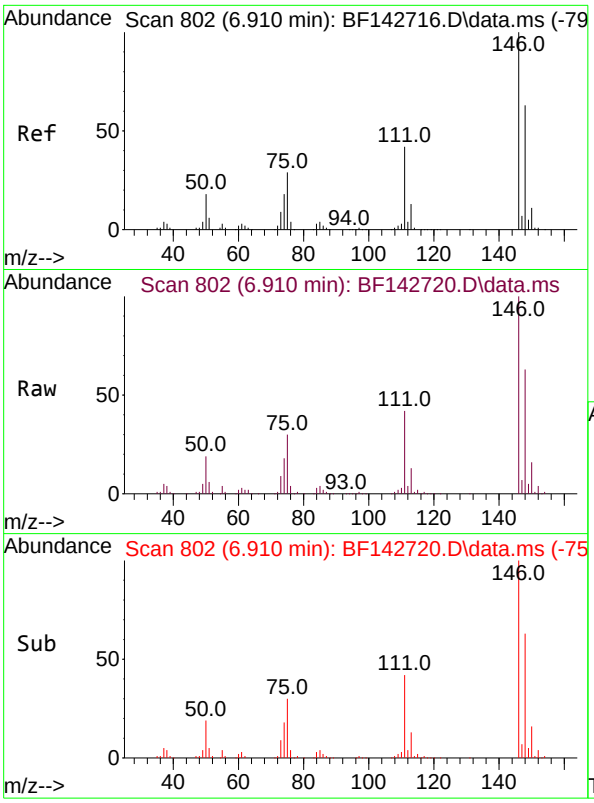


#12
1,3-Dichlorobenzene
Concen: 43.756 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:146 Resp: 240990

Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.9	74.9
75	29.5	22.6	34.0



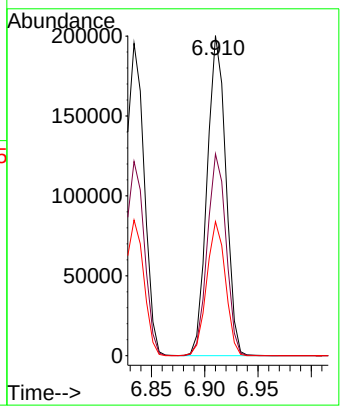


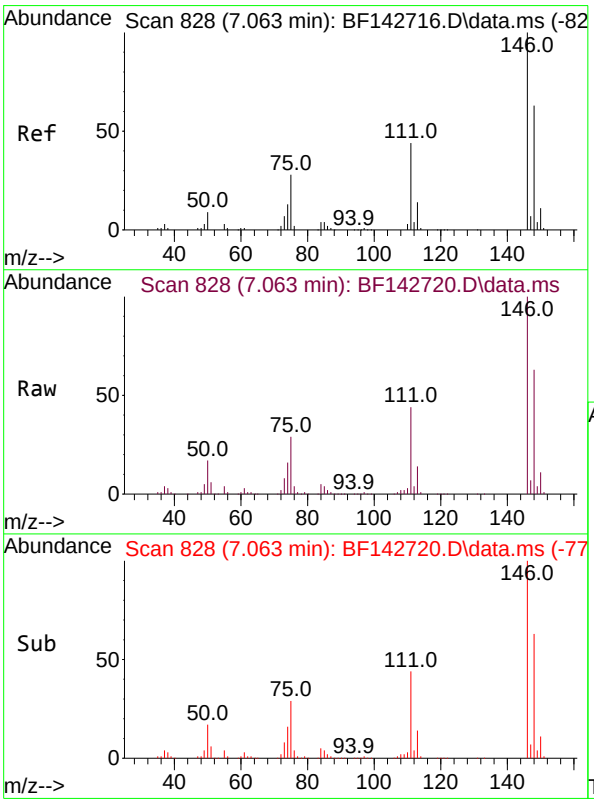
#13
1,4-Dichlorobenzene
Concen: 43.933 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:146 Resp: 244533

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.9	33.6	50.4

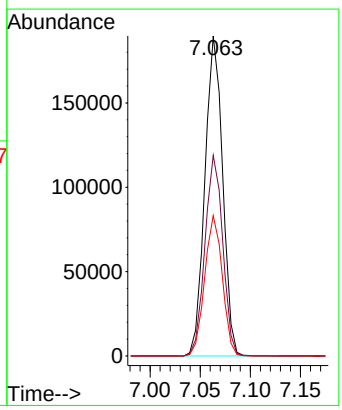


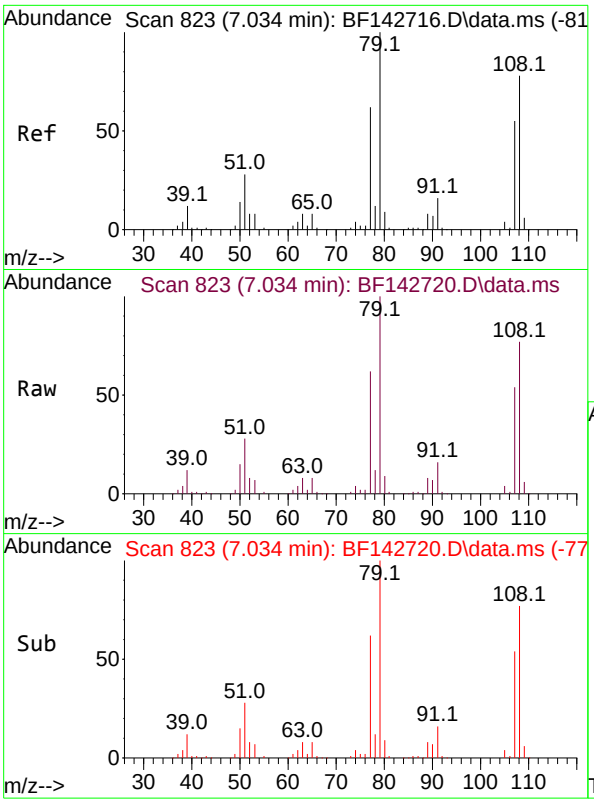


#14
1,2-Dichlorobenzene
Concen: 43.831 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:146 Resp: 233860

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	43.8	35.2	52.8



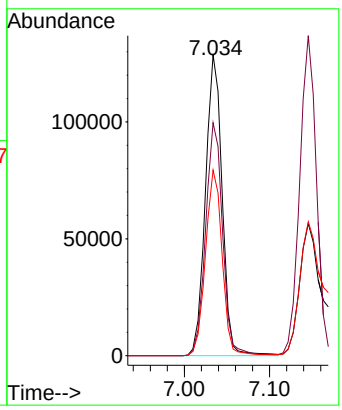


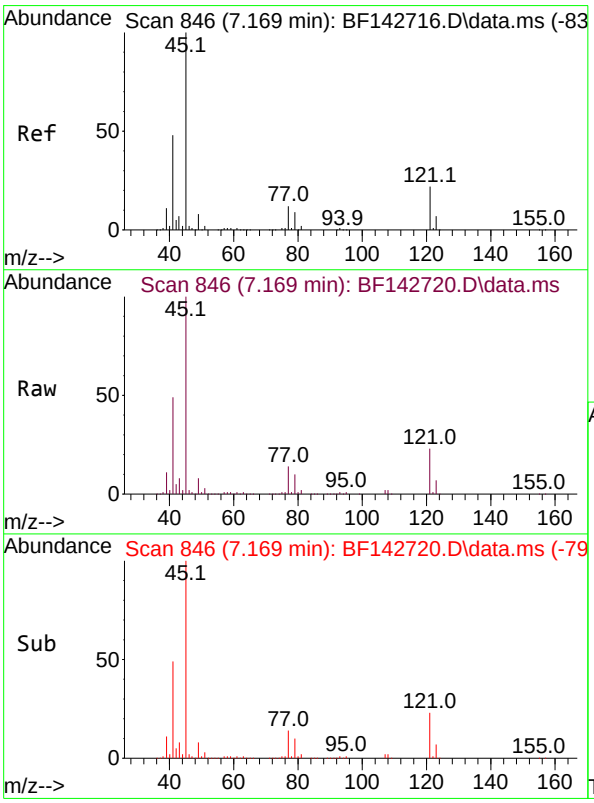
#15
Benzyl Alcohol
Concen: 44.548 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 79 Resp: 174988

Ion	Ratio	Lower	Upper
79	100		
108	77.4	62.6	94.0
77	61.7	49.8	74.8

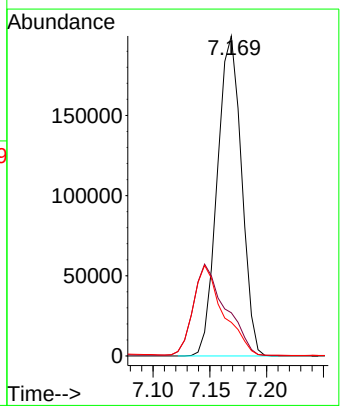


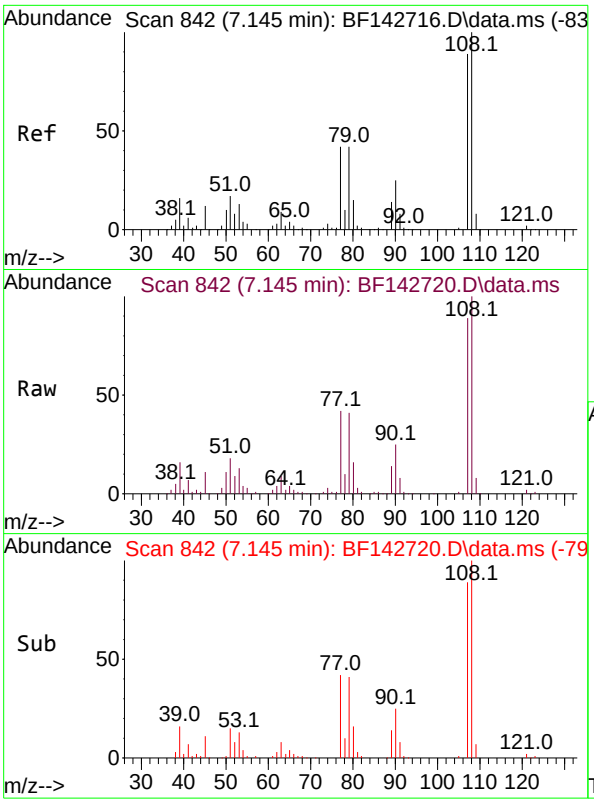


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.622 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 45 Resp: 296349

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.1
79	10.5	0.0	30.5



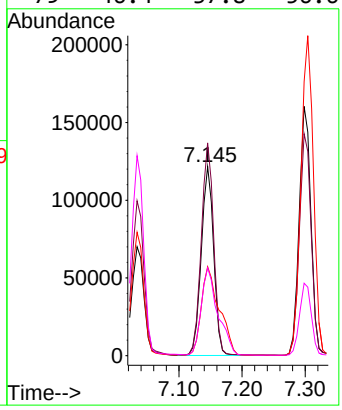


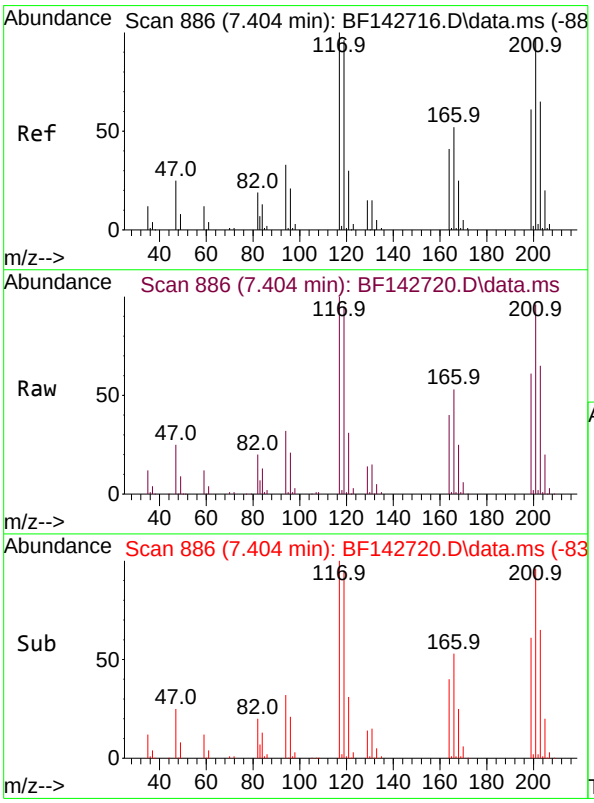
#17
2-Methylphenol
Concen: 44.868 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:107 Resp: 165998

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	47.0	38.2	57.2
79	46.4	37.8	56.6

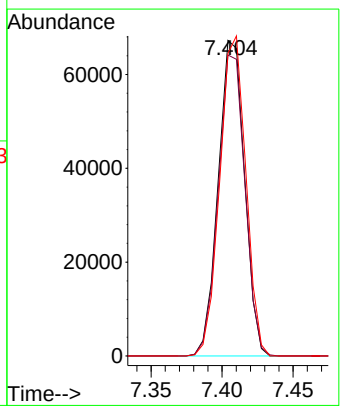


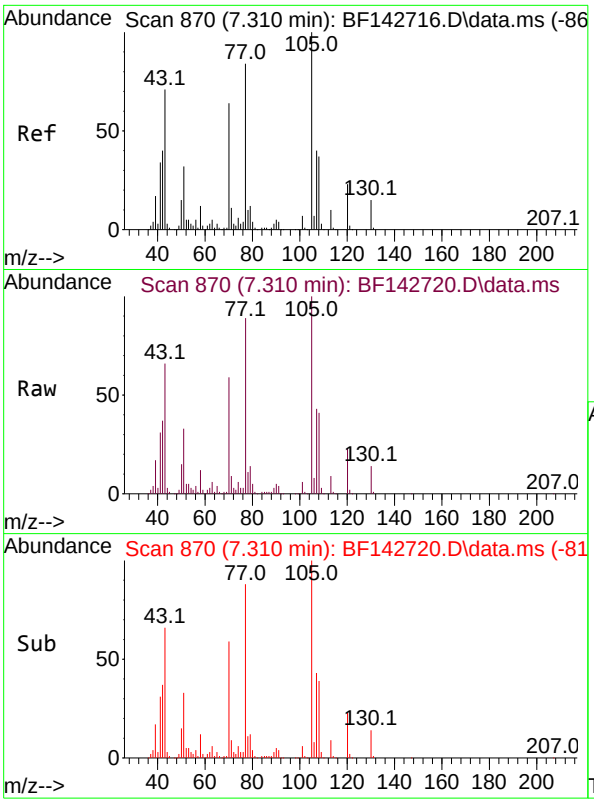


#18
Hexachloroethane
Concen: 43.420 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:117 Resp: 86610

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.4	114.6
201	95.9	77.8	116.6



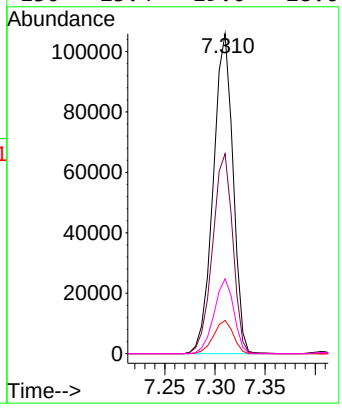


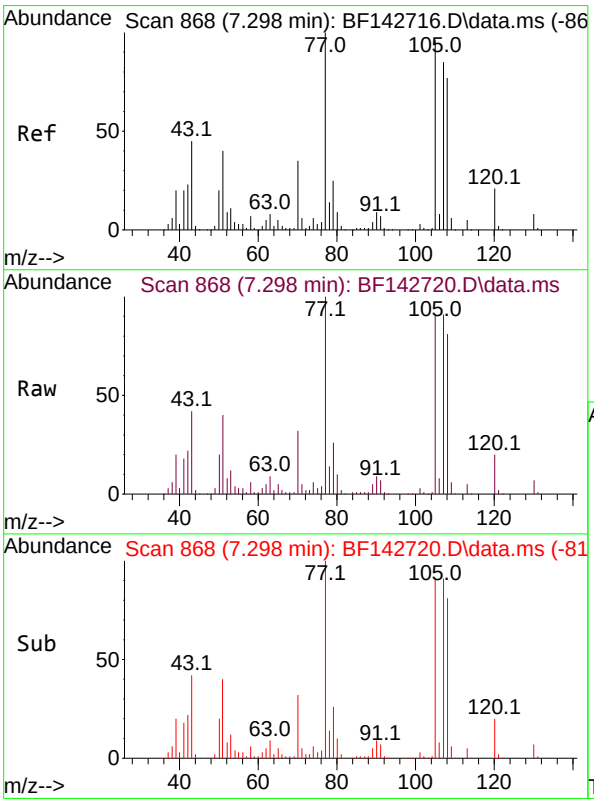
#19
n-Nitroso-di-n-propylamine
Concen: 43.882 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 70 Resp: 145187

Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	10.4	8.3	12.5
130	23.4	19.0	28.6

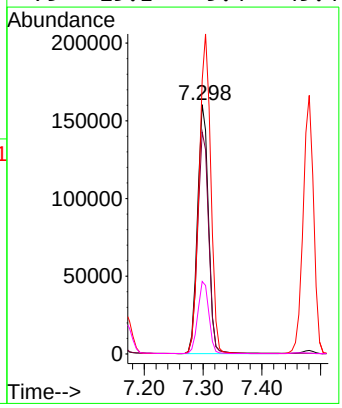


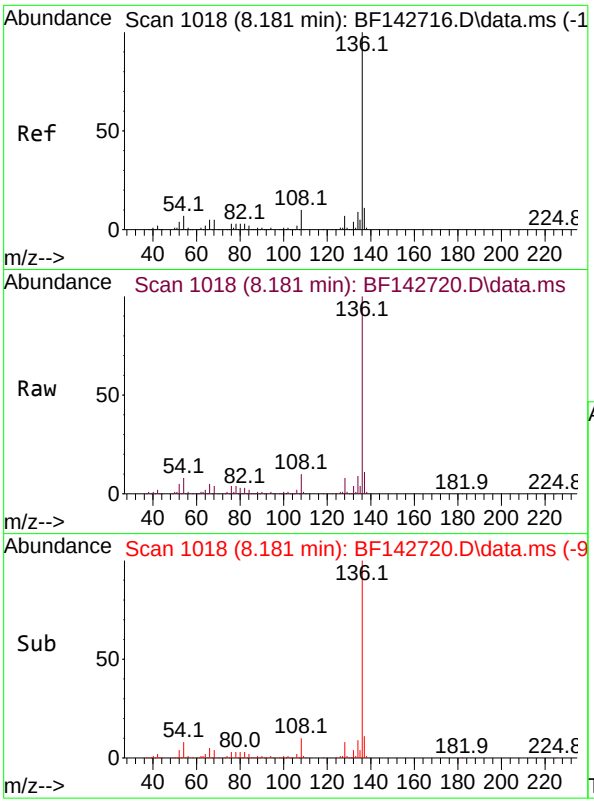


#20
3+4-Methylphenols
Concen: 44.648 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:107 Resp: 208250

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	109.9	97.4	137.4
79	29.1	9.4	49.4



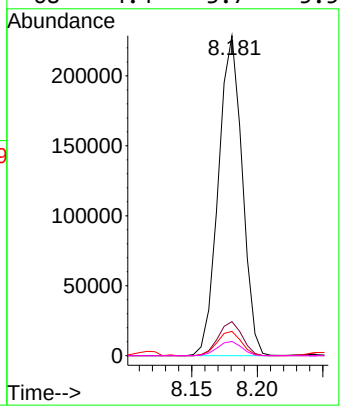


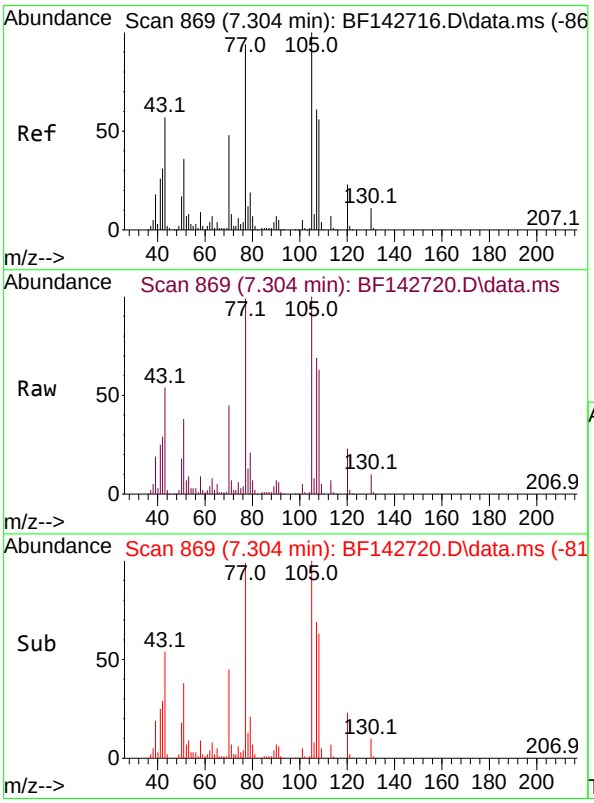
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:136 Resp: 288852

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.6	5.9	8.9
68	4.4	3.7	5.5

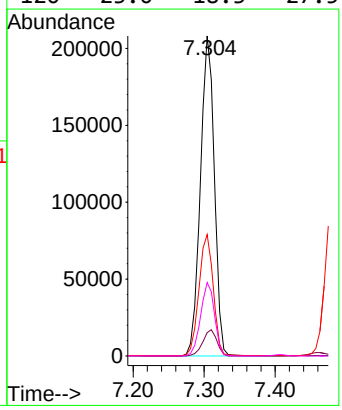


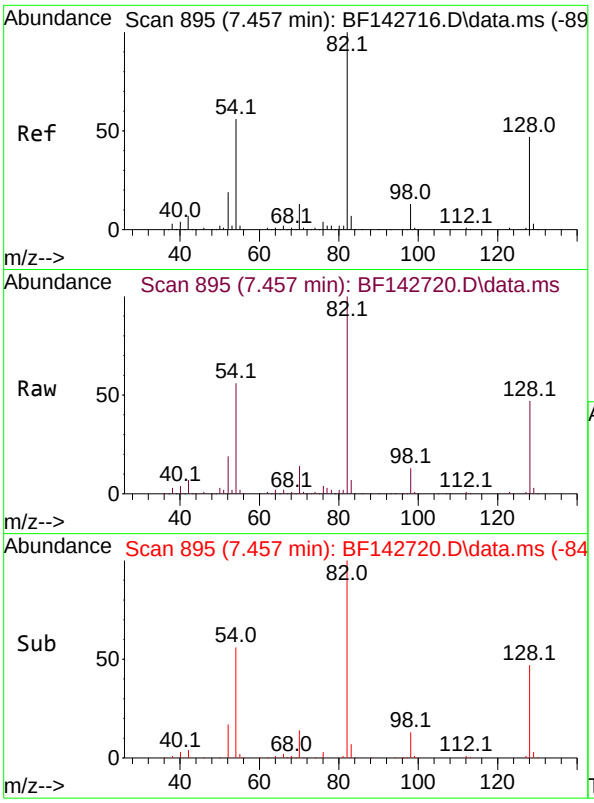


#22
Acetophenone
Concen: 44.413 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:105 Resp: 285370

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.4	9.6
51	38.0	29.1	43.7
120	23.0	18.3	27.5



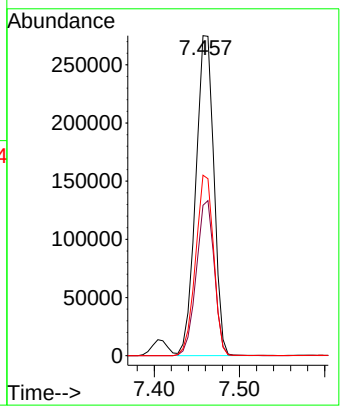


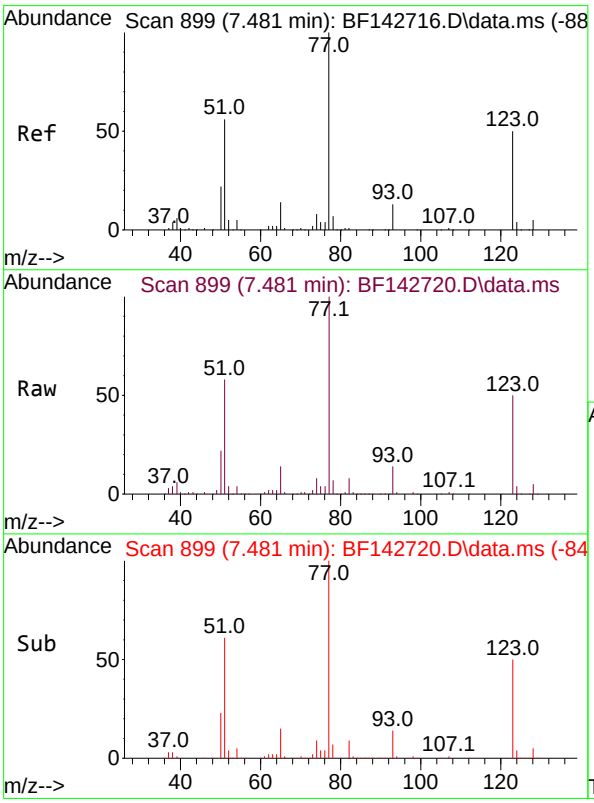
#23
Nitrobenzene-d5
Concen: 76.808 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 82 Resp: 405391

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	56.4	44.9	67.3

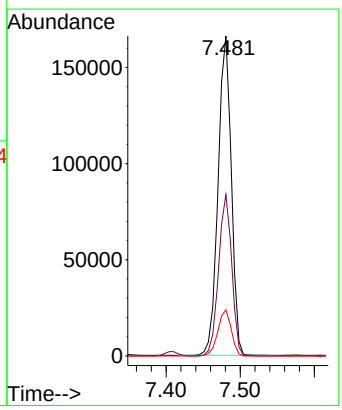


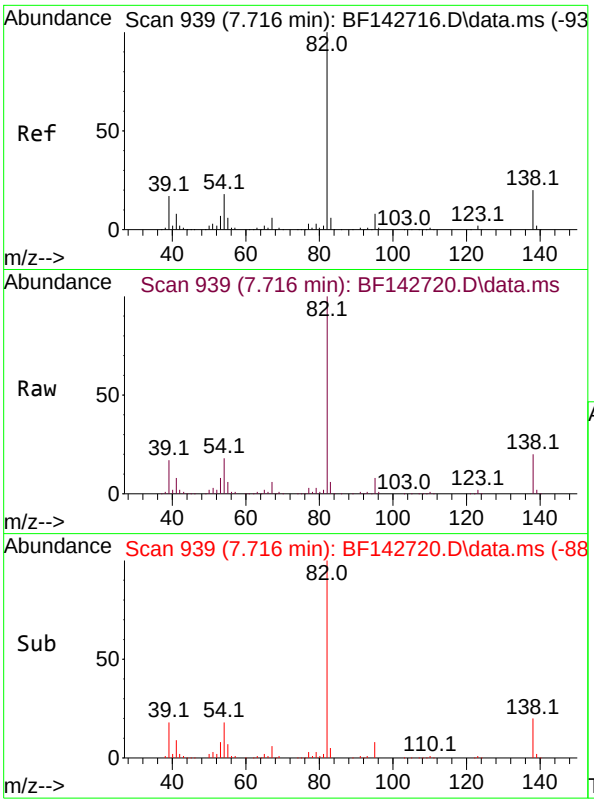


#24
Nitrobenzene
Concen: 43.992 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 77 Resp: 206076

Ion	Ratio	Lower	Upper
77	100		
123	50.4	40.8	61.2
65	14.4	11.5	17.3



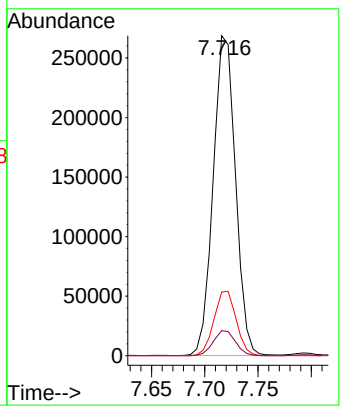


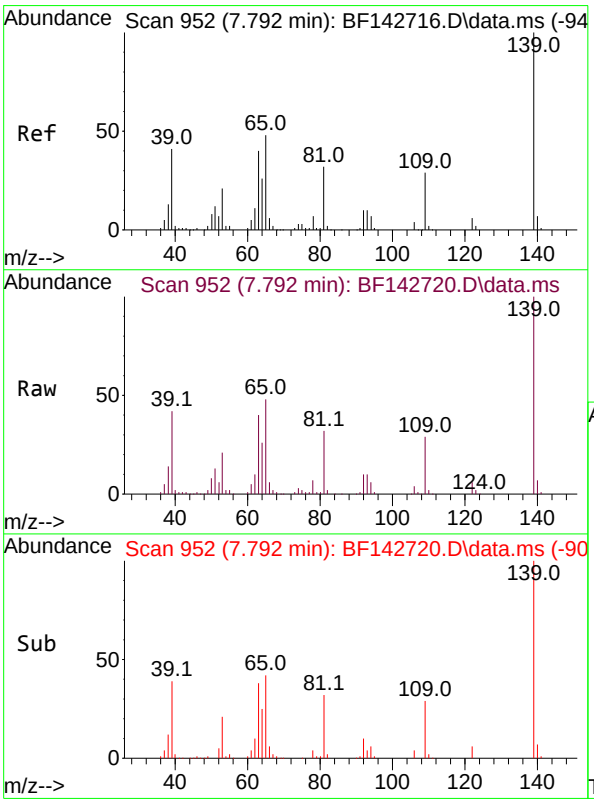
#25
Isophorone
Concen: 43.695 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 82 Resp: 390476

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	19.9	15.8	23.6

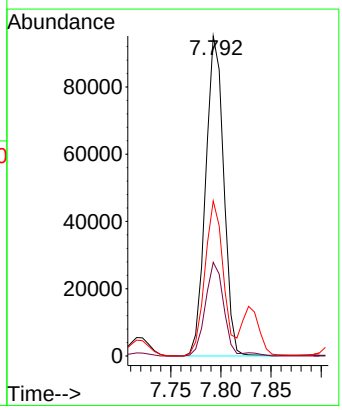


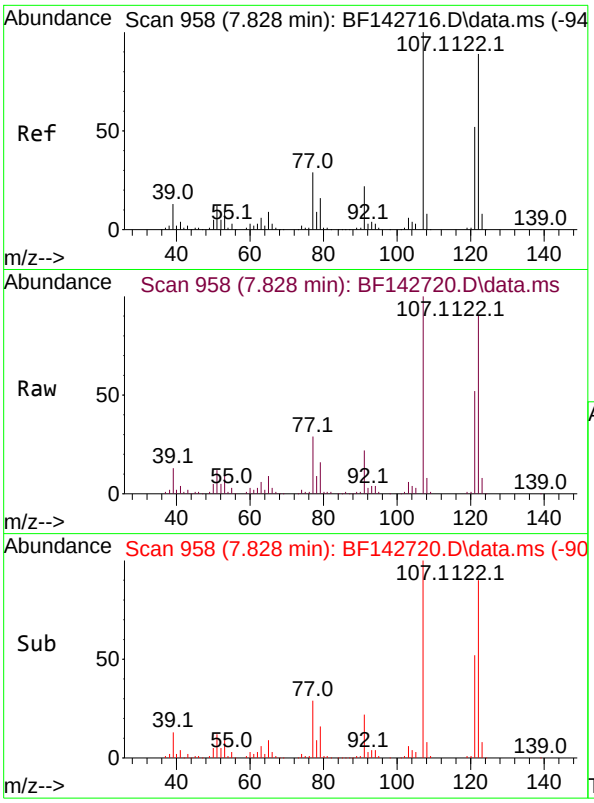


#26
2-Nitrophenol
Concen: 45.726 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:139 Resp: 119541

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.2
65	48.5	38.7	58.1



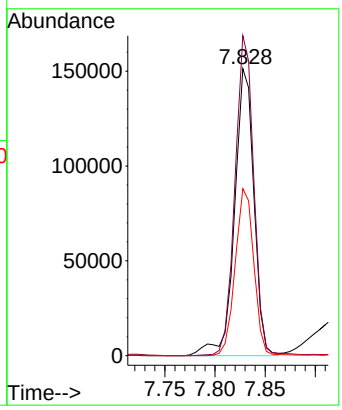


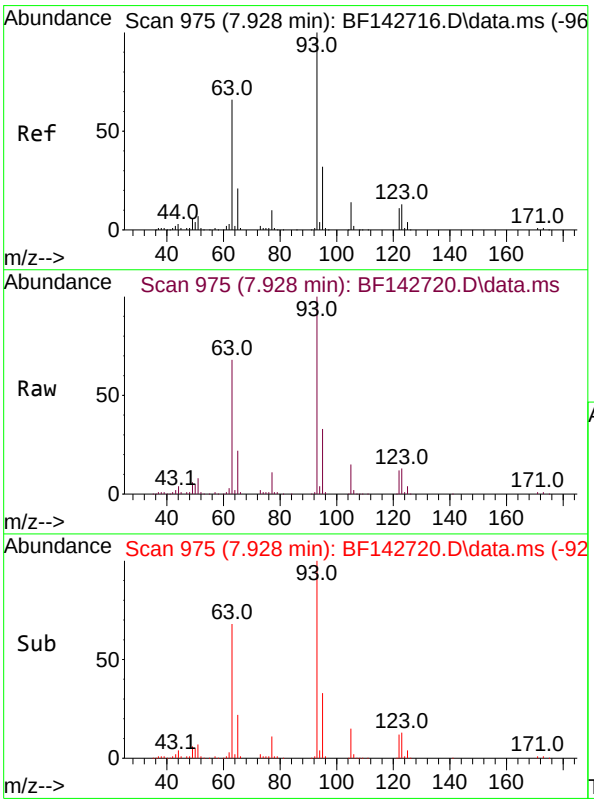
#27
2,4-Dimethylphenol
Concen: 45.831 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:122 Resp: 203996

Ion	Ratio	Lower	Upper
122	100		
107	111.5	90.4	135.6
121	58.2	46.9	70.3

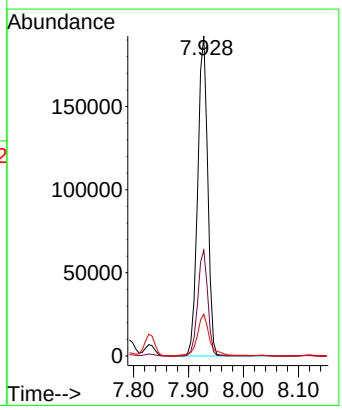


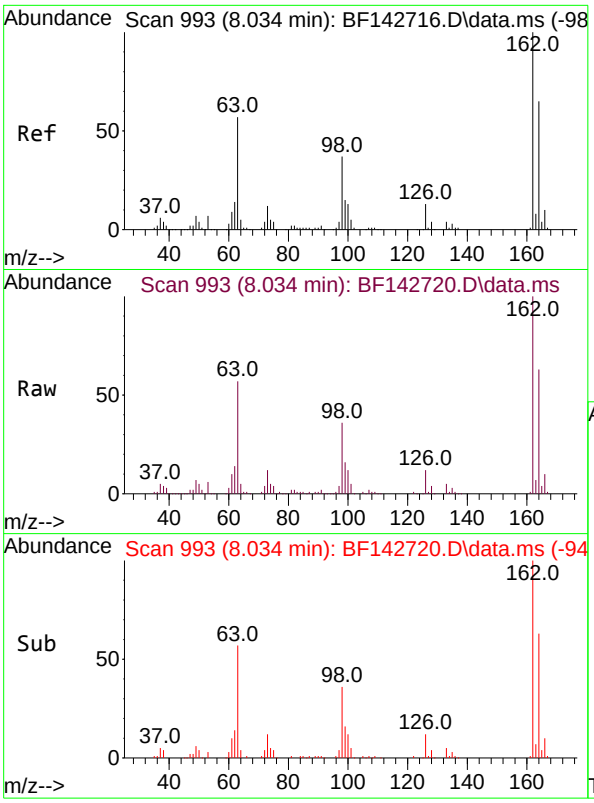


#28
bis(2-Chloroethoxy)methane
Concen: 44.101 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 93 Resp: 244684

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.9	38.9
123	13.0	10.3	15.5



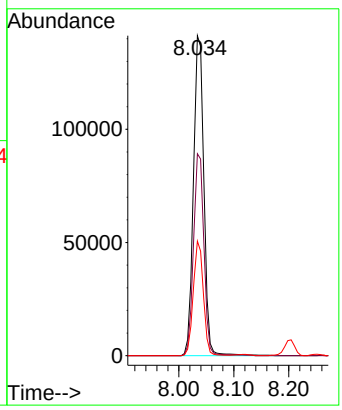


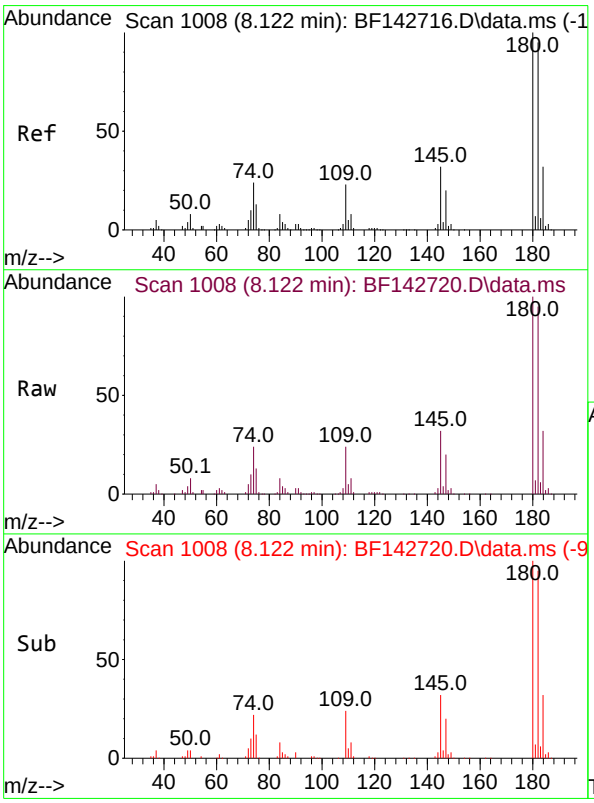
#29
2,4-Dichlorophenol
Concen: 45.296 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:162 Resp: 186060

Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.1	85.1
98	35.8	16.7	56.7

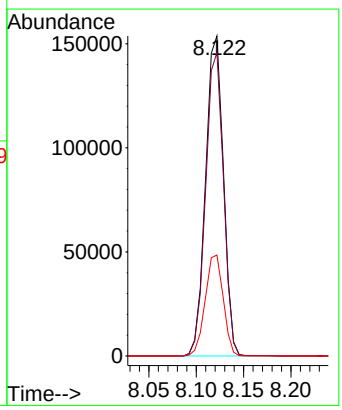


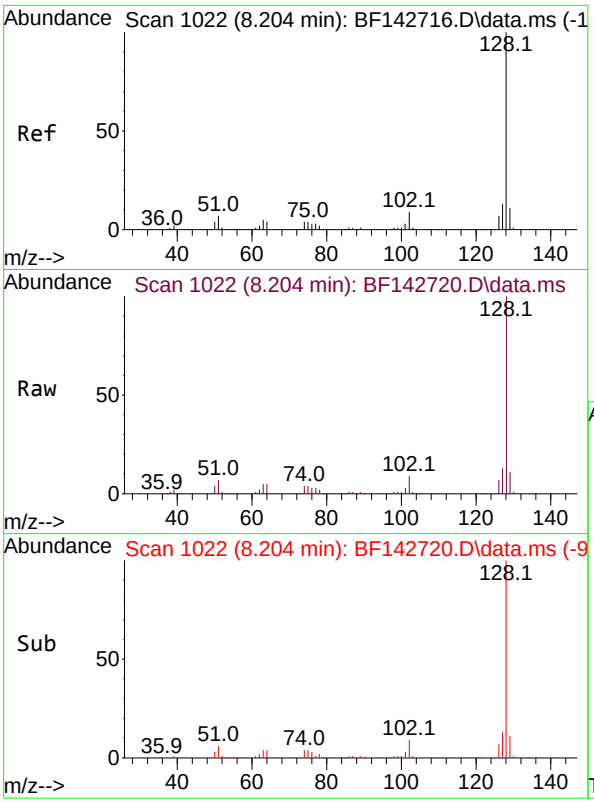


#30
1,2,4-Trichlorobenzene
Concen: 44.466 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:180 Resp: 201833

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.9	113.9
145	31.6	25.7	38.5



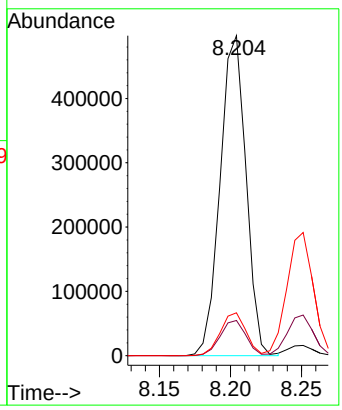


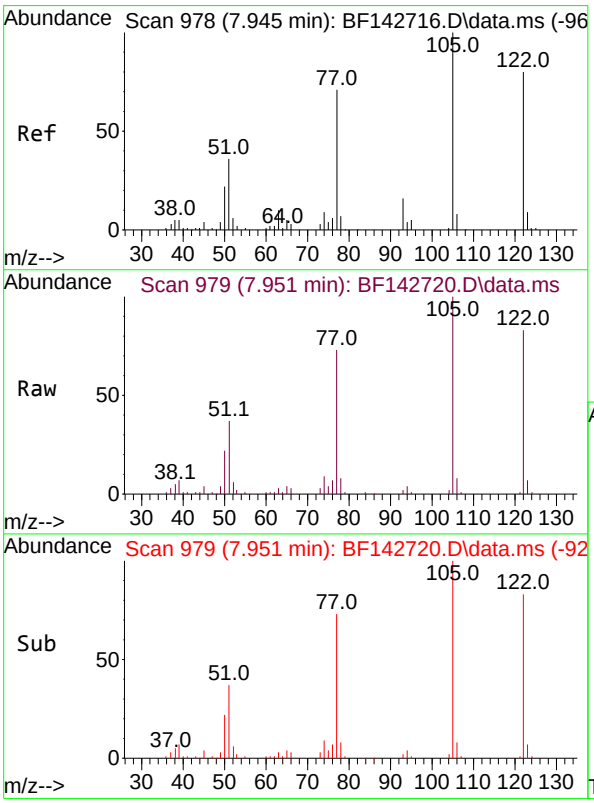
#31
Naphthalene
Concen: 44.151 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:128 Resp: 630716

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.4	15.6

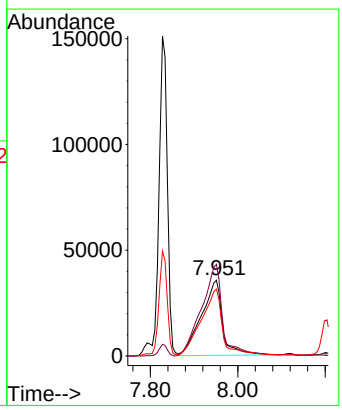


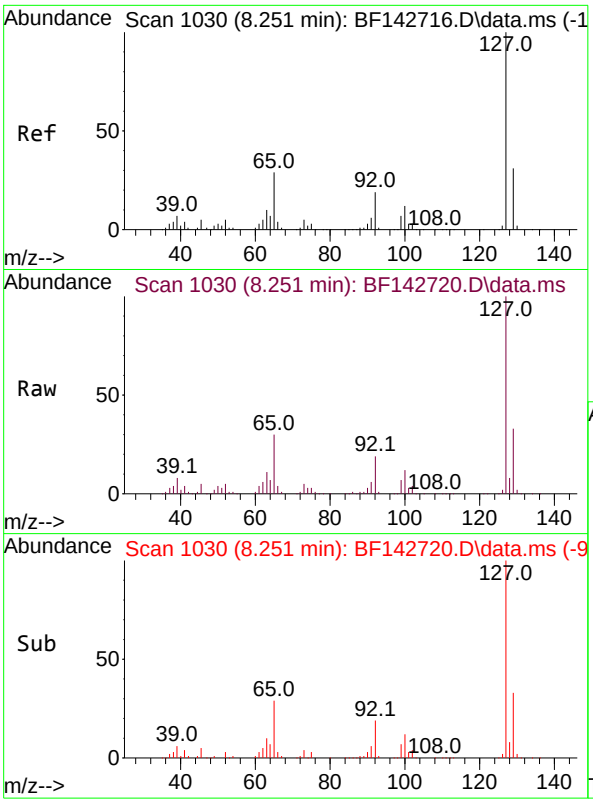


#32
Benzoic acid
Concen: 47.951 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:122 Resp: 120199

Ion	Ratio	Lower	Upper
122	100		
105	120.9	102.6	142.6
77	88.4	68.2	108.2



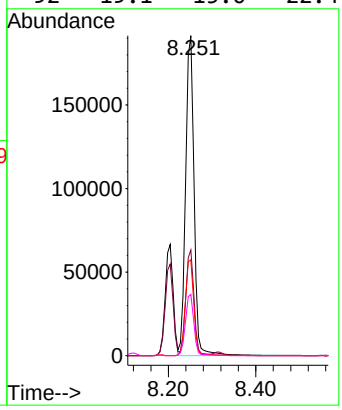


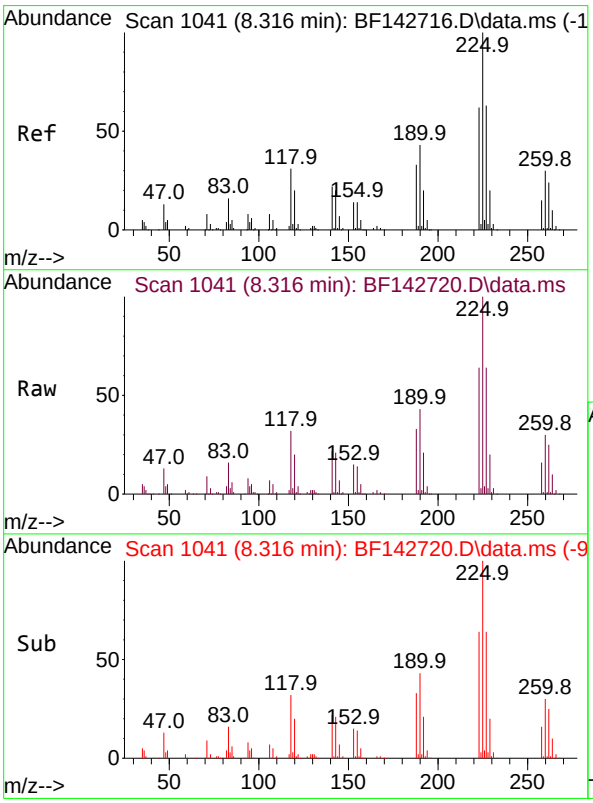
#33
4-Chloroaniline
Concen: 44.530 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:127 Resp: 255412

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.6	38.4
65	29.9	23.0	34.4
92	19.1	15.0	22.4

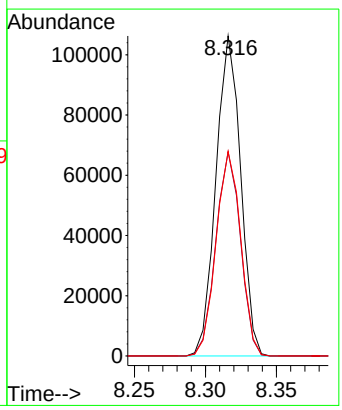


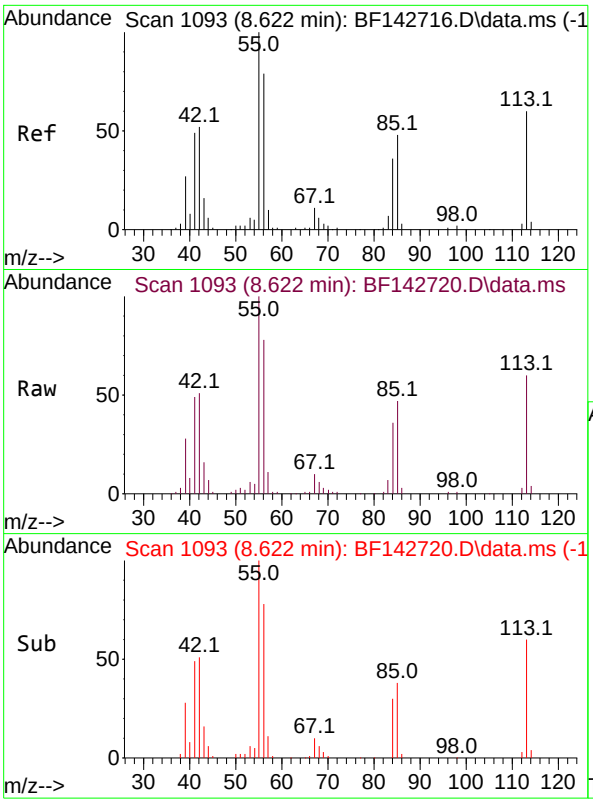


#34
Hexachlorobutadiene
Concen: 44.378 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:225 Resp: 128362

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.3	73.9
227	63.9	50.6	75.8



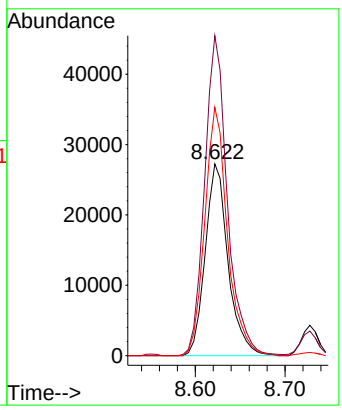


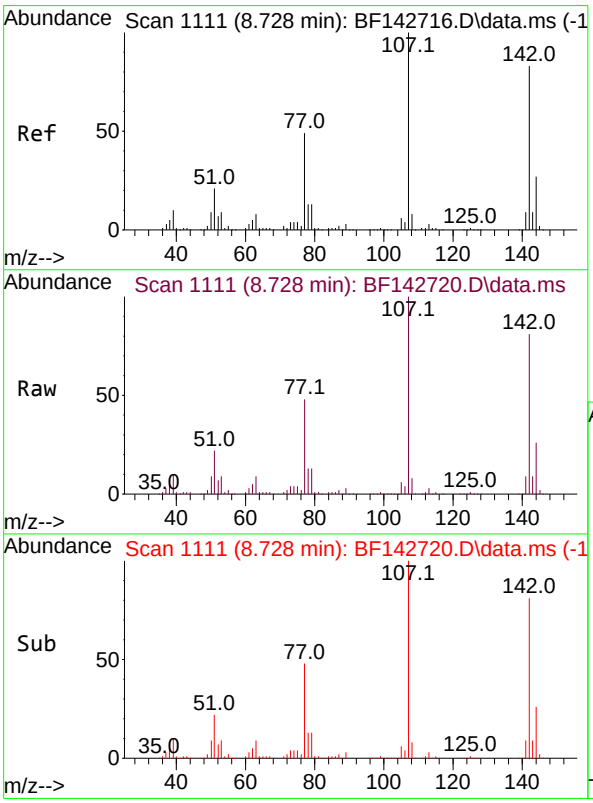
#35
Caprolactam
Concen: 43.345 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:113 Resp: 48061

Ion	Ratio	Lower	Upper
113	100		
55	166.8	147.9	187.9
56	129.5	111.9	151.9

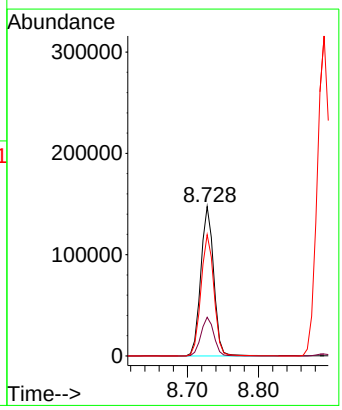


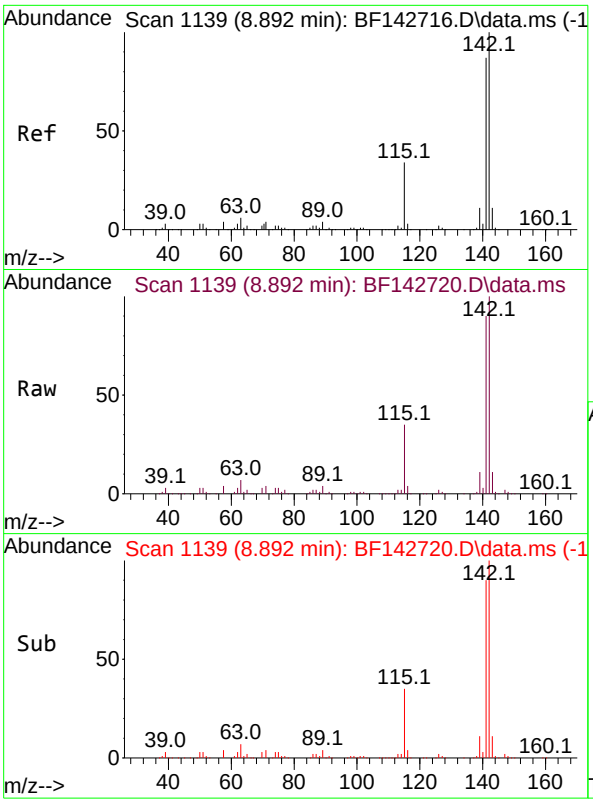


#36
4-Chloro-3-methylphenol
Concen: 43.991 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:107 Resp: 187896

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.3	31.9
142	81.2	66.2	99.2



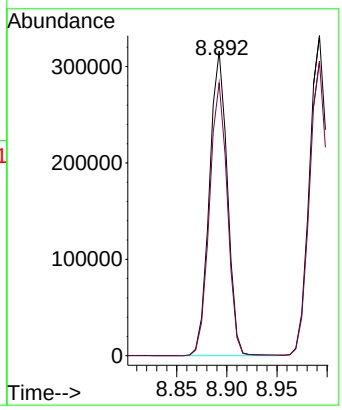


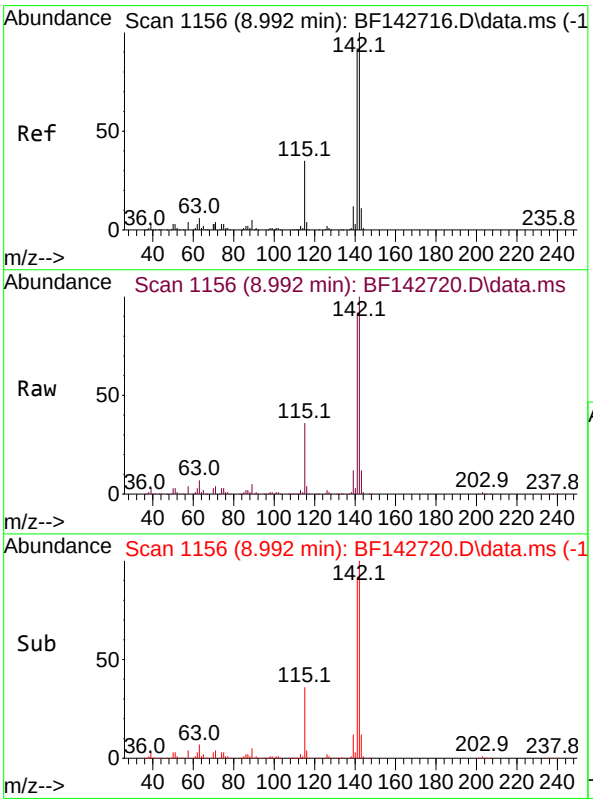
#37
2-Methylnaphthalene
Concen: 43.503 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:142 Resp: 393355

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.9	104.9

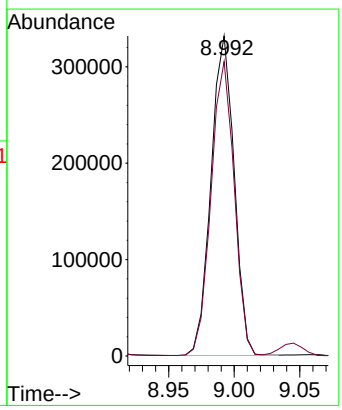


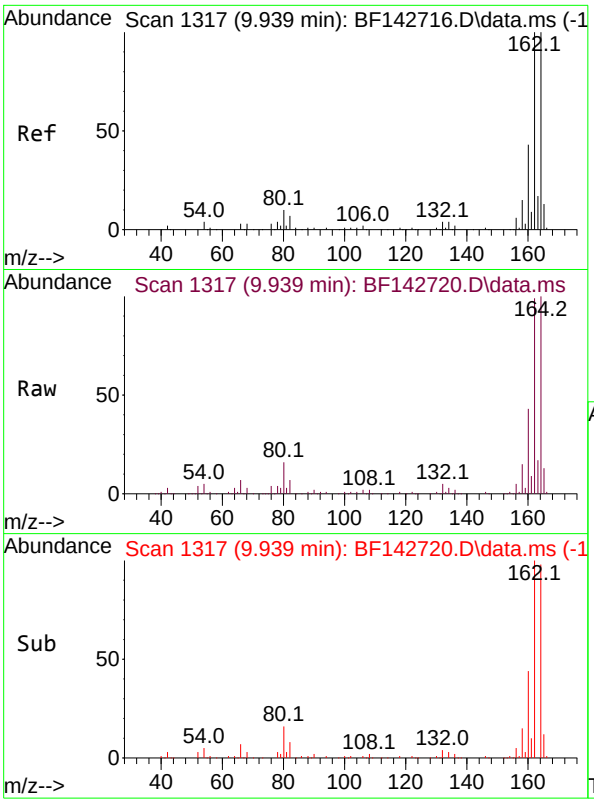


#38
1-Methylnaphthalene
Concen: 43.455 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:142 Resp: 407036

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3



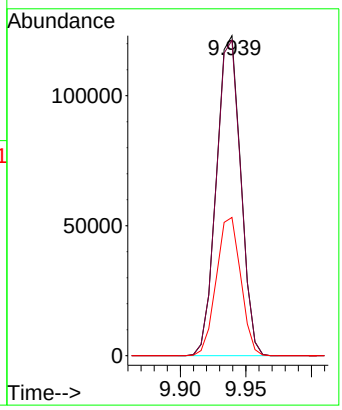


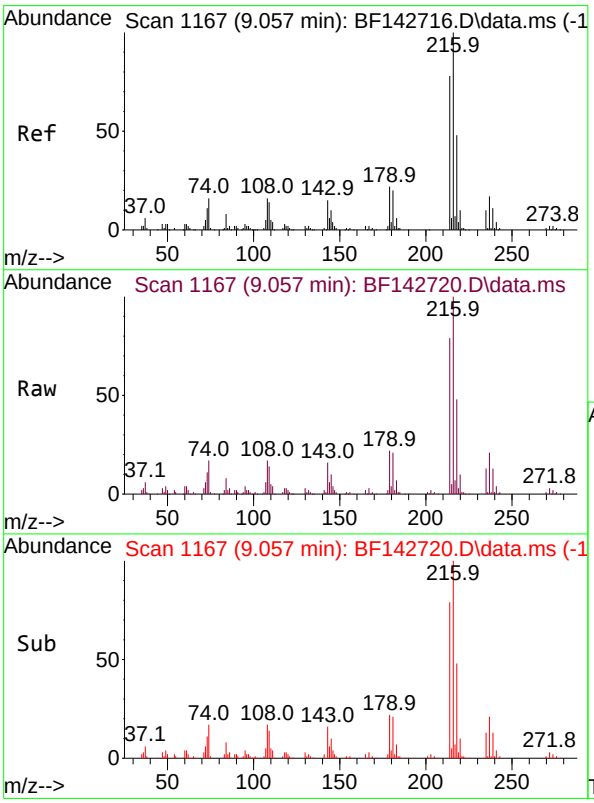
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:164 Resp: 158667

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	43.2	34.8	52.2

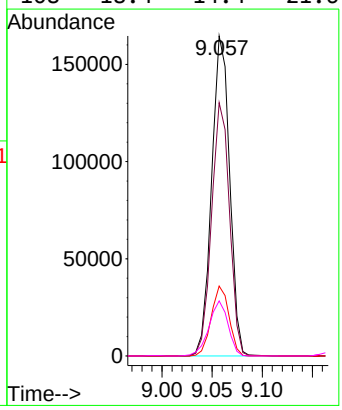


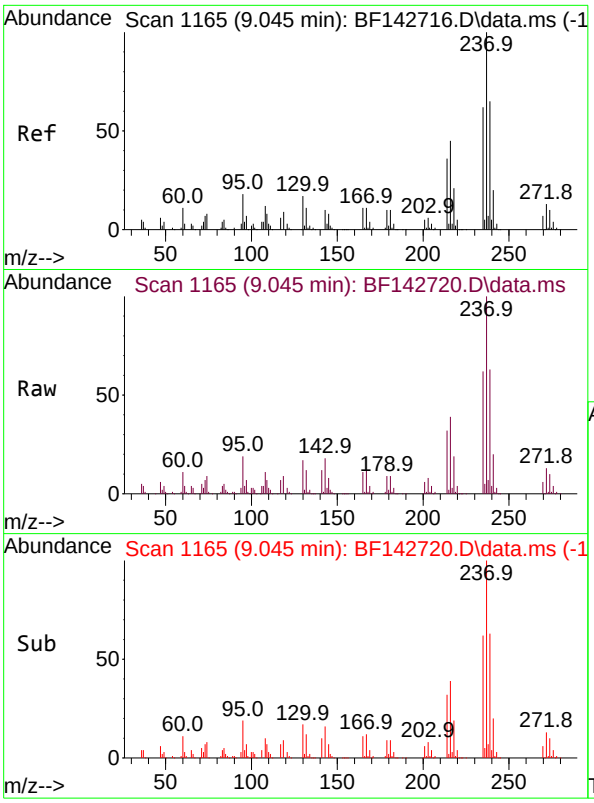


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.649 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:216 Resp: 205039

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	94.0
179	21.6	17.1	25.7
108	18.4	14.4	21.6



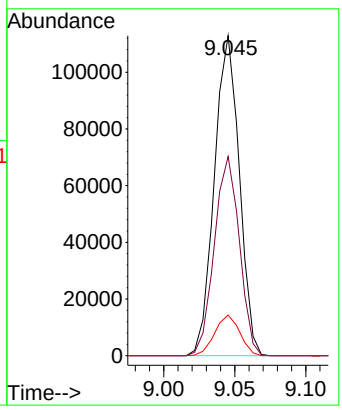


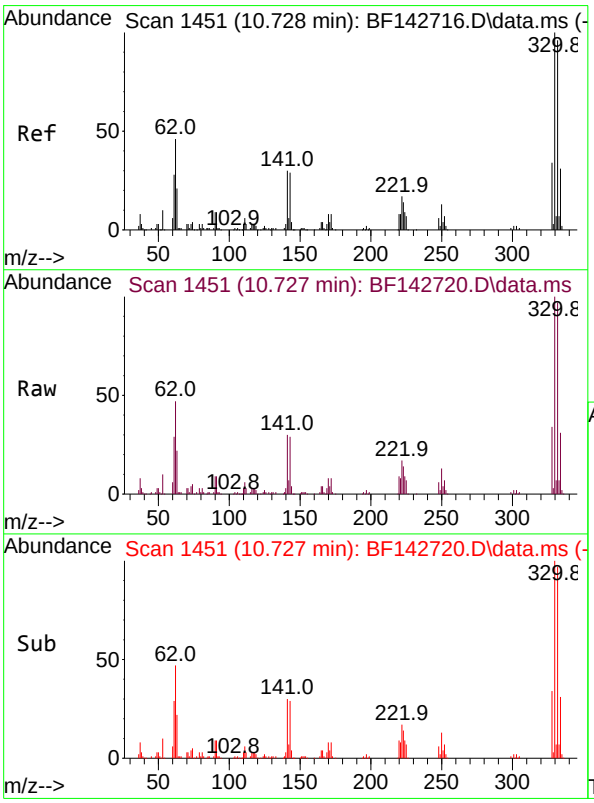
#41
Hexachlorocyclopentadiene
Concen: 46.731 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:237 Resp: 137738

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.9	81.9
272	12.7	0.0	32.5

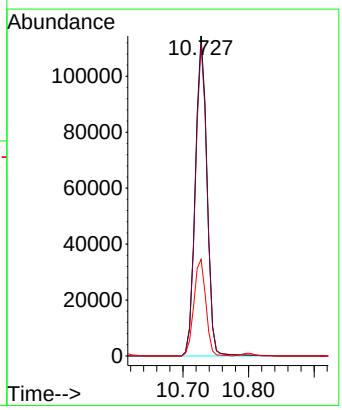


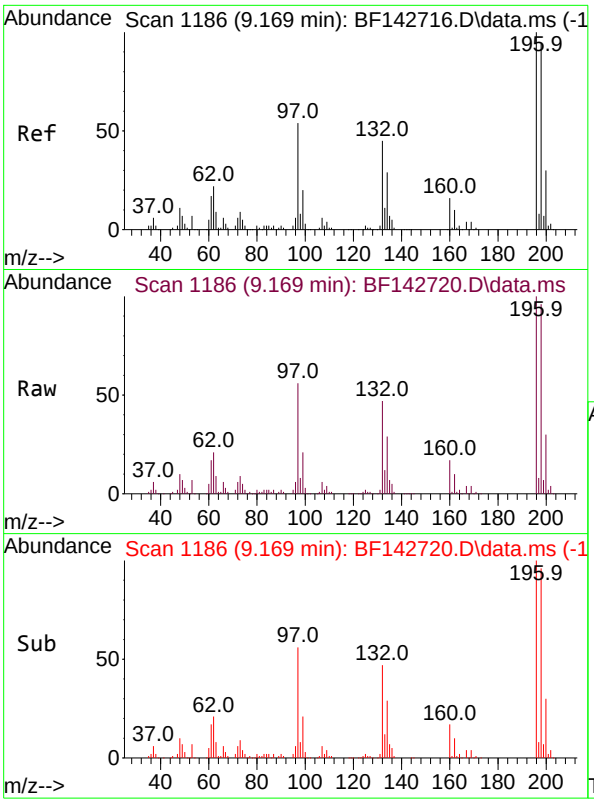


#42
2,4,6-Tribromophenol
Concen: 81.692 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:330 Resp: 142060

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	30.8	25.4	38.0



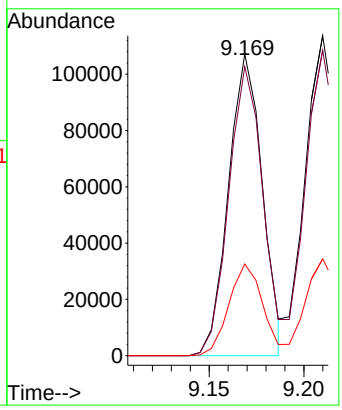


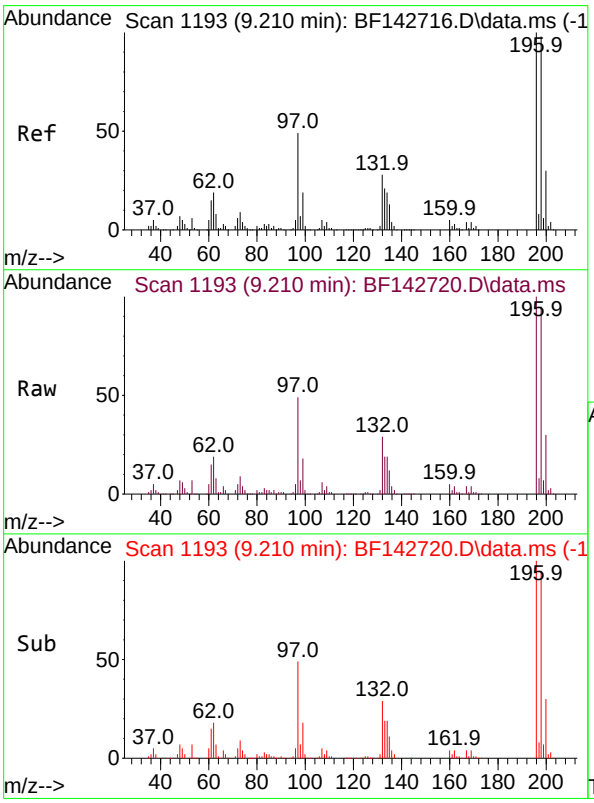
#43
2,4,6-Trichlorophenol
Concen: 44.714 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:196 Resp: 132920

Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.5	113.3
200	30.4	23.8	35.8

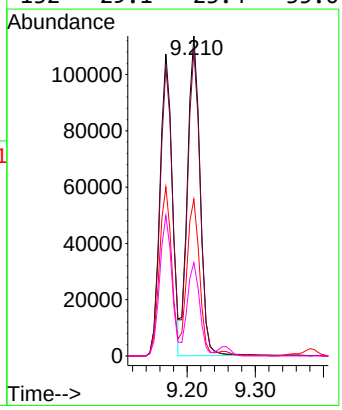


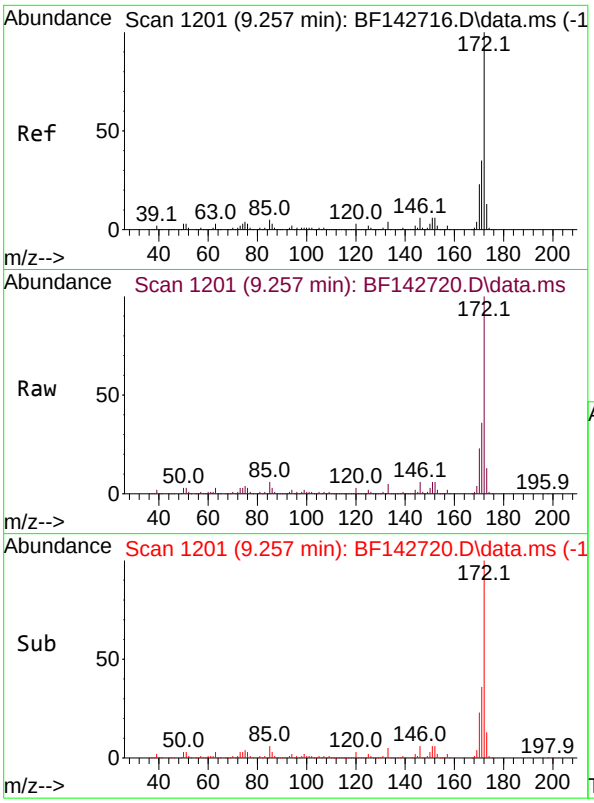


#44
2,4,5-Trichlorophenol
Concen: 45.379 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:196 Resp: 145700

Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.2	117.2
97	49.0	38.6	57.8
132	29.1	23.4	35.0



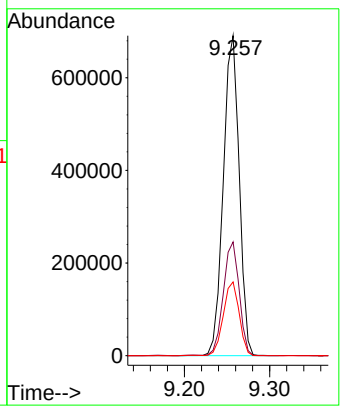


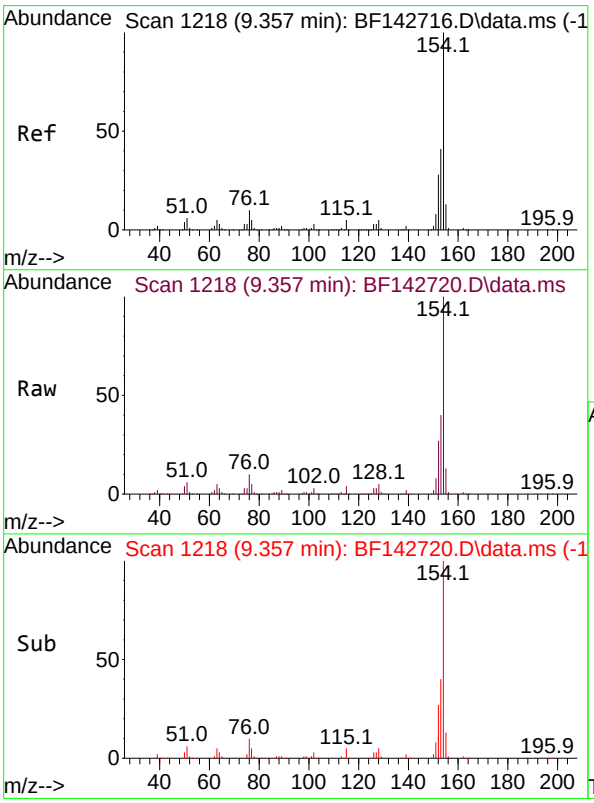
#45
2-Fluorobiphenyl
Concen: 75.043 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:172 Resp: 896222

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.1	18.6	27.8

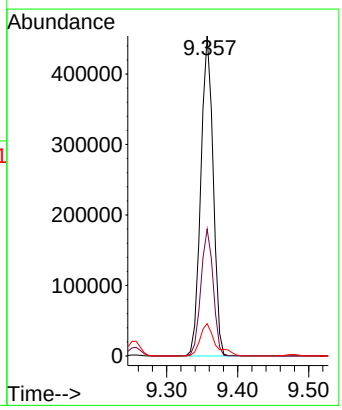


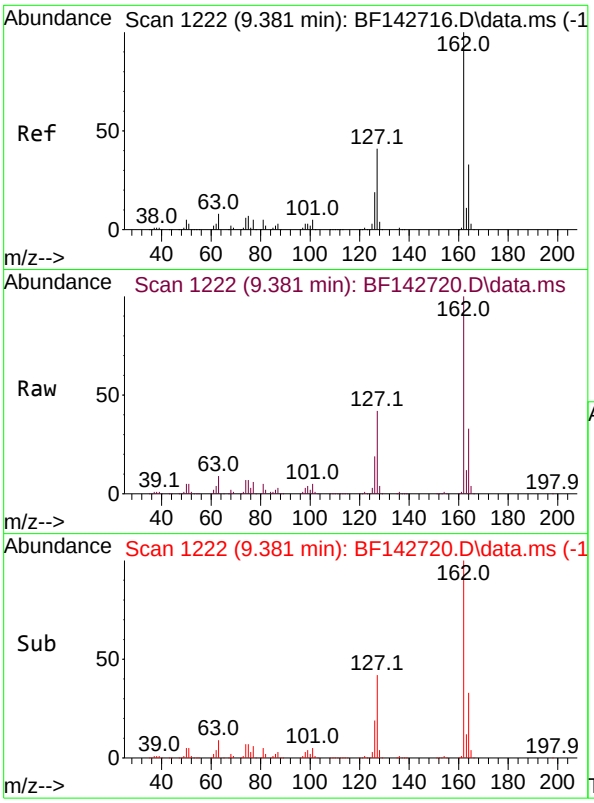


#46
1,1'-Biphenyl
Concen: 44.647 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:154 Resp: 550079

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.6	60.6
76	10.1	0.0	30.2



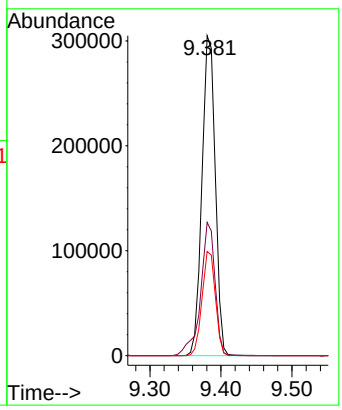


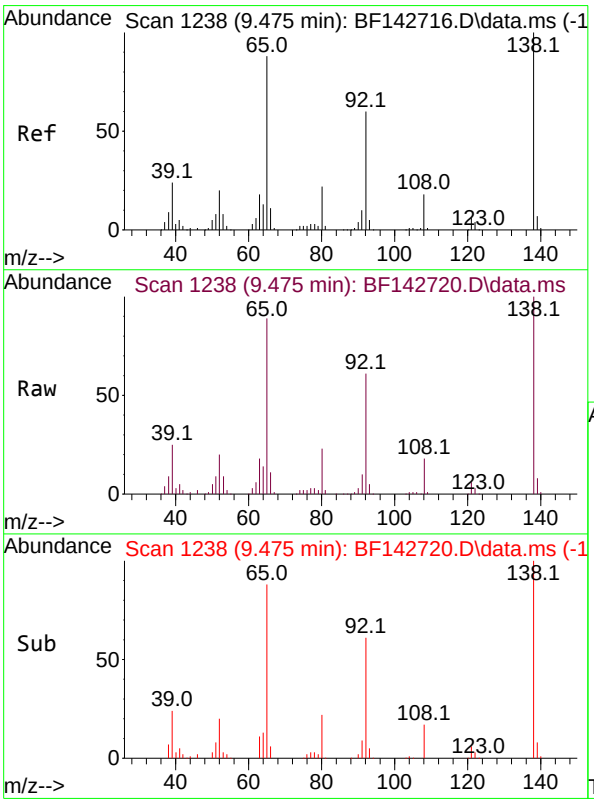
#47
2-Chloronaphthalene
Concen: 44.040 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:162 Resp: 399752

Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.5	50.3
164	32.5	26.1	39.1

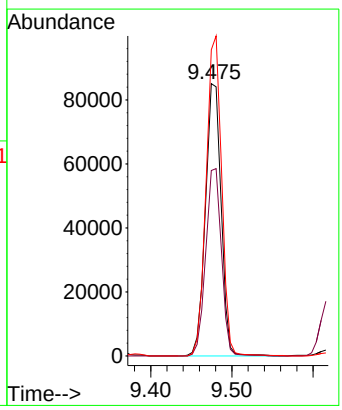


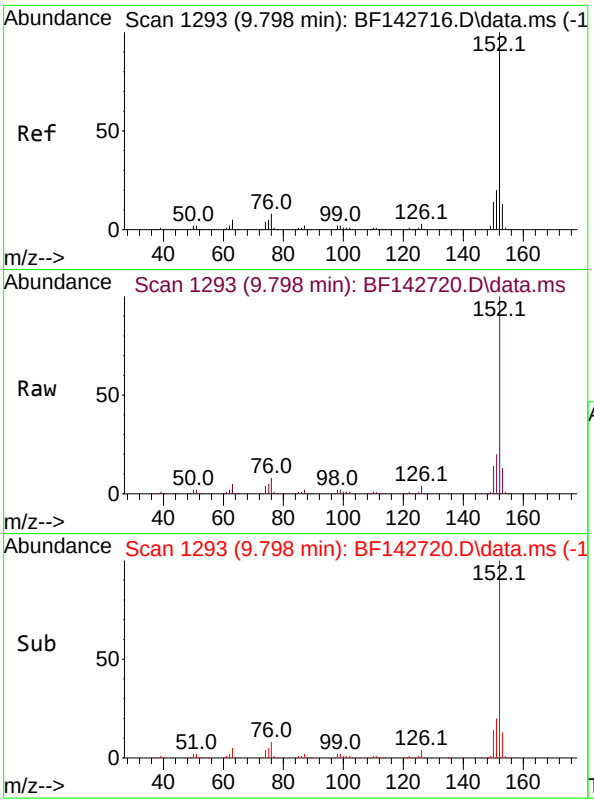


#48
2-Nitroaniline
Concen: 44.136 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 65 Resp: 113944

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.5	81.7
138	112.4	90.6	136.0



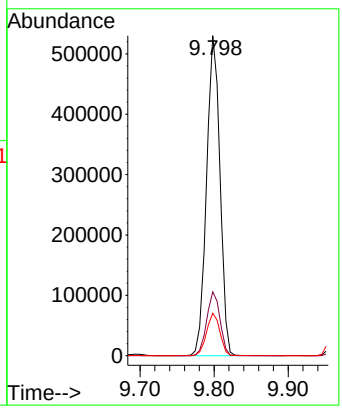


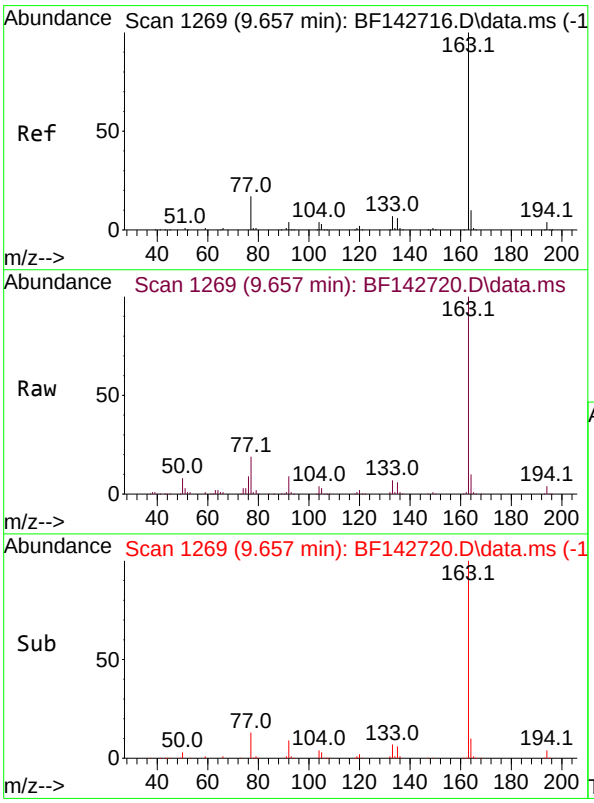
#49
Acenaphthylene
Concen: 43.524 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:152 Resp: 666129

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.3	10.5	15.7

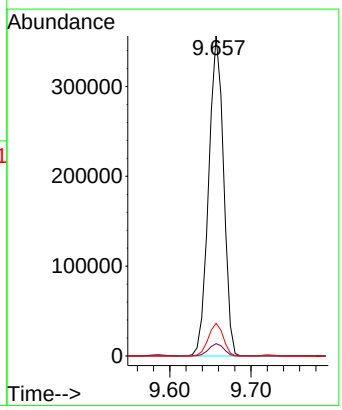


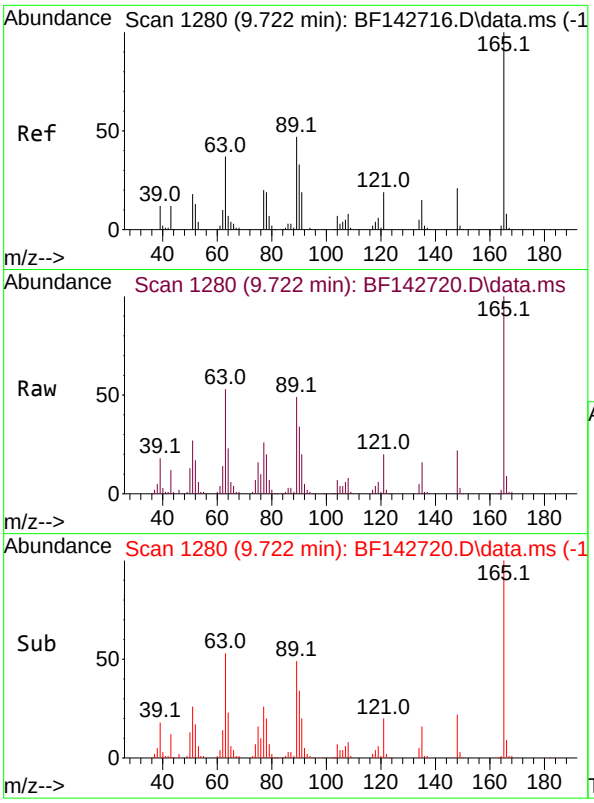


#50
Dimethylphthalate
Concen: 42.773 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:163 Resp: 453202

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.0	12.0



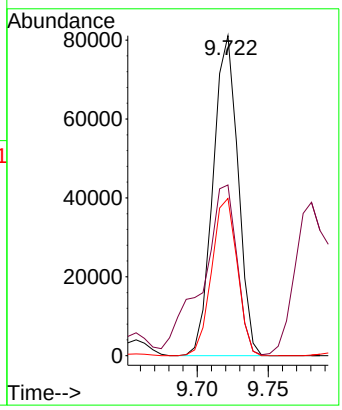


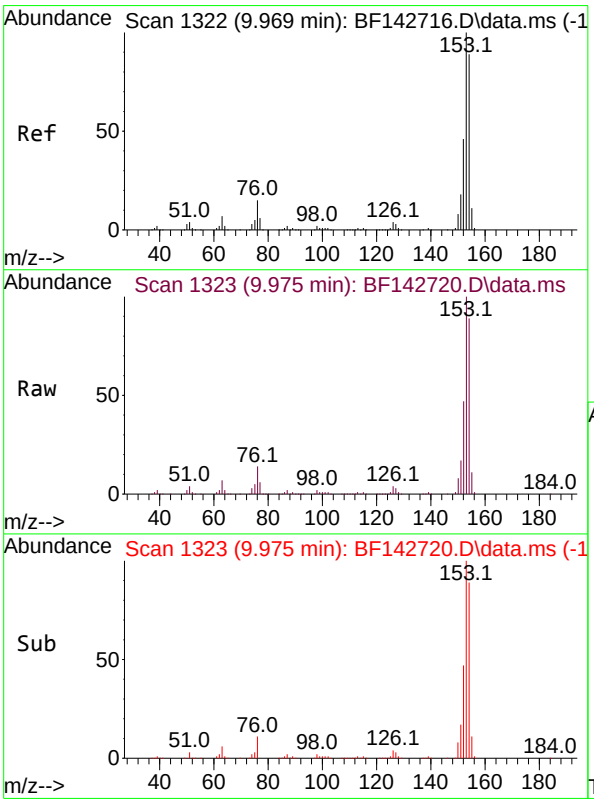
#51
2,6-Dinitrotoluene
Concen: 43.408 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:165 Resp: 99403

Ion	Ratio	Lower	Upper
165	100		
63	53.4	40.6	60.8
89	49.2	37.6	56.4

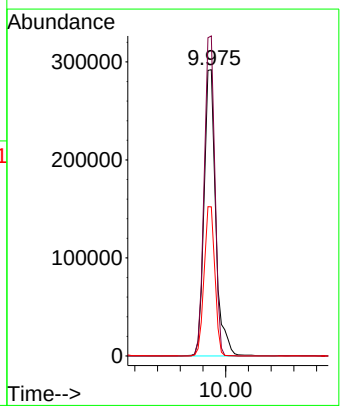


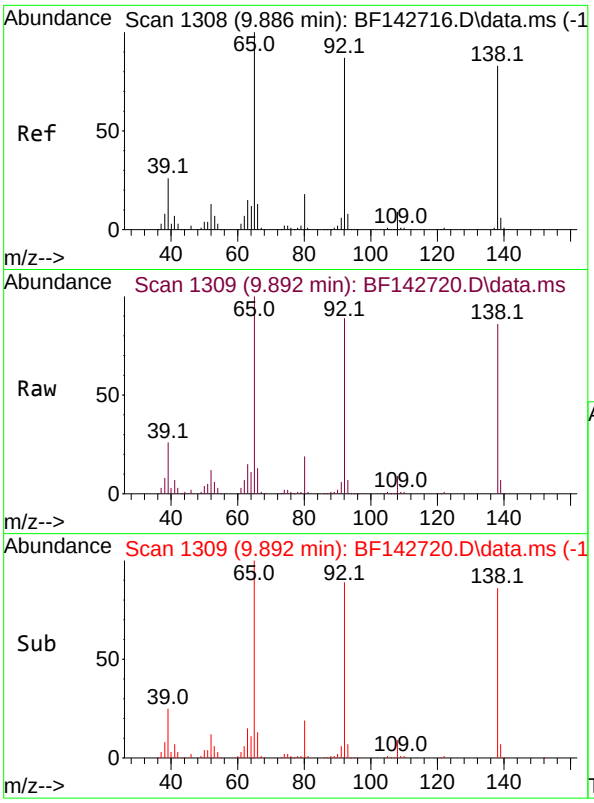


#52
Acenaphthene
Concen: 43.917 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:154 Resp: 416746

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	52.1	41.9	62.9



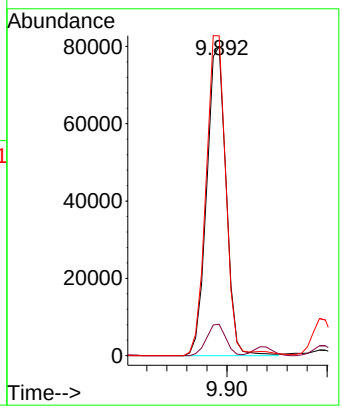


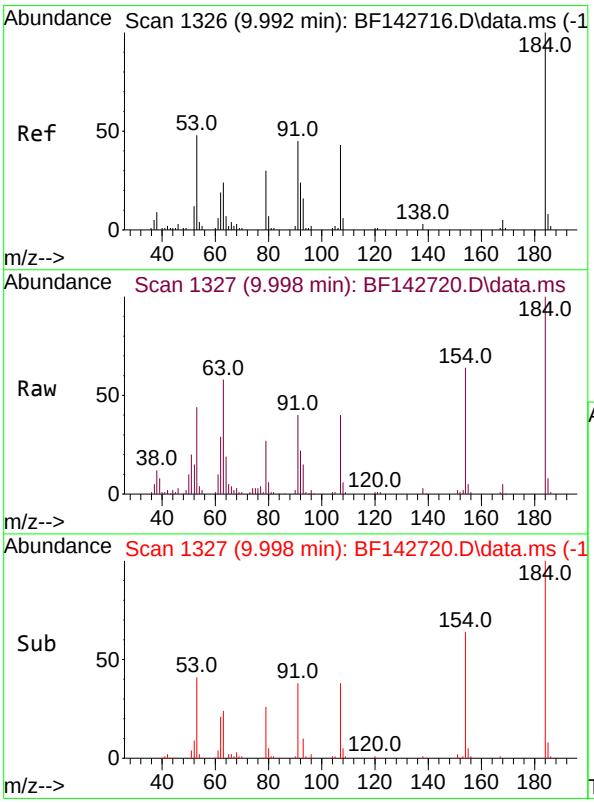
#53
3-Nitroaniline
Concen: 43.317 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:138 Resp: 107590

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	103.3	84.6	127.0

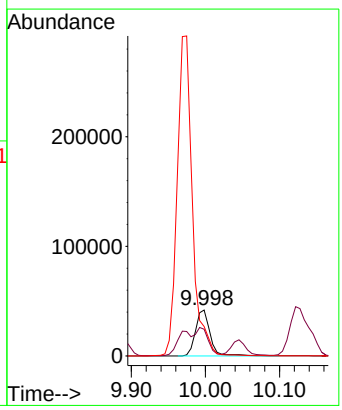


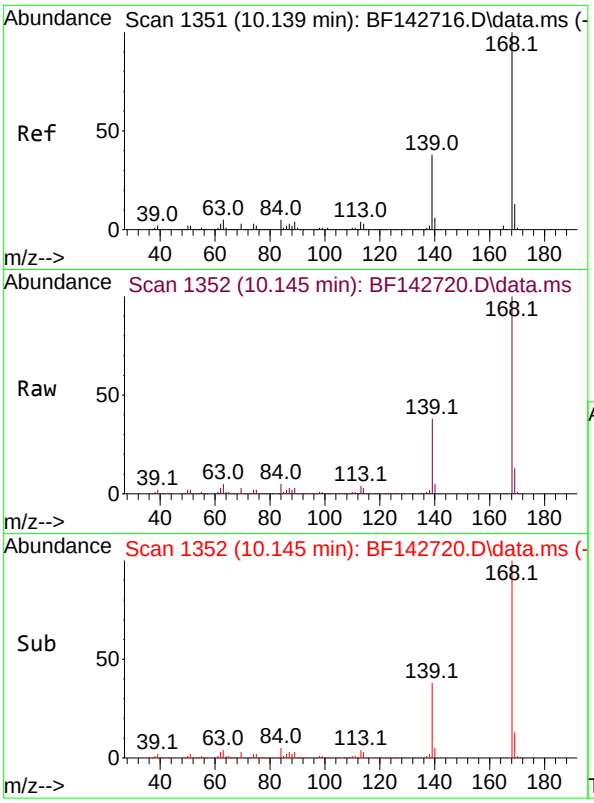


#54
2,4-Dinitrophenol
Concen: 45.522 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:184 Resp: 57103

Ion	Ratio	Lower	Upper
184	100		
63	58.2	51.7	77.5
154	64.2	60.1	90.1



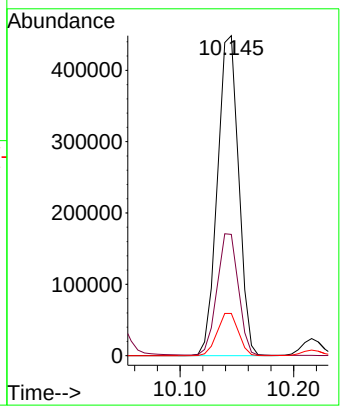


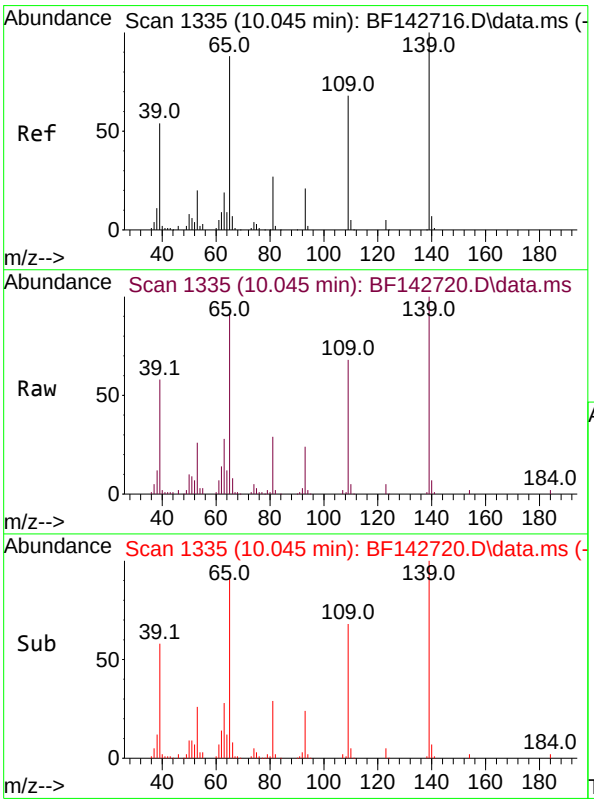
#55
Dibenzofuran
Concen: 43.111 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:168 Resp: 582555

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.9	46.3
169	13.2	10.8	16.2

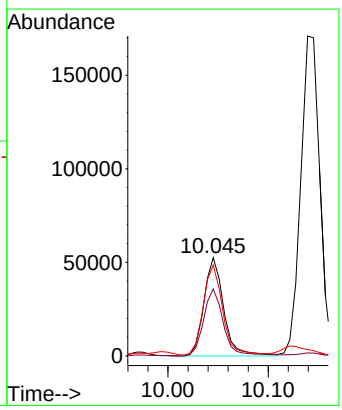


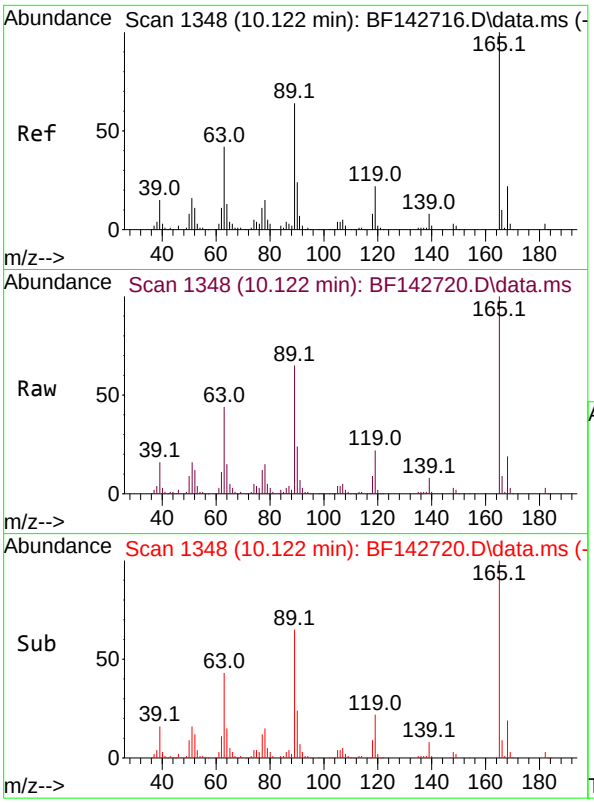


#56
4-Nitrophenol
Concen: 42.908 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:139 Resp: 72282

Ion	Ratio	Lower	Upper
139	100		
109	68.2	47.5	87.5
65	92.5	69.2	109.2



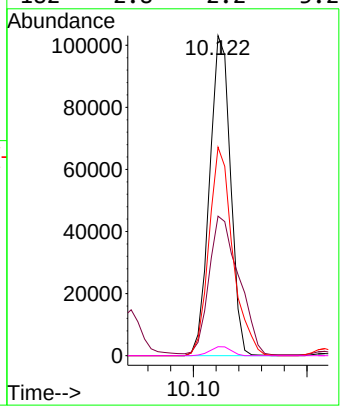


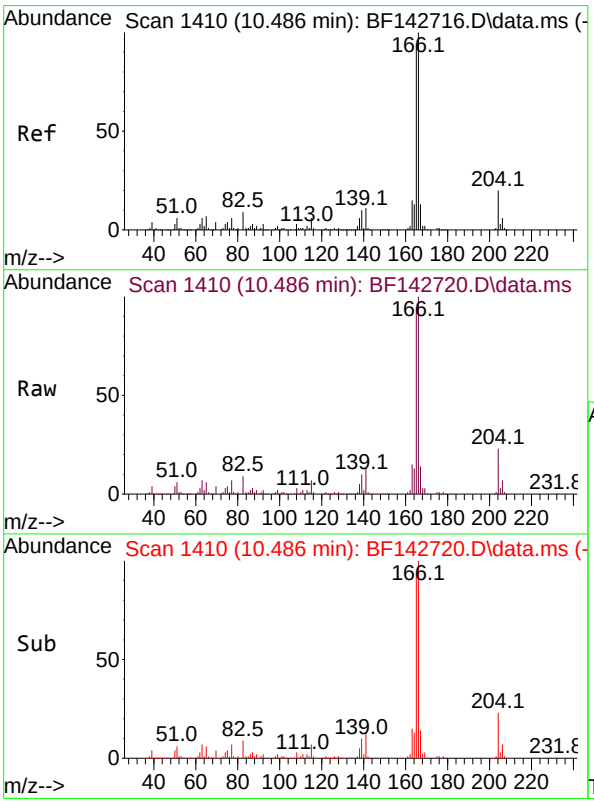
#57
2,4-Dinitrotoluene
Concen: 43.516 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:165 Resp: 131755

Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.1	51.1
89	65.2	50.8	76.2
182	2.8	2.2	3.2

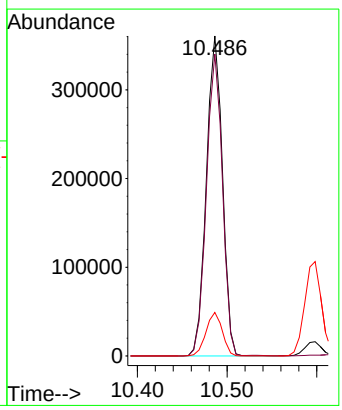


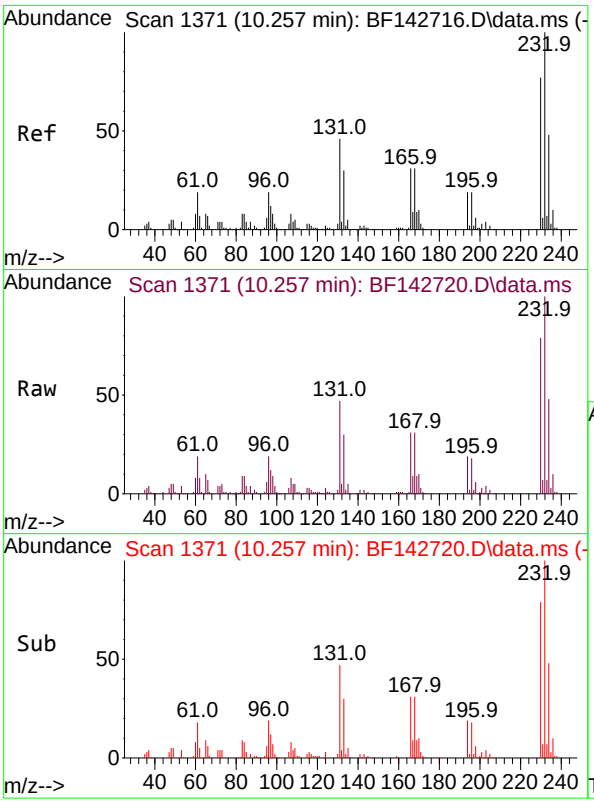


#58
Fluorene
Concen: 42.112 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:166 Resp: 449369

Ion	Ratio	Lower	Upper
166	100		
165	94.4	74.9	112.3
167	13.6	10.7	16.1



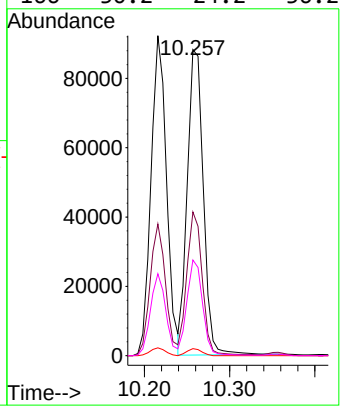


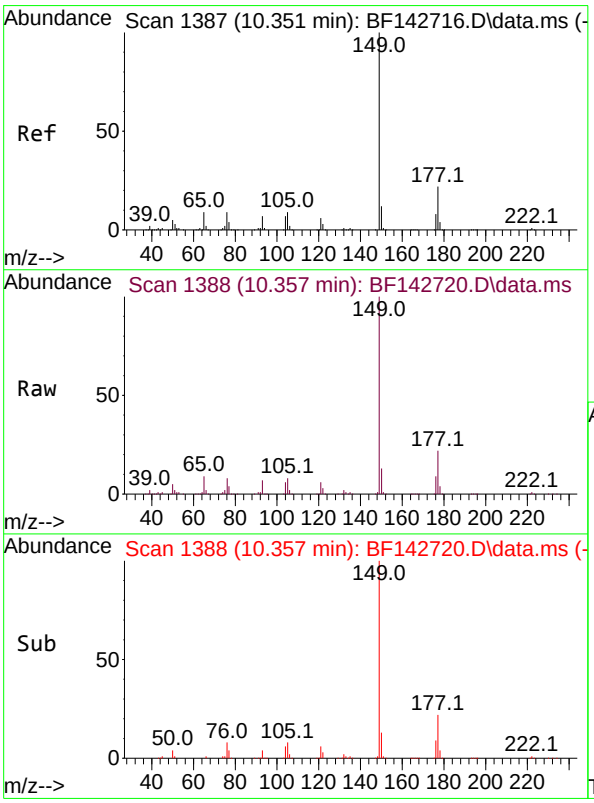
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.746 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:232 Resp: 115464

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.8	53.8
130	2.1	1.8	2.6
166	30.2	24.2	36.2

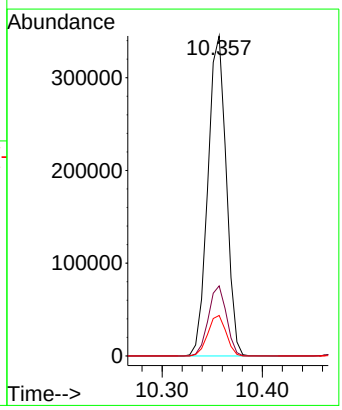


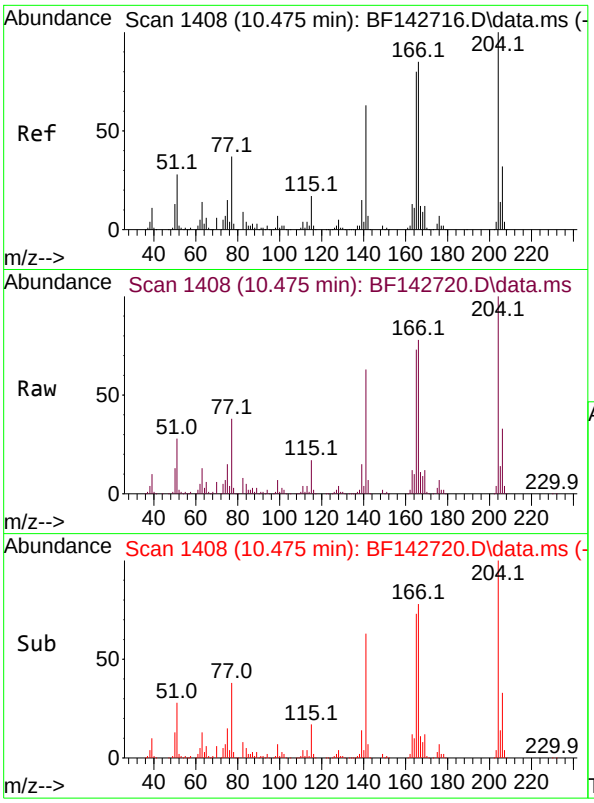


#60
Diethylphthalate
Concen: 41.798 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 439146

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.0
150	12.6	10.0	15.0



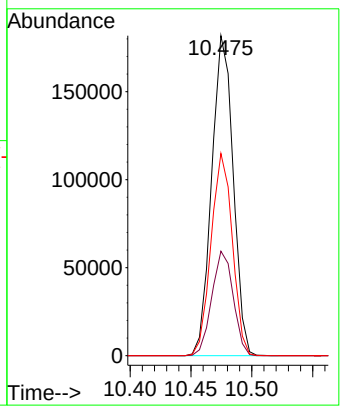


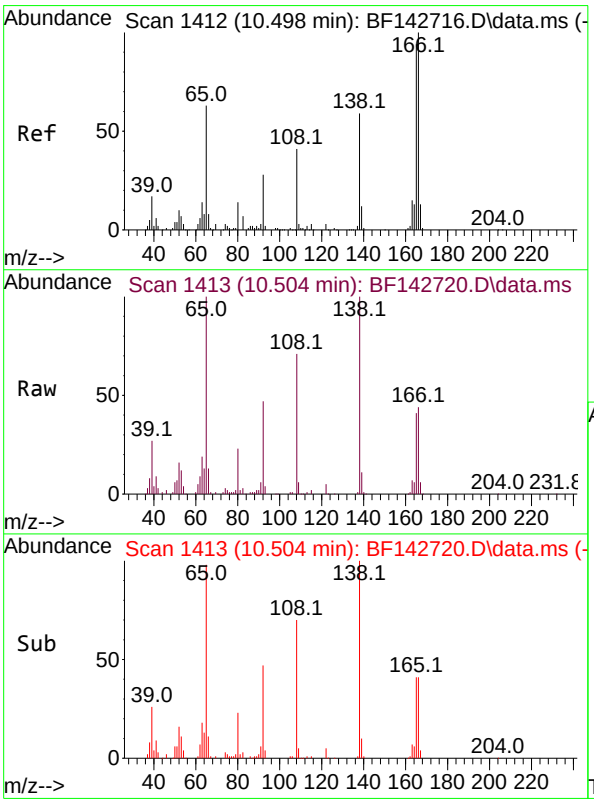
#61
4-Chlorophenyl-phenylether
Concen: 42.866 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:204 Resp: 223388

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	63.2	50.2	75.4

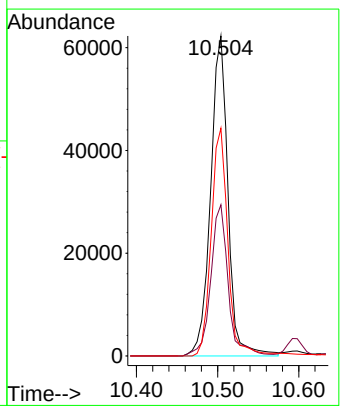


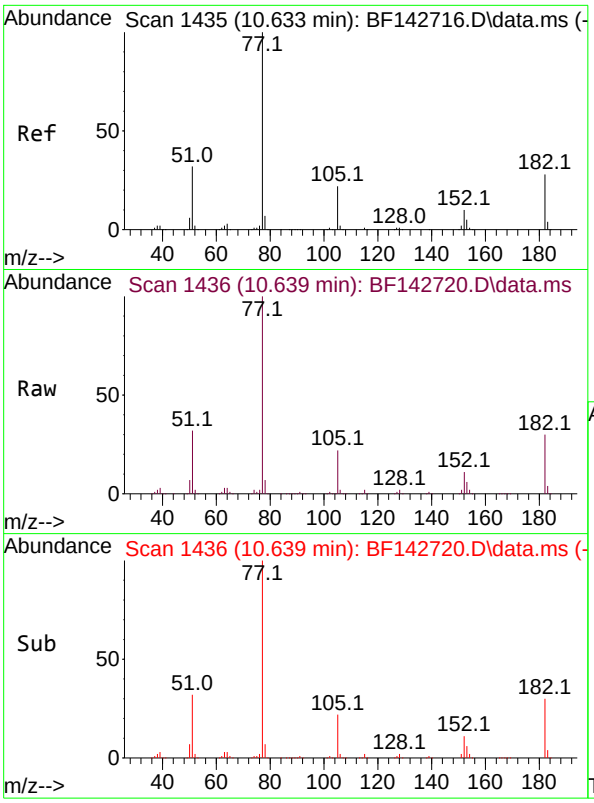


#62
4-Nitroaniline
Concen: 41.707 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:138 Resp: 92675

Ion	Ratio	Lower	Upper
138	100		
92	47.2	27.2	67.2
108	71.1	49.9	89.9



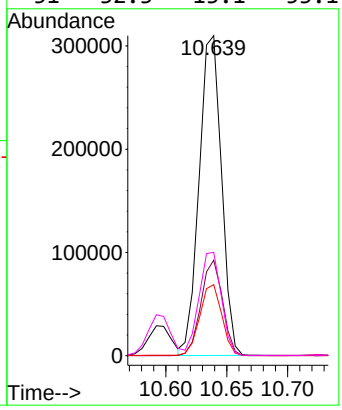


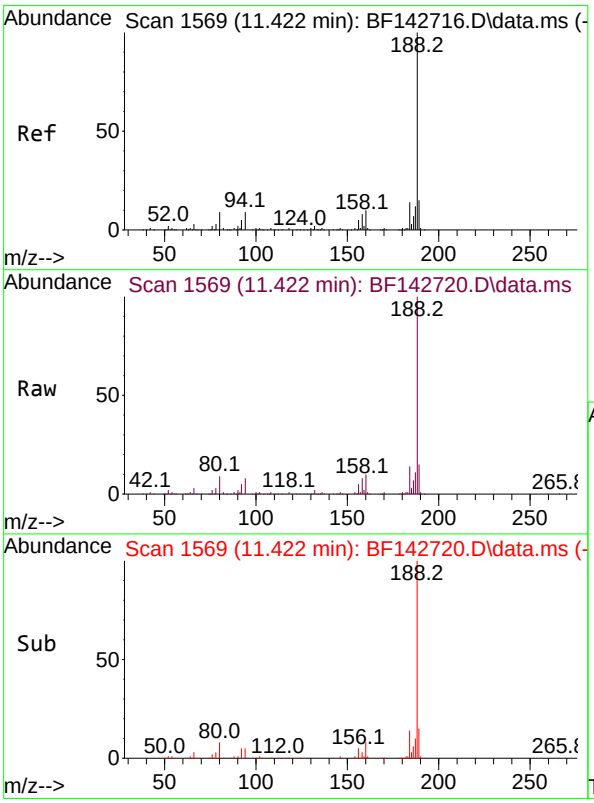
#63
Azobenzene
Concen: 43.227 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 77 Resp: 396638

Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.8	47.8
105	22.2	1.9	41.9
51	32.3	13.1	53.1

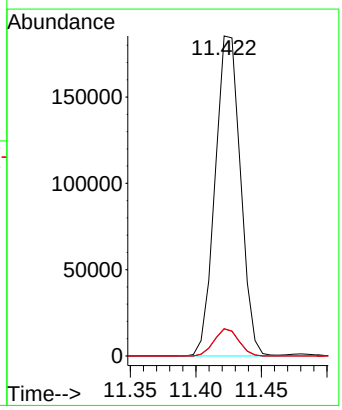


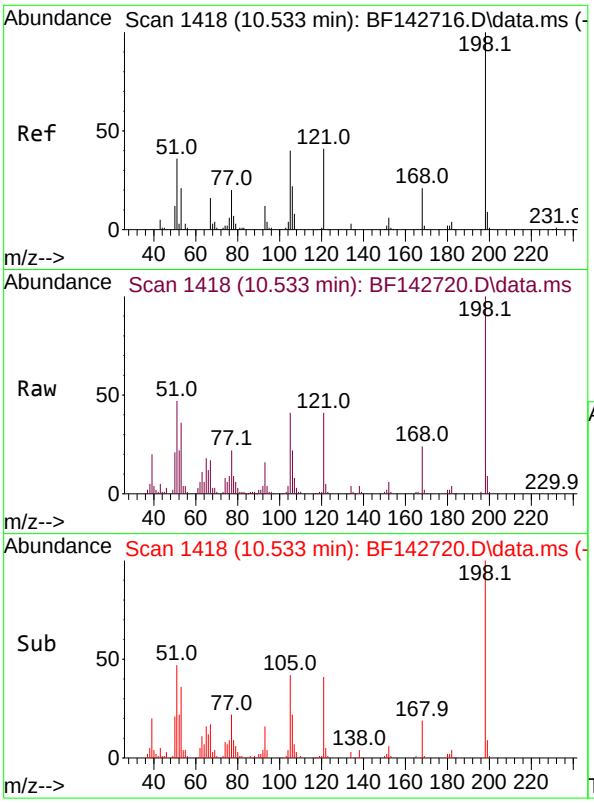


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:188 Resp: 249548

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.5	7.1	10.7



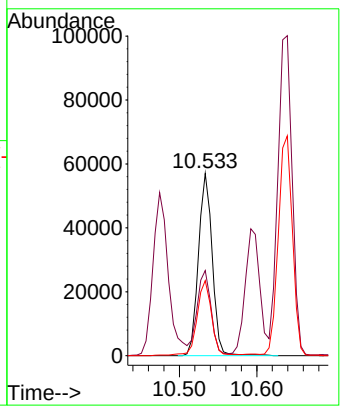


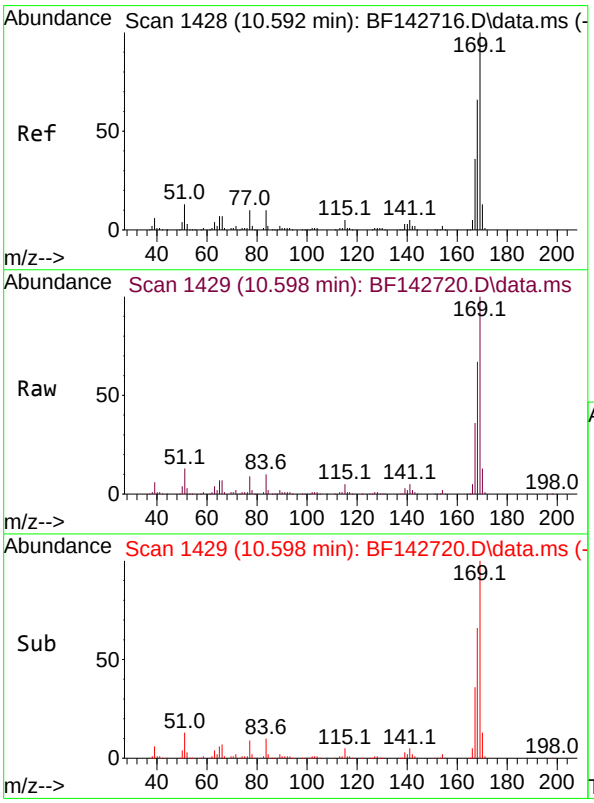
#65
4,6-Dinitro-2-methylphenol
Concen: 45.188 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:198 Resp: 70617

Ion	Ratio	Lower	Upper
198	100		
51	46.7	25.5	65.5
105	41.2	21.1	61.1

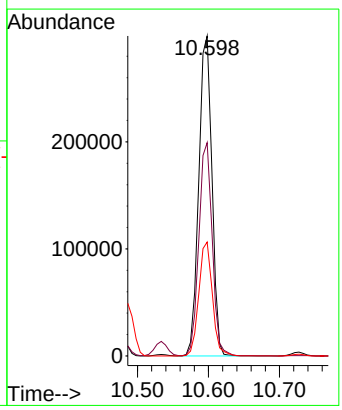


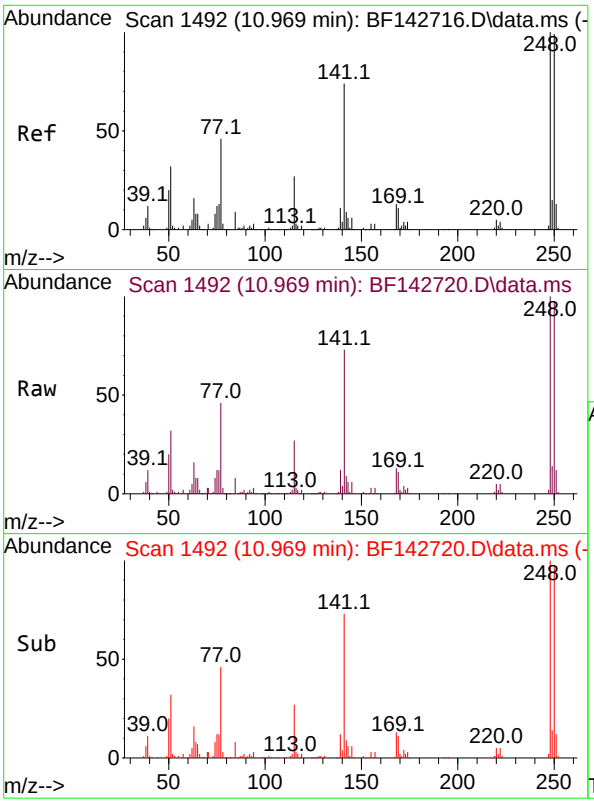


#66
n-Nitrosodiphenylamine
Concen: 45.023 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:169 Resp: 386201

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	35.6	28.7	43.1



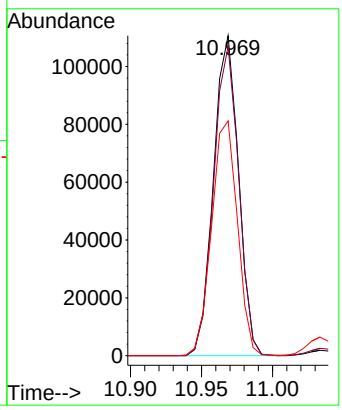


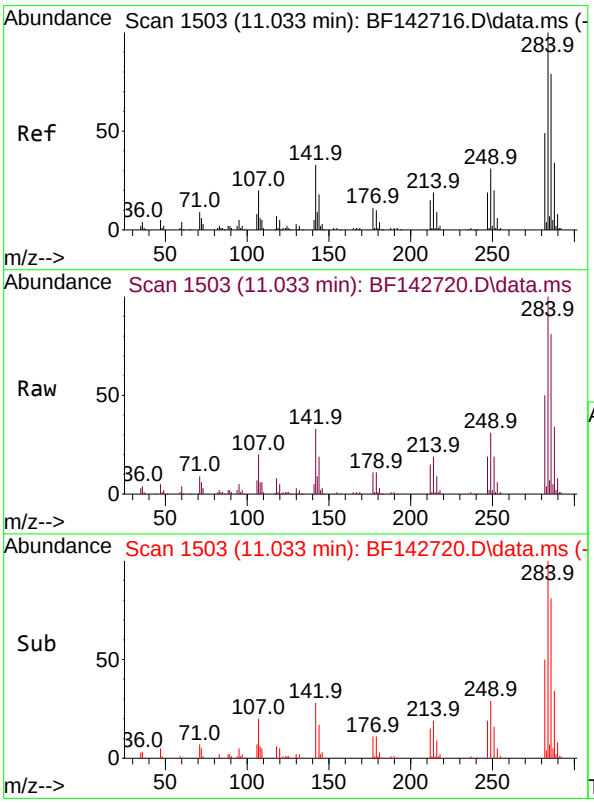
#67
4-Bromophenyl-phenylether
Concen: 46.092 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:248 Resp: 135771

Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.2	118.8
141	73.4	59.3	88.9

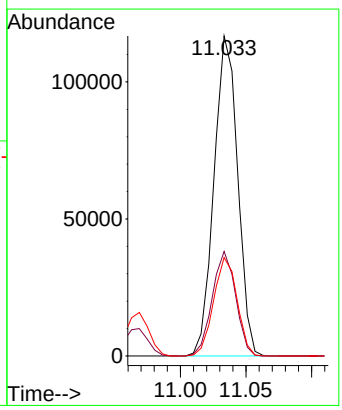


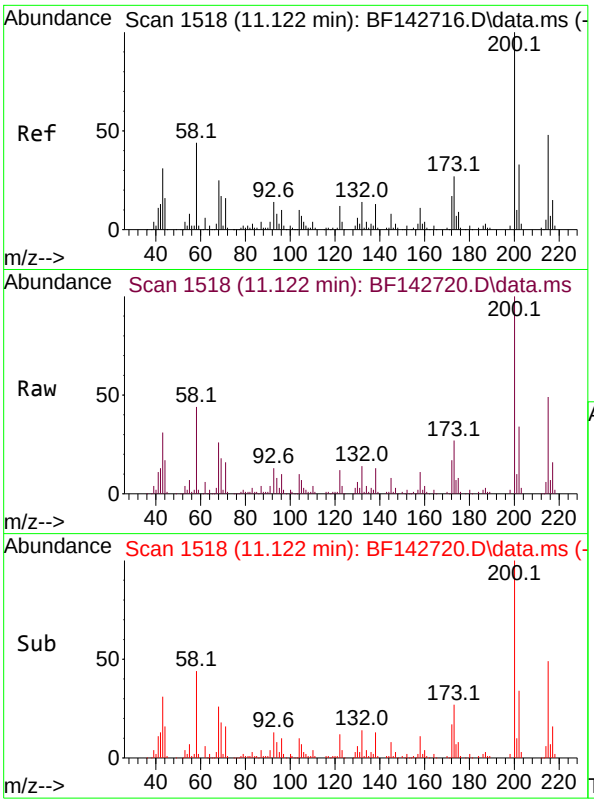


#68
Hexachlorobenzene
Concen: 44.795 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:284 Resp: 146469

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.0	39.0
249	30.8	24.6	37.0



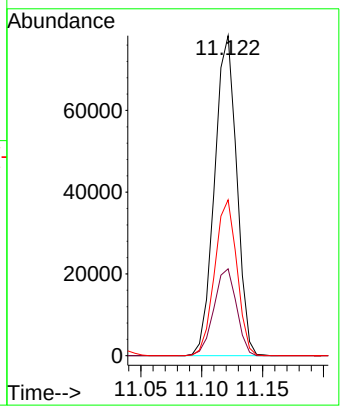


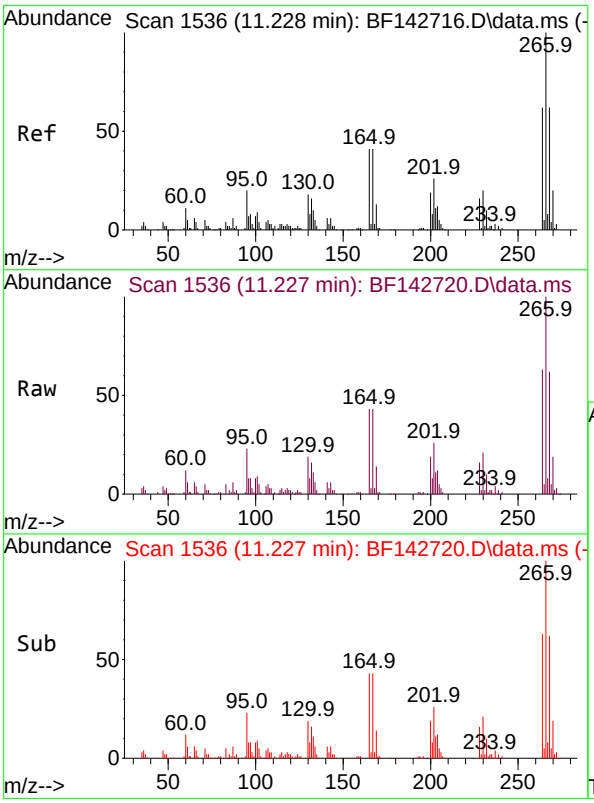
#69
Atrazine
Concen: 43.408 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:200 Resp: 99271

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	48.7	28.2	68.2

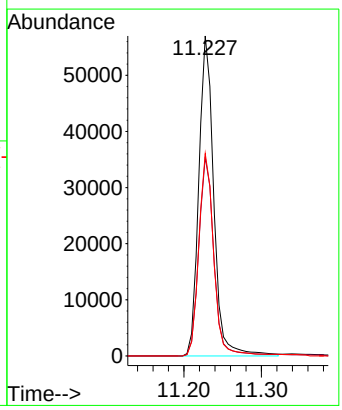


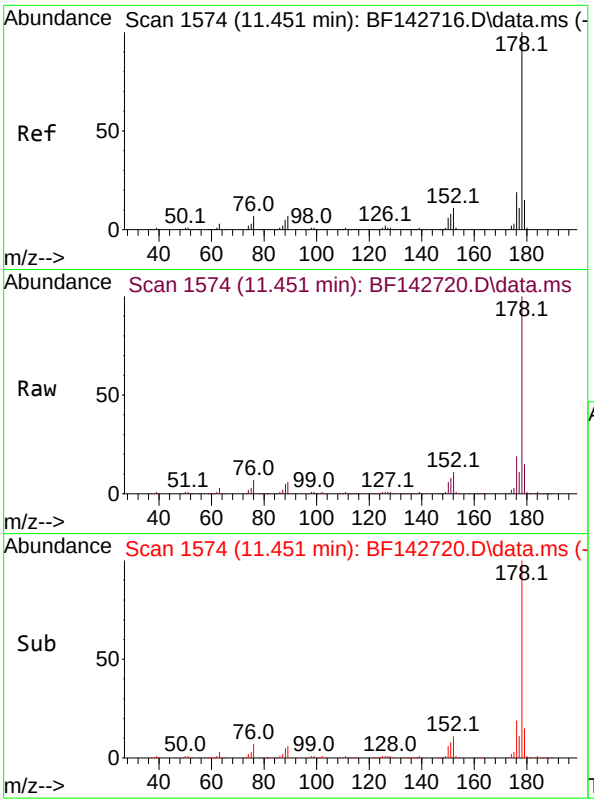


#70
Pentachlorophenol
Concen: 44.637 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:266 Resp: 76507

Ion	Ratio	Lower	Upper
266	100		
268	62.1	49.6	74.4
264	63.2	49.5	74.3



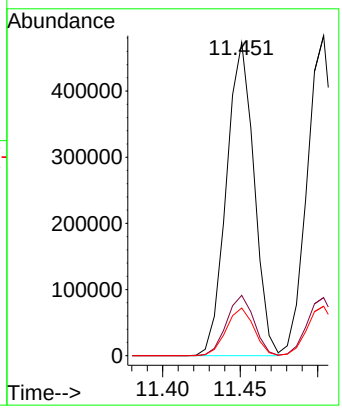


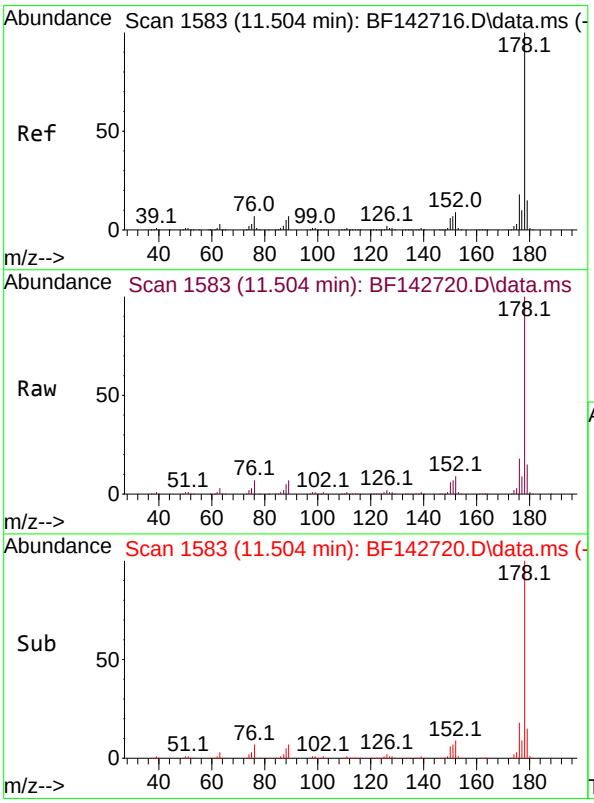
#71
Phenanthrene
Concen: 43.859 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:178 Resp: 586368

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

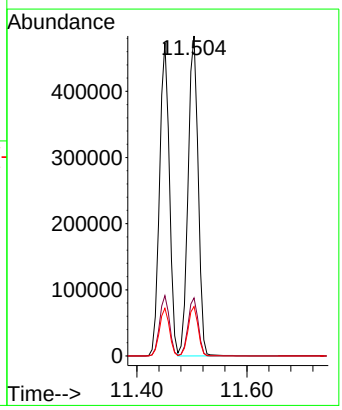


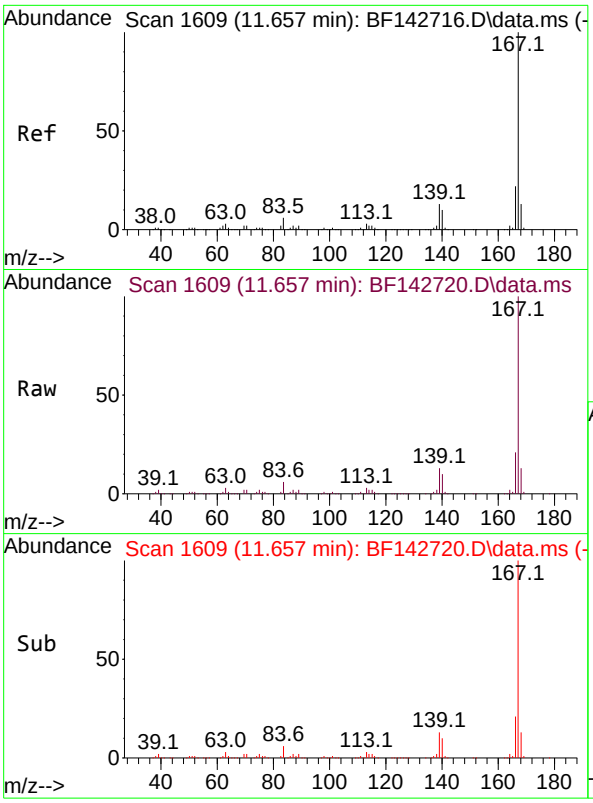


#72
Anthracene
Concen: 44.214 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:178 Resp: 611481

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.4	12.2	18.2



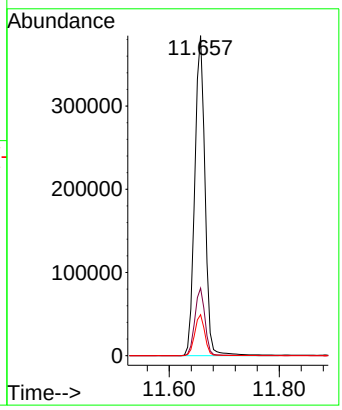


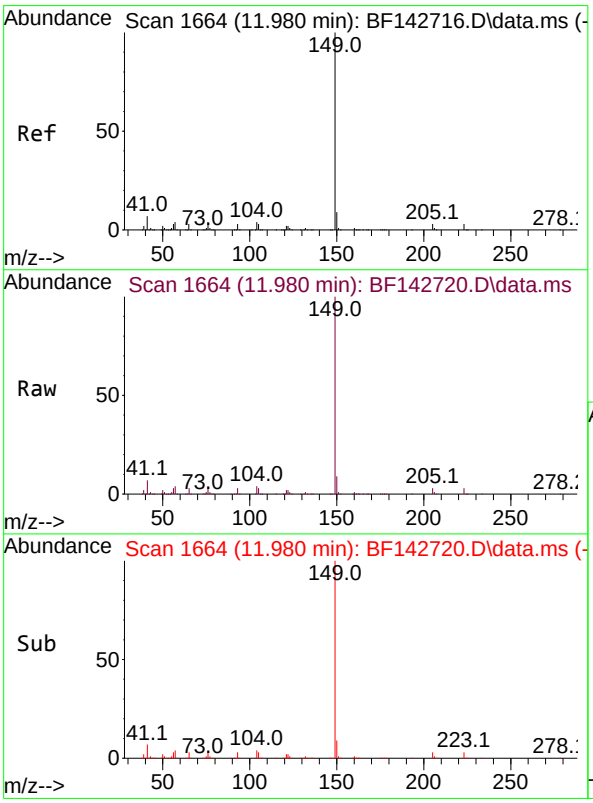
#73
Carbazole
Concen: 43.010 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:167 Resp: 497969

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	10.2	15.4

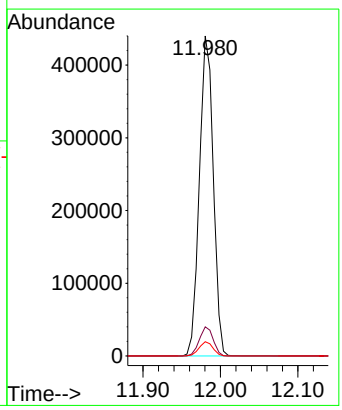


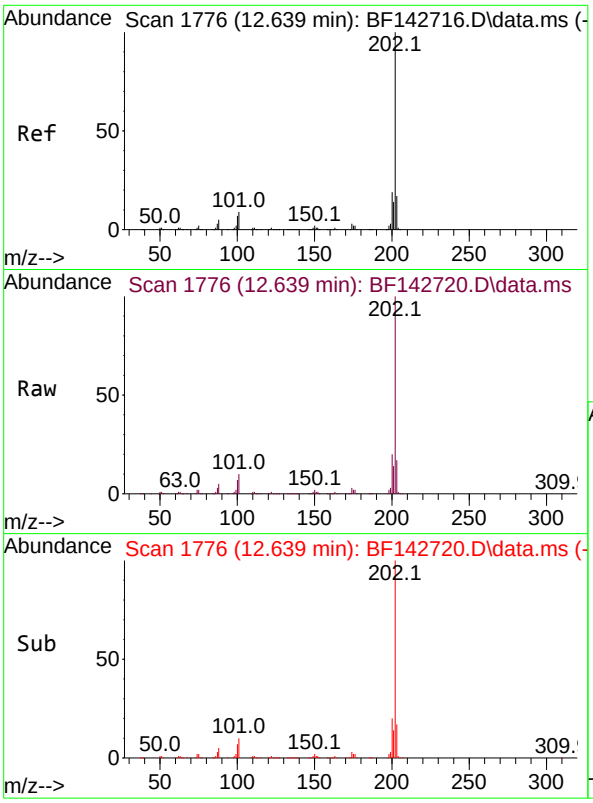


#74
Di-n-butylphthalate
Concen: 42.379 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 547884

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	4.5	3.4	5.2



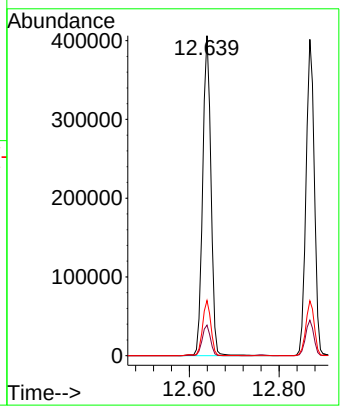


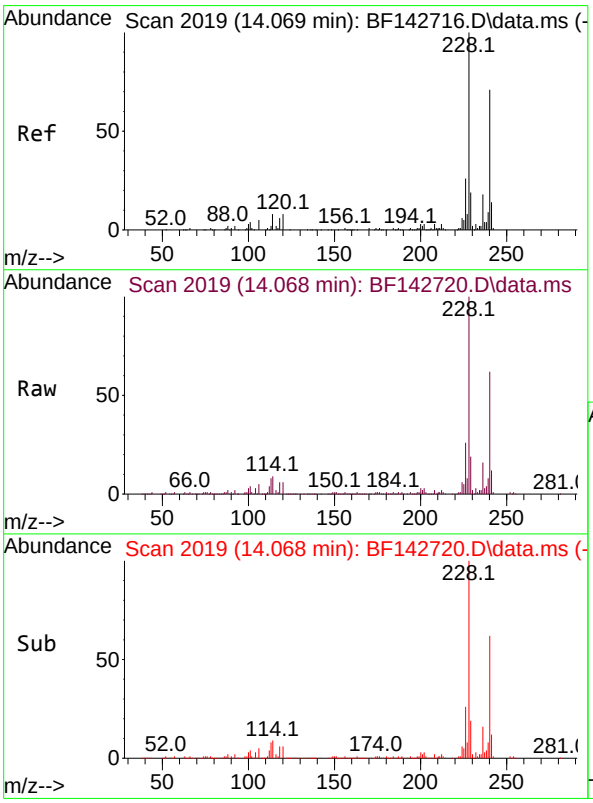
#75
Fluoranthene
Concen: 40.746 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:202 Resp: 517997

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.5
203	17.3	0.0	37.0

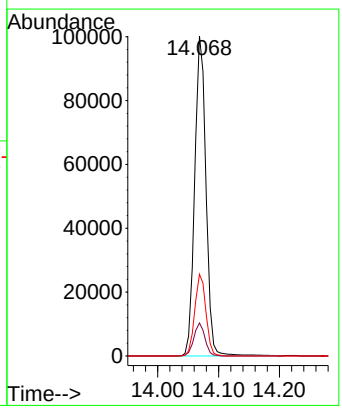


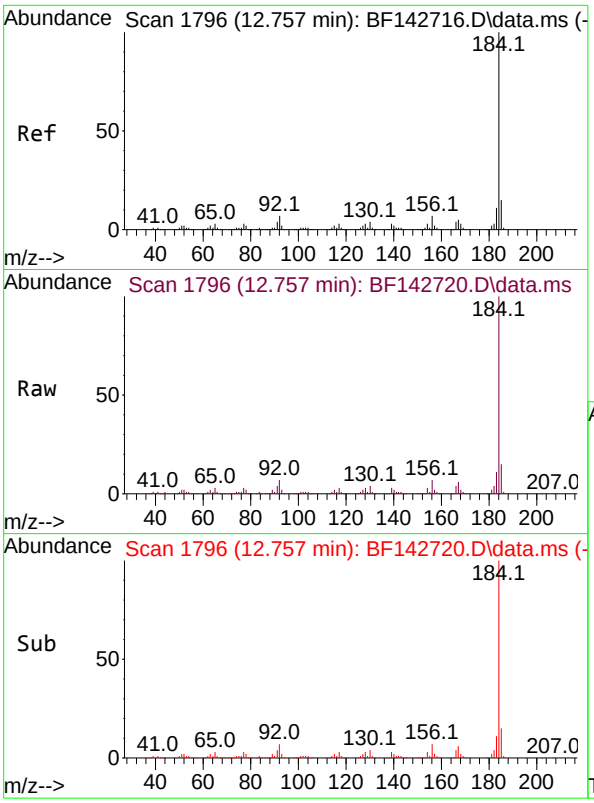


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:240 Resp: 129150

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	25.6	20.1	30.1



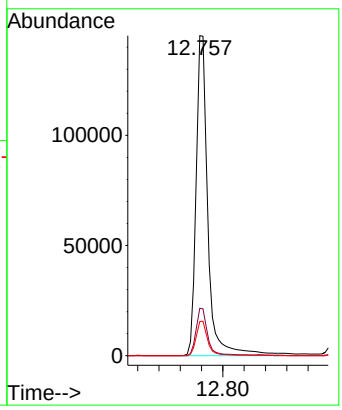


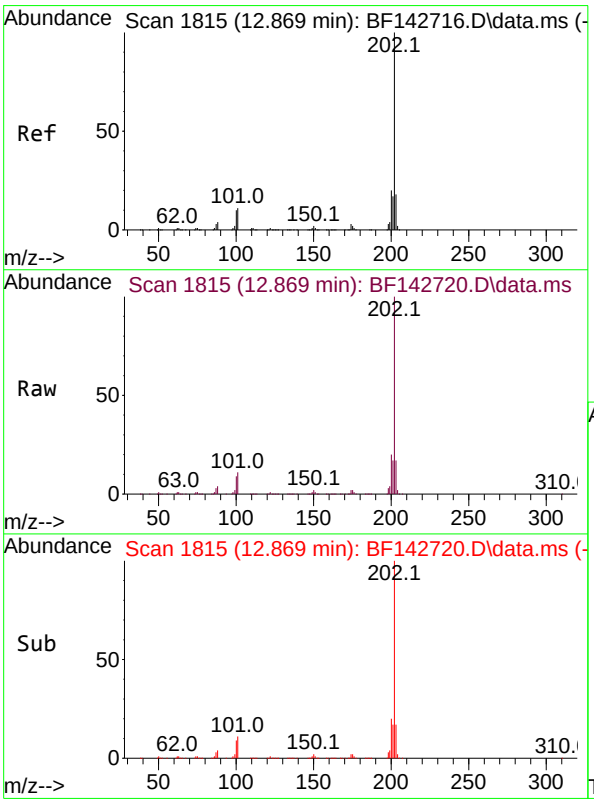
#77
Benzidine
Concen: 48.599 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:184 Resp: 223533

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	10.7	8.6	12.8

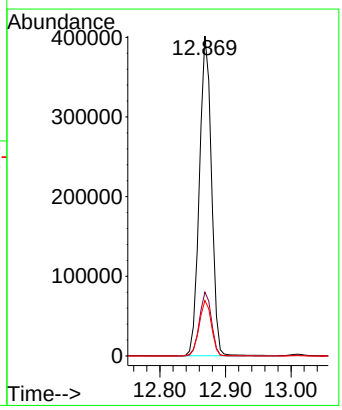


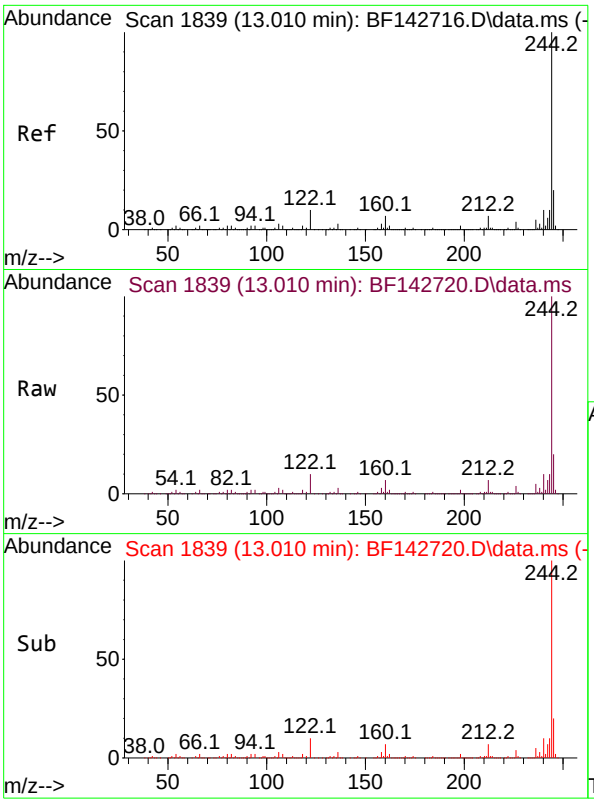


#78
Pyrene
Concen: 42.968 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:202 Resp: 515693

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.8	23.8
203	17.3	14.1	21.1



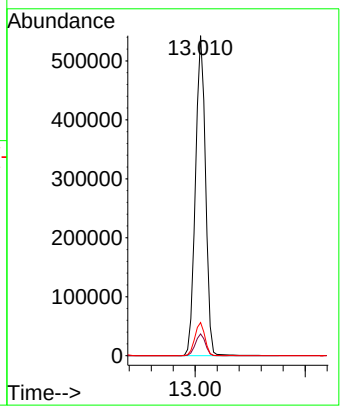


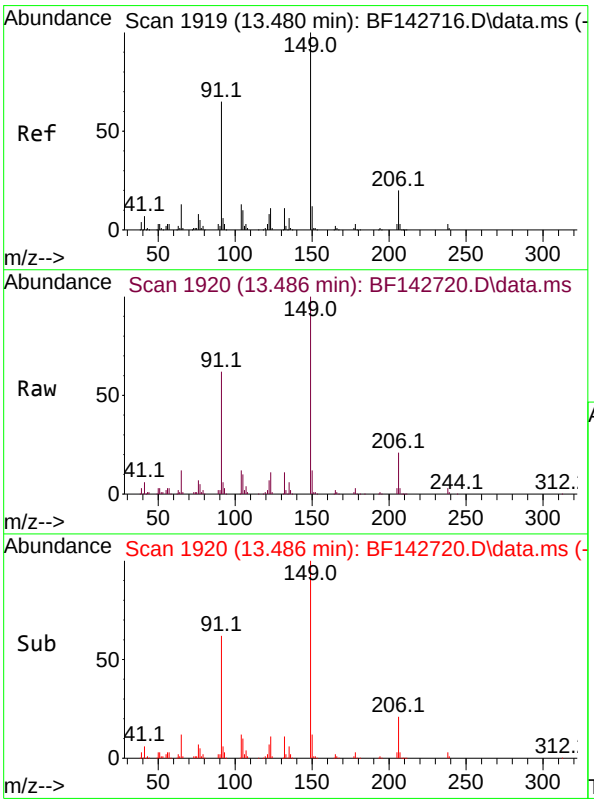
#79
Terphenyl-d14
Concen: 73.446 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:244 Resp: 690646

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	8.3	12.5

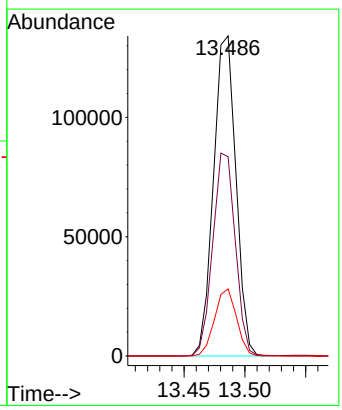


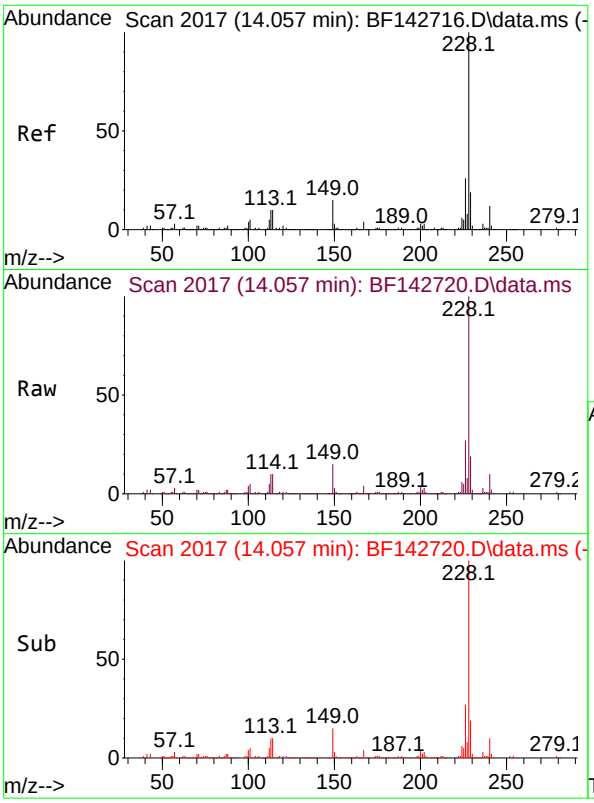


#80
Butylbenzylphthalate
Concen: 48.561 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 172349

Ion	Ratio	Lower	Upper
149	100		
91	62.3	52.3	78.5
206	21.0	16.0	24.0



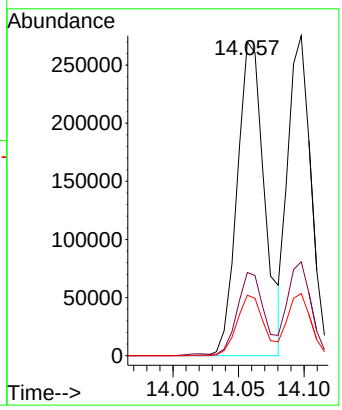


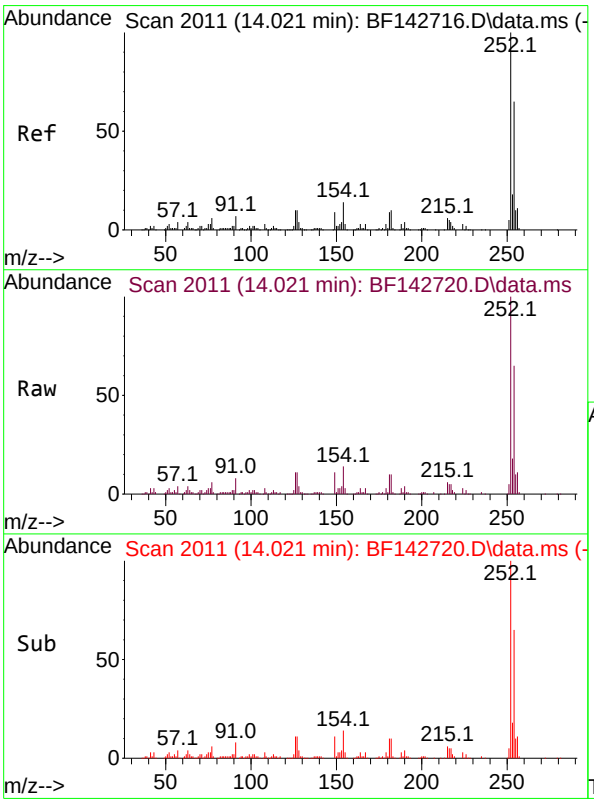
#81
Benzo(a)anthracene
Concen: 45.643 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:228 Resp: 390623

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	19.3	15.5	23.3

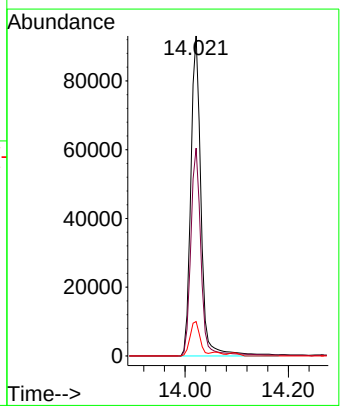


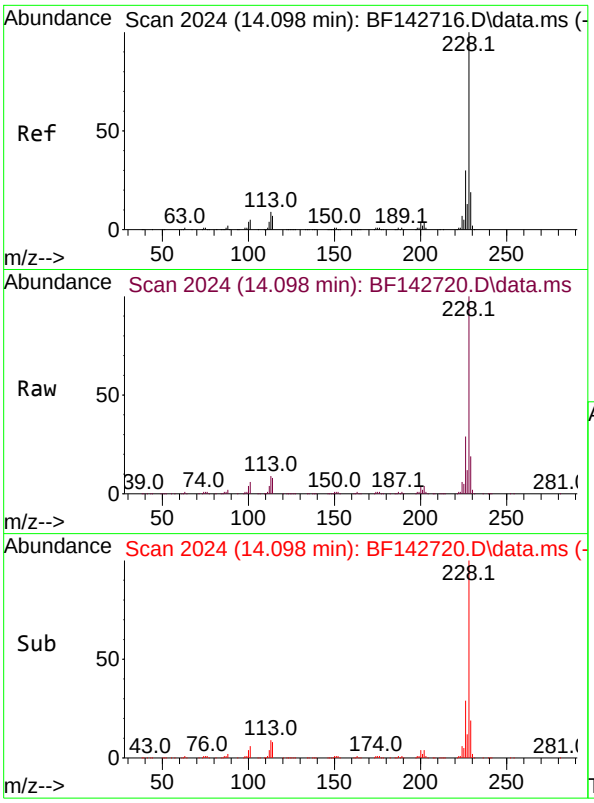


#82
3,3'-Dichlorobenzidine
Concen: 46.382 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:252 Resp: 128006

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.8	8.1	12.1



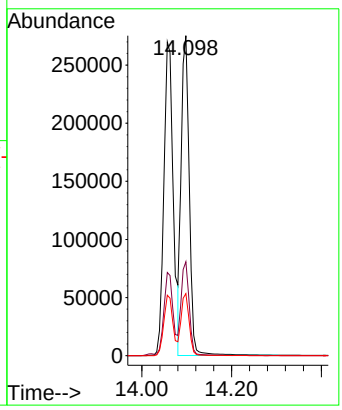


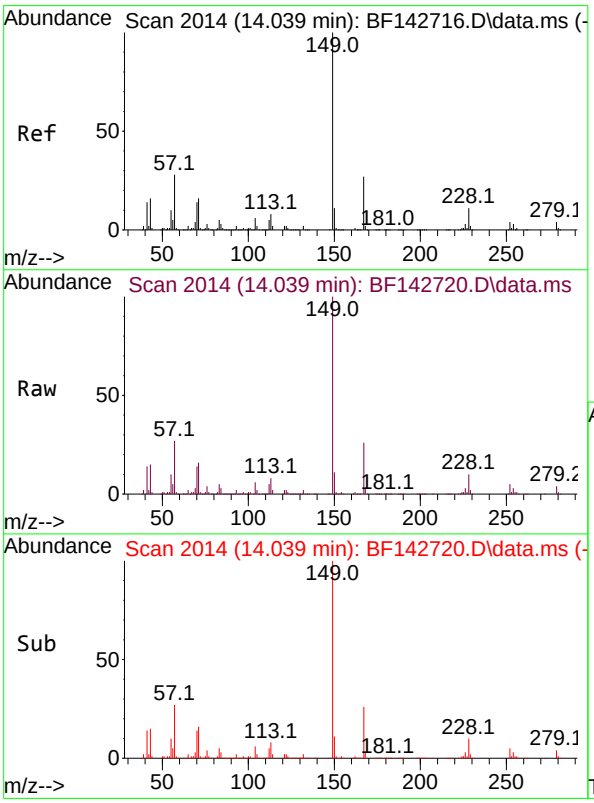
#83
Chrysene
Concen: 43.522 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:228 Resp: 343895

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.4	15.5	23.3

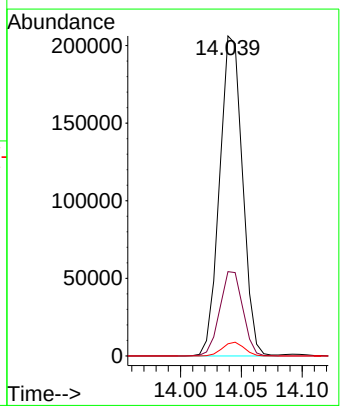


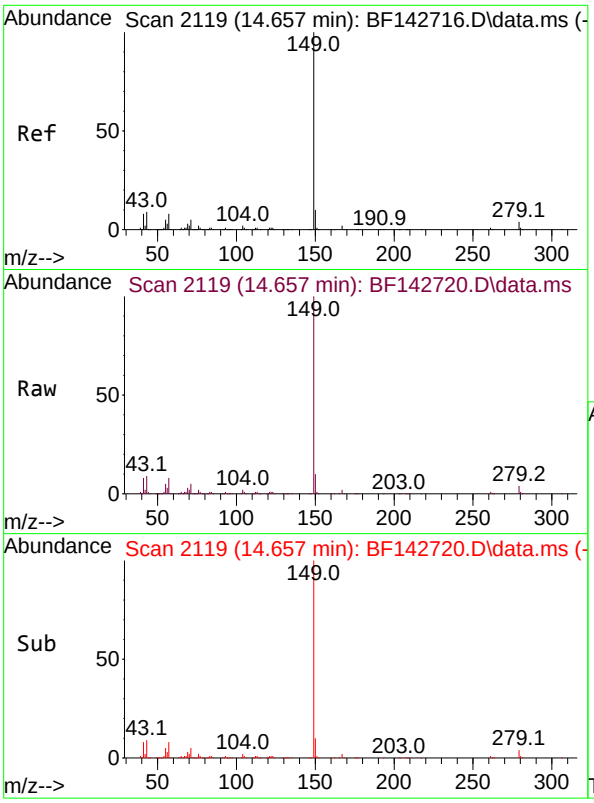


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.747 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 270293

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.2
279	3.8	3.0	4.4



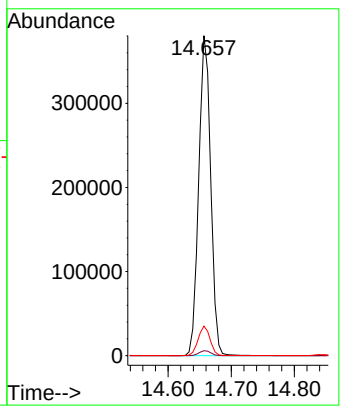


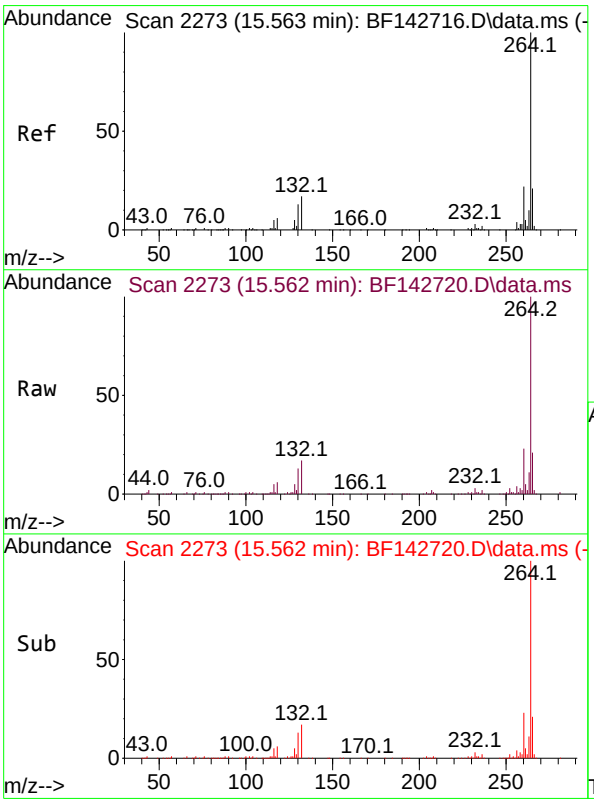
#85
Di-n-octyl phthalate
Concen: 49.022 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:149 Resp: 500941

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	7.3	10.9

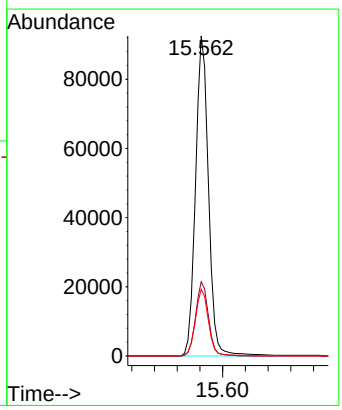


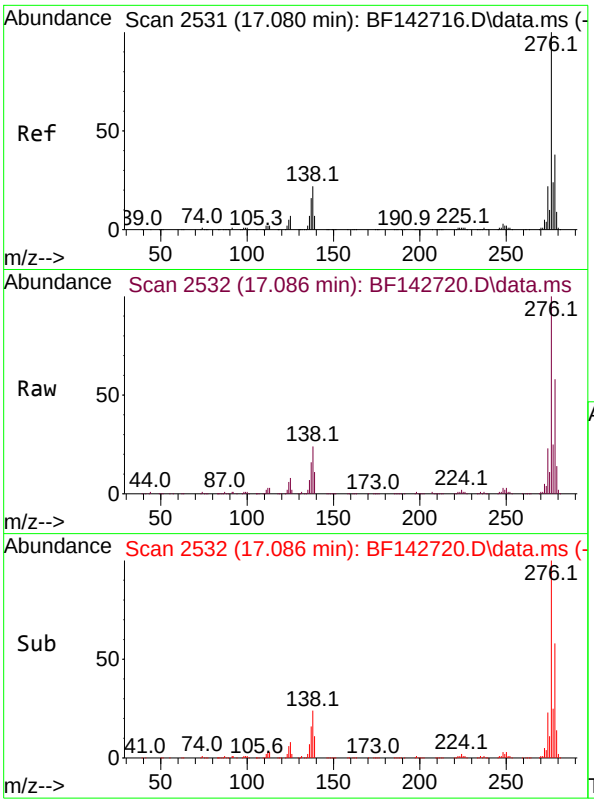


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:264 Resp: 147247

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.6
265	20.9	16.6	25.0



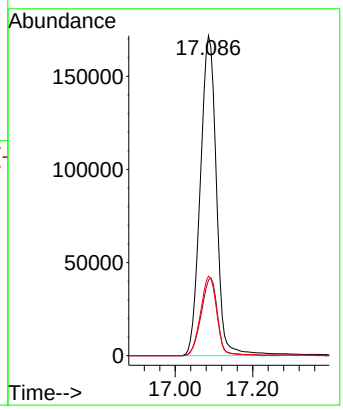


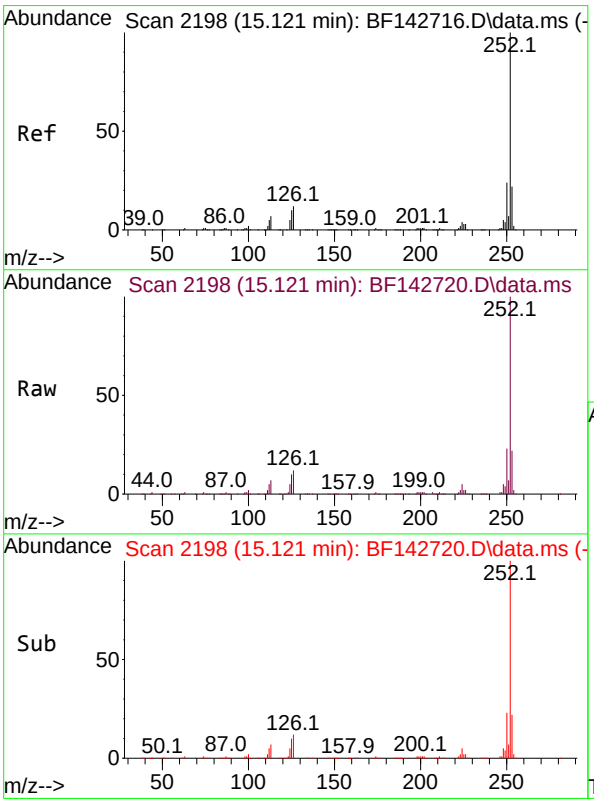
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.483 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:276 Resp: 496299

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	25.1	20.2	30.2

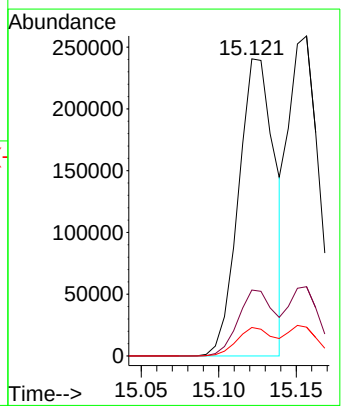


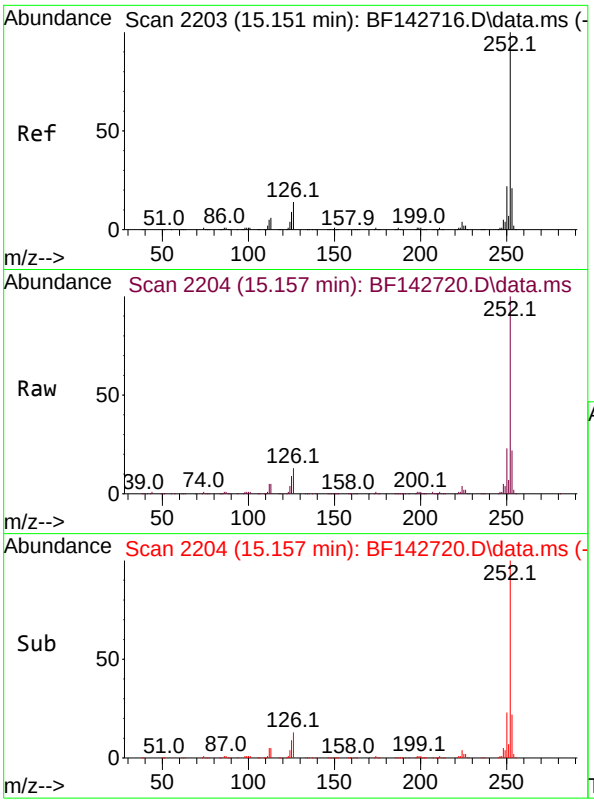


#88
Benzo(b)fluoranthene
Concen: 45.005 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:252 Resp: 390203

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.6	7.8	11.6



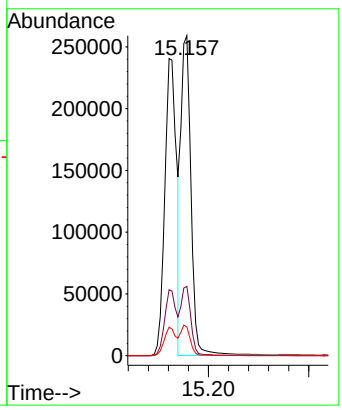


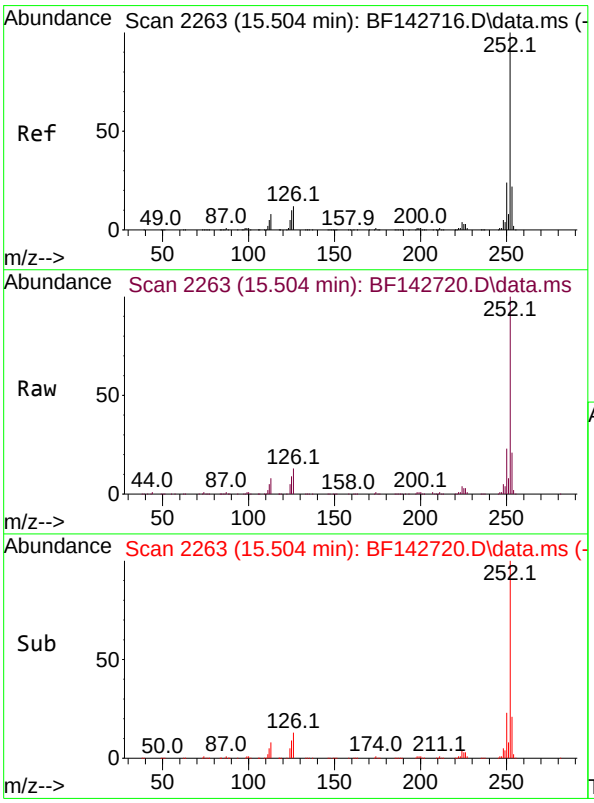
#89
Benzo(k)fluoranthene
Concen: 43.126 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:252 Resp: 362789

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.0	7.5	11.3

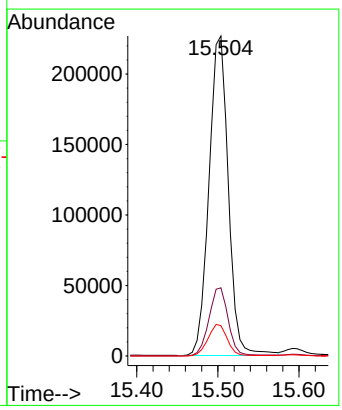


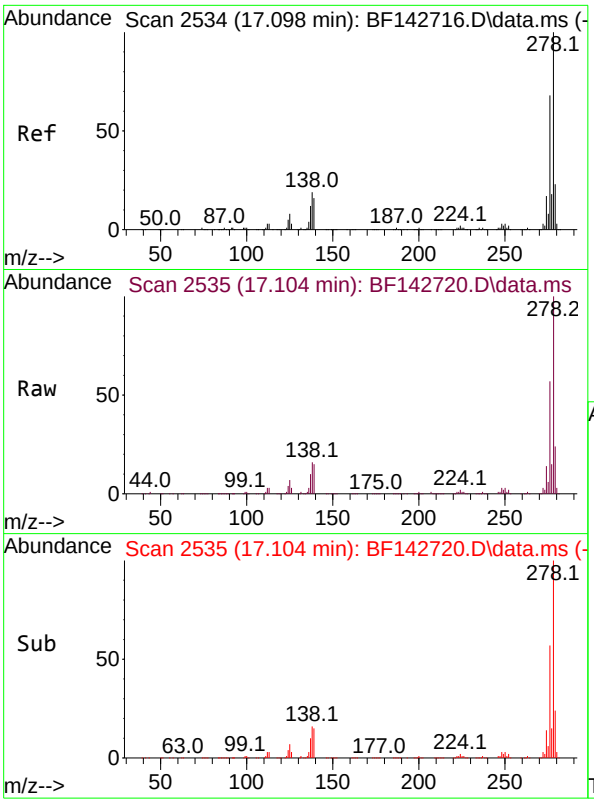


#90
Benzo(a)pyrene
Concen: 45.514 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:252 Resp: 375192

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	9.4	8.0	12.0



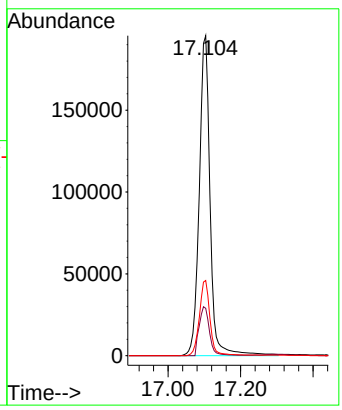


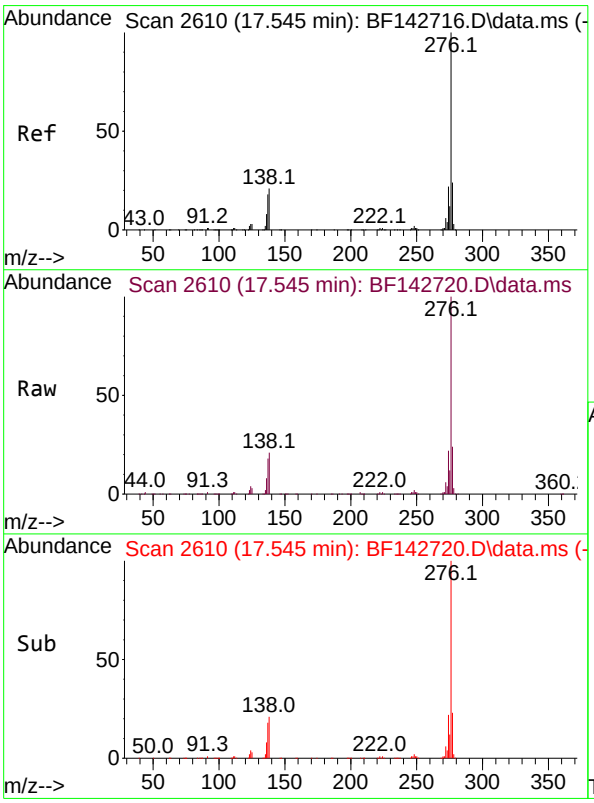
#91
Dibenzo(a,h)anthracene
Concen: 45.694 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:278 Resp: 407127

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.8	19.2
279	23.5	18.7	28.1

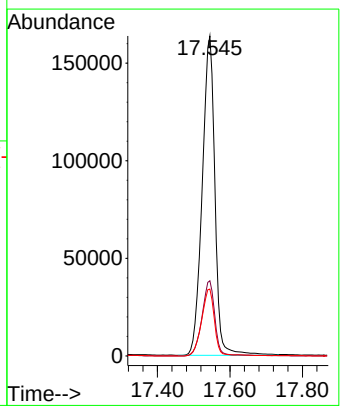




#92
Benzo(g,h,i)perylene
Concen: 45.103 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:276 Resp: 399606

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.9	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	102	0.00
2		1,4-Dioxane	0.465	0.473	-1.7	106	0.01
3		Pyridine	1.165	1.281	-10.0	112	0.01
4		n-Nitrosodimethylamine	0.596	0.662	-11.1	114	0.01
5	S	2-Fluorophenol	1.174	1.234	-5.1	108	0.00
6		Aniline	1.850	2.064	-11.6	114	0.00
7	S	Phenol-d6	1.382	1.447	-4.7	107	0.00
8		2-Chlorophenol	1.283	1.435	-11.8	113	0.00
9		Benzaldehyde	0.856	1.049	-22.5	127	0.00
10	C	Phenol	1.536	1.700	-10.7	114	0.00
11		bis(2-Chloroethyl)ether	1.147	1.254	-9.3	113	0.00
12		1,3-Dichlorobenzene	1.465	1.602	-9.4	112	0.00
13	C	1,4-Dichlorobenzene	1.480	1.626	-9.9	114	0.00
14		1,2-Dichlorobenzene	1.419	1.555	-9.6	113	0.00
15		Benzyl Alcohol	1.045	1.163	-11.3	112	0.00
16		2,2'-oxybis(1-Chloropropane	1.806	1.970	-9.1	111	0.00
17		2-Methylphenol	0.984	1.104	-12.2	113	0.00
18		Hexachloroethane	0.530	0.576	-8.7	112	0.00
19	P	n-Nitroso-di-n-propylamine	0.880	0.965	-9.7	112	0.00
20		3+4-Methylphenols	1.240	1.384	-11.6	113	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.445	0.494	-11.0	112	0.00
23	S	Nitrobenzene-d5	0.365	0.351	3.8	97	0.00
24		Nitrobenzene	0.324	0.357	-10.2	110	0.00
25		Isophorone	0.619	0.676	-9.2	110	0.00
26	C	2-Nitrophenol	0.181	0.207	-14.4	113	0.00
27		2,4-Dimethylphenol	0.308	0.353	-14.6	115	0.00
28		bis(2-Chloroethoxy)methane	0.384	0.424	-10.4	111	0.00
29	C	2,4-Dichlorophenol	0.284	0.322	-13.4	113	0.00
30		1,2,4-Trichlorobenzene	0.314	0.349	-11.1	112	0.00
31		Naphthalene	0.989	1.092	-10.4	111	0.00
32		Benzoic acid	0.174	0.208	-19.5	118	0.00
33		4-Chloroaniline	0.397	0.442	-11.3	109	0.00
34	C	Hexachlorobutadiene	0.200	0.222	-11.0	111	0.00
35		Caprolactam	0.077	0.083	-7.8	110	0.00
36	C	4-Chloro-3-methylphenol	0.296	0.325	-9.8	111	0.00
37		2-Methylnaphthalene	0.626	0.681	-8.8	109	0.00
38		1-Methylnaphthalene	0.649	0.705	-8.6	110	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	0.579	0.646	-11.6	111	0.00
41	P	Hexachlorocyclopentadiene	0.372	0.434	-16.7	112	0.00
42	S	2,4,6-Tribromophenol	0.219	0.224	-2.3	102	0.00
43	C	2,4,6-Trichlorophenol	0.375	0.419	-11.7	109	0.00
44		2,4,5-Trichlorophenol	0.405	0.459	-13.3	112	0.00
45	S	2-Fluorobiphenyl	1.505	1.412	6.2	95	0.00
46		1,1'-Biphenyl	1.553	1.733	-11.6	112	0.00
47		2-Chloronaphthalene	1.144	1.260	-10.1	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	0.325	0.359	-10.5	108	0.00
49		Acenaphthylene	1.929	2.099	-8.8	108	0.00
50		Dimethylphthalate	1.336	1.428	-6.9	107	0.00
51		2,6-Dinitrotoluene	0.289	0.313	-8.3	107	0.00
52	C	Acenaphthene	1.196	1.313	-9.8	109	0.00
53		3-Nitroaniline	0.313	0.339	-8.3	107	0.00
54	P	2,4-Dinitrophenol	0.158	0.180	-13.9	111	0.00
55		Dibenzofuran	1.703	1.836	-7.8	109	0.00
56	P	4-Nitrophenol	0.212	0.228	-7.5	105	0.00
57		2,4-Dinitrotoluene	0.382	0.415	-8.6	107	0.00
58		Fluorene	1.345	1.416	-5.3	108	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.364	-7.1	108	0.00
60		Diethylphthalate	1.324	1.384	-4.5	107	0.00
61		4-Chlorophenyl-phenylether	0.657	0.704	-7.2	108	0.00
62		4-Nitroaniline	0.280	0.292	-4.3	105	0.00
63		Azobenzene	1.157	1.250	-8.0	109	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.141	-12.8	105	0.00
66	c	n-Nitrosodiphenylamine	0.687	0.774	-12.7	107	0.00
67		4-Bromophenyl-phenylether	0.236	0.272	-15.3	109	0.00
68		Hexachlorobenzene	0.262	0.293	-11.8	107	0.00
69		Atrazine	0.183	0.199	-8.7	103	0.00
70	C	Pentachlorophenol	0.137	0.153	-11.7	102	0.00
71		Phenanthrene	1.071	1.175	-9.7	105	0.00
72		Anthracene	1.108	1.225	-10.6	107	0.00
73		Carbazole	0.928	0.998	-7.5	103	0.00
74		Di-n-butylphthalate	1.036	1.098	-6.0	101	0.00
75	C	Fluoranthene	1.019	1.038	-1.9	100	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77		Benzidine	0.712	0.865	-21.5	105	0.00
78		Pyrene	1.859	1.996	-7.4	103	0.00
79	S	Terphenyl-d14	1.456	1.337	8.2	89	0.00
80		Butylbenzylphthalate	0.550	0.667	-21.3	111	0.00
81		Benzo(a)anthracene	1.325	1.512	-14.1	108	0.00
82		3,3'-Dichlorobenzidine	0.427	0.496	-16.2	109	0.00
83		Chrysene	1.224	1.331	-8.7	110	0.00
84		Bis(2-ethylhexyl)phthalate	0.825	1.046	-26.8#	113	0.00
85	c	Di-n-octyl phthalate	1.582	1.939	-22.6#	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	100	0.00
87		Indeno(1,2,3-cd)pyrene	1.482	1.685	-13.7	113	0.00
88		Benzo(b)fluoranthene	1.178	1.325	-12.5	114	0.00
89		Benzo(k)fluoranthene	1.143	1.232	-7.8	115	0.00
90	C	Benzo(a)pyrene	1.120	1.274	-13.7	115	0.00
91		Dibenzo(a,h)anthracene	1.210	1.382	-14.2	112	0.00
92		Benzo(g,h,i)perylene	1.203	1.357	-12.8	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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 = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
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Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	102	0.00
2		1,4-Dioxane	40.000	40.706	-1.8	106	0.01
3		Pyridine	40.000	43.958	-9.9	112	0.01
4		n-Nitrosodimethylamine	40.000	44.403	-11.0	114	0.01
5	S	2-Fluorophenol	80.000	84.041	-5.1	108	0.00
6		Aniline	40.000	44.644	-11.6	114	0.00
7	S	Phenol-d6	80.000	83.751	-4.7	107	0.00
8		2-Chlorophenol	40.000	44.721	-11.8	113	0.00
9		Benzaldehyde	40.000	49.036	-22.6	127	0.00
10	C	Phenol	40.000	44.263	-10.7	114	0.00
11		bis(2-Chloroethyl)ether	40.000	43.725	-9.3	113	0.00
12		1,3-Dichlorobenzene	40.000	43.756	-9.4	112	0.00
13	C	1,4-Dichlorobenzene	40.000	43.933	-9.8	114	0.00
14		1,2-Dichlorobenzene	40.000	43.831	-9.6	113	0.00
15		Benzyl Alcohol	40.000	44.548	-11.4	112	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	43.622	-9.1	111	0.00
17		2-Methylphenol	40.000	44.868	-12.2	113	0.00
18		Hexachloroethane	40.000	43.420	-8.6	112	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.882	-9.7	112	0.00
20		3+4-Methylphenols	40.000	44.648	-11.6	113	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	44.413	-11.0	112	0.00
23	S	Nitrobenzene-d5	80.000	76.808	4.0	97	0.00
24		Nitrobenzene	40.000	43.992	-10.0	110	0.00
25		Isophorone	40.000	43.695	-9.2	110	0.00
26	C	2-Nitrophenol	40.000	45.726	-14.3	113	0.00
27		2,4-Dimethylphenol	40.000	45.831	-14.6	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	44.101	-10.3	111	0.00
29	C	2,4-Dichlorophenol	40.000	45.296	-13.2	113	0.00
30		1,2,4-Trichlorobenzene	40.000	44.466	-11.2	112	0.00
31		Naphthalene	40.000	44.151	-10.4	111	0.00
32		Benzoic acid	40.000	47.951	-19.9	118	0.00
33		4-Chloroaniline	40.000	44.530	-11.3	109	0.00
34	C	Hexachlorobutadiene	40.000	44.378	-10.9	111	0.00
35		Caprolactam	40.000	43.345	-8.4	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.991	-10.0	111	0.00
37		2-Methylnaphthalene	40.000	43.503	-8.8	109	0.00
38		1-Methylnaphthalene	40.000	43.455	-8.6	110	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.649	-11.6	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.731	-16.8	112	0.00
42	S	2,4,6-Tribromophenol	80.000	81.692	-2.1	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.714	-11.8	109	0.00
44		2,4,5-Trichlorophenol	40.000	45.379	-13.4	112	0.00
45	S	2-Fluorobiphenyl	80.000	75.043	6.2	95	0.00
46		1,1'-Biphenyl	40.000	44.647	-11.6	112	0.00
47		2-Chloronaphthalene	40.000	44.040	-10.1	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	44.136	-10.3	108	0.00
49		Acenaphthylene	40.000	43.524	-8.8	108	0.00
50		Dimethylphthalate	40.000	42.773	-6.9	107	0.00
51		2,6-Dinitrotoluene	40.000	43.408	-8.5	107	0.00
52	C	Acenaphthene	40.000	43.917	-9.8	109	0.00
53		3-Nitroaniline	40.000	43.317	-8.3	107	0.00
54	P	2,4-Dinitrophenol	40.000	45.522	-13.8	111	0.00
55		Dibenzofuran	40.000	43.111	-7.8	109	0.00
56	P	4-Nitrophenol	40.000	42.908	-7.3	105	0.00
57		2,4-Dinitrotoluene	40.000	43.516	-8.8	107	0.00
58		Fluorene	40.000	42.112	-5.3	108	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.746	-6.9	108	0.00
60		Diethylphthalate	40.000	41.798	-4.5	107	0.00
61		4-Chlorophenyl-phenylether	40.000	42.866	-7.2	108	0.00
62		4-Nitroaniline	40.000	41.707	-4.3	105	0.00
63		Azobenzene	40.000	43.227	-8.1	109	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.188	-13.0	105	0.00
66	c	n-Nitrosodiphenylamine	40.000	45.023	-12.6	107	0.00
67		4-Bromophenyl-phenylether	40.000	46.092	-15.2	109	0.00
68		Hexachlorobenzene	40.000	44.795	-12.0	107	0.00
69		Atrazine	40.000	43.408	-8.5	103	0.00
70	C	Pentachlorophenol	40.000	44.637	-11.6	102	0.00
71		Phenanthrene	40.000	43.859	-9.6	105	0.00
72		Anthracene	40.000	44.214	-10.5	107	0.00
73		Carbazole	40.000	43.010	-7.5	103	0.00
74		Di-n-butylphthalate	40.000	42.379	-5.9	101	0.00
75	C	Fluoranthene	40.000	40.746	-1.9	100	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77		Benzidine	40.000	48.599	-21.5	105	0.00
78		Pyrene	40.000	42.968	-7.4	103	0.00
79	S	Terphenyl-d14	80.000	73.446	8.2	89	0.00
80		Butylbenzylphthalate	40.000	48.561	-21.4	111	0.00
81		Benzo(a)anthracene	40.000	45.643	-14.1	108	0.00
82		3,3'-Dichlorobenzidine	40.000	46.382	-16.0	109	0.00
83		Chrysene	40.000	43.522	-8.8	110	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	50.747	-26.9#	113	0.00
85	c	Di-n-octyl phthalate	40.000	49.022	-22.6#	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	100	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	45.483	-13.7	113	0.00
88		Benzo(b)fluoranthene	40.000	45.005	-12.5	114	0.00
89		Benzo(k)fluoranthene	40.000	43.126	-7.8	115	0.00
90	C	Benzo(a)pyrene	40.000	45.514	-13.8	115	0.00
91		Dibenzo(a,h)anthracene	40.000	45.694	-14.2	112	0.00
92		Benzo(g,h,i)perylene	40.000	45.103	-12.8	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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 = 1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG No.: Q2181

Instrument ID: BNA_F Calibration Date/Time: 06/05/2025 09:37

Lab File ID: BF142625.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.156		-2.6	
Phenol-d6	1.429	1.381		-3.4	
Nitrobenzene-d5	0.367	0.346		-5.7	
2,4-Dimethylphenol	0.312	0.301		-3.5	
2-Fluorobiphenyl	1.490	1.337		-10.3	
2,4,6-Tribromophenol	0.222	0.204		-8.1	
Terphenyl-d14	1.464	1.276		-12.8	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122240	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	479356	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	254347	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	415186	20.000	ng	0.00
76) Chrysene-d12	14.068	240	211462	20.000	ng	0.00
86) Perylene-d12	15.562	264	258069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	565183	77.896	ng	0.00
7) Phenol-d6	6.528	99	675250	77.312	ng	0.00
23) Nitrobenzene-d5	7.463	82	662626	75.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	207397	73.469	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1360602	71.781	ng	-0.01
79) Terphenyl-d14	13.010	244	1079006	69.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	117326	40.410	ng	99
3) Pyridine	3.434	79	302747	40.947	ng	99
4) n-Nitrosodimethylamine	3.387	42	146993	38.290	ng	91
6) Aniline	6.557	93	463534	39.471	ng	99
8) 2-Chlorophenol	6.681	128	309625	39.178	ng	99
9) Benzaldehyde	6.445	77	194934	37.107	ng	99
10) Phenol	6.539	94	383244	38.996	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	276239	39.048	ng	99
12) 1,3-Dichlorobenzene	6.839	146	340324	38.592	ng	98
13) 1,4-Dichlorobenzene	6.916	146	343656	38.687	ng	98
14) 1,2-Dichlorobenzene	7.069	146	326506	38.413	ng	100
15) Benzyl Alcohol	7.034	79	246048	38.121	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	458733	38.613	ng	98
17) 2-Methylphenol	7.145	107	238931	38.723	ng	97
18) Hexachloroethane	7.410	117	120227	38.760	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	200179	36.981	ng	97
20) 3+4-Methylphenols	7.304	107	296530	37.528	ng	94
22) Acetophenone	7.304	105	393308	37.065	ng	97
24) Nitrobenzene	7.481	77	298941	37.704	ng	100
25) Isophorone	7.722	82	542792	36.930	ng	98
26) 2-Nitrophenol	7.798	139	166904	39.397	ng	95
27) 2,4-Dimethylphenol	7.834	122	288234	38.580	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	346994	37.793	ng	99
29) 2,4-Dichlorophenol	8.039	162	260092	38.280	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	278814	37.811	ng	98
31) Naphthalene	8.204	128	885322	37.509	ng	100
32) Benzoic acid	7.939	122	165610	36.415	ng	97
33) 4-Chloroaniline	8.251	127	367280	38.402	ng	99
34) Hexachlorobutadiene	8.322	225	168816	36.666	ng	99
35) Caprolactam	8.622	113	72582	38.036	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	255646	36.714	ng	97
37) 2-Methylnaphthalene	8.892	142	554992	37.375	ng	99
38) 1-Methylnaphthalene	8.992	142	568323	37.001	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	279337	38.259	ng	99
41) Hexachlorocyclopentadiene	9.045	237	170660	34.650	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	190008	38.593	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

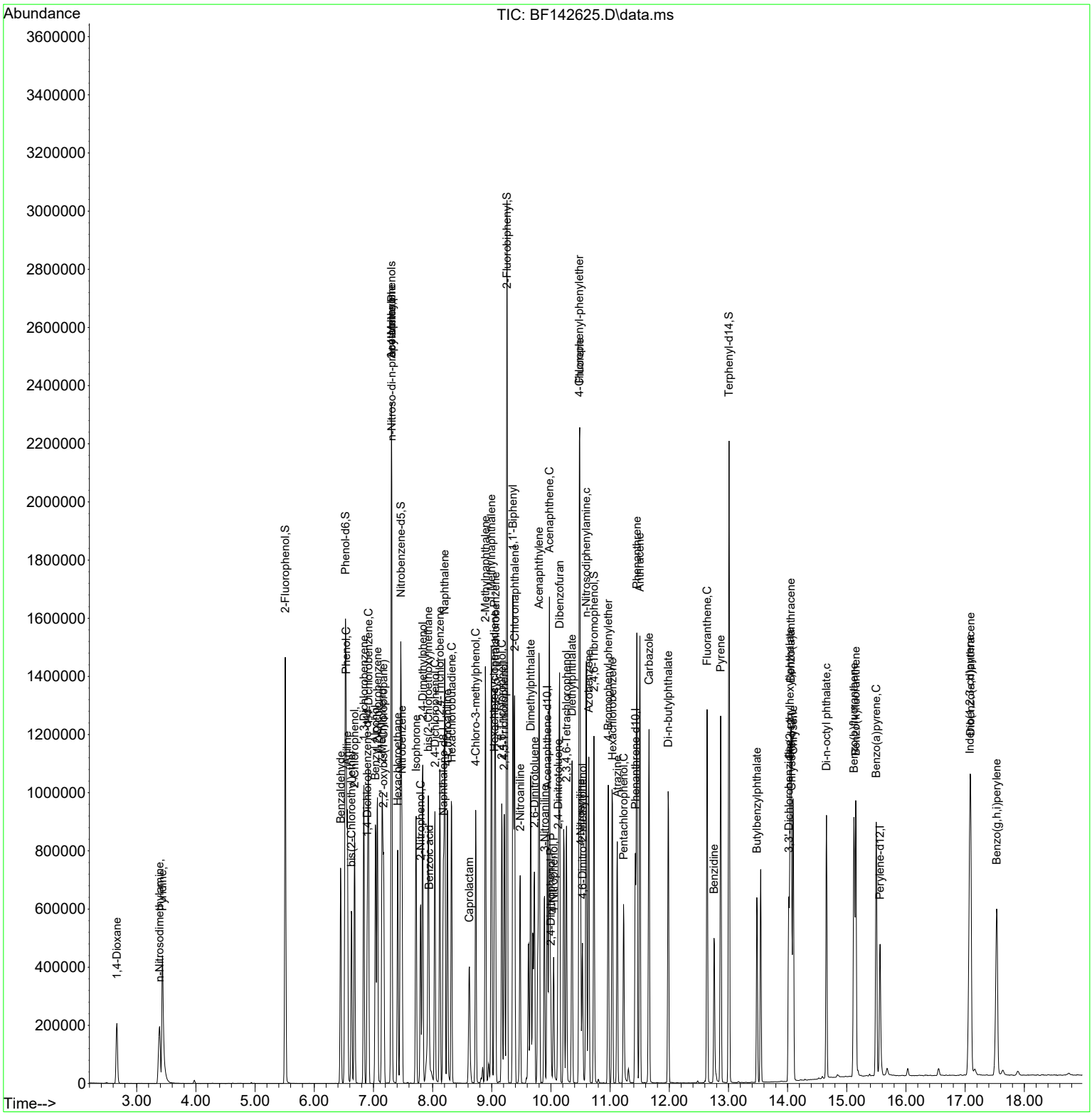
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	197152	37.970	ng	99
46) 1,1'-Biphenyl	9.357	154	736916	37.345	ng	99
47) 2-Chloronaphthalene	9.386	162	547604	37.561	ng	98
48) 2-Nitroaniline	9.480	65	162546	38.573	ng	96
49) Acenaphthylene	9.798	152	923827	37.526	ng	99
50) Dimethylphthalate	9.657	163	624500	37.211	ng	100
51) 2,6-Dinitrotoluene	9.722	165	138997	38.373	ng	96
52) Acenaphthene	9.975	154	558219	37.134	ng	100
53) 3-Nitroaniline	9.892	138	152621	38.576	ng	98
54) 2,4-Dinitrophenol	9.998	184	67113	35.863	ng	92
55) Dibenzofuran	10.145	168	802015	37.075	ng	98
56) 4-Nitrophenol	10.045	139	103215	35.358	ng	97
57) 2,4-Dinitrotoluene	10.122	165	184516	39.006	ng	100
58) Fluorene	10.486	166	619433	37.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163981	37.830	ng	98
60) Diethylphthalate	10.357	149	599493	36.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	304161	37.050	ng	95
62) 4-Nitroaniline	10.504	138	136075	37.923	ng	96
63) Azobenzene	10.639	77	544794	37.006	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	92901	40.095	ng	97
66) n-Nitrosodiphenylamine	10.598	169	536787	37.790	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	186513	37.992	ng	98
68) Hexachlorobenzene	11.039	284	207193	38.159	ng	97
69) Atrazine	11.122	200	138466	36.706	ng	98
70) Pentachlorophenol	11.227	266	108497	35.392	ng	99
71) Phenanthrene	11.451	178	820995	37.001	ng	99
72) Anthracene	11.504	178	855814	37.793	ng	100
73) Carbazole	11.657	167	713838	36.874	ng	99
74) Di-n-butylphthalate	11.980	149	744205	35.120	ng	99
75) Fluoranthene	12.639	202	750697	36.208	ng	98
77) Benzidine	12.757	184	307371	39.060	ng	100
78) Pyrene	12.868	202	725329	36.770	ng	99
80) Butylbenzylphthalate	13.480	149	213901	39.243	ng	99
81) Benzo(a)anthracene	14.057	228	528205	37.407	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	191991	44.828	ng	99
83) Chrysene	14.092	228	486885	38.373	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	318517	45.647	ng	100
85) Di-n-octyl phthalate	14.657	149	613319	44.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	672440	34.708	ng	99
88) Benzo(b)fluoranthene	15.121	252	609473	39.903	ng	98
89) Benzo(k)fluoranthene	15.151	252	481854	33.683	ng	98
90) Benzo(a)pyrene	15.498	252	544912	37.849	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	546160	34.758	ng	99
92) Benzo(g,h,i)perylene	17.533	276	543394	34.574	ng	98

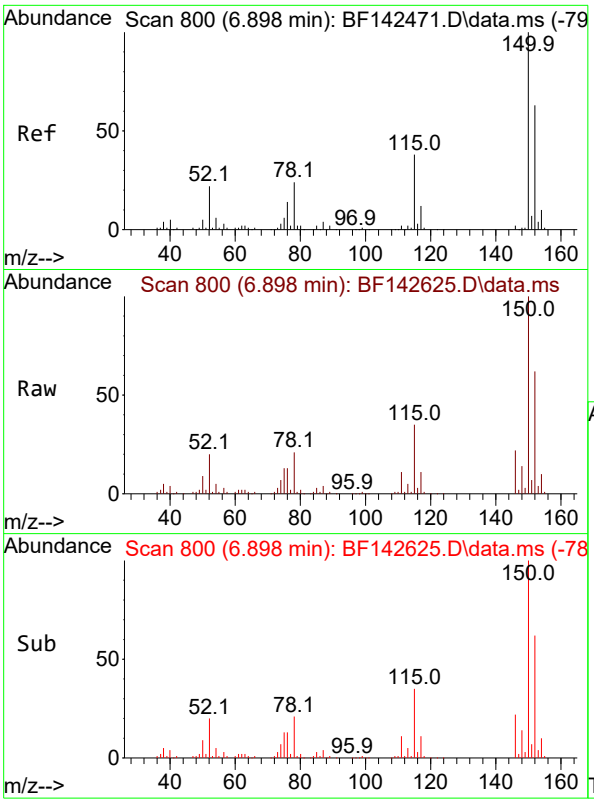
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



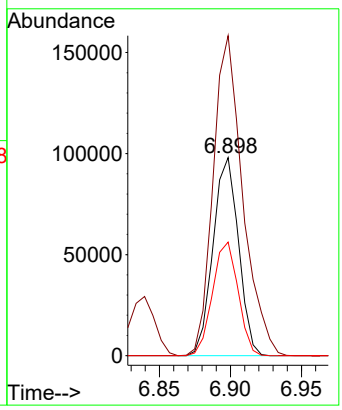


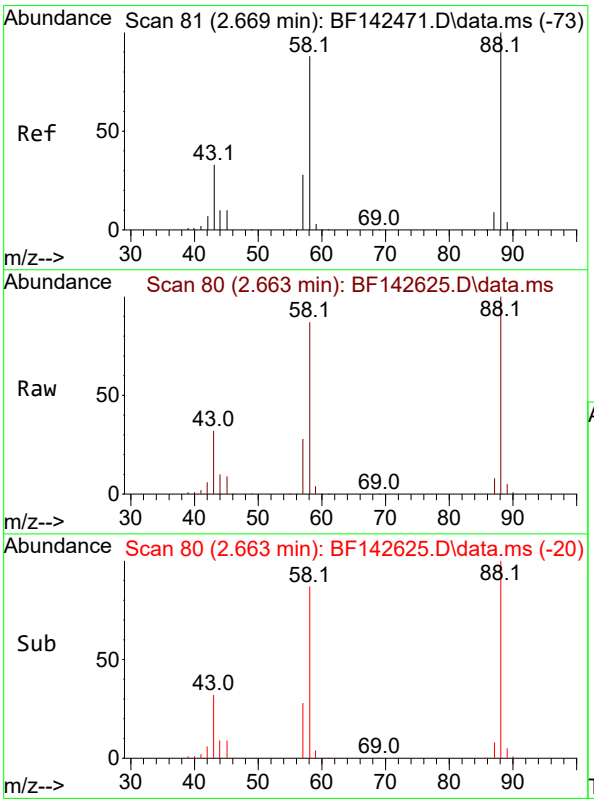
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 122240

Ion	Ratio	Lower	Upper
152	100		
150	161.5	128.2	192.4
115	57.3	48.3	72.5

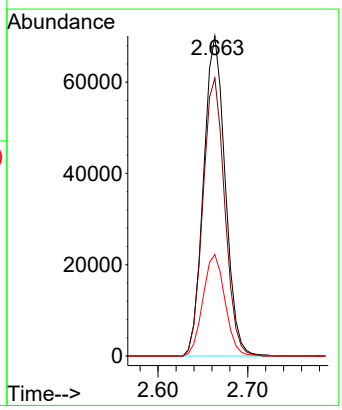


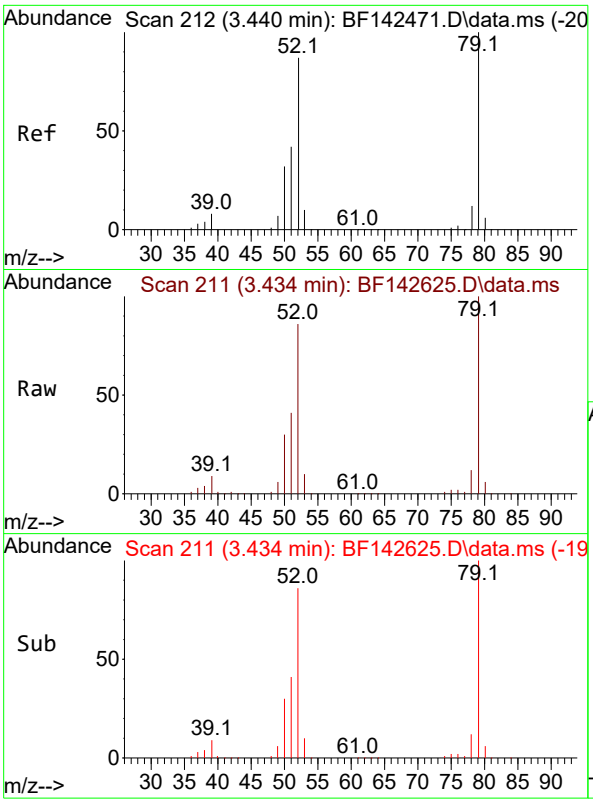


#2
1,4-Dioxane
Concen: 40.410 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 88 Resp: 117326

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.8	106.2
43	32.2	26.6	40.0



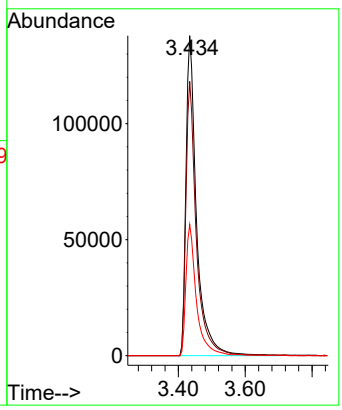


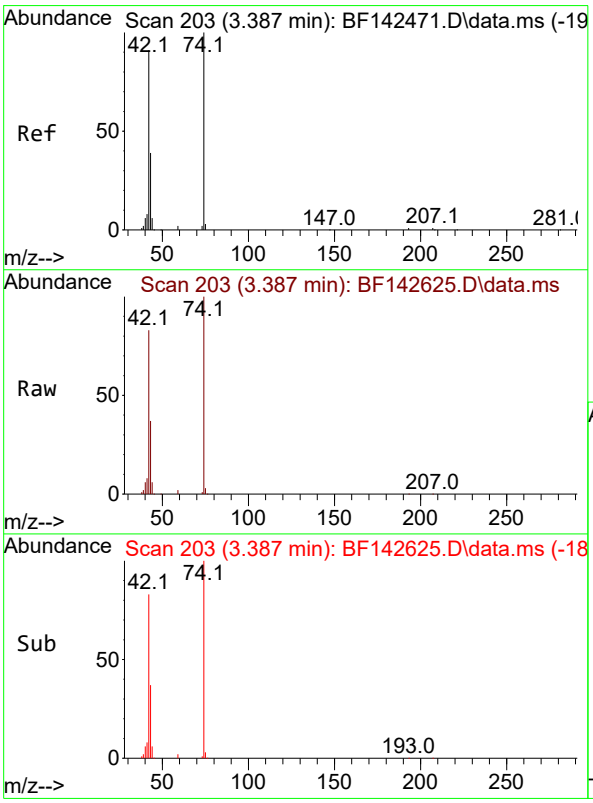
#3
Pyridine
Concen: 40.947 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 302747

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.2	103.8
51	41.0	33.3	49.9

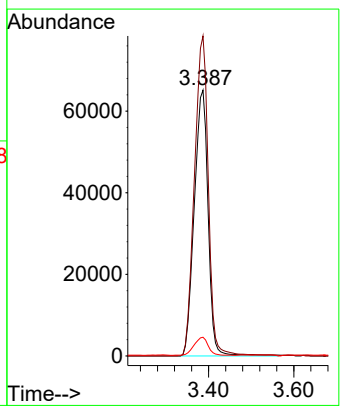


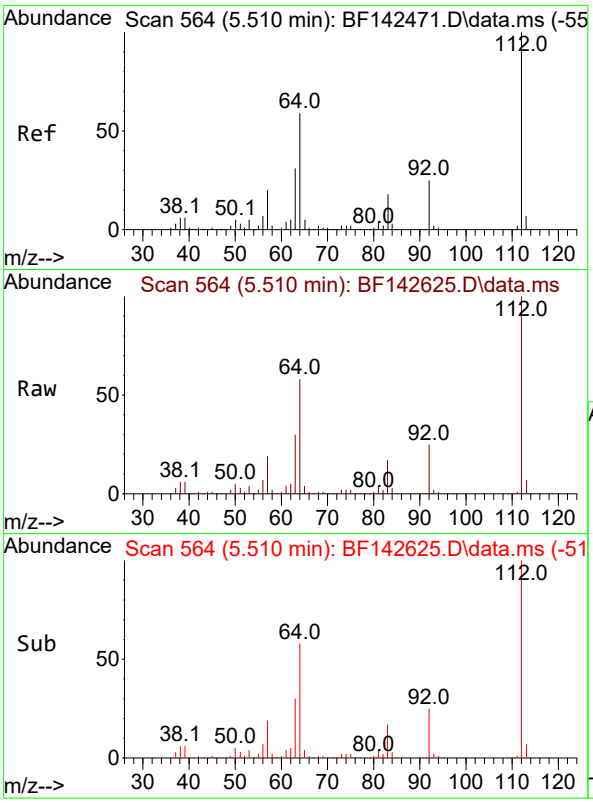


#4
n-Nitrosodimethylamine
Concen: 38.290 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 42 Resp: 146993

Ion	Ratio	Lower	Upper
42	100		
74	120.4	88.2	132.4
44	7.0	5.4	8.2



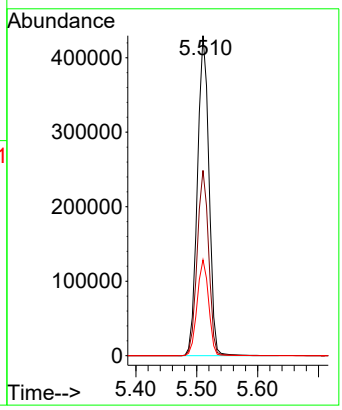


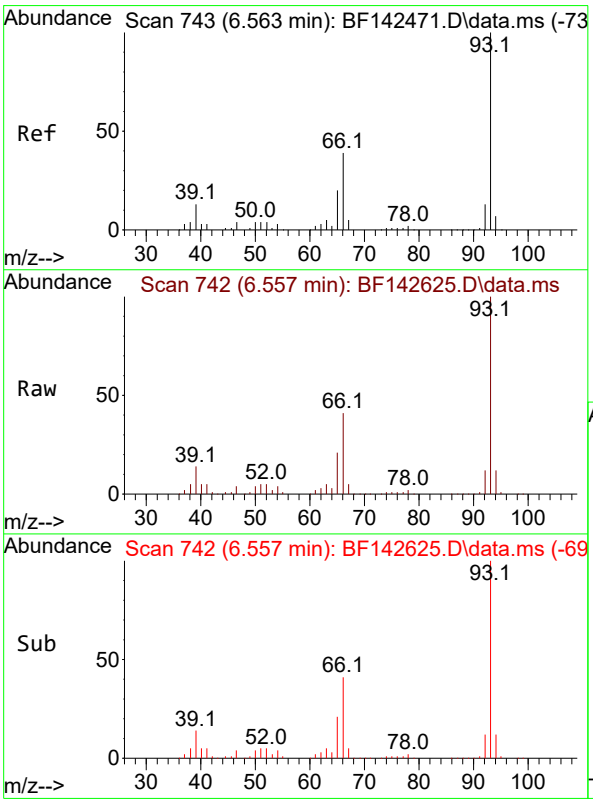
#5
2-Fluorophenol
Concen: 77.896 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 565183

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.5	71.3
63	30.0	24.9	37.3

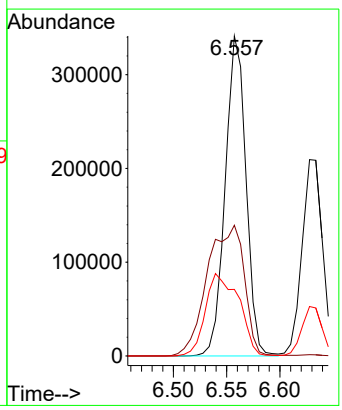


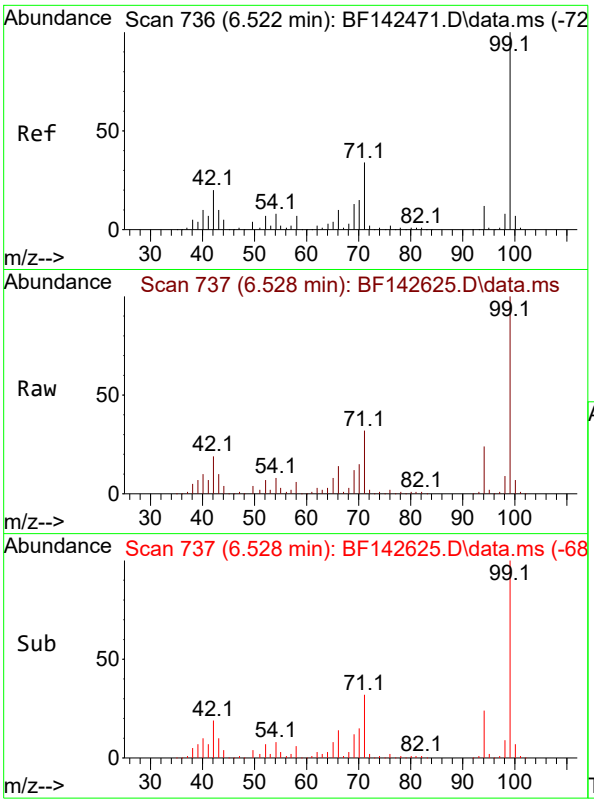


#6
Aniline
Concen: 39.471 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 93 Resp: 463534

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.0	48.0
65	20.8	16.1	24.1



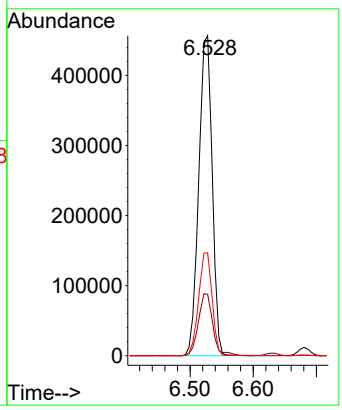


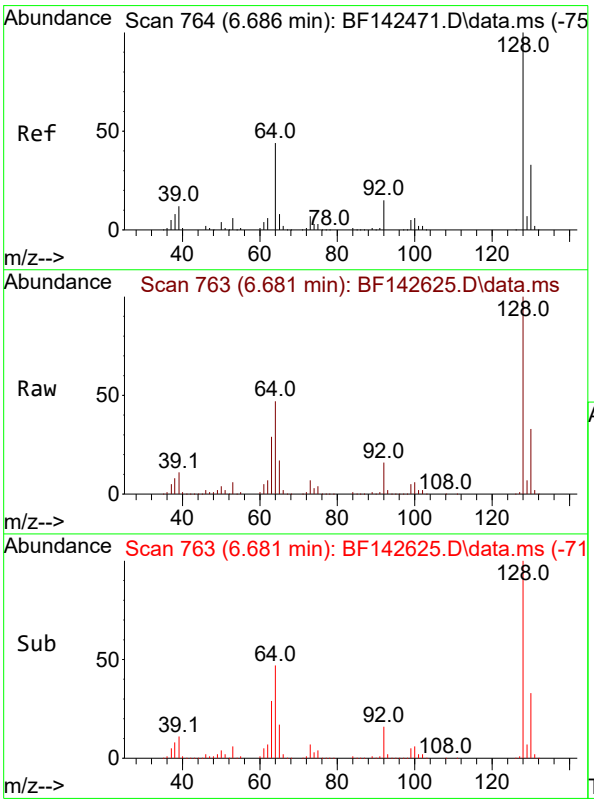
#7
Phenol-d6
Concen: 77.312 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 675250

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.2	24.2
71	32.2	27.3	40.9

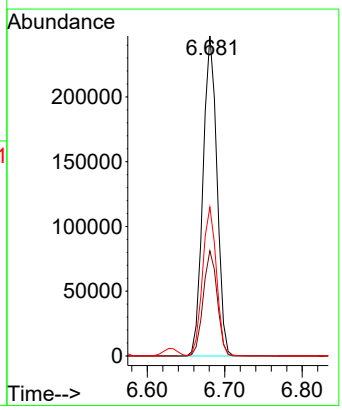


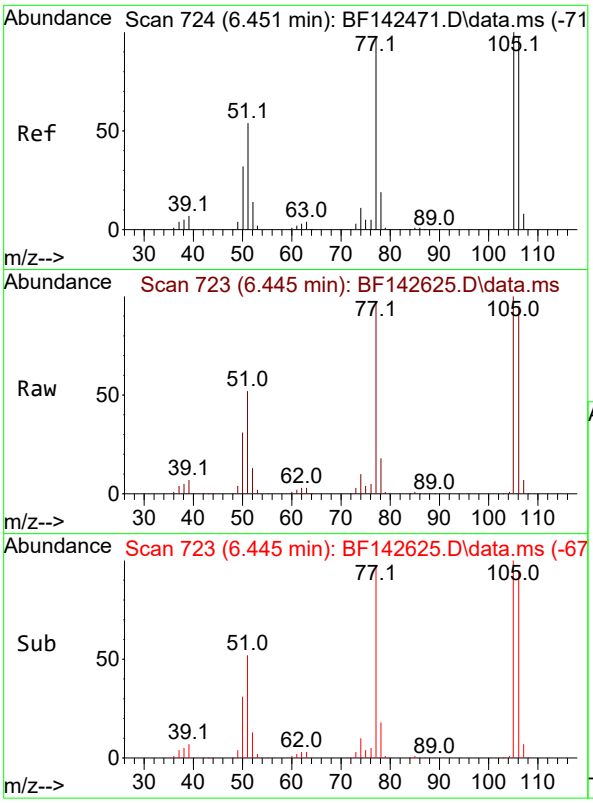


#8
2-Chlorophenol
Concen: 39.178 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:128 Resp: 309625

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	46.5	25.1	65.1



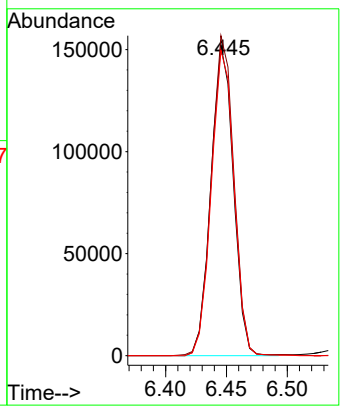


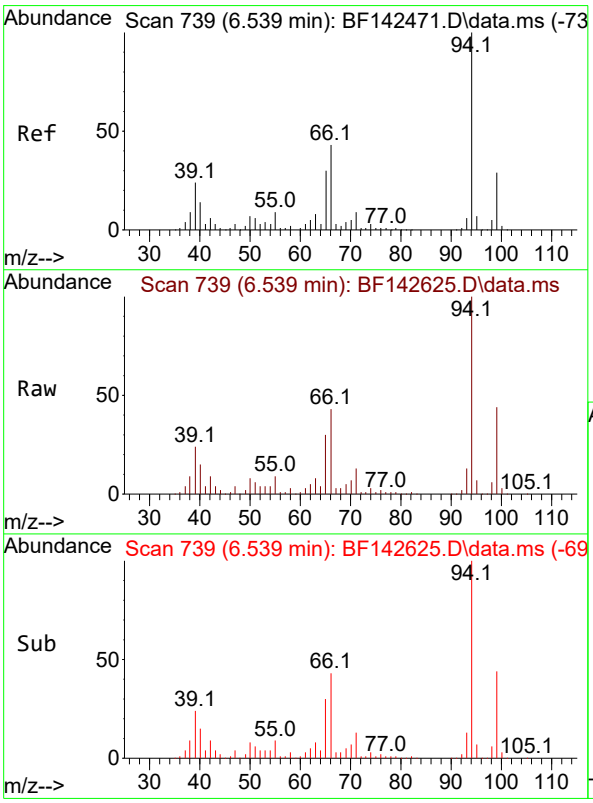
#9
Benzaldehyde
Concen: 37.107 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 194934

Ion	Ratio	Lower	Upper
77	100		
105	103.0	82.5	122.5
106	98.4	80.0	120.0

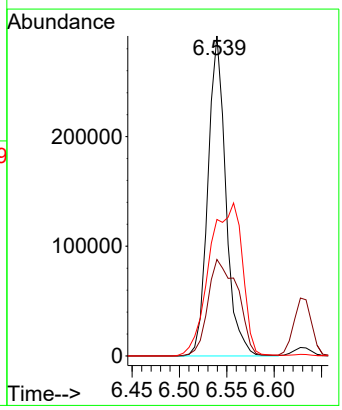


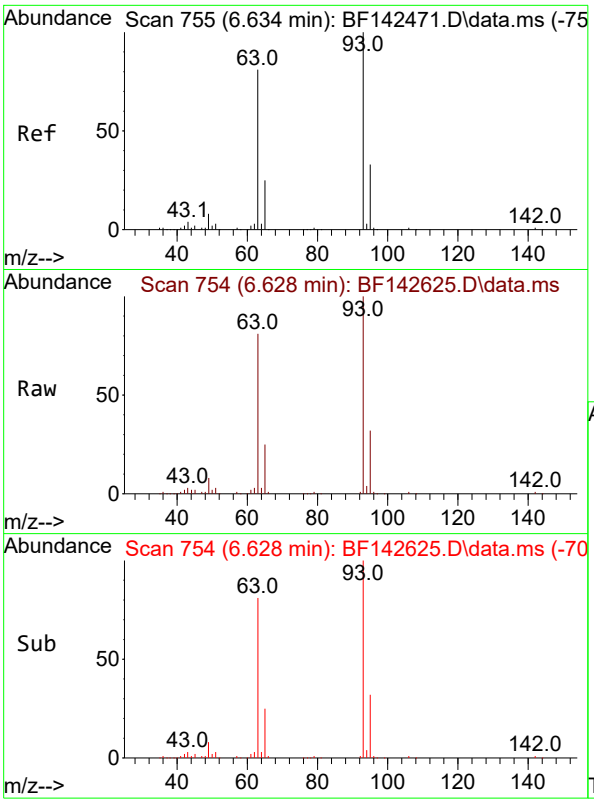


#10
Phenol
Concen: 38.996 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 94 Resp: 383244

Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.3	50.3
66	42.6	22.6	62.6



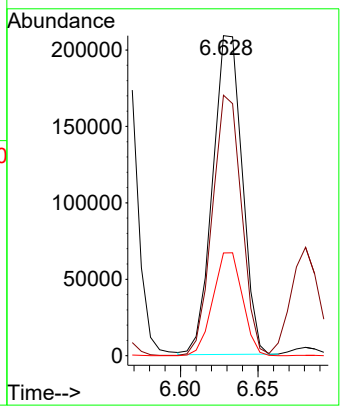


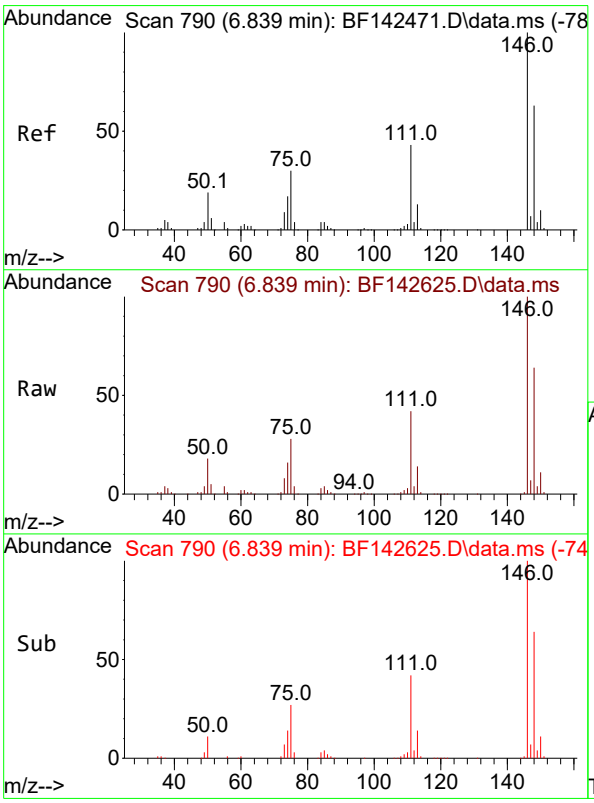
#11
bis(2-Chloroethyl)ether
Concen: 39.048 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 276239

Ion	Ratio	Lower	Upper
93	100		
63	81.4	60.2	100.2
95	32.1	12.3	52.3

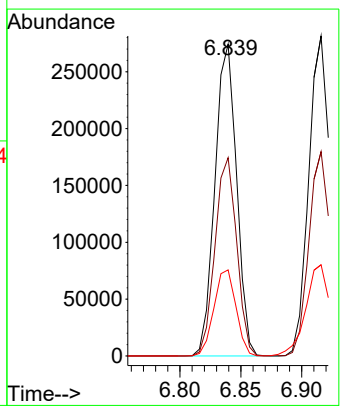


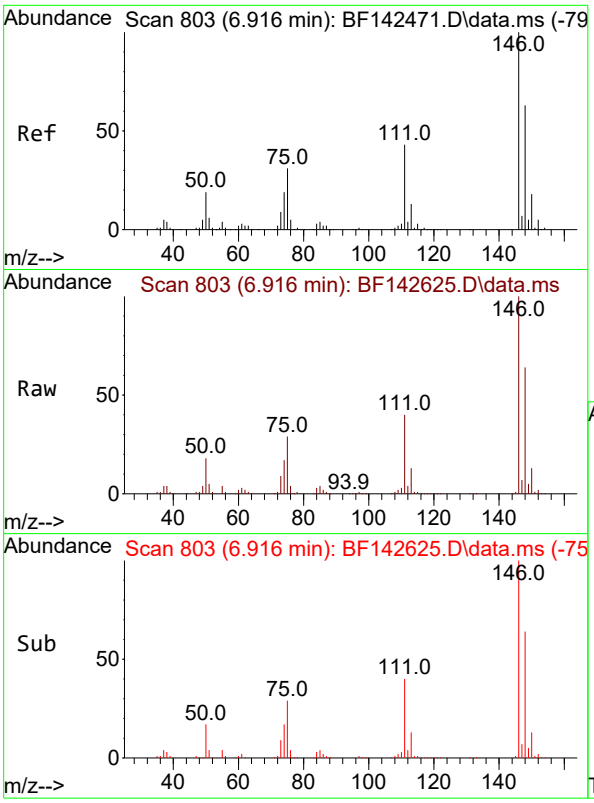


#12
1,3-Dichlorobenzene
Concen: 38.592 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:146 Resp: 340324

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	27.6	23.8	35.6



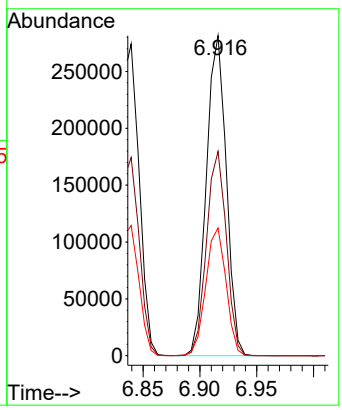


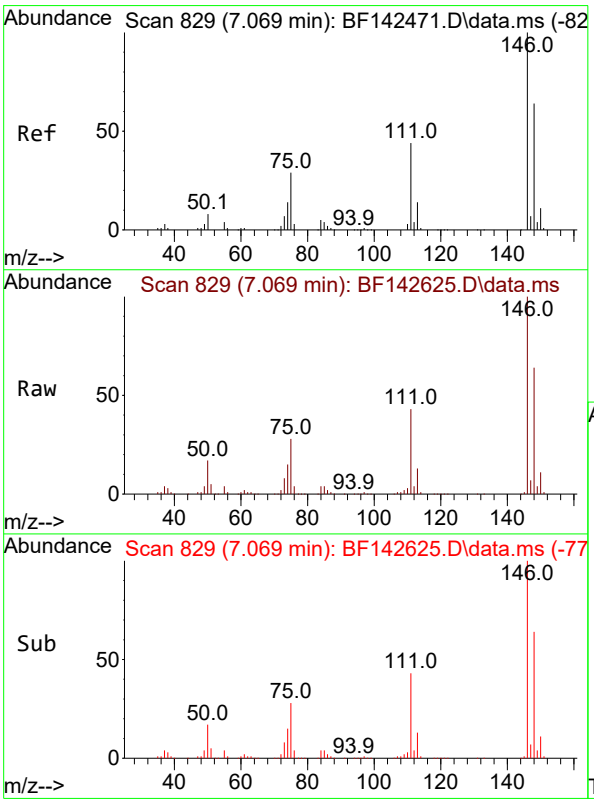
#13
1,4-Dichlorobenzene
Concen: 38.687 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 343656

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	39.9	34.1	51.1

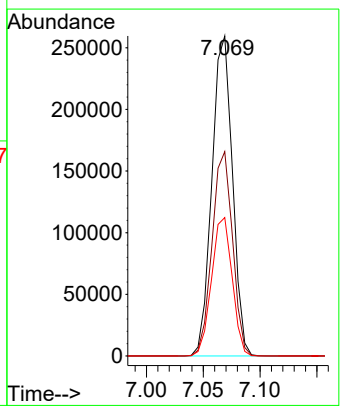


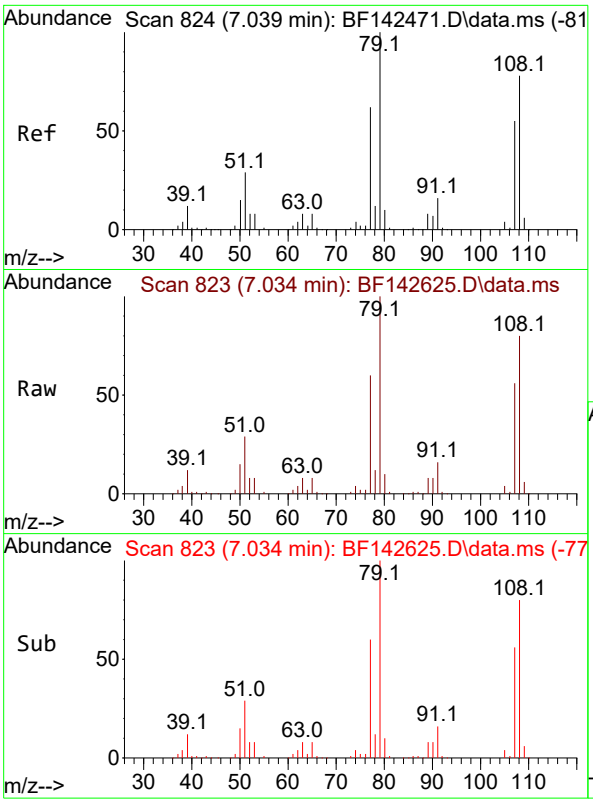


#14
1,2-Dichlorobenzene
Concen: 38.413 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:146 Resp: 326506

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	43.3	35.0	52.6



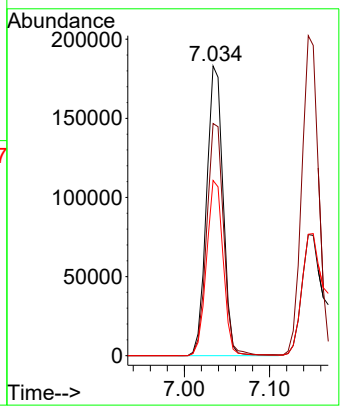


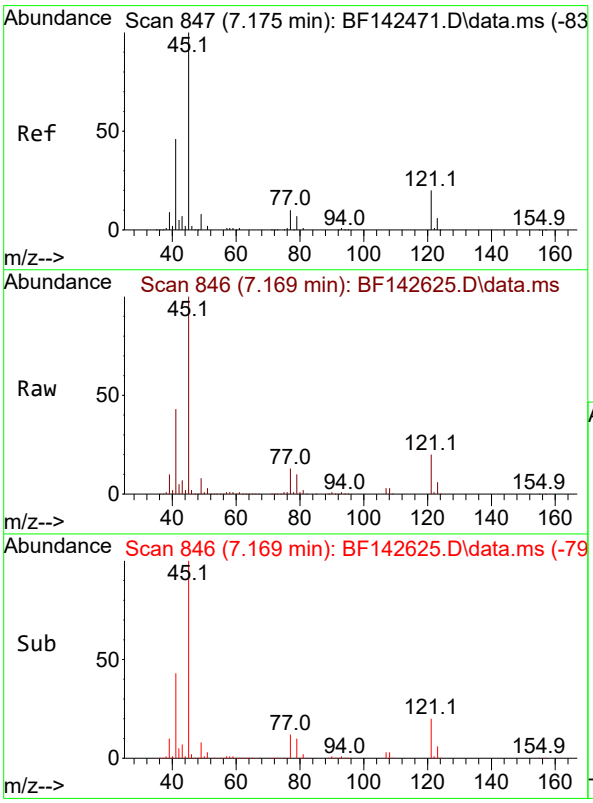
#15
Benzyl Alcohol
Concen: 38.121 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 246048

Ion	Ratio	Lower	Upper
79	100		
108	80.1	62.1	93.1
77	60.5	49.5	74.3

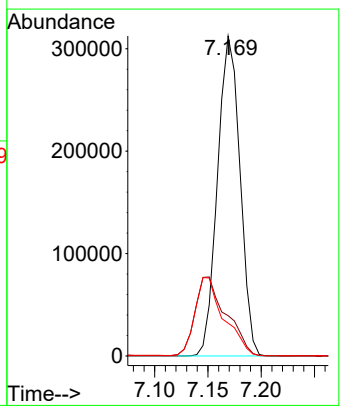


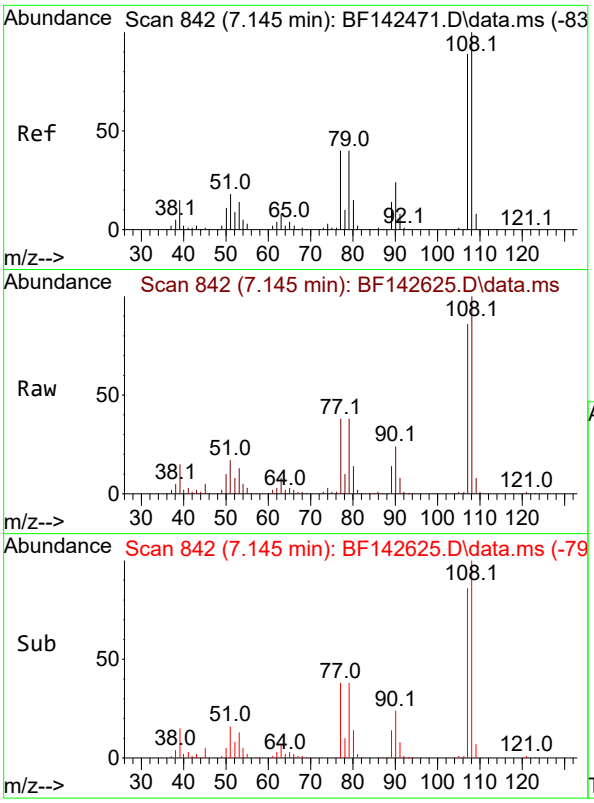


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.613 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 45 Resp: 458733

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.0
79	10.3	0.0	29.2



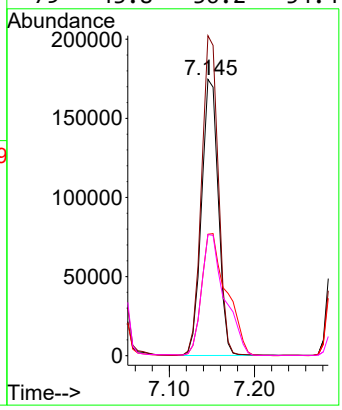


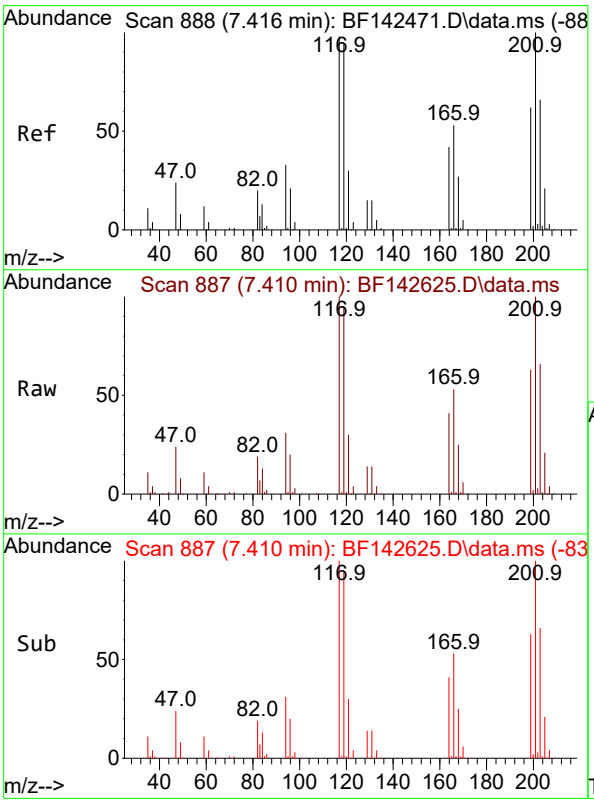
#17
2-Methylphenol
Concen: 38.723 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 238931

Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.2	135.2
77	43.9	36.1	54.1
79	43.8	36.2	54.4

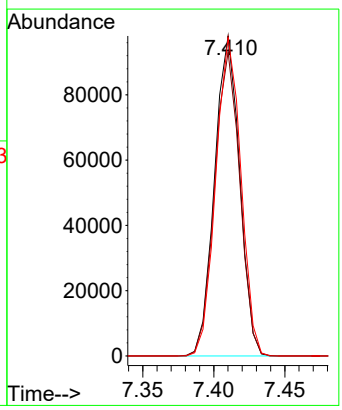


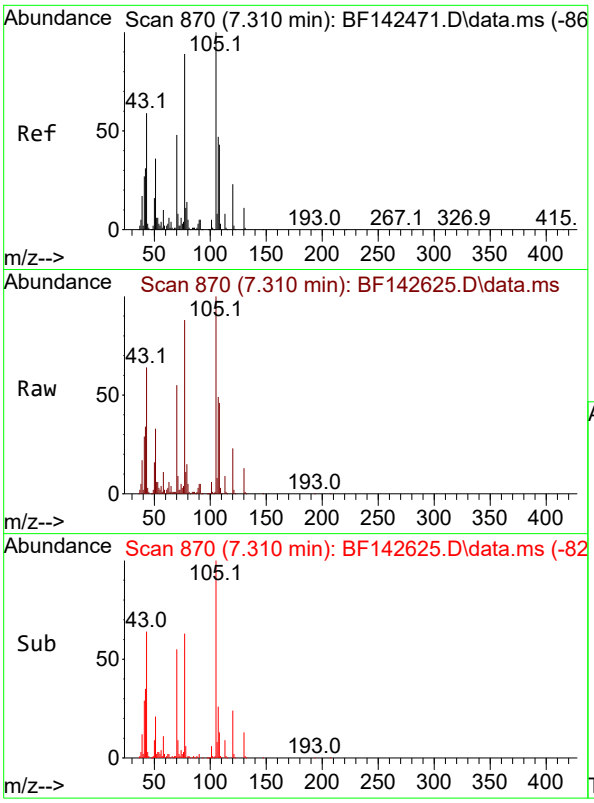


#18
Hexachloroethane
Concen: 38.760 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:117 Resp: 120227

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	99.5	81.3	121.9



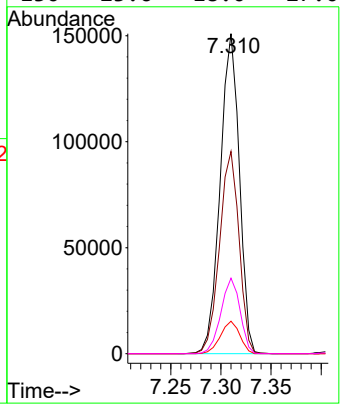


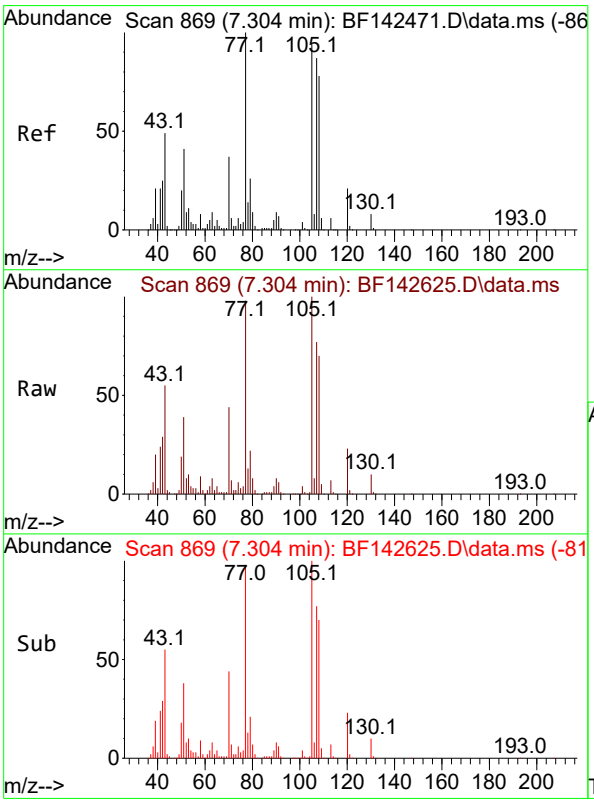
#19
n-Nitroso-di-n-propylamine
Concen: 36.981 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 200179

Ion	Ratio	Lower	Upper
70	100		
42	63.2	52.4	78.6
101	10.1	7.8	11.8
130	23.6	18.0	27.0

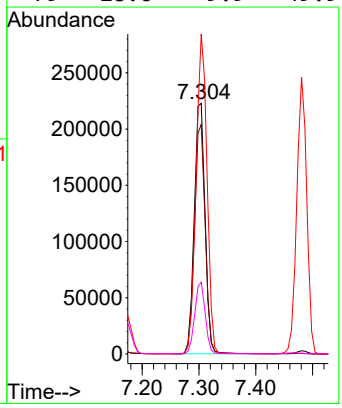


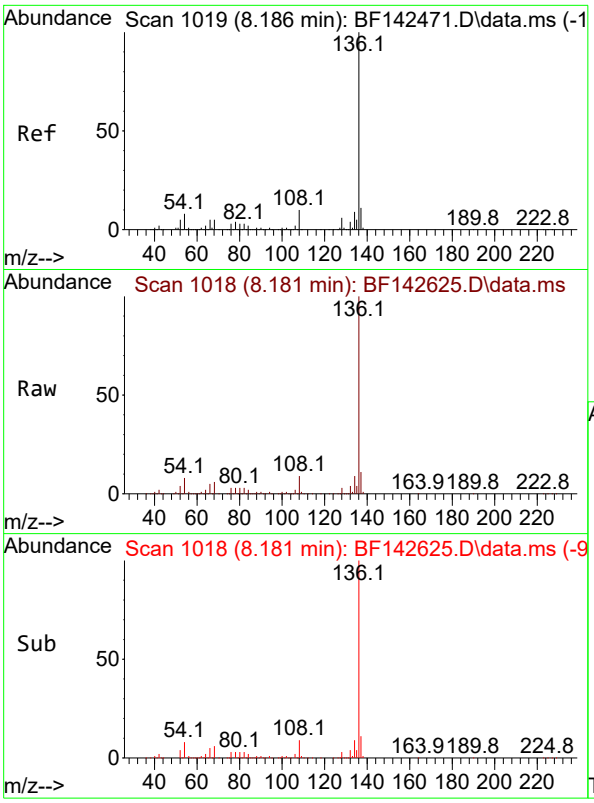


#20
3+4-Methylphenols
Concen: 37.528 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:107 Resp: 296530

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.4	110.4
77	127.7	95.4	135.4
79	28.6	9.9	49.9



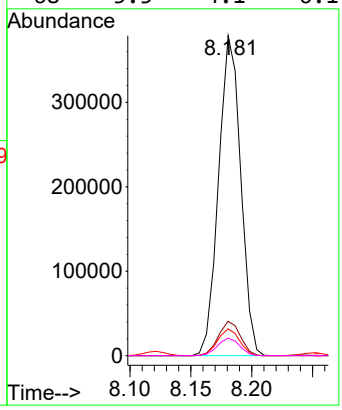


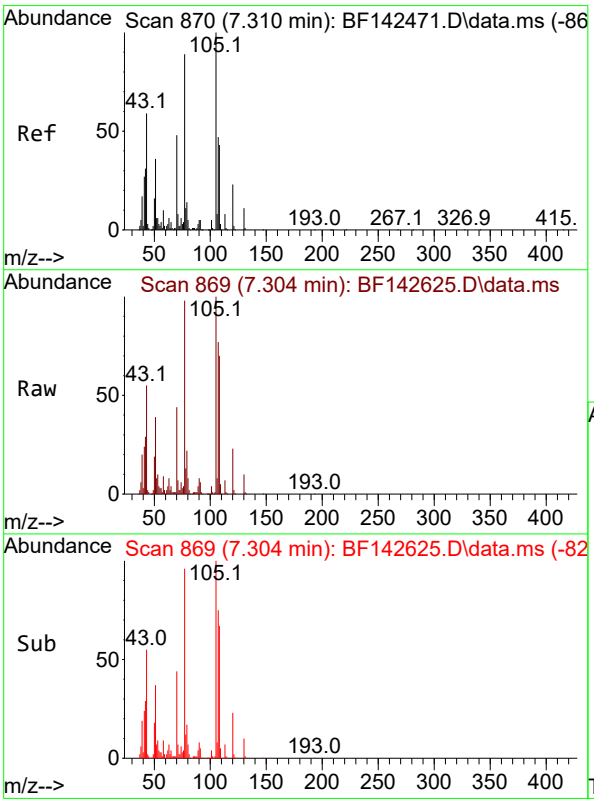
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 479356

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.6	10.0
68	5.5	4.1	6.1

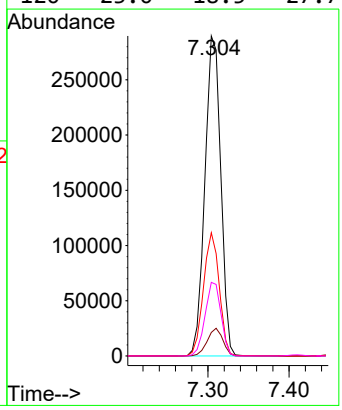


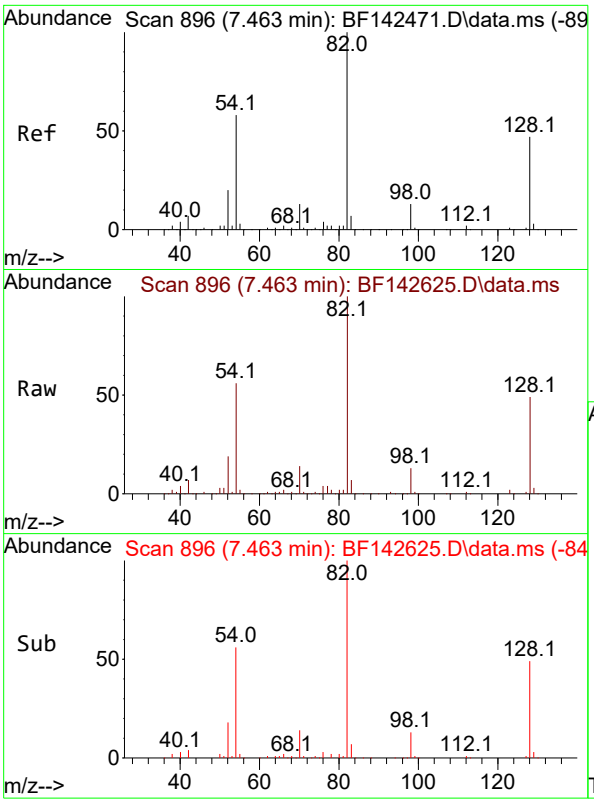


#22
Acetophenone
Concen: 37.065 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:105 Resp: 393308

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.4	9.6
51	38.5	28.6	42.8
120	23.0	18.5	27.7



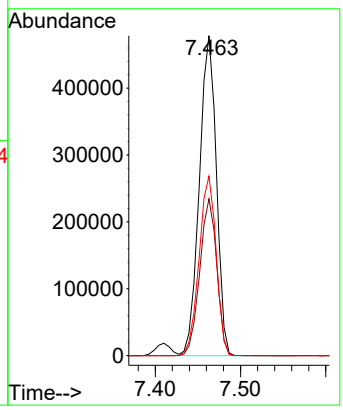


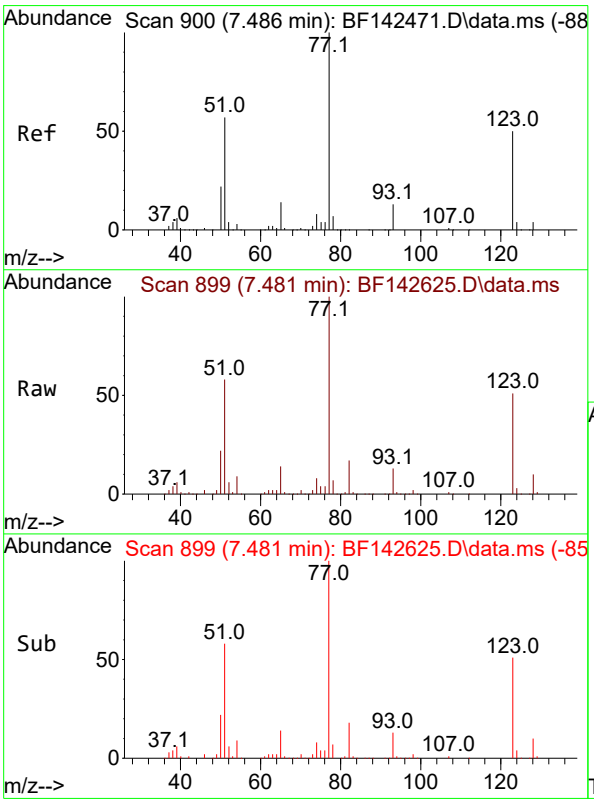
#23
Nitrobenzene-d5
Concen: 75.377 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 662626

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.4	56.2
54	56.1	46.6	70.0

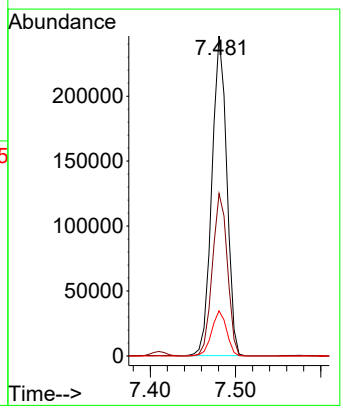


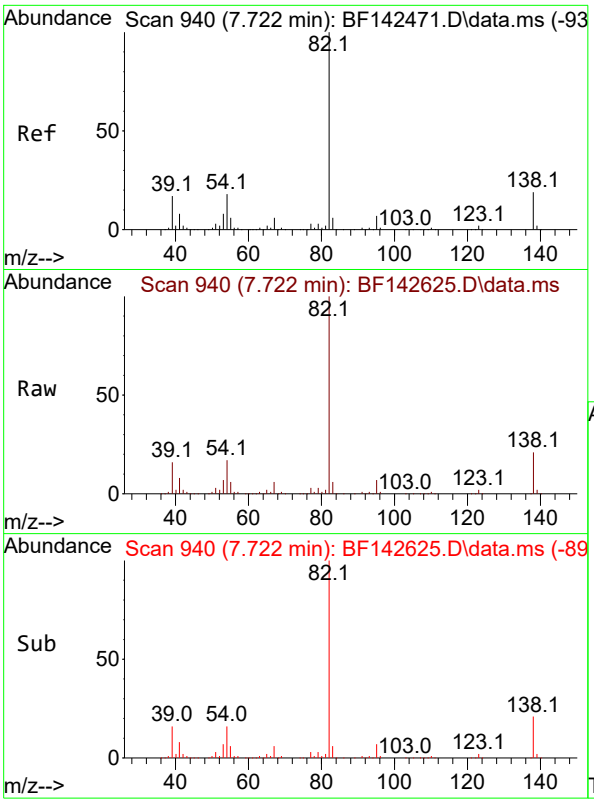


#24
Nitrobenzene
Concen: 37.704 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 77 Resp: 298941

Ion	Ratio	Lower	Upper
77	100		
123	50.7	40.6	61.0
65	14.1	11.4	17.2



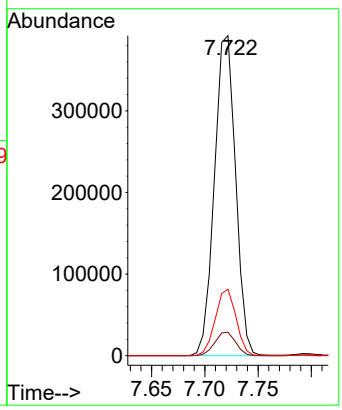


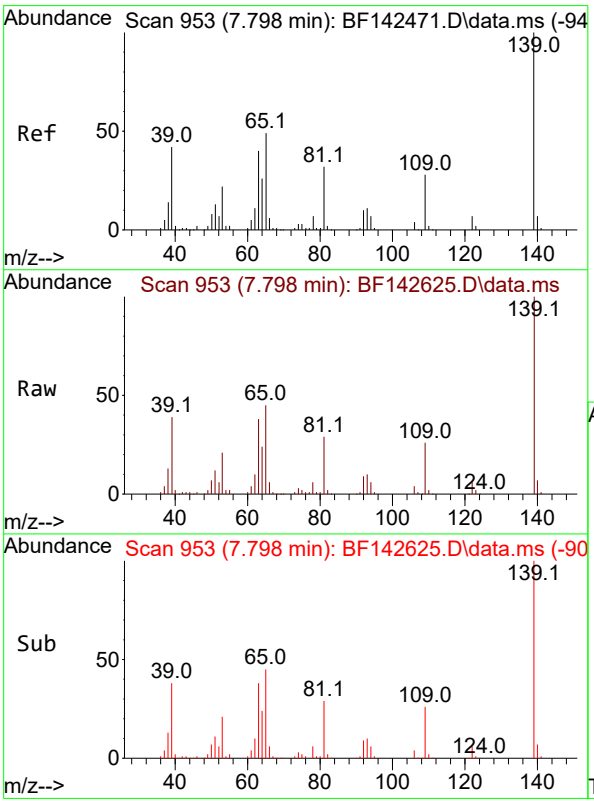
#25
Isophorone
Concen: 36.930 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 542792

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.8	15.5	23.3

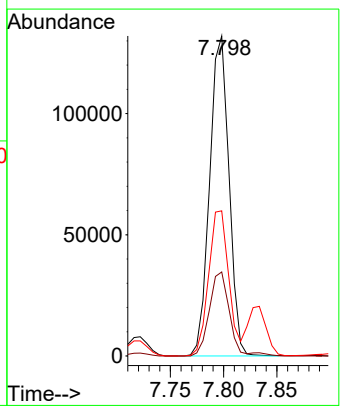


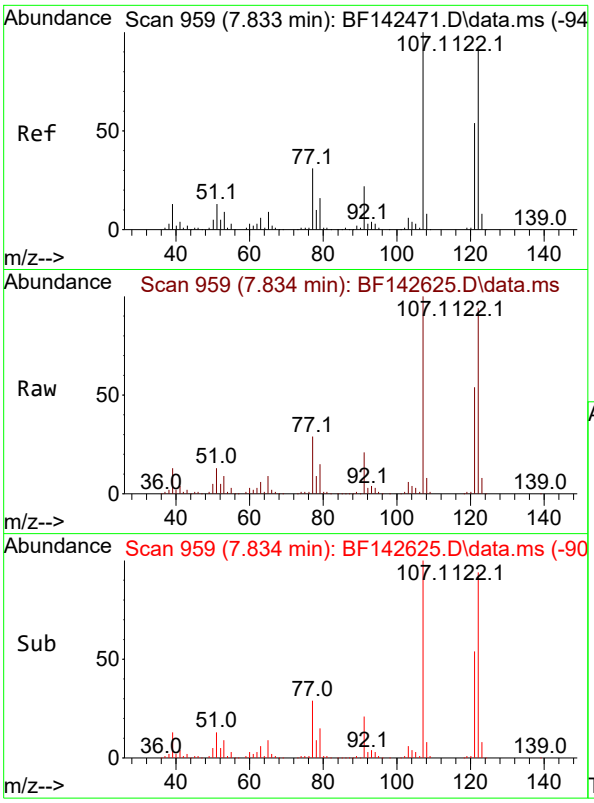


#26
2-Nitrophenol
Concen: 39.397 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:139 Resp: 166904

Ion	Ratio	Lower	Upper
139	100		
109	26.2	22.6	33.8
65	45.4	39.4	59.0



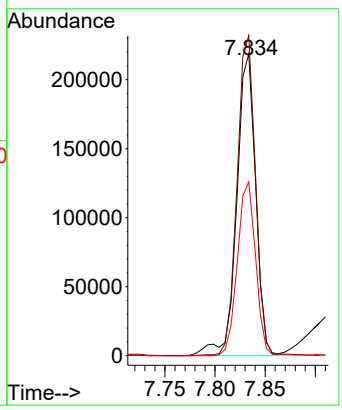


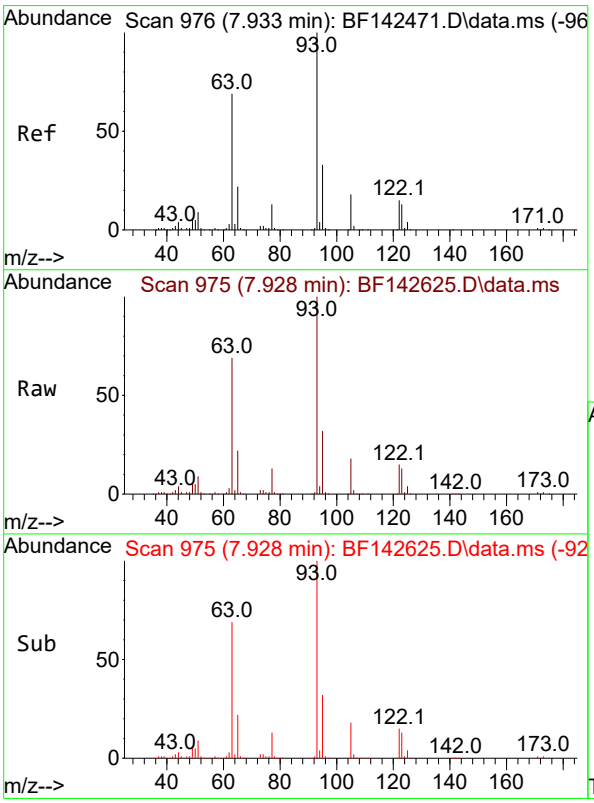
#27
2,4-Dimethylphenol
Concen: 38.580 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 288234

Ion	Ratio	Lower	Upper
122	100		
107	106.0	88.1	132.1
121	57.5	47.3	70.9

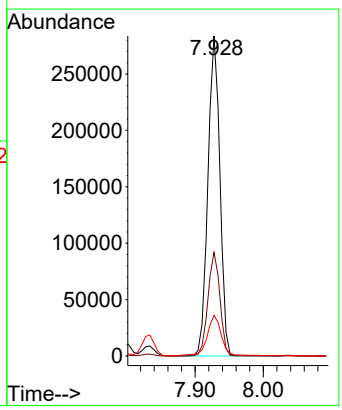


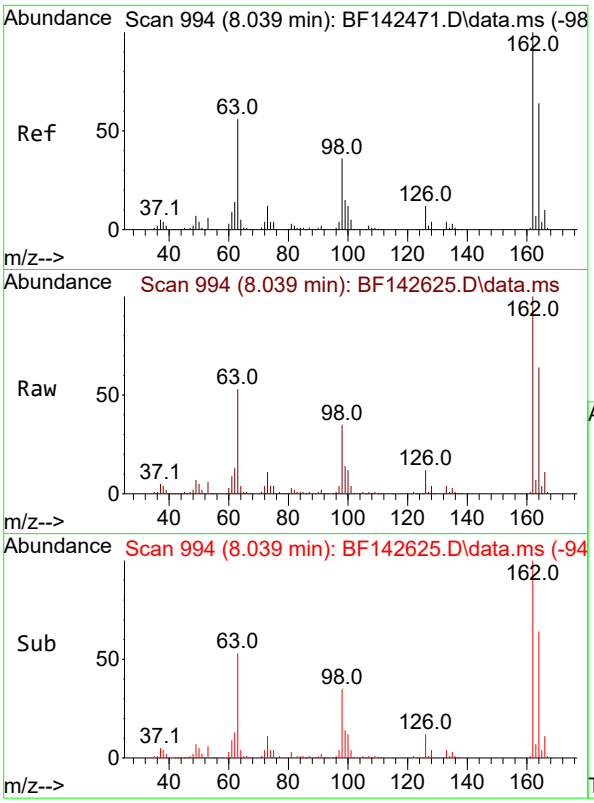


#28
bis(2-Chloroethoxy)methane
Concen: 37.793 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 93 Resp: 346994

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	12.7	10.6	15.8



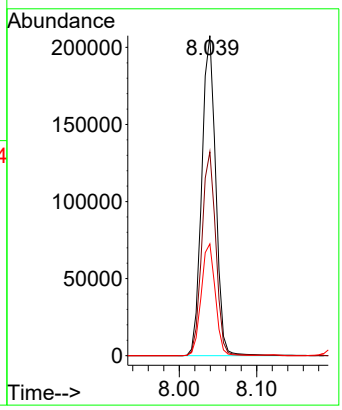


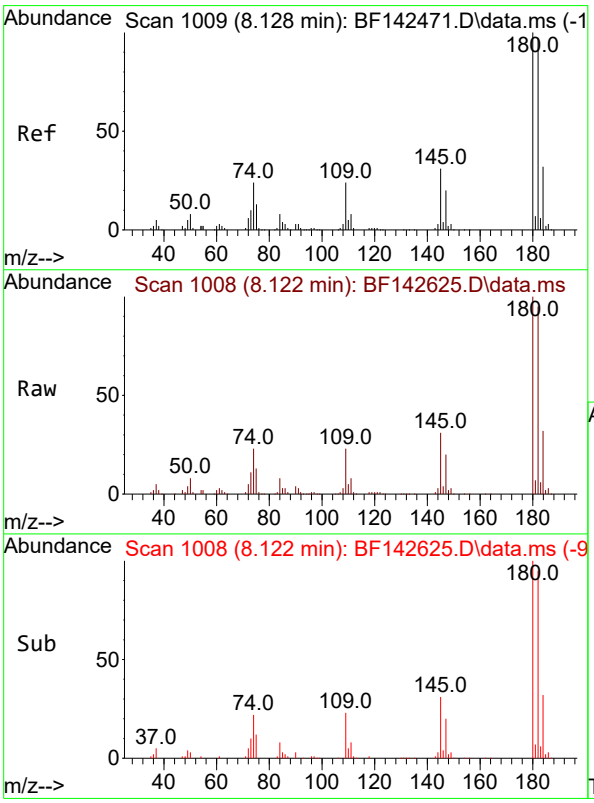
#29
2,4-Dichlorophenol
Concen: 38.280 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 260092

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	34.9	15.5	55.5

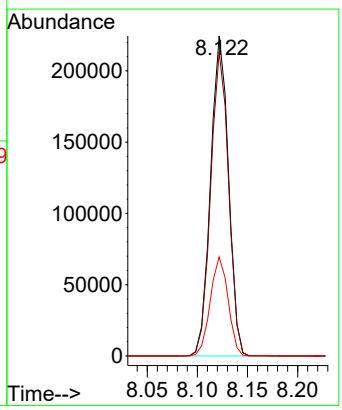


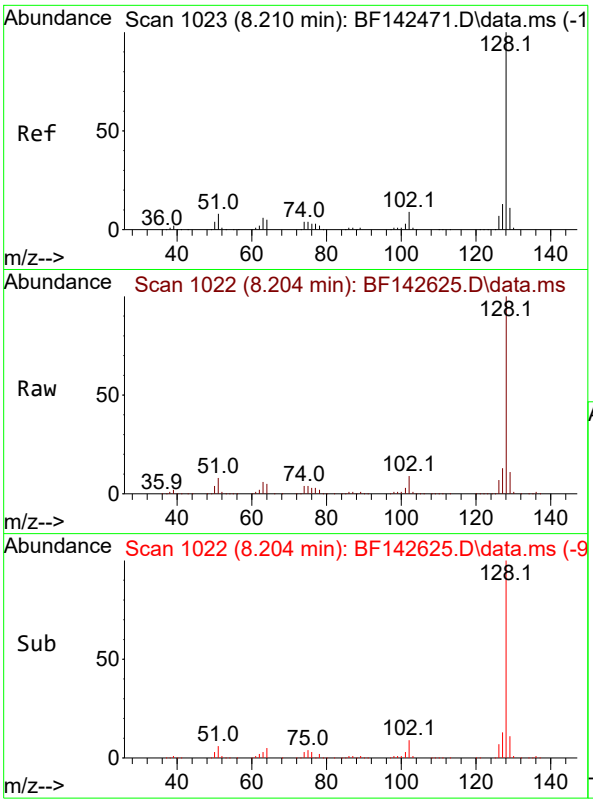


#30
1,2,4-Trichlorobenzene
Concen: 37.811 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:180 Resp: 278814

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.0	25.0	37.6



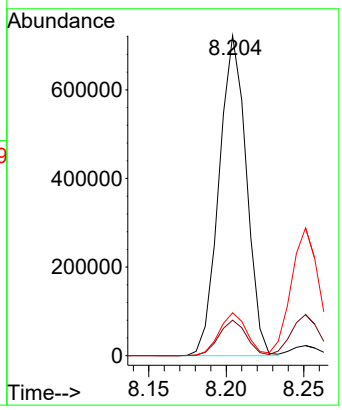


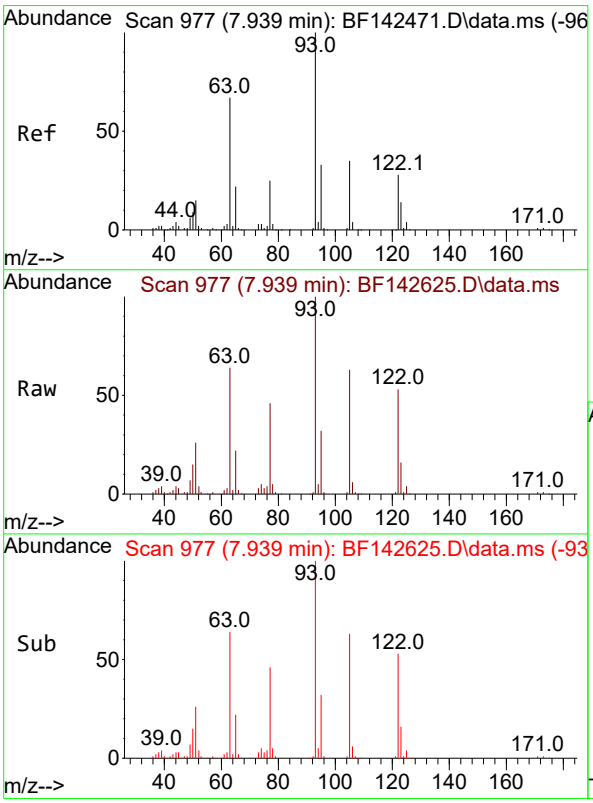
#31
Naphthalene
Concen: 37.509 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 885322

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.5	15.7

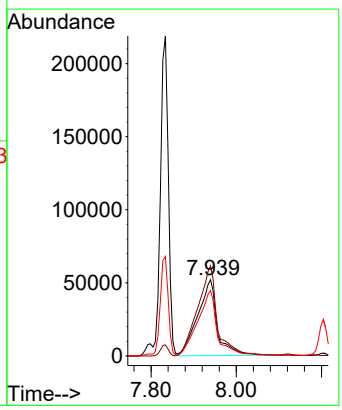


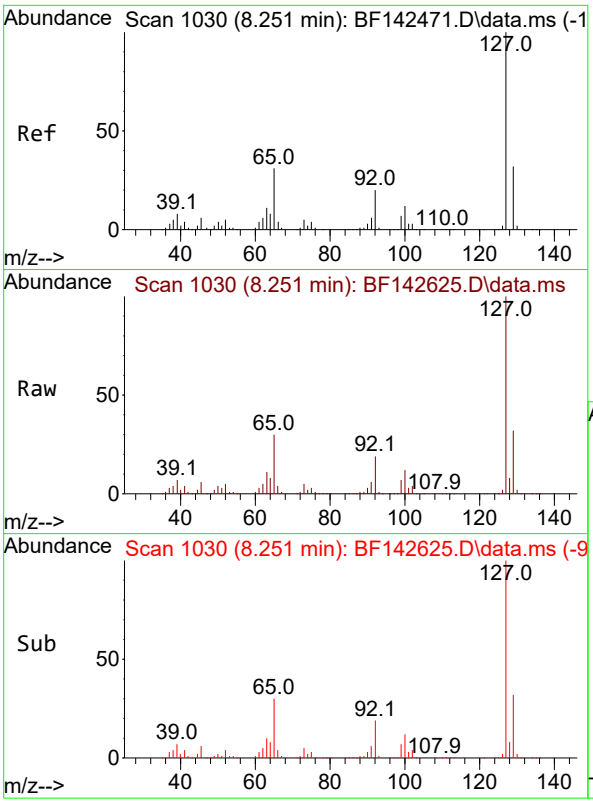


#32
Benzoic acid
Concen: 36.415 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:122 Resp: 165610

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.7	141.7
77	86.0	69.5	109.5



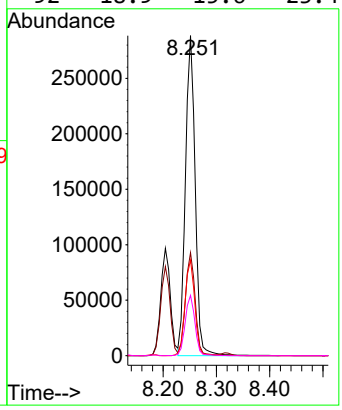


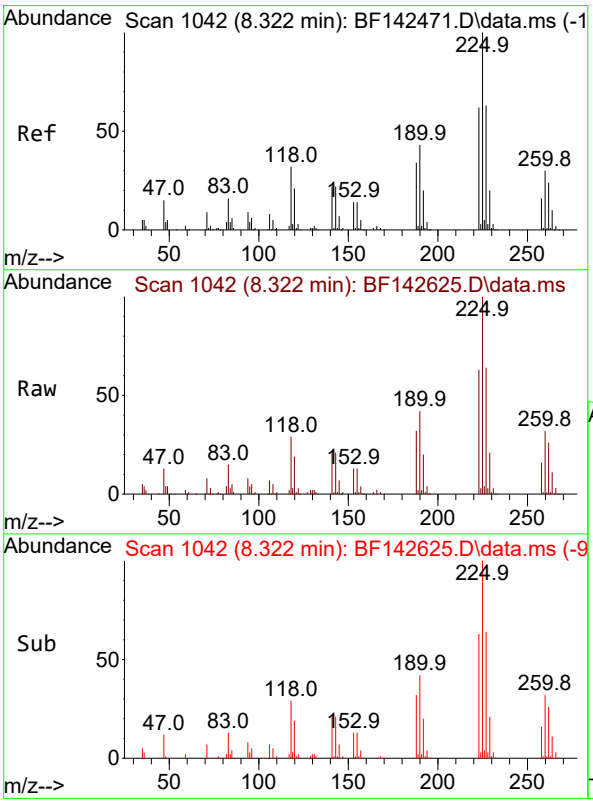
#33
4-Chloroaniline
Concen: 38.402 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 367280

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.9	24.9	37.3
92	18.9	15.6	23.4

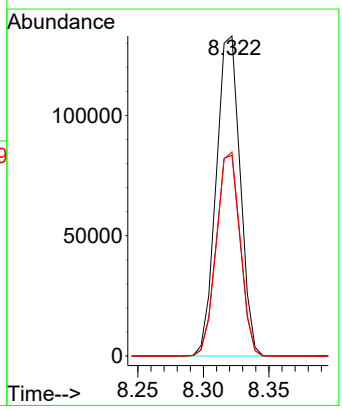


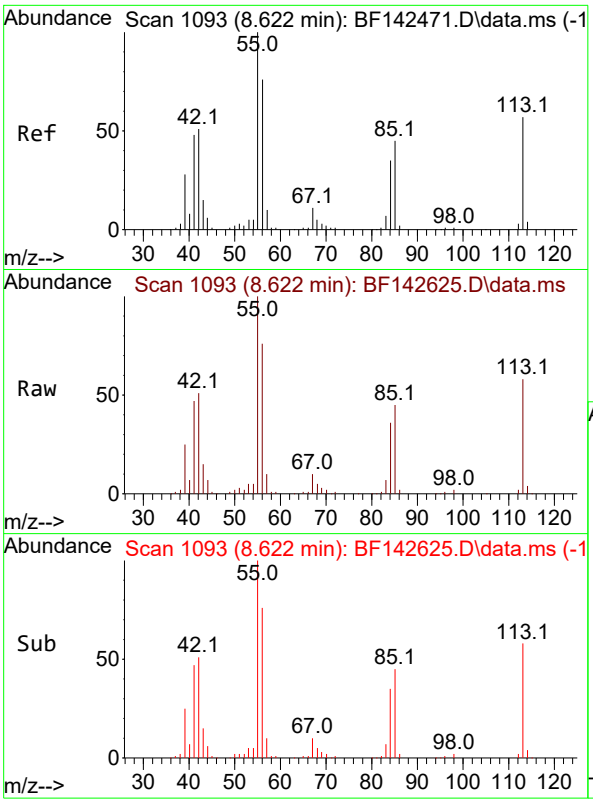


#34
Hexachlorobutadiene
Concen: 36.666 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:225 Resp: 168816

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.7	50.3	75.5



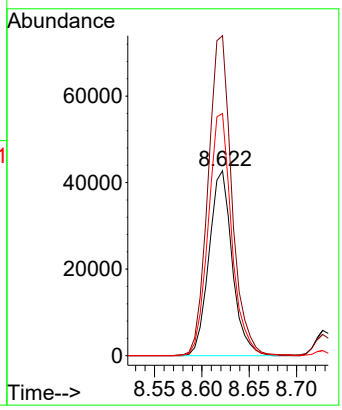


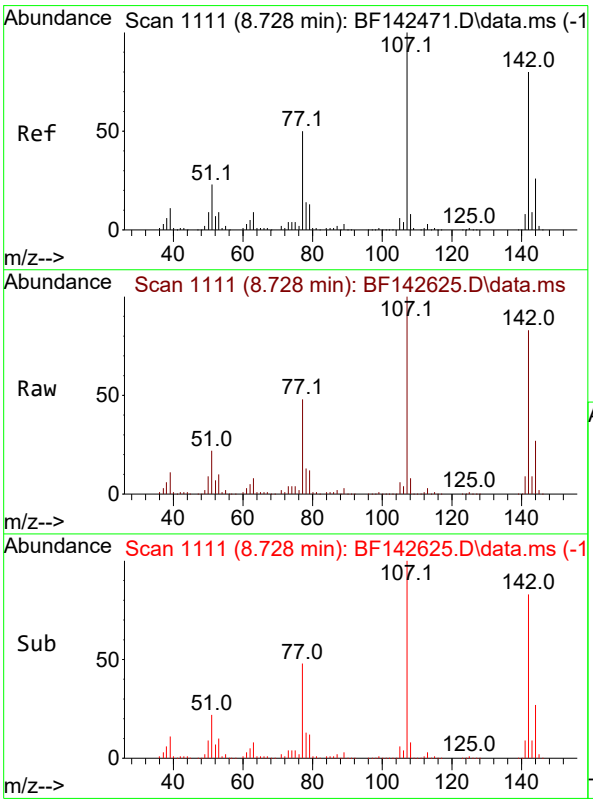
#35
Caprolactam
Concen: 38.036 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 72582

Ion	Ratio	Lower	Upper
113	100		
55	173.1	154.7	194.7
56	131.0	113.2	153.2

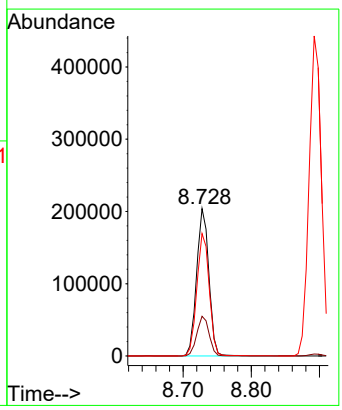


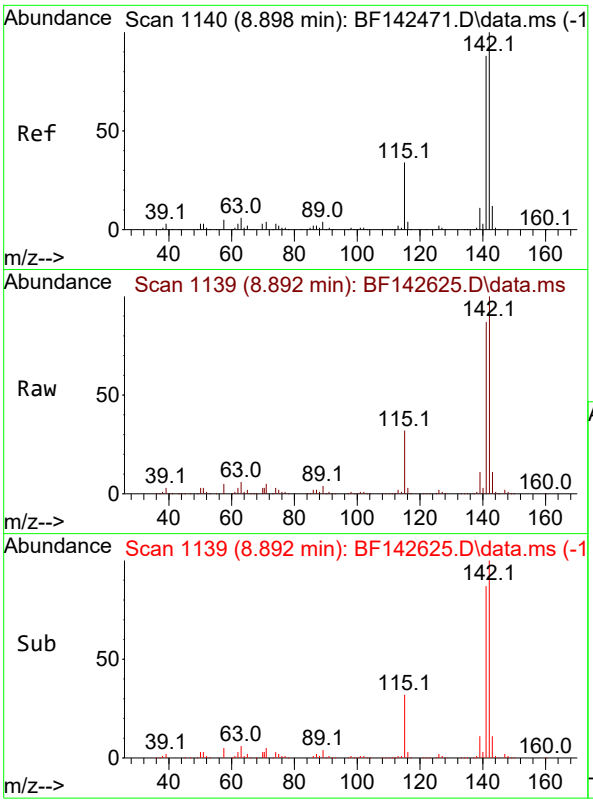


#36
4-Chloro-3-methylphenol
Concen: 36.714 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:107 Resp: 255646

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.9	31.3
142	83.1	64.2	96.2



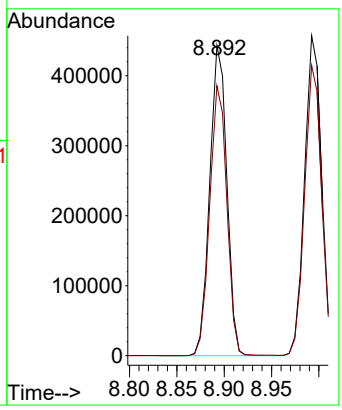


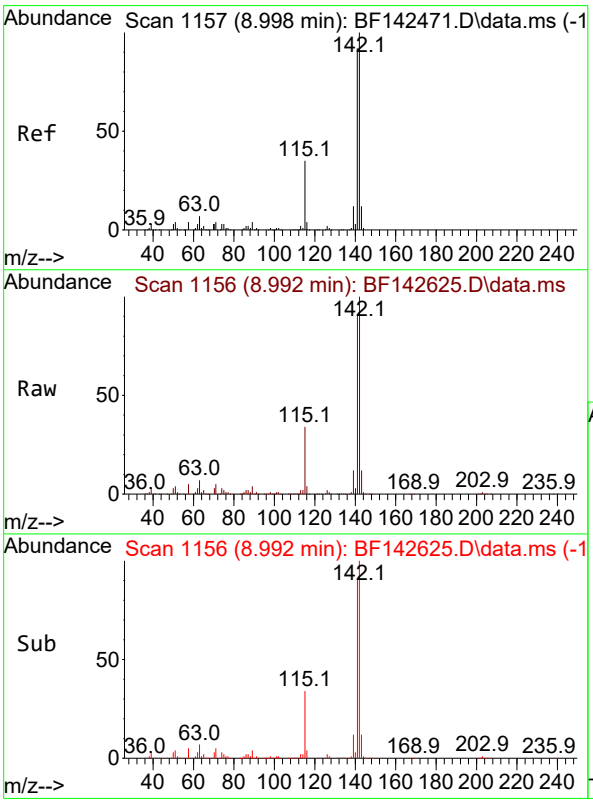
#37
2-Methylnaphthalene
Concen: 37.375 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 554992

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1

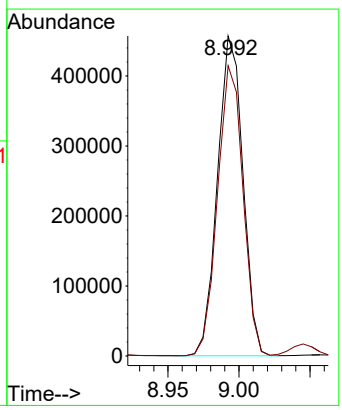


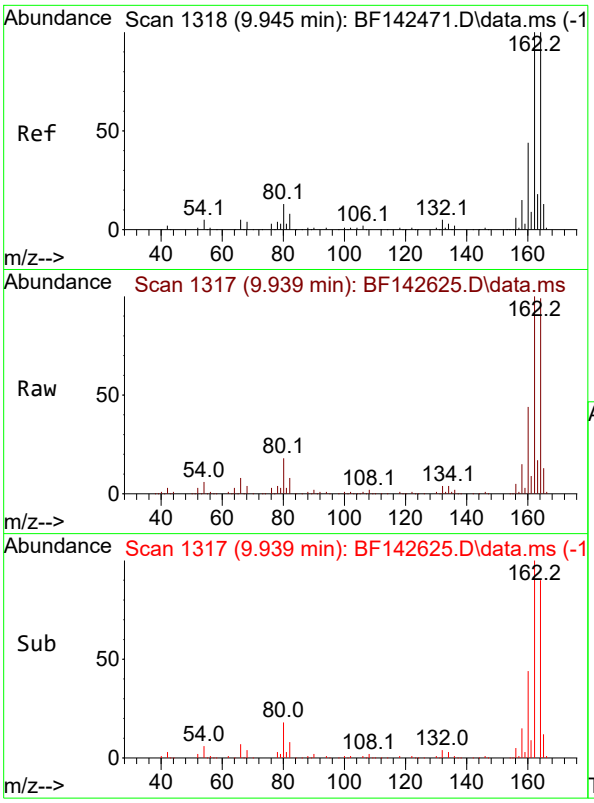


#38
1-Methylnaphthalene
Concen: 37.001 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:142 Resp: 568323

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2



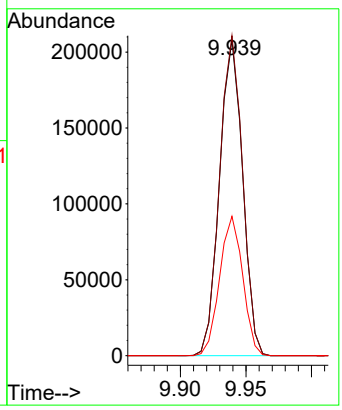


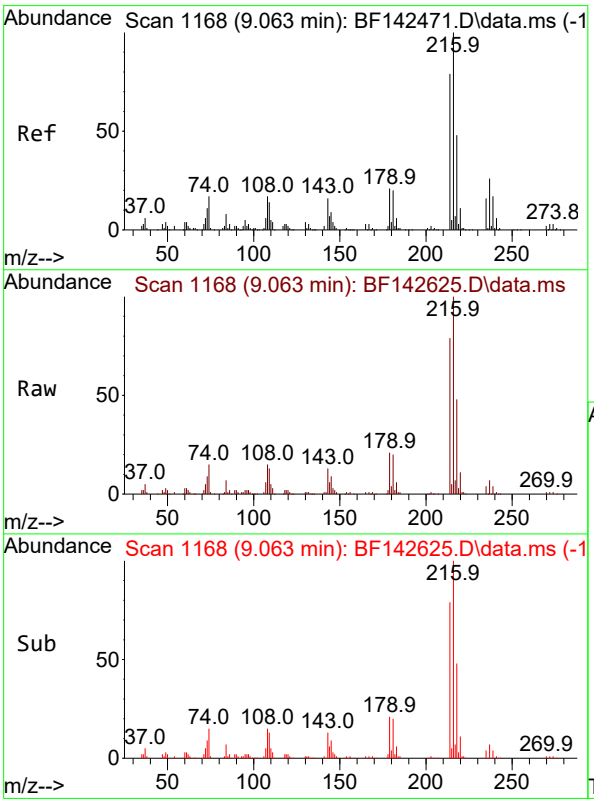
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 254347

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.4
160	44.1	35.6	53.4

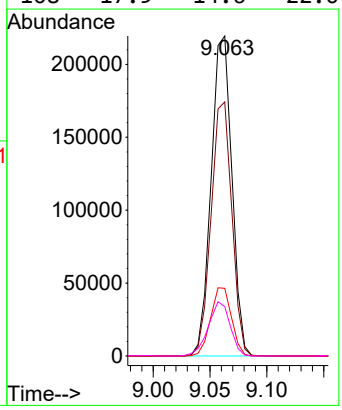


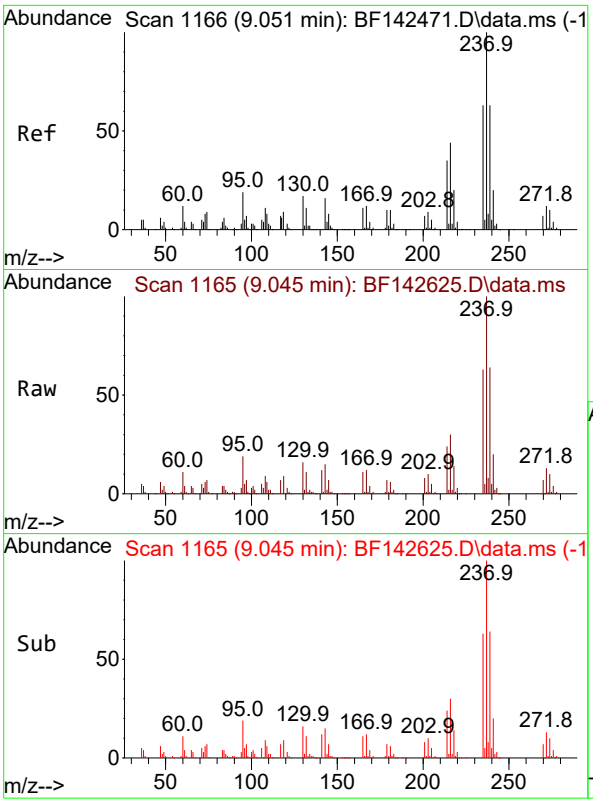


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.259 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:216 Resp: 279337

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.9	94.3
179	21.4	16.9	25.3
108	17.9	14.6	22.0



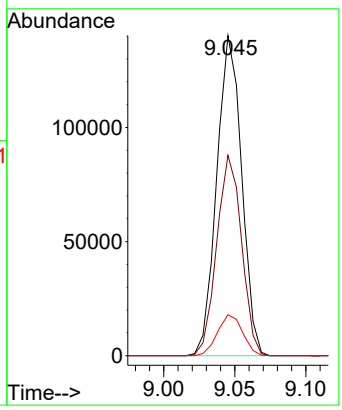


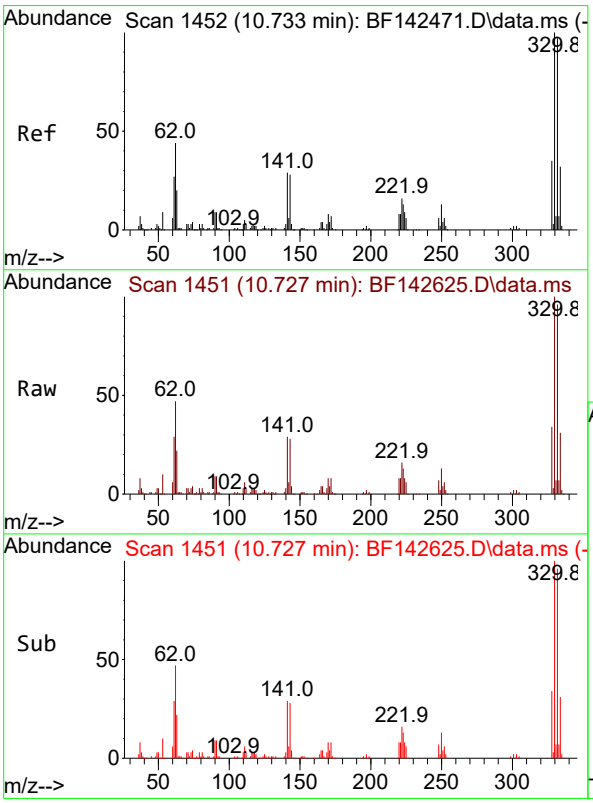
#41
Hexachlorocyclopentadiene
Concen: 34.650 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 170660

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.3	83.3
272	12.8	0.0	32.4

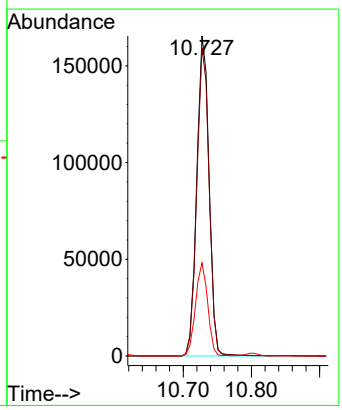


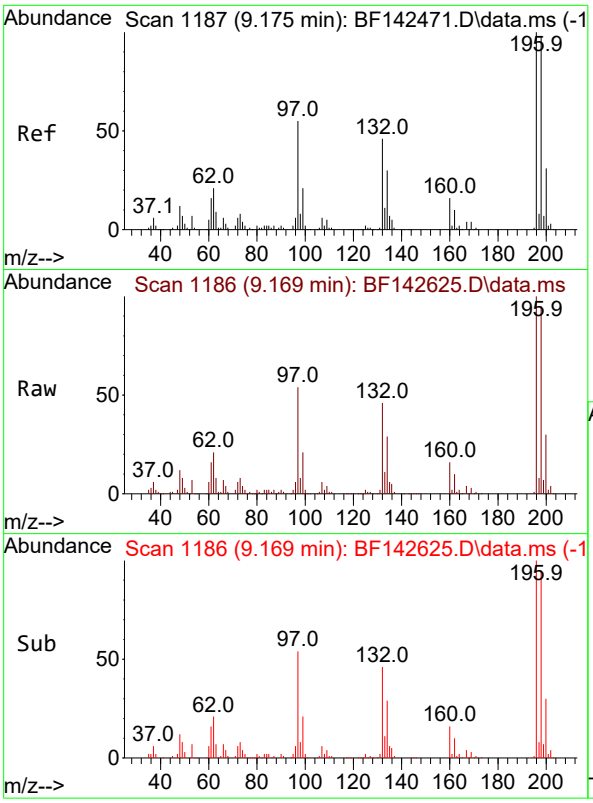


#42
2,4,6-Tribromophenol
Concen: 73.469 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:330 Resp: 207397

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	28.7	24.6	36.8



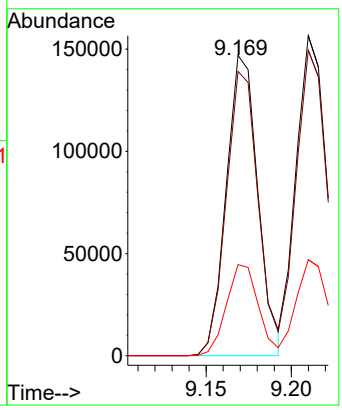


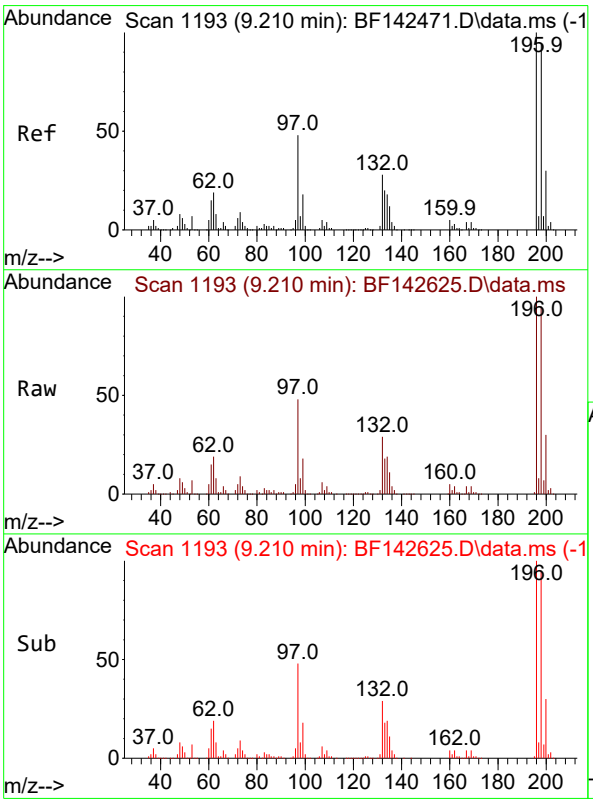
#43
2,4,6-Trichlorophenol
Concen: 38.593 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 190008

Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.8	118.2
200	30.3	24.9	37.3

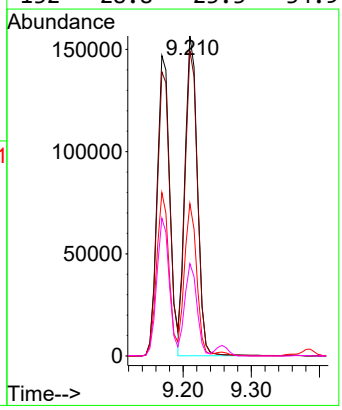


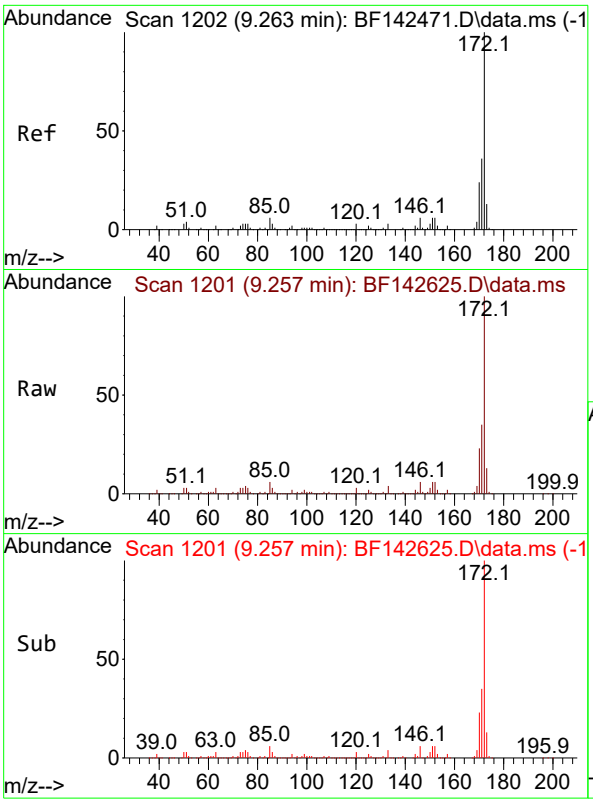


#44
2,4,5-Trichlorophenol
Concen: 37.970 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:196 Resp: 197152

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.5	113.3
97	47.6	39.3	58.9
132	28.8	23.3	34.9



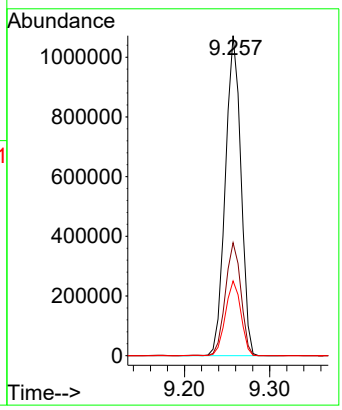


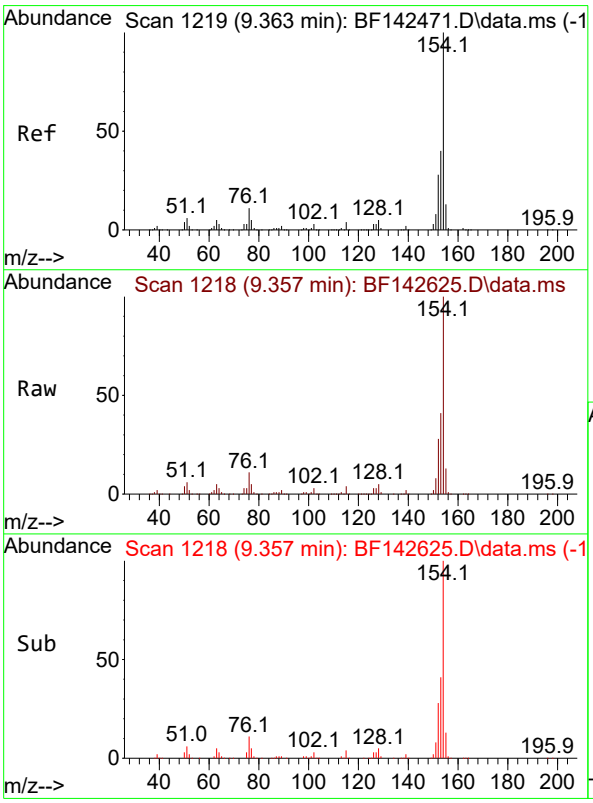
#45
2-Fluorobiphenyl
Concen: 71.781 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1360602

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.3	18.9	28.3

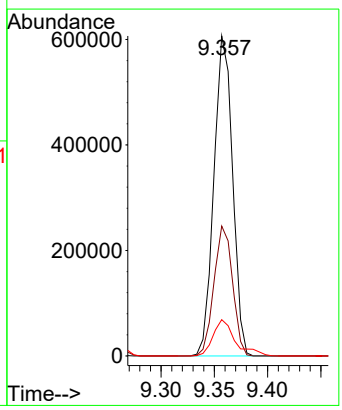


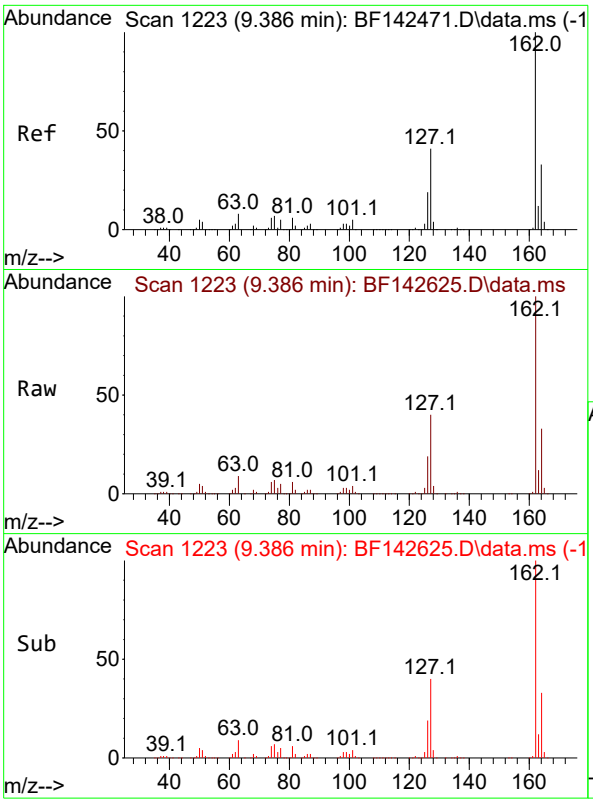


#46
1,1'-Biphenyl
Concen: 37.345 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:154 Resp: 736916

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.4	0.0	30.8



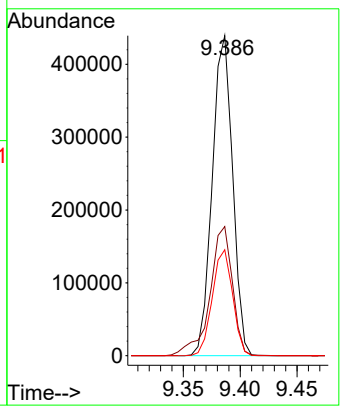


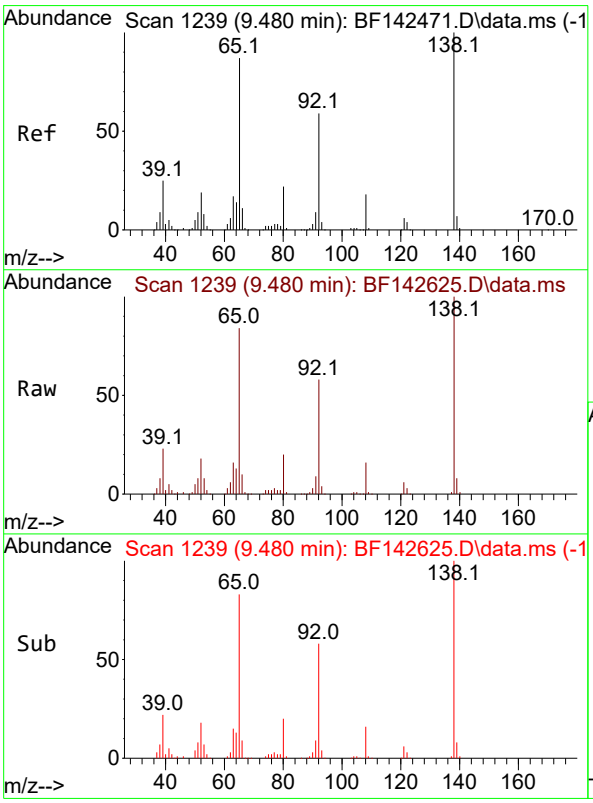
#47
2-Chloronaphthalene
Concen: 37.561 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 547604

Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.5	50.3
164	33.1	26.1	39.1

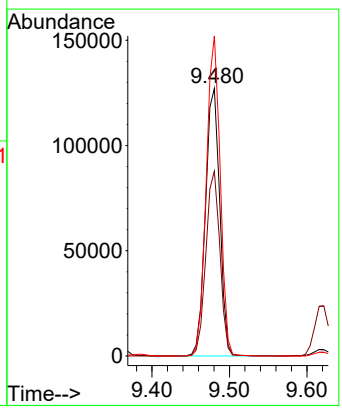


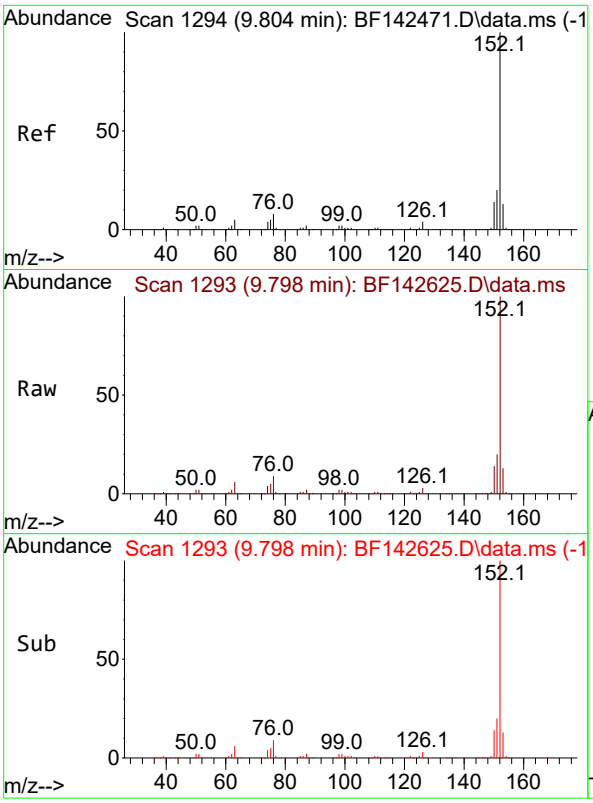


#48
2-Nitroaniline
Concen: 38.573 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion: 65 Resp: 162546

Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.4	81.6
138	119.6	91.4	137.2



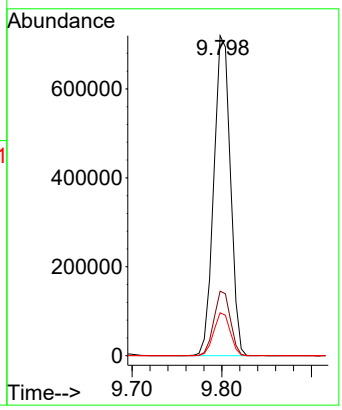


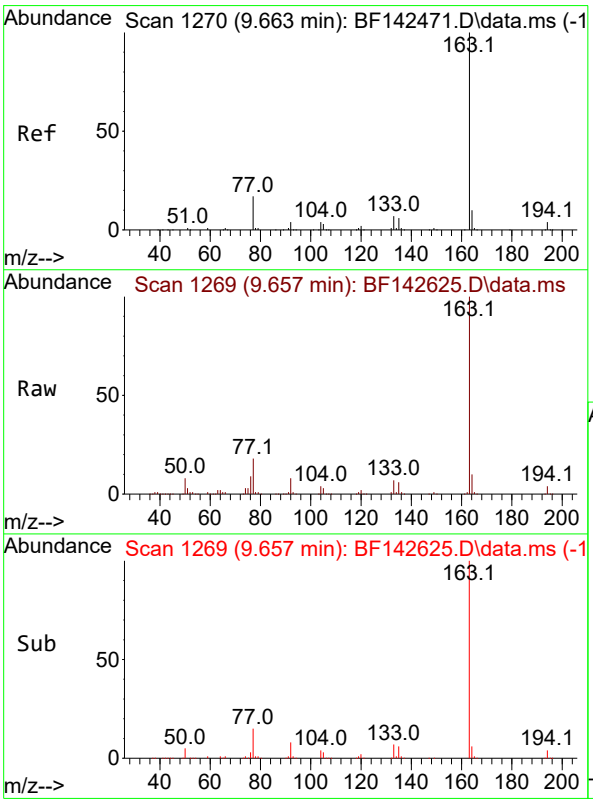
#49
Acenaphthylene
Concen: 37.526 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 923827

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.4	10.6	15.8

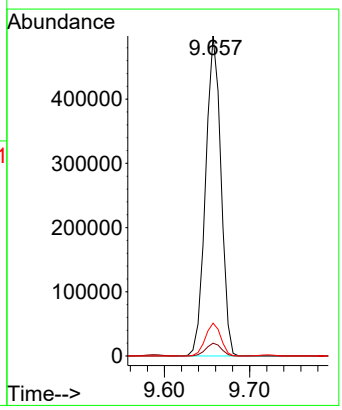


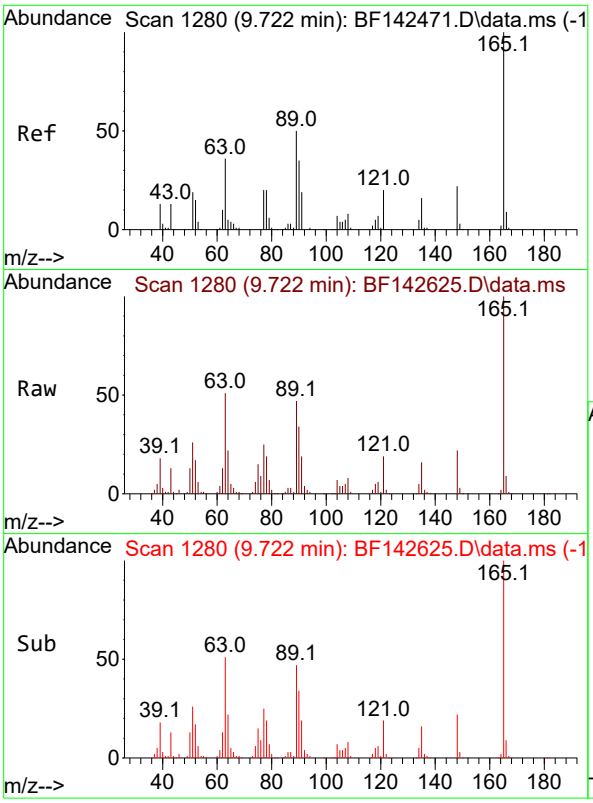


#50
Dimethylphthalate
Concen: 37.211 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:163 Resp: 624500

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.2	12.4



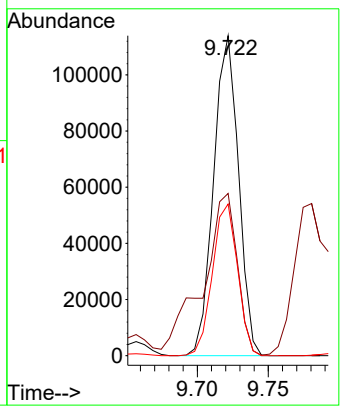


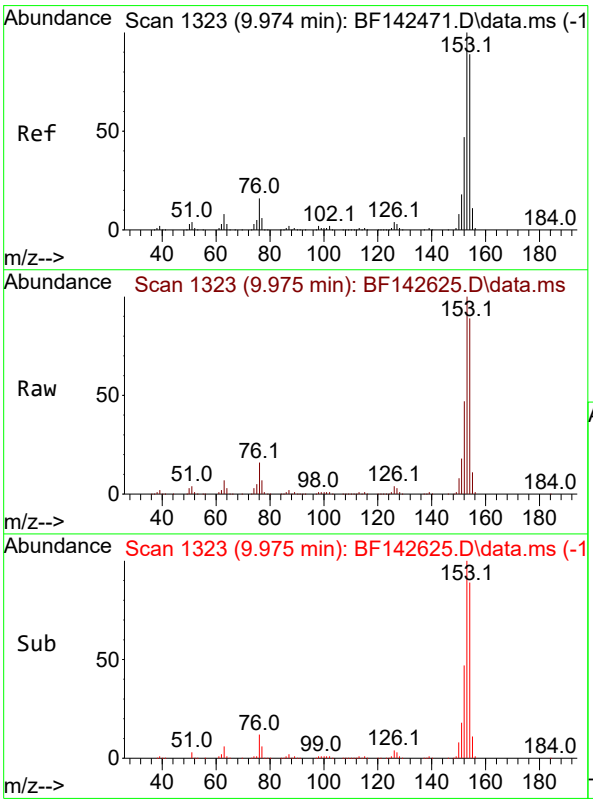
#51
2,6-Dinitrotoluene
Concen: 38.373 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 138997

Ion	Ratio	Lower	Upper
165	100		
63	50.7	42.9	64.3
89	47.4	40.2	60.4

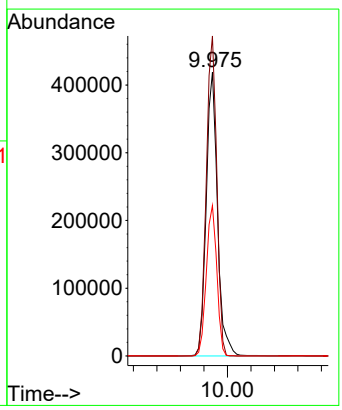


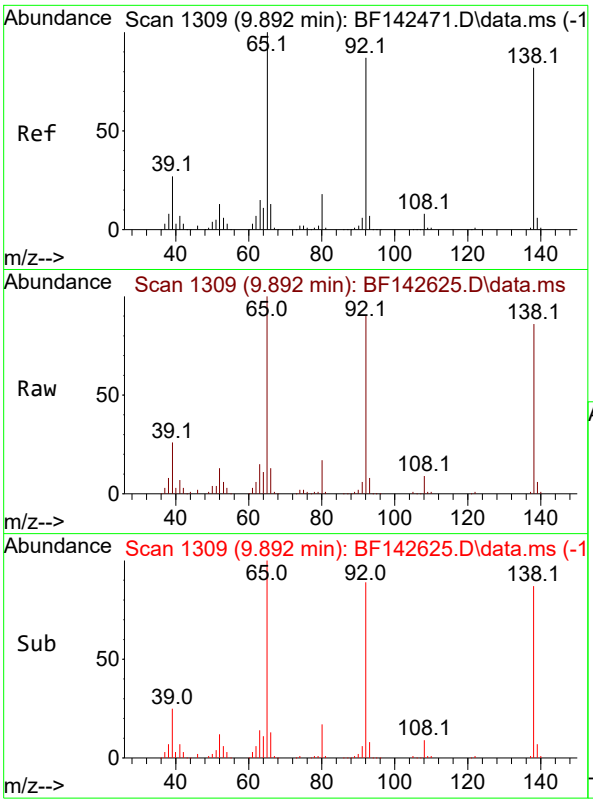


#52
Acenaphthene
Concen: 37.134 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:154 Resp: 558219

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.0	135.0
152	53.1	42.6	64.0



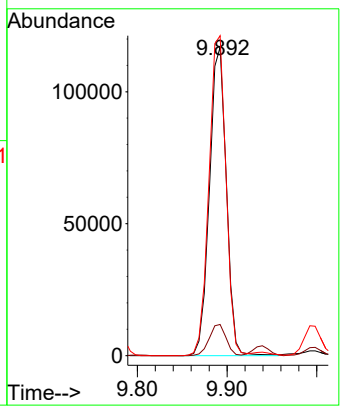


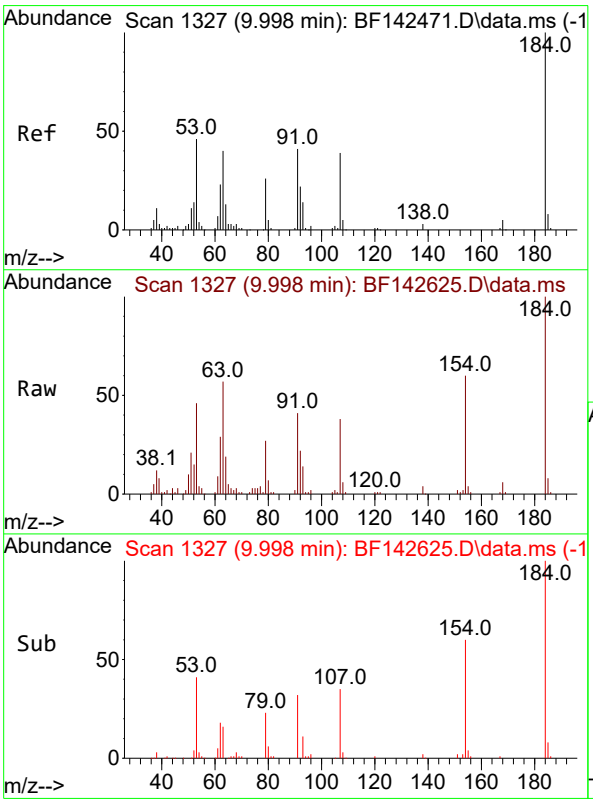
#53
3-Nitroaniline
Concen: 38.576 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 152621

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	103.7	85.2	127.8

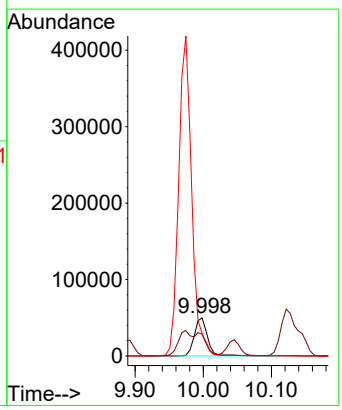


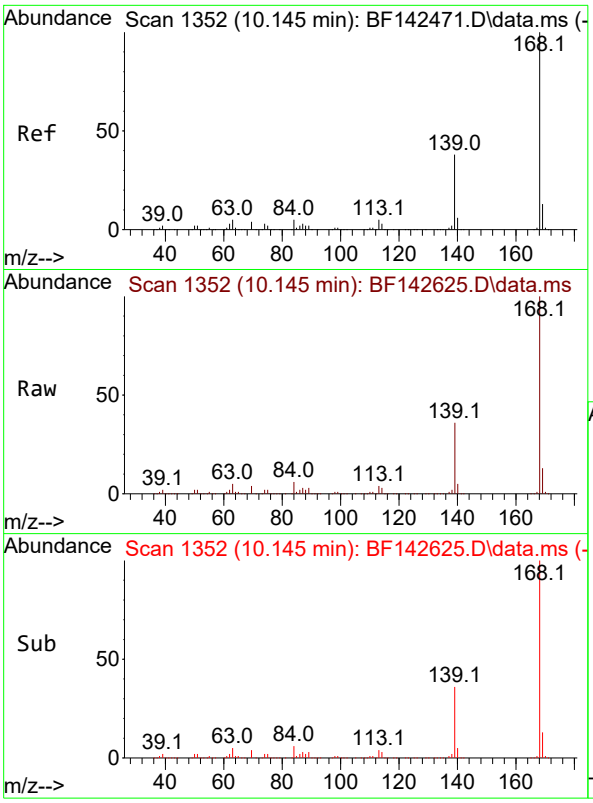


#54
2,4-Dinitrophenol
Concen: 35.863 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:184 Resp: 67113

Ion	Ratio	Lower	Upper
184	100		
63	57.3	46.3	69.5
154	59.6	56.8	85.2



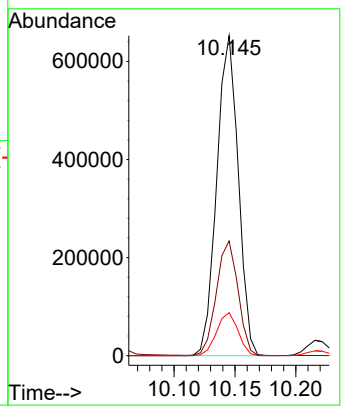


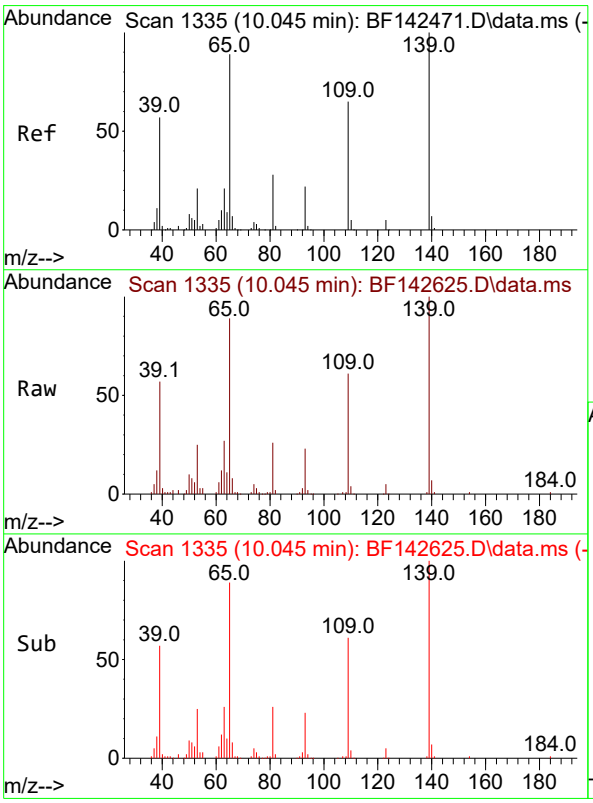
#55
Dibenzofuran
Concen: 37.075 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 802015

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.2	45.2
169	13.4	10.7	16.1

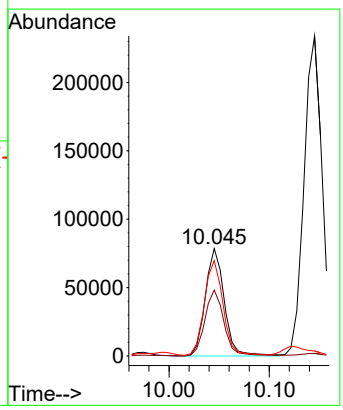


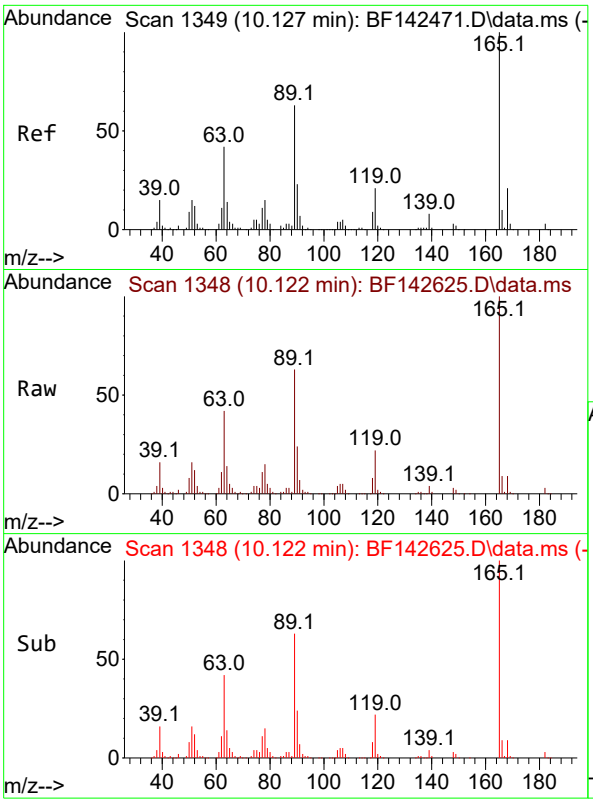


#56
4-Nitrophenol
Concen: 35.358 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:139 Resp: 103215

Ion	Ratio	Lower	Upper
139	100		
109	61.4	45.1	85.1
65	88.7	69.7	109.7



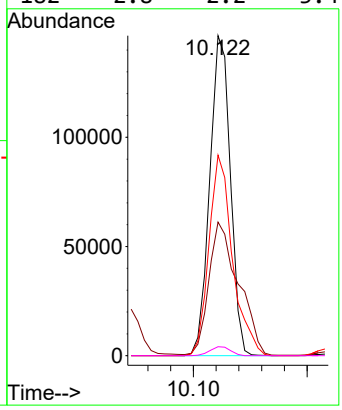


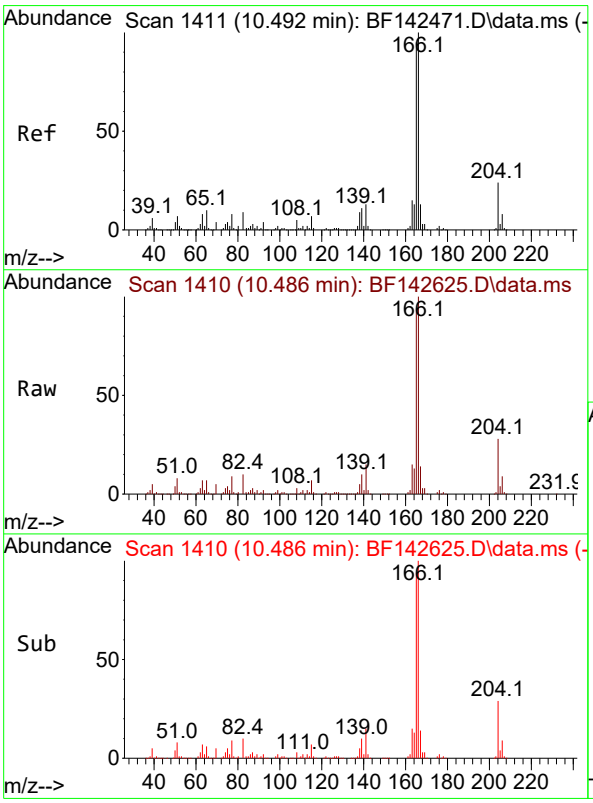
#57
2,4-Dinitrotoluene
Concen: 39.006 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 184516

Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.6	50.4
89	62.6	50.2	75.4
182	2.8	2.2	3.4

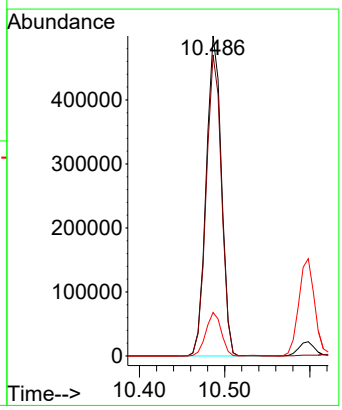


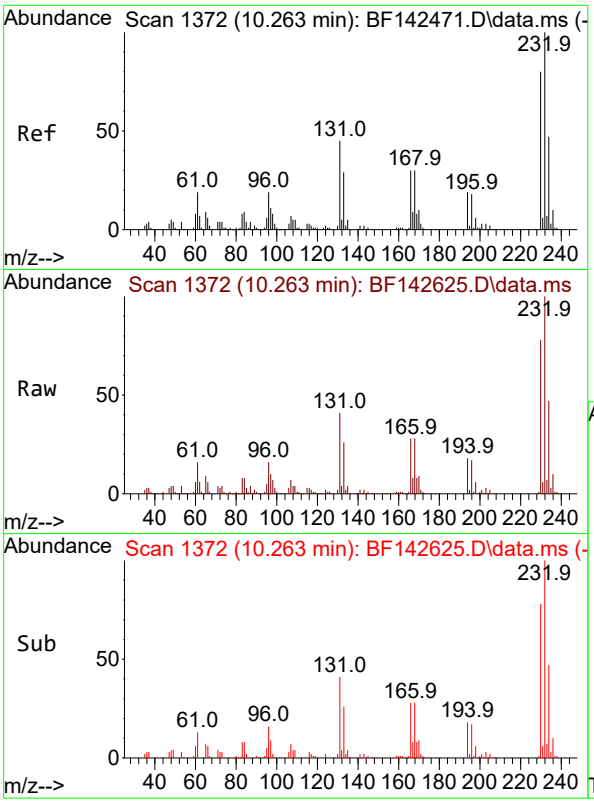


#58
Fluorene
Concen: 37.066 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:166 Resp: 619433

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.8	113.8
167	13.6	10.6	16.0



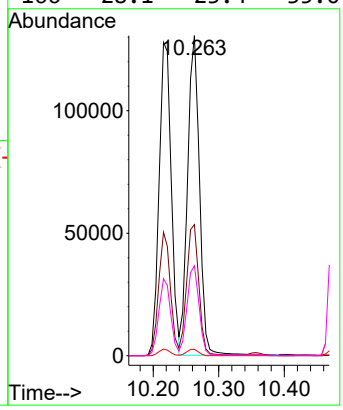


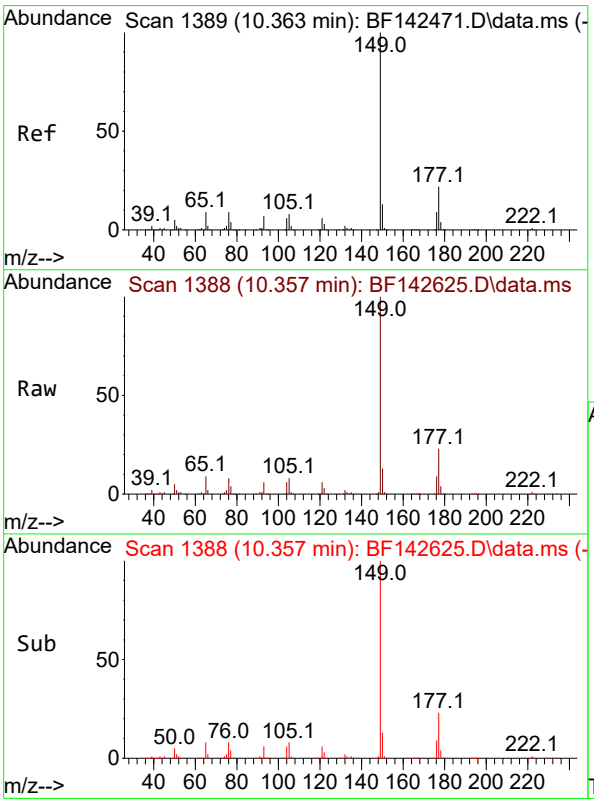
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.830 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 163981

Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.2	52.8
130	2.0	1.7	2.5
166	28.1	23.4	35.0

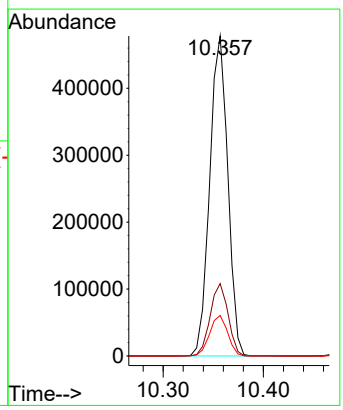


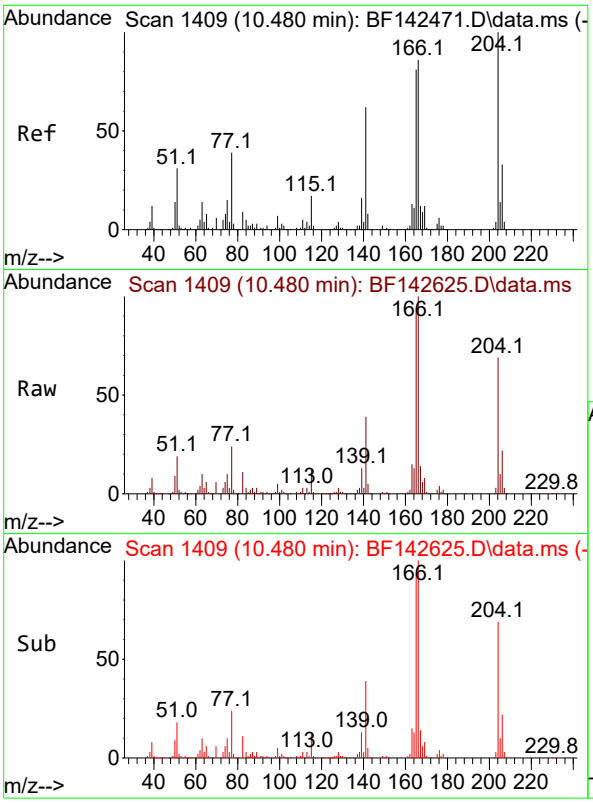


#60
Diethylphthalate
Concen: 36.575 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:149 Resp: 599493

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.6	26.4
150	12.6	10.1	15.1



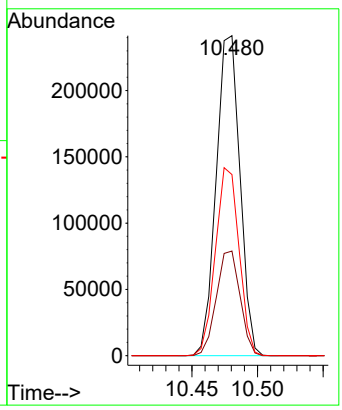


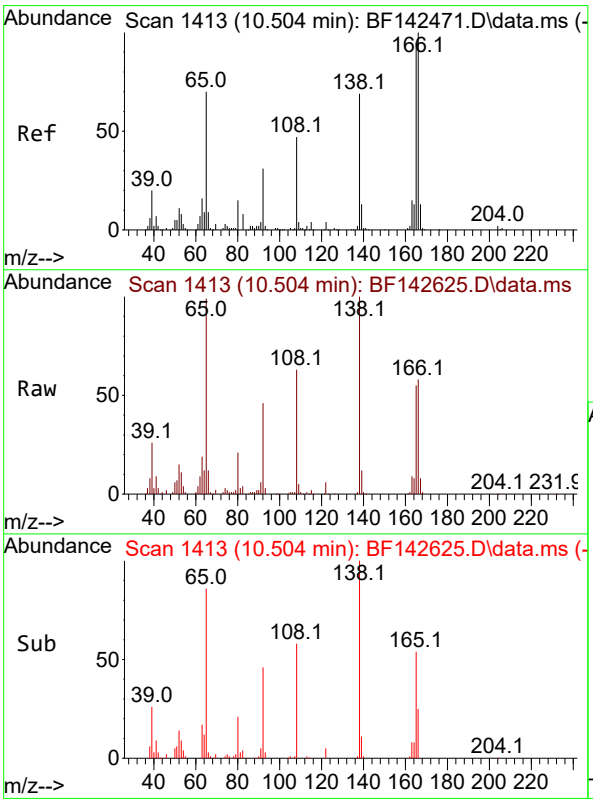
#61
4-Chlorophenyl-phenylether
Concen: 37.050 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 304161

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	56.6	49.5	74.3

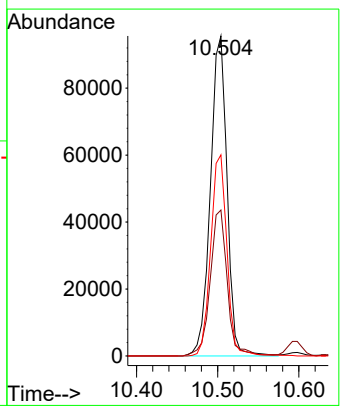


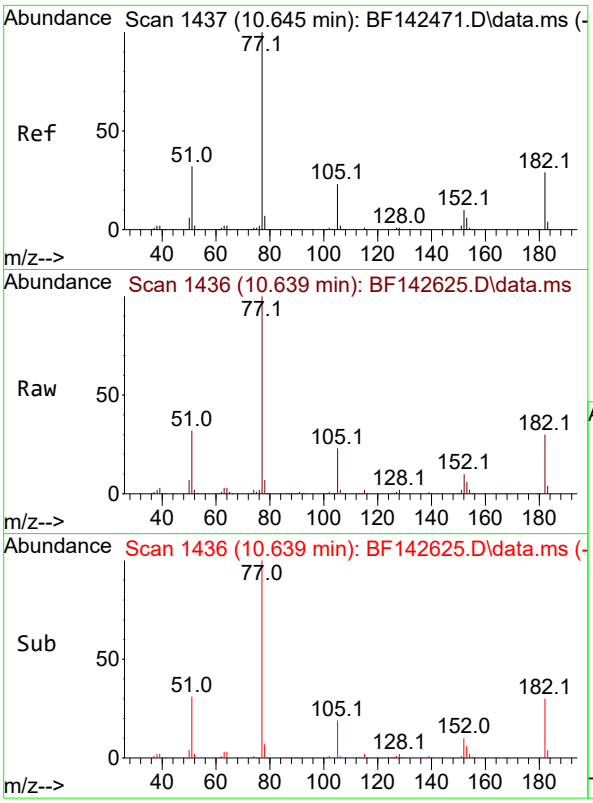


#62
4-Nitroaniline
Concen: 37.923 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:138 Resp: 136075

Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.0	66.0
108	62.8	48.4	88.4



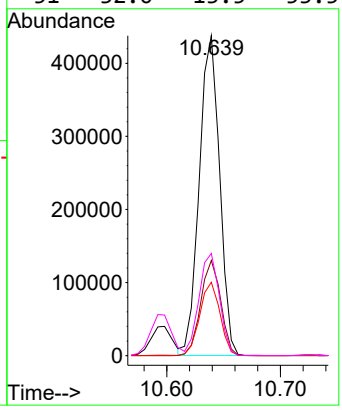


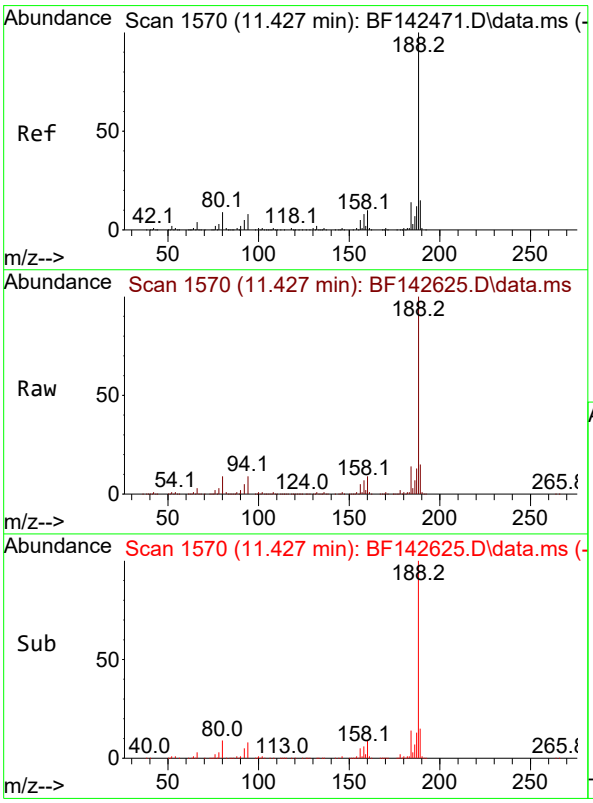
#63
Azobenzene
Concen: 37.006 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 544794

Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.0	49.0
105	22.9	2.4	42.4
51	32.0	13.5	53.5

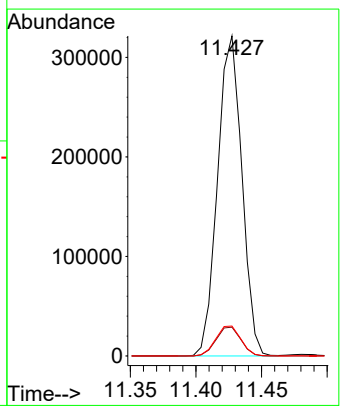


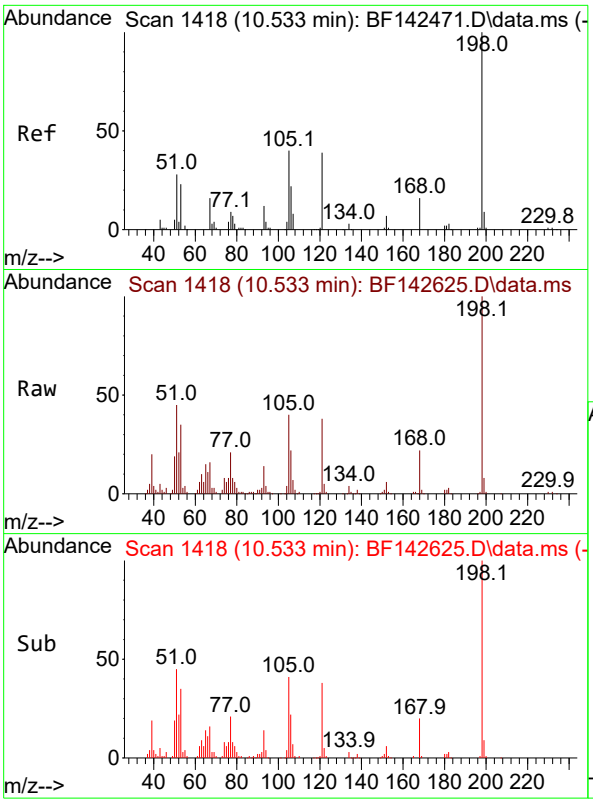


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:188 Resp: 415186

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.3	7.4	11.0



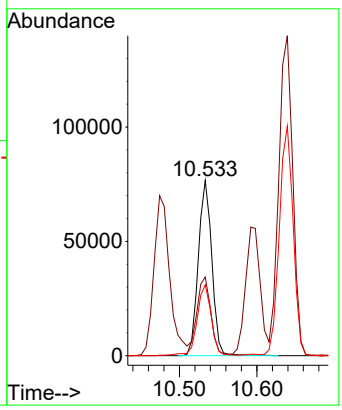


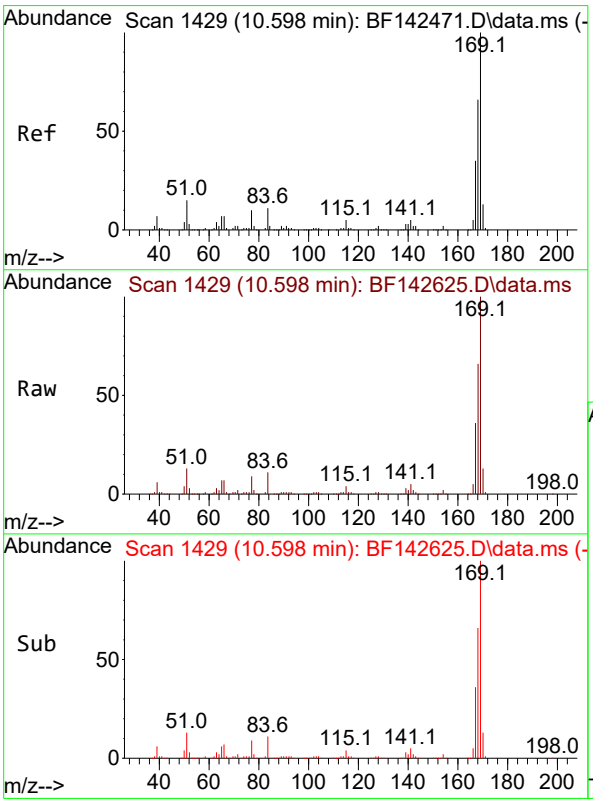
#65
4,6-Dinitro-2-methylphenol
Concen: 40.095 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 92901

Ion	Ratio	Lower	Upper
198	100		
51	44.9	28.3	68.3
105	40.4	21.3	61.3

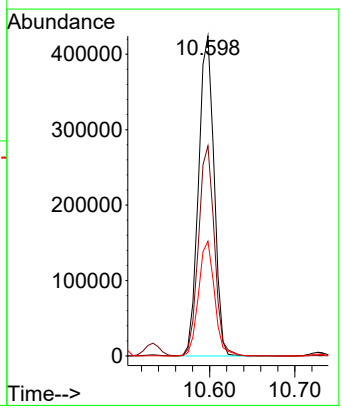


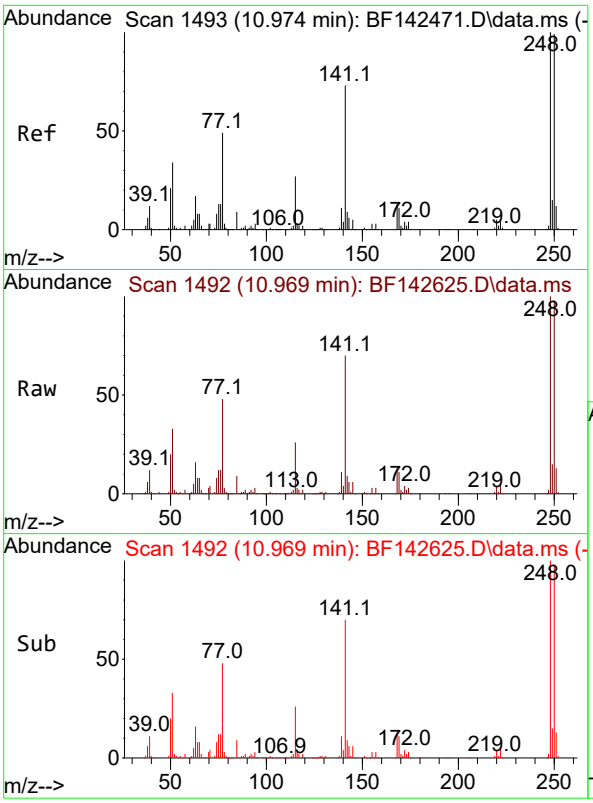


#66
n-Nitrosodiphenylamine
Concen: 37.790 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:169 Resp: 536787

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.7	79.1
167	35.8	28.3	42.5



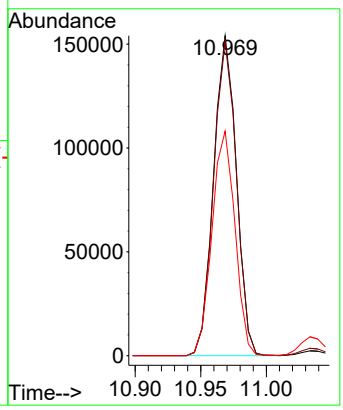


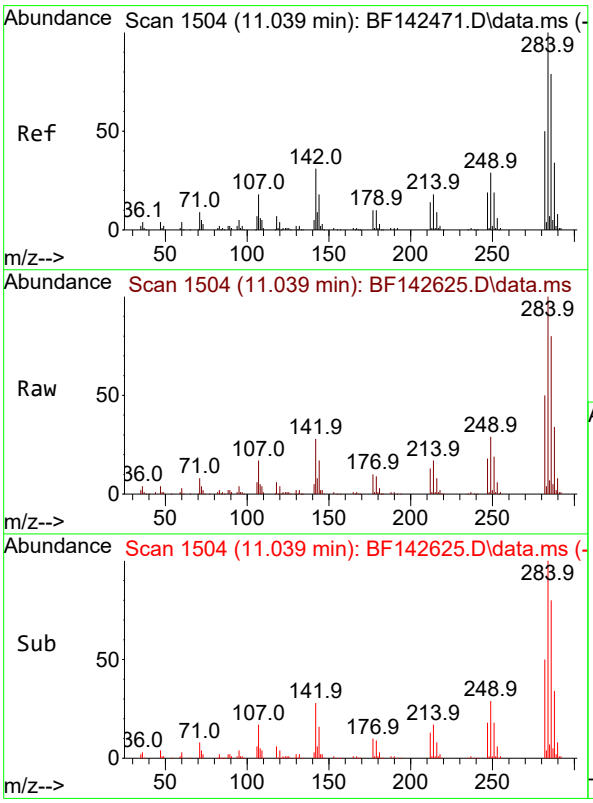
#67
4-Bromophenyl-phenylether
Concen: 37.992 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 186513

Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.0	118.4
141	70.2	58.4	87.6

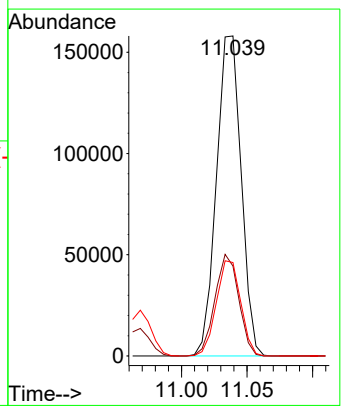


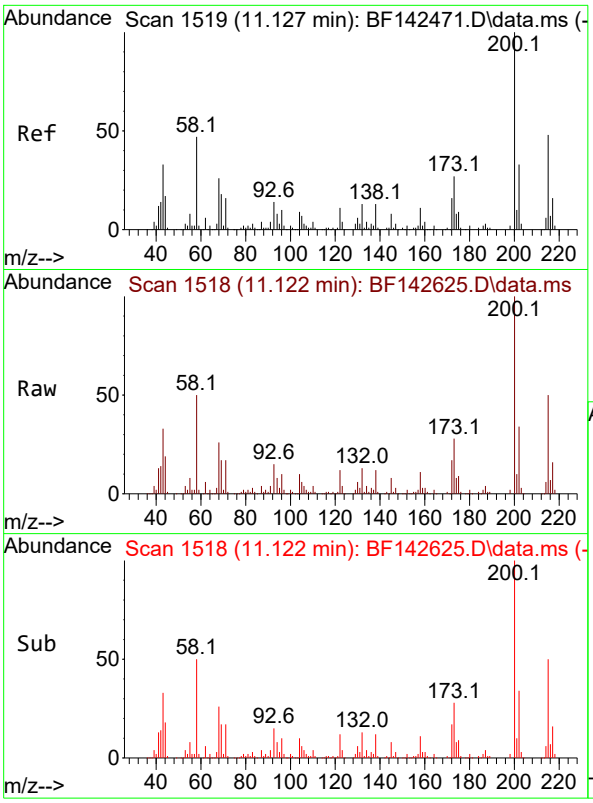


#68
Hexachlorobenzene
Concen: 38.159 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:284 Resp: 207193

Ion	Ratio	Lower	Upper
284	100		
142	28.1	24.8	37.2
249	29.2	23.6	35.4



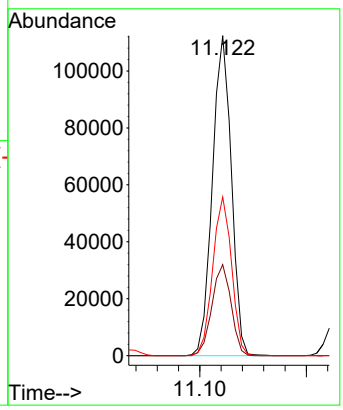


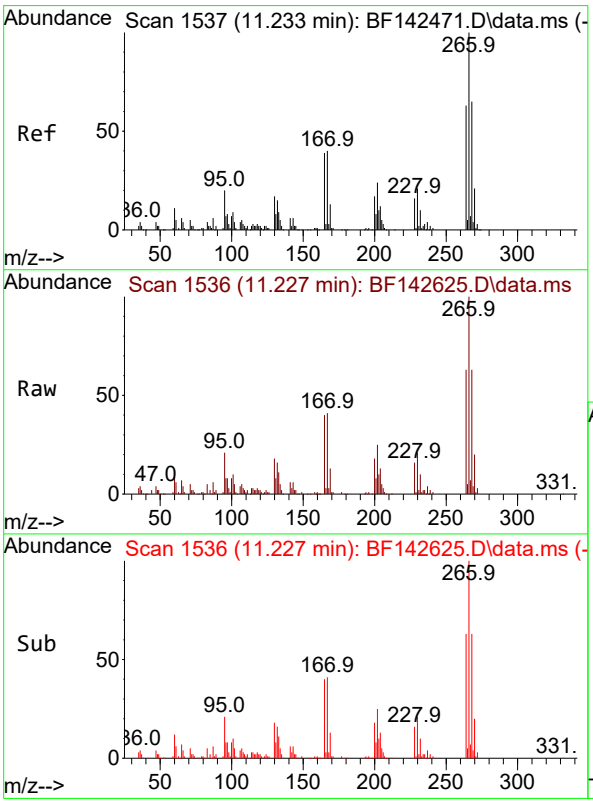
#69
Atrazine
Concen: 36.706 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 138466

Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	49.6	28.5	68.5

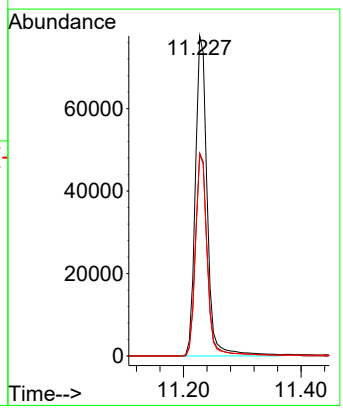


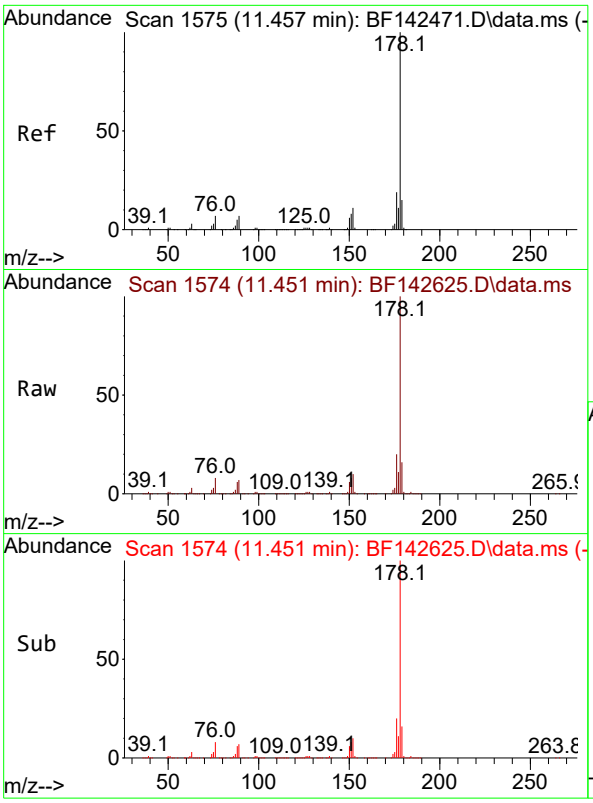


#70
Pentachlorophenol
Concen: 35.392 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:266 Resp: 108497

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.7	77.5
264	62.9	50.4	75.6



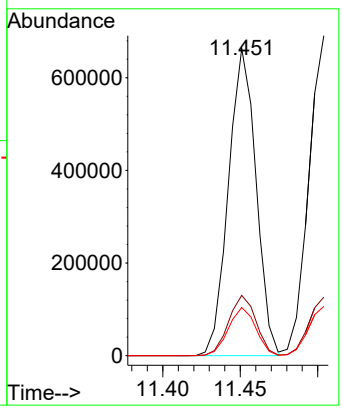


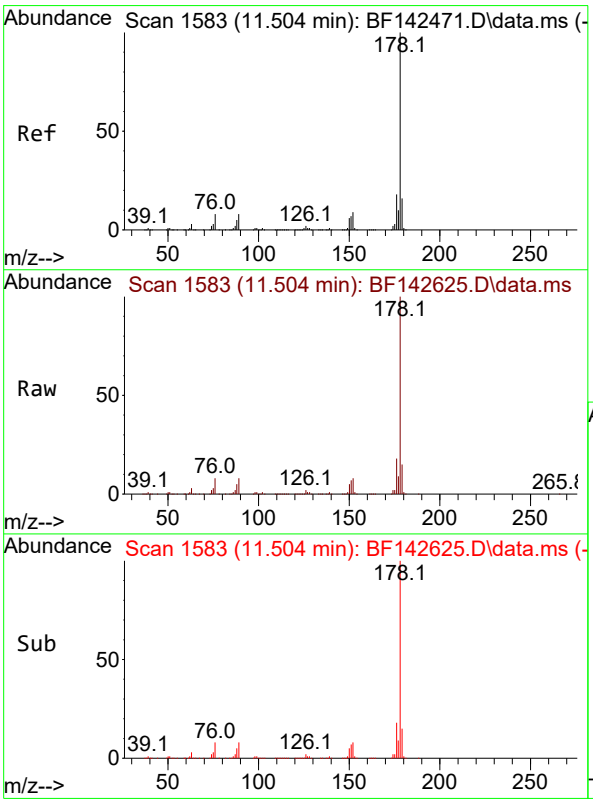
#71
Phenanthrene
Concen: 37.001 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 820995

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.3	18.5

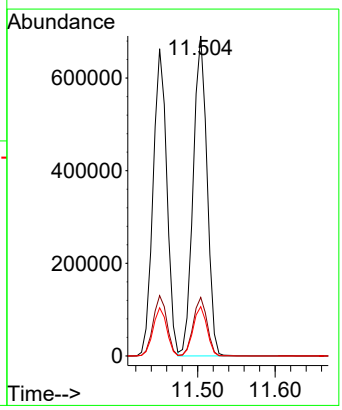


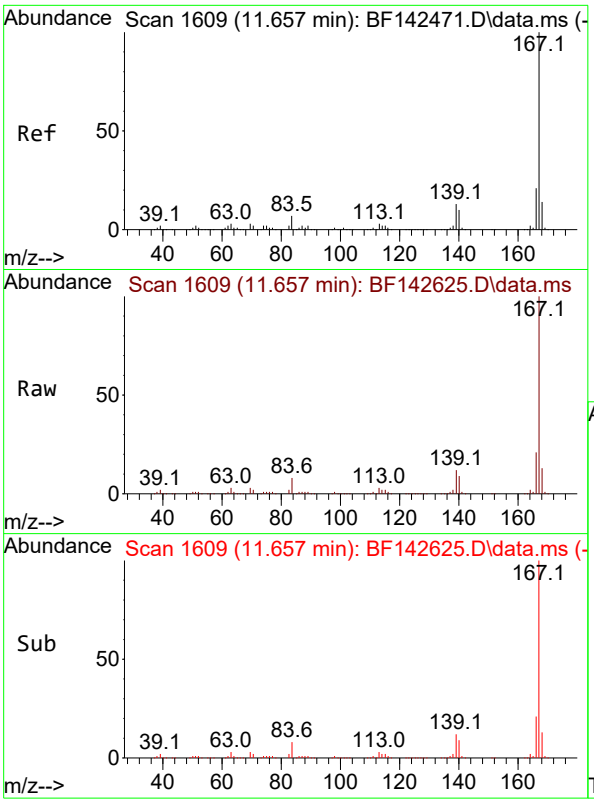


#72
Anthracene
Concen: 37.793 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:178 Resp: 855814

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.4	18.6



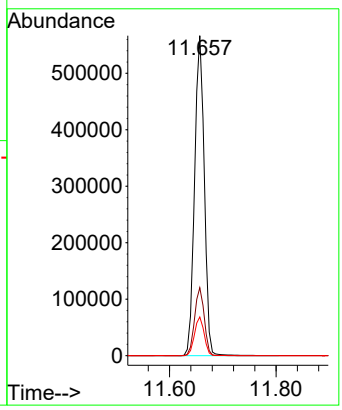


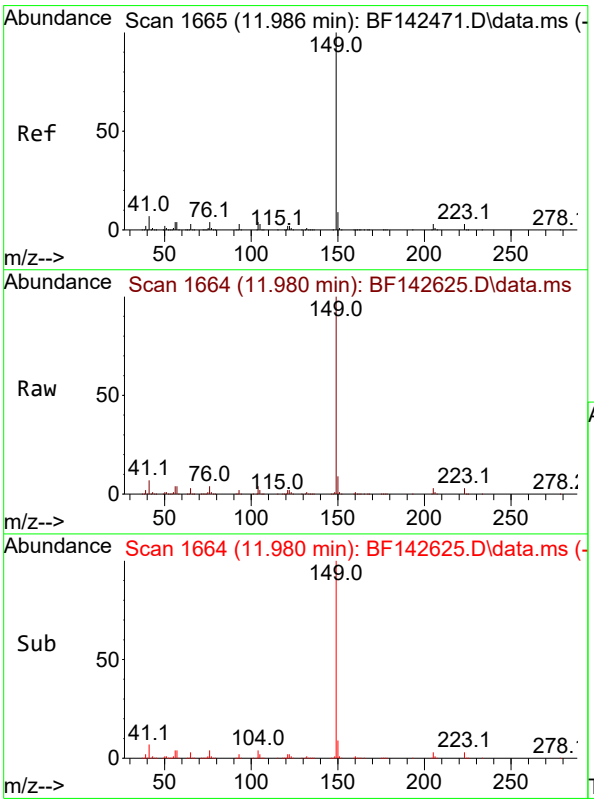
#73
Carbazole
Concen: 36.874 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 713838

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	12.1	10.2	15.4

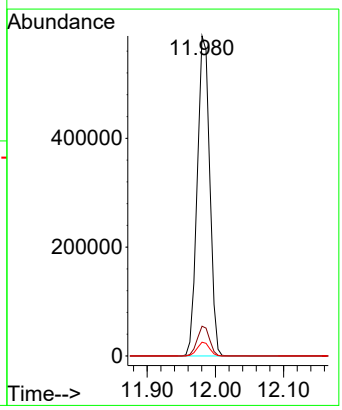


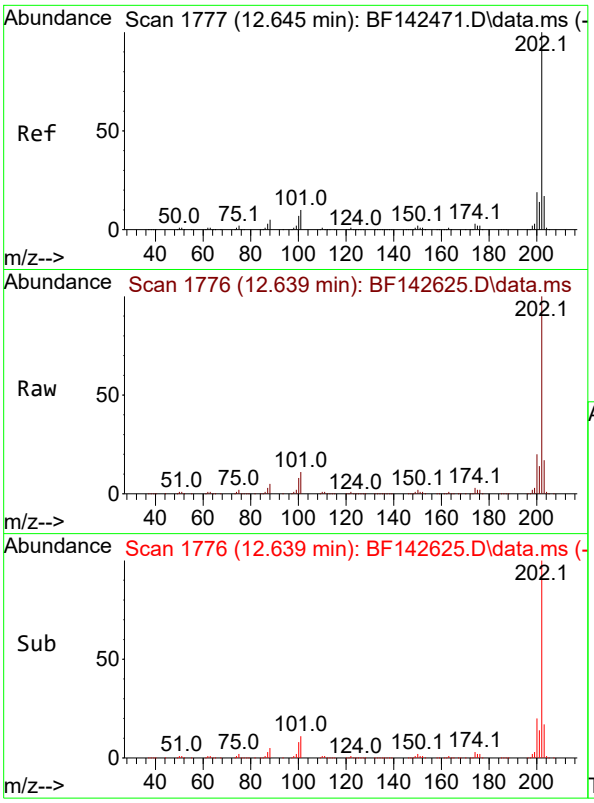


#74
Di-n-butylphthalate
Concen: 35.120 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:149 Resp: 744205

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.3	3.6	5.4



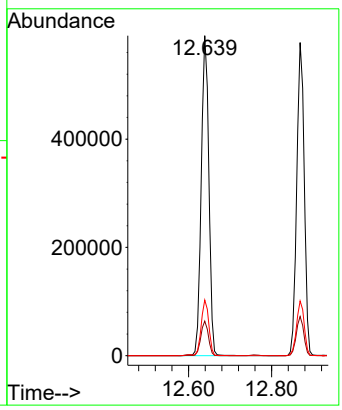


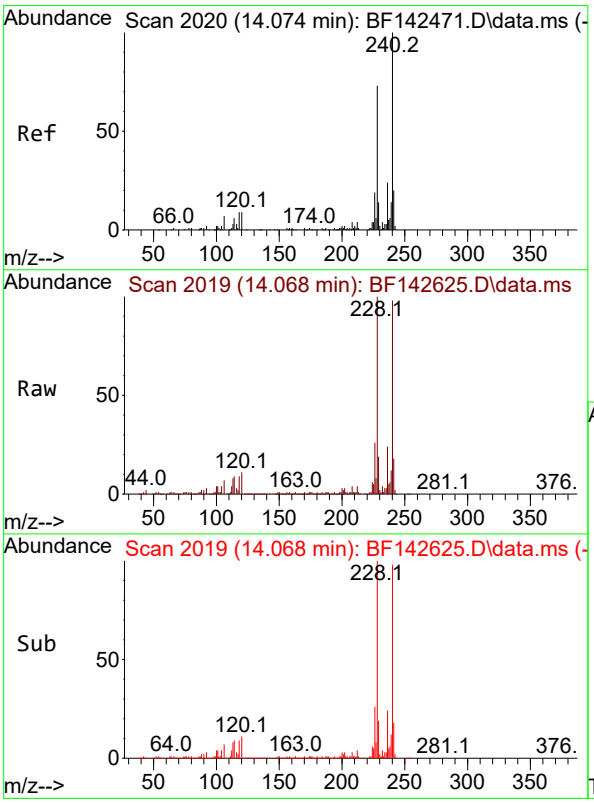
#75
Fluoranthene
Concen: 36.208 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 750697

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.6
203	17.4	0.0	37.2

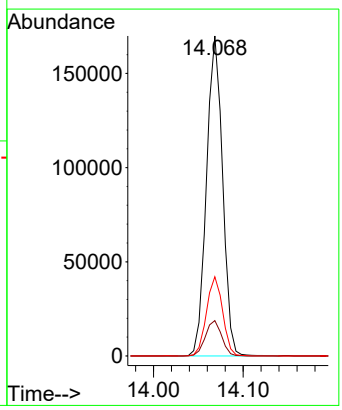


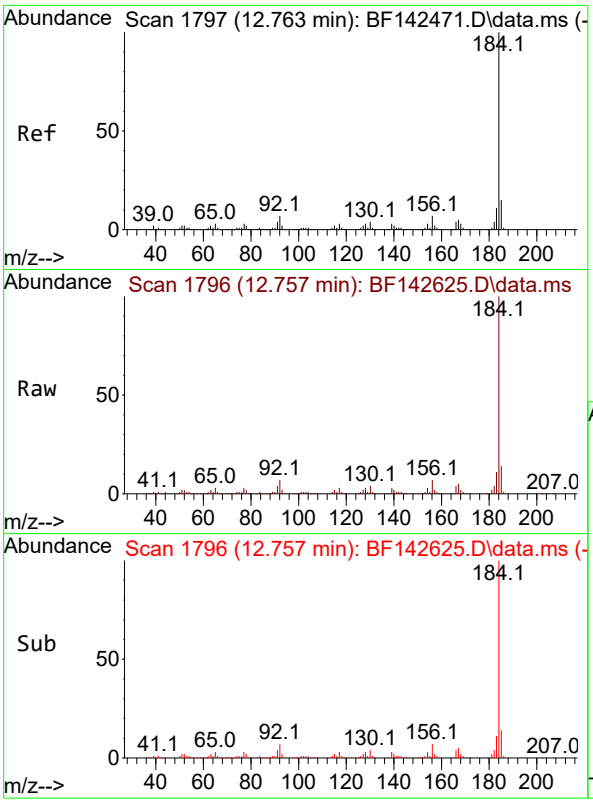


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:240 Resp: 211462

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.5	11.3
236	24.8	19.6	29.4



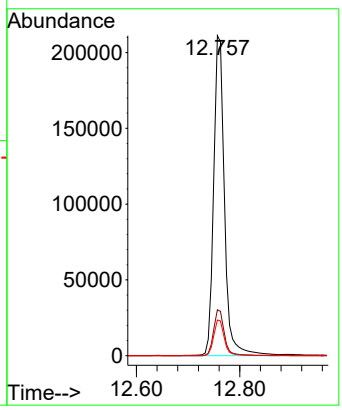


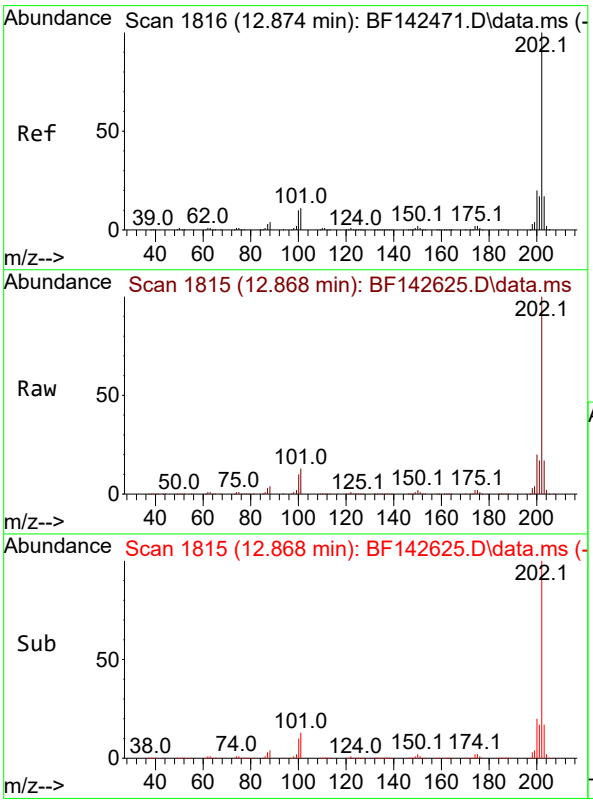
#77
Benzidine
Concen: 39.060 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 307371

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	11.1	9.0	13.4

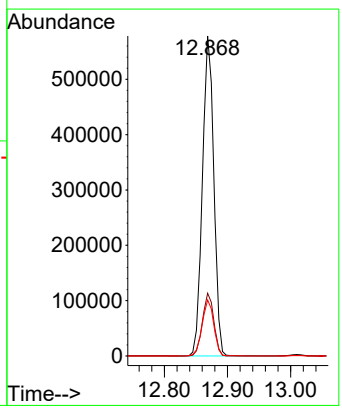


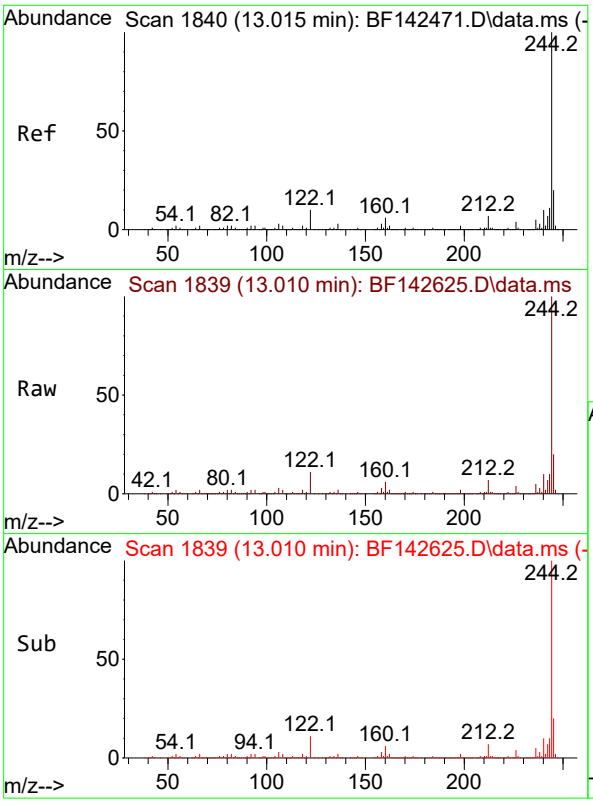


#78
Pyrene
Concen: 36.770 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:202 Resp: 725329

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.1	24.1
203	17.5	13.9	20.9



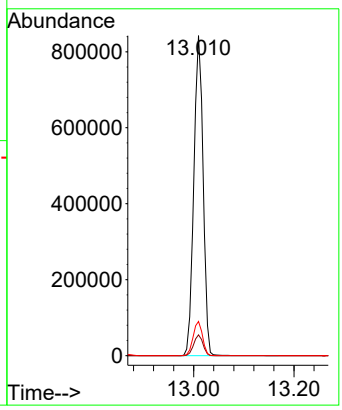


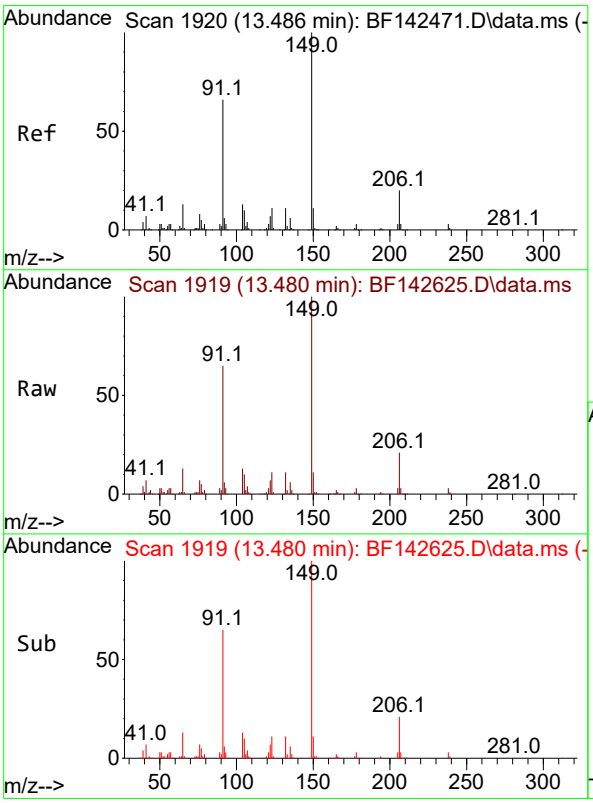
#79
Terphenyl-d14
Concen: 69.729 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1079006

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.7	8.2	12.2

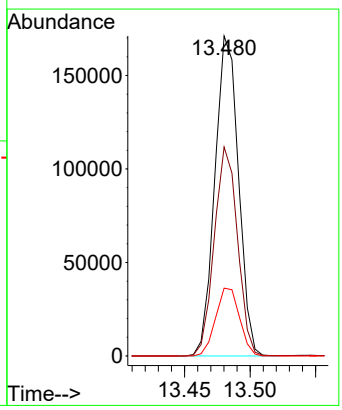


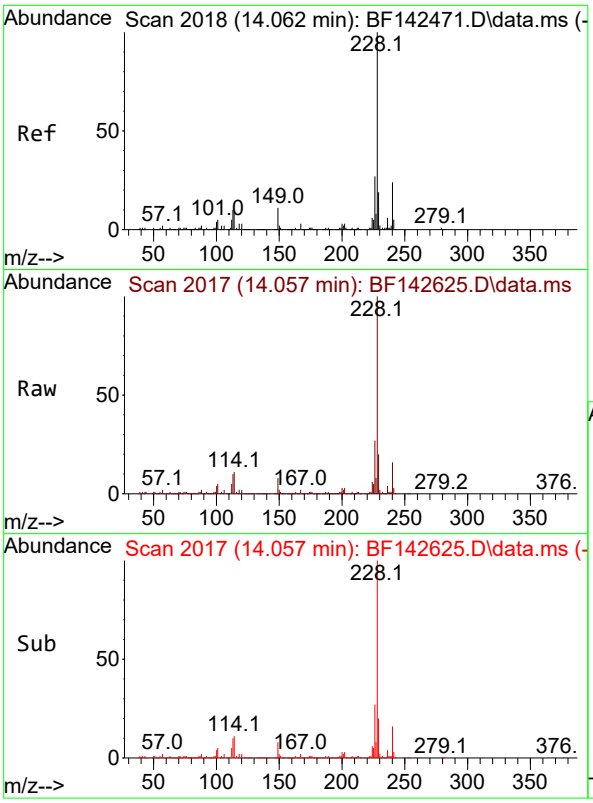


#80
Butylbenzylphthalate
Concen: 39.243 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:149 Resp: 213901

Ion	Ratio	Lower	Upper
149	100		
91	65.3	52.9	79.3
206	21.2	16.2	24.2



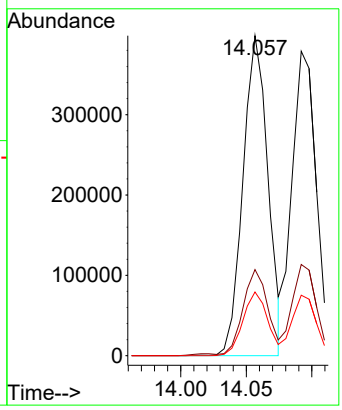


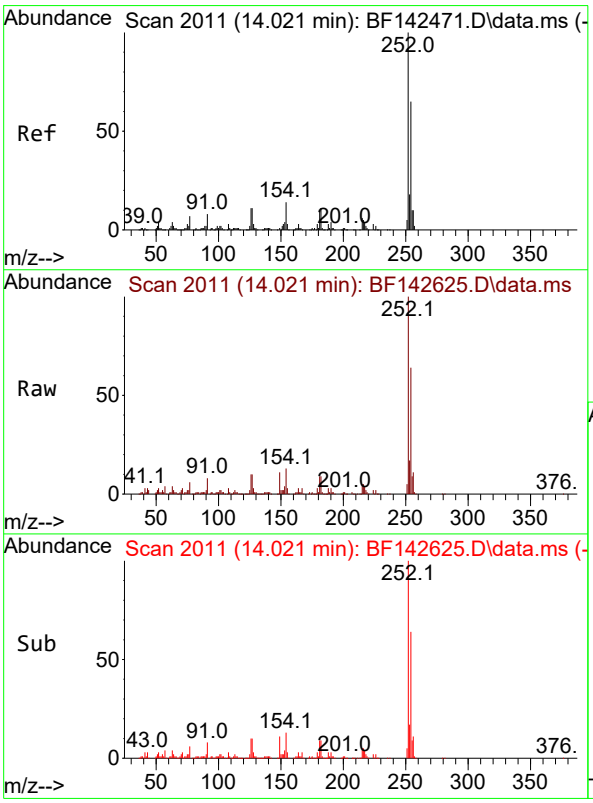
#81
Benzo(a)anthracene
Concen: 37.407 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 528205

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.9	15.5	23.3

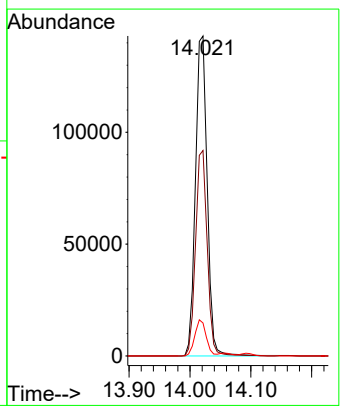


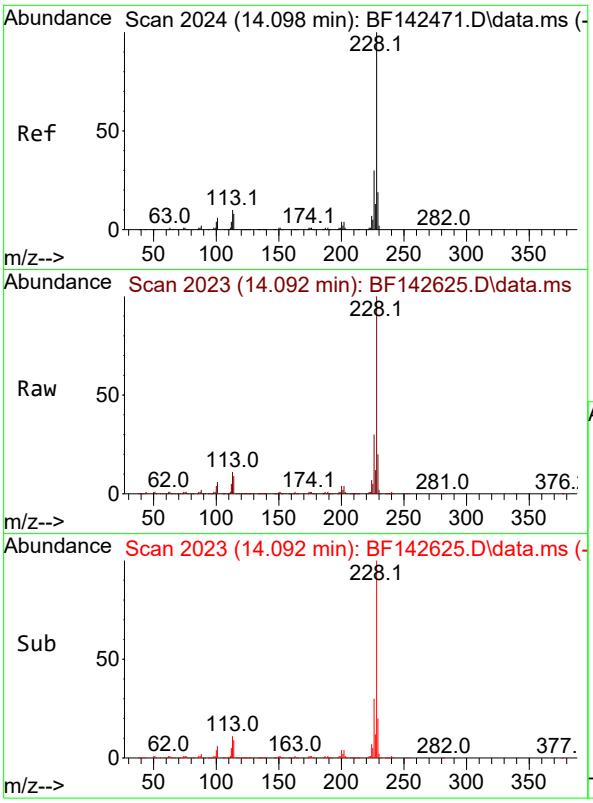


#82
3,3'-Dichlorobenzidine
Concen: 44.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:252 Resp: 191991

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	10.3	8.9	13.3



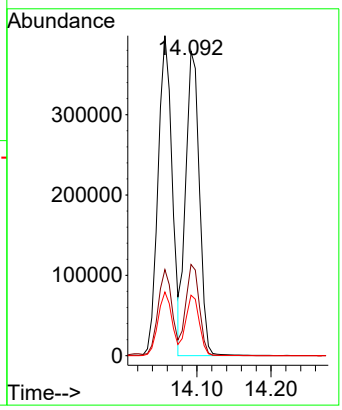


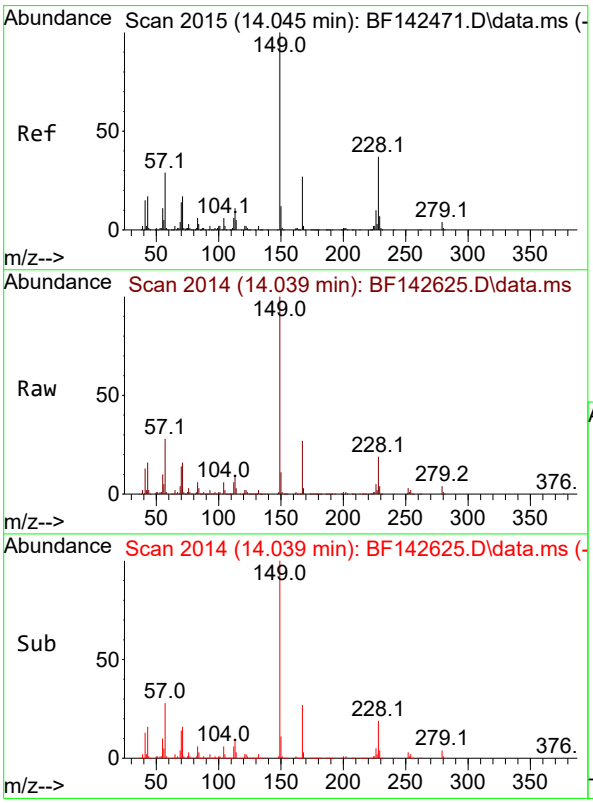
#83
Chrysene
Concen: 38.373 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 486885

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.9	15.4	23.2

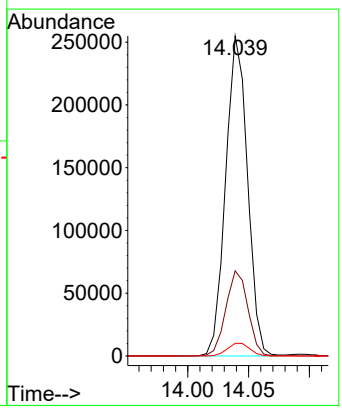


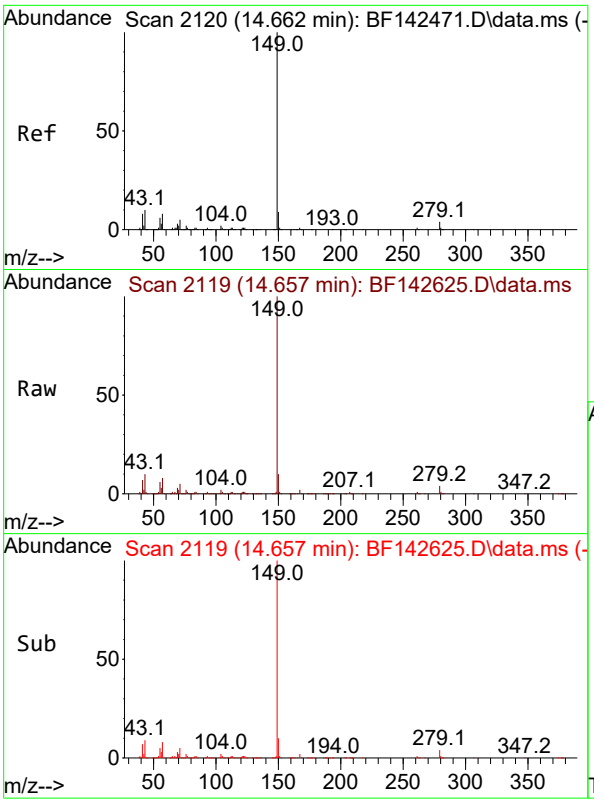


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.647 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:149 Resp: 318517

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.5	32.3
279	4.0	3.2	4.8



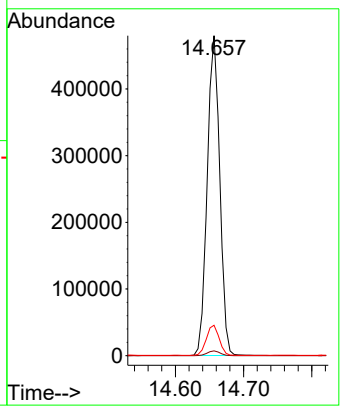


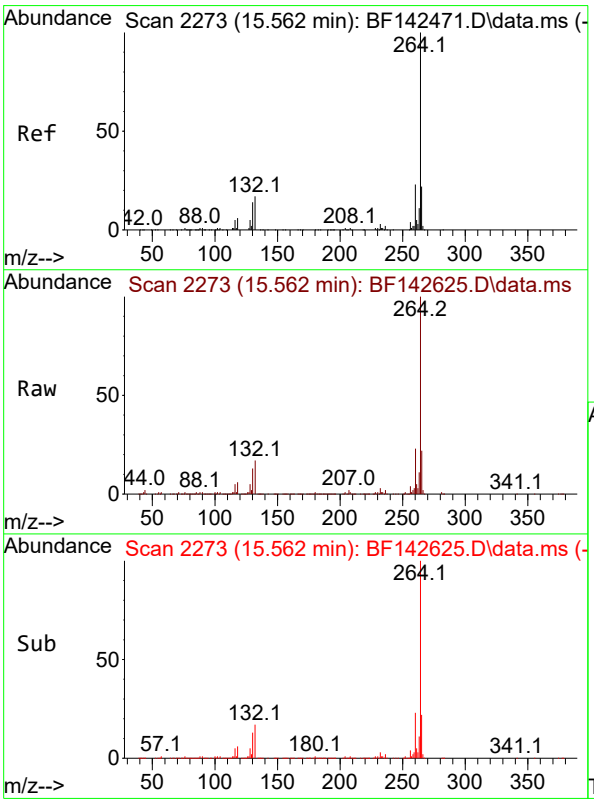
#85
Di-n-octyl phthalate
Concen: 44.953 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 613319

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	7.9	11.9

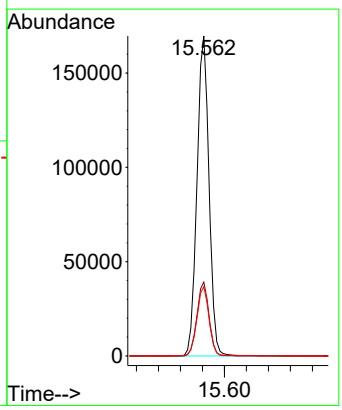


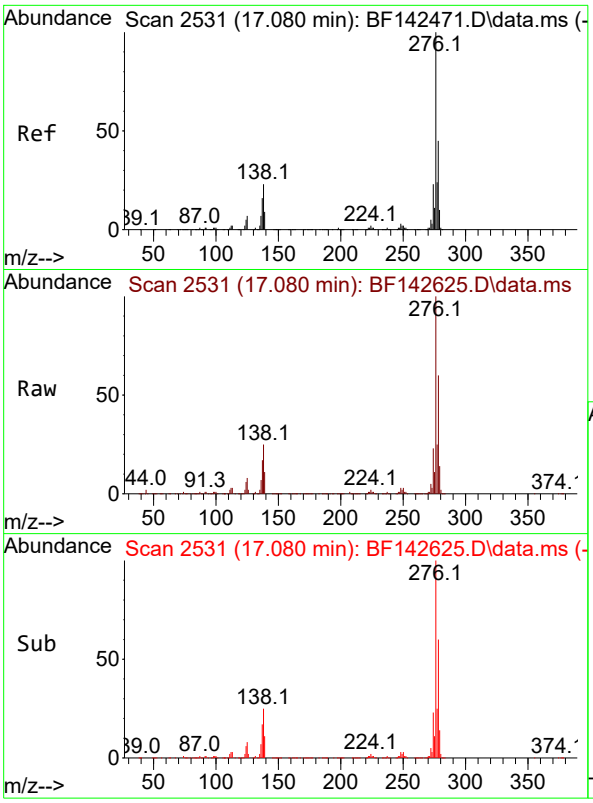


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:264 Resp: 258069

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.6	17.7	26.5



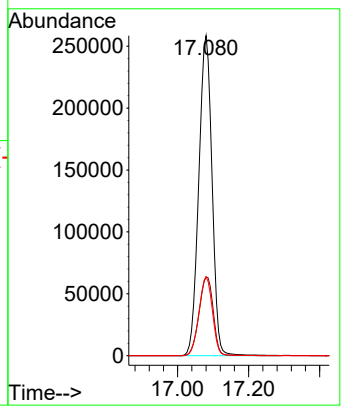


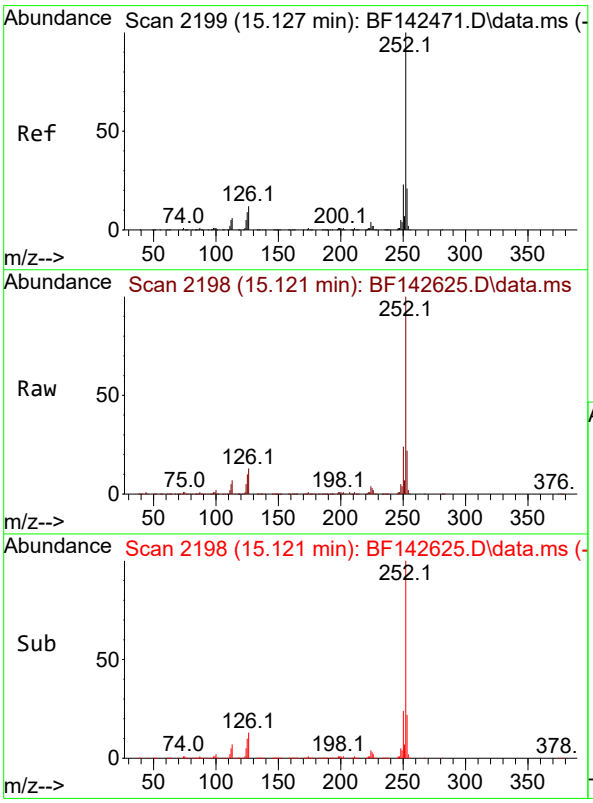
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.708 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 672440

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.9	29.9
277	25.0	20.2	30.2

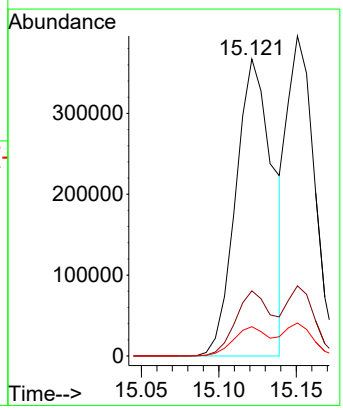


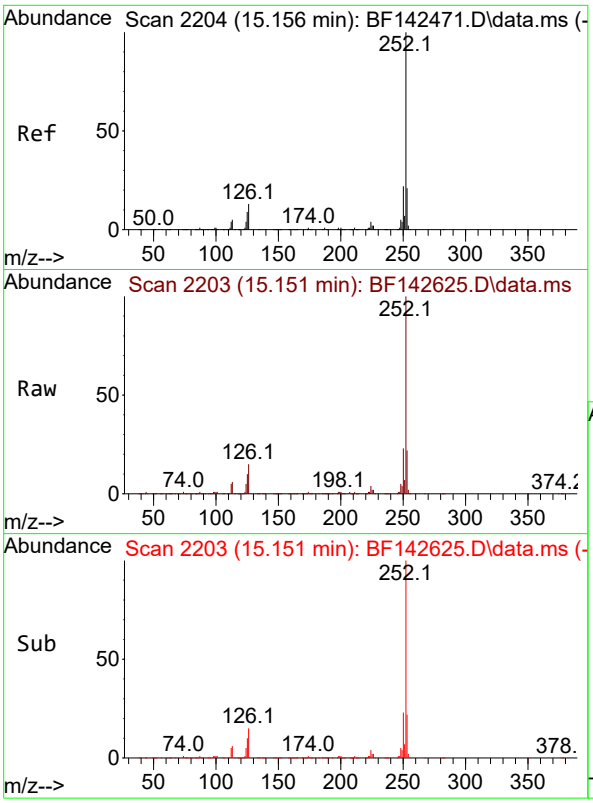


#88
Benzo(b)fluoranthene
Concen: 39.903 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:252 Resp: 609473

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.8	7.4	11.0



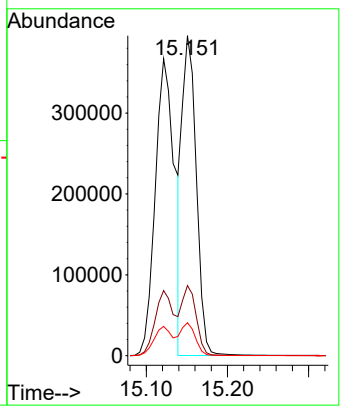


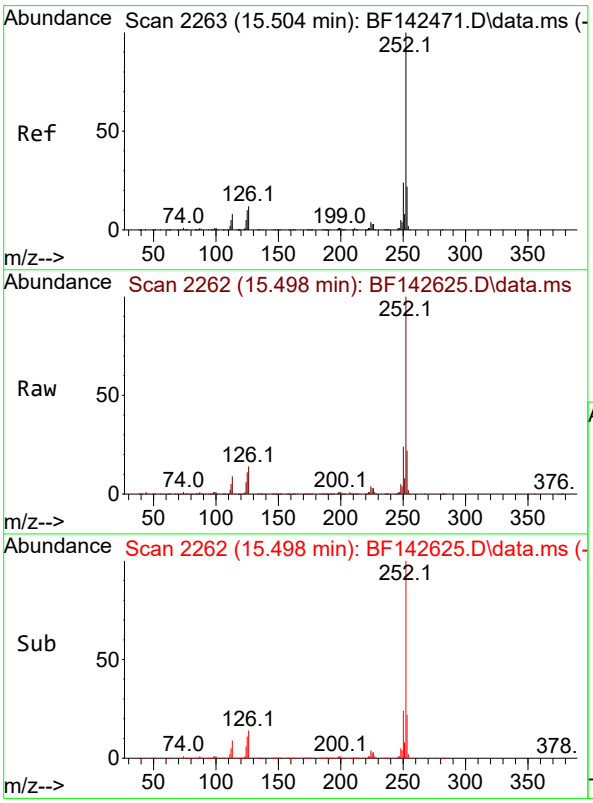
#89
Benzo(k)fluoranthene
Concen: 33.683 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 481854

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.3	7.3	10.9

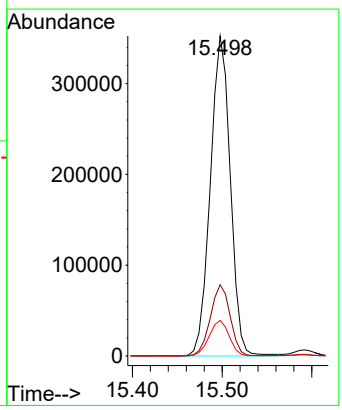


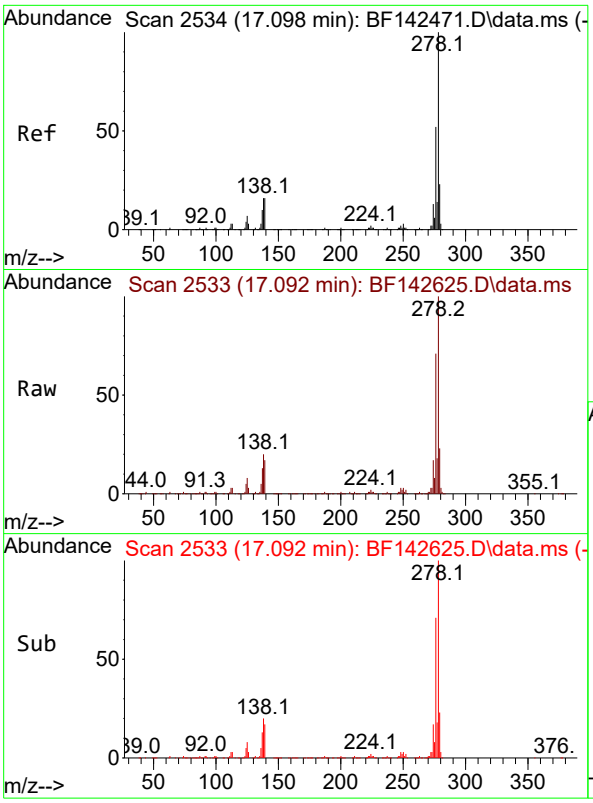


#90
Benzo(a)pyrene
Concen: 37.849 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:252 Resp: 544912

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.1	7.9	11.9



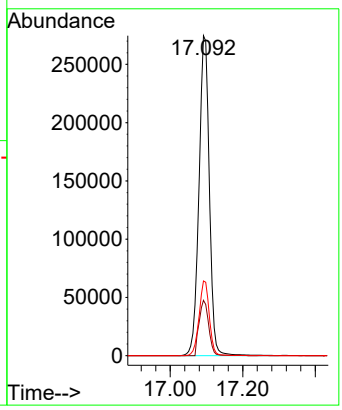


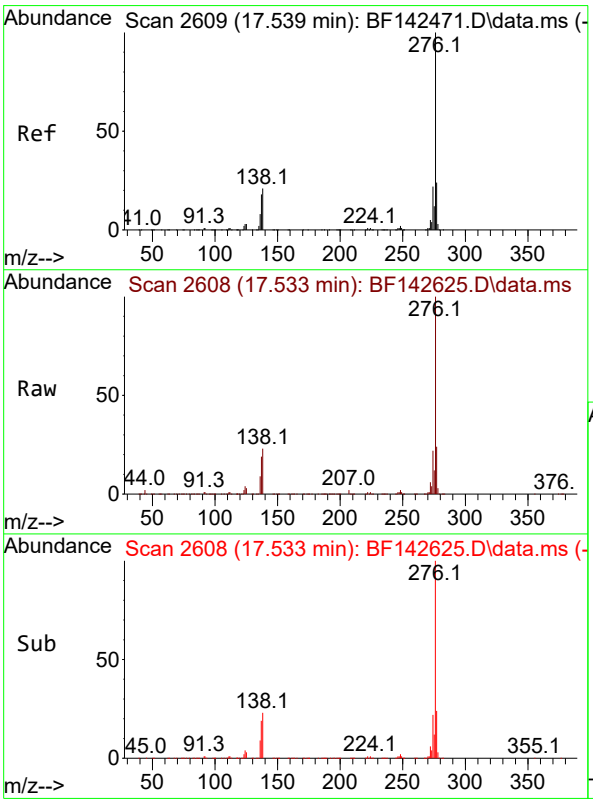
#91
Dibenzo(a,h)anthracene
Concen: 34.758 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 546160

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	23.4	18.6	28.0

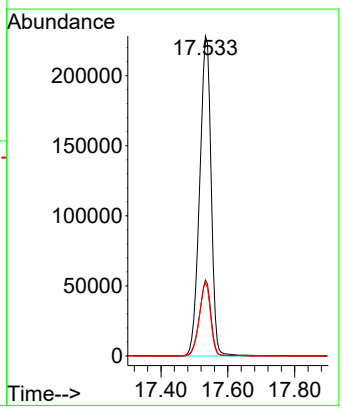




#92
Benzo(g,h,i)perylene
Concen: 34.574 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142625.D
Acq: 05 Jun 2025 09:37

Tgt Ion:276 Resp: 543394

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.9	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	125	0.00
2		1,4-Dioxane	0.475	0.480	-1.1	131	0.00
3		Pyridine	1.210	1.238	-2.3	133	0.00
4		n-Nitrosodimethylamine	0.628	0.601	4.3	122	-0.02
5	S	2-Fluorophenol	1.187	1.156	2.6	129	0.00
6		Aniline	1.921	1.896	1.3	129	-0.01
7	S	Phenol-d6	1.429	1.381	3.4	127	0.00
8		2-Chlorophenol	1.293	1.266	2.1	127	0.00
9		Benzaldehyde	0.859	0.797	7.2	122	0.00
10	C	Phenol	1.608	1.568	2.5	128	-0.01
11		bis(2-Chloroethyl)ether	1.157	1.130	2.3	128	-0.01
12		1,3-Dichlorobenzene	1.443	1.392	3.5	126	0.00
13	C	1,4-Dichlorobenzene	1.453	1.406	3.2	125	0.00
14		1,2-Dichlorobenzene	1.391	1.336	4.0	126	0.00
15		Benzyl Alcohol	1.056	1.006	4.7	124	-0.01
16		2,2'-oxybis(1-Chloropropane	1.944	1.876	3.5	126	-0.01
17		2-Methylphenol	1.010	0.977	3.3	125	0.00
18		Hexachloroethane	0.507	0.492	3.0	126	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.819	7.6	122	-0.02
20		3+4-Methylphenols	1.293	1.213	6.2	122	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	127	0.00
22		Acetophenone	0.443	0.410	7.4	122	-0.01
23	S	Nitrobenzene-d5	0.367	0.346	5.7	123	-0.01
24		Nitrobenzene	0.331	0.312	5.7	123	-0.01
25		Isophorone	0.613	0.566	7.7	121	-0.01
26	C	2-Nitrophenol	0.177	0.174	1.7	126	0.00
27		2,4-Dimethylphenol	0.312	0.301	3.5	126	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.362	5.5	126	-0.01
29	C	2,4-Dichlorophenol	0.283	0.271	4.2	125	0.00
30		1,2,4-Trichlorobenzene	0.308	0.291	5.5	125	0.00
31		Naphthalene	0.985	0.923	6.3	125	0.00
32		Benzoic acid	0.190	0.173	8.9	117	-0.04
33		4-Chloroaniline	0.399	0.383	4.0	125	0.00
34	C	Hexachlorobutadiene	0.192	0.176	8.3	120	0.00
35		Caprolactam	0.080	0.076	5.0	122	-0.02
36	C	4-Chloro-3-methylphenol	0.291	0.267	8.2	120	-0.01
37		2-Methylnaphthalene	0.620	0.579	6.6	125	0.00
38		1-Methylnaphthalene	0.641	0.593	7.5	122	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	123	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.549	4.4	123	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.335	13.4	105	0.00
42	S	2,4,6-Tribromophenol	0.222	0.204	8.1	119	-0.01
43	C	2,4,6-Trichlorophenol	0.387	0.374	3.4	124	0.00
44		2,4,5-Trichlorophenol	0.408	0.388	4.9	121	0.00
45	S	2-Fluorobiphenyl	1.490	1.337	10.3	119	-0.01
46		1,1'-Biphenyl	1.552	1.449	6.6	121	-0.01
47		2-Chloronaphthalene	1.146	1.076	6.1	121	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	0.331	0.320	3.3	122	0.00
49		Acenaphthylene	1.936	1.816	6.2	121	-0.01
50		Dimethylphthalate	1.320	1.228	7.0	121	-0.01
51		2,6-Dinitrotoluene	0.285	0.273	4.2	120	0.00
52	C	Acenaphthene	1.182	1.097	7.2	121	0.00
53		3-Nitroaniline	0.311	0.300	3.5	124	0.00
54	P	2,4-Dinitrophenol	0.147	0.132	10.2	109	0.00
55		Dibenzofuran	1.701	1.577	7.3	121	0.00
56	P	4-Nitrophenol	0.230	0.203	11.7	110	0.00
57		2,4-Dinitrotoluene	0.372	0.363	2.4	123	-0.01
58		Fluorene	1.314	1.218	7.3	122	-0.01
59		2,3,4,6-Tetrachlorophenol	0.341	0.322	5.6	119	0.00
60		Diethylphthalate	1.289	1.178	8.6	118	-0.01
61		4-Chlorophenyl-phenylether	0.646	0.598	7.4	121	0.00
62		4-Nitroaniline	0.282	0.267	5.3	119	-0.01
63		Azobenzene	1.158	1.071	7.5	119	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	121	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.112	0.0	117	0.00
66	c	n-Nitrosodiphenylamine	0.684	0.646	5.6	121	0.00
67		4-Bromophenyl-phenylether	0.236	0.225	4.7	122	0.00
68		Hexachlorobenzene	0.262	0.250	4.6	121	0.00
69		Atrazine	0.182	0.167	8.2	114	0.00
70	C	Pentachlorophenol	0.148	0.131	11.5	108	0.00
71		Phenanthrene	1.069	0.989	7.5	118	0.00
72		Anthracene	1.091	1.031	5.5	120	0.00
73		Carbazole	0.933	0.860	7.8	117	0.00
74		Di-n-butylphthalate	1.021	0.896	12.2	111	-0.01
75	C	Fluoranthene	0.999	0.904	9.5	117	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	125	0.00
77		Benzidine	0.744	0.727	2.3	114	0.00
78		Pyrene	1.866	1.715	8.1	115	0.00
79	S	Terphenyl-d14	1.464	1.276	12.8	112	0.00
80		Butylbenzylphthalate	0.516	0.506	1.9	120	-0.01
81		Benzo(a)anthracene	1.336	1.249	6.5	122	0.00
82		3,3'-Dichlorobenzidine	0.405	0.454	-12.1	140	0.00
83		Chrysene	1.200	1.151	4.1	126	-0.01
84		Bis(2-ethylhexyl)phthalate	0.660	0.753	-14.1	140	-0.01
85	c	Di-n-octyl phthalate	1.290	1.450	-12.4	143	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	136	0.00
87		Indeno(1,2,3-cd)pyrene	1.501	1.303	13.2	123	-0.01
88		Benzo(b)fluoranthene	1.184	1.181	0.3	143	0.00
89		Benzo(k)fluoranthene	1.109	0.934	15.8	122	-0.01
90	C	Benzo(a)pyrene	1.116	1.056	5.4	133	-0.01
91		Dibenzo(a,h)anthracene	1.218	1.058	13.1	122	-0.02
92		Benzo(g,h,i)perylene	1.218	1.053	13.5	122	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
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Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	125	0.00
2		1,4-Dioxane	40.000	40.410	-1.0	131	0.00
3		Pyridine	40.000	40.947	-2.4	133	0.00
4		n-Nitrosodimethylamine	40.000	38.290	4.3	122	-0.02
5	S	2-Fluorophenol	80.000	77.896	2.6	129	0.00
6		Aniline	40.000	39.471	1.3	129	-0.01
7	S	Phenol-d6	80.000	77.312	3.4	127	0.00
8		2-Chlorophenol	40.000	39.178	2.1	127	0.00
9		Benzaldehyde	40.000	37.107	7.2	122	0.00
10	C	Phenol	40.000	38.996	2.5	128	-0.01
11		bis(2-Chloroethyl)ether	40.000	39.048	2.4	128	-0.01
12		1,3-Dichlorobenzene	40.000	38.592	3.5	126	0.00
13	C	1,4-Dichlorobenzene	40.000	38.687	3.3	125	0.00
14		1,2-Dichlorobenzene	40.000	38.413	4.0	126	0.00
15		Benzyl Alcohol	40.000	38.121	4.7	124	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	38.613	3.5	126	-0.01
17		2-Methylphenol	40.000	38.723	3.2	125	0.00
18		Hexachloroethane	40.000	38.760	3.1	126	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.981	7.5	122	-0.02
20		3+4-Methylphenols	40.000	37.528	6.2	122	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	127	0.00
22		Acetophenone	40.000	37.065	7.3	122	-0.01
23	S	Nitrobenzene-d5	80.000	75.377	5.8	123	-0.01
24		Nitrobenzene	40.000	37.704	5.7	123	-0.01
25		Isophorone	40.000	36.930	7.7	121	-0.01
26	C	2-Nitrophenol	40.000	39.397	1.5	126	0.00
27		2,4-Dimethylphenol	40.000	38.580	3.6	126	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.793	5.5	126	-0.01
29	C	2,4-Dichlorophenol	40.000	38.280	4.3	125	0.00
30		1,2,4-Trichlorobenzene	40.000	37.811	5.5	125	0.00
31		Naphthalene	40.000	37.509	6.2	125	0.00
32		Benzoic acid	40.000	36.415	9.0	117	-0.04
33		4-Chloroaniline	40.000	38.402	4.0	125	0.00
34	C	Hexachlorobutadiene	40.000	36.666	8.3	120	0.00
35		Caprolactam	40.000	38.036	4.9	122	-0.02
36	C	4-Chloro-3-methylphenol	40.000	36.714	8.2	120	-0.01
37		2-Methylnaphthalene	40.000	37.375	6.6	125	0.00
38		1-Methylnaphthalene	40.000	37.001	7.5	122	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	123	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.259	4.4	123	0.00
41	P	Hexachlorocyclopentadiene	40.000	34.650	13.4	105	0.00
42	S	2,4,6-Tribromophenol	80.000	73.469	8.2	119	-0.01
43	C	2,4,6-Trichlorophenol	40.000	38.593	3.5	124	0.00
44		2,4,5-Trichlorophenol	40.000	37.970	5.1	121	0.00
45	S	2-Fluorobiphenyl	80.000	71.781	10.3	119	-0.01
46		1,1'-Biphenyl	40.000	37.345	6.6	121	-0.01
47		2-Chloronaphthalene	40.000	37.561	6.1	121	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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	38.573	3.6	122	0.00
49		Acenaphthylene	40.000	37.526	6.2	121	-0.01
50		Dimethylphthalate	40.000	37.211	7.0	121	-0.01
51		2,6-Dinitrotoluene	40.000	38.373	4.1	120	0.00
52	C	Acenaphthene	40.000	37.134	7.2	121	0.00
53		3-Nitroaniline	40.000	38.576	3.6	124	0.00
54	P	2,4-Dinitrophenol	40.000	35.863	10.3	109	0.00
55		Dibenzofuran	40.000	37.075	7.3	121	0.00
56	P	4-Nitrophenol	40.000	35.358	11.6	110	0.00
57		2,4-Dinitrotoluene	40.000	39.006	2.5	123	-0.01
58		Fluorene	40.000	37.066	7.3	122	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	37.830	5.4	119	0.00
60		Diethylphthalate	40.000	36.575	8.6	118	-0.01
61		4-Chlorophenyl-phenylether	40.000	37.050	7.4	121	0.00
62		4-Nitroaniline	40.000	37.923	5.2	119	-0.01
63		Azobenzene	40.000	37.006	7.5	119	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	121	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.095	-0.2	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.790	5.5	121	0.00
67		4-Bromophenyl-phenylether	40.000	37.992	5.0	122	0.00
68		Hexachlorobenzene	40.000	38.159	4.6	121	0.00
69		Atrazine	40.000	36.706	8.2	114	0.00
70	C	Pentachlorophenol	40.000	35.392	11.5	108	0.00
71		Phenanthrene	40.000	37.001	7.5	118	0.00
72		Anthracene	40.000	37.793	5.5	120	0.00
73		Carbazole	40.000	36.874	7.8	117	0.00
74		Di-n-butylphthalate	40.000	35.120	12.2	111	-0.01
75	C	Fluoranthene	40.000	36.208	9.5	117	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	125	0.00
77		Benzidine	40.000	39.060	2.3	114	0.00
78		Pyrene	40.000	36.770	8.1	115	0.00
79	S	Terphenyl-d14	80.000	69.729	12.8	112	0.00
80		Butylbenzylphthalate	40.000	39.243	1.9	120	-0.01
81		Benzo(a)anthracene	40.000	37.407	6.5	122	0.00
82		3,3'-Dichlorobenzidine	40.000	44.828	-12.1	140	0.00
83		Chrysene	40.000	38.373	4.1	126	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.647	-14.1	140	-0.01
85	c	Di-n-octyl phthalate	40.000	44.953	-12.4	143	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	136	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	34.708	13.2	123	-0.01
88		Benzo(b)fluoranthene	40.000	39.903	0.2	143	0.00
89		Benzo(k)fluoranthene	40.000	33.683	15.8	122	-0.01
90	C	Benzo(a)pyrene	40.000	37.849	5.4	133	-0.01
91		Dibenzo(a,h)anthracene	40.000	34.758	13.1	122	-0.02
92		Benzo(g,h,i)perylene	40.000	34.574	13.6	122	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142625.D
Acq On : 05 Jun 2025 09:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 05 11:34:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q2181 SAS No.: Q2181 SDG No.: Q2181

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.141		-2.8	
Phenol-d6	1.382	1.367		-1.1	
Nitrobenzene-d5	0.365	0.358		-1.9	
2,4-Dimethylphenol	0.308	0.305		-1.0	
2-Fluorobiphenyl	1.505	1.452		-3.5	
2,4,6-Tribromophenol	0.219	0.218		-0.5	
Terphenyl-d14	1.456	1.502		3.2	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78219	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	306828	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	172169	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	291189	20.000	ng	0.00
76) Chrysene-d12	14.068	240	151467	20.000	ng	0.00
86) Perylene-d12	15.562	264	144700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	356932	77.718	ng	0.00
7) Phenol-d6	6.522	99	427800	79.151	ng	0.00
23) Nitrobenzene-d5	7.463	82	438940	78.292	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	150317	79.661	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1000211	77.182	ng	0.00
79) Terphenyl-d14	13.010	244	909882	82.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	70362	38.713	ng	99
3) Pyridine	3.434	79	181890	39.912	ng	99
4) n-Nitrosodimethylamine	3.393	42	92221	39.551	ng	99
6) Aniline	6.557	93	286728	39.637	ng	99
8) 2-Chlorophenol	6.675	128	196912	39.234	ng	100
9) Benzaldehyde	6.445	77	128021	38.249	ng	99
10) Phenol	6.534	94	238989	39.780	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	177643	39.588	ng	99
12) 1,3-Dichlorobenzene	6.834	146	223632	39.044	ng	99
13) 1,4-Dichlorobenzene	6.910	146	226923	39.202	ng	99
14) 1,2-Dichlorobenzene	7.063	146	216495	39.017	ng	99
15) Benzyl Alcohol	7.034	79	165174	40.433	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	281441	39.836	ng	99
17) 2-Methylphenol	7.145	107	154089	40.048	ng	100
18) Hexachloroethane	7.410	117	79503	38.325	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	139102	40.427	ng	98
20) 3+4-Methylphenols	7.298	107	194307	40.057	ng	96
22) Acetophenone	7.304	105	264649	38.775	ng	99
24) Nitrobenzene	7.481	77	196237	39.438	ng	98
25) Isophorone	7.716	82	376632	39.677	ng	100
26) 2-Nitrophenol	7.792	139	111614	40.193	ng	99
27) 2,4-Dimethylphenol	7.828	122	186898	39.530	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	233354	39.595	ng	99
29) 2,4-Dichlorophenol	8.039	162	174063	39.892	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	188170	39.027	ng	99
31) Naphthalene	8.204	128	598797	39.461	ng	100
32) Benzoic acid	7.945	122	107892	40.520	ng	99
33) 4-Chloroaniline	8.251	127	244917	40.198	ng	99
34) Hexachlorobutadiene	8.316	225	121013	39.386	ng	99
35) Caprolactam	8.622	113	48942	41.553	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	181270	39.954	ng	98
37) 2-Methylnaphthalene	8.892	142	379974	39.561	ng	99
38) 1-Methylnaphthalene	8.992	142	394920	39.691	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	195292	39.191	ng	99
41) Hexachlorocyclopentadiene	9.045	237	127080	39.734	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	131246	40.688	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

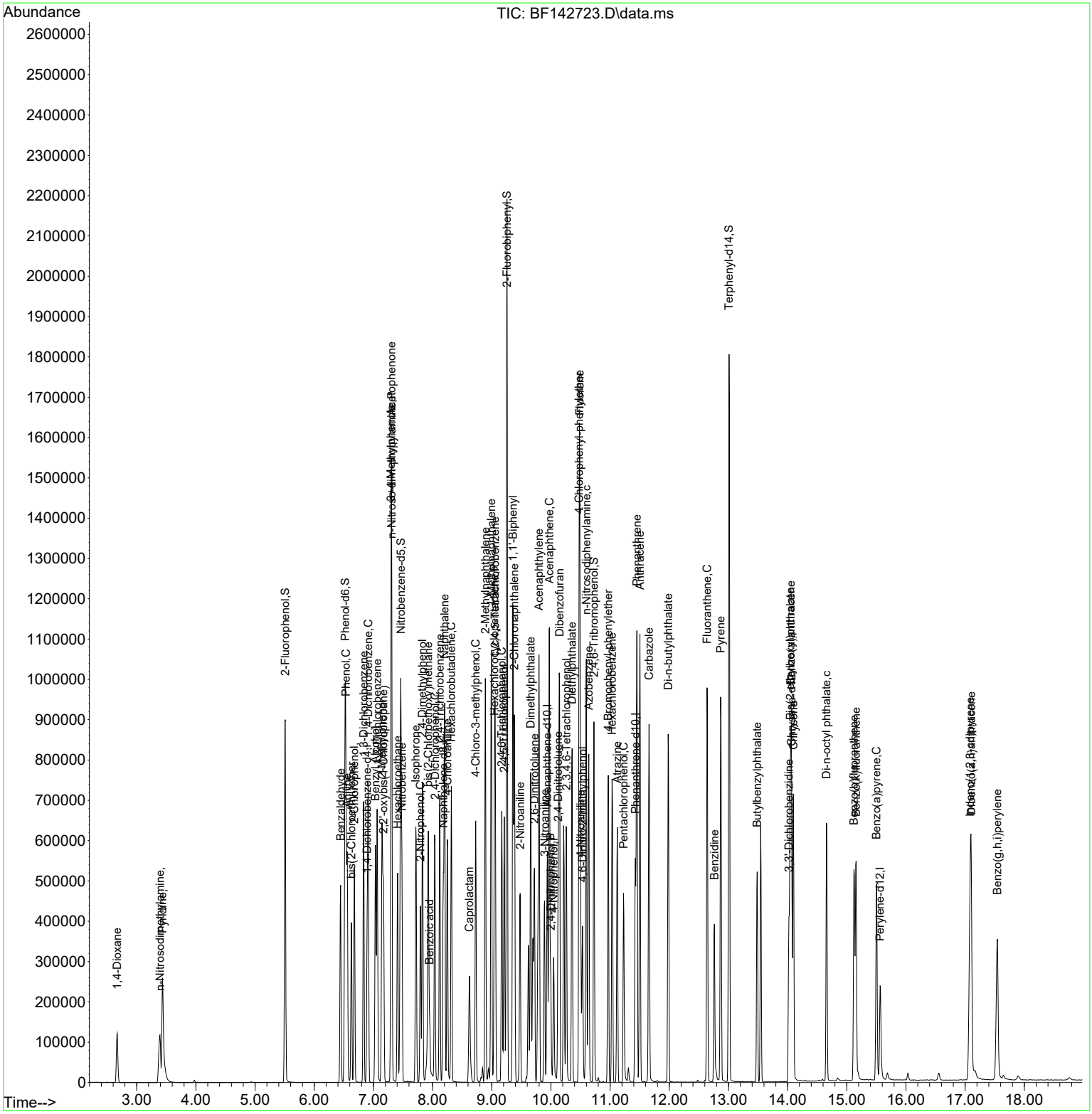
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	135988	39.033	ng		99
46) 1,1'-Biphenyl	9.357	154	522058	39.049	ng		100
47) 2-Chloronaphthalene	9.380	162	390352	39.632	ng		100
48) 2-Nitroaniline	9.480	65	112135	40.029	ng		96
49) Acenaphthylene	9.798	152	651104	39.206	ng		99
50) Dimethylphthalate	9.657	163	456082	39.669	ng		100
51) 2,6-Dinitrotoluene	9.722	165	98186	39.514	ng		96
52) Acenaphthene	9.975	154	403723	39.208	ng		99
53) 3-Nitroaniline	9.892	138	106252	39.423	ng		97
54) 2,4-Dinitrophenol	9.998	184	54702	40.188	ng		90
55) Dibenzofuran	10.145	168	575927	39.278	ng		99
56) 4-Nitrophenol	10.045	139	73907	40.432	ng		98
57) 2,4-Dinitrotoluene	10.122	165	135035	41.102	ng		99
58) Fluorene	10.486	166	447860	38.679	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	115317	39.344	ng		100
60) Diethylphthalate	10.357	149	454002	39.823	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	224135	39.637	ng		99
62) 4-Nitroaniline	10.504	138	99888	41.427	ng		99
63) Azobenzene	10.639	77	400645	40.239	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	72521	39.770	ng		97
66) n-Nitrosodiphenylamine	10.598	169	388235	38.788	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	135412	39.397	ng		98
68) Hexachlorobenzene	11.033	284	148372	38.888	ng		99
69) Atrazine	11.122	200	111926	41.943	ng		98
70) Pentachlorophenol	11.227	266	80252	40.127	ng		96
71) Phenanthrene	11.451	178	607696	38.955	ng		100
72) Anthracene	11.504	178	622981	38.603	ng		100
73) Carbazole	11.657	167	536095	39.681	ng		99
74) Di-n-butylphthalate	11.980	149	641208	42.505	ng		99
75) Fluoranthene	12.639	202	592143	39.918	ng		99
77) Benzidine	12.763	184	252286	46.769	ng		99
78) Pyrene	12.868	202	576896	40.985	ng		100
80) Butylbenzylphthalate	13.486	149	178350	42.848	ng		99
81) Benzo(a)anthracene	14.057	228	402953	40.146	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	123235	38.074	ng		99
83) Chrysene	14.098	228	353764	38.175	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	248697	39.812	ng	#	99
85) Di-n-octyl phthalate	14.657	149	454287	37.906	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	434462	40.517	ng		100
88) Benzo(b)fluoranthene	15.121	252	344883	40.478	ng		99
89) Benzo(k)fluoranthene	15.157	252	327636	39.633	ng		100
90) Benzo(a)pyrene	15.504	252	321736	39.716	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	358984	41.000	ng		98
92) Benzo(g,h,i)perylene	17.545	276	346114	39.753	ng		98

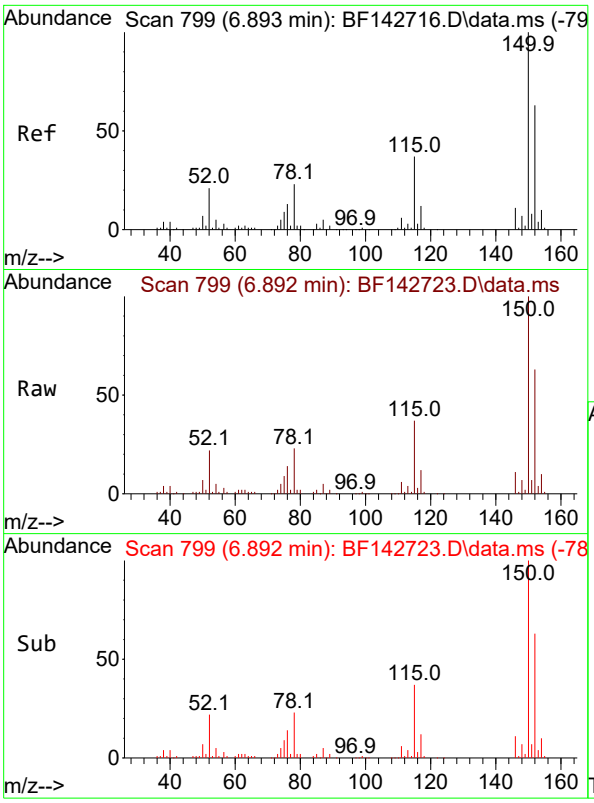
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



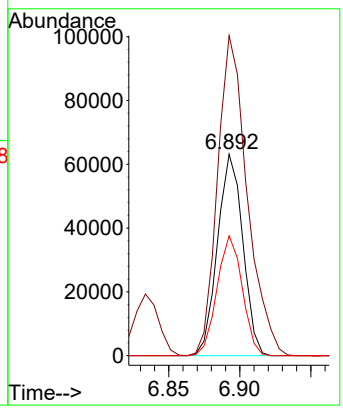


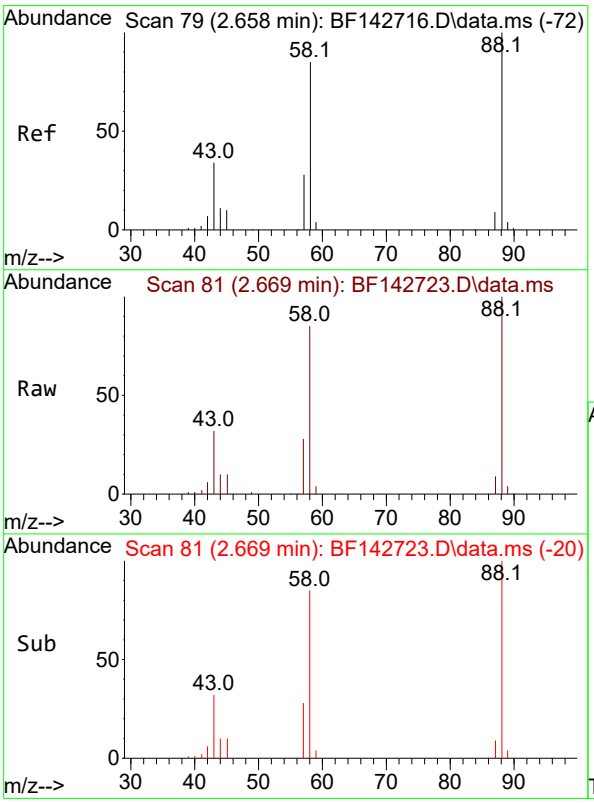
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 78219

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	59.5	47.0	70.6

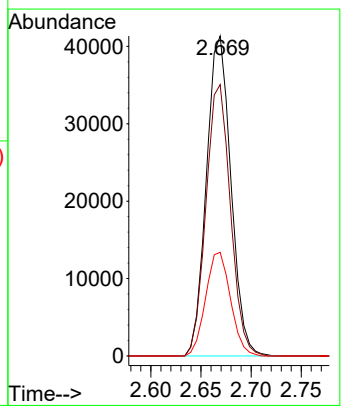


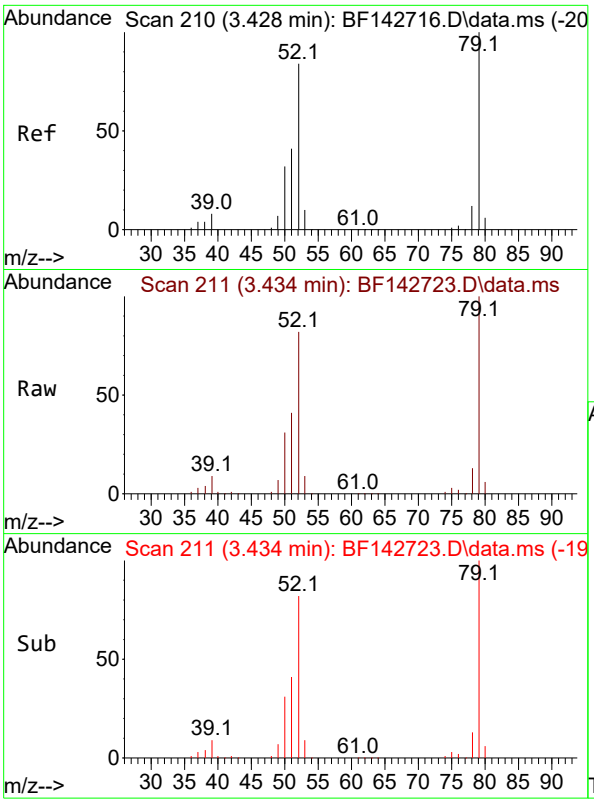


#2
1,4-Dioxane
Concen: 38.713 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 88 Resp: 70362

Ion	Ratio	Lower	Upper
88	100		
58	84.7	68.4	102.6
43	32.9	27.0	40.6



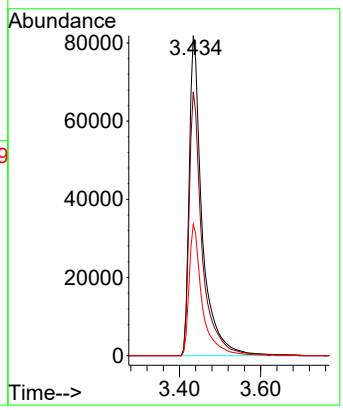


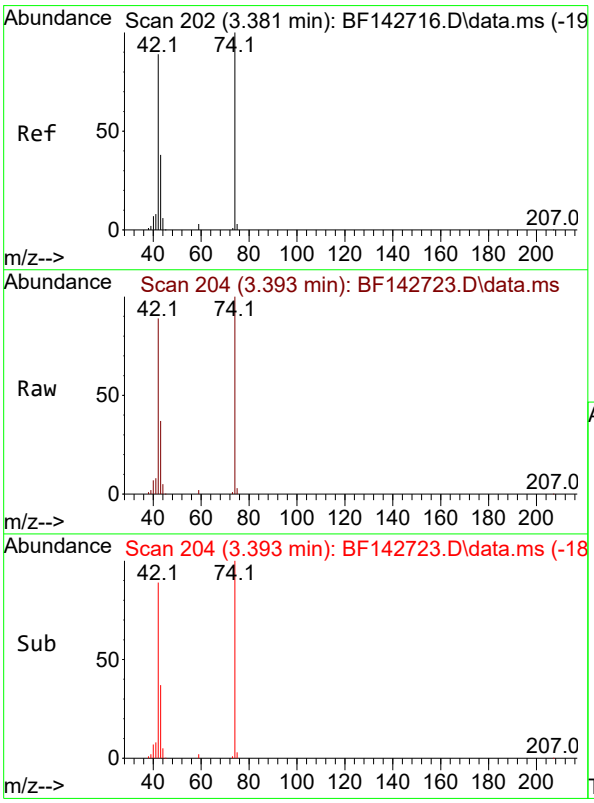
#3
Pyridine
Concen: 39.912 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 181890

Ion	Ratio	Lower	Upper
79	100		
52	82.4	67.1	100.7
51	41.1	32.6	48.8

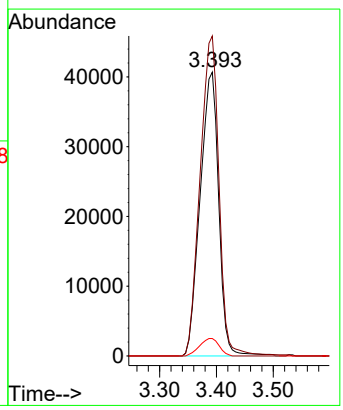


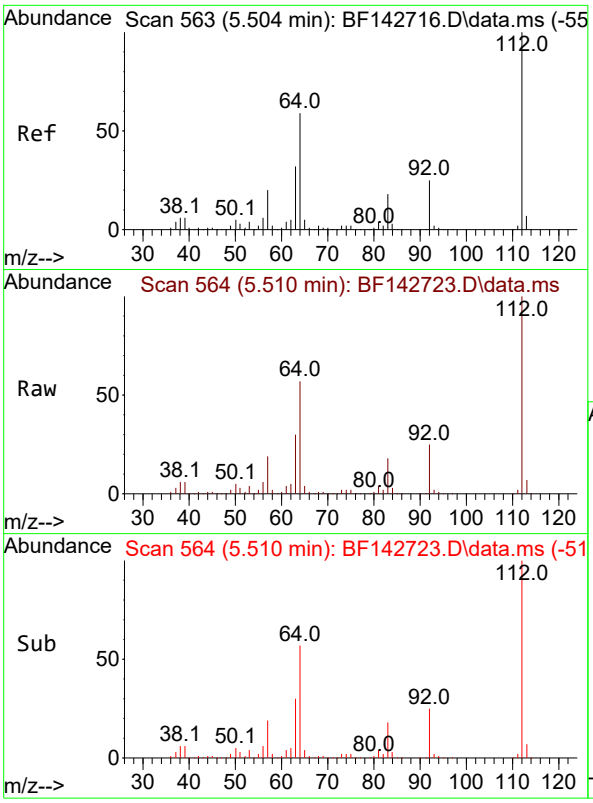


#4
n-Nitrosodimethylamine
Concen: 39.551 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 42 Resp: 92221

Ion	Ratio	Lower	Upper
42	100		
74	112.7	89.6	134.4
44	6.2	5.4	8.2



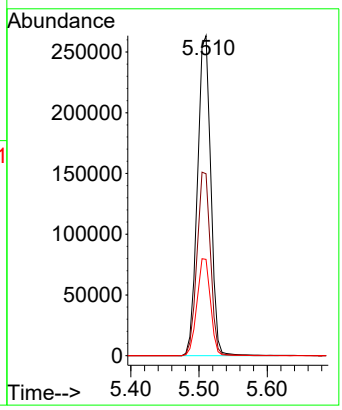


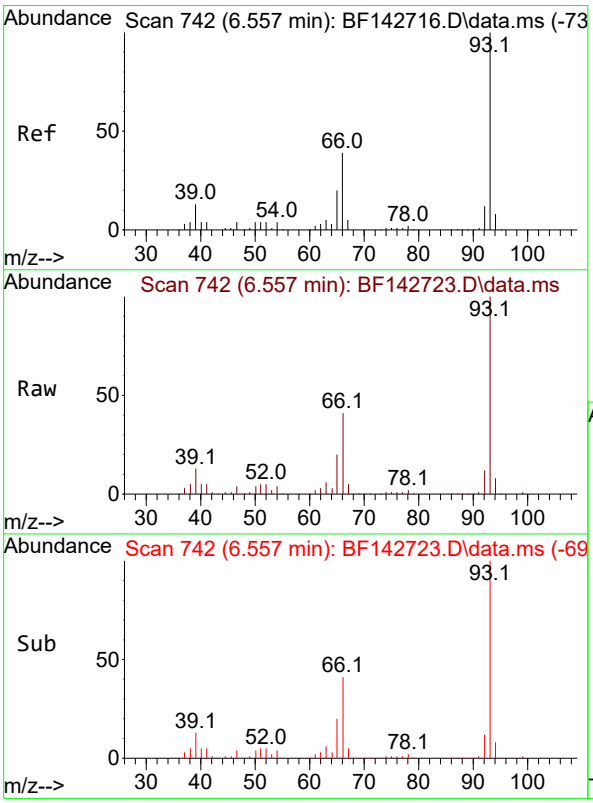
#5
2-Fluorophenol
Concen: 77.718 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 356932

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	30.1	25.4	38.0

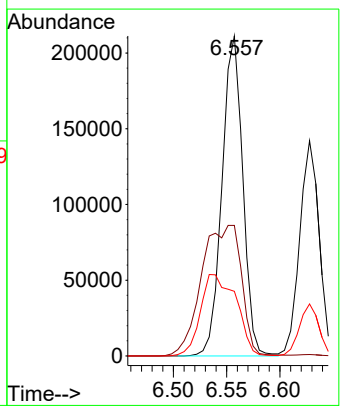


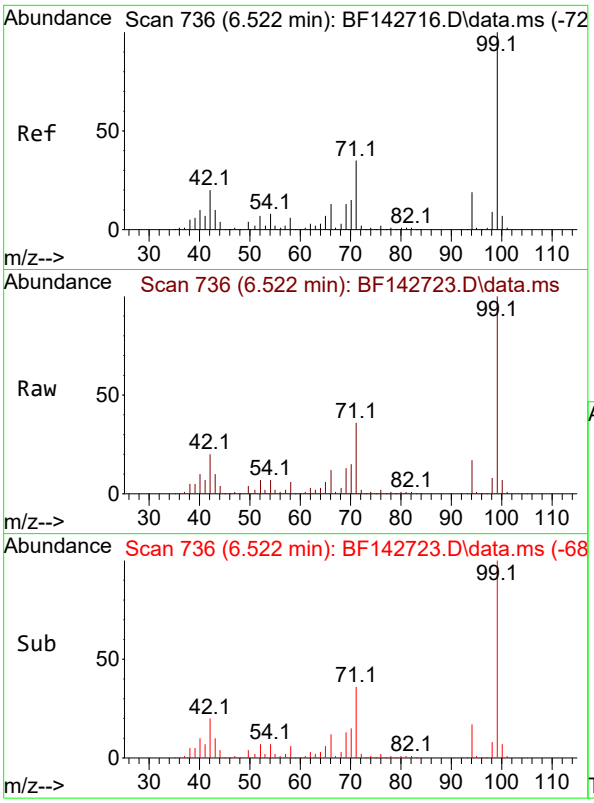


#6
Aniline
Concen: 39.637 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 93 Resp: 286728

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.0	48.0
65	20.2	16.1	24.1



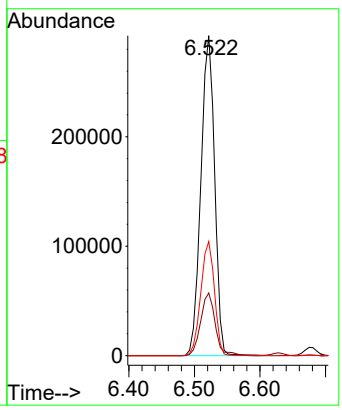


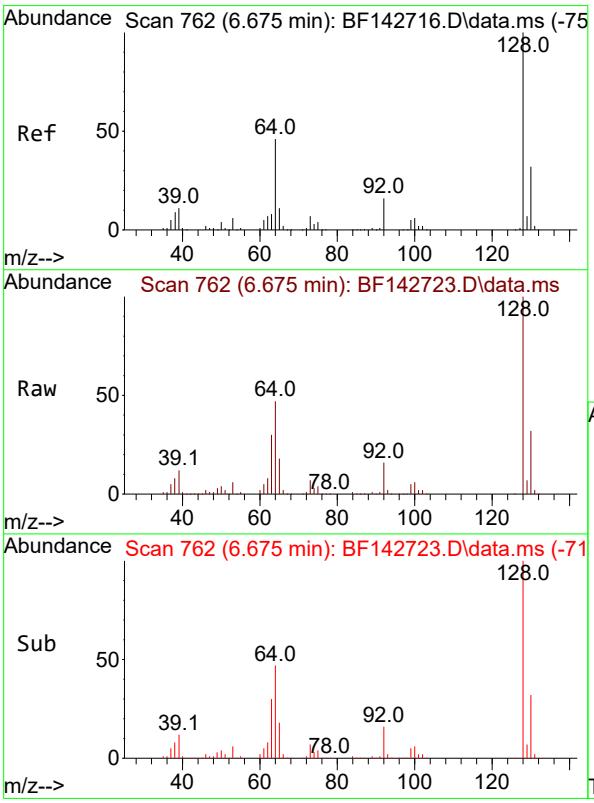
#7
Phenol-d6
Concen: 79.151 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 427800

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	35.6	28.0	42.0

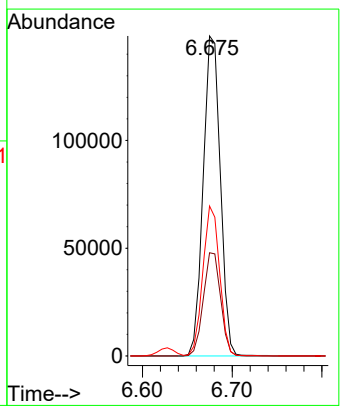


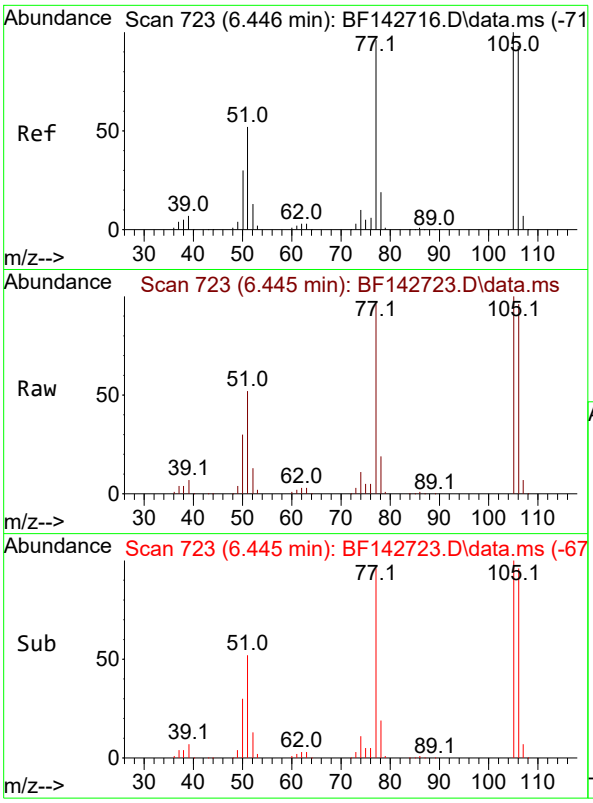


#8
2-Chlorophenol
Concen: 39.234 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:128 Resp: 196912

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	46.9	26.5	66.5



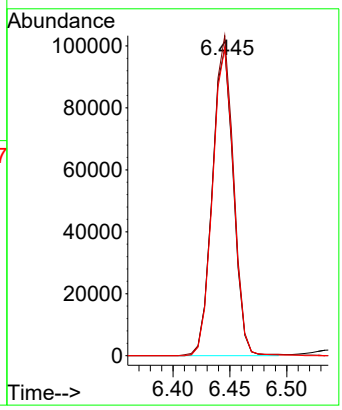


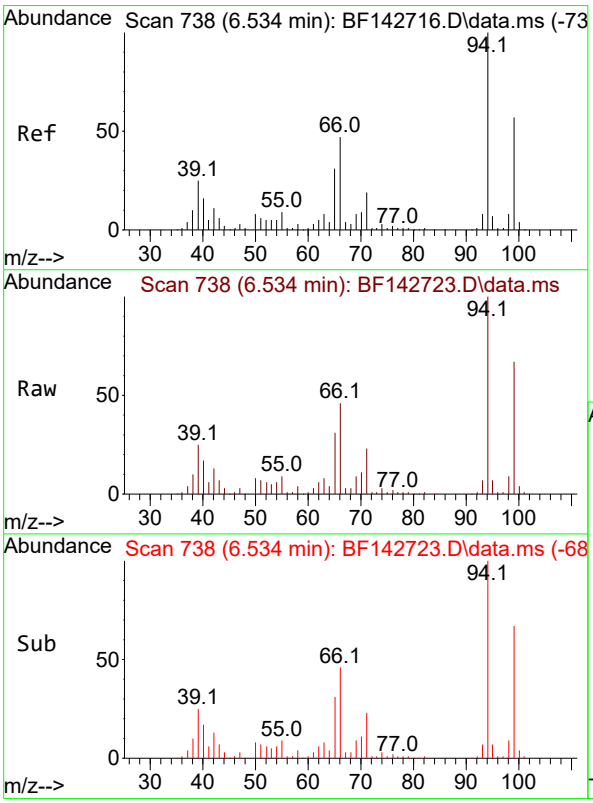
#9
Benzaldehyde
Concen: 38.249 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 128021

Ion	Ratio	Lower	Upper
77	100		
105	103.9	84.1	124.1
106	100.0	77.2	117.2

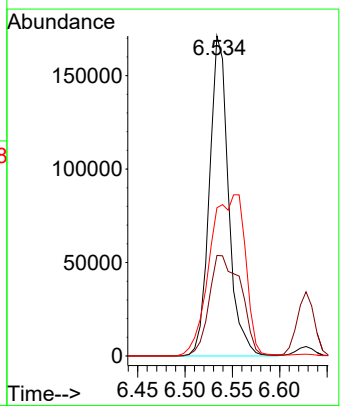


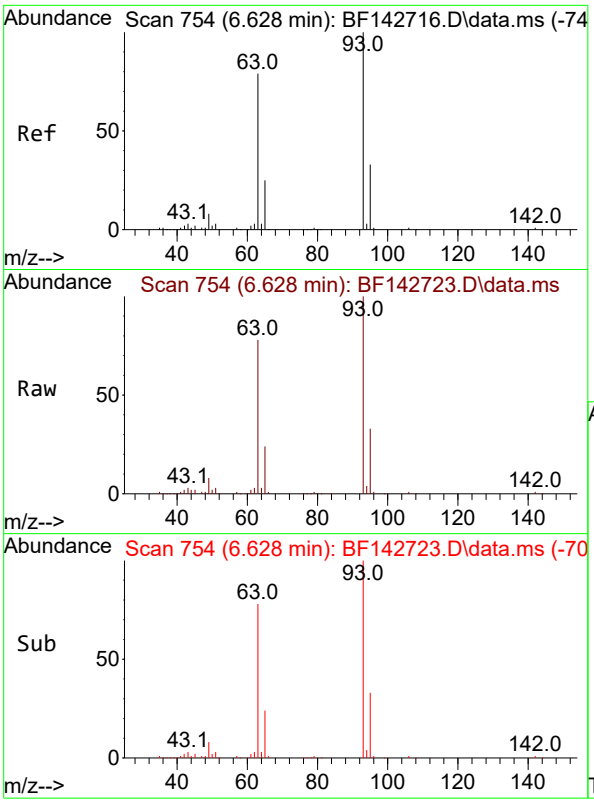


#10
Phenol
Concen: 39.780 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 94 Resp: 238989

Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.4	51.4
66	46.3	26.7	66.7



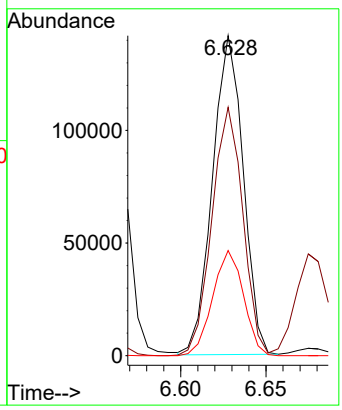


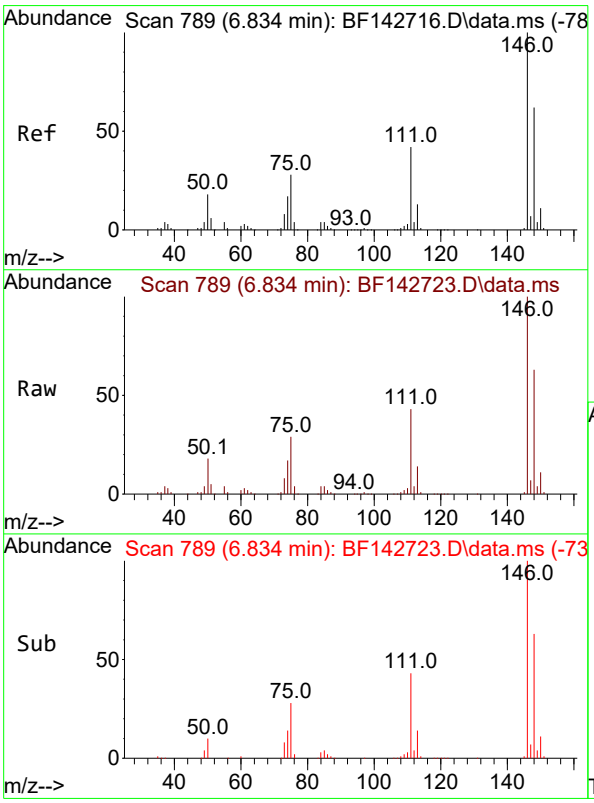
#11
bis(2-Chloroethyl)ether
Concen: 39.588 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 177643

Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.3	98.3
95	32.8	13.1	53.1

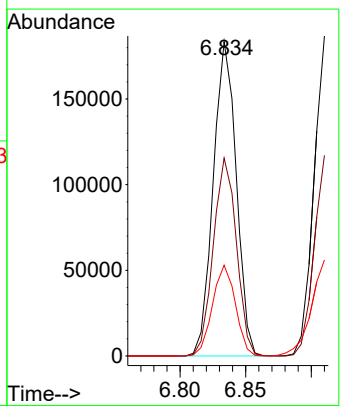


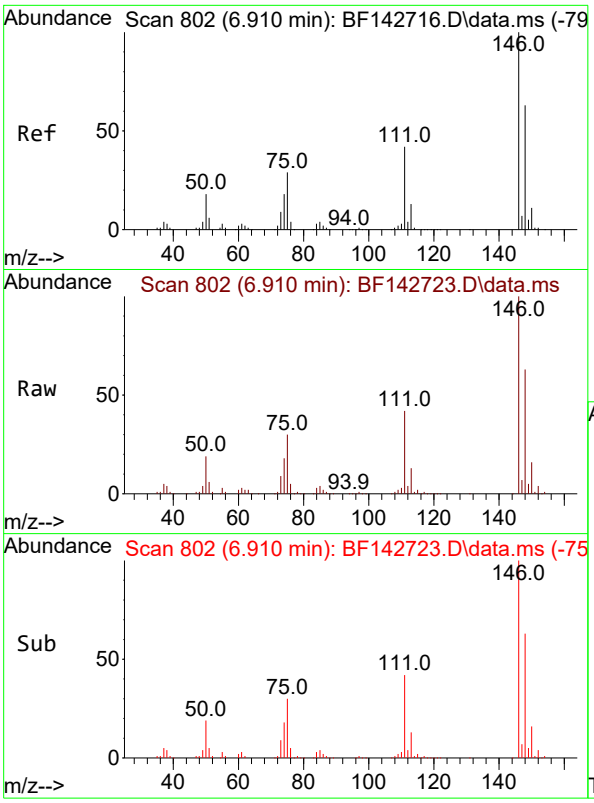


#12
1,3-Dichlorobenzene
Concen: 39.044 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:146 Resp: 223632

Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.9	74.9
75	28.9	22.6	34.0



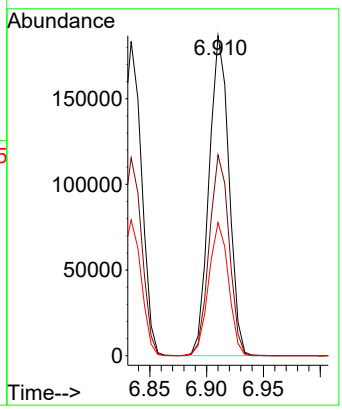


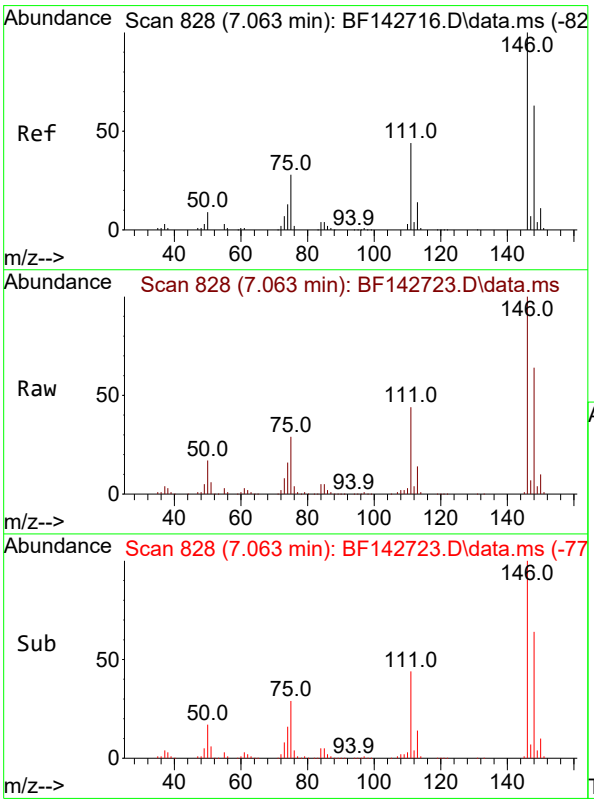
#13
1,4-Dichlorobenzene
Concen: 39.202 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 226923

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.5	75.7
111	41.6	33.6	50.4

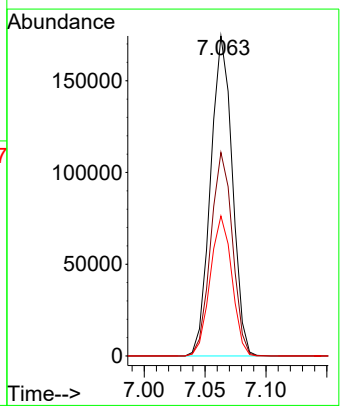


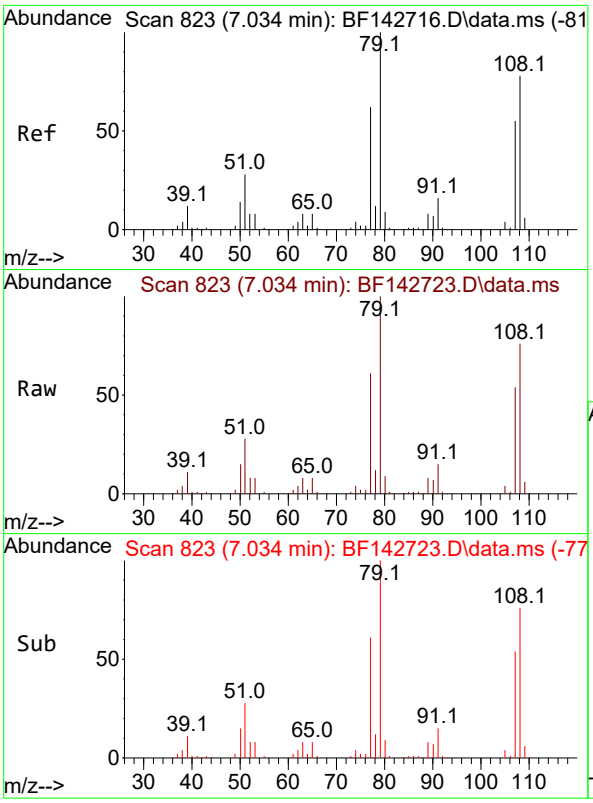


#14
1,2-Dichlorobenzene
Concen: 39.017 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:146 Resp: 216495

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.8	35.2	52.8



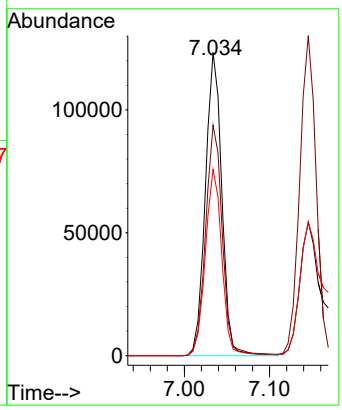


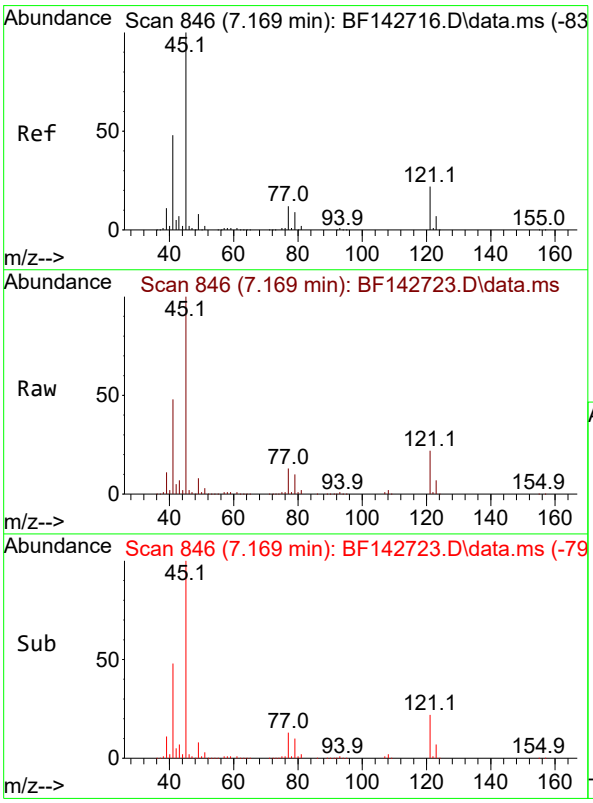
#15
Benzyl Alcohol
Concen: 40.433 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 165174

Ion	Ratio	Lower	Upper
79	100		
108	76.0	62.6	94.0
77	61.4	49.8	74.8

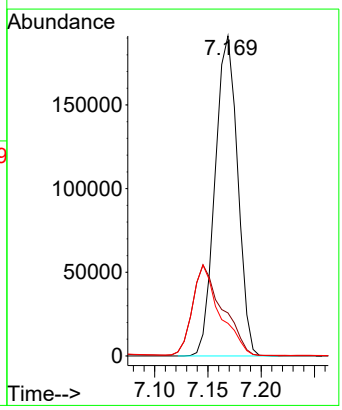


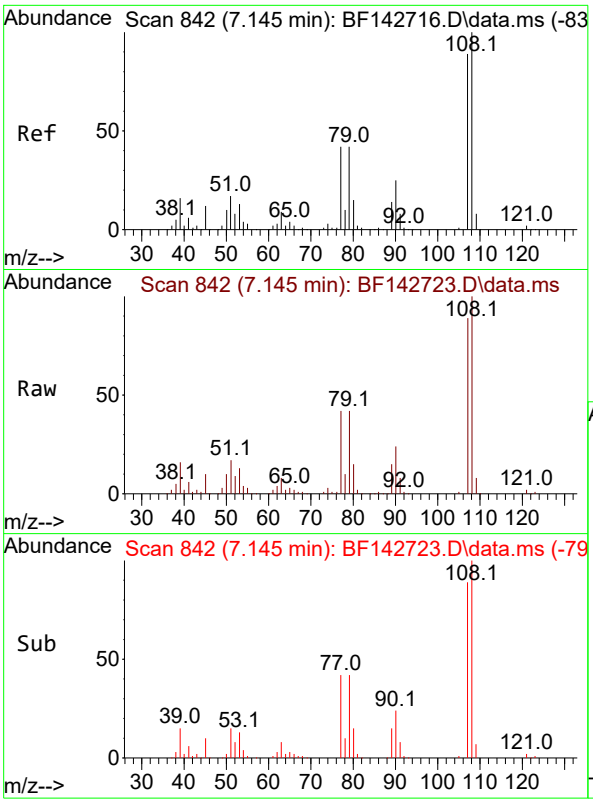


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 45 Resp: 281441

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.1
79	10.2	0.0	30.5



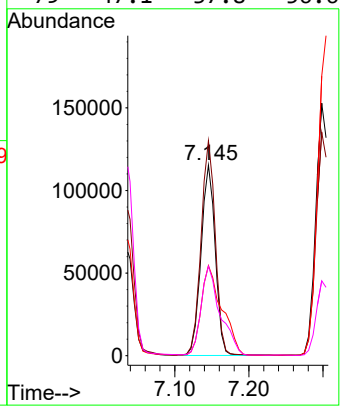


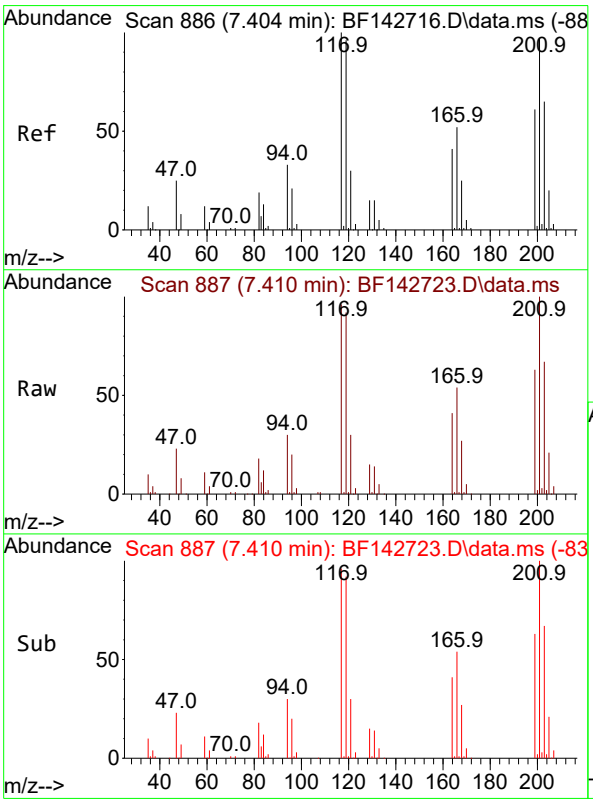
#17
2-Methylphenol
Concen: 40.048 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 154089

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.0	135.0
77	47.3	38.2	57.2
79	47.1	37.8	56.6

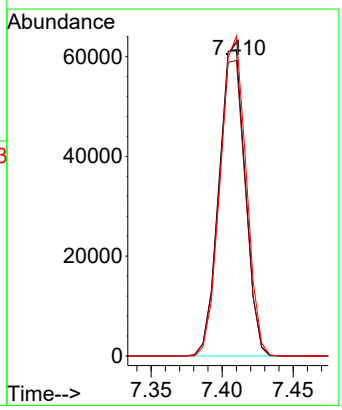


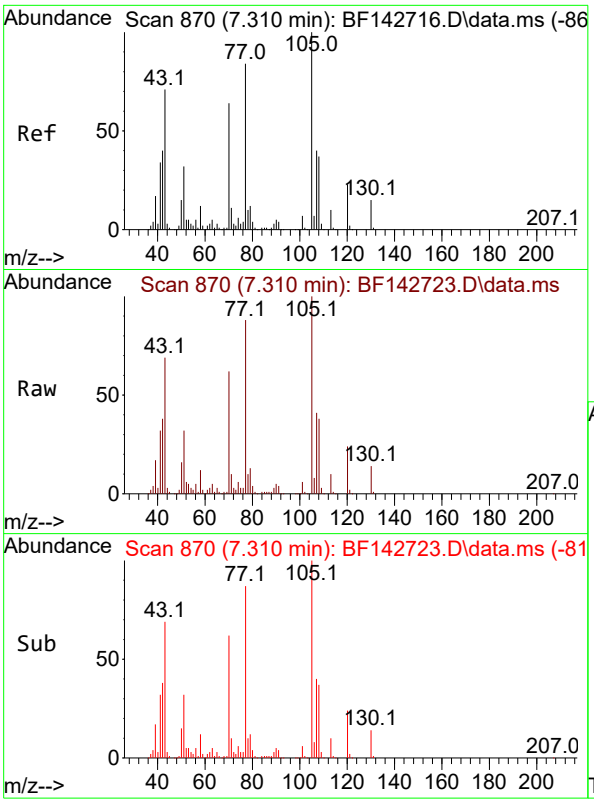


#18
Hexachloroethane
Concen: 38.325 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:117 Resp: 79503

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.4	114.6
201	104.5	77.8	116.6



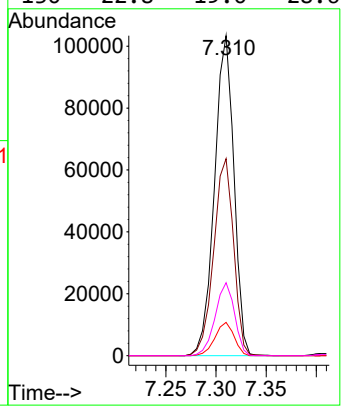


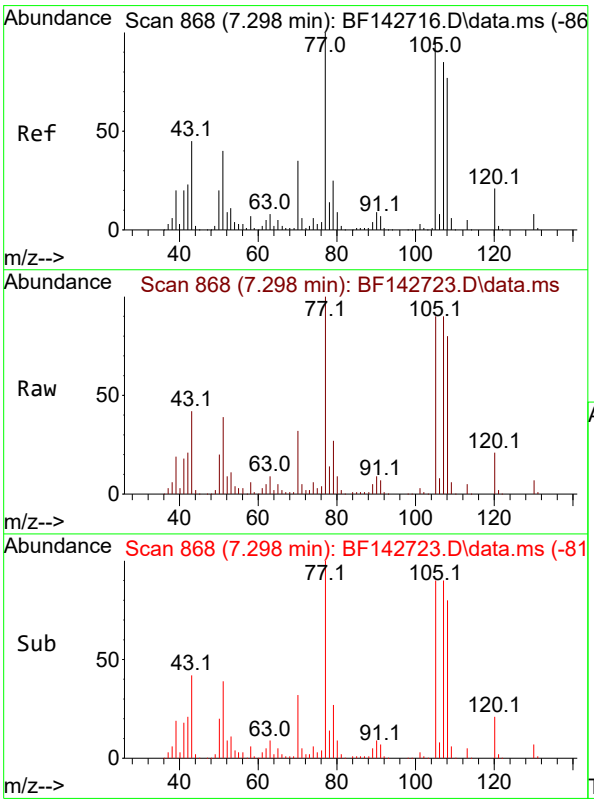
#19
n-Nitroso-di-n-propylamine
Concen: 40.427 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 139102

Ion	Ratio	Lower	Upper
70	100		
42	61.6	50.2	75.4
101	10.4	8.3	12.5
130	22.8	19.0	28.6

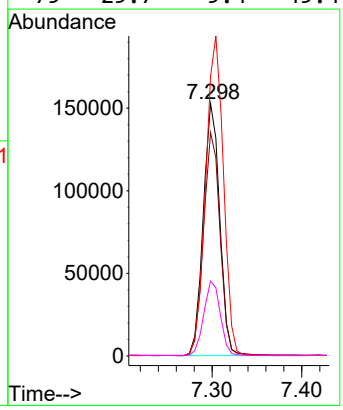


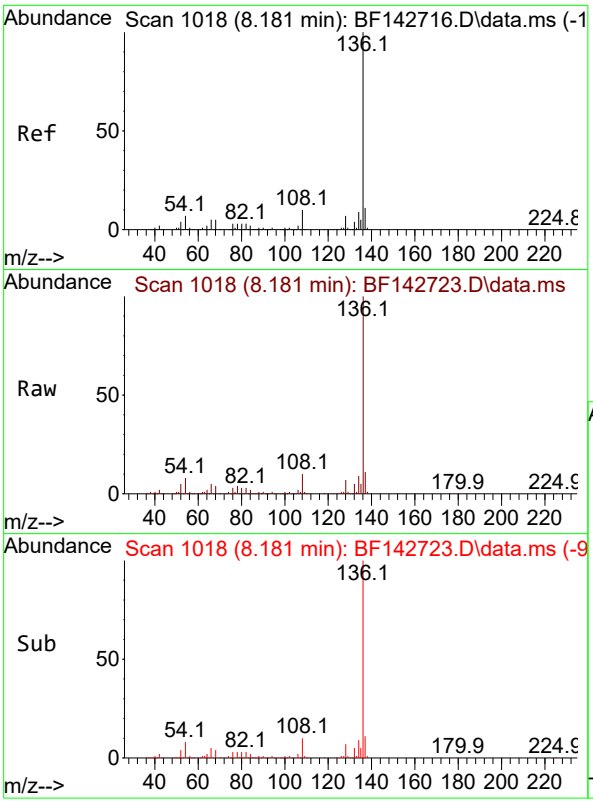


#20
3+4-Methylphenols
Concen: 40.057 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:107 Resp: 194307

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	110.7	97.4	137.4
79	29.7	9.4	49.4



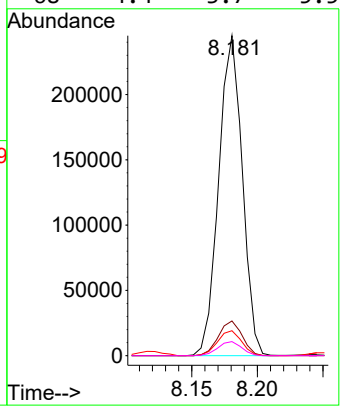


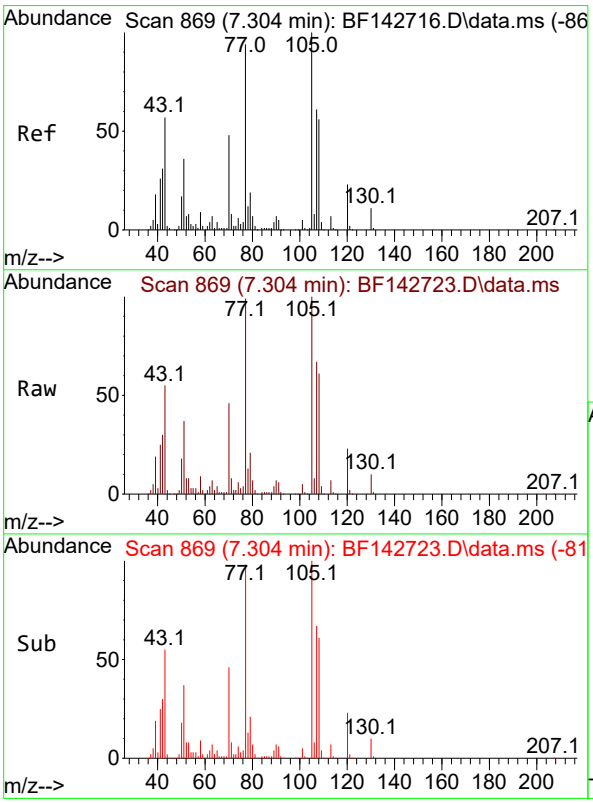
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 306828

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	5.9	8.9
68	4.4	3.7	5.5

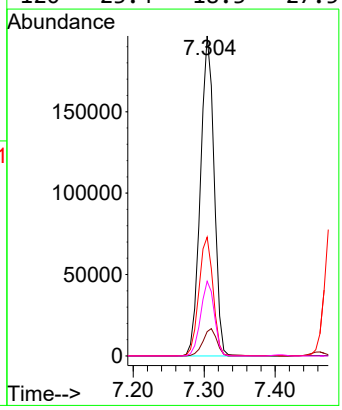


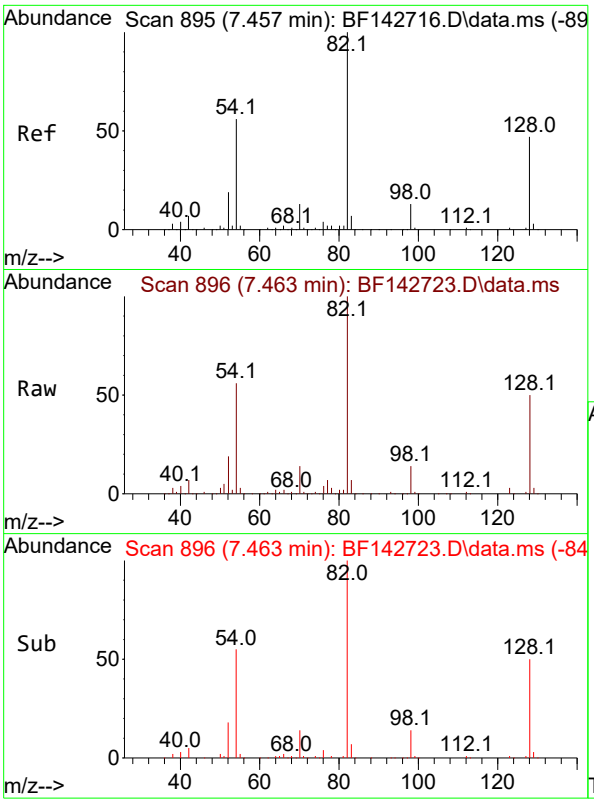


#22
Acetophenone
Concen: 38.775 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:105 Resp: 264649

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.4	9.6
51	37.2	29.1	43.7
120	23.4	18.3	27.5



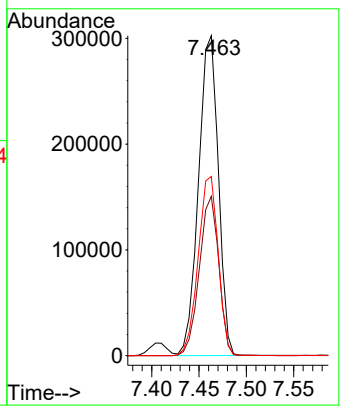


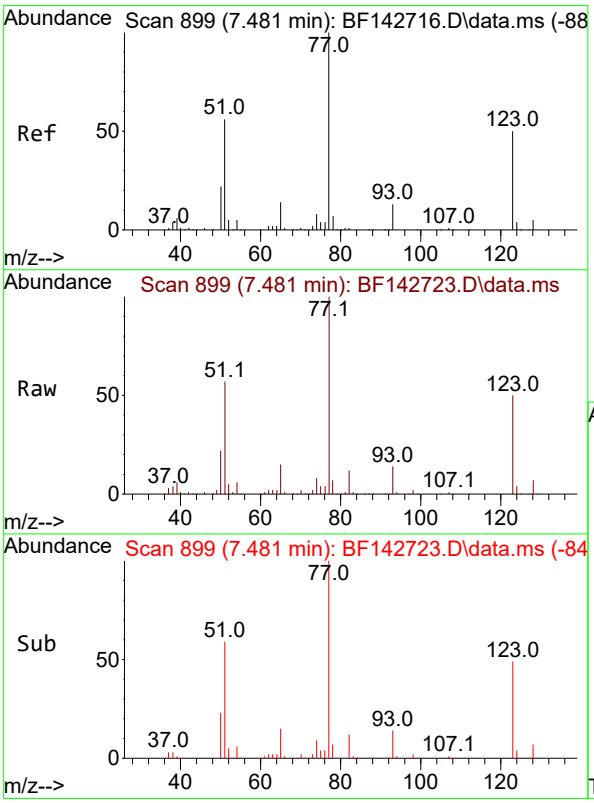
#23
Nitrobenzene-d5
Concen: 78.292 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 438940

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.8	56.8
54	56.0	44.9	67.3

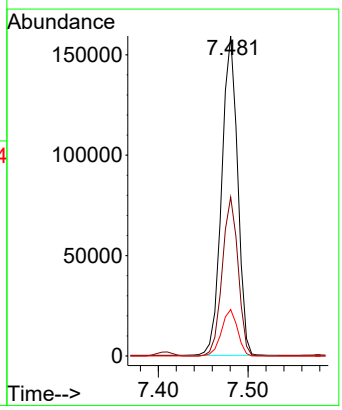


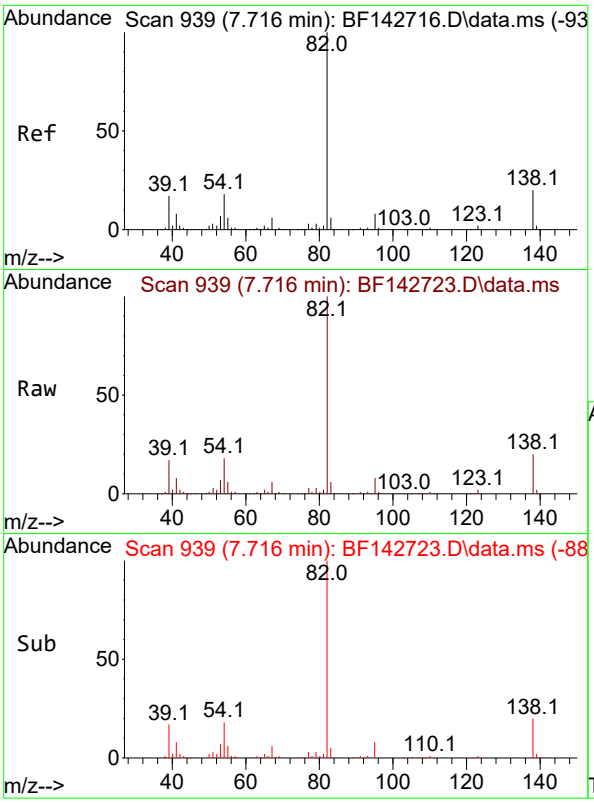


#24
Nitrobenzene
Concen: 39.438 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 77 Resp: 196237

Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.8	61.2
65	14.5	11.5	17.3



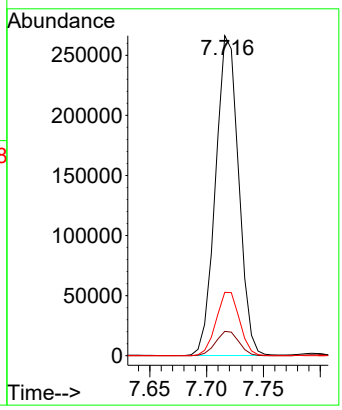


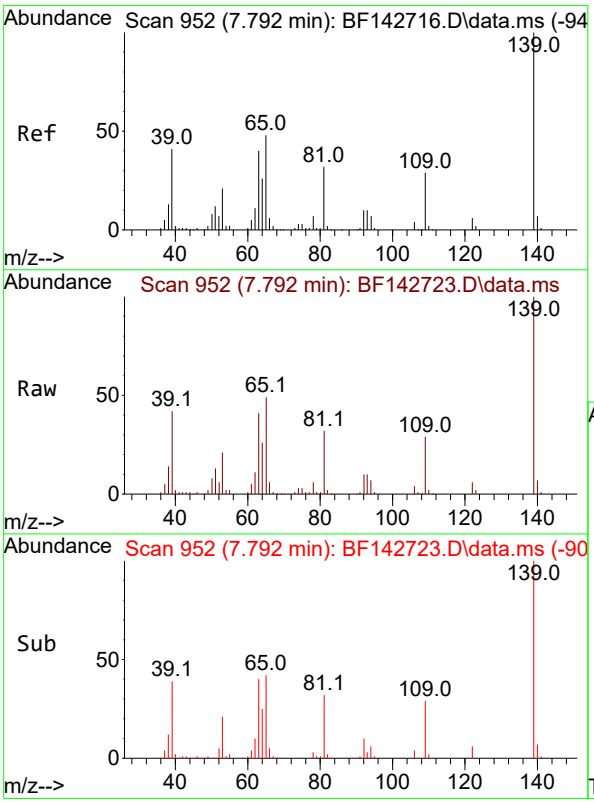
#25
Isophorone
Concen: 39.677 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 376632

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	19.8	15.8	23.6

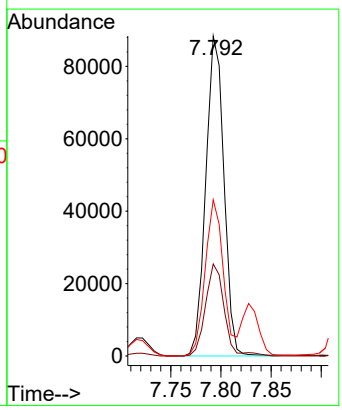


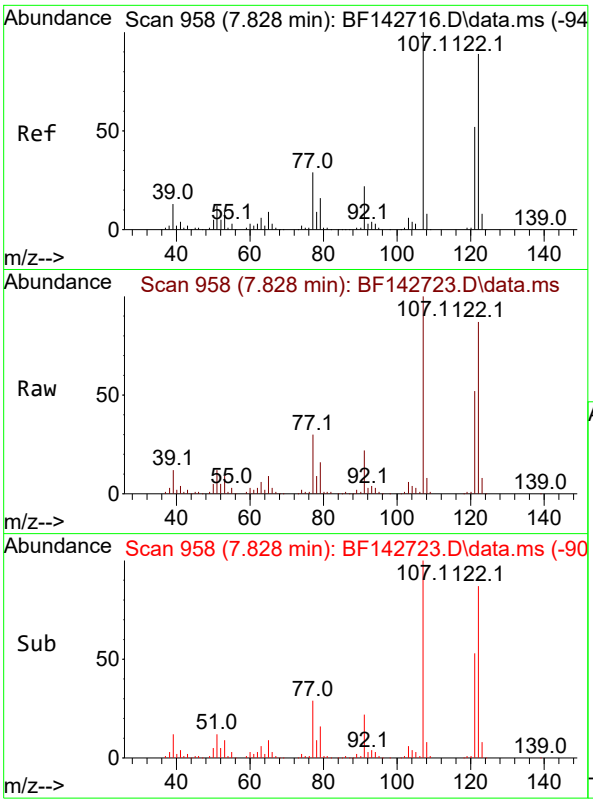


#26
2-Nitrophenol
Concen: 40.193 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:139 Resp: 111614

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	48.8	38.7	58.1



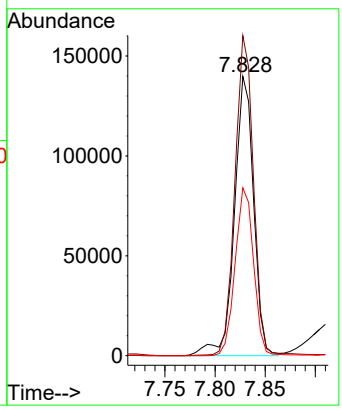


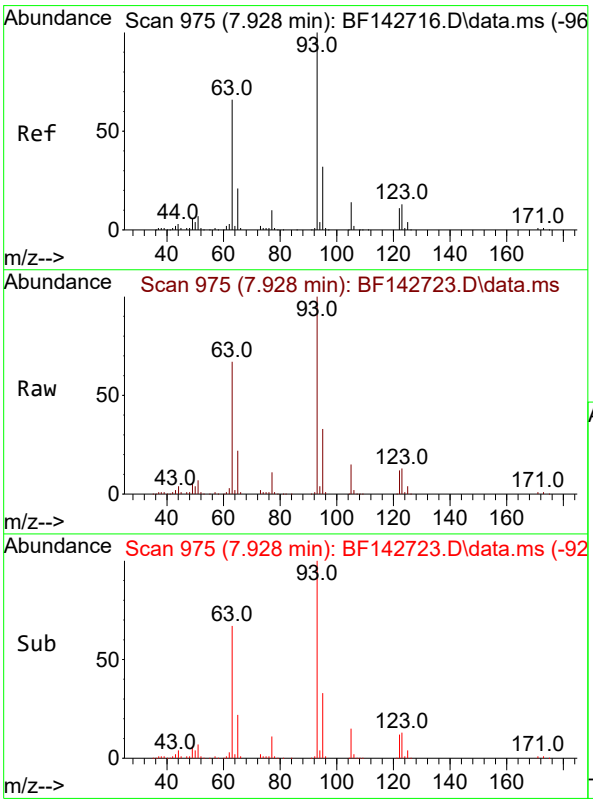
#27
2,4-Dimethylphenol
Concen: 39.530 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 186898

Ion	Ratio	Lower	Upper
122	100		
107	114.6	90.4	135.6
121	60.1	46.9	70.3

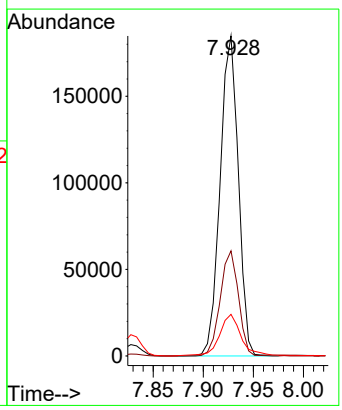


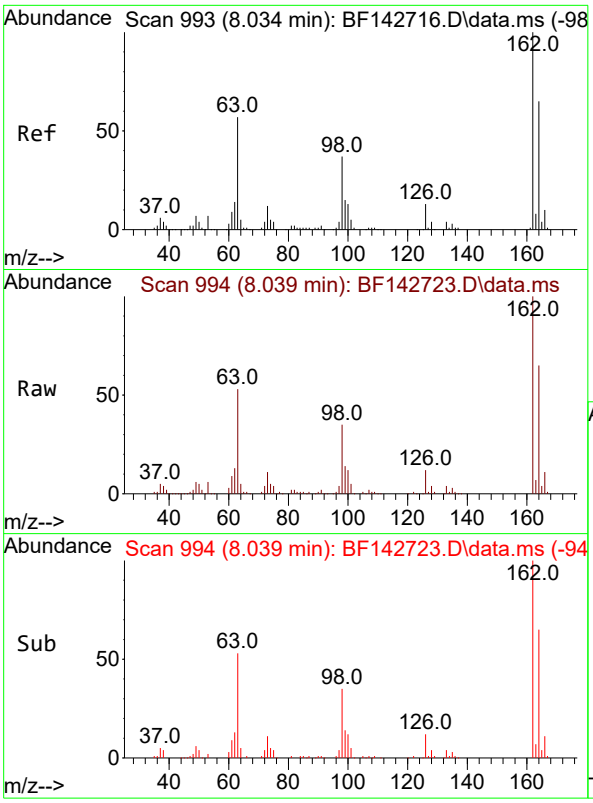


#28
bis(2-Chloroethoxy)methane
Concen: 39.595 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 93 Resp: 233354

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	13.0	10.3	15.5



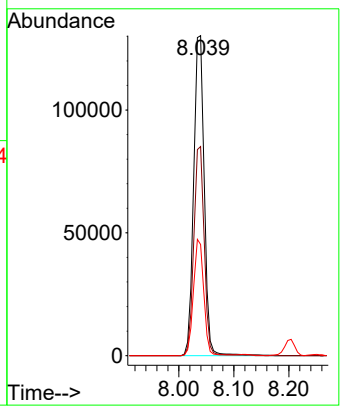


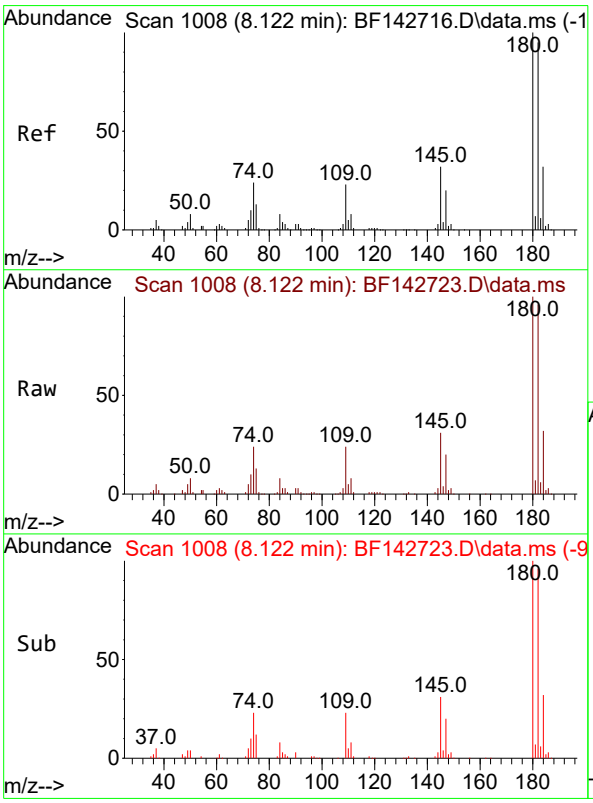
#29
2,4-Dichlorophenol
Concen: 39.892 ng
RT: 8.039 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 174063

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.1	85.1
98	34.8	16.7	56.7

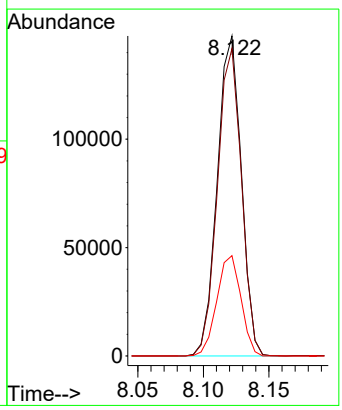


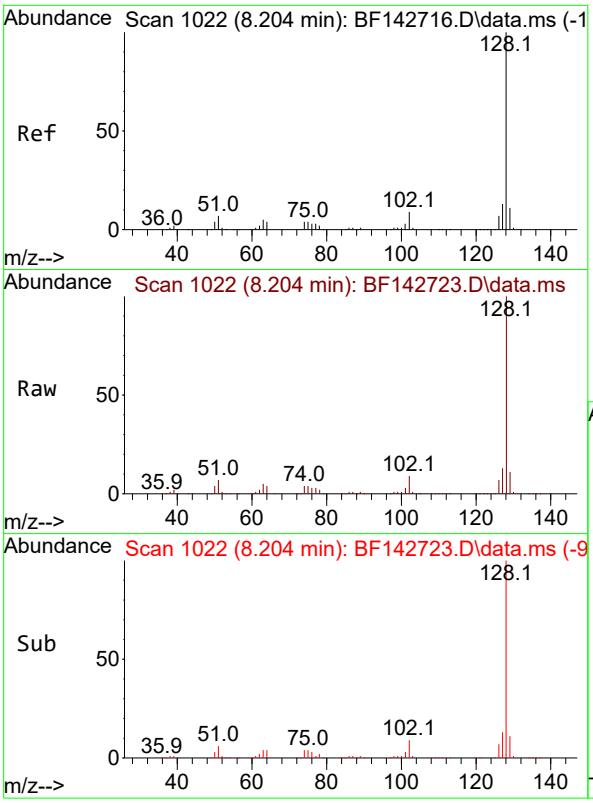


#30
1,2,4-Trichlorobenzene
Concen: 39.027 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:180 Resp: 188170

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	31.3	25.7	38.5



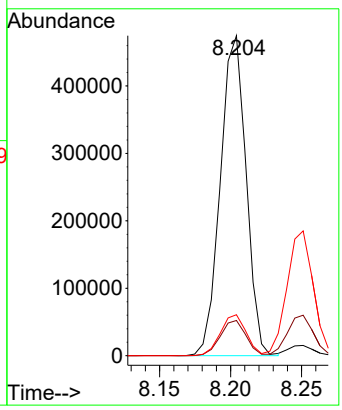


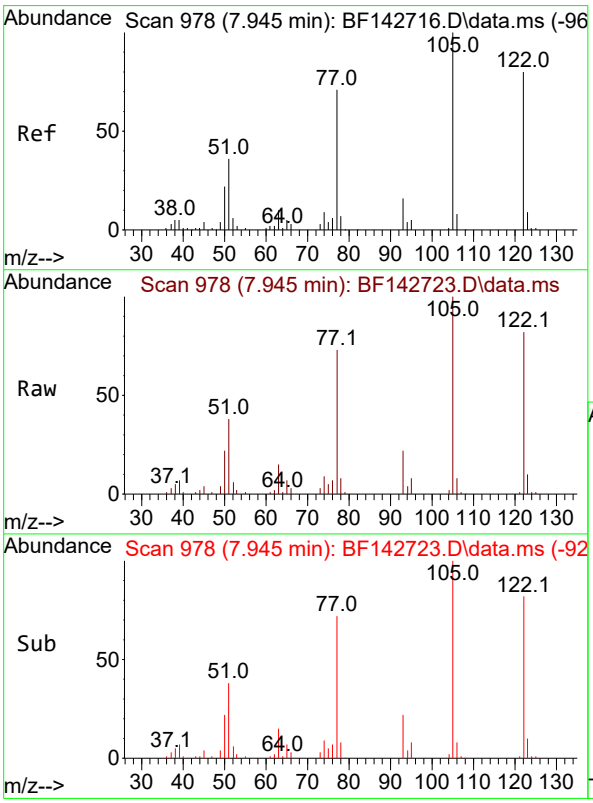
#31
Naphthalene
Concen: 39.461 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 598797

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.4	15.6

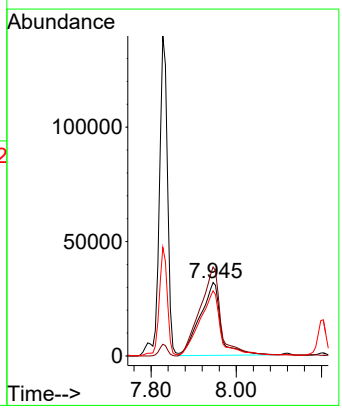


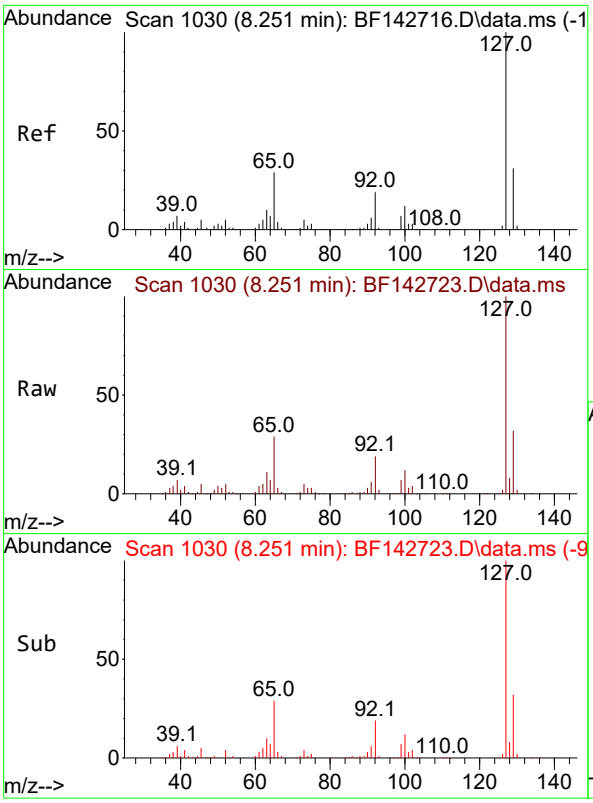


#32
Benzoic acid
Concen: 40.520 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:122 Resp: 107892

Ion	Ratio	Lower	Upper
122	100		
105	121.2	102.6	142.6
77	88.7	68.2	108.2



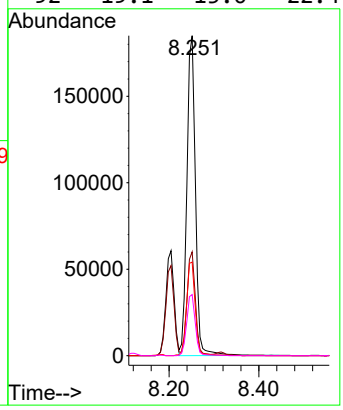


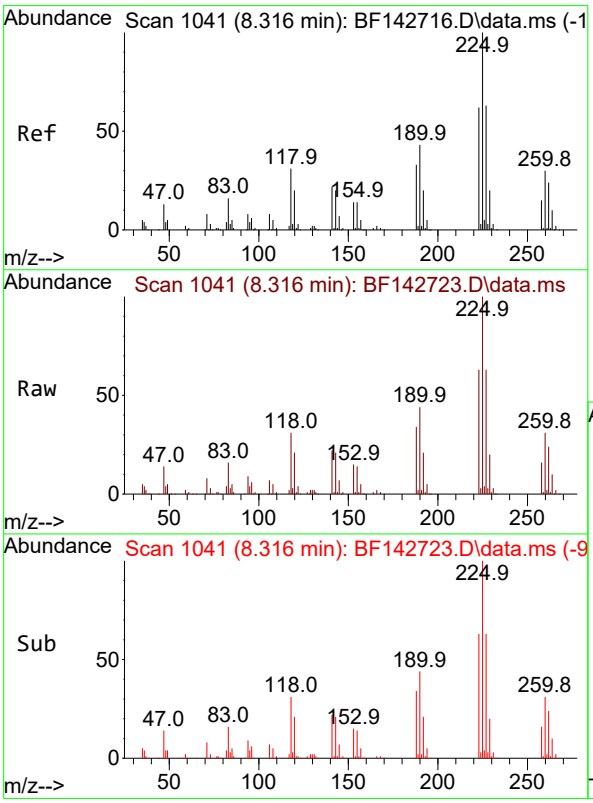
#33
4-Chloroaniline
Concen: 40.198 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 244917

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	29.3	23.0	34.4
92	19.1	15.0	22.4

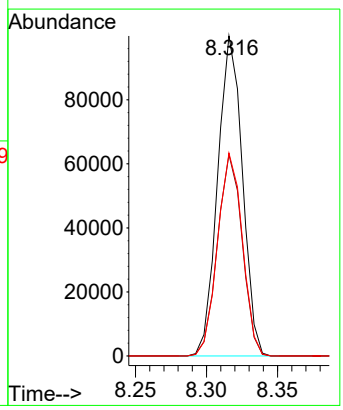


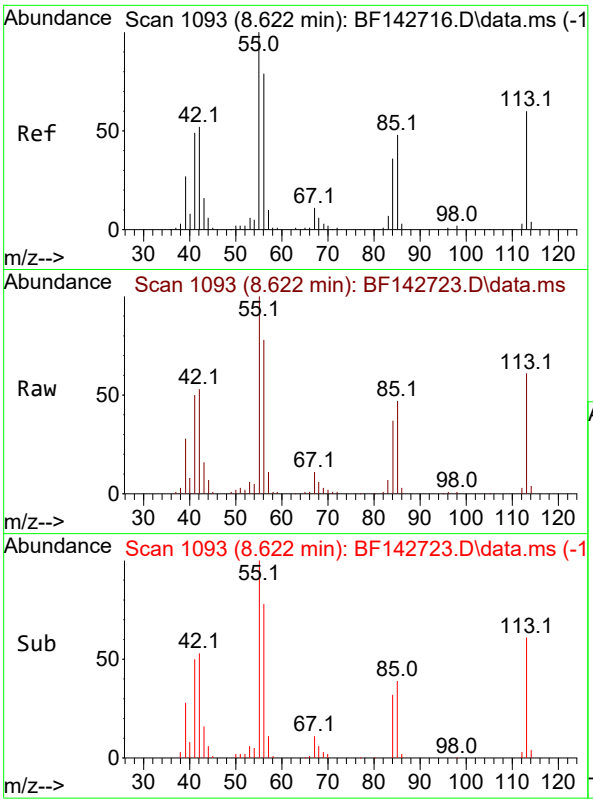


#34
Hexachlorobutadiene
Concen: 39.386 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:225 Resp: 121013

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.3	73.9
227	63.4	50.6	75.8



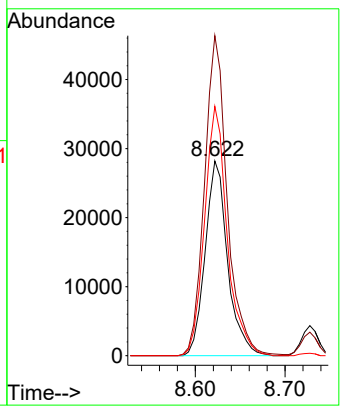


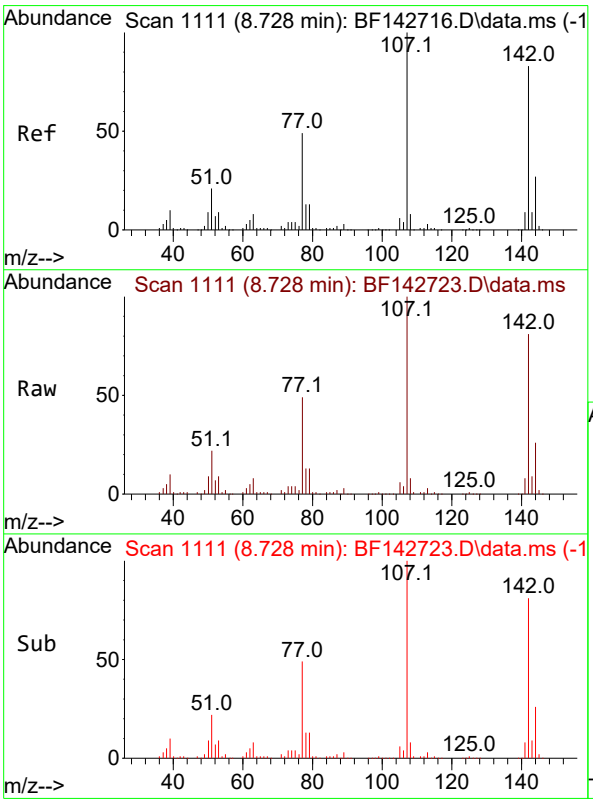
#35
Caprolactam
Concen: 41.553 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 48942

Ion	Ratio	Lower	Upper
113	100		
55	164.4	147.9	187.9
56	128.1	111.9	151.9

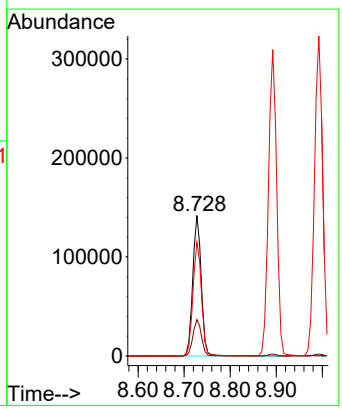


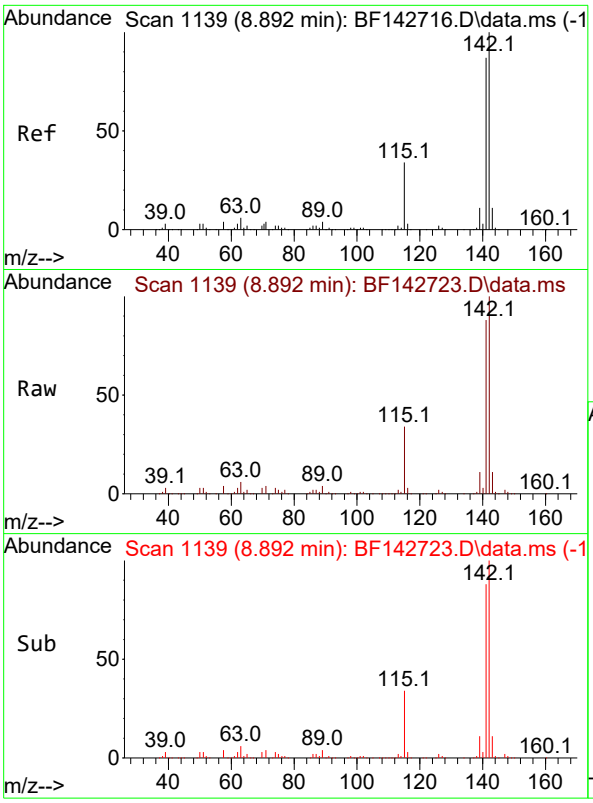


#36
4-Chloro-3-methylphenol
Concen: 39.954 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:107 Resp: 181270

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.3	31.9
142	81.0	66.2	99.2



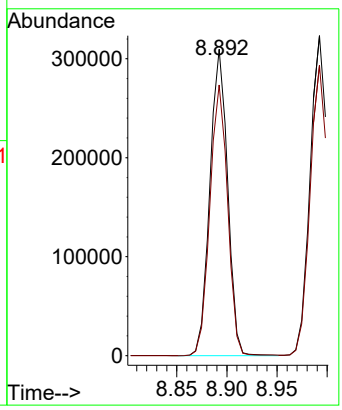


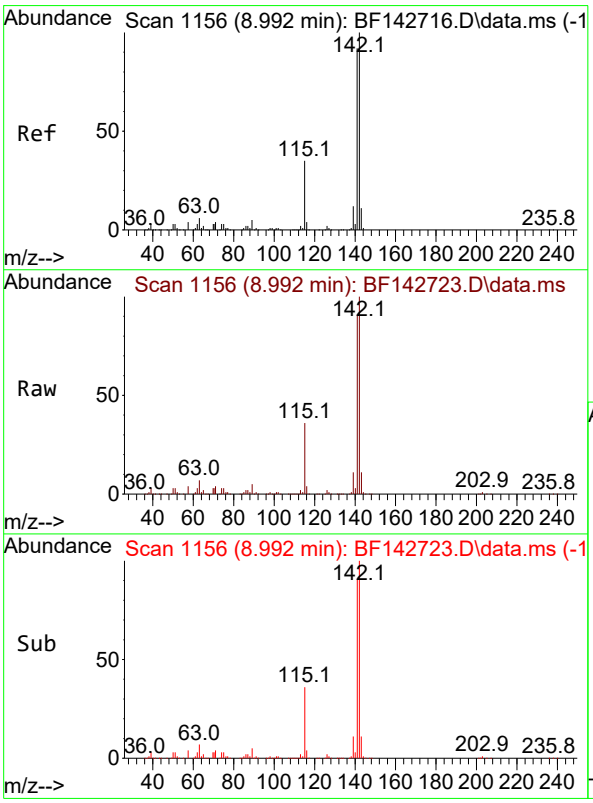
#37
2-Methylnaphthalene
Concen: 39.561 ng
RT: 8.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 379974

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.9	104.9

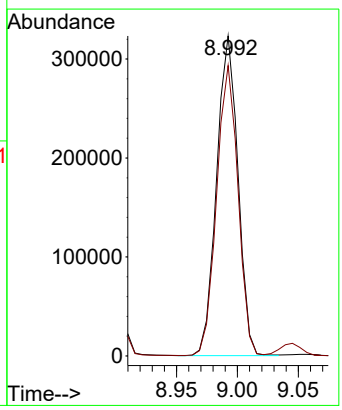


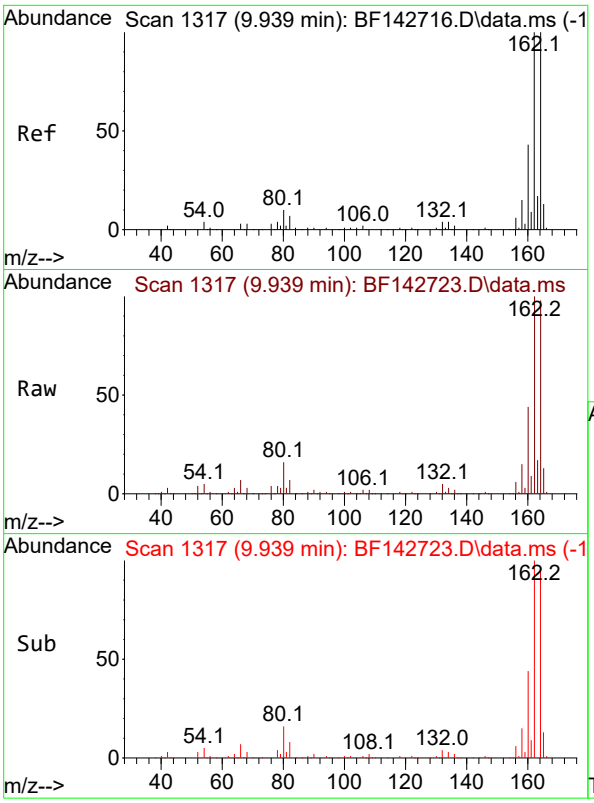


#38
1-Methylnaphthalene
Concen: 39.691 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:142 Resp: 394920

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.5	110.3



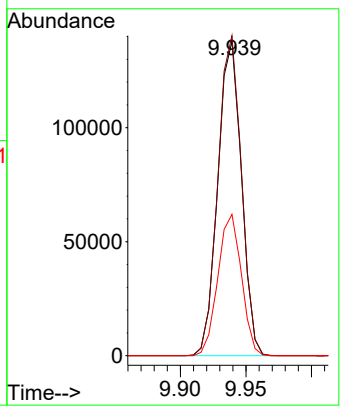


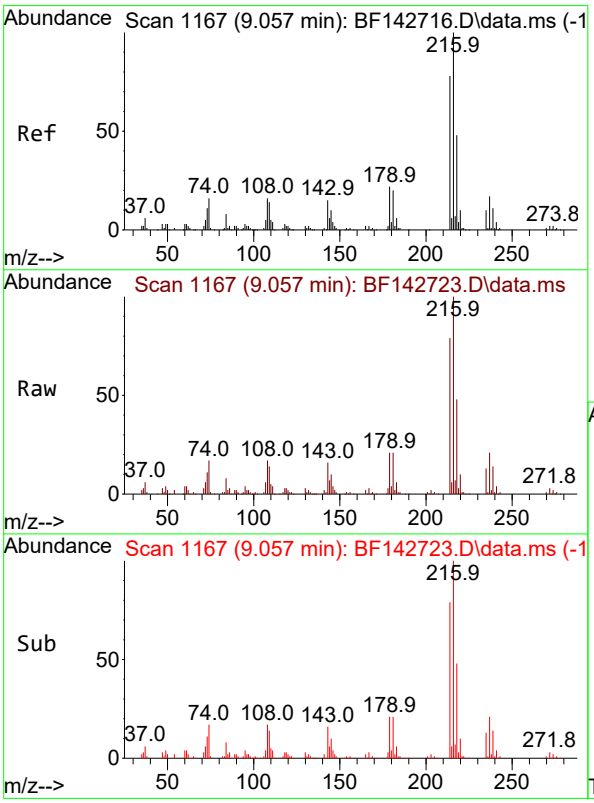
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 172169

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.9	119.9
160	45.0	34.8	52.2

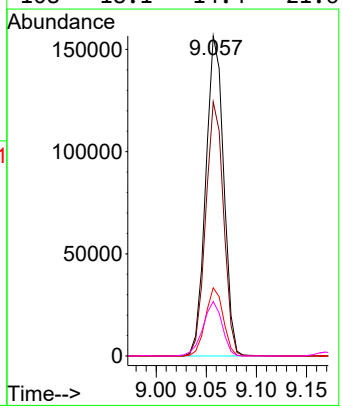


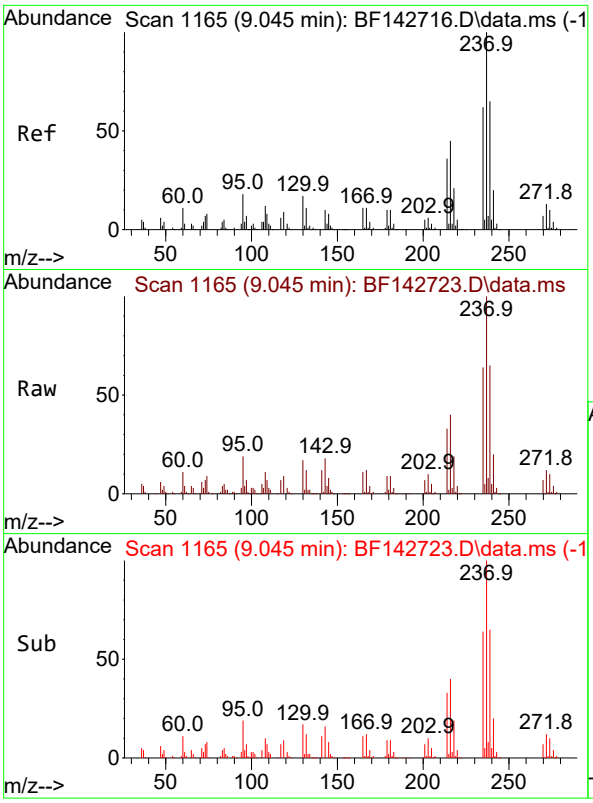


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.191 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:216 Resp: 195292

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	94.0
179	21.1	17.1	25.7
108	18.1	14.4	21.6



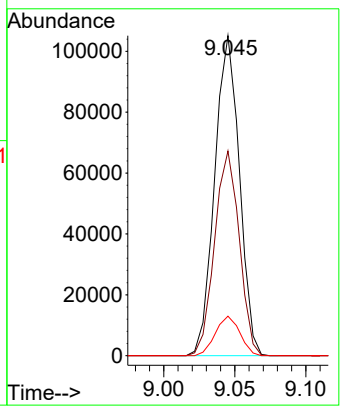


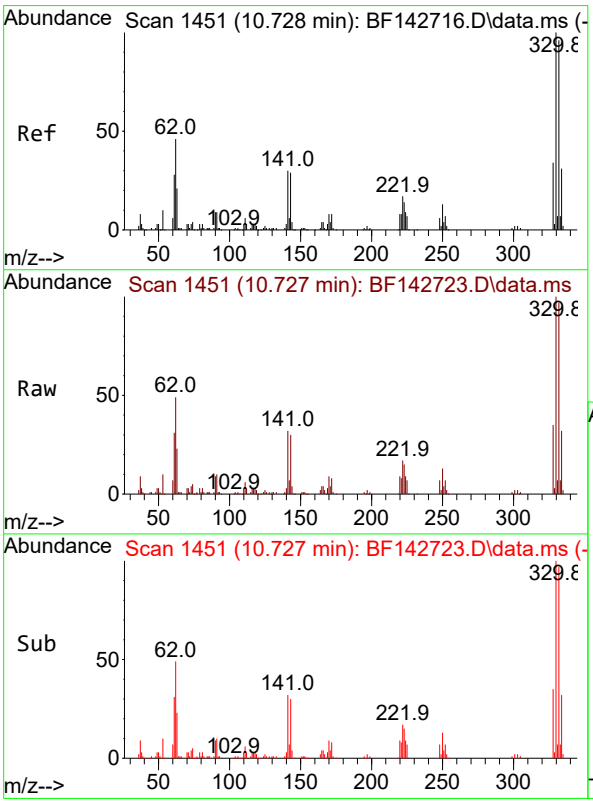
#41
Hexachlorocyclopentadiene
Concen: 39.734 ng
RT: 9.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 127080

Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.9	81.9
272	12.4	0.0	32.5

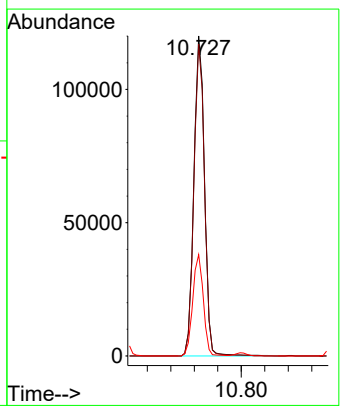


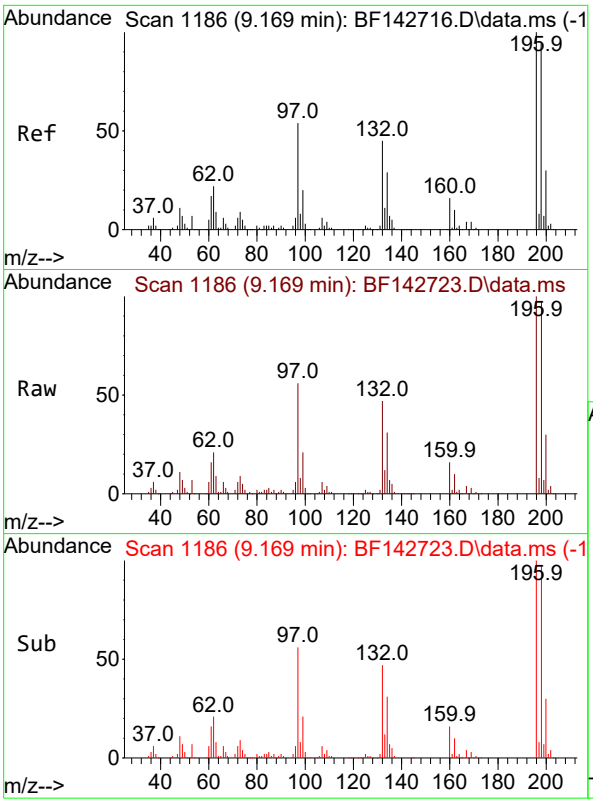


#42
2,4,6-Tribromophenol
Concen: 79.661 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:330 Resp: 150317

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.6	25.4	38.0



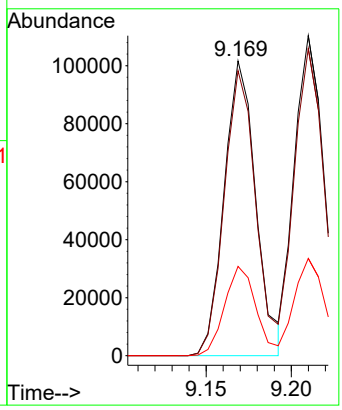


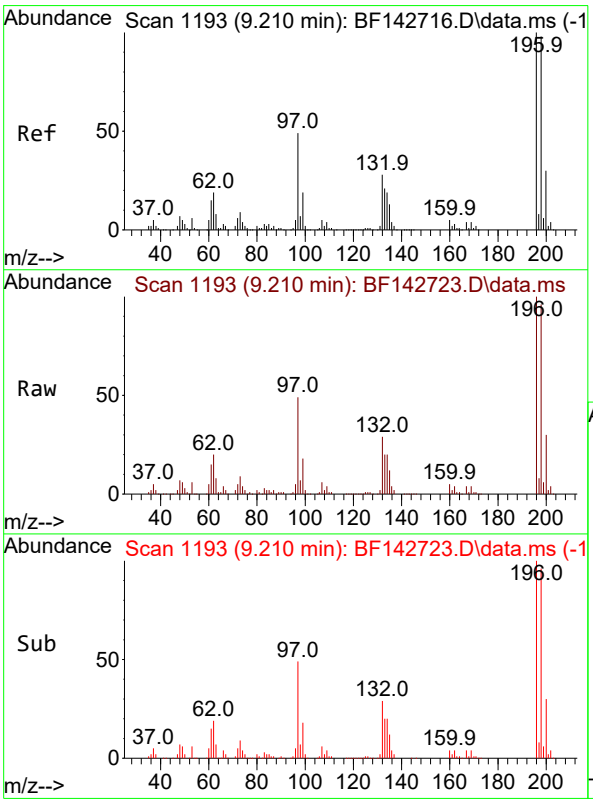
#43
2,4,6-Trichlorophenol
Concen: 40.688 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 131246

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.5	113.3
200	30.3	23.8	35.8

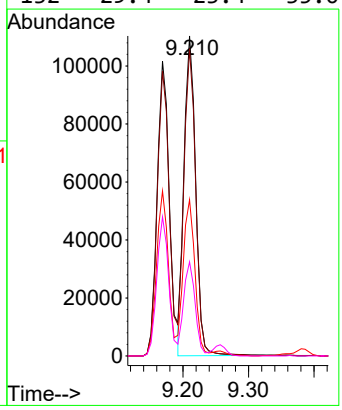


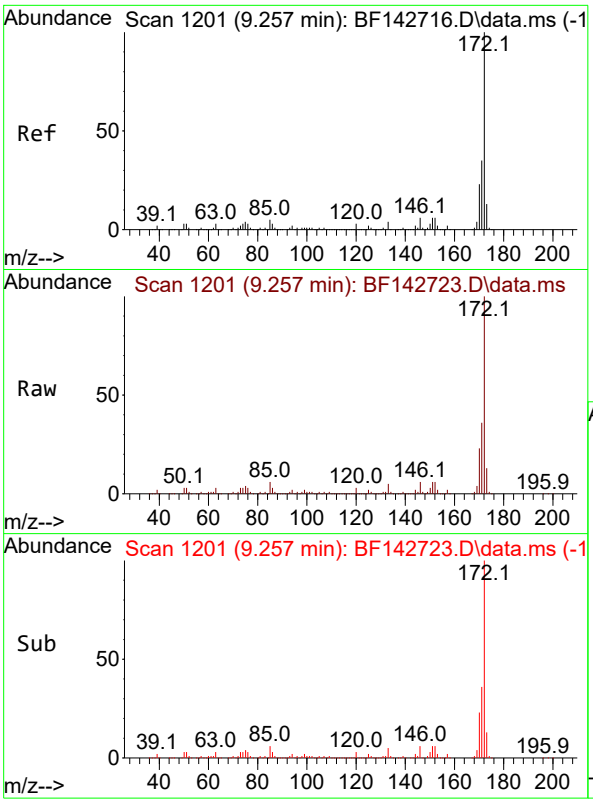


#44
2,4,5-Trichlorophenol
Concen: 39.033 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:196 Resp: 135988

Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
97	48.8	38.6	57.8
132	29.4	23.4	35.0



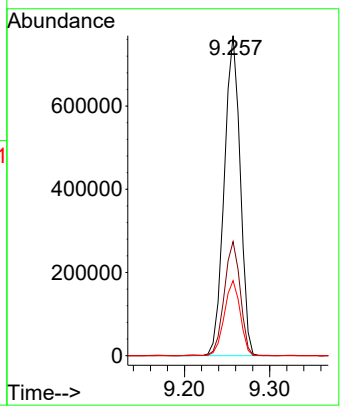


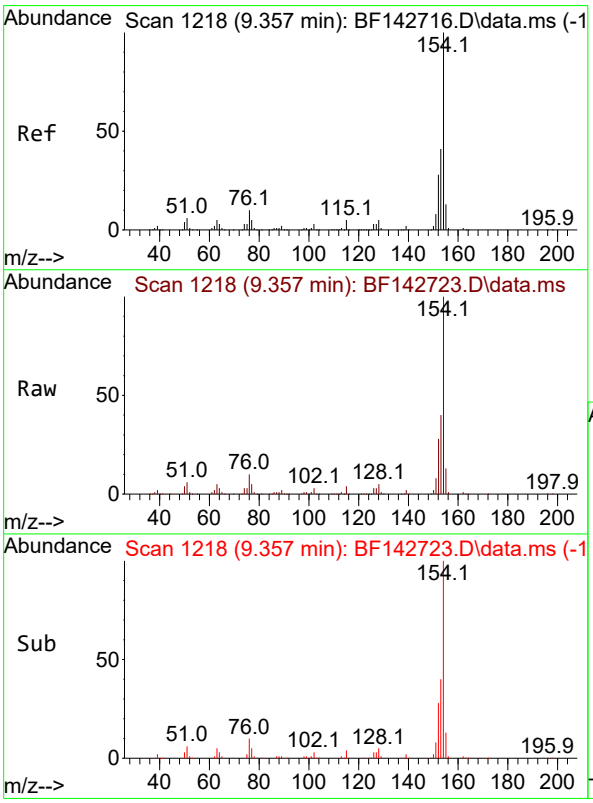
#45
2-Fluorobiphenyl
Concen: 77.182 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1000211

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.4	18.6	27.8

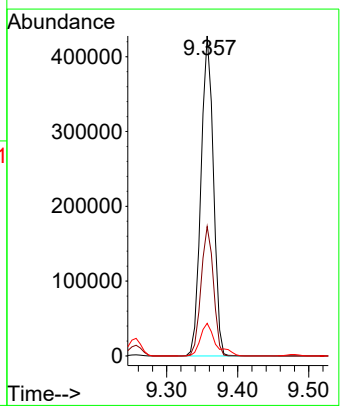


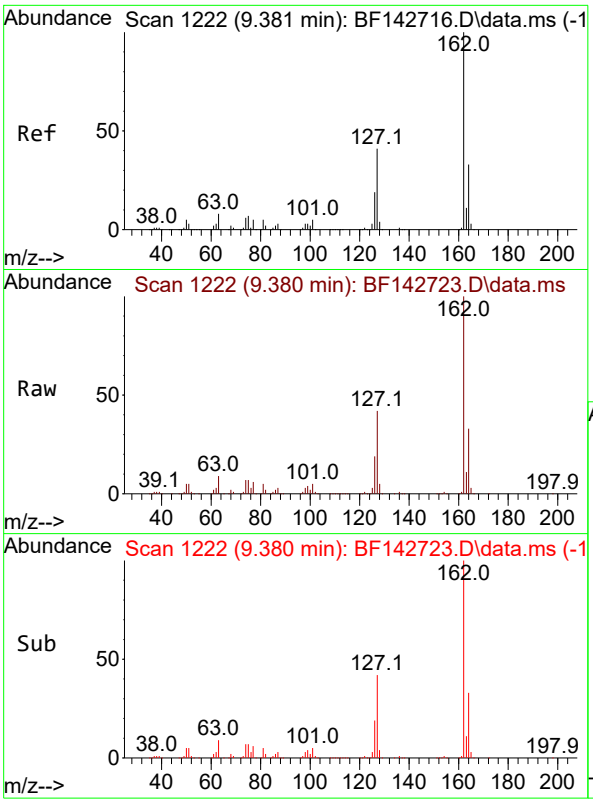


#46
1,1'-Biphenyl
Concen: 39.049 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:154 Resp: 522058

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.2	0.0	30.2



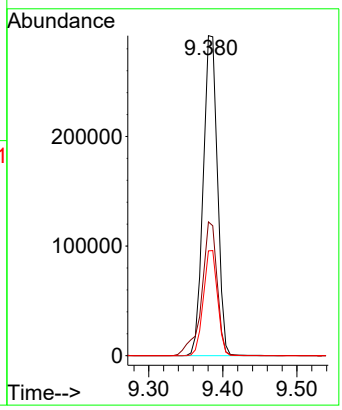


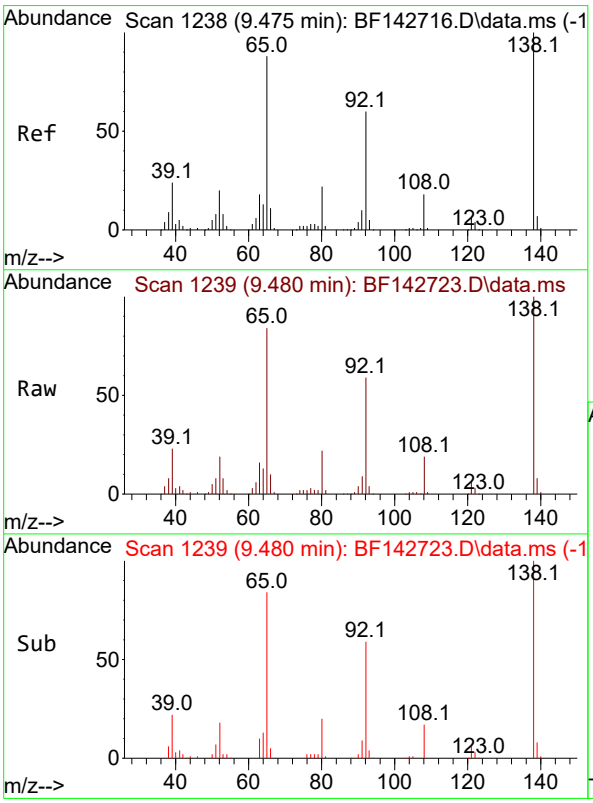
#47
2-Chloronaphthalene
Concen: 39.632 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 390352

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.5	50.3
164	32.7	26.1	39.1

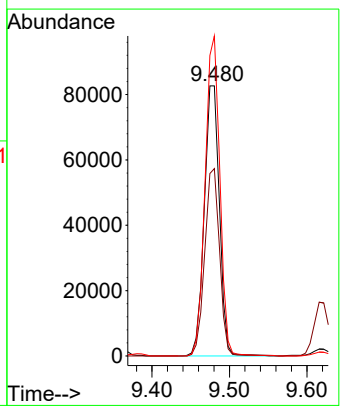


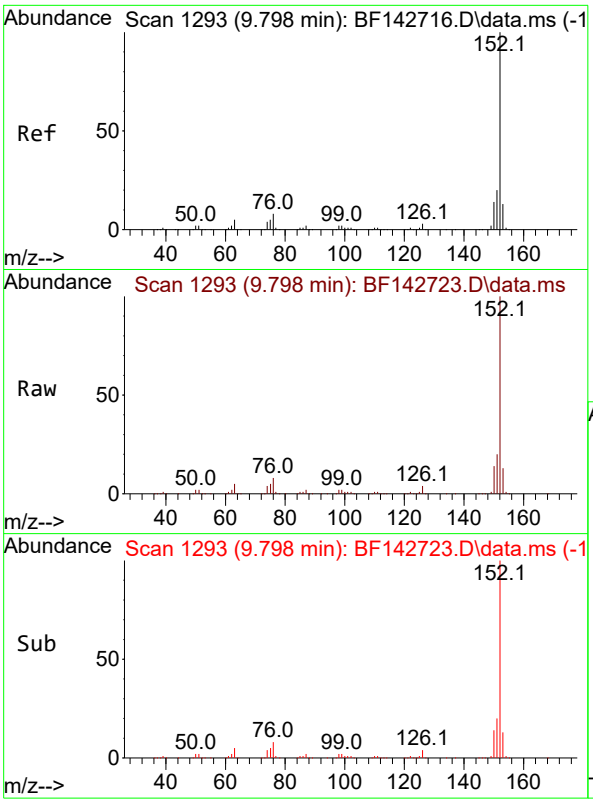


#48
2-Nitroaniline
Concen: 40.029 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion: 65 Resp: 112135

Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.5	81.7
138	118.5	90.6	136.0



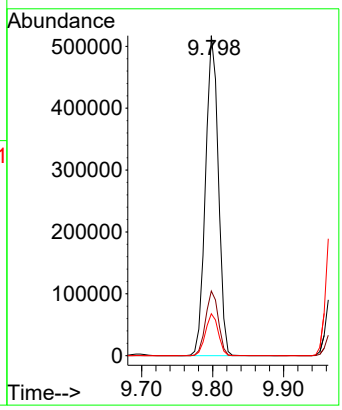


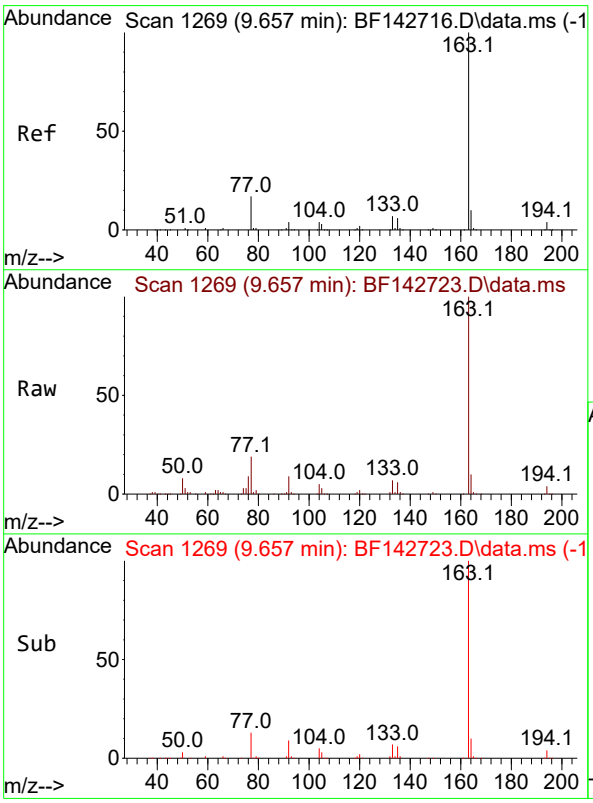
#49
Acenaphthylene
Concen: 39.206 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 651104

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.1	10.5	15.7

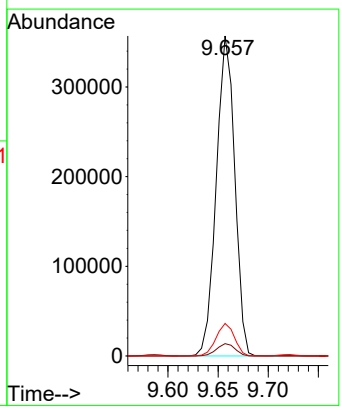


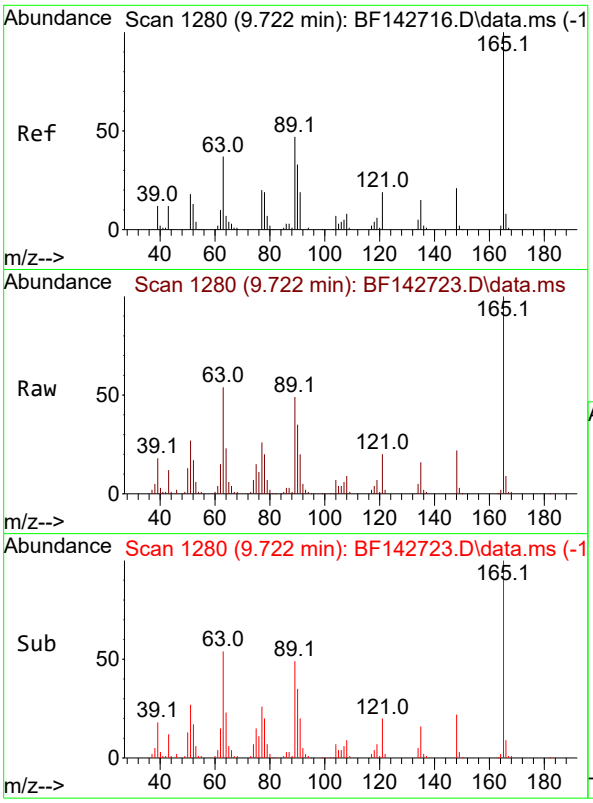


#50
Dimethylphthalate
Concen: 39.669 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:163 Resp: 456082

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.0	12.0



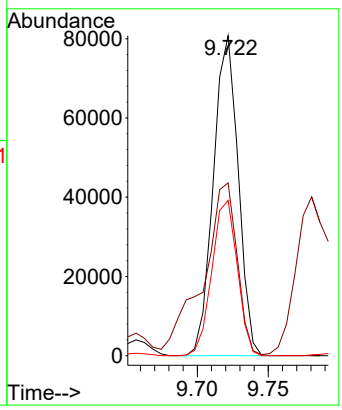


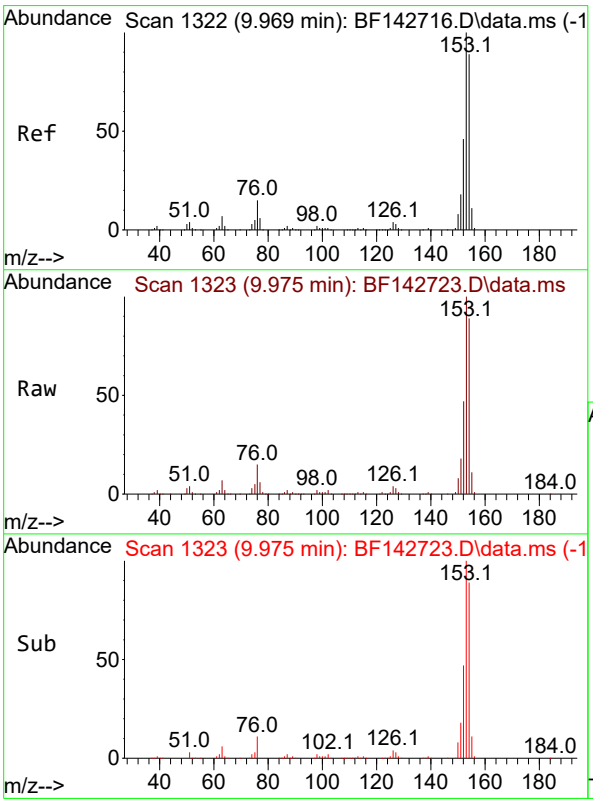
#51
2,6-Dinitrotoluene
Concen: 39.514 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 98186

Ion	Ratio	Lower	Upper
165	100		
63	54.0	40.6	60.8
89	48.5	37.6	56.4

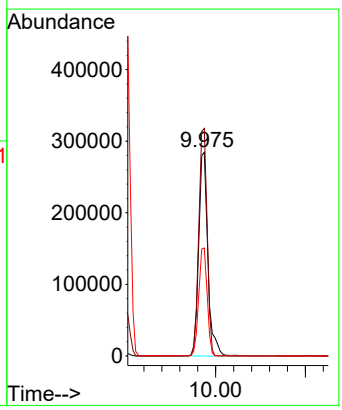


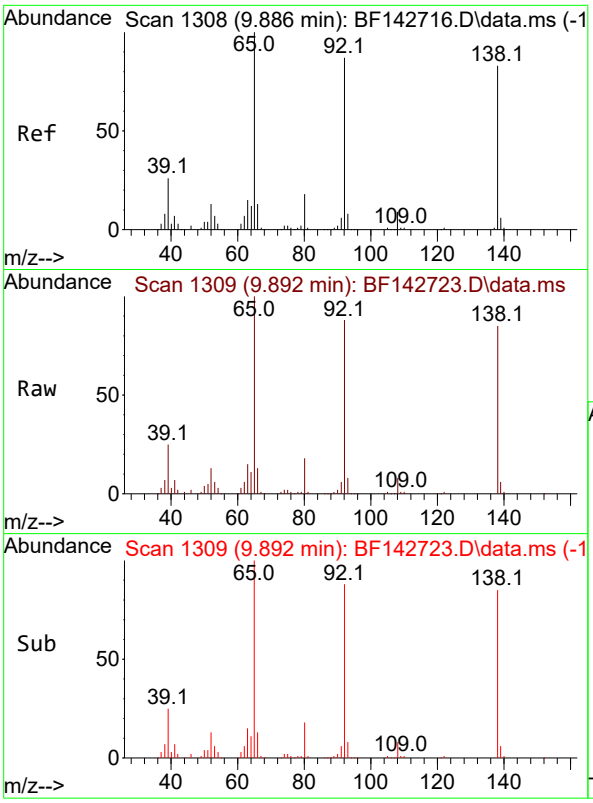


#52
Acenaphthene
Concen: 39.208 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:154 Resp: 403723

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	53.1	41.9	62.9



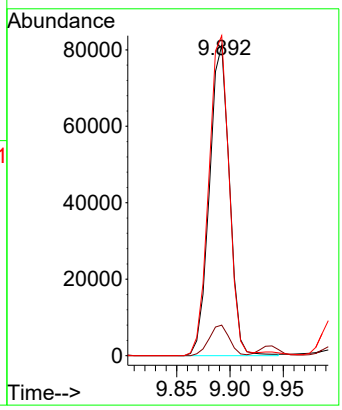


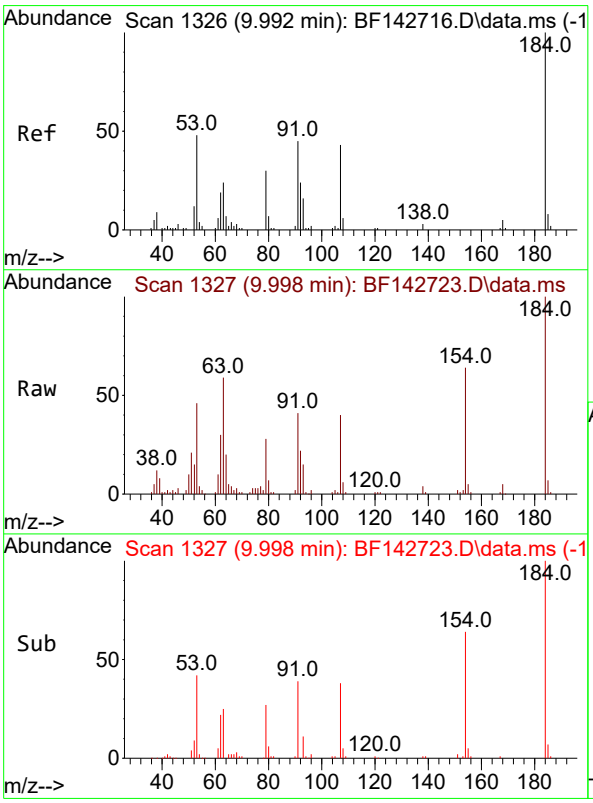
#53
3-Nitroaniline
Concen: 39.423 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 106252

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	103.1	84.6	127.0

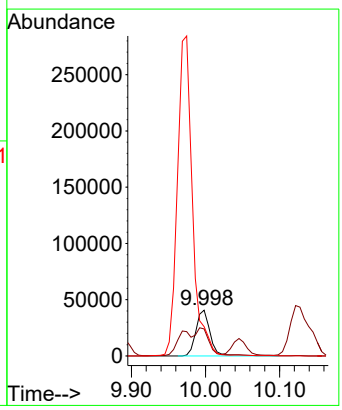


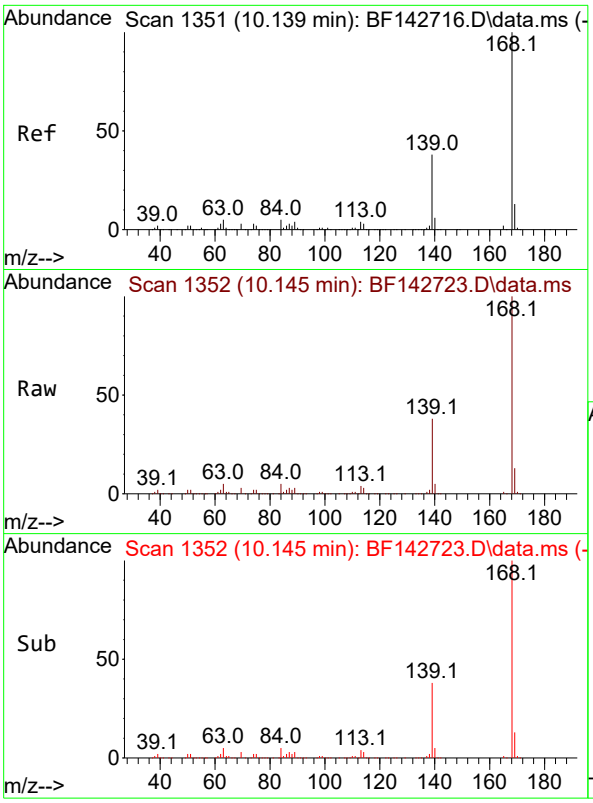


#54
2,4-Dinitrophenol
Concen: 40.188 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:184 Resp: 54702

Ion	Ratio	Lower	Upper
184	100		
63	59.2	51.7	77.5
154	64.0	60.1	90.1



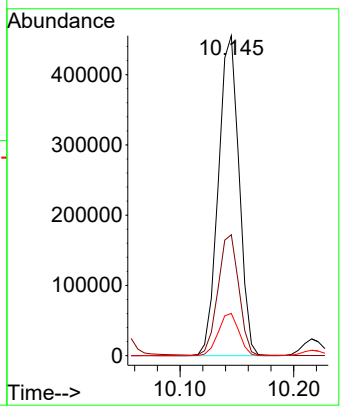


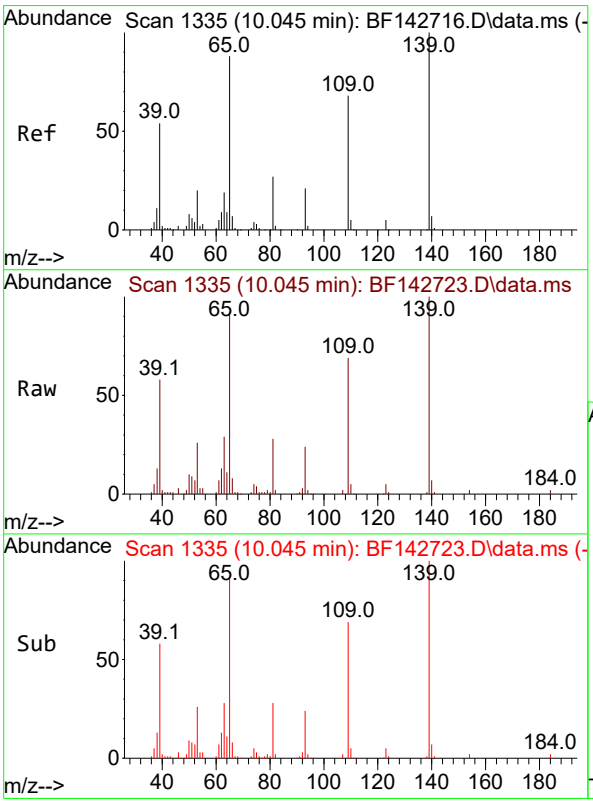
#55
Dibenzofuran
Concen: 39.278 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 575927

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.9	46.3
169	13.2	10.8	16.2

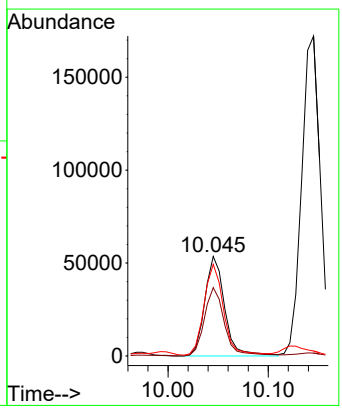


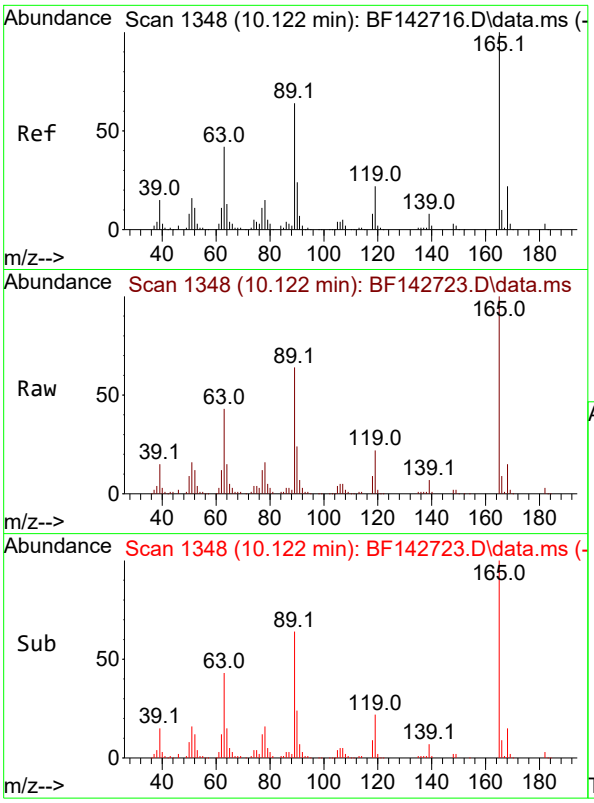


#56
4-Nitrophenol
Concen: 40.432 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:139 Resp: 73907

Ion	Ratio	Lower	Upper
139	100		
109	68.7	47.5	87.5
65	92.1	69.2	109.2



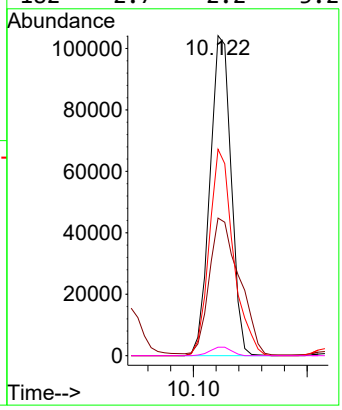


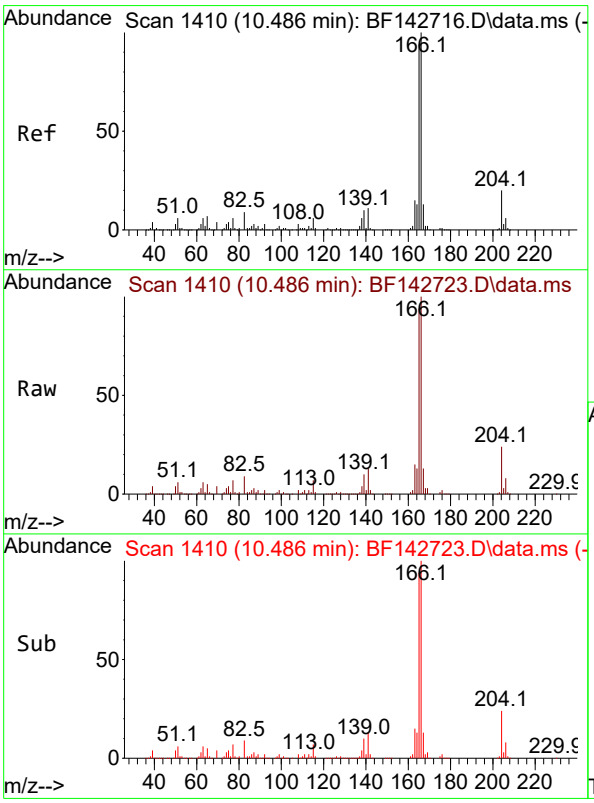
#57
2,4-Dinitrotoluene
Concen: 41.102 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 135035

Ion	Ratio	Lower	Upper
165	100		
63	43.0	34.1	51.1
89	64.5	50.8	76.2
182	2.7	2.2	3.2

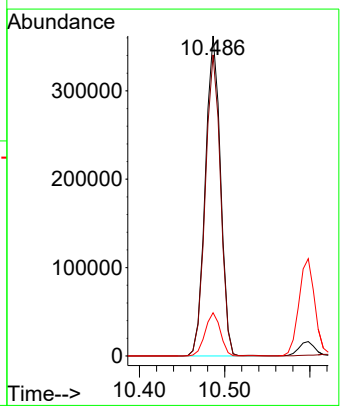


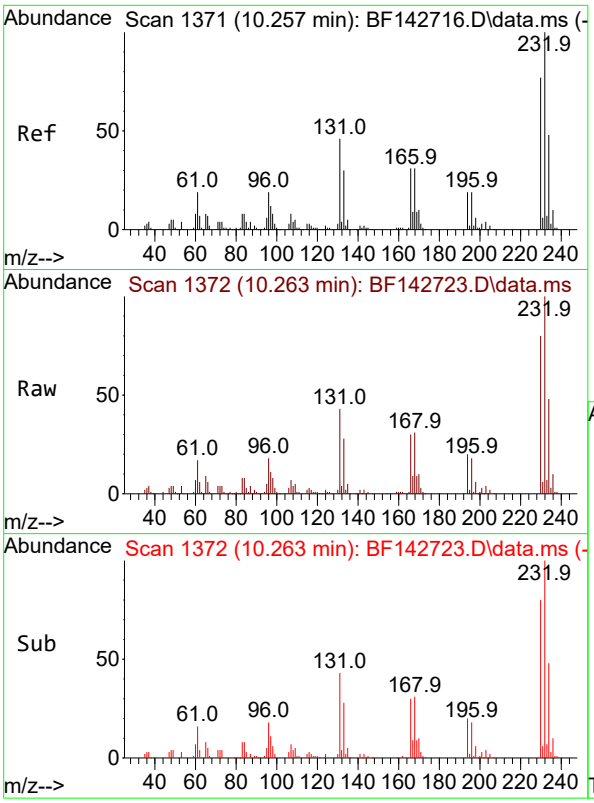


#58
Fluorene
Concen: 38.679 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:166 Resp: 447860

Ion	Ratio	Lower	Upper
166	100		
165	94.1	74.9	112.3
167	13.5	10.7	16.1



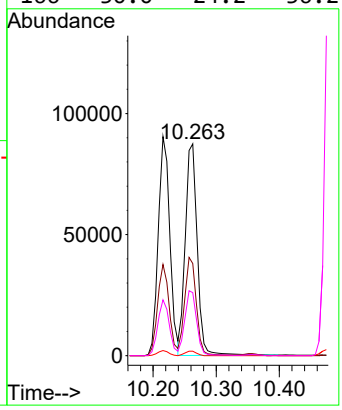


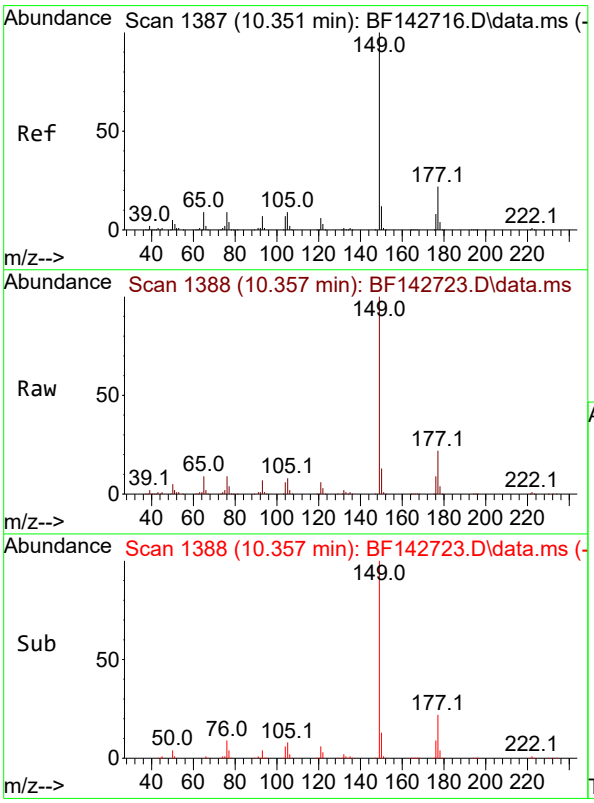
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.344 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 115317

Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.8	53.8
130	2.1	1.8	2.6
166	30.0	24.2	36.2

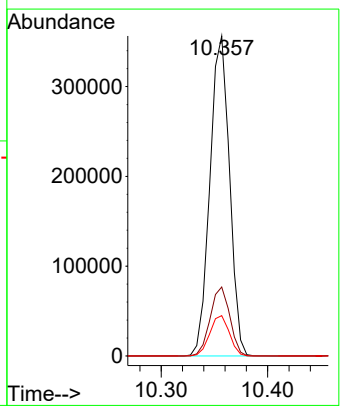


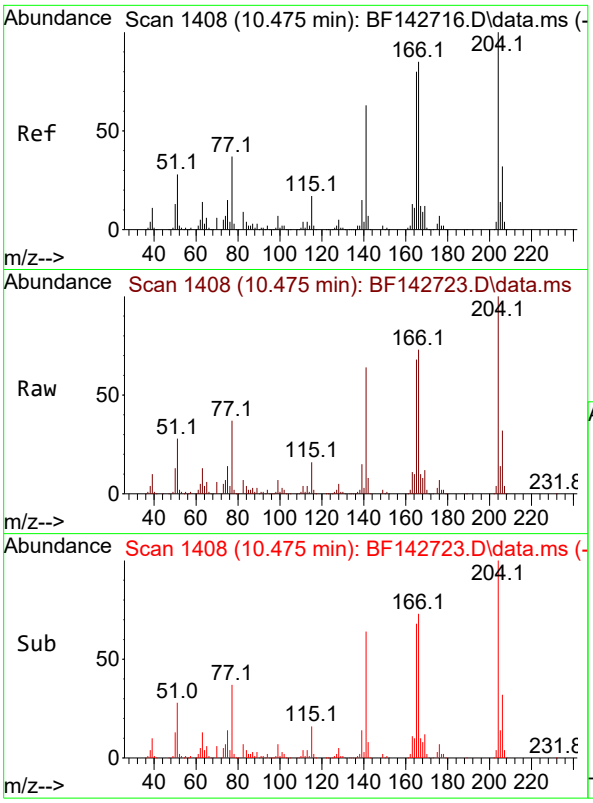


#60
Diethylphthalate
Concen: 39.823 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 454002

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.6	10.0	15.0



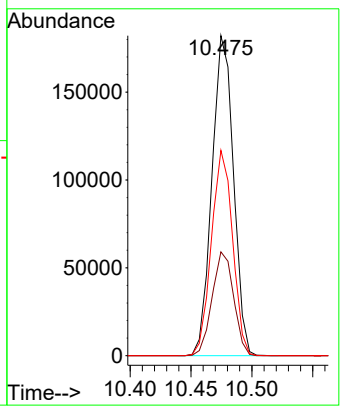


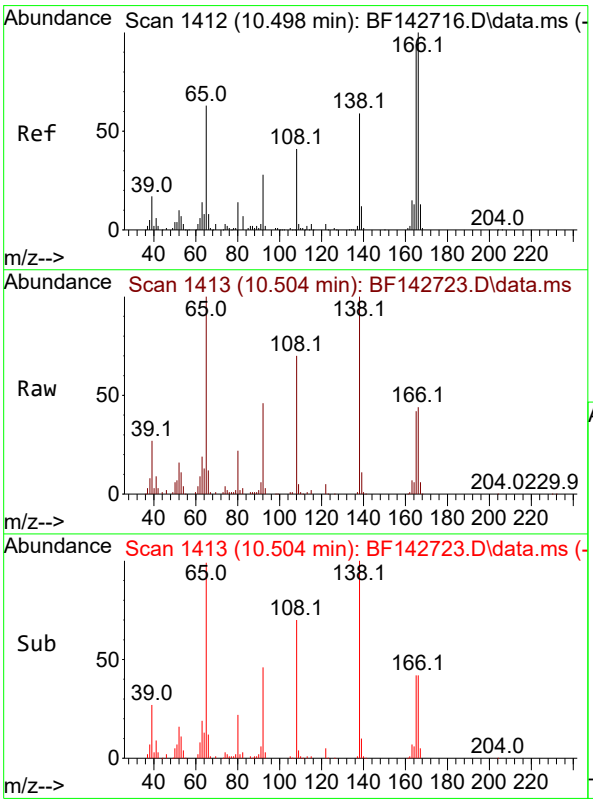
#61
4-Chlorophenyl-phenylether
Concen: 39.637 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 224135

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	64.1	50.2	75.4

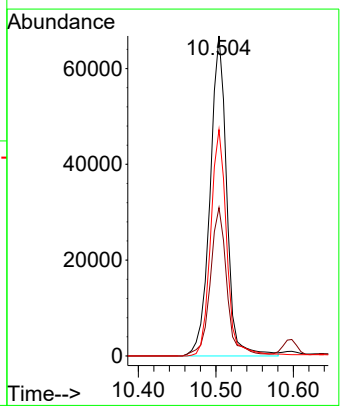


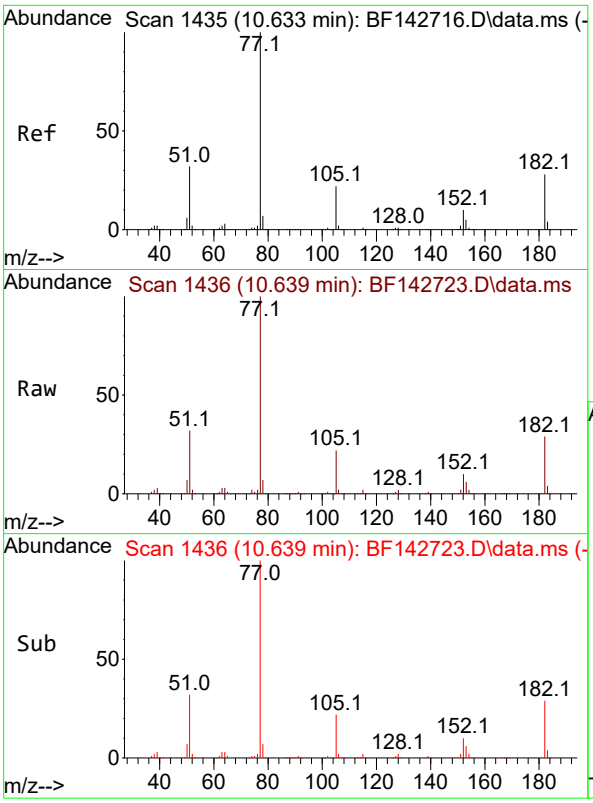


#62
4-Nitroaniline
Concen: 41.427 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:138 Resp: 99888

Ion	Ratio	Lower	Upper
138	100		
92	46.3	27.2	67.2
108	70.7	49.9	89.9



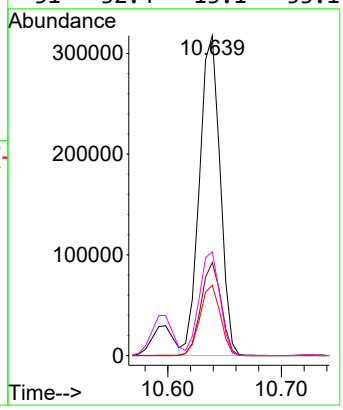


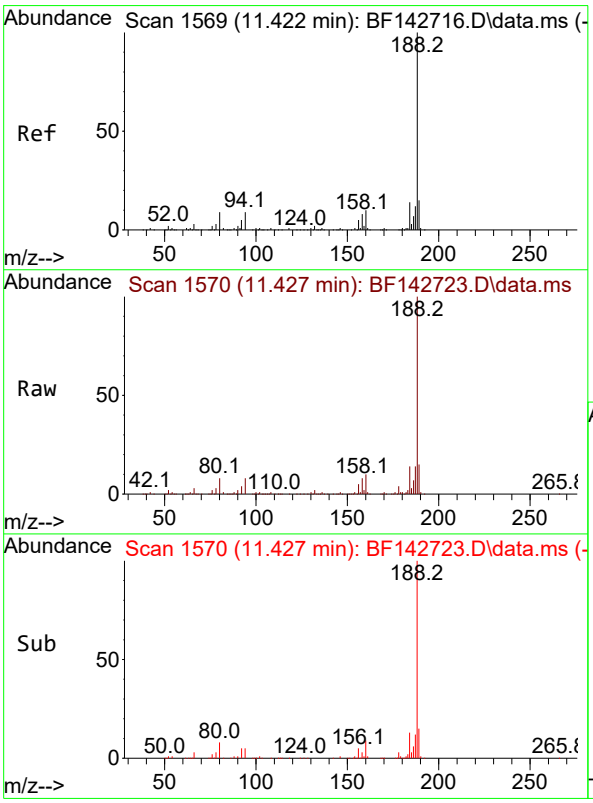
#63
Azobenzene
Concen: 40.239 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 400645

Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.8	47.8
105	22.0	1.9	41.9
51	32.4	13.1	53.1

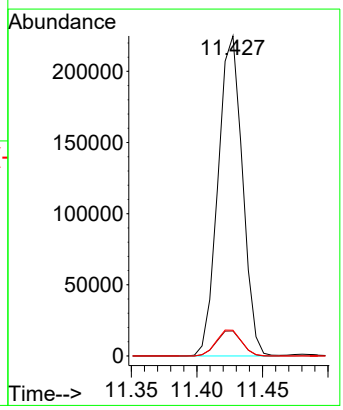


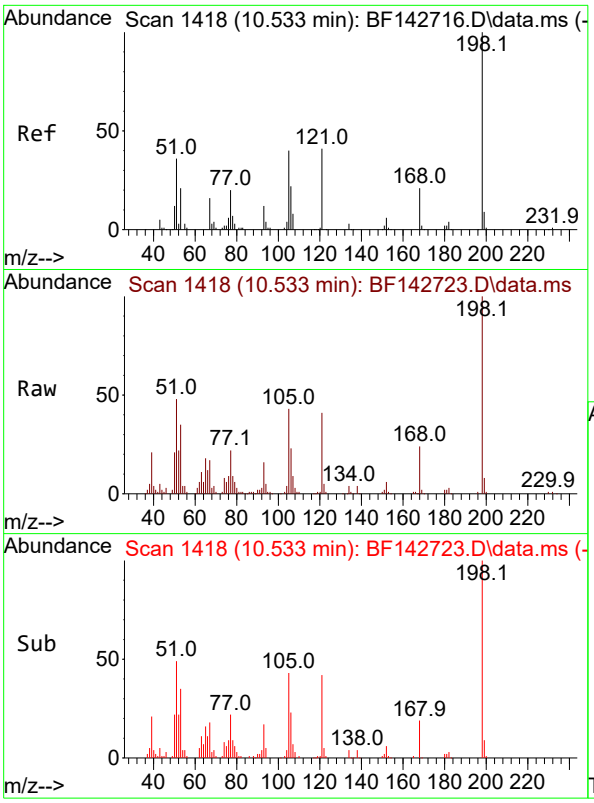


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:188 Resp: 291189

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.0	7.1	10.7



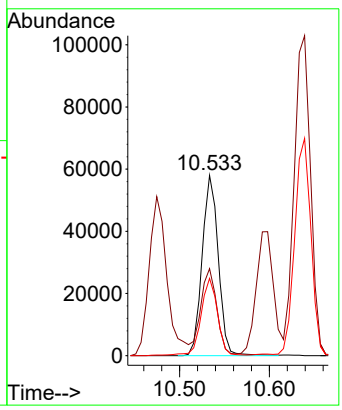


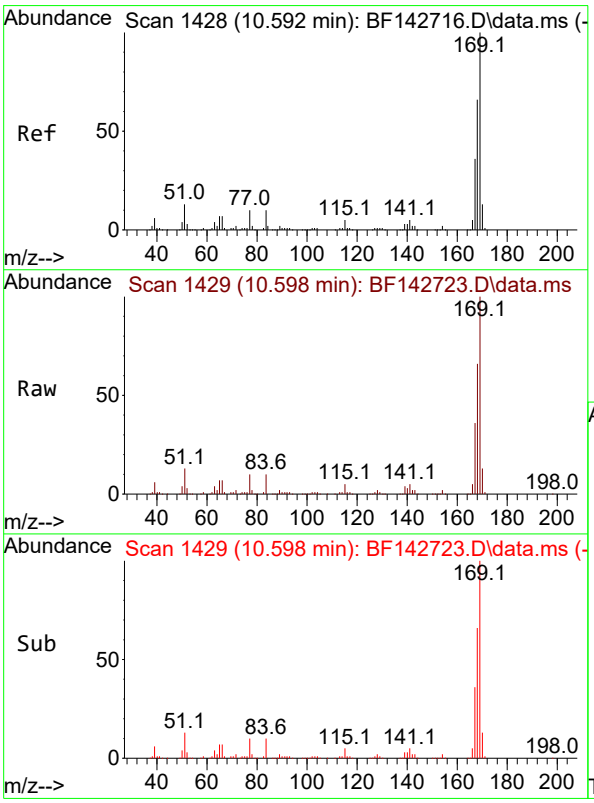
#65
4,6-Dinitro-2-methylphenol
Concen: 39.770 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 72521

Ion	Ratio	Lower	Upper
198	100		
51	48.2	25.5	65.5
105	42.8	21.1	61.1

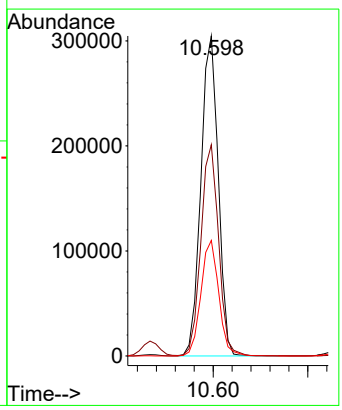


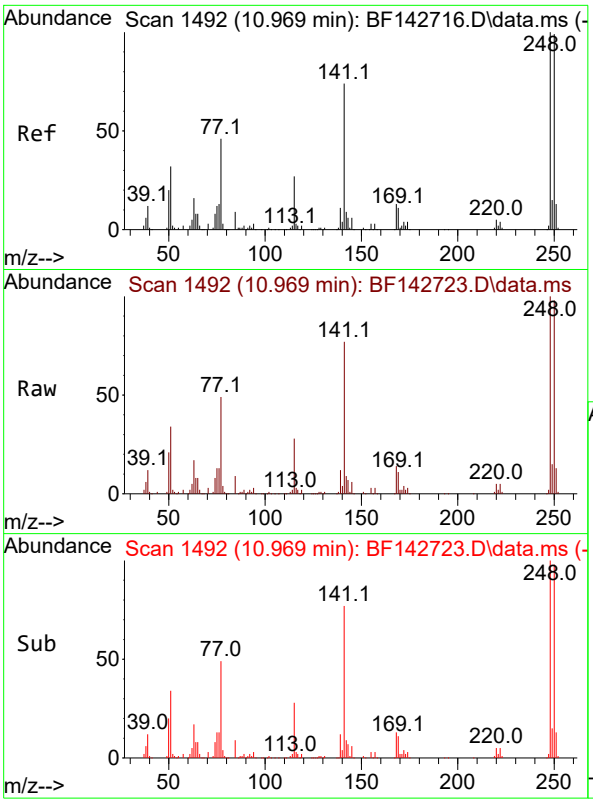


#66
n-Nitrosodiphenylamine
Concen: 38.788 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:169 Resp: 388235

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.0	79.4
167	36.1	28.7	43.1



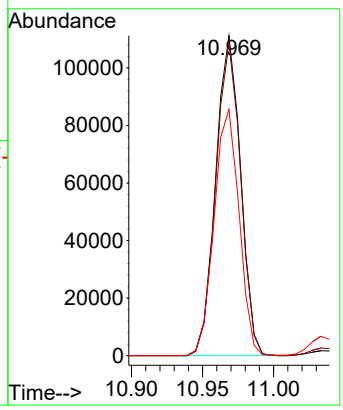


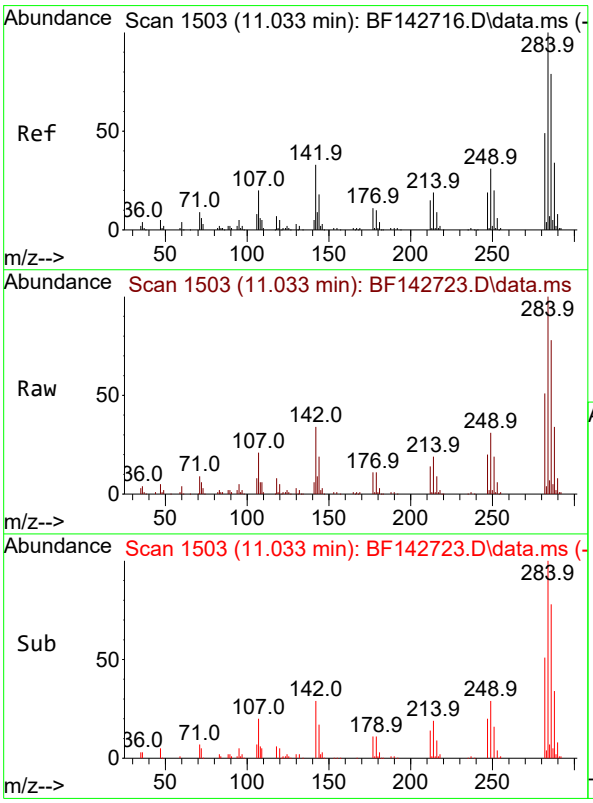
#67
4-Bromophenyl-phenylether
Concen: 39.397 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 135412

Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.2	118.8
141	77.0	59.3	88.9

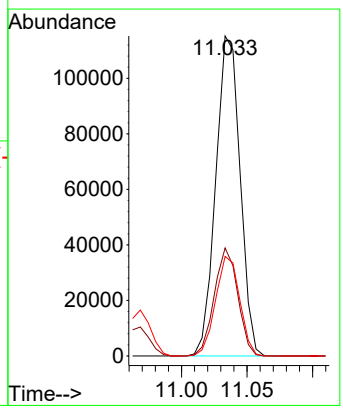


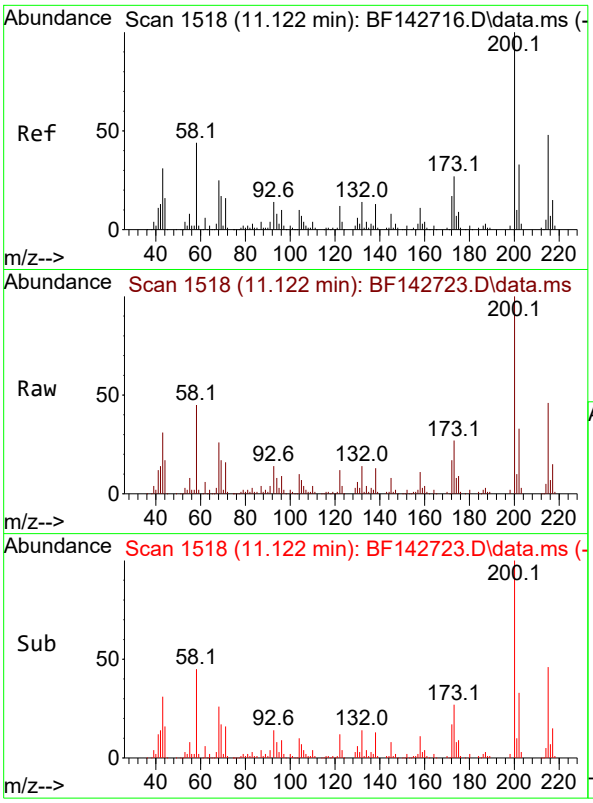


#68
Hexachlorobenzene
Concen: 38.888 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:284 Resp: 148372

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.0	39.0
249	31.1	24.6	37.0



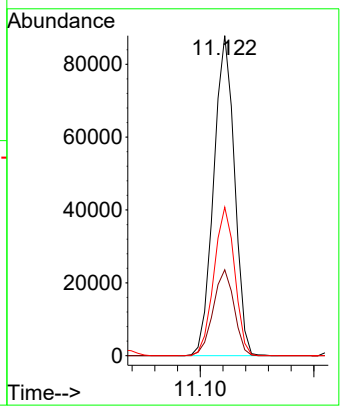


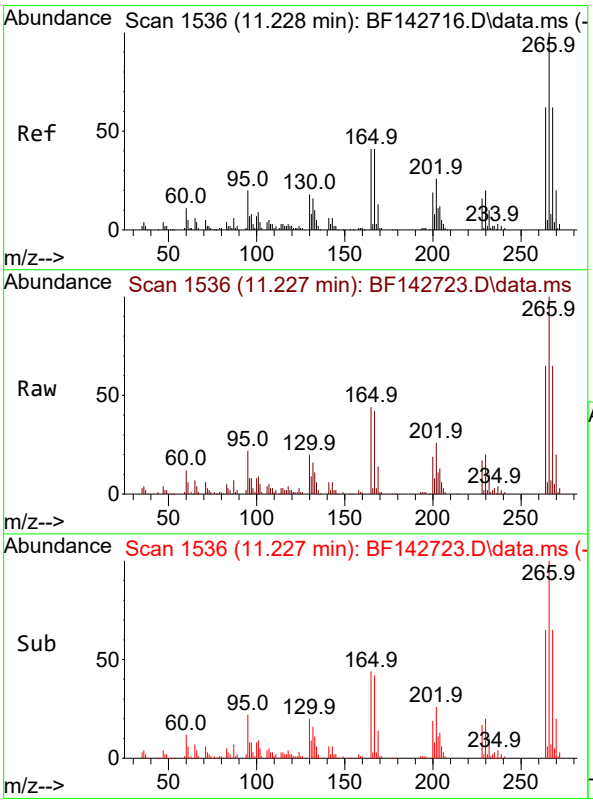
#69
Atrazine
Concen: 41.943 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 111926

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.4	47.4
215	46.4	28.2	68.2

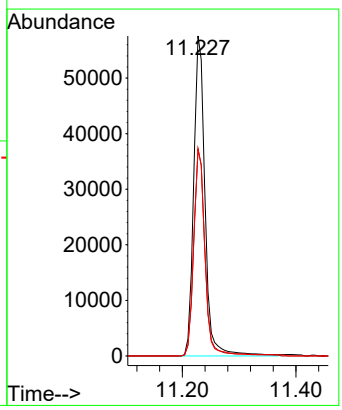


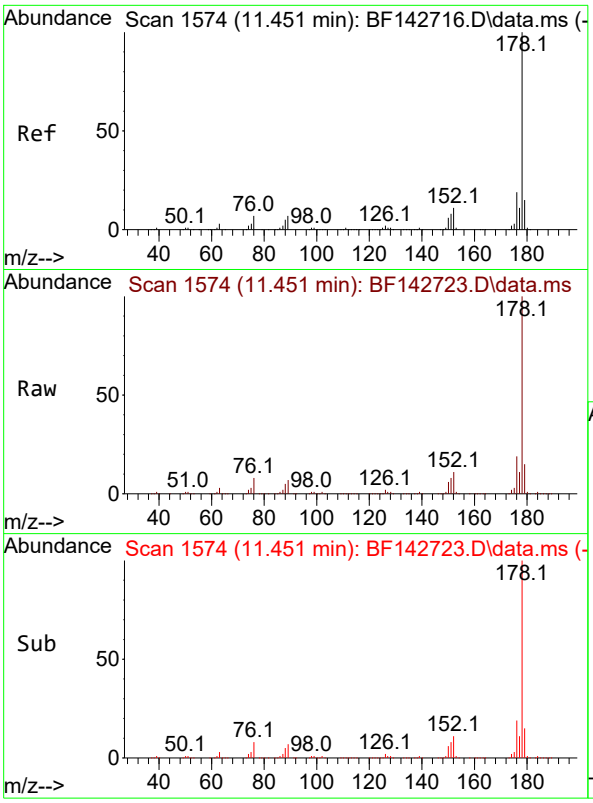


#70
Pentachlorophenol
Concen: 40.127 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:266 Resp: 80252

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.6	74.4
264	64.7	49.5	74.3



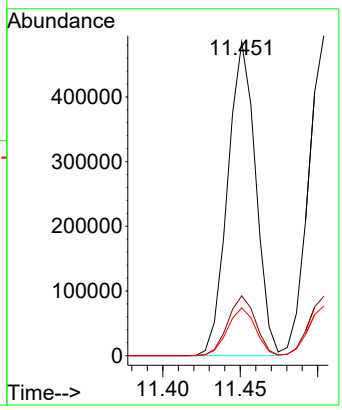


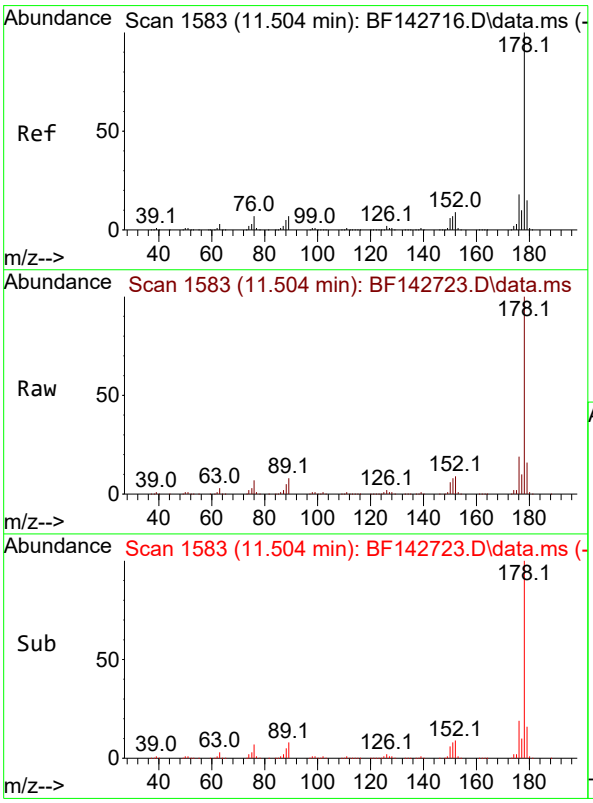
#71
Phenanthrene
Concen: 38.955 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 607696

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.2	18.4

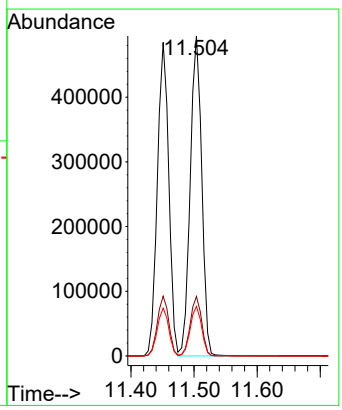


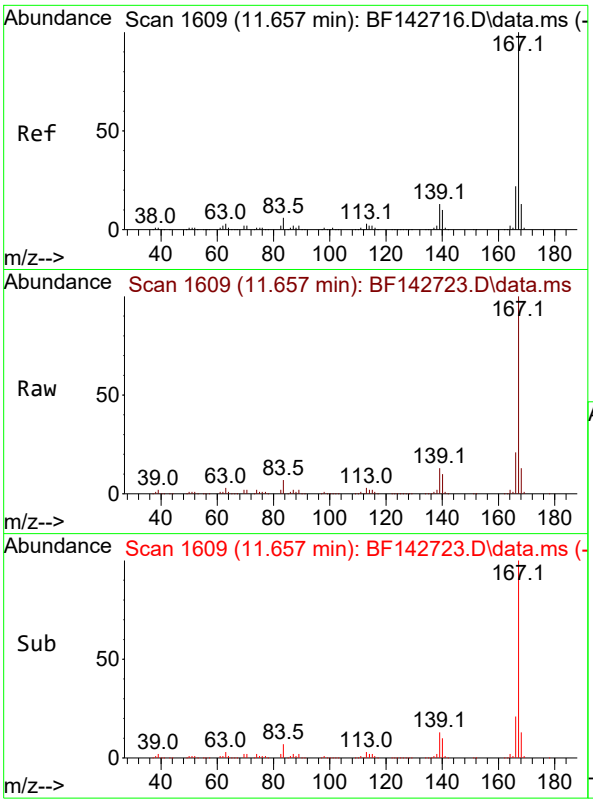


#72
Anthracene
Concen: 38.603 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:178 Resp: 622981

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.5	12.2	18.2



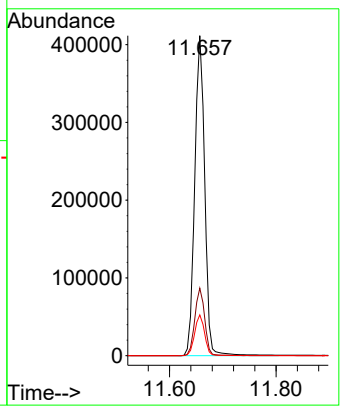


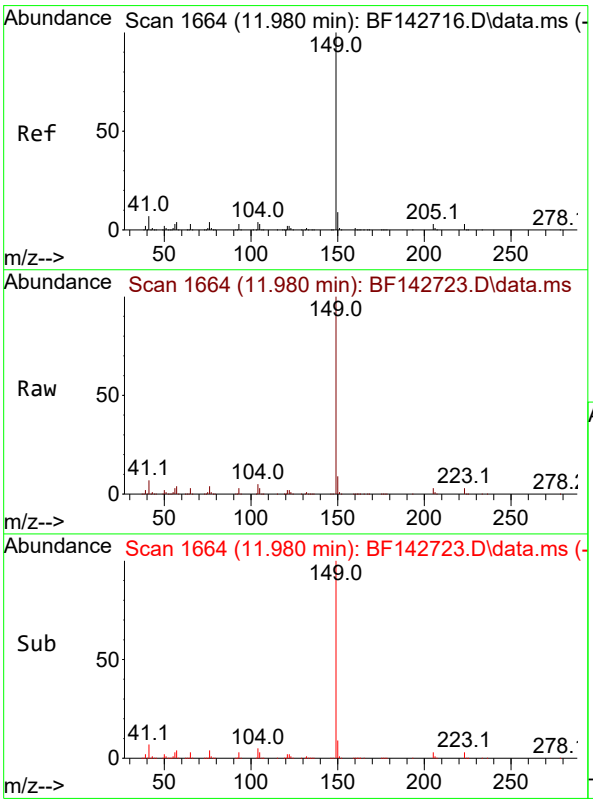
#73
Carbazole
Concen: 39.681 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 536095

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	10.2	15.4

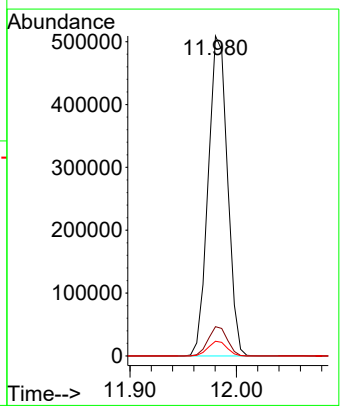


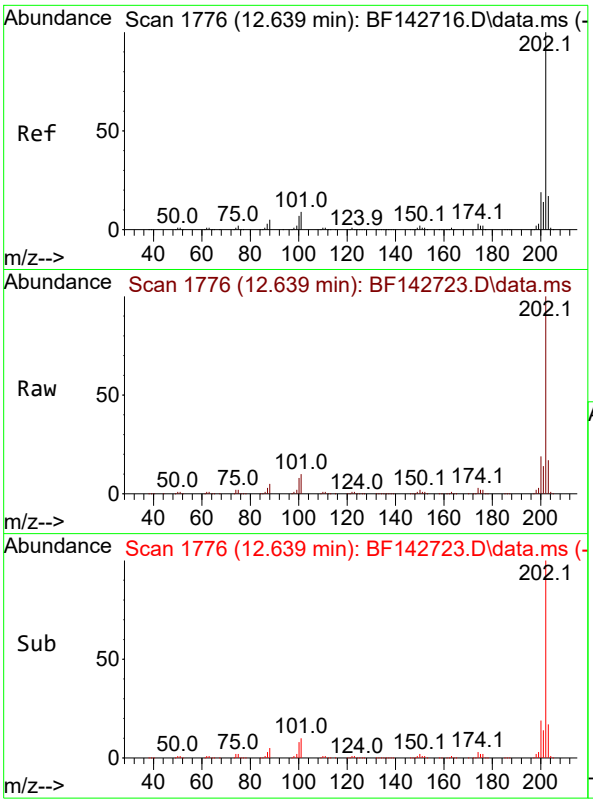


#74
Di-n-butylphthalate
Concen: 42.505 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 641208

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.6	3.4	5.2



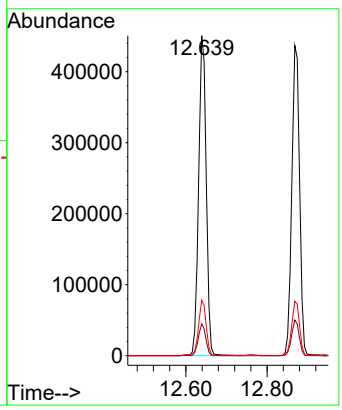


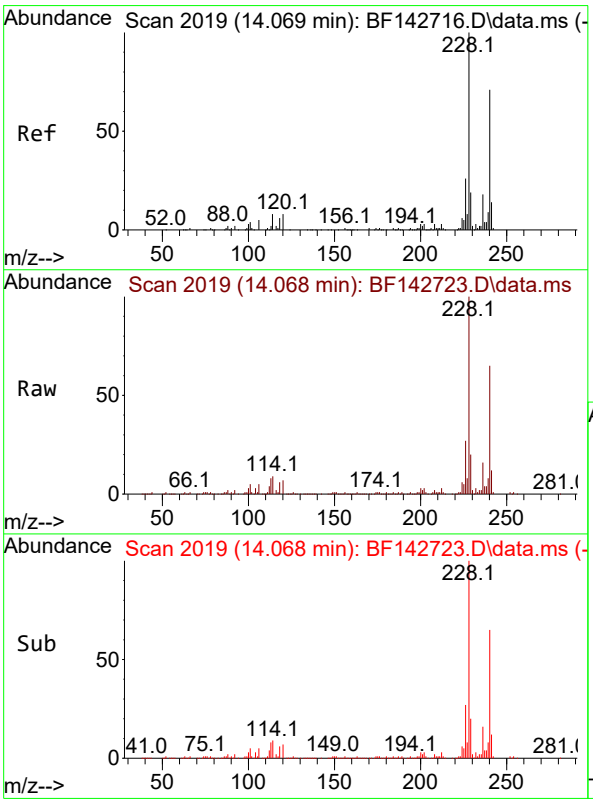
#75
Fluoranthene
Concen: 39.918 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 592143

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.5
203	17.3	0.0	37.0

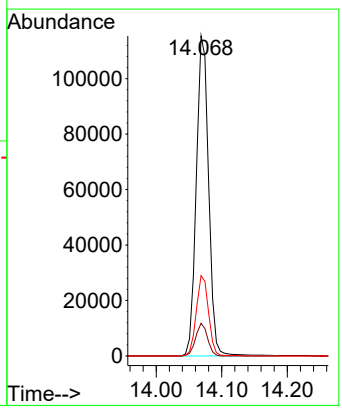


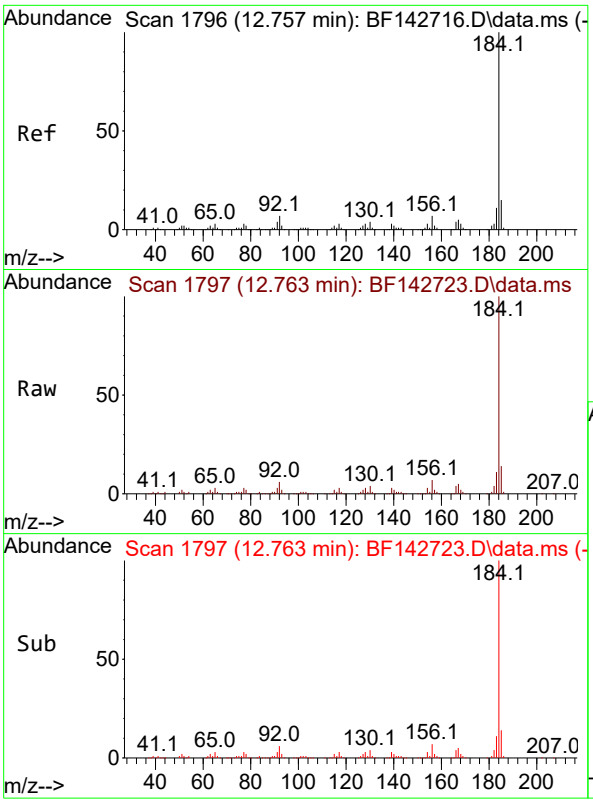


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:240 Resp: 151467

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	25.1	20.1	30.1



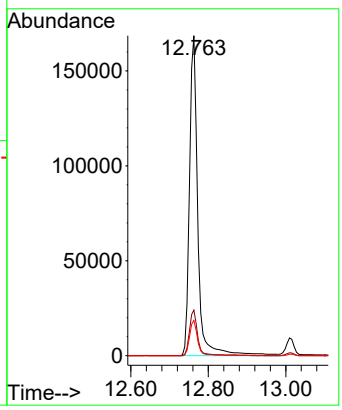


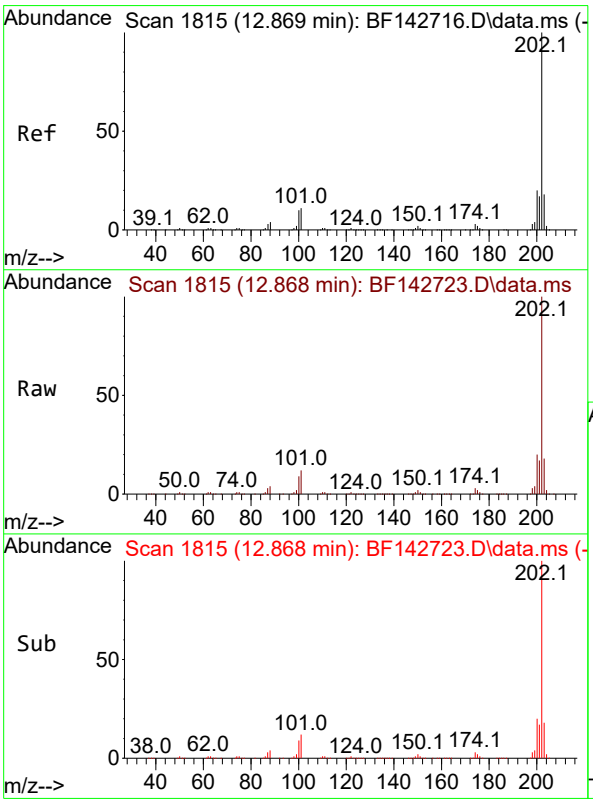
#77
Benzidine
Concen: 46.769 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 252286

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.7	17.5
183	11.0	8.6	12.8

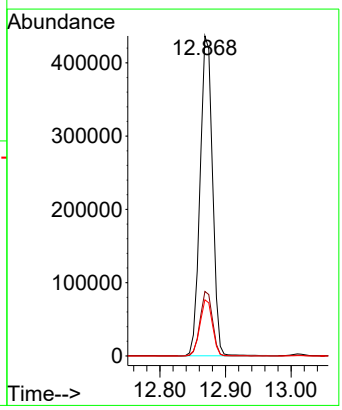


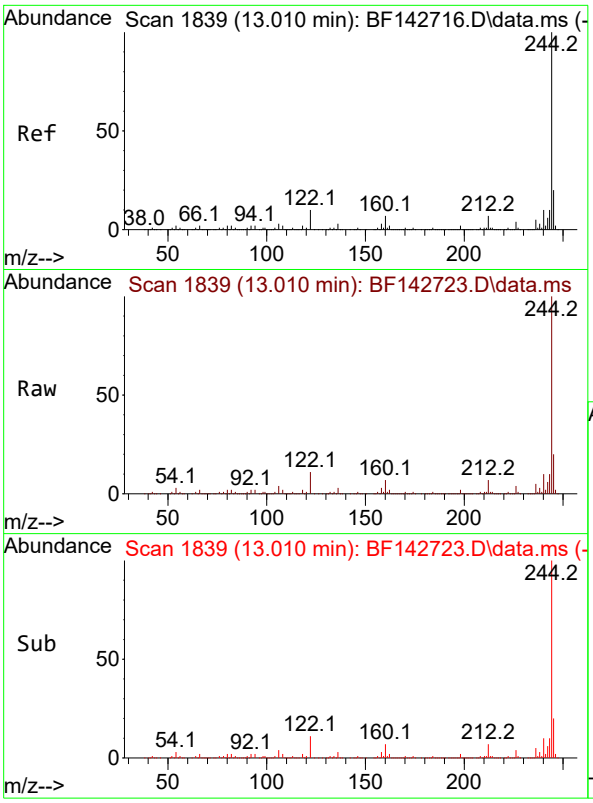


#78
Pyrene
Concen: 40.985 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:202 Resp: 576896

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.8
203	17.5	14.1	21.1



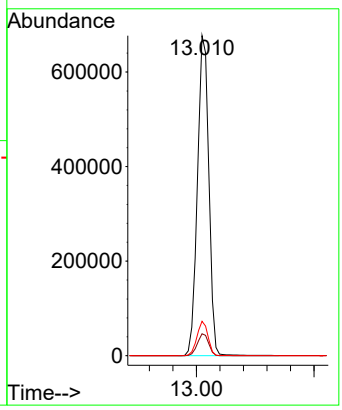


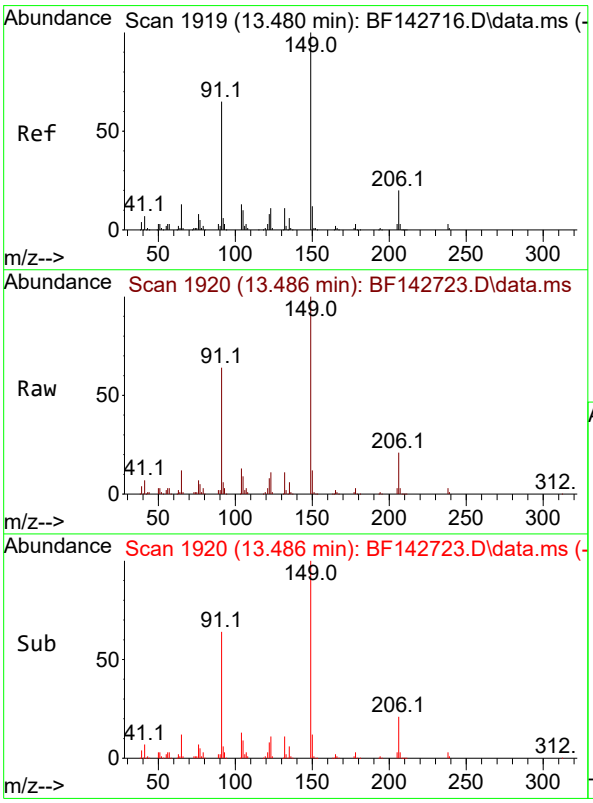
#79
Terphenyl-d14
Concen: 82.504 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 909882

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.8	8.3	12.5

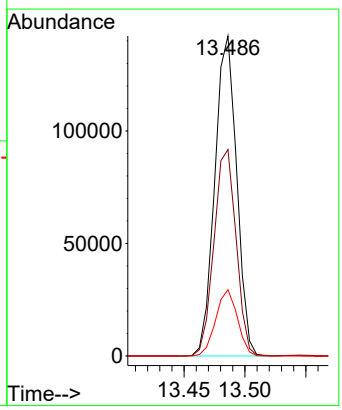


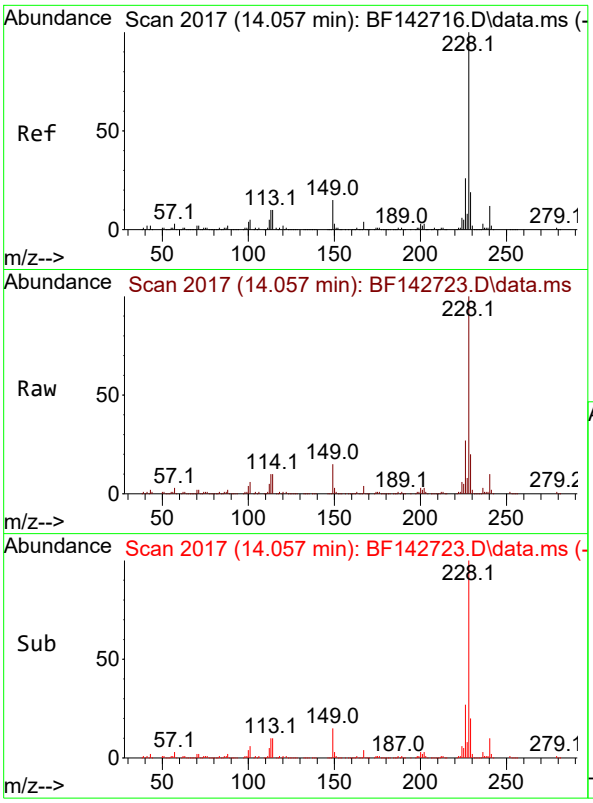


#80
Butylbenzylphthalate
Concen: 42.848 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 178350

Ion	Ratio	Lower	Upper
149	100		
91	64.5	52.3	78.5
206	20.7	16.0	24.0



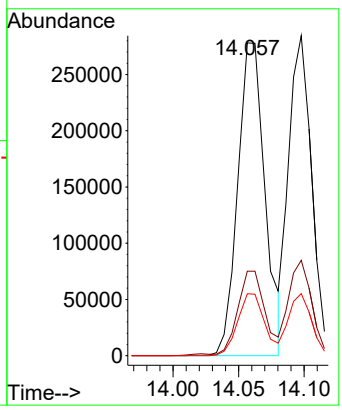


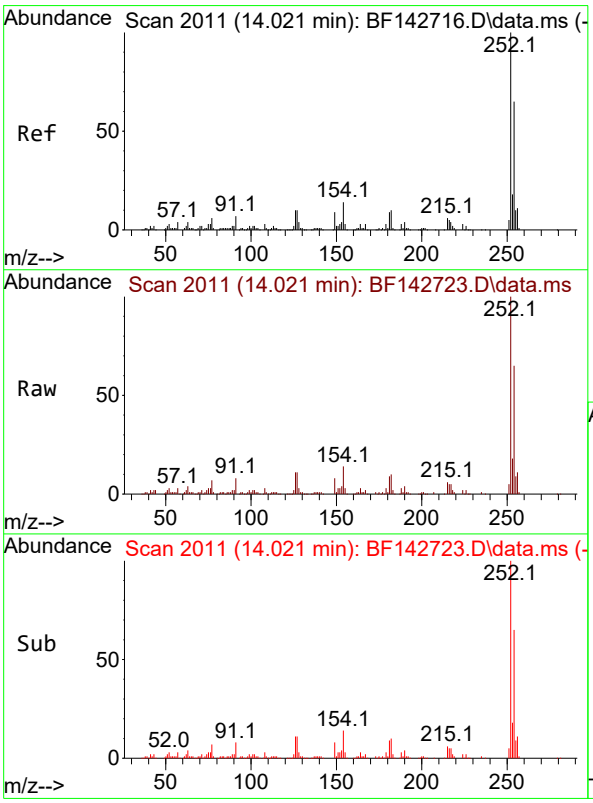
#81
Benzo(a)anthracene
Concen: 40.146 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 402953

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.8	15.5	23.3

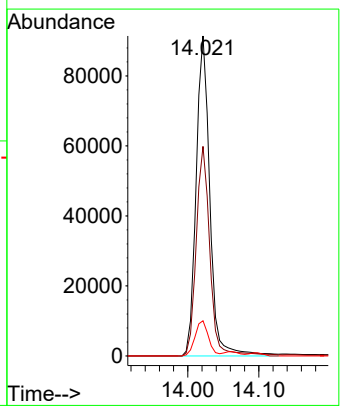


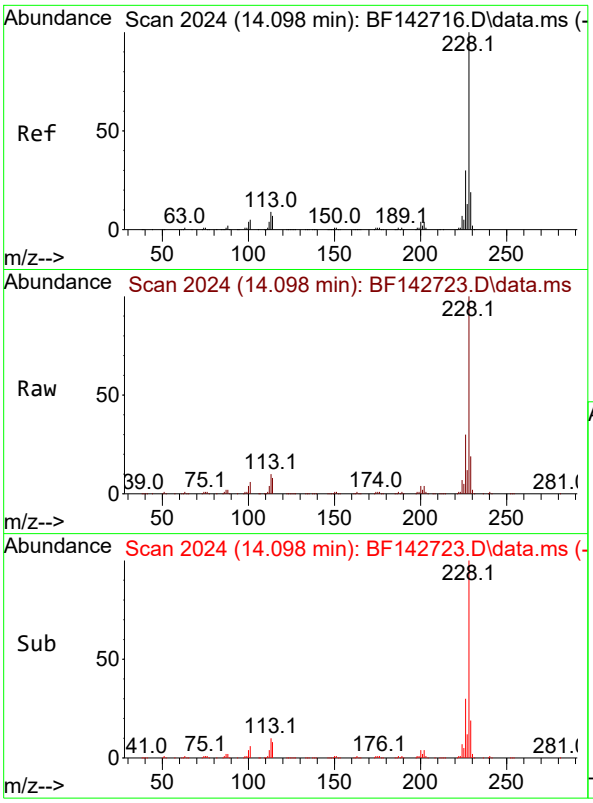


#82
3,3'-Dichlorobenzidine
Concen: 38.074 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:252 Resp: 123235

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.6
126	11.0	8.1	12.1



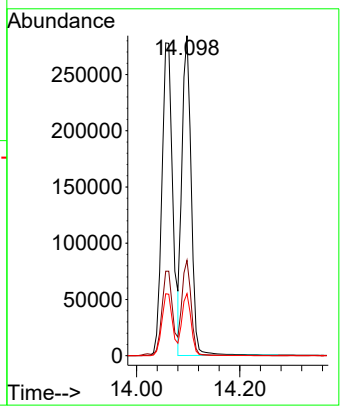


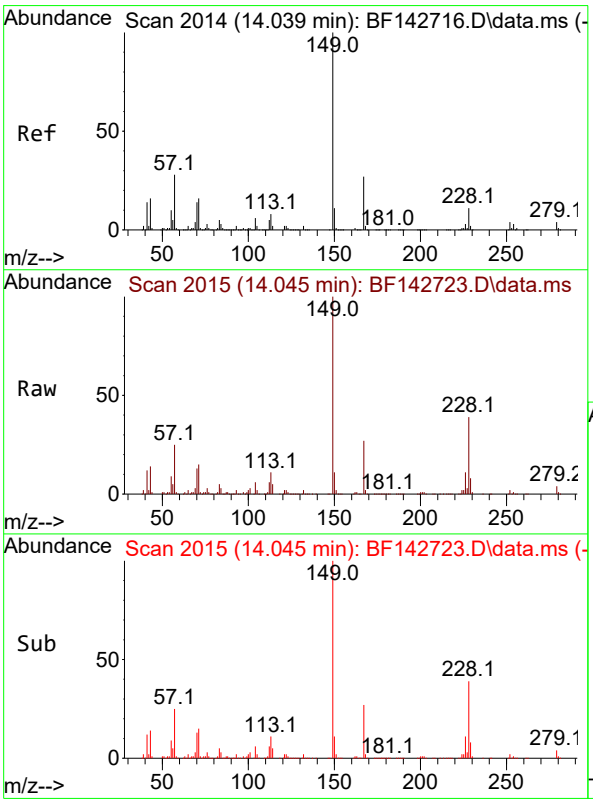
#83
Chrysene
Concen: 38.175 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 353764

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.4	15.5	23.3

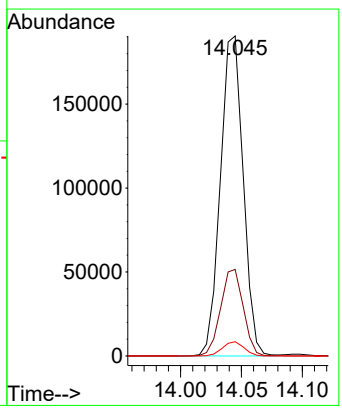


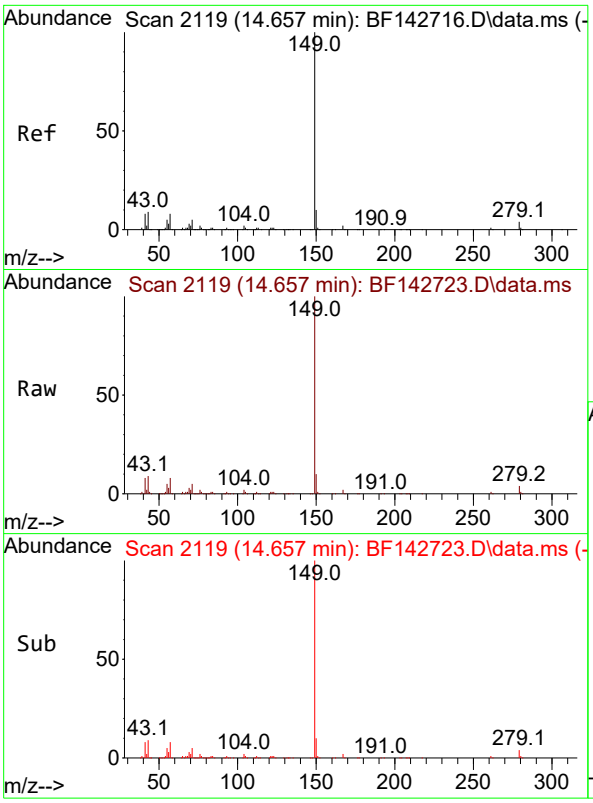


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.812 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 248697

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	4.5	3.0	4.4#



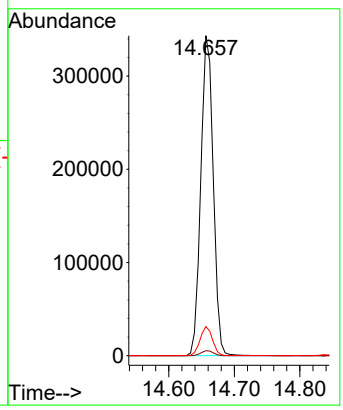


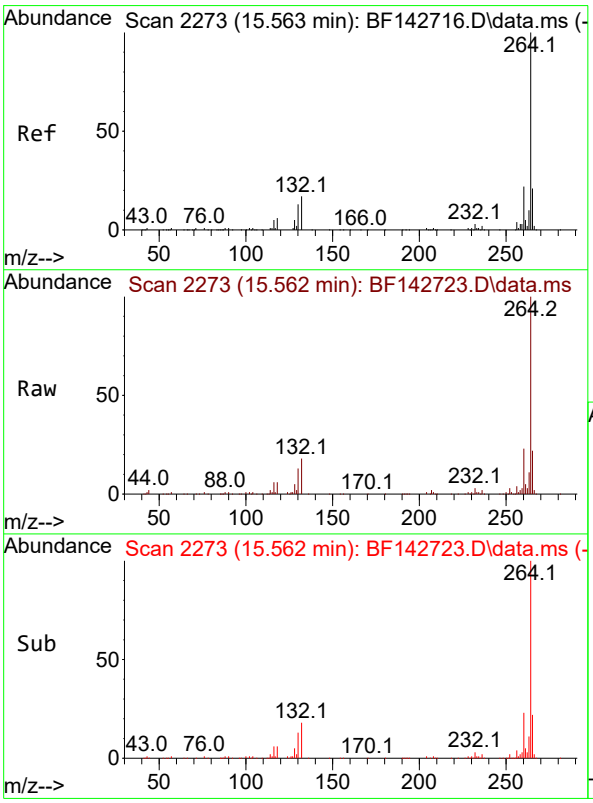
#85
Di-n-octyl phthalate
Concen: 37.906 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 454287

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.3	10.9

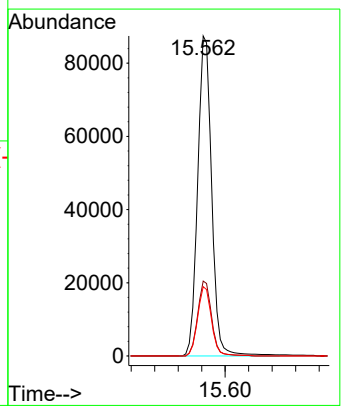


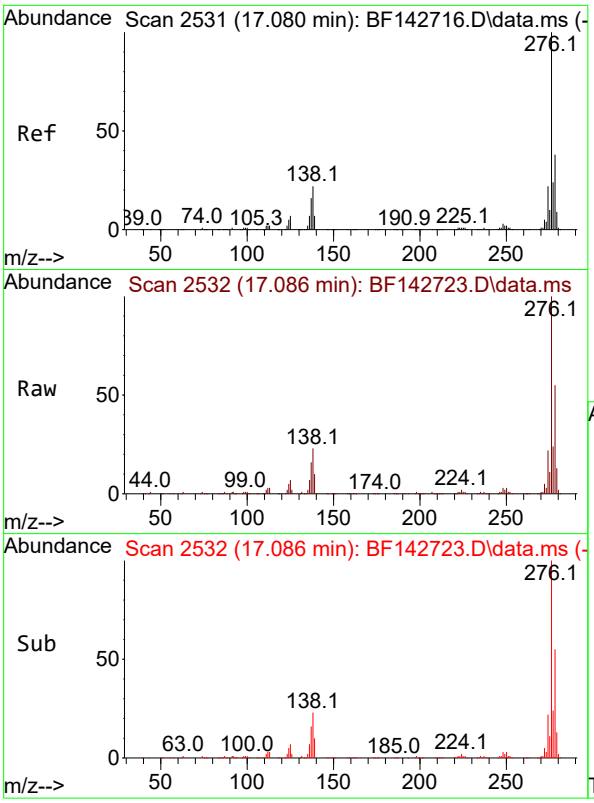


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:264 Resp: 144700

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.6
265	21.7	16.6	25.0



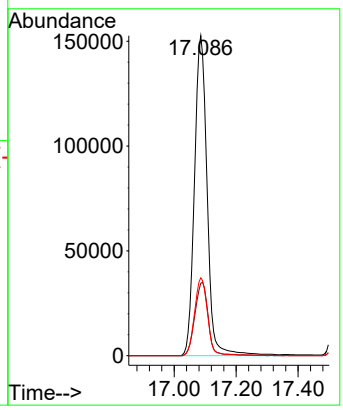


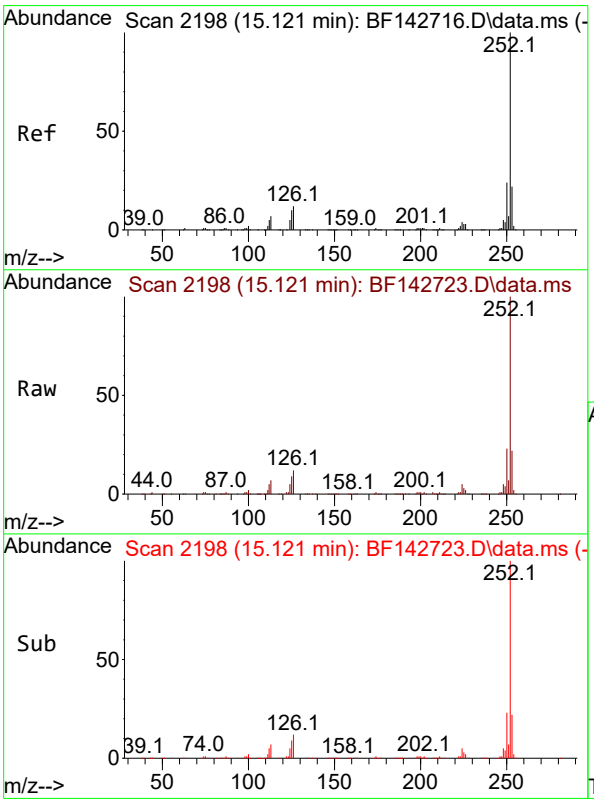
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.517 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 434462

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.1	20.2	30.2

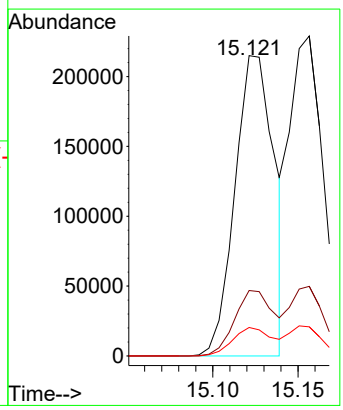


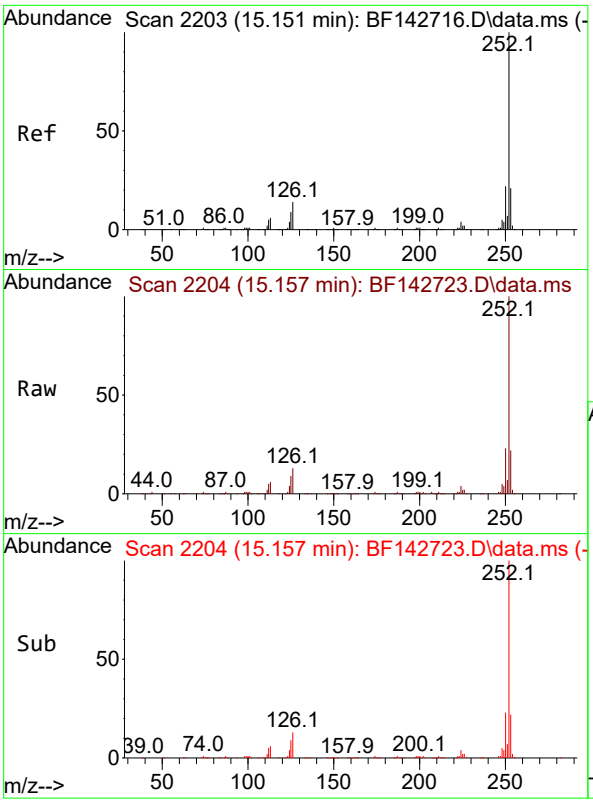


#88
Benzo(b)fluoranthene
Concen: 40.478 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:252 Resp: 344883

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.5	7.8	11.6



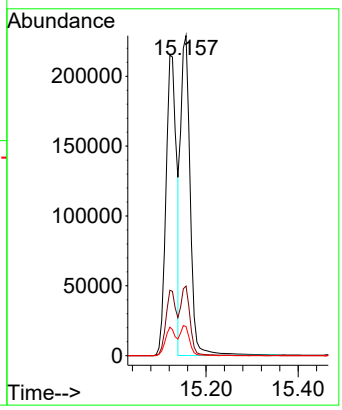


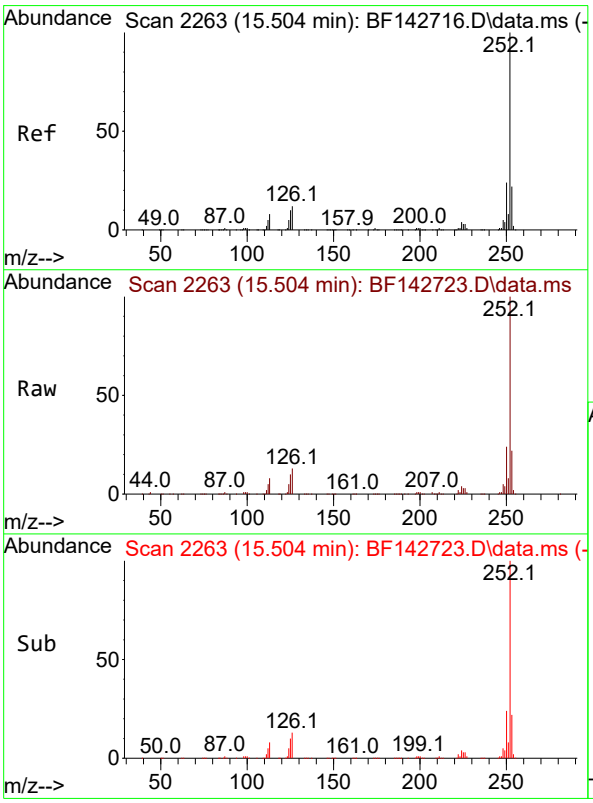
#89
Benzo(k)fluoranthene
Concen: 39.633 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 327636

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.1	7.5	11.3

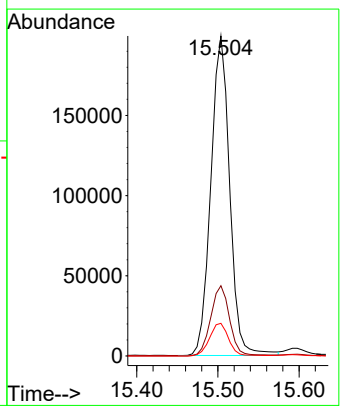


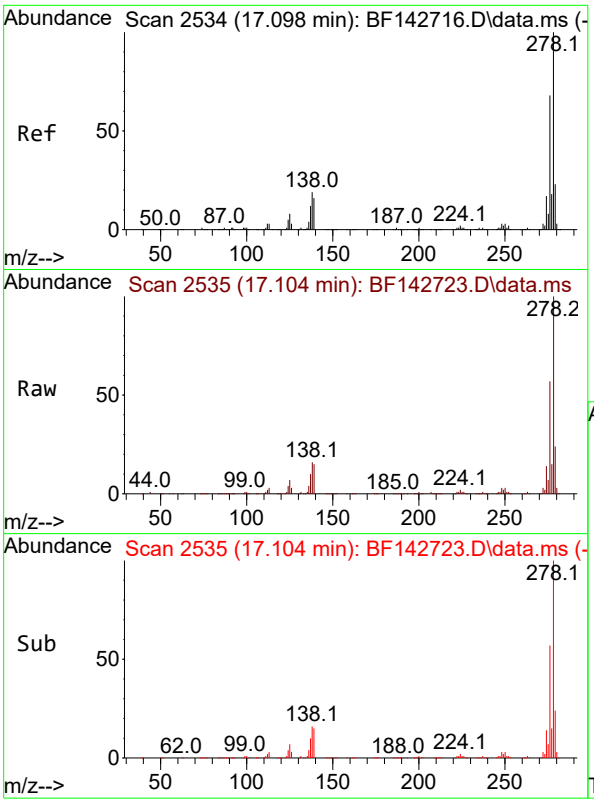


#90
Benzo(a)pyrene
Concen: 39.716 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:252 Resp: 321736

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.2	8.0	12.0



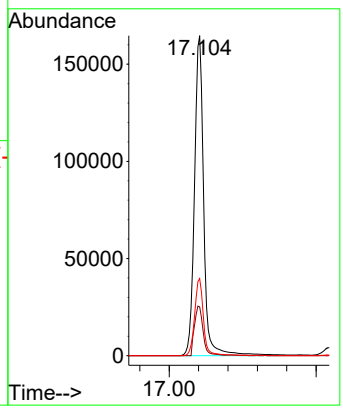


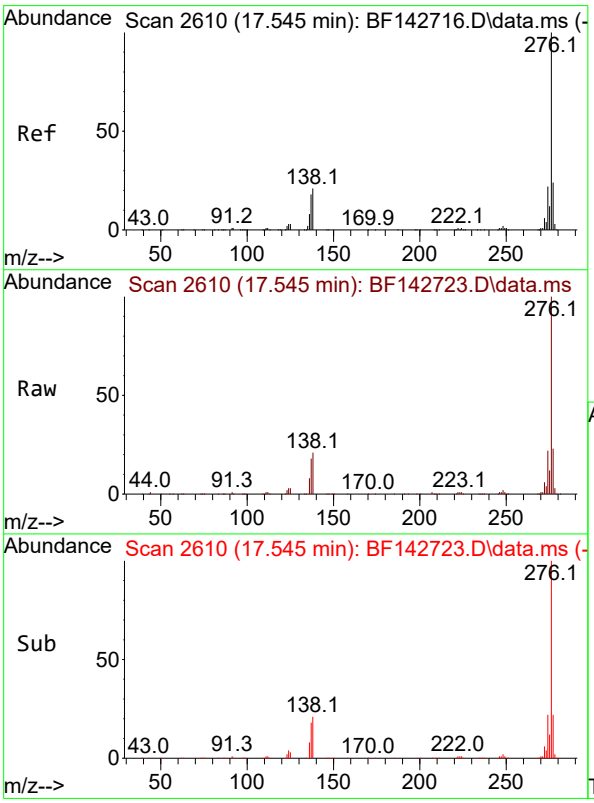
#91
Dibenzo(a,h)anthracene
Concen: 41.000 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 358984

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.8	19.2
279	24.1	18.7	28.1

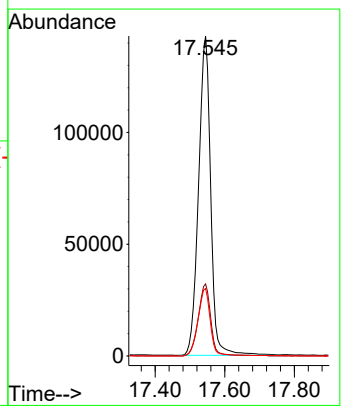




#92
Benzo(g,h,i)perylene
Concen: 39.753 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:276 Resp: 346114

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	21.0	16.4	24.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	106	0.00
2		1,4-Dioxane	0.465	0.450	3.2	105	0.01
3		Pyridine	1.165	1.163	0.2	106	0.00
4		n-Nitrosodimethylamine	0.596	0.590	1.0	106	0.01
5	S	2-Fluorophenol	1.174	1.141	2.8	104	0.00
6		Aniline	1.850	1.833	0.9	105	0.00
7	S	Phenol-d6	1.382	1.367	1.1	105	0.00
8		2-Chlorophenol	1.283	1.259	1.9	103	0.00
9		Benzaldehyde	0.856	0.818	4.4	103	0.00
10	C	Phenol	1.536	1.528	0.5	106	0.00
11		bis(2-Chloroethyl)ether	1.147	1.136	1.0	106	0.00
12		1,3-Dichlorobenzene	1.465	1.430	2.4	104	0.00
13	C	1,4-Dichlorobenzene	1.480	1.451	2.0	106	0.00
14		1,2-Dichlorobenzene	1.419	1.384	2.5	104	0.00
15		Benzyl Alcohol	1.045	1.056	-1.1	105	0.00
16		2,2'-oxybis(1-Chloropropane	1.806	1.799	0.4	105	0.00
17		2-Methylphenol	0.984	0.985	-0.1	105	0.00
18		Hexachloroethane	0.530	0.508	4.2	103	0.00
19	P	n-Nitroso-di-n-propylamine	0.880	0.889	-1.0	107	0.00
20		3+4-Methylphenols	1.240	1.242	-0.2	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.445	0.431	3.1	104	0.00
23	S	Nitrobenzene-d5	0.365	0.358	1.9	105	0.00
24		Nitrobenzene	0.324	0.320	1.2	105	0.00
25		Isophorone	0.619	0.614	0.8	107	0.00
26	C	2-Nitrophenol	0.181	0.182	-0.6	105	0.00
27		2,4-Dimethylphenol	0.308	0.305	1.0	105	0.00
28		bis(2-Chloroethoxy)methane	0.384	0.380	1.0	105	0.00
29	C	2,4-Dichlorophenol	0.284	0.284	0.0	106	0.00
30		1,2,4-Trichlorobenzene	0.314	0.307	2.2	105	0.00
31		Naphthalene	0.989	0.976	1.3	105	0.00
32		Benzoic acid	0.174	0.176	-1.1	106	0.00
33		4-Chloroaniline	0.397	0.399	-0.5	105	0.00
34	C	Hexachlorobutadiene	0.200	0.197	1.5	105	0.00
35		Caprolactam	0.077	0.080	-3.9	112	0.00
36	C	4-Chloro-3-methylphenol	0.296	0.295	0.3	107	0.00
37		2-Methylnaphthalene	0.626	0.619	1.1	105	0.00
38		1-Methylnaphthalene	0.649	0.644	0.8	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40		1,2,4,5-Tetrachlorobenzene	0.579	0.567	2.1	105	0.00
41	P	Hexachlorocyclopentadiene	0.372	0.369	0.8	104	0.00
42	S	2,4,6-Tribromophenol	0.219	0.218	0.5	108	0.00
43	C	2,4,6-Trichlorophenol	0.375	0.381	-1.6	108	0.00
44		2,4,5-Trichlorophenol	0.405	0.395	2.5	104	0.00
45	S	2-Fluorobiphenyl	1.505	1.452	3.5	106	0.00
46		1,1'-Biphenyl	1.553	1.516	2.4	106	0.00
47		2-Chloronaphthalene	1.144	1.134	0.9	107	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	0.325	0.326	-0.3	106	0.00
49		Acenaphthylene	1.929	1.891	2.0	106	0.00
50		Dimethylphthalate	1.336	1.325	0.8	108	0.00
51		2,6-Dinitrotoluene	0.289	0.285	1.4	106	0.00
52	C	Acenaphthene	1.196	1.172	2.0	106	0.00
53		3-Nitroaniline	0.313	0.309	1.3	106	0.00
54	P	2,4-Dinitrophenol	0.158	0.159	-0.6	107	0.00
55		Dibenzofuran	1.703	1.673	1.8	107	0.00
56	P	4-Nitrophenol	0.212	0.215	-1.4	108	0.00
57		2,4-Dinitrotoluene	0.382	0.392	-2.6	110	0.00
58		Fluorene	1.345	1.301	3.3	107	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.335	1.5	108	0.00
60		Diethylphthalate	1.324	1.318	0.5	111	0.00
61		4-Chlorophenyl-phenylether	0.657	0.651	0.9	108	0.00
62		4-Nitroaniline	0.280	0.290	-3.6	113	0.00
63		Azobenzene	1.157	1.164	-0.6	110	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.125	0.0	108	0.00
66	c	n-Nitrosodiphenylamine	0.687	0.667	2.9	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.233	1.3	109	0.00
68		Hexachlorobenzene	0.262	0.255	2.7	108	0.00
69		Atrazine	0.183	0.192	-4.9	116	0.00
70	C	Pentachlorophenol	0.137	0.138	-0.7	107	0.00
71		Phenanthrene	1.071	1.043	2.6	109	0.00
72		Anthracene	1.108	1.070	3.4	109	0.00
73		Carbazole	0.928	0.921	0.8	111	0.00
74		Di-n-butylphthalate	1.036	1.101	-6.3	119	0.00
75	C	Fluoranthene	1.019	1.017	0.2	114	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	114	0.00
77		Benzidine	0.712	0.833	-17.0	118	0.00
78		Pyrene	1.859	1.904	-2.4	115	0.00
79	S	Terphenyl-d14	1.456	1.502	-3.2	117	0.00
80		Butylbenzylphthalate	0.550	0.589	-7.1	115	0.00
81		Benzo(a)anthracene	1.325	1.330	-0.4	112	0.00
82		3,3'-Dichlorobenzidine	0.427	0.407	4.7	105	0.00
83		Chrysene	1.224	1.168	4.6	113	0.00
84		Bis(2-ethylhexyl)phthalate	0.825	0.821	0.5	104	0.00
85	c	Di-n-octyl phthalate	1.582	1.500	5.2	102	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	1.482	1.501	-1.3	98	0.00
88		Benzo(b)fluoranthene	1.178	1.192	-1.2	101	0.00
89		Benzo(k)fluoranthene	1.143	1.132	1.0	103	0.00
90	C	Benzo(a)pyrene	1.120	1.112	0.7	99	0.00
91		Dibenzo(a,h)anthracene	1.210	1.240	-2.5	99	0.00
92		Benzo(g,h,i)perylene	1.203	1.196	0.6	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	106	0.00
2		1,4-Dioxane	40.000	38.713	3.2	105	0.01
3		Pyridine	40.000	39.912	0.2	106	0.00
4		n-Nitrosodimethylamine	40.000	39.551	1.1	106	0.01
5	S	2-Fluorophenol	80.000	77.718	2.9	104	0.00
6		Aniline	40.000	39.637	0.9	105	0.00
7	S	Phenol-d6	80.000	79.151	1.1	105	0.00
8		2-Chlorophenol	40.000	39.234	1.9	103	0.00
9		Benzaldehyde	40.000	38.249	4.4	103	0.00
10	C	Phenol	40.000	39.780	0.5	106	0.00
11		bis(2-Chloroethyl)ether	40.000	39.588	1.0	106	0.00
12		1,3-Dichlorobenzene	40.000	39.044	2.4	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.202	2.0	106	0.00
14		1,2-Dichlorobenzene	40.000	39.017	2.5	104	0.00
15		Benzyl Alcohol	40.000	40.433	-1.1	105	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.836	0.4	105	0.00
17		2-Methylphenol	40.000	40.048	-0.1	105	0.00
18		Hexachloroethane	40.000	38.325	4.2	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.427	-1.1	107	0.00
20		3+4-Methylphenols	40.000	40.057	-0.1	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.775	3.1	104	0.00
23	S	Nitrobenzene-d5	80.000	78.292	2.1	105	0.00
24		Nitrobenzene	40.000	39.438	1.4	105	0.00
25		Isophorone	40.000	39.677	0.8	107	0.00
26	C	2-Nitrophenol	40.000	40.193	-0.5	105	0.00
27		2,4-Dimethylphenol	40.000	39.530	1.2	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.595	1.0	105	0.00
29	C	2,4-Dichlorophenol	40.000	39.892	0.3	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.027	2.4	105	0.00
31		Naphthalene	40.000	39.461	1.3	105	0.00
32		Benzoic acid	40.000	40.520	-1.3	106	0.00
33		4-Chloroaniline	40.000	40.198	-0.5	105	0.00
34	C	Hexachlorobutadiene	40.000	39.386	1.5	105	0.00
35		Caprolactam	40.000	41.553	-3.9	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.954	0.1	107	0.00
37		2-Methylnaphthalene	40.000	39.561	1.1	105	0.00
38		1-Methylnaphthalene	40.000	39.691	0.8	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.191	2.0	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.734	0.7	104	0.00
42	S	2,4,6-Tribromophenol	80.000	79.661	0.4	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.688	-1.7	108	0.00
44		2,4,5-Trichlorophenol	40.000	39.033	2.4	104	0.00
45	S	2-Fluorobiphenyl	80.000	77.182	3.5	106	0.00
46		1,1'-Biphenyl	40.000	39.049	2.4	106	0.00
47		2-Chloronaphthalene	40.000	39.632	0.9	107	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.029	-0.1	106	0.00
49		Acenaphthylene	40.000	39.206	2.0	106	0.00
50		Dimethylphthalate	40.000	39.669	0.8	108	0.00
51		2,6-Dinitrotoluene	40.000	39.514	1.2	106	0.00
52	C	Acenaphthene	40.000	39.208	2.0	106	0.00
53		3-Nitroaniline	40.000	39.423	1.4	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.188	-0.5	107	0.00
55		Dibenzofuran	40.000	39.278	1.8	107	0.00
56	P	4-Nitrophenol	40.000	40.432	-1.1	108	0.00
57		2,4-Dinitrotoluene	40.000	41.102	-2.8	110	0.00
58		Fluorene	40.000	38.679	3.3	107	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.344	1.6	108	0.00
60		Diethylphthalate	40.000	39.823	0.4	111	0.00
61		4-Chlorophenyl-phenylether	40.000	39.637	0.9	108	0.00
62		4-Nitroaniline	40.000	41.427	-3.6	113	0.00
63		Azobenzene	40.000	40.239	-0.6	110	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.770	0.6	108	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.788	3.0	108	0.00
67		4-Bromophenyl-phenylether	40.000	39.397	1.5	109	0.00
68		Hexachlorobenzene	40.000	38.888	2.8	108	0.00
69		Atrazine	40.000	41.943	-4.9	116	0.00
70	C	Pentachlorophenol	40.000	40.127	-0.3	107	0.00
71		Phenanthrene	40.000	38.955	2.6	109	0.00
72		Anthracene	40.000	38.603	3.5	109	0.00
73		Carbazole	40.000	39.681	0.8	111	0.00
74		Di-n-butylphthalate	40.000	42.505	-6.3	119	0.00
75	C	Fluoranthene	40.000	39.918	0.2	114	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	114	0.00
77		Benzidine	40.000	46.769	-16.9	118	0.00
78		Pyrene	40.000	40.985	-2.5	115	0.00
79	S	Terphenyl-d14	80.000	82.504	-3.1	117	0.00
80		Butylbenzylphthalate	40.000	42.848	-7.1	115	0.00
81		Benzo(a)anthracene	40.000	40.146	-0.4	112	0.00
82		3,3'-Dichlorobenzidine	40.000	38.074	4.8	105	0.00
83		Chrysene	40.000	38.175	4.6	113	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.812	0.5	104	0.00
85	c	Di-n-octyl phthalate	40.000	37.906	5.2	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.517	-1.3	98	0.00
88		Benzo(b)fluoranthene	40.000	40.478	-1.2	101	0.00
89		Benzo(k)fluoranthene	40.000	39.633	0.9	103	0.00
90	C	Benzo(a)pyrene	40.000	39.716	0.7	99	0.00
91		Dibenzo(a,h)anthracene	40.000	41.000	-2.5	99	0.00
92		Benzo(g,h,i)perylene	40.000	39.753	0.6	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

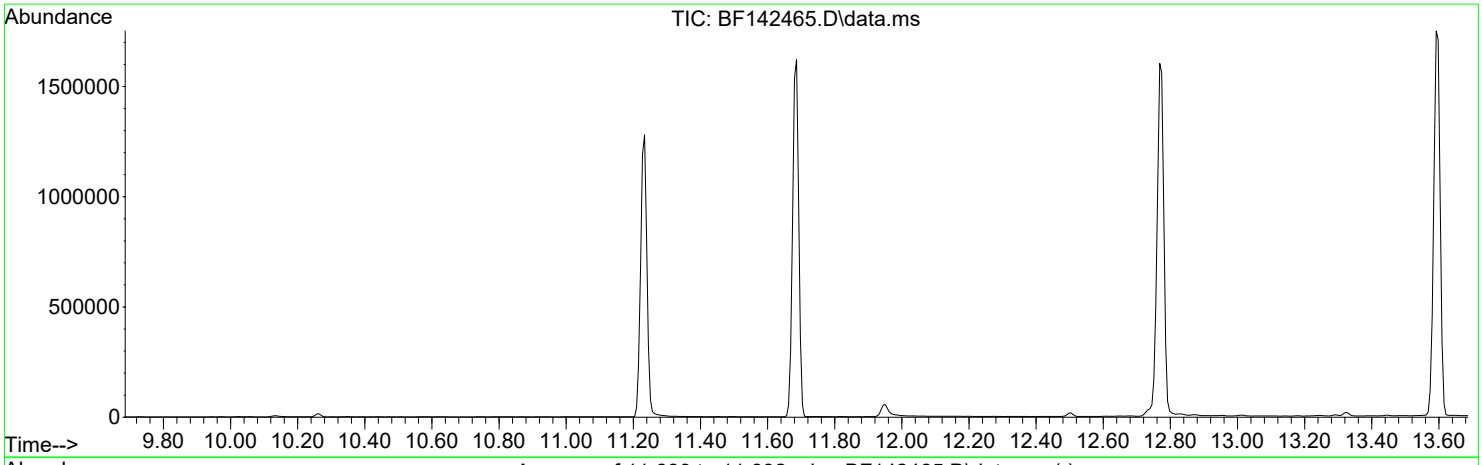
QC SAMPLE DATA

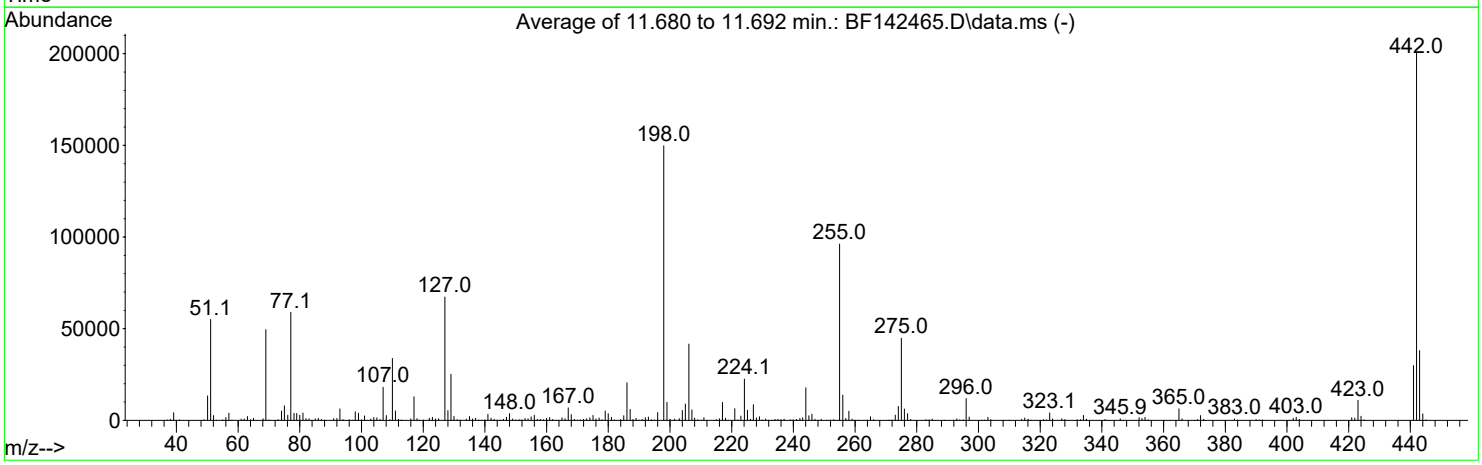
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025





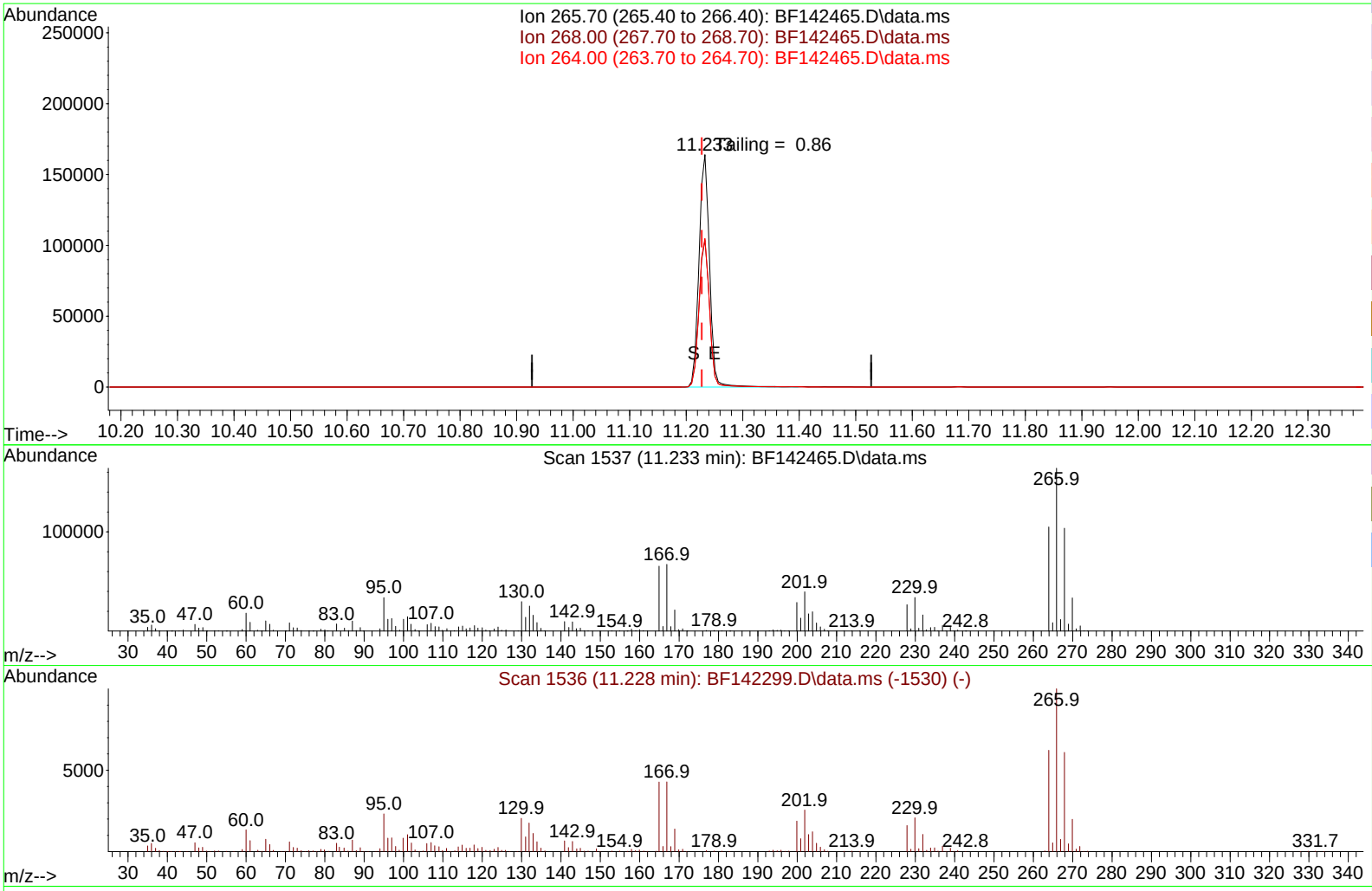
AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.8	55035	PASS
68	69	0.00	2	1.9	918	PASS
69	198	0.00	100	33.1	49499	PASS
70	69	0.00	2	0.5	254	PASS
127	198	10	80	44.9	67277	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	149731	PASS
199	198	5	9	6.6	9853	PASS
275	198	10	60	29.9	44779	PASS
365	198	1	100	4.2	6269	PASS
441	198	0.01	100	19.9	29837	PASS
442	442	50	100	100.0	200661	PASS
443	442	15	24	19.0	38045	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



TIC: BF142465.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.006) 45340.77 ng

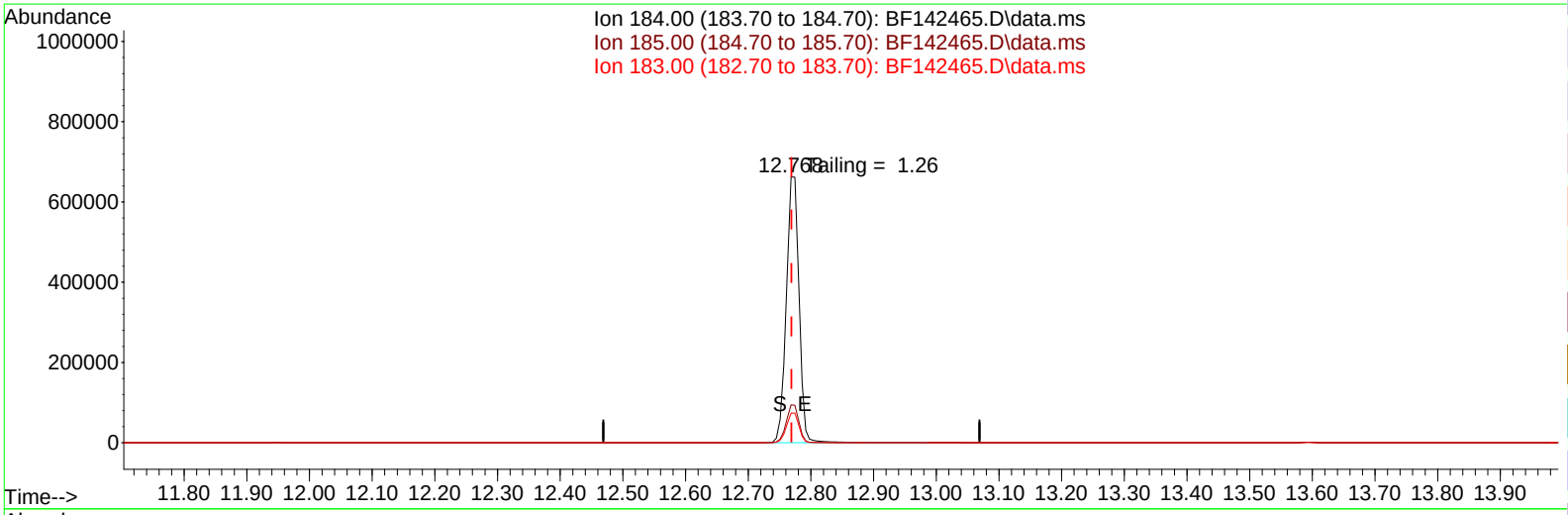
response 213501

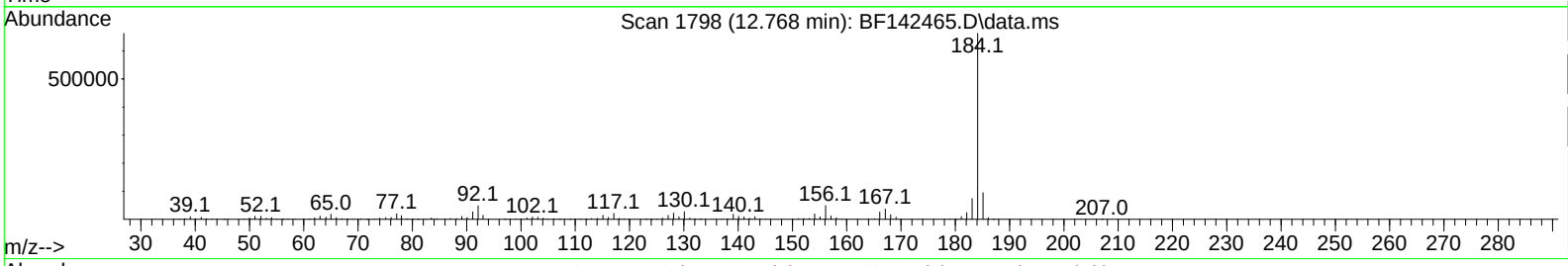
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.21
264.00	62.20	63.93
0.00	0.00	0.00

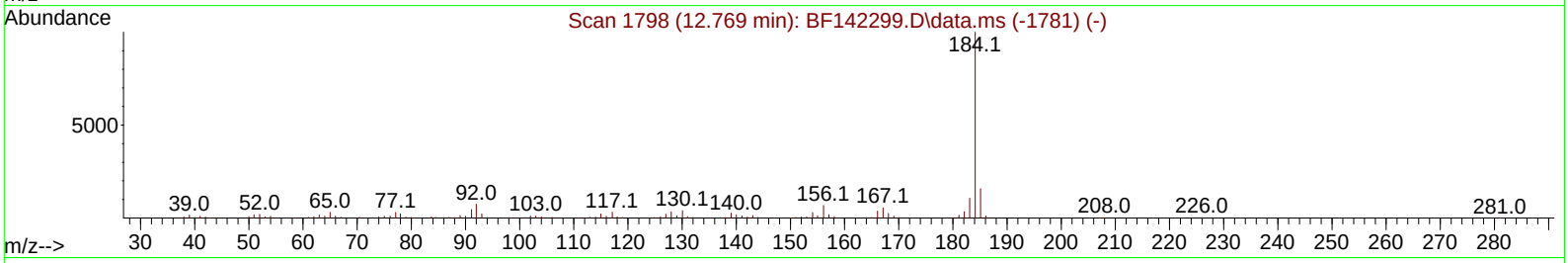
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142465.D\data.ms

(77) Benzidine

12.768min (-0.001) 0.00 ng

response 942414

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.29
183.00	10.70	11.15
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

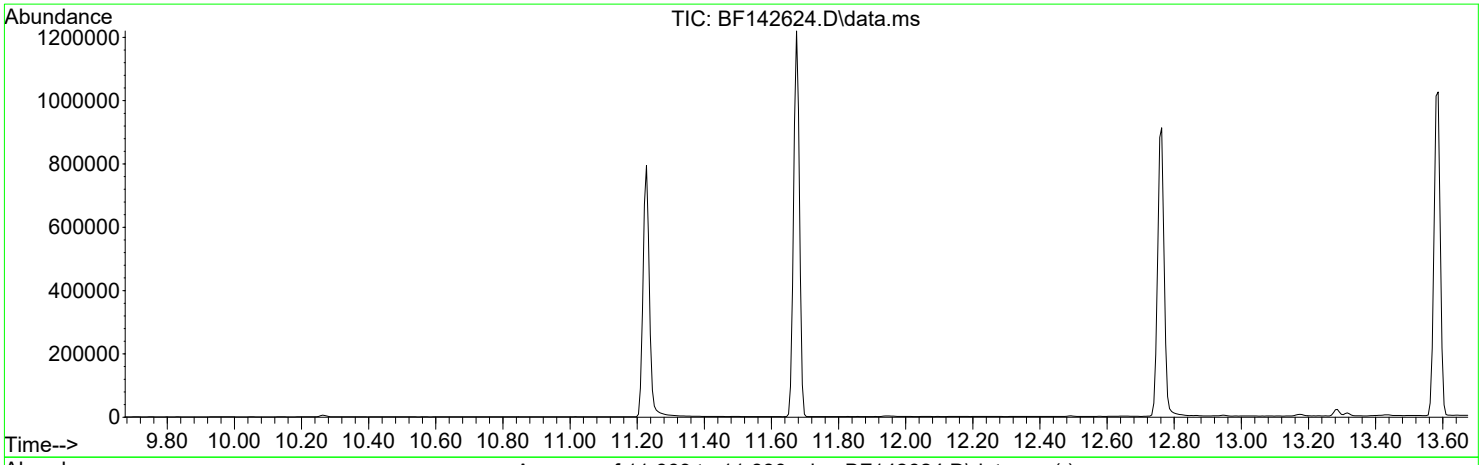
Date	Instrument Name	DFTPP Data File
5/20/2025	BNA_F	BF142465.D
Compound Name	**Response**	**Retention Time**
DDT	467874	13.598
DDD	6363	13.327
DDE	709	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7072	474946	1.49

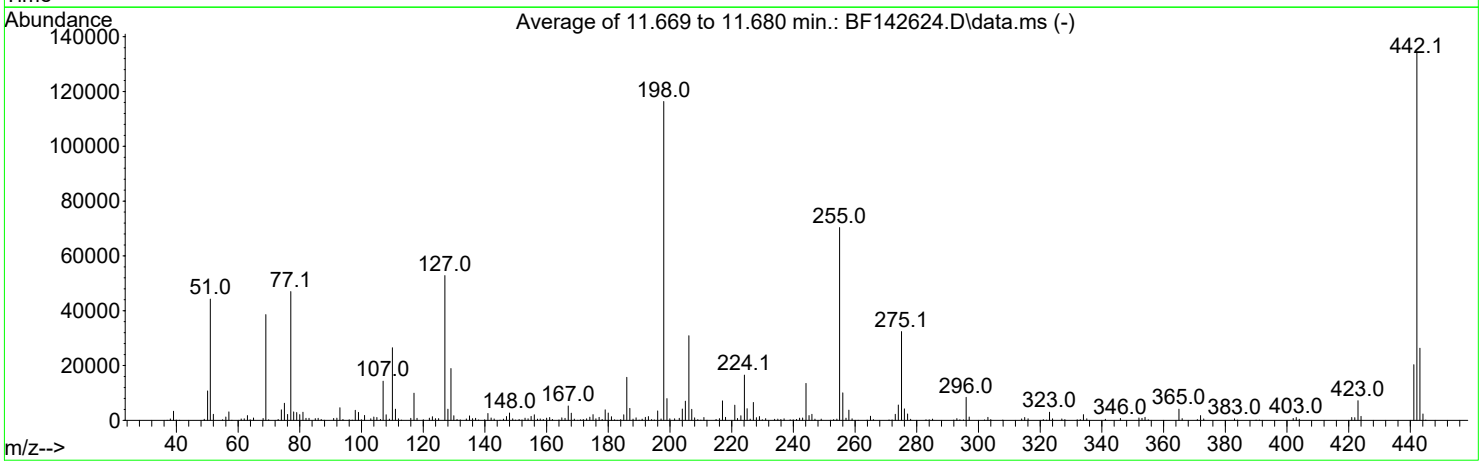
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142624.D
Acq On : 05 Jun 2025 09:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025





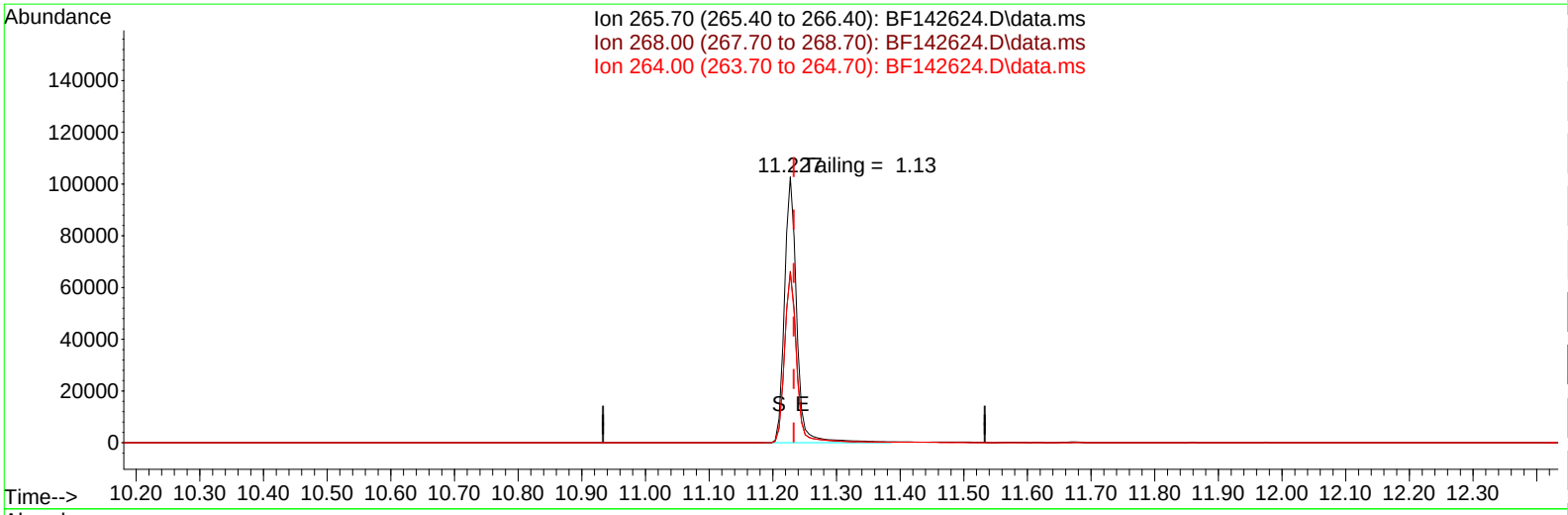
AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

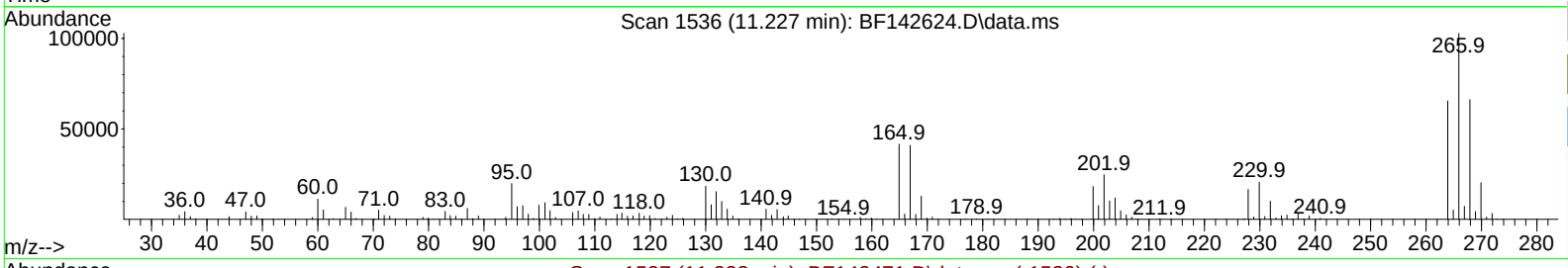
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.0	44267	PASS
68	69	0.00	2	1.8	691	PASS
69	198	0.00	100	33.2	38579	PASS
70	69	0.00	2	0.6	236	PASS
127	198	10	80	45.4	52819	PASS
197	198	0.00	2	0.5	550	PASS
198	198	100	100	100.0	116347	PASS
199	198	5	9	6.8	7924	PASS
275	198	10	60	27.9	32424	PASS
365	198	1	100	3.5	4075	PASS
441	198	0.01	100	17.5	20310	PASS
442	442	50	100	100.0	134237	PASS
443	442	15	24	19.6	26320	PASS

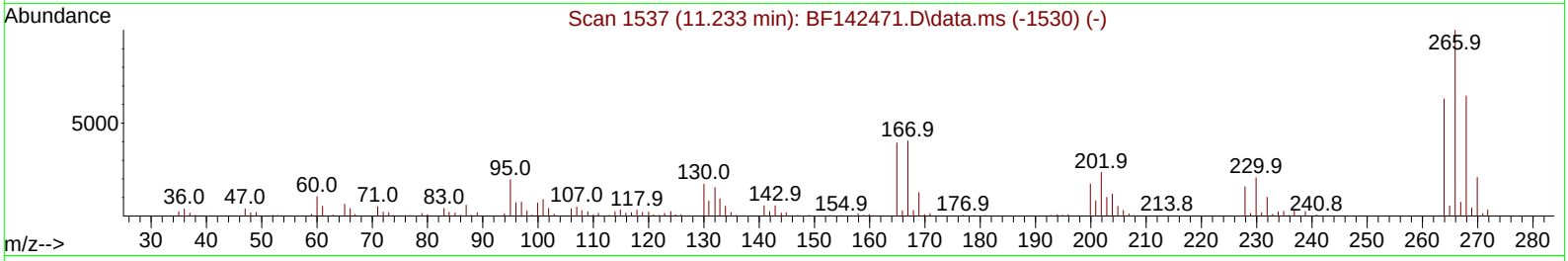
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142624.D
Acq On : 05 Jun 2025 09:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 05 12:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142624.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.006) 0.00 ng

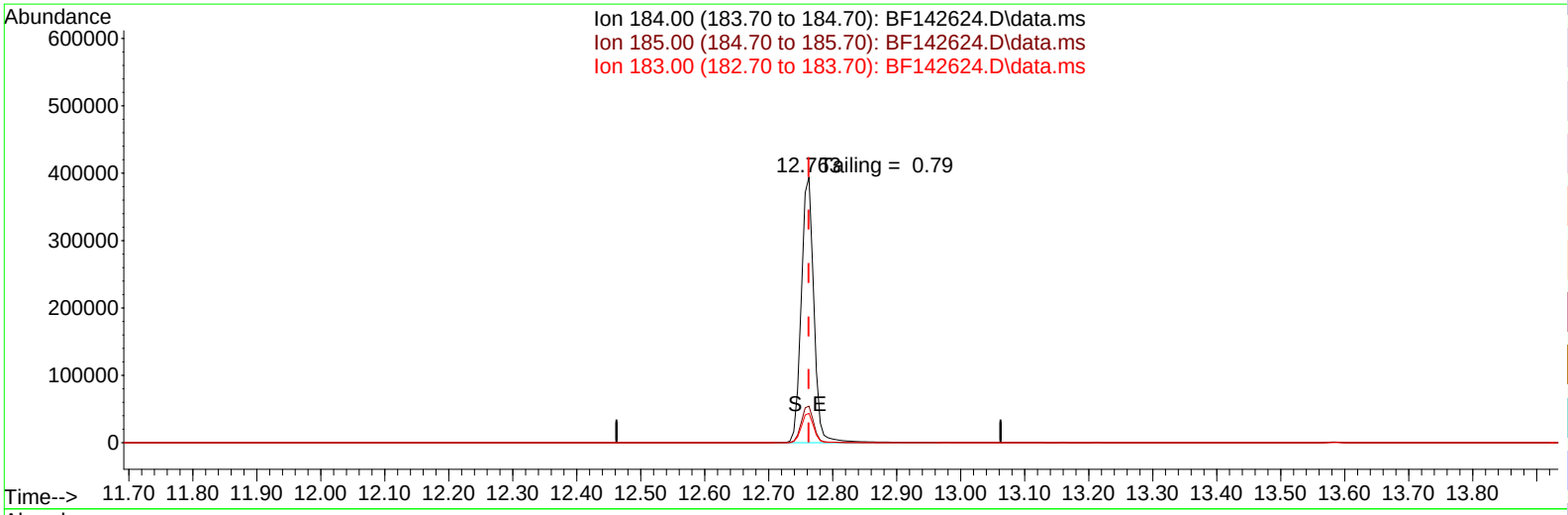
response 138743

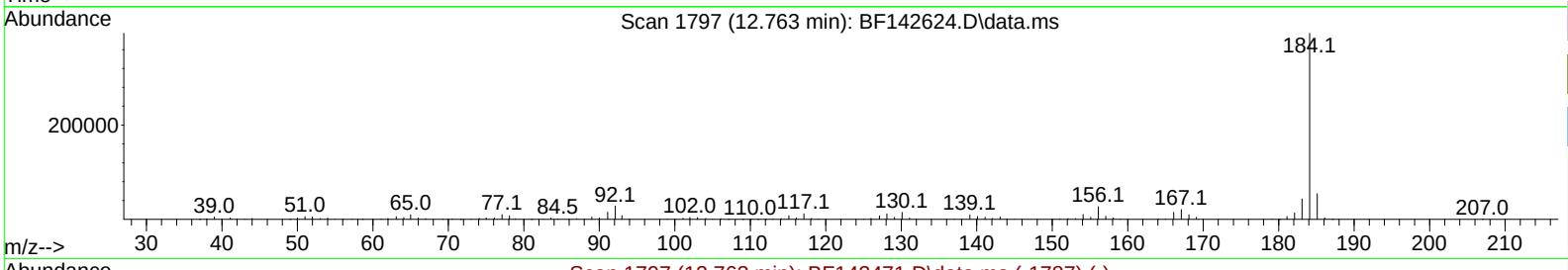
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	64.43
264.00	63.00	63.68
0.00	0.00	0.00

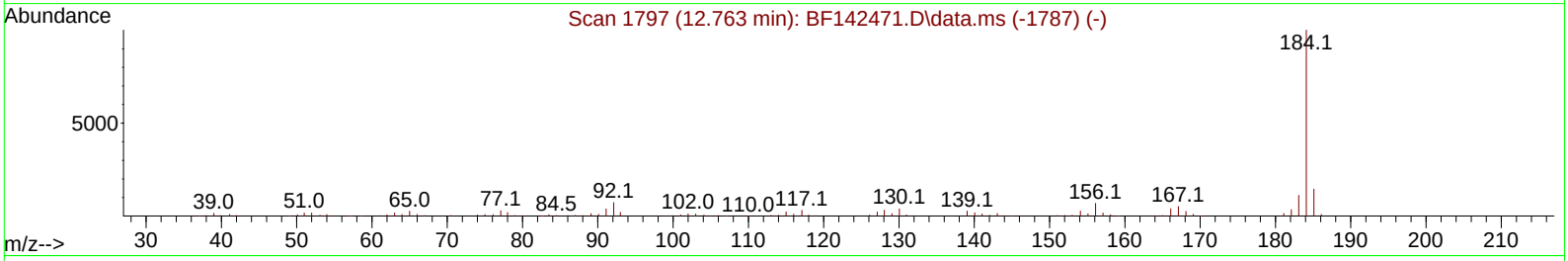
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142624.D
Acq On : 05 Jun 2025 09:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 05 12:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142624.D\data.ms

(77) Benzidine

12.763min (+ 0.000) 0.00 ng

response 543002

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	13.80
183.00	11.20	11.04
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

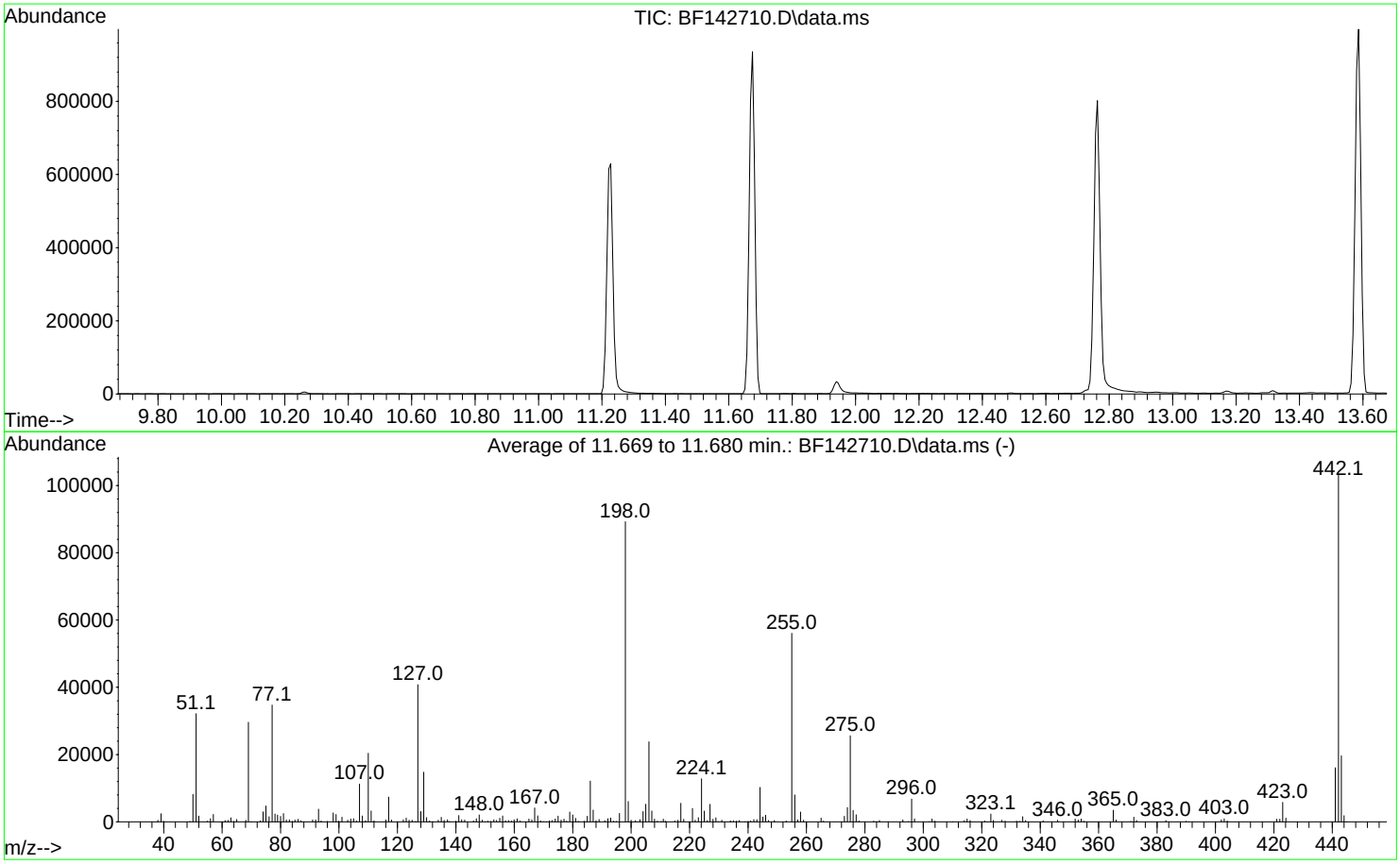
Date	Instrument Name	DFTPP Data File
6/3/2025	BNA_F	BF142624.D
Compound Name	**Response**	**Retention Time**
DDT	279286	13.586
DDD	6433	13.286
DDE	730	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7163	286449	2.50

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
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-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025



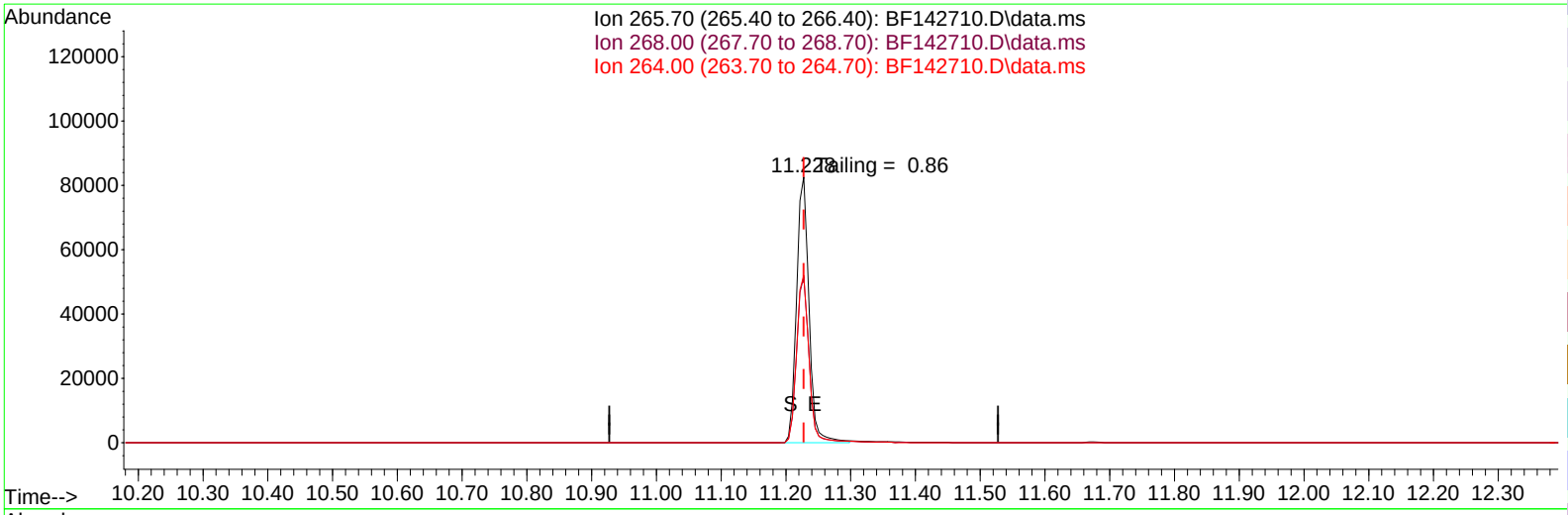
AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

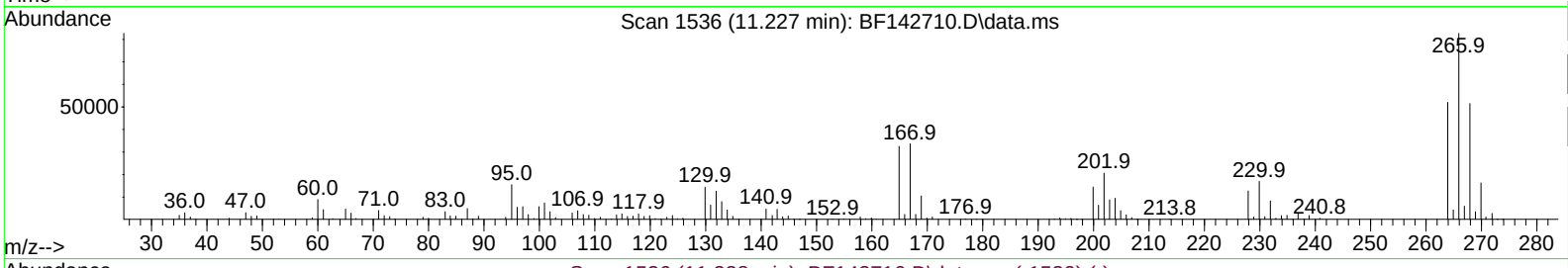
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.0	32160	PASS
68	69	0.00	2	1.7	514	PASS
69	198	0.00	100	33.2	29603	PASS
70	69	0.00	2	0.2	55	PASS
127	198	10	80	45.7	40781	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	89240	PASS
199	198	5	9	6.8	6083	PASS
275	198	10	60	28.7	25613	PASS
365	198	1	100	3.9	3449	PASS
441	198	0.01	100	18.0	16079	PASS
442	442	50	100	100.0	103267	PASS
443	442	15	24	19.0	19634	PASS

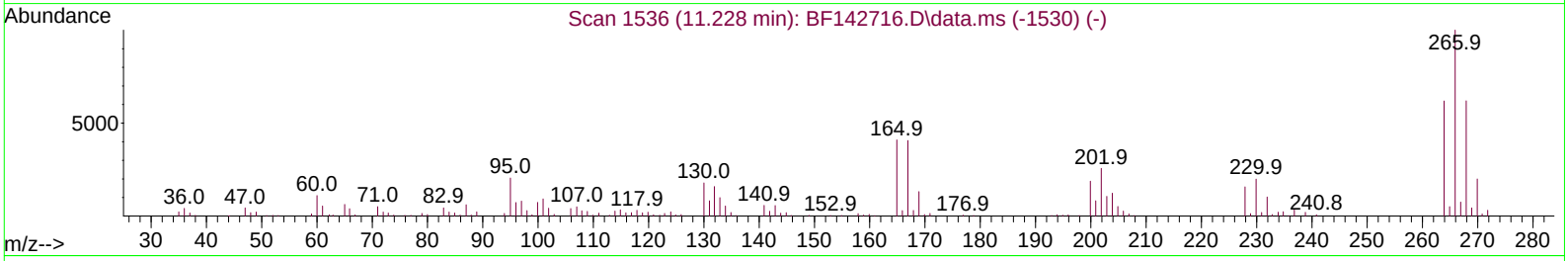
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 06:08:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142710.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.000) 33796.57 ng

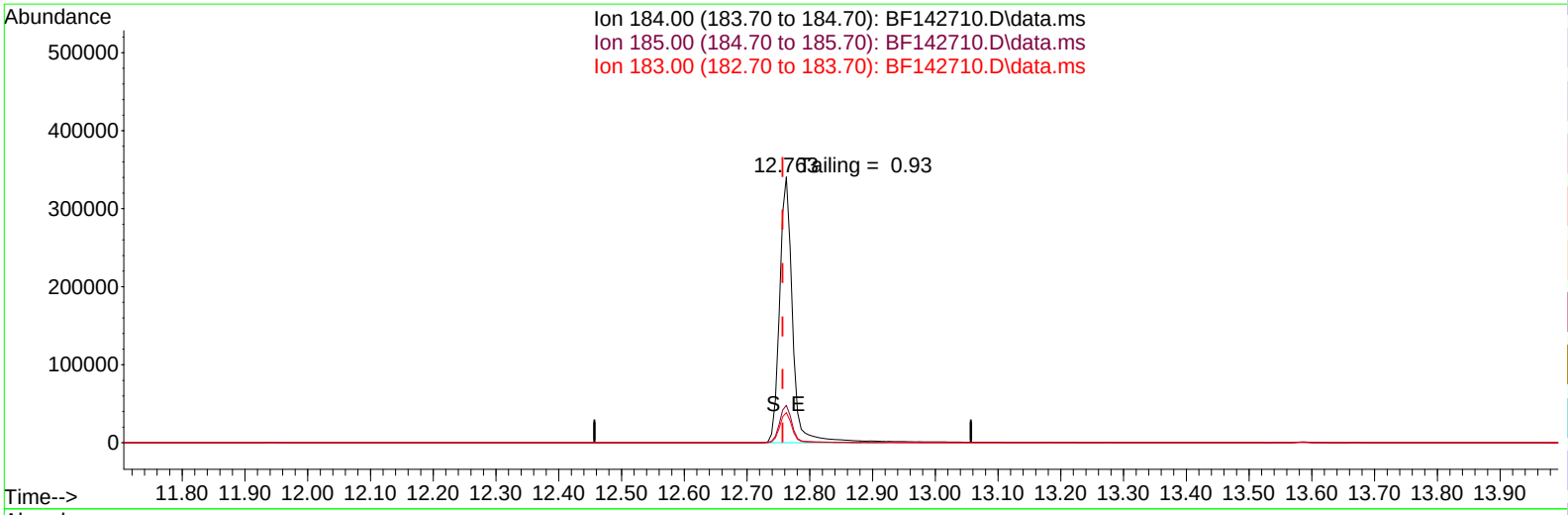
response 112116

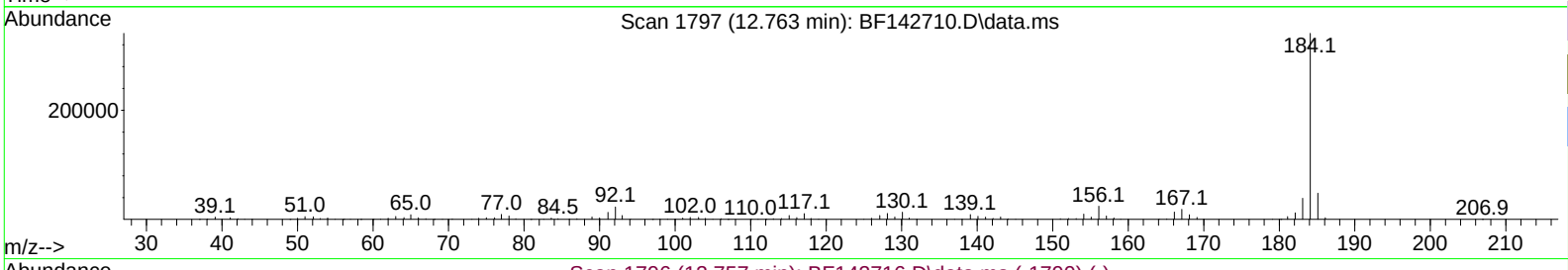
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	62.35
264.00	61.90	62.95
0.00	0.00	0.00

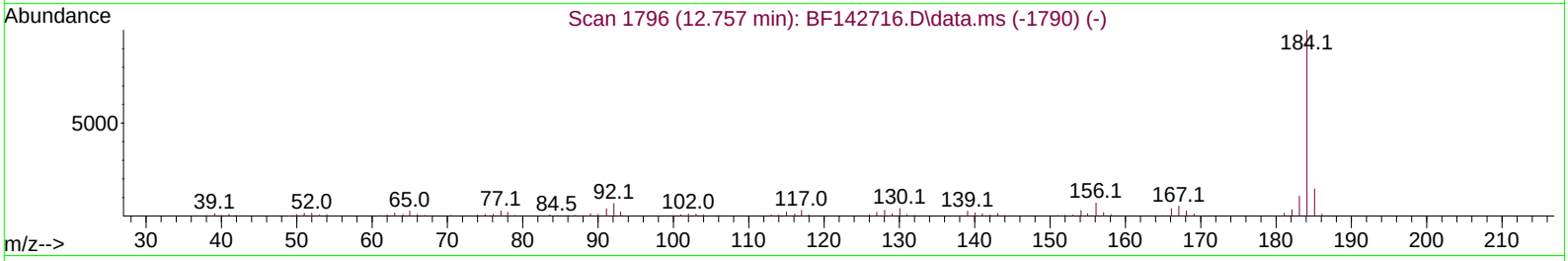
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 06:08:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142710.D\data.ms

(77) Benzidine

12.763min (+ 0.006) 0.00 ng

response 494727

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.07
183.00	10.70	11.33
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

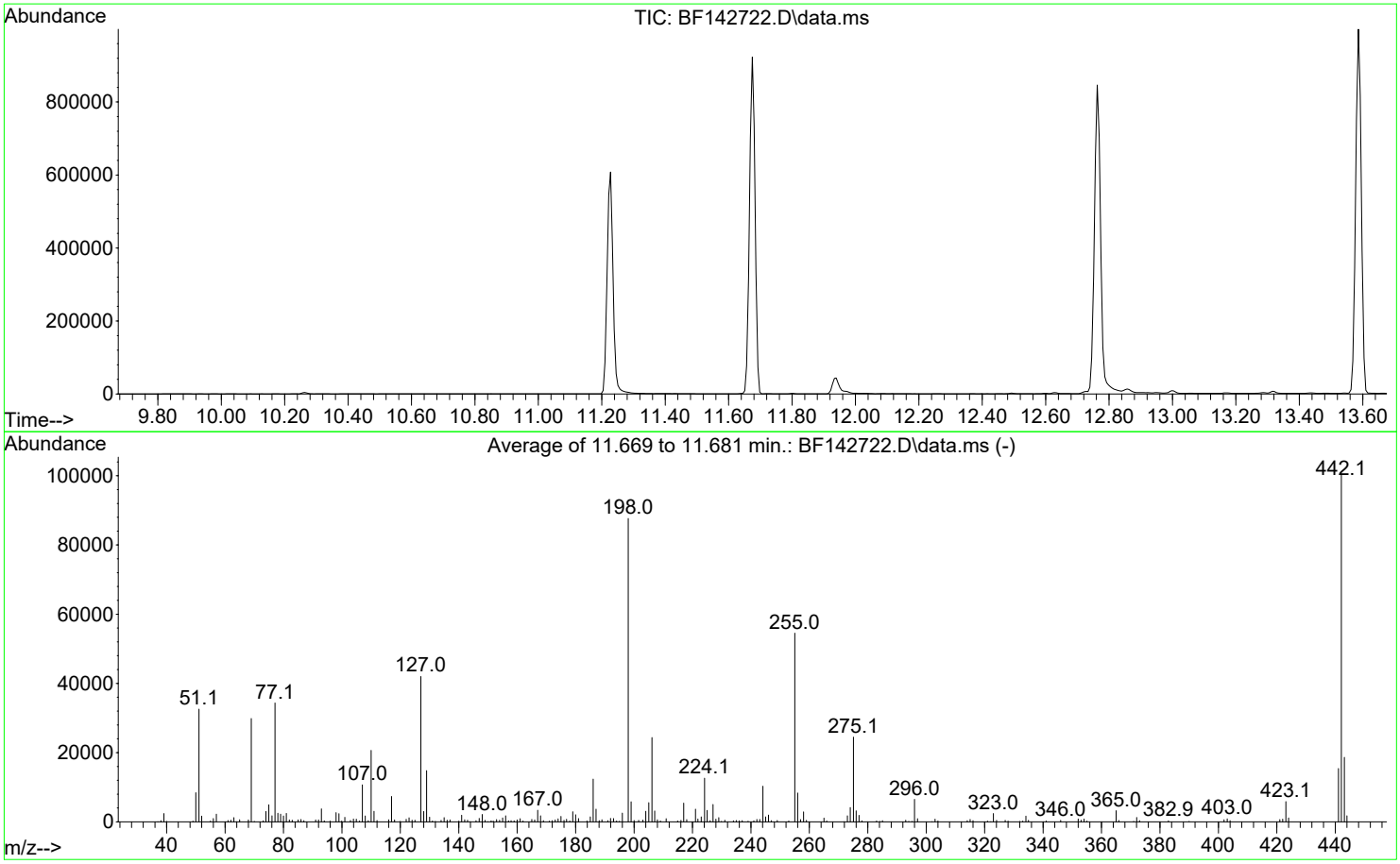
Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_F	BF142710.D
Compound Name	**Response**	**Retention Time**
DDT	258255	13.586
DDD	3816	13.316
DDE	597	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4413	262668	1.68

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
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-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025



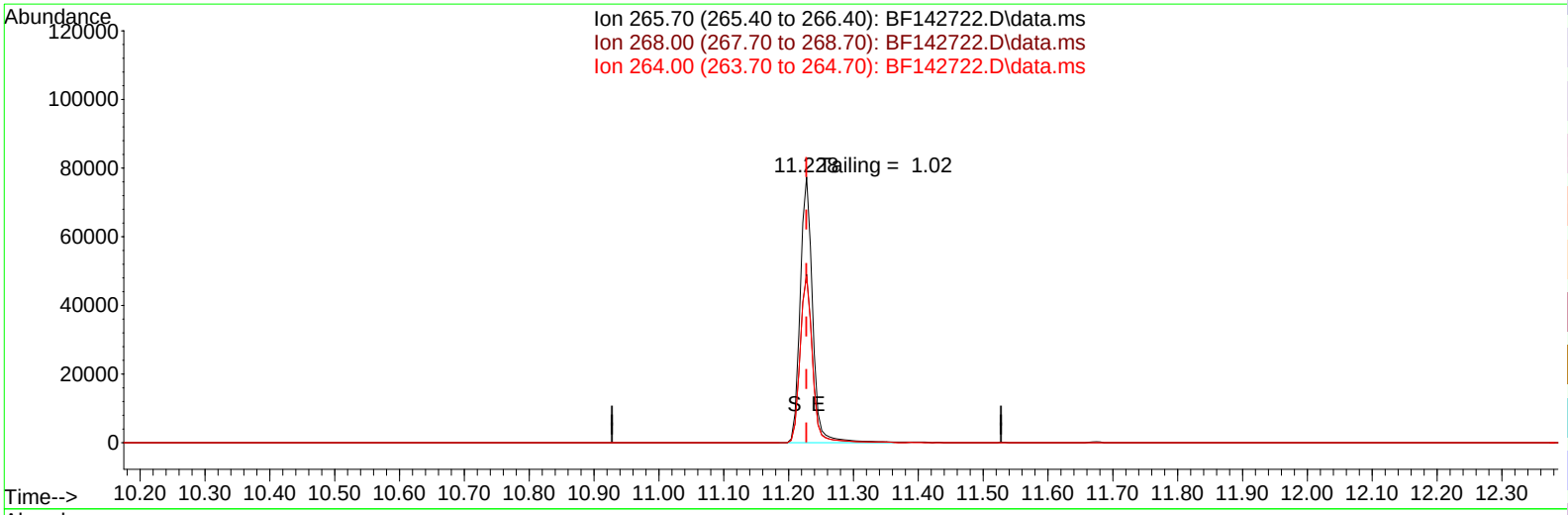
AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

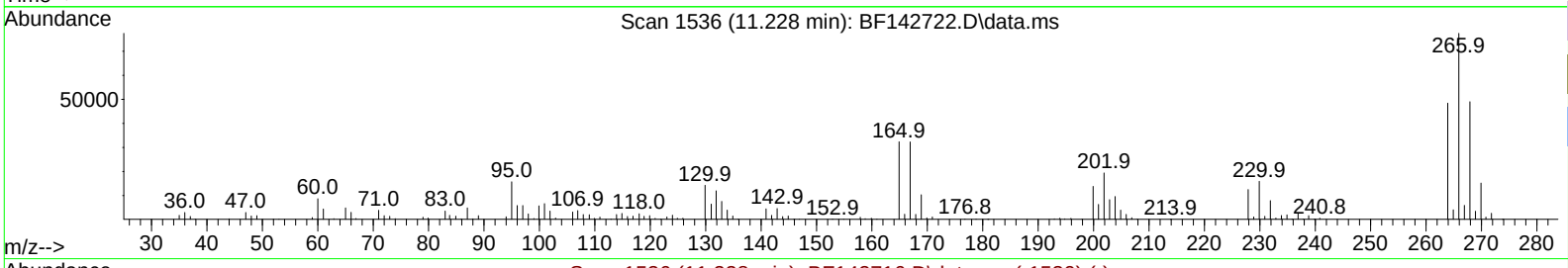
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.2	32576	PASS
68	69	0.00	2	1.9	580	PASS
69	198	0.00	100	34.1	29851	PASS
70	69	0.00	2	0.4	124	PASS
127	198	10	80	47.9	41997	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	87651	PASS
199	198	5	9	6.6	5826	PASS
275	198	10	60	27.9	24485	PASS
365	198	1	100	3.7	3221	PASS
441	198	0.01	100	17.6	15408	PASS
442	442	50	100	100.0	100365	PASS
443	442	15	24	18.6	18630	PASS

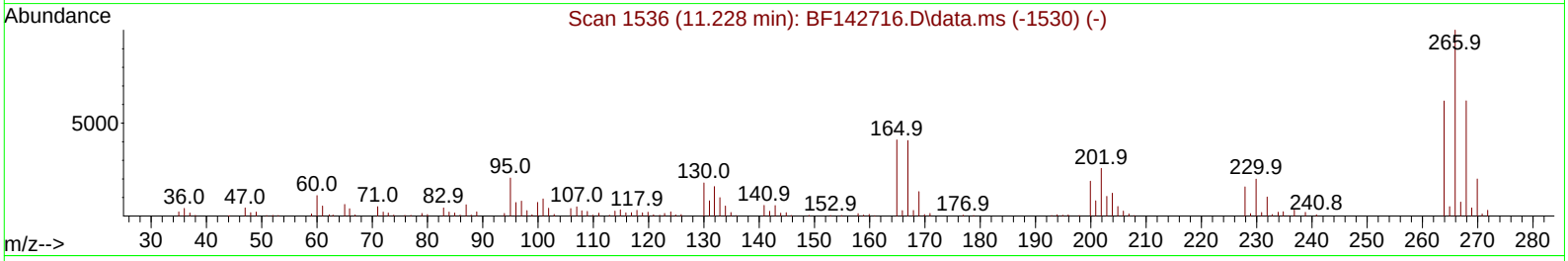
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 11:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142722.D\data.ms

(70) Pentachlorophenol (C)

11.228min (+ 0.000) 36233.28 ng

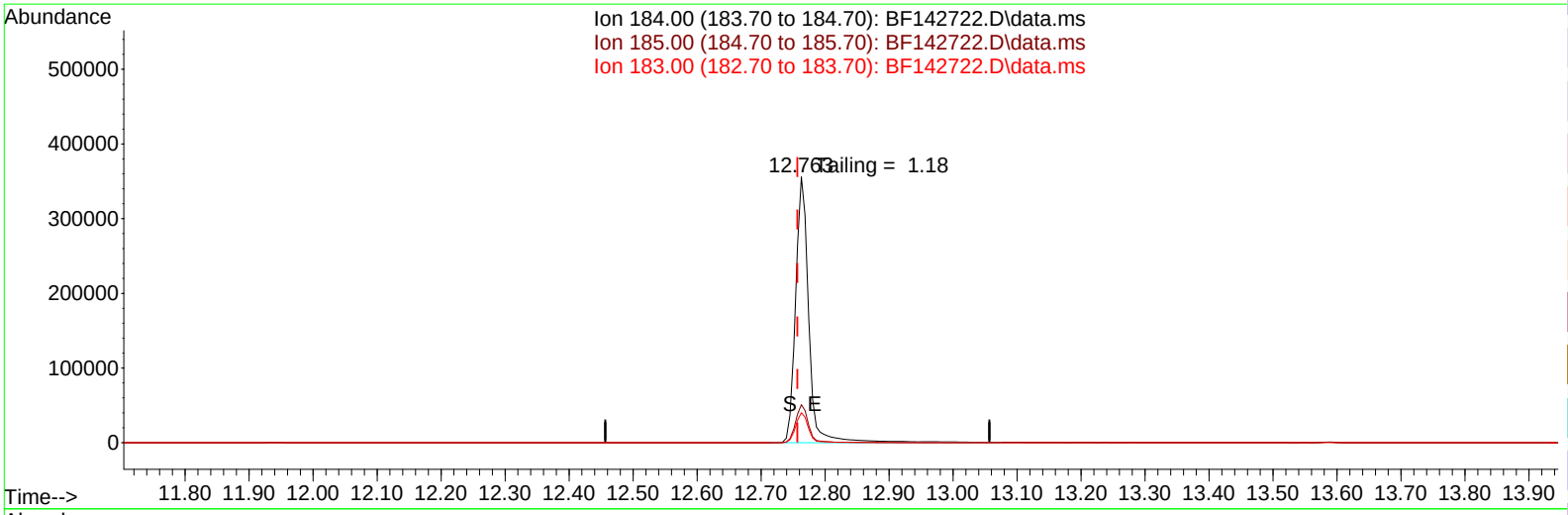
response 103277

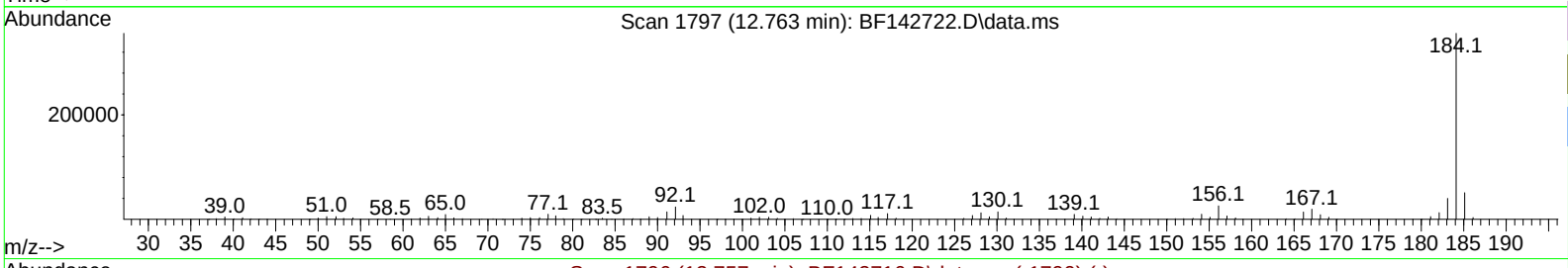
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	63.33
264.00	61.90	62.55
0.00	0.00	0.00

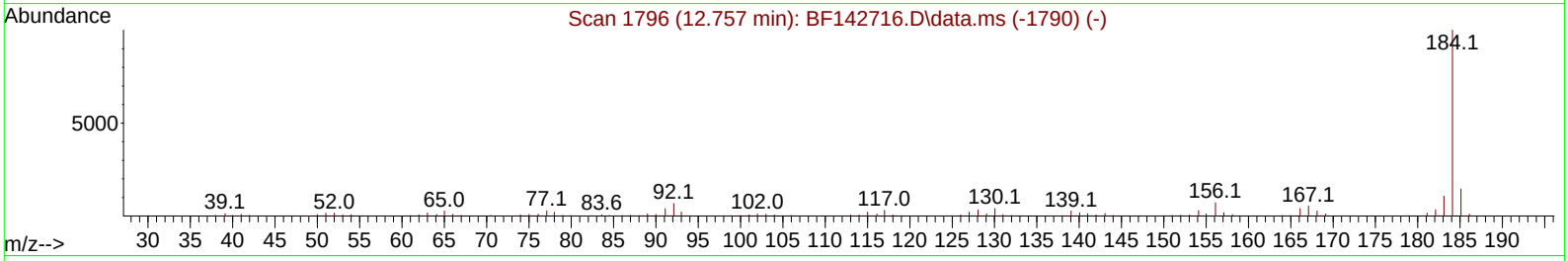
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 11:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142722.D\data.ms

(77) Benzidine

12.763min (+ 0.006) 11814.89 ng

response 510816

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.33
183.00	10.70	11.31
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_F	BF142722.D
Compound Name	**Response**	**Retention Time**
DDT	254780	13.586
DDD	3377	13.316
DDE	546	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
3923	258703	1.52

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB168285BL	SDG No.:	Q2181
Lab Sample ID:	PB168285BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142626.D	1	06/04/25 11:45	06/05/25 11:04	PB168285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	124		10 - 134	83%	SPK: 150
118-79-6	2,4,6-Tribromophenol	122		44 - 137	82%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.892			
1146-65-2	Naphthalene-d8	467000	8.181			
15067-26-2	Acenaphthene-d10	254000	9.933			
1517-22-2	Phenanthrene-d10	433000	11.421			
1719-03-5	Chrysene-d12	225000	14.068			
1520-96-3	Perylene-d12	234000	15.562			

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\BF060525\
Data File : BF142626.D
Acq On : 05 Jun 2025 11:04
Operator : RC/JU
Sample : PB168285BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Quant Time: Jun 05 11:35:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

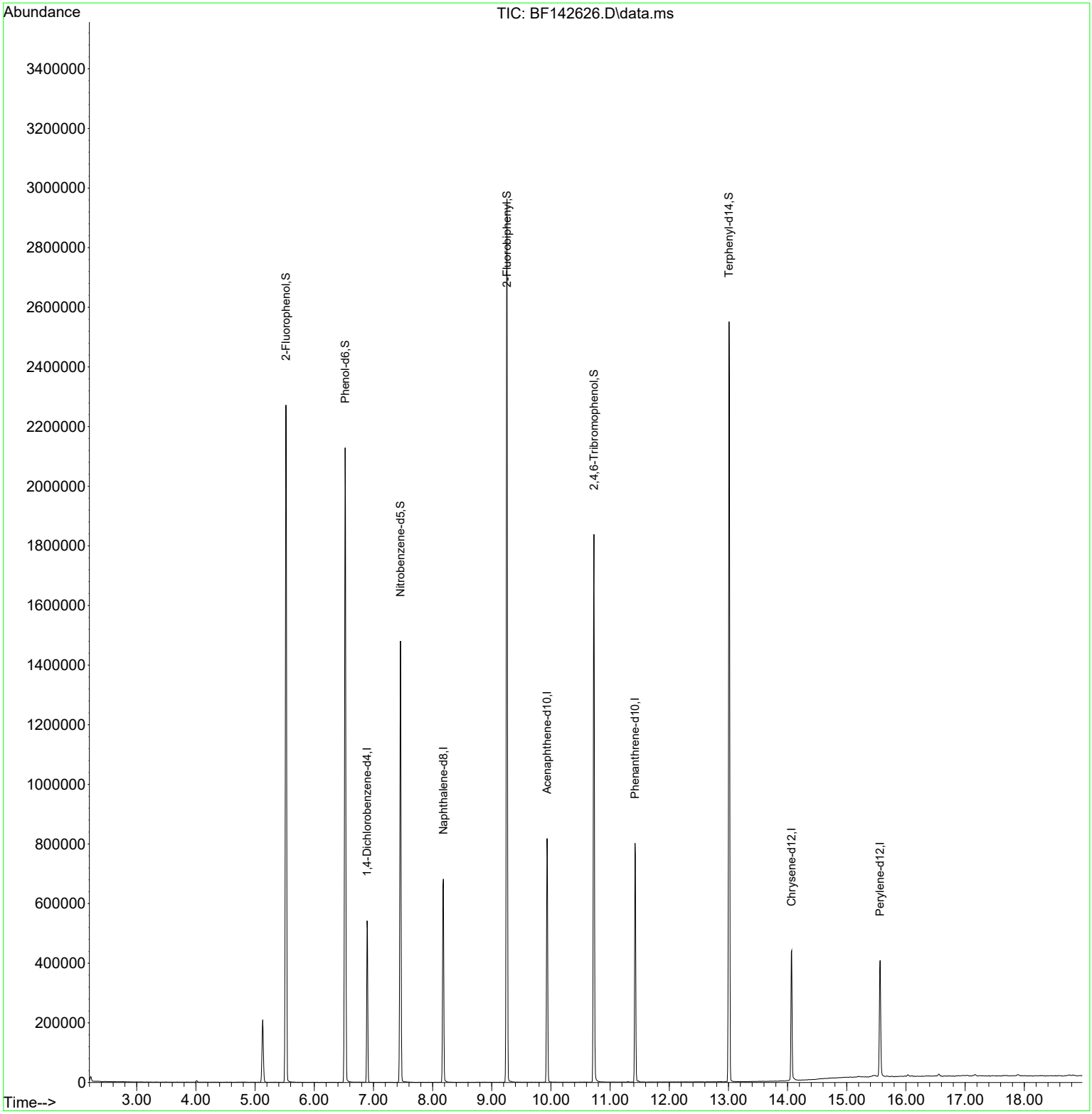
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	122182	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	466755	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	253840	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	433273	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	225137	20.000	ng	0.00
86) Perylene-d12	15.562	264	234045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	907955	125.197	ng	0.00
7) Phenol-d6	6.522	99	1081644	123.901	ng	-0.01
23) Nitrobenzene-d5	7.457	82	672397	78.553	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	344627	122.325	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1422364	75.190	ng	-0.01
79) Terphenyl-d14	13.010	244	1286910	78.113	ng	0.00
Target Compounds						Qvalue

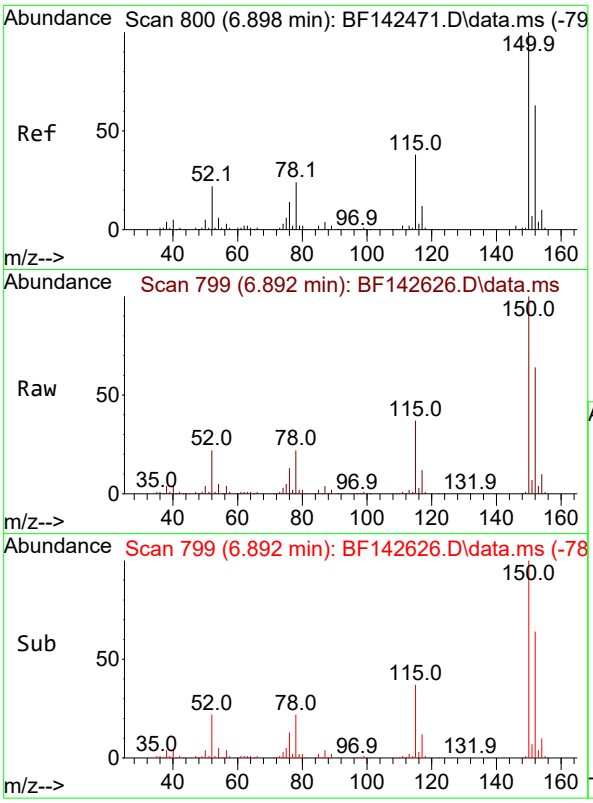
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142626.D
Acq On : 05 Jun 2025 11:04
Operator : RC/JU
Sample : PB168285BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Quant Time: Jun 05 11:35:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



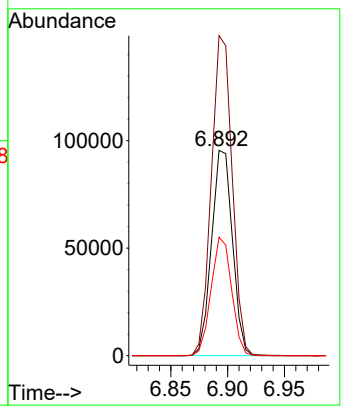


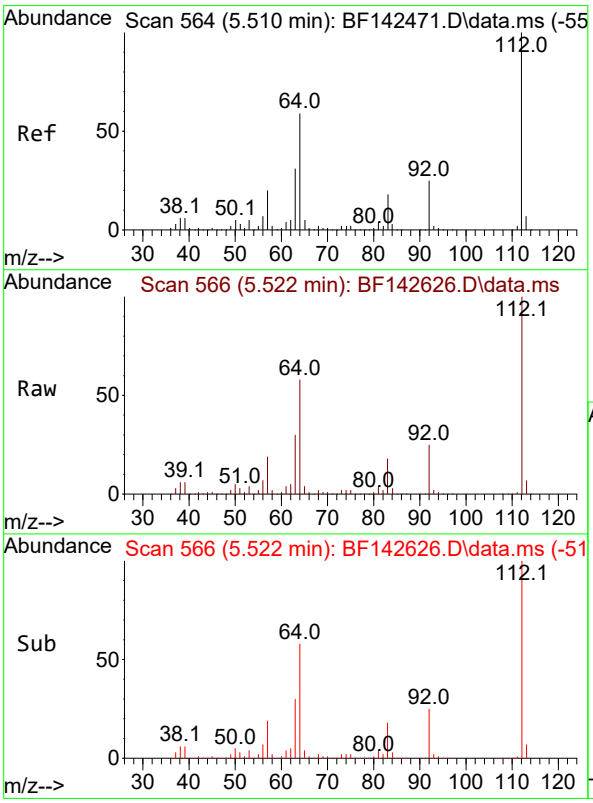
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion:152 Resp: 122182

Ion	Ratio	Lower	Upper
152	100		
150	155.9	128.2	192.4
115	57.7	48.3	72.5

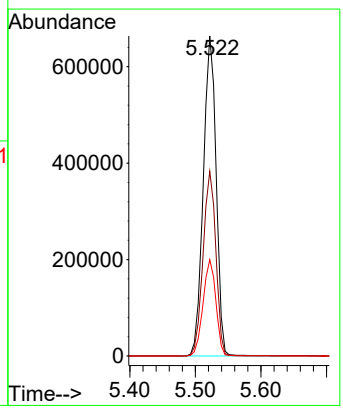


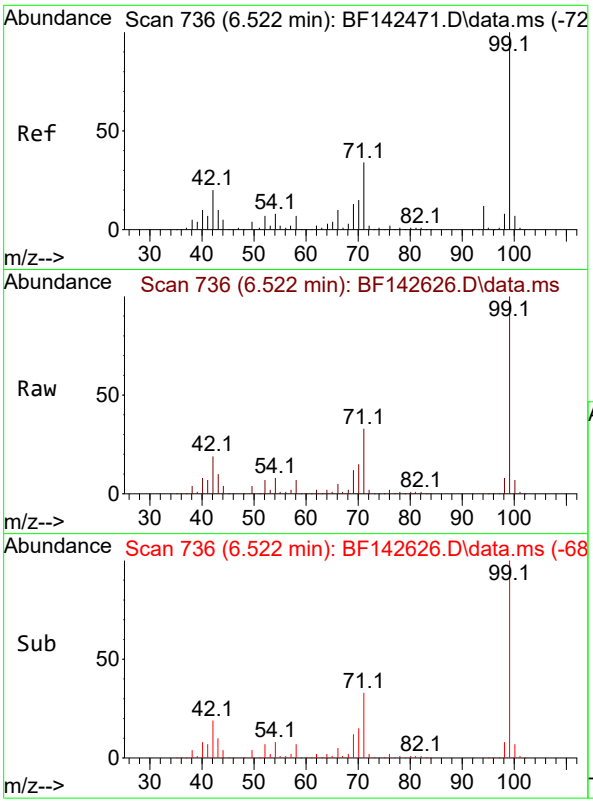


#5
2-Fluorophenol
Concen: 125.197 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:112 Resp: 907955

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.5	71.3
63	30.1	24.9	37.3



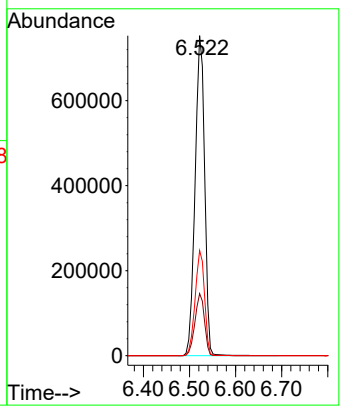


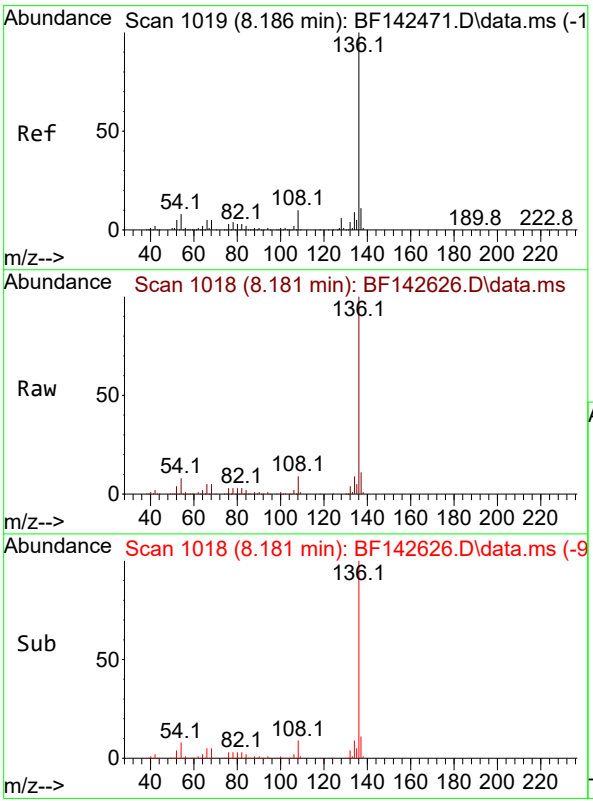
#7
Phenol-d6
Concen: 123.901 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion: 99 Resp: 1081644

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	32.9	27.3	40.9

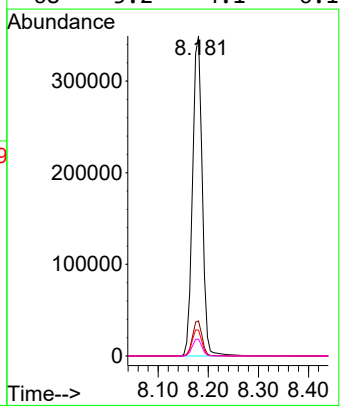


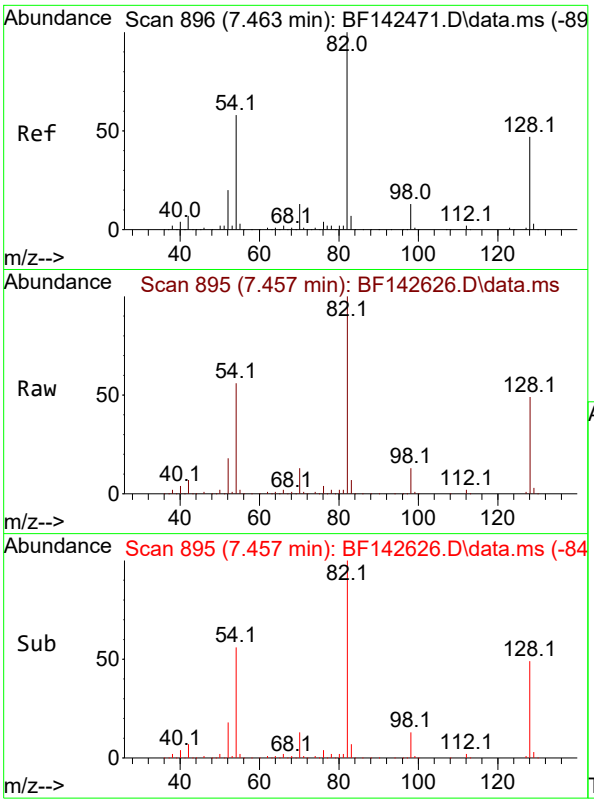


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:136 Resp: 466755

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.1	6.6	10.0
68	5.2	4.1	6.1



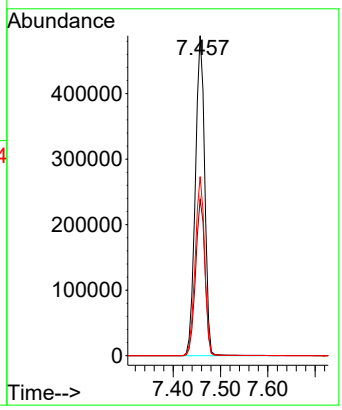


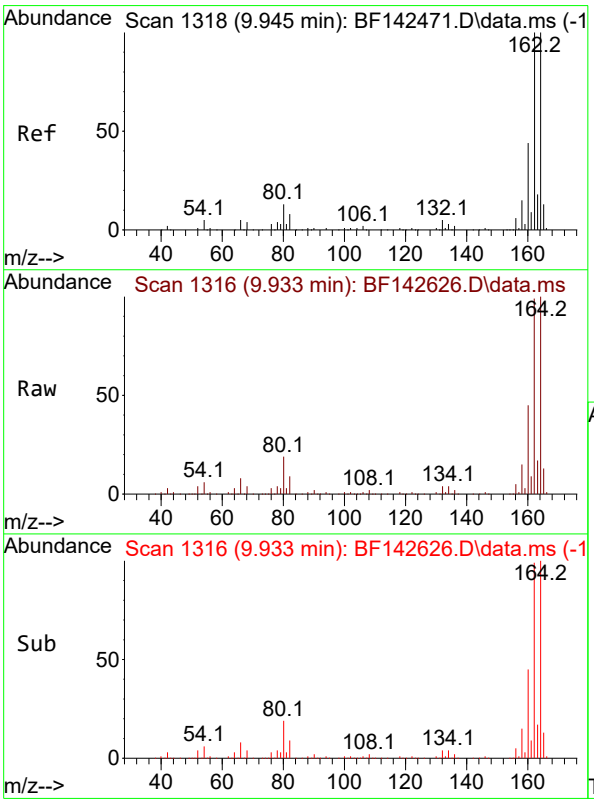
#23
Nitrobenzene-d5
Concen: 78.553 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion: 82 Resp: 672397

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.2
54	55.9	46.6	70.0

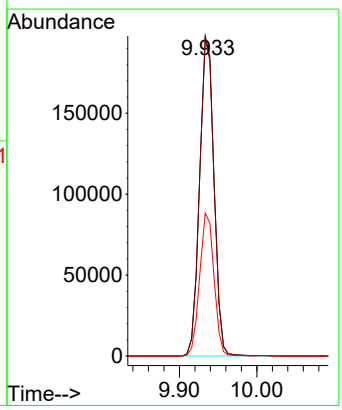


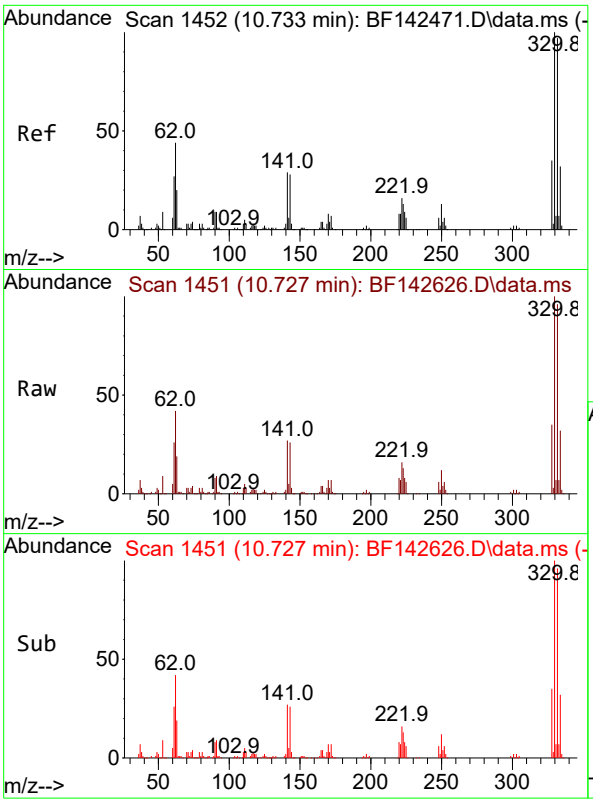


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:164 Resp: 253840

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.4
160	44.6	35.6	53.4



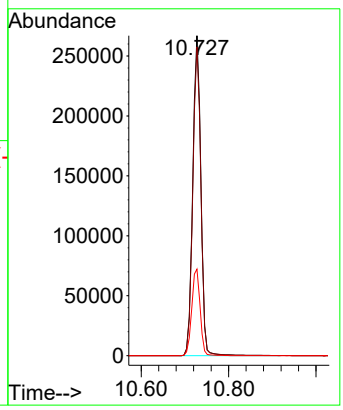


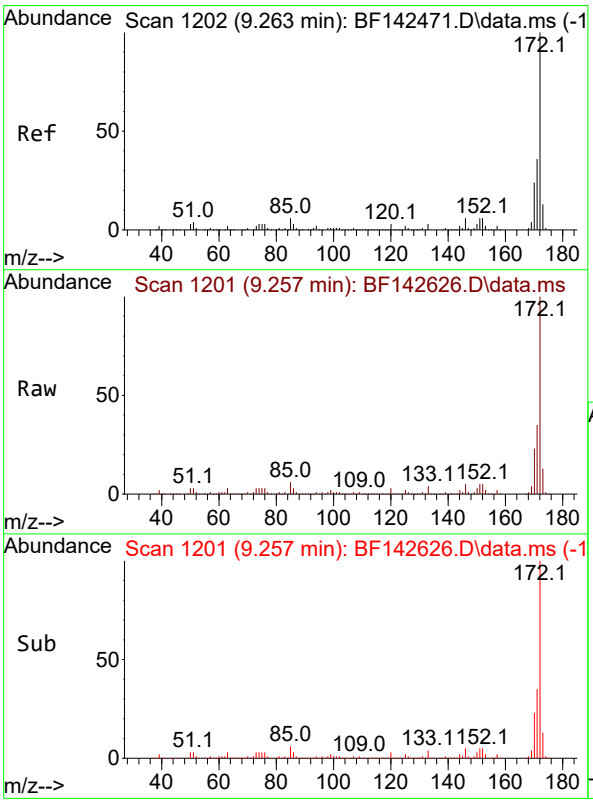
#42
2,4,6-Tribromophenol
Concen: 122.325 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion:330 Resp: 344627

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	27.9	24.6	36.8

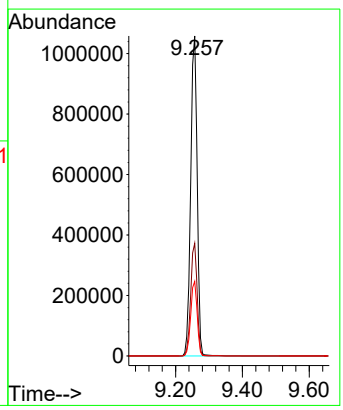


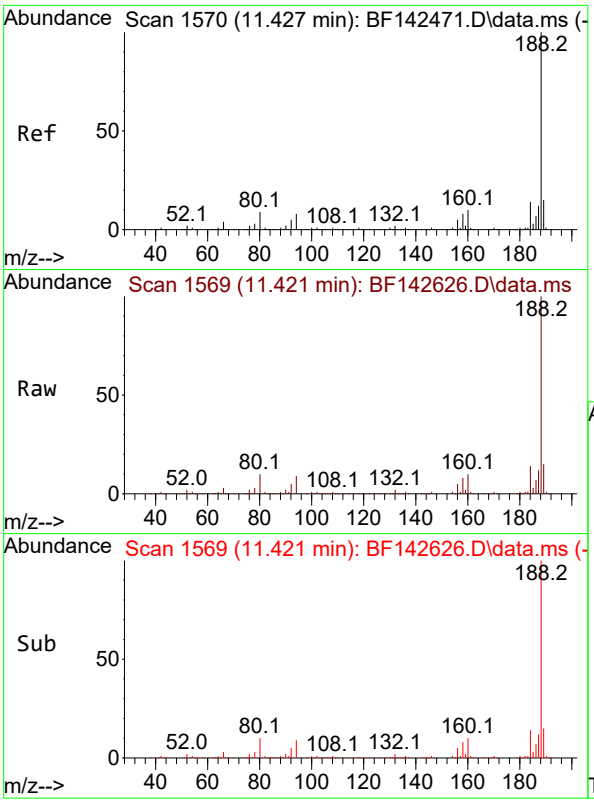


#45
2-Fluorobiphenyl
Concen: 75.190 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:172 Resp: 1422364

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.3	18.9	28.3



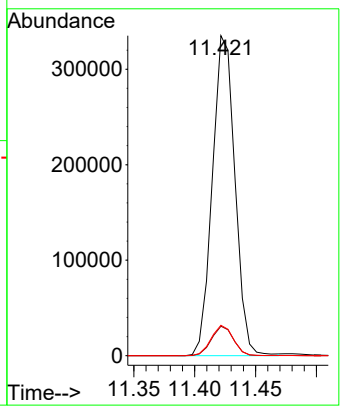


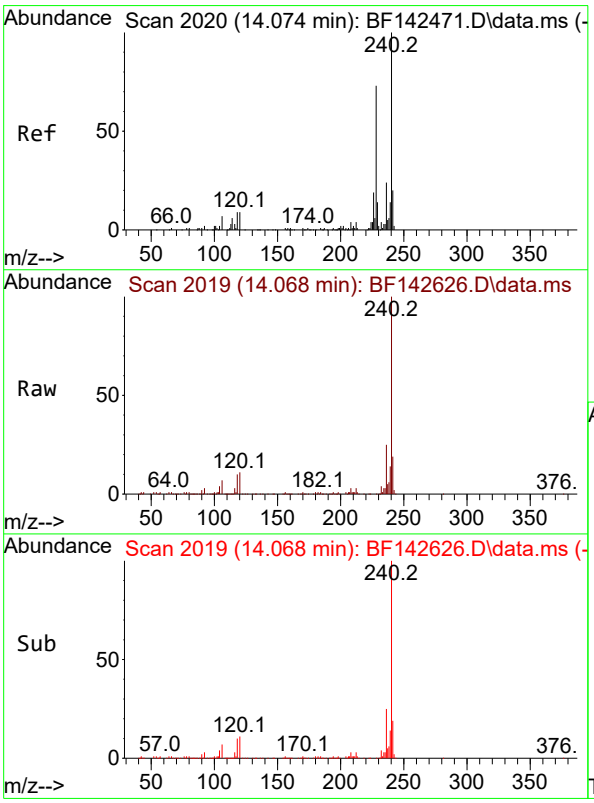
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion:188 Resp: 433273

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.5	7.4	11.0

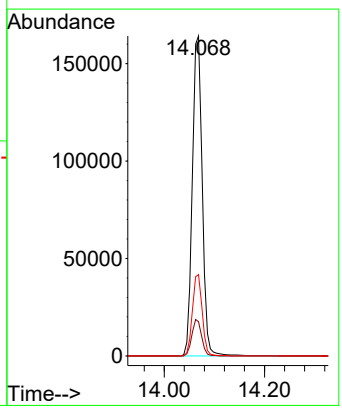


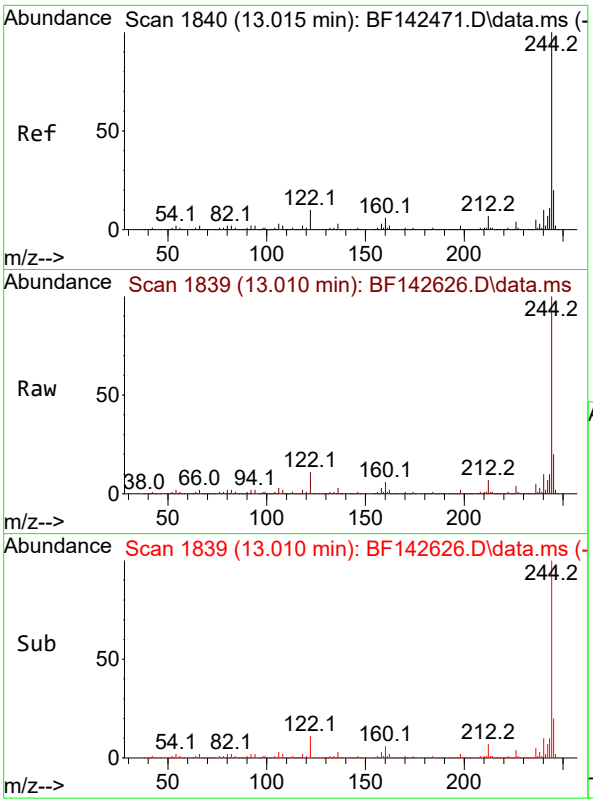


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:240 Resp: 225137

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	25.5	19.6	29.4



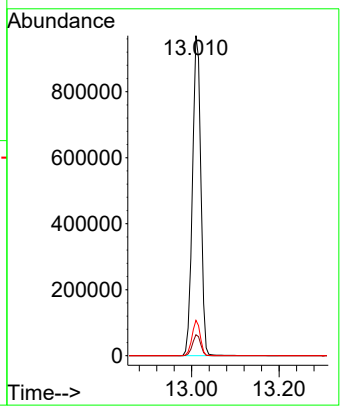


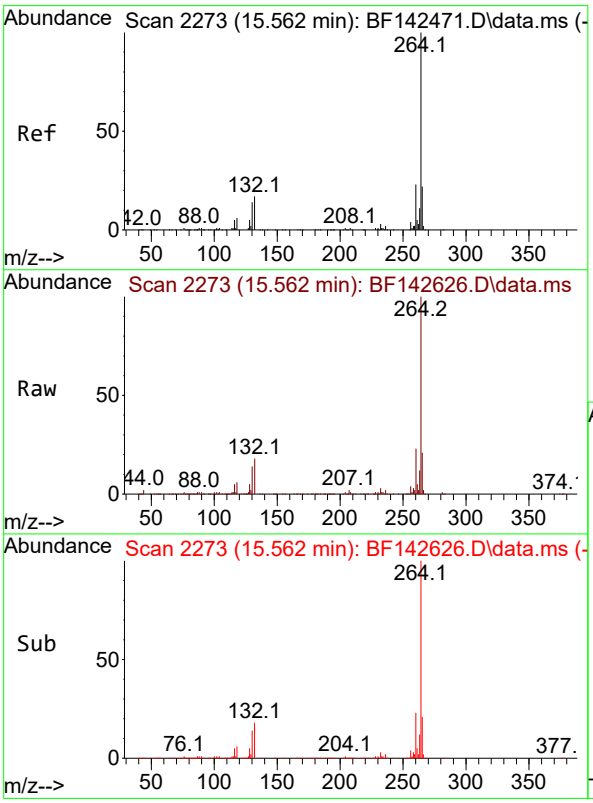
#79
Terphenyl-d14
Concen: 78.113 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion:244 Resp: 1286910

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.0	8.2	12.2

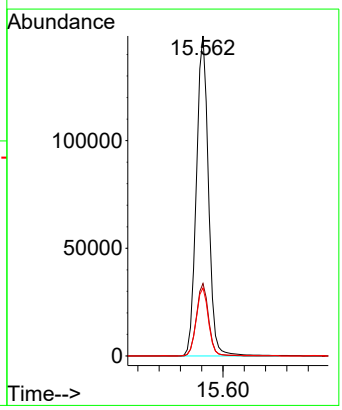




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:264 Resp: 234045

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.2	17.7	26.5



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB168285BS	SDG No.:	Q2181
Lab Sample ID:	PB168285BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142727.D	1	06/04/25 11:45	06/11/25 11:21	PB168285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	45.3		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	85%	SPK: 150
118-79-6	2,4,6-Tribromophenol	129		44 - 137	86%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	75600	6.892			
1146-65-2	Naphthalene-d8	295000	8.175			
15067-26-2	Acenaphthene-d10	163000	9.933			
1517-22-2	Phenanthrene-d10	278000	11.427			
1719-03-5	Chrysene-d12	148000	14.068			
1520-96-3	Perylene-d12	157000	15.562			

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\BF061125\
Data File : BF142727.D
Acq On : 11 Jun 2025 11:21
Operator : RC/JU
Sample : PB168285BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 11:45:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75631	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	294551	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	162704	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	278222	20.000	ng	0.00
76) Chrysene-d12	14.068	240	147780	20.000	ng	0.00
86) Perylene-d12	15.562	264	156697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	557674	125.583	ng	0.02
7) Phenol-d6	6.522	99	663936	127.044	ng	0.00
23) Nitrobenzene-d5	7.457	82	418857	77.824	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	230898	129.484	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	933481	76.223	ng	0.00
79) Terphenyl-d14	13.010	244	879635	81.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	64643	36.783	ng	100
3) Pyridine	3.516	79	178507	40.510	ng	99
4) n-Nitrosodimethylamine	3.475	42	99969	44.341	ng	98
6) Aniline	6.557	93	222608	31.826	ng	97
8) 2-Chlorophenol	6.675	128	222610	45.872	ng	99
9) Benzaldehyde	6.439	77	104049	32.151	ng	98
10) Phenol	6.539	94	256115	44.090	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	191831	44.212	ng	98
12) 1,3-Dichlorobenzene	6.834	146	238872	43.132	ng	99
13) 1,4-Dichlorobenzene	6.910	146	240362	42.945	ng	99
14) 1,2-Dichlorobenzene	7.063	146	233854	43.588	ng	99
15) Benzyl Alcohol	7.034	79	178579	45.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	294148	43.059	ng	92
17) 2-Methylphenol	7.145	107	169079	45.448	ng	99
18) Hexachloroethane	7.404	117	87092	43.420	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	145357	43.690	ng	98
20) 3+4-Methylphenols	7.298	107	213736	45.571	ng	99
22) Acetophenone	7.304	105	289978	44.257	ng	99
24) Nitrobenzene	7.475	77	212823	44.554	ng	99
25) Isophorone	7.716	82	399446	43.834	ng	99
26) 2-Nitrophenol	7.792	139	122967	46.127	ng	99
27) 2,4-Dimethylphenol	7.828	122	205753	45.332	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	250547	44.284	ng	99
29) 2,4-Dichlorophenol	8.033	162	190058	45.374	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	202914	43.839	ng	100
31) Naphthalene	8.198	128	637437	43.758	ng	99
32) Benzoic acid	7.957	122	127508	49.883	ng	98
33) 4-Chloroaniline	8.245	127	83575	14.289	ng	98
34) Hexachlorobutadiene	8.316	225	127185	43.120	ng	98
35) Caprolactam	8.622	113	56567m	50.029	ng	
36) 4-Chloro-3-methylphenol	8.733	107	195715	44.935	ng	100
37) 2-Methylnaphthalene	8.892	142	399320	43.308	ng	98
38) 1-Methylnaphthalene	8.992	142	421083	44.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	210701	44.743	ng	99
41) Hexachlorocyclopentadiene	9.045	237	273896	90.621	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	142414	46.719	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142727.D
Acq On : 11 Jun 2025 11:21
Operator : RC/JU
Sample : PB168285BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 11:45:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	147700	44.861	ng	98
46) 1,1'-Biphenyl	9.357	154	559102	44.253	ng	100
47) 2-Chloronaphthalene	9.380	162	412111	44.275	ng	100
48) 2-Nitroaniline	9.475	65	120048	45.346	ng	99
49) Acenaphthylene	9.798	152	701774	44.715	ng	100
50) Dimethylphthalate	9.657	163	497771	45.814	ng	100
51) 2,6-Dinitrotoluene	9.722	165	108743	46.308	ng	97
52) Acenaphthene	9.969	154	489115	50.265	ng	99
53) 3-Nitroaniline	9.886	138	66608	26.152	ng	99
54) 2,4-Dinitrophenol	9.998	184	139520	108.465	ng	91
55) Dibenzofuran	10.145	168	615212	44.398	ng	99
56) 4-Nitrophenol	10.051	139	170781	98.864	ng	96
57) 2,4-Dinitrotoluene	10.127	165	149112	48.027	ng	98
58) Fluorene	10.486	166	480108	43.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	127700	46.103	ng	100
60) Diethylphthalate	10.357	149	500364	46.443	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	235568	44.082	ng	99
62) 4-Nitroaniline	10.510	138	108265	47.514	ng	99
63) Azobenzene	10.639	77	421629	44.810	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	83683	48.031	ng	96
66) n-Nitrosodiphenylamine	10.598	169	424612	44.399	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	144219	43.914	ng	99
68) Hexachlorobenzene	11.033	284	160594	44.053	ng	99
69) Atrazine	11.121	200	128999	50.593	ng	99
70) Pentachlorophenol	11.233	266	178839	93.589	ng	98
71) Phenanthrene	11.451	178	663039	44.483	ng	100
72) Anthracene	11.504	178	681281	44.184	ng	100
73) Carbazole	11.657	167	590398	45.737	ng	100
74) Di-n-butylphthalate	11.980	149	710586	49.299	ng	100
75) Fluoranthene	12.639	202	647918	45.714	ng	99
77) Benzidine	12.757	184	177445	33.716	ng	99
78) Pyrene	12.868	202	638902	46.522	ng	100
80) Butylbenzylphthalate	13.480	149	204524	50.362	ng	99
81) Benzo(a)anthracene	14.057	228	447930	45.741	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	68073	21.556	ng	97
83) Chrysene	14.098	228	422464	46.725	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	282460	46.345	ng	100
85) Di-n-octyl phthalate	14.657	149	520093	44.480	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	522405	44.988	ng	100
88) Benzo(b)fluoranthene	15.121	252	450291	48.804	ng	99
89) Benzo(k)fluoranthene	15.157	252	394562	44.074	ng	99
90) Benzo(a)pyrene	15.504	252	409410	46.669	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	427909	45.131	ng	100
92) Benzo(g,h,i)perylene	17.545	276	416187	44.141	ng	100

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

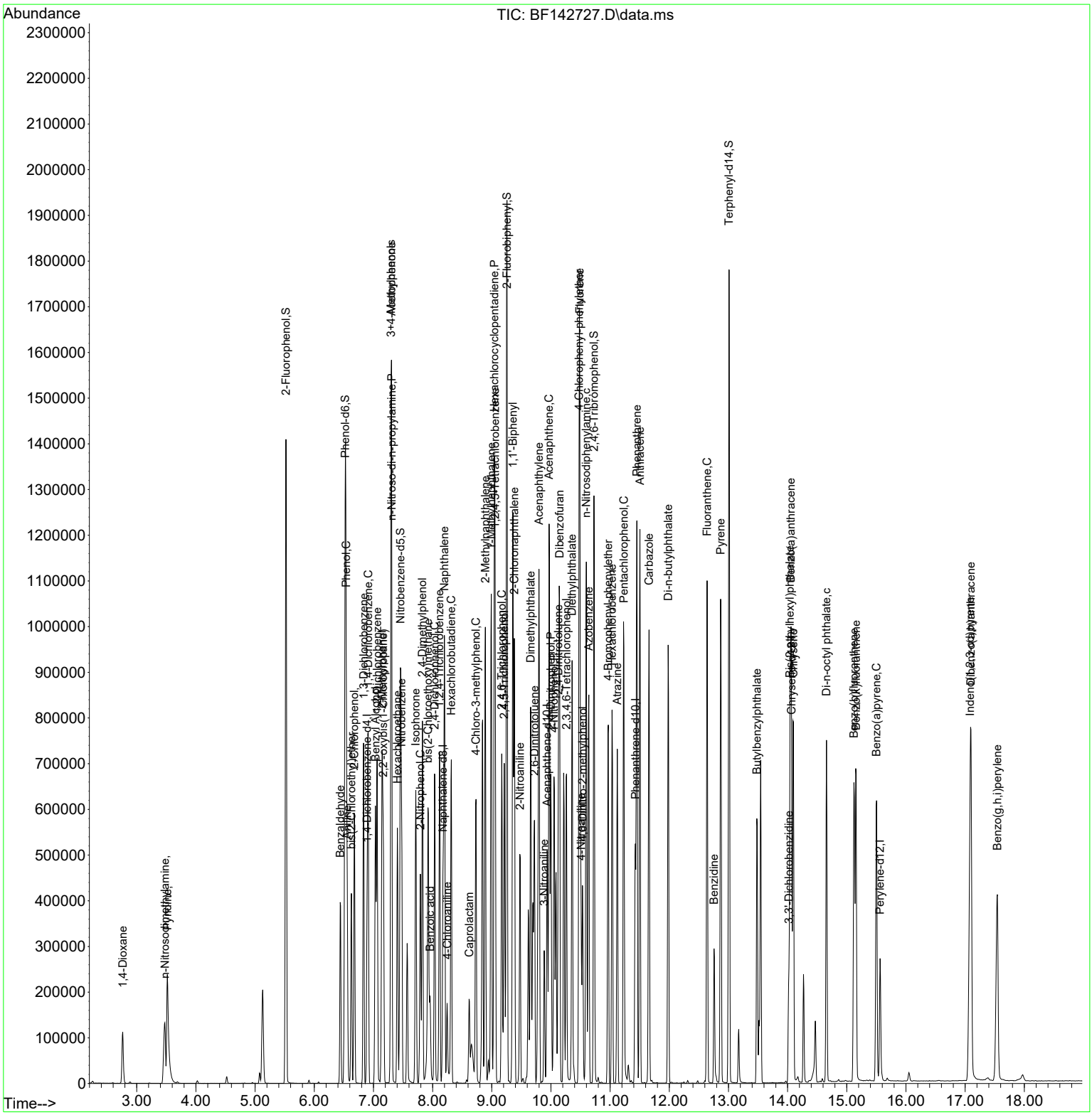
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Data File : BF142727.D
Acq On : 11 Jun 2025 11:21
Operator : RC/JU
Sample : PB168285BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

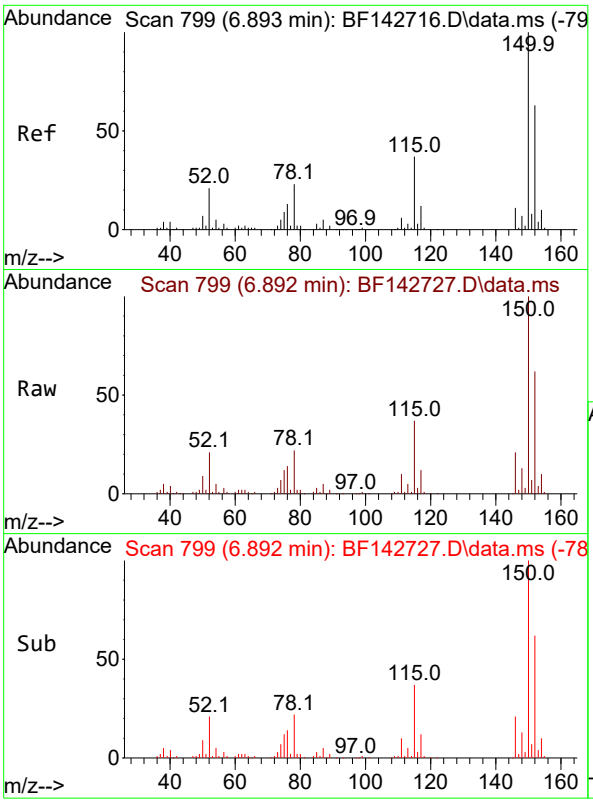
Quant Time: Jun 11 11:45:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

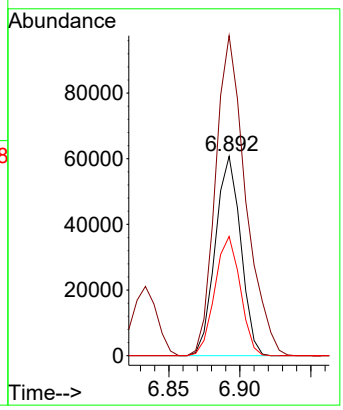




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:152 Resp: 7563

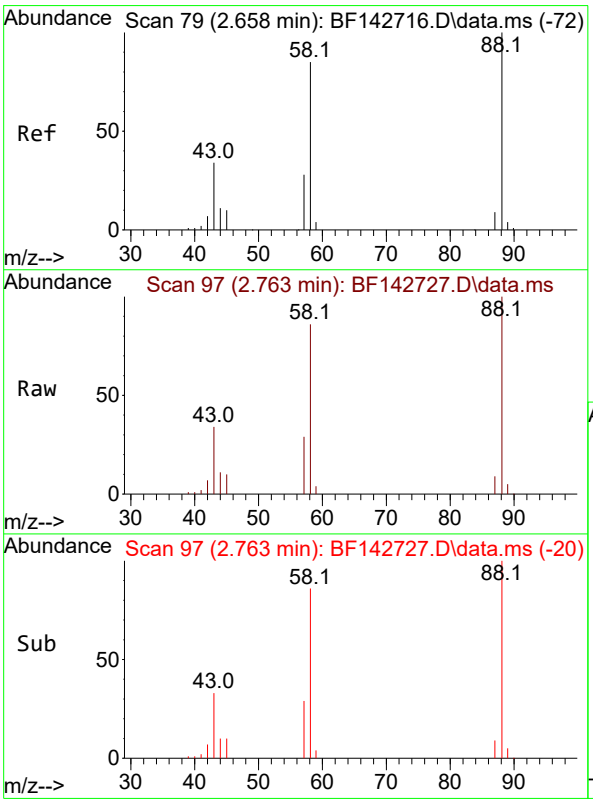
Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.9	190.3
115	59.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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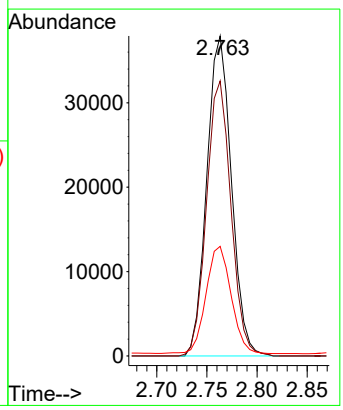
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

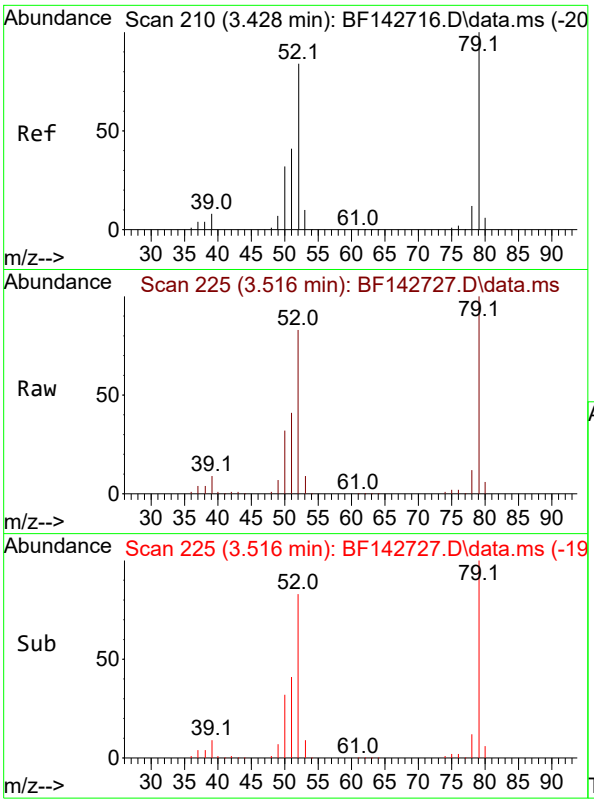


#2
1,4-Dioxane
Concen: 36.783 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 88 Resp: 64643

Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.4	102.6
43	34.2	27.0	40.6

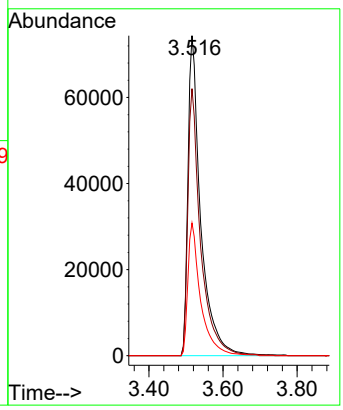




#3
Pyridine
Concen: 40.510 ng
RT: 3.516 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 79 Resp: 17850

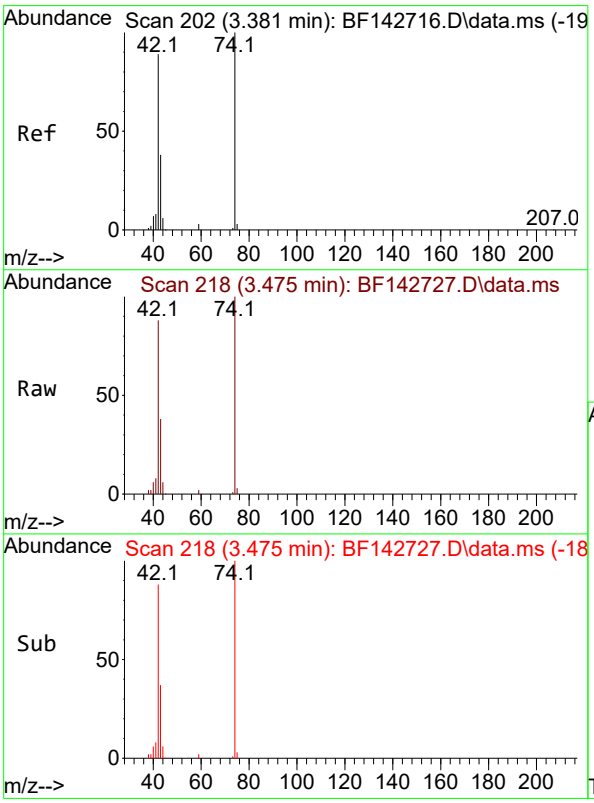
Ion	Ratio	Lower	Upper
79	100		
52	83.4	67.1	100.7
51	41.5	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

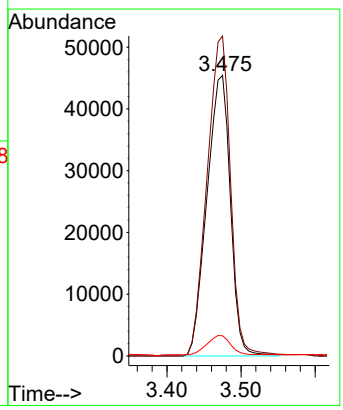
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

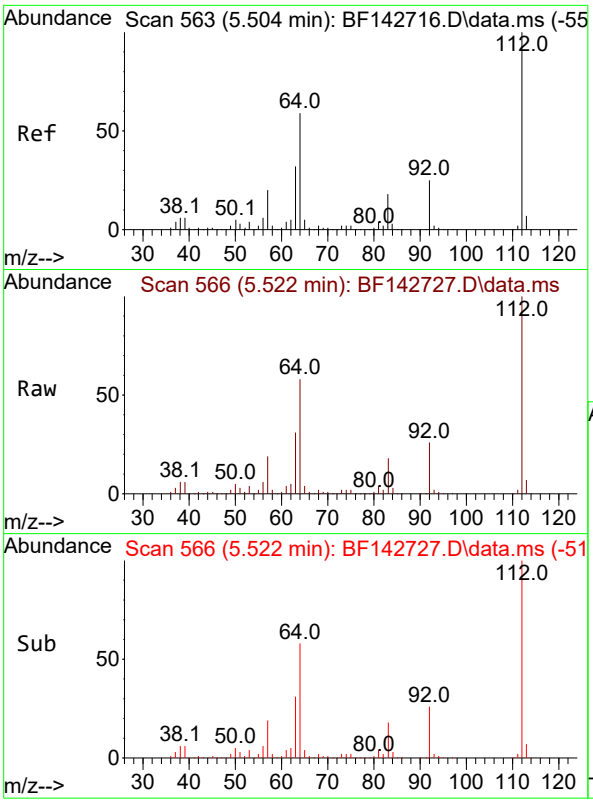


#4
n-Nitrosodimethylamine
Concen: 44.341 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 42 Resp: 99969

Ion	Ratio	Lower	Upper
42	100		
74	114.1	89.6	134.4
44	7.2	5.4	8.2





#5
2-Fluorophenol
Concen: 125.583 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

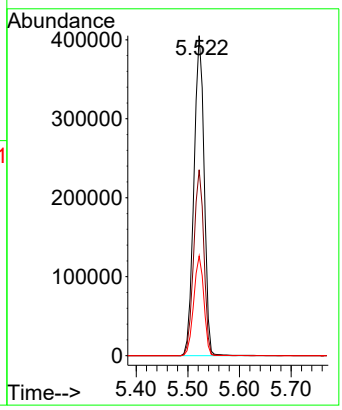
Tgt Ion:112 Resp: 55767

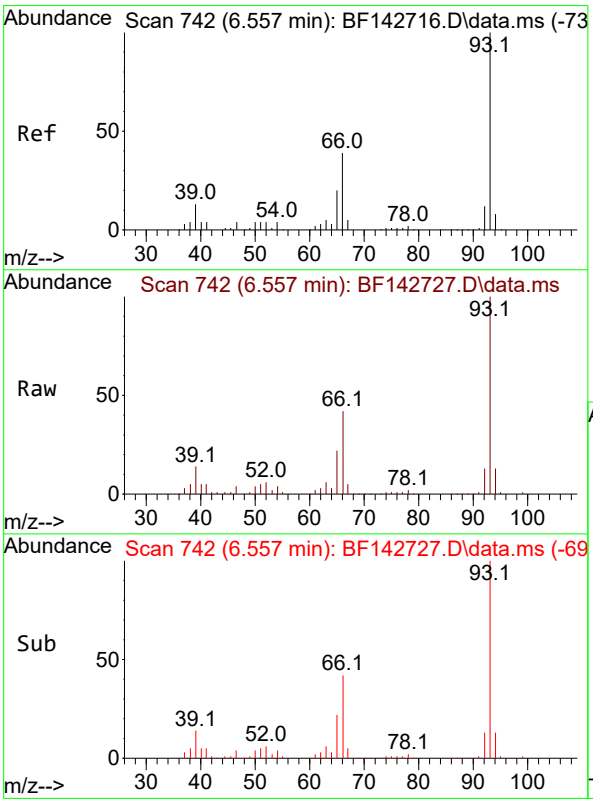
Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.4	71.2
63	31.1	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
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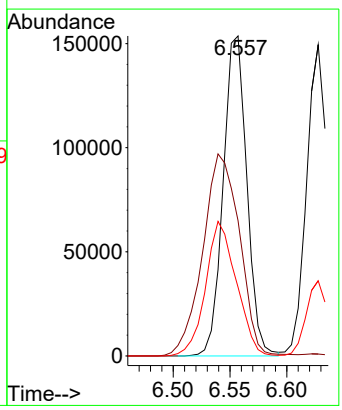


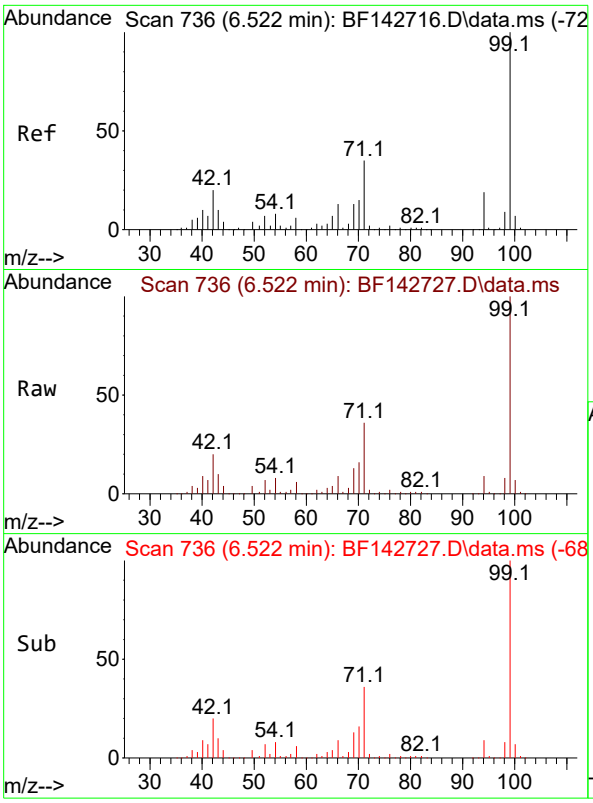


#6
Aniline
Concen: 31.826 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 93 Resp: 222608

Ion	Ratio	Lower	Upper
93	100		
66	42.3	32.0	48.0
65	21.5	16.1	24.1

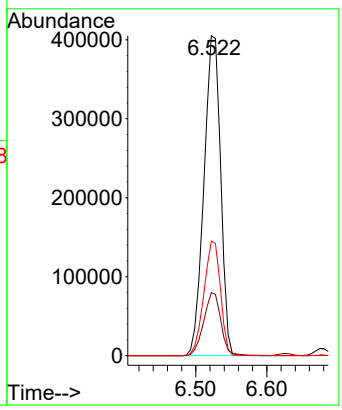




#7
Phenol-d6
Concen: 127.044 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 99 Resp: 66393

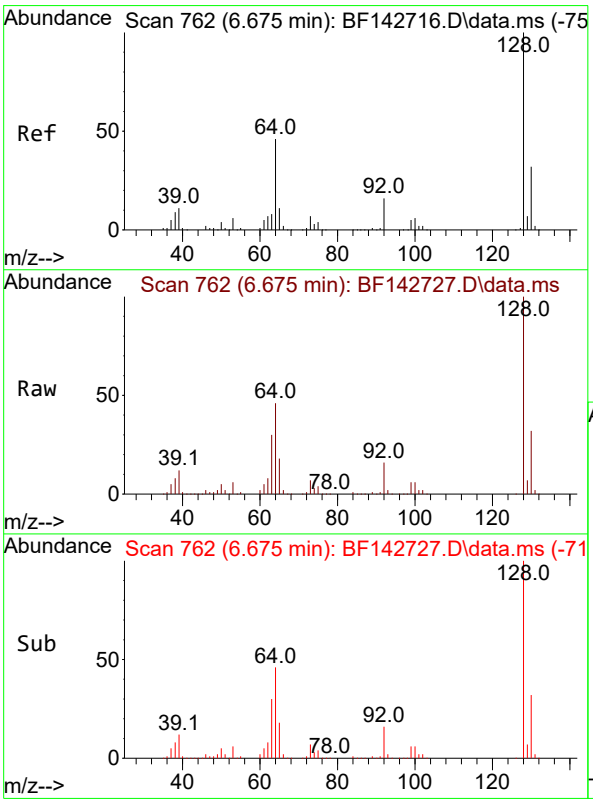
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	35.9	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

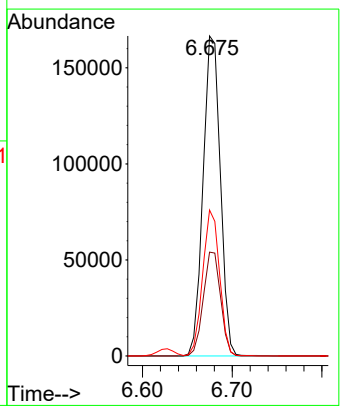
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

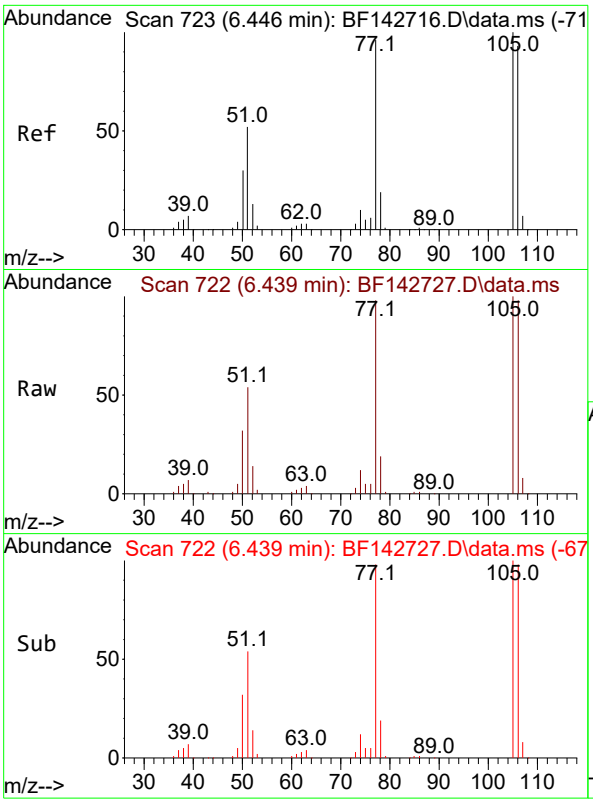


#8
2-Chlorophenol
Concen: 45.872 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:128 Resp: 222610

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	45.6	26.5	66.5

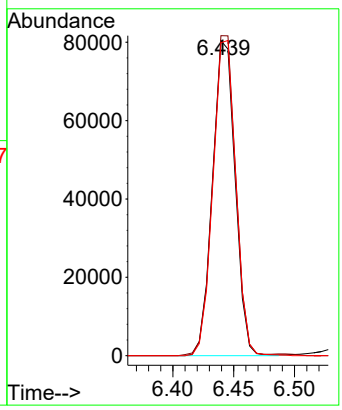




#9
Benzaldehyde
Concen: 32.151 ng
RT: 6.439 min Scan# 7
Delta R.T. -0.007 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 77 Resp: 10404

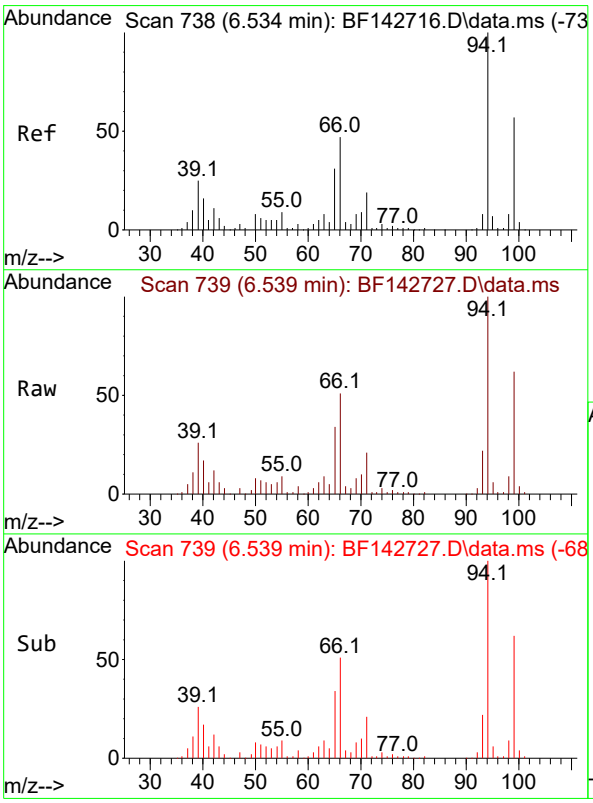
Ion	Ratio	Lower	Upper
77	100		
105	101.6	84.1	124.1
106	99.3	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

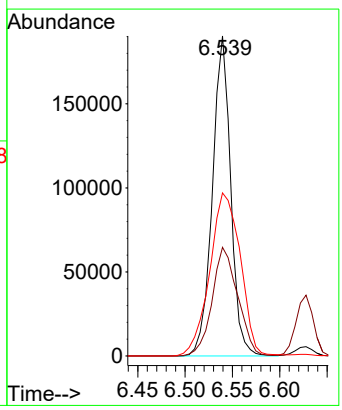
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

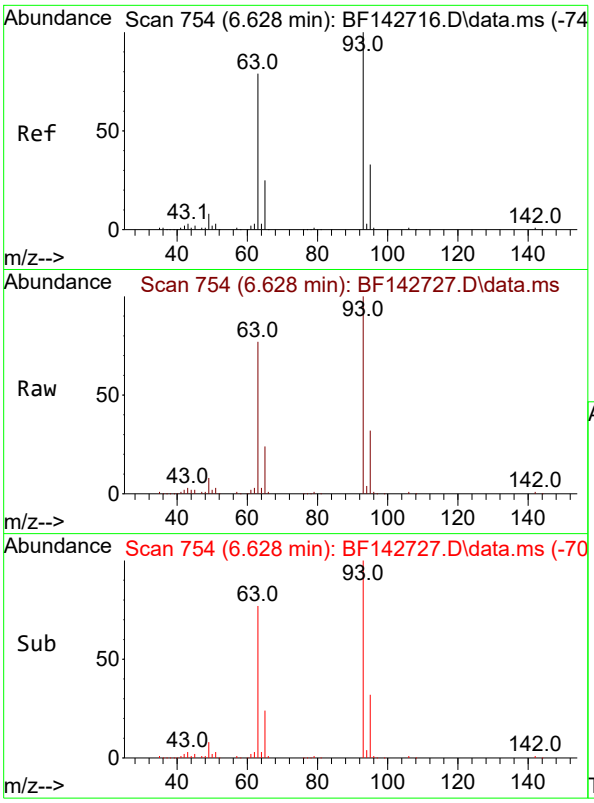


#10
Phenol
Concen: 44.090 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 94 Resp: 256115

Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.4	51.4
66	51.0	26.7	66.7

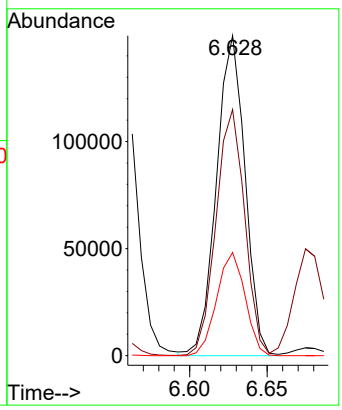




#11
bis(2-Chloroethyl)ether
Concen: 44.212 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 93 Resp: 19183

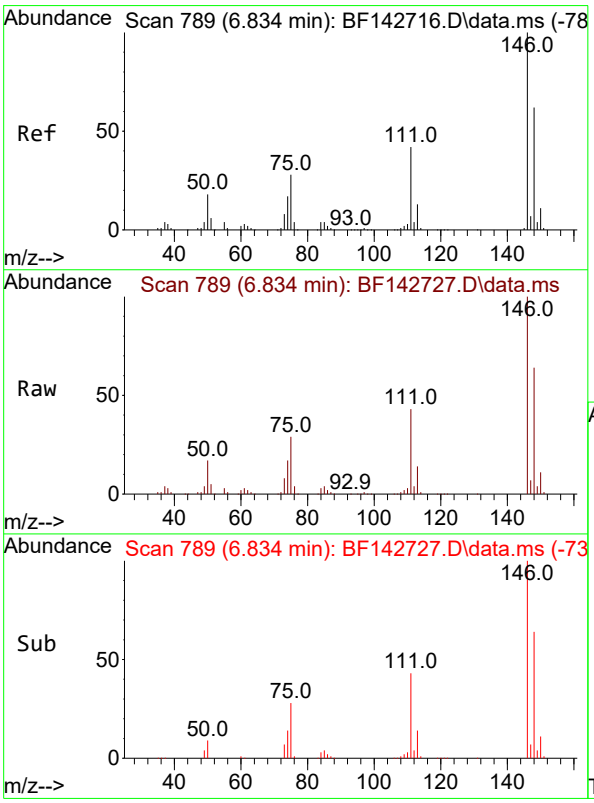
Ion	Ratio	Lower	Upper
93	100		
63	76.9	58.3	98.3
95	32.2	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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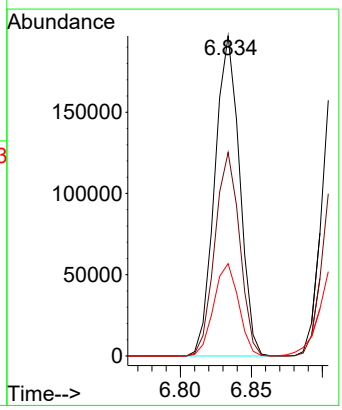
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

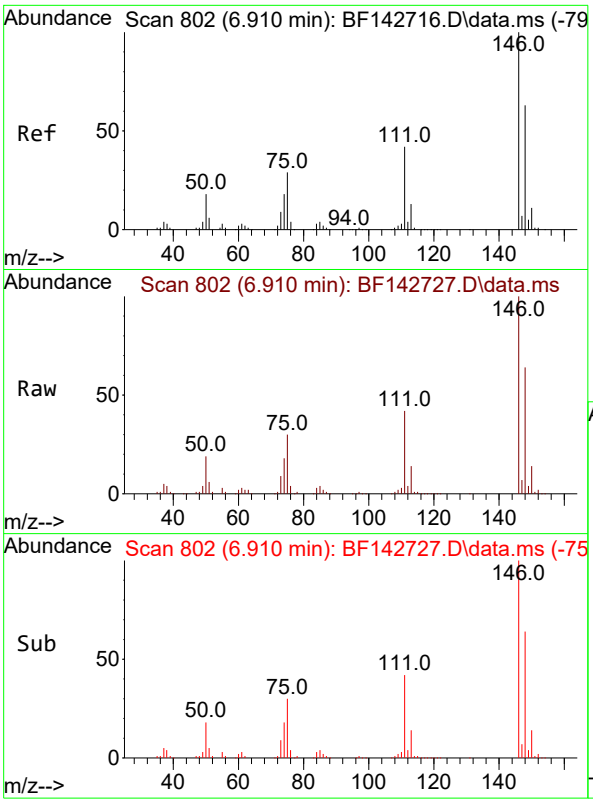


#12
1,3-Dichlorobenzene
Concen: 43.132 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:146 Resp: 238872

Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.9	74.9
75	28.8	22.6	34.0

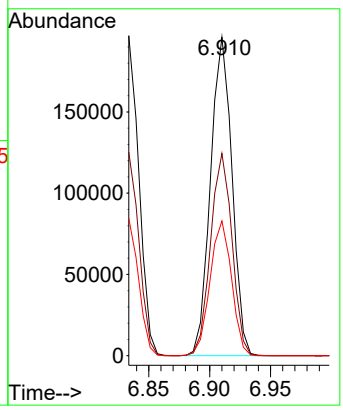




#13
1,4-Dichlorobenzene
Concen: 42.945 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:146 Resp: 24036

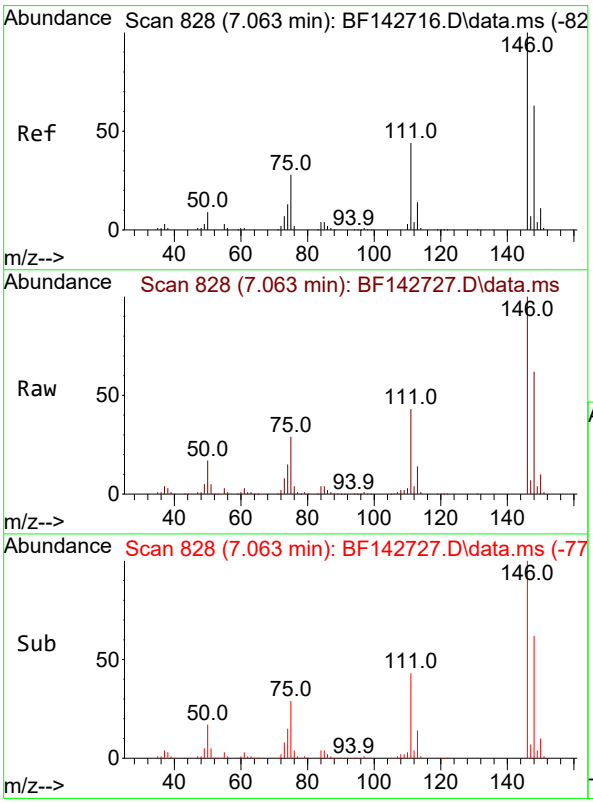
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.3	33.6	50.4



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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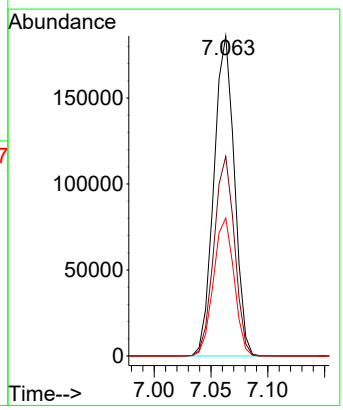
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

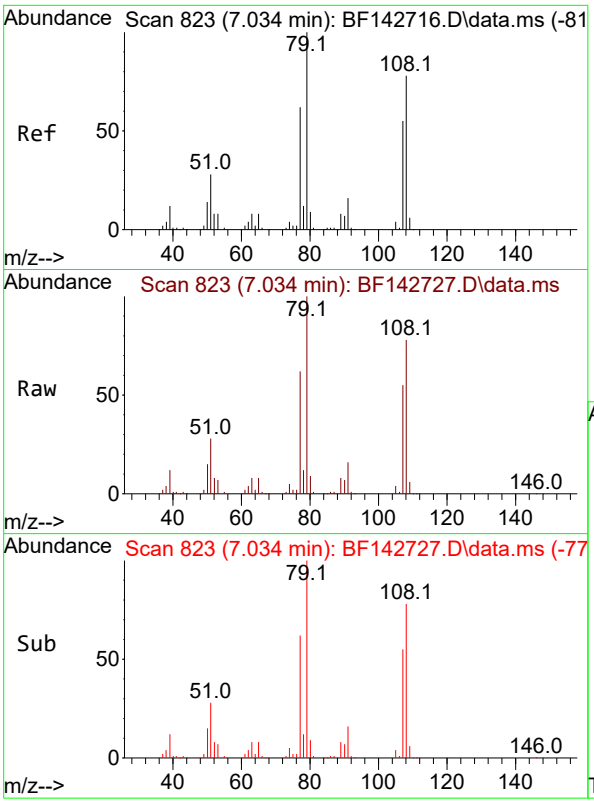


#14
1,2-Dichlorobenzene
Concen: 43.588 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:146 Resp: 233854

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	43.1	35.2	52.8





#15
Benzyl Alcohol
Concen: 45.210 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

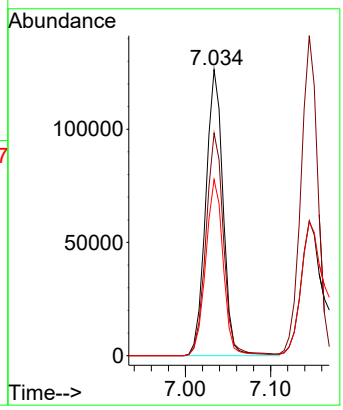
Tgt Ion: 79 Resp: 17857

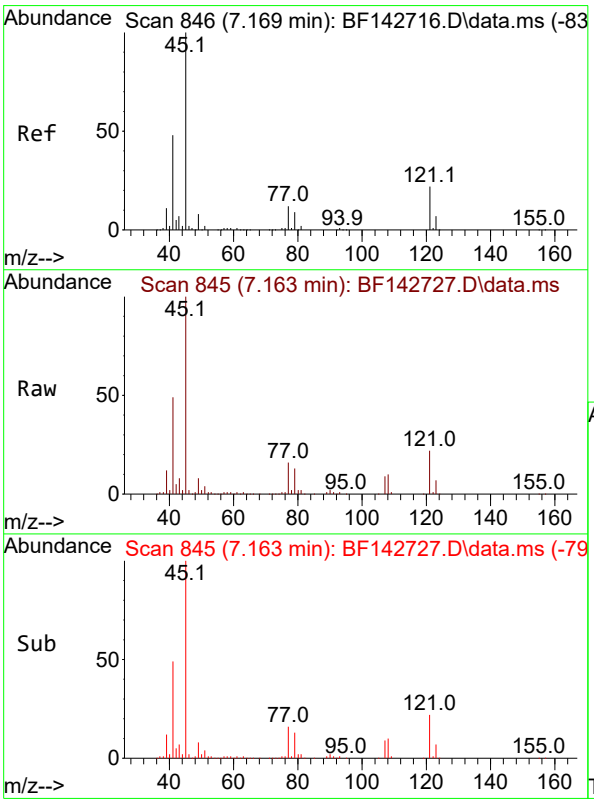
Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.6	94.0
77	61.6	49.8	74.8

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

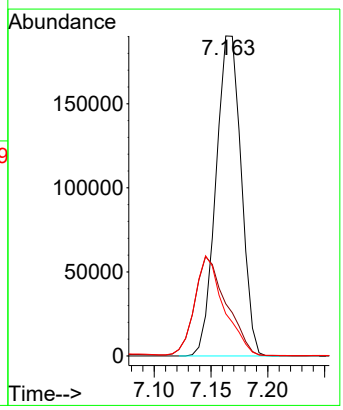


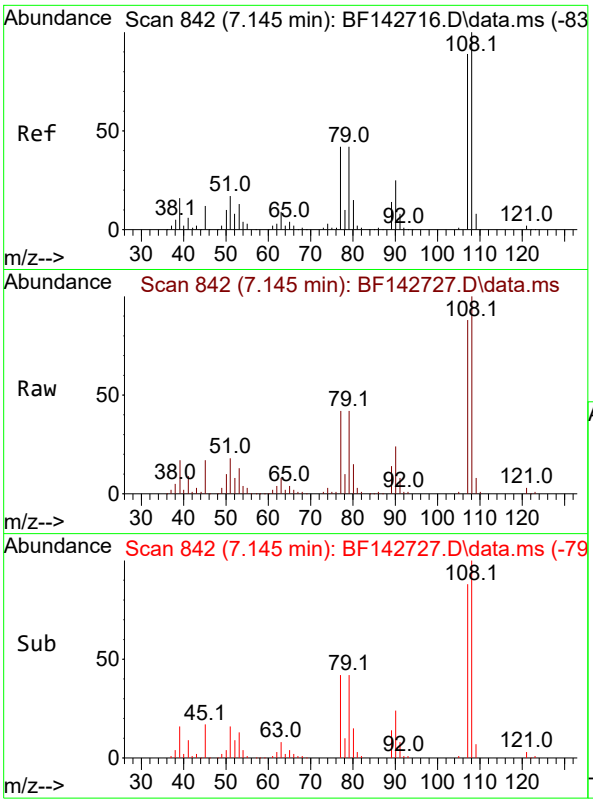


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.059 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 45 Resp: 294148

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	33.1
79	13.2	0.0	30.5

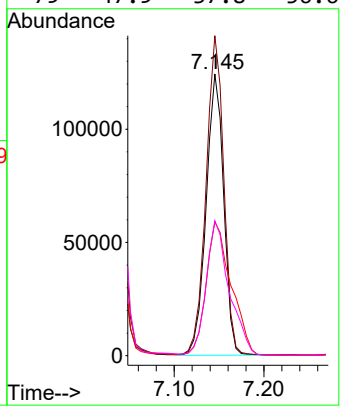




#17
2-Methylphenol
Concen: 45.448 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

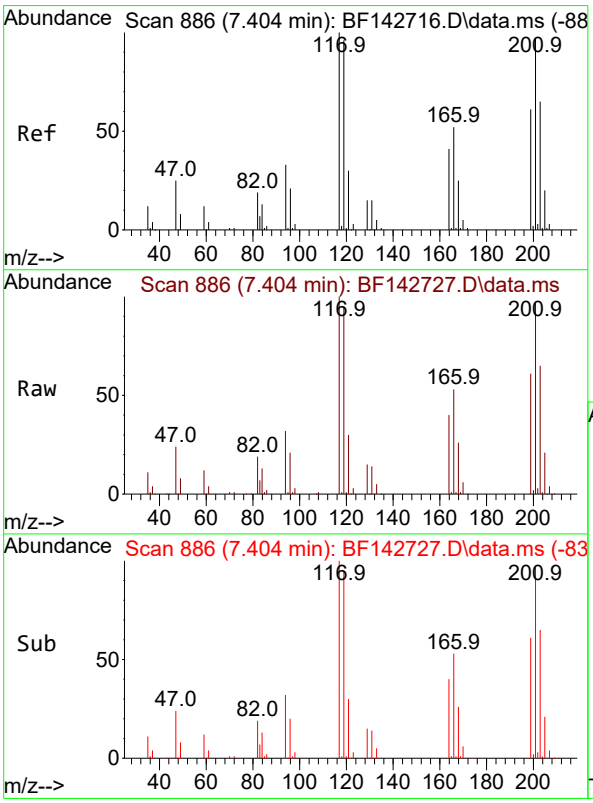
Tgt Ion:107 Resp: 16907

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.0	135.0
77	47.5	38.2	57.2
79	47.9	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
PB168285BS

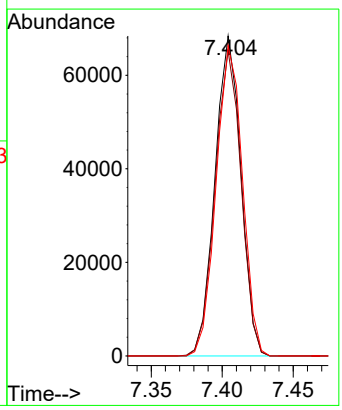
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

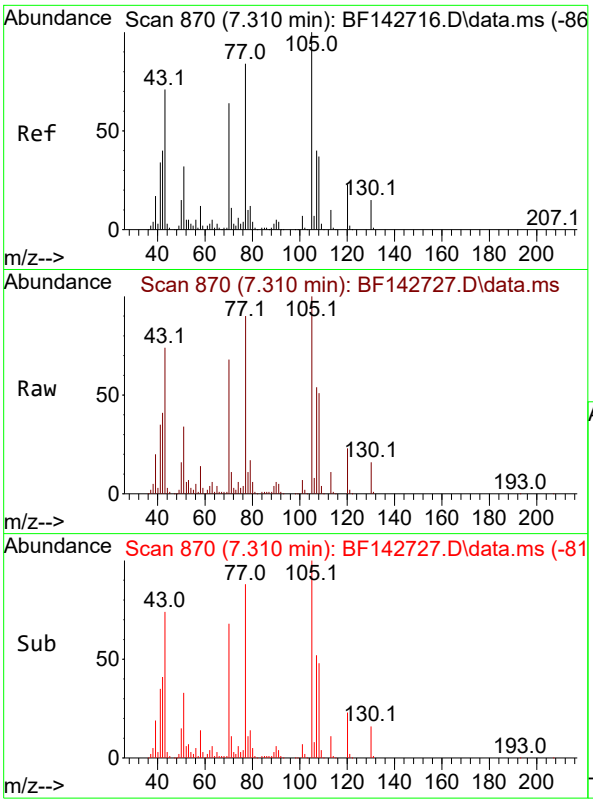


#18
Hexachloroethane
Concen: 43.420 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:117 Resp: 87092

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.4	114.6
201	97.0	77.8	116.6

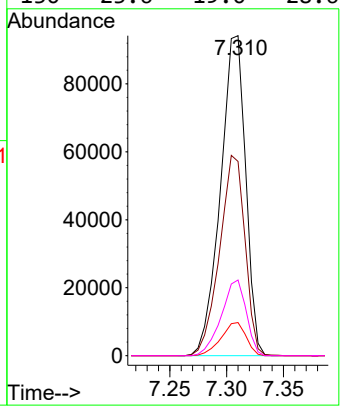




#19
n-Nitroso-di-n-propylamine
Concen: 43.690 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 70 Resp: 14535

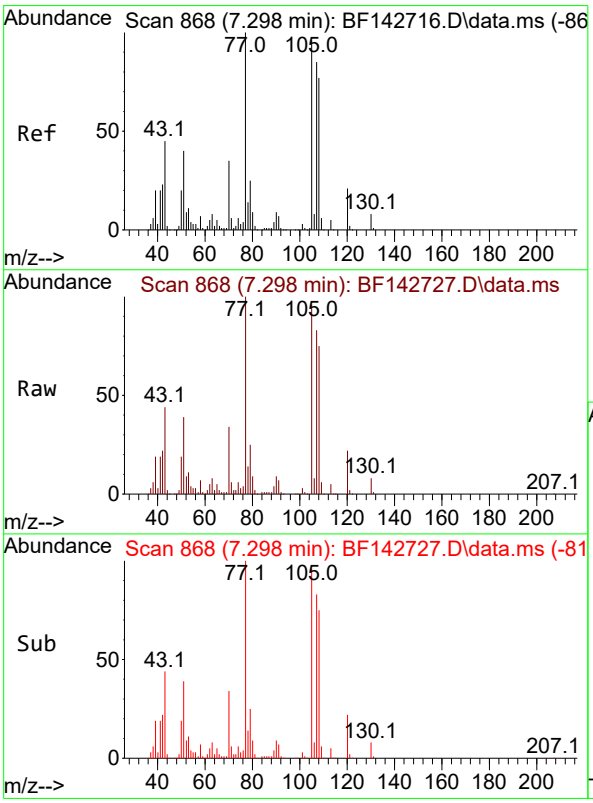
Ion	Ratio	Lower	Upper
70	100		
42	60.7	50.2	75.4
101	10.4	8.3	12.5
130	23.6	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

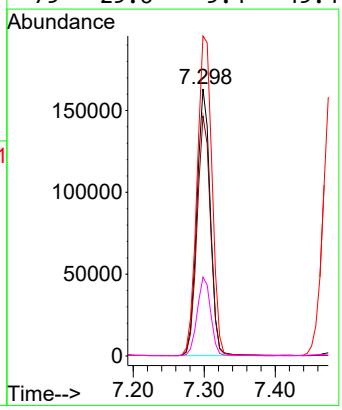
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

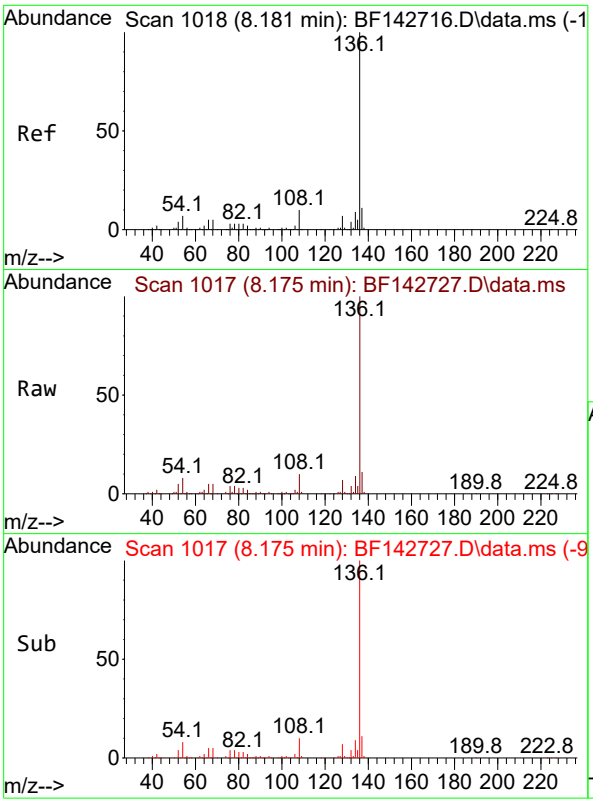


#20
3+4-Methylphenols
Concen: 45.571 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:107 Resp: 213736

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.9	109.9
77	119.8	97.4	137.4
79	29.6	9.4	49.4

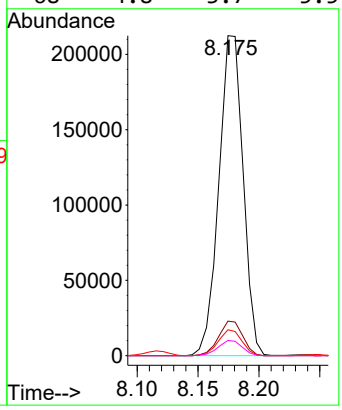




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:136 Resp: 29455

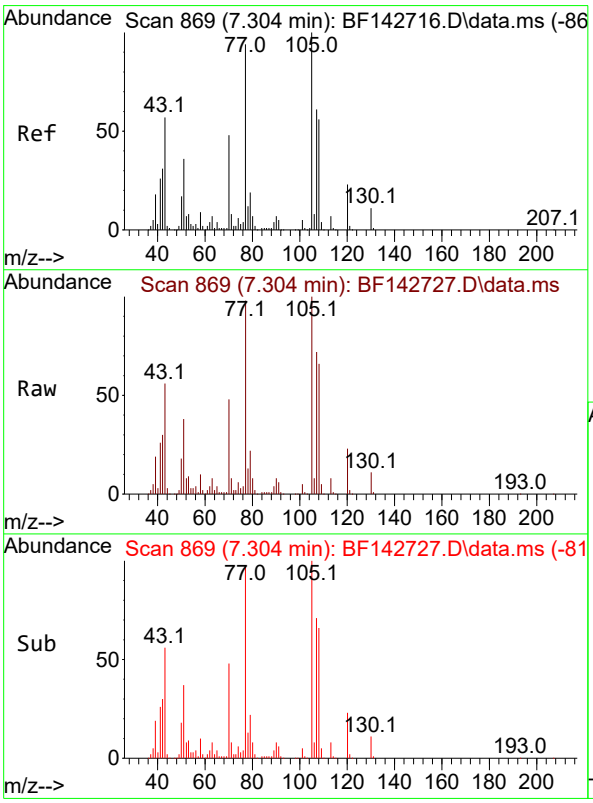
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.1	5.9	8.9
68	4.8	3.7	5.5



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

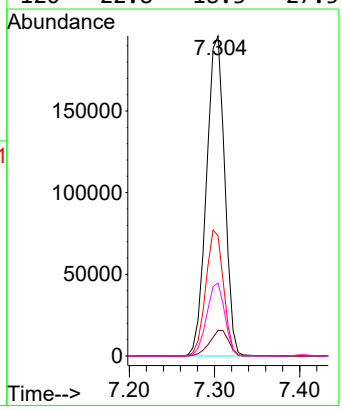
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

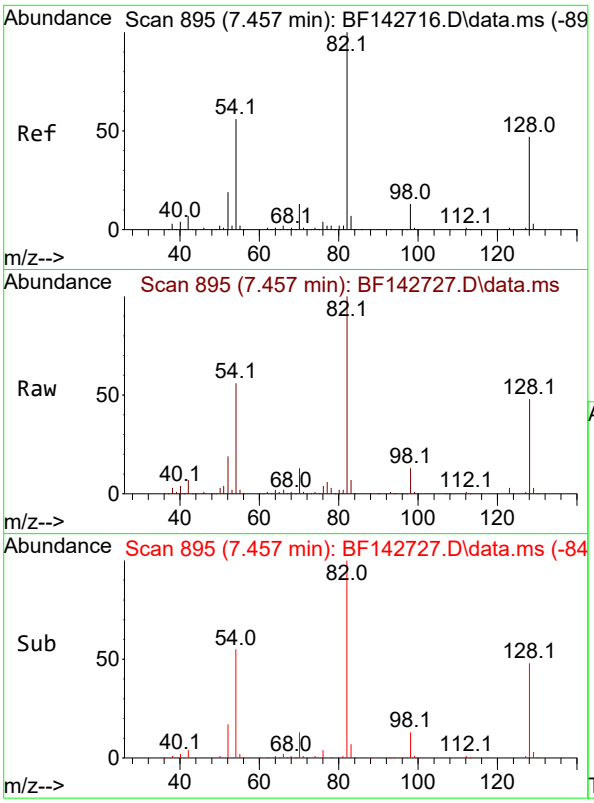


#22
Acetophenone
Concen: 44.257 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:105 Resp: 289978

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	37.6	29.1	43.7
120	22.8	18.3	27.5

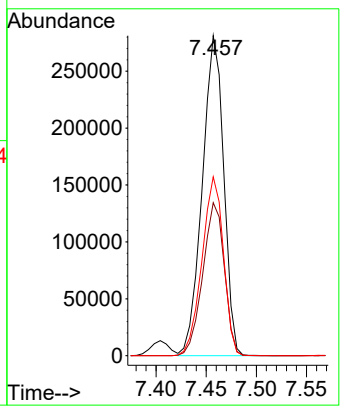




#23
Nitrobenzene-d5
Concen: 77.824 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 82 Resp: 41885

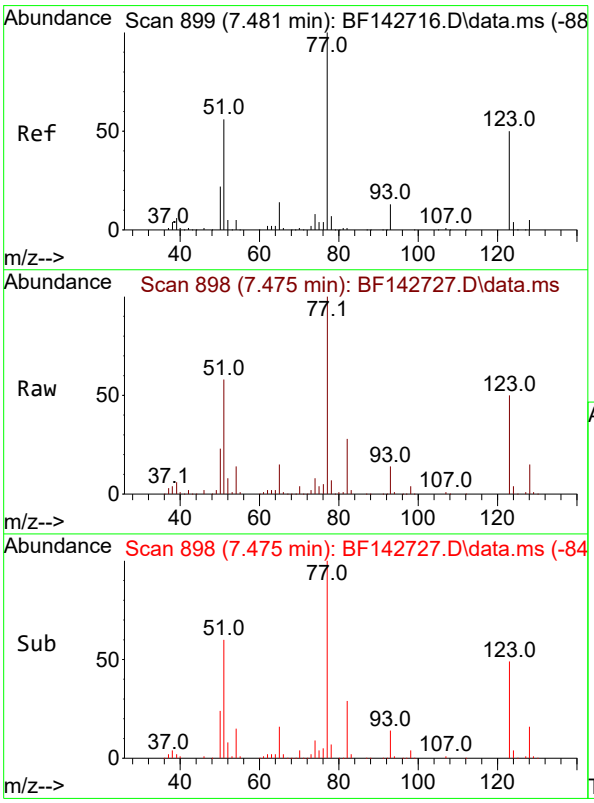
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	55.9	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

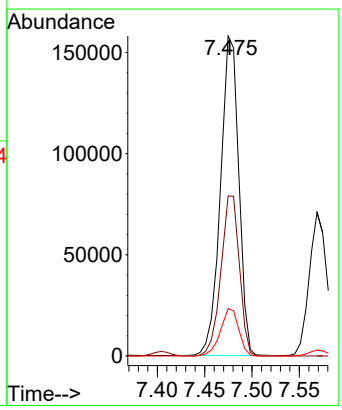
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

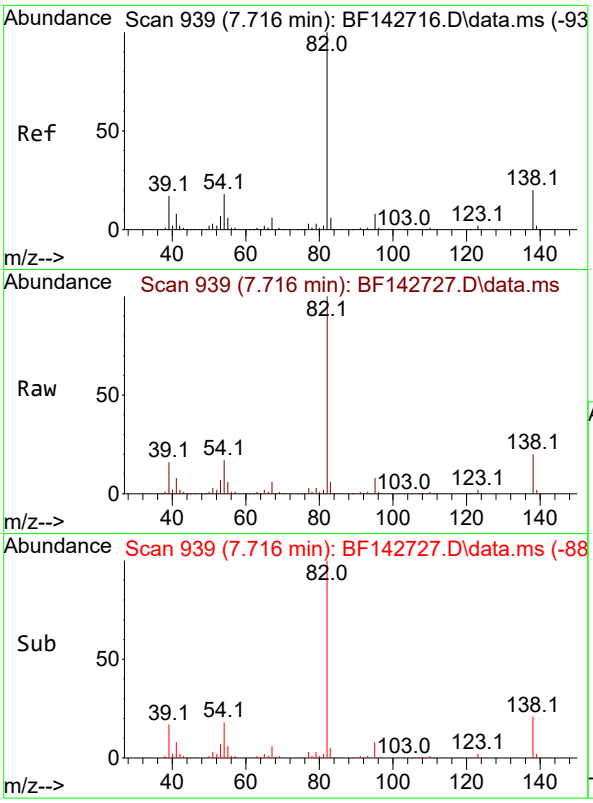


#24
Nitrobenzene
Concen: 44.554 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 77 Resp: 212823

Ion	Ratio	Lower	Upper
77	100		
123	50.0	40.8	61.2
65	14.8	11.5	17.3

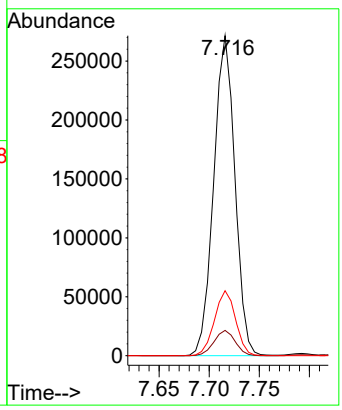




#25
Isophorone
Concen: 43.834 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 82 Resp: 39944

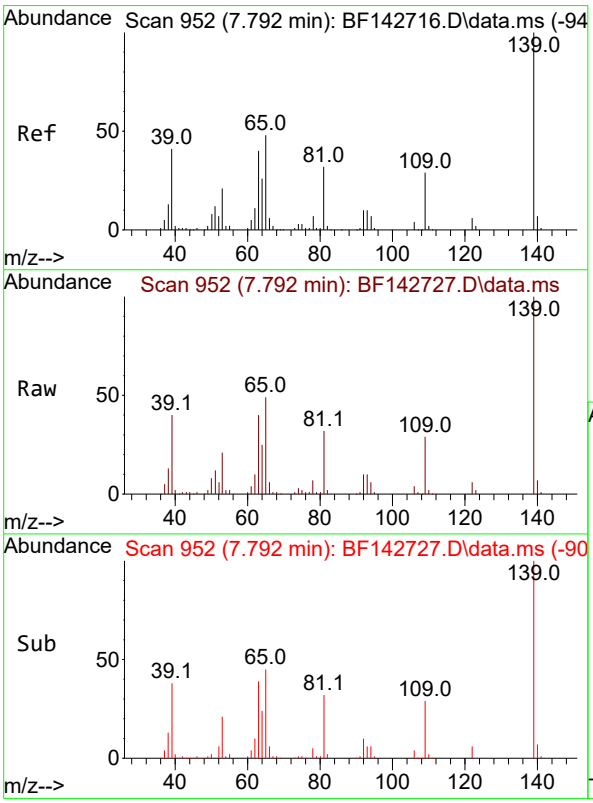
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.0	9.0
138	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

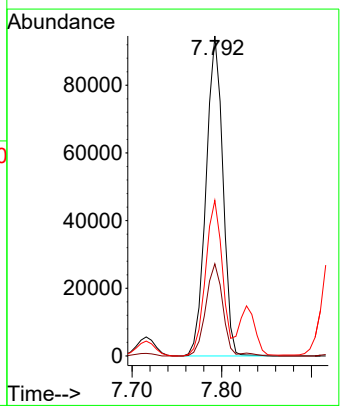
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

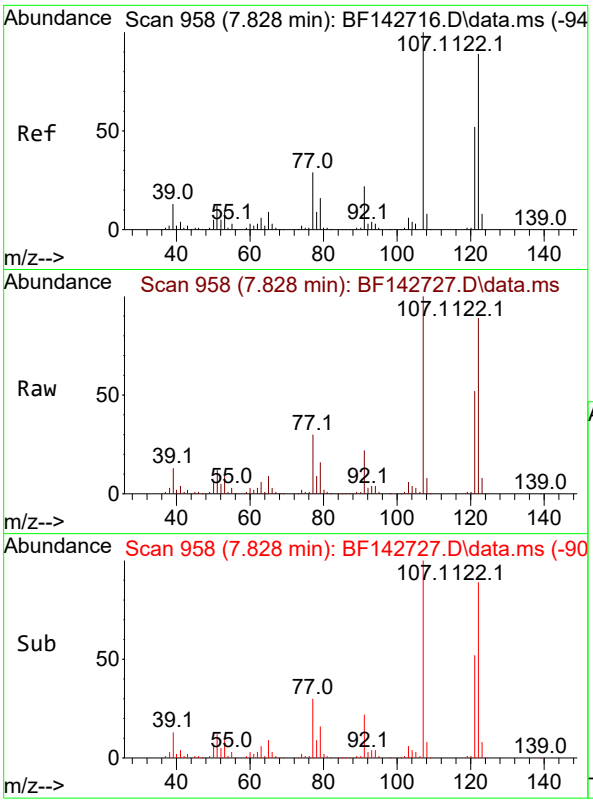


#26
2-Nitrophenol
Concen: 46.127 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:139 Resp: 122967

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	48.6	38.7	58.1

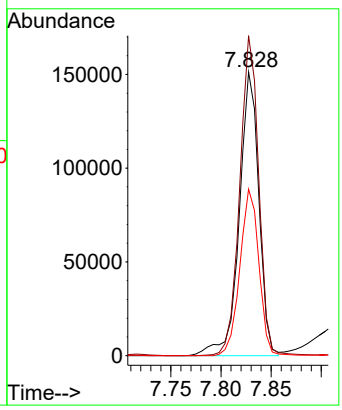




#27
2,4-Dimethylphenol
Concen: 45.332 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:122 Resp: 20575

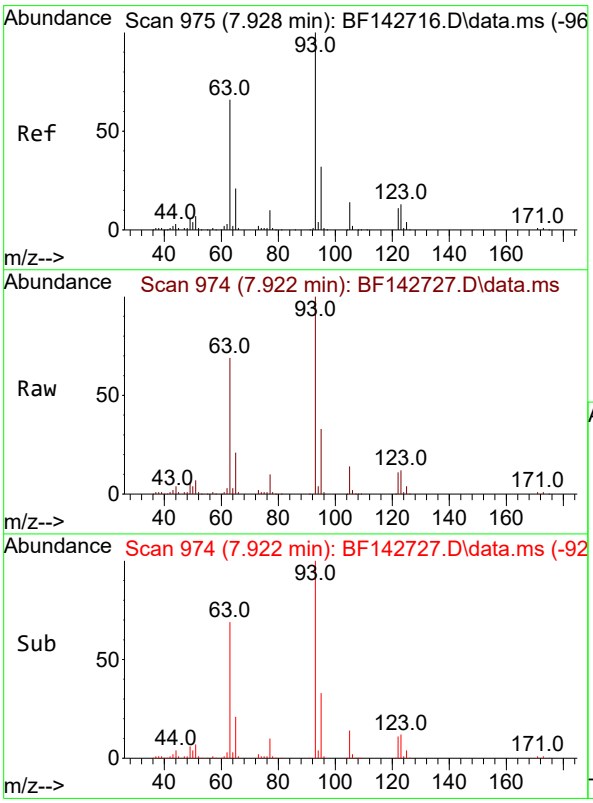
Ion	Ratio	Lower	Upper
122	100		
107	112.8	90.4	135.6
121	58.7	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

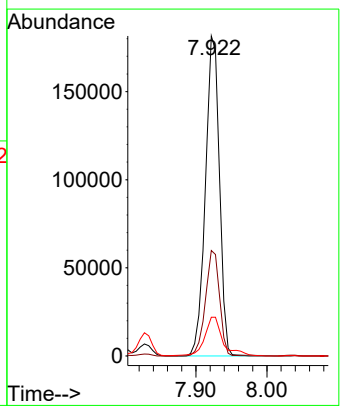
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

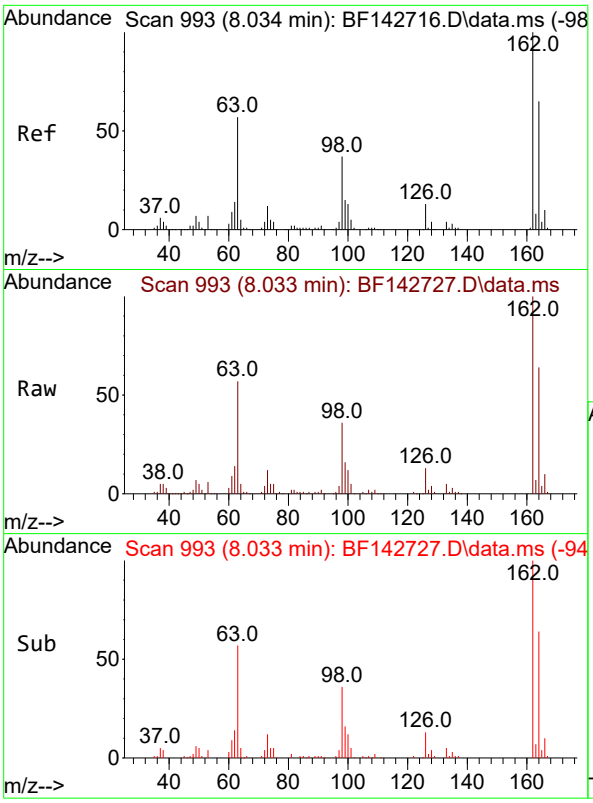


#28
bis(2-Chloroethoxy)methane
Concen: 44.284 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 93 Resp: 250547

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.9	38.9
123	12.1	10.3	15.5

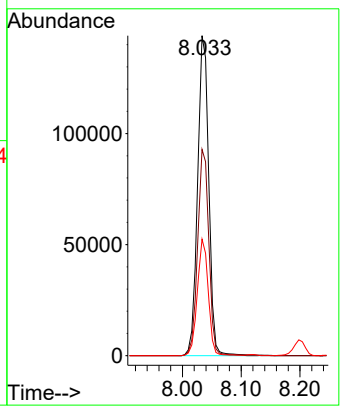




#29
2,4-Dichlorophenol
Concen: 45.374 ng
RT: 8.033 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:162 Resp: 19005

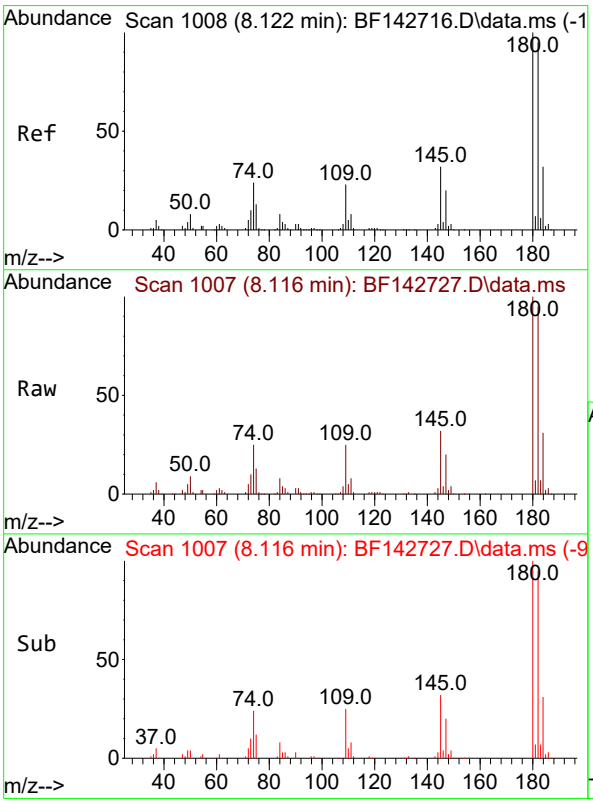
Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.1	85.1
98	36.4	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

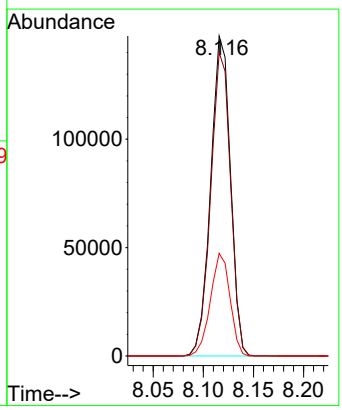
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

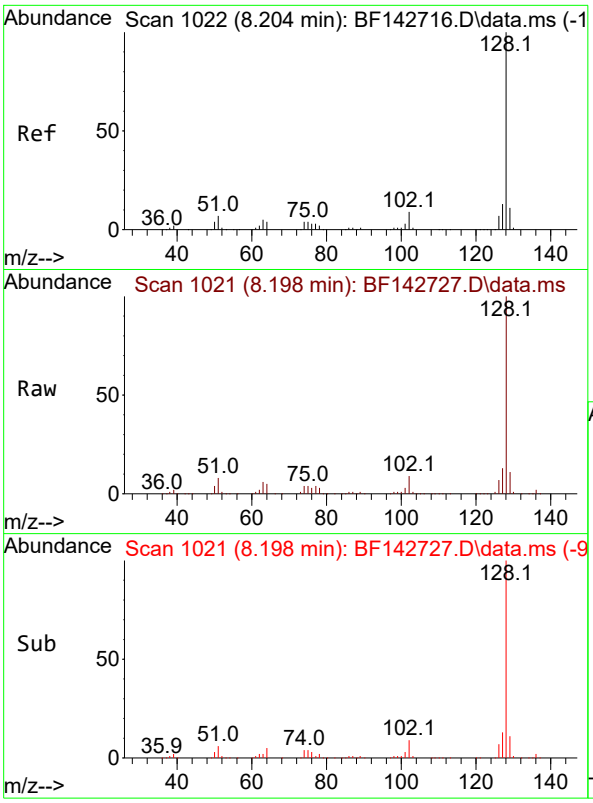


#30
1,2,4-Trichlorobenzene
Concen: 43.839 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:180 Resp: 202914

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.9	113.9
145	32.1	25.7	38.5

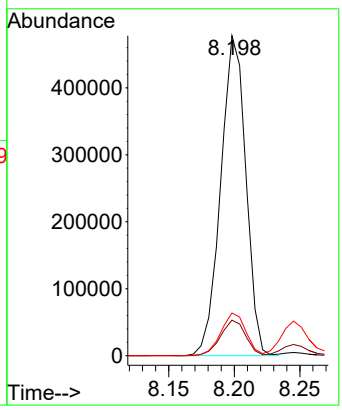




#31
Naphthalene
Concen: 43.758 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:128 Resp: 63743

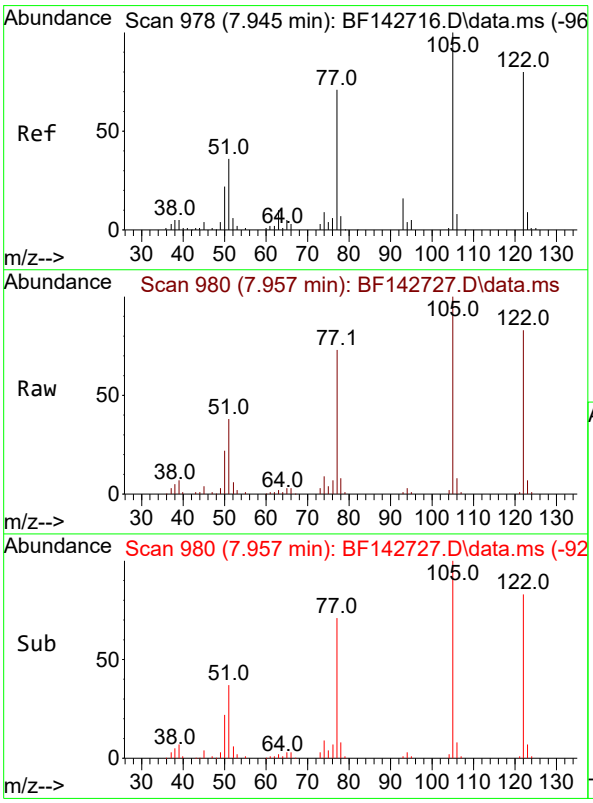
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.4	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations APPROVED

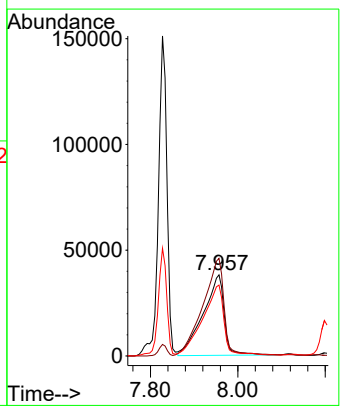
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

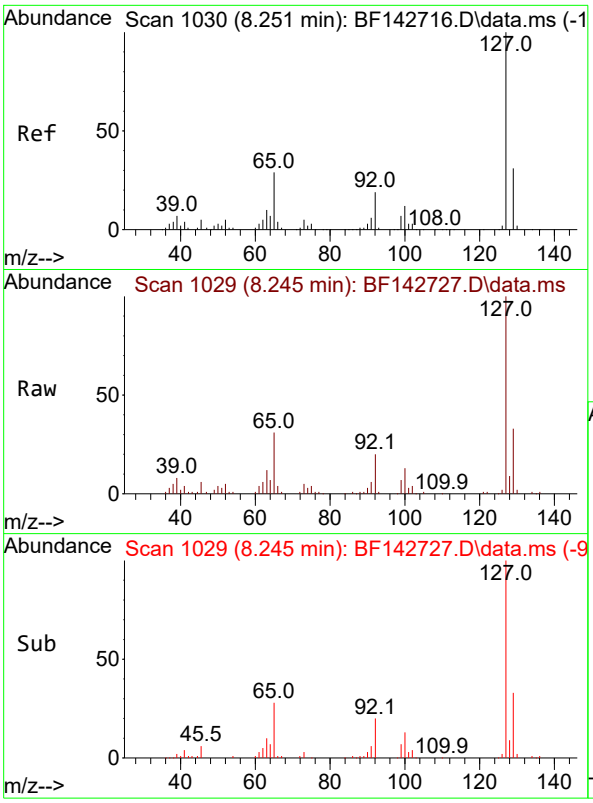


#32
Benzoic acid
Concen: 49.883 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:122 Resp: 127508

Ion	Ratio	Lower	Upper
122	100		
105	120.3	102.6	142.6
77	87.4	68.2	108.2

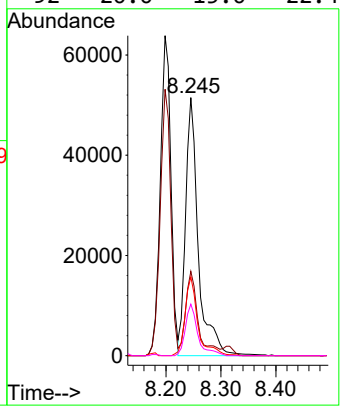




#33
4-Chloroaniline
Concen: 14.289 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:127 Resp: 8357

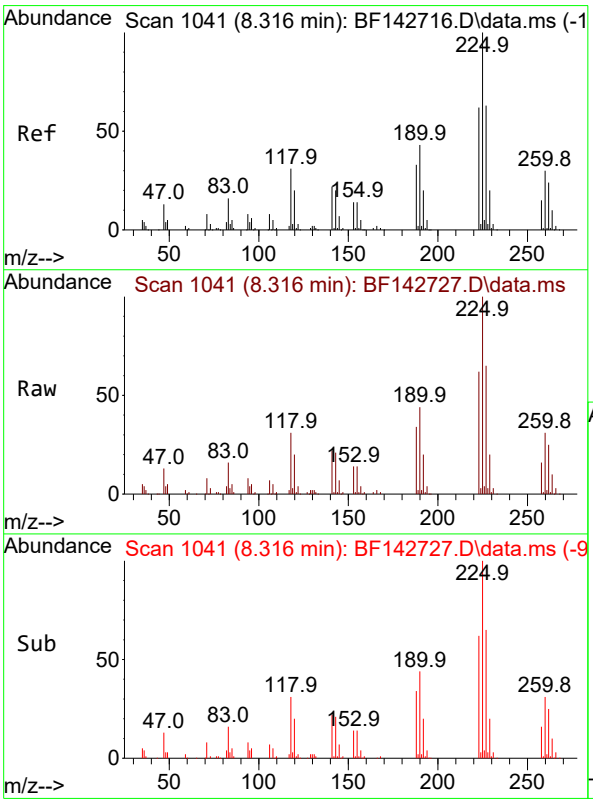
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	30.5	23.0	34.4
92	20.0	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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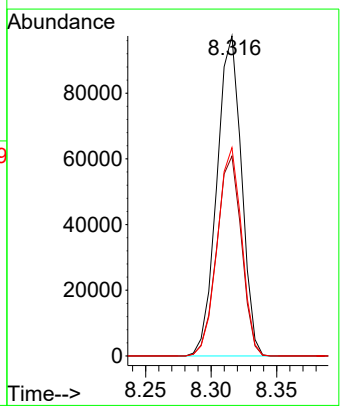
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

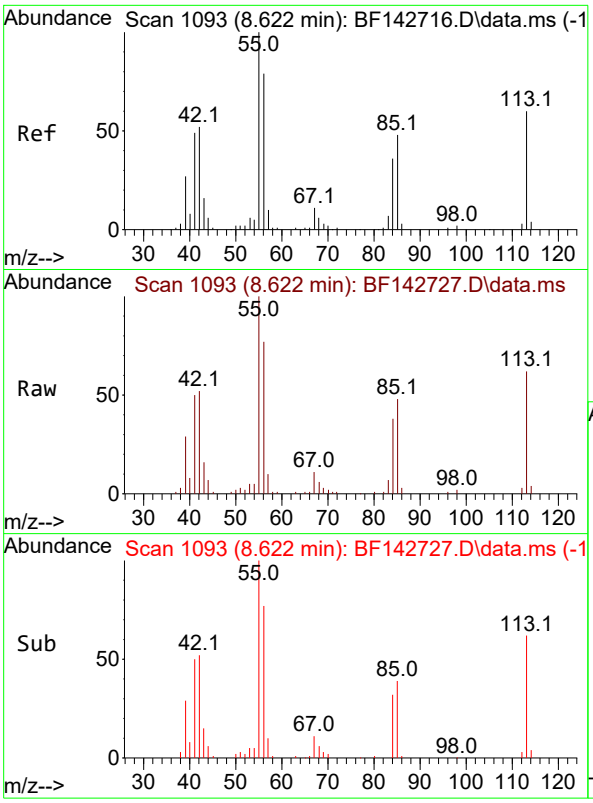


#34
Hexachlorobutadiene
Concen: 43.120 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:225 Resp: 127185

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.3	73.9
227	65.1	50.6	75.8

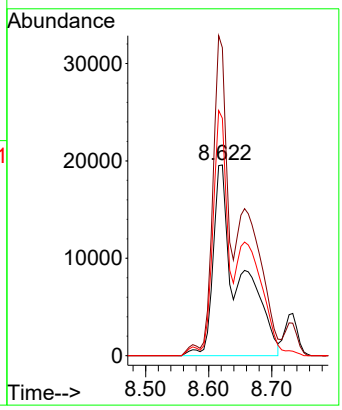




#35
Caprolactam
Concen: 50.029 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

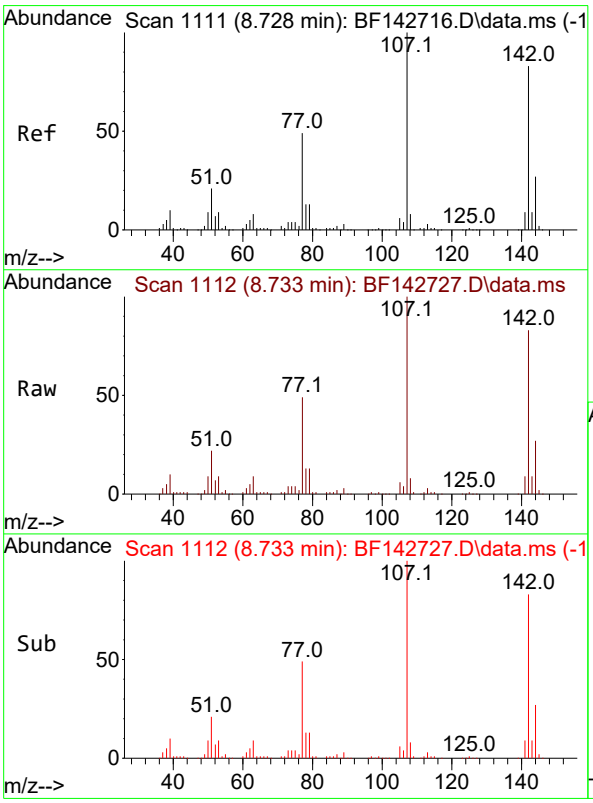
Tgt Ion:113 Resp: 5656

Ion	Ratio	Lower	Upper
113	100		
55	161.5	147.9	187.9
56	124.5	111.9	151.9



Instrument :
BNA_F
ClientSampleId :
PB168285BS

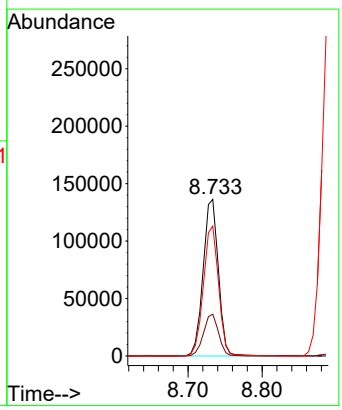
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

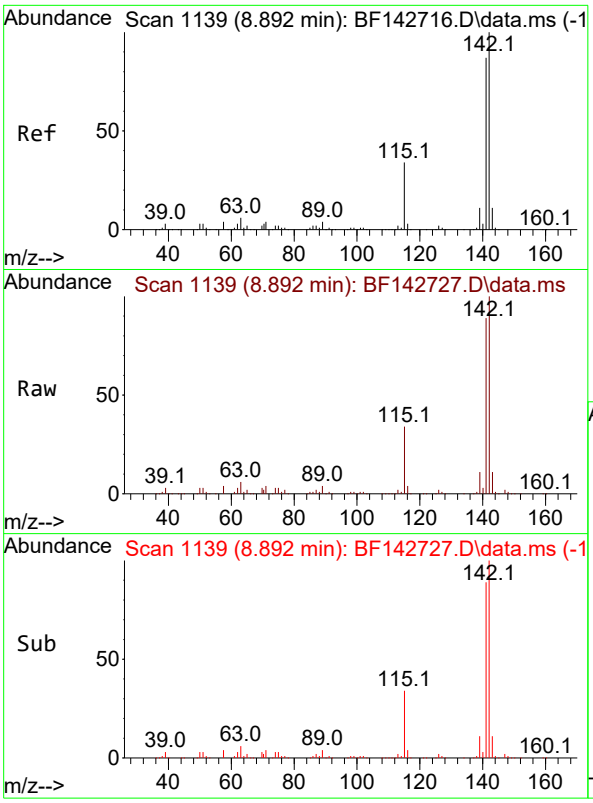


#36
4-Chloro-3-methylphenol
Concen: 44.935 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:107 Resp: 195715

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	83.0	66.2	99.2

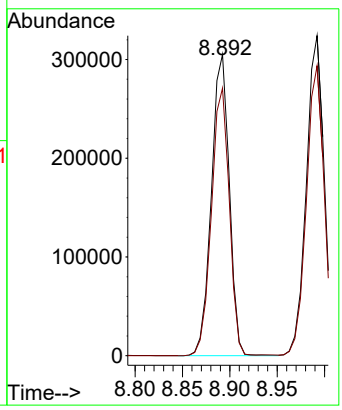




#37
2-Methylnaphthalene
Concen: 43.308 ng
RT: 8.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:142 Resp: 39932

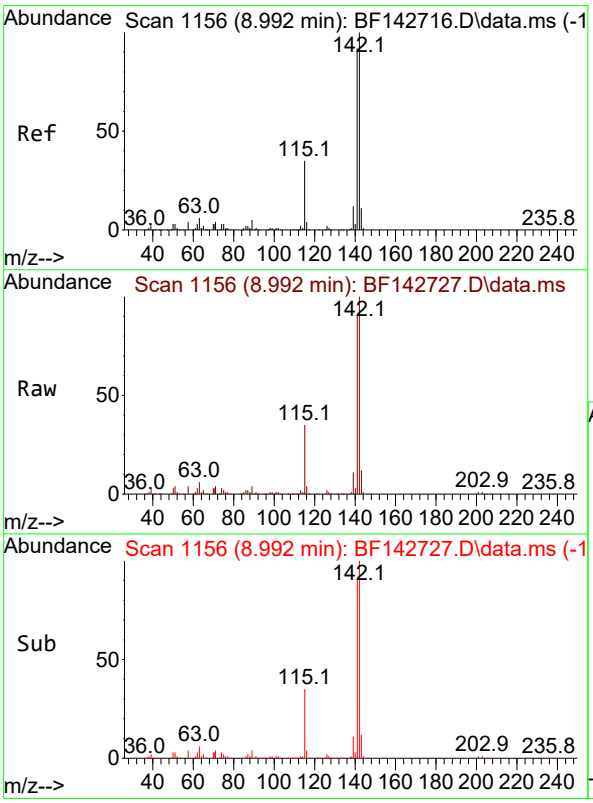
Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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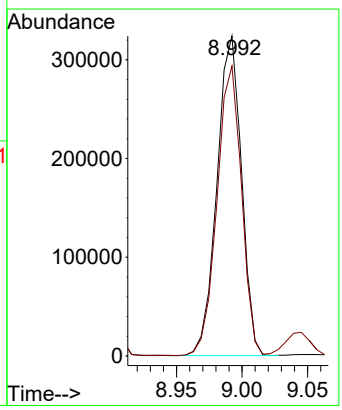
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

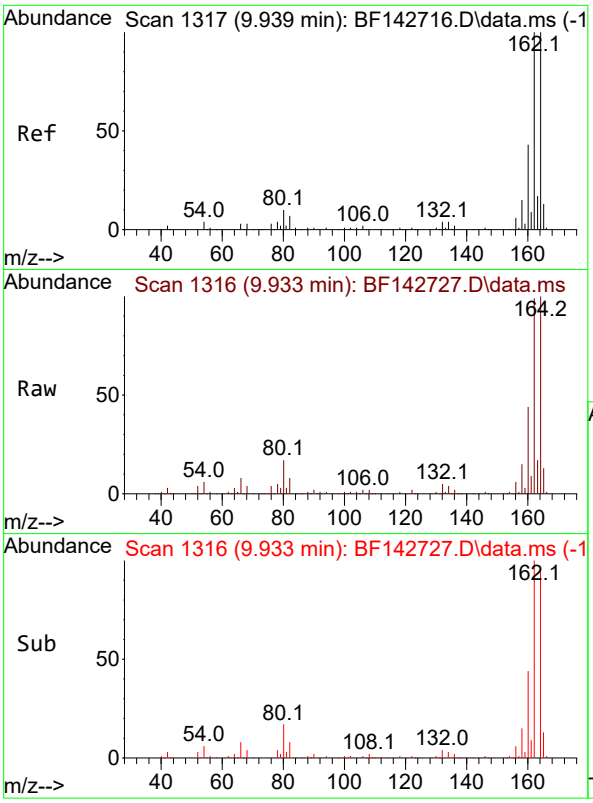


#38
1-Methylnaphthalene
Concen: 44.084 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:142 Resp: 421083

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3

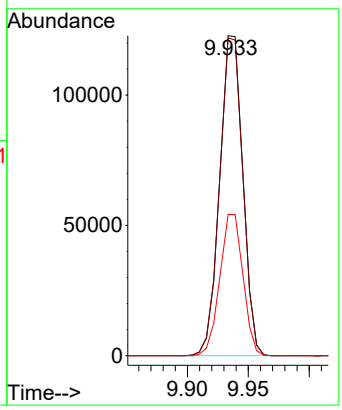




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:164 Resp: 16270

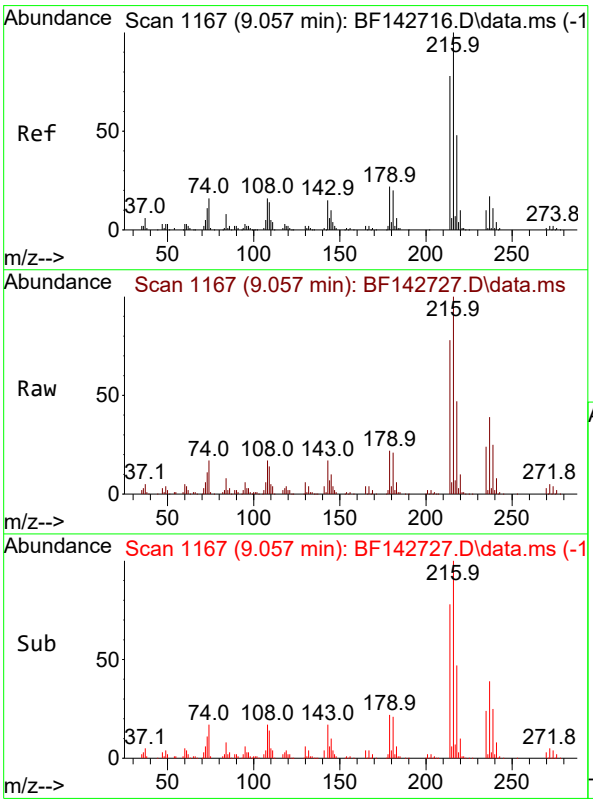
Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.9	119.9
160	44.1	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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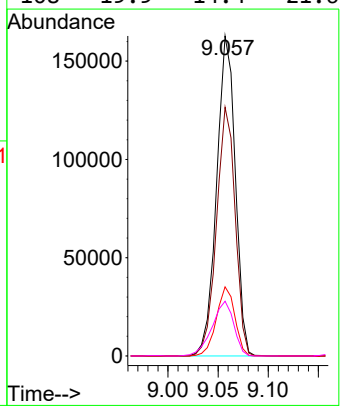
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

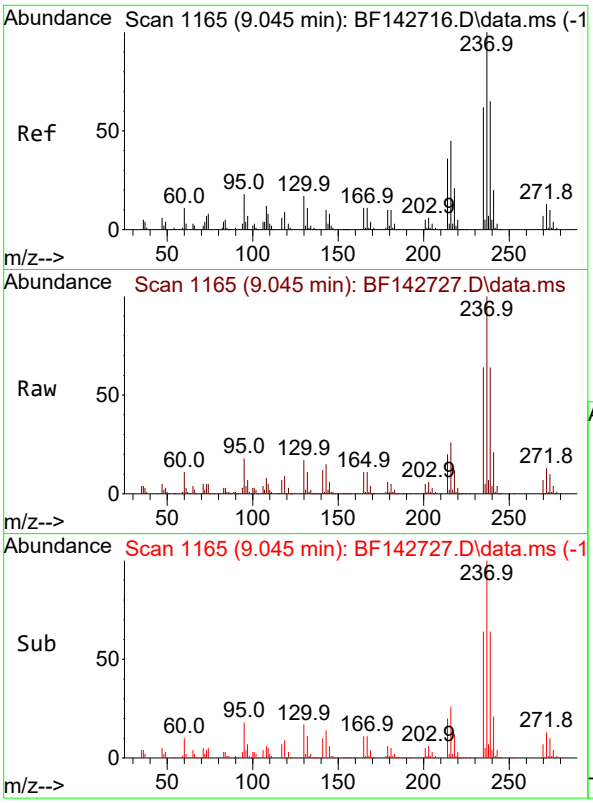


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.743 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:216 Resp: 210701

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	94.0
179	21.4	17.1	25.7
108	19.9	14.4	21.6

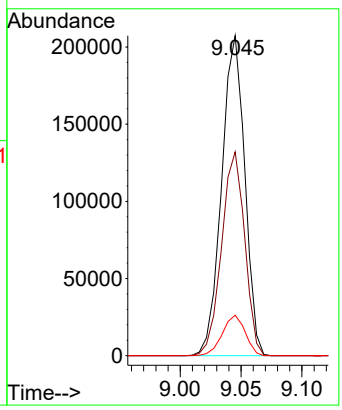




#41
Hexachlorocyclopentadiene
Concen: 90.621 ng
RT: 9.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:237 Resp: 27389

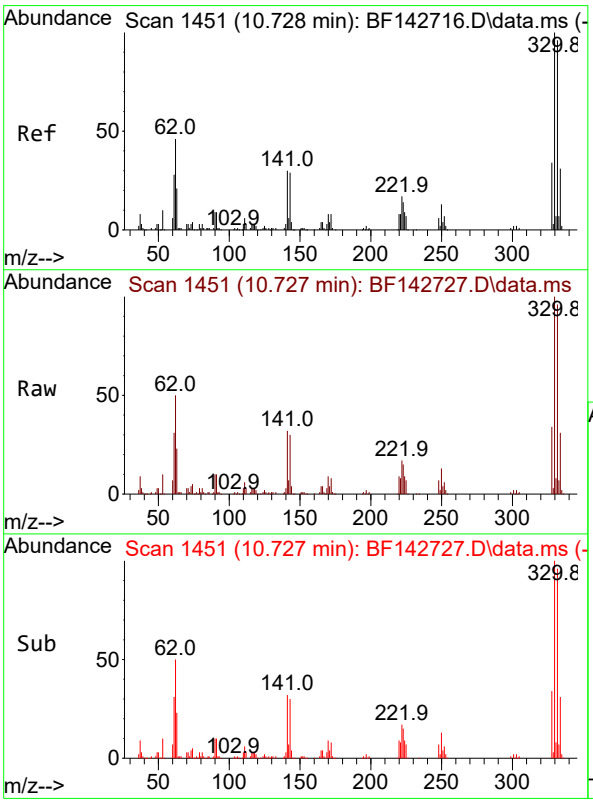
Ion	Ratio	Lower	Upper
237	100		
235	63.7	41.9	81.9
272	12.7	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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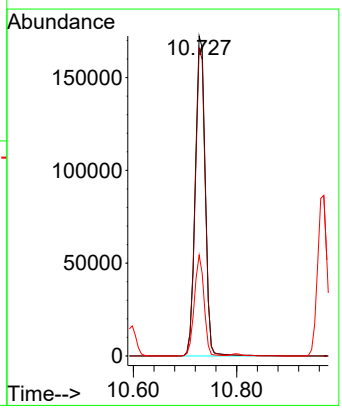
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

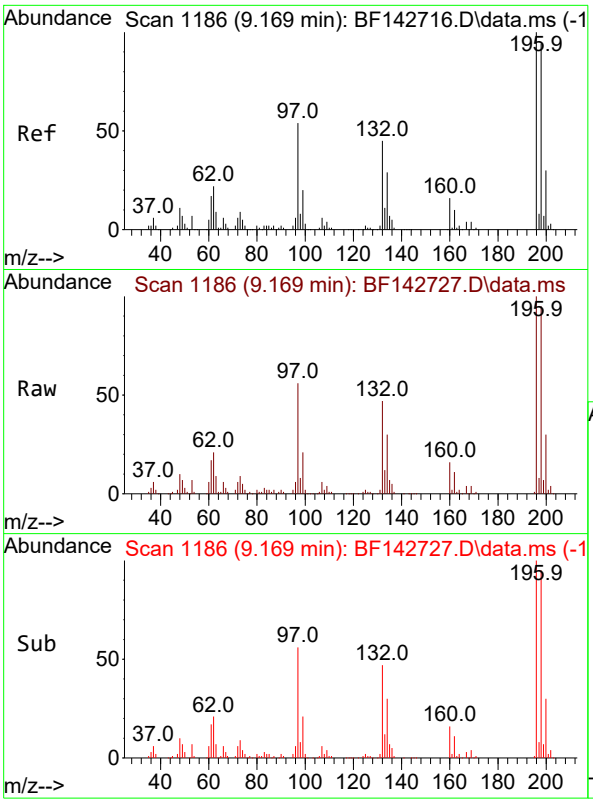


#42
2,4,6-Tribromophenol
Concen: 129.484 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:330 Resp: 230898

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	30.7	25.4	38.0

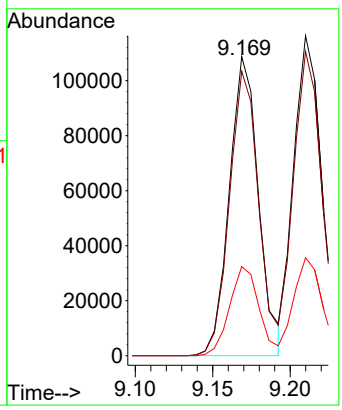




#43
2,4,6-Trichlorophenol
Concen: 46.719 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:196 Resp: 14241

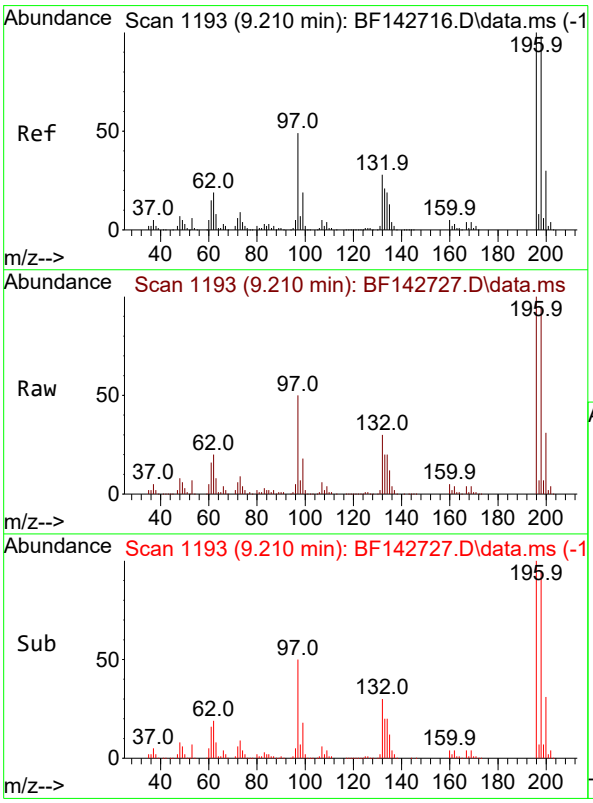
Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.5	113.3
200	29.8	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

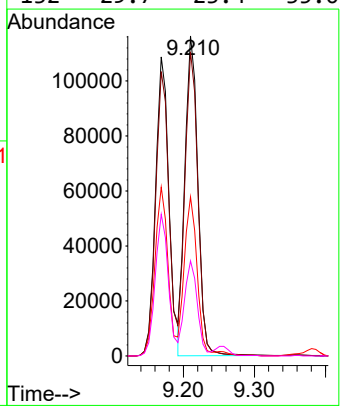
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

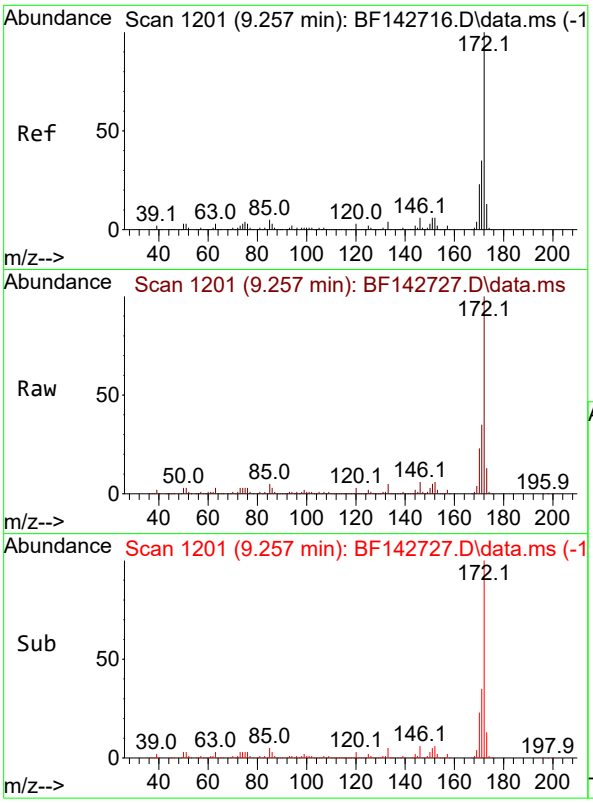


#44
2,4,5-Trichlorophenol
Concen: 44.861 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:196 Resp: 147700

Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.2	117.2
97	49.7	38.6	57.8
132	29.7	23.4	35.0

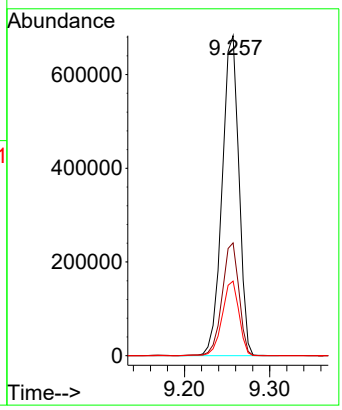




#45
2-Fluorobiphenyl
Concen: 76.223 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:172 Resp: 93348

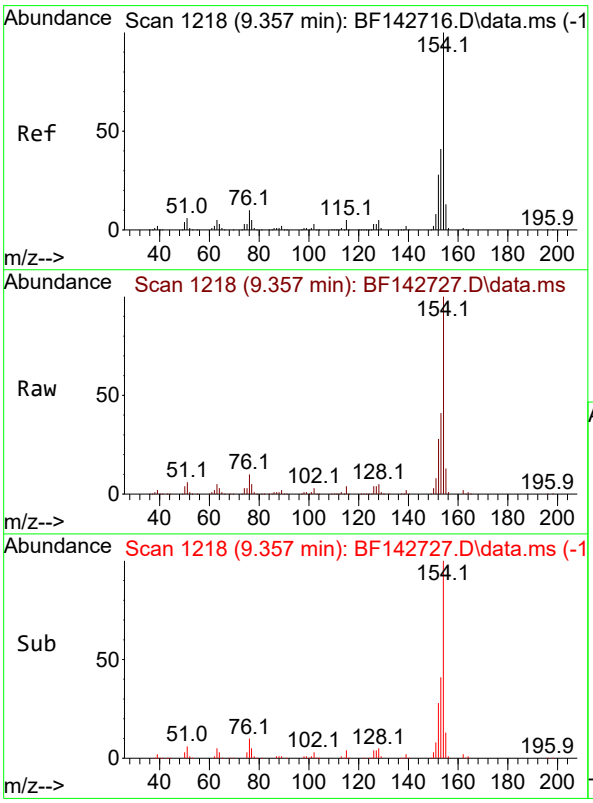
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.3	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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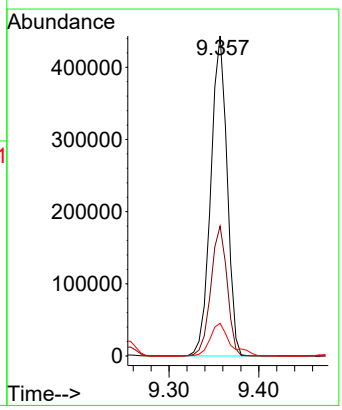
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

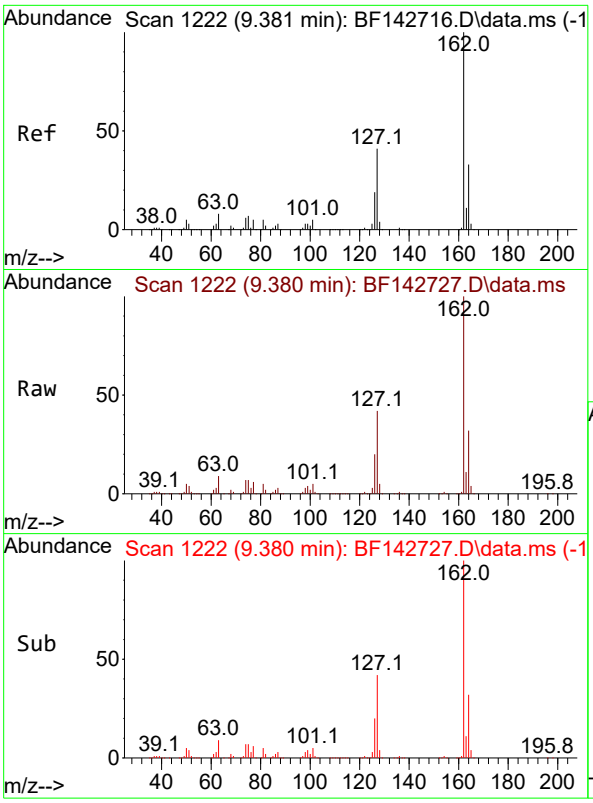


#46
1,1'-Biphenyl
Concen: 44.253 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:154 Resp: 559102

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	10.2	0.0	30.2

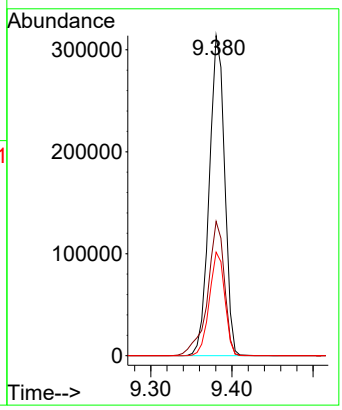




#47
2-Chloronaphthalene
Concen: 44.275 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:162 Resp: 41211

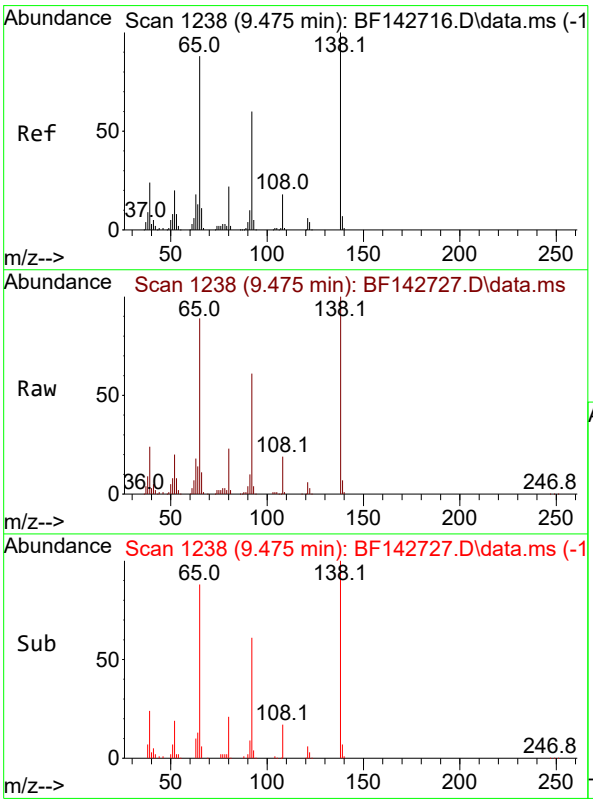
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.5	50.3
164	32.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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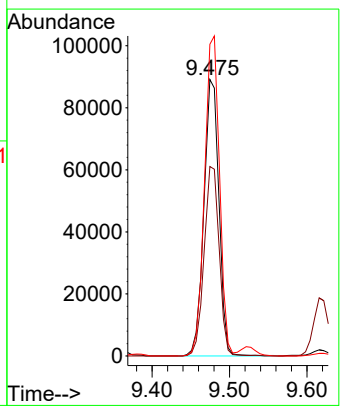
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

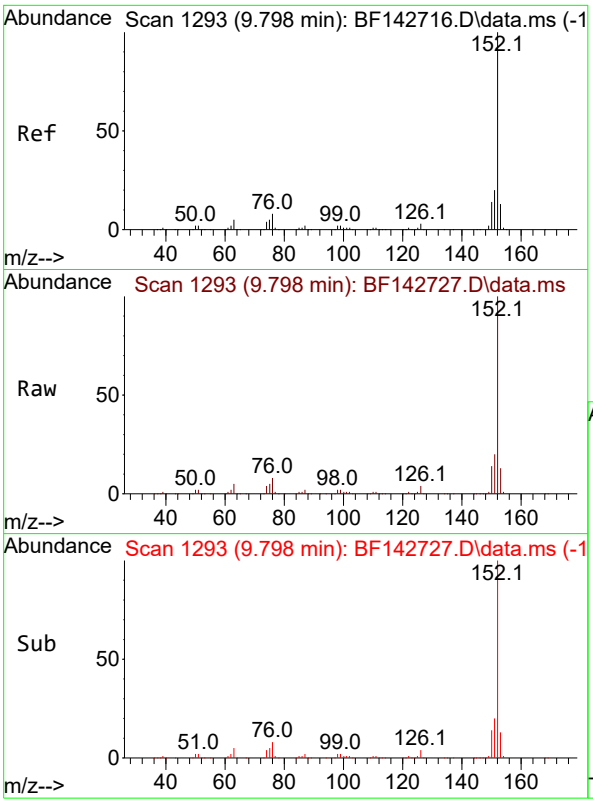


#48
2-Nitroaniline
Concen: 45.346 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 65 Resp: 120048

Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.5	81.7
138	112.7	90.6	136.0

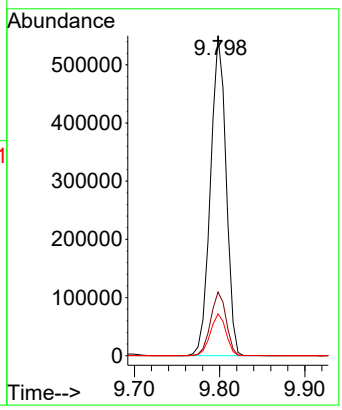




#49
Acenaphthylene
Concen: 44.715 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:152 Resp: 70177

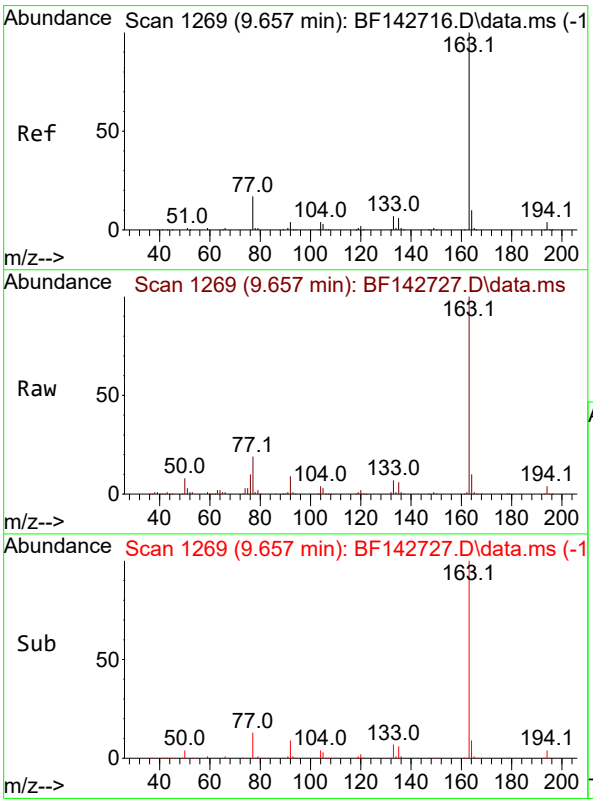
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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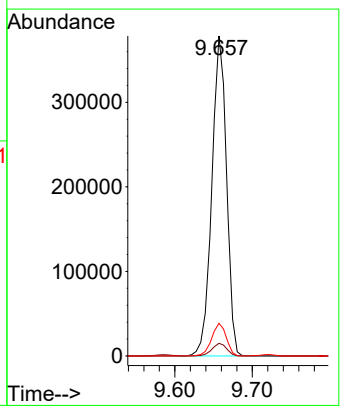
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

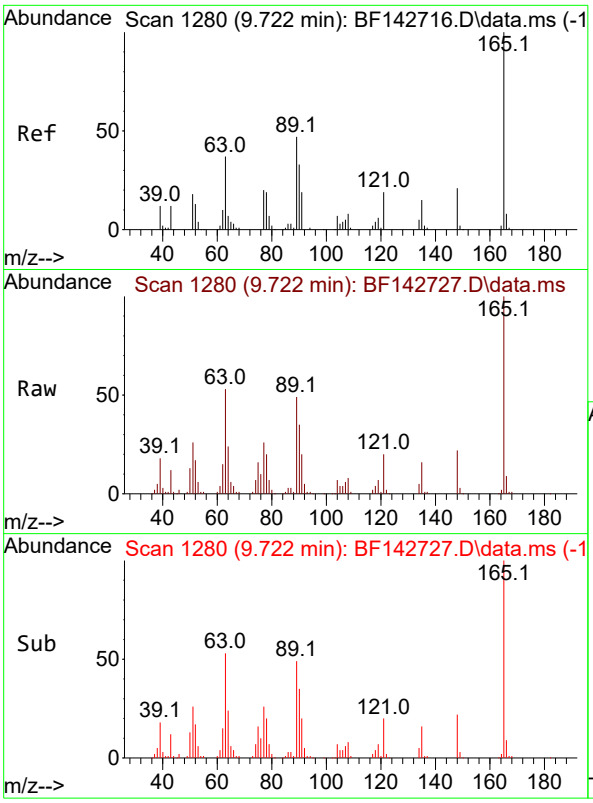


#50
Dimethylphthalate
Concen: 45.814 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:163 Resp: 497771

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 46.308 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

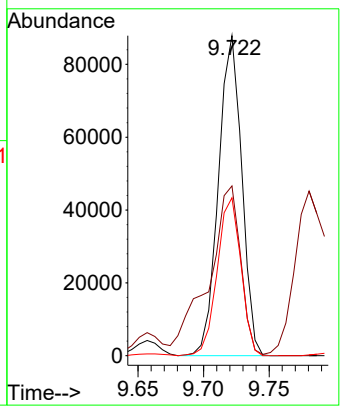
Tgt Ion:165 Resp: 10874

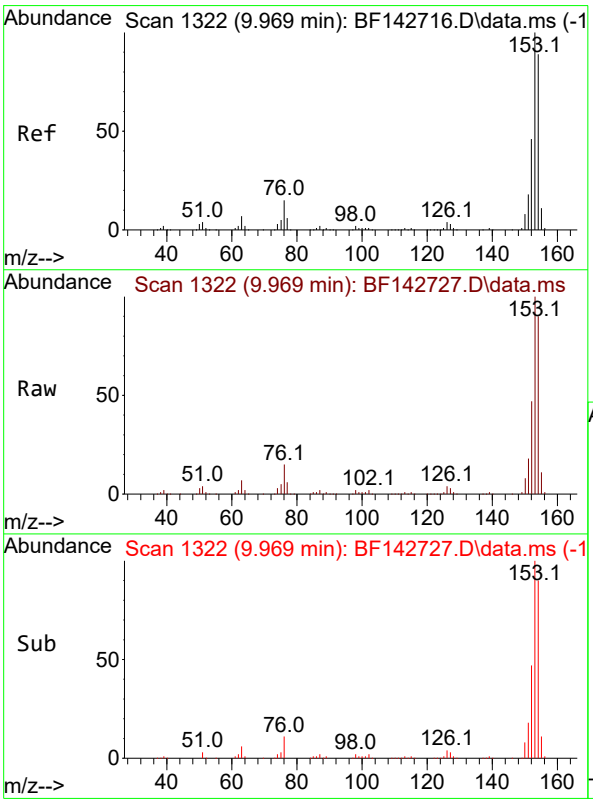
Ion	Ratio	Lower	Upper
165	100		
63	53.1	40.6	60.8
89	49.3	37.6	56.4

Instrument :
BNA_F
ClientSampleId :
PB168285BS

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

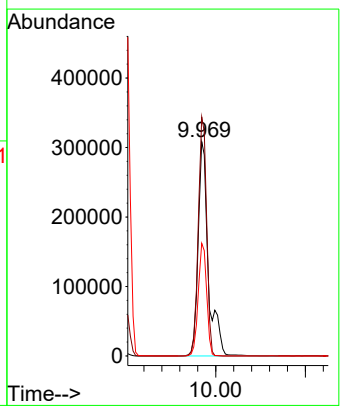


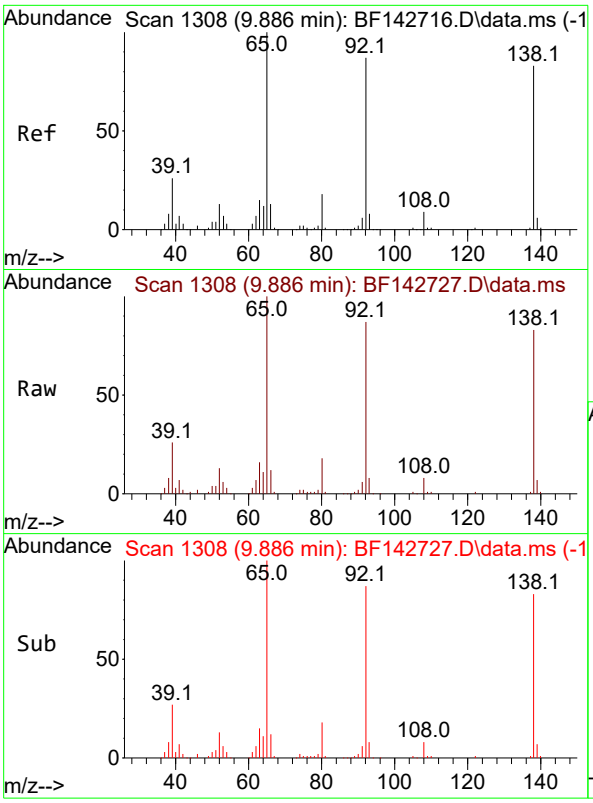


#52
Acenaphthene
Concen: 50.265 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:154 Resp: 489115

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.1	135.1
152	52.6	41.9	62.9

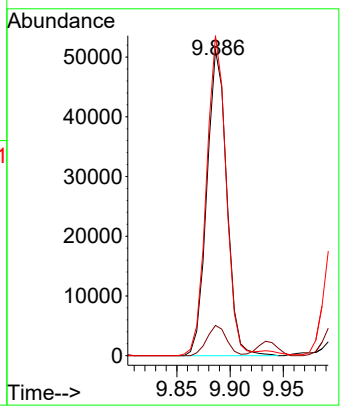




#53
3-Nitroaniline
Concen: 26.152 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:138 Resp: 6660

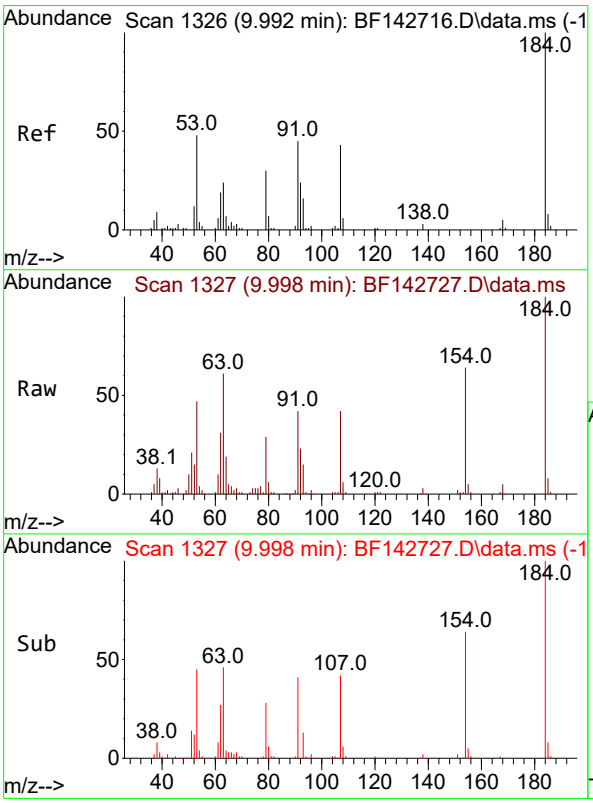
Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	104.7	84.6	127.0



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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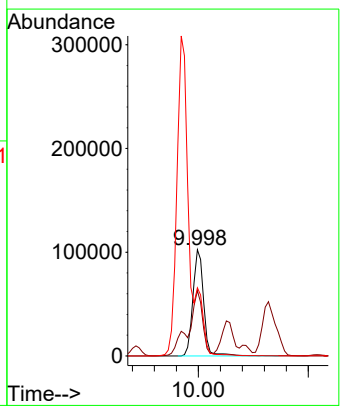
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

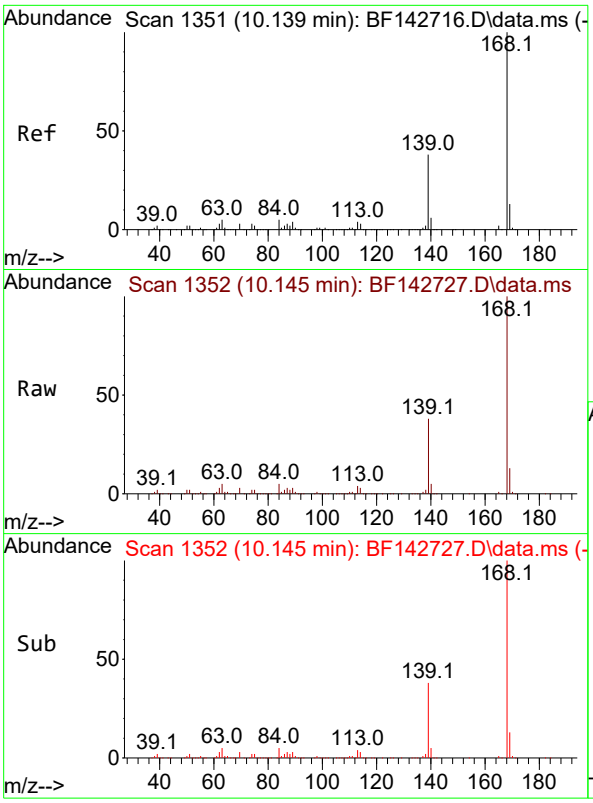


#54
2,4-Dinitrophenol
Concen: 108.465 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:184 Resp: 139520

Ion	Ratio	Lower	Upper
184	100		
63	61.5	51.7	77.5
154	64.3	60.1	90.1

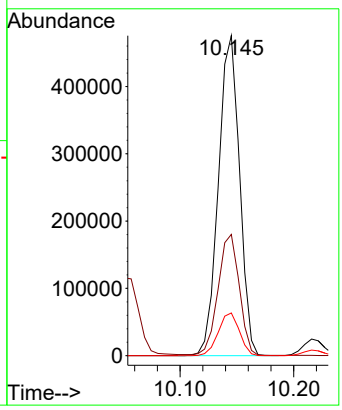




#55
Dibenzofuran
Concen: 44.398 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:168 Resp: 61521

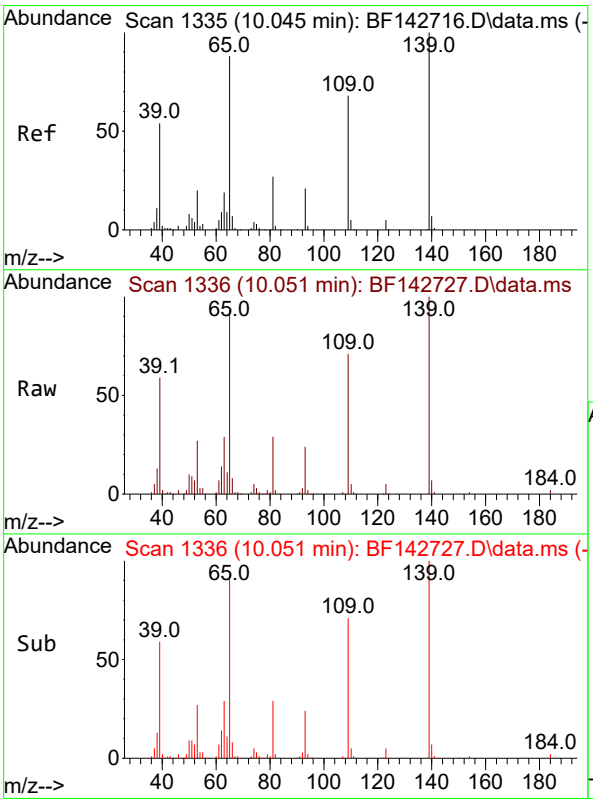
Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.9	46.3
169	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

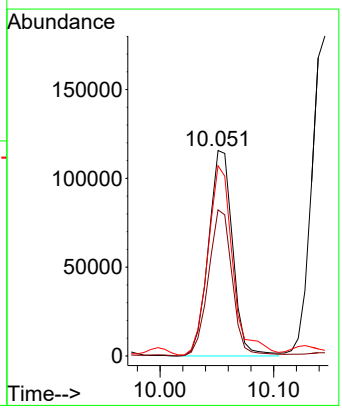
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

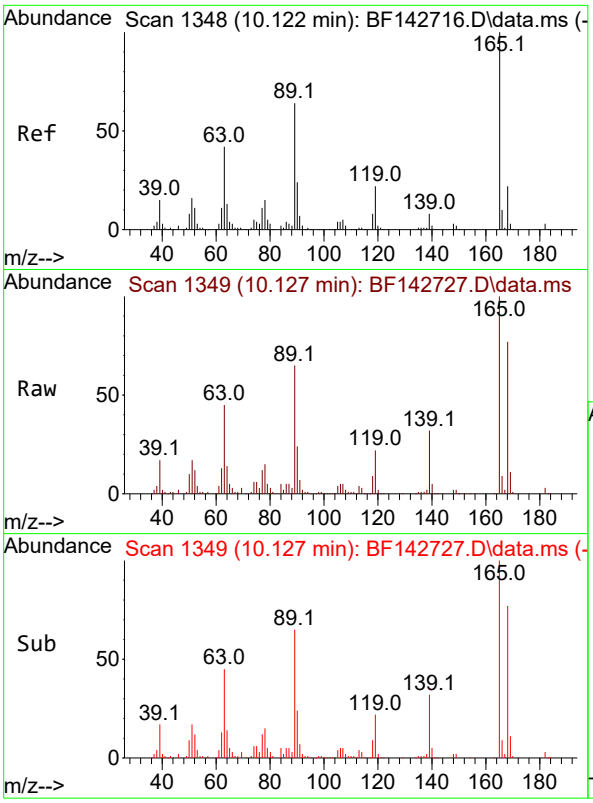


#56
4-Nitrophenol
Concen: 98.864 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:139 Resp: 170781

Ion	Ratio	Lower	Upper
139	100		
109	71.1	47.5	87.5
65	92.5	69.2	109.2

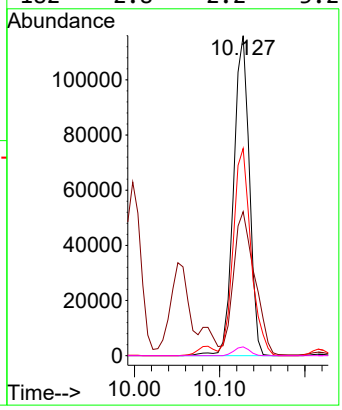




#57
2,4-Dinitrotoluene
Concen: 48.027 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:165 Resp: 14911

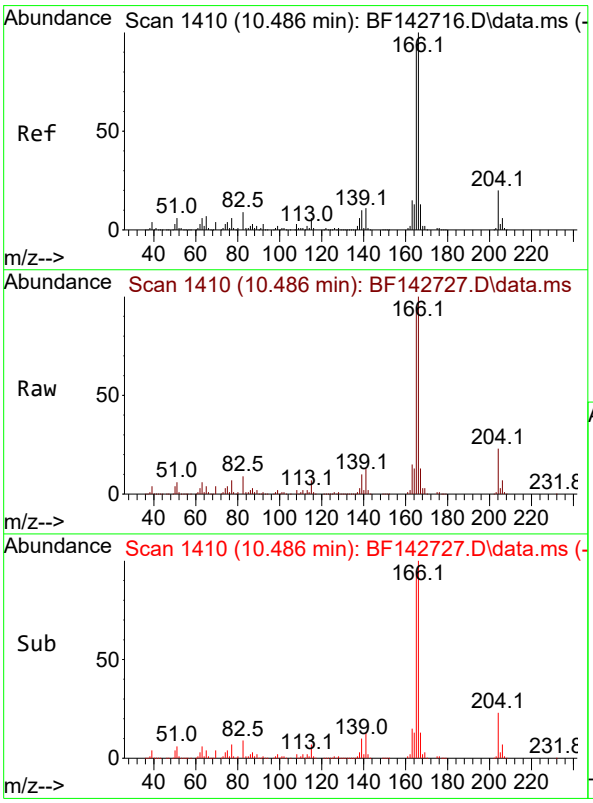
Ion	Ratio	Lower	Upper
165	100		
63	45.0	34.1	51.1
89	64.7	50.8	76.2
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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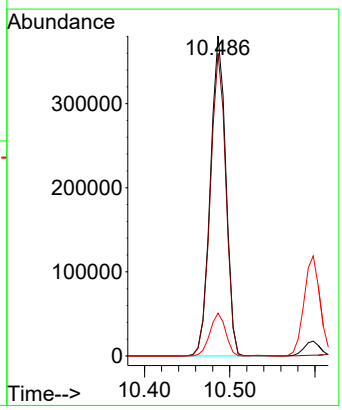
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

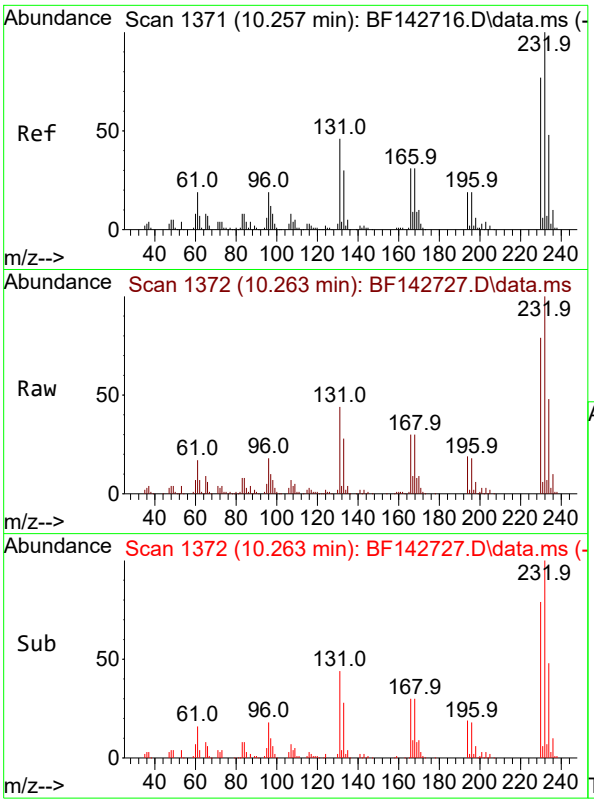


#58
Fluorene
Concen: 43.876 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:166 Resp: 480108

Ion	Ratio	Lower	Upper
166	100		
165	94.6	74.9	112.3
167	13.4	10.7	16.1

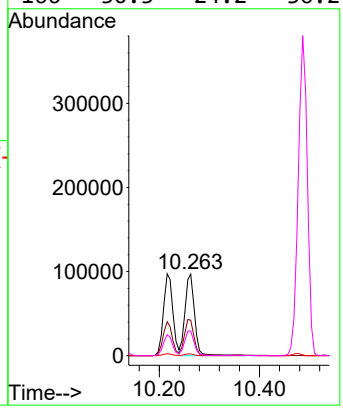




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:232 Resp: 12770

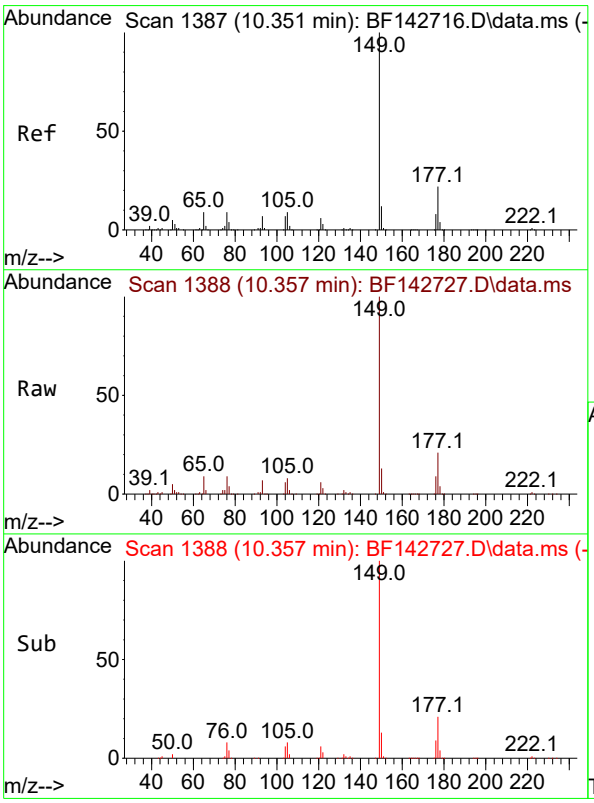
Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.8	53.8
130	2.2	1.8	2.6
166	30.3	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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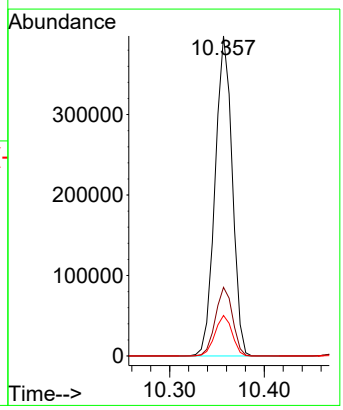
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

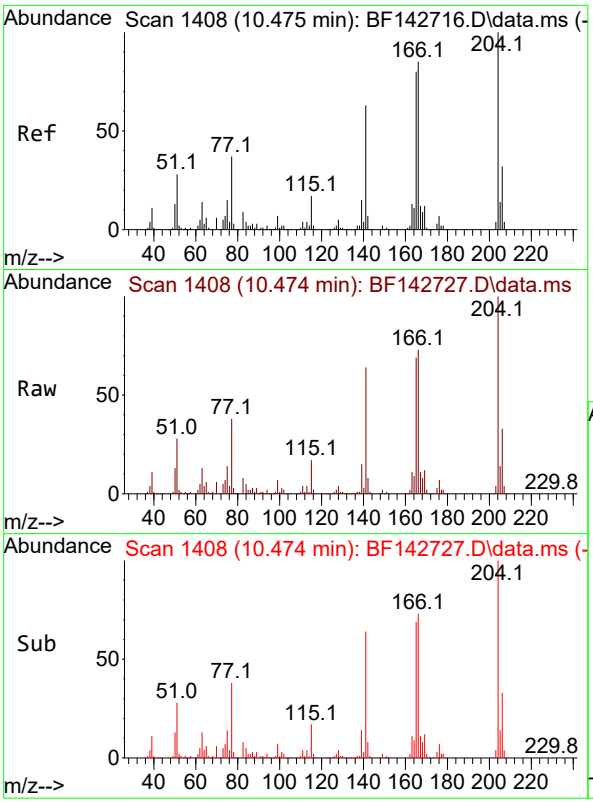


#60
Diethylphthalate
Concen: 46.443 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:149 Resp: 500364

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	12.6	10.0	15.0

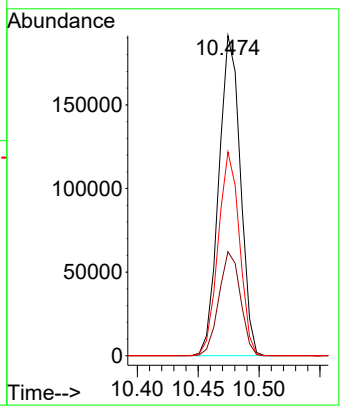




#61
4-Chlorophenyl-phenylether
Concen: 44.082 ng
RT: 10.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:204 Resp: 23556

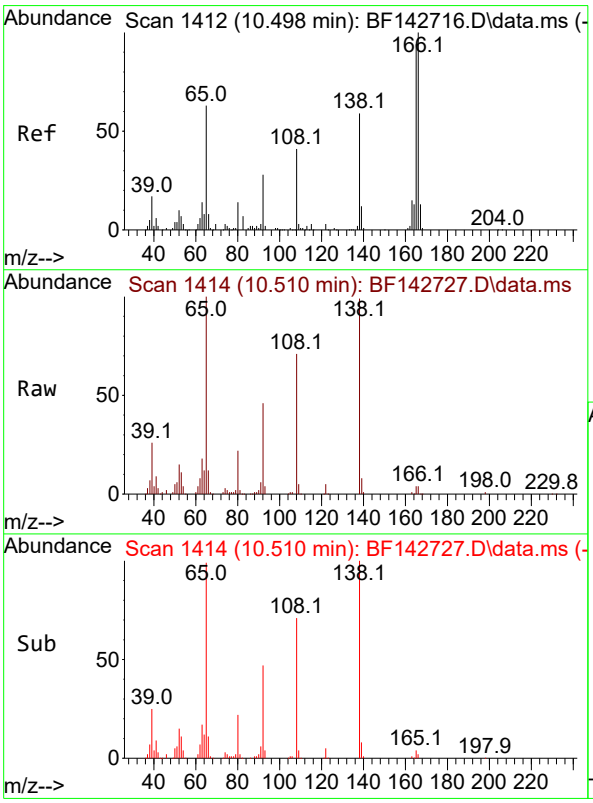
Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	63.7	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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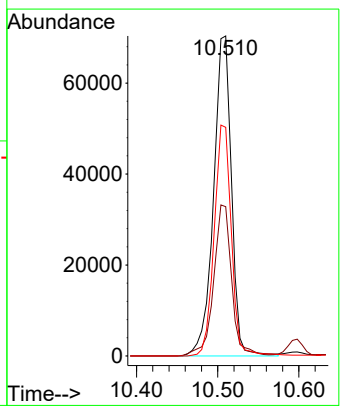
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

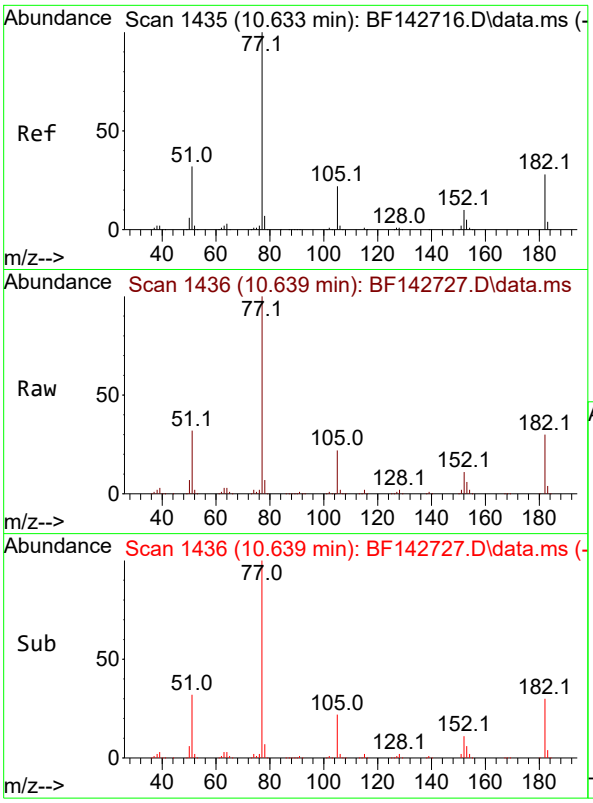


#62
4-Nitroaniline
Concen: 47.514 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:138 Resp: 108265

Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.2	67.2
108	71.5	49.9	89.9

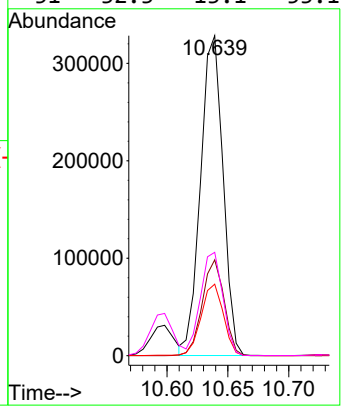




#63
Azobenzene
Concen: 44.810 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 77 Resp: 42162

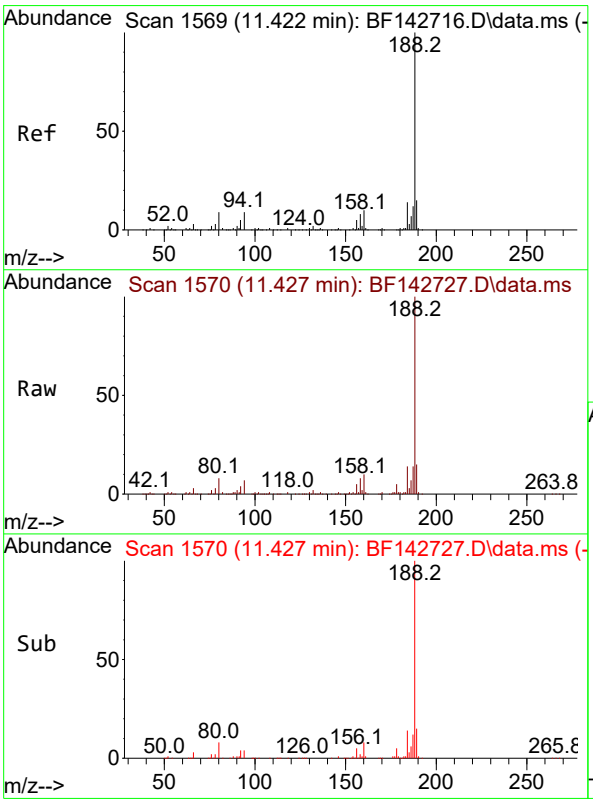
Ion	Ratio	Lower	Upper
77	100		
182	30.0	7.8	47.8
105	22.4	1.9	41.9
51	32.3	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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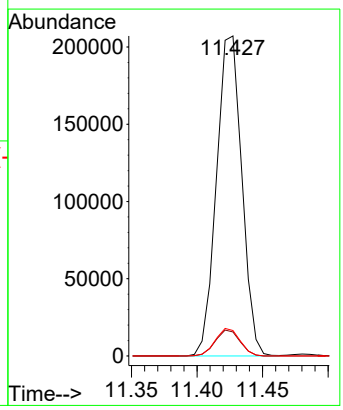
Reviewed By :Anahy Claudio 06/12/2025
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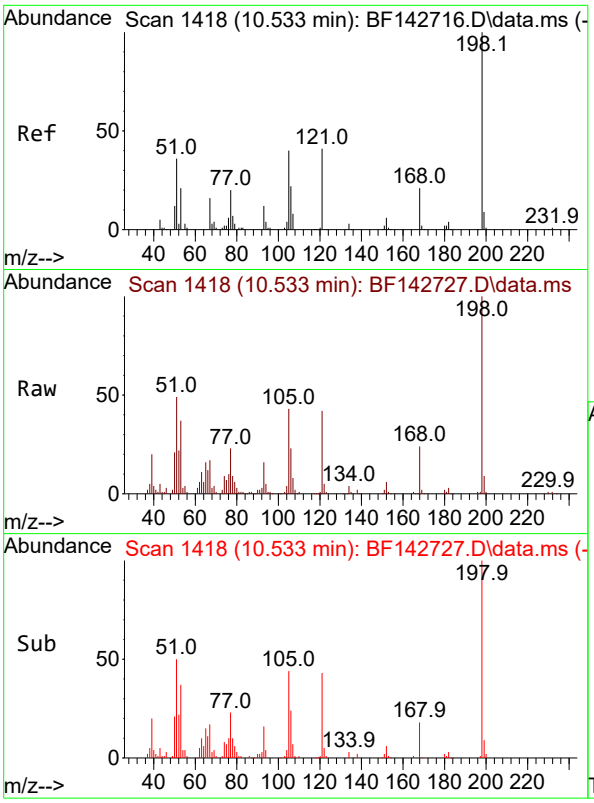


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:188 Resp: 278222

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.8	10.2
80	7.9	7.1	10.7

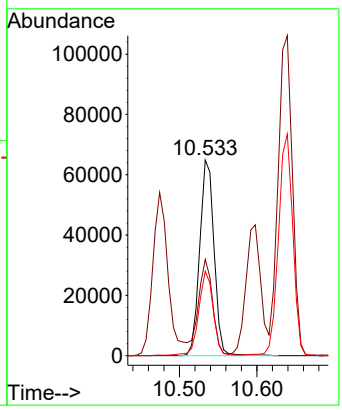




#65
4,6-Dinitro-2-methylphenol
Concen: 48.031 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:198 Resp: 8368

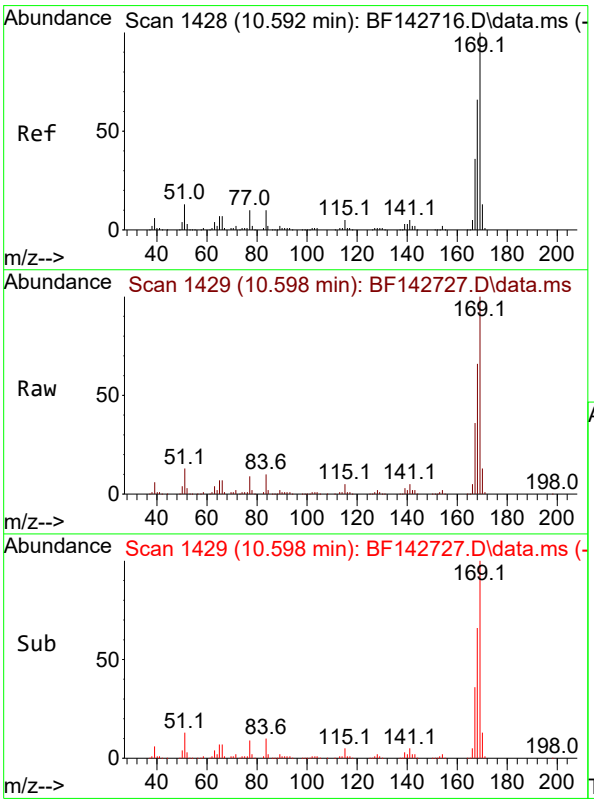
Ion	Ratio	Lower	Upper
198	100		
51	49.2	25.5	65.5
105	43.1	21.1	61.1



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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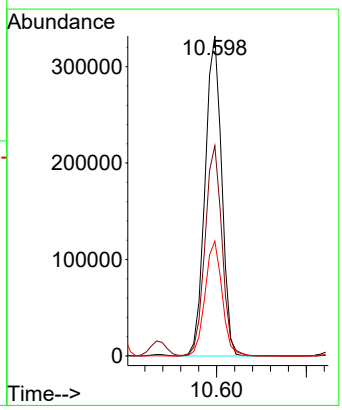
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

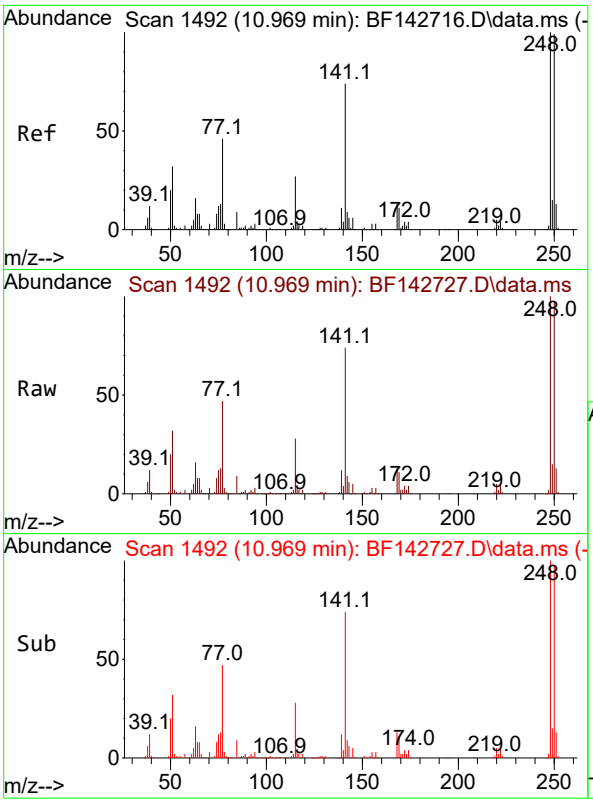


#66
n-Nitrosodiphenylamine
Concen: 44.399 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:169 Resp: 424612

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.0	79.4
167	35.9	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 43.914 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

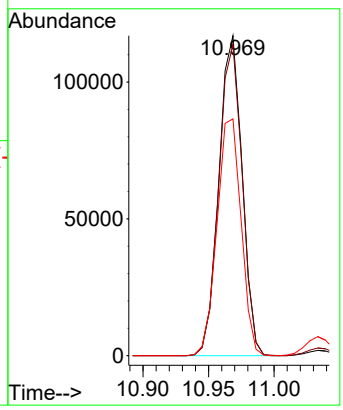
Instrument :
BNA_F
ClientSampleId :
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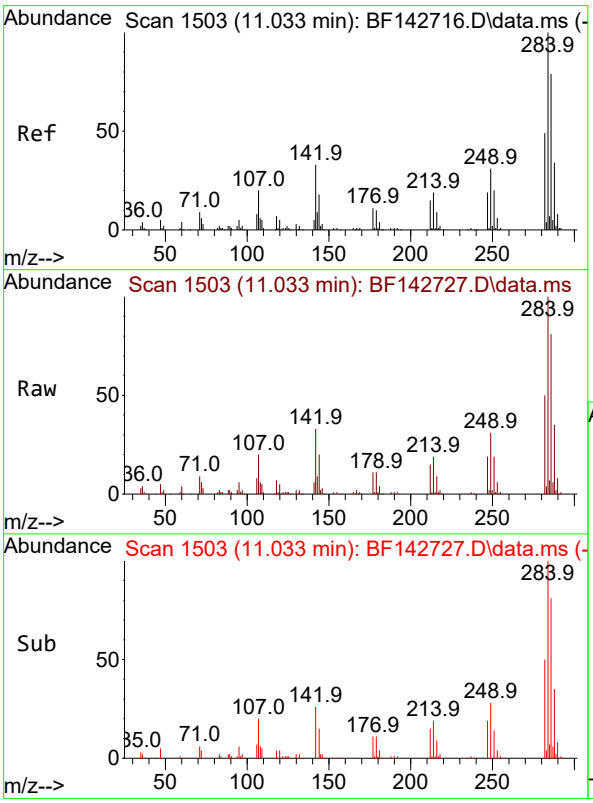
Tgt Ion:248 Resp: 14421

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.2	118.8
141	74.0	59.3	88.9

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Supervised By :Jagrut Upadhyay 06/12/2025

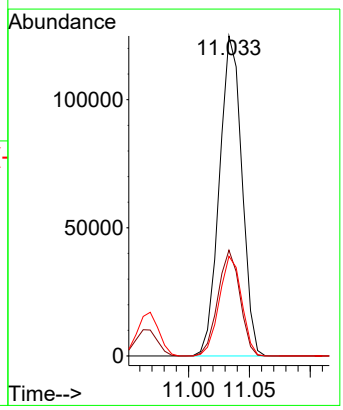


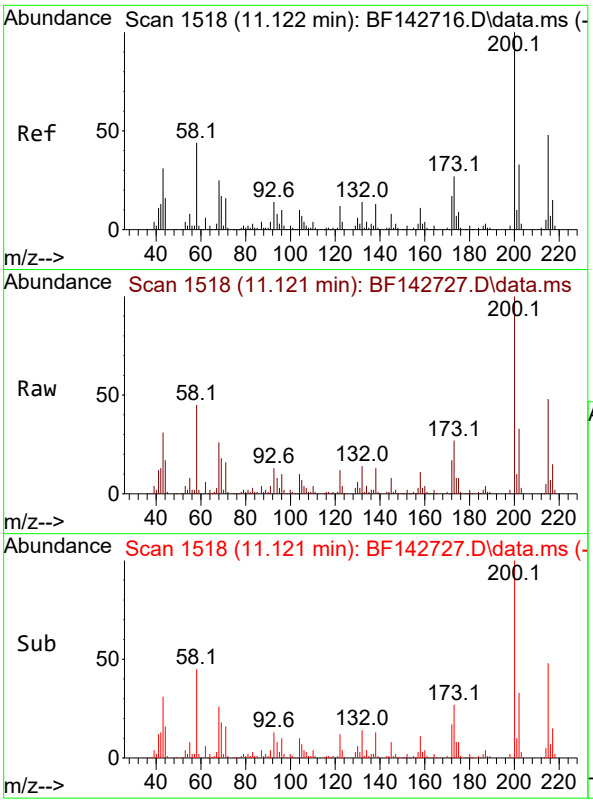


#68
Hexachlorobenzene
Concen: 44.053 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:284 Resp: 160594

Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.0	39.0
249	31.2	24.6	37.0

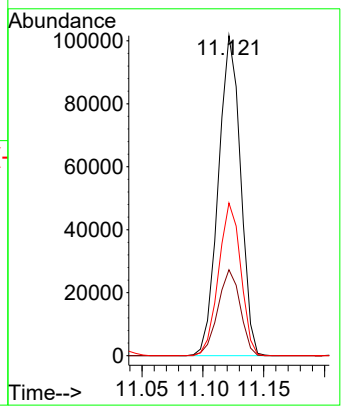




#69
Atrazine
Concen: 50.593 ng
RT: 11.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:200 Resp: 12899

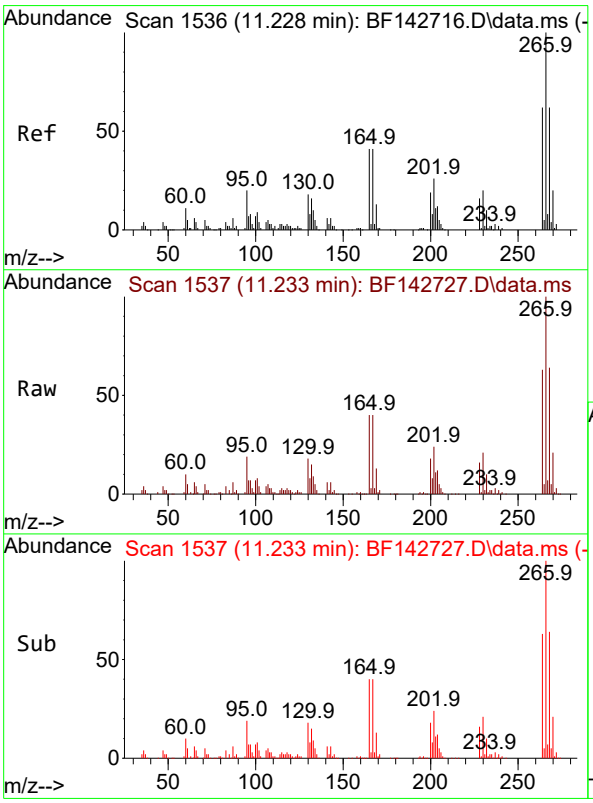
Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.4	47.4
215	47.7	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
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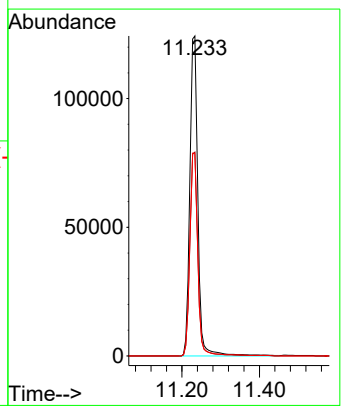
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

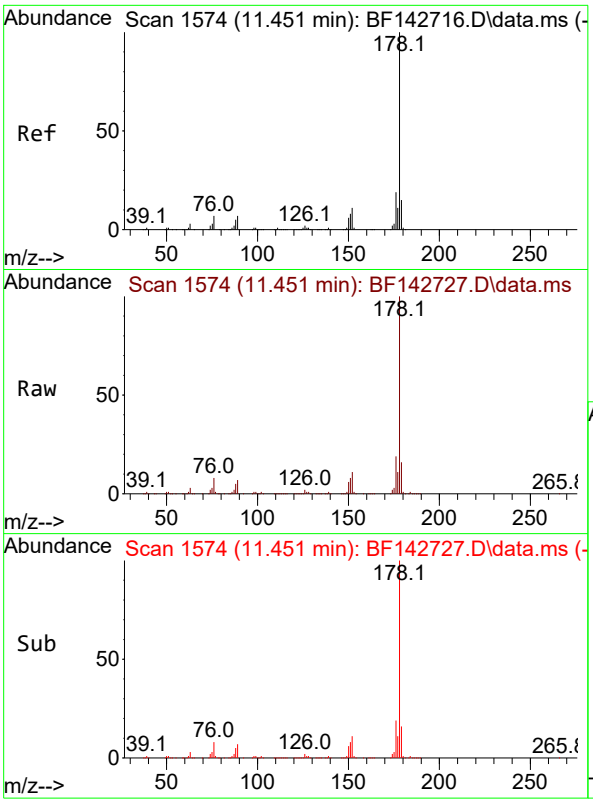


#70
Pentachlorophenol
Concen: 93.589 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:266 Resp: 178839

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.6	74.4
264	63.4	49.5	74.3

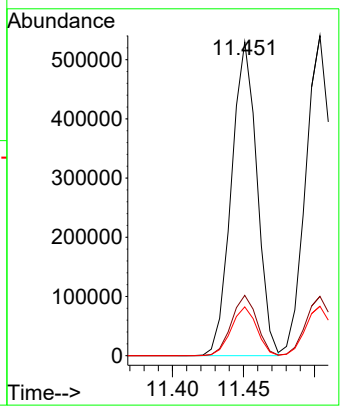




#71
Phenanthrene
Concen: 44.483 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

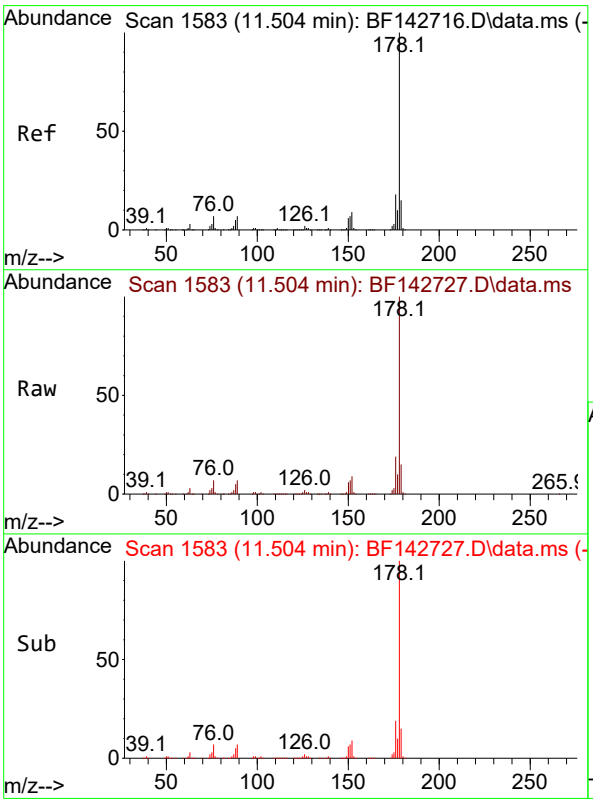
Tgt Ion:178 Resp: 66303

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
PB168285BS

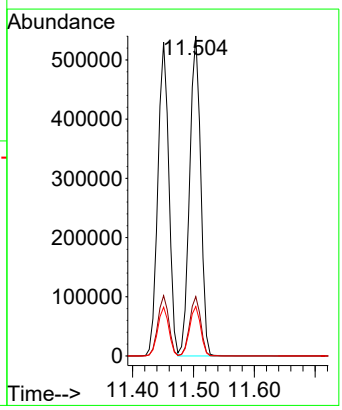
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

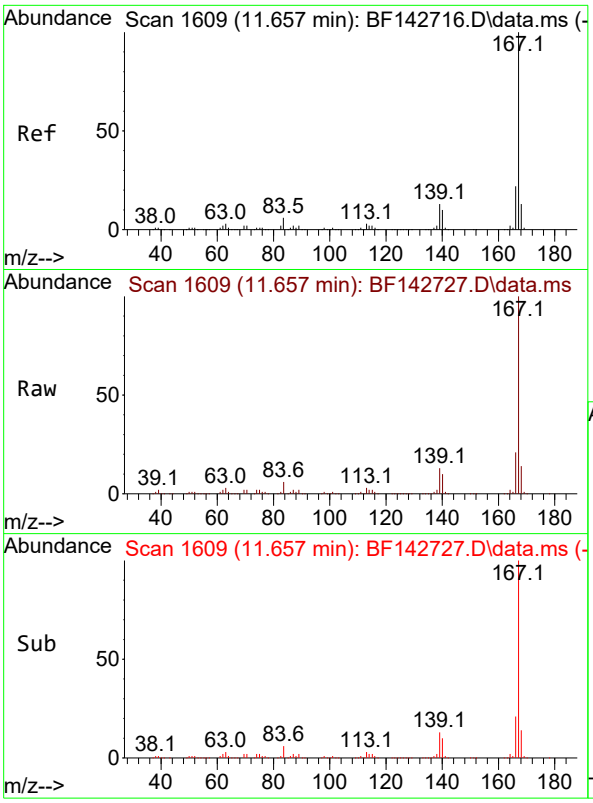


#72
Anthracene
Concen: 44.184 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:178 Resp: 681281

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.5	12.2	18.2

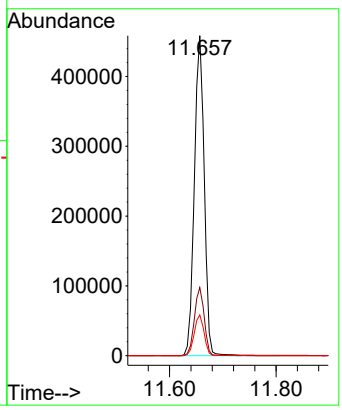




#73
Carbazole
Concen: 45.737 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:167 Resp: 59039

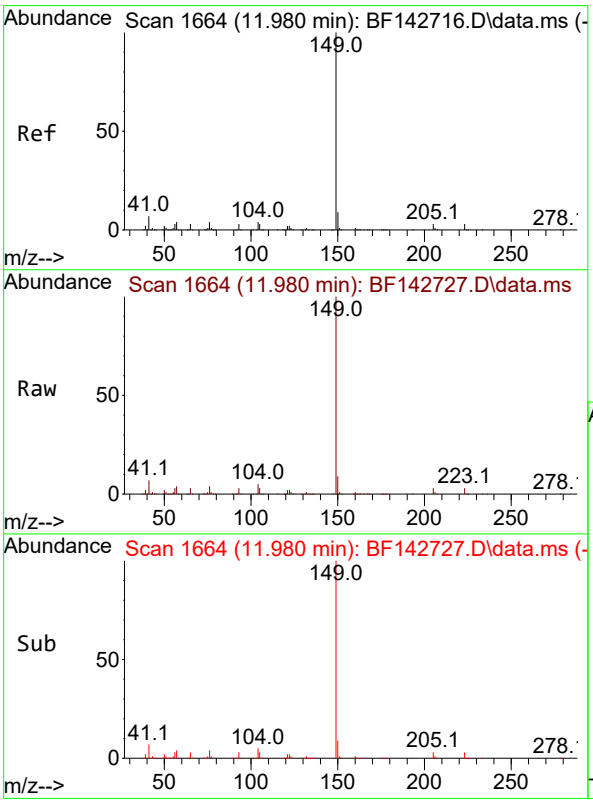
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.7	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

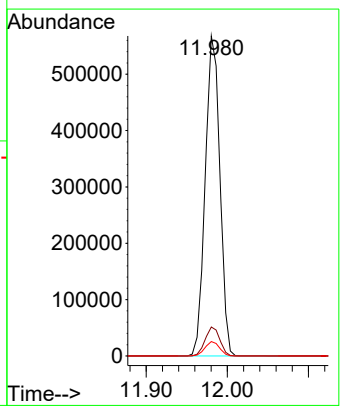
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

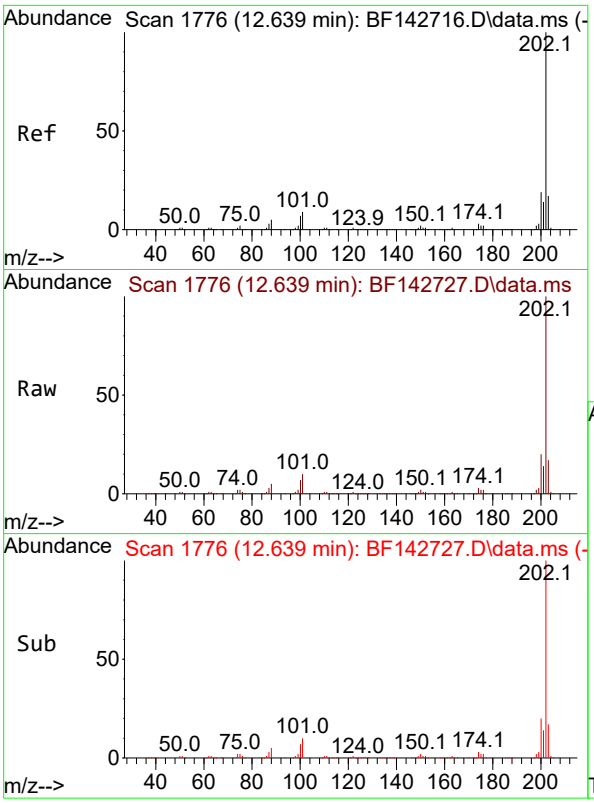


#74
Di-n-butylphthalate
Concen: 49.299 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:149 Resp: 710586

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	4.5	3.4	5.2

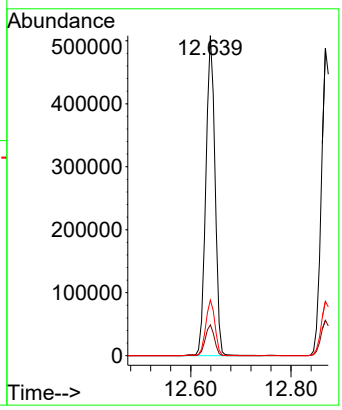




#75
Fluoranthene
Concen: 45.714 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:202 Resp: 64791

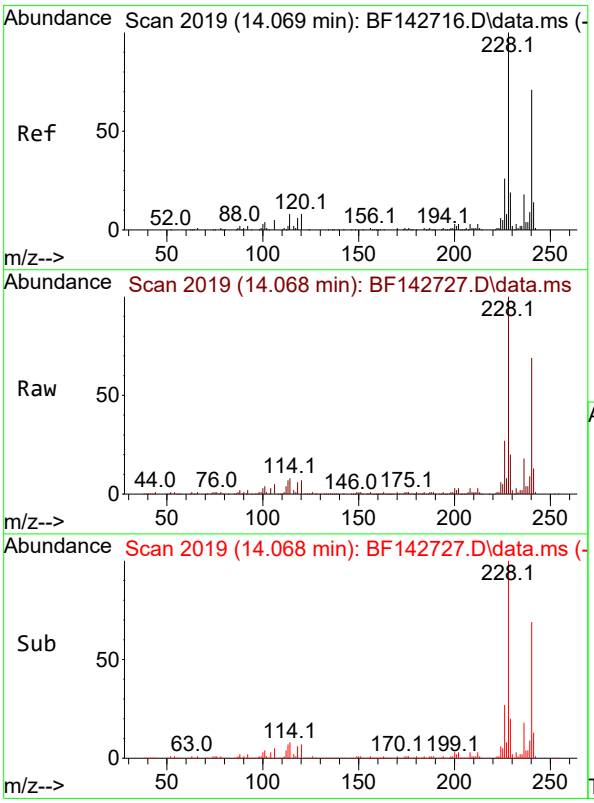
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.5
203	17.4	0.0	37.0



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

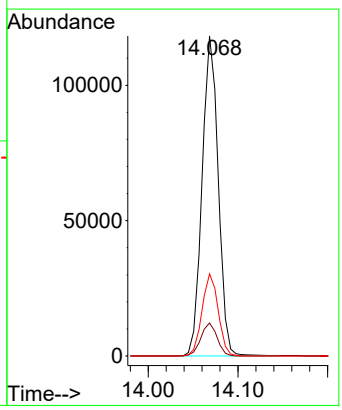
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

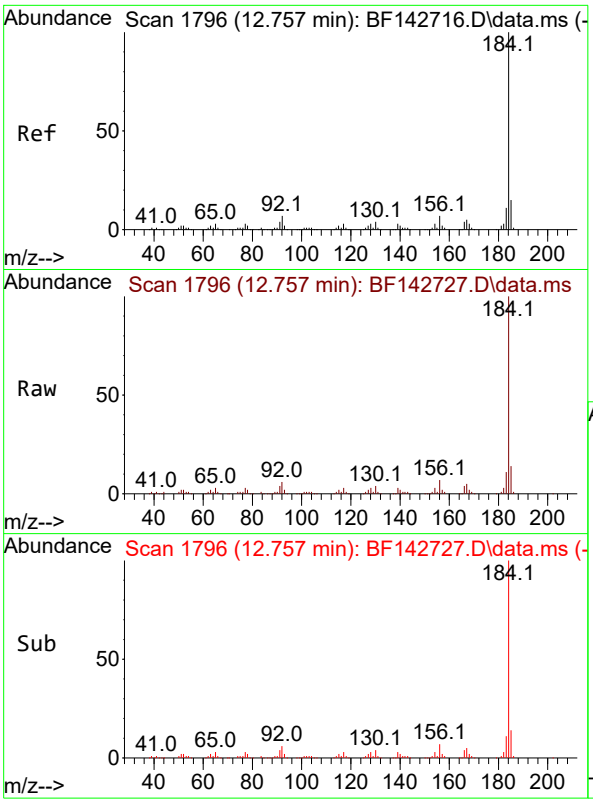


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:240 Resp: 147780

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	25.7	20.1	30.1

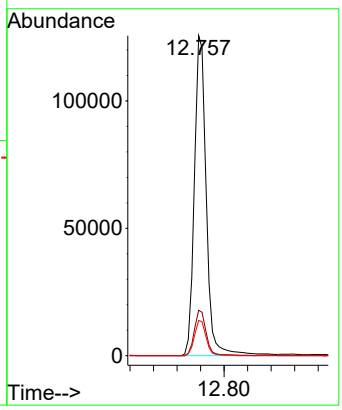




#77
Benzidine
Concen: 33.716 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:184 Resp: 17744

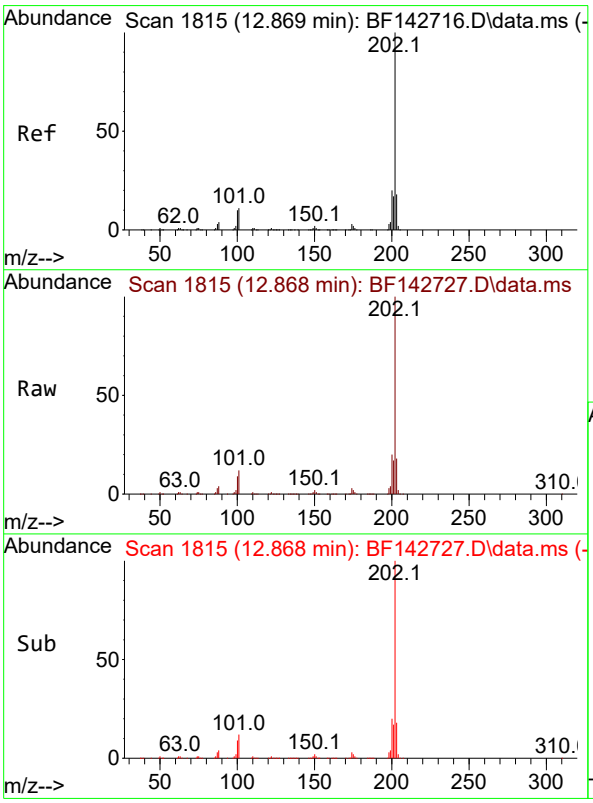
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	11.0	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

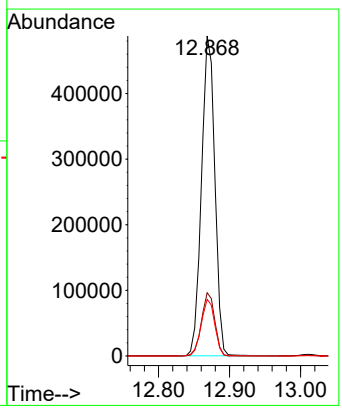
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

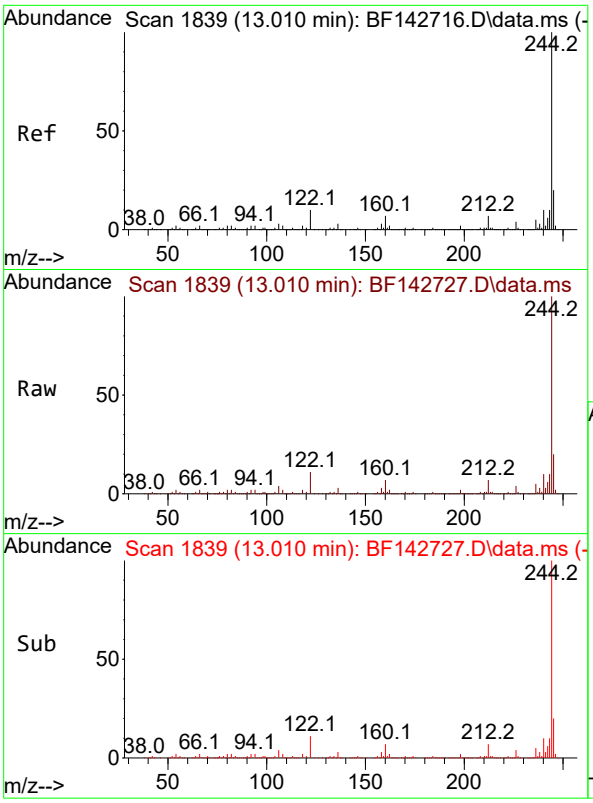


#78
Pyrene
Concen: 46.522 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:202 Resp: 638902

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.7	14.1	21.1

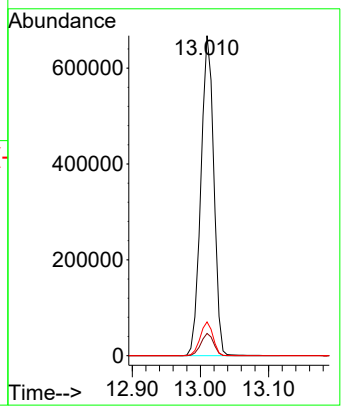




#79
Terphenyl-d14
Concen: 81.752 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:244 Resp: 87963

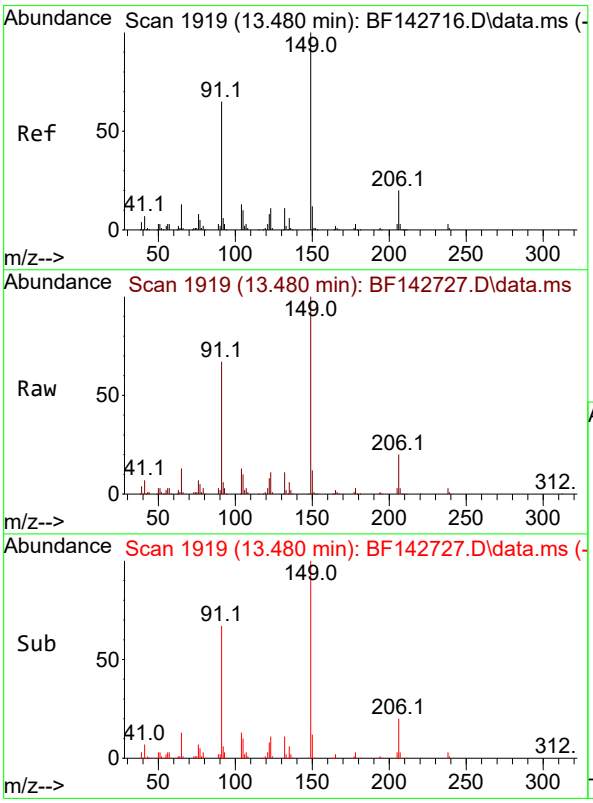
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

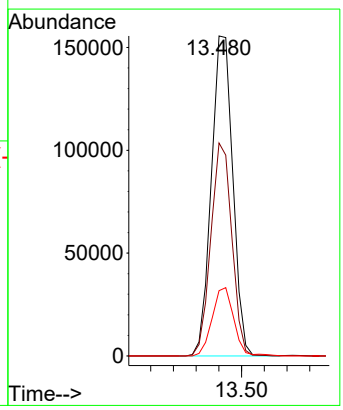
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

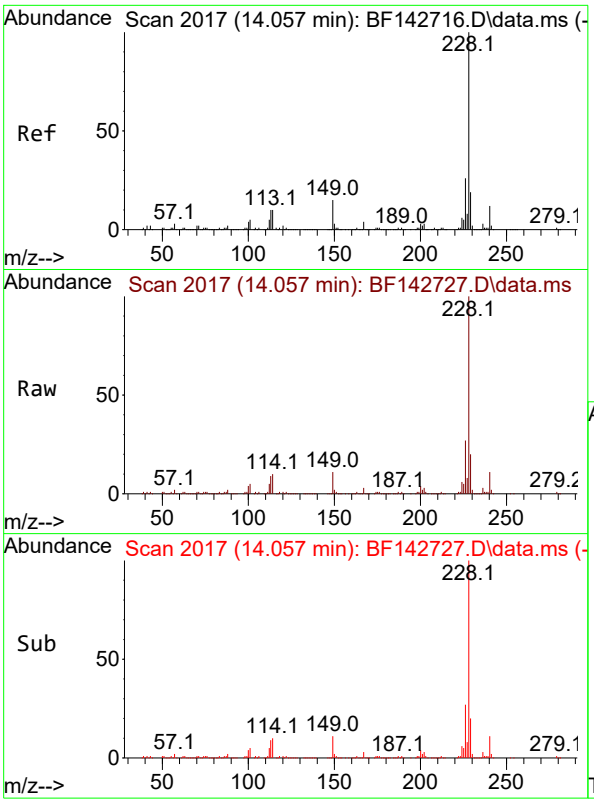


#80
Butylbenzylphthalate
Concen: 50.362 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:149 Resp: 204524

Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.3	78.5
206	20.4	16.0	24.0

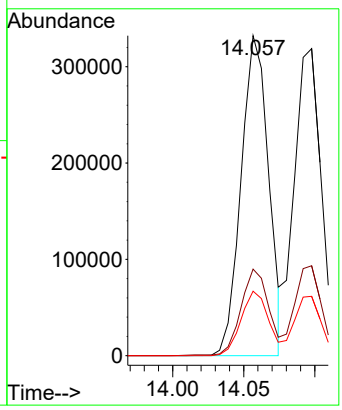




#81
Benzo(a)anthracene
Concen: 45.741 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:228 Resp: 44793

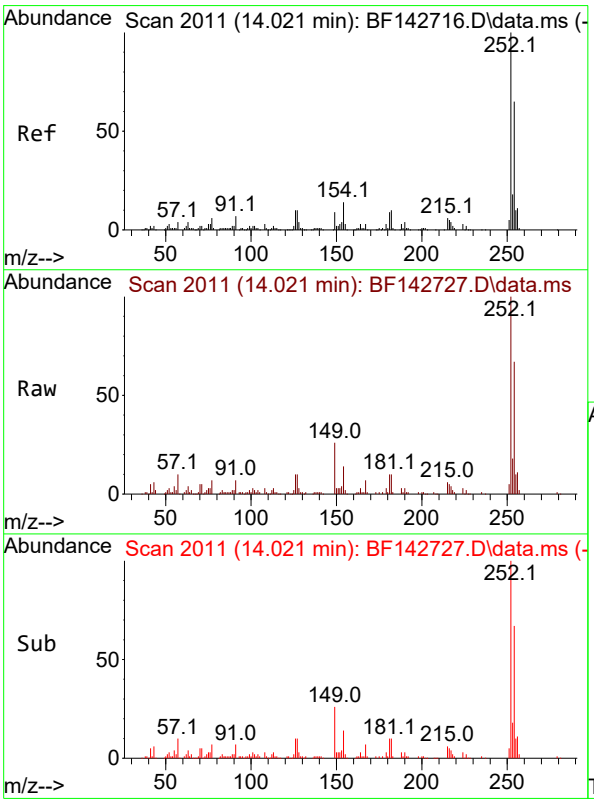
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	20.2	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

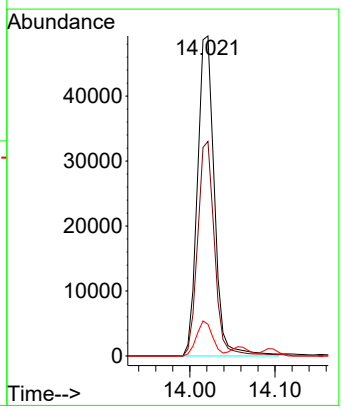
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

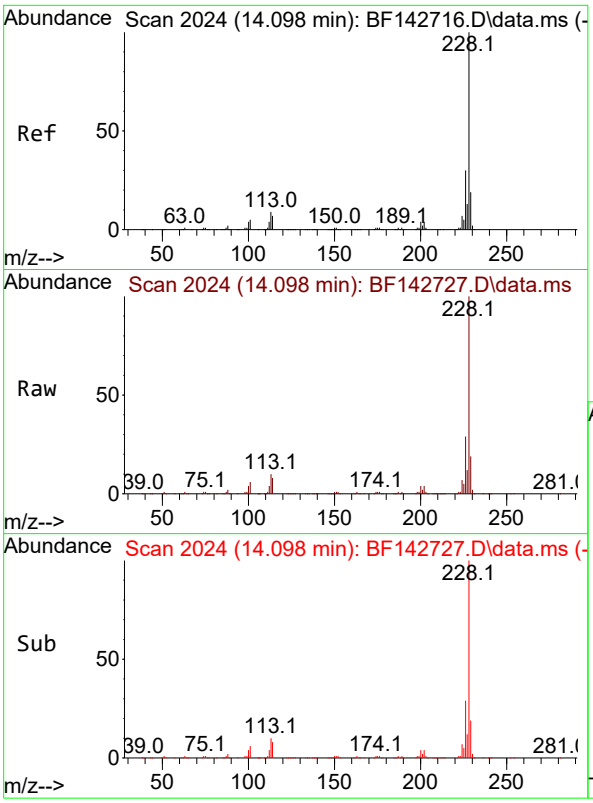


#82
3,3'-Dichlorobenzidine
Concen: 21.556 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:252 Resp: 68073

Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.8	77.6
126	9.9	8.1	12.1

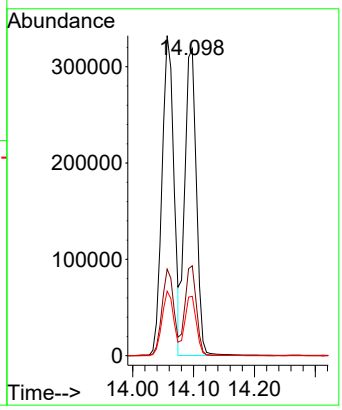




#83
Chrysene
Concen: 46.725 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:228 Resp: 42246

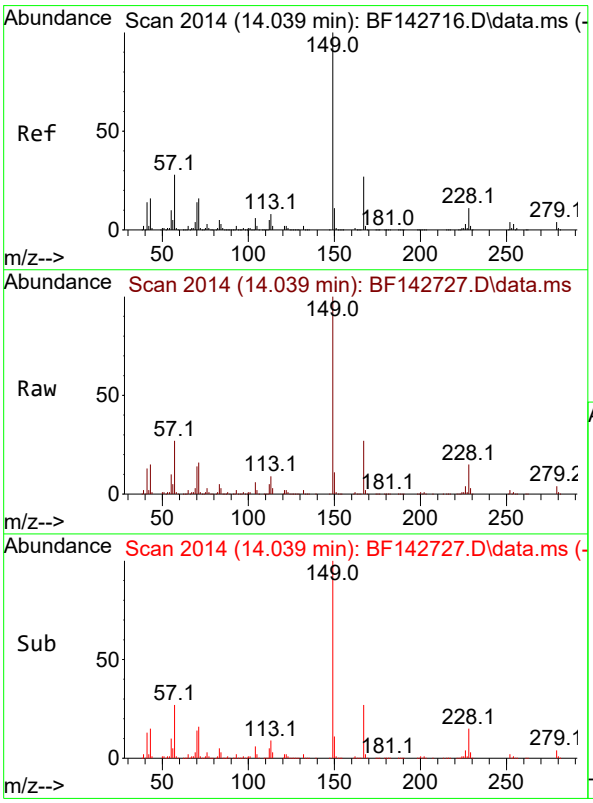
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.3	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

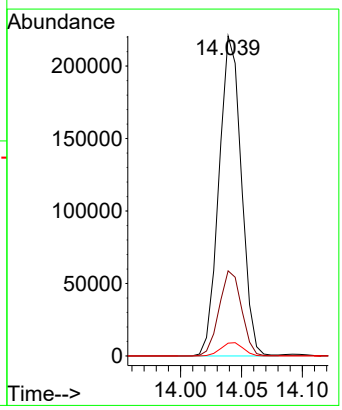
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

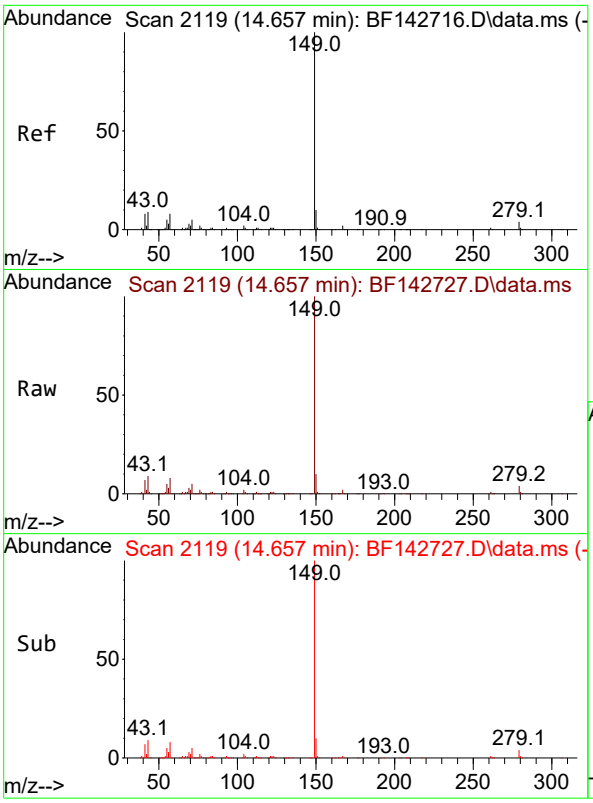


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.345 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:149 Resp: 282460

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.2
279	4.0	3.0	4.4

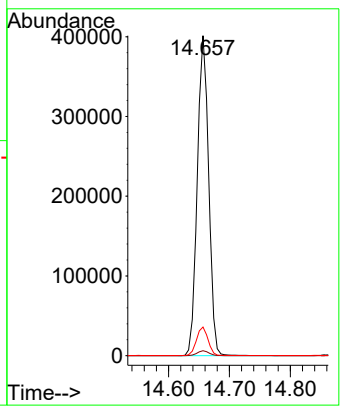




#85
Di-n-octyl phthalate
Concen: 44.480 ng
RT: 14.657 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:149 Resp: 52009

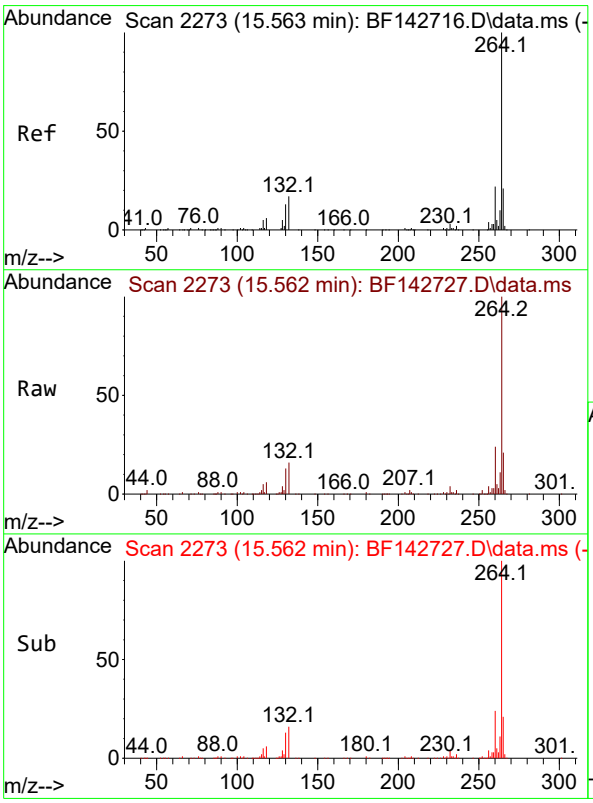
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.3	10.9



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

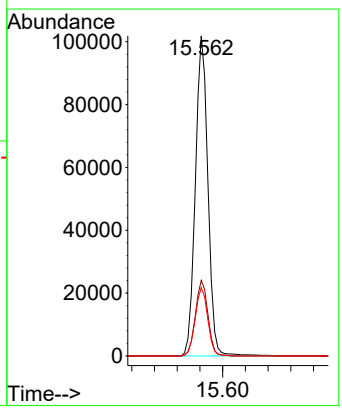
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

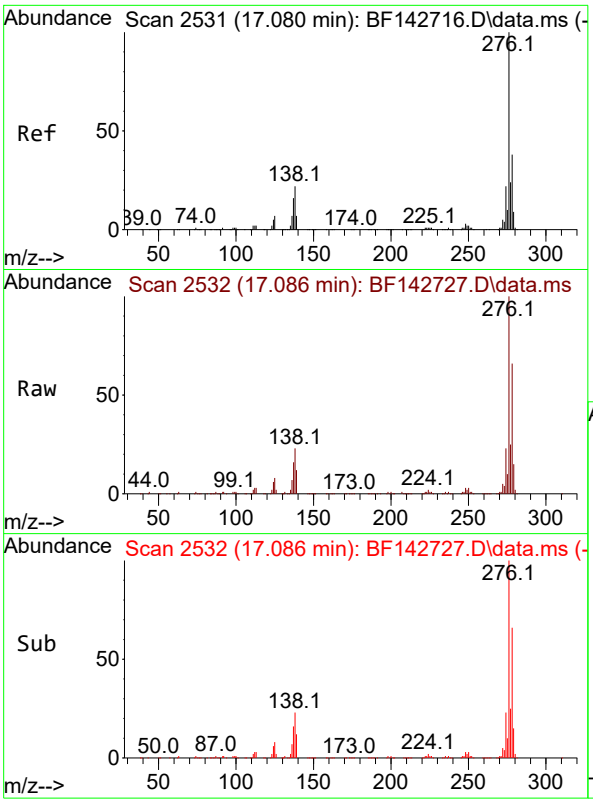


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:264 Resp: 156697

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.8	26.6
265	21.3	16.6	25.0

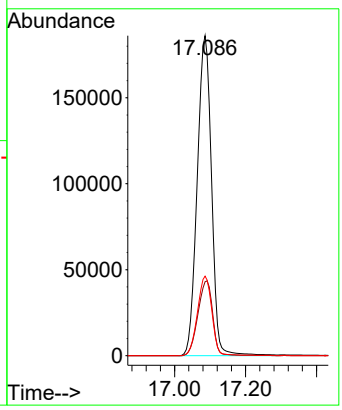




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.988 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:276 Resp: 52240

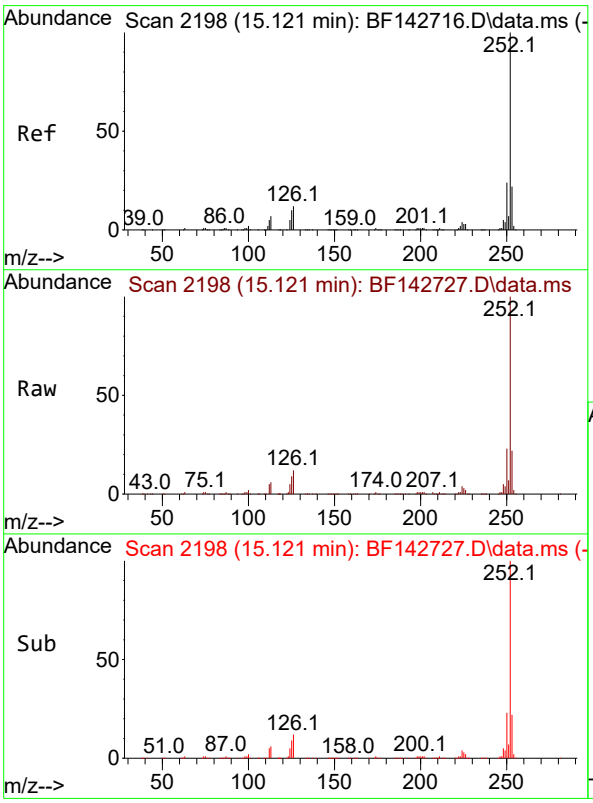
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.3	28.9
277	24.9	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

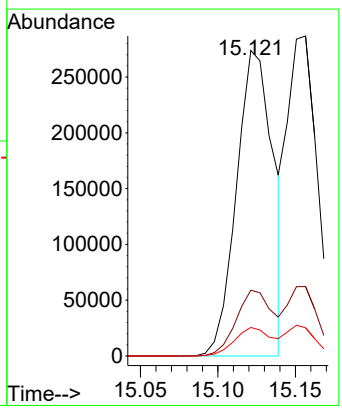
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

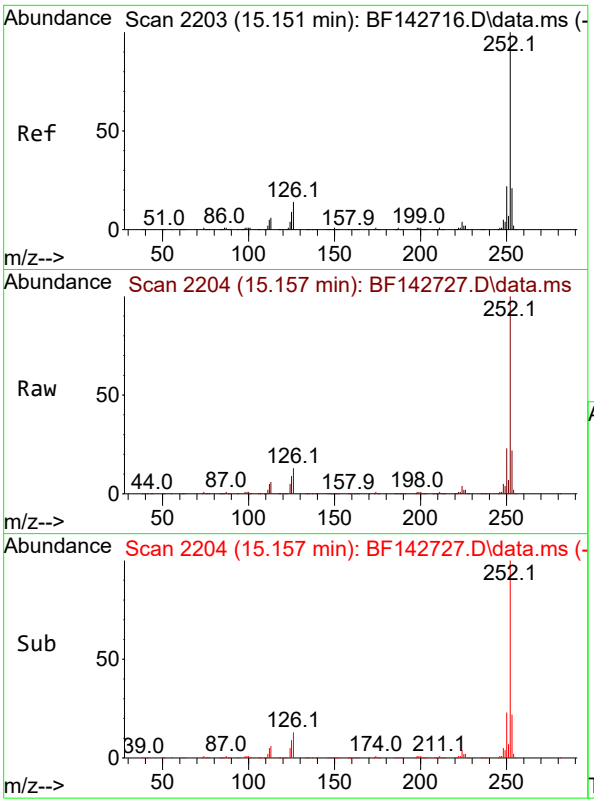


#88
Benzo(b)fluoranthene
Concen: 48.804 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:252 Resp: 450291

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	9.3	7.8	11.6

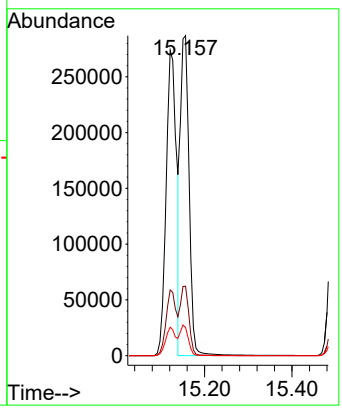




#89
Benzo(k)fluoranthene
Concen: 44.074 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:252 Resp: 39456

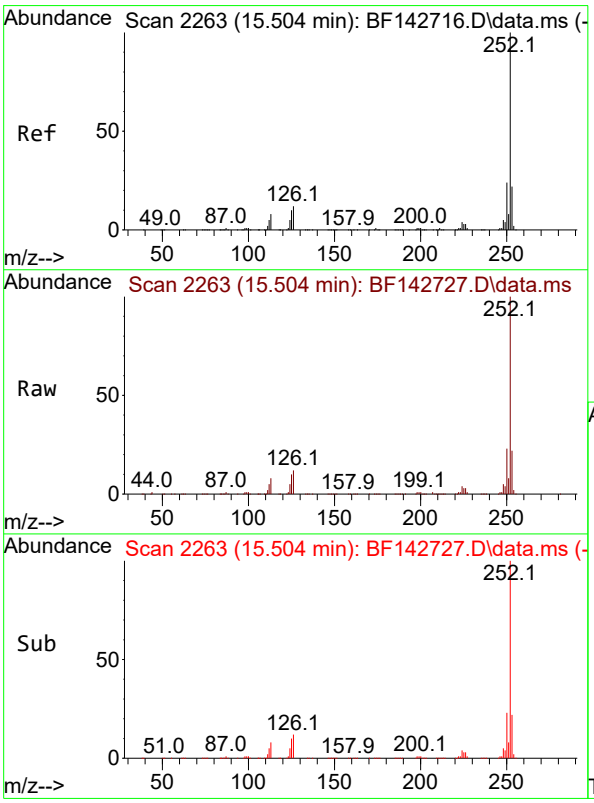
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	8.8	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

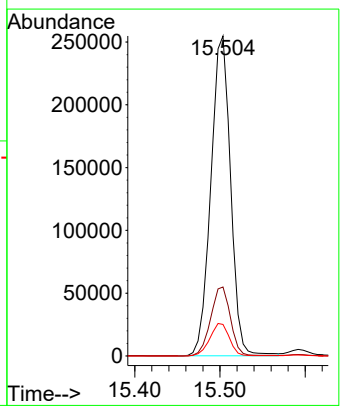
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

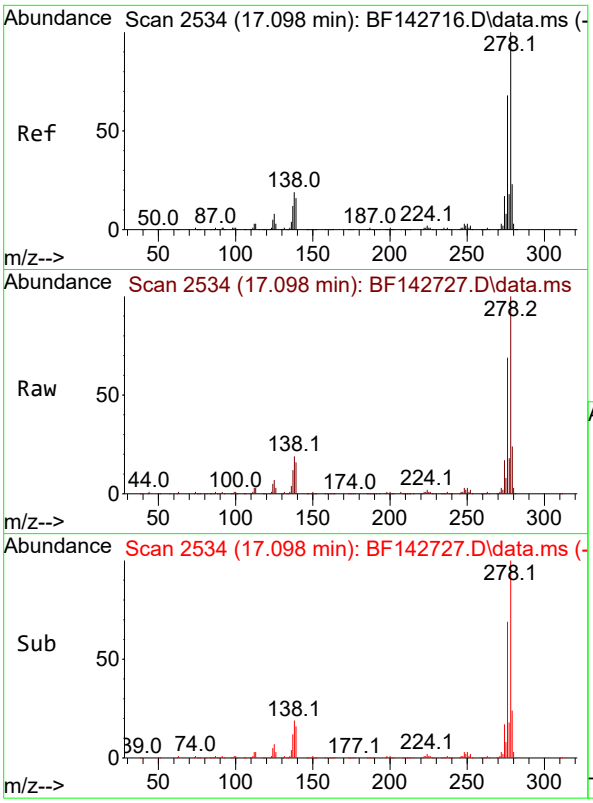


#90
Benzo(a)pyrene
Concen: 46.669 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:252 Resp: 409410

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.9	8.0	12.0

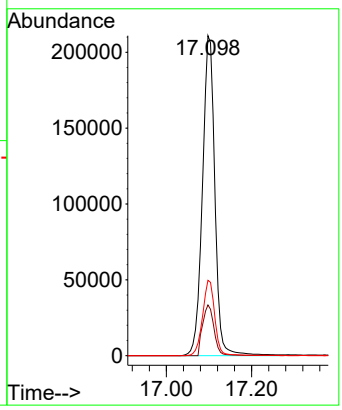




#91
Dibenzo(a,h)anthracene
Concen: 45.131 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:278 Resp: 42790

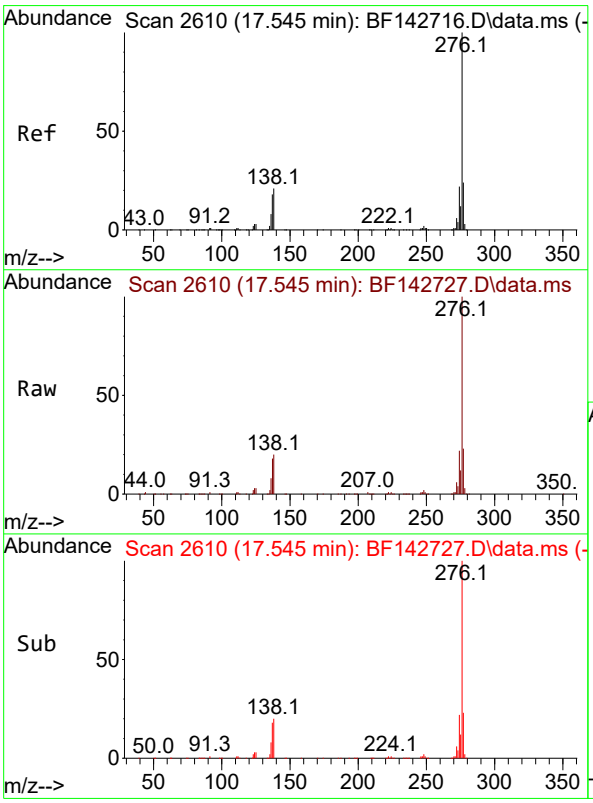
Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.6	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
PB168285BS

Manual Integrations
APPROVED

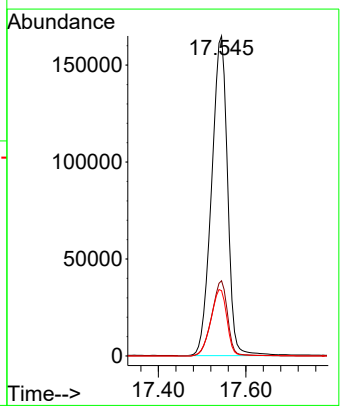
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.141 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:276 Resp: 416187

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.4	16.4	24.6



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB168285BSD	SDG No.:	Q2181
Lab Sample ID:	PB168285BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142728.D	1	06/04/25 11:45	06/11/25 11:50	PB168285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	46.3		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	84%	SPK: 150
118-79-6	2,4,6-Tribromophenol	129		44 - 137	86%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80000	6.893			
1146-65-2	Naphthalene-d8	305000	8.181			
15067-26-2	Acenaphthene-d10	168000	9.939			
1517-22-2	Phenanthrene-d10	282000	11.428			
1719-03-5	Chrysene-d12	149000	14.069			
1520-96-3	Perylene-d12	160000	15.563			

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\BF061125\
Data File : BF142728.D
Acq On : 11 Jun 2025 11:50
Operator : RC/JU
Sample : PB168285BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 11 12:17:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	79958	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	304653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	167586	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	281985	20.000	ng	0.00
76) Chrysene-d12	14.069	240	148975	20.000	ng	0.00
86) Perylene-d12	15.563	264	159540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	584593	124.521	ng	0.02
7) Phenol-d6	6.528	99	699315	126.573	ng	0.00
23) Nitrobenzene-d5	7.457	82	442271	79.449	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	236790	128.920	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	979443	77.646	ng	0.00
79) Terphenyl-d14	13.010	244	859457	79.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	67790	36.486	ng	99
3) Pyridine	3.522	79	187784	40.309	ng	99
4) n-Nitrosodimethylamine	3.481	42	106761	44.791	ng	98
6) Aniline	6.557	93	235031	31.783	ng	95
8) 2-Chlorophenol	6.681	128	235077	45.820	ng	98
9) Benzaldehyde	6.446	77	108698	31.769	ng	96
10) Phenol	6.540	94	271535	44.215	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	203412	44.344	ng	99
12) 1,3-Dichlorobenzene	6.834	146	252496	43.125	ng	99
13) 1,4-Dichlorobenzene	6.910	146	254095	42.942	ng	99
14) 1,2-Dichlorobenzene	7.063	146	244725	43.146	ng	99
15) Benzyl Alcohol	7.034	79	189979	45.494	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	308921	42.774	ng	98
17) 2-Methylphenol	7.146	107	181748	46.210	ng	99
18) Hexachloroethane	7.404	117	91334	43.071	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	153317	43.589	ng	100
20) 3+4-Methylphenols	7.298	107	228375	46.057	ng	98
22) Acetophenone	7.304	105	305840	45.131	ng	98
24) Nitrobenzene	7.481	77	224388	45.417	ng	100
25) Isophorone	7.716	82	421864	44.759	ng	99
26) 2-Nitrophenol	7.793	139	128129	46.469	ng	99
27) 2,4-Dimethylphenol	7.828	122	217370	46.303	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	264684	45.231	ng	100
29) 2,4-Dichlorophenol	8.040	162	204043	47.097	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	216097	45.139	ng	100
31) Naphthalene	8.198	128	674474	44.765	ng	99
32) Benzoic acid	7.957	122	136622	51.676	ng	99
33) 4-Chloroaniline	8.245	127	86856	14.357	ng	99
34) Hexachlorobutadiene	8.316	225	134005	43.926	ng	99
35) Caprolactam	8.622	113	58307m	49.858	ng	
36) 4-Chloro-3-methylphenol	8.734	107	206170	45.766	ng	99
37) 2-Methylnaphthalene	8.892	142	428144	44.895	ng	99
38) 1-Methylnaphthalene	8.992	142	441163	44.655	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	216872	44.712	ng	99
41) Hexachlorocyclopentadiene	9.045	237	293138	94.162	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	148294	47.231	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142728.D
Acq On : 11 Jun 2025 11:50
Operator : RC/JU
Sample : PB168285BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 11 12:17:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	155805	45.944	ng	97
46) 1,1'-Biphenyl	9.357	154	586146	45.042	ng	100
47) 2-Chloronaphthalene	9.381	162	434176	45.287	ng	100
48) 2-Nitroaniline	9.481	65	123837	45.415	ng	95
49) Acenaphthylene	9.798	152	733996	45.406	ng	100
50) Dimethylphthalate	9.657	163	522022	46.646	ng	100
51) 2,6-Dinitrotoluene	9.722	165	111554	46.122	ng	95
52) Acenaphthene	9.975	154	499655	49.852	ng	99
53) 3-Nitroaniline	9.886	138	67107	25.580	ng	98
54) 2,4-Dinitrophenol	9.998	184	142845	107.815	ng	93
55) Dibenzofuran	10.145	168	638399	44.730	ng	100
56) 4-Nitrophenol	10.057	139	172443	96.918	ng	97
57) 2,4-Dinitrotoluene	10.128	165	152297	47.624	ng	98
58) Fluorene	10.486	166	503700	44.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	131356	46.041	ng	99
60) Diethylphthalate	10.357	149	516838	46.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	248444	45.137	ng	99
62) 4-Nitroaniline	10.510	138	109301	46.571	ng	98
63) Azobenzene	10.639	77	441139	45.518	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	86177	48.802	ng	98
66) n-Nitrosodiphenylamine	10.598	169	437418	45.128	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	150357	45.172	ng	98
68) Hexachlorobenzene	11.033	284	164704	44.578	ng	98
69) Atrazine	11.122	200	128706	49.805	ng	100
70) Pentachlorophenol	11.233	266	179040	92.443	ng	97
71) Phenanthrene	11.451	178	678589	44.919	ng	100
72) Anthracene	11.504	178	702094	44.926	ng	100
73) Carbazole	11.657	167	601663	45.988	ng	99
74) Di-n-butylphthalate	11.980	149	699562	47.886	ng	99
75) Fluoranthene	12.639	202	645627	44.944	ng	99
77) Benzidine	12.763	184	172676	32.546	ng	98
78) Pyrene	12.875	202	631683	45.628	ng	99
80) Butylbenzylphthalate	13.486	149	206062	50.334	ng	98
81) Benzo(a)anthracene	14.057	228	469680	47.577	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	70698	22.208	ng	100
83) Chrysene	14.098	228	408413	44.809	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	298050	48.511	ng	99
85) Di-n-octyl phthalate	14.657	149	555755	47.148	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	547077	46.273	ng	100
88) Benzo(b)fluoranthene	15.127	252	436349	46.450	ng	99
89) Benzo(k)fluoranthene	15.157	252	431458	47.337	ng	100
90) Benzo(a)pyrene	15.504	252	424339	47.509	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	449495	46.562	ng	100
92) Benzo(g,h,i)perylene	17.551	276	437957	45.623	ng	100

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

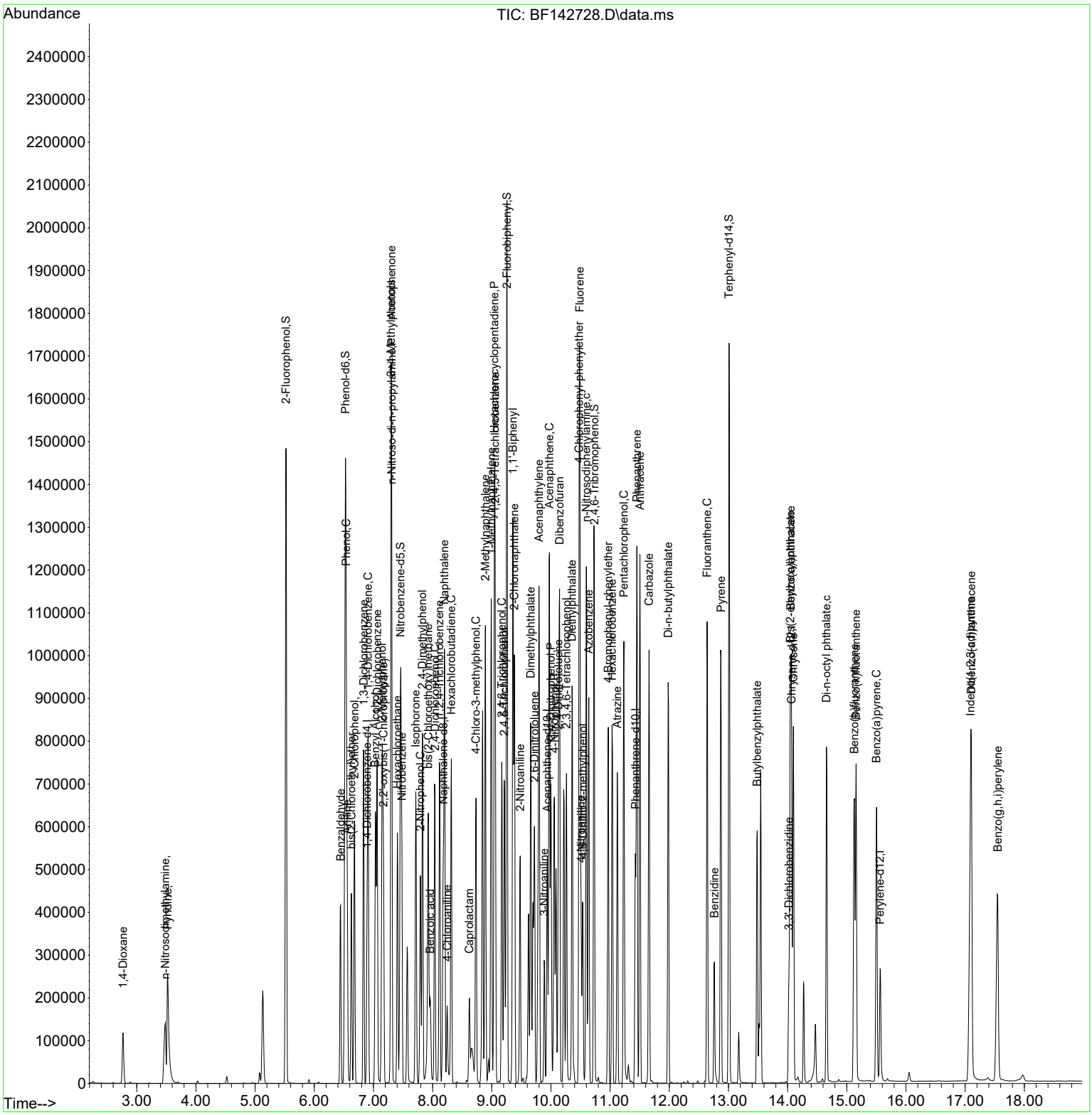
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Data File : BF142728.D
Acq On : 11 Jun 2025 11:50
Operator : RC/JU
Sample : PB168285BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

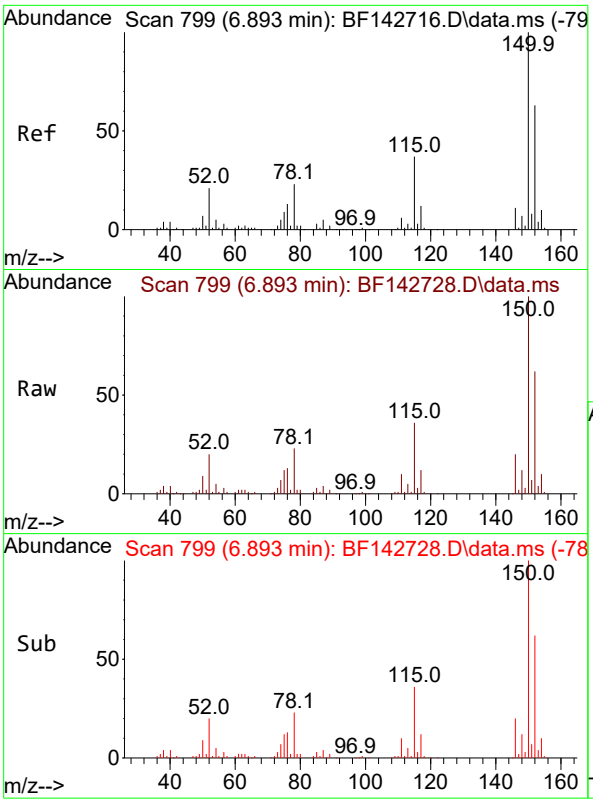
Quant Time: Jun 11 12:17:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
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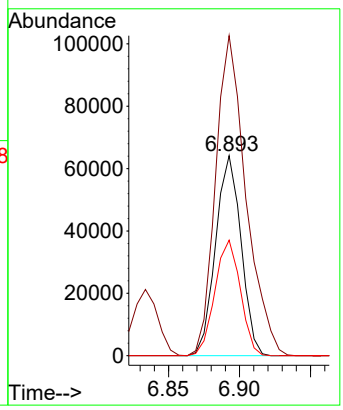




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:152 Resp: 7995

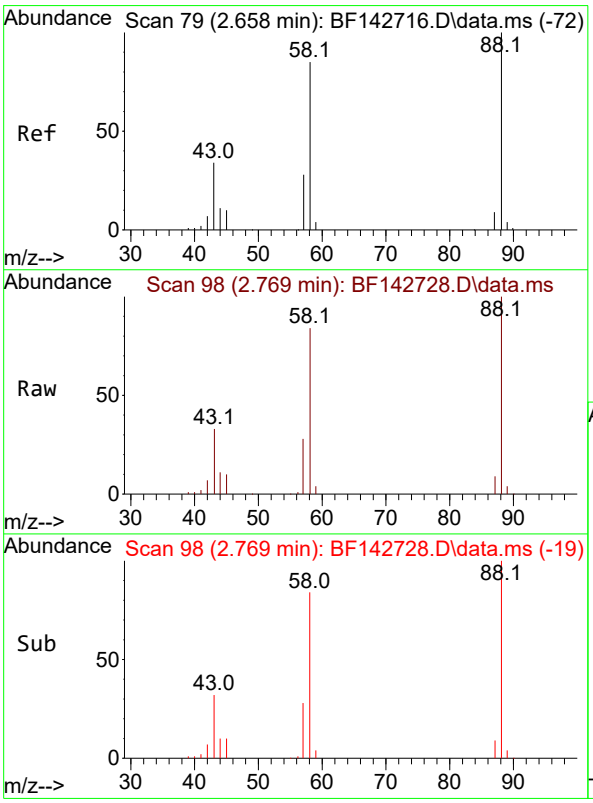
Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.9	190.3
115	57.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

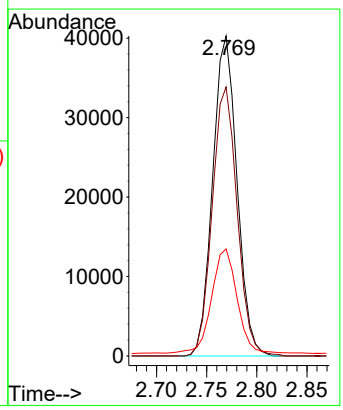
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

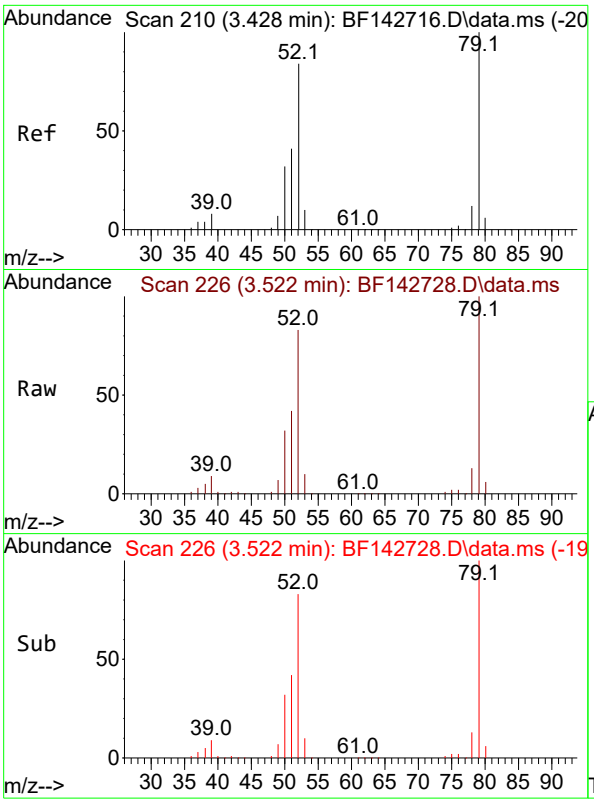


#2
1,4-Dioxane
Concen: 36.486 ng
RT: 2.769 min Scan# 98
Delta R.T. 0.112 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 88 Resp: 67790

Ion	Ratio	Lower	Upper
88	100		
58	86.1	68.4	102.6
43	35.2	27.0	40.6

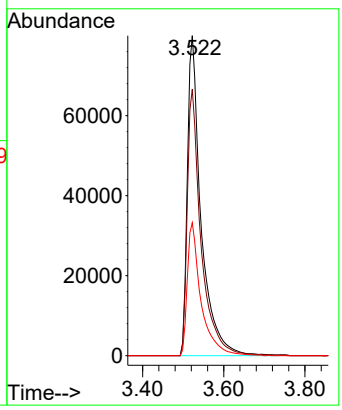




#3
Pyridine
Concen: 40.309 ng
RT: 3.522 min Scan# 2
Delta R.T. 0.094 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 79 Resp: 18778

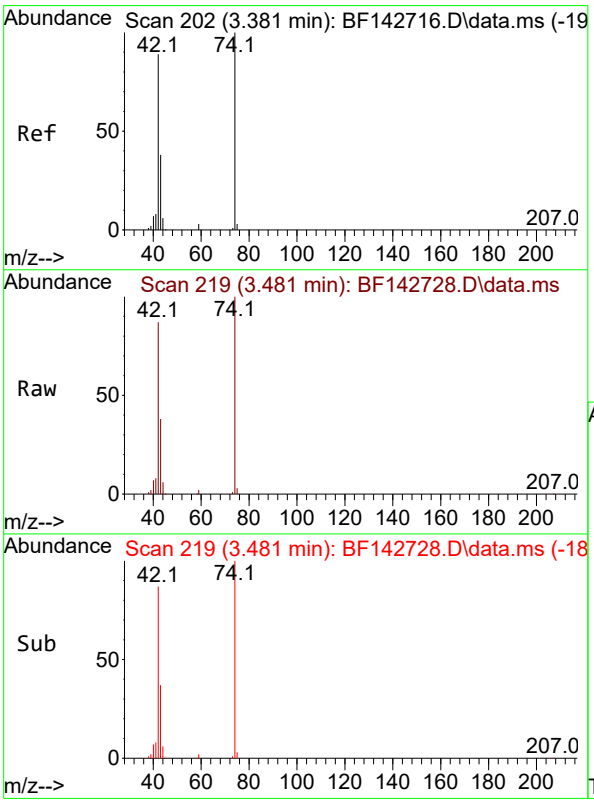
Ion	Ratio	Lower	Upper
79	100		
52	83.3	67.1	100.7
51	41.6	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

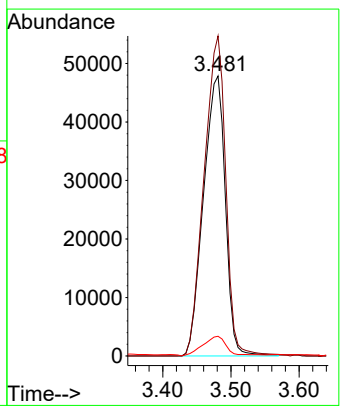
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

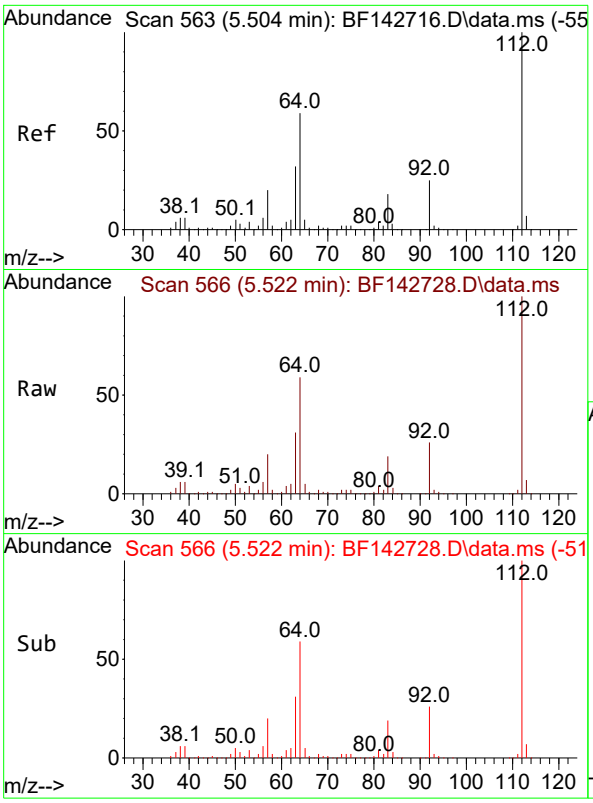


#4
n-Nitrosodimethylamine
Concen: 44.791 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 42 Resp: 106761

Ion	Ratio	Lower	Upper
42	100		
74	114.3	89.6	134.4
44	7.1	5.4	8.2

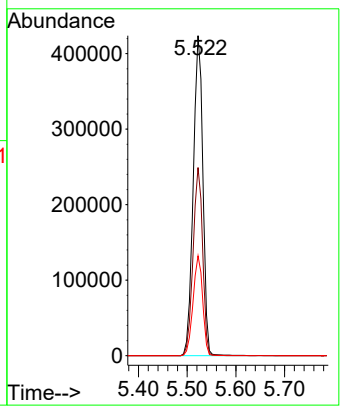




#5
2-Fluorophenol
Concen: 124.521 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

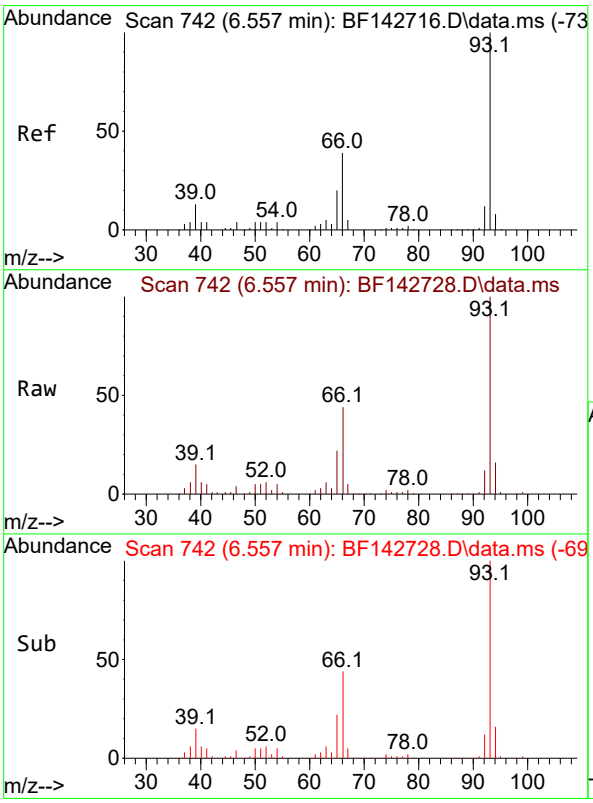
Tgt Ion:112 Resp: 58459

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.4	71.2
63	31.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

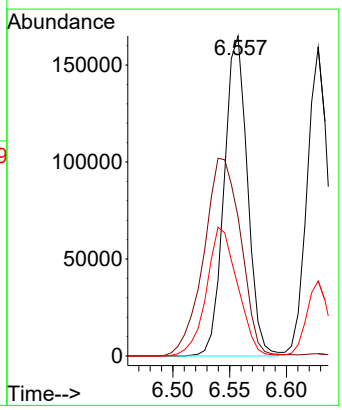
Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

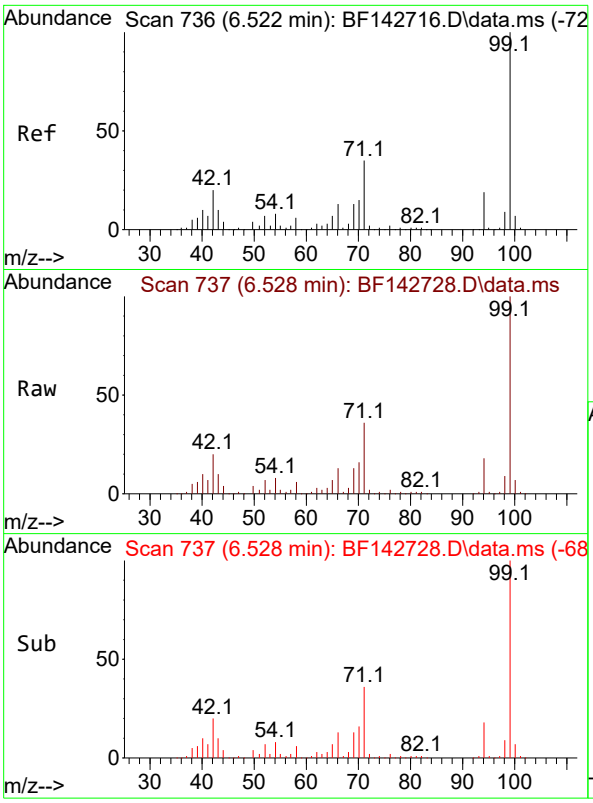


#6
Aniline
Concen: 31.783 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 235031

Ion	Ratio	Lower	Upper
93	100		
66	43.5	32.0	48.0
65	21.8	16.1	24.1

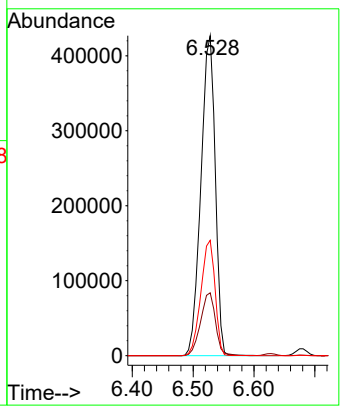




#7
Phenol-d6
Concen: 126.573 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 99 Resp: 69931

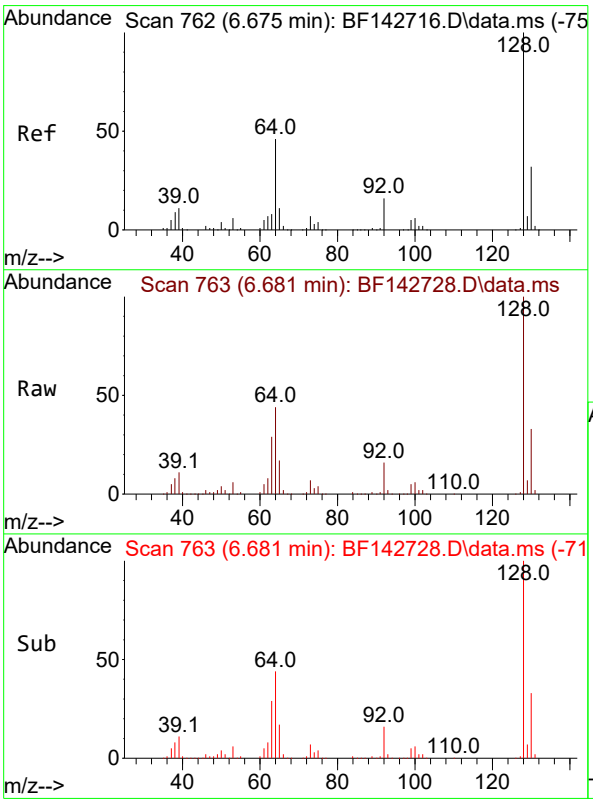
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	36.0	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

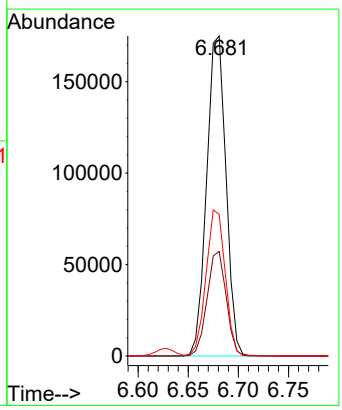
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

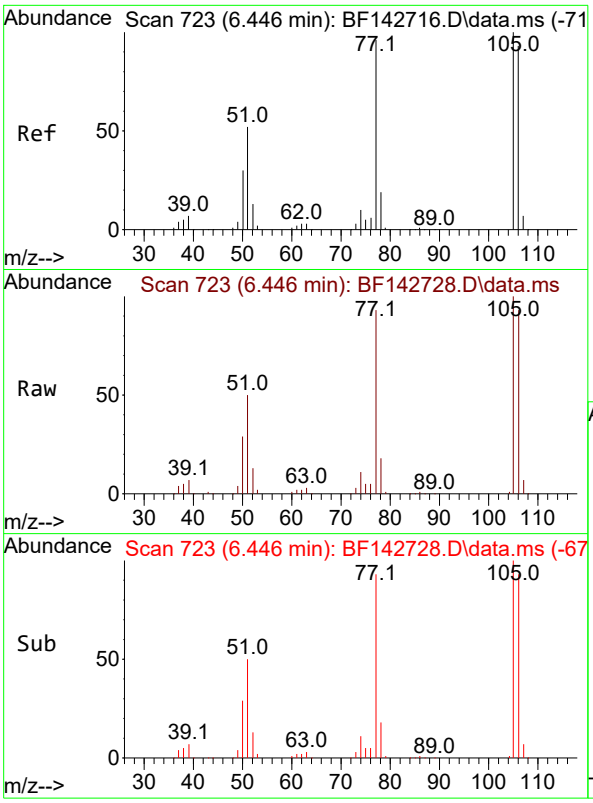


#8
2-Chlorophenol
Concen: 45.820 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:128 Resp: 235077

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	44.3	26.5	66.5

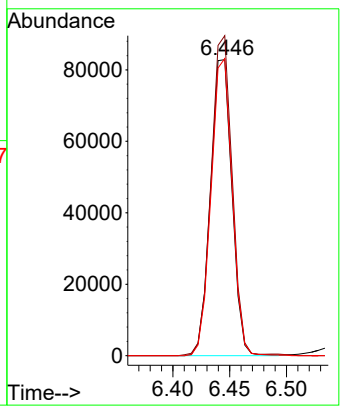




#9
Benzaldehyde
Concen: 31.769 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 77 Resp: 10869

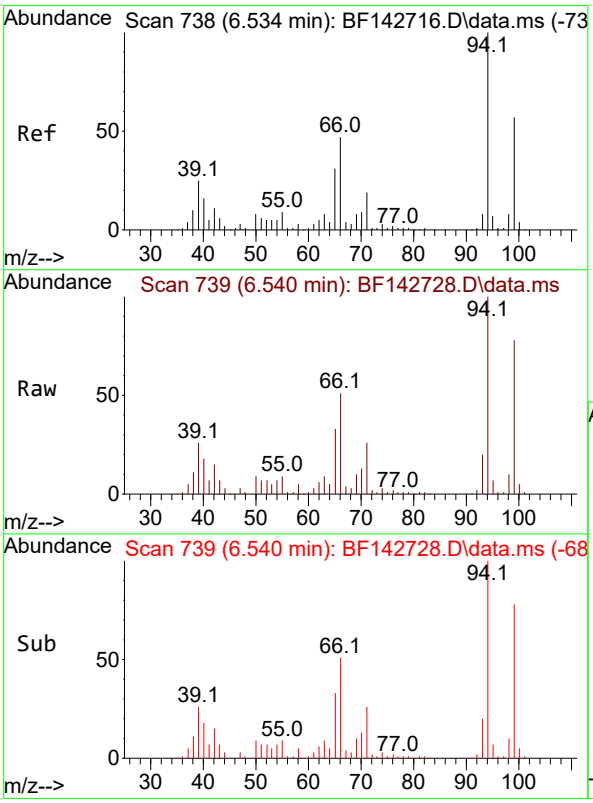
Ion	Ratio	Lower	Upper
77	100		
105	108.1	84.1	124.1
106	100.4	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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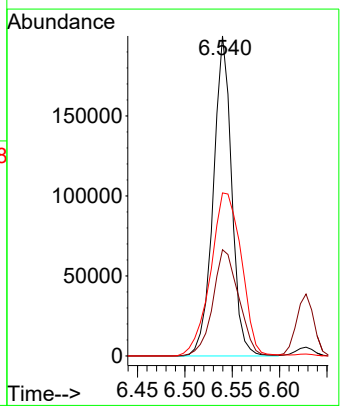
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

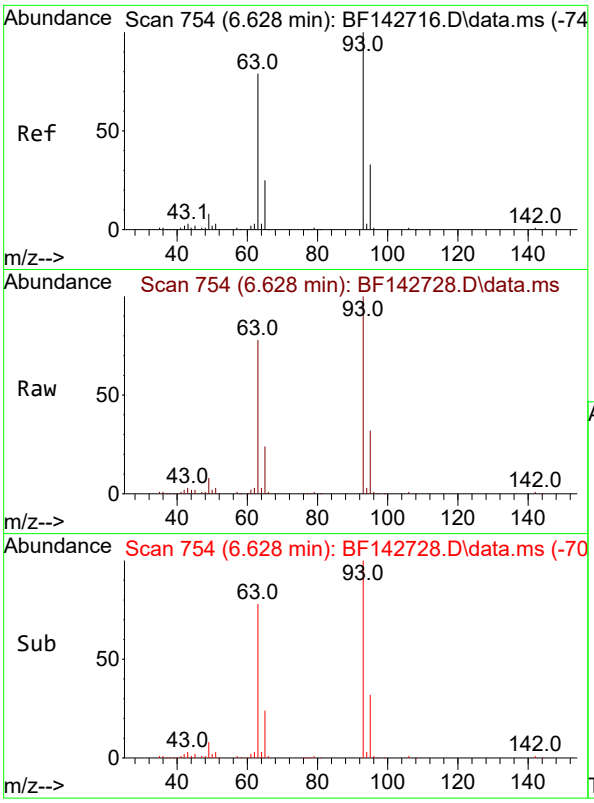


#10
Phenol
Concen: 44.215 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 94 Resp: 271535

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.4	51.4
66	51.0	26.7	66.7

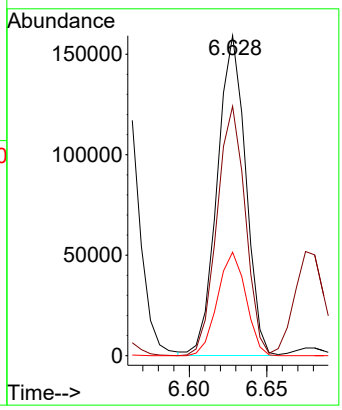




#11
bis(2-Chloroethyl)ether
Concen: 44.344 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 20341

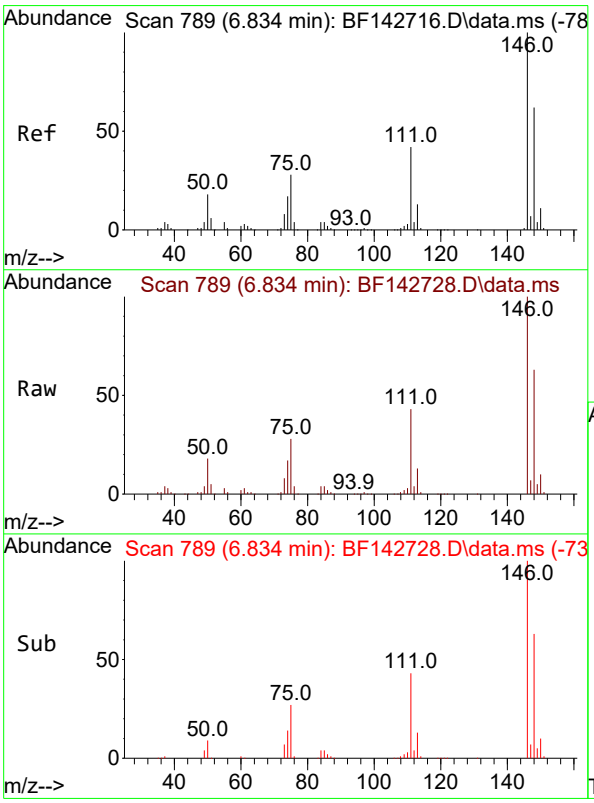
Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.3	98.3
95	32.4	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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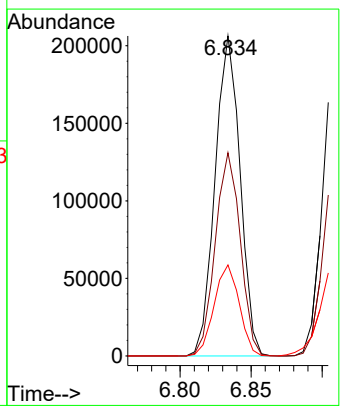
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

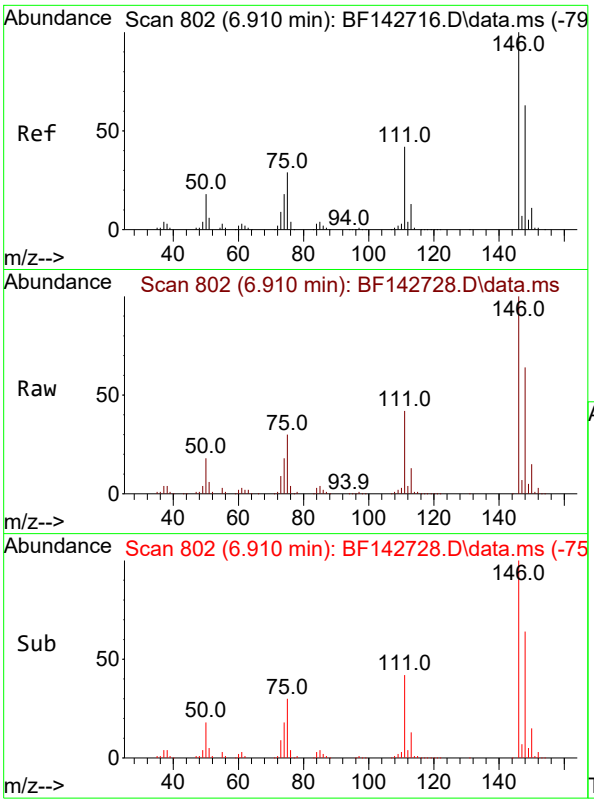


#12
1,3-Dichlorobenzene
Concen: 43.125 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:146 Resp: 252496

Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.9	74.9
75	28.5	22.6	34.0

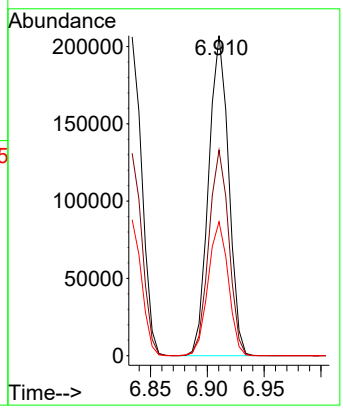




#13
1,4-Dichlorobenzene
Concen: 42.942 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:146 Resp: 25409

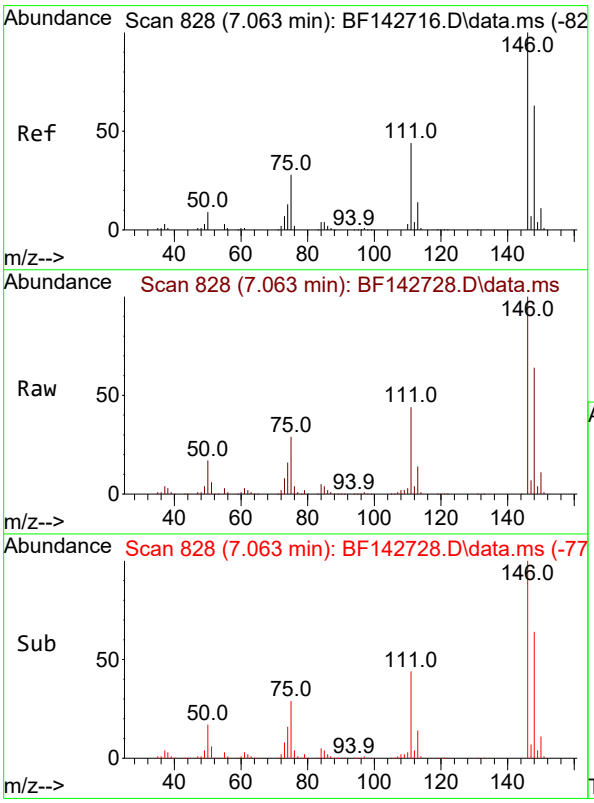
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	41.9	33.6	50.4



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

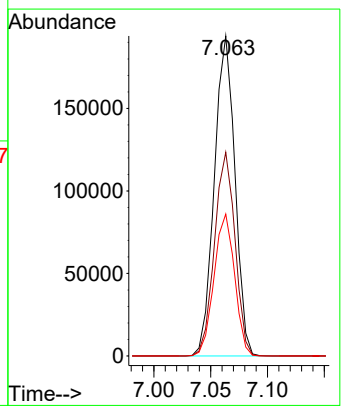
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

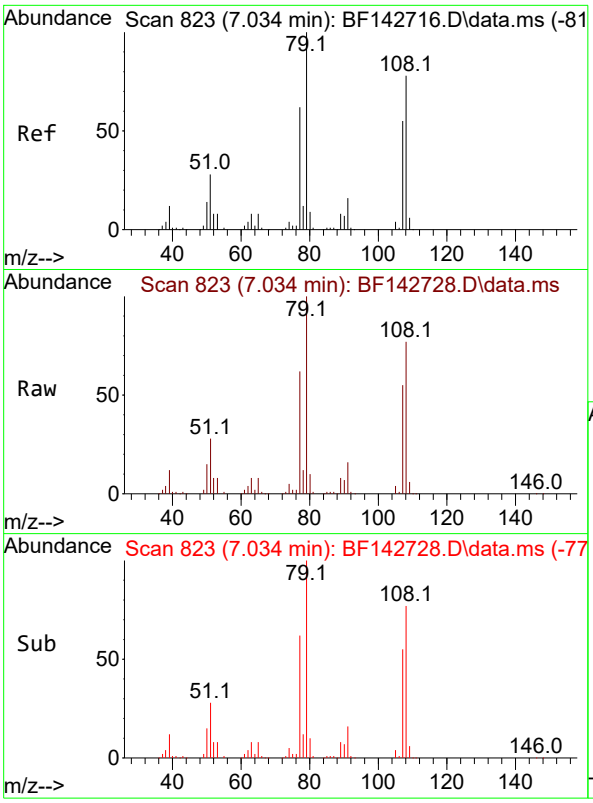


#14
1,2-Dichlorobenzene
Concen: 43.146 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:146 Resp: 244725

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	44.4	35.2	52.8

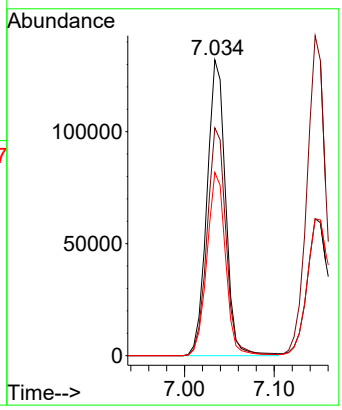




#15
Benzyl Alcohol
Concen: 45.494 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 79 Resp: 18997

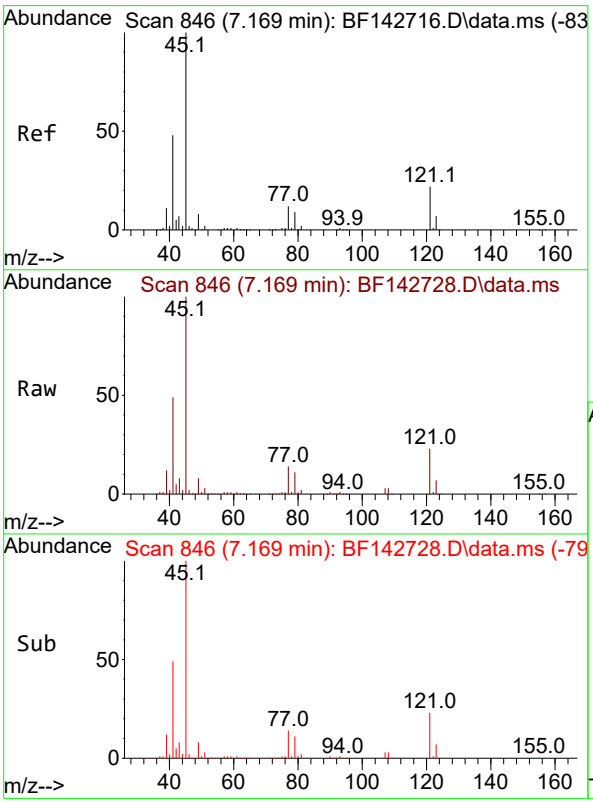
Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.6	94.0
77	61.9	49.8	74.8



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

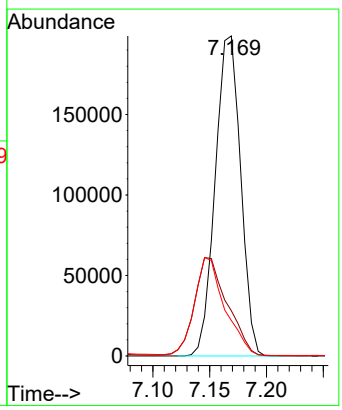
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

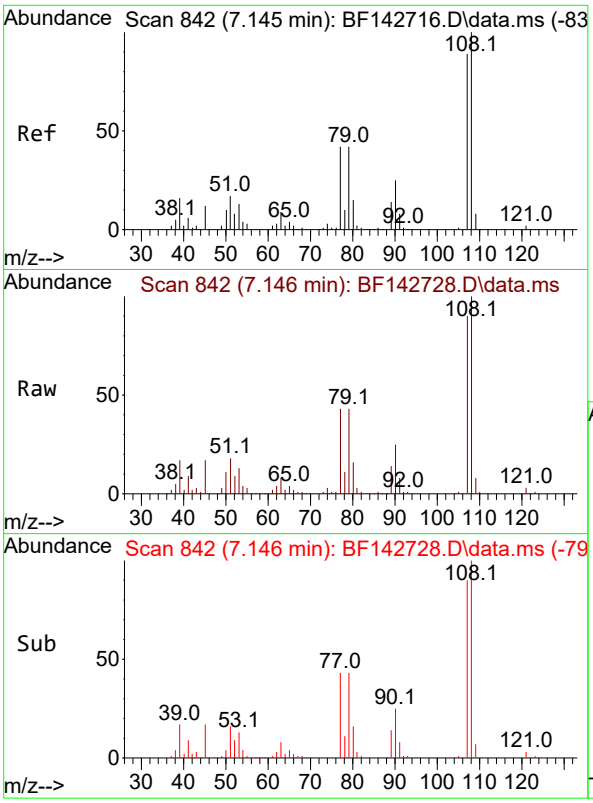


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.774 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 45 Resp: 308921

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.1
79	11.1	0.0	30.5

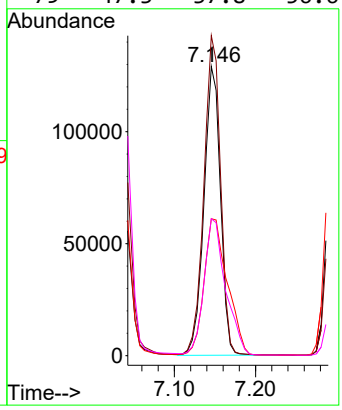




#17
2-Methylphenol
Concen: 46.210 ng
RT: 7.146 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:107 Resp: 18174

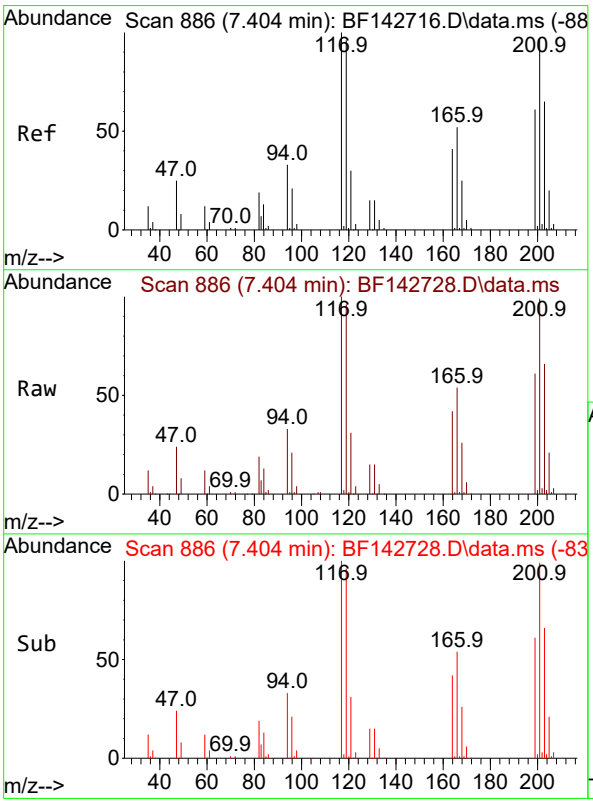
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.0	135.0
77	47.4	38.2	57.2
79	47.3	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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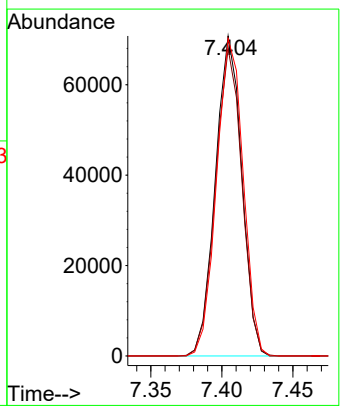
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

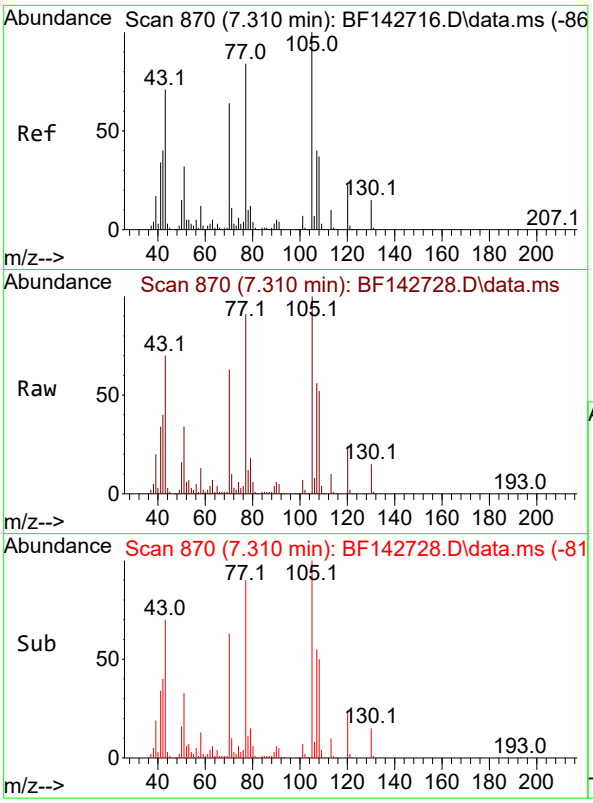


#18
Hexachloroethane
Concen: 43.071 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:117 Resp: 91334

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.4	114.6
201	99.2	77.8	116.6

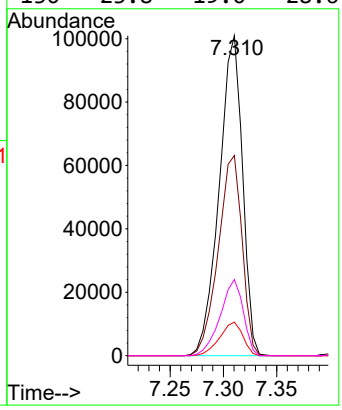




#19
n-Nitroso-di-n-propylamine
Concen: 43.589 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

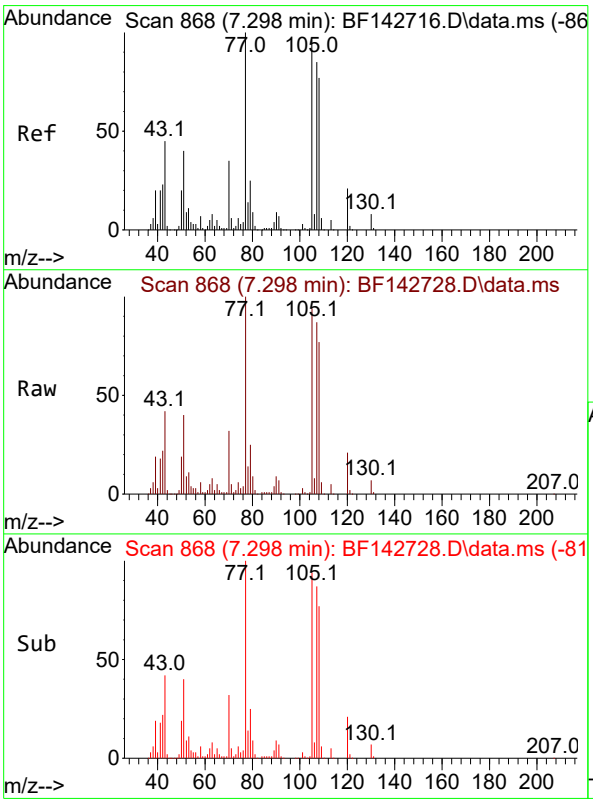
Tgt Ion: 70 Resp: 15331

Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	10.5	8.3	12.5
130	23.8	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

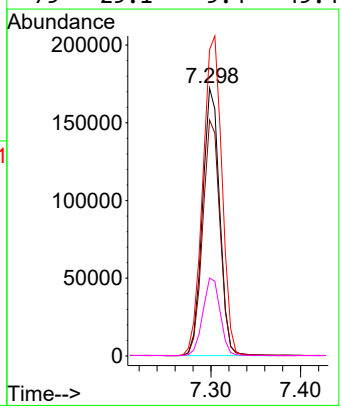
Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

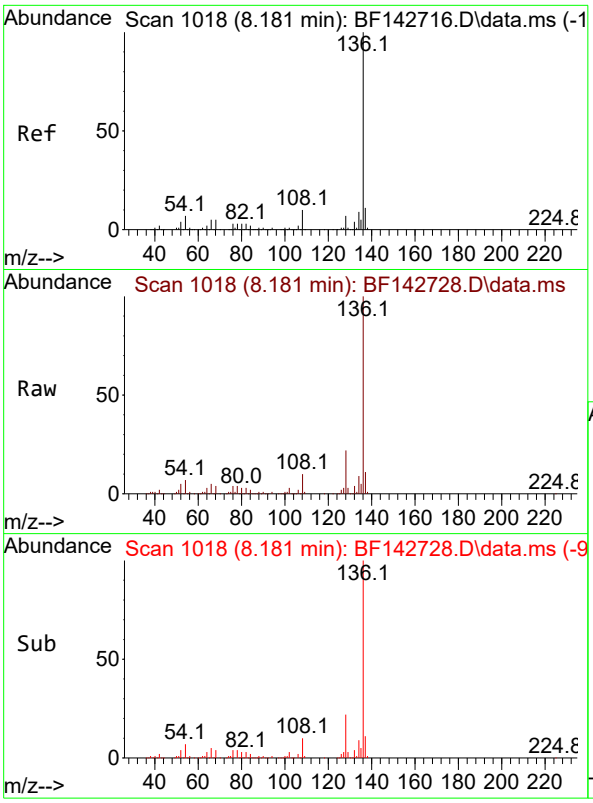


#20
3+4-Methylphenols
Concen: 46.057 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:107 Resp: 228375

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	114.3	97.4	137.4
79	29.1	9.4	49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

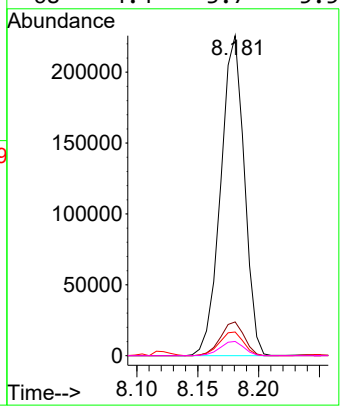
Instrument :
BNA_F
ClientSampleId :
PB168285BSD

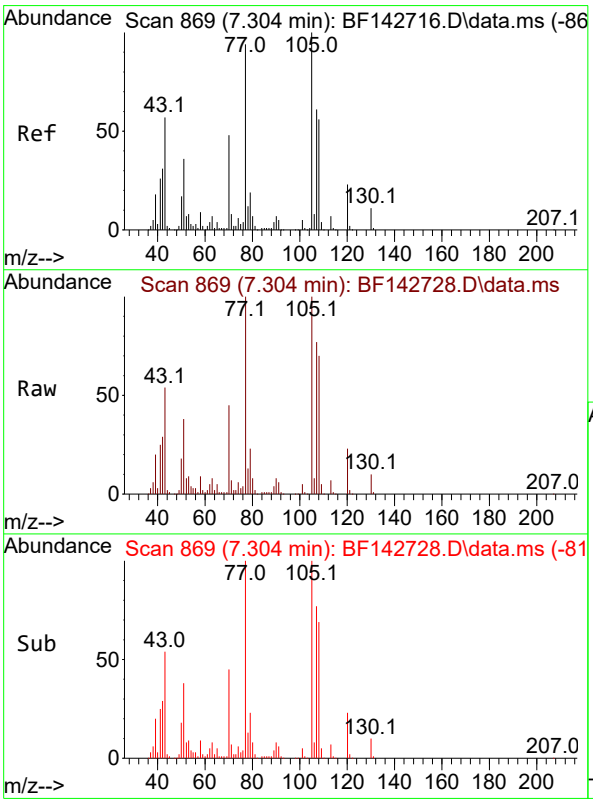
Tgt Ion:136 Resp: 30465

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.4	5.9	8.9
68	4.4	3.7	5.5

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

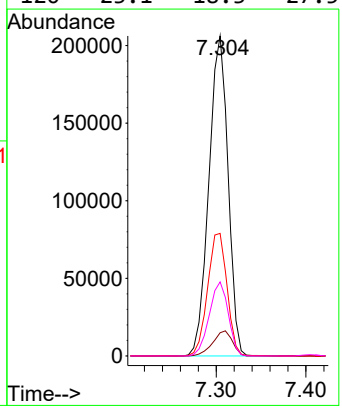


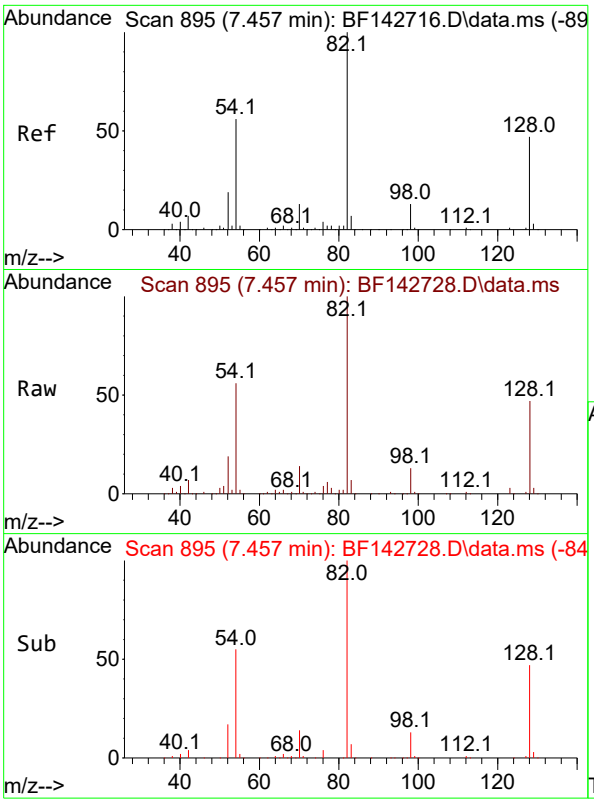


#22
Acetophenone
Concen: 45.131 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:105 Resp: 305840

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.4	9.6
51	38.3	29.1	43.7
120	23.1	18.3	27.5

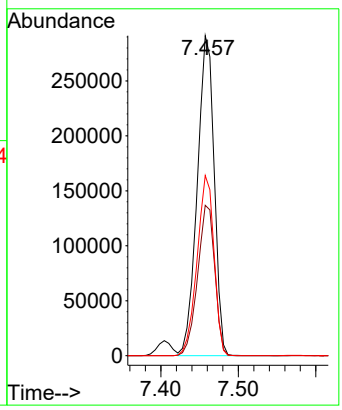




#23
Nitrobenzene-d5
Concen: 79.449 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 82 Resp: 44227

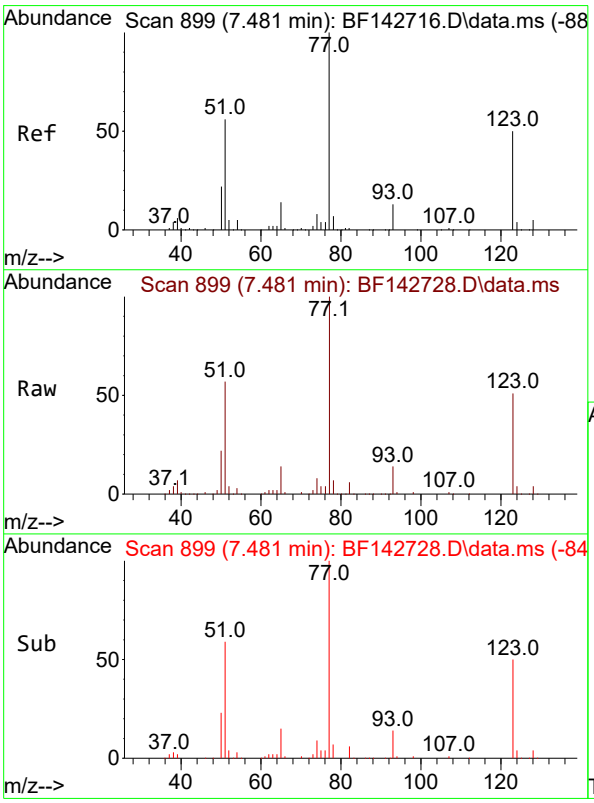
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	56.3	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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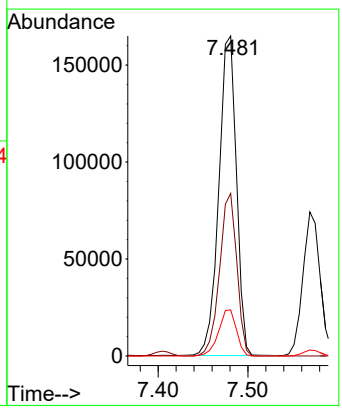
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

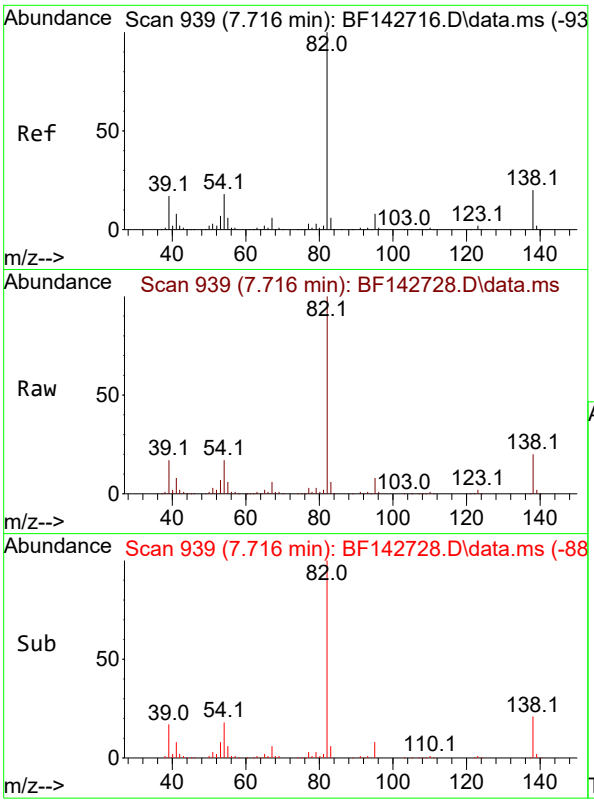


#24
Nitrobenzene
Concen: 45.417 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 77 Resp: 224388

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.8	61.2
65	14.4	11.5	17.3

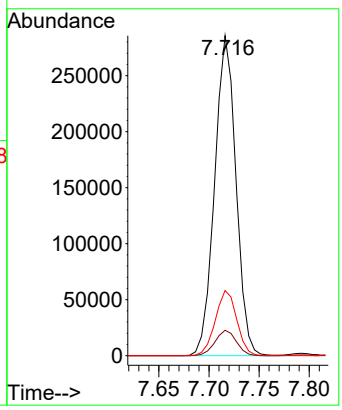




#25
Isophorone
Concen: 44.759 ng
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 82 Resp: 42186

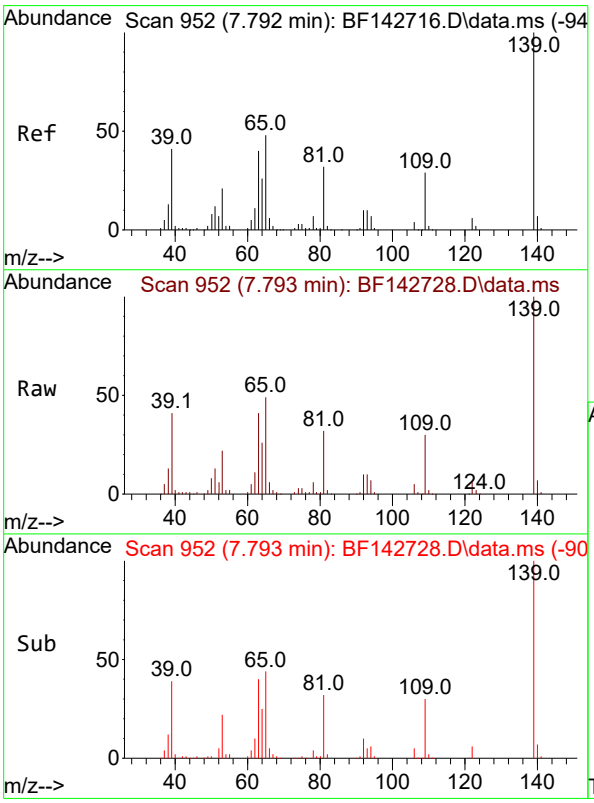
Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.0	9.0
138	20.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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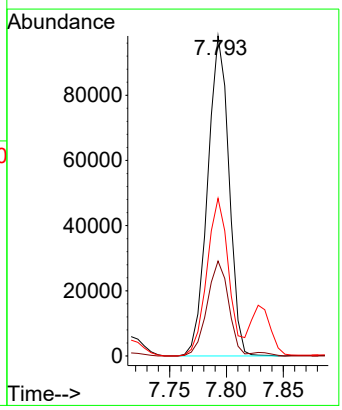
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

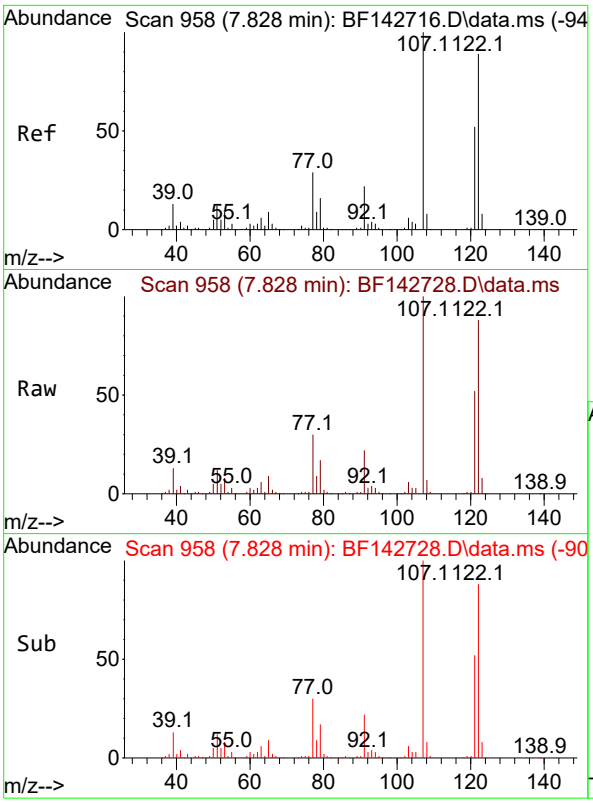


#26
2-Nitrophenol
Concen: 46.469 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:139 Resp: 128129

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.2
65	49.3	38.7	58.1

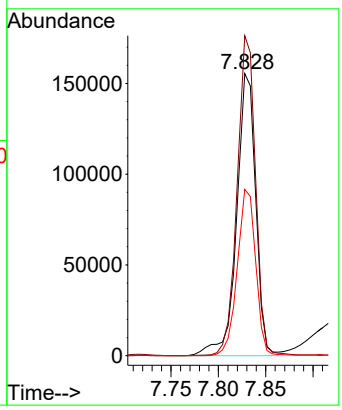




#27
2,4-Dimethylphenol
Concen: 46.303 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:122 Resp: 21737

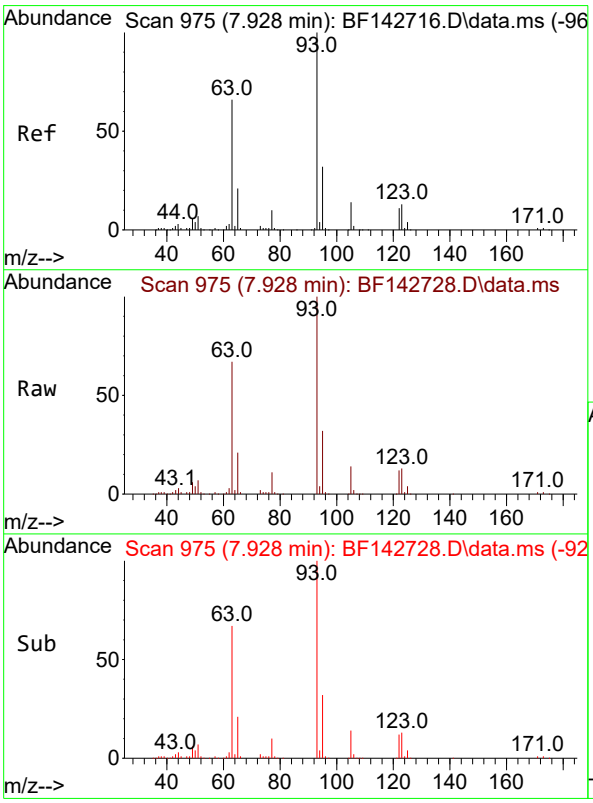
Ion	Ratio	Lower	Upper
122	100		
107	113.4	90.4	135.6
121	58.9	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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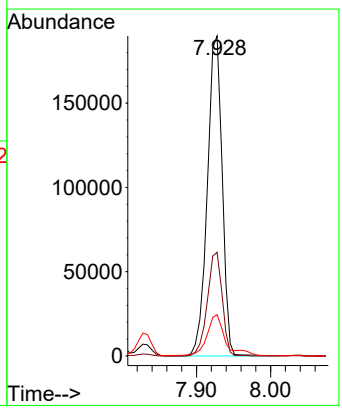
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

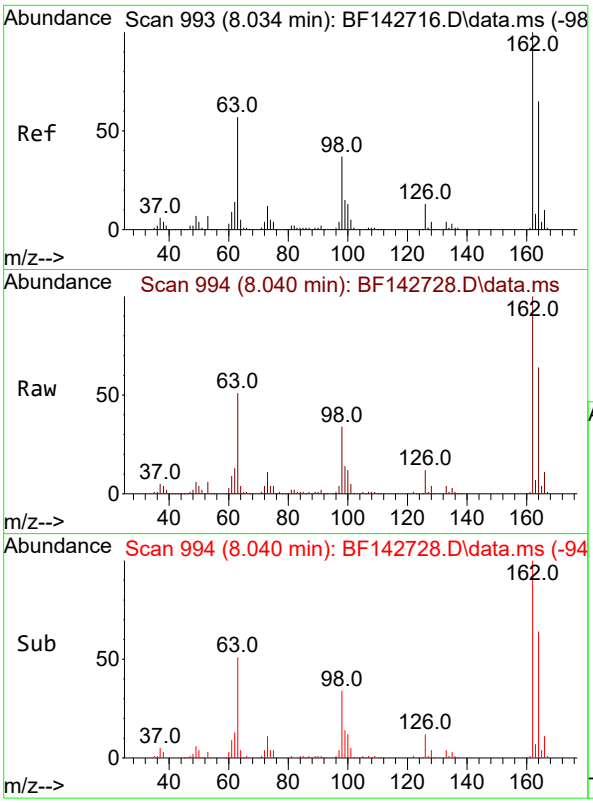


#28
bis(2-Chloroethoxy)methane
Concen: 45.231 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 264684

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	12.9	10.3	15.5

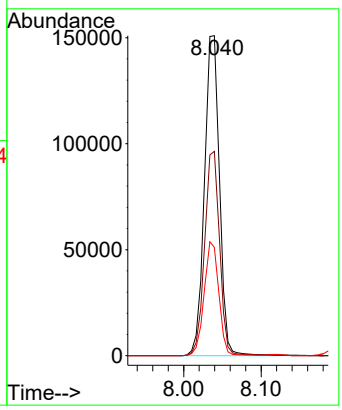




#29
2,4-Dichlorophenol
Concen: 47.097 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:162 Resp: 20404

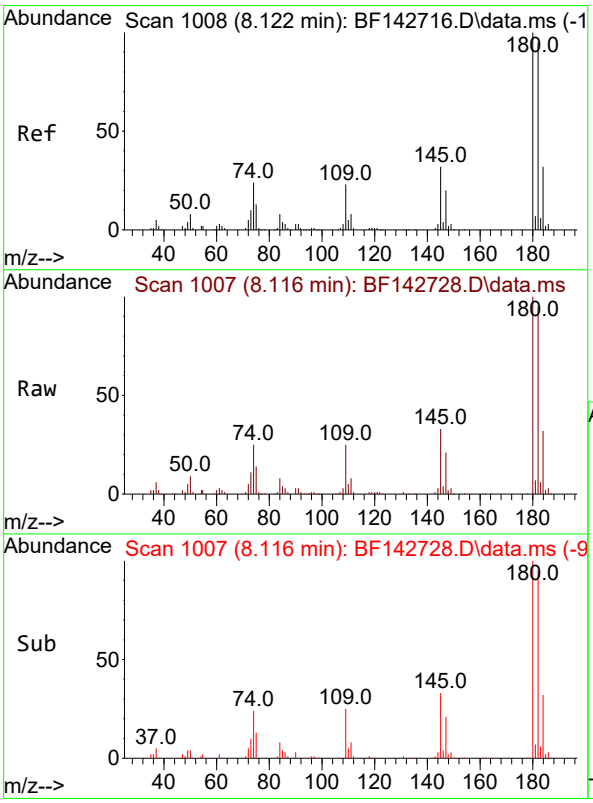
Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	33.9	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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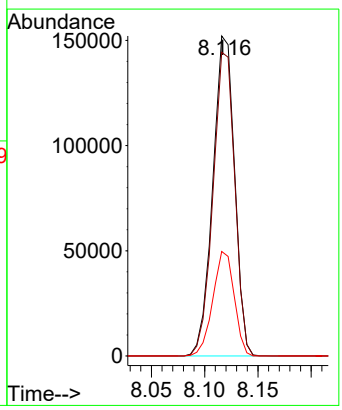
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

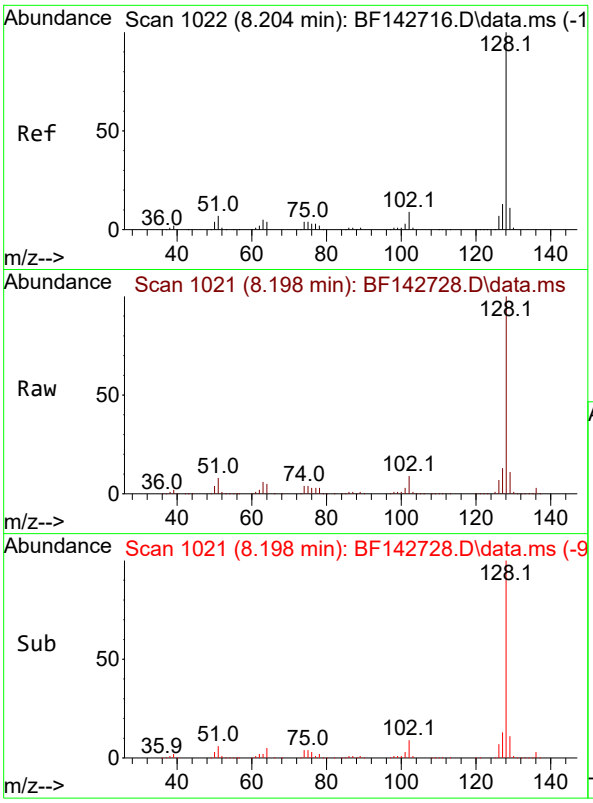


#30
1,2,4-Trichlorobenzene
Concen: 45.139 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:180 Resp: 216097

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	32.7	25.7	38.5

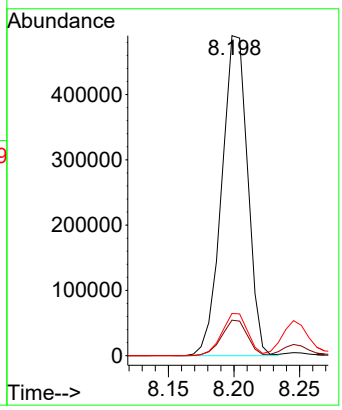




#31
Naphthalene
Concen: 44.765 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:128 Resp: 67447

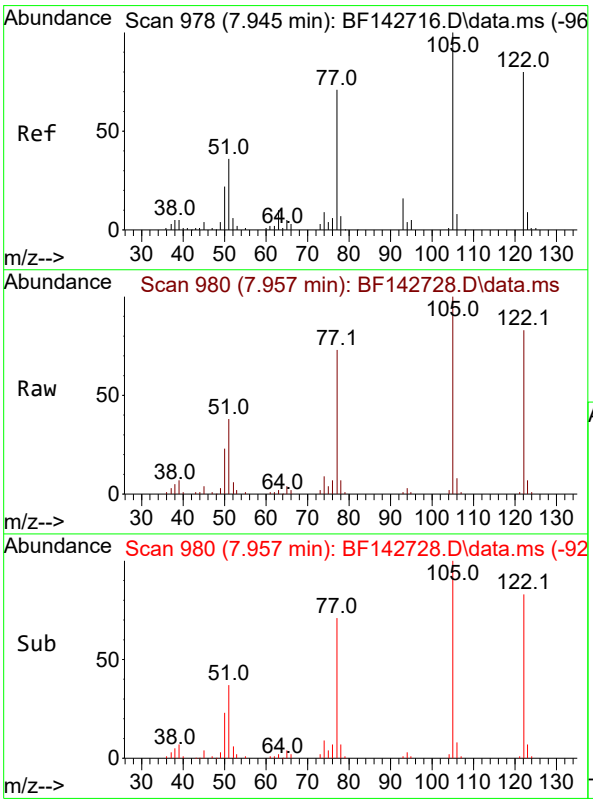
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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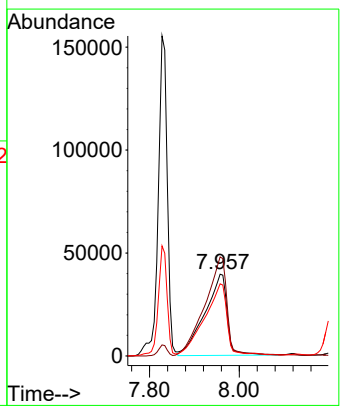
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

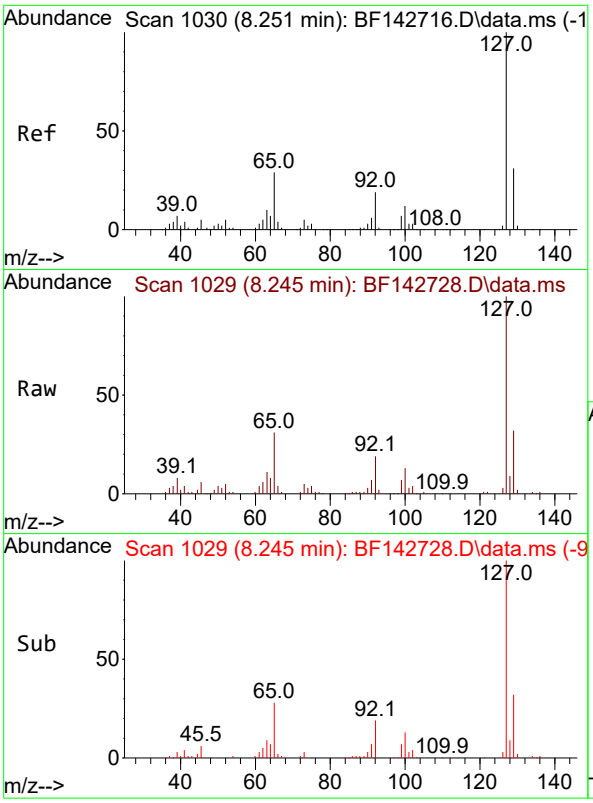


#32
Benzoic acid
Concen: 51.676 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:122 Resp: 136622

Ion	Ratio	Lower	Upper
122	100		
105	121.2	102.6	142.6
77	88.3	68.2	108.2

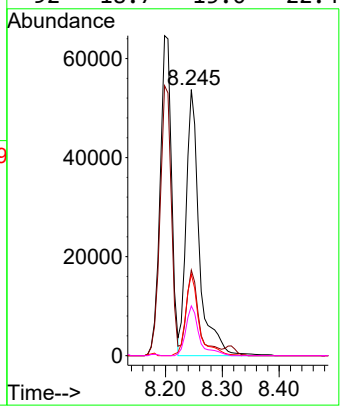




#33
4-Chloroaniline
Concen: 14.357 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:127 Resp: 8685

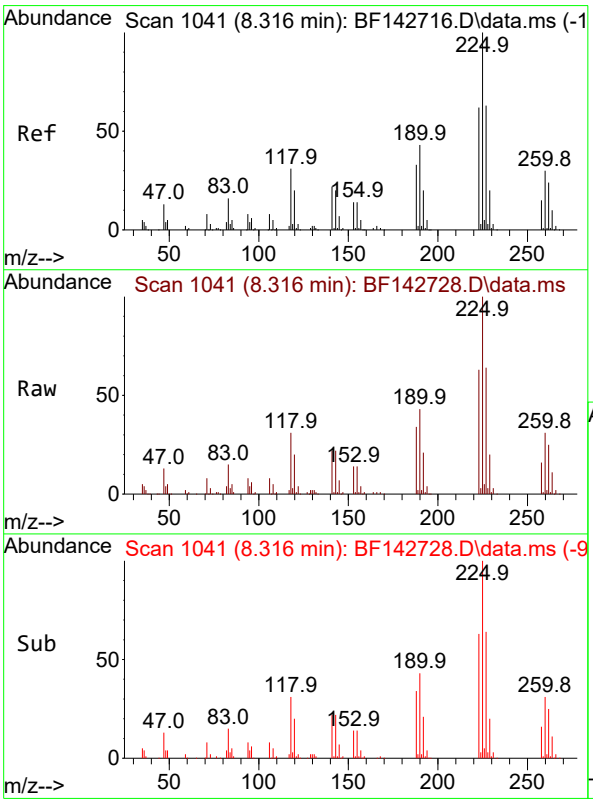
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	30.5	23.0	34.4
92	18.7	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

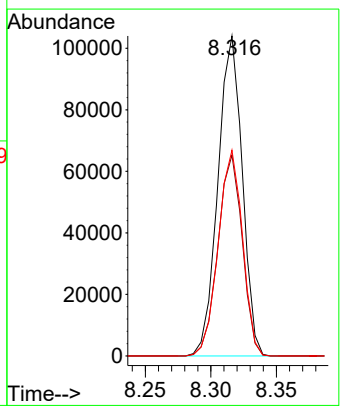
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

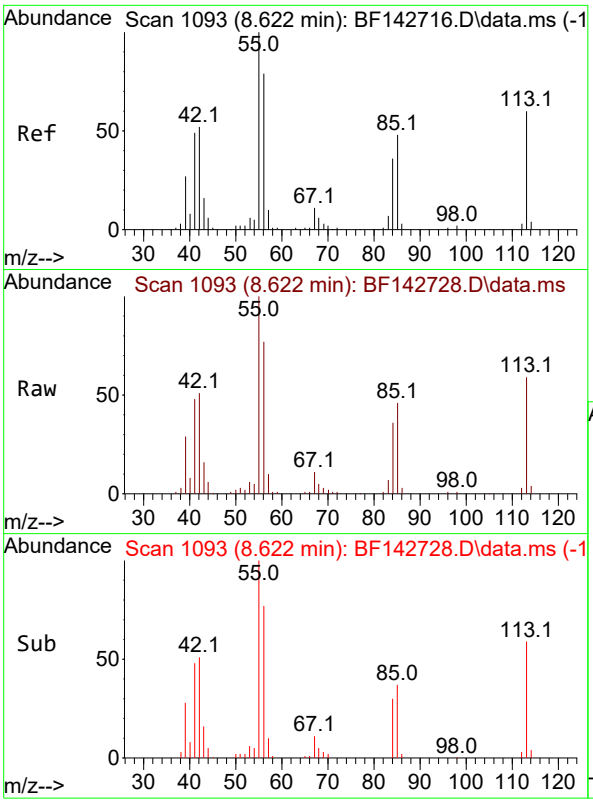


#34
Hexachlorobutadiene
Concen: 43.926 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:225 Resp: 134005

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.3	73.9
227	64.3	50.6	75.8

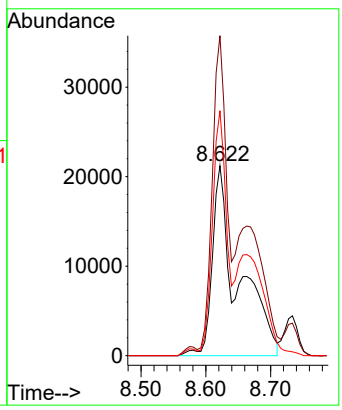




#35
Caprolactam
Concen: 49.858 ng m
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:113 Resp: 5830

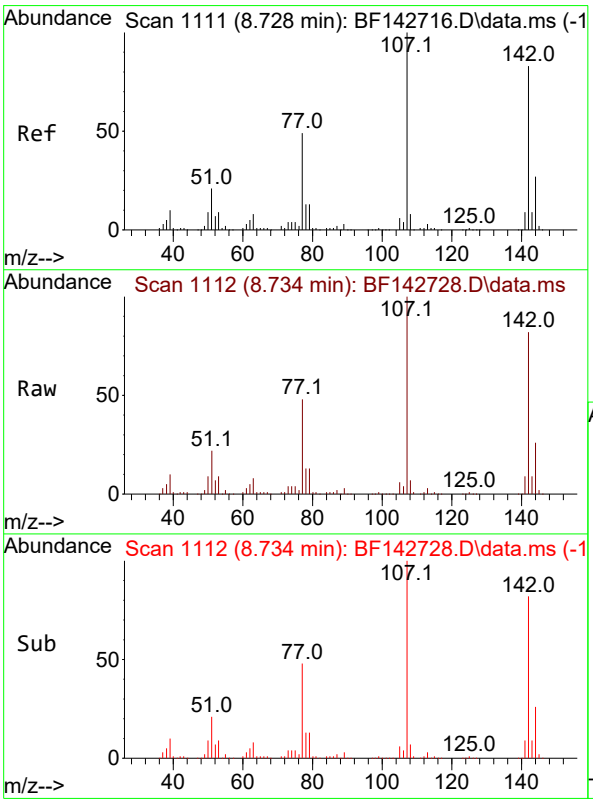
Ion	Ratio	Lower	Upper
113	100		
55	168.5	147.9	187.9
56	129.0	111.9	151.9



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

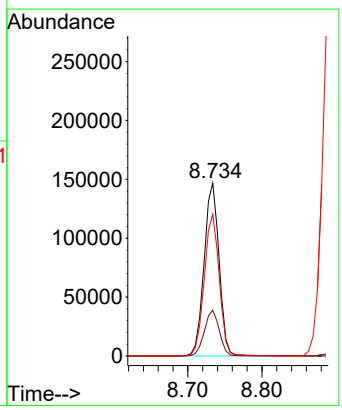
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

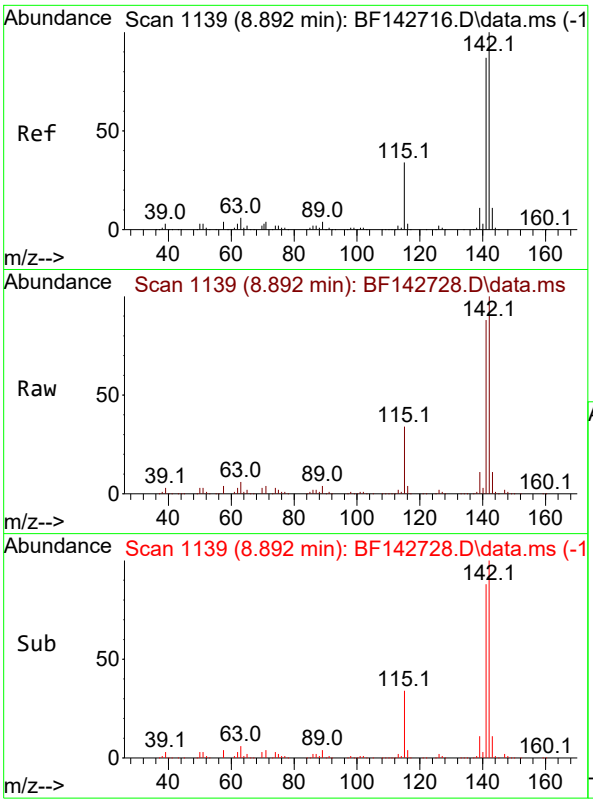


#36
4-Chloro-3-methylphenol
Concen: 45.766 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:107 Resp: 206170

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.3	31.9
142	82.0	66.2	99.2

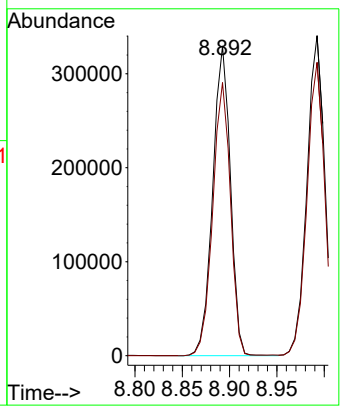




#37
2-Methylnaphthalene
Concen: 44.895 ng
RT: 8.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:142 Resp: 42814

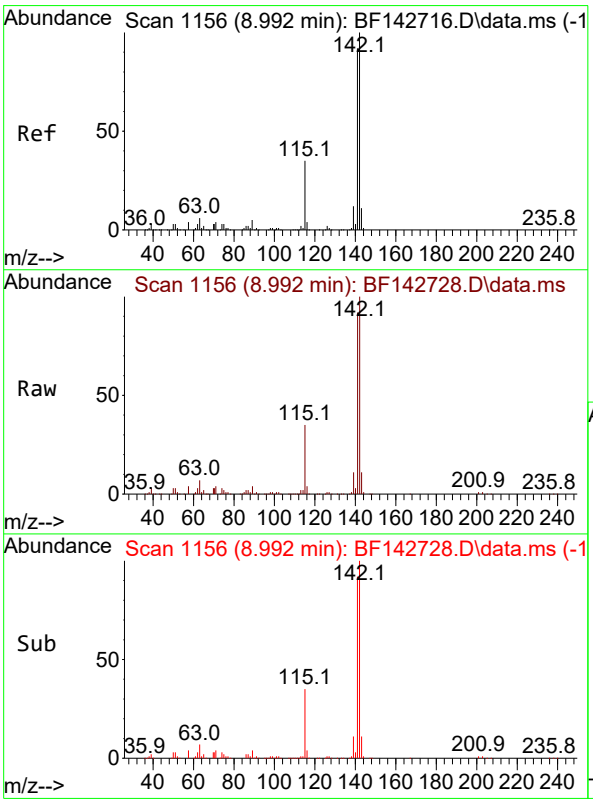
Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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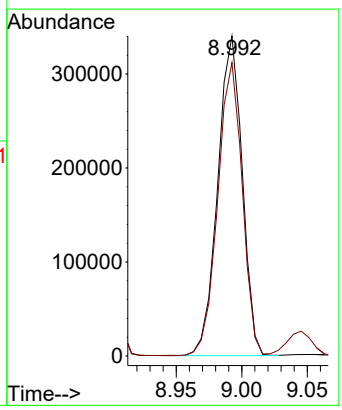
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

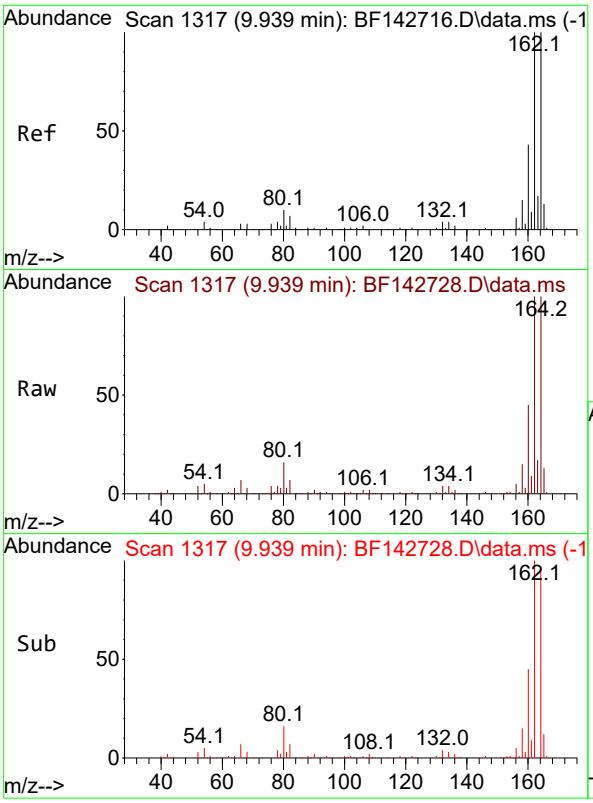


#38
1-Methylnaphthalene
Concen: 44.655 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:142 Resp: 441163

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3

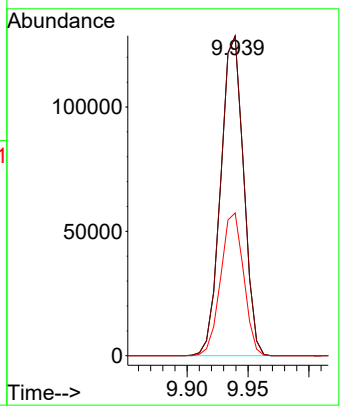




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:164 Resp: 16758

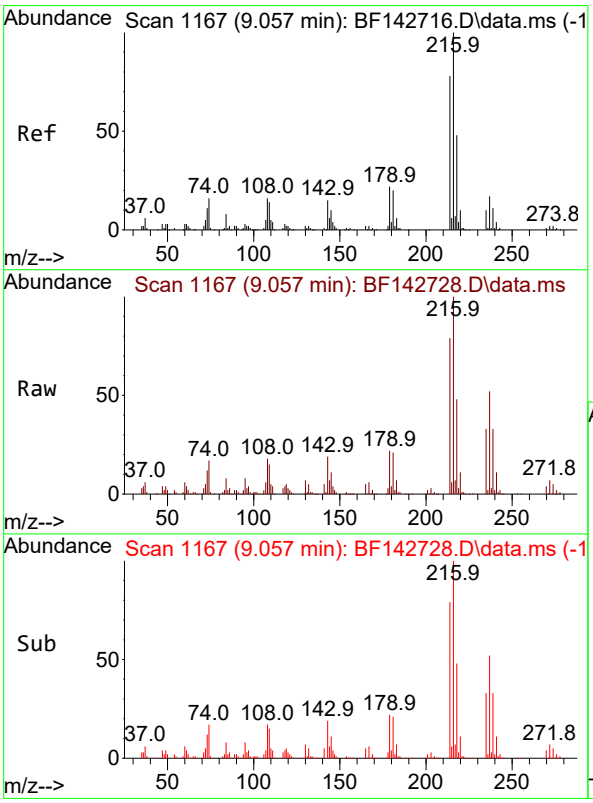
Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	44.7	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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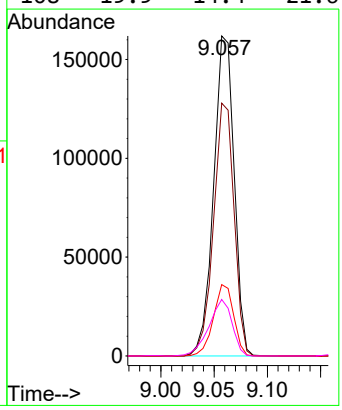
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

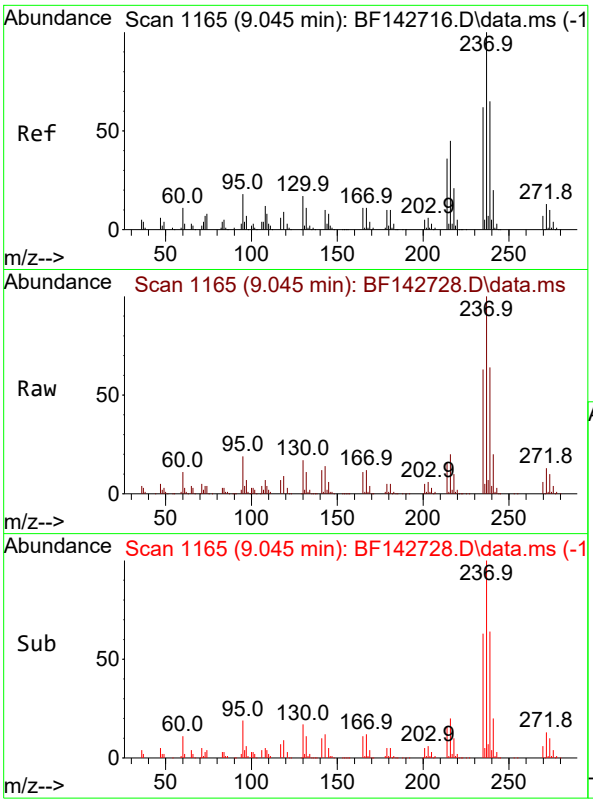


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:216 Resp: 216872

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	21.9	17.1	25.7
108	19.9	14.4	21.6

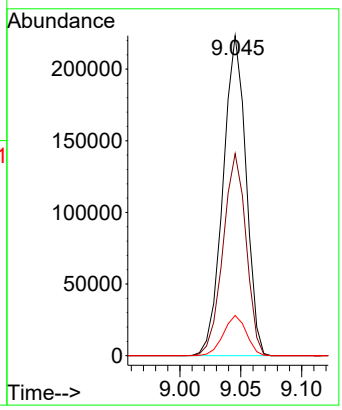




#41
Hexachlorocyclopentadiene
Concen: 94.162 ng
RT: 9.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:237 Resp: 29313

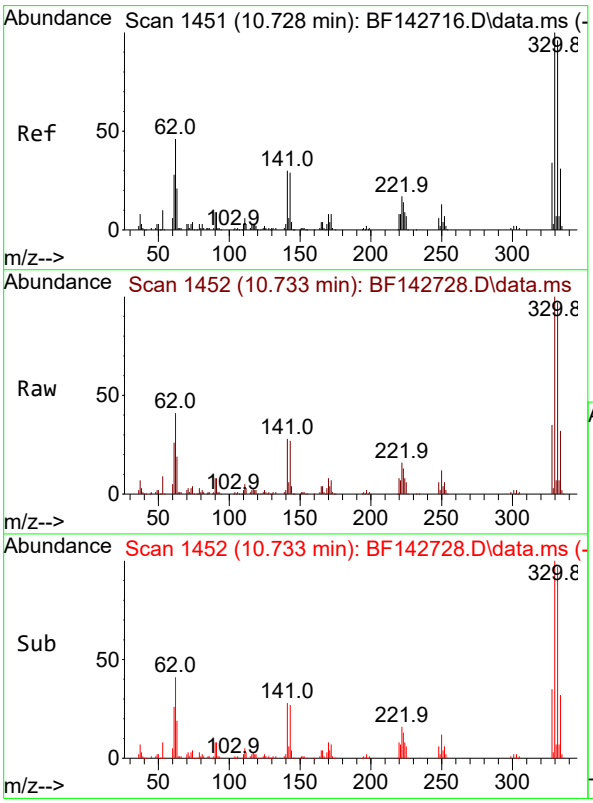
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.9	81.9
272	12.5	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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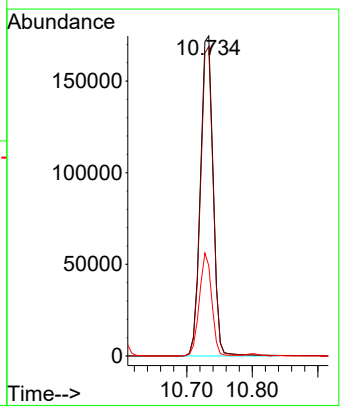
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

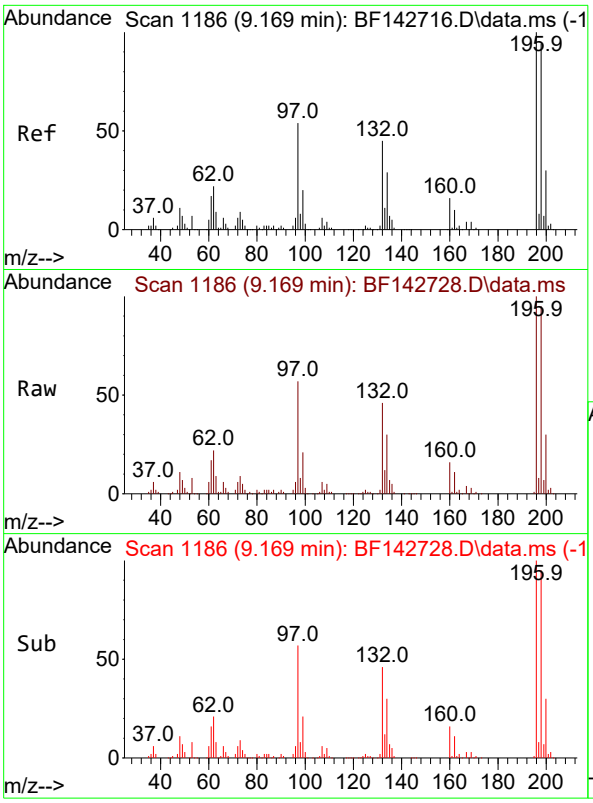


#42
2,4,6-Tribromophenol
Concen: 128.920 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.005 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:330 Resp: 236790

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.1	25.4	38.0

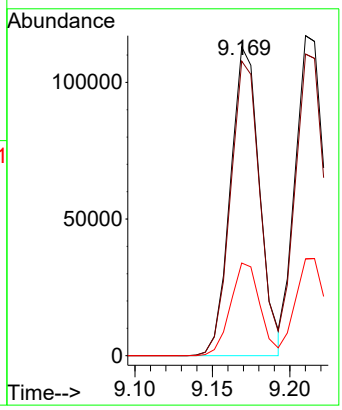




#43
2,4,6-Trichlorophenol
Concen: 47.231 ng
RT: 9.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:196 Resp: 14829

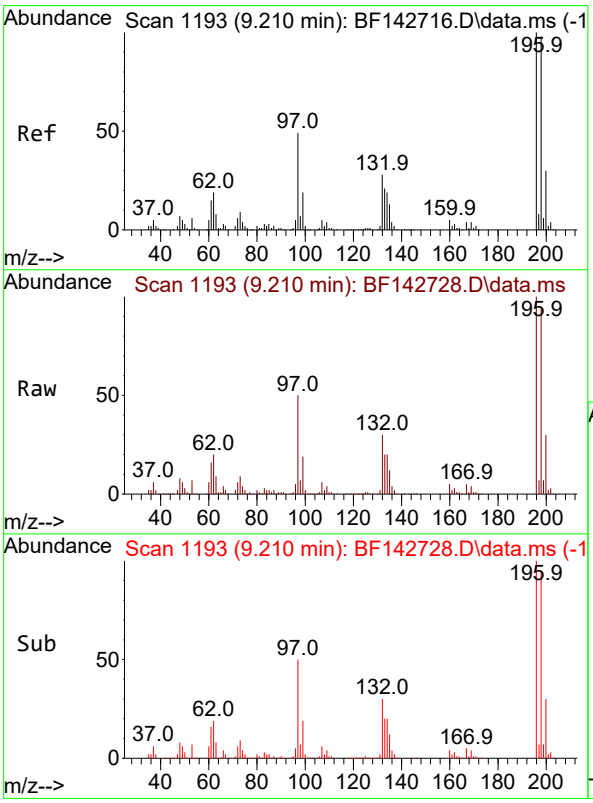
Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.5	113.3
200	30.0	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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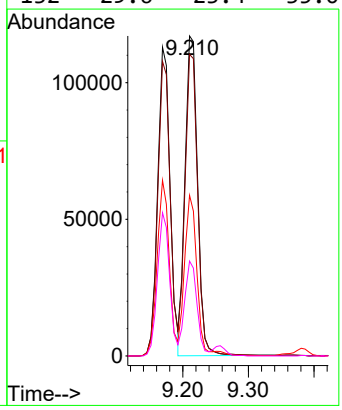
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

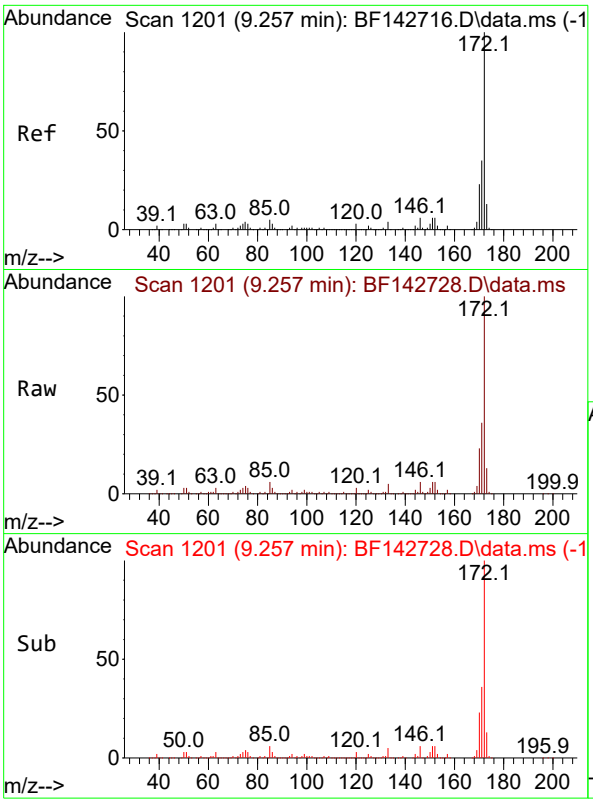


#44
2,4,5-Trichlorophenol
Concen: 45.944 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:196 Resp: 155805

Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.2	117.2
97	50.2	38.6	57.8
132	29.6	23.4	35.0

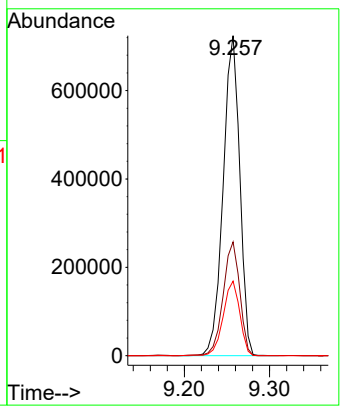




#45
2-Fluorobiphenyl
Concen: 77.646 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:172 Resp: 97944

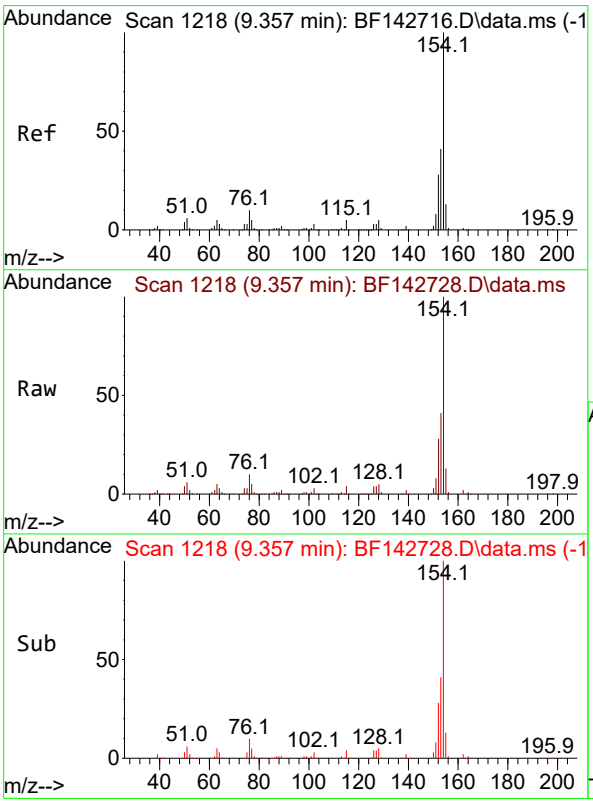
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.3	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

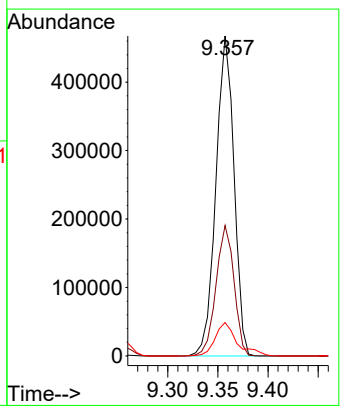
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

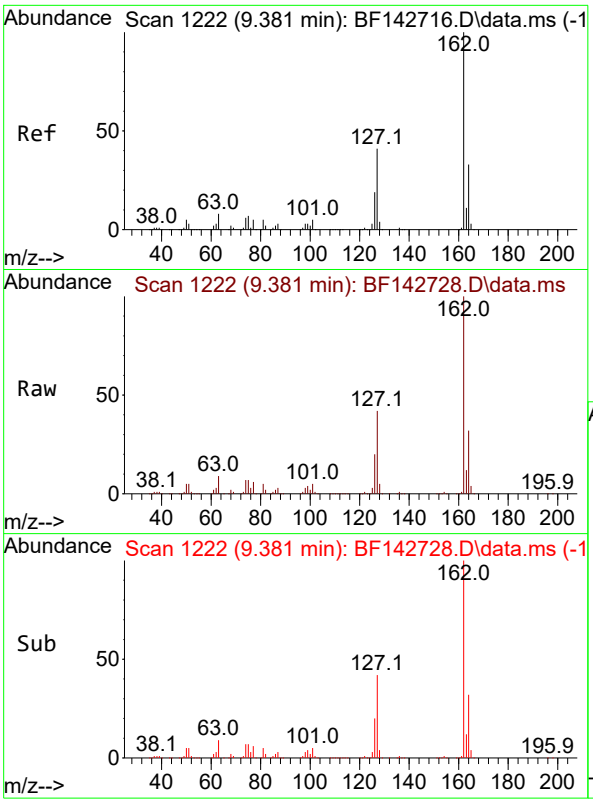


#46
1,1'-Biphenyl
Concen: 45.042 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:154 Resp: 586146

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	10.5	0.0	30.2

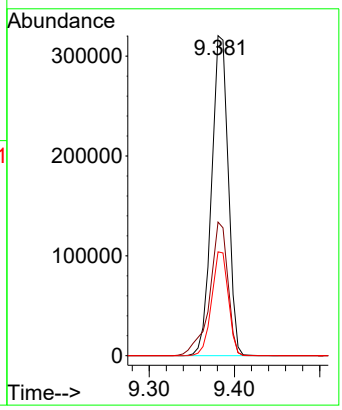




#47
2-Chloronaphthalene
Concen: 45.287 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:162 Resp: 43417

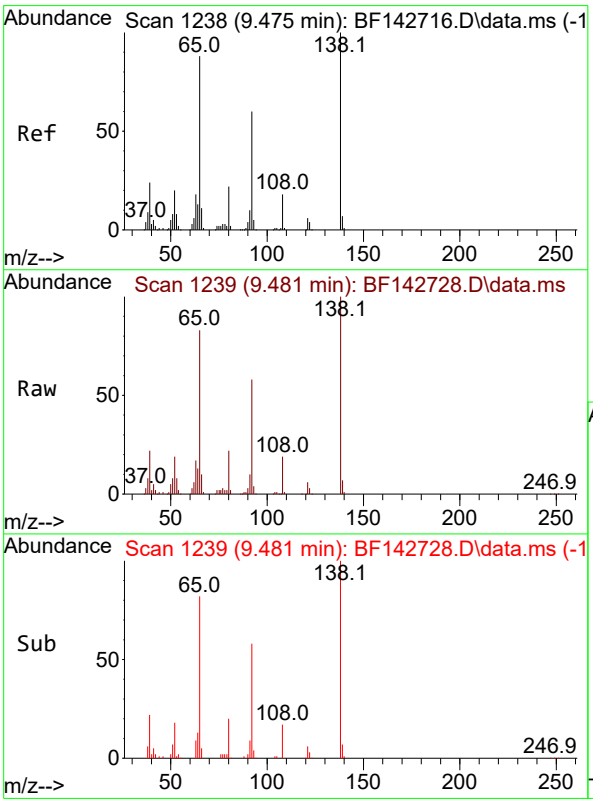
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.5	50.3
164	32.5	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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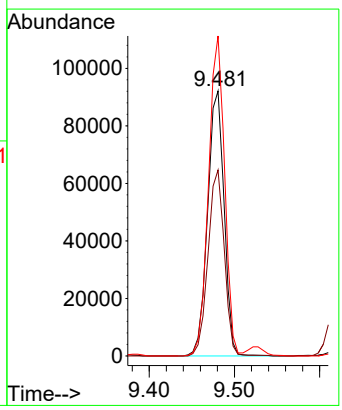
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

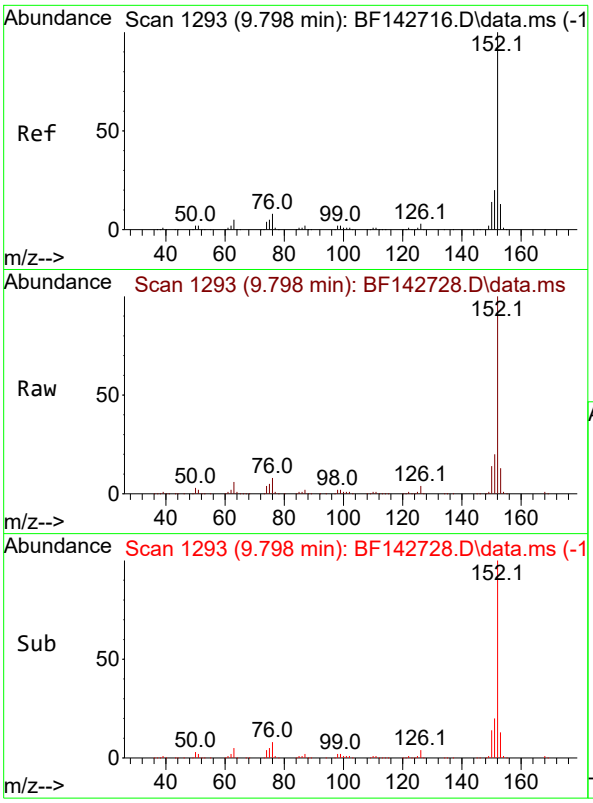


#48
2-Nitroaniline
Concen: 45.415 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 65 Resp: 123837

Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.5	81.7
138	120.8	90.6	136.0

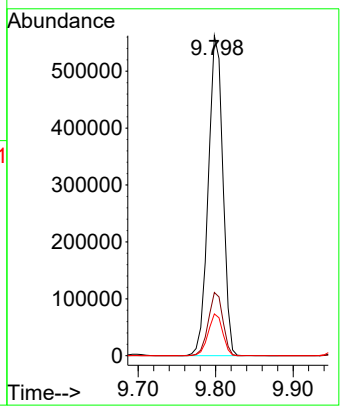




#49
Acenaphthylene
Concen: 45.406 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:152 Resp: 73399

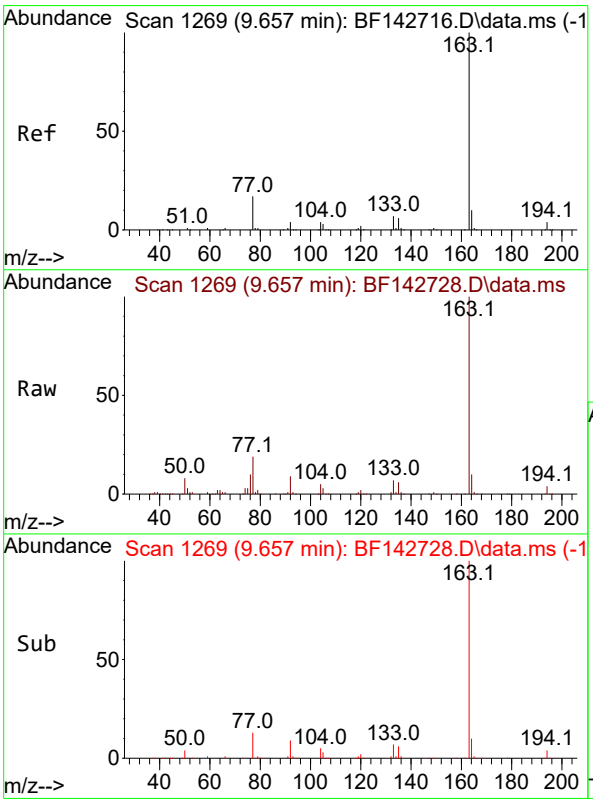
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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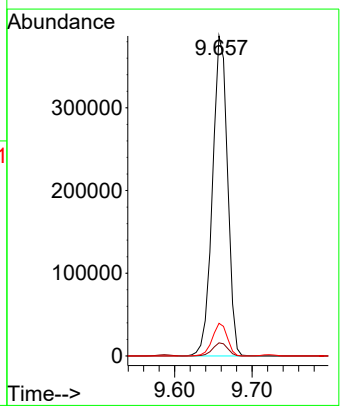
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

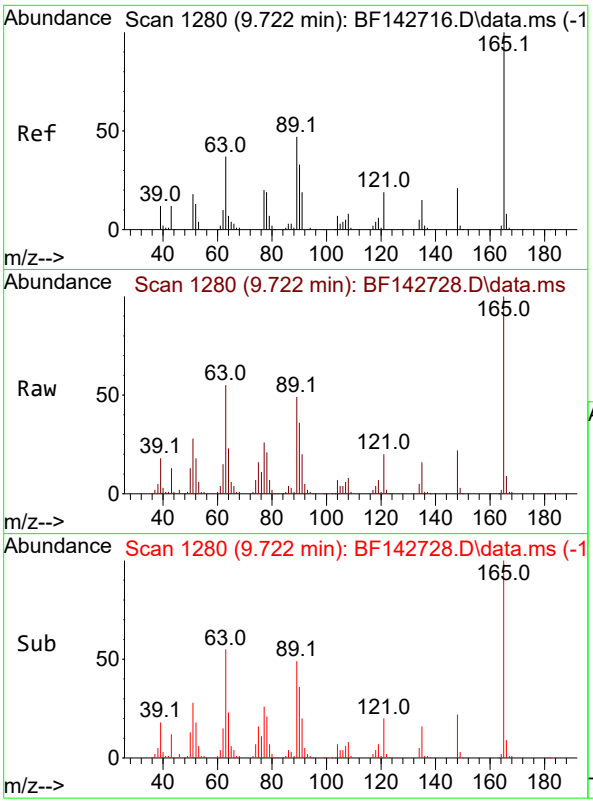


#50
Dimethylphthalate
Concen: 46.646 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:163 Resp: 522022

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 46.122 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

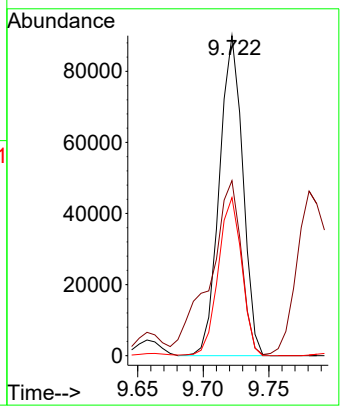
Tgt Ion:165 Resp: 11155

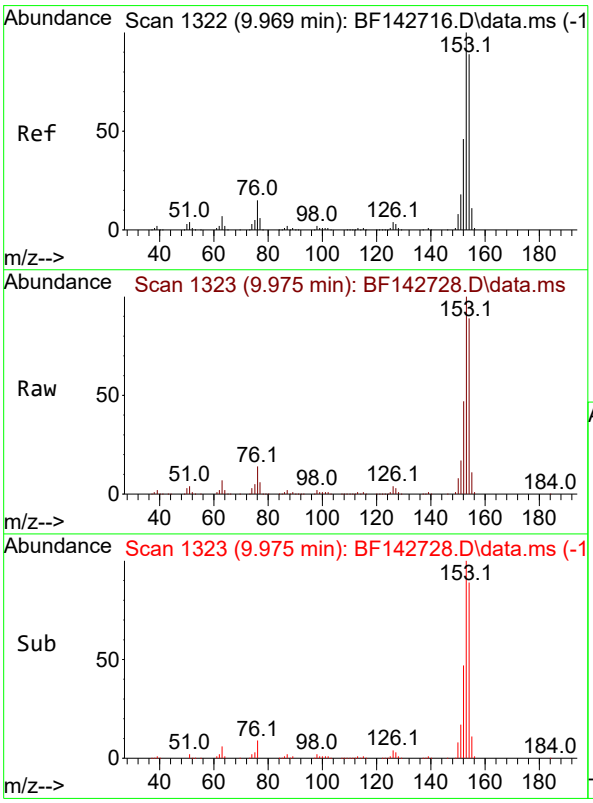
Ion	Ratio	Lower	Upper
165	100		
63	54.7	40.6	60.8
89	49.4	37.6	56.4

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

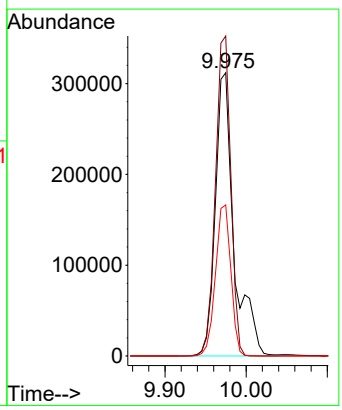


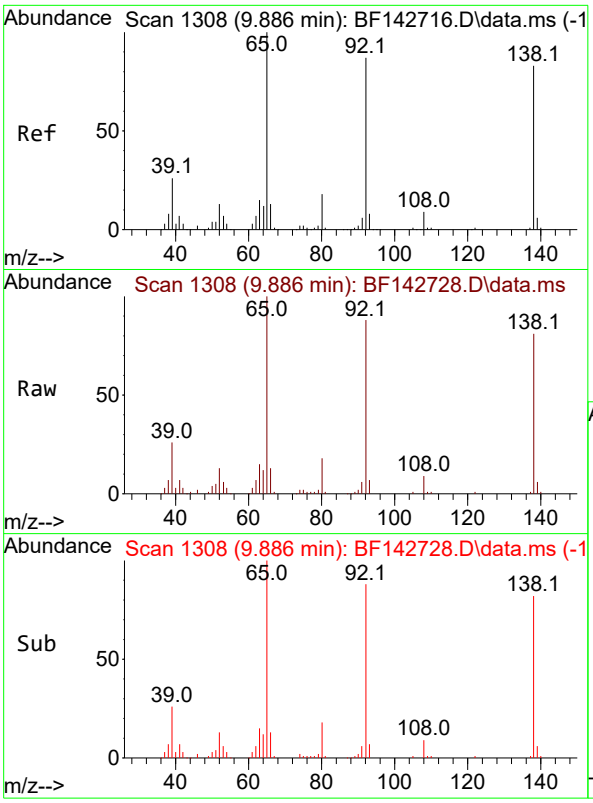


#52
Acenaphthene
Concen: 49.852 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:154 Resp: 499655

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	53.3	41.9	62.9





#53
3-Nitroaniline
Concen: 25.580 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

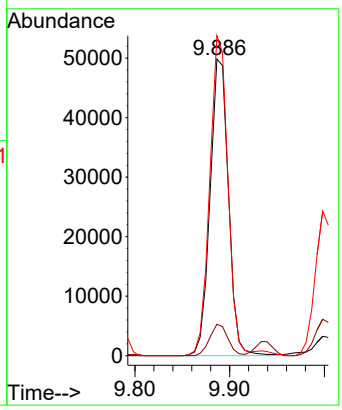
Tgt Ion:138 Resp: 6710

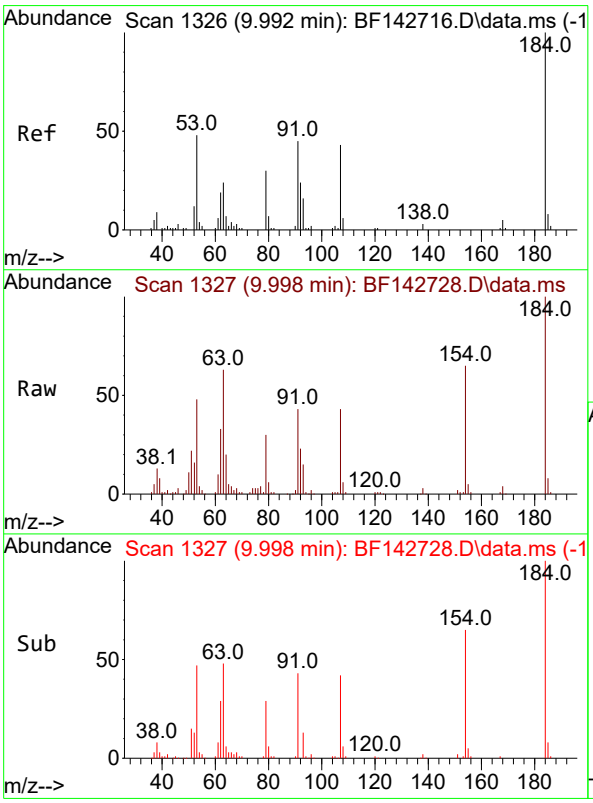
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	107.9	84.6	127.0

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

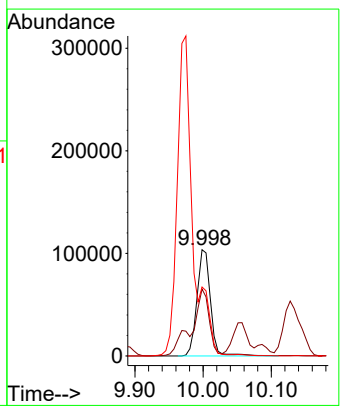


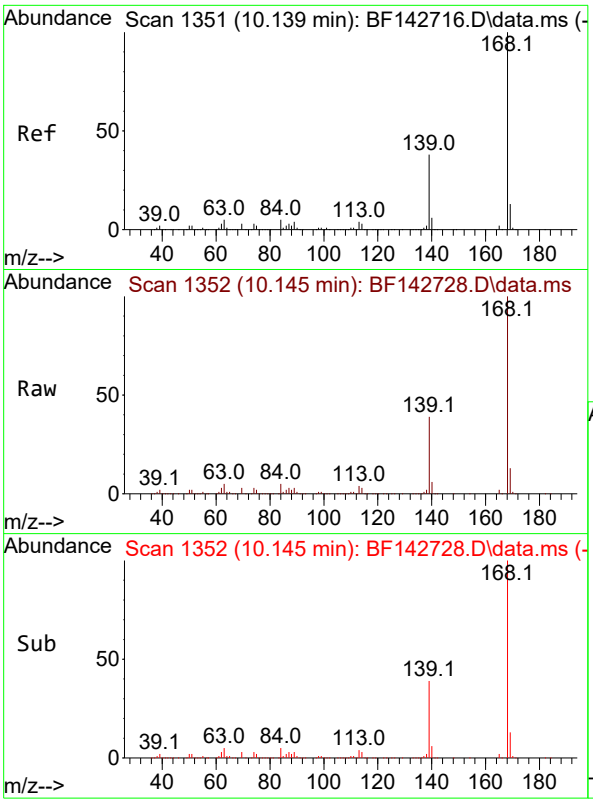


#54
2,4-Dinitrophenol
Concen: 107.815 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:184 Resp: 142845

Ion	Ratio	Lower	Upper
184	100		
63	63.0	51.7	77.5
154	65.0	60.1	90.1

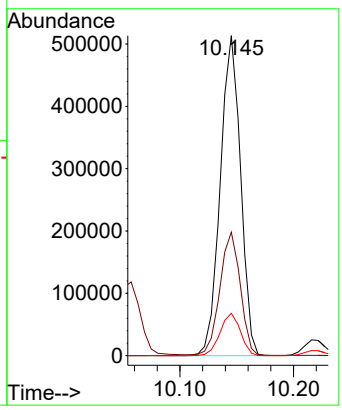




#55
Dibenzofuran
Concen: 44.730 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:168 Resp: 63839

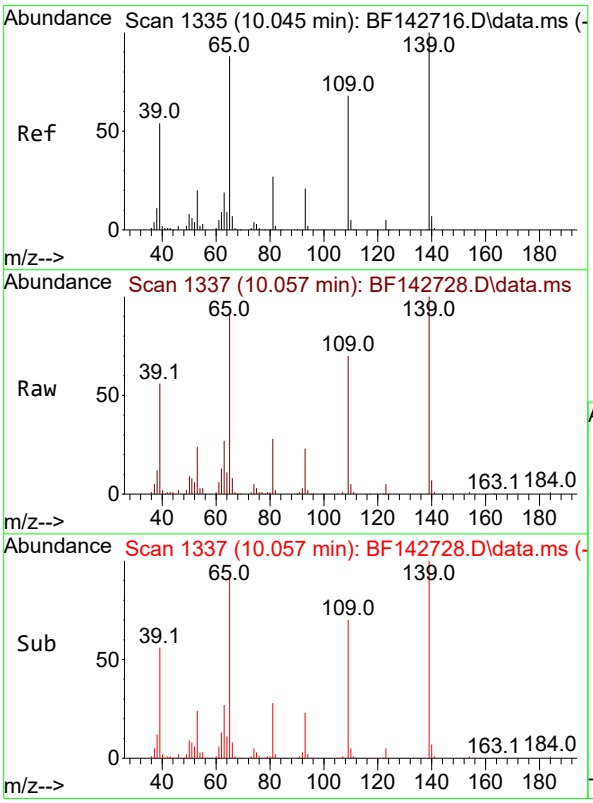
Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.9	46.3
169	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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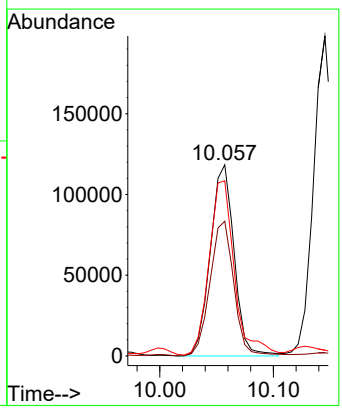
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

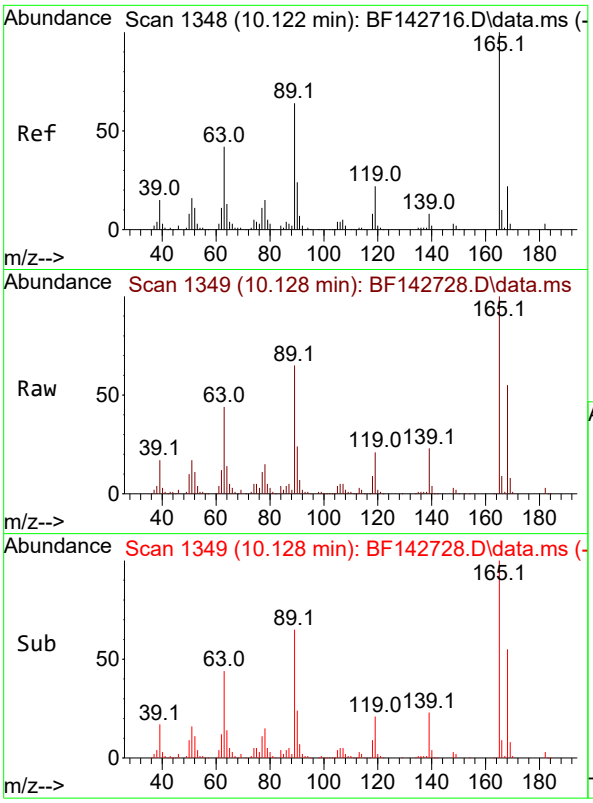


#56
4-Nitrophenol
Concen: 96.918 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:139 Resp: 172443

Ion	Ratio	Lower	Upper
139	100		
109	70.4	47.5	87.5
65	91.6	69.2	109.2

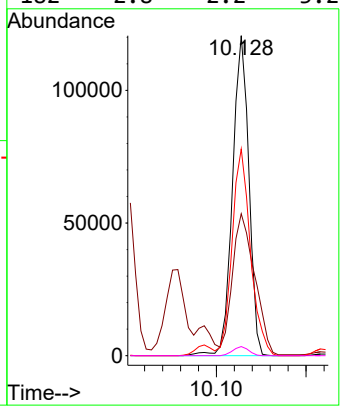




#57
2,4-Dinitrotoluene
Concen: 47.624 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:165 Resp: 15229

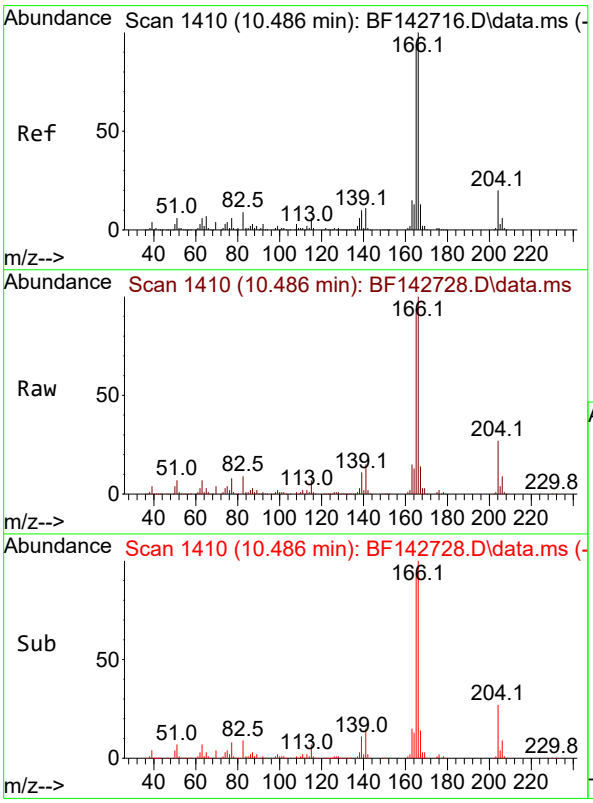
Ion	Ratio	Lower	Upper
165	100		
63	44.3	34.1	51.1
89	64.6	50.8	76.2
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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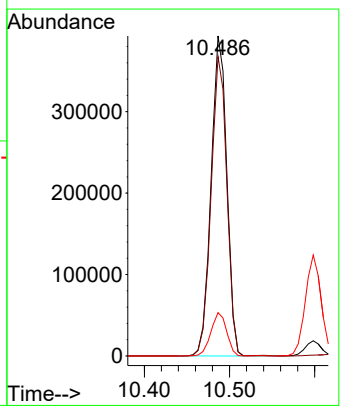
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

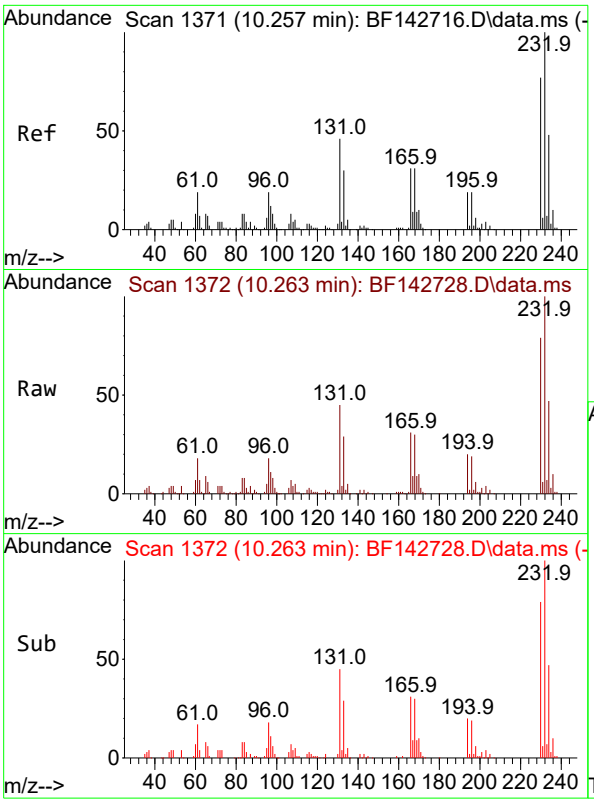


#58
Fluorene
Concen: 44.691 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:166 Resp: 503700

Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.9	112.3
167	13.5	10.7	16.1

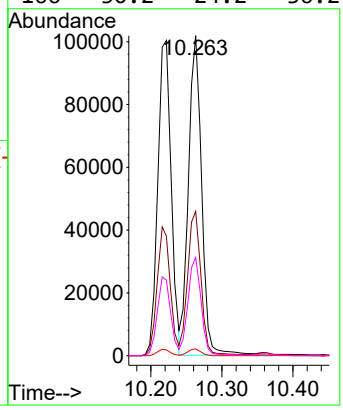




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.041 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:232 Resp: 13135

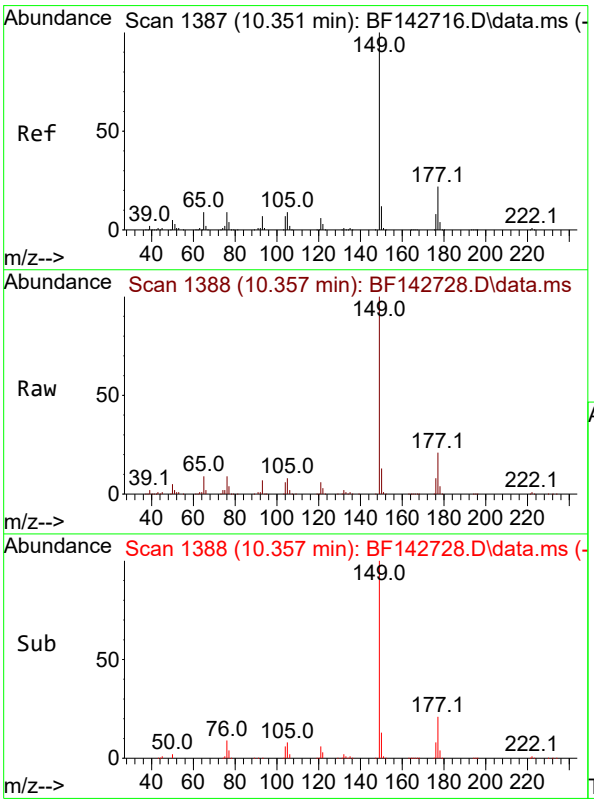
Ion	Ratio	Lower	Upper
232	100		
131	46.2	35.8	53.8
130	2.1	1.8	2.6
166	30.2	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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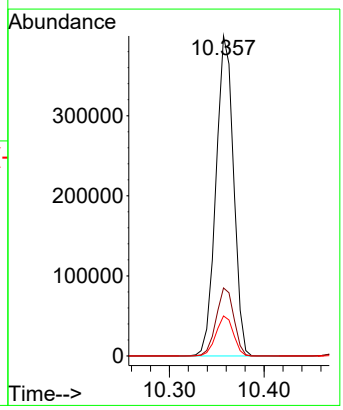
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

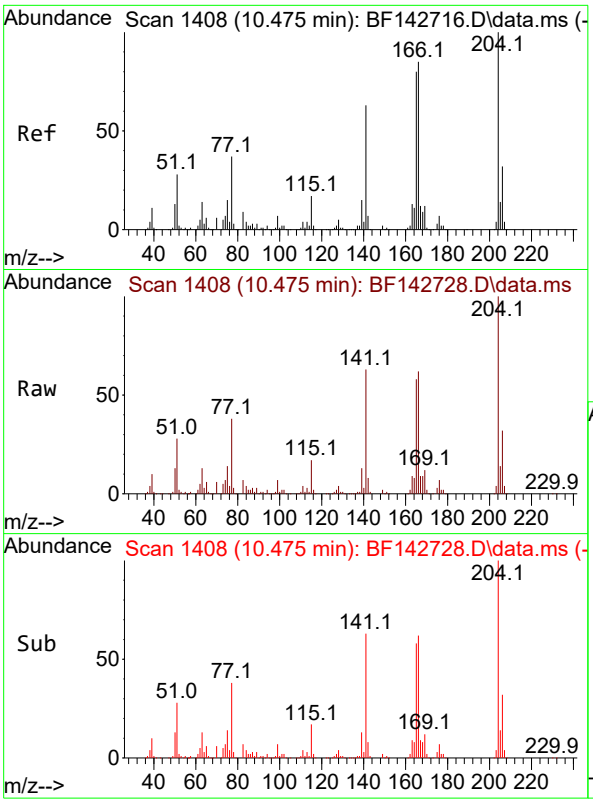


#60
Diethylphthalate
Concen: 46.575 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 516838

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.0
150	12.5	10.0	15.0

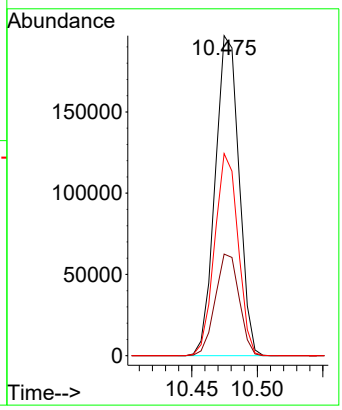




#61
4-Chlorophenyl-phenylether
Concen: 45.137 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:204 Resp: 24844

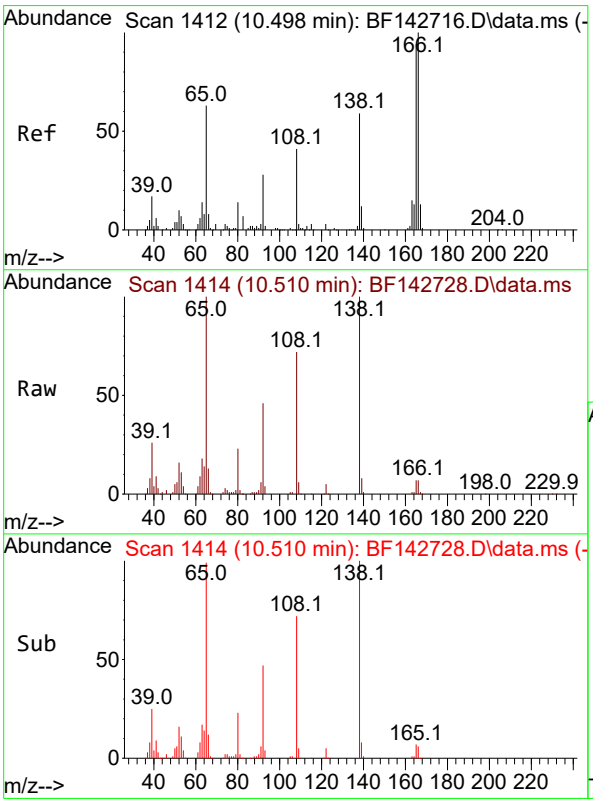
Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.9	38.9
141	63.1	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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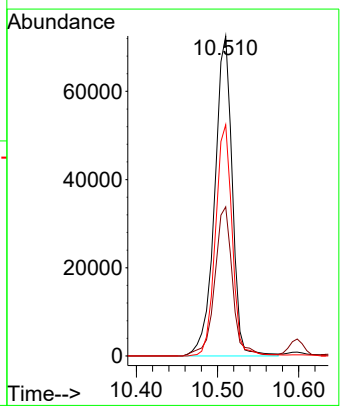
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

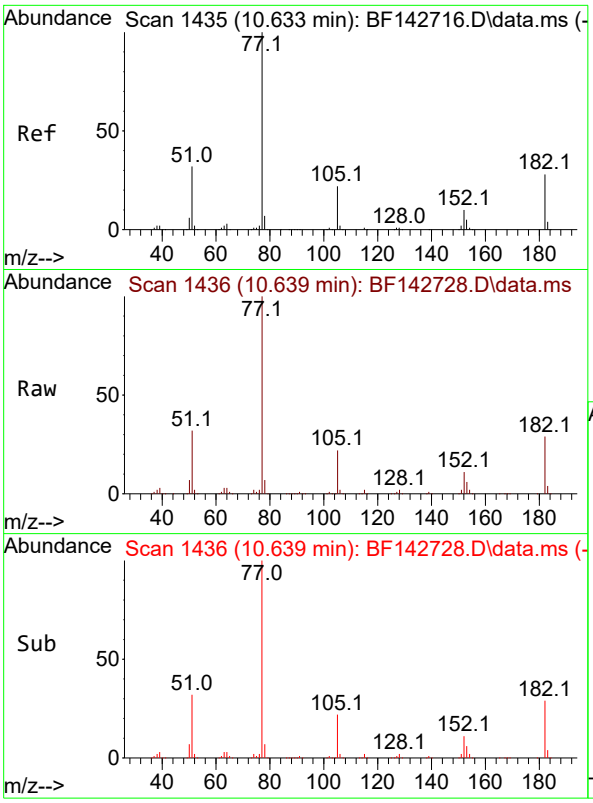


#62
4-Nitroaniline
Concen: 46.571 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:138 Resp: 109301

Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.2	67.2
108	72.3	49.9	89.9





#63
Azobenzene
Concen: 45.518 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

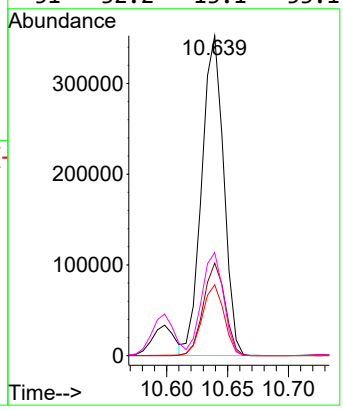
Instrument :
BNA_F
ClientSampleId :
PB168285BSD

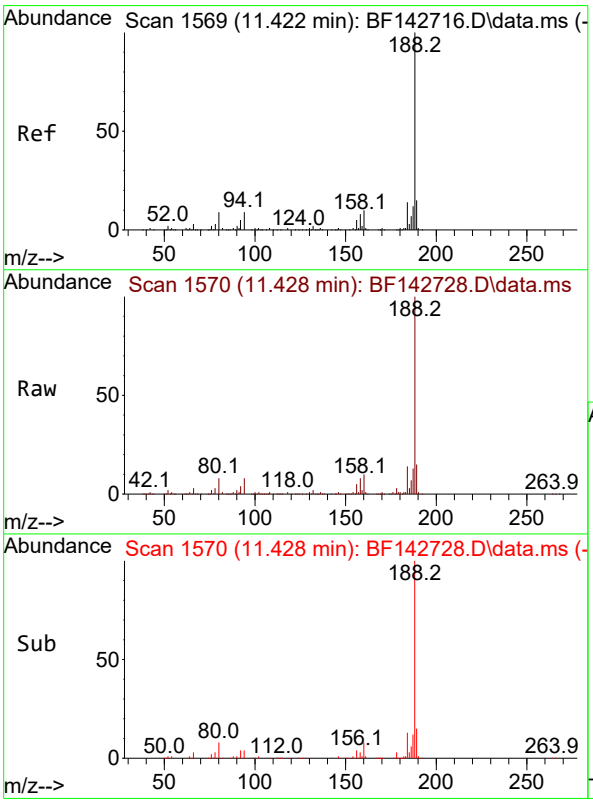
Tgt Ion: 77 Resp: 44113

Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.8	47.8
105	22.1	1.9	41.9
51	32.2	13.1	53.1

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

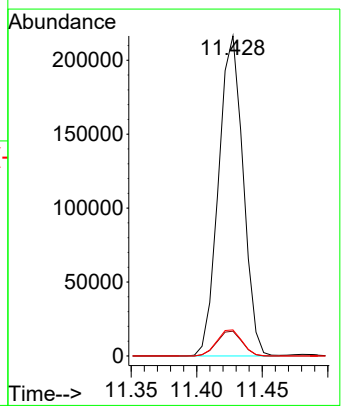


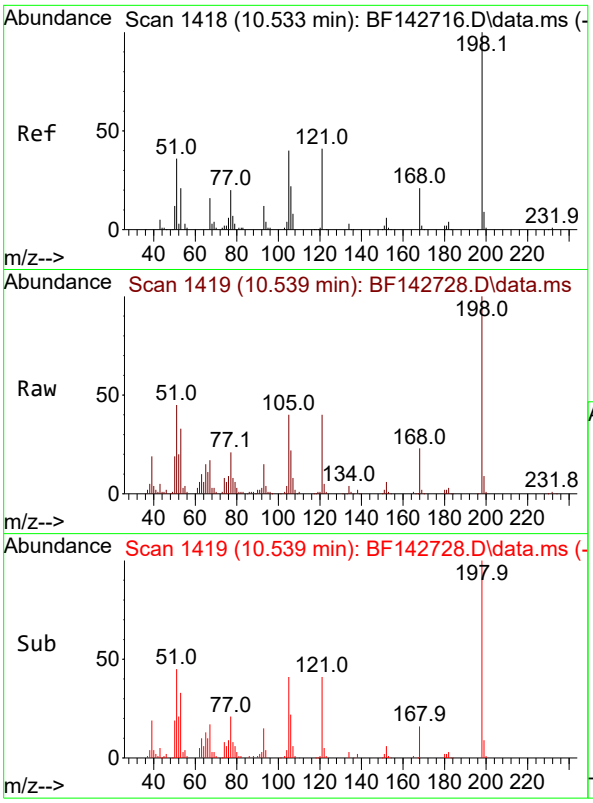


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:188 Resp: 281985

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.2	7.1	10.7

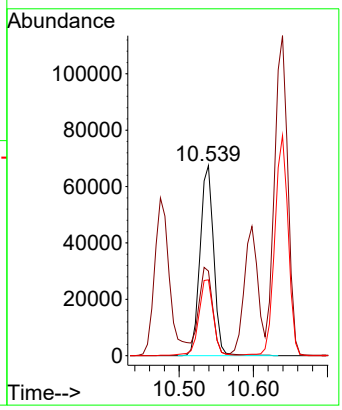




#65
4,6-Dinitro-2-methylphenol
Concen: 48.802 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:198 Resp: 8617

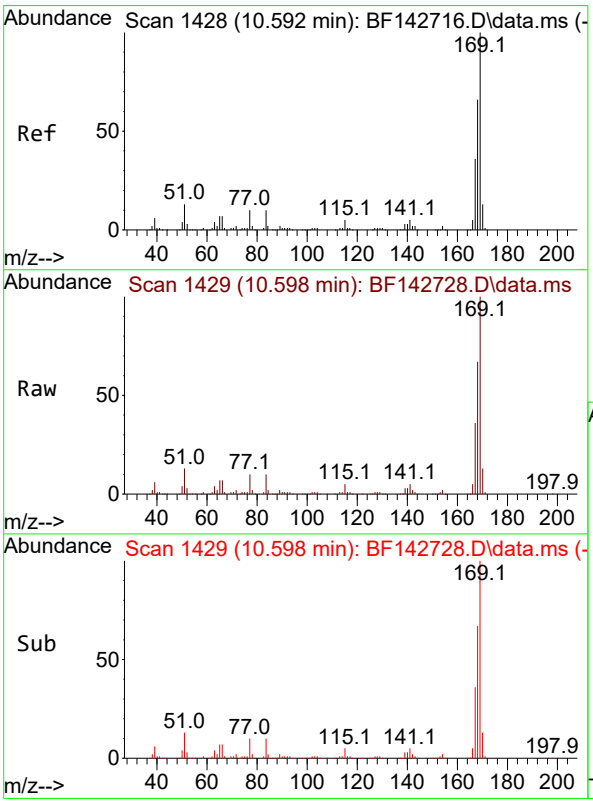
Ion	Ratio	Lower	Upper
198	100		
51	44.5	25.5	65.5
105	39.9	21.1	61.1



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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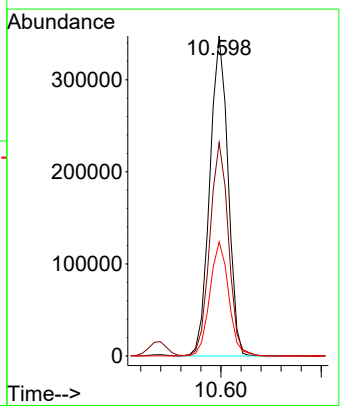
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

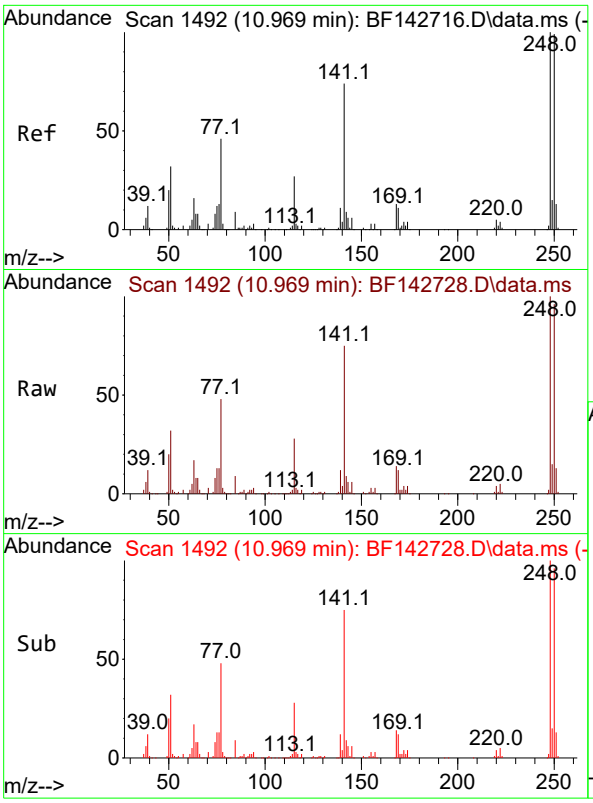


#66
n-Nitrosodiphenylamine
Concen: 45.128 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:169 Resp: 437418

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	35.7	28.7	43.1

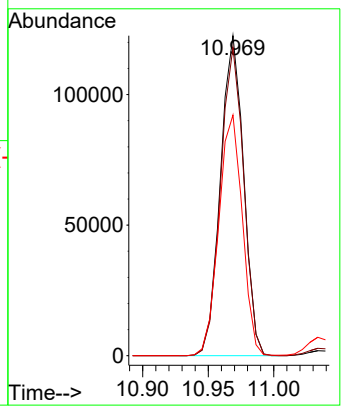




#67
4-Bromophenyl-phenylether
Concen: 45.172 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:248 Resp: 15035

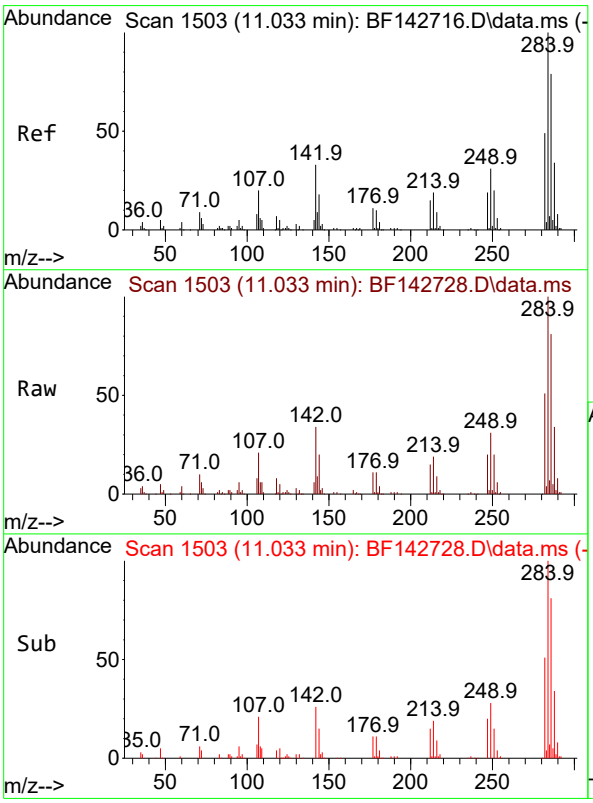
Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.2	118.8
141	75.2	59.3	88.9



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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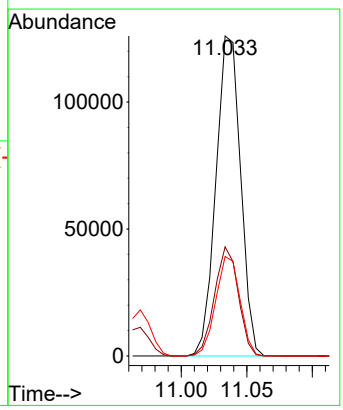
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

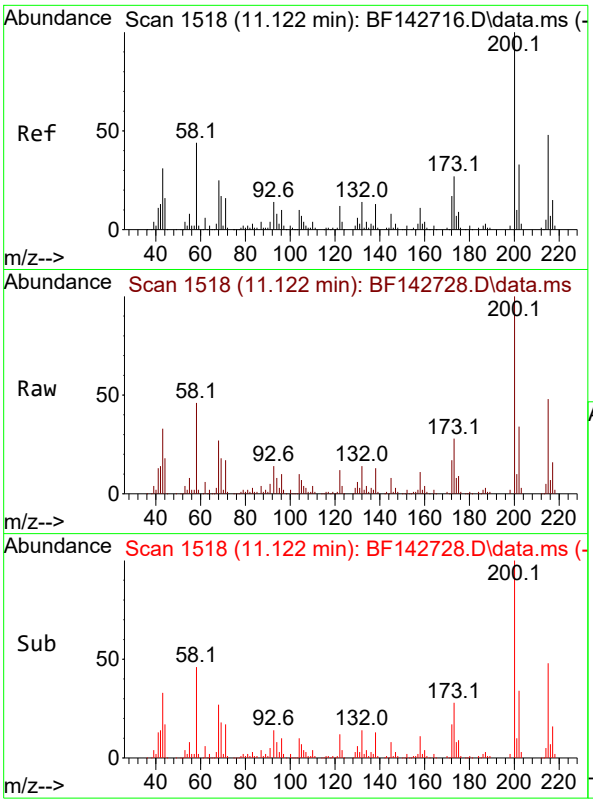


#68
Hexachlorobenzene
Concen: 44.578 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:284 Resp: 164704

Ion	Ratio	Lower	Upper
284	100		
142	34.1	26.0	39.0
249	31.1	24.6	37.0

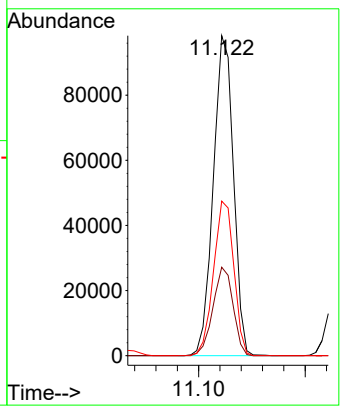




#69
Atrazine
Concen: 49.805 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:200 Resp: 12870

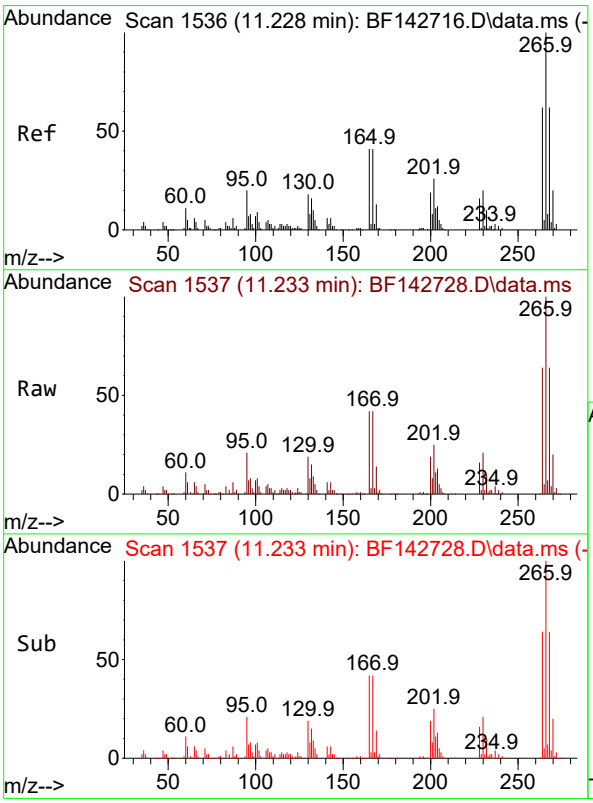
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	48.3	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

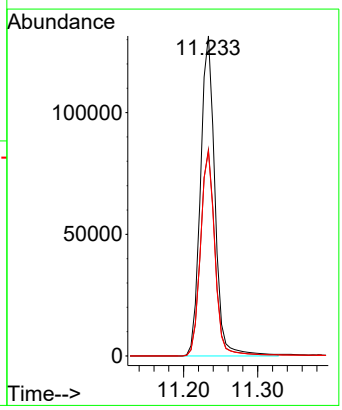
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

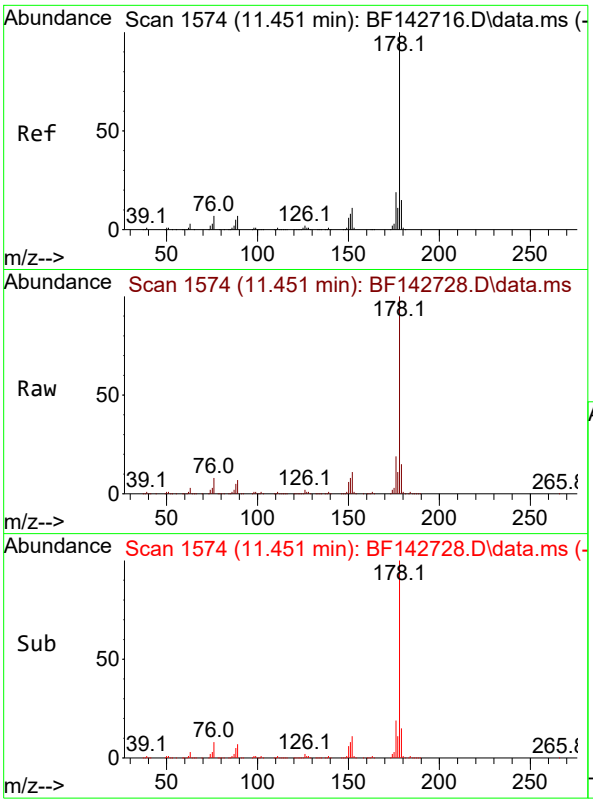


#70
Pentachlorophenol
Concen: 92.443 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:266 Resp: 179040

Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.6	74.4
264	63.9	49.5	74.3

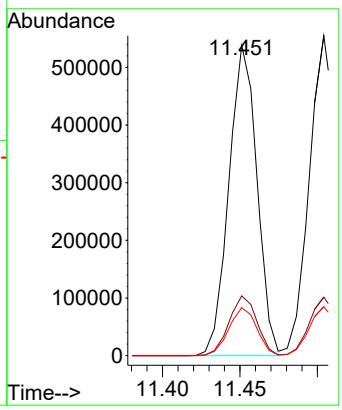




#71
Phenanthrene
Concen: 44.919 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:178 Resp: 67858

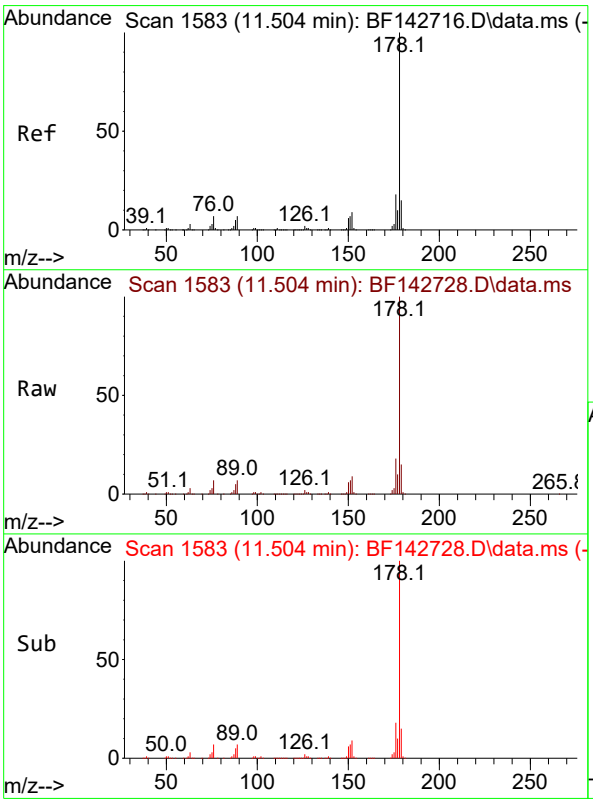
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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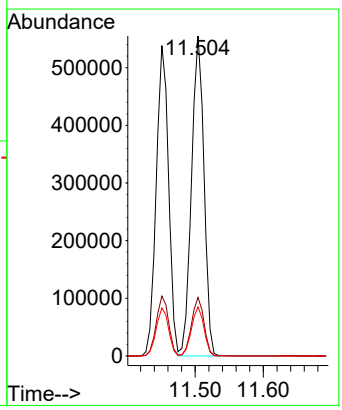
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

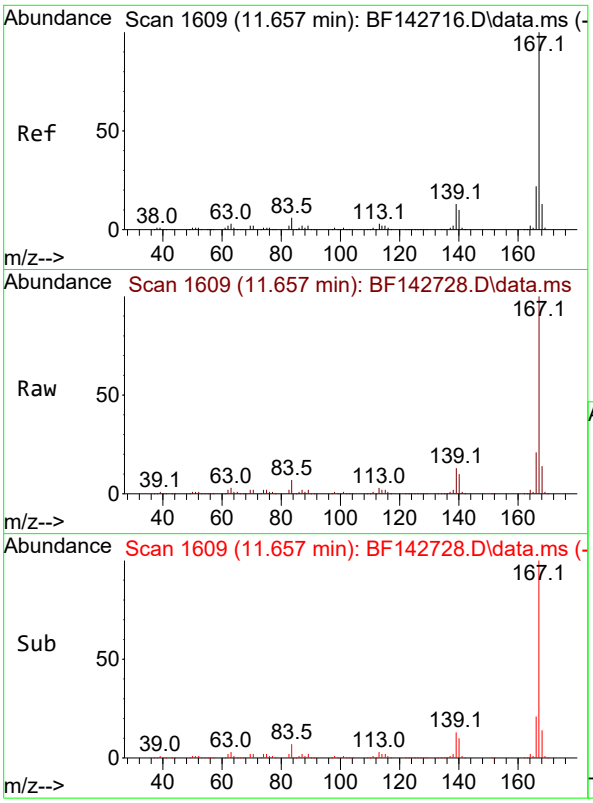


#72
Anthracene
Concen: 44.926 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:178 Resp: 702094

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	12.2	18.2

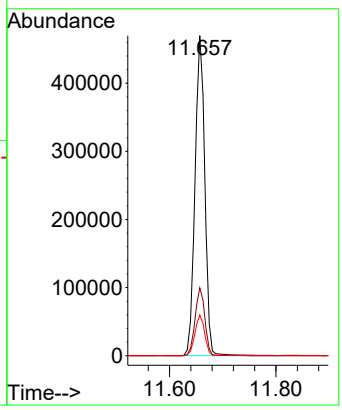




#73
Carbazole
Concen: 45.988 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

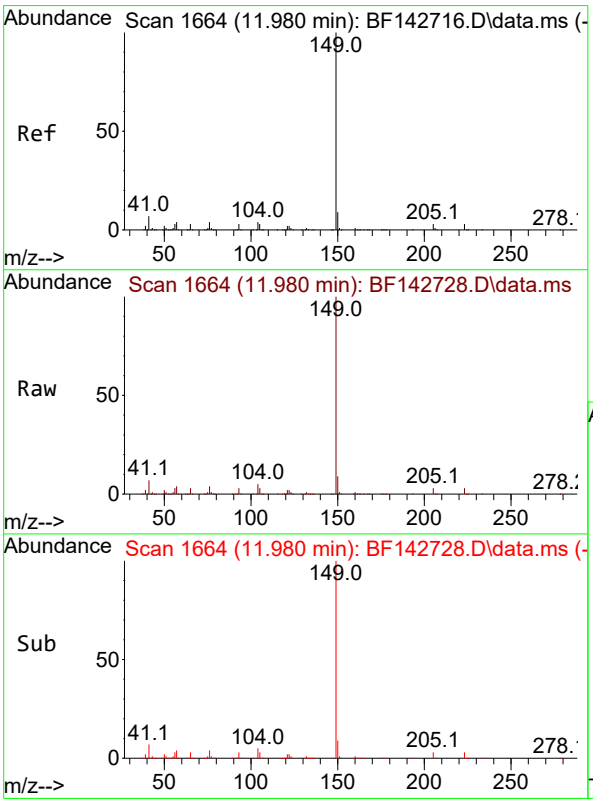
Tgt Ion:167 Resp: 60166

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.7	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

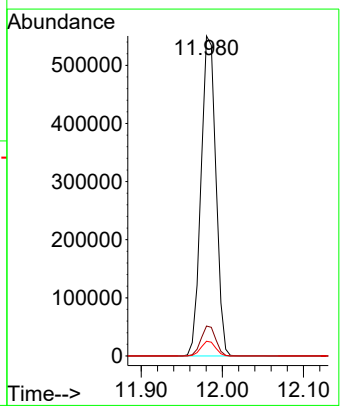
Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

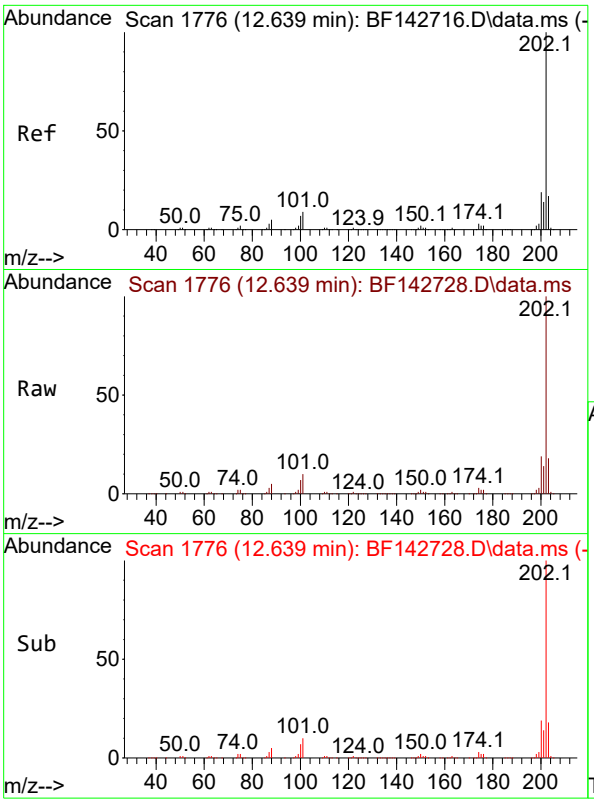


#74
Di-n-butylphthalate
Concen: 47.886 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 699562

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.6	3.4	5.2

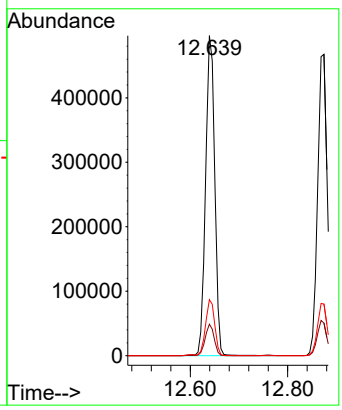




#75
Fluoranthene
Concen: 44.944 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:202 Resp: 64562

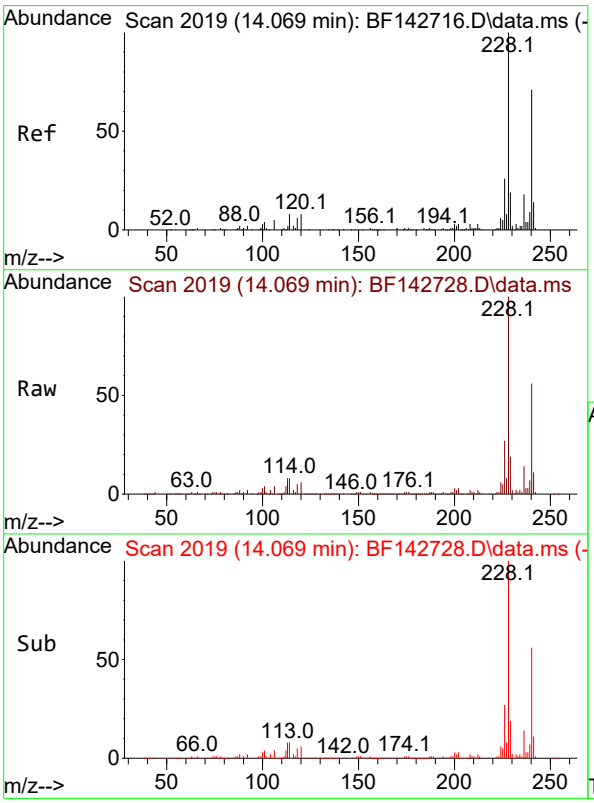
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.5
203	17.5	0.0	37.0



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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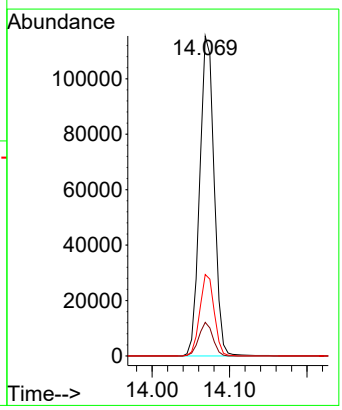
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

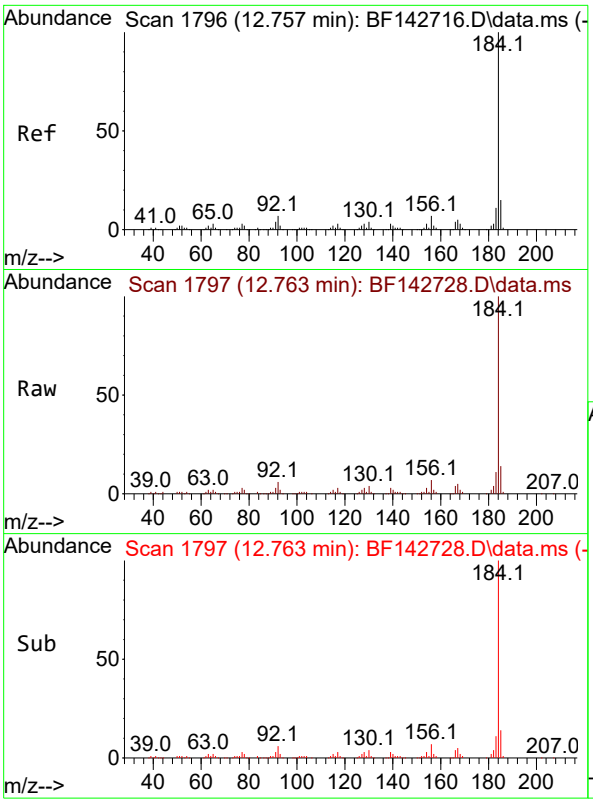


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:240 Resp: 148975

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	25.5	20.1	30.1





#77
Benzidine
Concen: 32.546 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

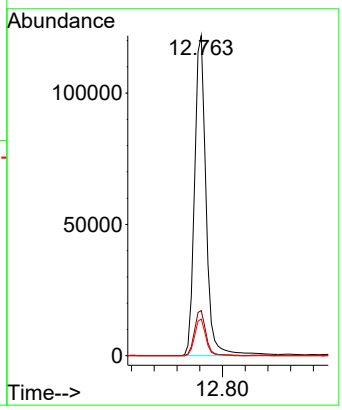
Tgt Ion:184 Resp: 17267

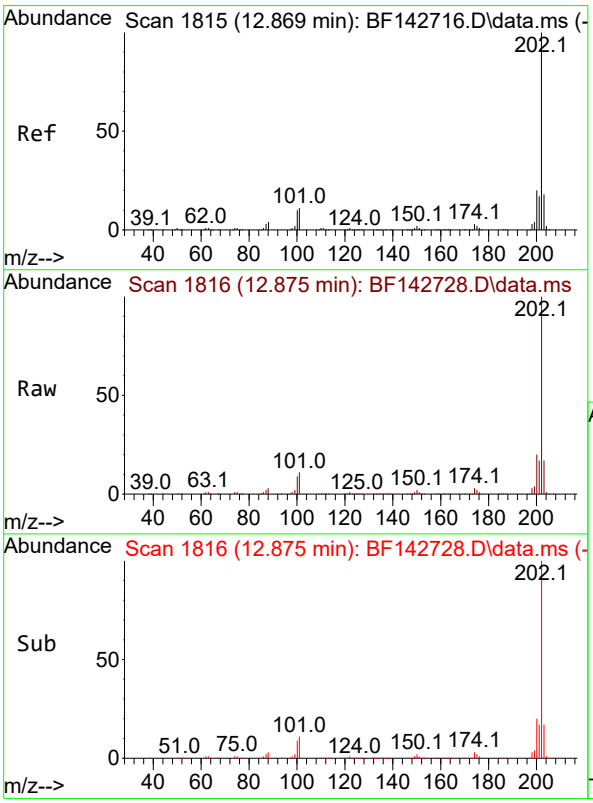
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.7	17.5
183	11.5	8.6	12.8

Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

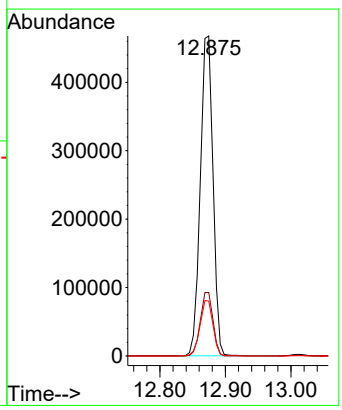


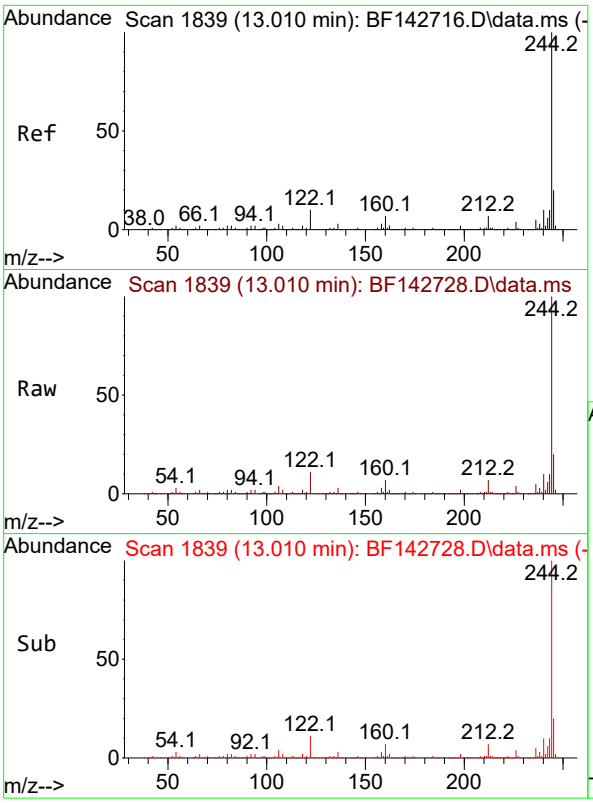


#78
Pyrene
Concen: 45.628 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:202 Resp: 631683

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.1	14.1	21.1

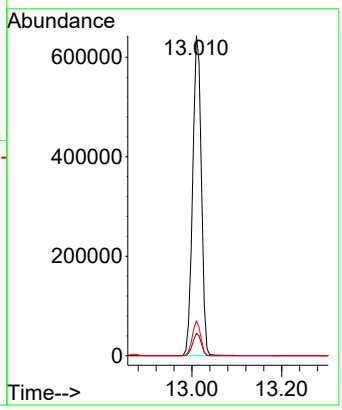




#79
Terphenyl-d14
Concen: 79.236 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:244 Resp: 85945

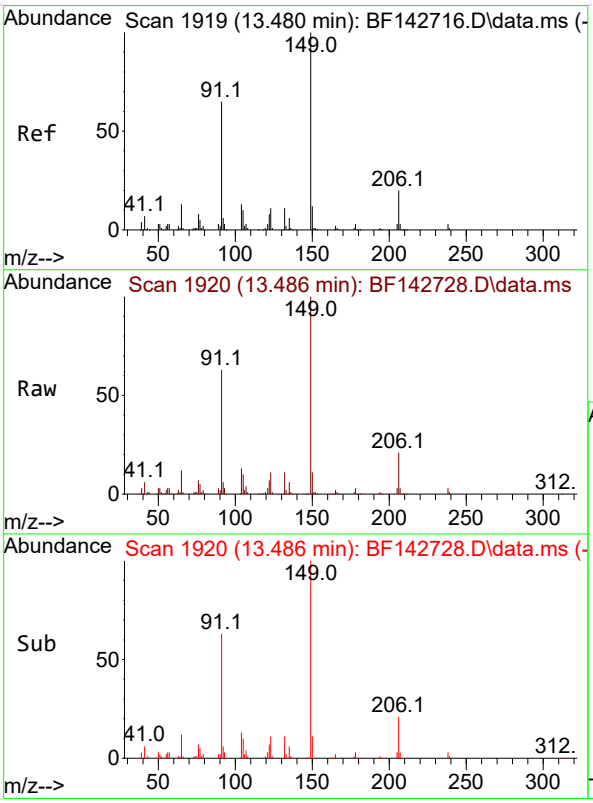
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

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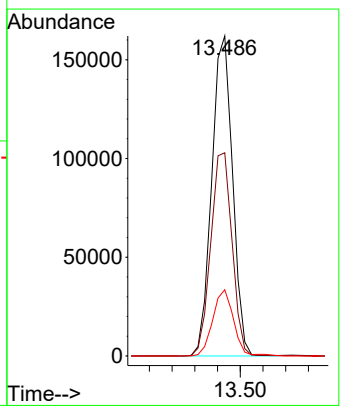
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

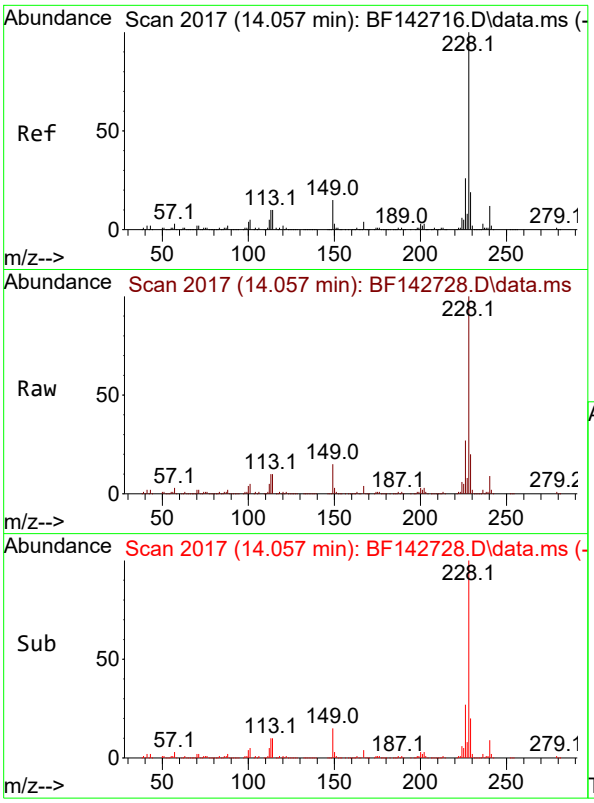


#80
Butylbenzylphthalate
Concen: 50.334 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 206062

Ion	Ratio	Lower	Upper
149	100		
91	63.5	52.3	78.5
206	20.7	16.0	24.0

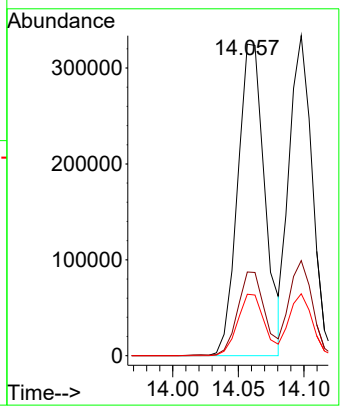




#81
Benzo(a)anthracene
Concen: 47.577 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:228 Resp: 46968

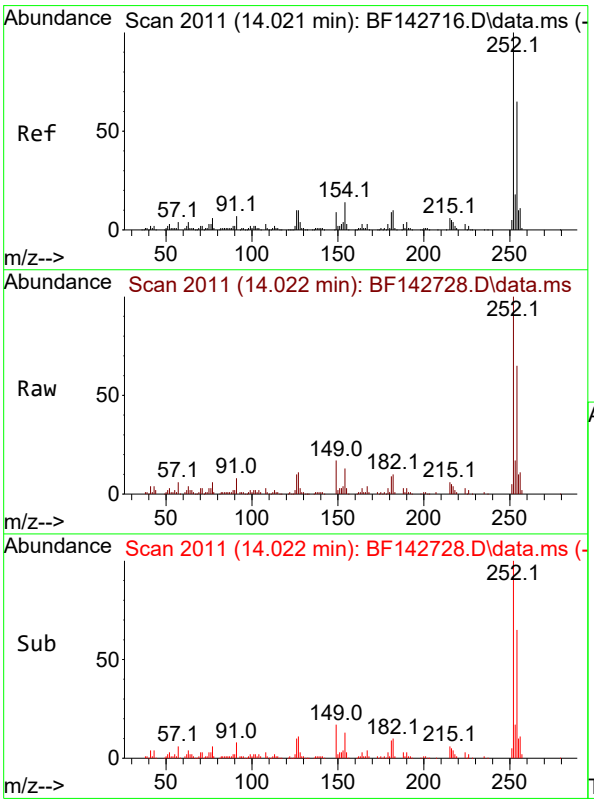
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.7	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
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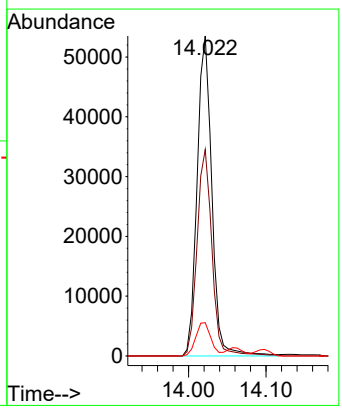
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

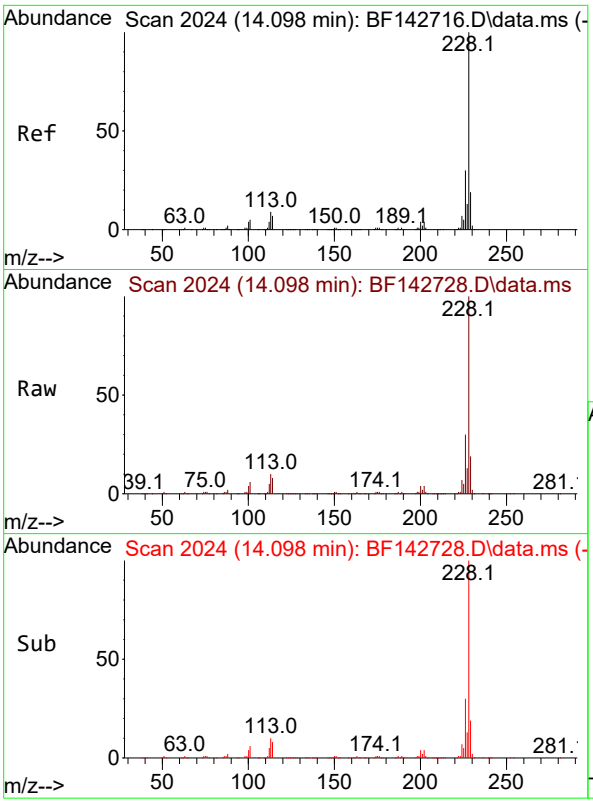


#82
3,3'-Dichlorobenzidine
Concen: 22.208 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:252 Resp: 70698

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	10.4	8.1	12.1





#83
Chrysene
Concen: 44.809 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

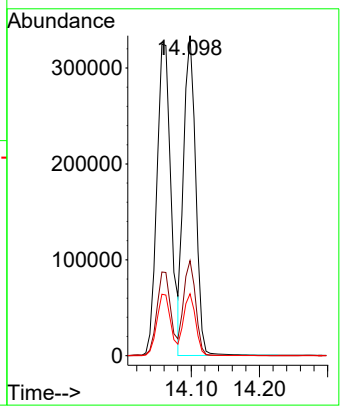
Instrument :
BNA_F
ClientSampleId :
PB168285BSD

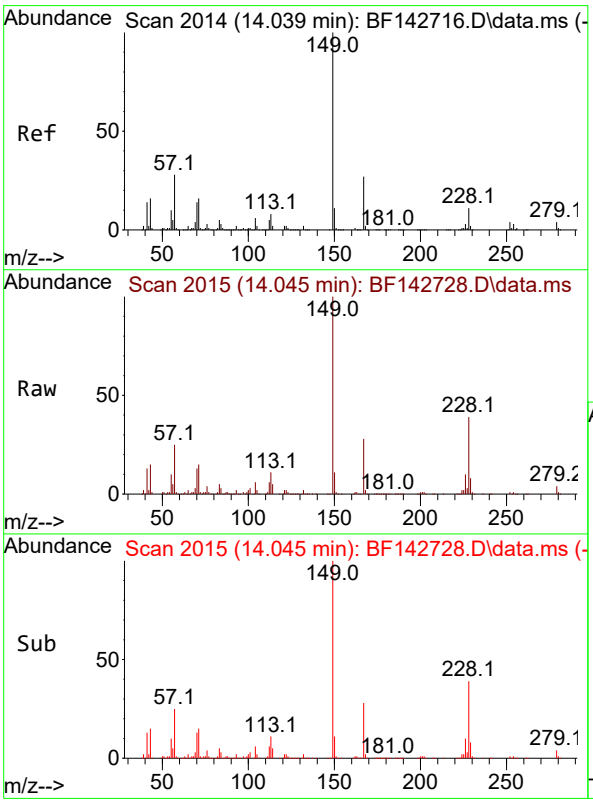
Tgt Ion:228 Resp: 40841

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	19.3	15.5	23.3

Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

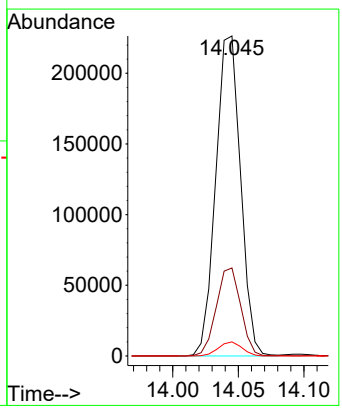


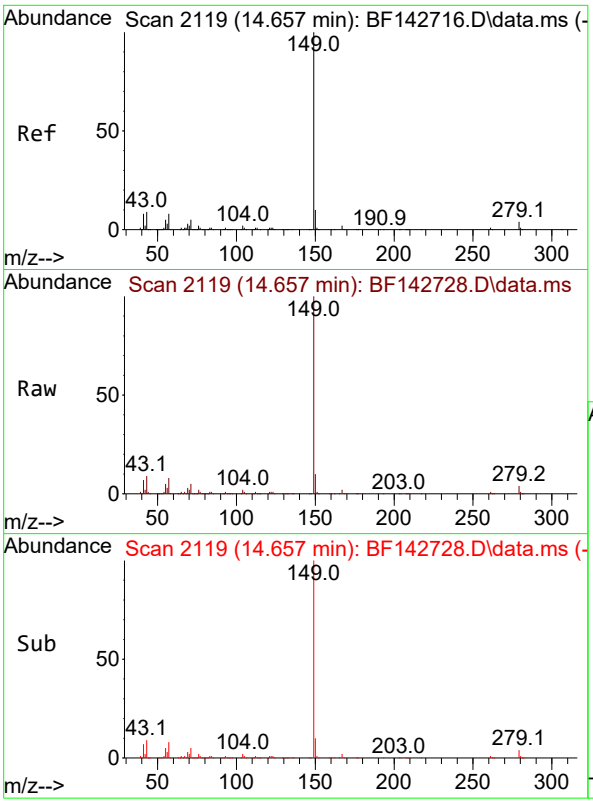


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.511 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 298050

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.2
279	4.4	3.0	4.4

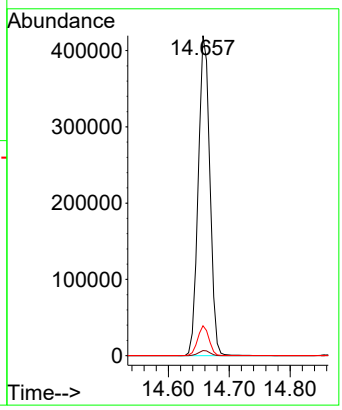




#85
Di-n-octyl phthalate
Concen: 47.148 ng
RT: 14.657 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 55575

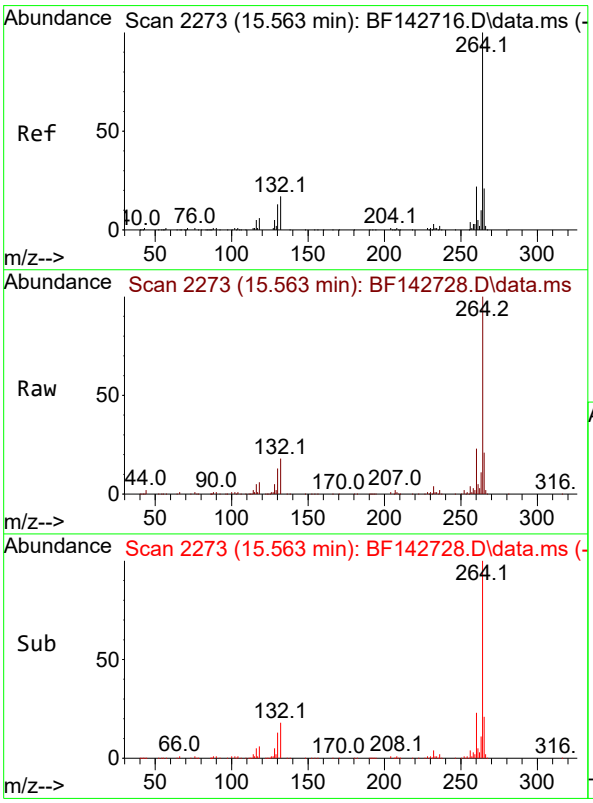
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.3	10.9



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations APPROVED

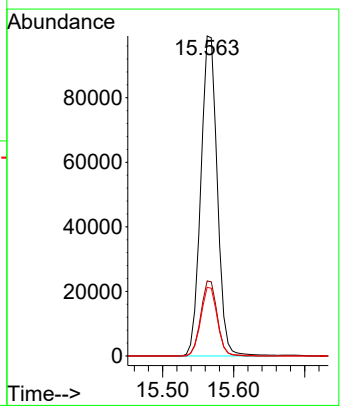
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

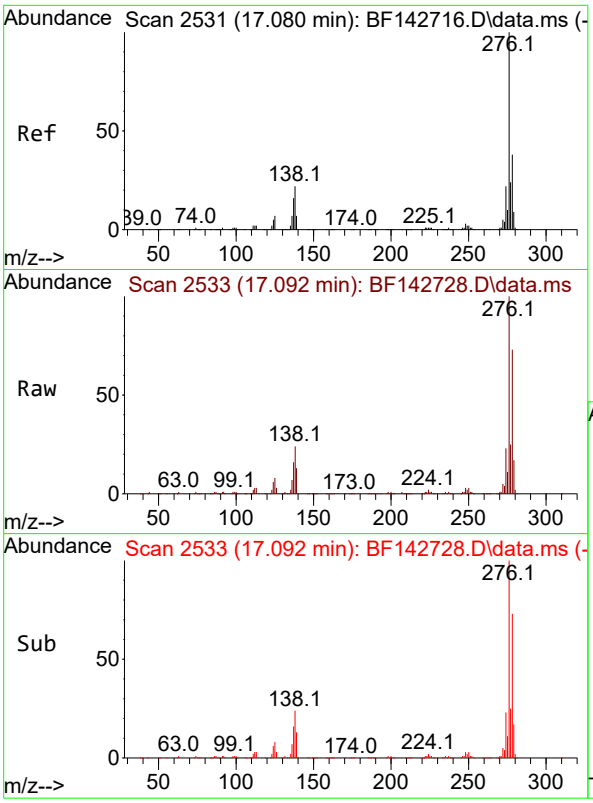


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:264 Resp: 159540

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	21.5	16.6	25.0

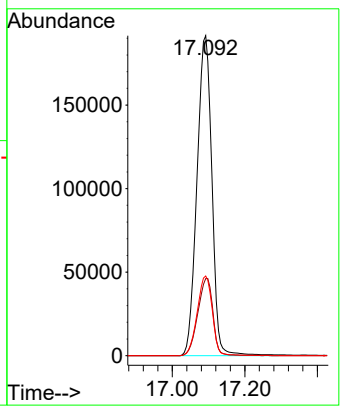




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.273 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:276 Resp: 54707

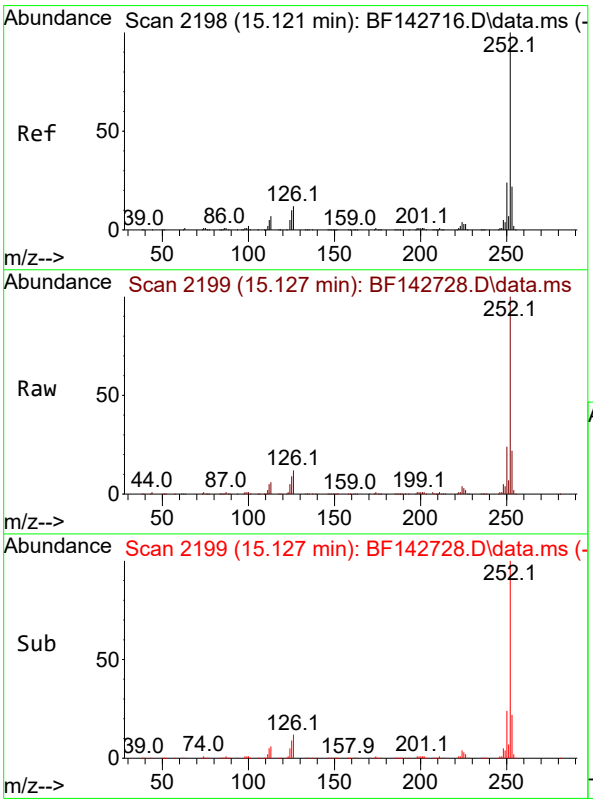
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.2	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

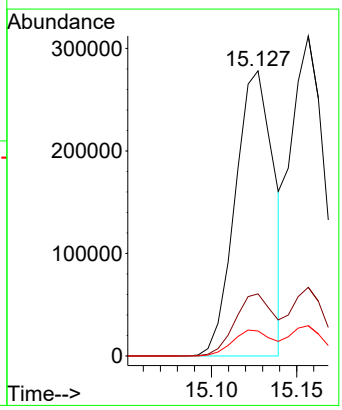
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

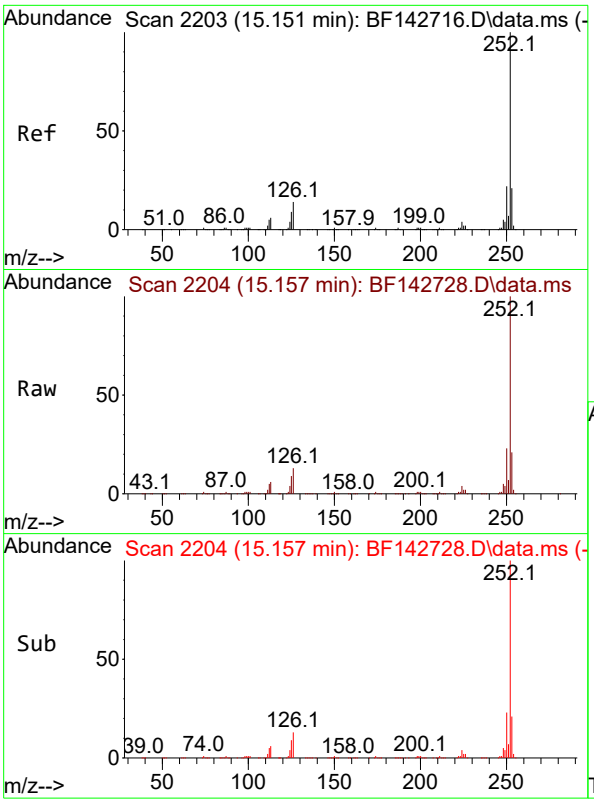


#88
Benzo(b)fluoranthene
Concen: 46.450 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:252 Resp: 436349

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.8	7.8	11.6

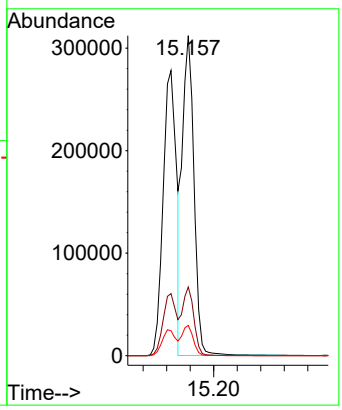




#89
Benzo(k)fluoranthene
Concen: 47.337 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:252 Resp: 43145

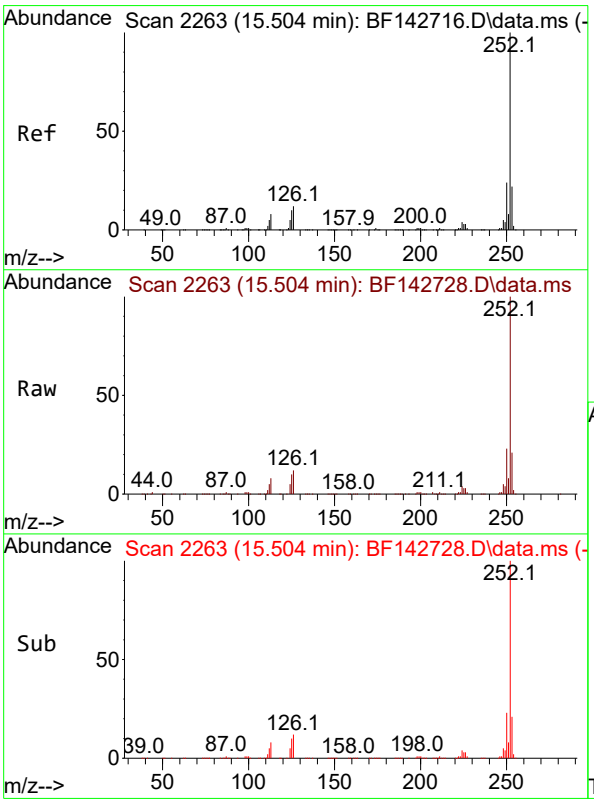
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	9.4	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

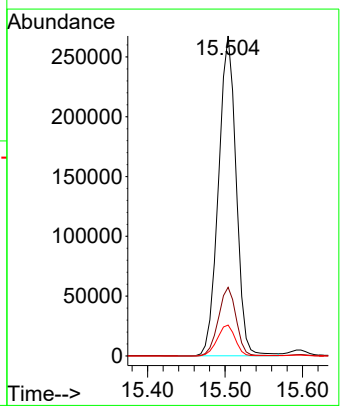
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

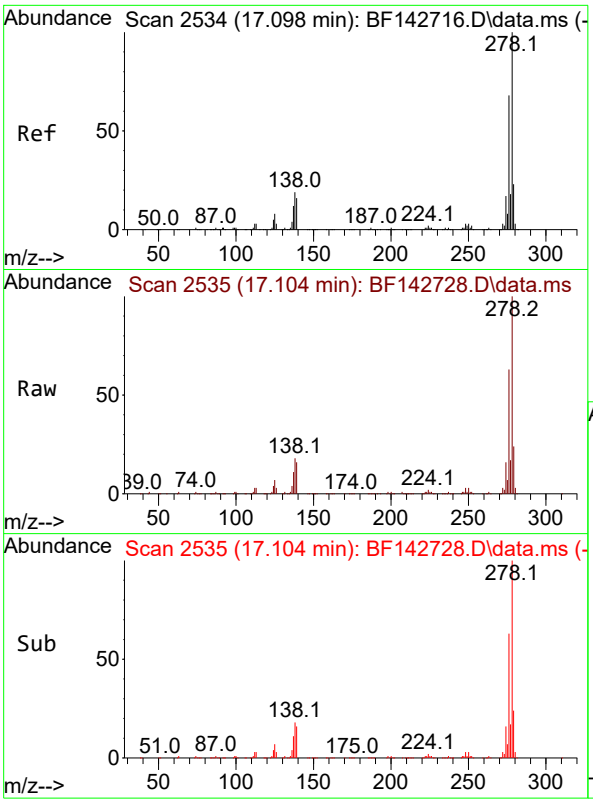


#90
Benzo(a)pyrene
Concen: 47.509 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:252 Resp: 424339

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	9.7	8.0	12.0

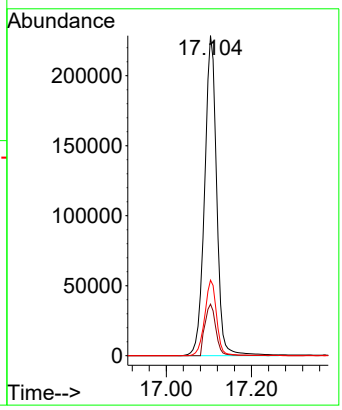




#91
Dibenzo(a,h)anthracene
Concen: 46.562 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:278 Resp: 44949

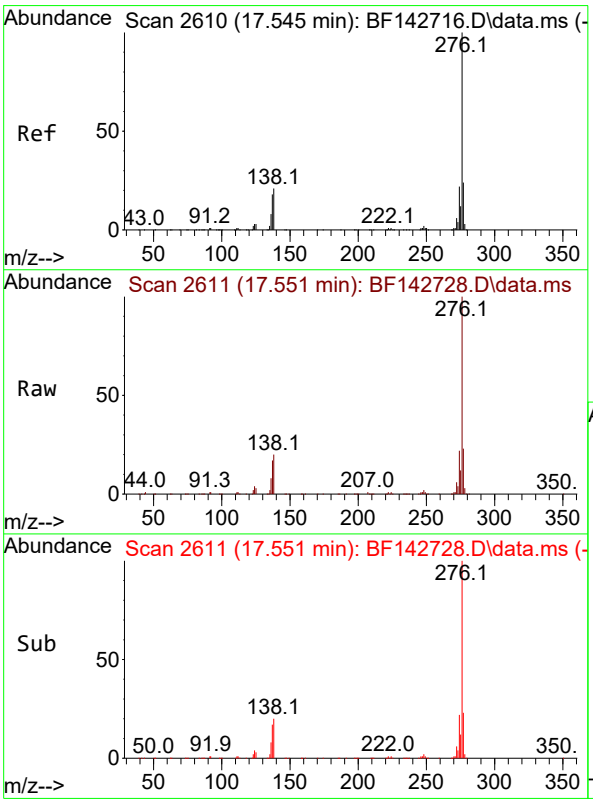
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.6	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
PB168285BSD

Manual Integrations
APPROVED

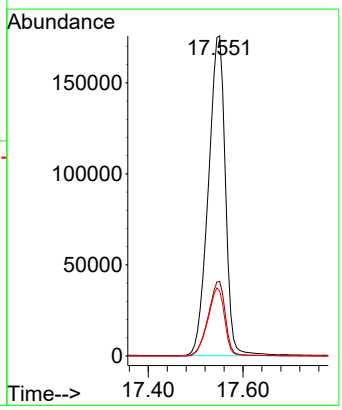
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#92
Benzo(g,h,i)perylene
Concen: 45.623 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:276 Resp: 437957

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.4	16.4	24.6



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Manual Integration Report

Sequence:	bf052025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142469.D	Benzoic acid	Rahul	5/21/2025 2:07:30 PM	Jagrut	5/21/2025 4:43:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf060525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BF061125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142714.D	2,3,4,6-Tetrachlorophenol	Rahul	6/11/2025 9:18:06 AM	Jagrut	6/11/2025 9:58:06 AM	Peak Integrated by Software
SSTDICC080	BF142719.D	Caprolactam	Rahul	6/11/2025 9:18:10 AM	Jagrut	6/11/2025 9:58:02 AM	Peak Integrated by Software
PB168285BS	BF142727.D	Caprolactam	anahy	6/12/2025 9:39:49 AM	Jagrut	6/12/2025 11:37:36 AM	Peak Integrated by Software
PB168285BSD	BF142728.D	Caprolactam	anahy	6/12/2025 9:45:24 AM	Jagrut	6/12/2025 11:37:38 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM				
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM				
SubDirectory	BF052025	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142465.D	20 May 2025 11:13	RC/JU	Ok
2	SSTDCCC040	BF142466.D	20 May 2025 11:41	RC/JU	Not Ok
3	SSTDICC2.5	BF142467.D	20 May 2025 12:10	RC/JU	Ok
4	SSTDICC005	BF142468.D	20 May 2025 12:38	RC/JU	Ok
5	SSTDICC010	BF142469.D	20 May 2025 13:07	RC/JU	Ok,M
6	SSTDICC020	BF142470.D	20 May 2025 13:36	RC/JU	Ok
7	SSTDICCC040	BF142471.D	20 May 2025 14:05	RC/JU	Ok
8	SSTDICC050	BF142472.D	20 May 2025 14:34	RC/JU	Ok
9	SSTDICC060	BF142473.D	20 May 2025 15:03	RC/JU	Ok
10	SSTDICC080	BF142474.D	20 May 2025 15:31	RC/JU	Ok
11	SSTDICV040	BF142475.D	20 May 2025 16:31	RC/JU	Ok
12	PB168067TB	BF142476.D	20 May 2025 17:29	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060525

Review By	Rahul	Review On	6/6/2025 12:18:39 PM				
Supervise By	Jagrut	Supervise On	6/6/2025 1:17:23 PM				
SubDirectory	BF060525	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142624.D	05 Jun 2025 09:07	RC/JU	Ok
2	SSTDCCC040	BF142625.D	05 Jun 2025 09:37	RC/JU	Ok
3	PB168285BL	BF142626.D	05 Jun 2025 11:04	RC/JU	Ok
4	Q2181-02	BF142627.D	05 Jun 2025 11:35	RC/JU	Ok
5	Q2194-03	BF142628.D	05 Jun 2025 12:08	RC/JU	Ok
6	Q2194-03MS	BF142629.D	05 Jun 2025 12:38	RC/JU	Ok,M
7	Q2194-03MSD	BF142630.D	05 Jun 2025 13:07	RC/JU	Ok,M
8	Q2185-05	BF142631.D	05 Jun 2025 13:37	RC/JU	Ok
9	Q2194-01	BF142632.D	05 Jun 2025 14:07	RC/JU	Ok
10	Q2199-01	BF142633.D	05 Jun 2025 14:37	RC/JU	Ok,M
11	Q2199-03	BF142634.D	05 Jun 2025 15:06	RC/JU	Ok,M
12	Q2199-05	BF142635.D	05 Jun 2025 15:36	RC/JU	Ok,M
13	Q2178-01DL	BF142636.D	05 Jun 2025 16:07	RC/JU	Dilution
14	Q2178-01DL2	BF142637.D	05 Jun 2025 16:38	RC/JU	Ok,M
15	SSTDCCC040	BF142638.D	05 Jun 2025 17:18	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM				
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM				
SubDirectory	BF061125	HP Acquire Method	BNA_F		HP Processing Method	BF061125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142710.D	10 Jun 2025 15:42	RC/JU	Ok
2	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	RC/JU	Not Ok
3	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54	RC/JU	Ok
4	SSTDICC005	BF142713.D	10 Jun 2025 17:24	RC/JU	Ok
5	SSTDICC010	BF142714.D	10 Jun 2025 17:53	RC/JU	Ok,M
6	SSTDICC020	BF142715.D	10 Jun 2025 18:22	RC/JU	Ok
7	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	RC/JU	Ok
8	SSTDICC050	BF142717.D	10 Jun 2025 19:21	RC/JU	Ok
9	SSTDICC060	BF142718.D	10 Jun 2025 19:50	RC/JU	Ok
10	SSTDICC080	BF142719.D	10 Jun 2025 20:19	RC/JU	Ok,M
11	SSTDICV040	BF142720.D	10 Jun 2025 20:49	RC/JU	Ok
12	PB168323BL	BF142721.D	10 Jun 2025 21:47	RC/JU	Ok
13	DFTPP	BF142722.D	11 Jun 2025 08:56	RC/JU	Ok
14	SSTDCCC040	BF142723.D	11 Jun 2025 09:24	RC/JU	Ok
15	PB168376BL	BF142724.D	11 Jun 2025 09:53	RC/JU	Ok
16	PB168376BS	BF142725.D	11 Jun 2025 10:22	RC/JU	Ok,M
17	PB168234BS	BF142726.D	11 Jun 2025 10:51	RC/JU	Ok,M
18	PB168285BS	BF142727.D	11 Jun 2025 11:21	RC/JU	Ok,M
19	PB168285BSD	BF142728.D	11 Jun 2025 11:50	RC/JU	Ok,M
20	PB168378BS	BF142729.D	11 Jun 2025 12:19	RC/JU	Ok,M
21	PB168378BSD	BF142730.D	11 Jun 2025 12:49	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168378BL	BF142731.D	11 Jun 2025 13:18	RC/JU	Ok
23	Q2264-04	BF142732.D	11 Jun 2025 13:52	RC/JU	Ok
24	Q2268-10	BF142733.D	11 Jun 2025 14:21	RC/JU	Ok
25	Q2268-03	BF142734.D	11 Jun 2025 14:50	RC/JU	Dilution
26	Q2268-04MS	BF142735.D	11 Jun 2025 15:20	RC/JU	Ok,M
27	Q2268-05MSD	BF142736.D	11 Jun 2025 15:50	RC/JU	Ok
28	Q2268-06	BF142737.D	11 Jun 2025 16:19	RC/JU	Dilution
29	Q2268-07	BF142738.D	11 Jun 2025 16:49	RC/JU	Dilution
30	Q2268-08	BF142739.D	11 Jun 2025 17:19	RC/JU	Dilution
31	Q2273-01	BF142740.D	11 Jun 2025 17:49	RC/JU	Ok
32	Q2273-05	BF142741.D	11 Jun 2025 18:18	RC/JU	Ok
33	Q2273-05MS	BF142742.D	11 Jun 2025 18:48	RC/JU	Ok
34	Q2273-05MSD	BF142743.D	11 Jun 2025 19:18	RC/JU	Ok
35	Q2268-03DL	BF142744.D	11 Jun 2025 19:48	RC/JU	Ok
36	Q2268-03	BF142745.D	11 Jun 2025 20:17	RC/JU	Not Ok
37	Q2280-01	BF142746.D	11 Jun 2025 20:47	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM		
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM		
SubDirectory	BF052025	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/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	BF142465.D	20 May 2025 11:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142466.D	20 May 2025 11:41	Fresh Calibration Required	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142467.D	20 May 2025 12:10		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142468.D	20 May 2025 12:38	Compound #32,54,85 removed from 5ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142469.D	20 May 2025 13:07		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142470.D	20 May 2025 13:36		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142471.D	20 May 2025 14:05	This calibration is good for both the methods, 8270E DOD and 625.1.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142472.D	20 May 2025 14:34		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142473.D	20 May 2025 15:03		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142474.D	20 May 2025 15:31		RC/JU	Ok
11	SSTDICV040	ICVBF052025	BF142475.D	20 May 2025 16:31		RC/JU	Ok
12	PB168067TB	PB168067TB	BF142476.D	20 May 2025 17:29		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060525

Review By	Rahul	Review On	6/6/2025 12:18:39 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:17:23 PM		
SubDirectory	BF060525	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/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	BF142624.D	05 Jun 2025 09:07		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142625.D	05 Jun 2025 09:37		RC/JU	Ok
3	PB168285BL	PB168285BL	BF142626.D	05 Jun 2025 11:04		RC/JU	Ok
4	Q2181-02	38073-032124	BF142627.D	05 Jun 2025 11:35	PT Sample	RC/JU	Ok
5	Q2194-03	COMP-13	BF142628.D	05 Jun 2025 12:08		RC/JU	Ok
6	Q2194-03MS	COMP-13MS	BF142629.D	05 Jun 2025 12:38		RC/JU	Ok,M
7	Q2194-03MSD	COMP-13MSD	BF142630.D	05 Jun 2025 13:07		RC/JU	Ok,M
8	Q2185-05	TP01-MHA-WC	BF142631.D	05 Jun 2025 13:37		RC/JU	Ok
9	Q2194-01	COMP-12	BF142632.D	05 Jun 2025 14:07		RC/JU	Ok
10	Q2199-01	ETGI-343	BF142633.D	05 Jun 2025 14:37		RC/JU	Ok,M
11	Q2199-03	VNJ-231	BF142634.D	05 Jun 2025 15:06		RC/JU	Ok,M
12	Q2199-05	72-11978	BF142635.D	05 Jun 2025 15:36		RC/JU	Ok,M
13	Q2178-01DL	RT2929DL	BF142636.D	05 Jun 2025 16:07	Internal Standard Fail, Need furthed 2X dilution	RC/JU	Dilution
14	Q2178-01DL2	RT2929DL2	BF142637.D	05 Jun 2025 16:38	Internal Standard Fail	RC/JU	Ok,M
15	SSTDCCC040	SSTDCCC040EC	BF142638.D	05 Jun 2025 17:18		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/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	BF142710.D	10 Jun 2025 15:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142713.D	10 Jun 2025 17:24		RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142714.D	10 Jun 2025 17:53		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142715.D	10 Jun 2025 18:22		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142717.D	10 Jun 2025 19:21		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142718.D	10 Jun 2025 19:50		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142719.D	10 Jun 2025 20:19	Compound #09 removed from 80 PPM.	RC/JU	Ok,M
11	SSTDICV040	ICVBF061125	BF142720.D	10 Jun 2025 20:49		RC/JU	Ok
12	PB168323BL	PB168323BL	BF142721.D	10 Jun 2025 21:47		RC/JU	Ok
13	DFTPP	DFTPP	BF142722.D	11 Jun 2025 08:56		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF142723.D	11 Jun 2025 09:24		RC/JU	Ok
15	PB168376BL	PB168376BL	BF142724.D	11 Jun 2025 09:53		RC/JU	Ok
16	PB168376BS	PB168376BS	BF142725.D	11 Jun 2025 10:22		RC/JU	Ok,M
17	PB168234BS	PB168234BS	BF142726.D	11 Jun 2025 10:51		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB168285BS	PB168285BS	BF142727.D	11 Jun 2025 11:21		RC/JU	Ok,M
19	PB168285BSD	PB168285BSD	BF142728.D	11 Jun 2025 11:50		RC/JU	Ok,M
20	PB168378BS	PB168378BS	BF142729.D	11 Jun 2025 12:19		RC/JU	Ok,M
21	PB168378BSD	PB168378BSD	BF142730.D	11 Jun 2025 12:49		RC/JU	Ok,M
22	PB168378BL	PB168378BL	BF142731.D	11 Jun 2025 13:18		RC/JU	Ok
23	Q2264-04	EF-WW	BF142732.D	11 Jun 2025 13:52	Surrogate and Internal Standard Failed	RC/JU	Ok
24	Q2268-10	FB-20250605	BF142733.D	11 Jun 2025 14:21		RC/JU	Ok
25	Q2268-03	MW-2-20250605	BF142734.D	11 Jun 2025 14:50	Need 2X Dilution	RC/JU	Dilution
26	Q2268-04MS	MW-2-20250605MS	BF142735.D	11 Jun 2025 15:20		RC/JU	Ok,M
27	Q2268-05MSD	MW-2-20250605MSD	BF142736.D	11 Jun 2025 15:50		RC/JU	Ok
28	Q2268-06	MW-2-20250605-A	BF142737.D	11 Jun 2025 16:19	Need 2X Dilution	RC/JU	Dilution
29	Q2268-07	MW-6-20250605	BF142738.D	11 Jun 2025 16:49	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
30	Q2268-08	MW-3-20250605	BF142739.D	11 Jun 2025 17:19	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
31	Q2273-01	WC-4	BF142740.D	11 Jun 2025 17:49		RC/JU	Ok
32	Q2273-05	WC-6	BF142741.D	11 Jun 2025 18:18		RC/JU	Ok
33	Q2273-05MS	WC-6MS	BF142742.D	11 Jun 2025 18:48		RC/JU	Ok
34	Q2273-05MSD	WC-6MSD	BF142743.D	11 Jun 2025 19:18		RC/JU	Ok
35	Q2268-03DL	MW-2-20250605DL	BF142744.D	11 Jun 2025 19:48		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	Q2268-03	MW-2-20250605	BF142745.D	11 Jun 2025 20:17	Already analyzed with OK status	RC/JU	Not Ok
37	Q2280-01	VNJ-210	BF142746.D	11 Jun 2025 20:47	Internal standard fail	RC/JU	ReRun

M : Manual Integration

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EXTRACTION LOGPAGE

PB168285

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/04/2025
Matrix :	Water			**Extraction Start Time :**	11:45
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/04/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**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	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH, Q2177-08 Split volume.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/4/25	RS (Ext lab)	Rc/SVOC
16:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168285

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/04/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168285BL	SBLK285	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168285BS	SLCS285	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168285BSD	SLCSD285	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2177-08	EB05312025	SVOC-TCL BNA -20	490	6	RUPESH	ritesh	0.5	F		4
Q2181-02	38073-032124	SVOCMS Group2	1000	6	RUPESH	ritesh	1			5
Q2198-05	B-202-GW01	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	F		6

RS
6/4

* **Extracts relinquished on the same date as received.**

1682285
11:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2177 **WorkList ID :** 189930 **Department :** Extraction **Date :** 06-04-2025 11:38:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2177-08	EB05312025	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L41	05/31/2025	8270E
Q2181-02	38073-032124	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	05/30/2025	8270E
Q2198-05	B-202-GW01	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	N22	05/31/2025	8270E

Date/Time 6/4/25 11:40
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: RM SM

Date/Time 6/4/25 12:15
Raw Sample Received by: RM SM
Raw Sample Relinquished by: RS (Ext-Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q2181

Test : SVOCMS Group2

Prepbatch ID : PB168285,

Sequence ID/Qc Batch ID: BF060525,BF061125,

Standard ID :
EP2609,EP2610,EP2620,SP6754,SP6757,SP6769,SP6770,SP6783,SP6784,SP6785,SP6786,SP6787,SP6788,SP6789,SP6790,SP6791,SP6794,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3902,E3904,E3926,E3930,E3937,E3939,M6157,S10104,S10584,S11162,S11487,S11496,S11650,S11788,S11800,S11806,S12115,S12190,S12191,S12192,S12193,S12194,S12195,S12209,S12210,S12211,S12212,S12213,S12214,S12215,S12216,S12271,S12277,S12486,S12487,S12497,S12534,S12543,S12544,S12577,S12658,S12662,S12667,S12668,S12793,S12974,S12984,S12985,S13078,S13148,S13158,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	EP2620	05/30/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/30/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6754	03/18/2025	09/18/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 1930.00000ml of E3902 + 2.60000ml of S12216 + 2.70000ml of S12195 + 5.20000ml of S12210 + 5.30000ml of S12192 + 5.30000ml of S12194 + 5.30000ml of S12209 + 5.30000ml of S12211 + 5.30000ml of S12212 + 5.30000ml of S12213 + 5.40000ml of S12190 + 5.40000ml of S12214 + 5.60000ml of S12191 + 5.60000ml of S12215 + 5.70000ml of S12193 = Final Quantity: 2000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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SVOC STANDARD PREPARATION LOG

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6783	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.26700ml of S10104 + 0.40000ml of S11496 + 0.50000ml of S12115 + 1.00000ml of S11162 + 1.00000ml of S12271 + 1.00000ml of S12277 + 1.00000ml of S12793 + 1.00000ml of S13078 + 3.83300ml of E3930 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6784	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.20000ml of E3930 + 0.80000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6785	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.40000ml of E3930 + 0.60000ml of SP6783 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6786	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6787	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.60000ml of E3930 + 0.40000ml of SP6783 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6788	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.80000ml of E3930 + 0.20000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6789	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.95000ml of E3930 + 0.05000ml of SP6783 = 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
408	10 ng BNA ICC, 10 PPM	SP6790	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.90000ml of E3930 + 0.10000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6791	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6789 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6794	06/04/2025	06/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 06/05/2025

FROM 0.10000ml of S10584 + 0.10000ml of S11487 + 0.10000ml of S11650 + 0.10000ml of S13148 + 0.10000ml of S13158 + 0.45000ml of S11806 + 0.80000ml of S11800 + 1.20000ml of S12487 + 1.20000ml of S12544 + 1.20000ml of S12985 + 1.30000ml of S12497 + 1.30000ml of S12543 + 1.30000ml of S12984 + 40.75000ml of E3937 = Final Quantity: 50.000 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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

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 /	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-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	02/20/2026	05/02/2025 / RUPESH	03/09/2025 / RUPESH	E3930

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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	11/22/2025	05/22/2025 / RUPESH	05/14/2025 / RUPESH	E3937

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	11/22/2025	05/22/2025 / RUPESH	02/28/2025 / RUPESH	E3939

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	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	05/05/2025 / Jagrut	03/06/2023 / Christian	S11162

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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	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

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

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	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

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	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11800

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 #
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	S12190

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	S12191

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	S12192

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	S12193

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	S12194

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	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	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

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	S12210

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	S12211

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	S12212

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	S12213

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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	S12214

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	S12215

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 #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	10/28/2025	04/28/2025 / Jagrut	05/24/2024 / Rahul	S12271

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 #
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

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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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12487

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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12497

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	S12543

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	S12544

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

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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	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	11/01/2025	05/01/2025 / Rahul	09/20/2024 / anahy	S12662

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	11/28/2025	05/28/2025 / Rahul	09/20/2024 / anahy	S12667

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	12/06/2025	06/06/2025 / Rahul	09/20/2024 / anahy	S12668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12793

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

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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	09/30/2025	06/04/2025 / Jagrut	12/11/2024 / anahy	S12984

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	06/04/2025 / Jagrut	12/11/2024 / anahy	S12985

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	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

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 #
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 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 07/05/22 S 10583 to S 10592

Catalog No. : 555868 **Lot No.:** A0186373

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL	Unstressed
	Purity 99%		+/- 512.6054 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 16-Jun-2022 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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 RI 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: PO2-798 PRODUCT CODE: SHIP DATE: 12/9/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 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 %	<0.1 %
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

E 3902

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

PO: PO2-1178.2 PRODUCT CODE: SHIP DATE: 1/20/2025

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

E3930

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 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

E3937

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.: 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

E3939

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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. : 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

S11498 ↓ 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.

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-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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. : 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.

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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

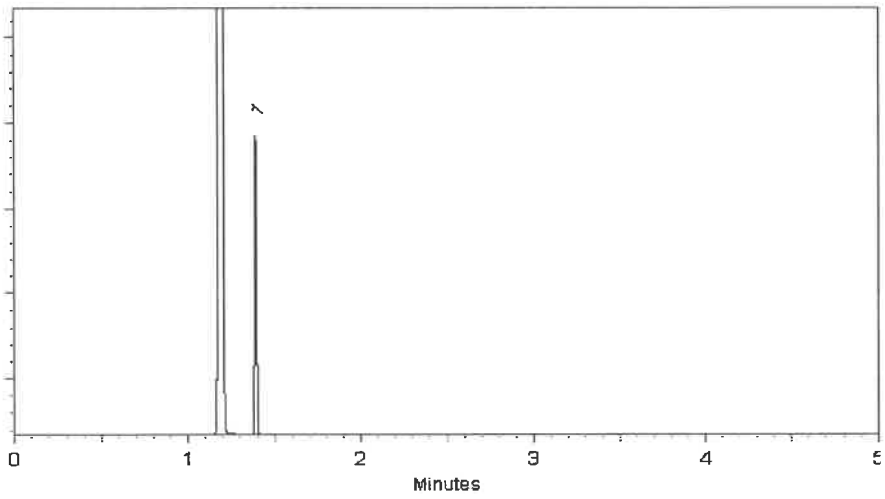
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- 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

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.)

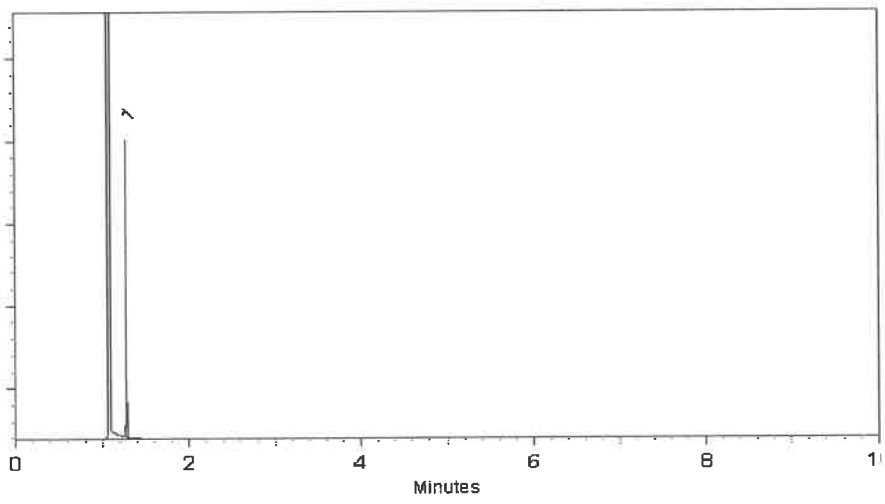
Inj. Temp:
250°C

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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.)

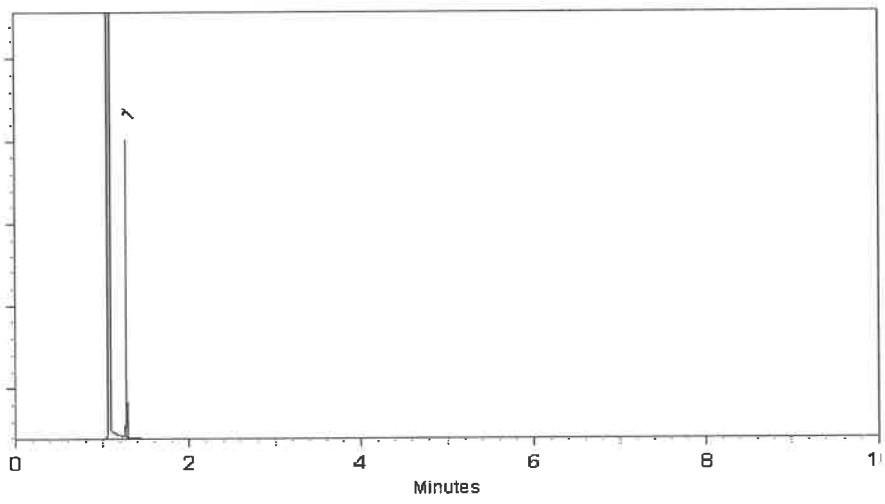
Inj. Temp:
250°C

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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

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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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. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

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

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.)

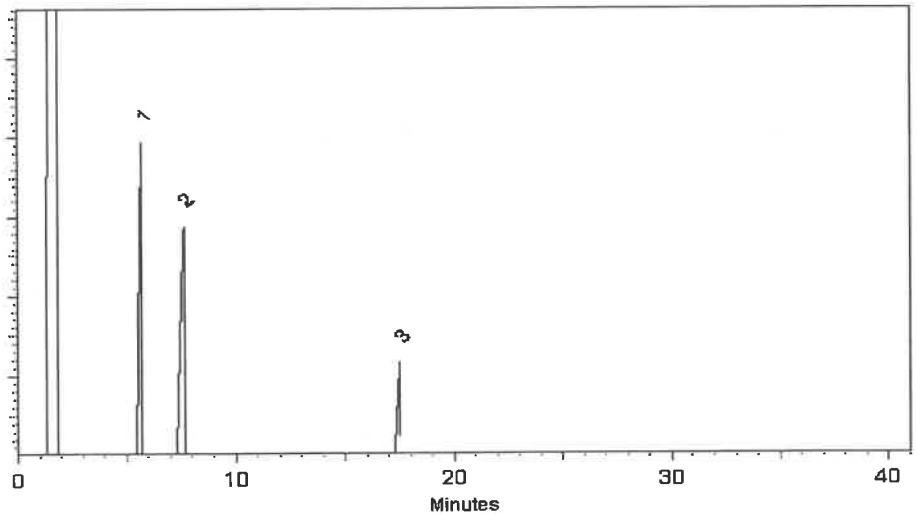
Inj. Temp:
250°C

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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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. : 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.)

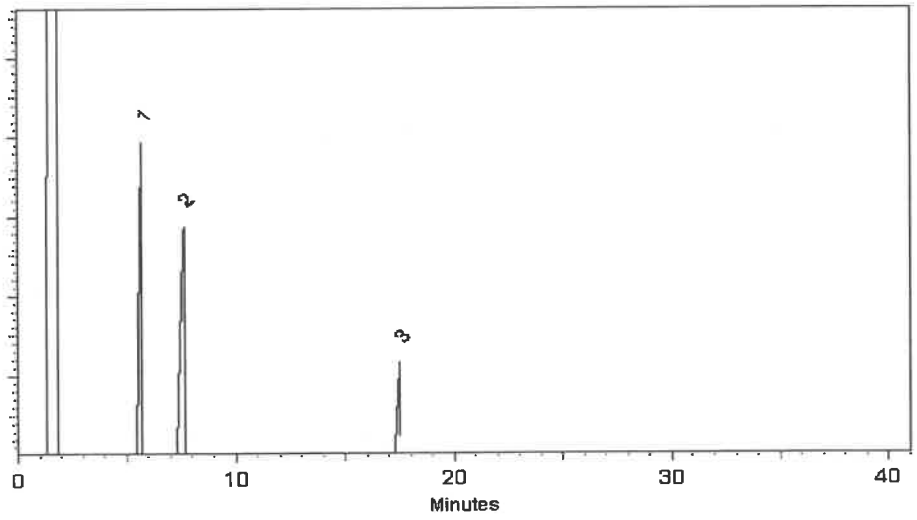
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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. : 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.)

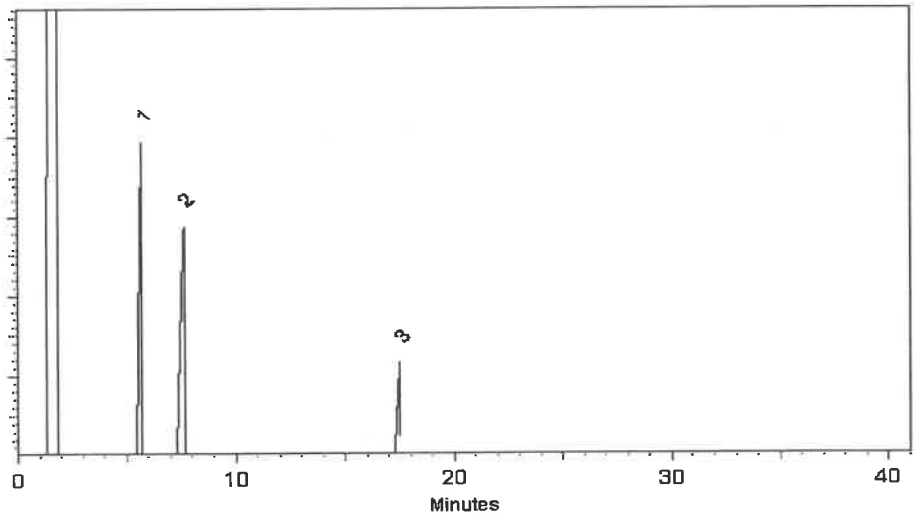
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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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Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

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

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.)

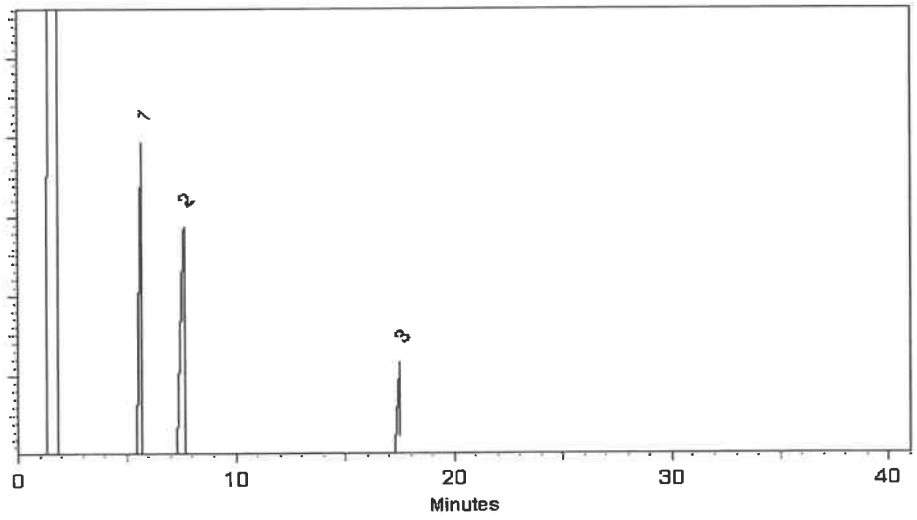
Inj. Temp:
250°C

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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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.)

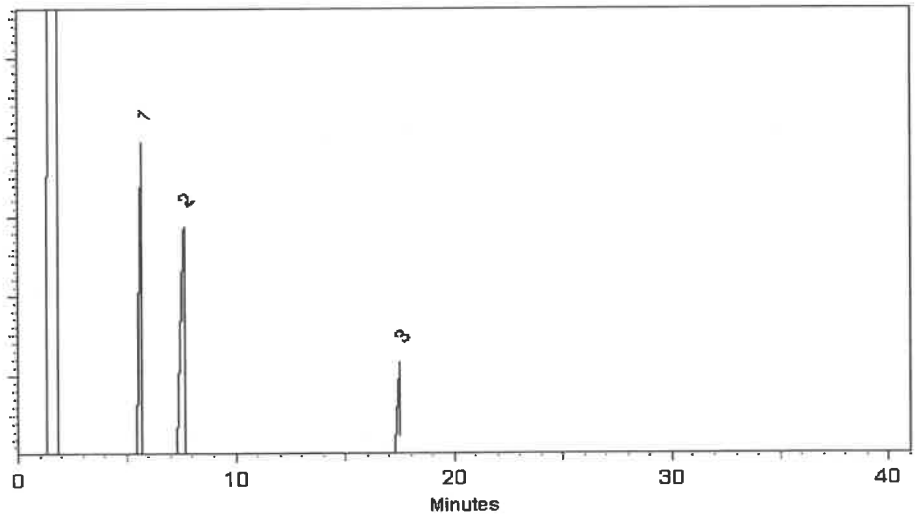
Inj. Temp:
250°C

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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Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

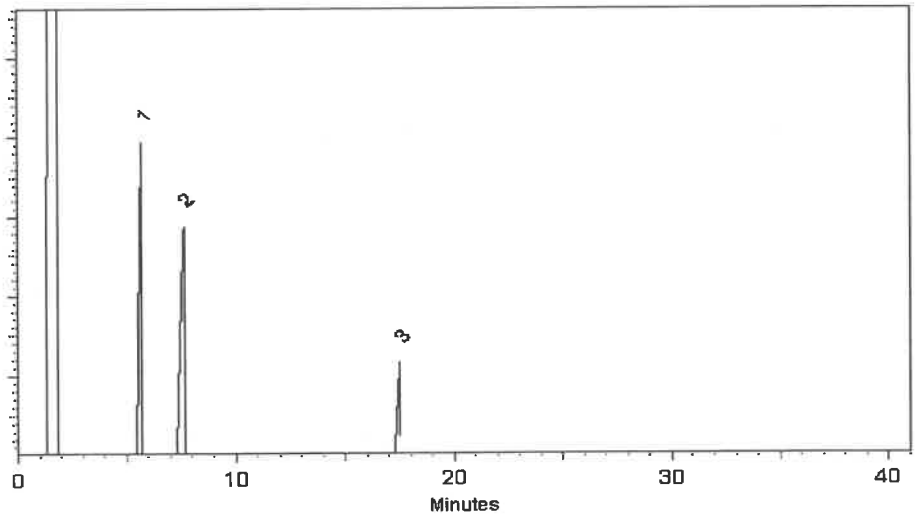
Inj. Temp:
250°C

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

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Certificate of Analysis

chromatographic plus

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

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

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.)

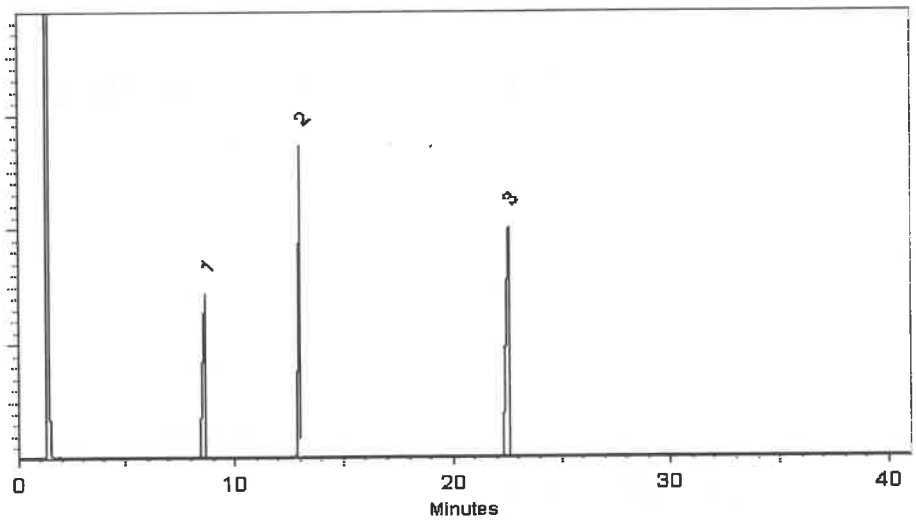
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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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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.)

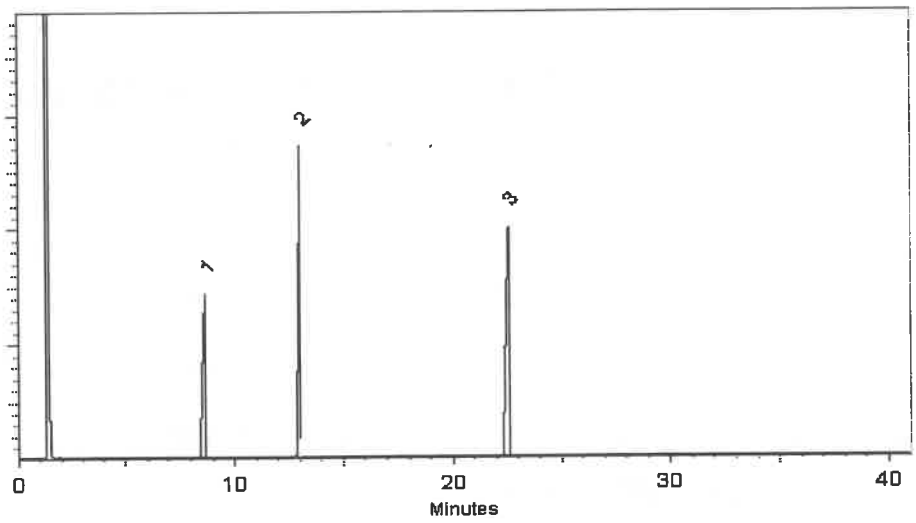
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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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Certificate of Analysis

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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.)

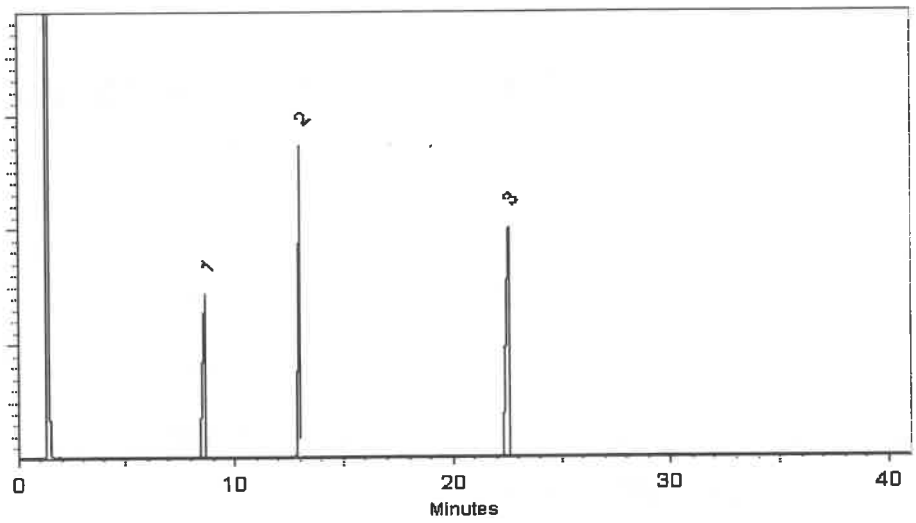
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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

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Certificate of Analysis

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

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

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.)

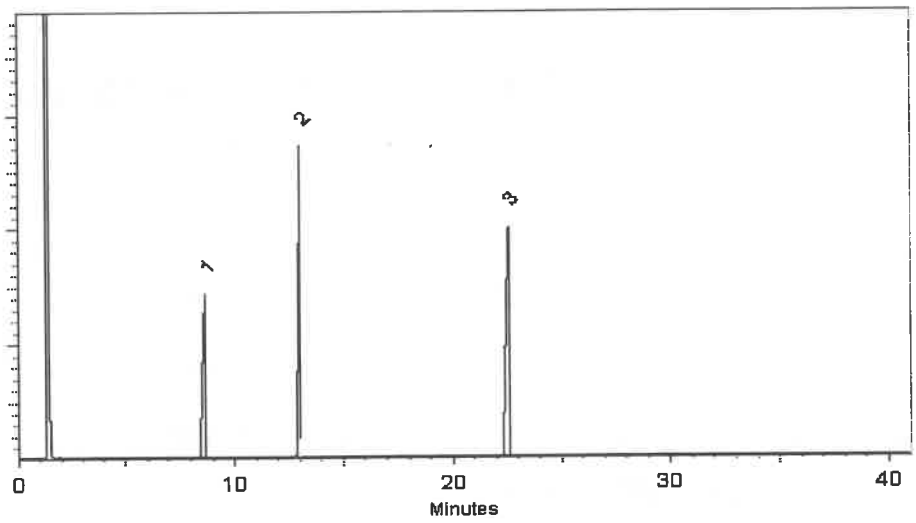
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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

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Certificate of Analysis

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

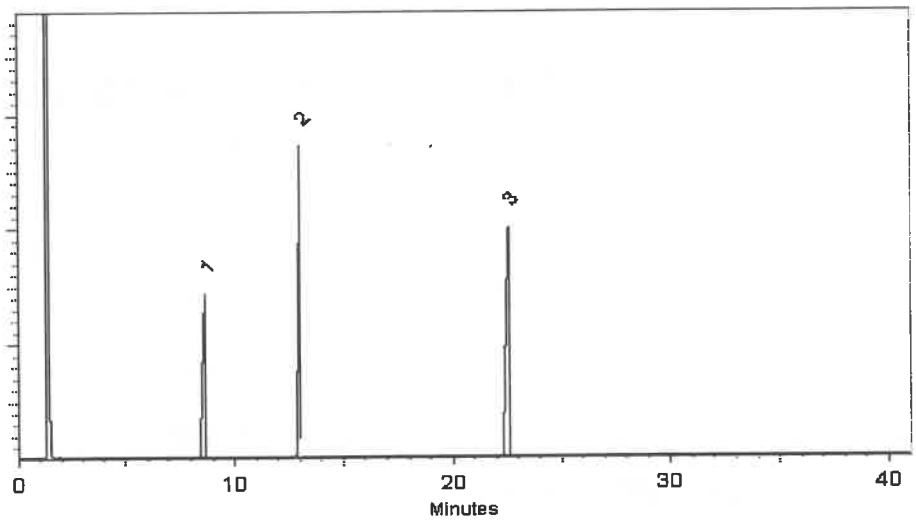
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

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

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.)

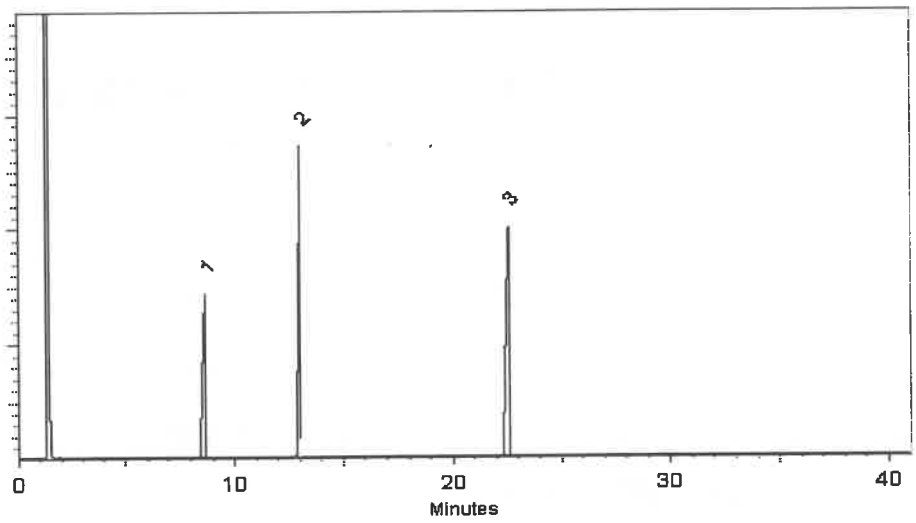
Inj. Temp:
250°C

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

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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.)

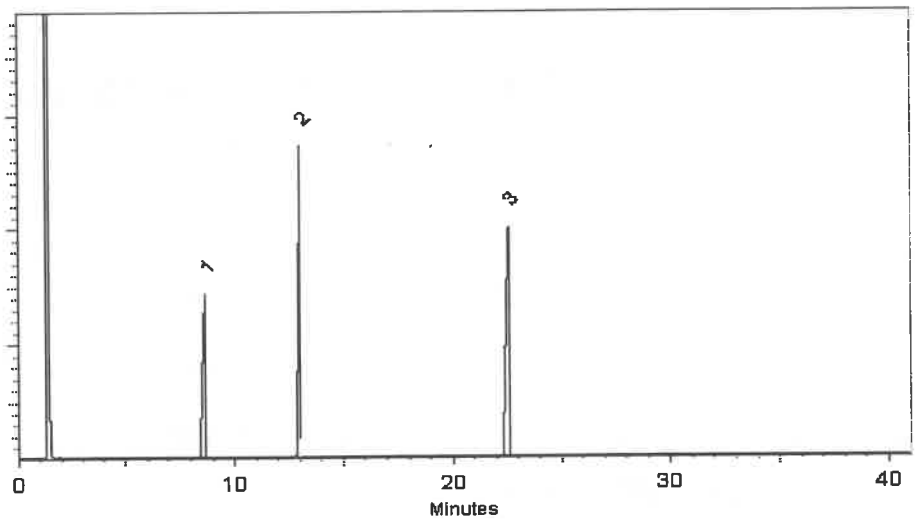
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

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. : 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.)

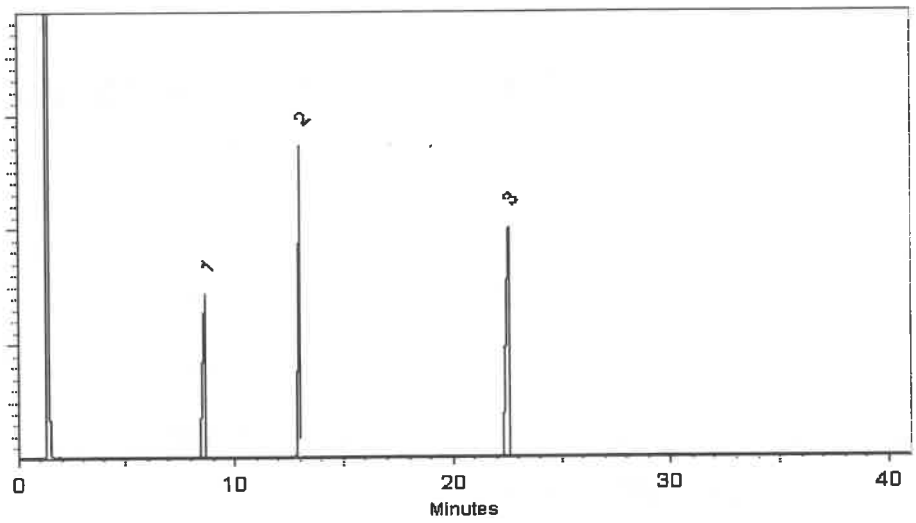
Inj. Temp:
250°C

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

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CPI INTERNATIONAL

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Manufacturer's Quality System
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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

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

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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
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

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
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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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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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:

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- Purity values are rounded to the nearest whole number.

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Manufacturing Notes:

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Handling Notes:

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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:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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Certificate #3222.01

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. : 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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CERTIFIED REFERENCE MATERIAL

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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:

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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- 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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** 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.
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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. : 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.)

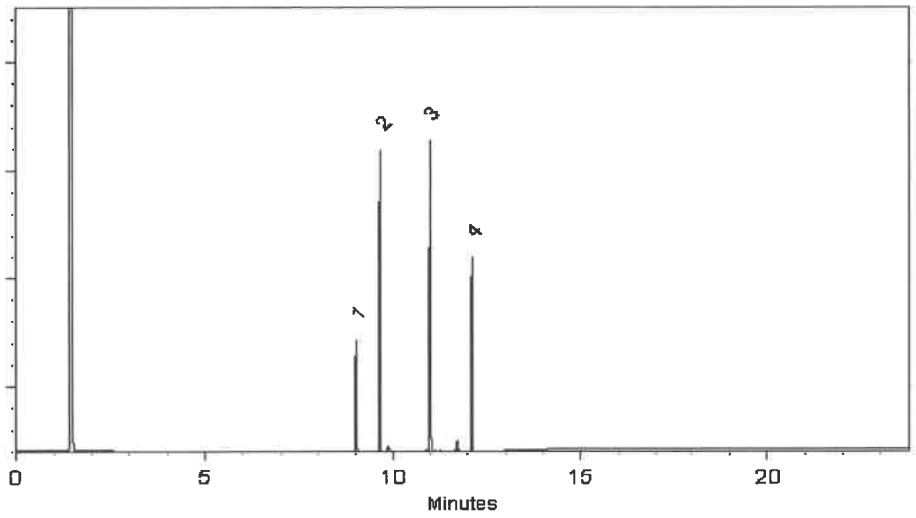
Inj. Temp:
250°C

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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CERTIFIED REFERENCE MATERIAL

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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 of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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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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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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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

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-110816-01	414127	≤-10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12280 → S12284 RCI 05/24/24

New numbers Generated.

S12790 → S12794 RCI 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** 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.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** 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.

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-010074-07	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

S13078 ↓ S13087 } AC 3/10/25

Manufactured by

Raevyn Steele
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.

*Not a certified valu

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

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

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

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

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

Packing Slip

SHIP TO:
Attn: **Sohil Jodhani**
Alliance Technical Group, LLC - Newark
284 Sheffield St.

Mountainside, NJ 07092 -

Purchase Order # .
Packing Order #: 247813

Order #: **247813**
Order Date: 5/30/2025
Order Time: 4:23:05 PM
Your Account #: **3552**
Sales Person: **Chris Dippold**
Inspected By: **Chris Dippold**

Received on : 6/2/2025.
14:05

PART #	LOT #	DESCRIPTION	Unit Size	QTY
		Quick Turn Around		
38072	062624	PT Semi-Volatiles in Non-Potable Water - CLP	2 mL	1
38073	032124	PT Semi-Volatiles in Non-Potable Water - CLP	2 mL	1
		.		
		FedEX# 2356-974244		

Ship Via: Ground Collect

THIS IS NOT AN INVOICE, TERMS: NET 30 DAYS, FOB HAMDEN, CT

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