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

Cover Page

Order ID : Q2125

Project ID : Seely

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2125-01	GSB1
Q2125-02	GSB2
Q2125-03	GSB3
Q2125-04	GSB4
Q2125-05	GSB5
Q2125-07	GSB3
Q2125-08	GSB3

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: 6/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2125**

	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:** **06/11/2025**

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

LAB CHRONICLE

OrderID:	Q2125	**OrderDate:**	5/23/2025 11:50:35 AM
Client:	G Environmental	**Project:**	Seely
Contact:	Gary Landis	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-07	**GSB3**	**SOIL**			**05/23/25**			**05/23/25**
			SVOCMS Group1	8270E		06/04/25	06/07/25	
			SVOCMS Group1	8270E		06/04/25	06/11/25	
Q2125-08	**GSB3**	**Water**			**05/23/25**			**05/23/25**
			SPLP BNA Group1	8270E		06/06/25	06/09/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2125

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GSB3								
Q2125-07	GSB3	SOIL	2-Methylnaphthalene	860.000		28.9	190	ug/Kg
			Total Svoc :	**860.00**				
			Total Concentration:	**860.00**				



QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168234BL	PB168234BL	Nitrobenzene-d5	100	75.3	75		30 (18)	130 (107)
		2-Fluorobiphenyl	100	71.9	72		30 (20)	130 (109)
		Terphenyl-d14	100	72.1	72		30 (10)	130 (105)
PB168234BS	PB168234BS	Nitrobenzene-d5	100	76.0	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	74.1	74		30 (20)	130 (109)
		Terphenyl-d14	100	80.6	81		30 (10)	130 (105)
Q2125-07	GSB3	Nitrobenzene-d5	100	46.1	46		30 (18)	130 (107)
		2-Fluorobiphenyl	100	47.1	47		30 (20)	130 (109)
		Terphenyl-d14	100	48.5	49		30 (10)	130 (105)
Q2159-01MS	TP05-MHO-WCMS	Nitrobenzene-d5	100	47.4	47		30 (18)	130 (107)
		2-Fluorobiphenyl	100	45.5	46		30 (20)	130 (109)
		Terphenyl-d14	100	35.2	35		30 (10)	130 (105)
Q2159-01MSD	TP05-MHO-WCMSD	Nitrobenzene-d5	100	45.8	46		30 (18)	130 (107)
		2-Fluorobiphenyl	100	45.1	45		30 (20)	130 (109)
		Terphenyl-d14	100	32.4	32		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2159-01MS		**Client Sample ID: TP05-MHO-WCMS**						**DataFile: BF142605.D**			
Naphthalene	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
2-Methylnaphthalene	1200	0	1100	ug/Kg	92				70 (59)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2159-01MSD		**Client Sample ID:** TP05-MHO-WCMSD						**DataFile:** BF142606.D			
Naphthalene	1200	0	1000	ug/Kg	83		10		70 (51)	130 (121)	30 (20)
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		10		70 (59)	130 (123)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142726.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168234BS	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168234BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142603.D Lab Sample ID: PB168234BL

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

Matrix: (soil/water) SOIL Date Analyzed: 06/04/2025

Level: (low/med) LOW Time Analyzed: 13:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025
PB168234BS	PB168234BS	BF142726.D	06/11/2025
GSB3	Q2125-07	BP024920.D	06/11/2025

COMMENTS:

Raw Data: **BF142465.D**

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

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	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
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

Raw Data: **BF142601.D**

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142601.D DFTPP Injection Date: 06/04/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	25.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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	BF142602.D	06/04/2025	12:27
PB168234BL	PB168234BL	BF142603.D	06/04/2025	13:05
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025	14:08
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025	14:38

Raw Data: **BF142710.D**

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

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	31.1
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.6
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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

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	32.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
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
PB168234BS	PB168234BS	BF142726.D	06/11/2025	10:51

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 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	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BP024904.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.8
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024905.D	06/11/2025	10:09
GSB3	Q2125-07	BP024920.D	06/11/2025	20:30

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

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	118699	6.898	454762	8.18	238732	9.94
	UPPER LIMIT	237398	7.398	909524	8.68	477464	10.439
	LOWER LIMIT	59349.5	6.398	227381	7.68	119366	9.439
	EPA SAMPLE NO.						
01	PB168234BL	131273	6.89	500088	8.18	273312	9.93
02	TP05-MHO-WCMS	119687	6.90	441391	8.18	218918	9.94
03	TP05-MHO-WCMSD	117119	6.90	429653	8.18	207287	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.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

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	393948	11.427	204352	14.068	242845	15.562
	UPPER LIMIT	787896	11.927	408704	14.568	485690	16.062
	LOWER LIMIT	196974	10.927	102176	13.568	121423	15.062
	EPA SAMPLE NO.						
01	PB168234BL	477318	11.42	281764	14.06	248996	15.56
02	TP05-MHO-WCMS	322457	11.43	216030	14.07	272895	15.56
03	TP05-MHO-WCMSD	289513	11.42	207868	14.07	274922	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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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	PB168234BS	83192	6.89	318279	8.18	176454	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.

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.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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	PB168234BS	298489	11.43	155305	14.07	159844	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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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

Lab File ID: BP024905.D Time Analyzed: 10:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	246136	7.607	989564	10.38	627529	14.25
	UPPER LIMIT	492272	8.107	1979130	10.878	1255060	14.754
	LOWER LIMIT	123068	7.107	494782	9.878	313765	13.754
	EPA SAMPLE NO.						
01	GSB3	364655	7.61	1419200	10.38	870320	14.26

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.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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

Lab File ID: BP024905.D Time Analyzed: 10:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1260450	17.06	1315010	21.501	1616000	24.765
	UPPER LIMIT	2520900	17.56	2630020	22.001	3232000	25.265
	LOWER LIMIT	630225	16.56	657505	21.001	808000	24.265
	EPA SAMPLE NO.						
01	GSB3	1663800	17.07	1827900	21.48	2099390	24.75

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

Raw Data: **BP024920.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	05/23/25
Project:	Seely			Date Received:	05/23/25
Client Sample ID:	GSB3			SDG No.:	Q2125
Lab Sample ID:	Q2125-07			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.3
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024920.D	1	06/04/25 09:10	06/11/25 20:30	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.6	U	25.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	860		28.9	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.1		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.1		30 (20) - 130 (109)	47%	SPK: 100
1718-51-0	Terphenyl-d14	48.5		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	365000	7.608			
1146-65-2	Naphthalene-d8	1420000	10.384			
15067-26-2	Acenaphthene-d10	870000	14.26			
1517-22-2	Phenanthrene-d10	1660000	17.072			
1719-03-5	Chrysene-d12	1830000	21.483			
1520-96-3	Perylene-d12	2100000	24.748			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

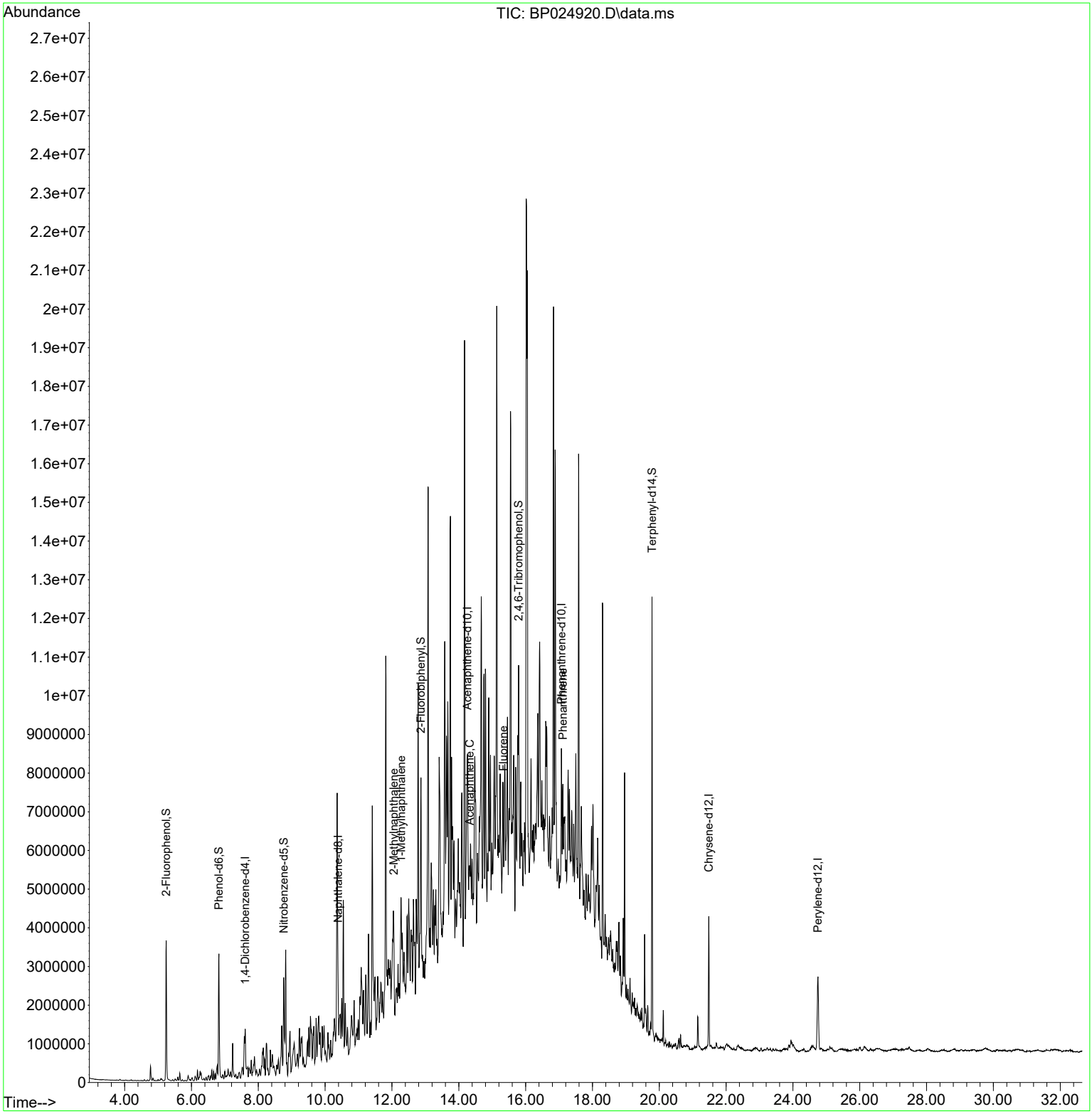
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	364655	20.000	ng		0.00
21) Naphthalene-d8	10.384	136	1419199	20.000	ng	#	0.00
39) Acenaphthene-d10	14.260	164	870320	20.000	ng		0.01
64) Phenanthrene-d10	17.072	188	1663800	20.000	ng		0.01
76) Chrysene-d12	21.483	240	1827902	20.000	ng		0.00
86) Perylene-d12	24.748	264	2099388	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	1639212	75.035	ng		0.00
7) Phenol-d6	6.819	99	2103172	72.763	ng		0.00
23) Nitrobenzene-d5	8.760	82	1347731	46.146	ng		0.00
42) 2,4,6-Tribromophenol	15.790	330	1034898	86.008	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	3043416	47.107	ng		0.00
79) Terphenyl-d14	19.783	244	4948879	48.523	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.054	142	1047674	22.710	ng		98
38) 1-Methylnaphthalene	12.278	142	1126527	22.840	ng		100
52) Acenaphthene	14.325	154	166671	3.589	ng	#	85
58) Fluorene	15.331	166	369339	6.132	ng	#	85
71) Phenanthrene	17.113	178	1265783	13.767	ng	#	95

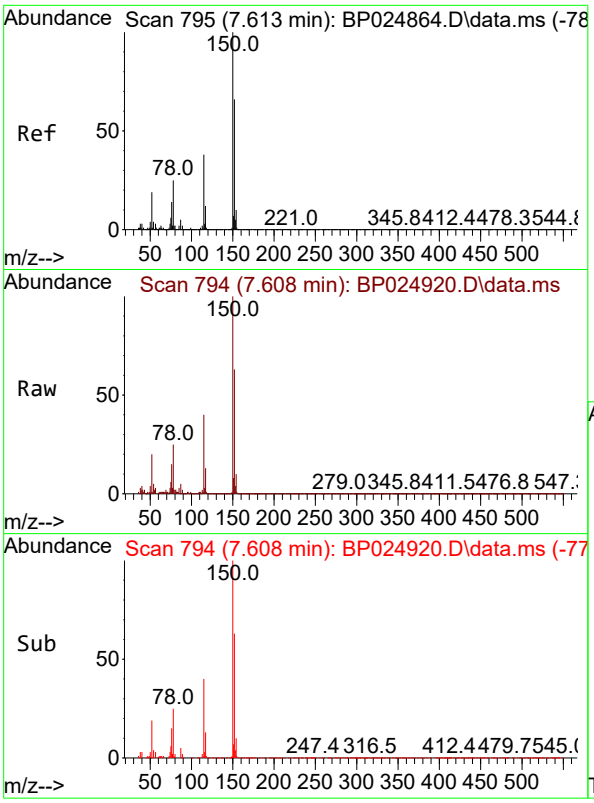
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



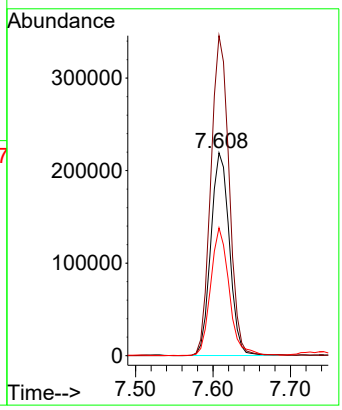


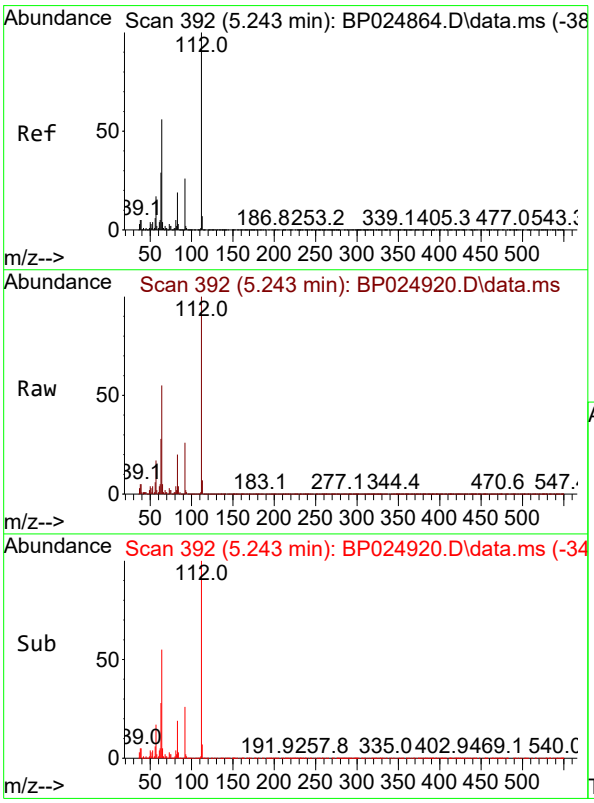
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:152 Resp: 364655

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.1	183.1
115	63.0	46.4	69.6

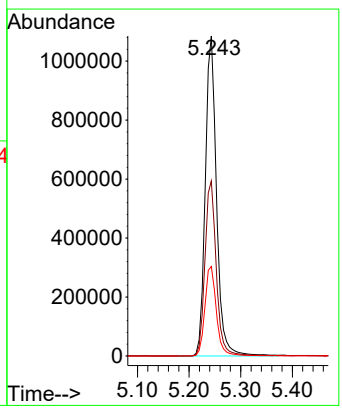


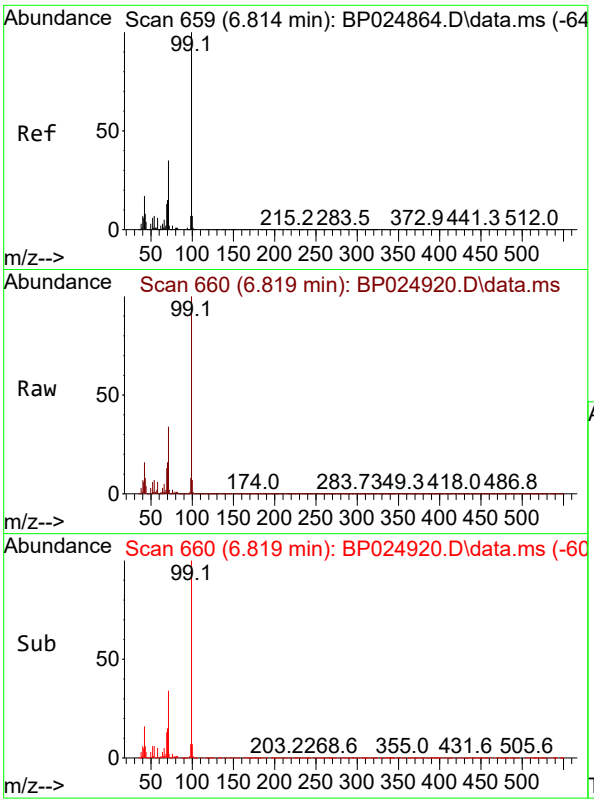


#5
2-Fluorophenol
Concen: 75.035 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:112 Resp: 1639212

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.7	67.1
63	28.0	23.5	35.3



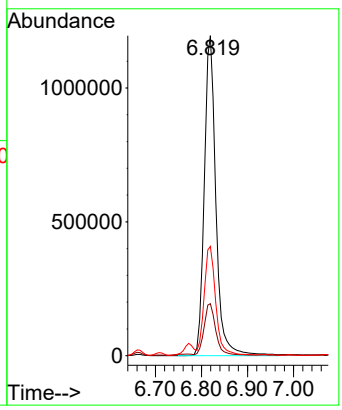


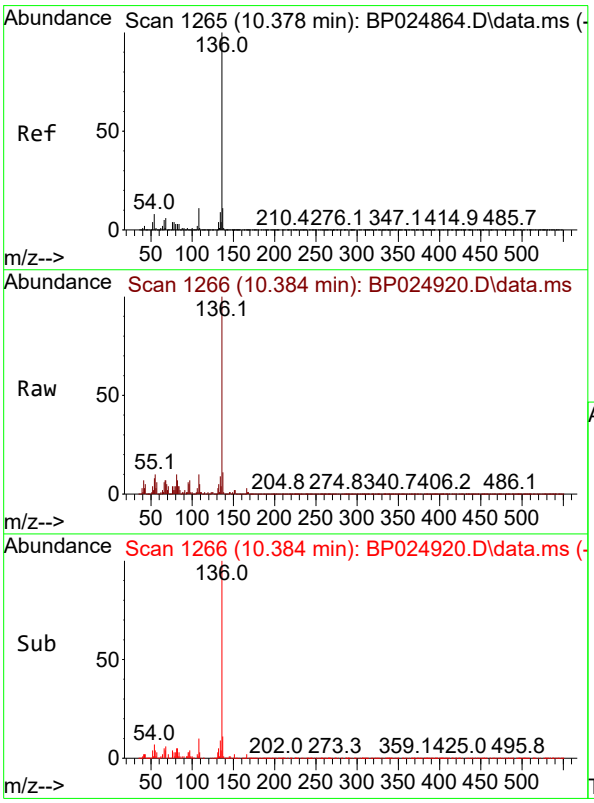
#7
Phenol-d6
Concen: 72.763 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 99 Resp: 2103172

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.2	27.6	41.4

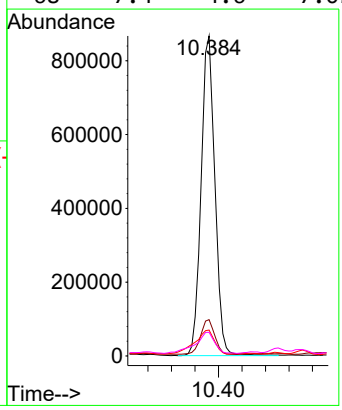


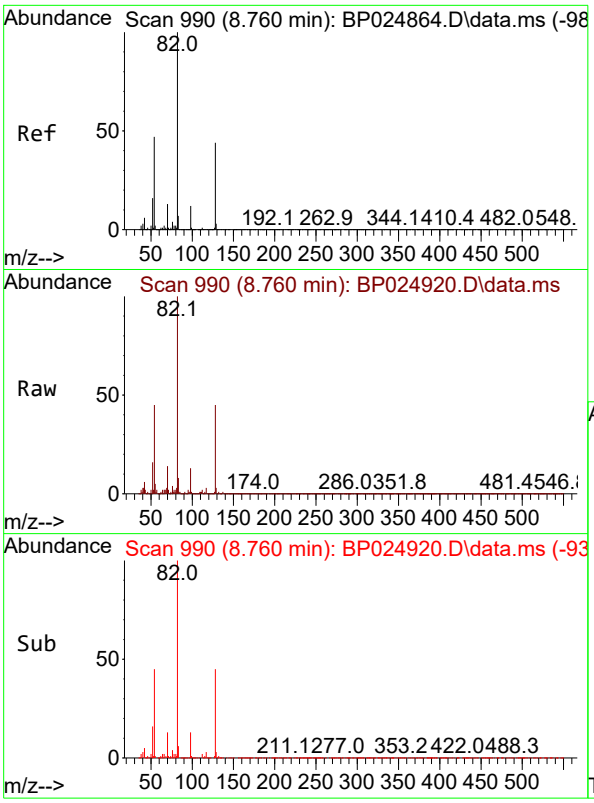


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:136 Resp: 1419199

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.1	6.1	9.1
68	7.4	4.6	7.0#



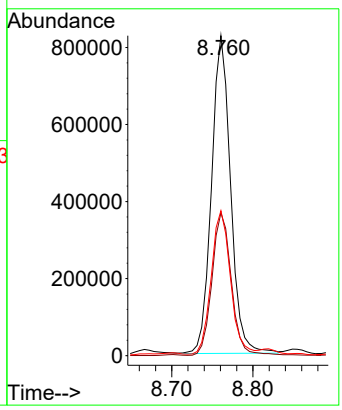


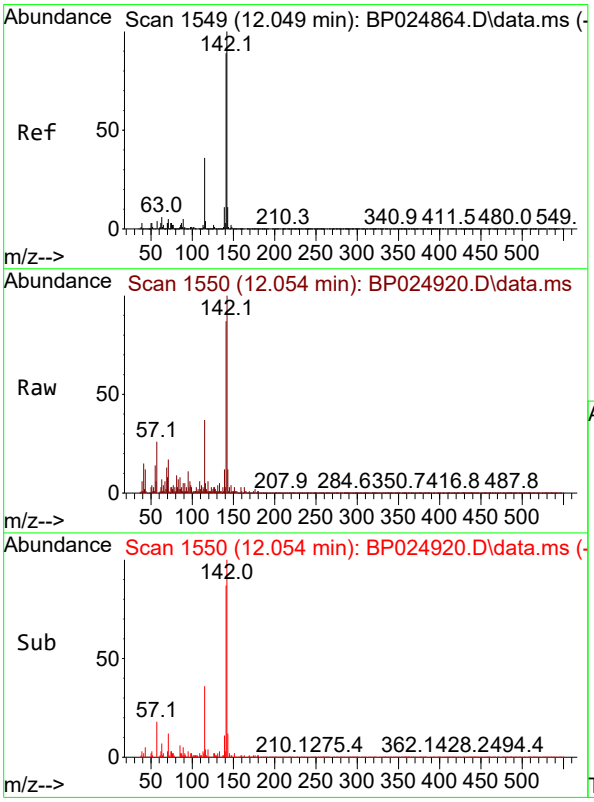
#23
Nitrobenzene-d5
Concen: 46.146 ng
RT: 8.760 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 82 Resp: 1347731

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	45.3	37.4	56.0

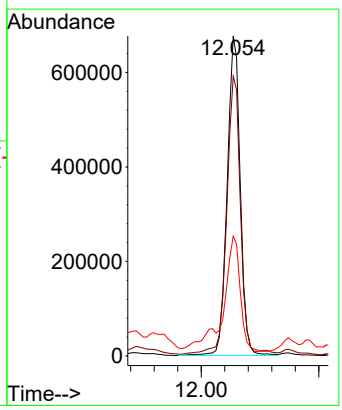


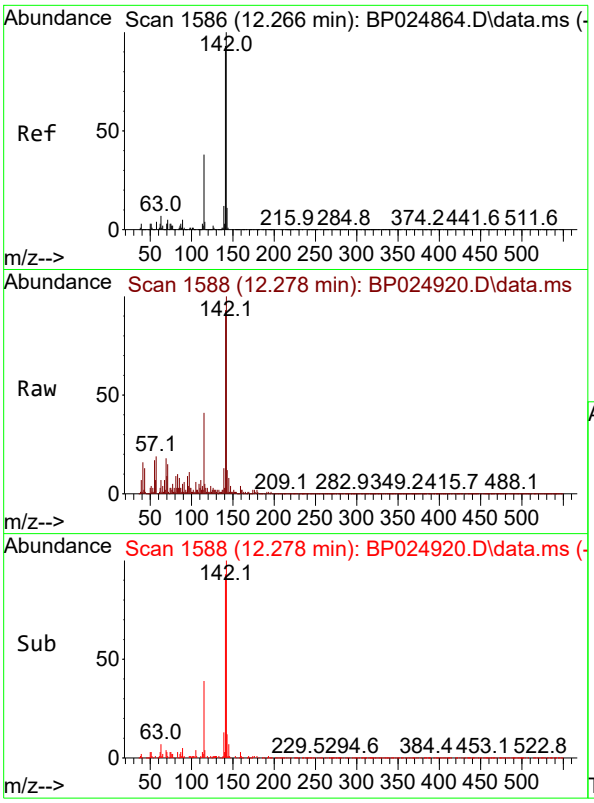


#37
2-Methylnaphthalene
Concen: 22.710 ng
RT: 12.054 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:142 Resp: 1047674

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	37.4	28.5	42.7



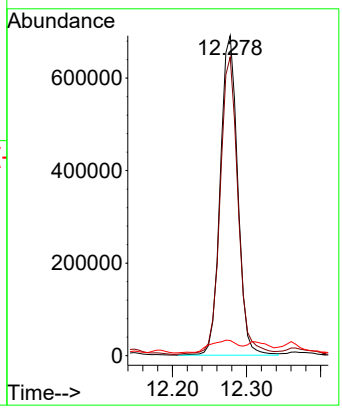


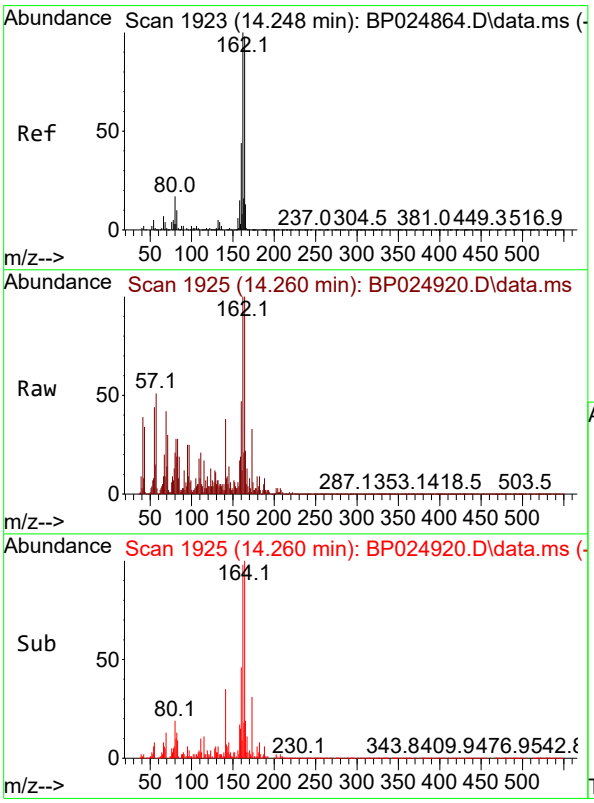
#38
1-Methylnaphthalene
Concen: 22.840 ng
RT: 12.278 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:142 Resp: 1126527

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.7	3.4	5.0

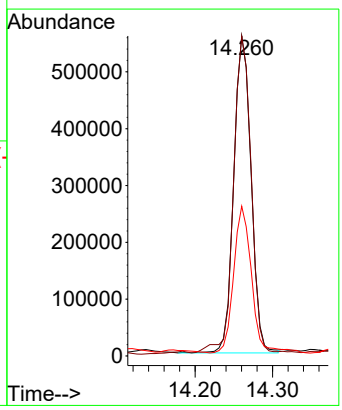


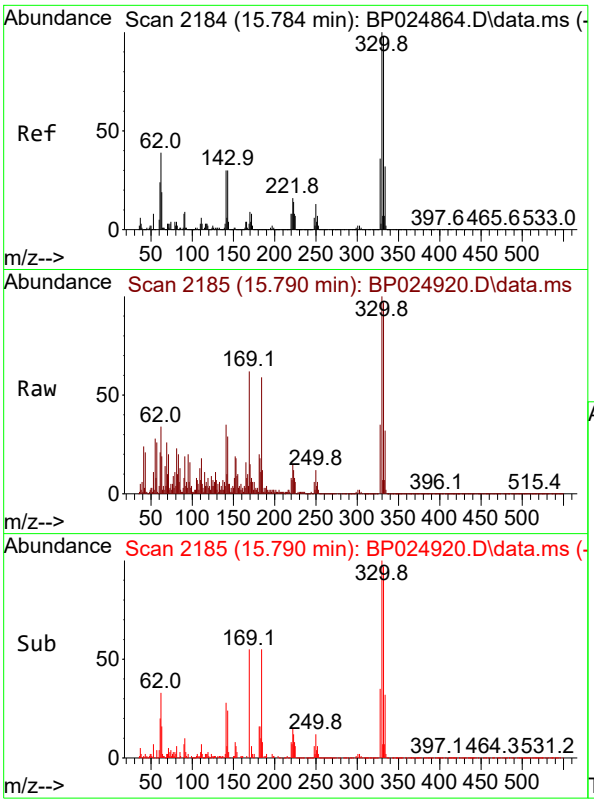


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:164 Resp: 870320

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	46.8	36.2	54.2



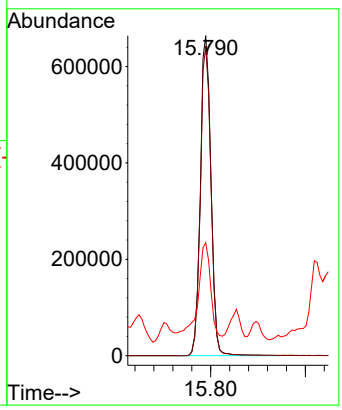


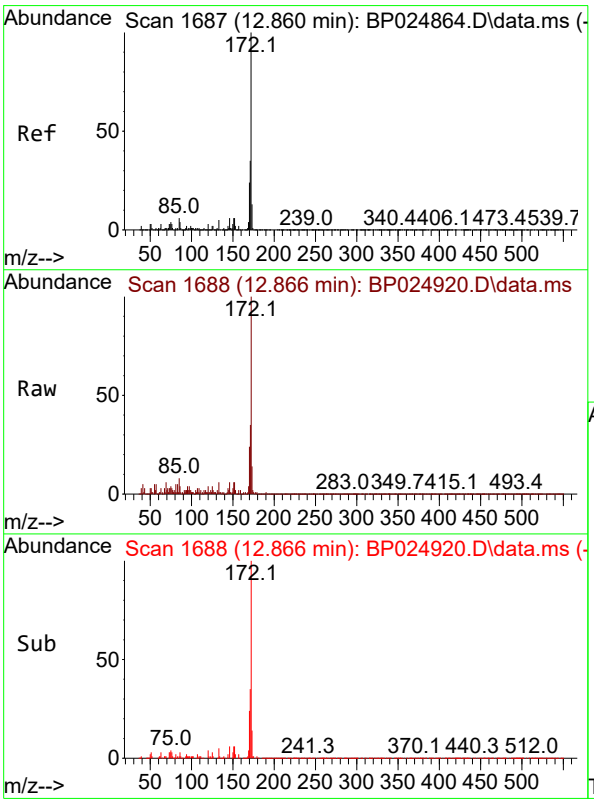
#42
2,4,6-Tribromophenol
Concen: 86.008 ng
RT: 15.790 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:330 Resp: 1034898

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	33.1	26.4	39.6

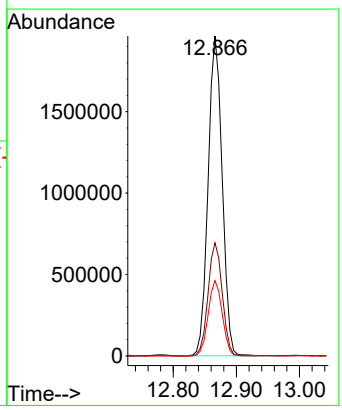


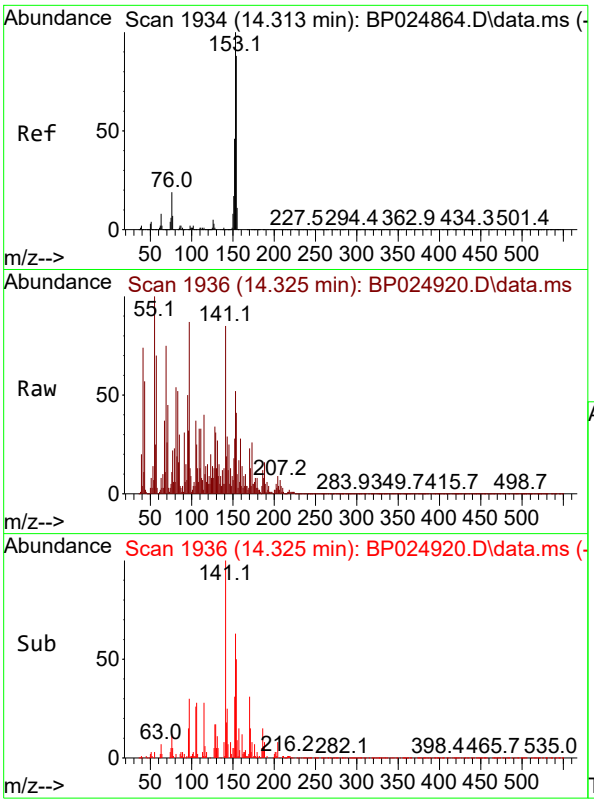


#45
2-Fluorobiphenyl
Concen: 47.107 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:172 Resp: 3043416

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.6	19.0	28.4



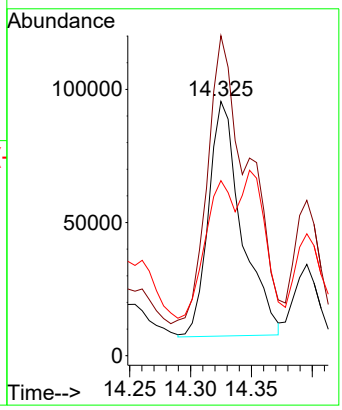


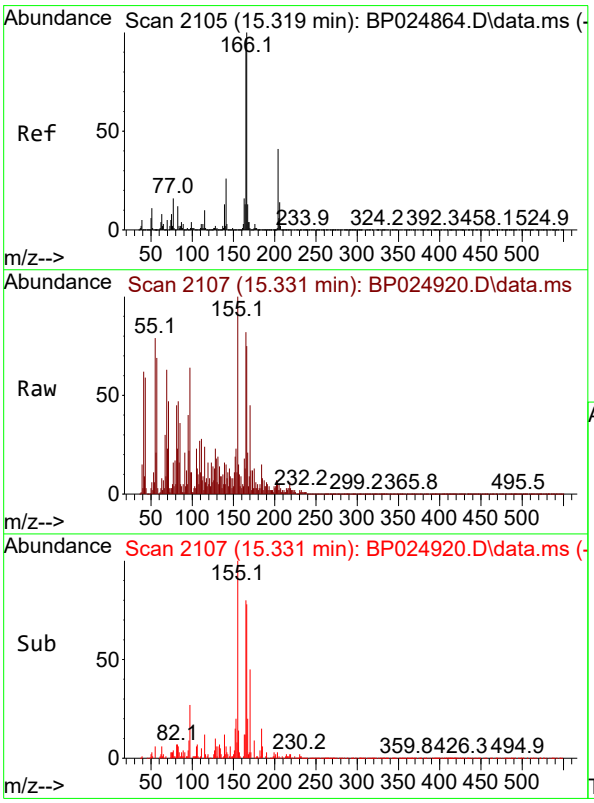
#52
Acenaphthene
Concen: 3.589 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:154 Resp: 166671

Ion	Ratio	Lower	Upper
154	100		
153	125.9	90.5	135.7
152	68.9	42.1	63.1#

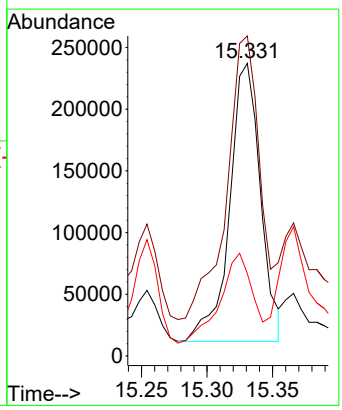


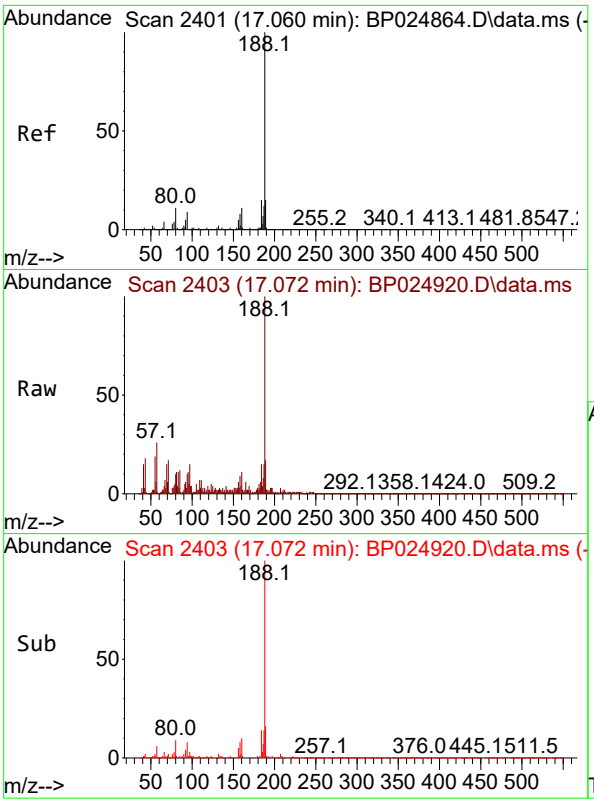


#58
Fluorene
Concen: 6.132 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:166 Resp: 369339

Ion	Ratio	Lower	Upper
166	100		
165	109.3	77.7	116.5
167	28.2	10.6	16.0#



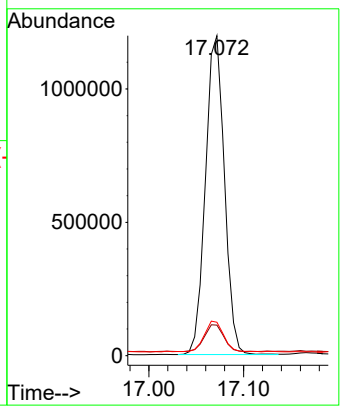


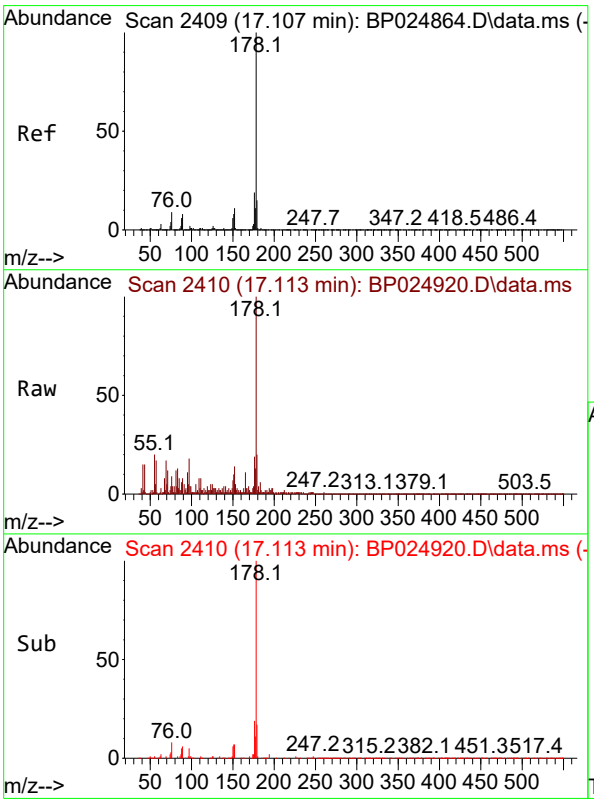
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:188 Resp: 1663800

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.5	8.5	12.7

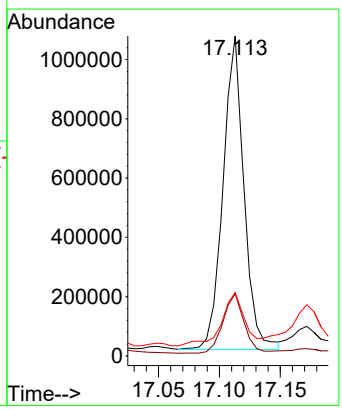


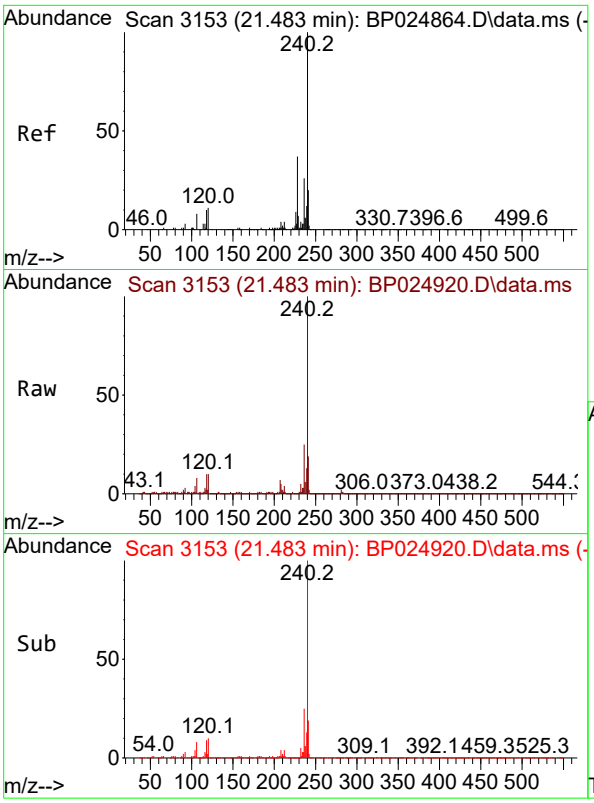


#71
Phenanthrene
Concen: 13.767 ng
RT: 17.113 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:178 Resp: 1265783

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	19.8	12.1	18.1#



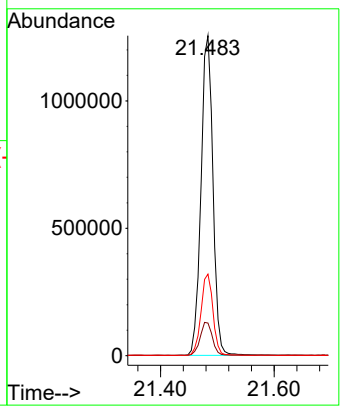


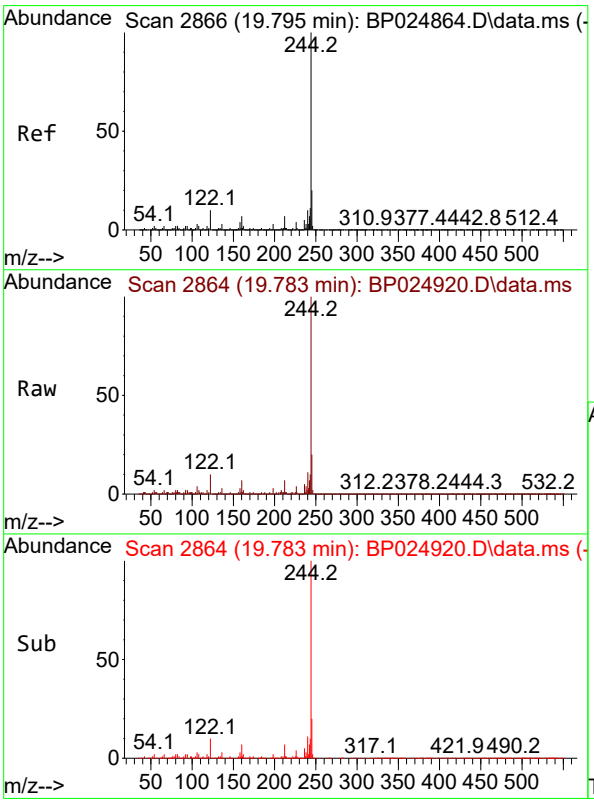
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:240 Resp: 1827902

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.5	20.9	31.3

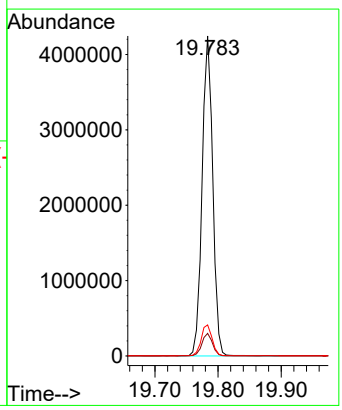


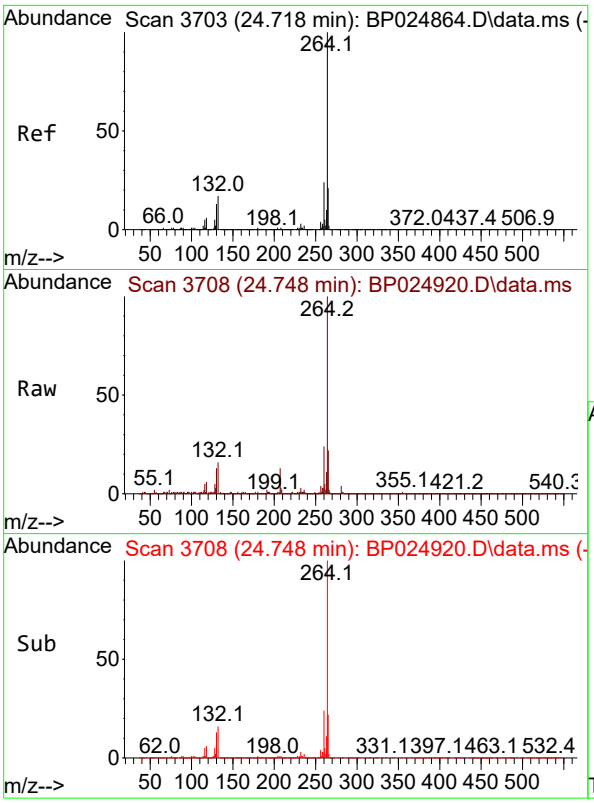


#79
Terphenyl-d14
Concen: 48.523 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:244 Resp: 4948879

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.7	7.7	11.5



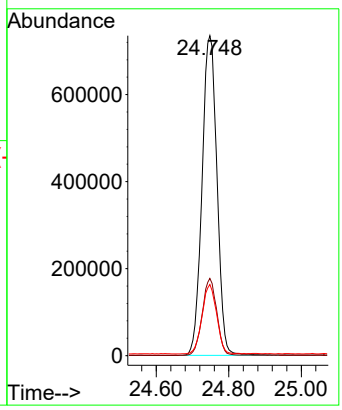


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.748 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 2099388

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.2	17.4	26.0



CALIBRATION SUMMARY

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_F Calibration Date(s): 05/20/2025 05/20/2025

Calibration Time(s): 12:10 15:31

LAB FILE ID: RRF2.5 = BF142467.D RRF005 = BF142468.D RRF010 = BF142469.D
RRF020 = BF142470.D RRF040 = BF142471.D RRF050 = BF142472.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.187	5.0
Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.429	4.8
Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.367	3.5
Naphthalene		1.061	1.021	1.020	0.941	1.007	0.985	5.9
2-Methylnaphthalene		0.679	0.638	0.646	0.590	0.631	0.620	6.6
2-Fluorobiphenyl		1.726	1.619	1.558	1.387	1.480	1.490	10.5
2,4,6-Tribromophenol		0.230	0.225	0.234	0.211	0.233	0.222	5.4
Terphenyl-d14		1.624	1.582	1.660	1.423	1.492	1.464	12.8

All other compounds must meet a minimum RRF of 0.010.

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

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

ICAL Form

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

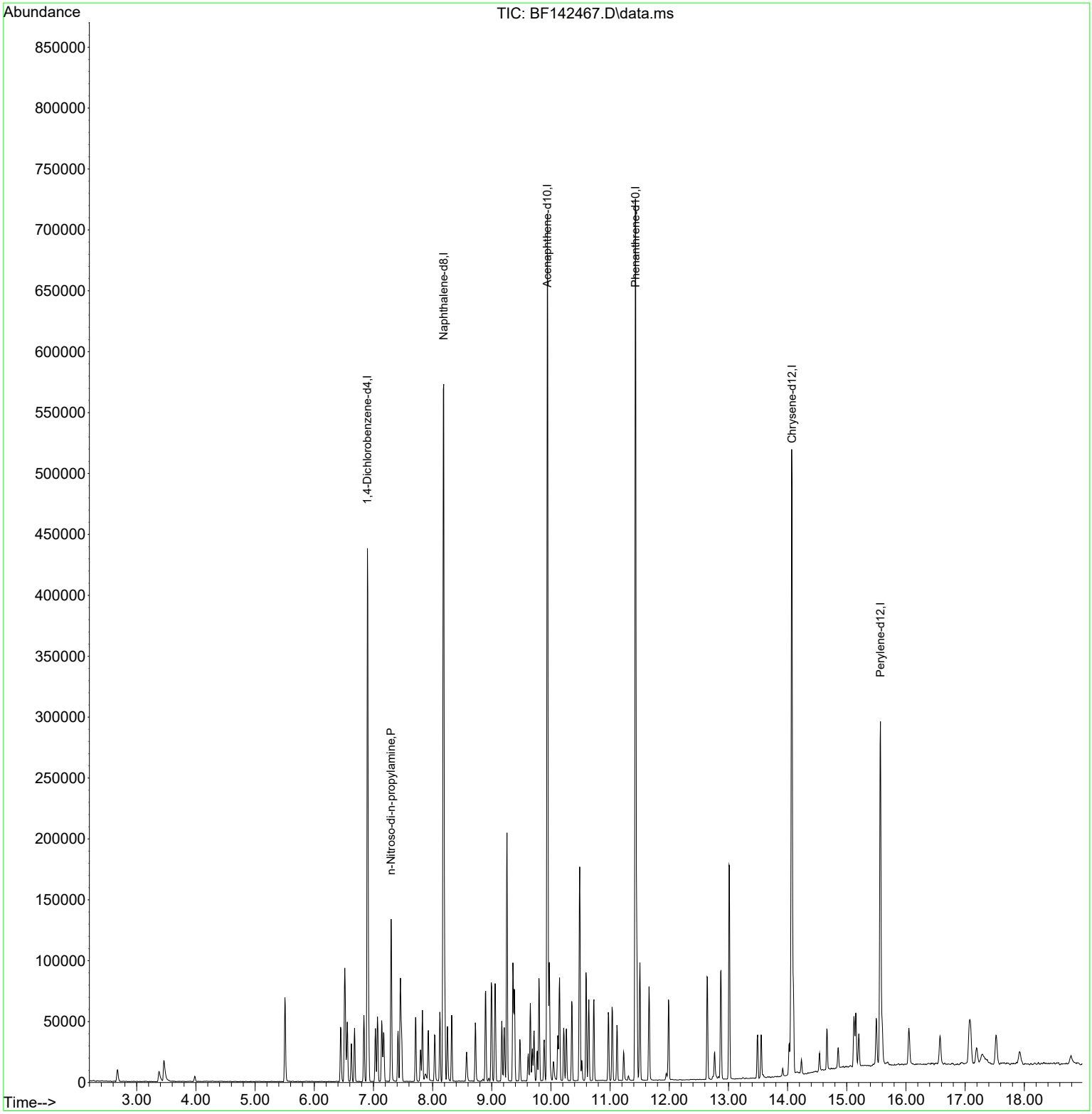
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	371457	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	211662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	381744	20.000	ng	0.00
76) Chrysene-d12	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

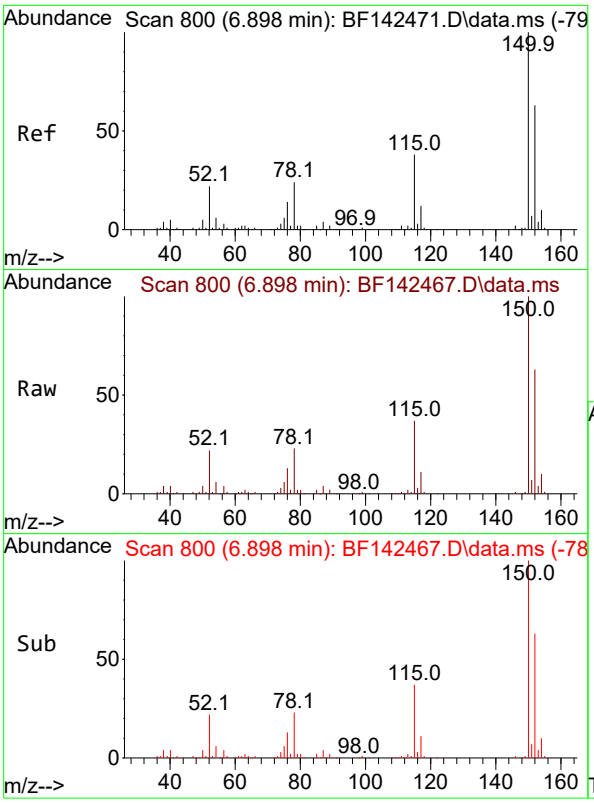
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



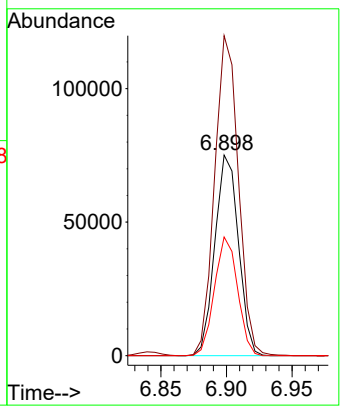


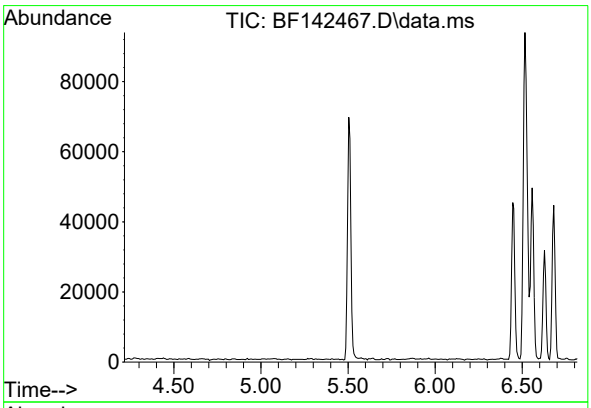
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



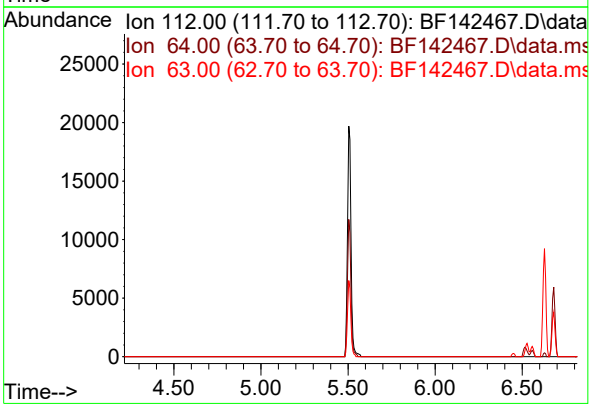


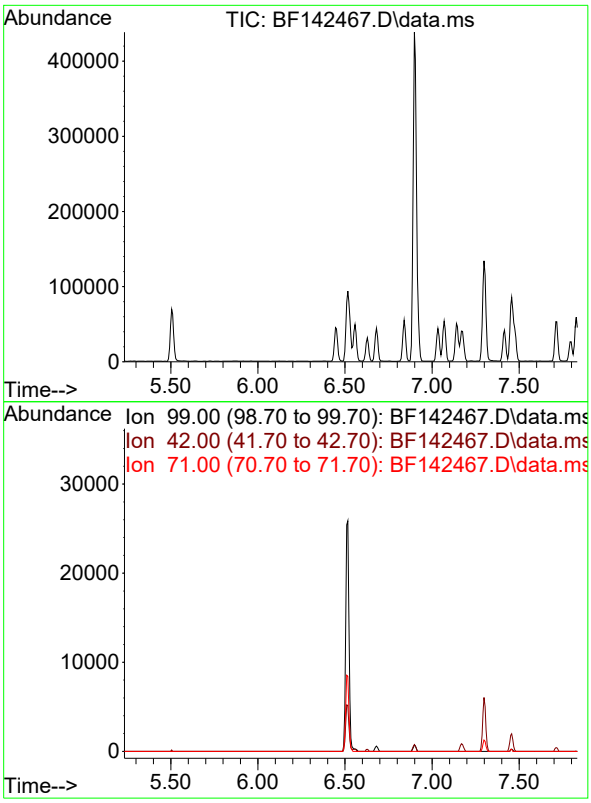
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.52 min

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

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.4
63	31.1





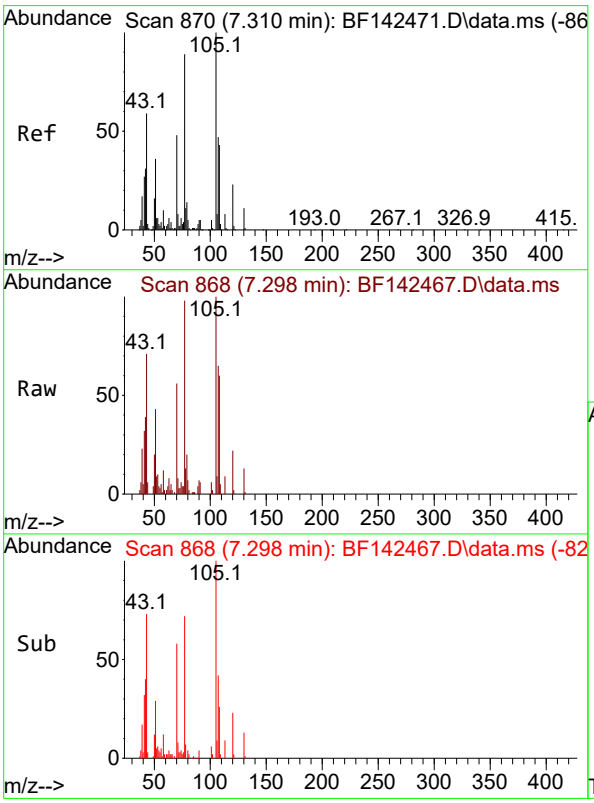
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.53 min

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

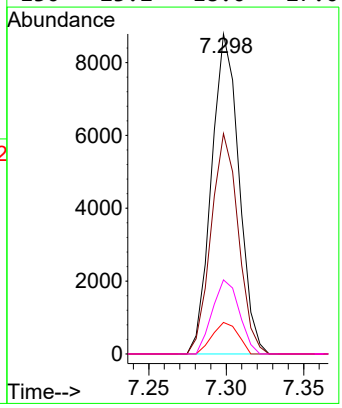
Sig	Exp Ratio
99	100
42	20.2
71	34.1

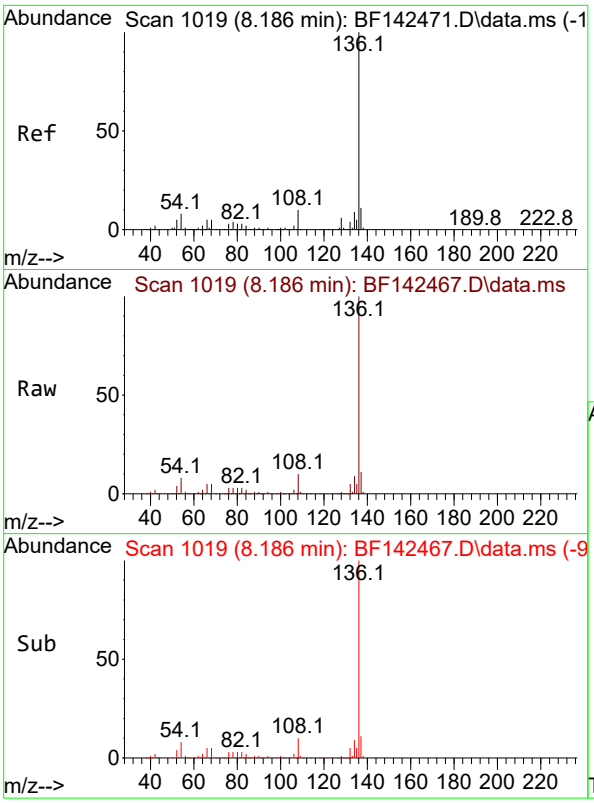


#19
n-Nitroso-di-n-propylamine
Concen: 2.607 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.029 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



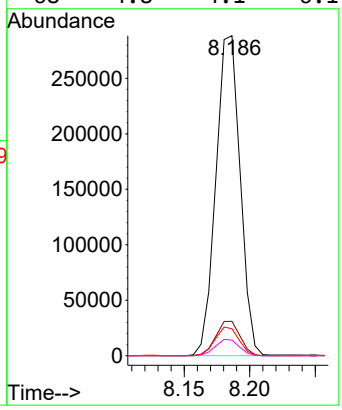


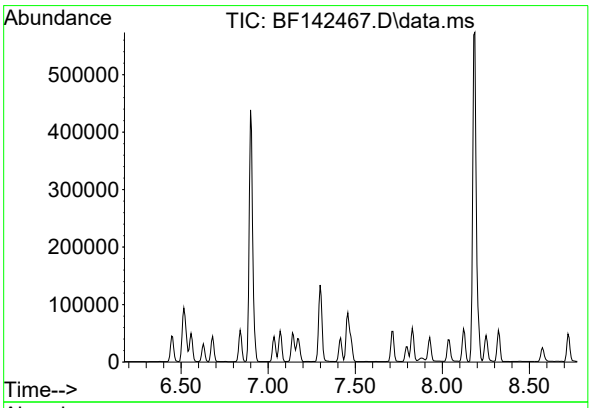
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



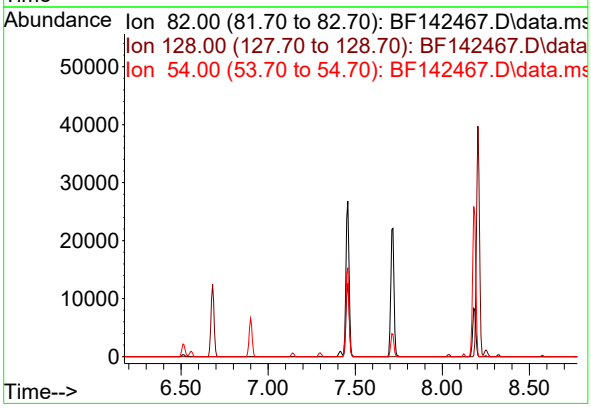


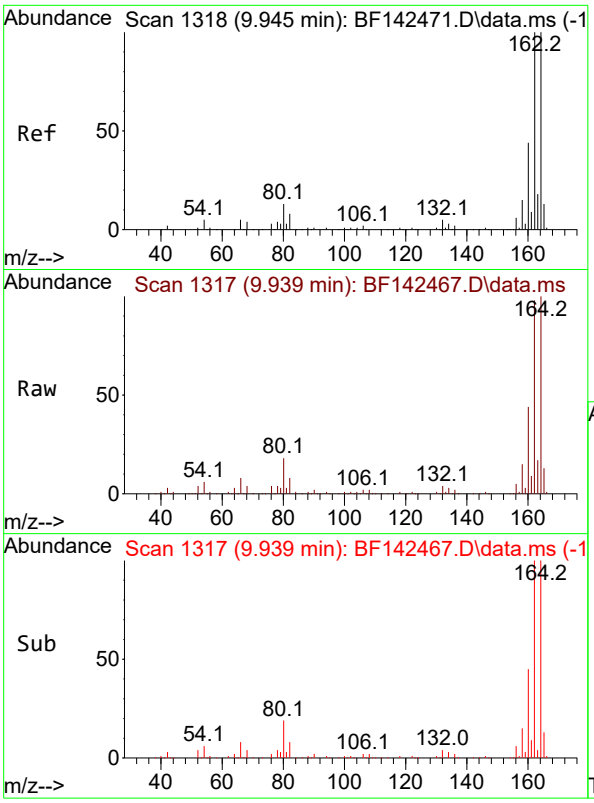
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.8
54	58.3



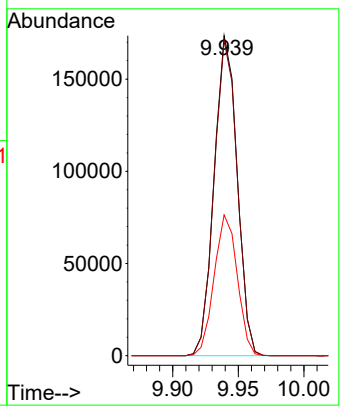


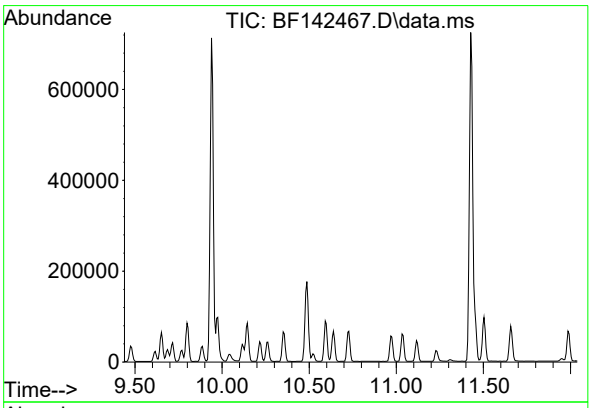
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



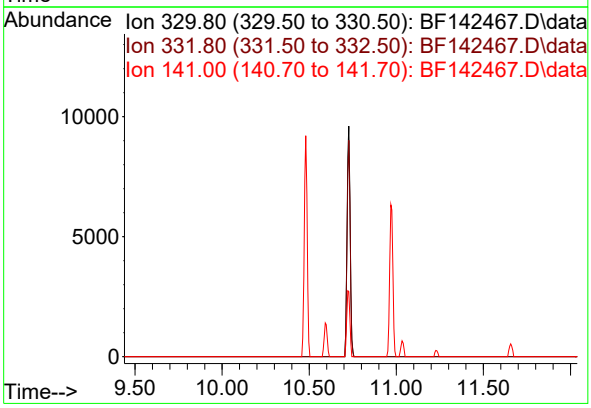


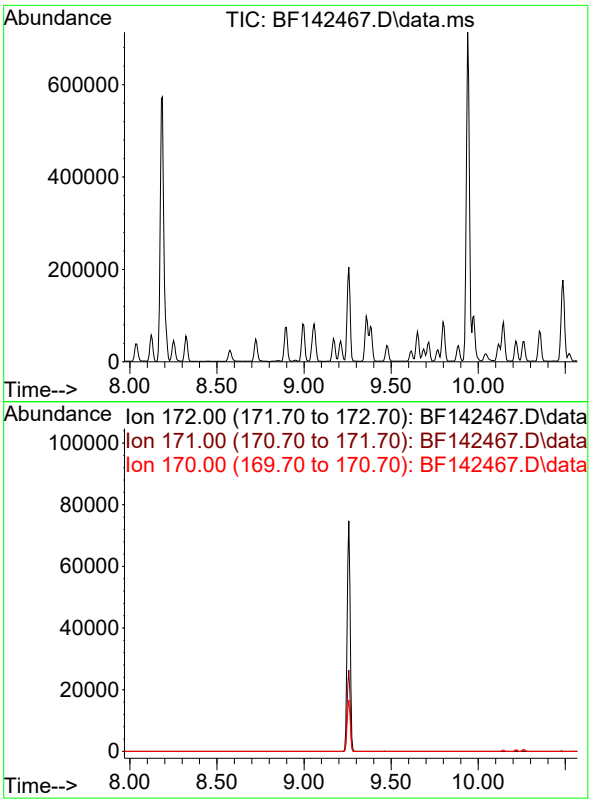
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.74 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	30.7





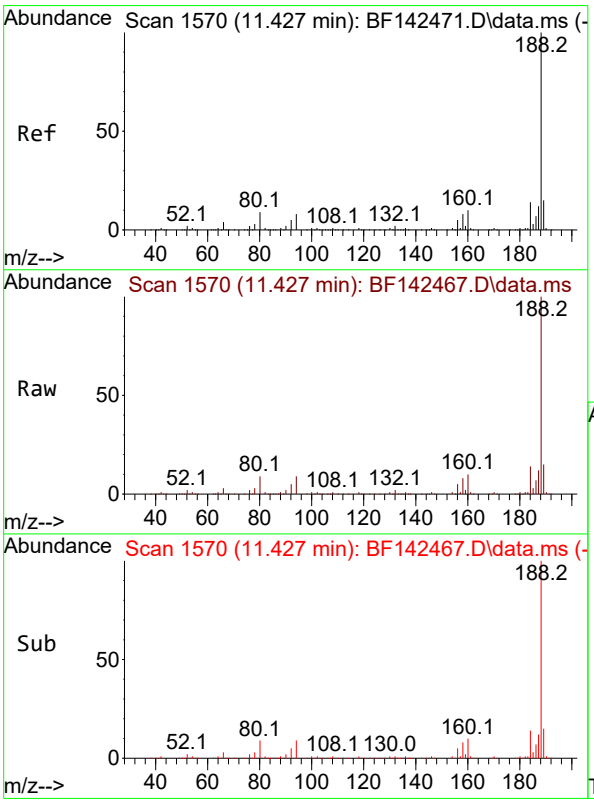
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.27 min

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

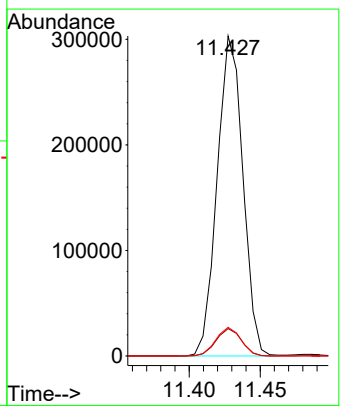
Sig	Exp Ratio
172	100
171	35.7
170	23.6

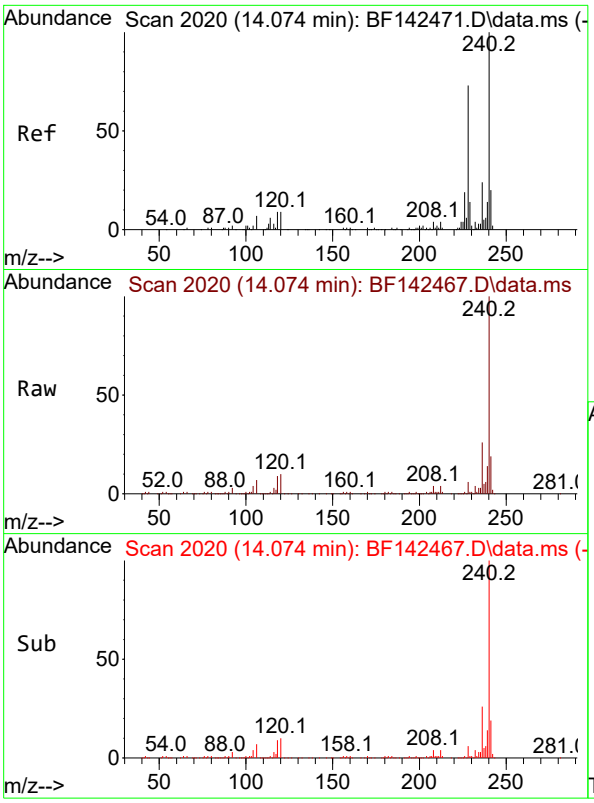


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



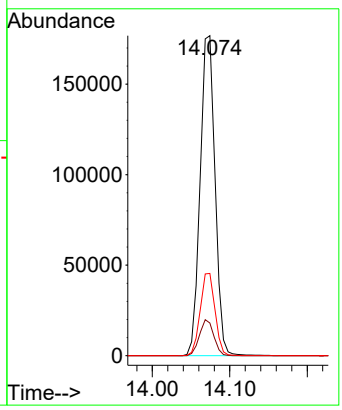


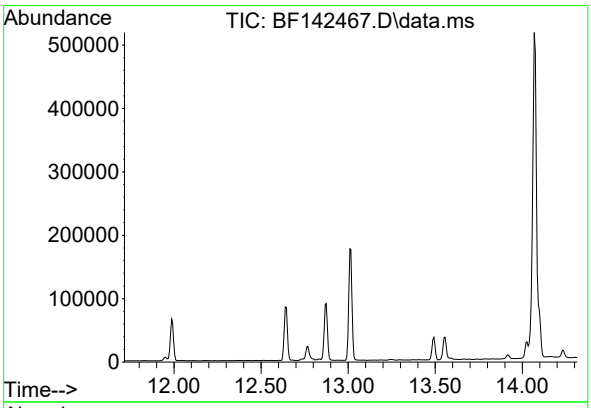
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



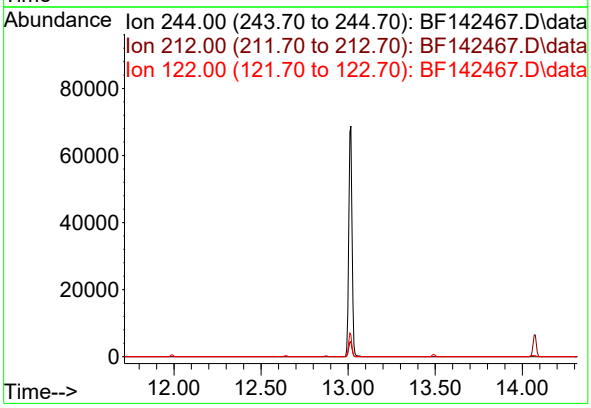


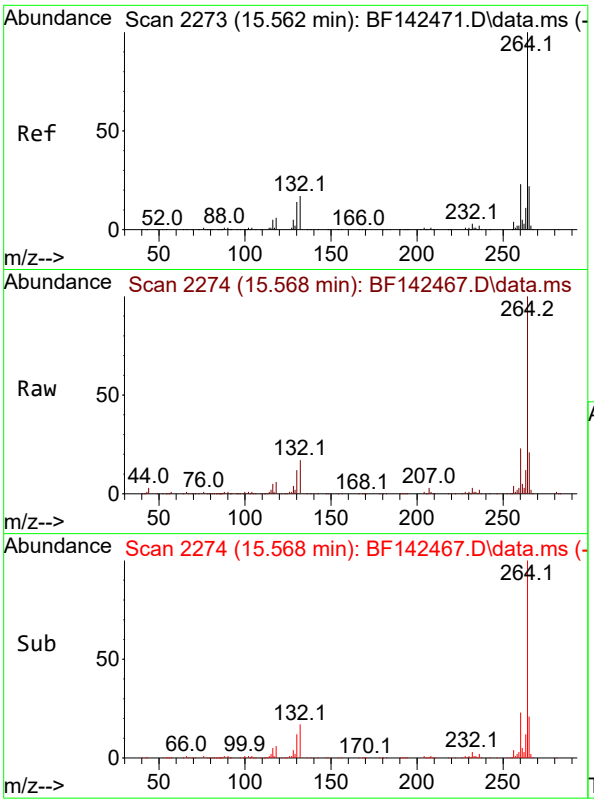
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

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

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.6
122	10.2



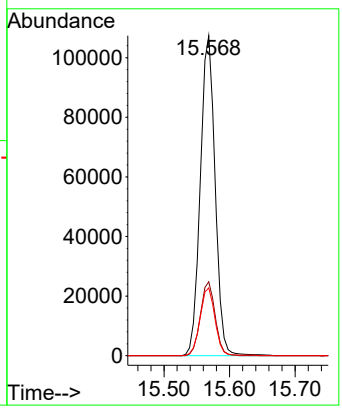


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

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



ICAL Form

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

ICAL Form

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

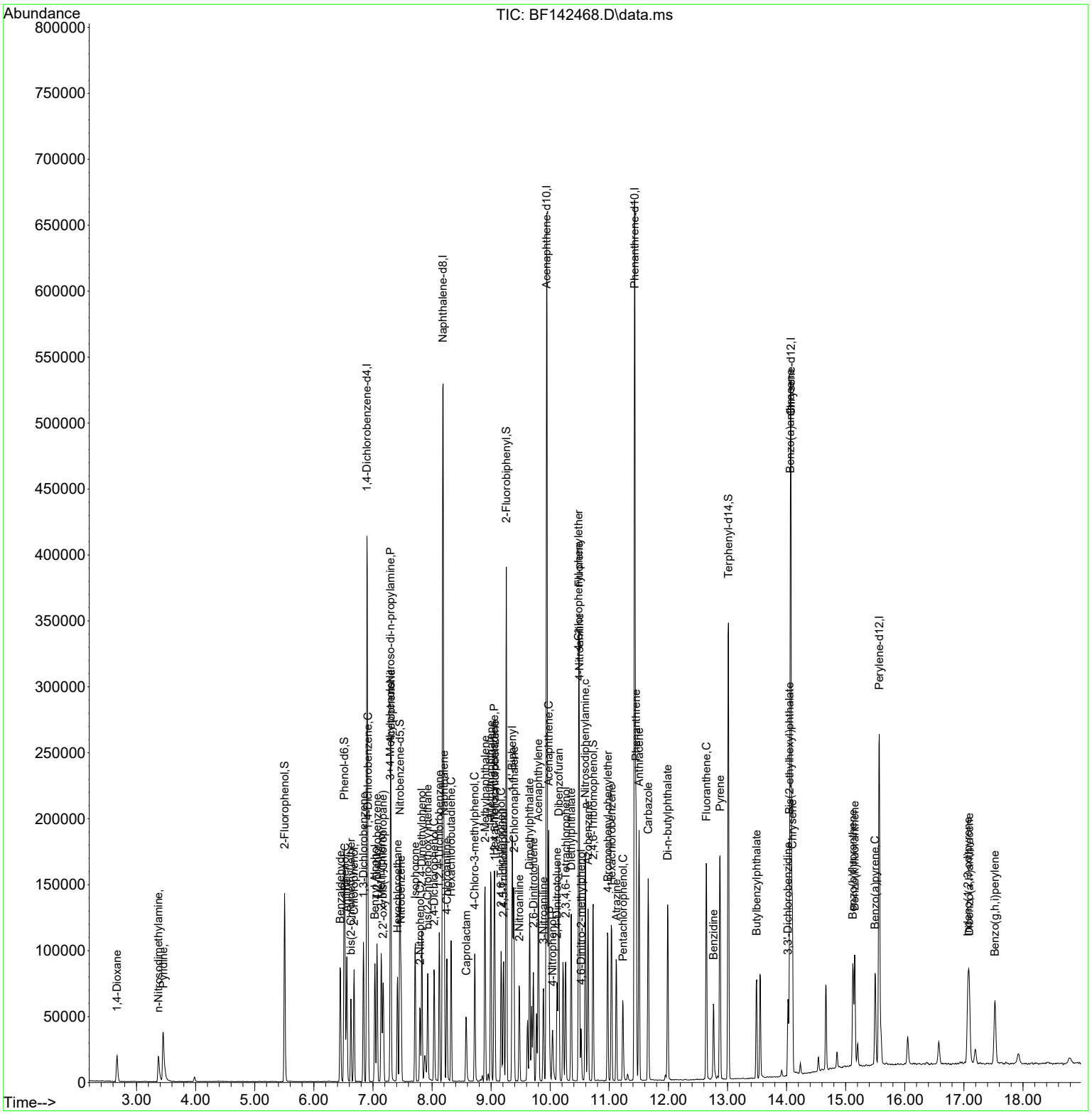
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	82376	5.387	ng	99
47) 2-Chloronaphthalene	9.386	162	60002	5.311	ng	97
48) 2-Nitroaniline	9.475	65	16399	5.022	ng	95
49) Acenaphthylene	9.798	152	101686	5.330	ng	99
50) Dimethylphthalate	9.651	163	71020	5.461	ng	99
51) 2,6-Dinitrotoluene	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

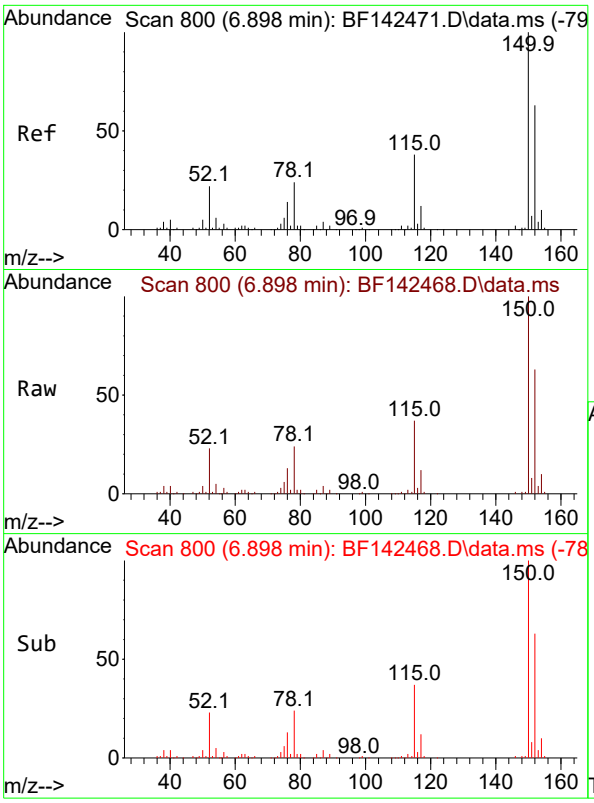
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



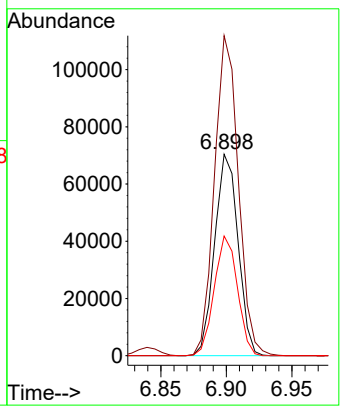


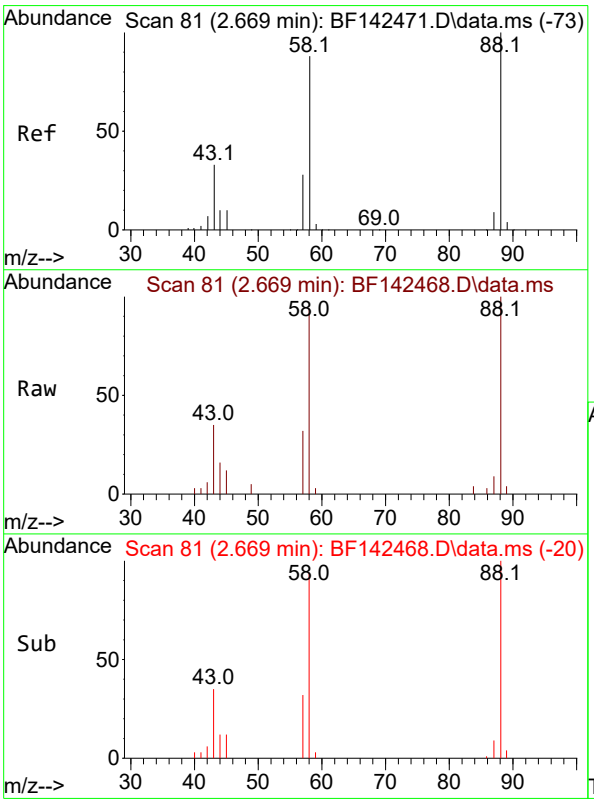
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

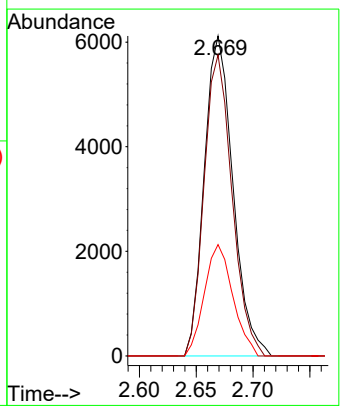


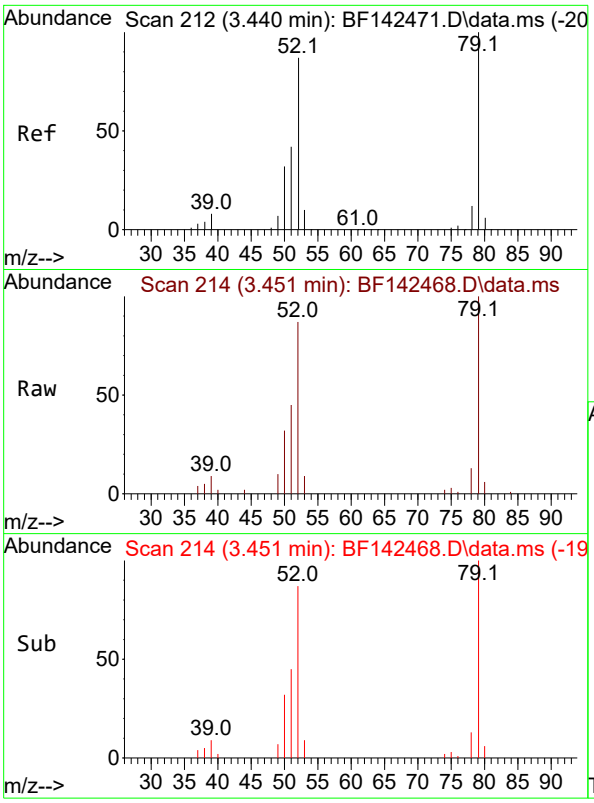


#2
1,4-Dioxane
Concen: 5.186 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



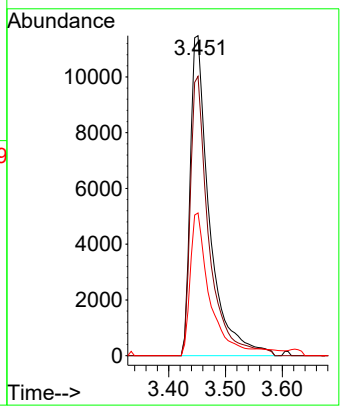


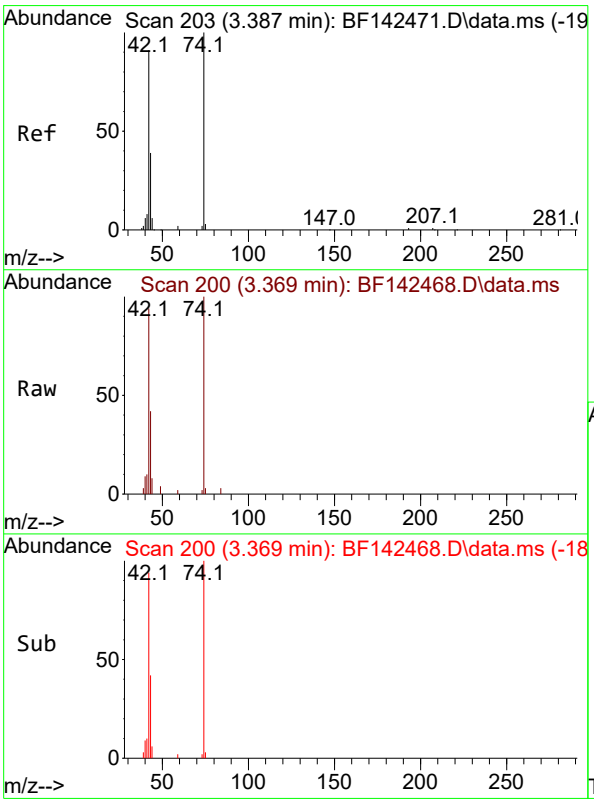
#3
Pyridine
Concen: 5.115 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

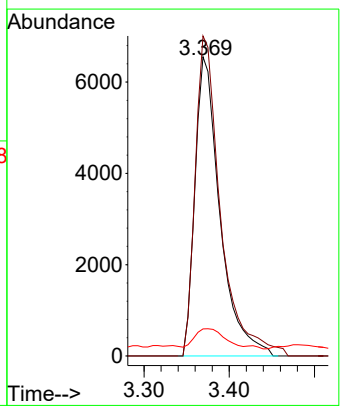


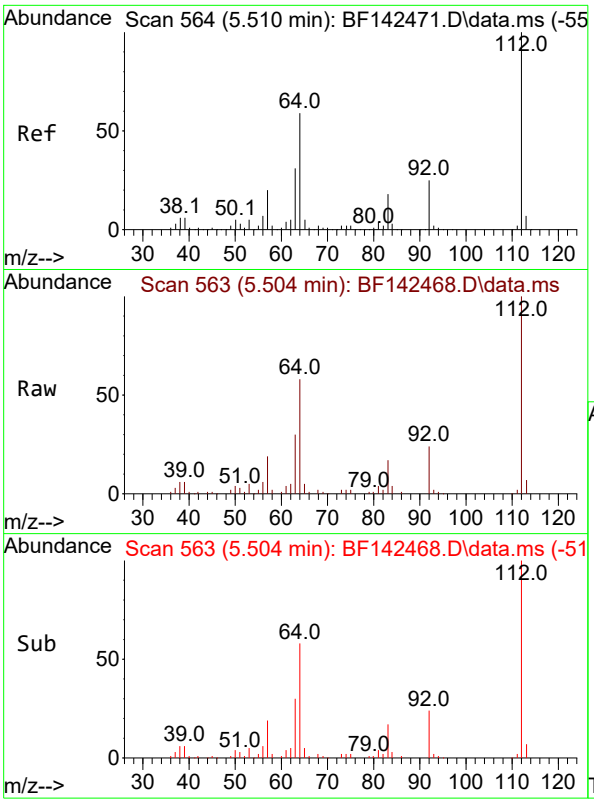


#4
n-Nitrosodimethylamine
Concen: 4.870 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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#



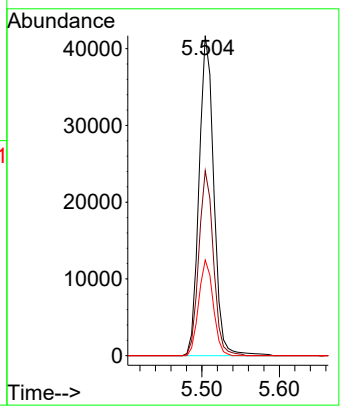


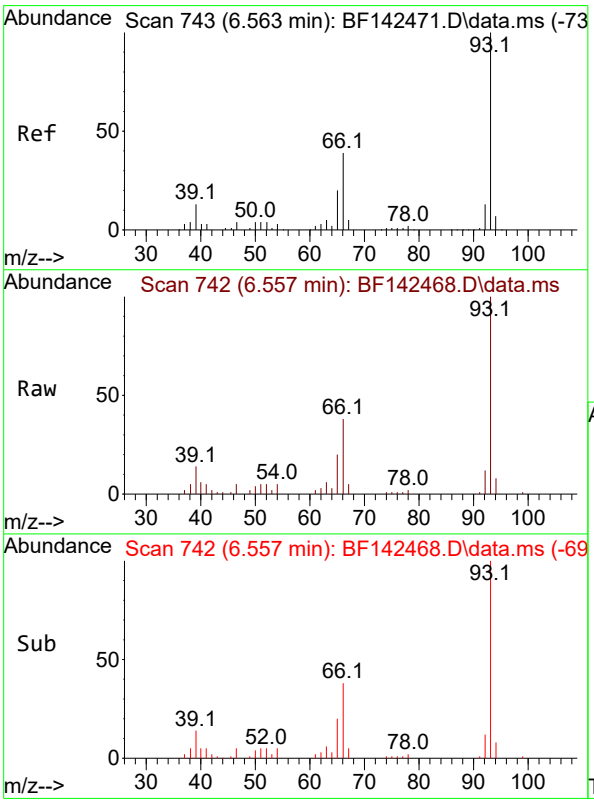
#5
2-Fluorophenol
Concen: 10.647 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

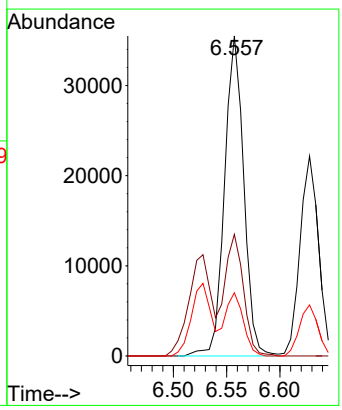


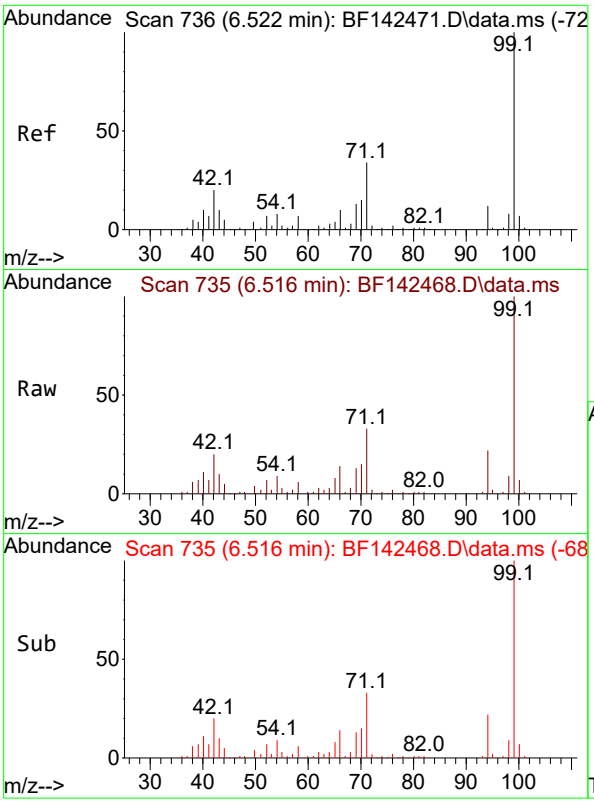


#6
Aniline
Concen: 5.318 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



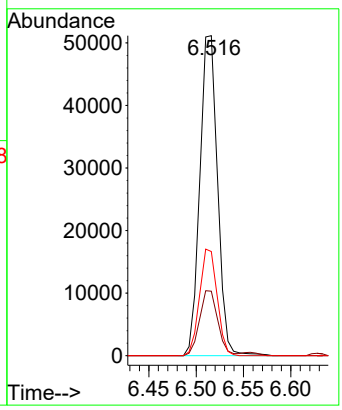


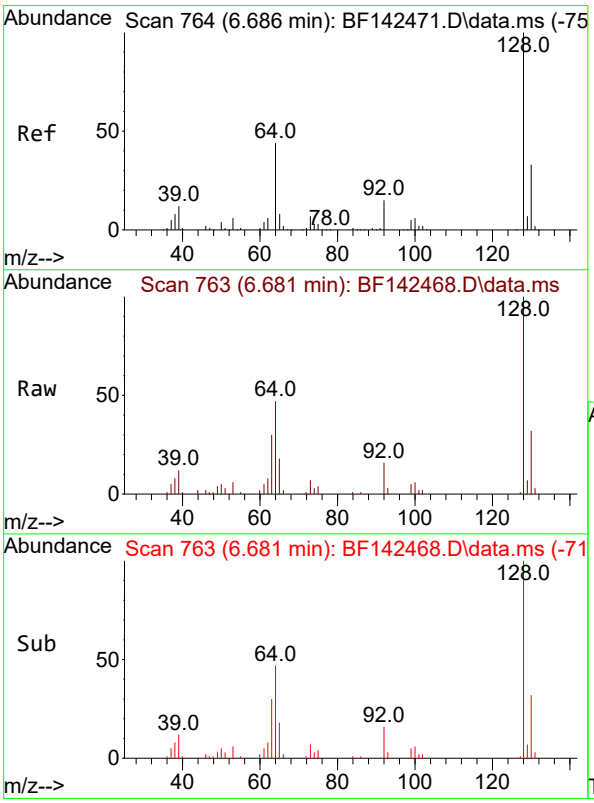
#7
Phenol-d6
Concen: 10.710 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

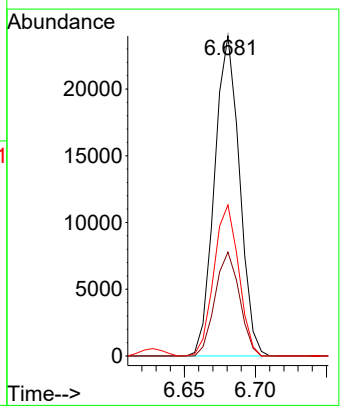


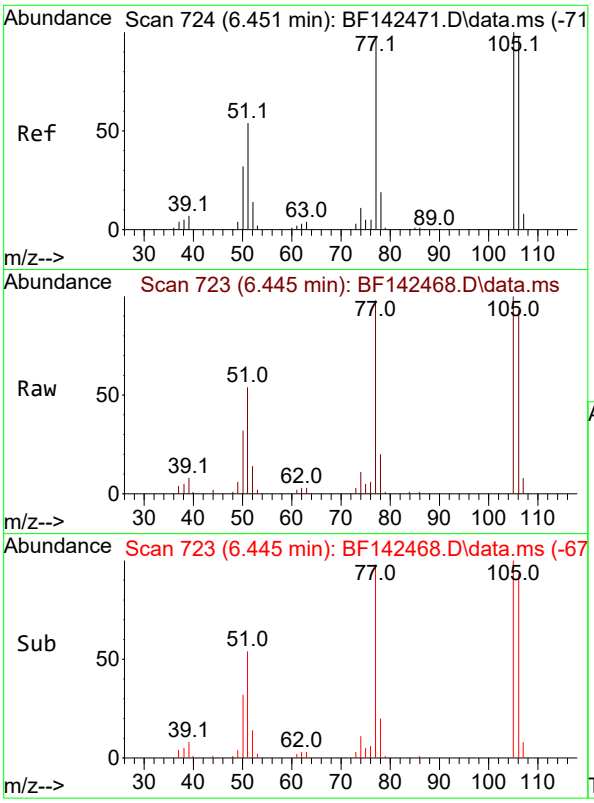


#8
2-Chlorophenol
Concen: 5.201 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



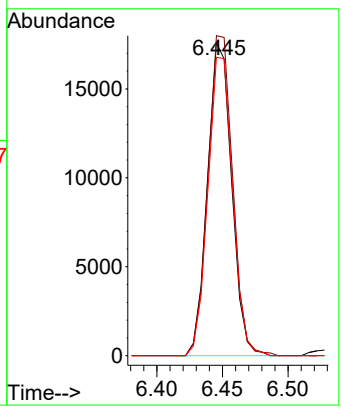


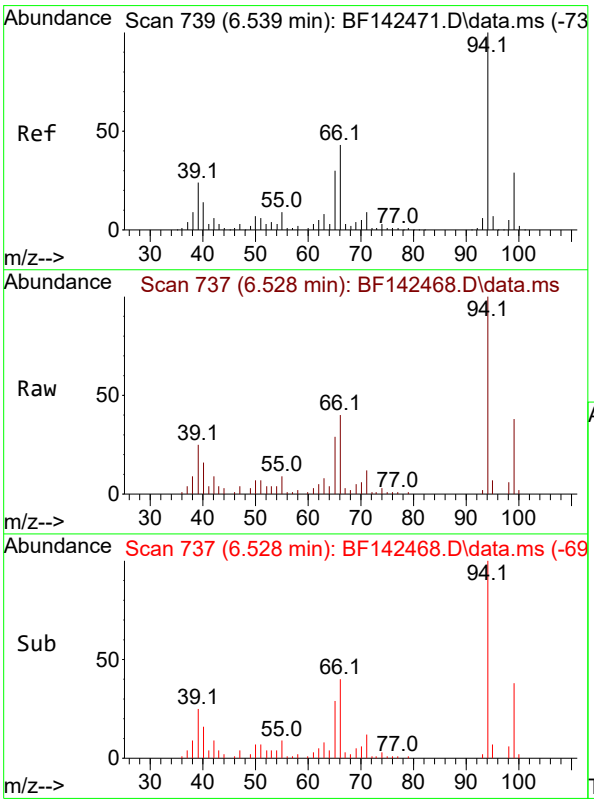
#9
Benzaldehyde
Concen: 6.020 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

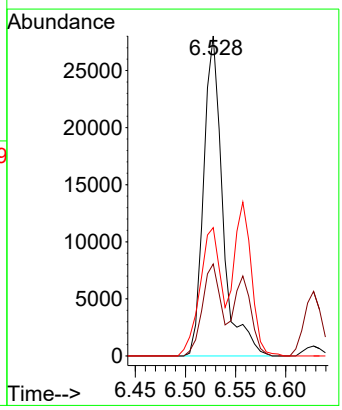


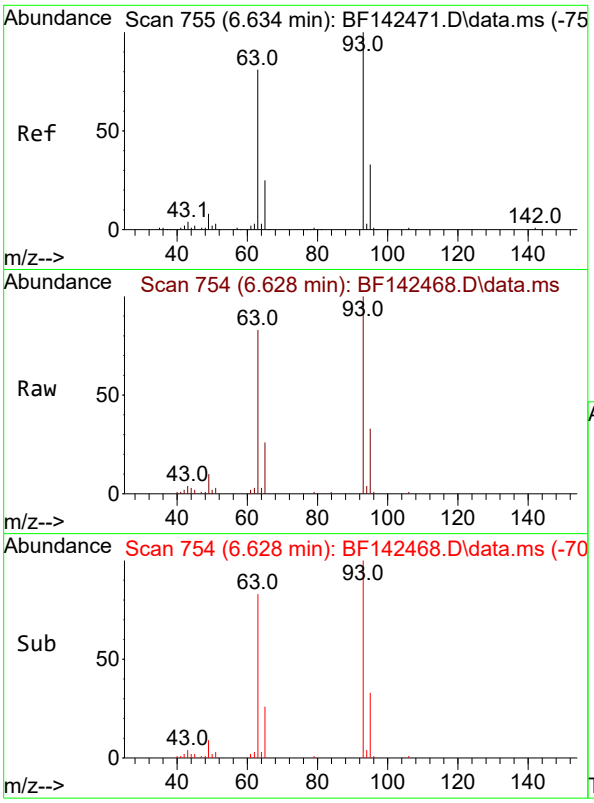


#10
Phenol
Concen: 5.336 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



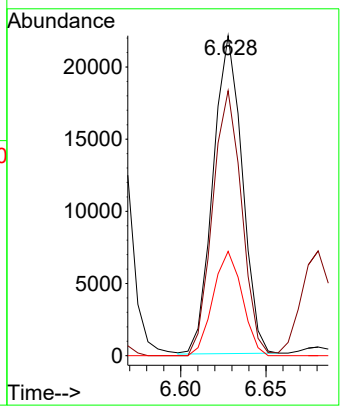


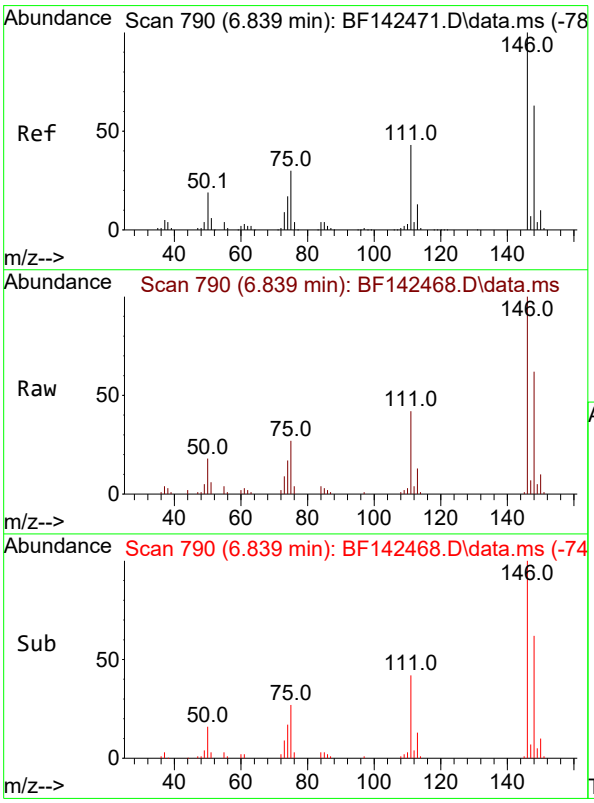
#11
bis(2-Chloroethyl)ether
Concen: 5.192 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

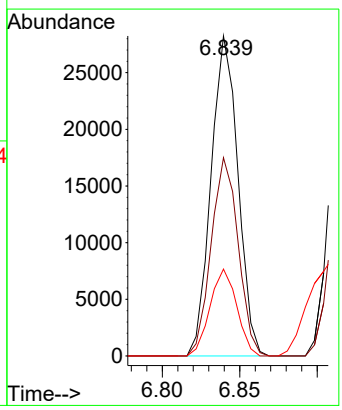


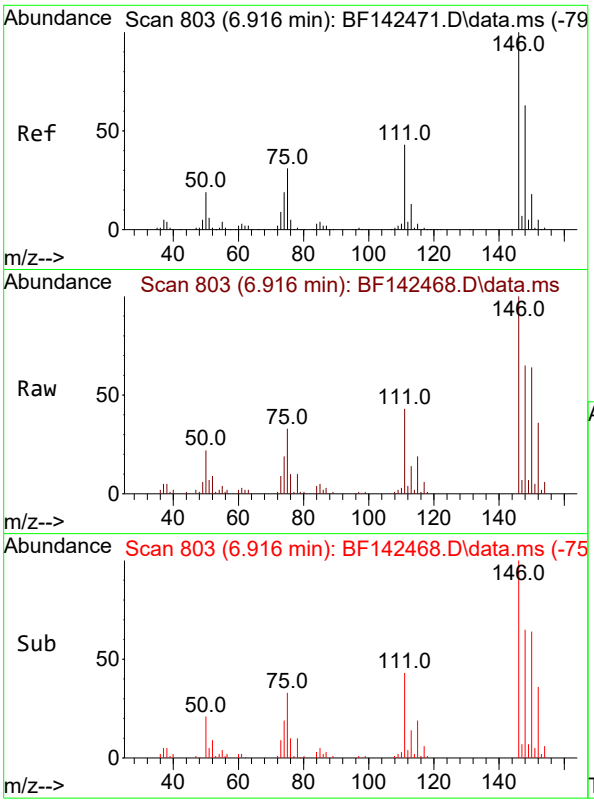


#12
1,3-Dichlorobenzene
Concen: 5.413 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



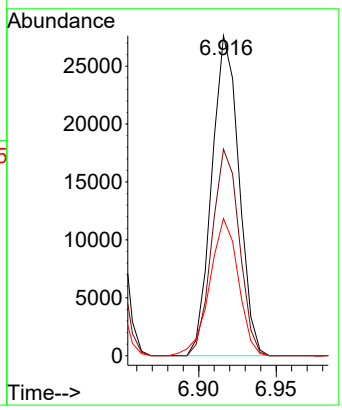


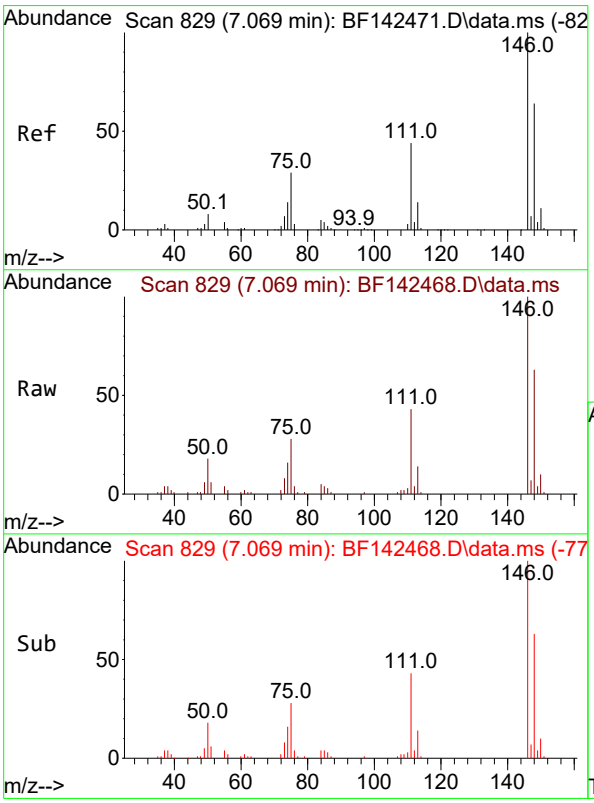
#13
1,4-Dichlorobenzene
Concen: 5.298 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

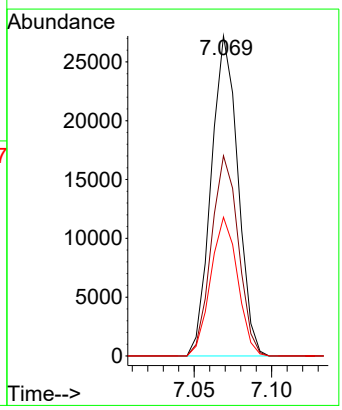


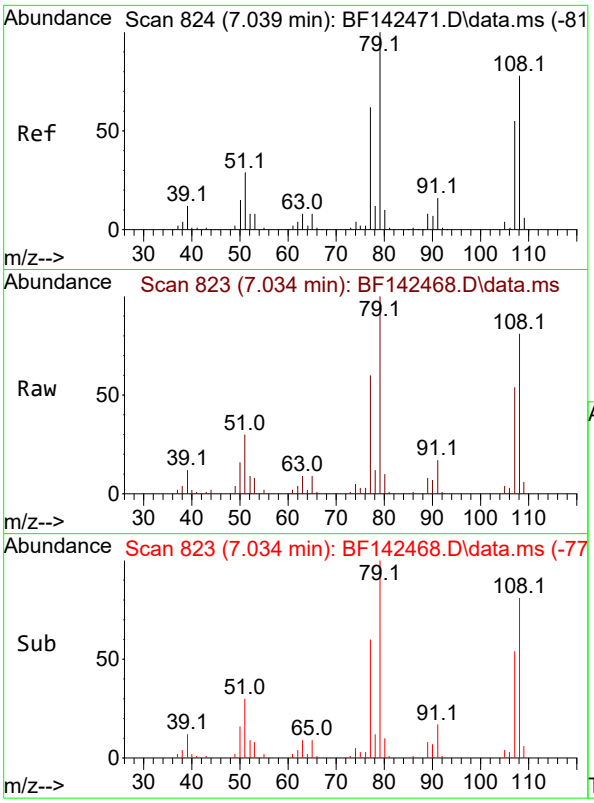


#14
1,2-Dichlorobenzene
Concen: 5.374 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



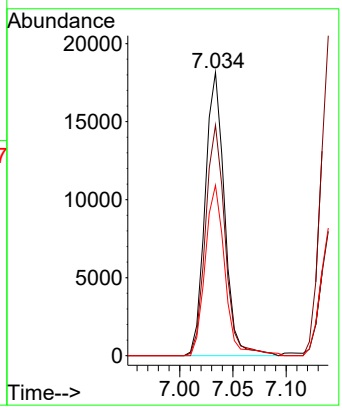


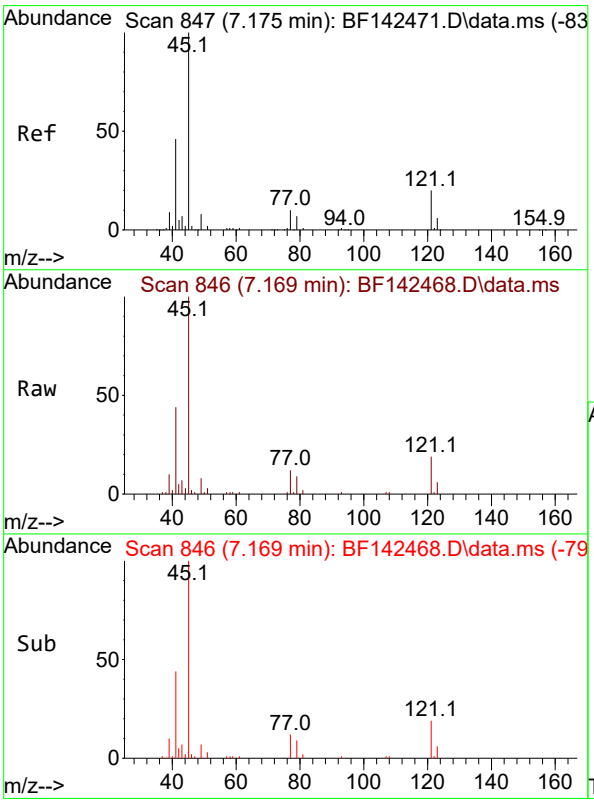
#15
Benzyl Alcohol
Concen: 5.015 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

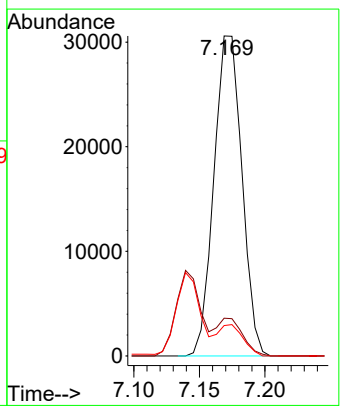


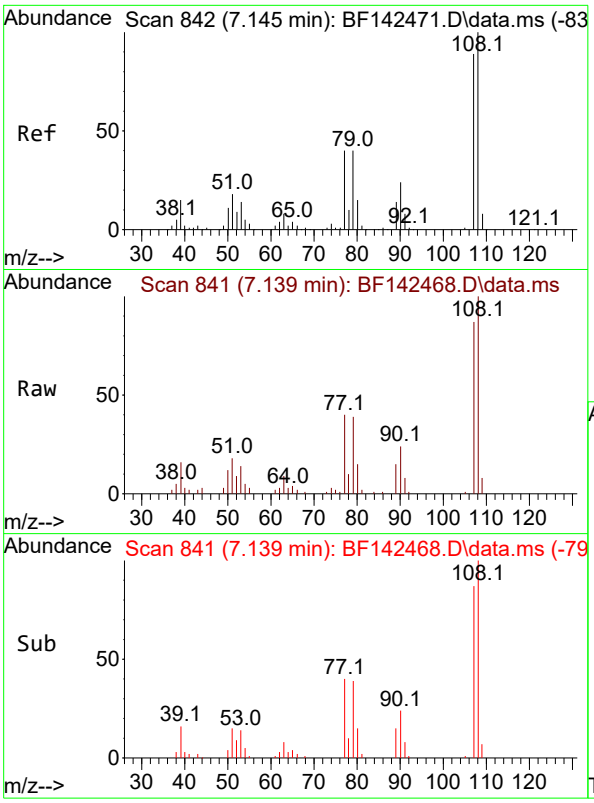


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.355 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



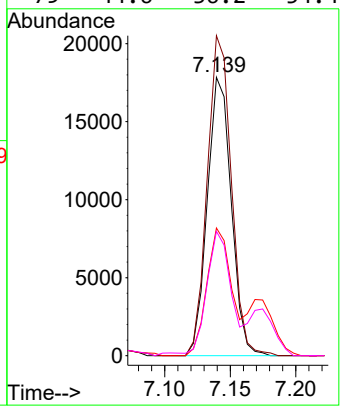


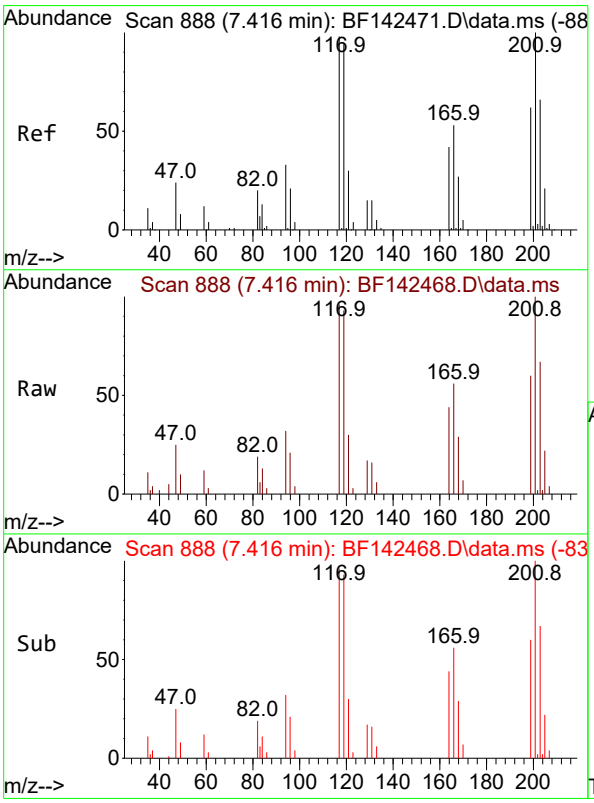
#17
2-Methylphenol
Concen: 5.153 ng
RT: 7.139 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

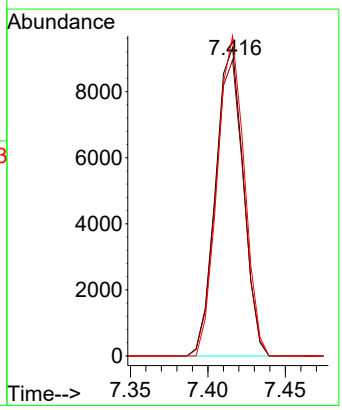


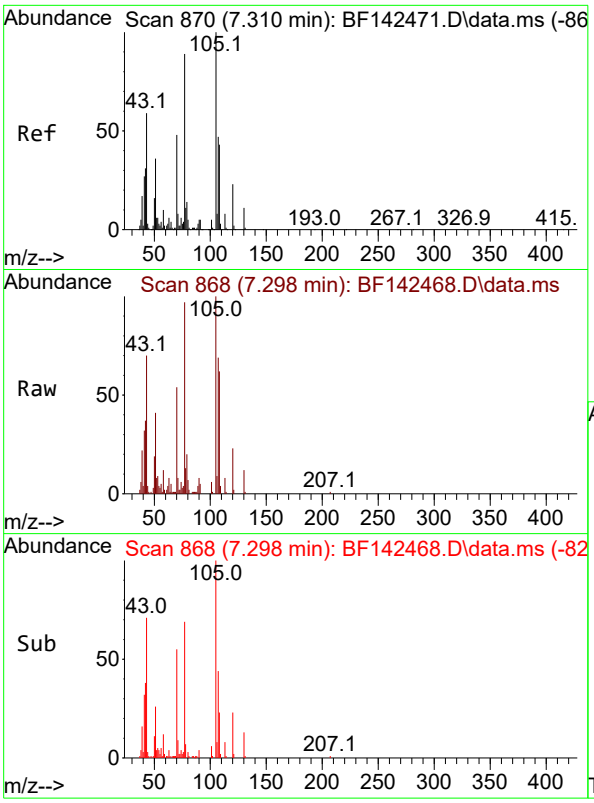


#18
Hexachloroethane
Concen: 5.255 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



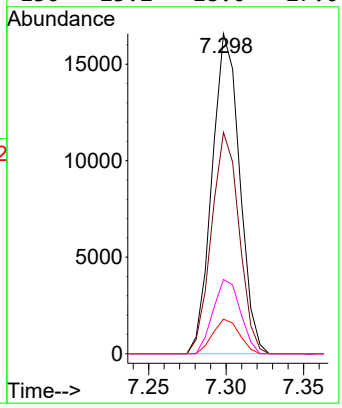


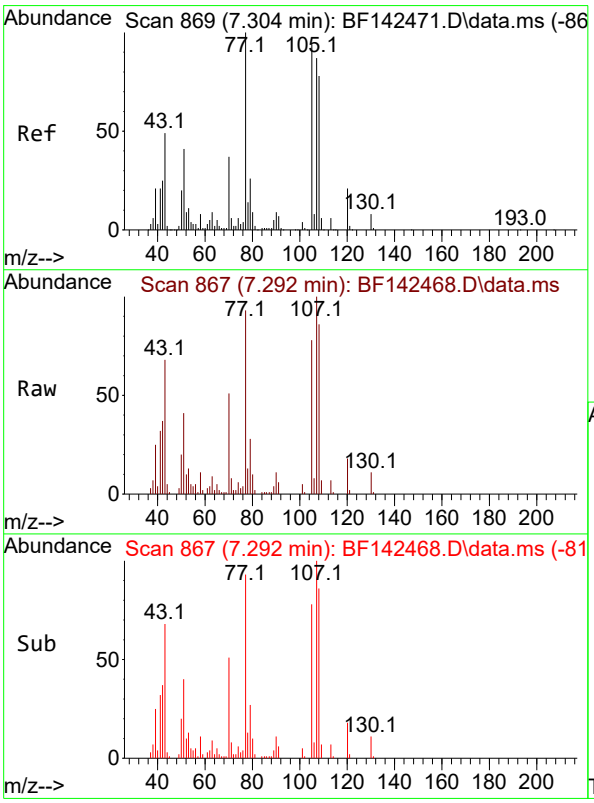
#19
n-Nitroso-di-n-propylamine
Concen: 5.313 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

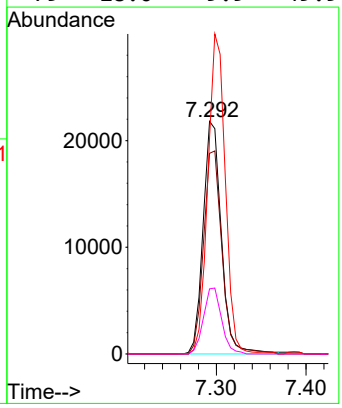


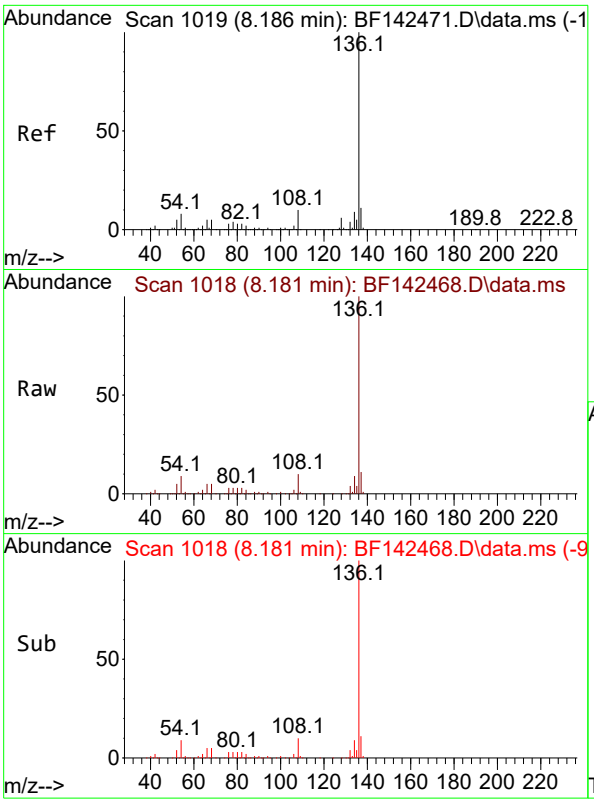


#20
3+4-Methylphenols
Concen: 5.460 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



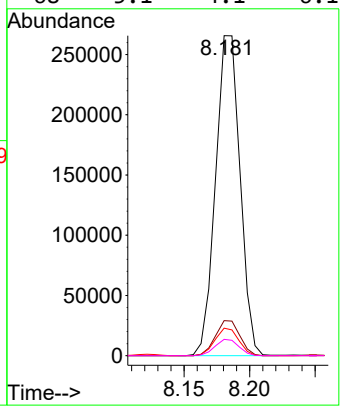


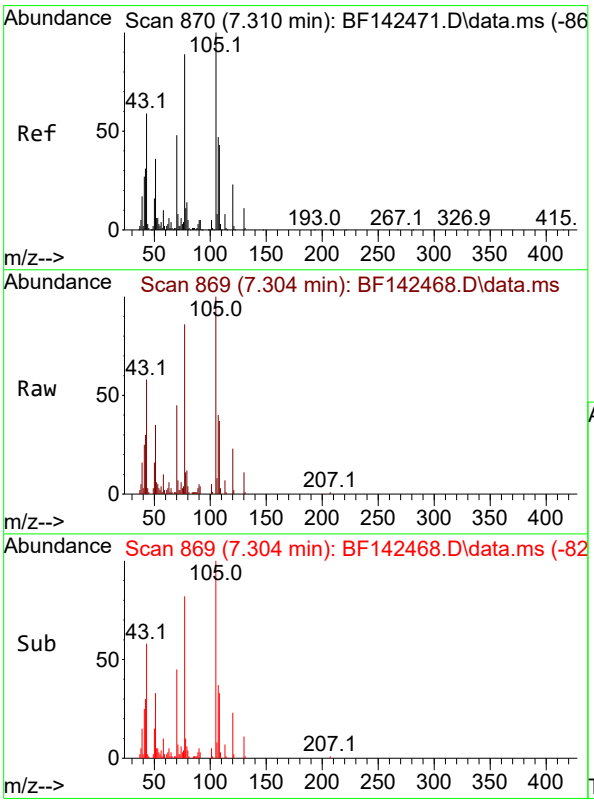
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

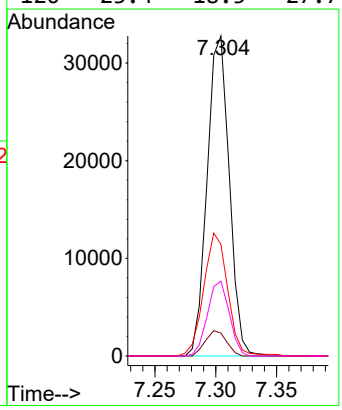


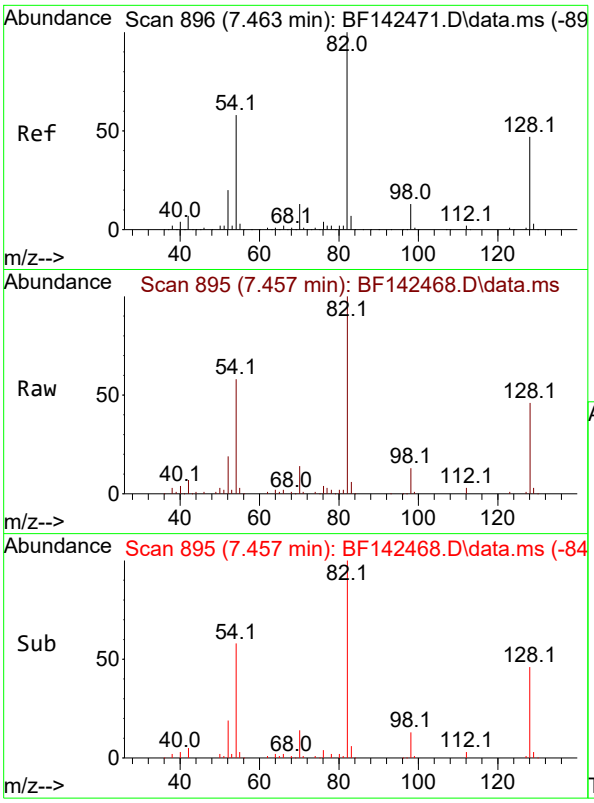


#22
Acetophenone
Concen: 5.423 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



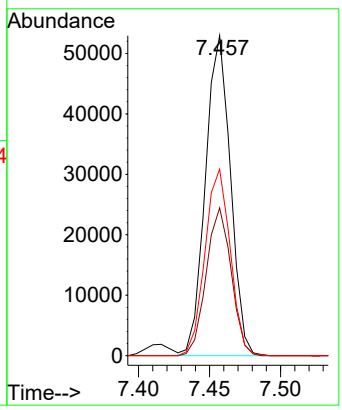


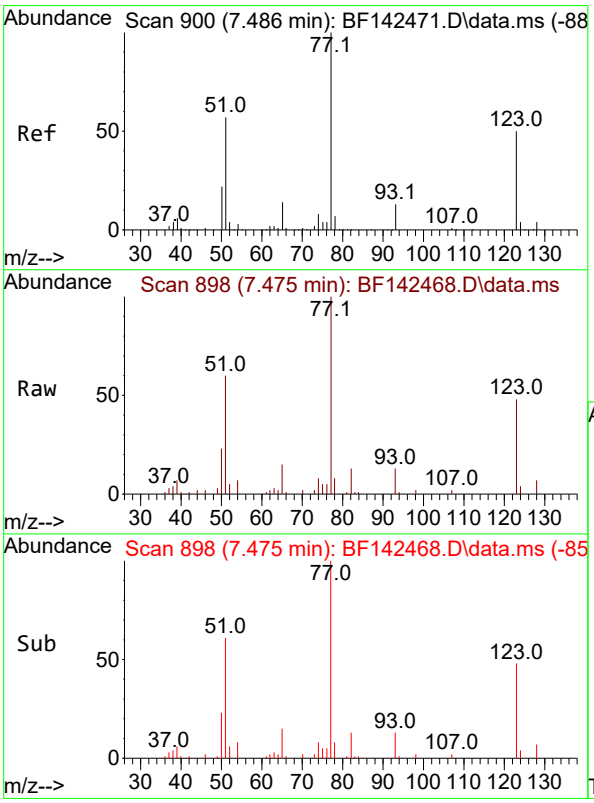
#23
Nitrobenzene-d5
Concen: 10.249 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

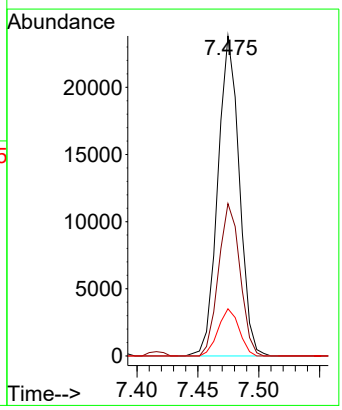


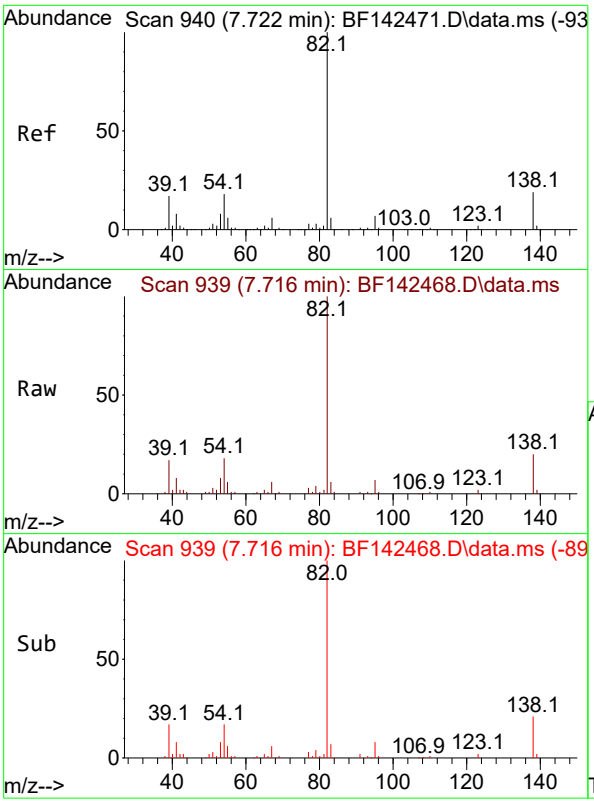


#24
Nitrobenzene
Concen: 5.114 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



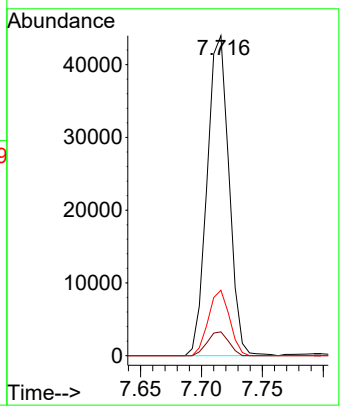


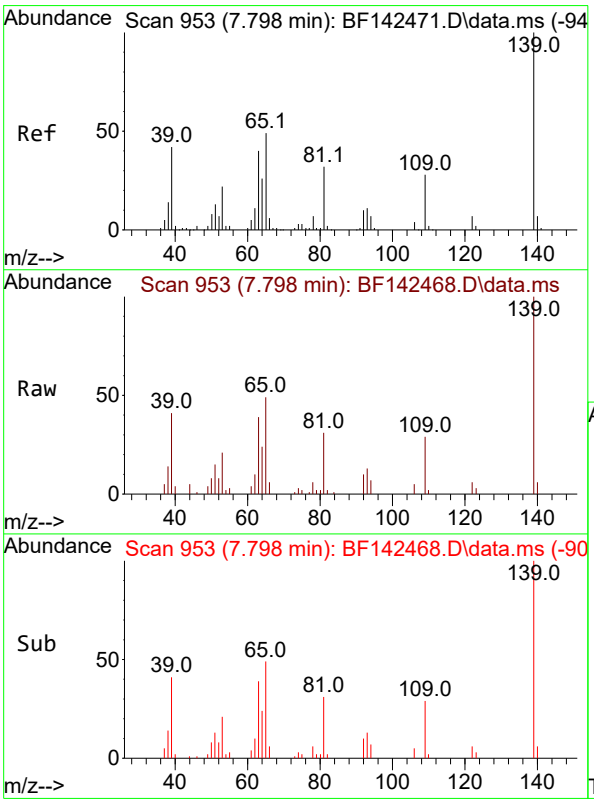
#25
Isophorone
Concen: 5.182 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

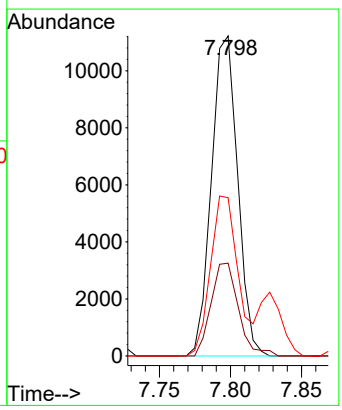


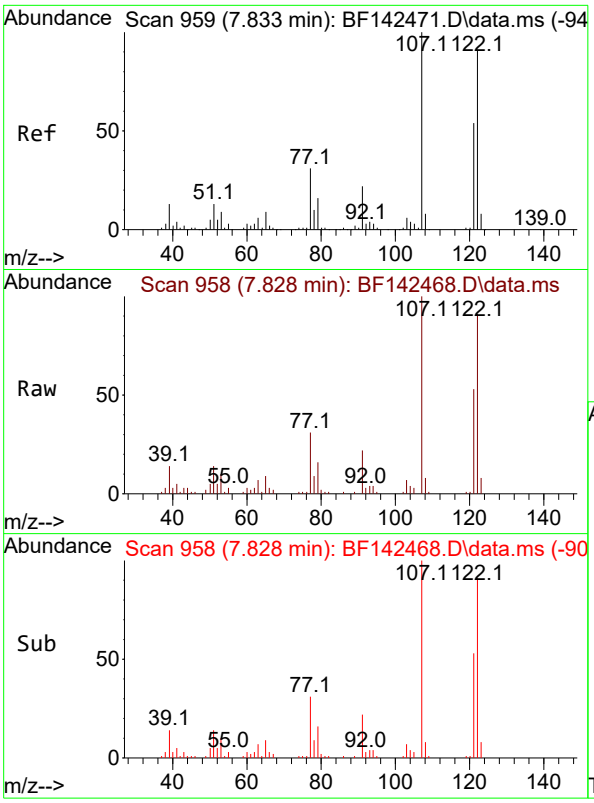


#26
2-Nitrophenol
Concen: 4.716 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



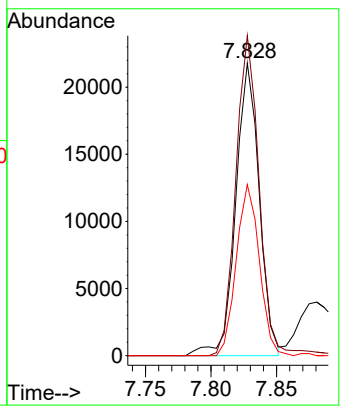


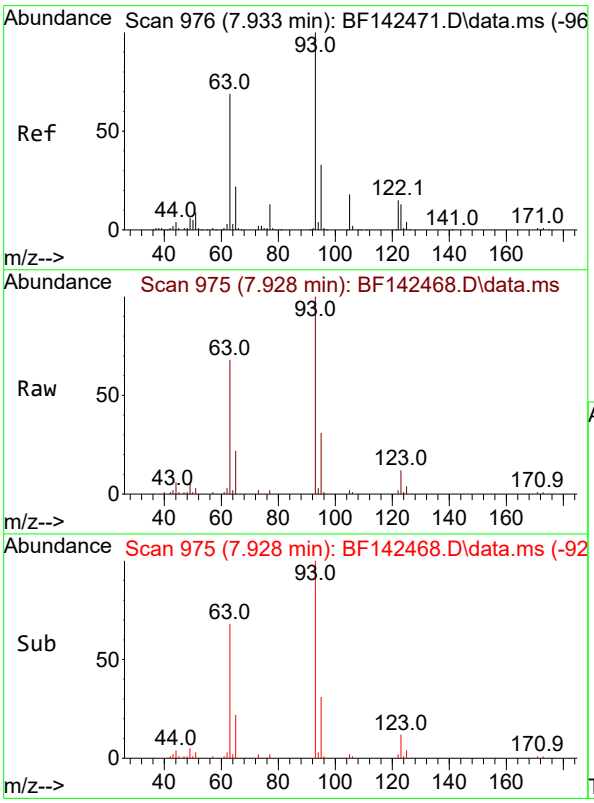
#27
2,4-Dimethylphenol
Concen: 5.051 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

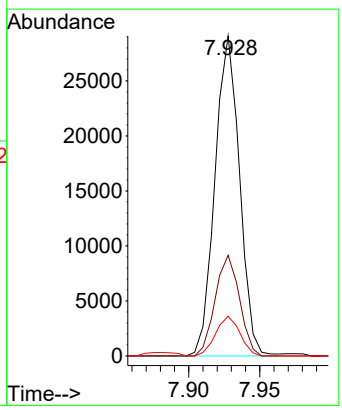


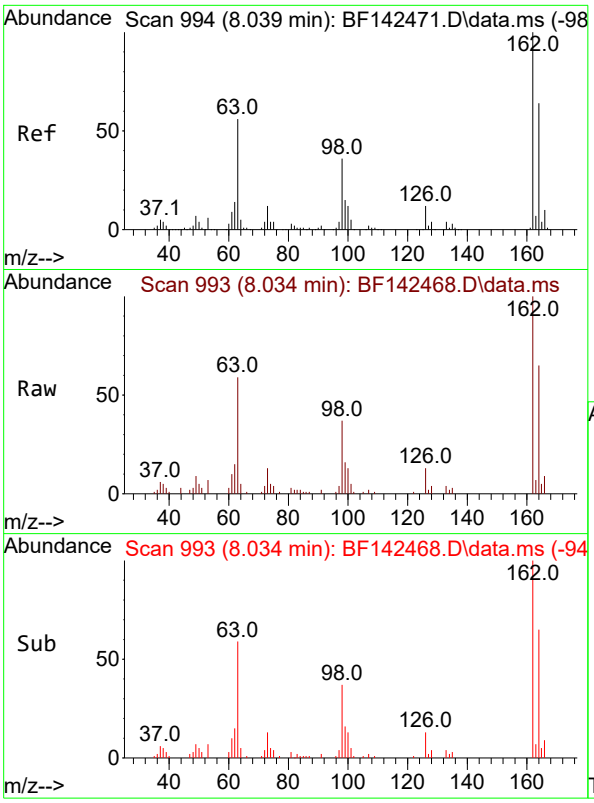


#28
bis(2-Chloroethoxy)methane
Concen: 5.296 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



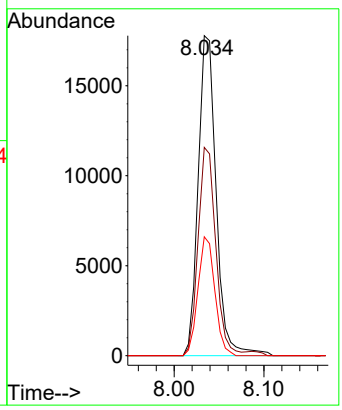


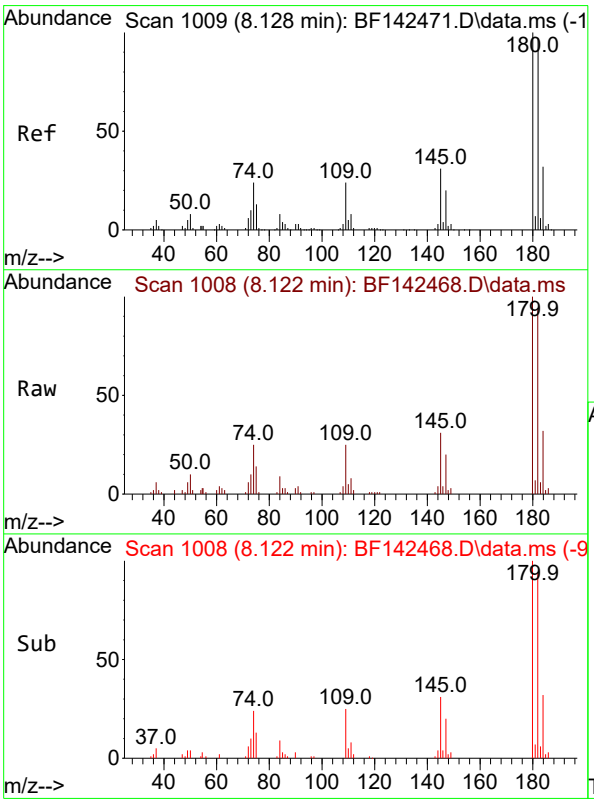
#29
2,4-Dichlorophenol
Concen: 5.072 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

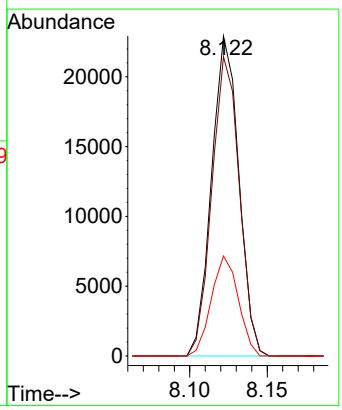


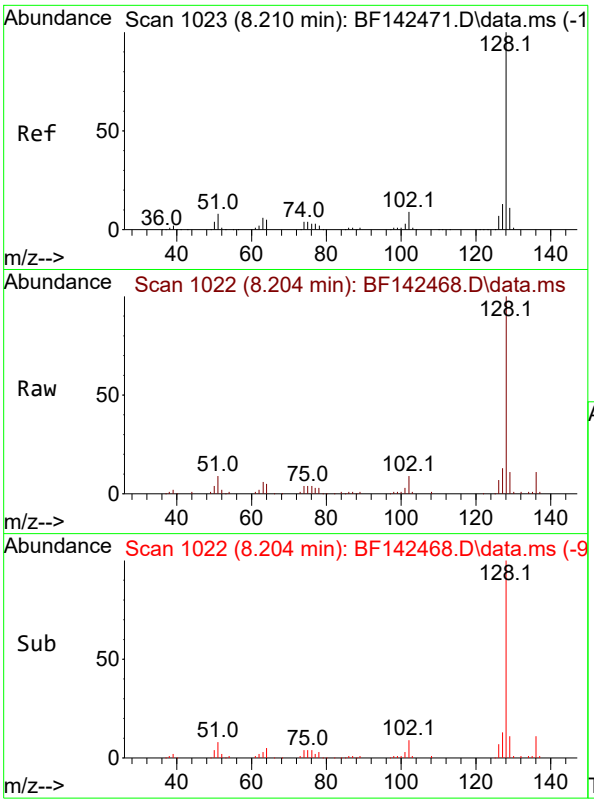


#30
1,2,4-Trichlorobenzene
Concen: 5.281 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



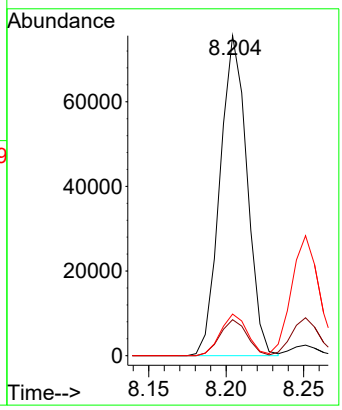


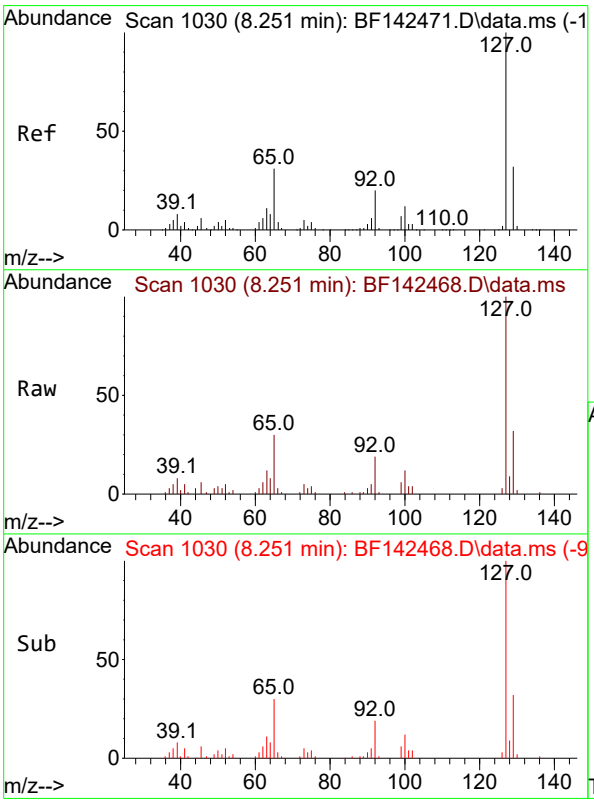
#31
Naphthalene
Concen: 5.388 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

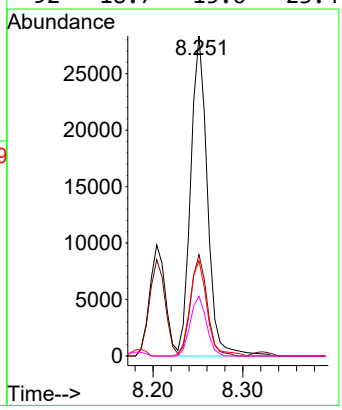


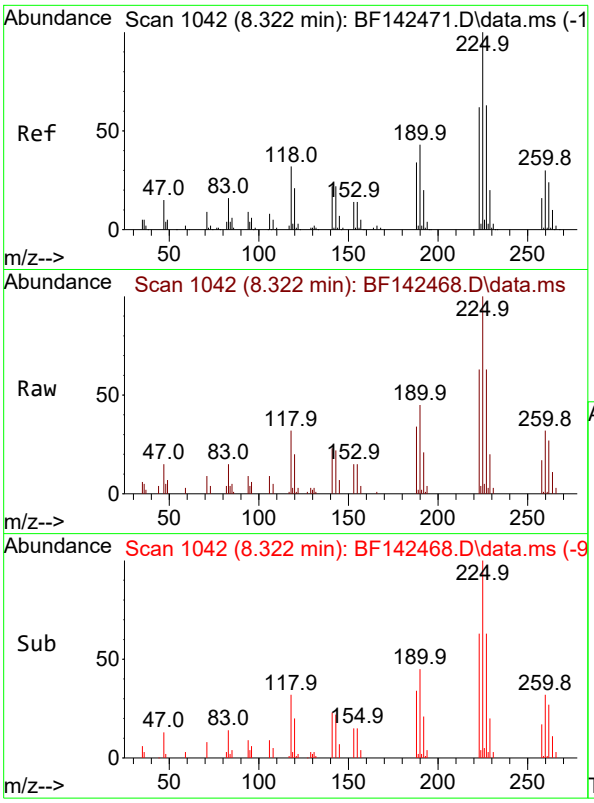


#33
4-Chloroaniline
Concen: 5.314 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



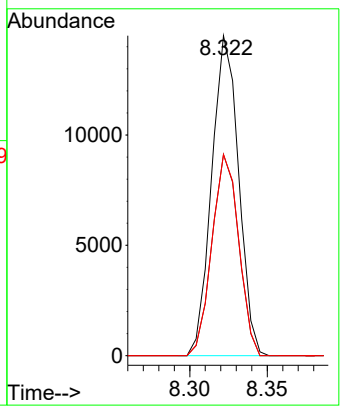


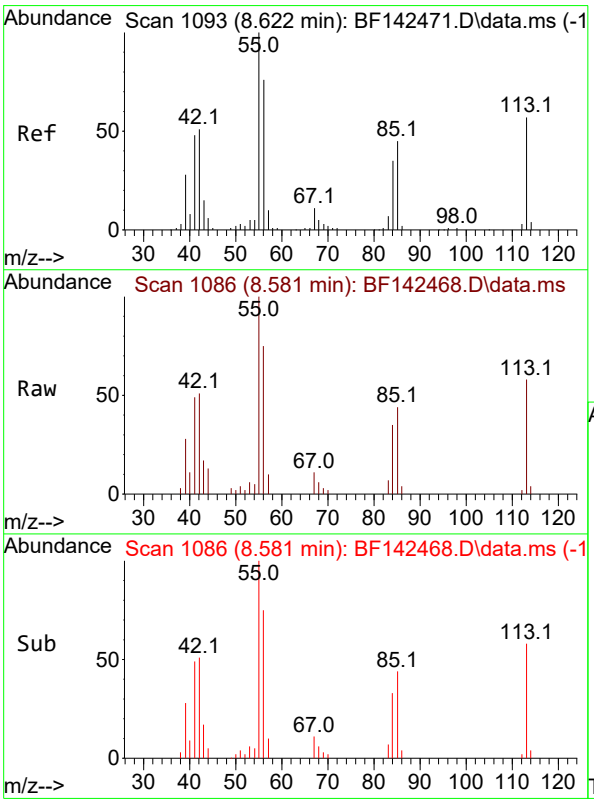
#34
Hexachlorobutadiene
Concen: 5.280 ng
RT: 8.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

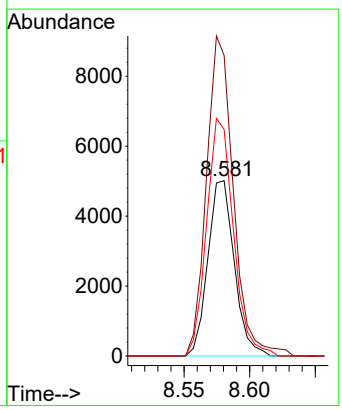


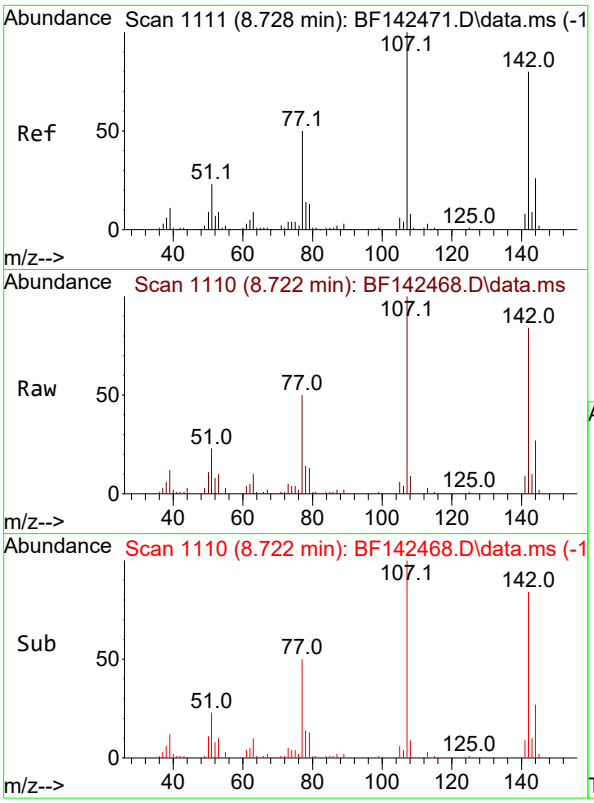


#35
Caprolactam
Concen: 5.109 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.065 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



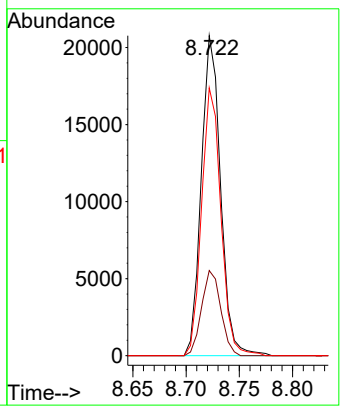


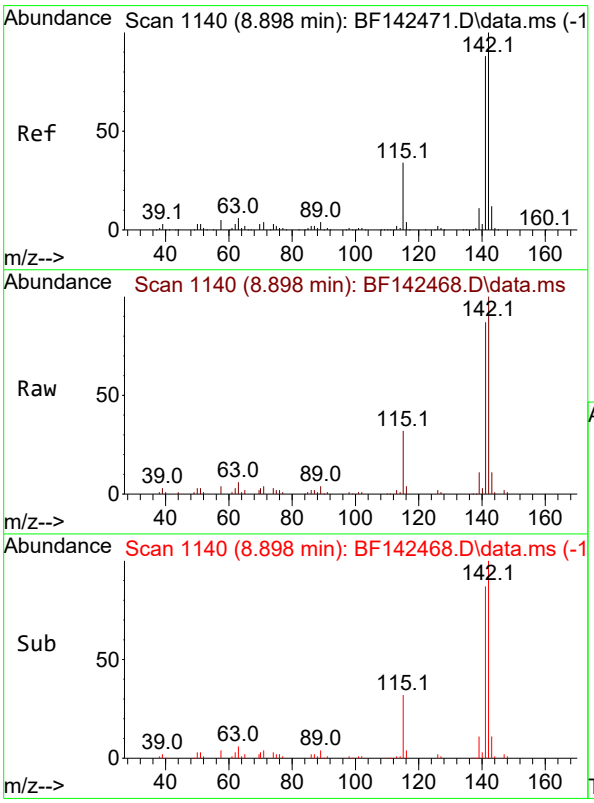
#36
4-Chloro-3-methylphenol
Concen: 5.225 ng
RT: 8.722 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

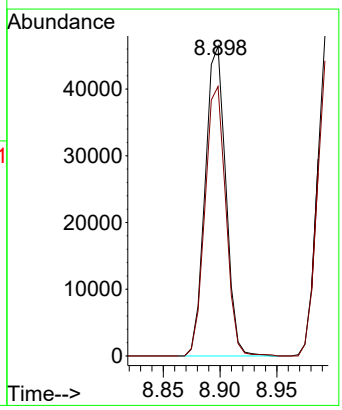


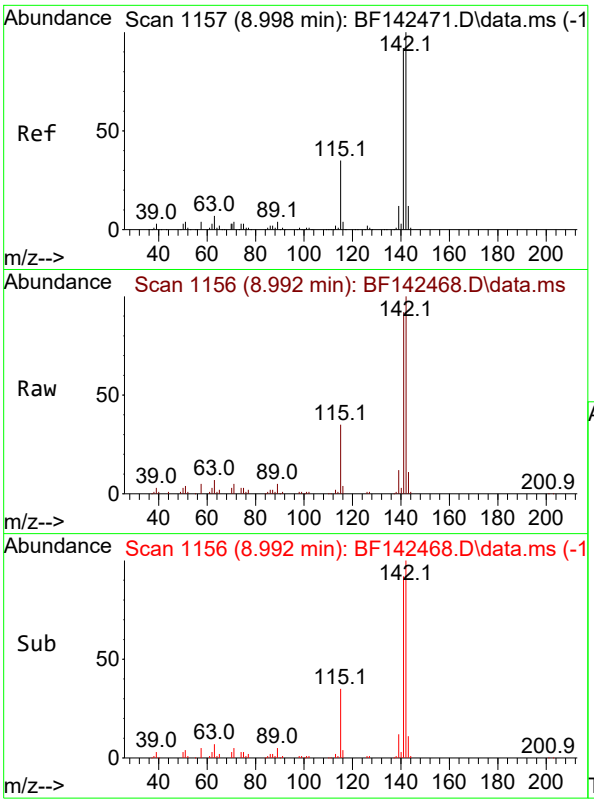


#37
2-Methylnaphthalene
Concen: 5.478 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:142 Resp: 58574

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1



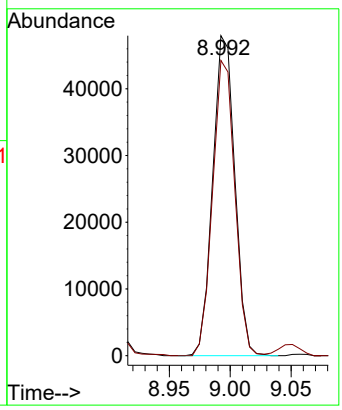


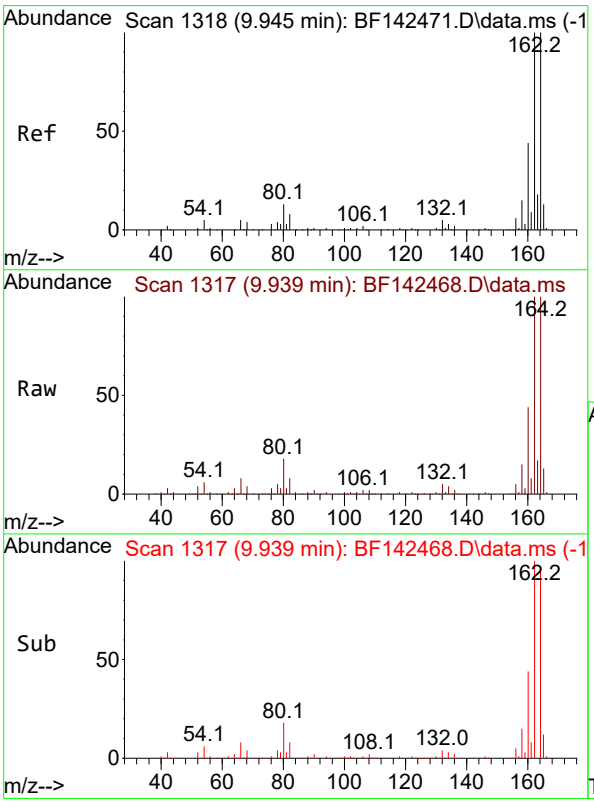
#38
1-Methylnaphthalene
Concen: 5.486 ng
RT: 8.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 60674

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2

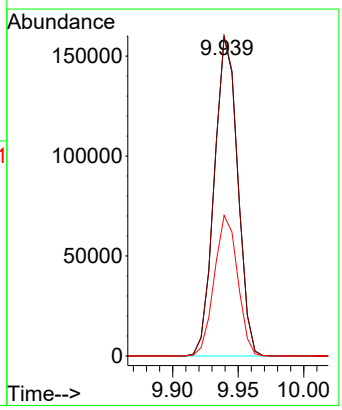


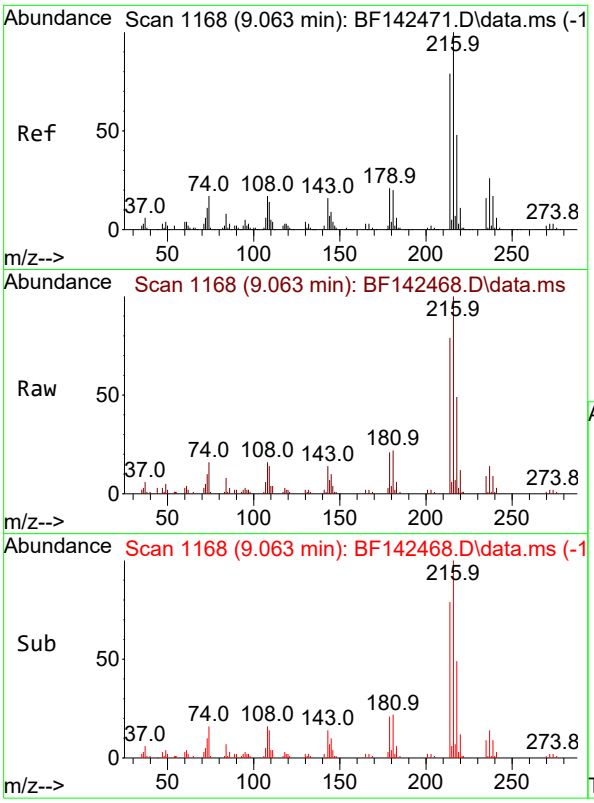


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



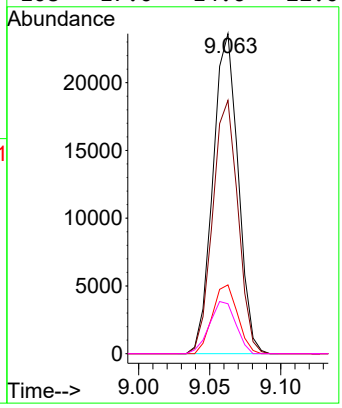


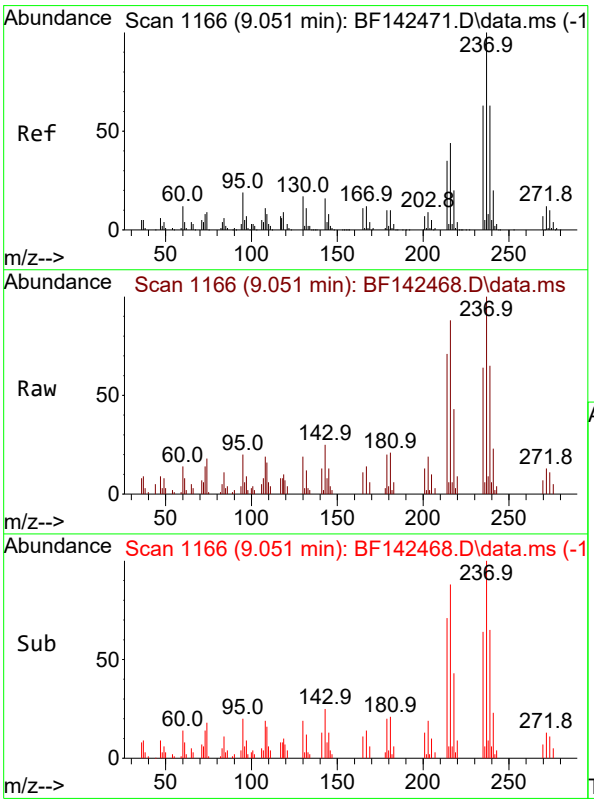
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.152 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

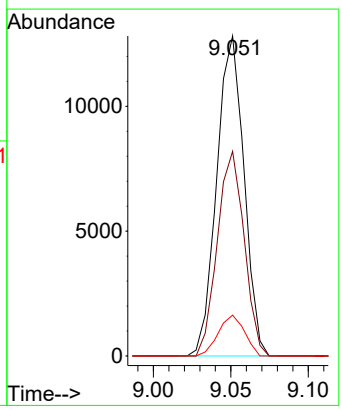


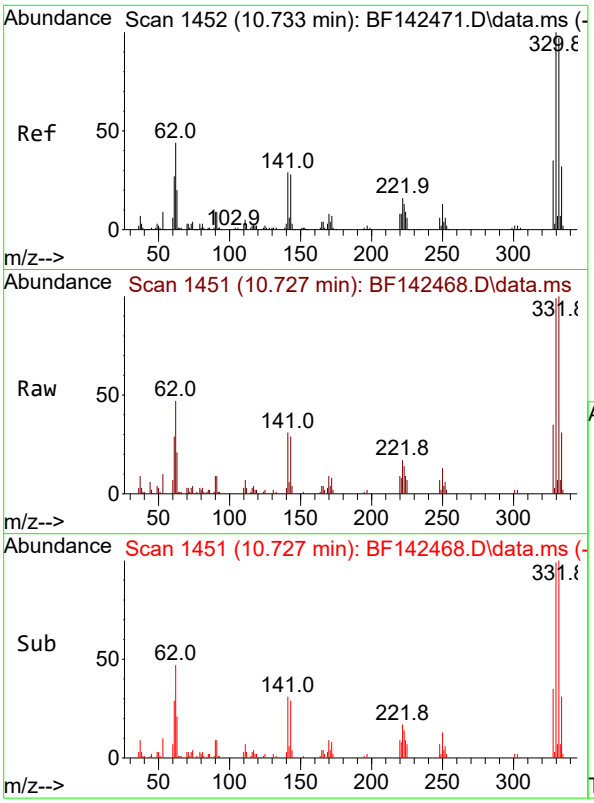


#41
Hexachlorocyclopentadiene
Concen: 4.105 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



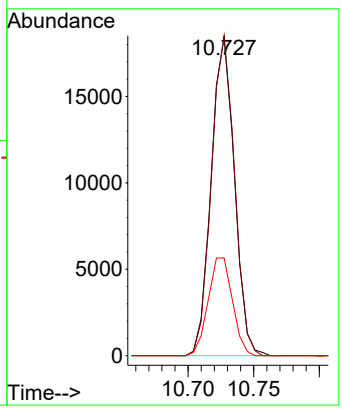


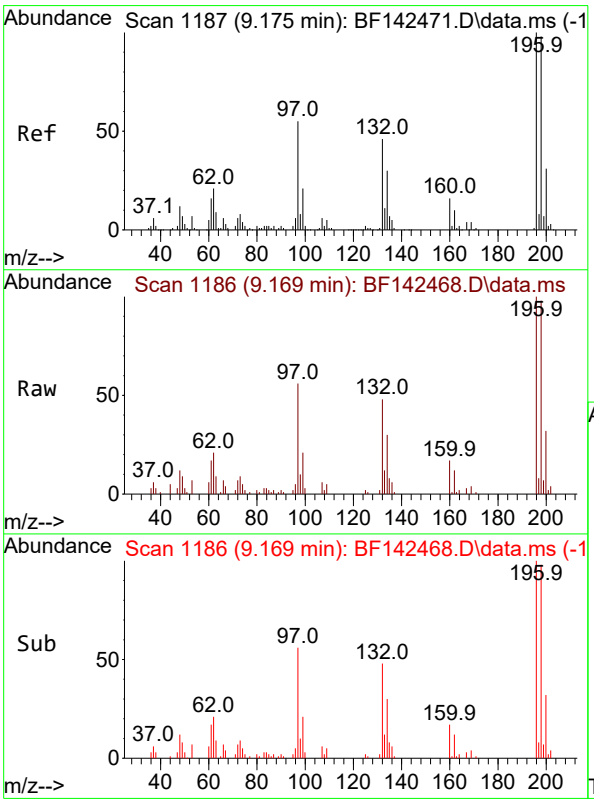
#42
2,4,6-Tribromophenol
Concen: 10.378 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

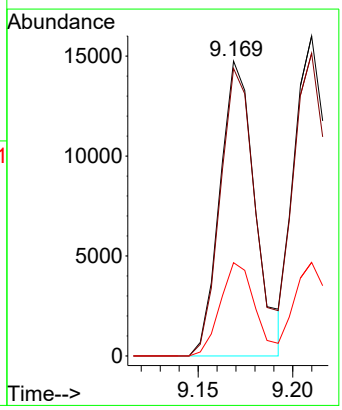


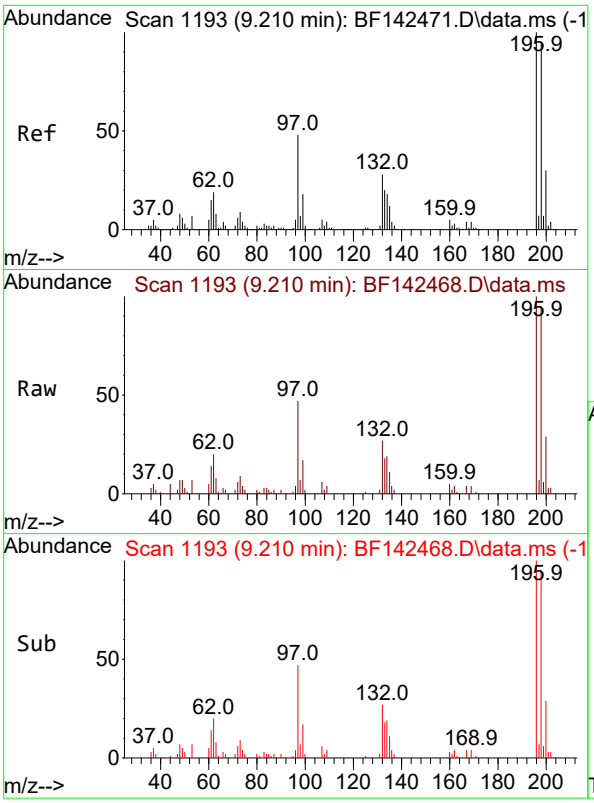


#43
2,4,6-Trichlorophenol
Concen: 5.001 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



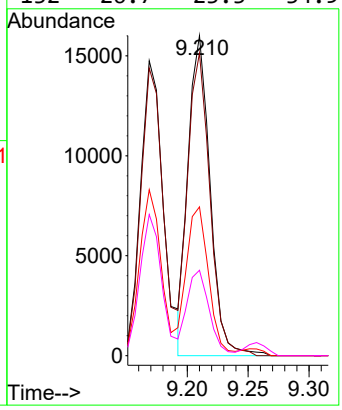


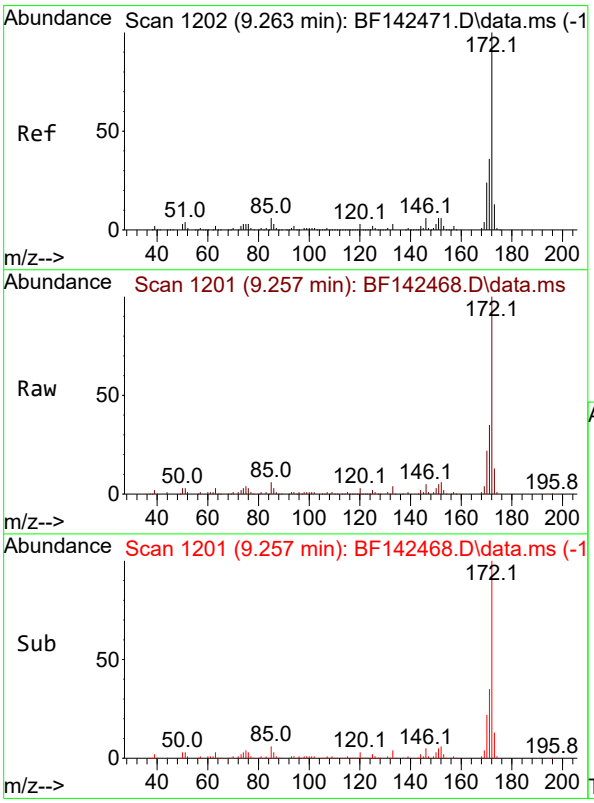
#44
2,4,5-Trichlorophenol
Concen: 5.020 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

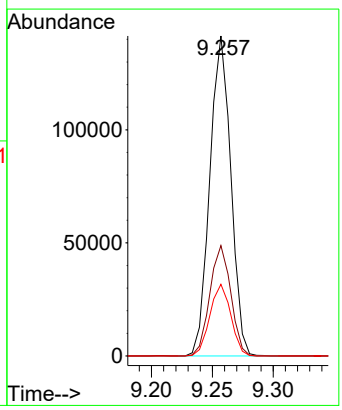


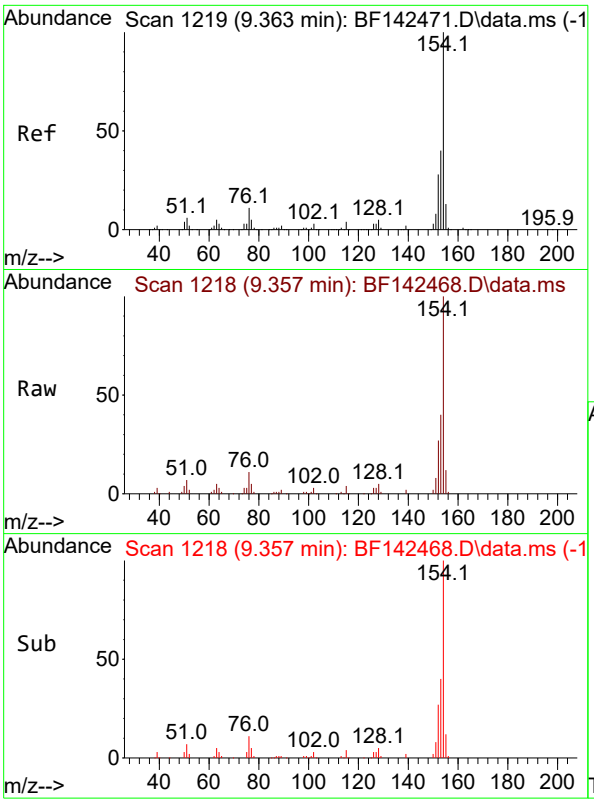


#45
2-Fluorobiphenyl
Concen: 11.583 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



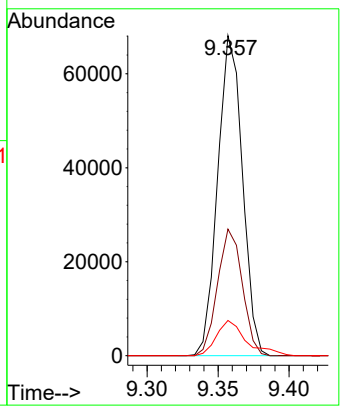


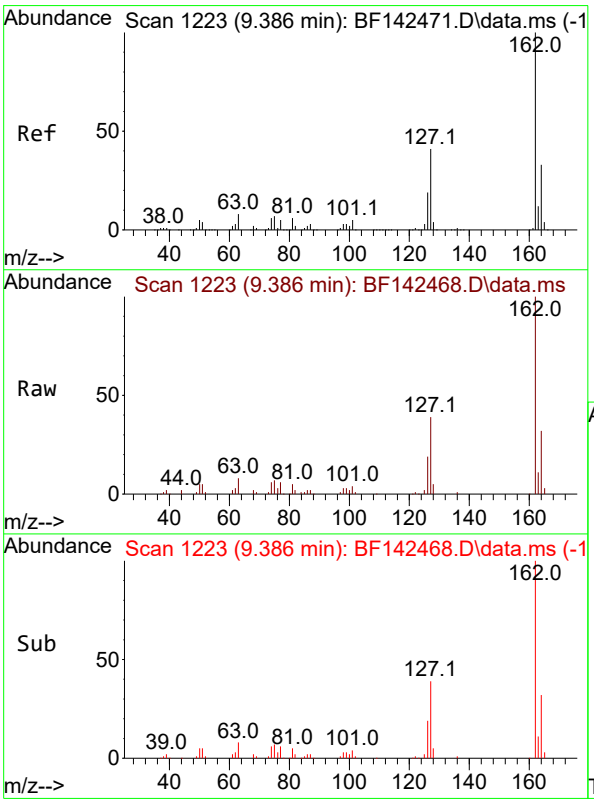
#46
1,1'-Biphenyl
Concen: 5.387 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

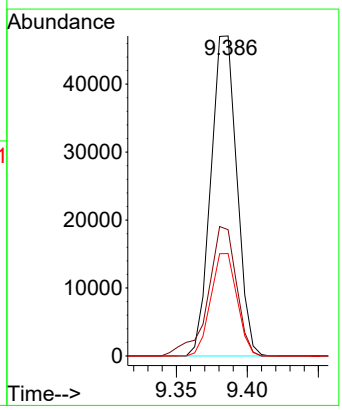


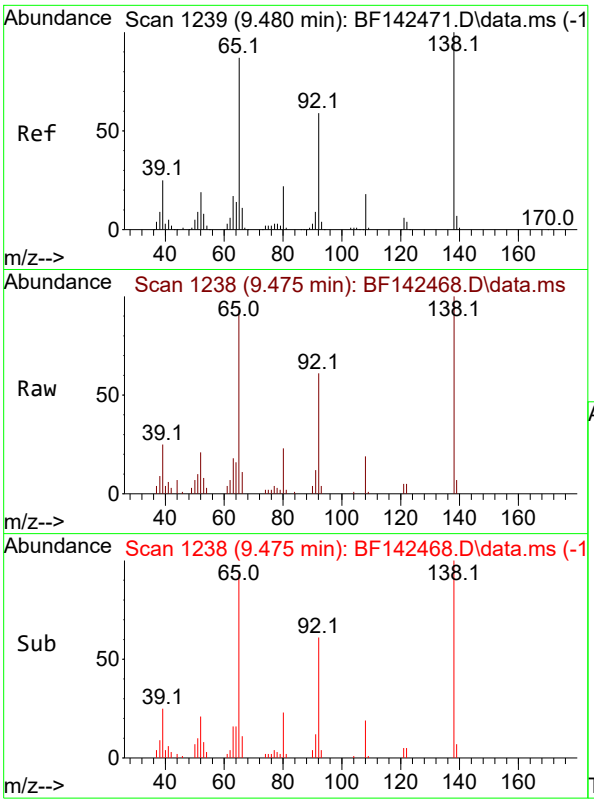


#47
2-Chloronaphthalene
Concen: 5.311 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



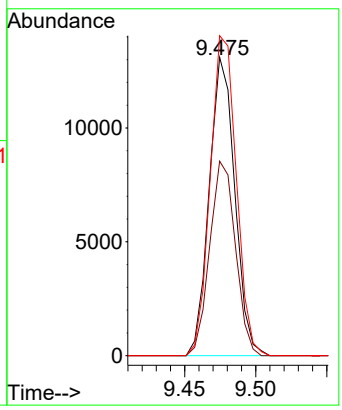


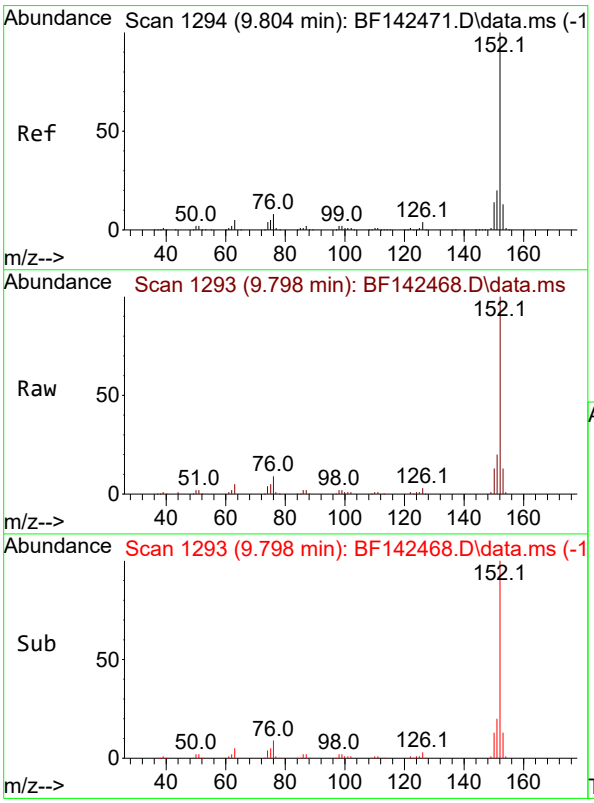
#48
2-Nitroaniline
Concen: 5.022 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

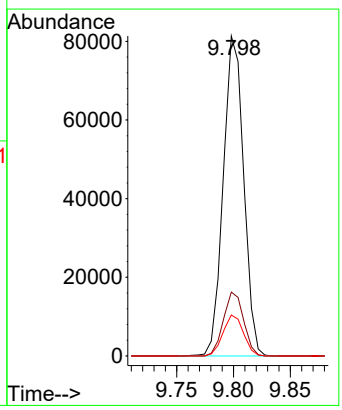


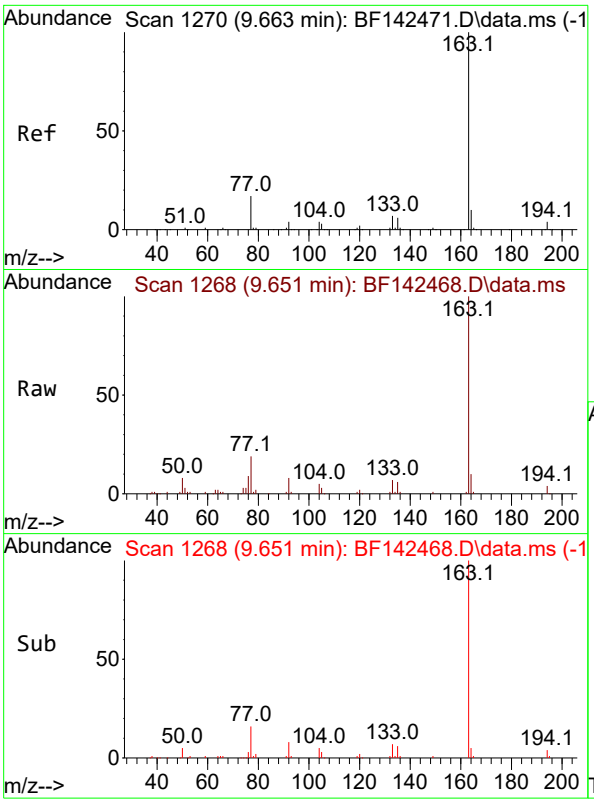


#49
Acenaphthylene
Concen: 5.330 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



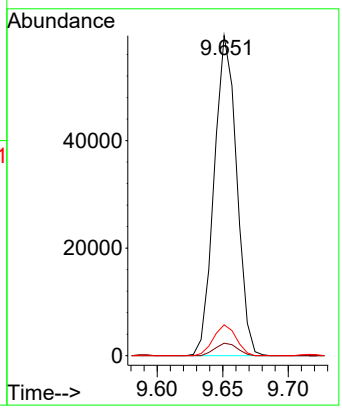


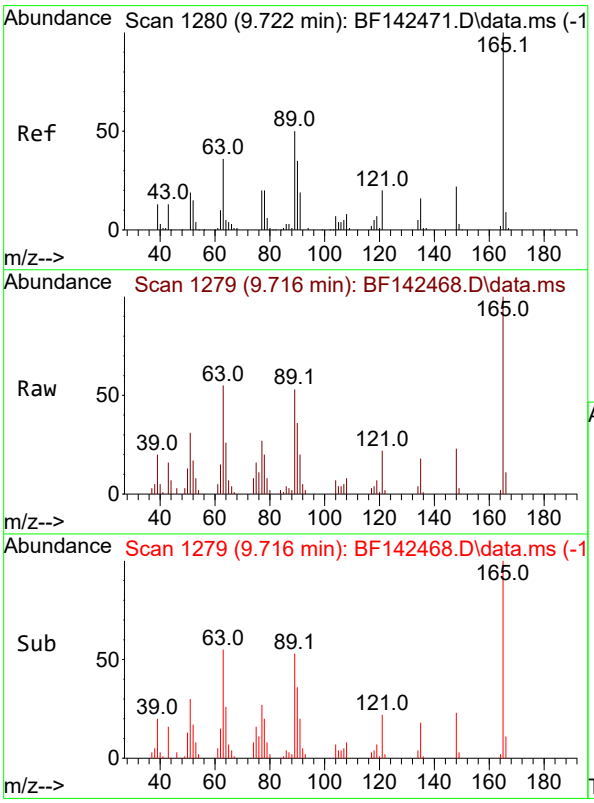
#50
Dimethylphthalate
Concen: 5.461 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

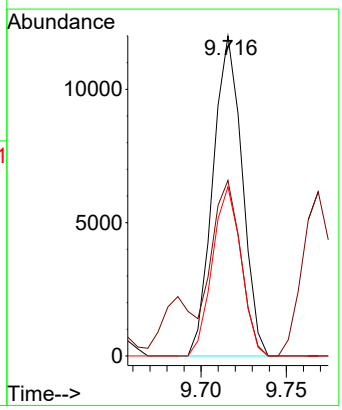


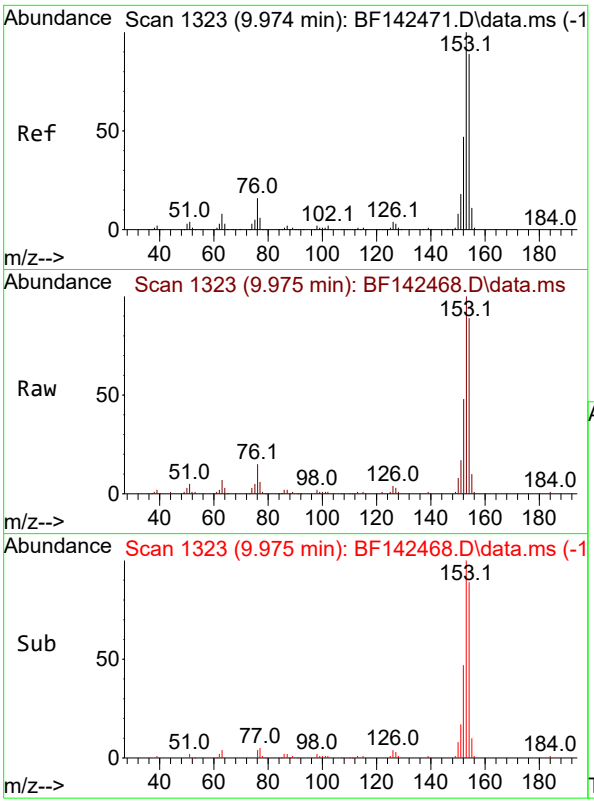


#51
2,6-Dinitrotoluene
Concen: 5.093 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



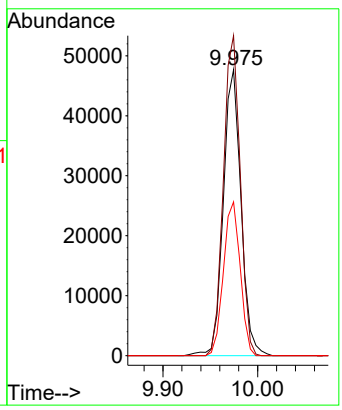


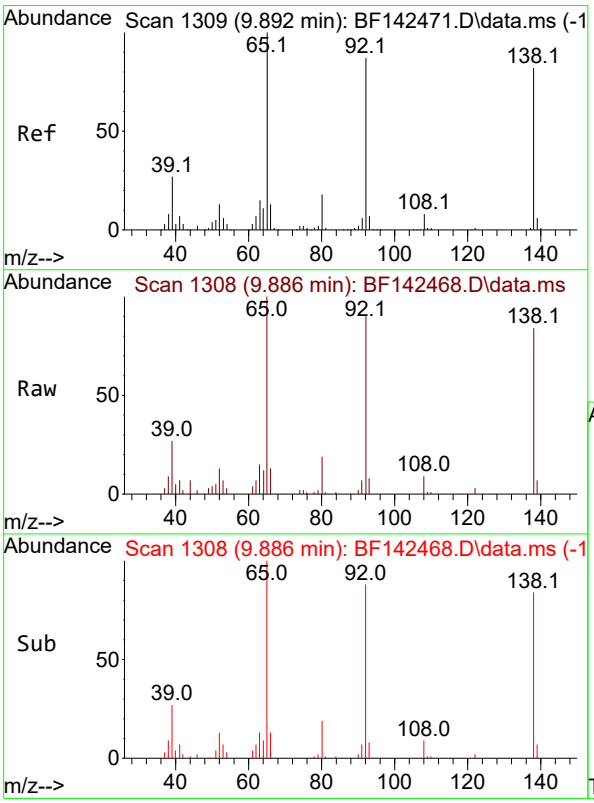
#52
Acenaphthene
Concen: 5.325 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

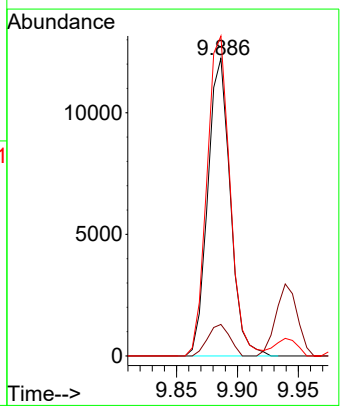


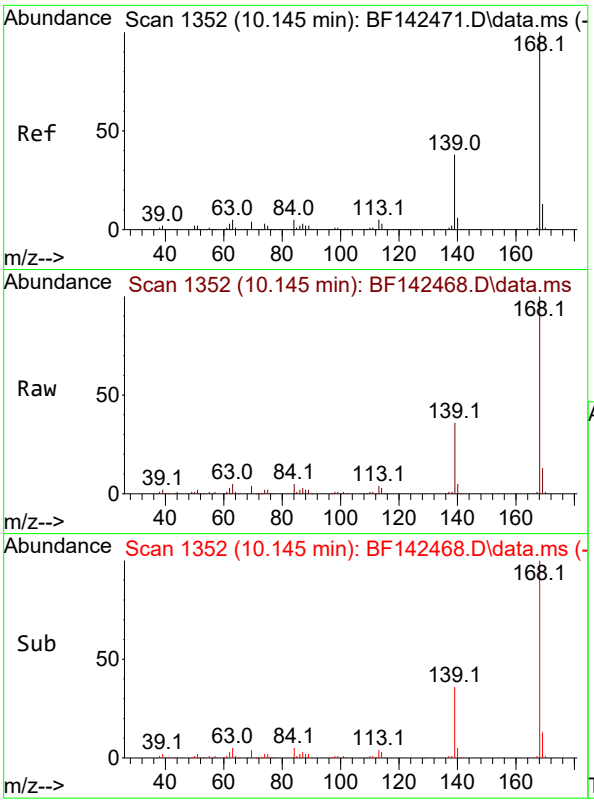


#53
3-Nitroaniline
Concen: 5.137 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



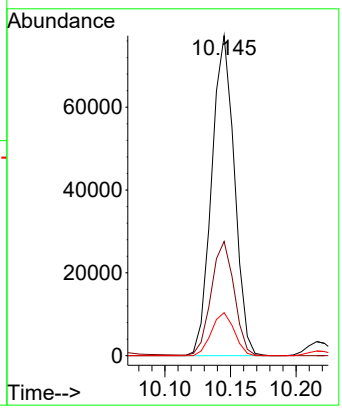


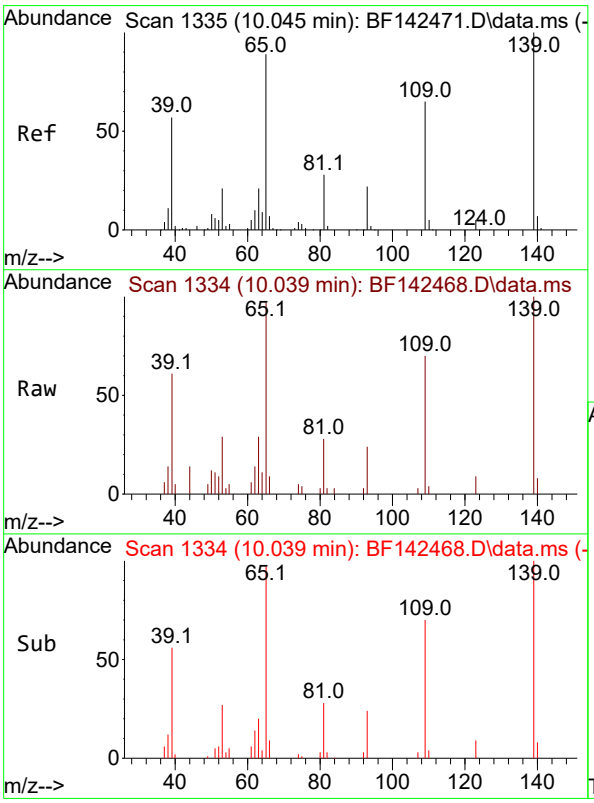
#55
Dibenzofuran
Concen: 5.545 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

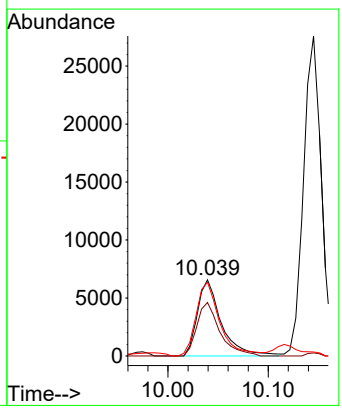


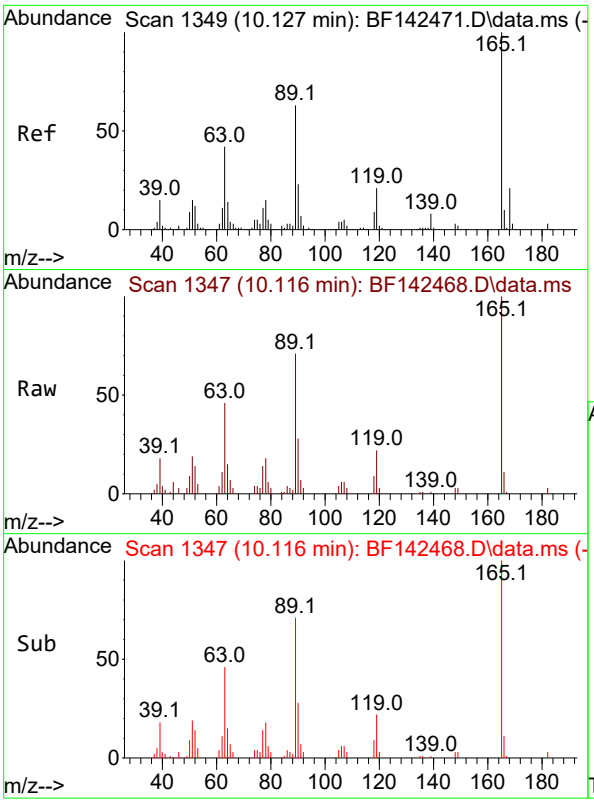


#56
4-Nitrophenol
Concen: 4.808 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



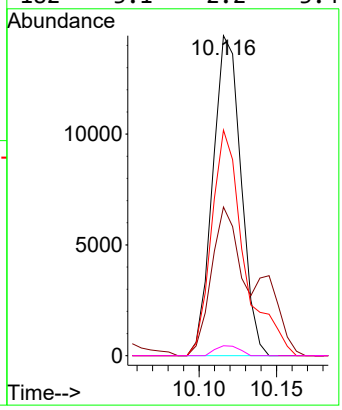


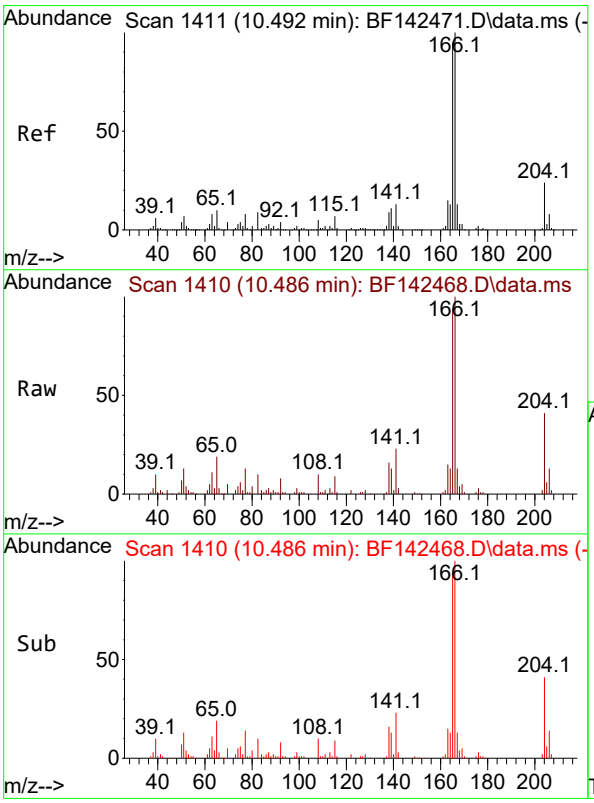
#57
2,4-Dinitrotoluene
Concen: 4.998 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

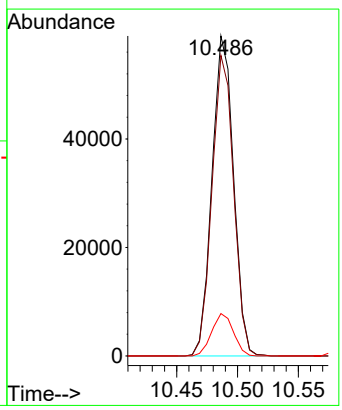


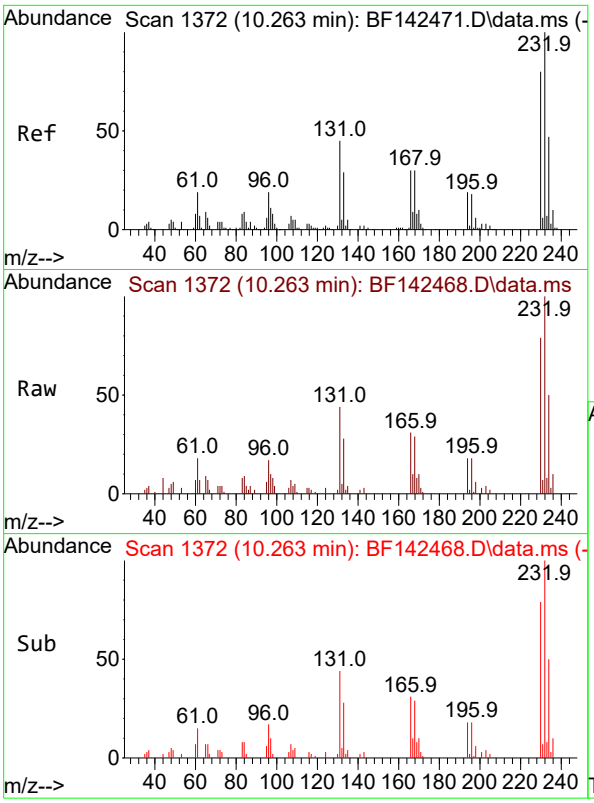


#58
Fluorene
Concen: 5.620 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



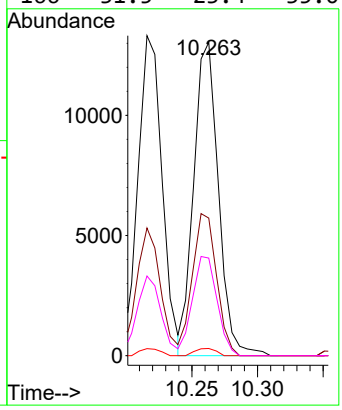


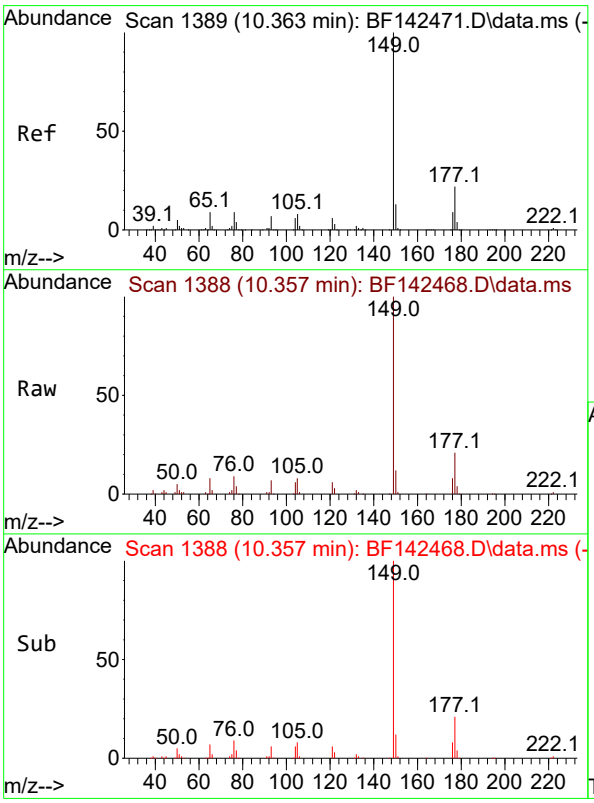
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

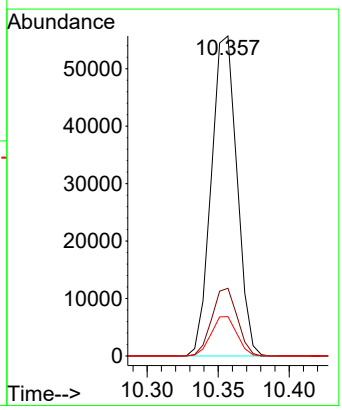


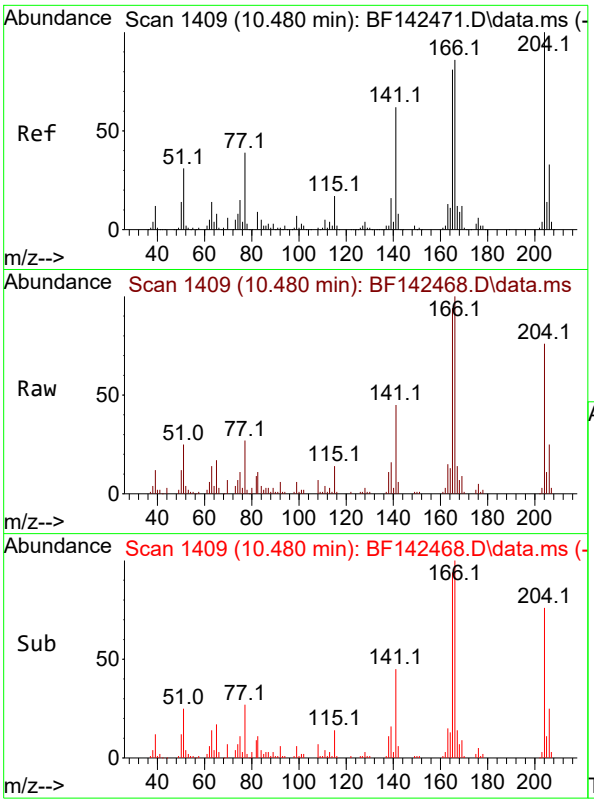


#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



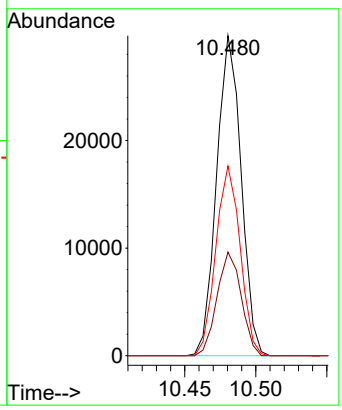


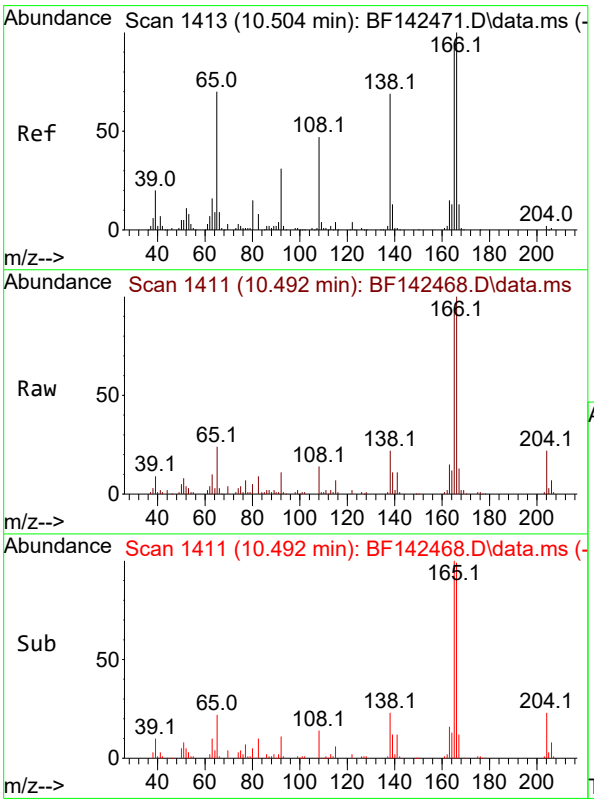
#61
4-Chlorophenyl-phenylether
Concen: 5.611 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

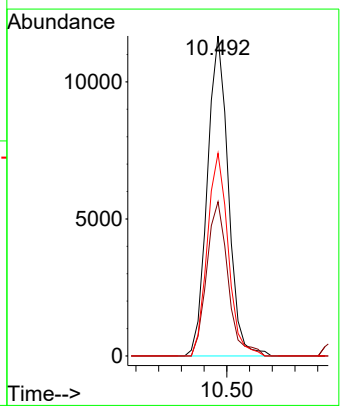


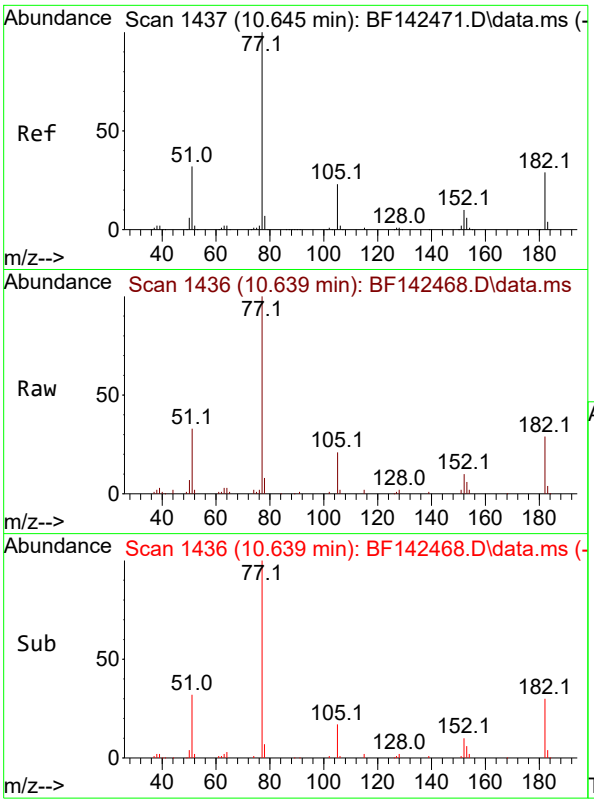


#62
4-Nitroaniline
Concen: 5.366 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



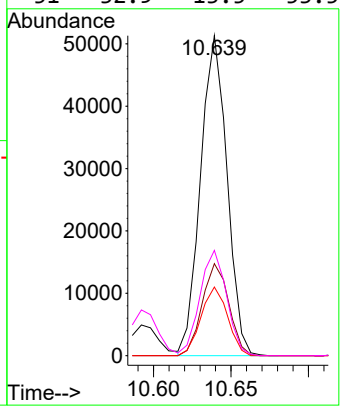


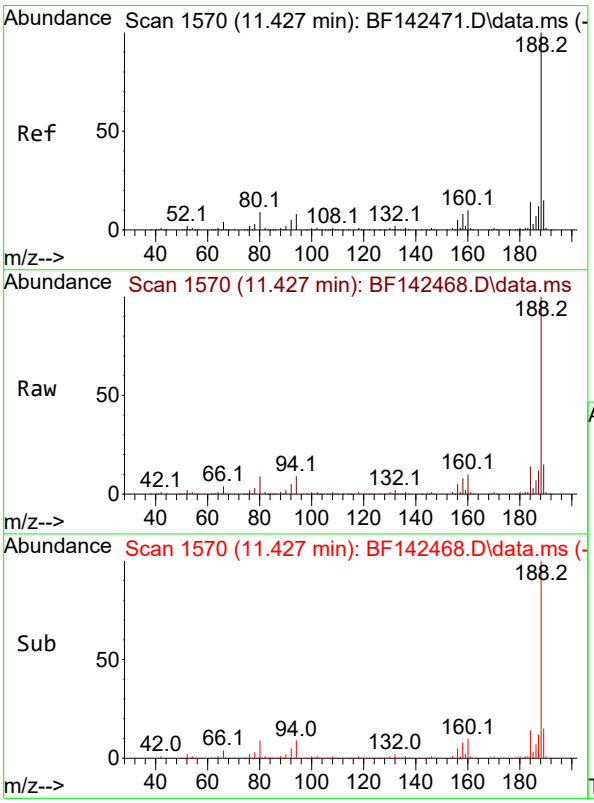
#63
Azobenzene
Concen: 5.351 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

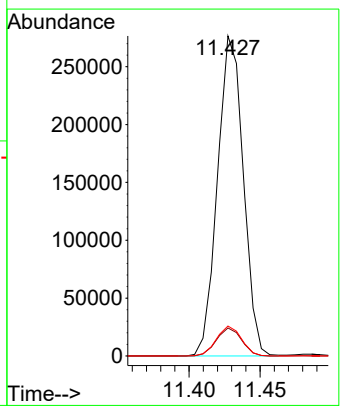


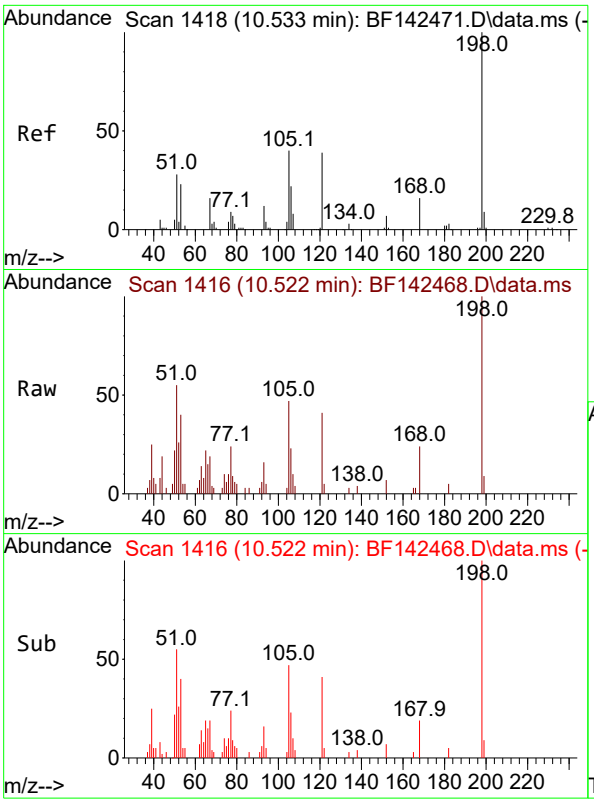


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



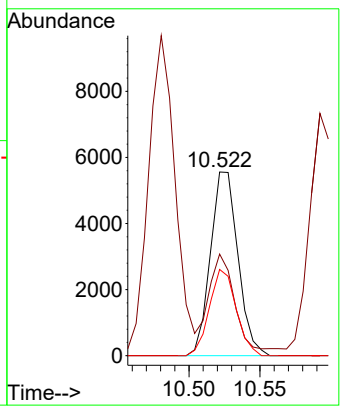


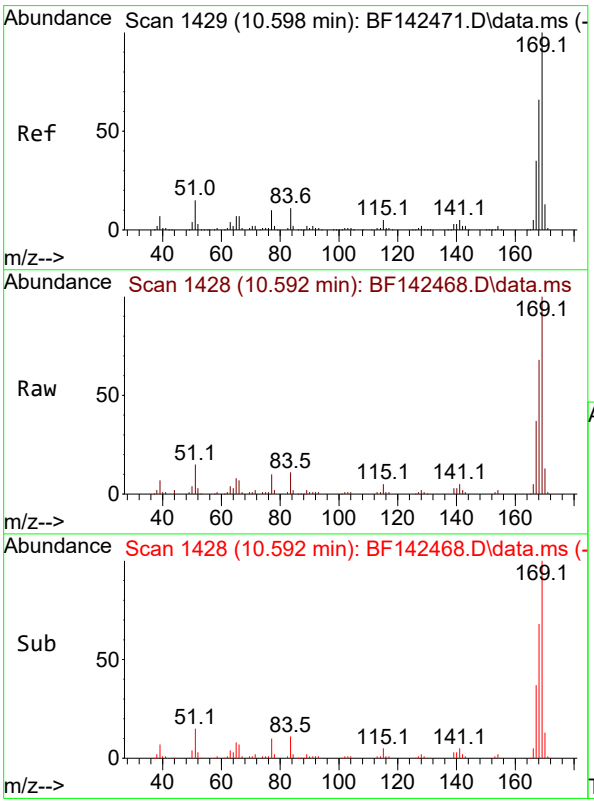
#65
4,6-Dinitro-2-methylphenol
Concen: 3.833 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

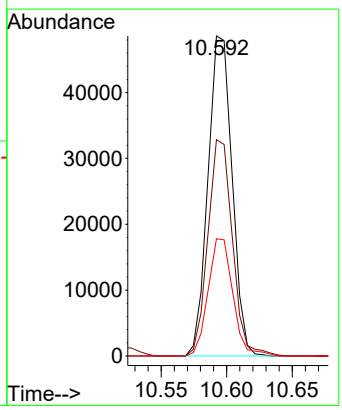


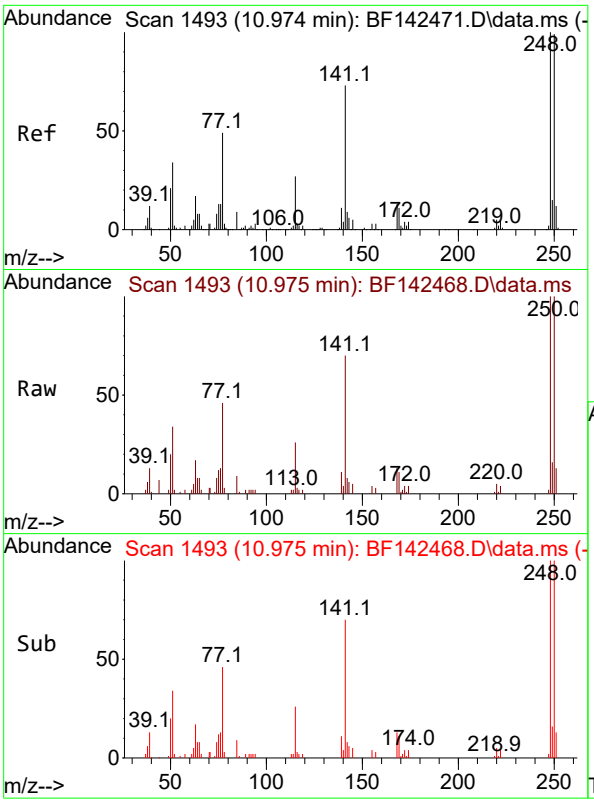


#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



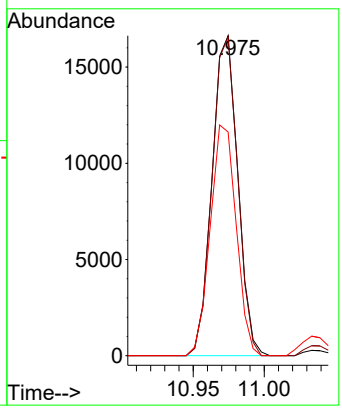


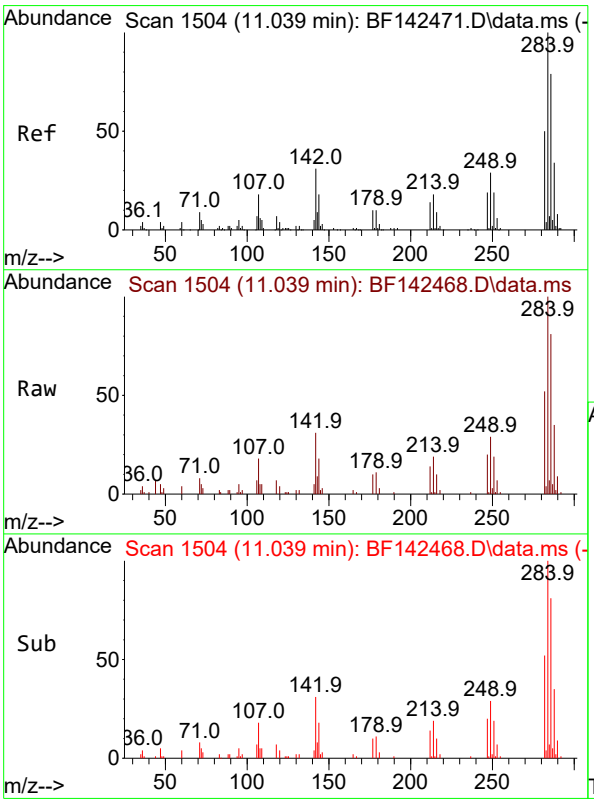
#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

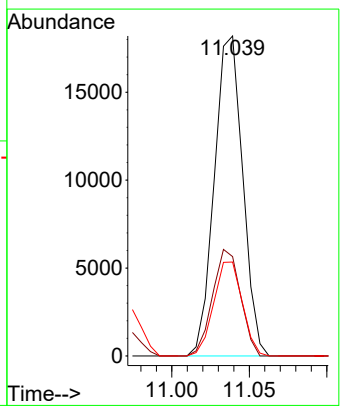


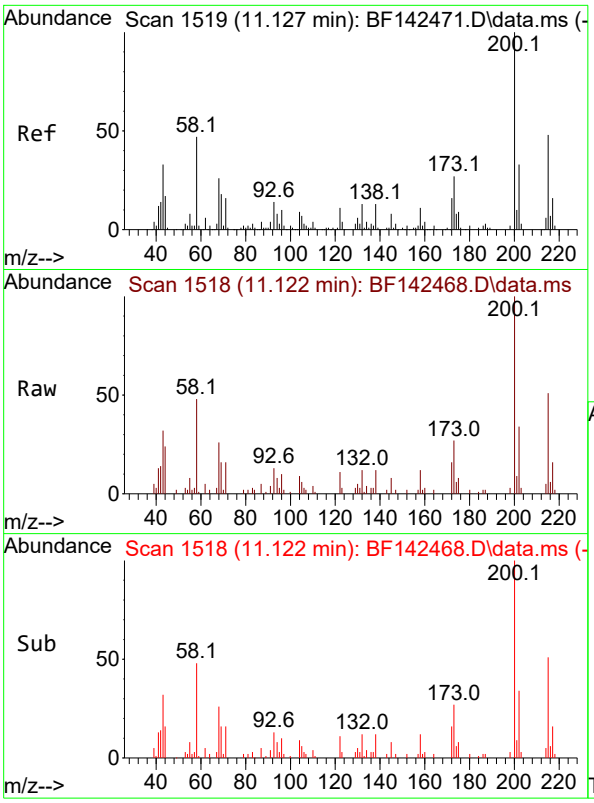


#68
Hexachlorobenzene
Concen: 5.067 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



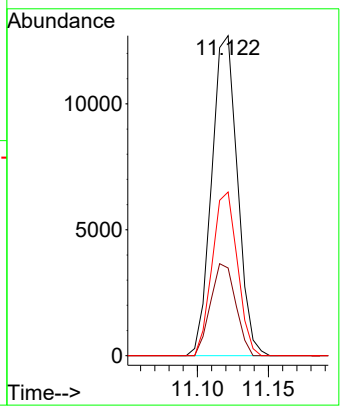


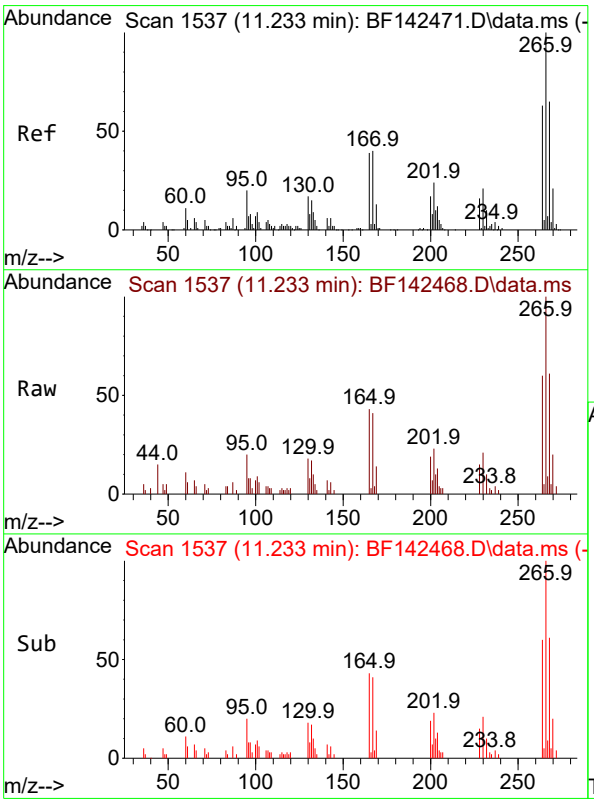
#69
Atrazine
Concen: 5.053 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

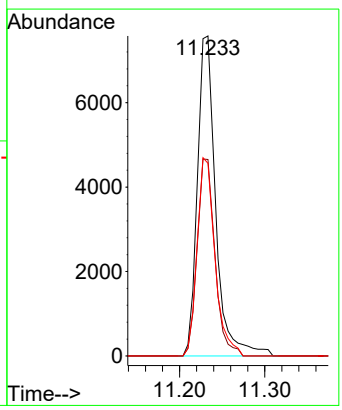


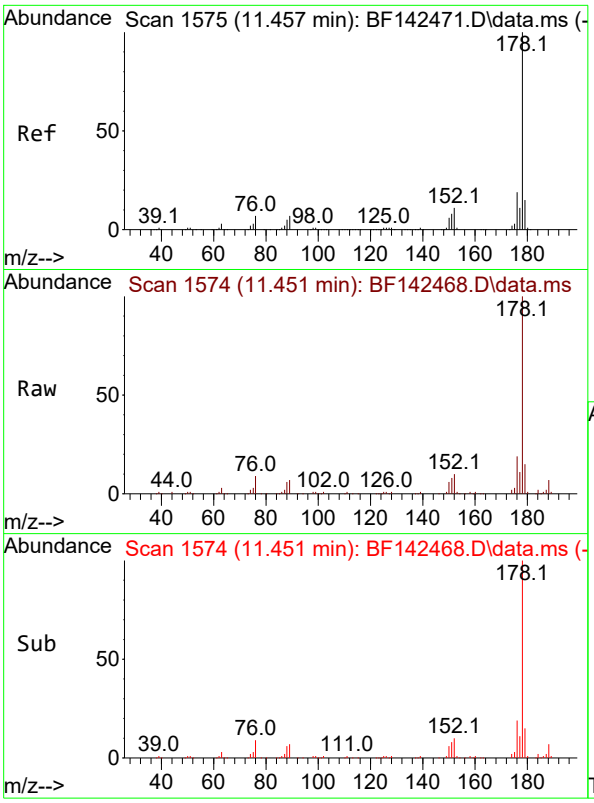


#70
Pentachlorophenol
Concen: 4.401 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



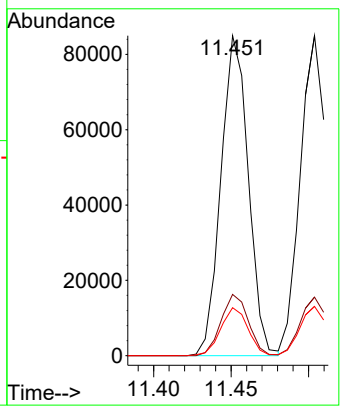


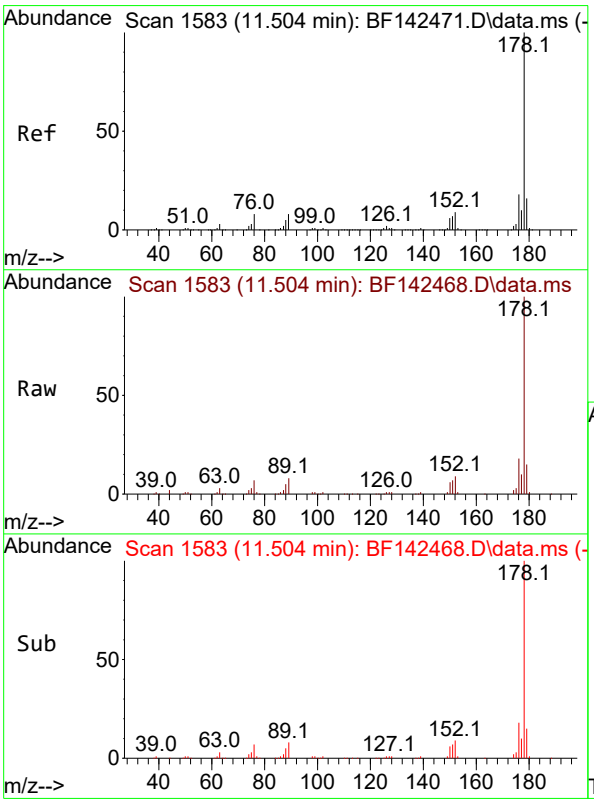
#71
Phenanthrene
Concen: 5.594 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

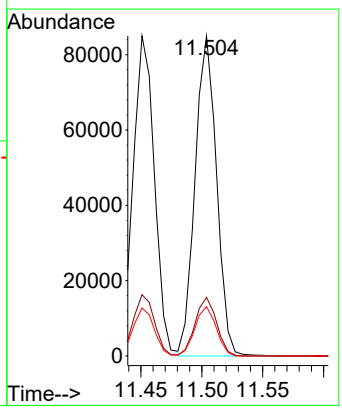


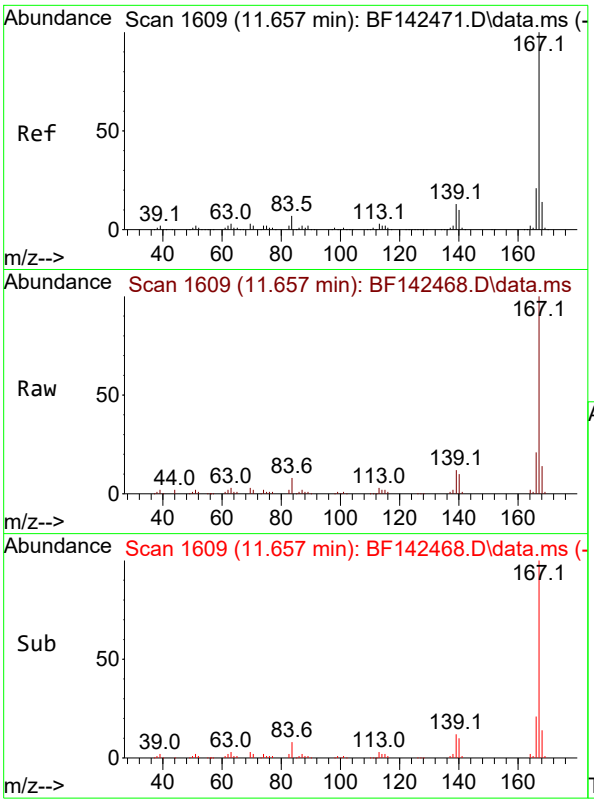


#72
Anthracene
Concen: 5.457 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



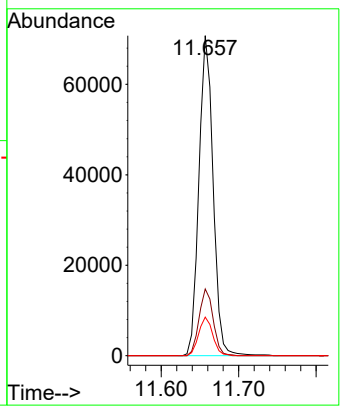


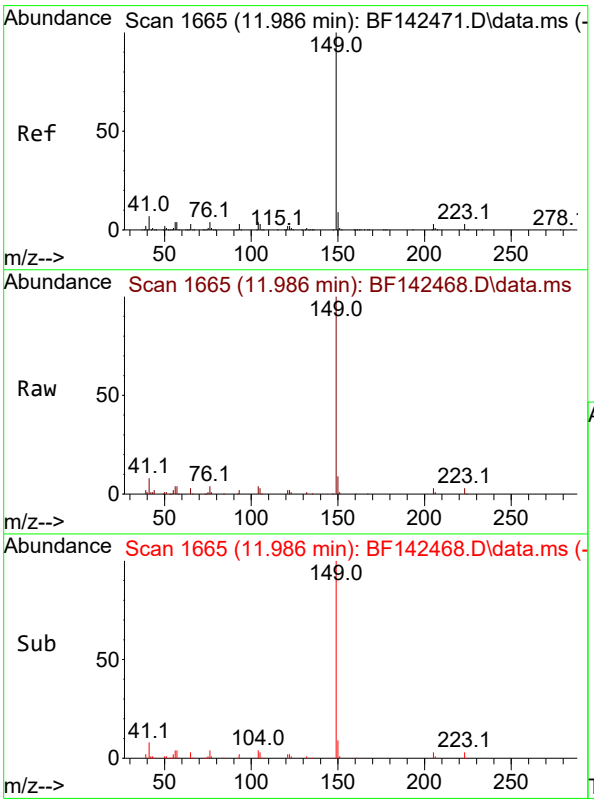
#73
Carbazole
Concen: 5.521 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

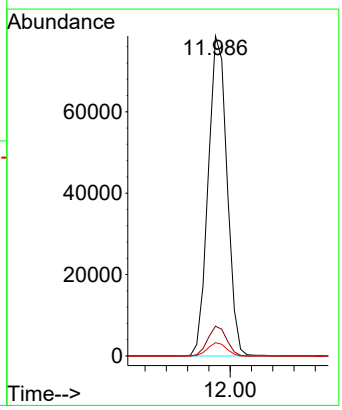


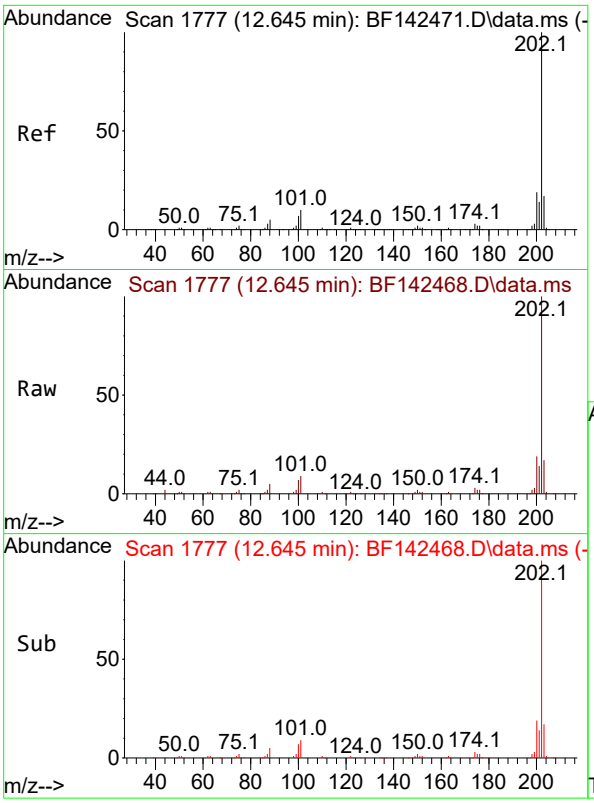


#74
Di-n-butylphthalate
Concen: 5.426 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



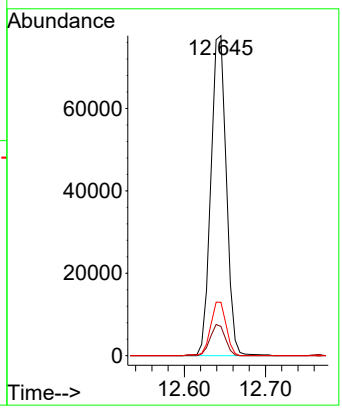


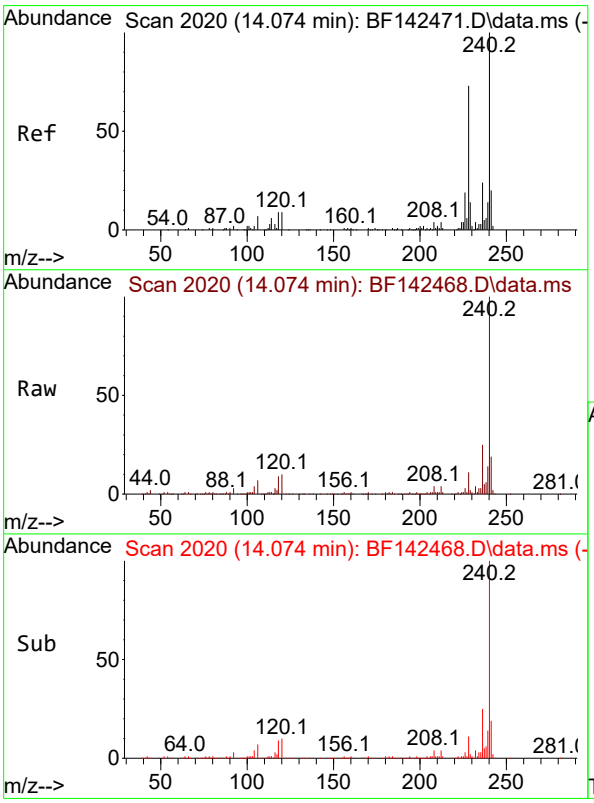
#75
Fluoranthene
Concen: 5.890 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

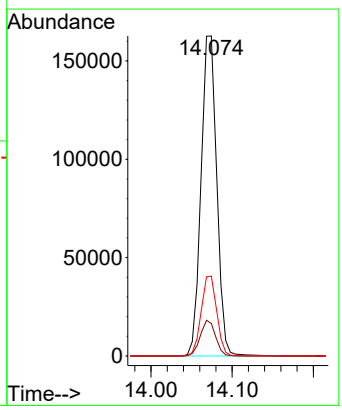


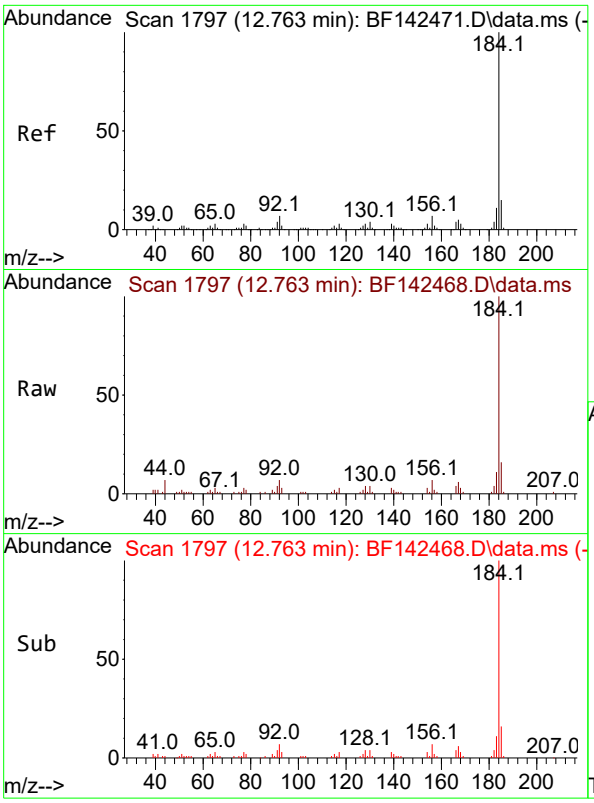


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



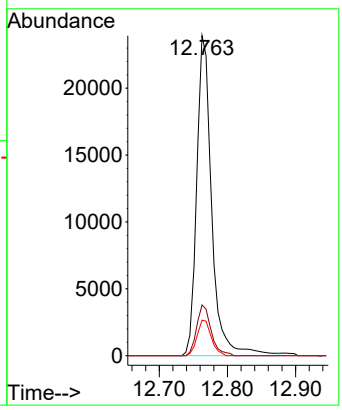


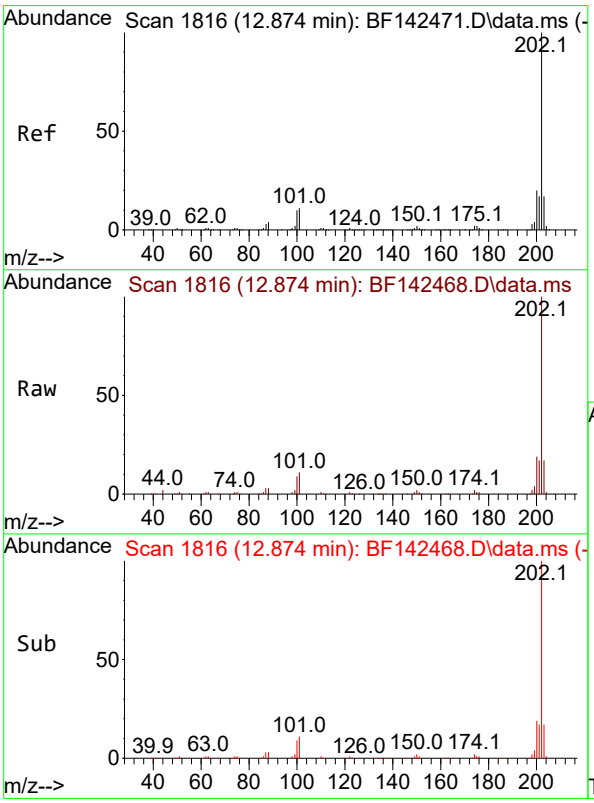
#77
Benzidine
Concen: 4.499 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

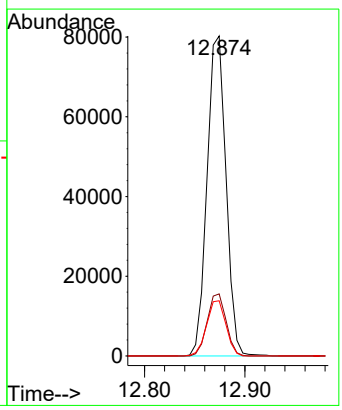


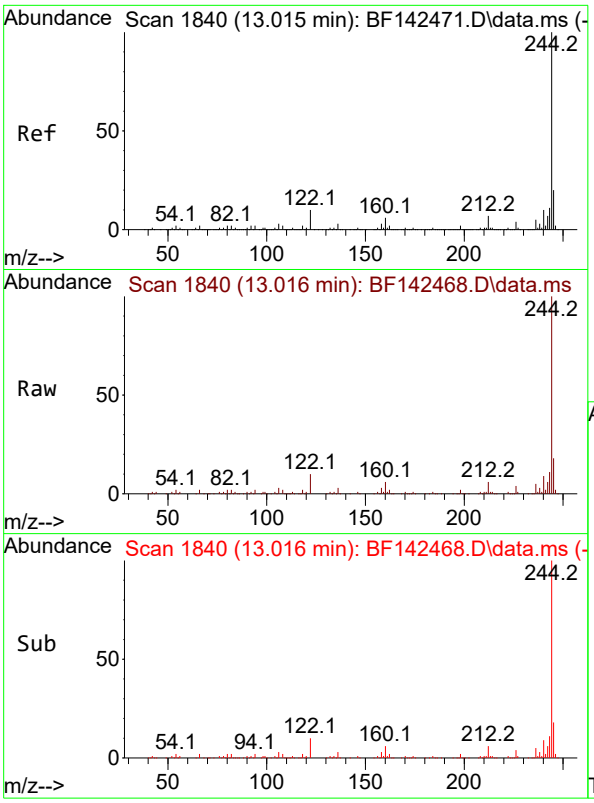


#78
Pyrene
Concen: 5.170 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



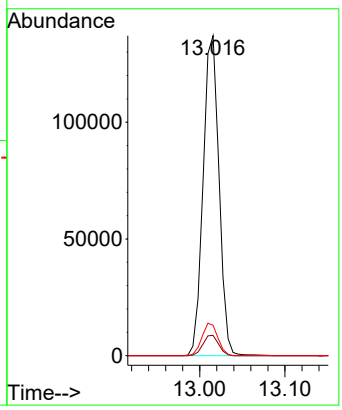


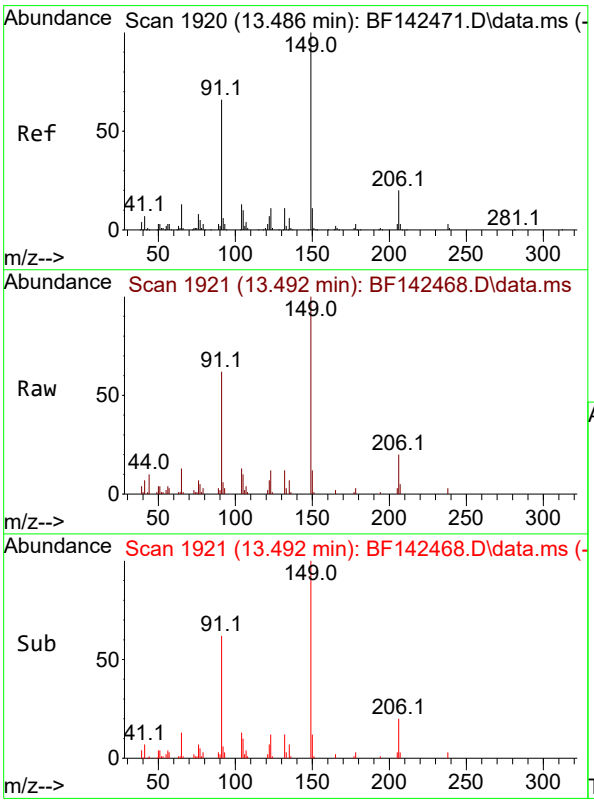
#79
Terphenyl-d14
Concen: 11.096 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

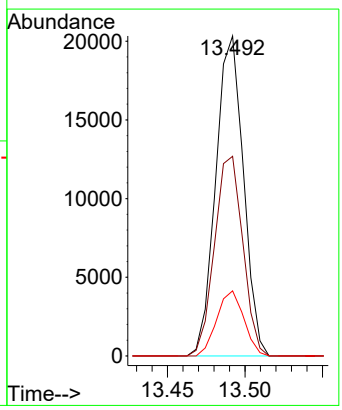


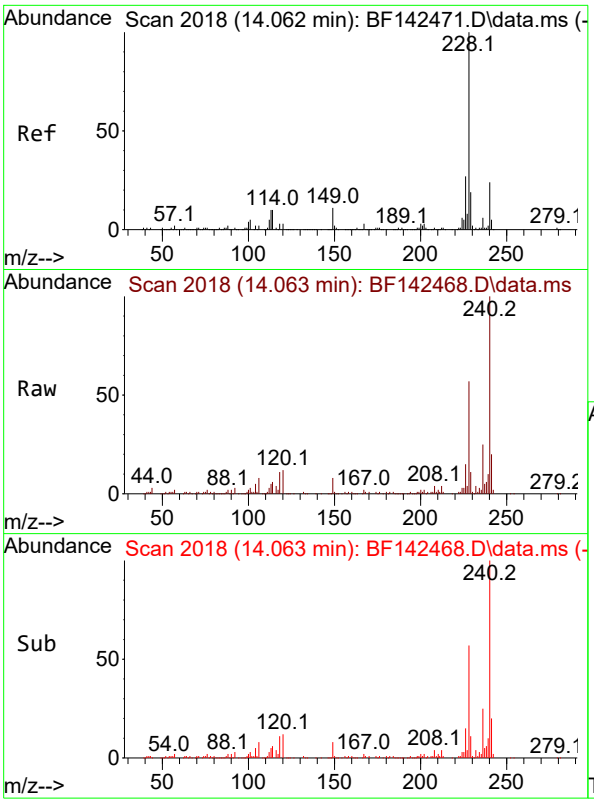


#80
Butylbenzylphthalate
Concen: 4.483 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



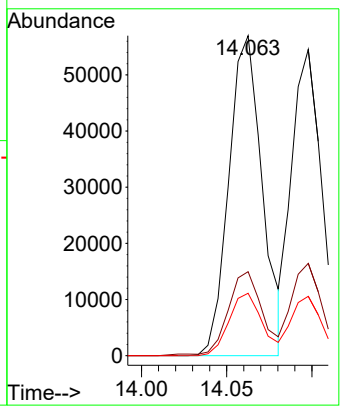


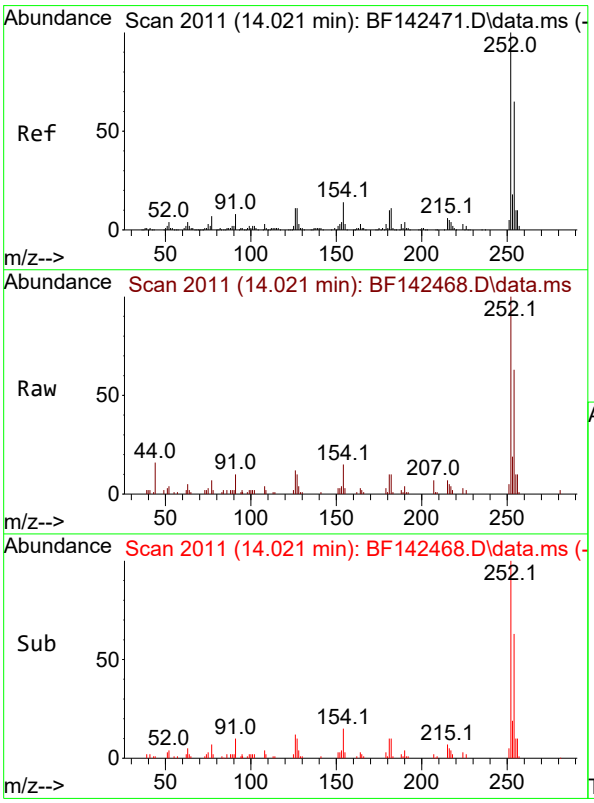
#81
Benzo(a)anthracene
Concen: 5.332 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

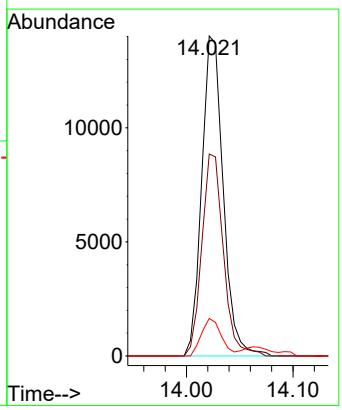


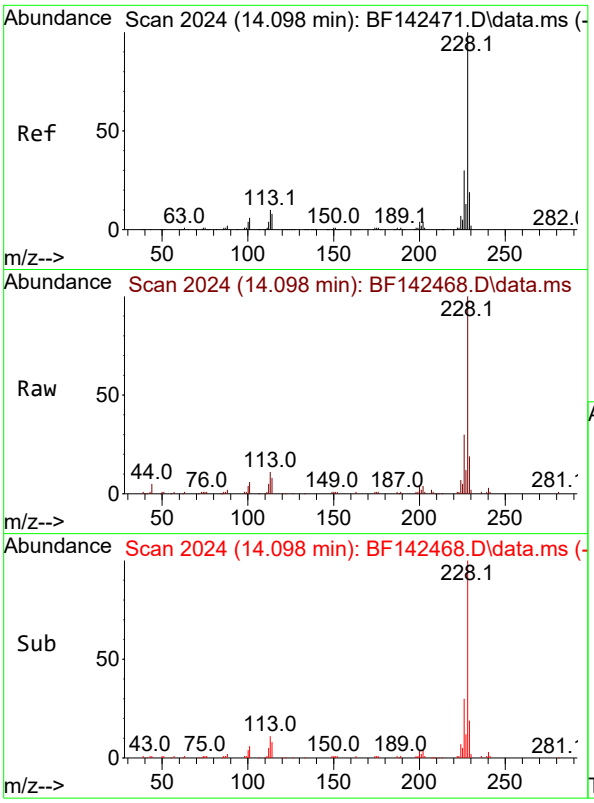


#82
3,3'-Dichlorobenzidine
Concen: 4.445 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



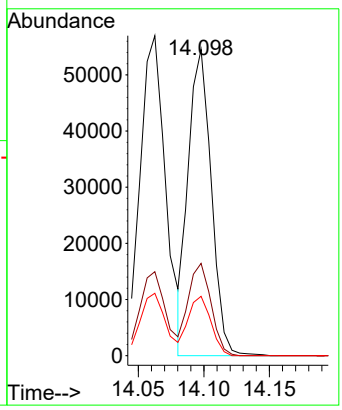


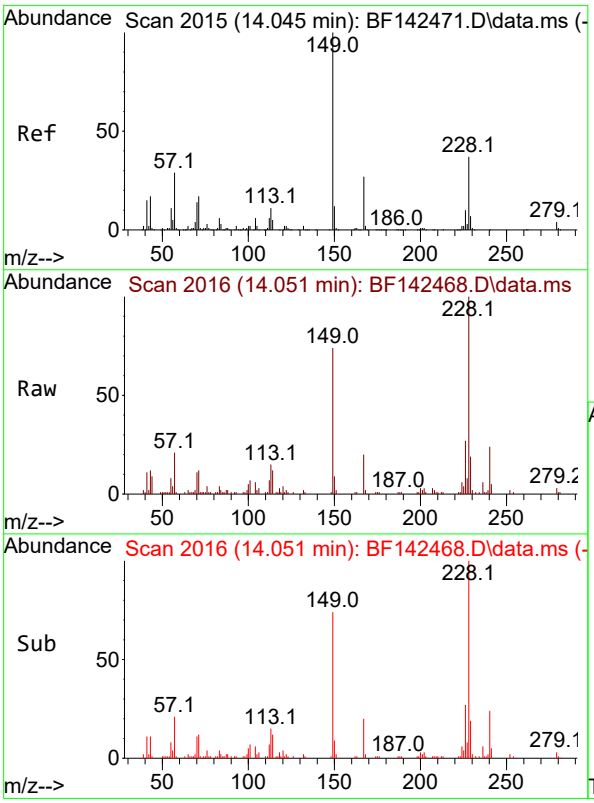
#83
Chrysene
Concen: 5.092 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

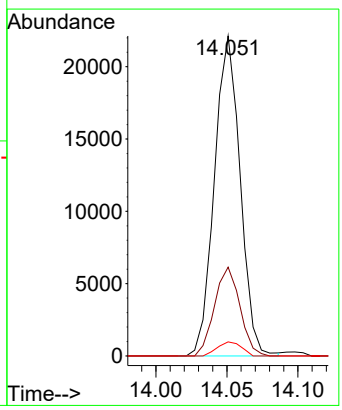


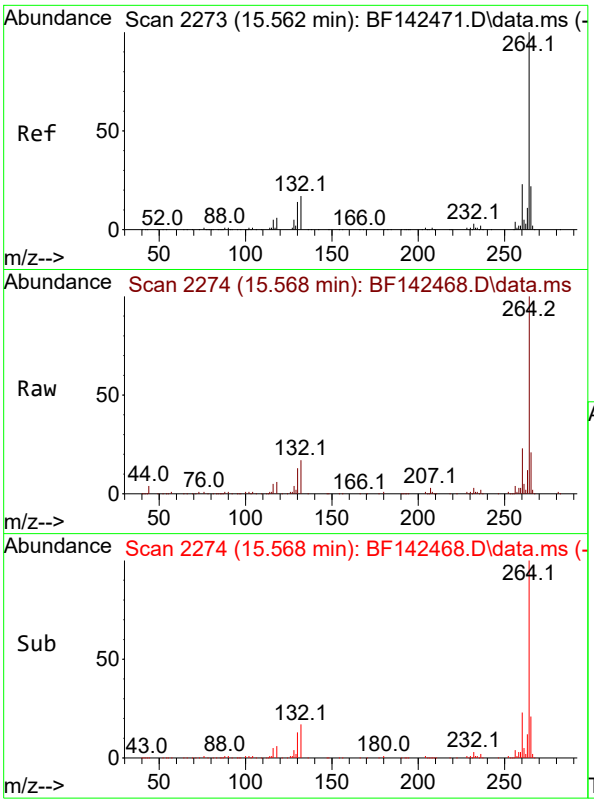


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.864 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



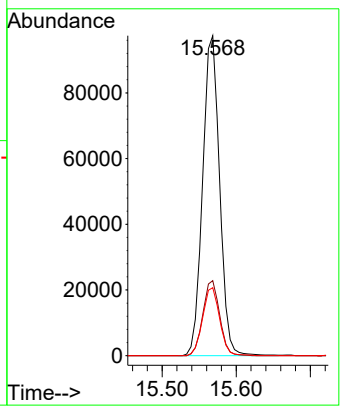


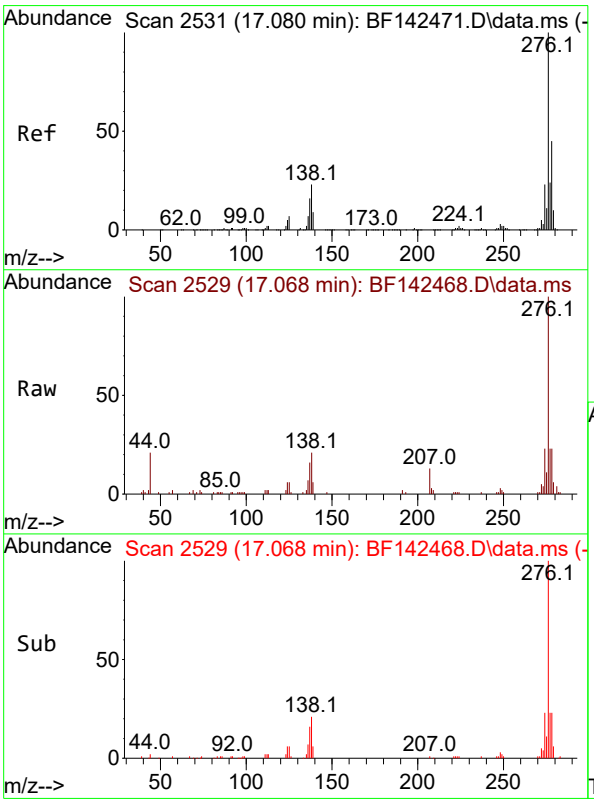
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

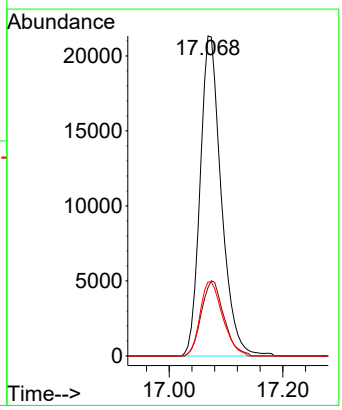


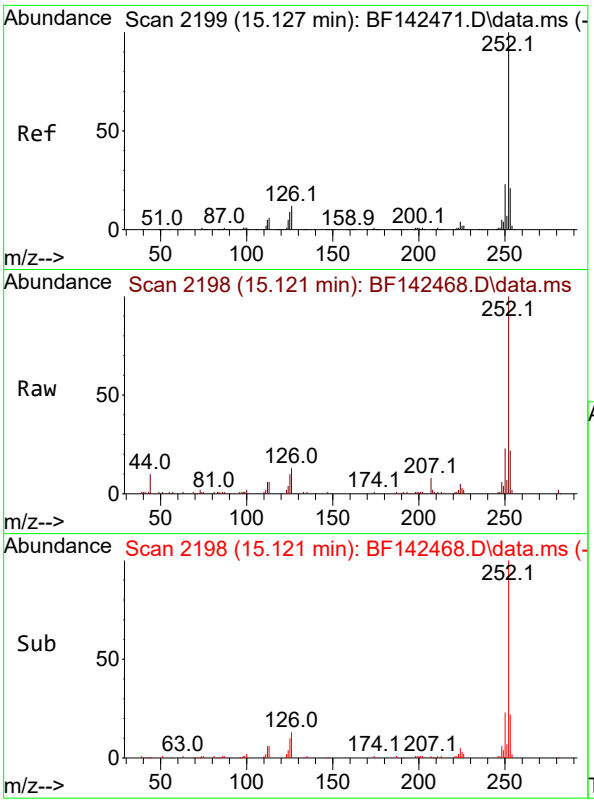


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.733 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



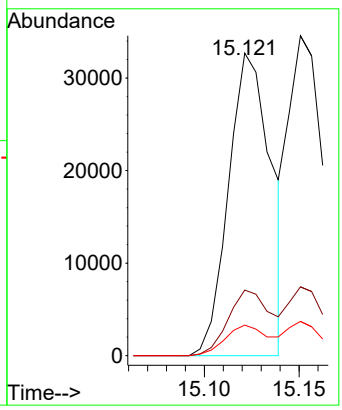


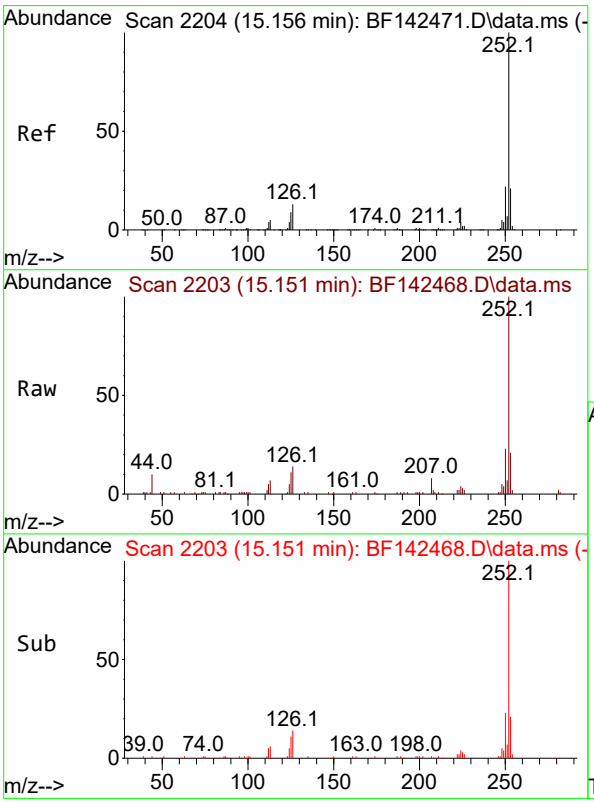
#88
Benzo(b)fluoranthene
Concen: 5.565 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

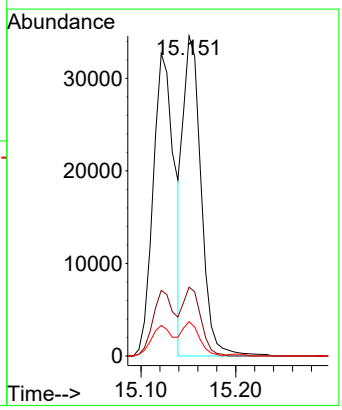


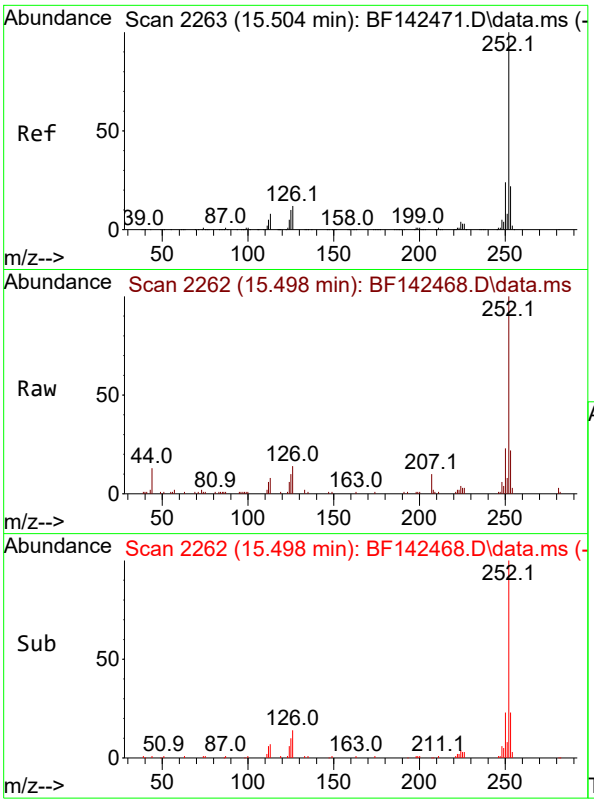


#89
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



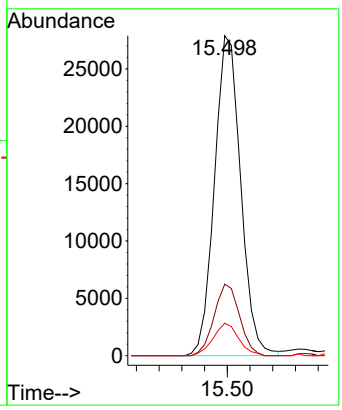


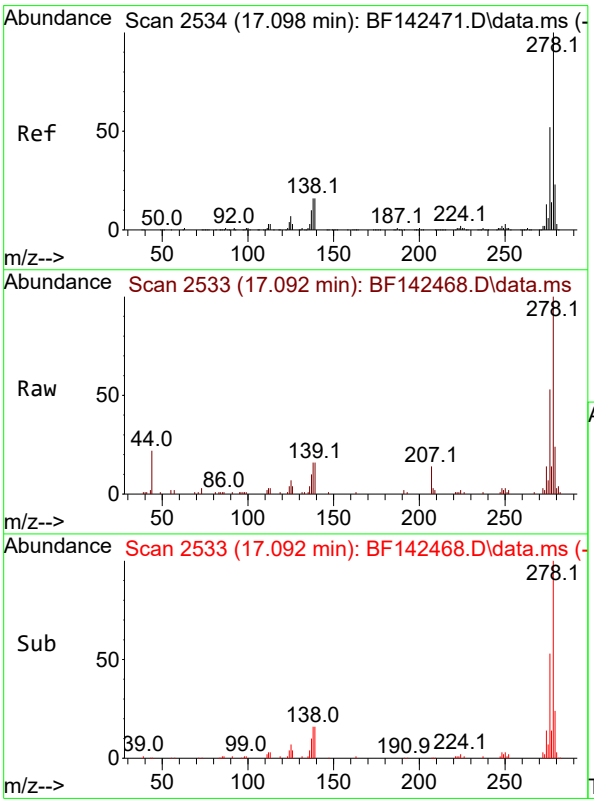
#90
Benzo(a)pyrene
Concen: 5.172 ng
RT: 15.498 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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

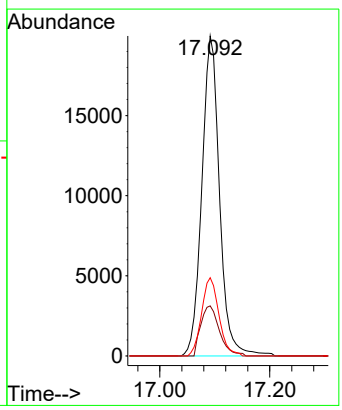


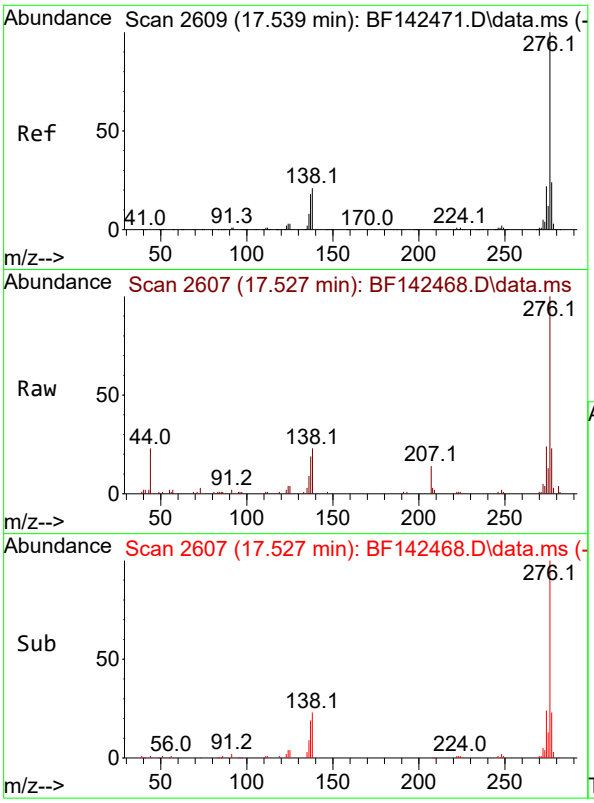


#91
Dibenzo(a,h)anthracene
Concen: 4.731 ng
RT: 17.092 min Scan# 2533
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



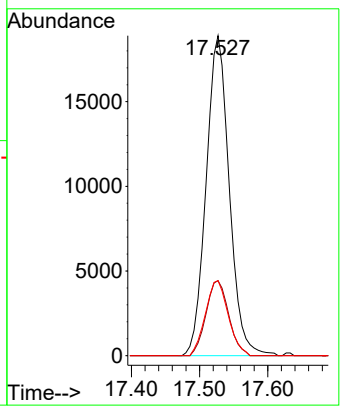


#92
Benzo(g,h,i)perylene
Concen: 4.737 ng
RT: 17.527 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

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



ICAL Form

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

ICAL Form

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

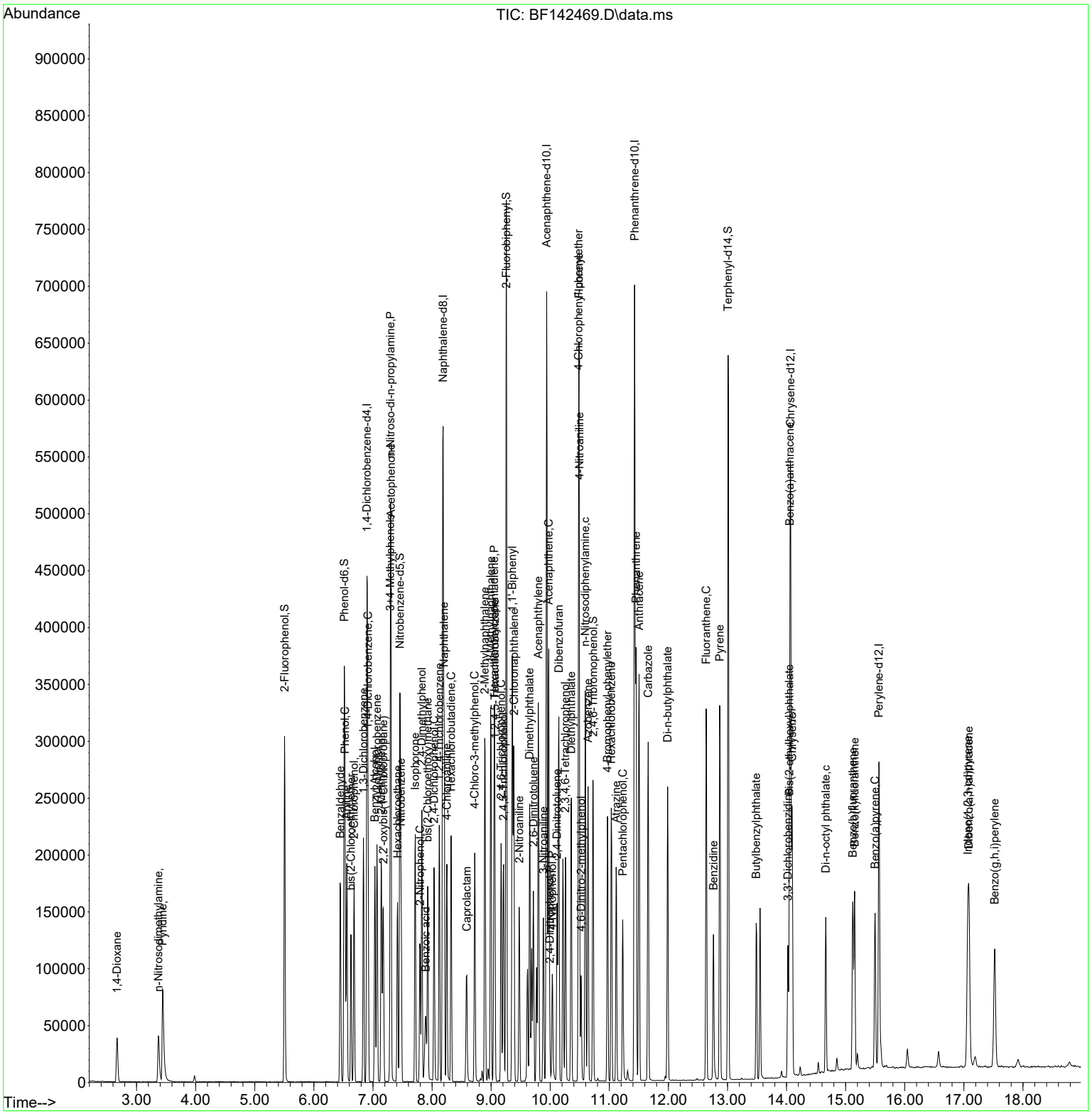
(#) = qualifier out of range (m) = manual integration (+) = signals summed

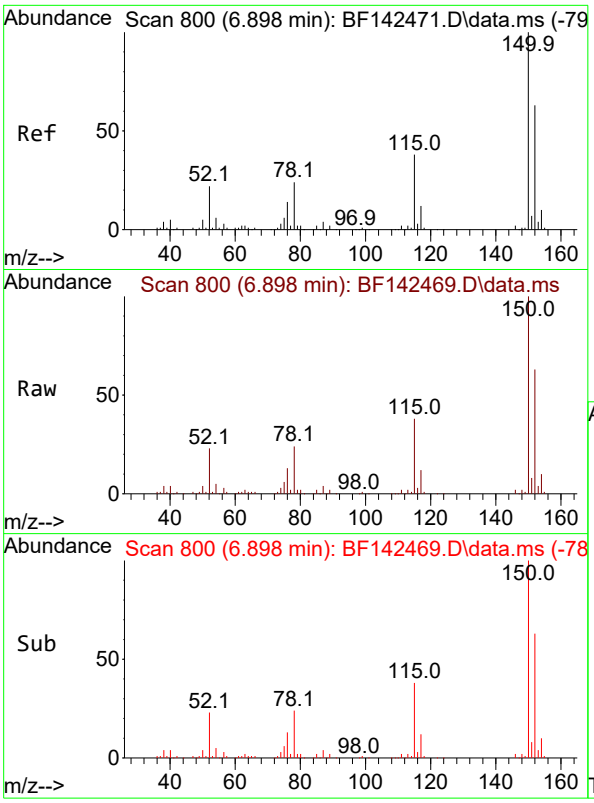
ICAL Form

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



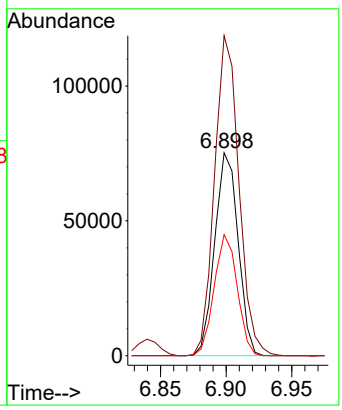


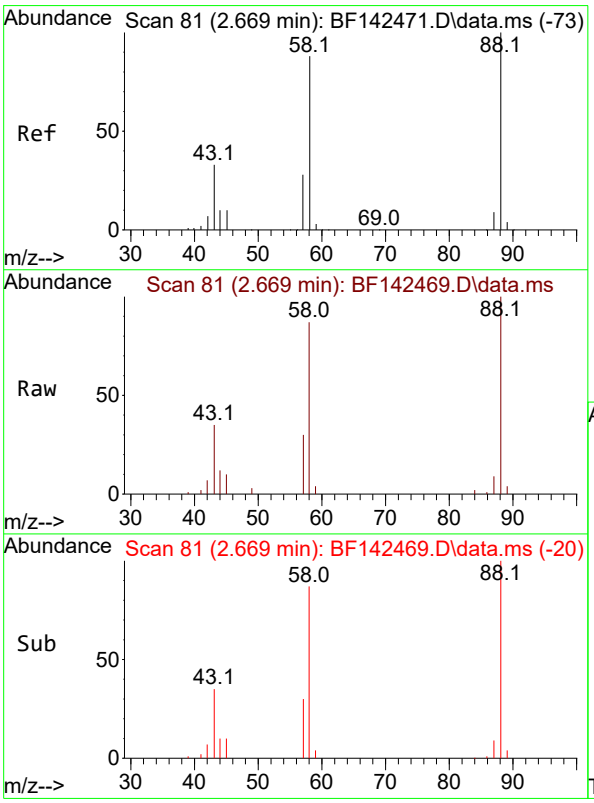
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

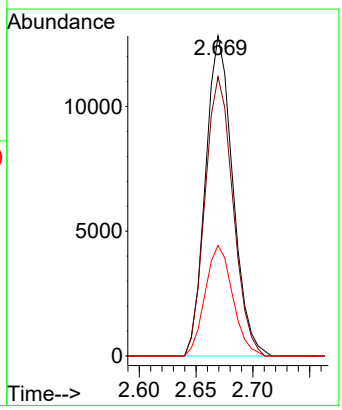


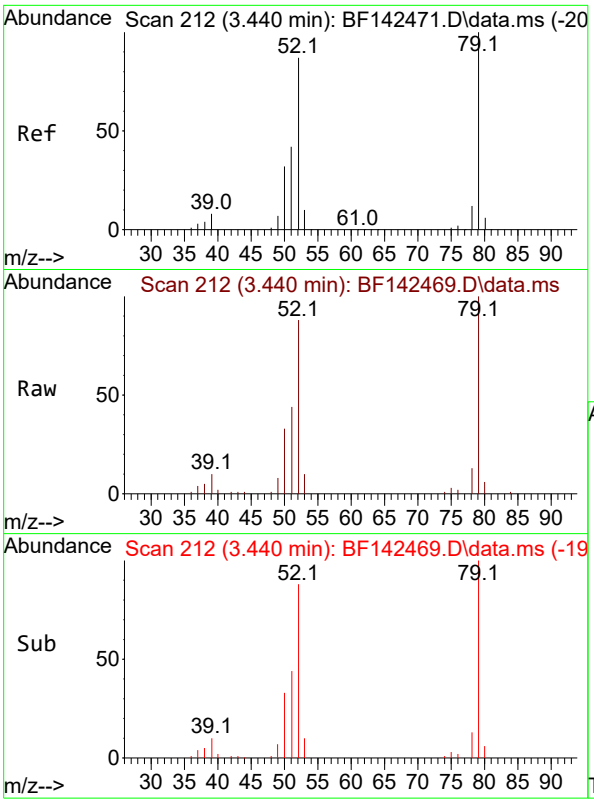


#2
1,4-Dioxane
Concen: 9.676 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



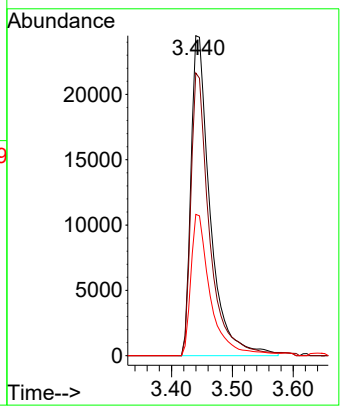


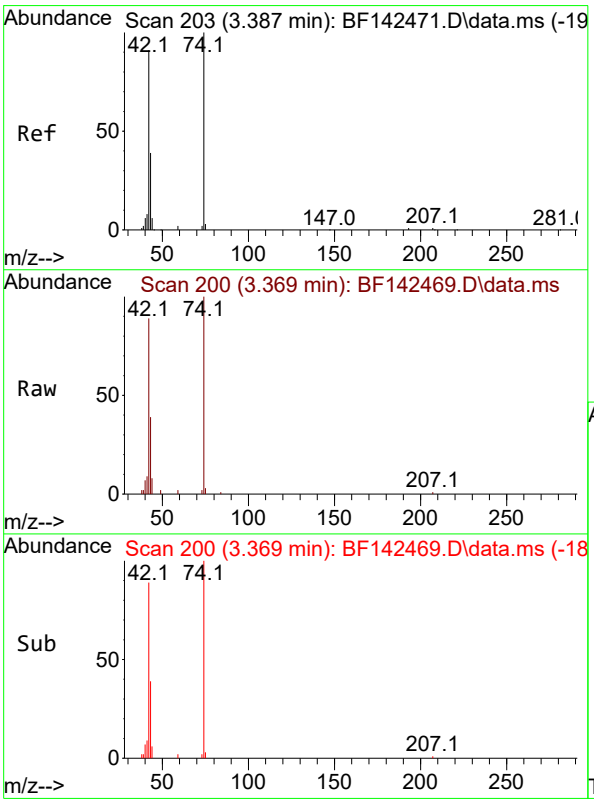
#3
Pyridine
Concen: 9.509 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

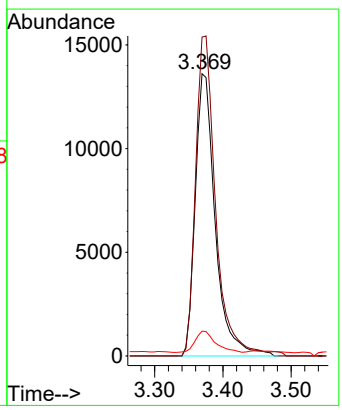


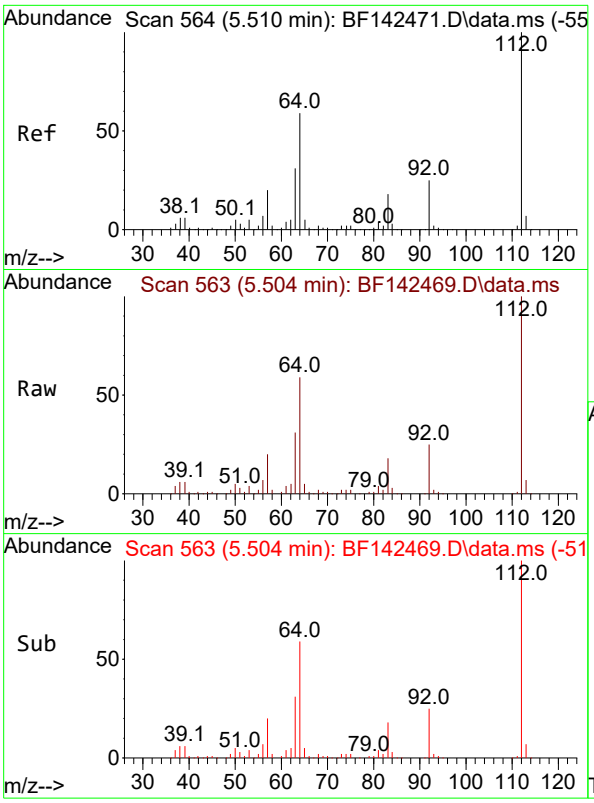


#4
n-Nitrosodimethylamine
Concen: 9.441 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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#



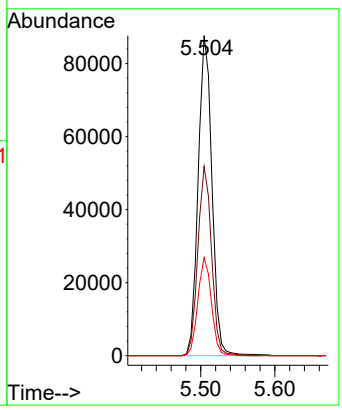


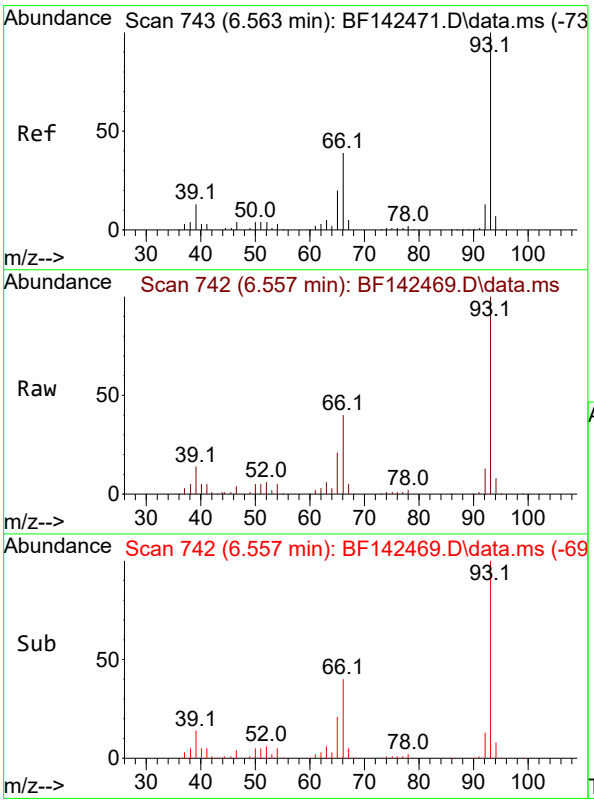
#5
2-Fluorophenol
Concen: 20.452 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

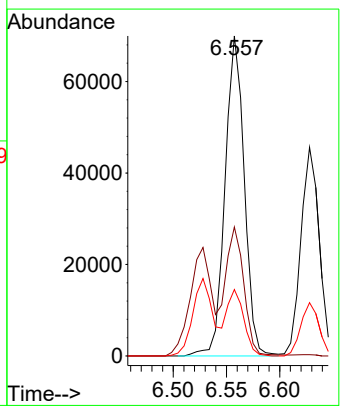


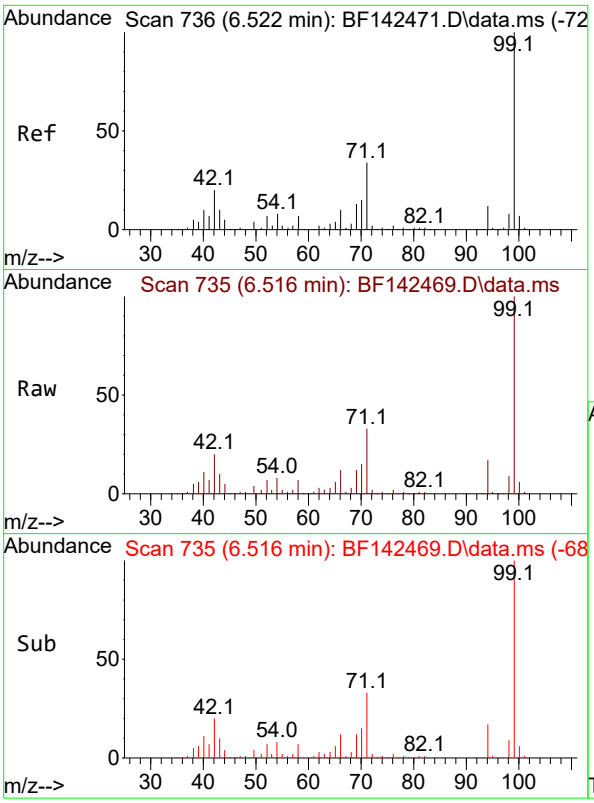


#6
Aniline
Concen: 9.831 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



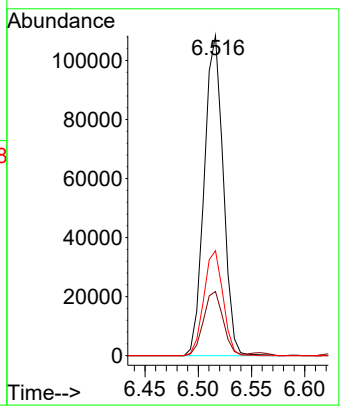


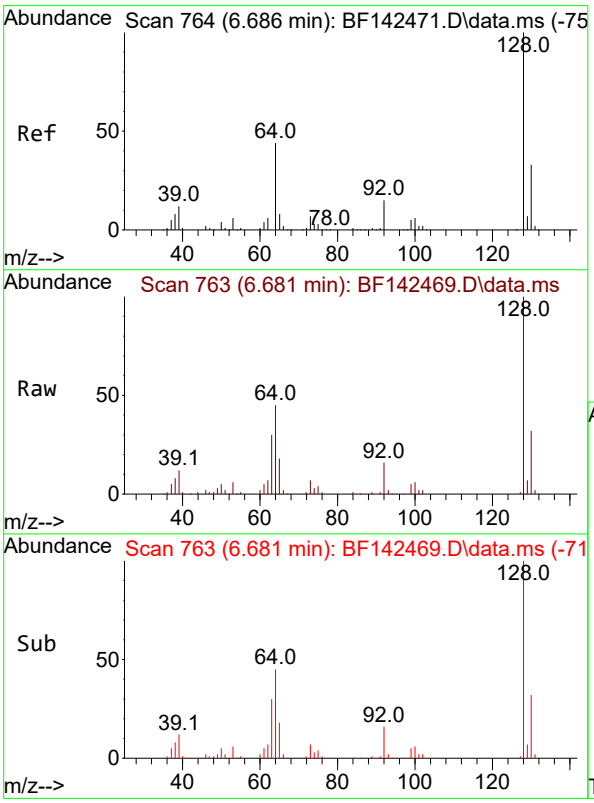
#7
Phenol-d6
Concen: 20.273 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

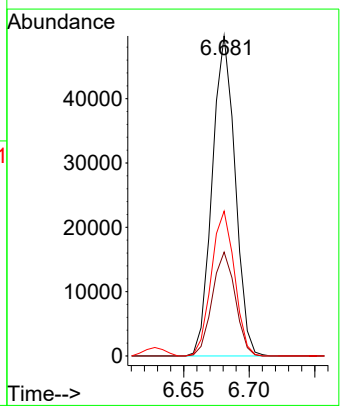


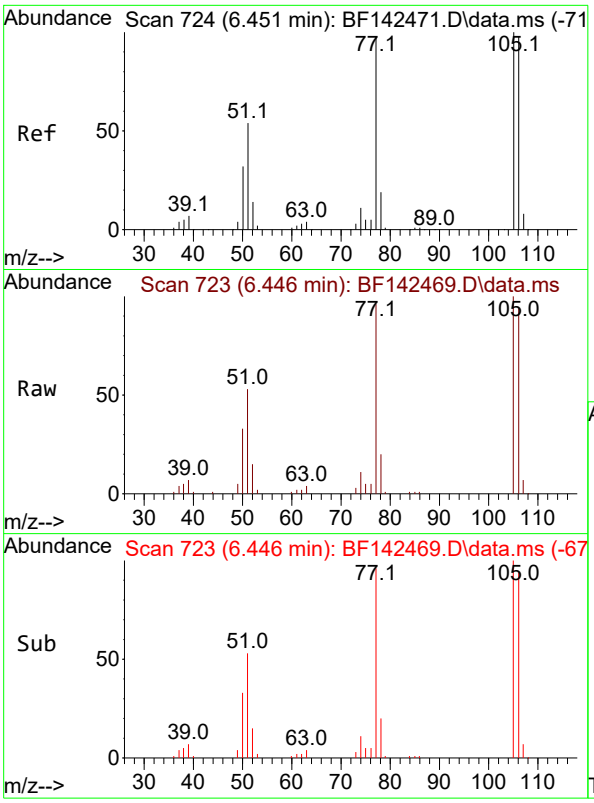


#8
2-Chlorophenol
Concen: 9.997 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



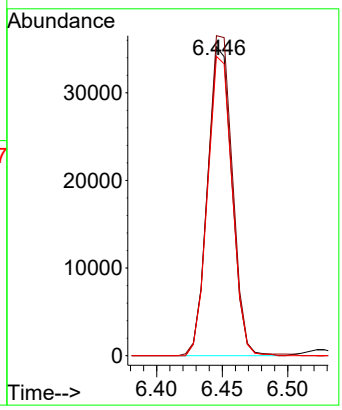


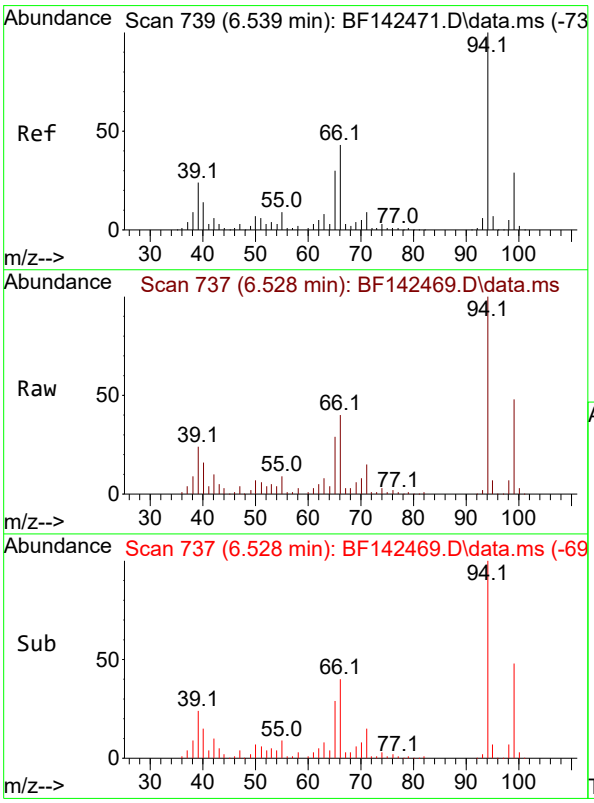
#9
Benzaldehyde
Concen: 11.347 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

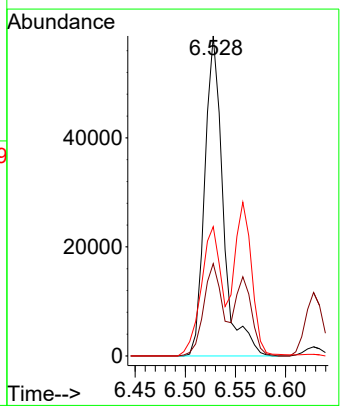


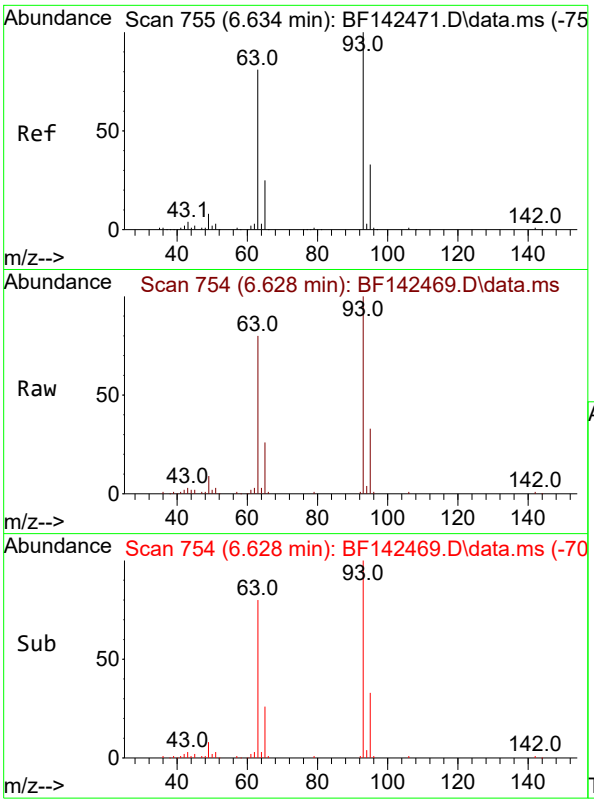


#10
Phenol
Concen: 10.083 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



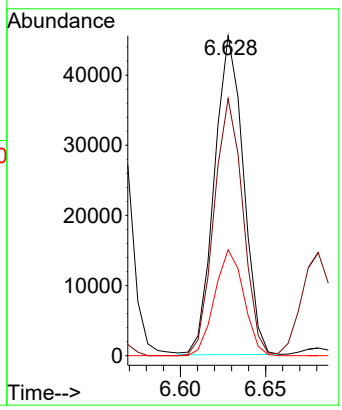


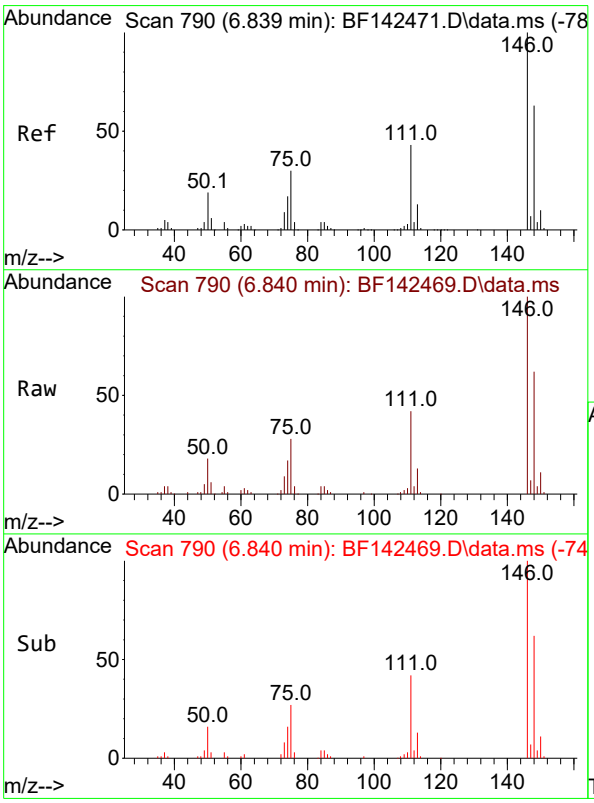
#11
bis(2-Chloroethyl)ether
Concen: 9.978 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

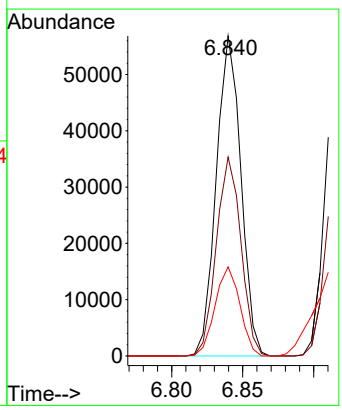


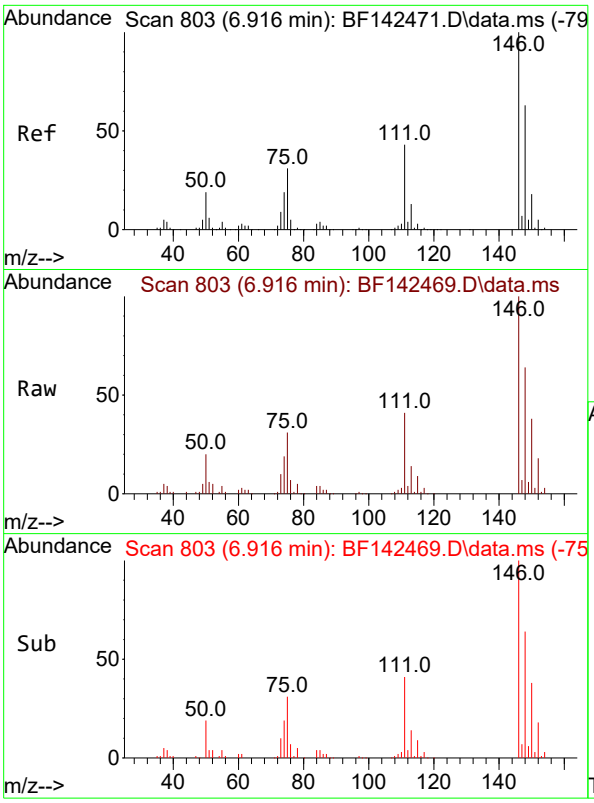


#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



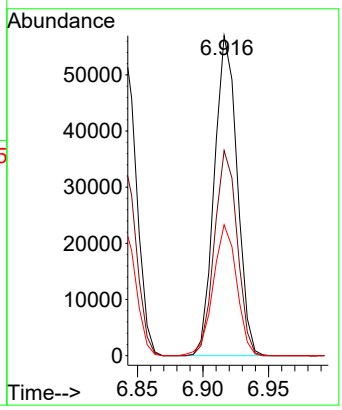


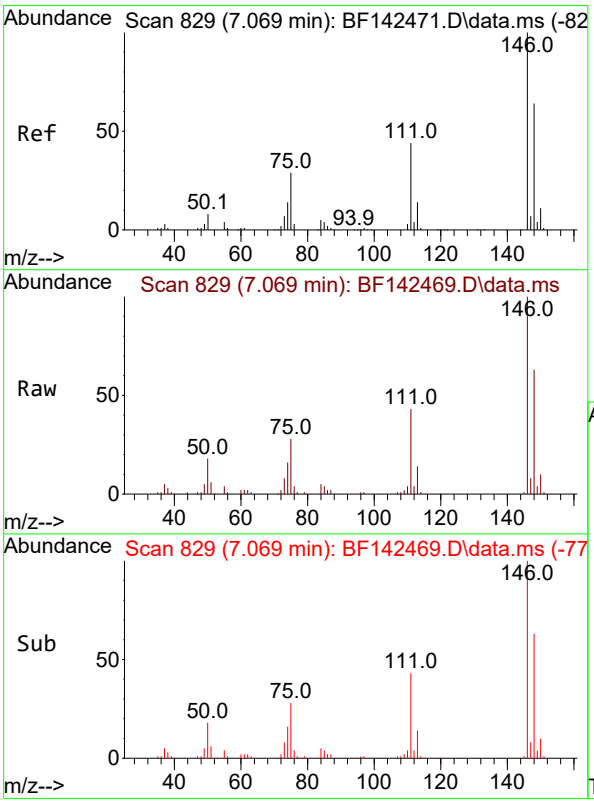
#13
1,4-Dichlorobenzene
Concen: 10.158 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

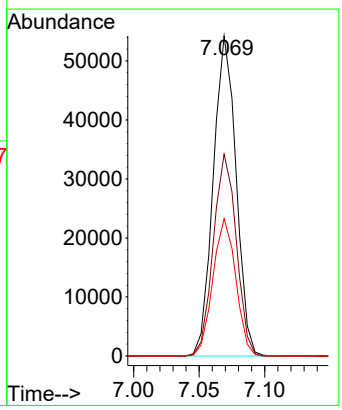


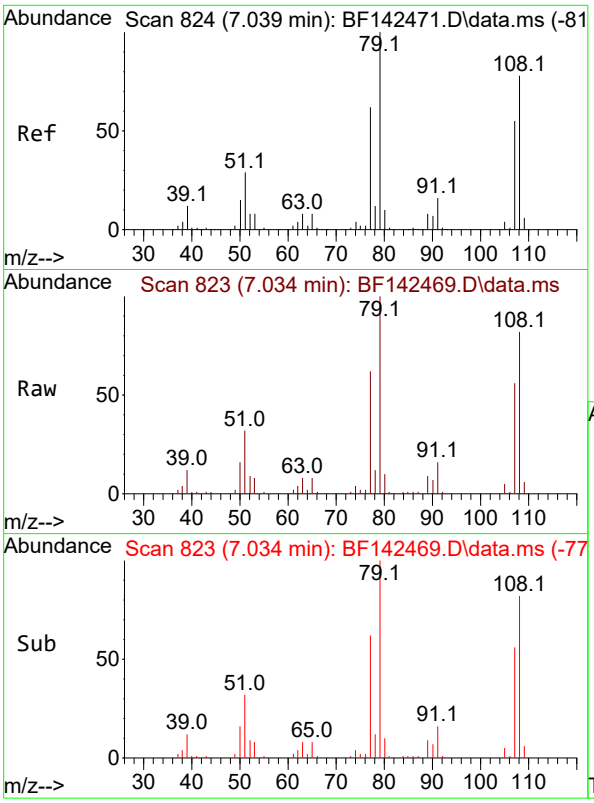


#14
1,2-Dichlorobenzene
Concen: 10.102 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



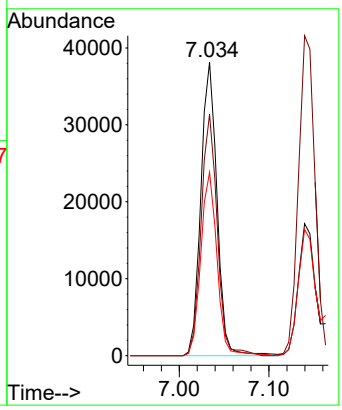


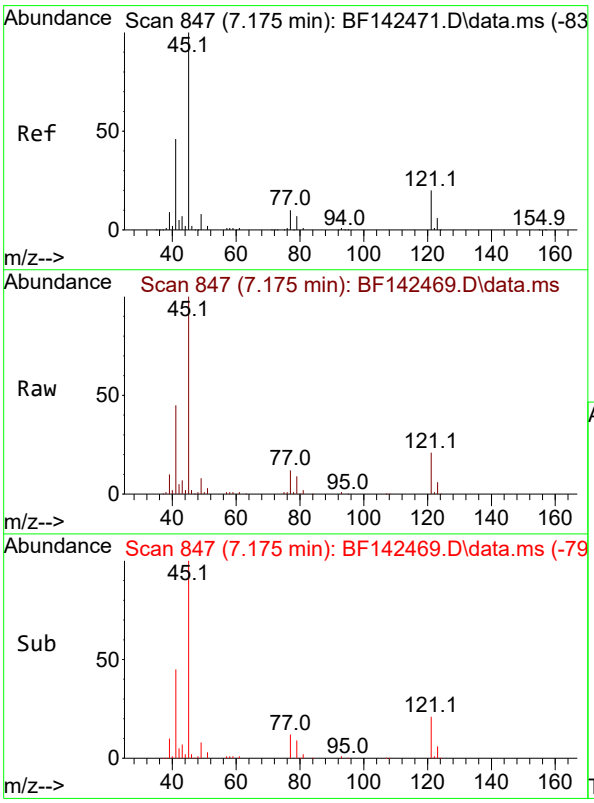
#15
Benzyl Alcohol
Concen: 9.699 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

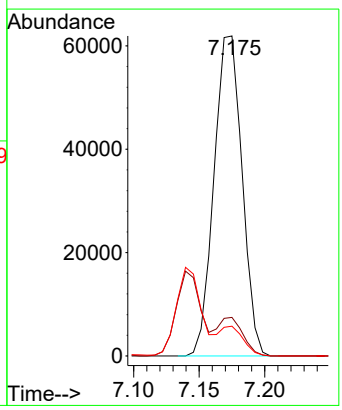


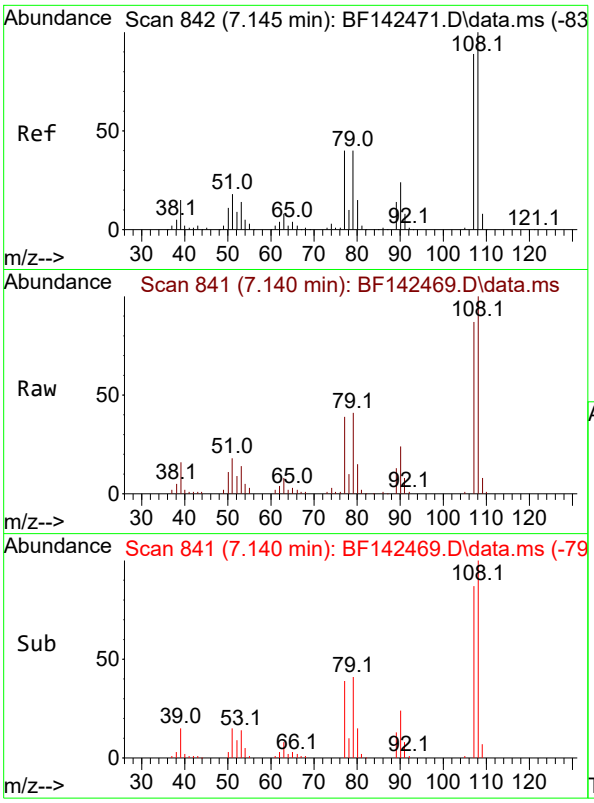


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



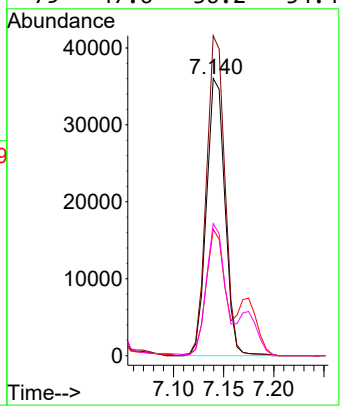


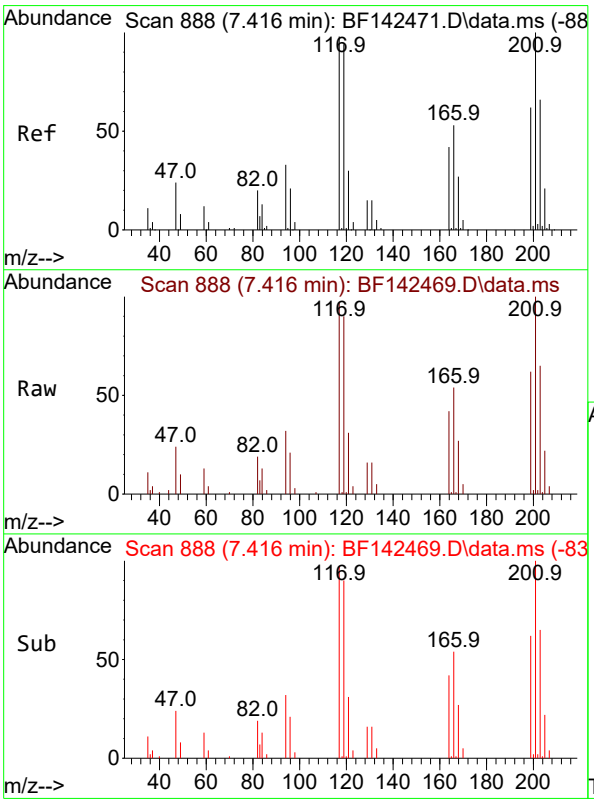
#17
2-Methylphenol
Concen: 9.825 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

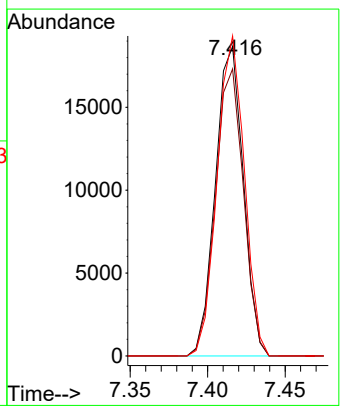


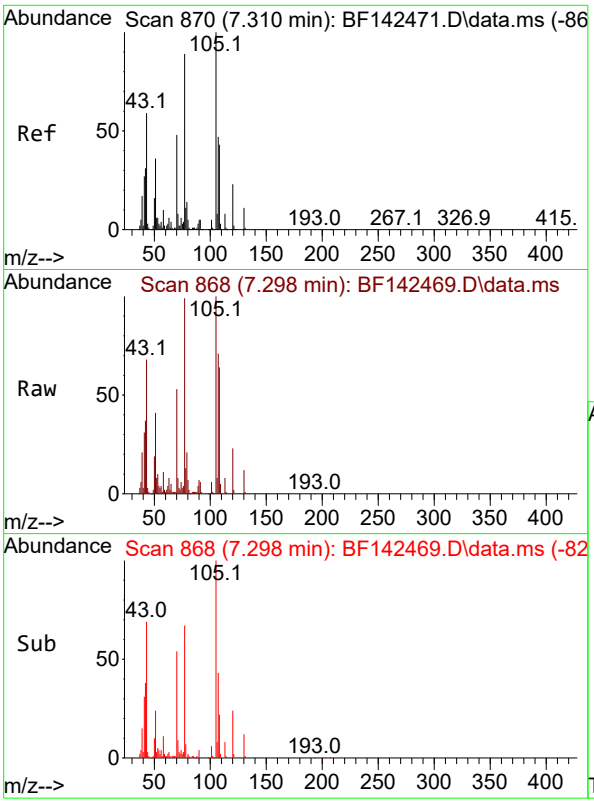


#18
Hexachloroethane
Concen: 9.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



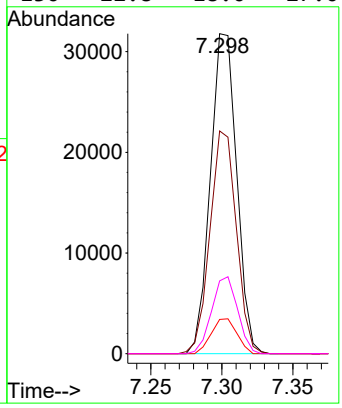


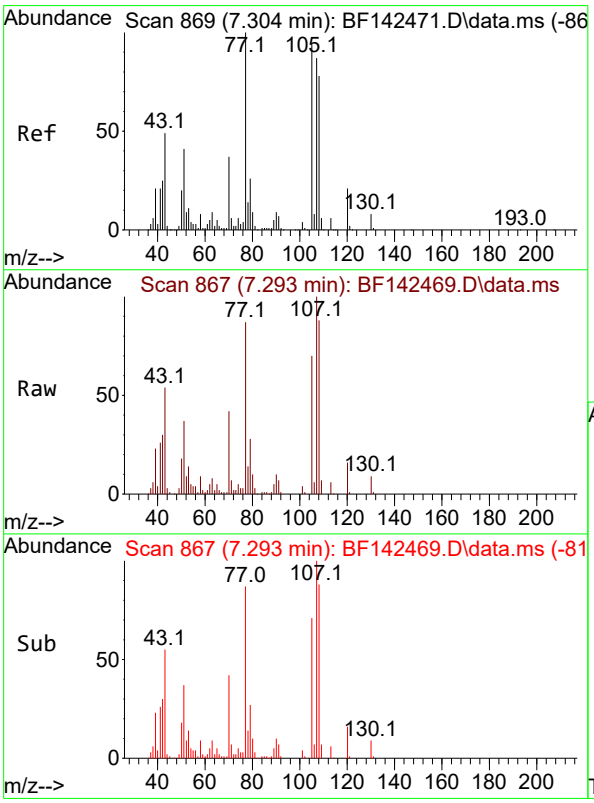
#19
n-Nitroso-di-n-propylamine
Concen: 9.937 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

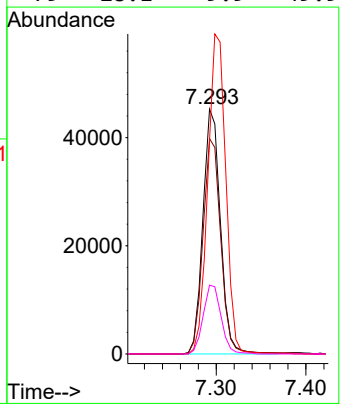


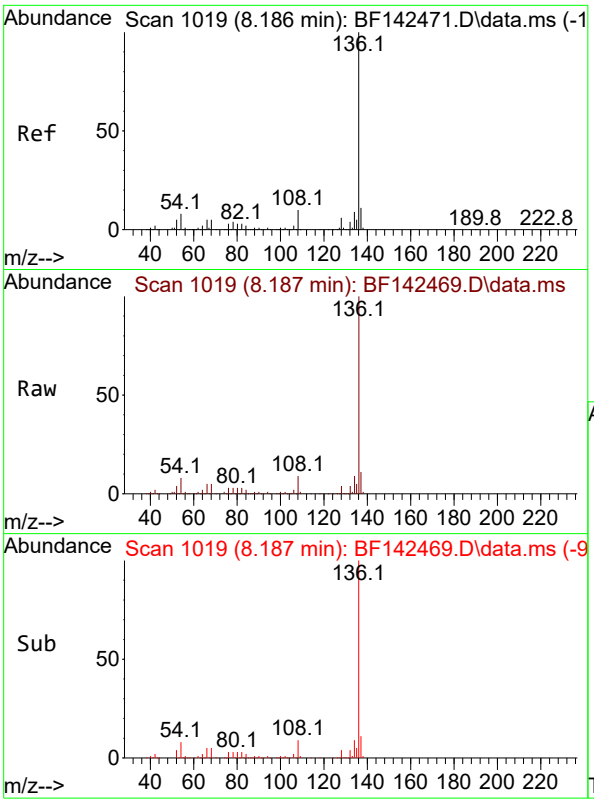


#20
3+4-Methylphenols
Concen: 10.203 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



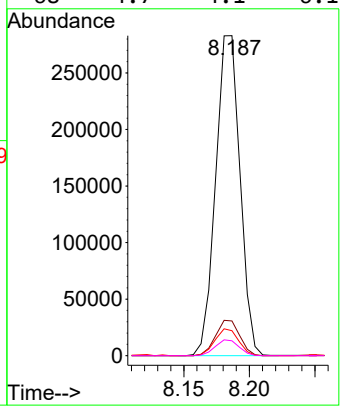


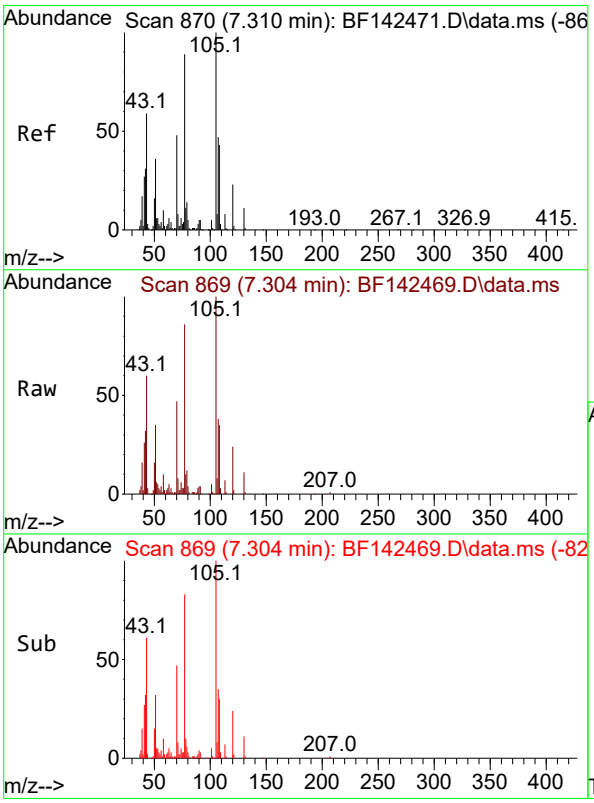
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

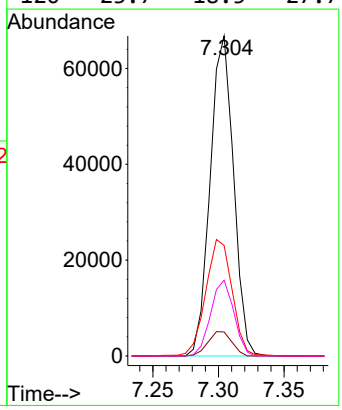


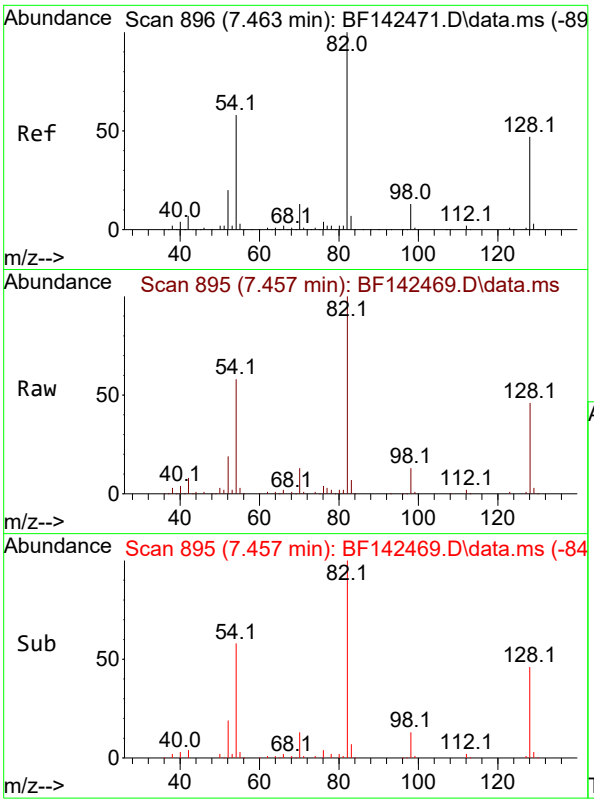


#22
Acetophenone
Concen: 10.234 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



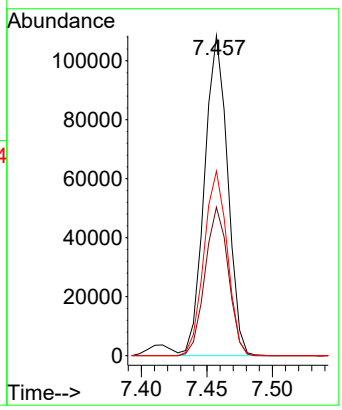


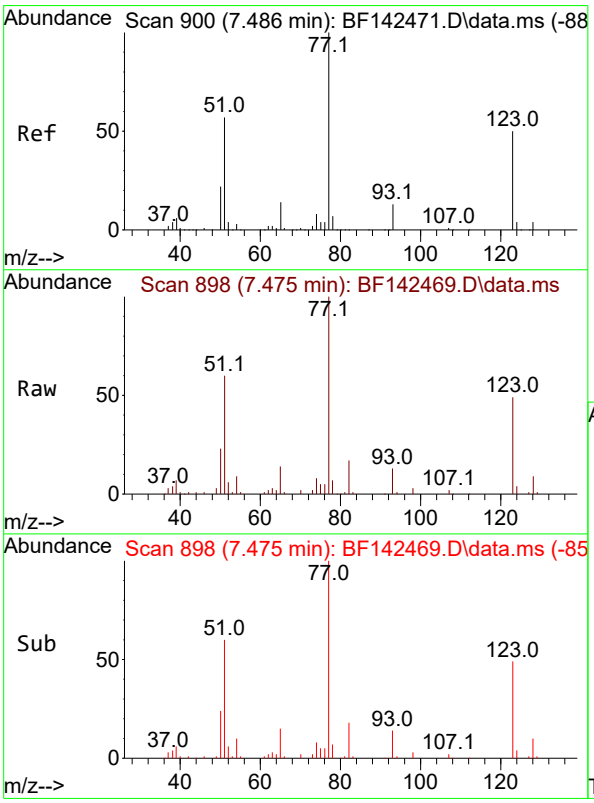
#23
Nitrobenzene-d5
Concen: 19.881 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

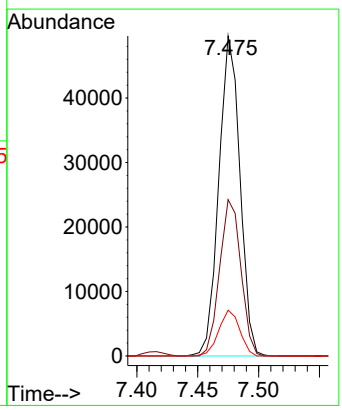


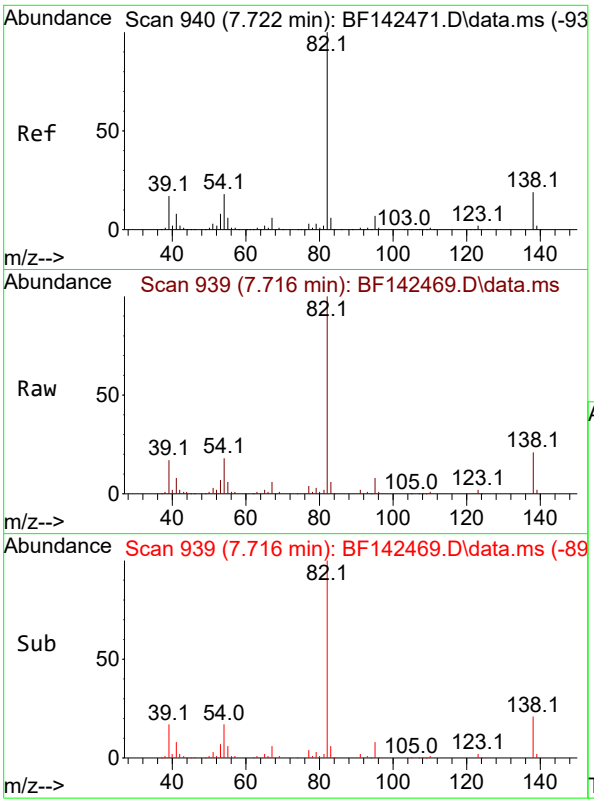


#24
Nitrobenzene
Concen: 9.904 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



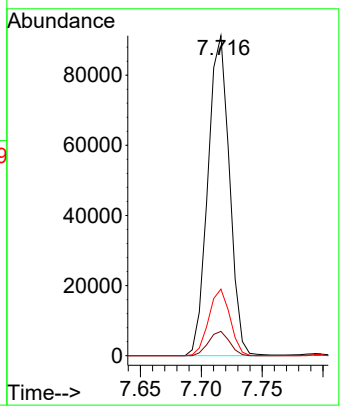


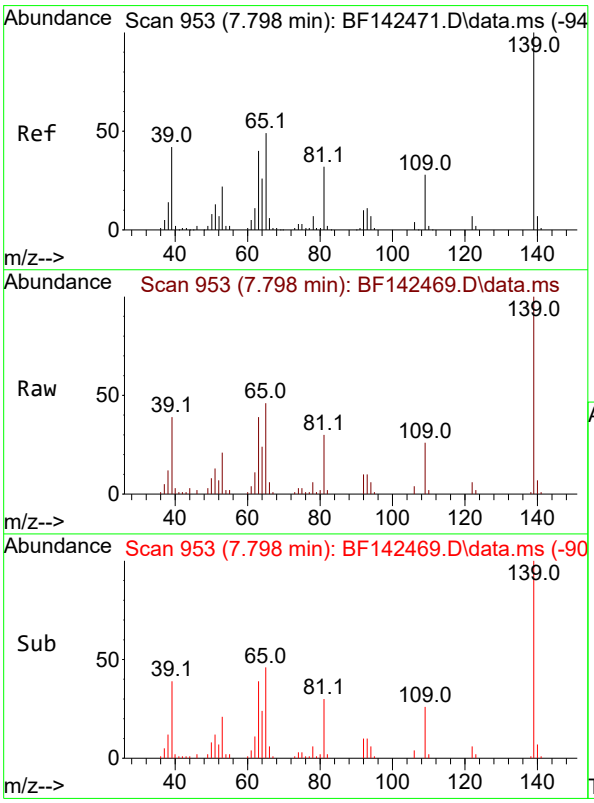
#25
Isophorone
Concen: 10.027 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

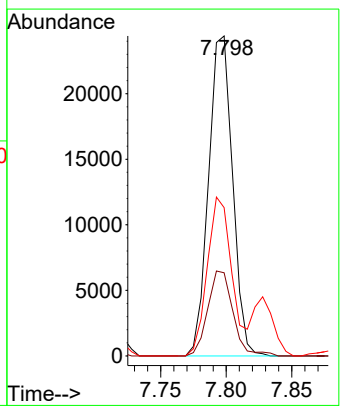


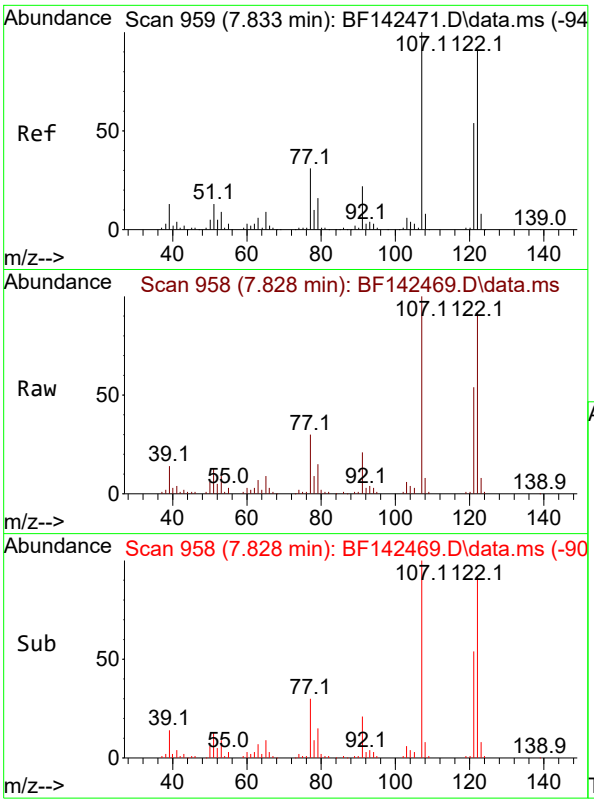


#26
2-Nitrophenol
Concen: 9.623 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



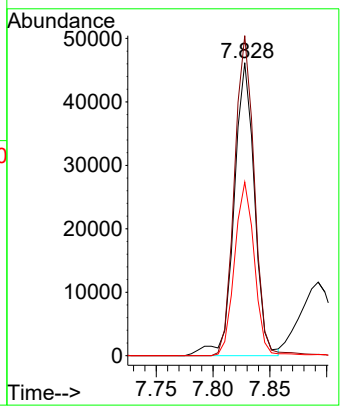


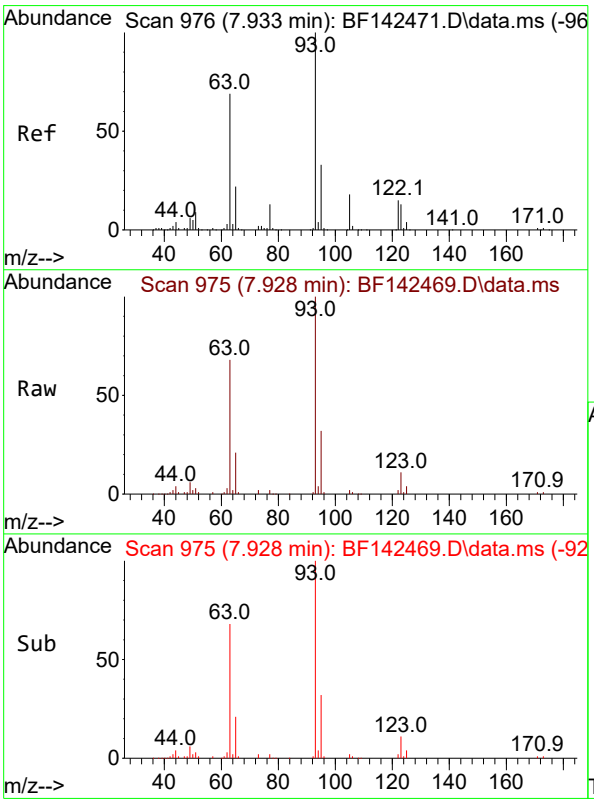
#27
2,4-Dimethylphenol
Concen: 10.102 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

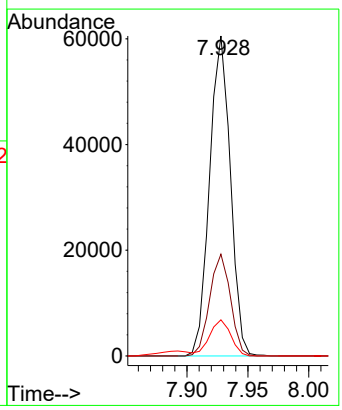


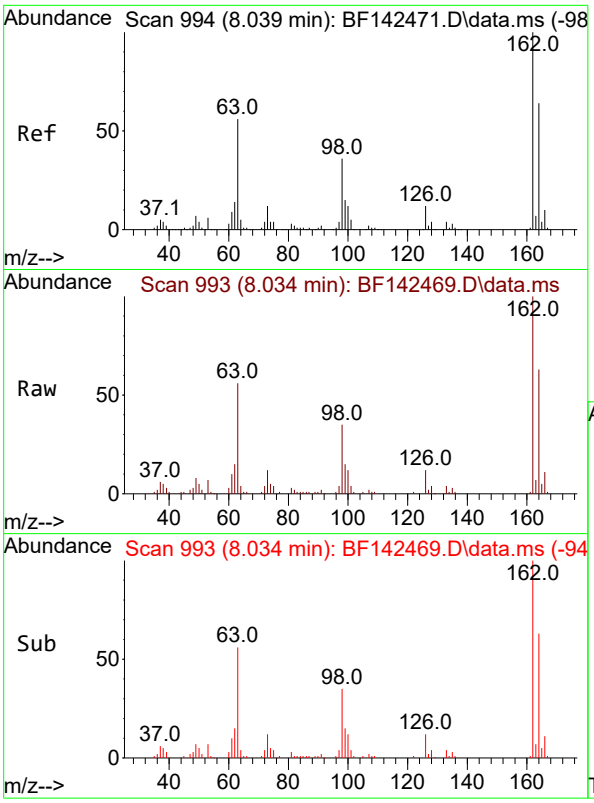


#28
bis(2-Chloroethoxy)methane
Concen: 10.277 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



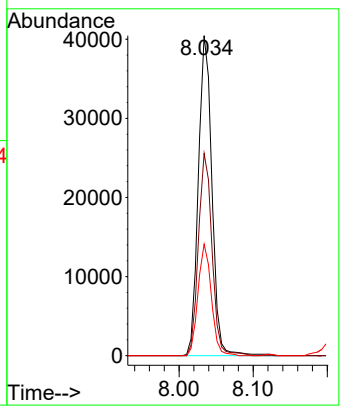


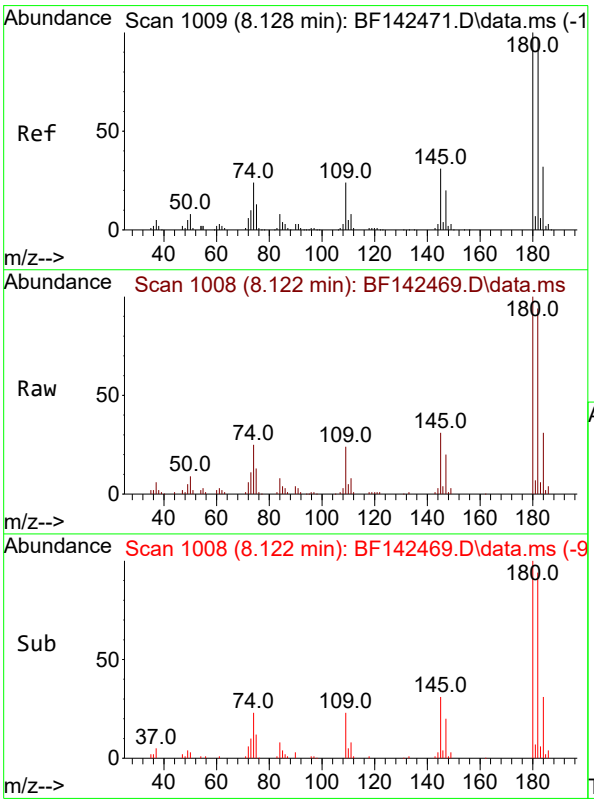
#29
2,4-Dichlorophenol
Concen: 9.941 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

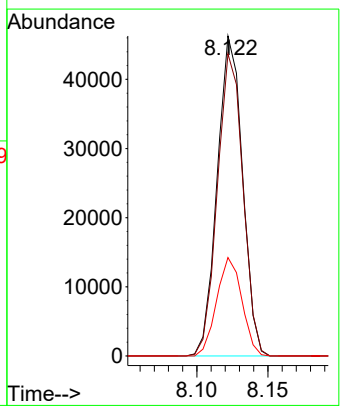


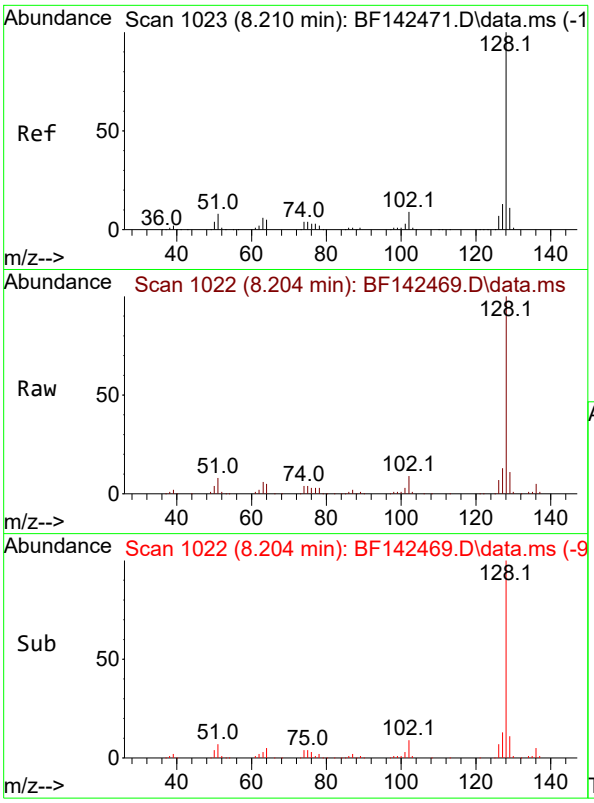


#30
1,2,4-Trichlorobenzene
Concen: 10.179 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



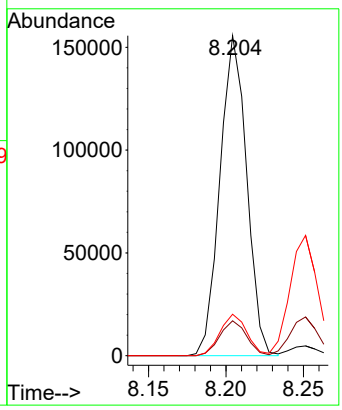


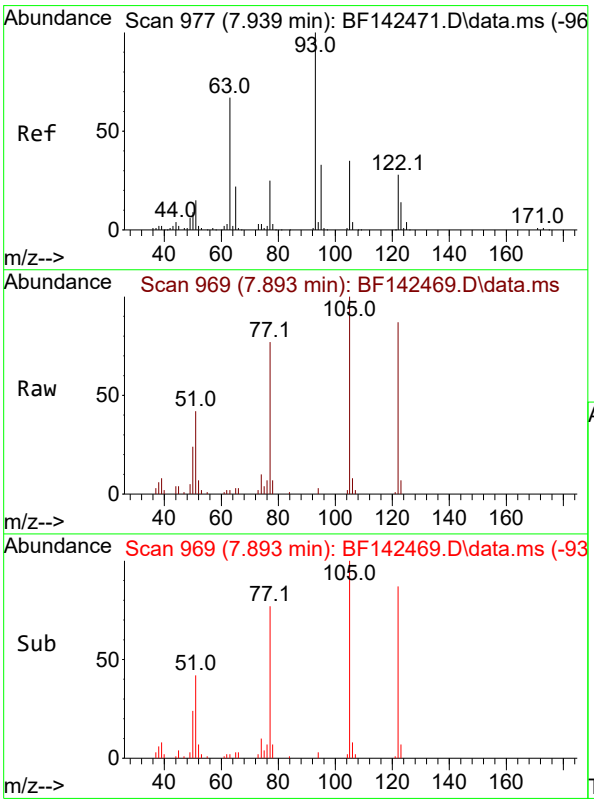
#31
Naphthalene
Concen: 10.364 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

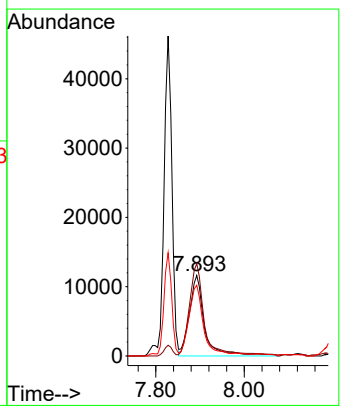


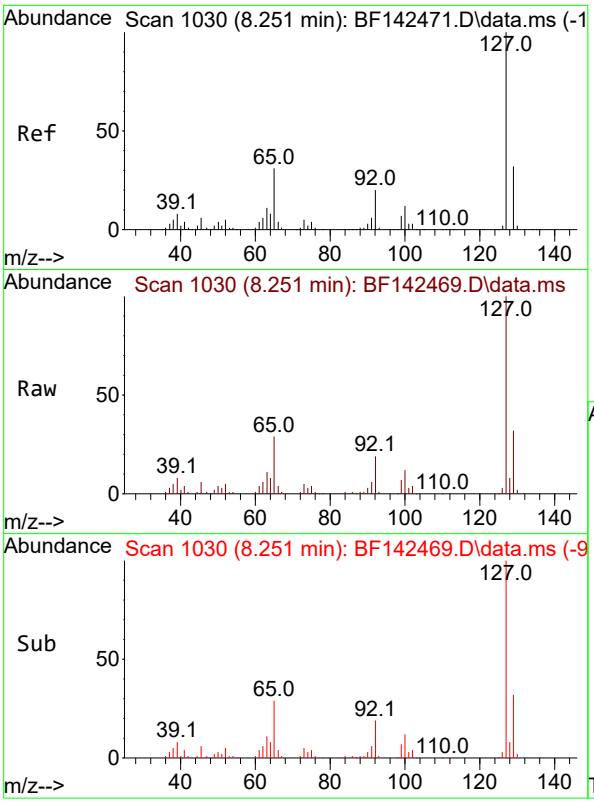


#32
Benzoic acid
Concen: 8.062 ng m
RT: 7.893 min Scan# 969
Delta R.T. -0.082 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



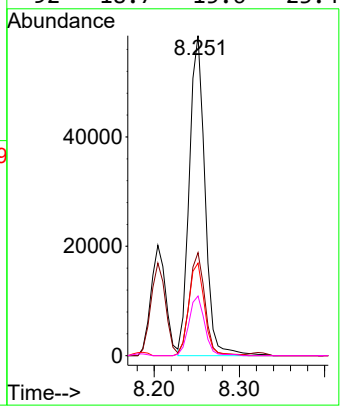


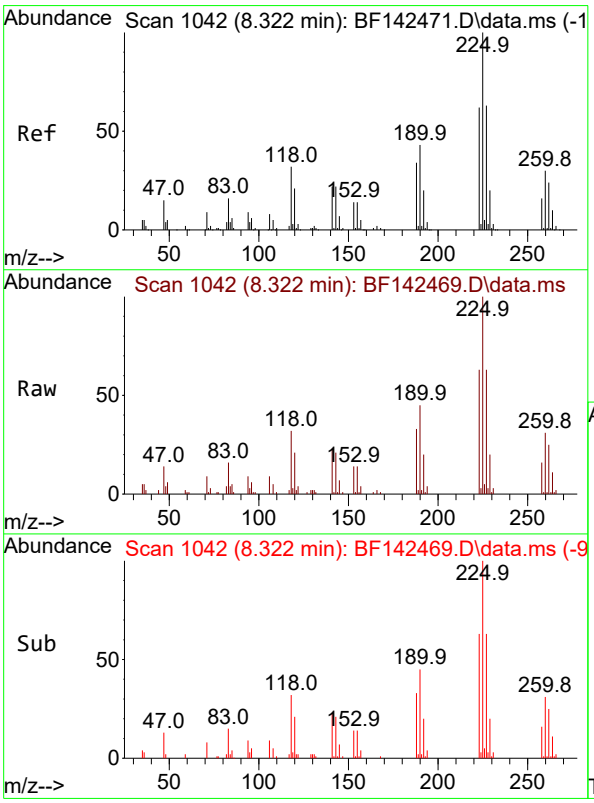
#33
4-Chloroaniline
Concen: 10.258 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

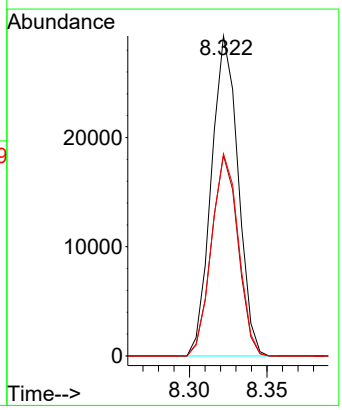


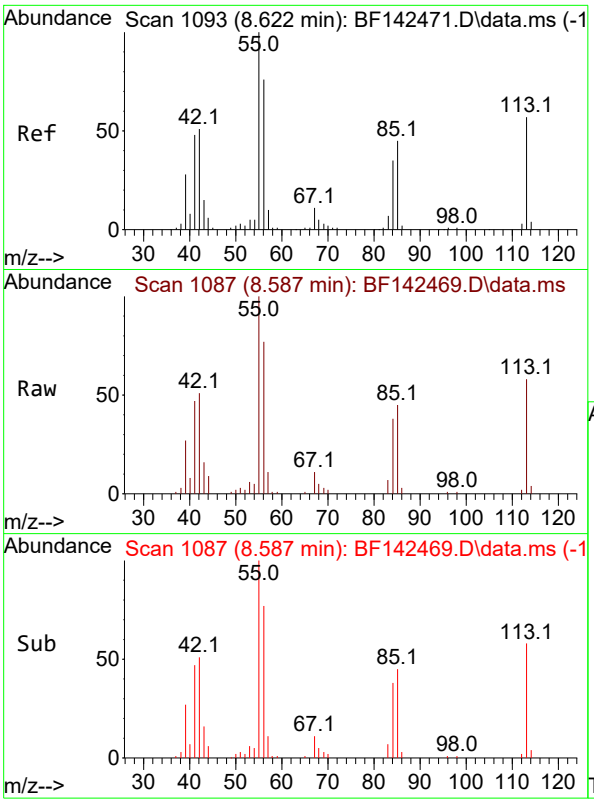


#34
Hexachlorobutadiene
Concen: 10.016 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



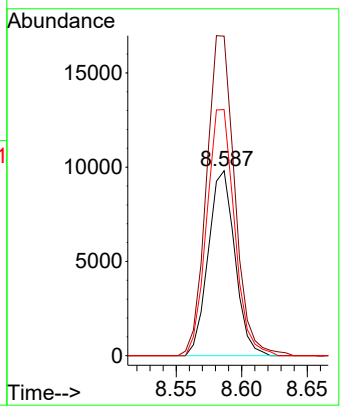


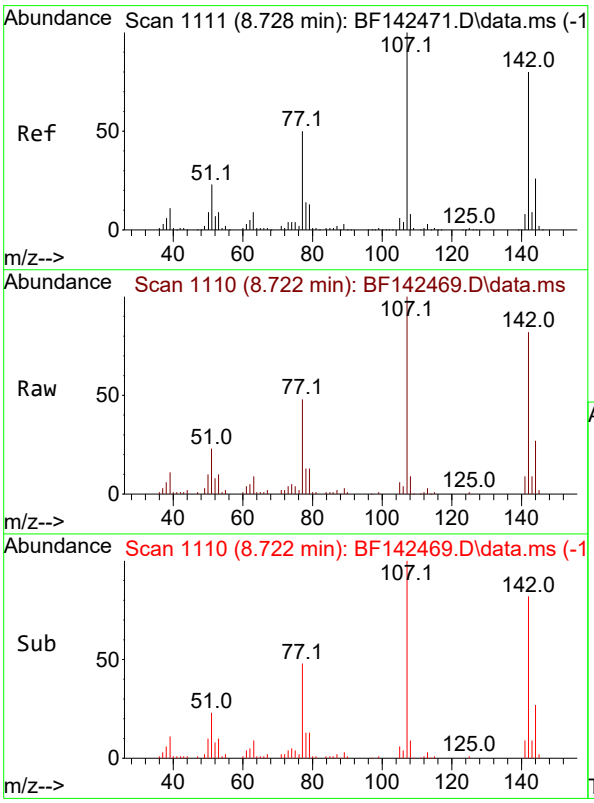
#35
Caprolactam
Concen: 9.527 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

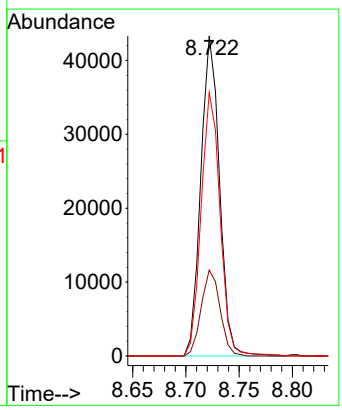


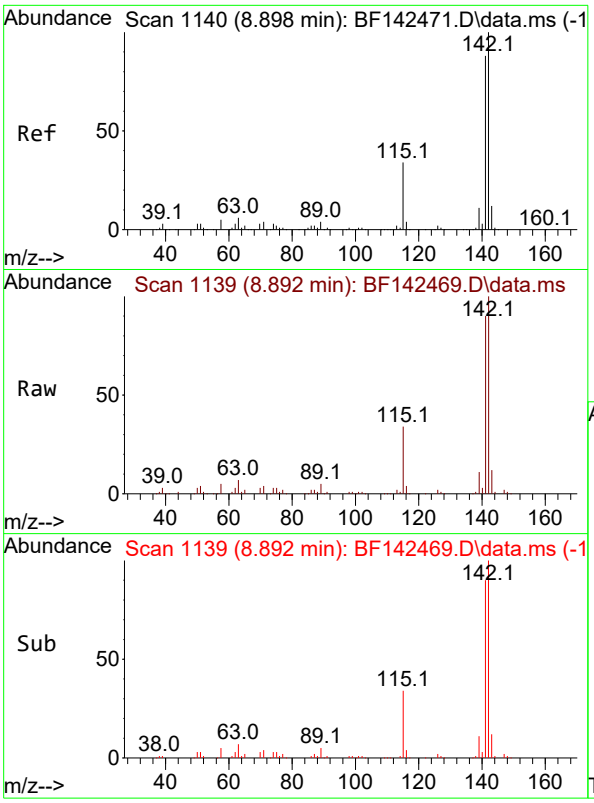


#36
4-Chloro-3-methylphenol
Concen: 9.968 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



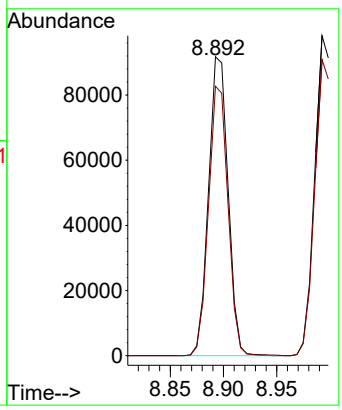


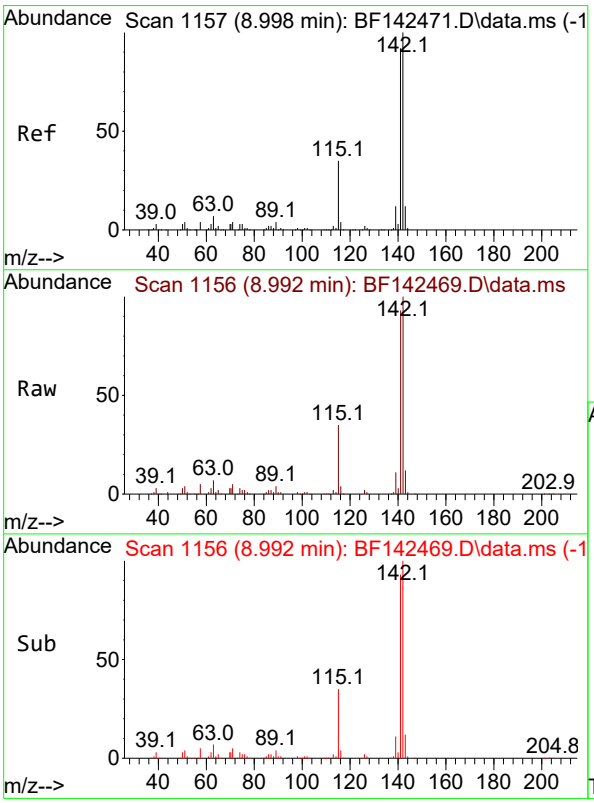
#37
2-Methylnaphthalene
Concen: 10.298 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 116592

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.7	106.1

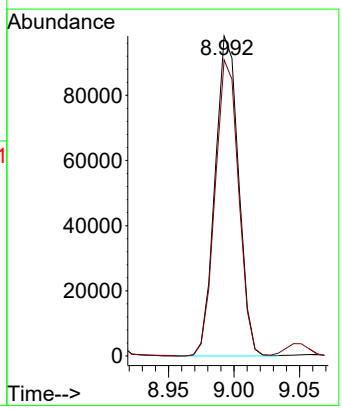


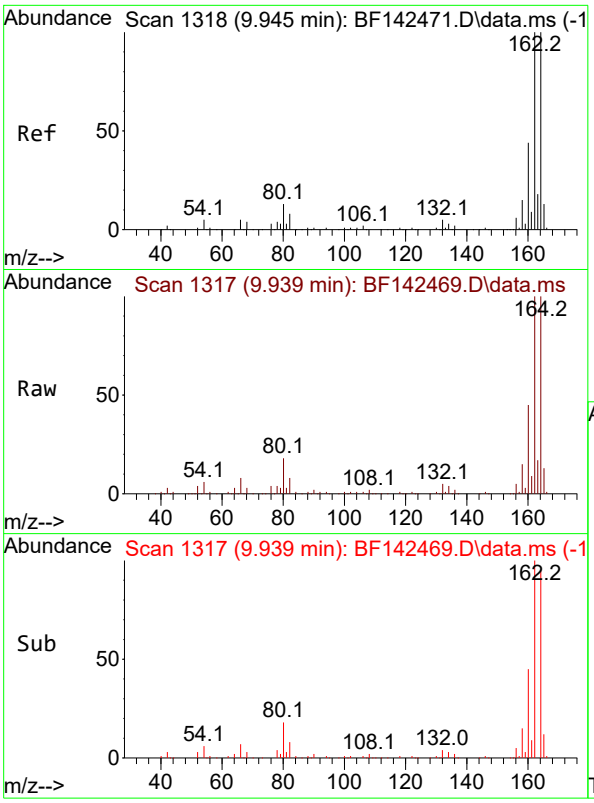


#38
1-Methylnaphthalene
Concen: 10.429 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:142 Resp: 122130

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.2



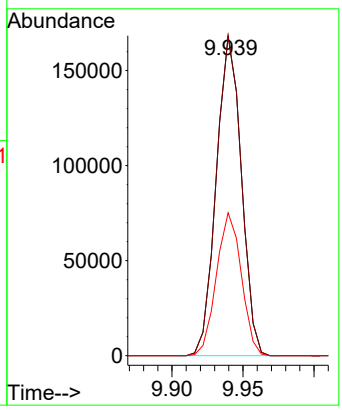


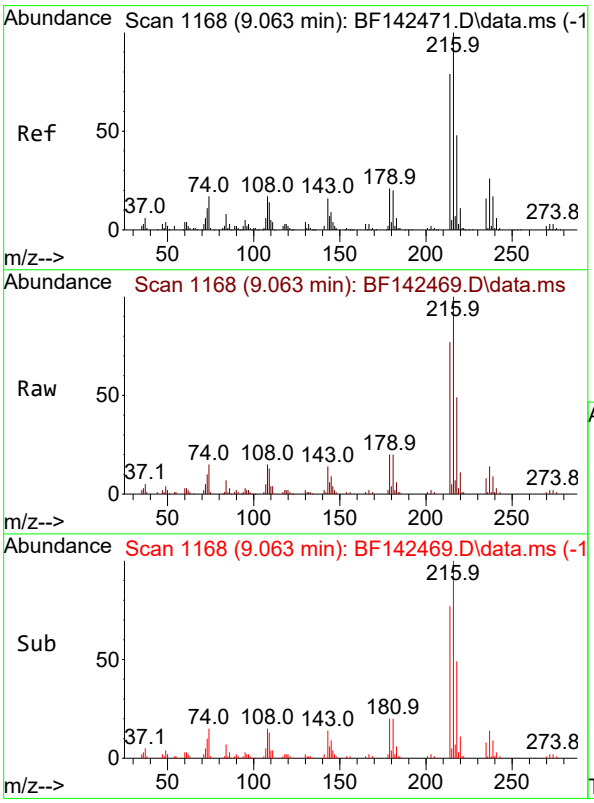
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

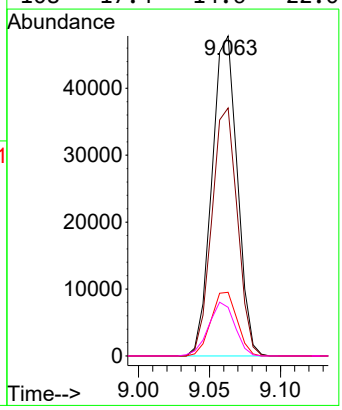


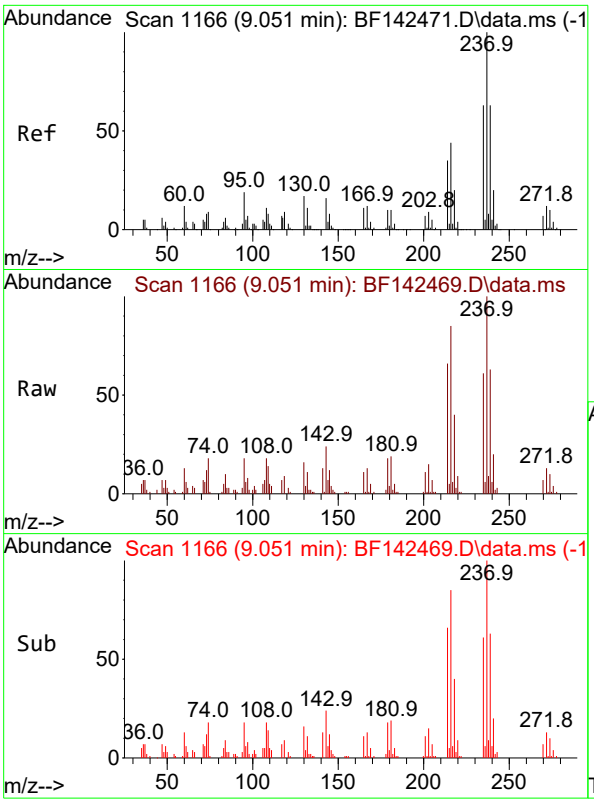


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.097 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



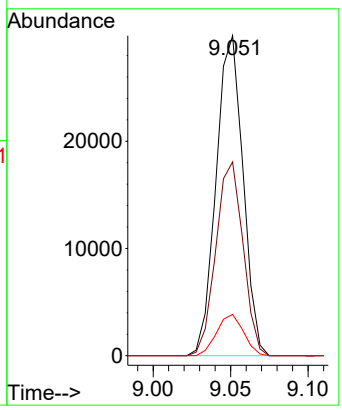


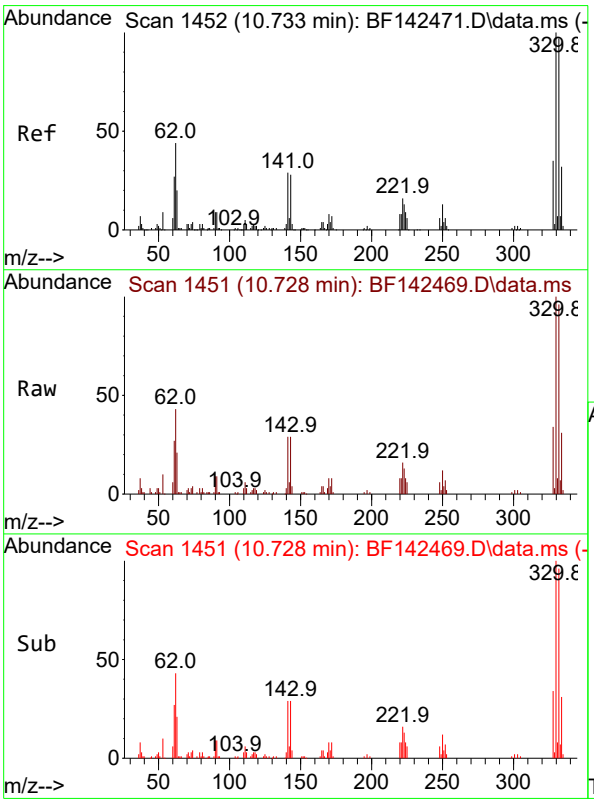
#41
Hexachlorocyclopentadiene
Concen: 9.044 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

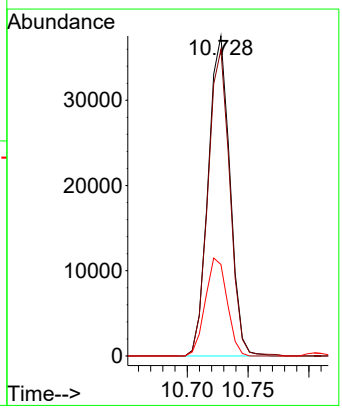


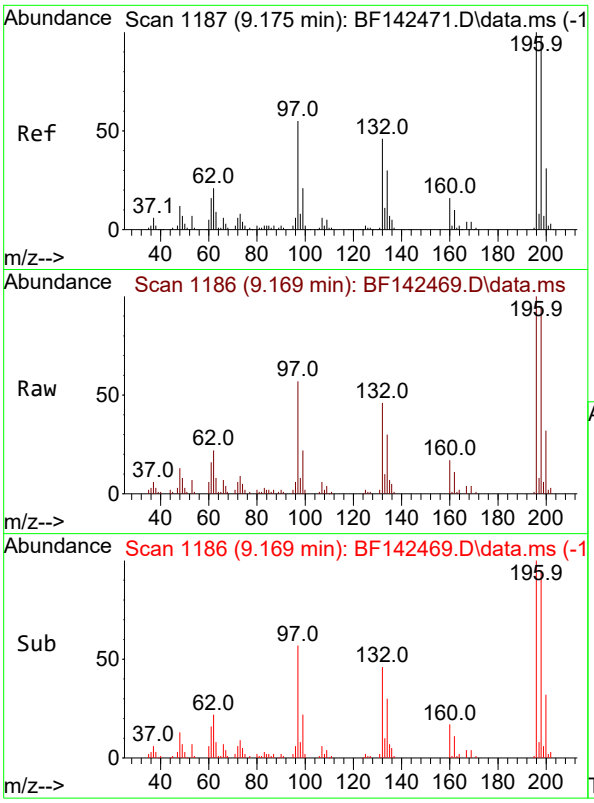


#42
2,4,6-Tribromophenol
Concen: 20.276 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



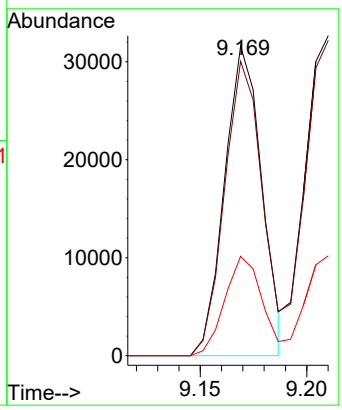


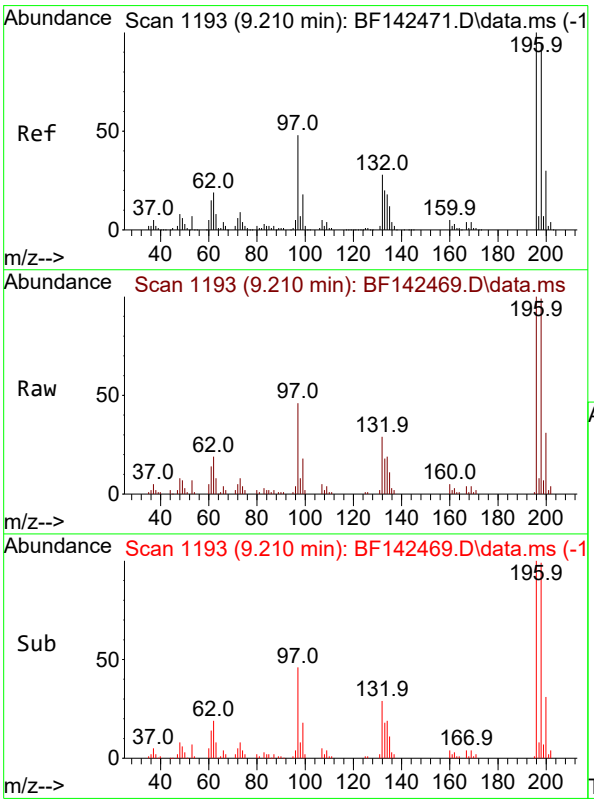
#43
2,4,6-Trichlorophenol
Concen: 9.635 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

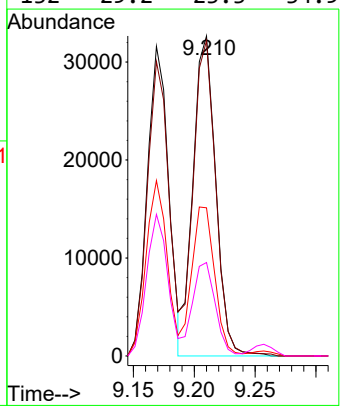


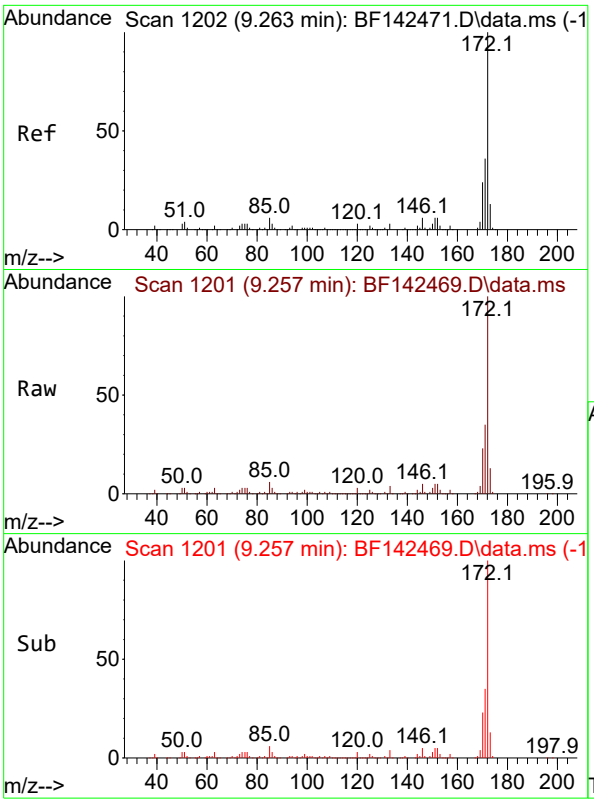


#44
2,4,5-Trichlorophenol
Concen: 10.069 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



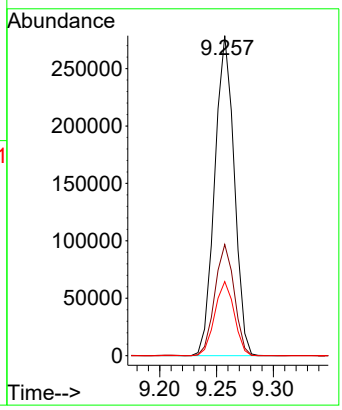


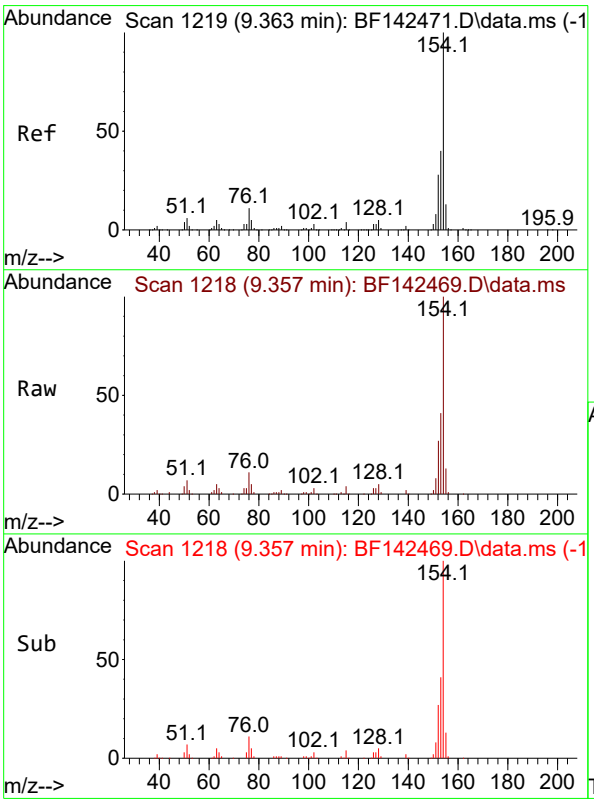
#45
2-Fluorobiphenyl
Concen: 21.719 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

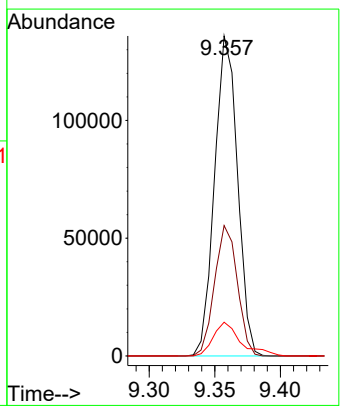


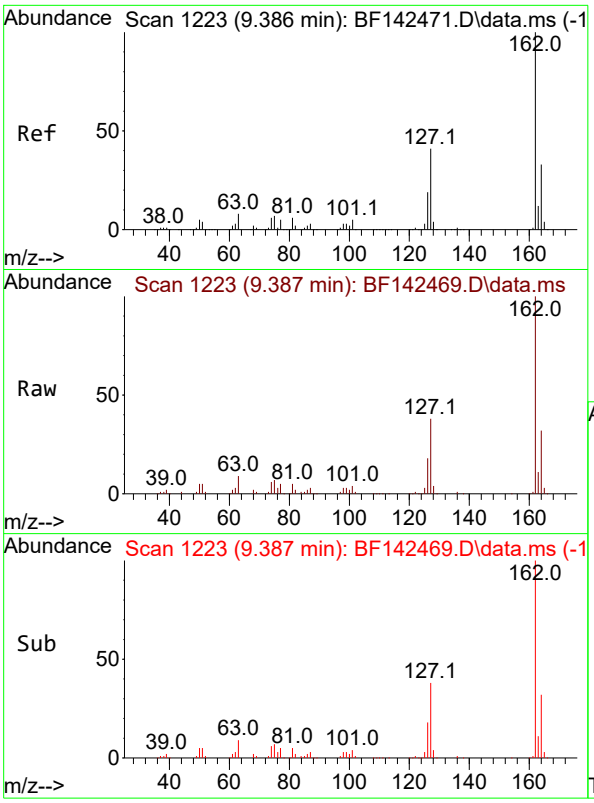


#46
1,1'-Biphenyl
Concen: 10.346 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



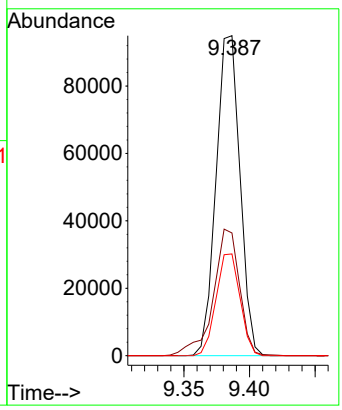


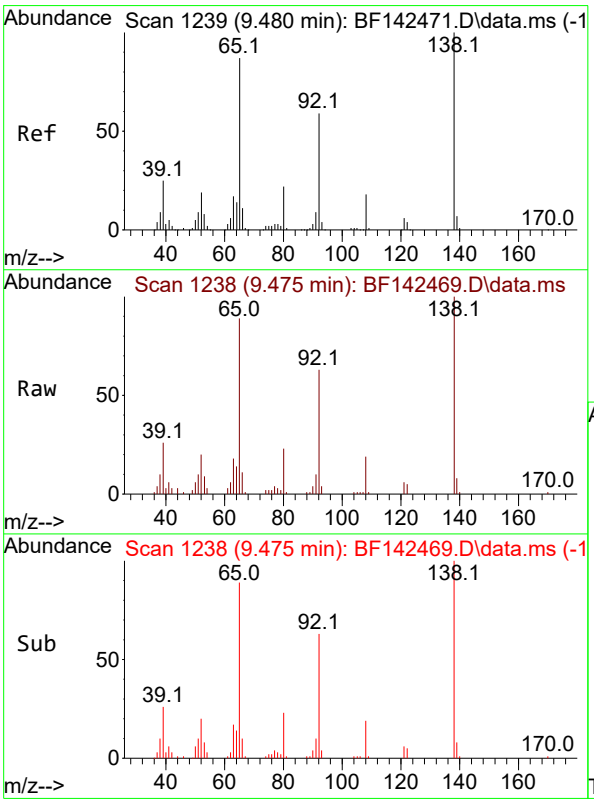
#47
2-Chloronaphthalene
Concen: 10.208 ng
RT: 9.387 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

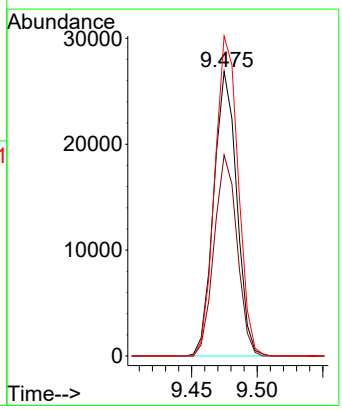


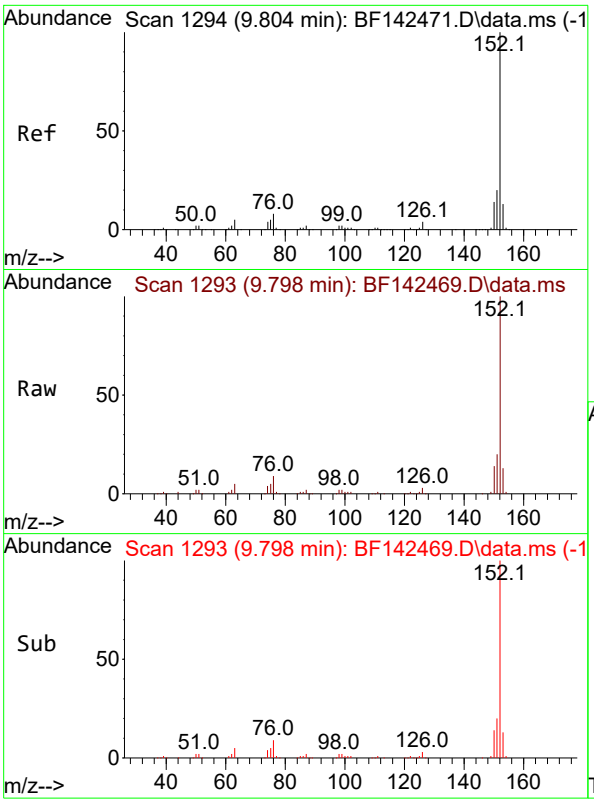


#48
2-Nitroaniline
Concen: 9.604 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



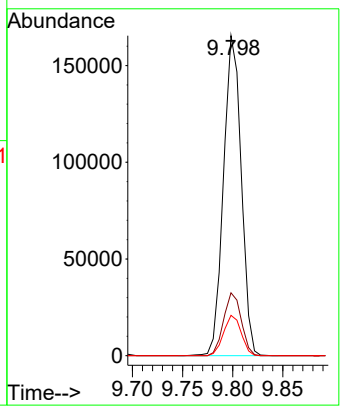


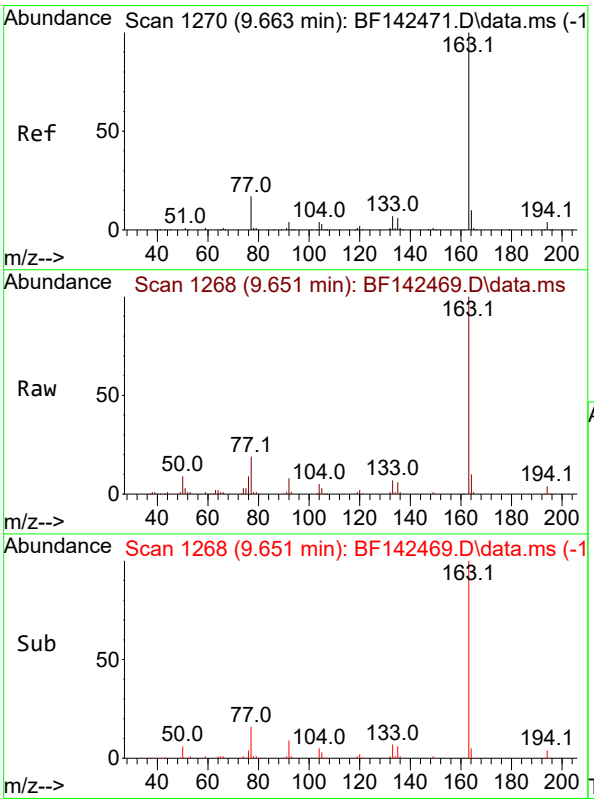
#49
Acenaphthylene
Concen: 10.237 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

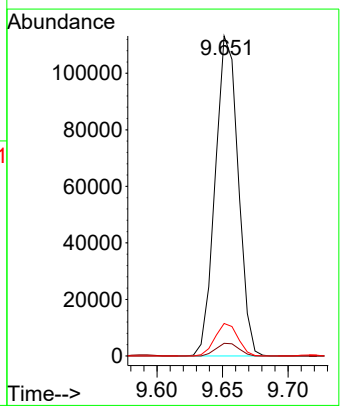


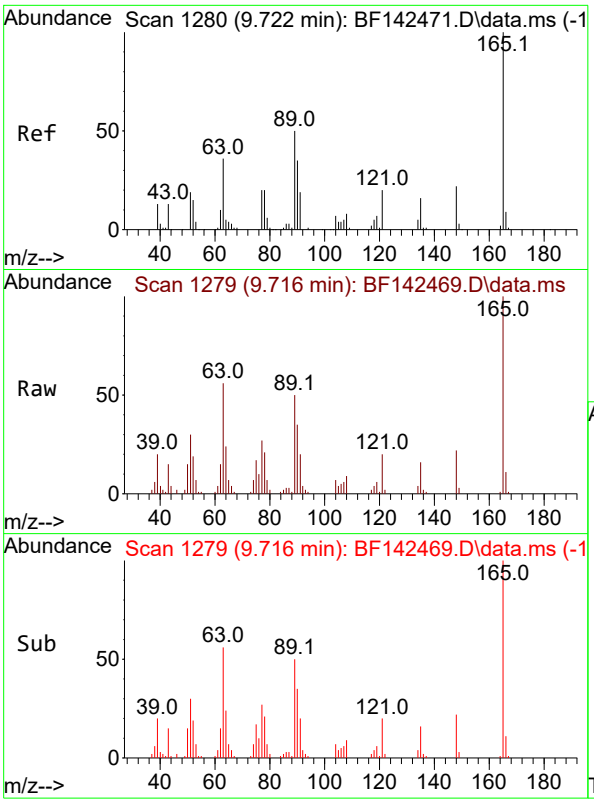


#50
Dimethylphthalate
Concen: 10.155 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



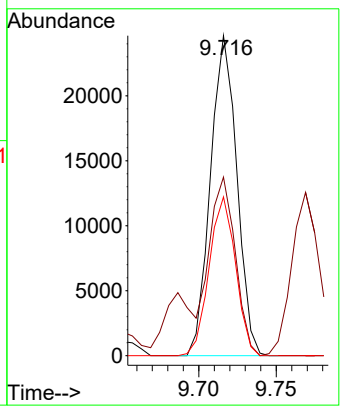


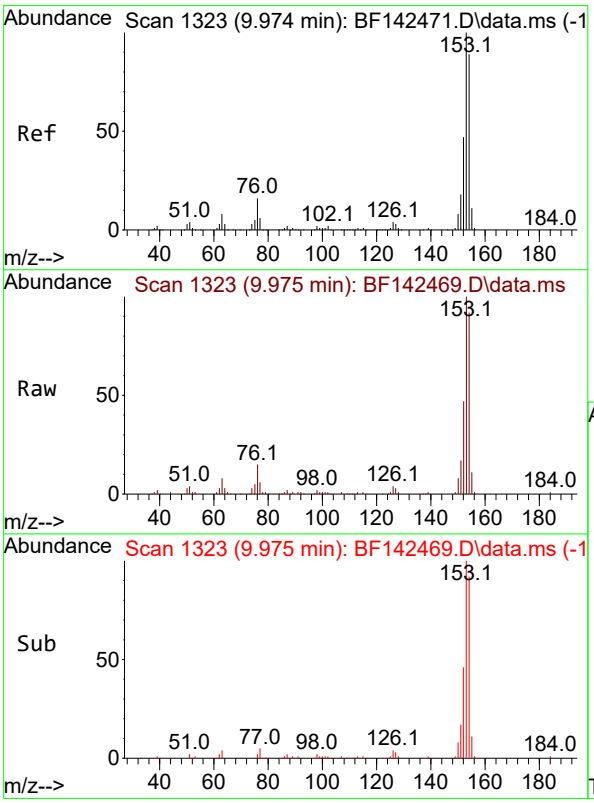
#51
2,6-Dinitrotoluene
Concen: 9.940 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

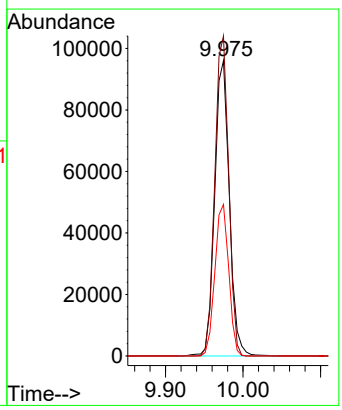


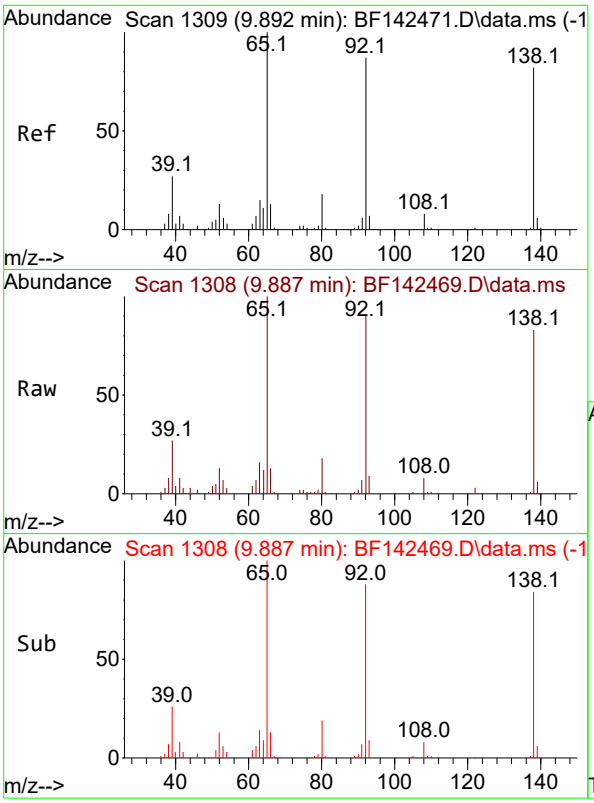


#52
Acenaphthene
Concen: 10.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



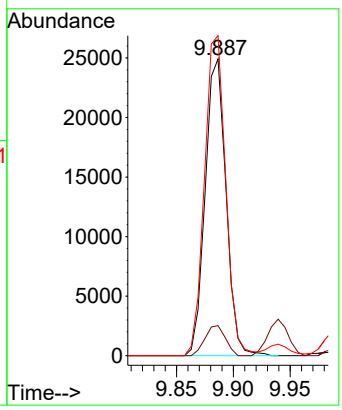


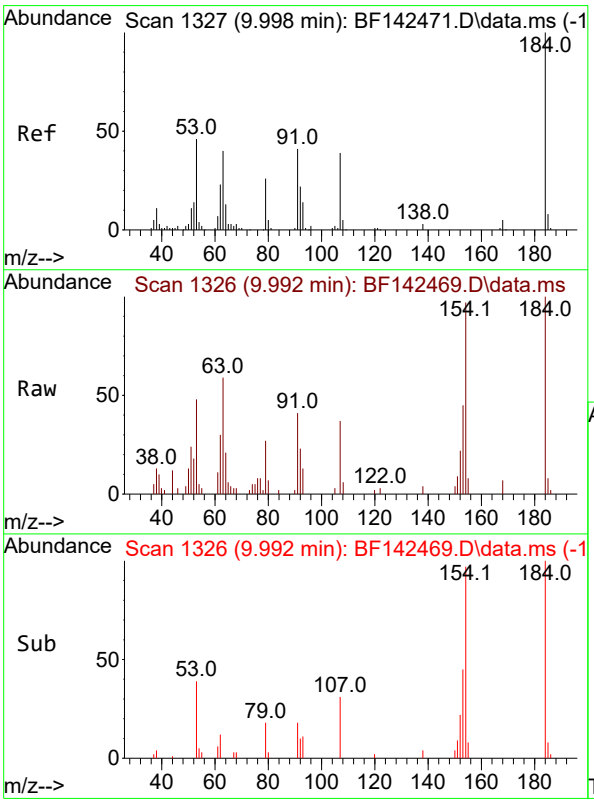
#53
3-Nitroaniline
Concen: 9.947 ng
RT: 9.887 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

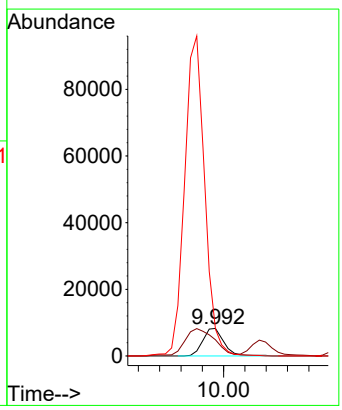


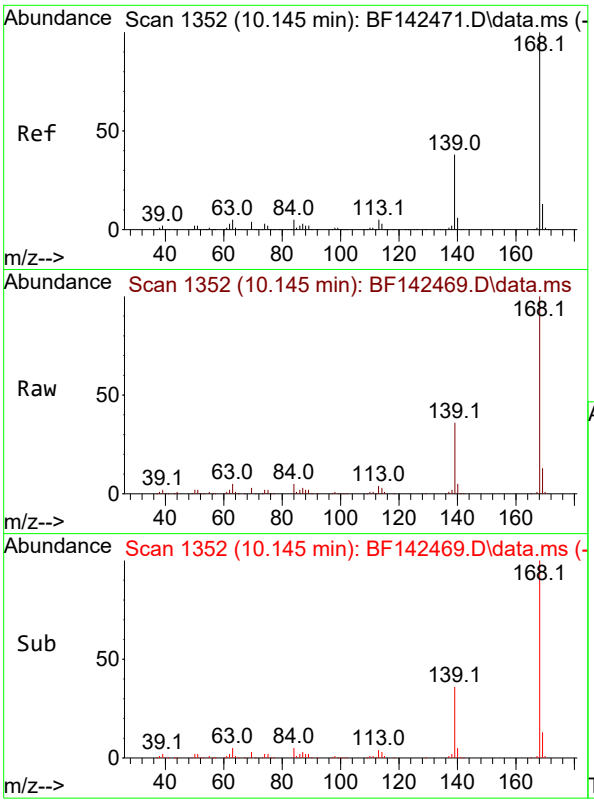


#54
2,4-Dinitrophenol
Concen: 7.502 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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#



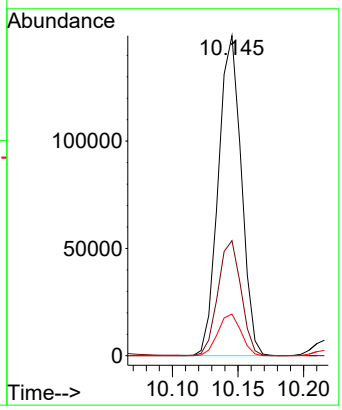


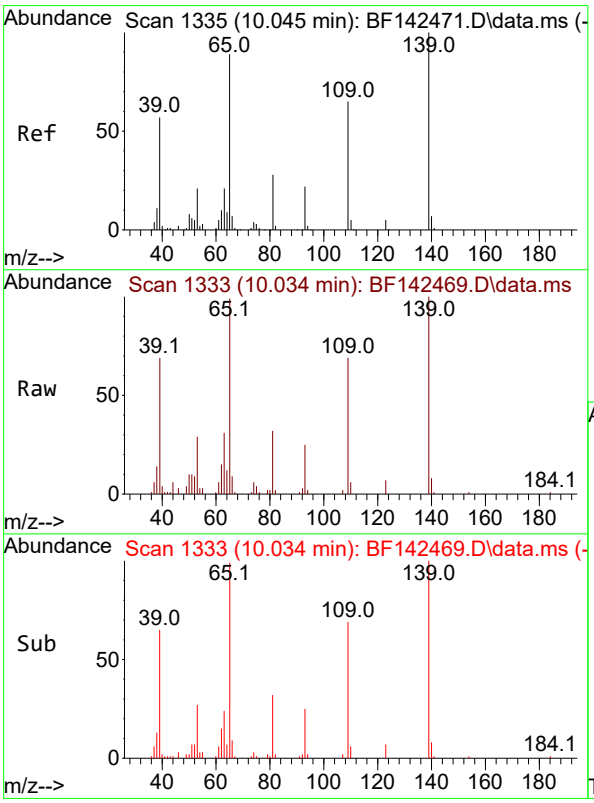
#55
Dibenzofuran
Concen: 10.380 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

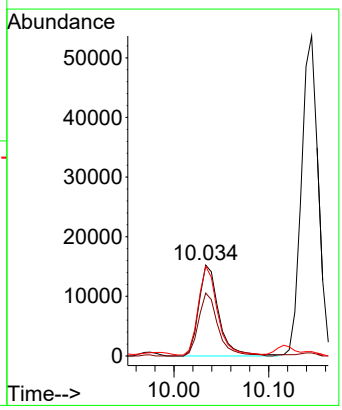


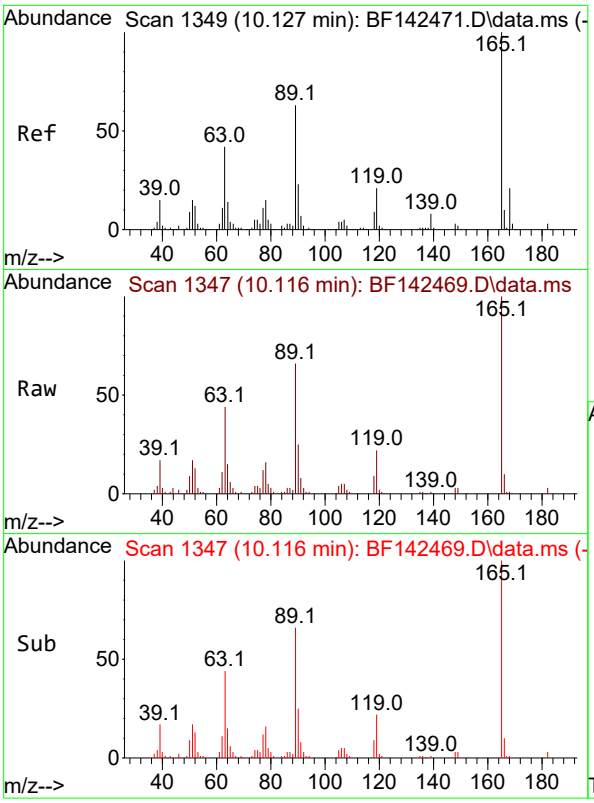


#56
4-Nitrophenol
Concen: 9.456 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



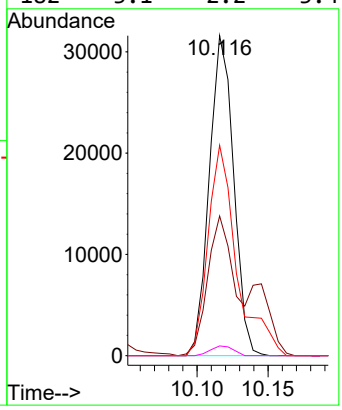


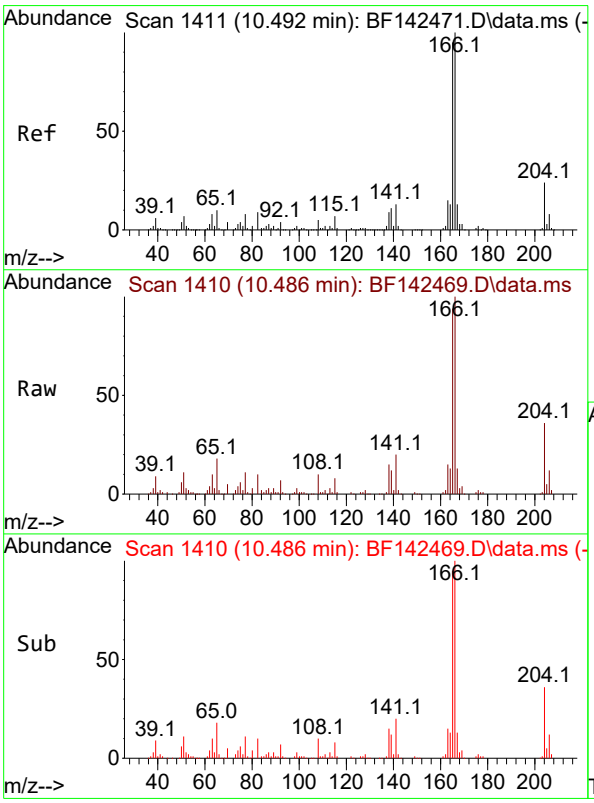
#57
2,4-Dinitrotoluene
Concen: 9.869 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

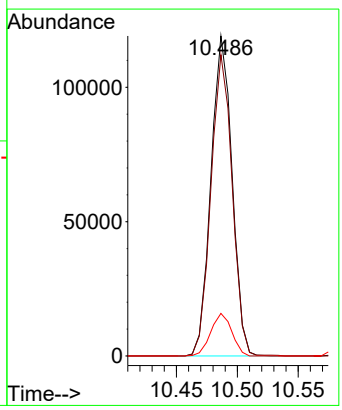


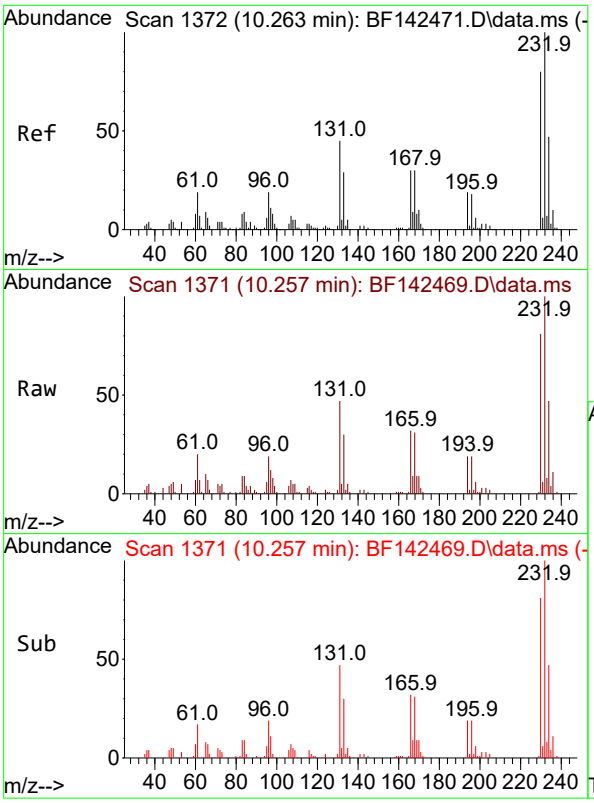


#58
Fluorene
Concen: 10.648 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



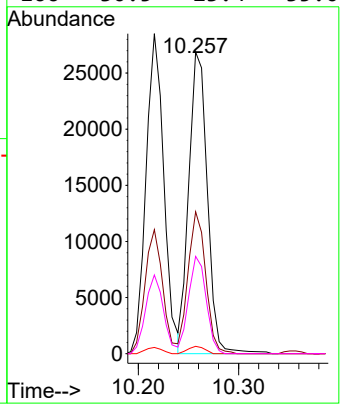


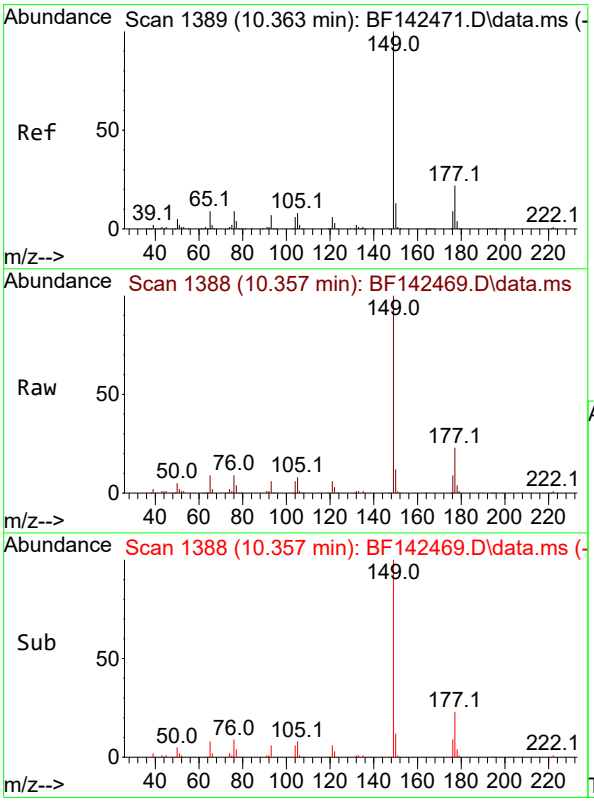
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.857 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

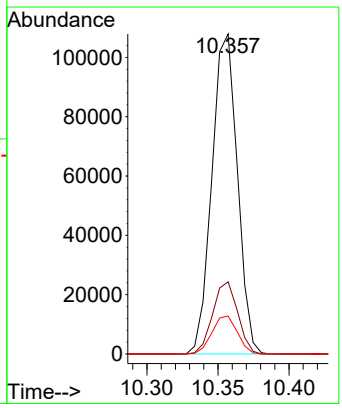


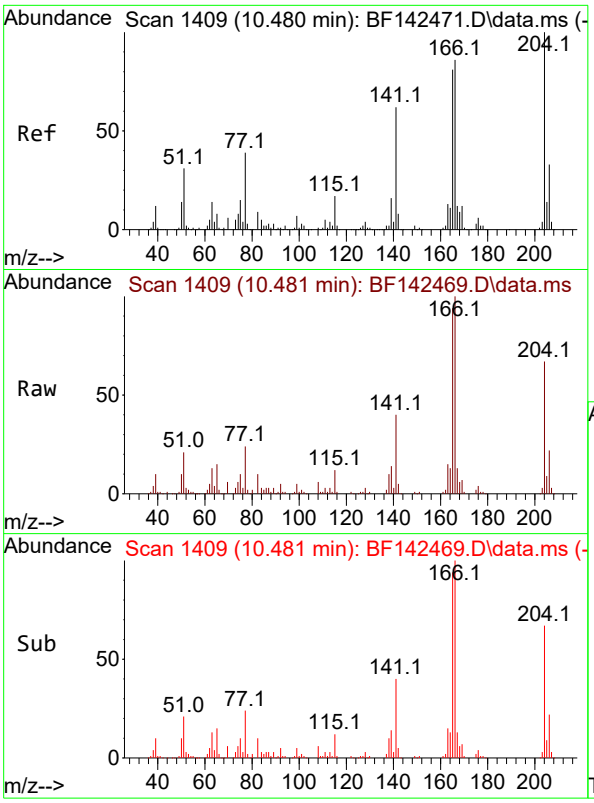


#60
Diethylphthalate
Concen: 10.161 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



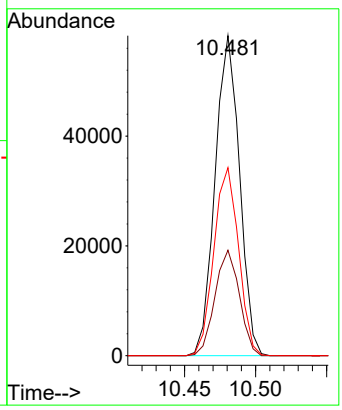


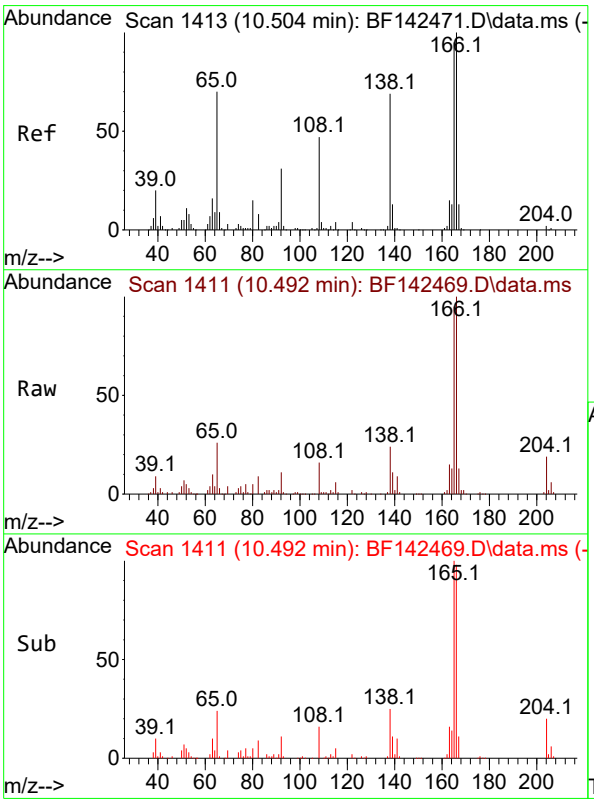
#61
4-Chlorophenyl-phenylether
Concen: 10.506 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

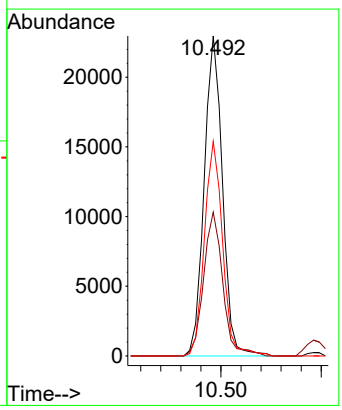


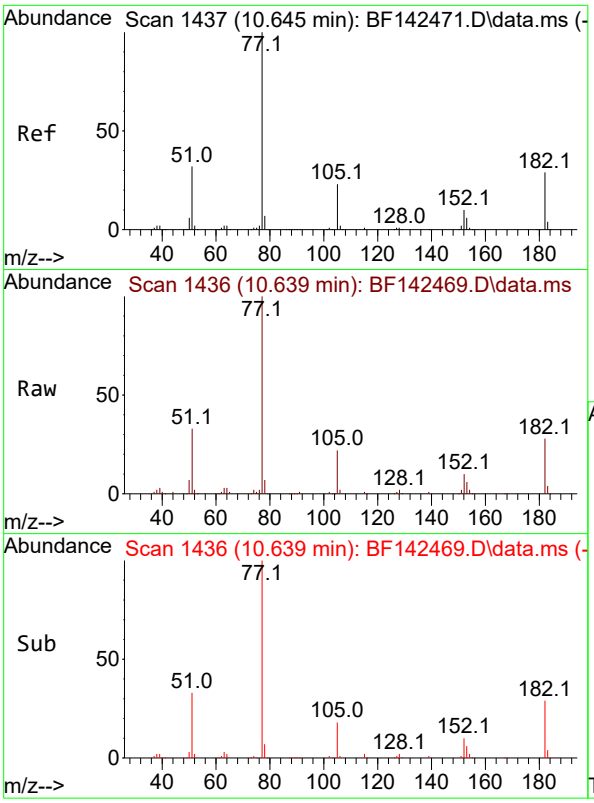


#62
4-Nitroaniline
Concen: 10.038 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



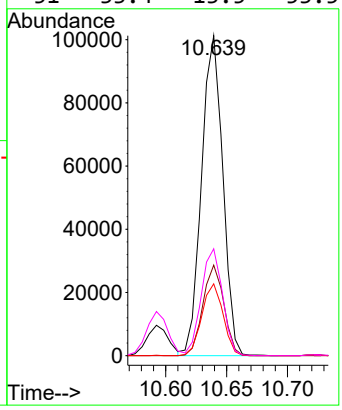


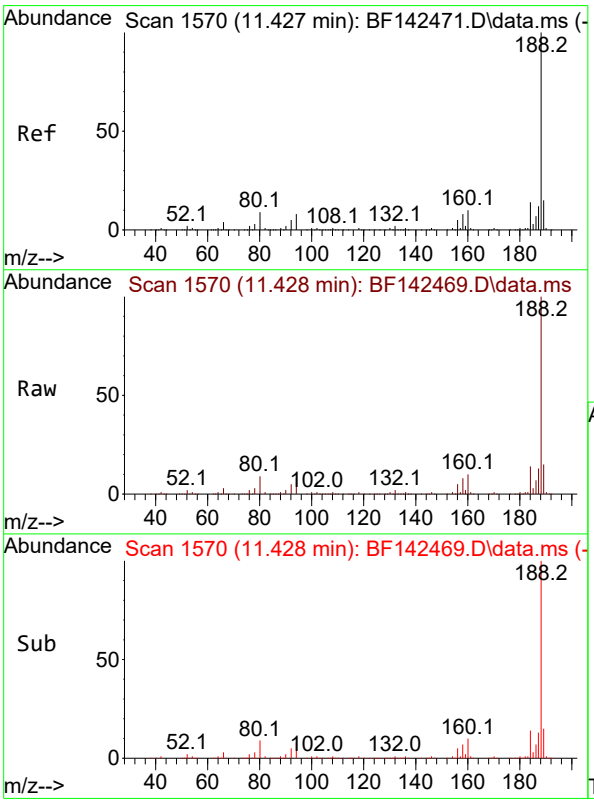
#63
Azobenzene
Concen: 10.317 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

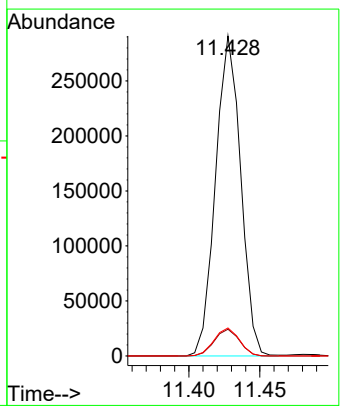


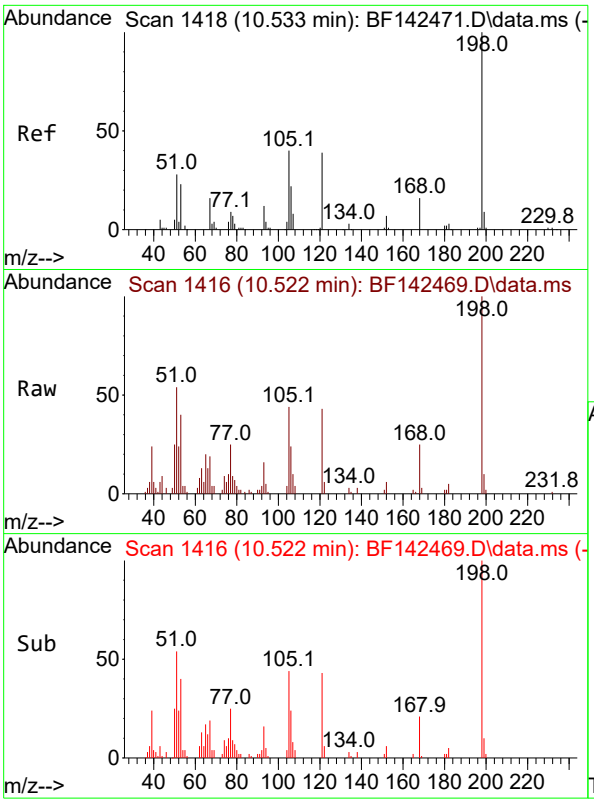


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



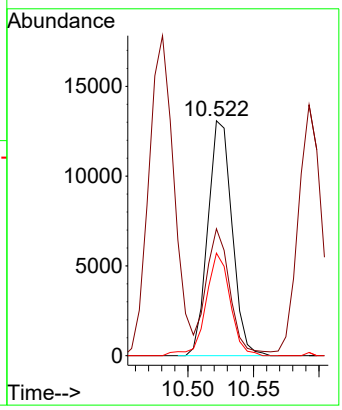


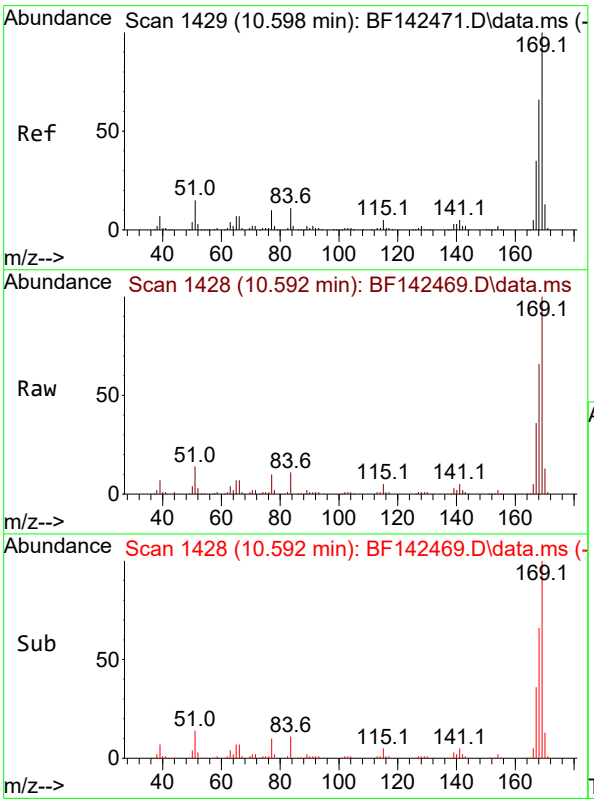
#65
4,6-Dinitro-2-methylphenol
Concen: 8.403 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

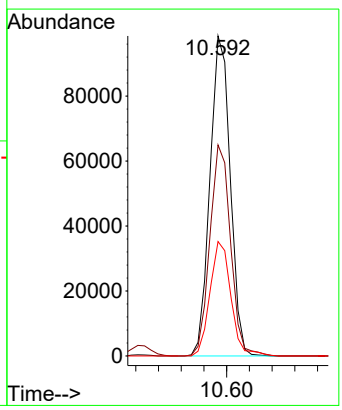


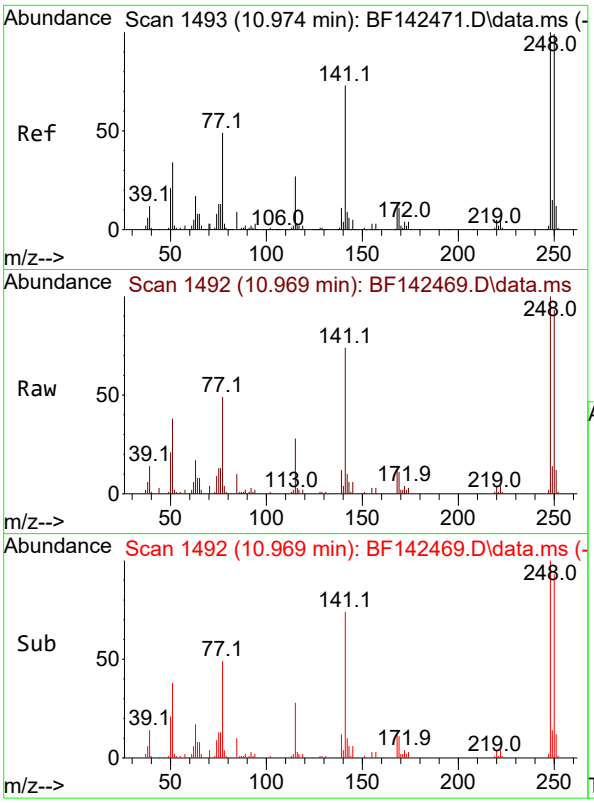


#66
n-Nitrosodiphenylamine
Concen: 9.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



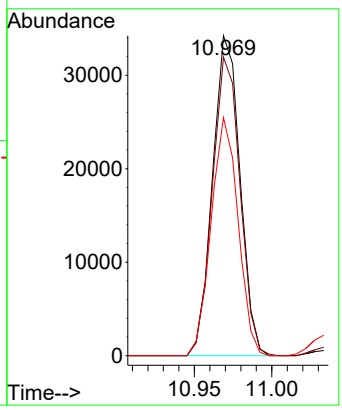


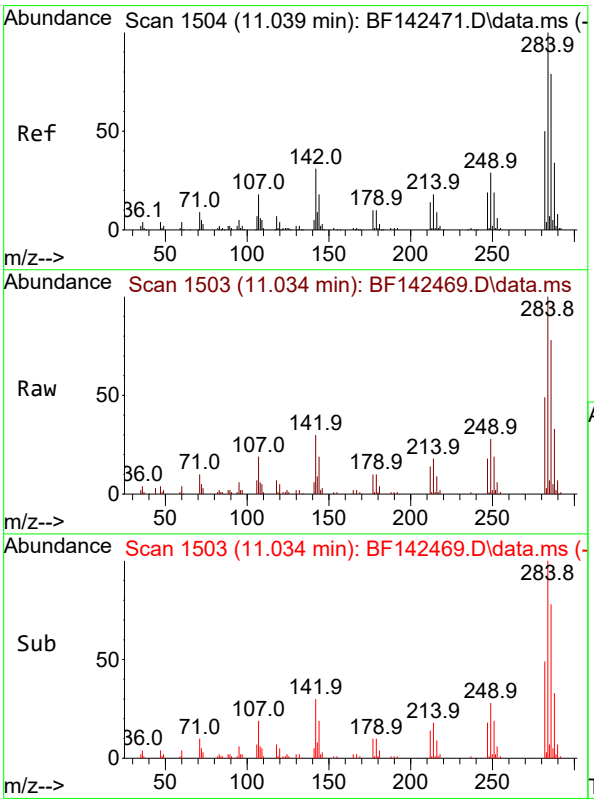
#67
4-Bromophenyl-phenylether
Concen: 9.939 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

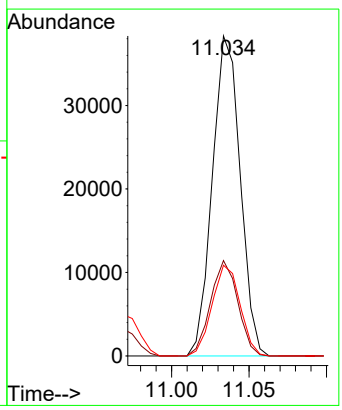


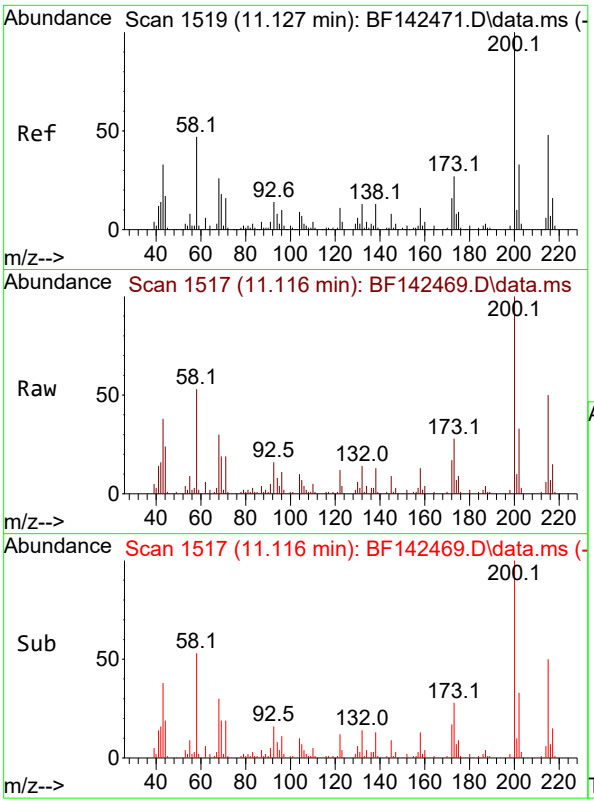


#68
Hexachlorobenzene
Concen: 10.207 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



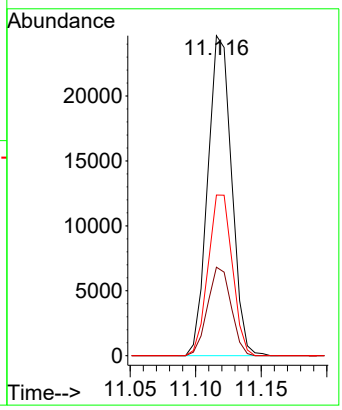


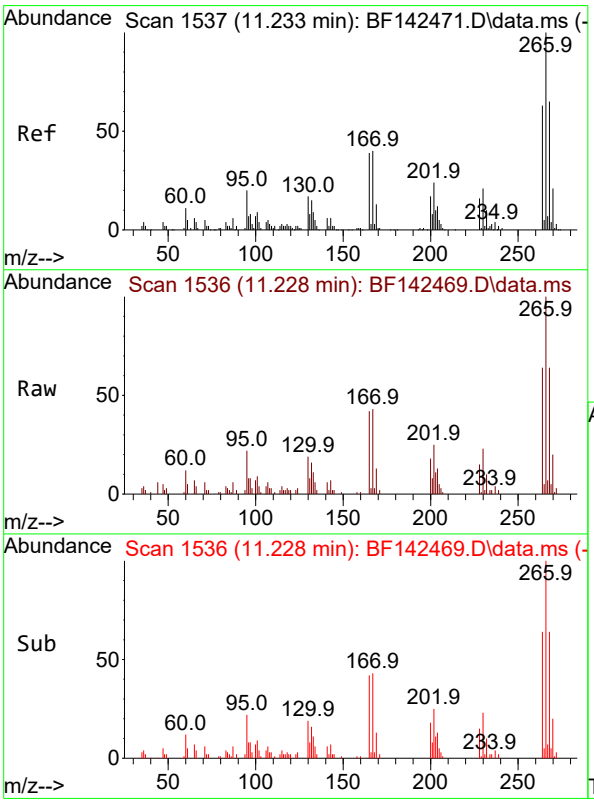
#69
Atrazine
Concen: 9.591 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

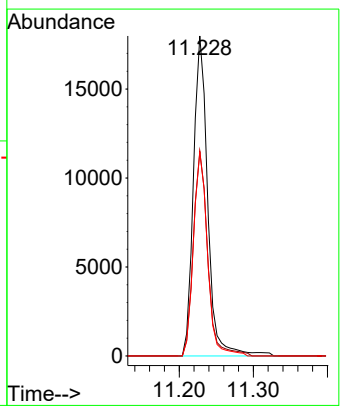


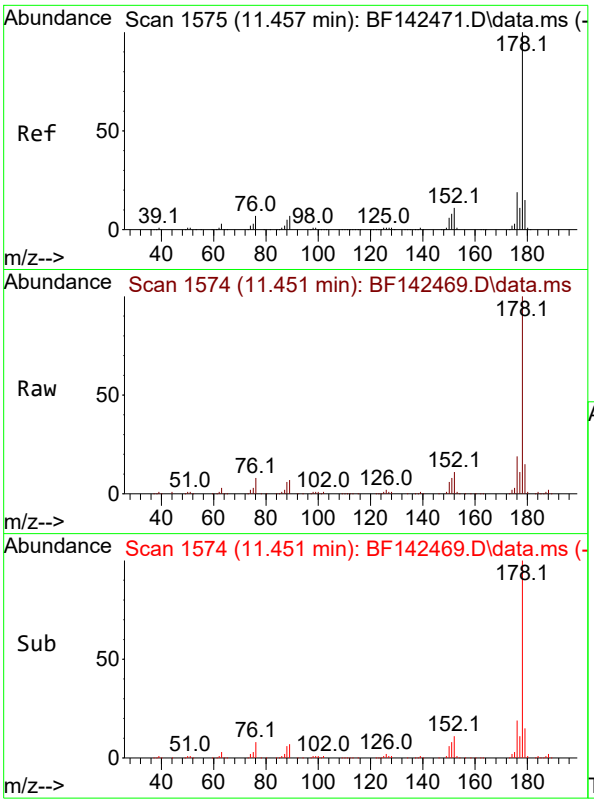


#70
Pentachlorophenol
Concen: 9.126 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



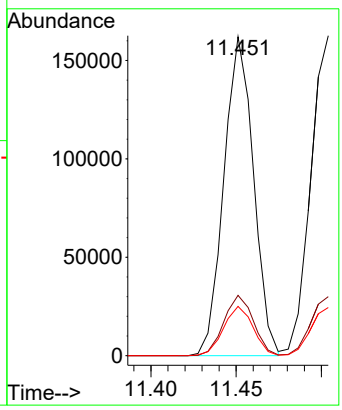


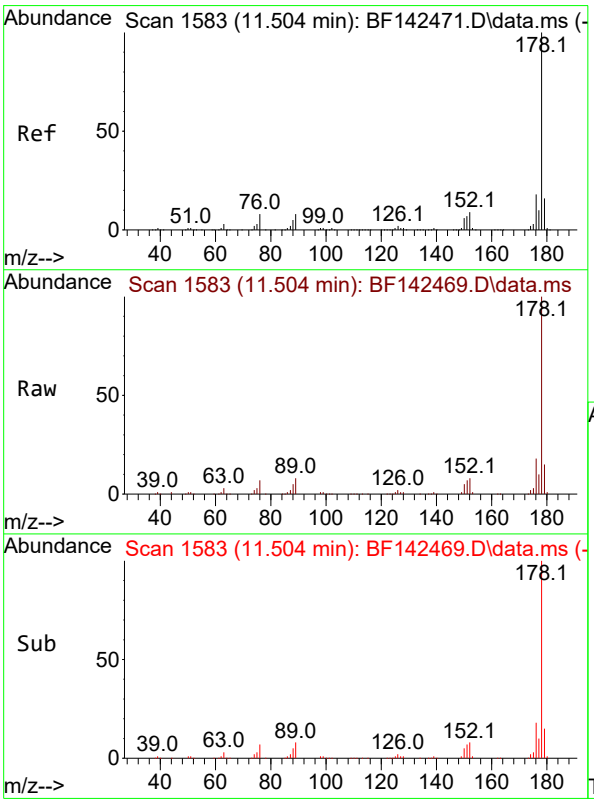
#71
Phenanthrene
Concen: 10.231 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

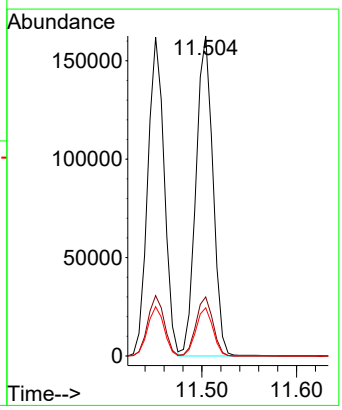


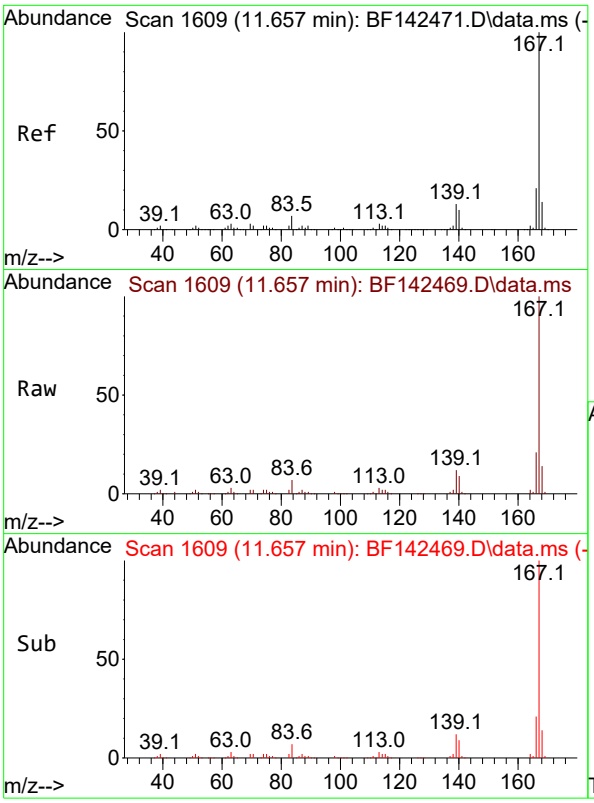


#72
Anthracene
Concen: 10.375 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



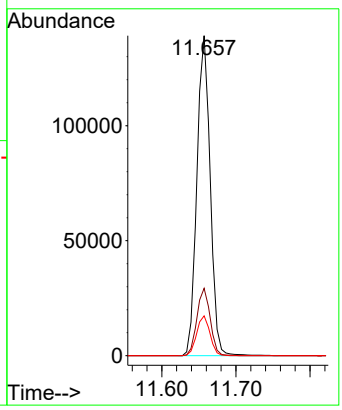


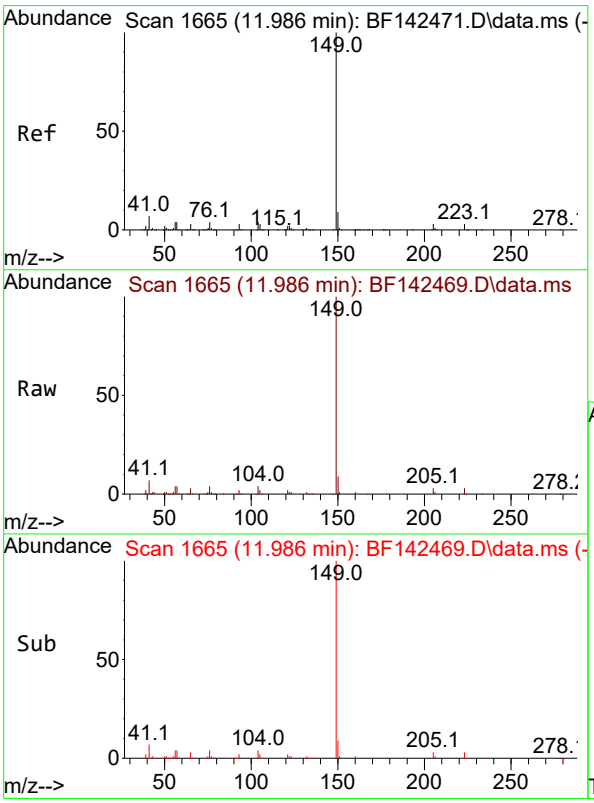
#73
Carbazole
Concen: 10.381 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

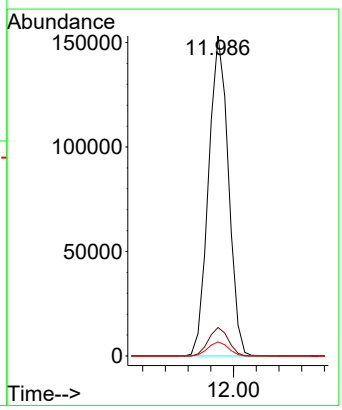


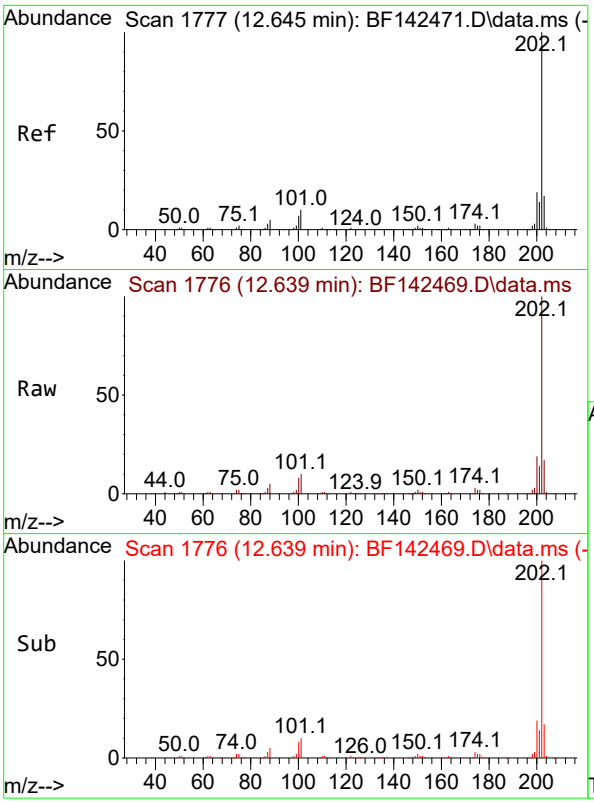


#74
Di-n-butylphthalate
Concen: 10.177 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



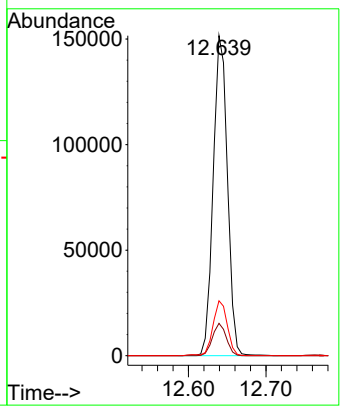


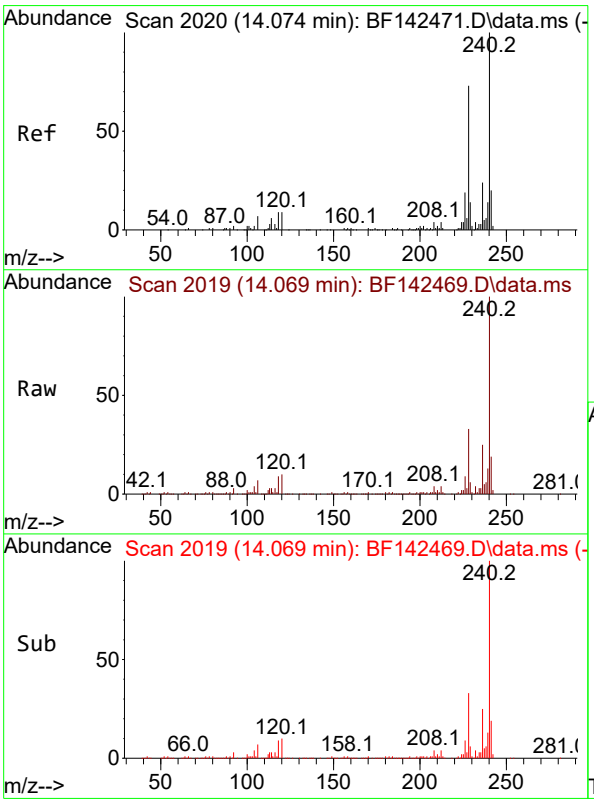
#75
Fluoranthene
Concen: 10.825 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

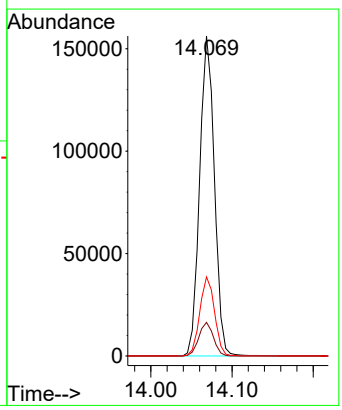


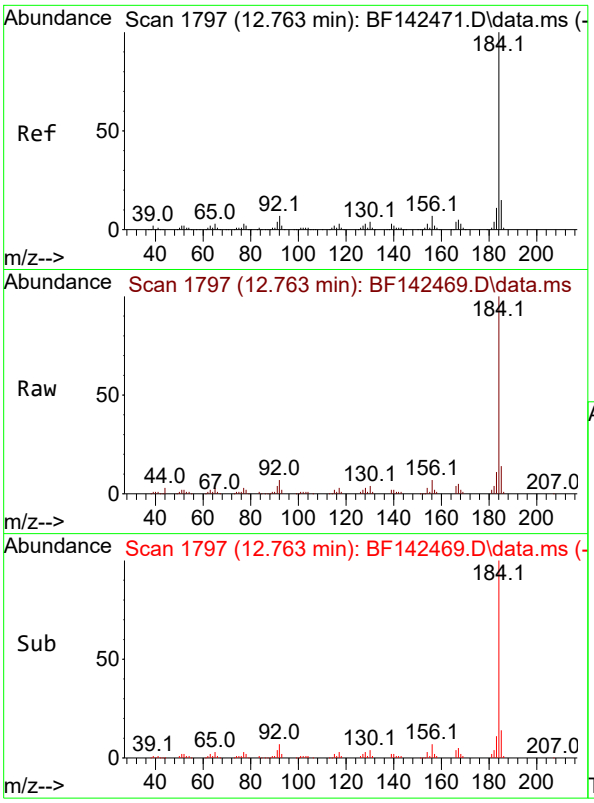


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



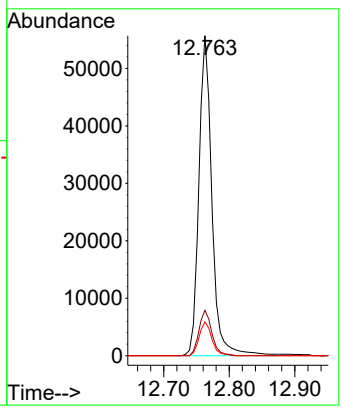


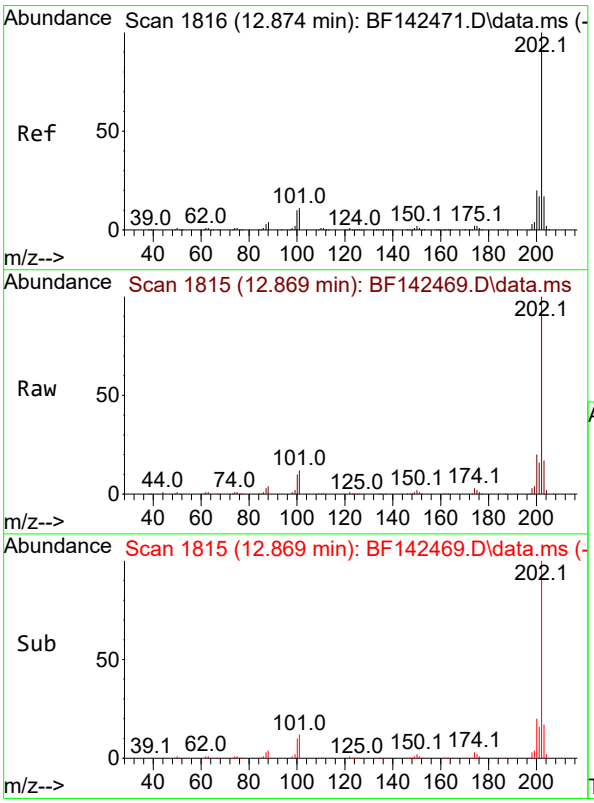
#77
Benzidine
Concen: 10.508 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

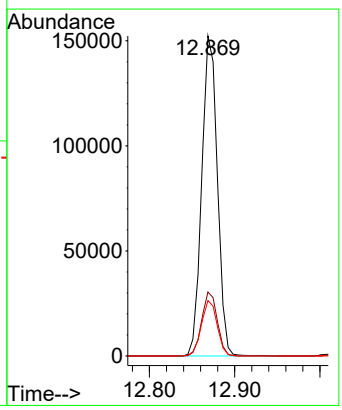


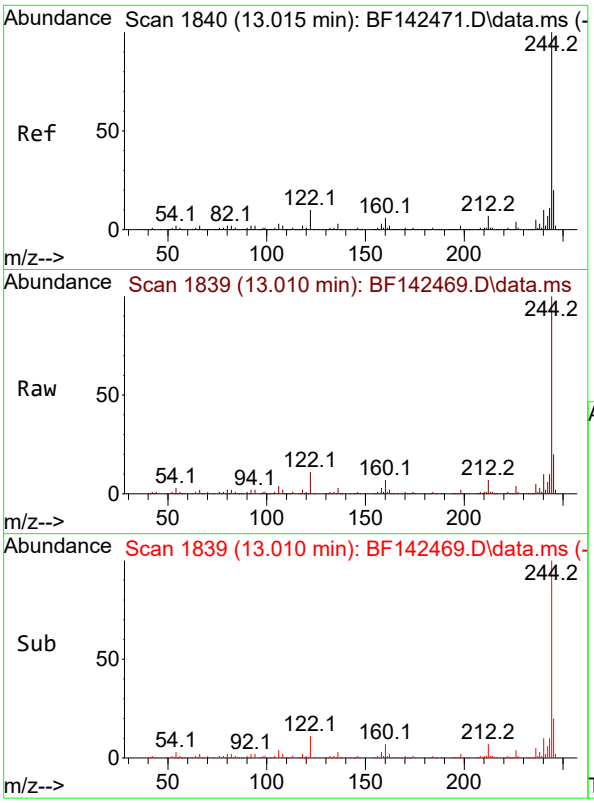


#78
Pyrene
Concen: 10.540 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



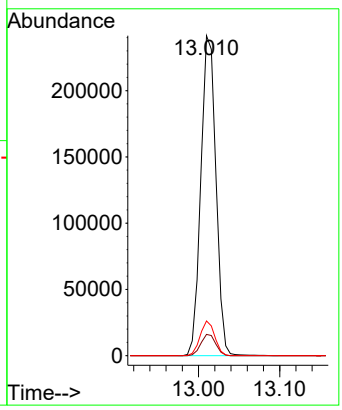


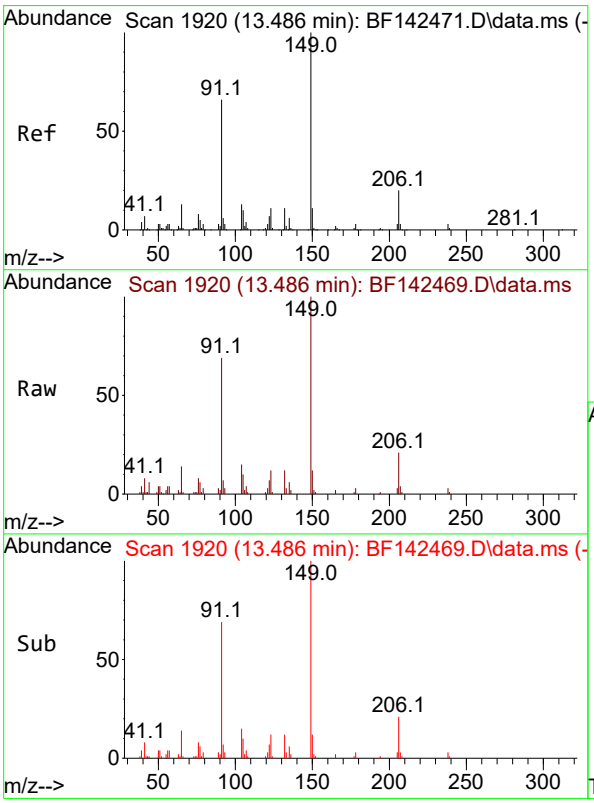
#79
Terphenyl-d14
Concen: 21.612 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

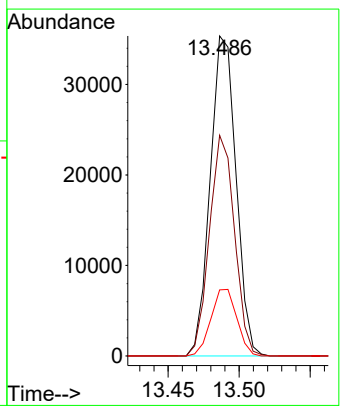


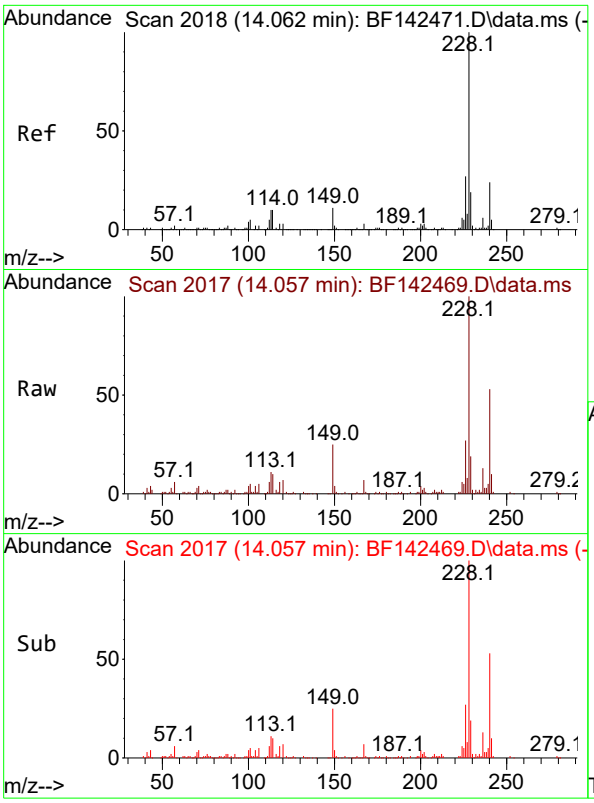


#80
Butylbenzylphthalate
Concen: 8.793 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



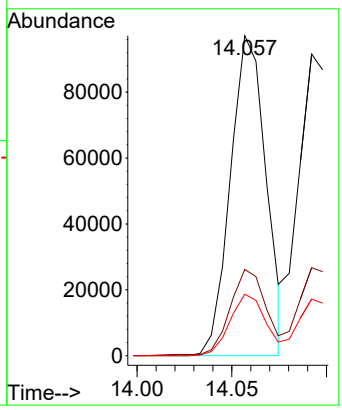


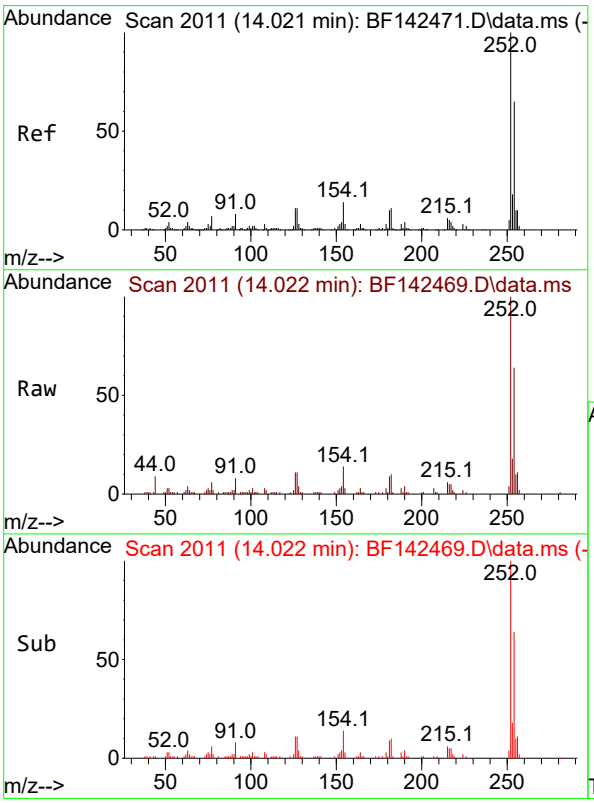
#81
Benzo(a)anthracene
Concen: 9.639 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

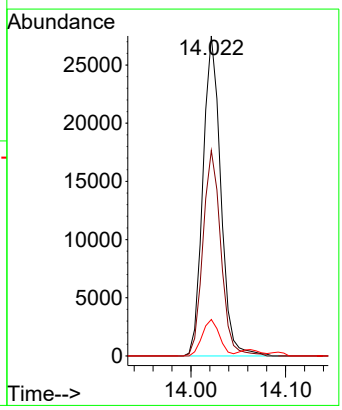


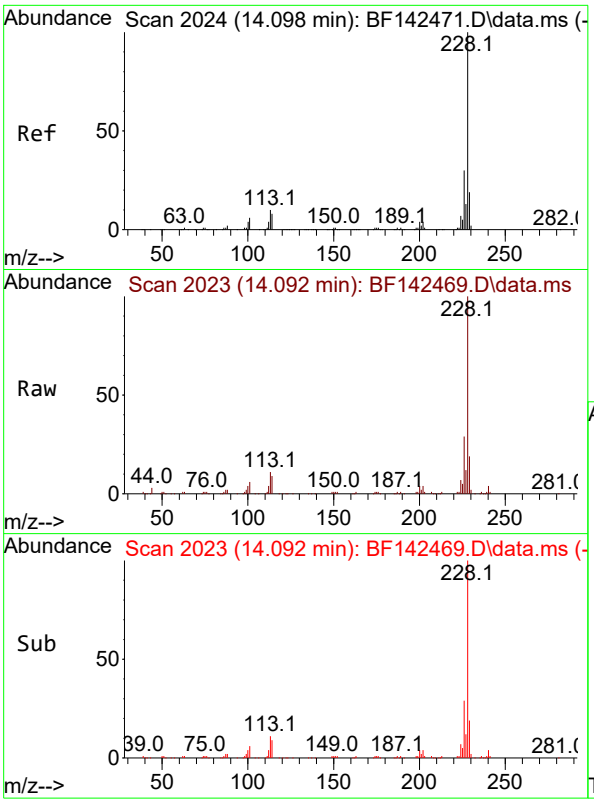


#82
3,3'-Dichlorobenzidine
Concen: 8.977 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



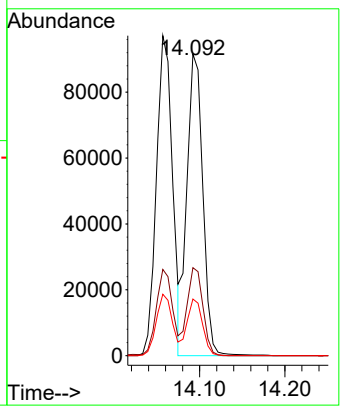


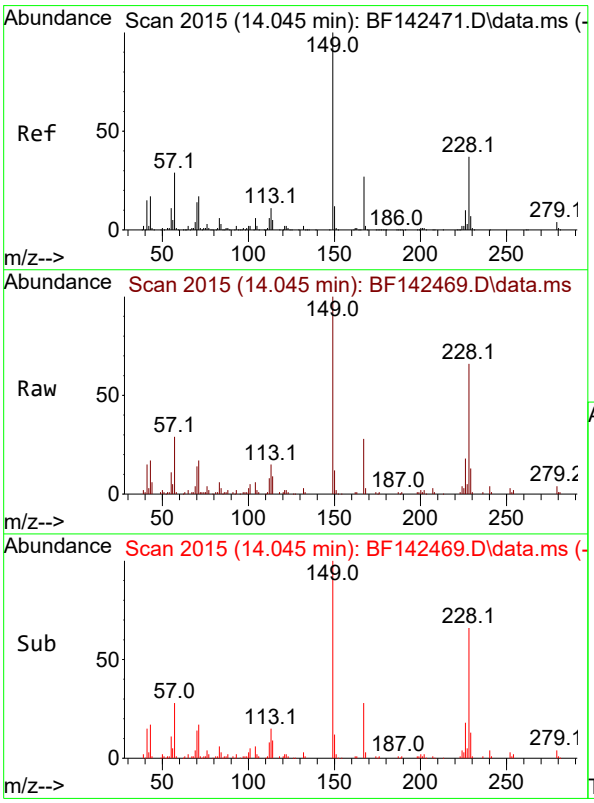
#83
Chrysene
Concen: 10.032 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

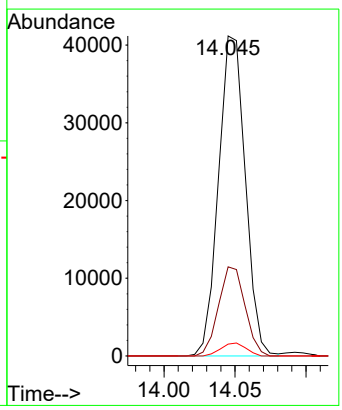


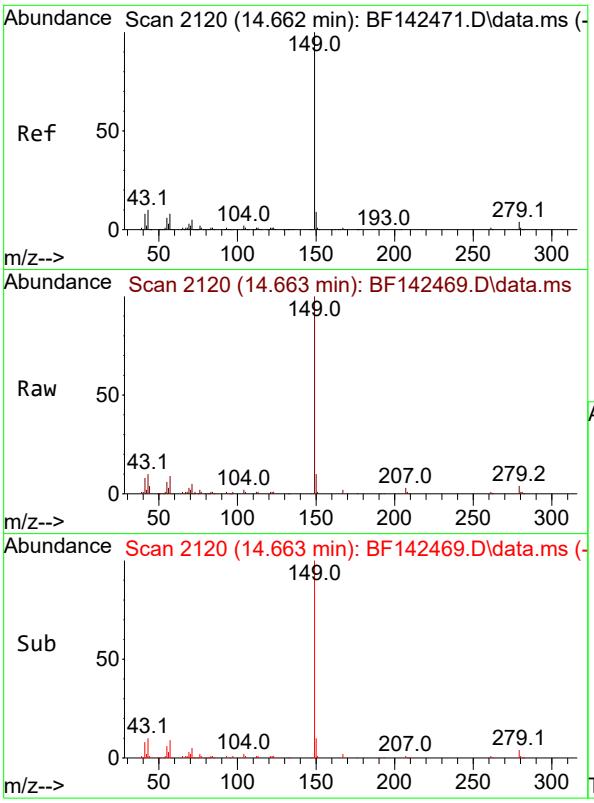


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.310 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



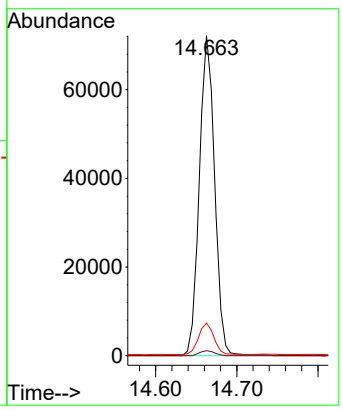


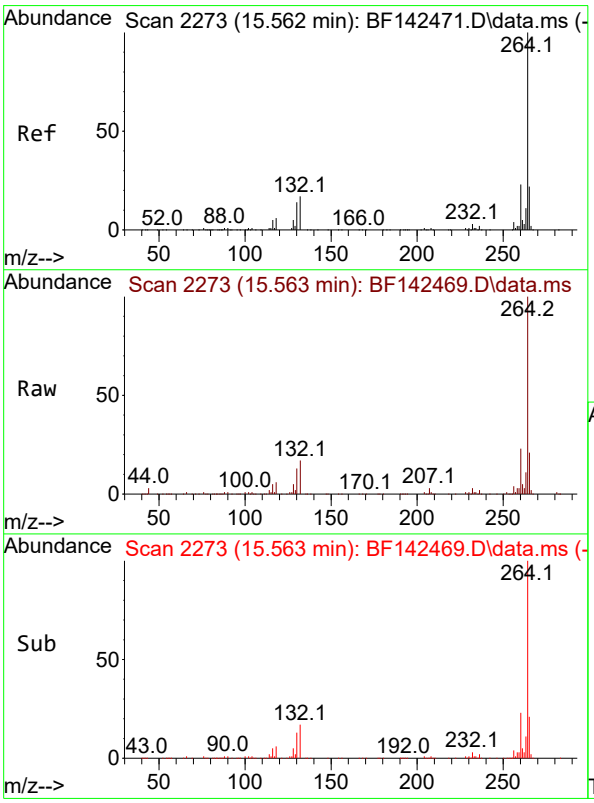
#85
Di-n-octyl phthalate
Concen: 7.425 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

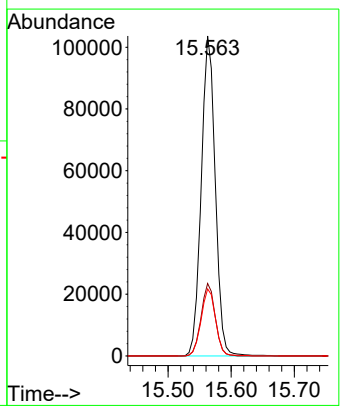


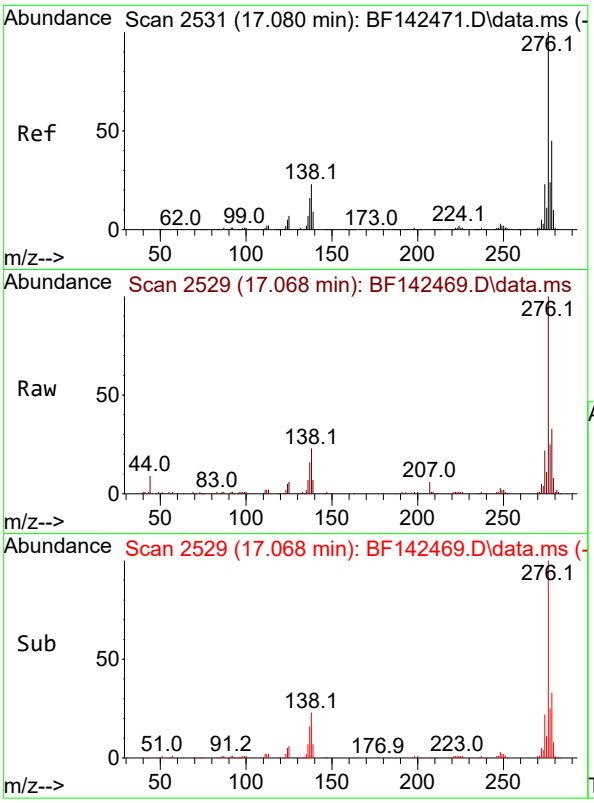


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



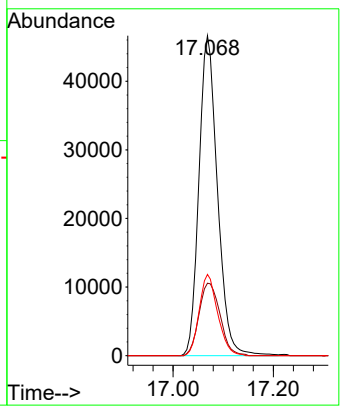


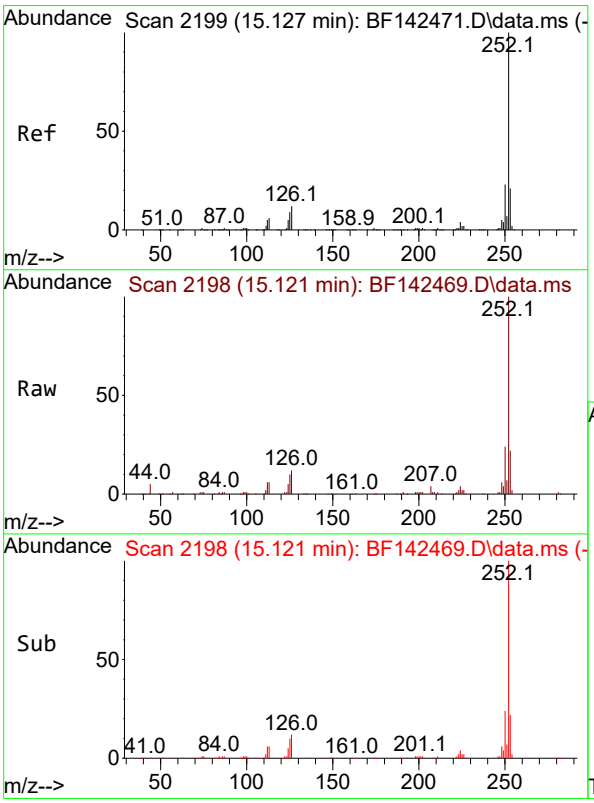
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.956 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

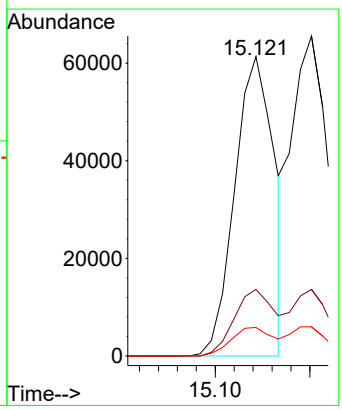


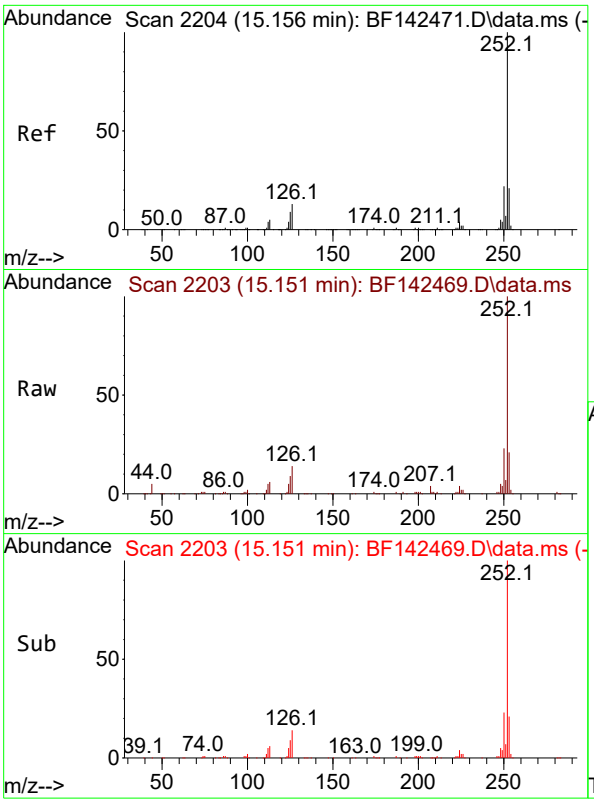


#88
Benzo(b)fluoranthene
Concen: 9.335 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



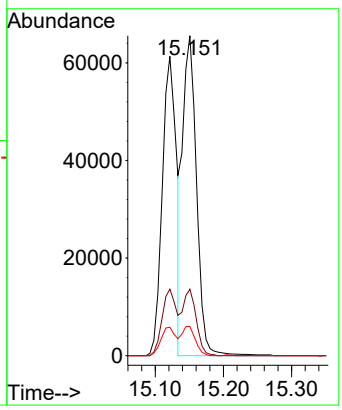


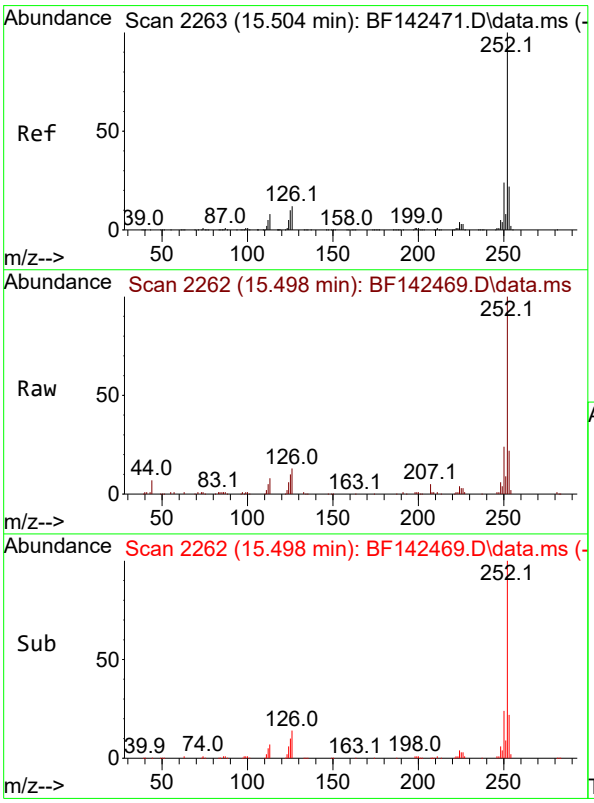
#89
Benzo(k)fluoranthene
Concen: 10.517 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

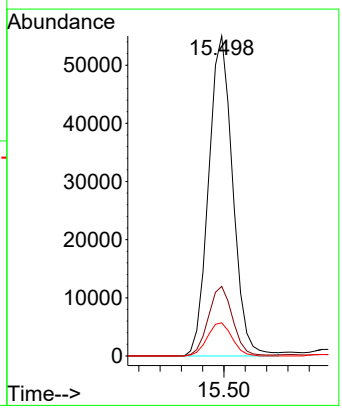


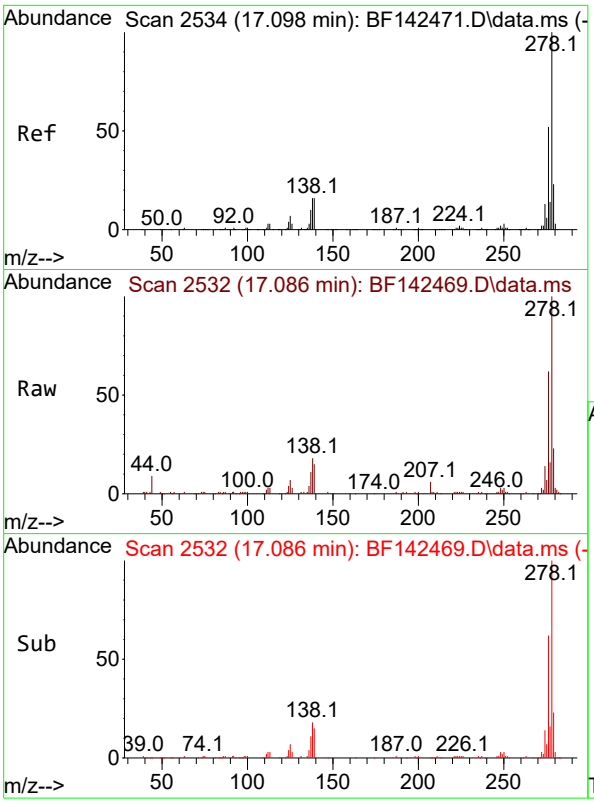


#90
Benzo(a)pyrene
Concen: 9.684 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



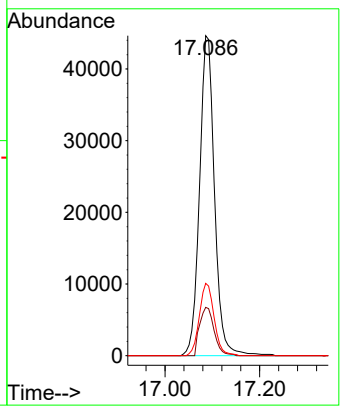


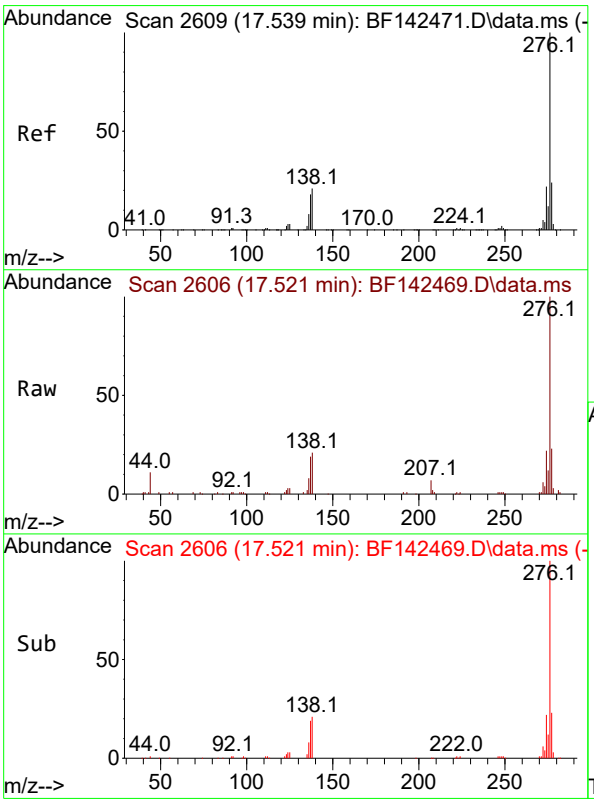
#91
Dibenzo(a,h)anthracene
Concen: 10.087 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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

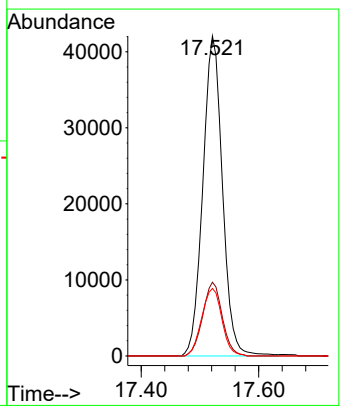




#92
Benzo(g,h,i)perylene
Concen: 10.016 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

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



ICAL Form

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

ICAL Form

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

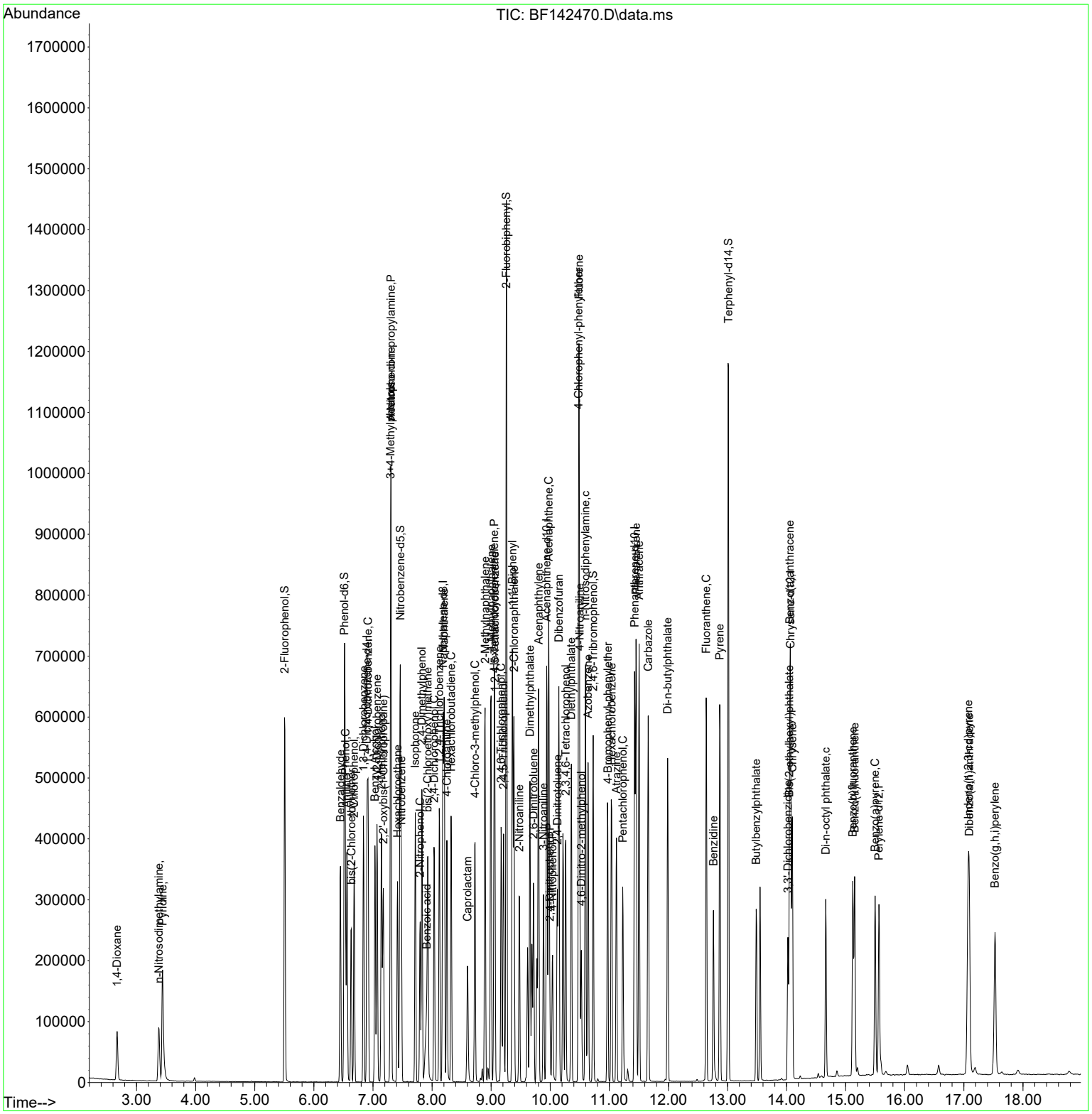
(#) = qualifier out of range (m) = manual integration (+) = signals summed

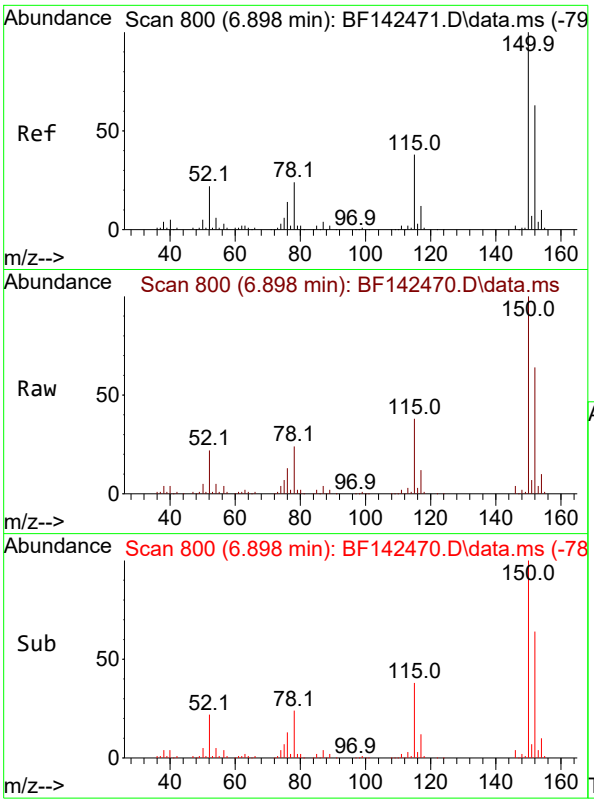
ICAL Form

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



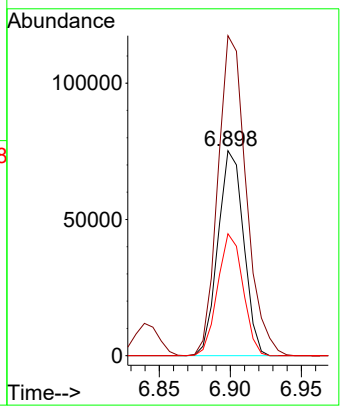


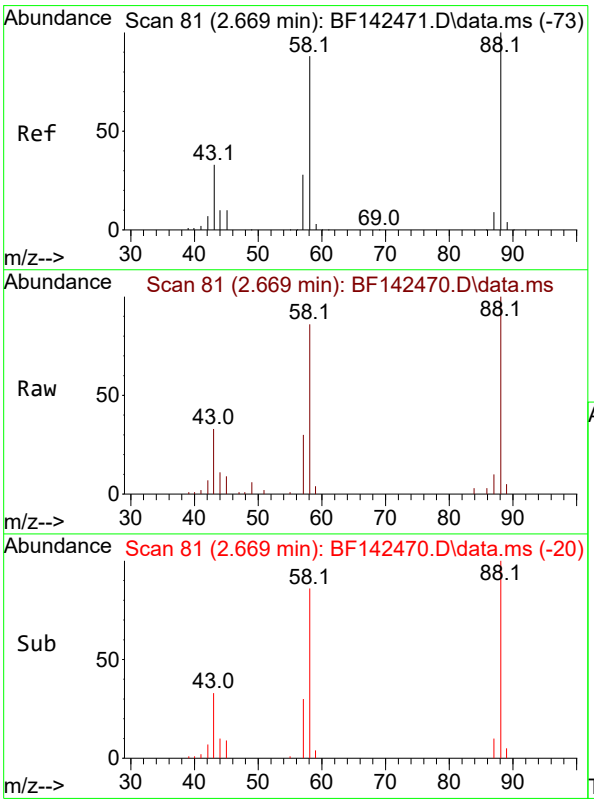
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

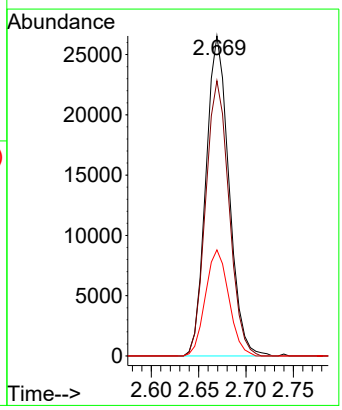


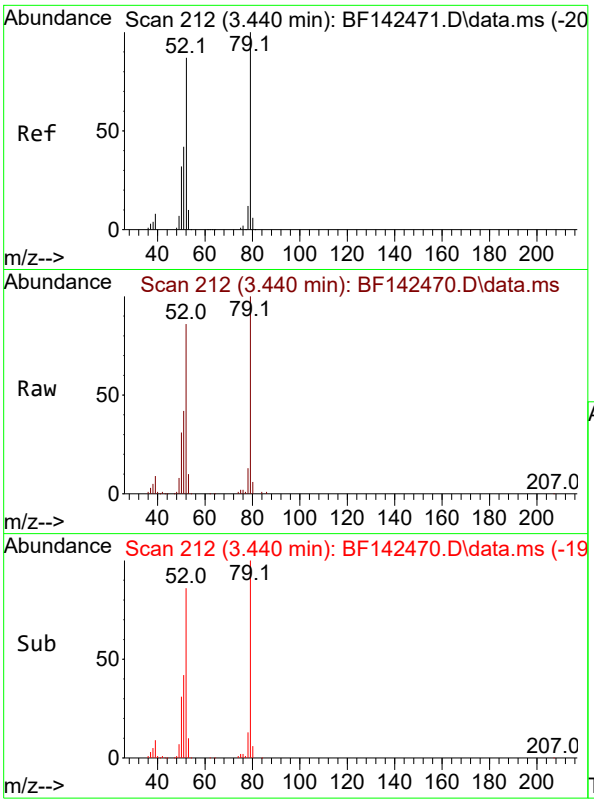


#2
1,4-Dioxane
Concen: 19.944 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



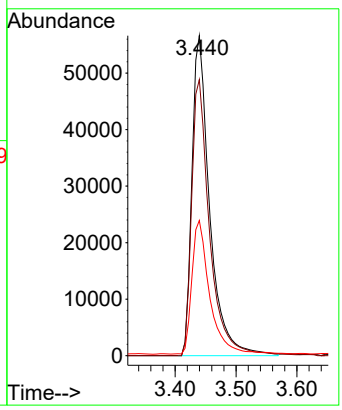


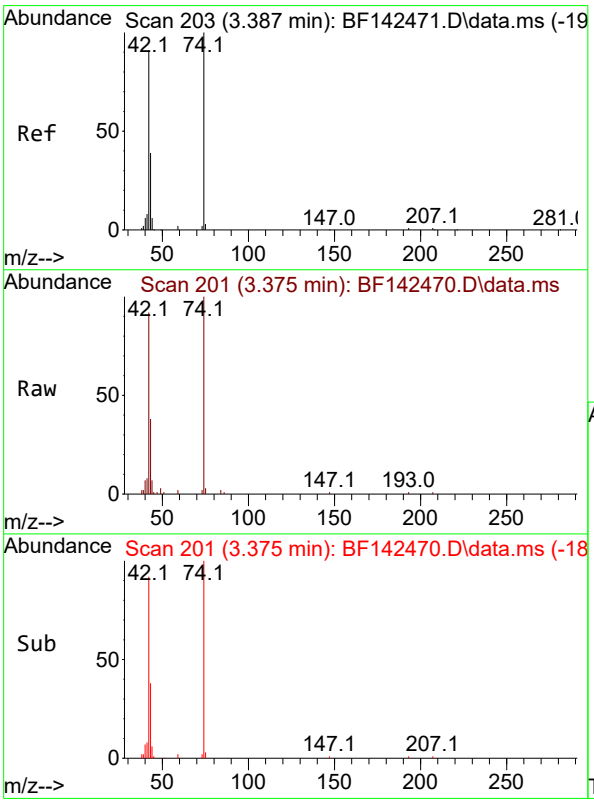
#3
Pyridine
Concen: 20.039 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

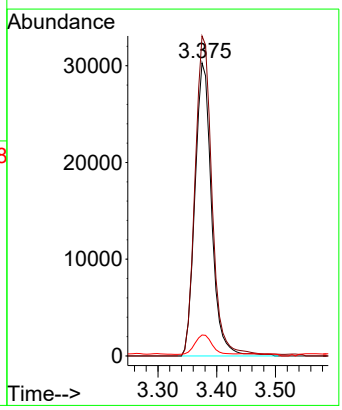


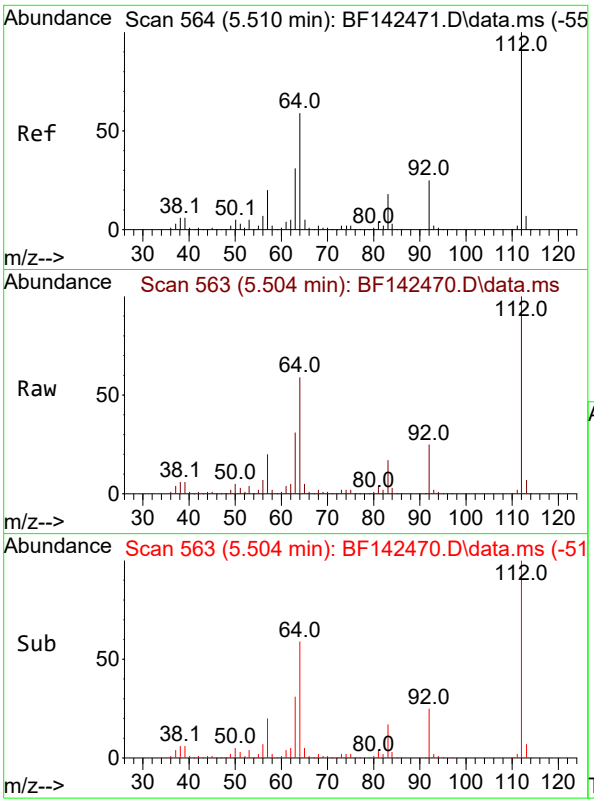


#4
n-Nitrosodimethylamine
Concen: 19.972 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



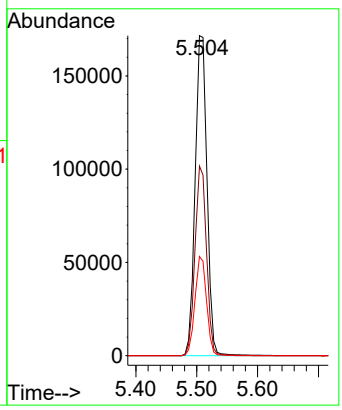


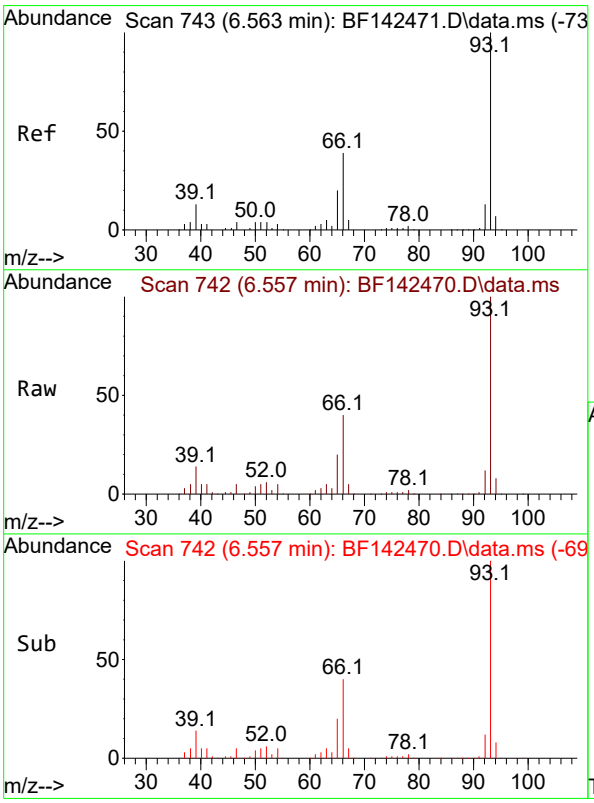
#5
2-Fluorophenol
Concen: 41.261 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

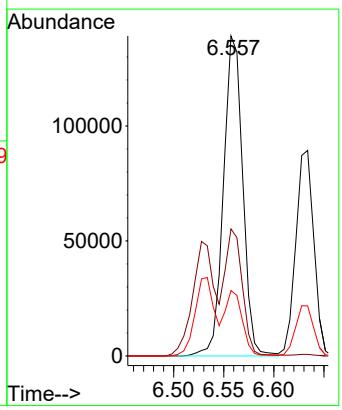


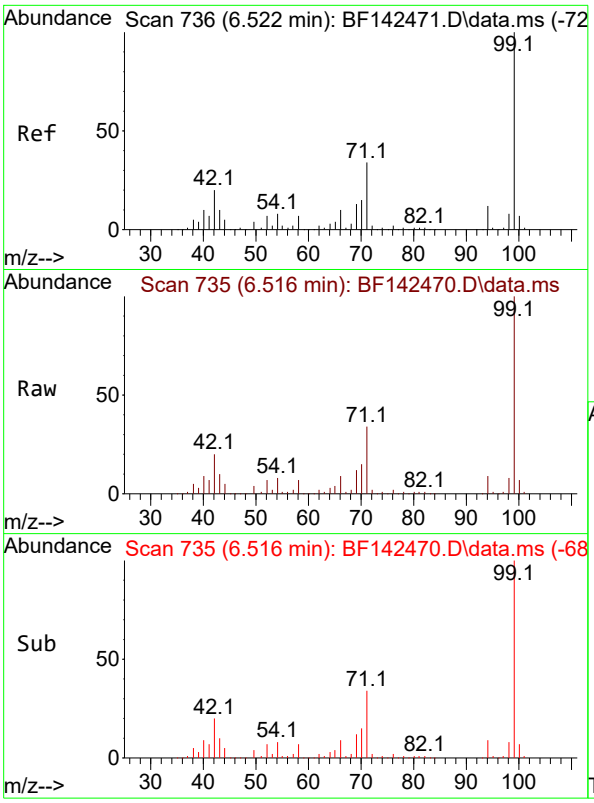


#6
Aniline
Concen: 20.437 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



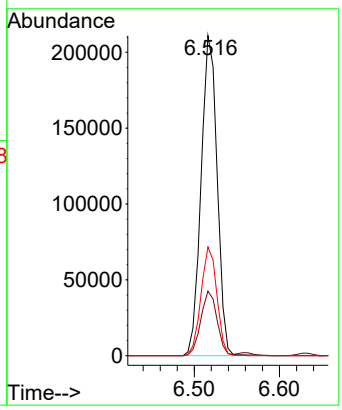


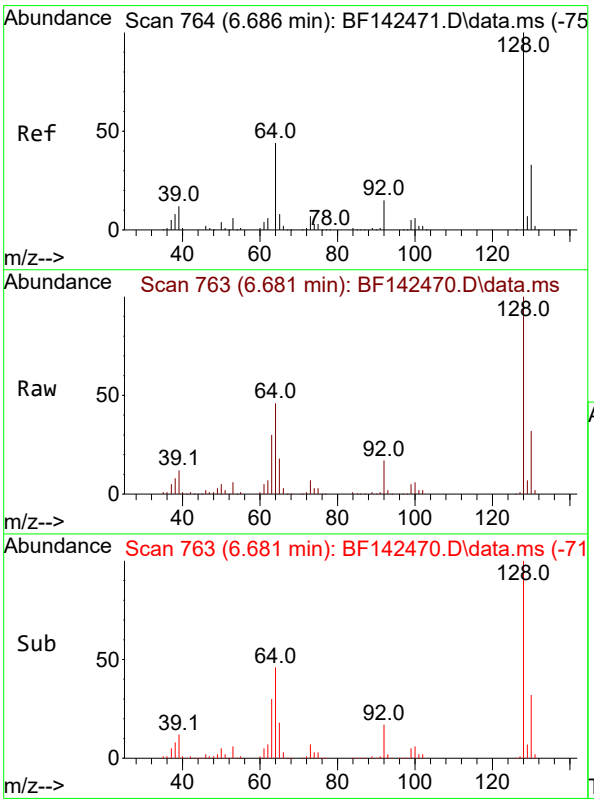
#7
Phenol-d6
Concen: 40.843 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

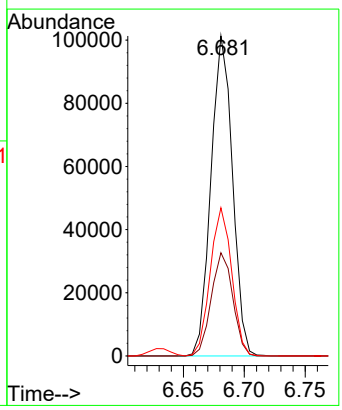


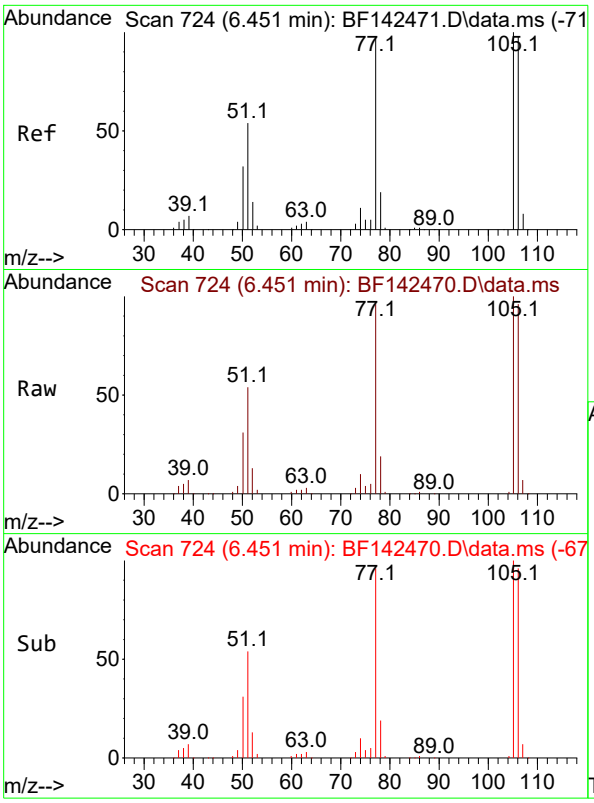


#8
2-Chlorophenol
Concen: 20.347 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



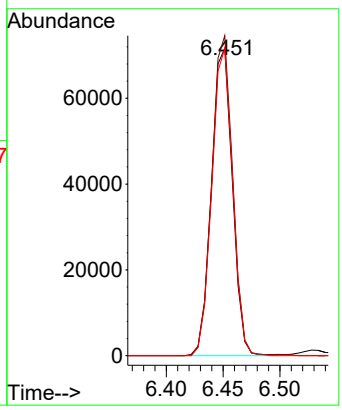


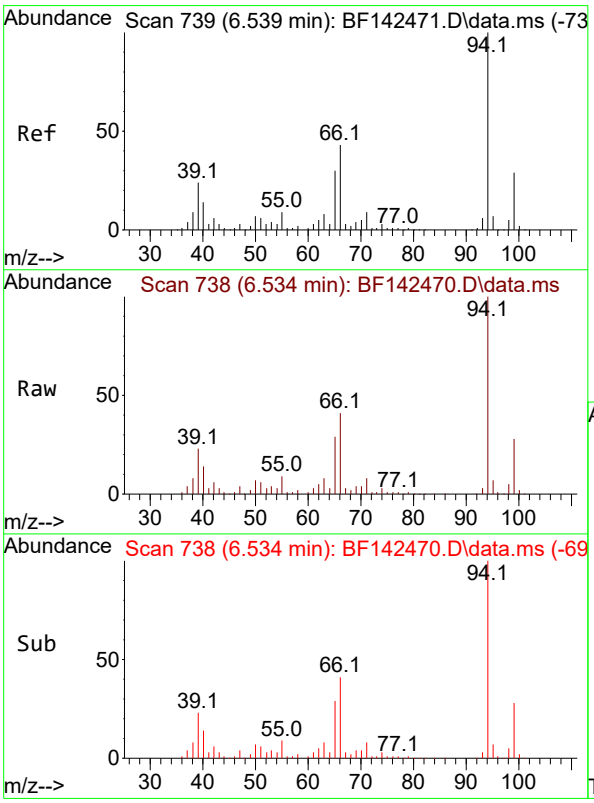
#9
Benzaldehyde
Concen: 22.548 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

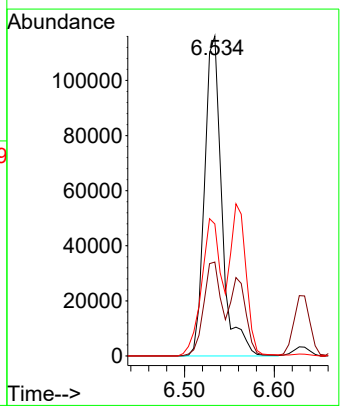


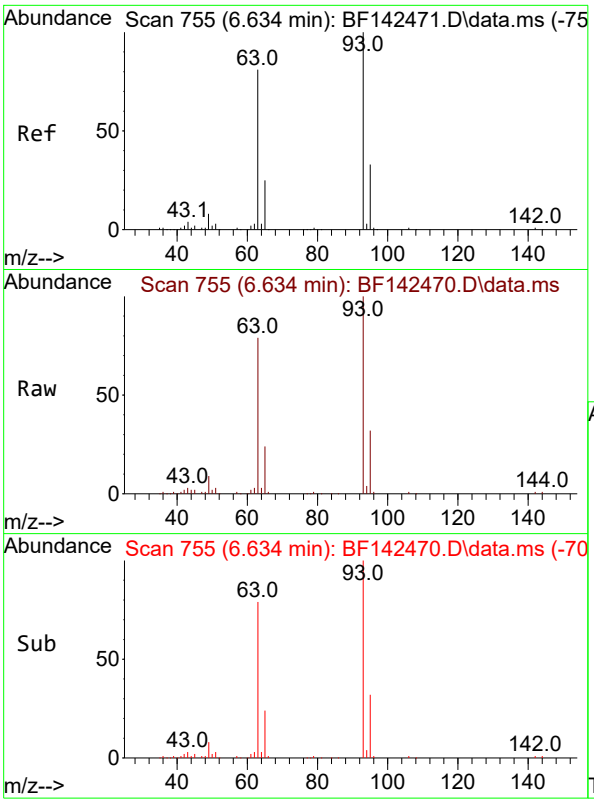


#10
Phenol
Concen: 20.479 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



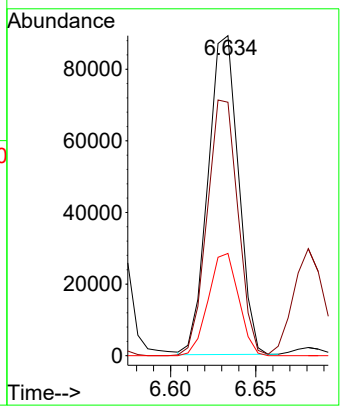


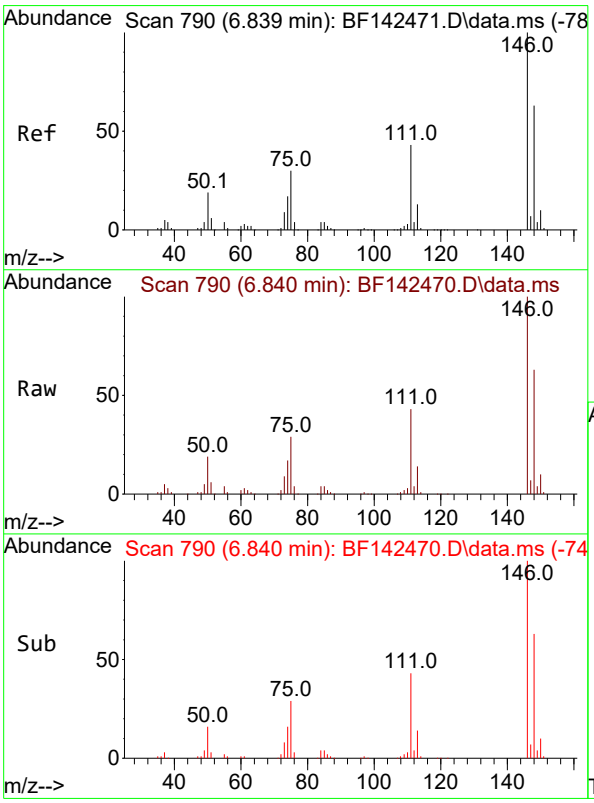
#11
bis(2-Chloroethyl)ether
Concen: 20.187 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

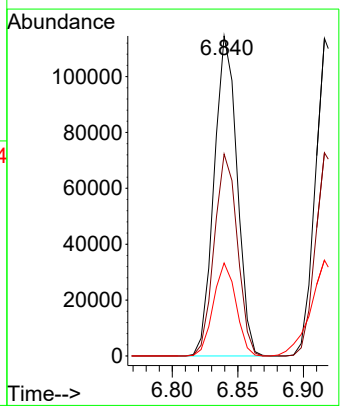


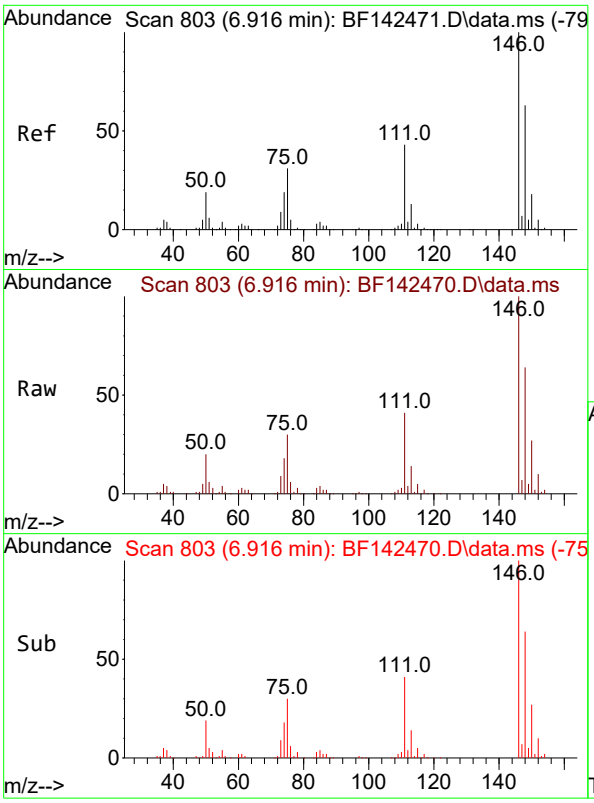


#12
1,3-Dichlorobenzene
Concen: 20.414 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



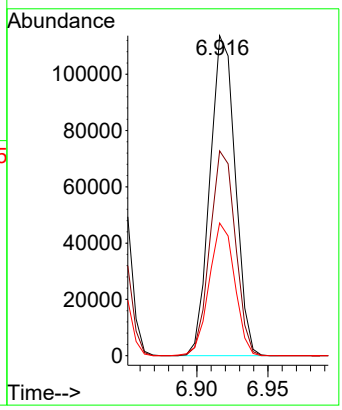


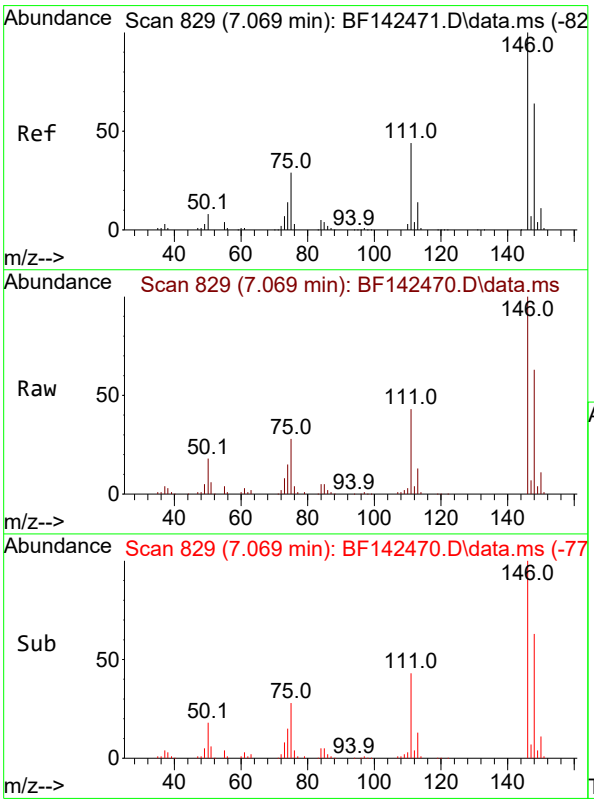
#13
1,4-Dichlorobenzene
Concen: 20.515 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

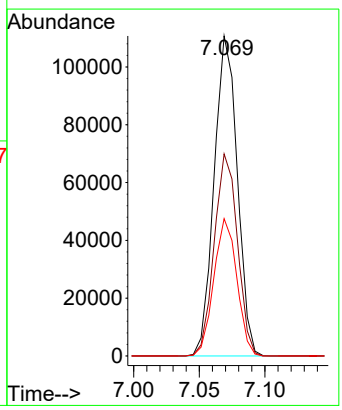


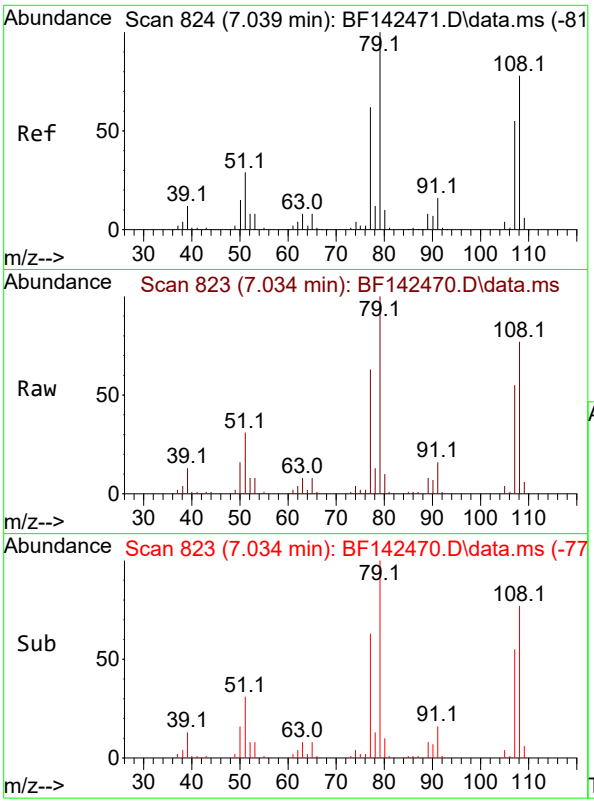


#14
1,2-Dichlorobenzene
Concen: 20.647 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



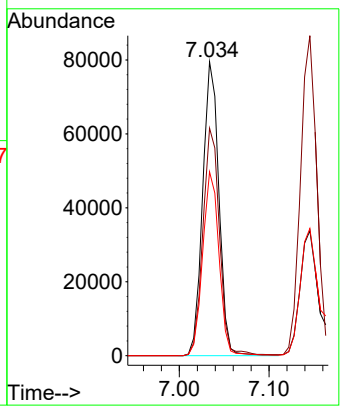


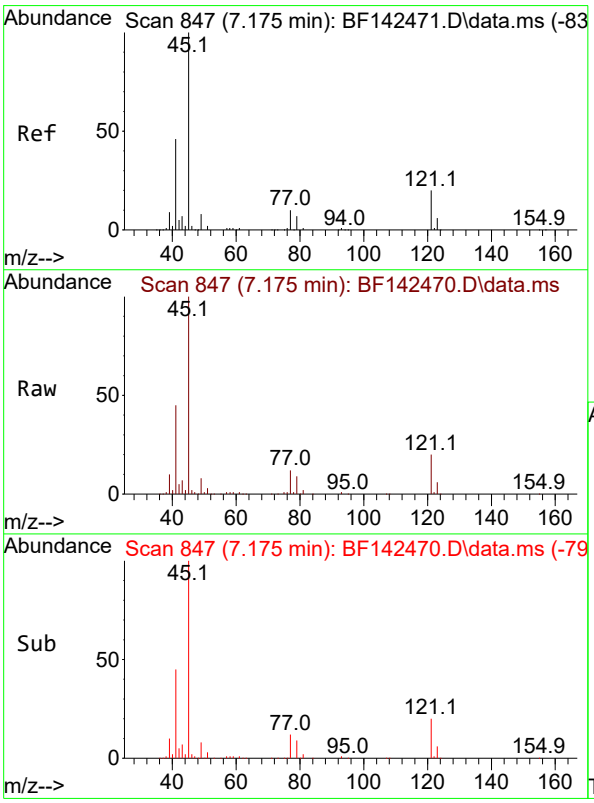
#15
Benzyl Alcohol
Concen: 20.030 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

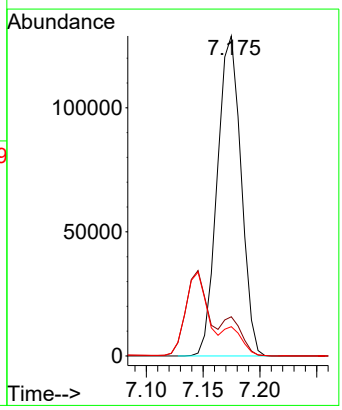


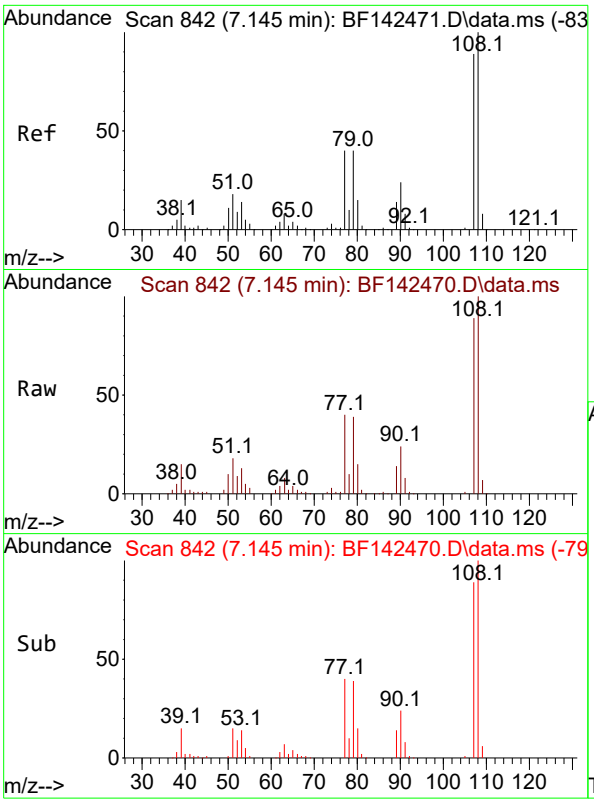


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.408 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



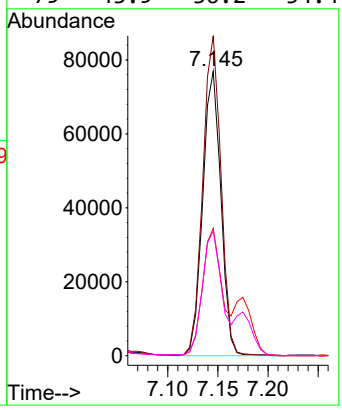


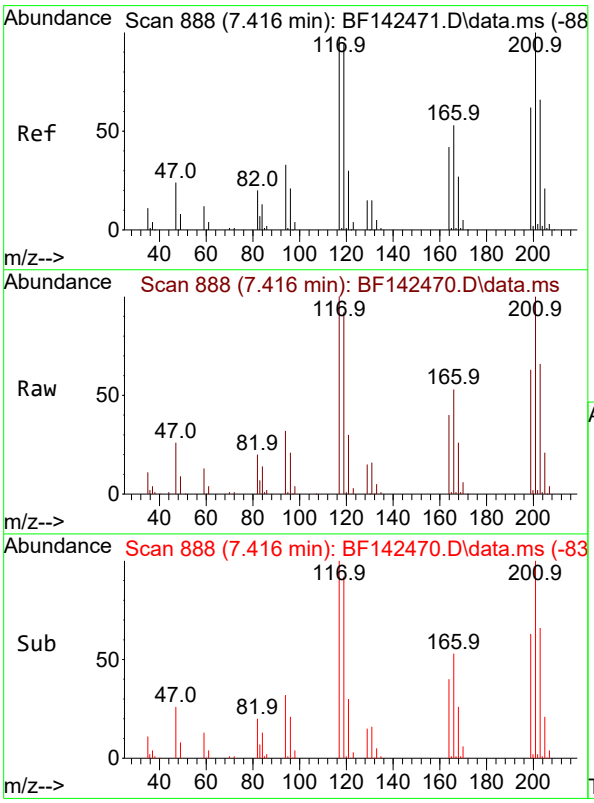
#17
2-Methylphenol
Concen: 20.326 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

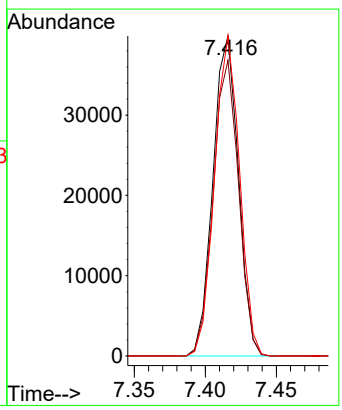


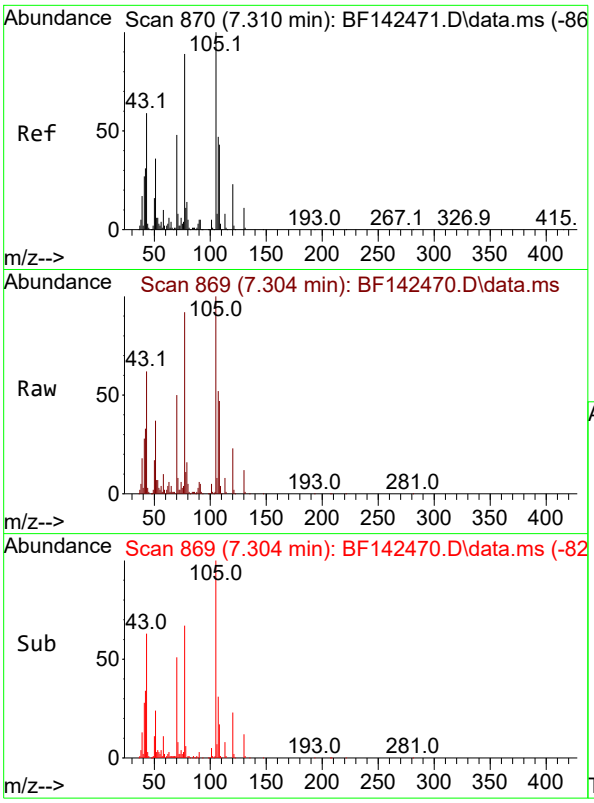


#18
Hexachloroethane
Concen: 20.617 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



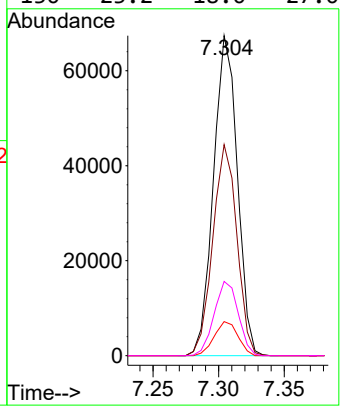


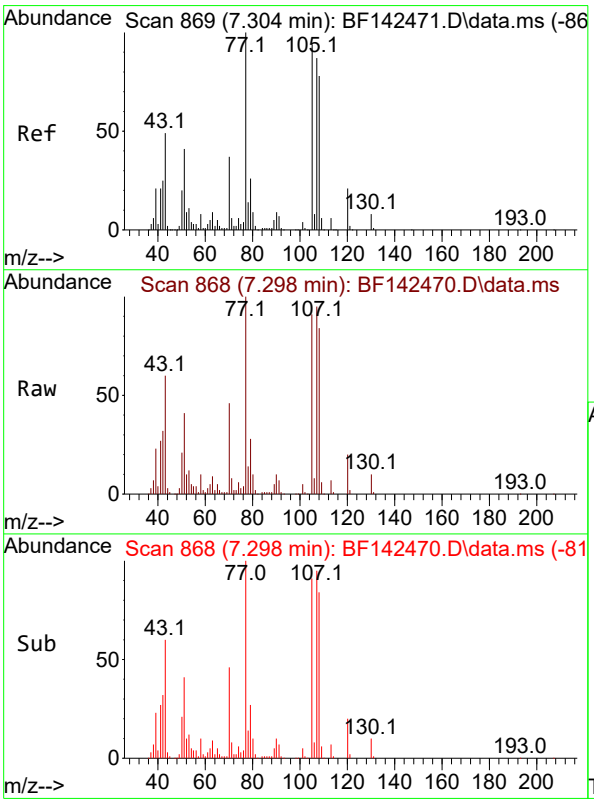
#19
n-Nitroso-di-n-propylamine
Concen: 20.328 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

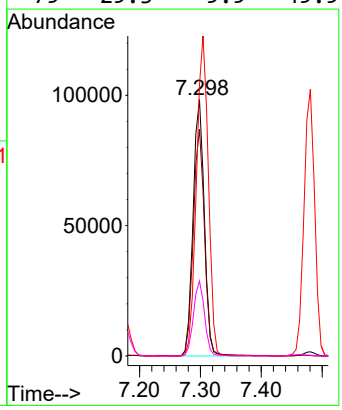


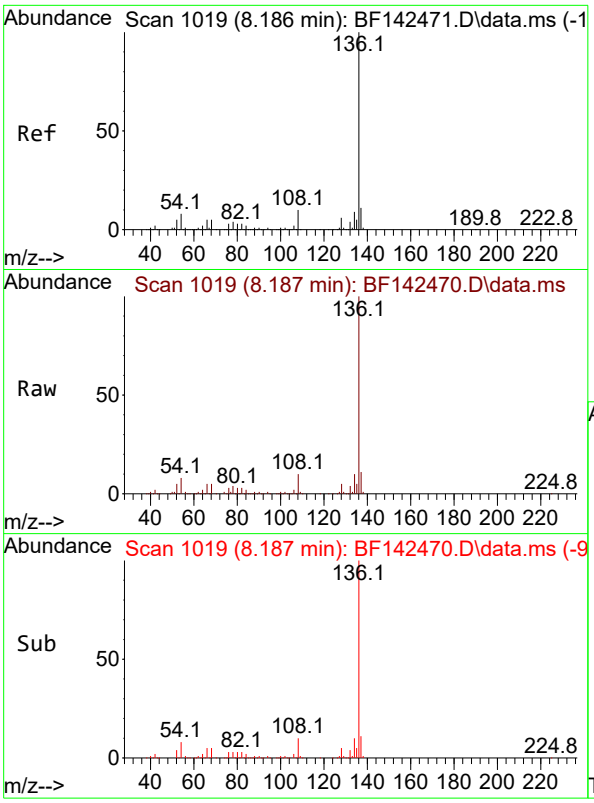


#20
3+4-Methylphenols
Concen: 20.685 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



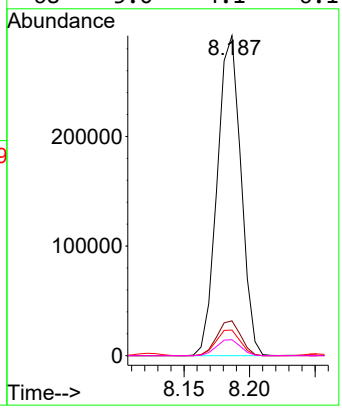


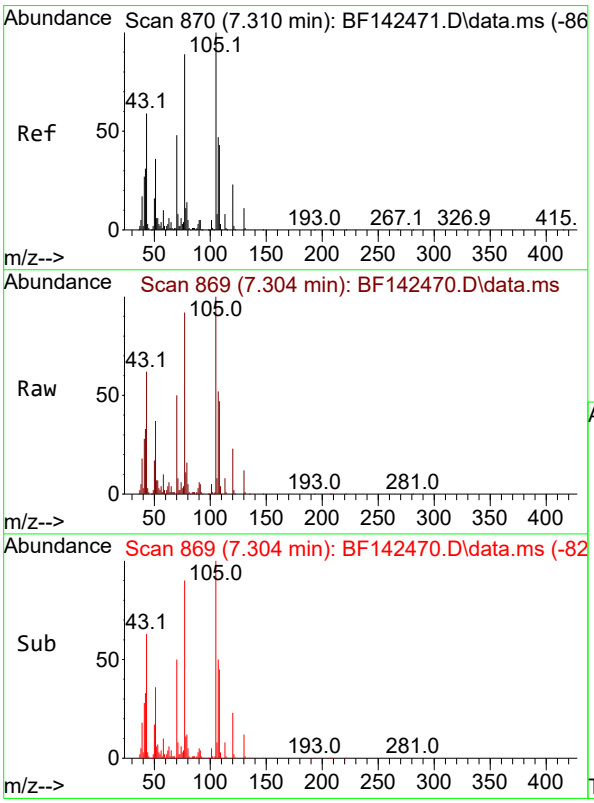
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

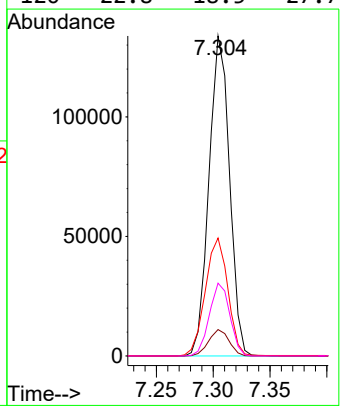


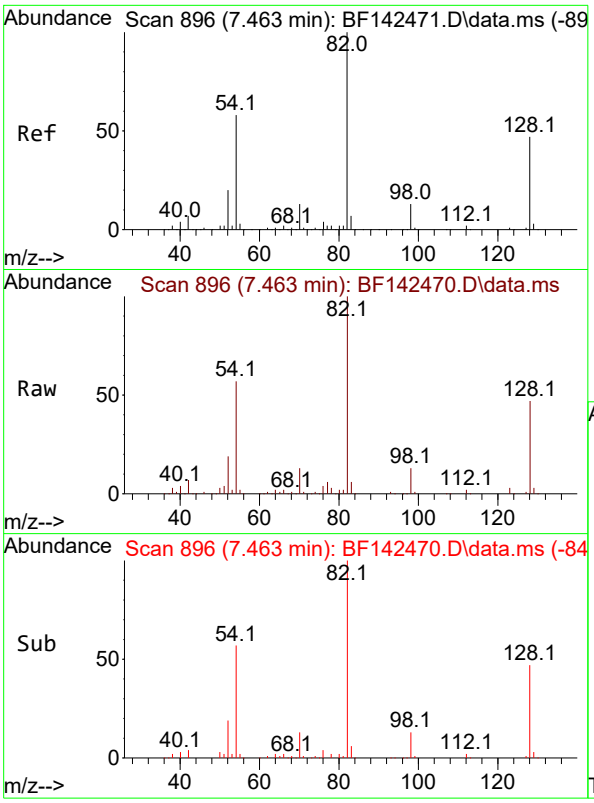


#22
Acetophenone
Concen: 20.741 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



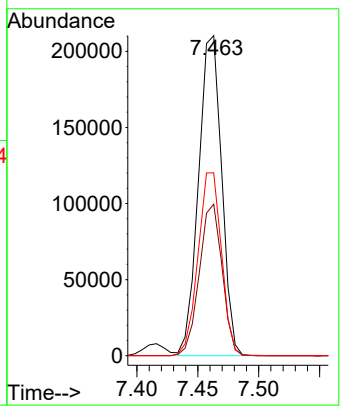


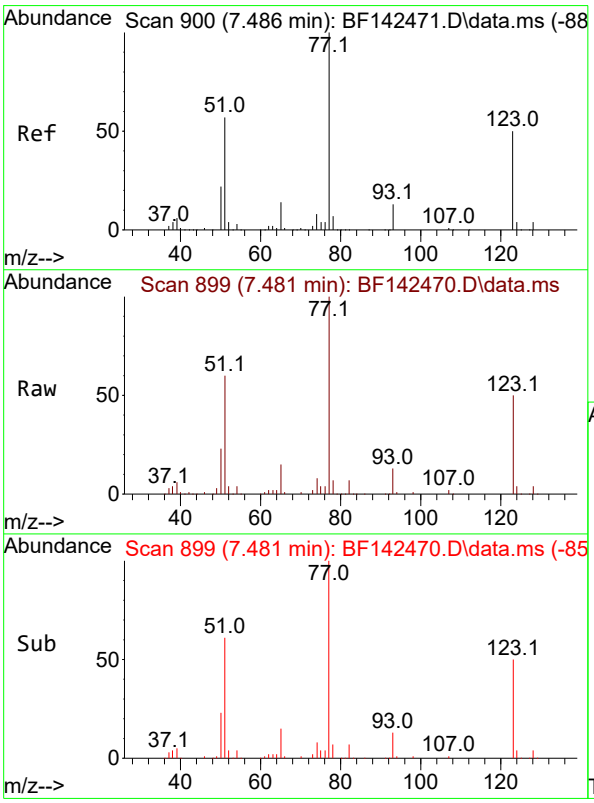
#23
Nitrobenzene-d5
Concen: 41.326 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

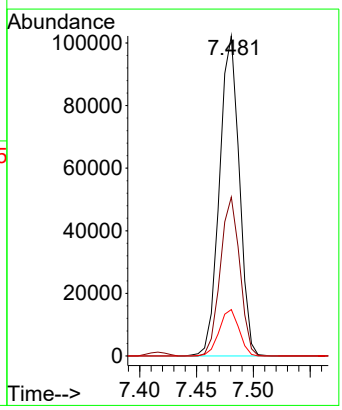


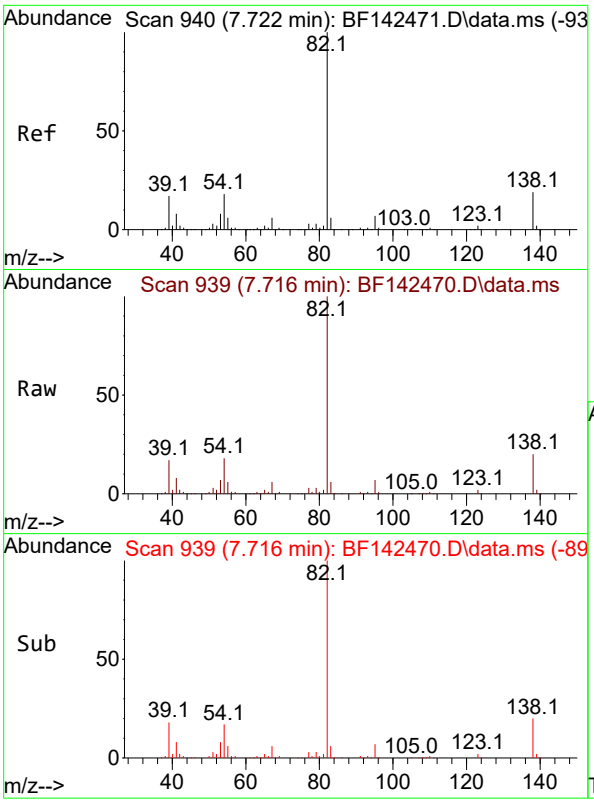


#24
Nitrobenzene
Concen: 20.433 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



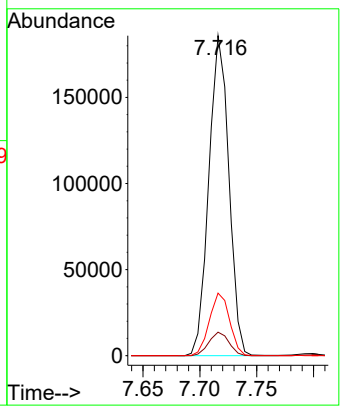


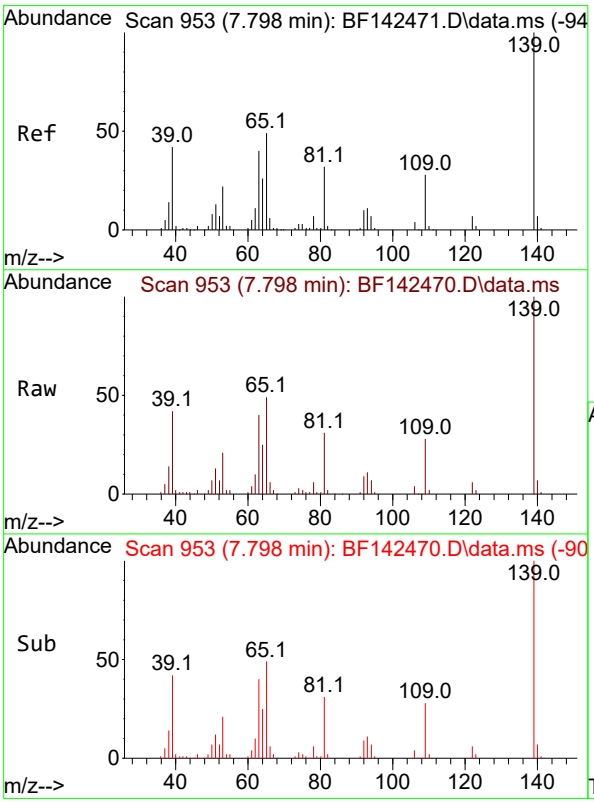
#25
Isophorone
Concen: 20.225 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

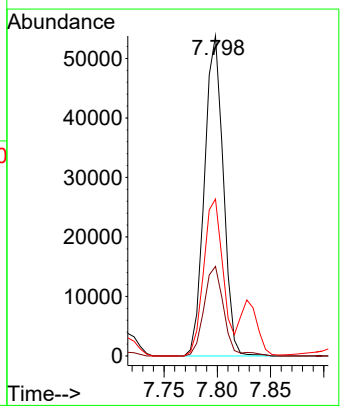


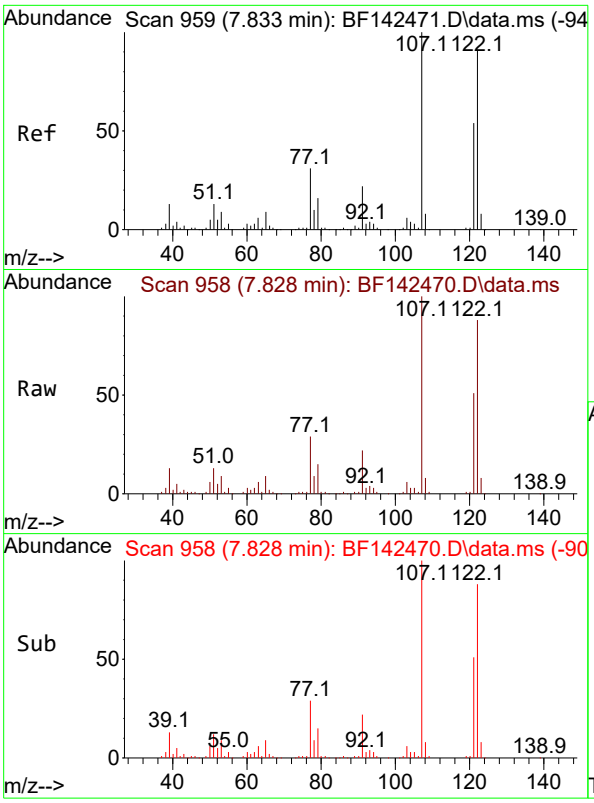


#26
2-Nitrophenol
Concen: 20.361 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



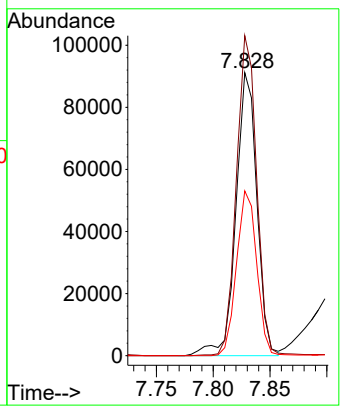


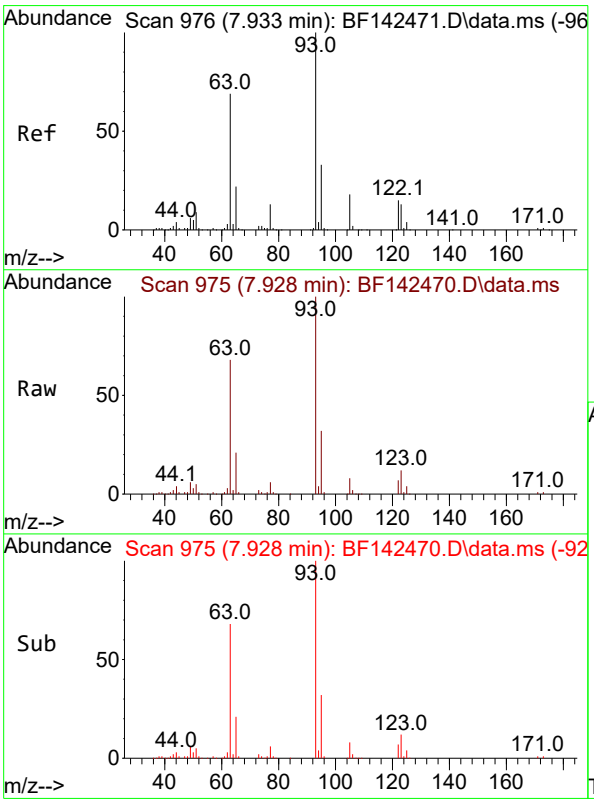
#27
2,4-Dimethylphenol
Concen: 20.412 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

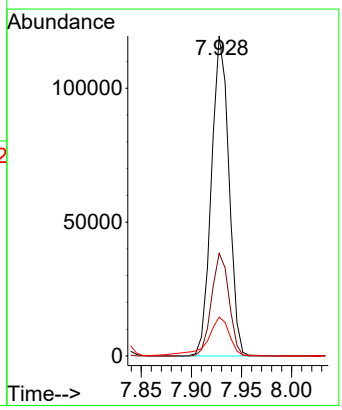


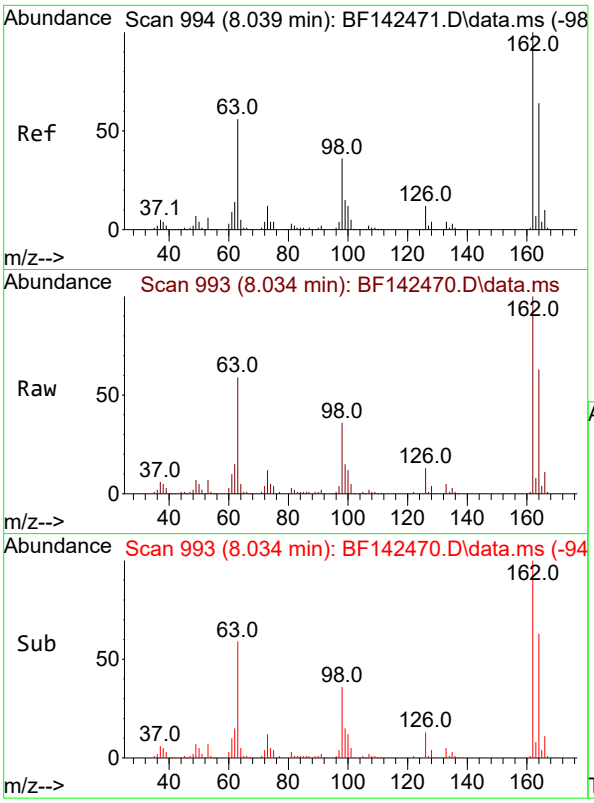


#28
bis(2-Chloroethoxy)methane
Concen: 20.593 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



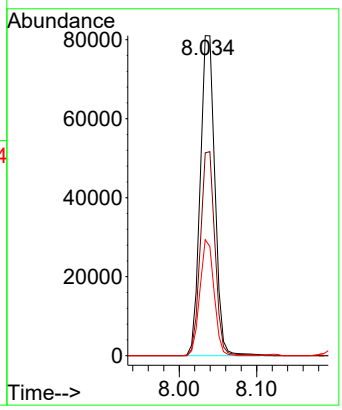


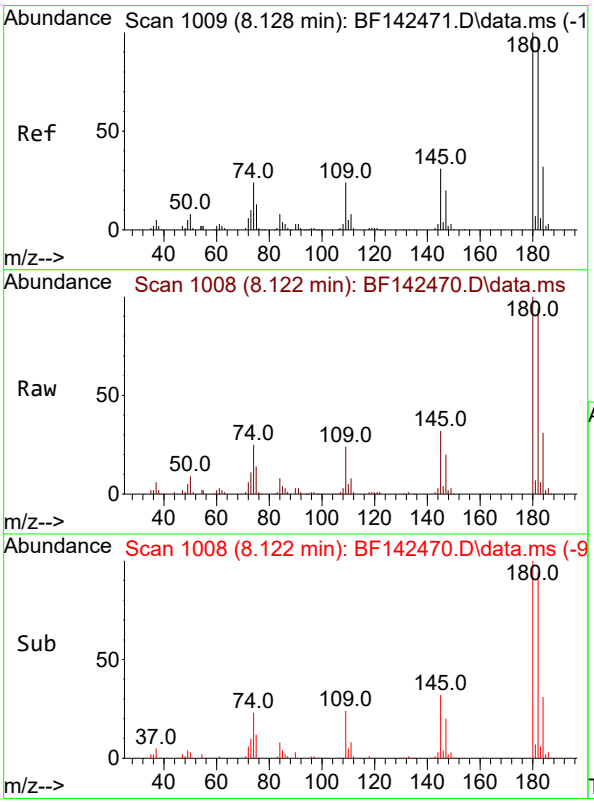
#29
2,4-Dichlorophenol
Concen: 20.462 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

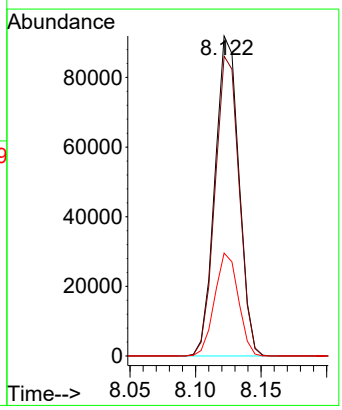


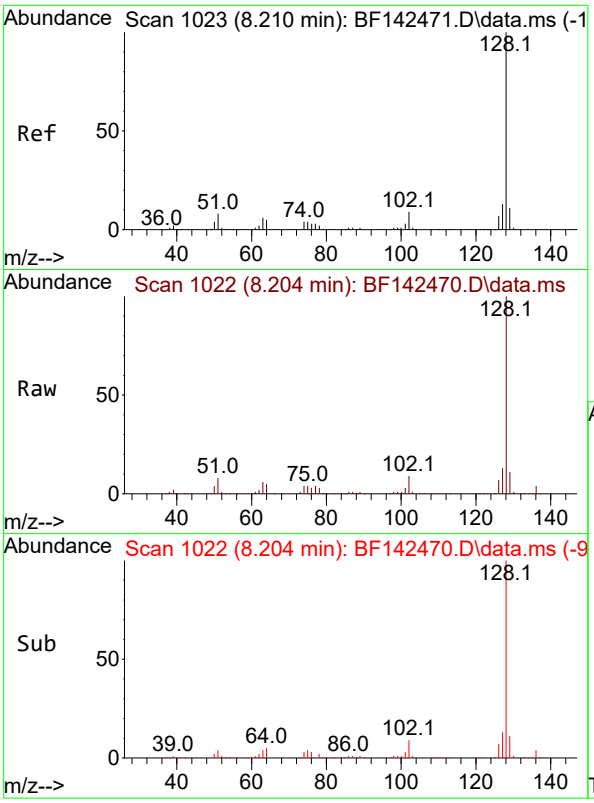


#30
1,2,4-Trichlorobenzene
Concen: 20.638 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



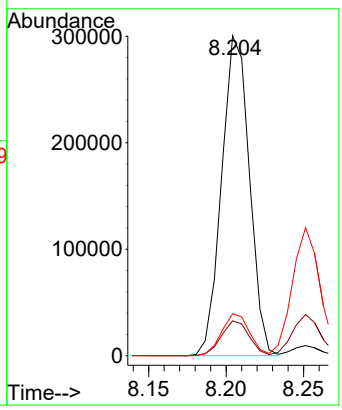


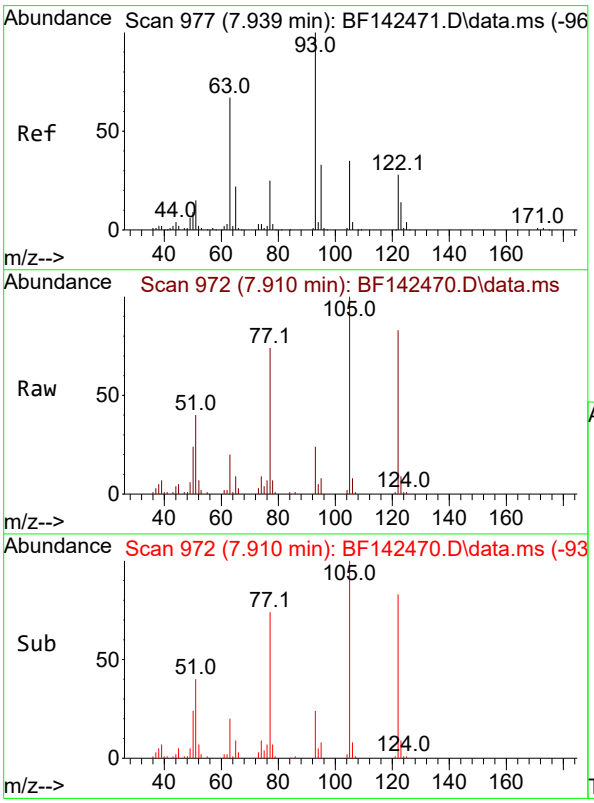
#31
Naphthalene
Concen: 20.713 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

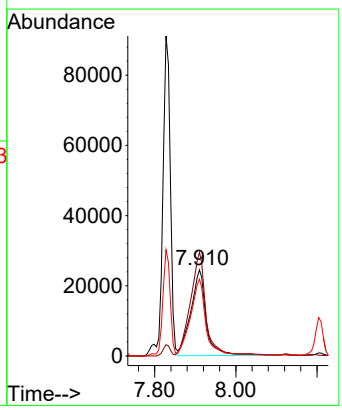


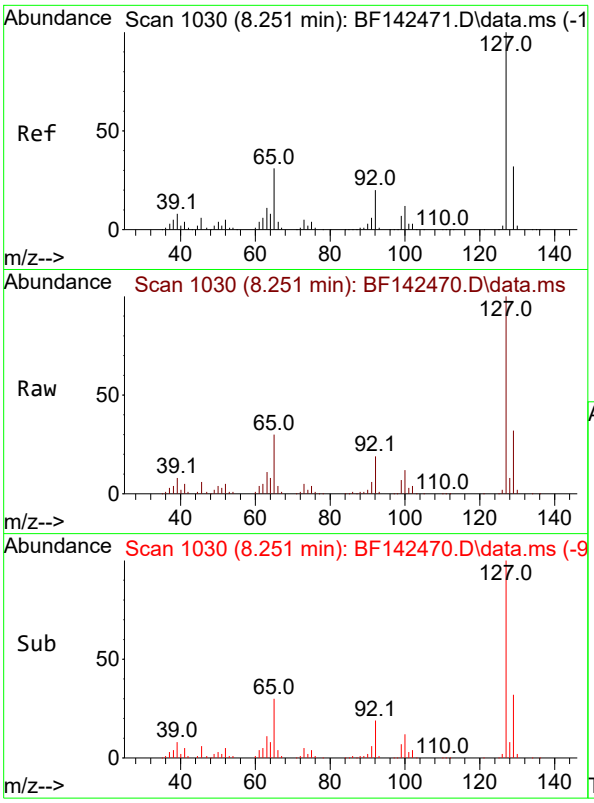


#32
Benzoic acid
Concen: 18.586 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.065 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



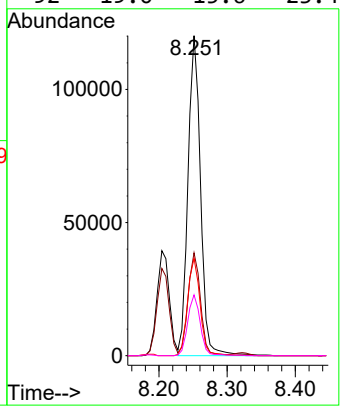


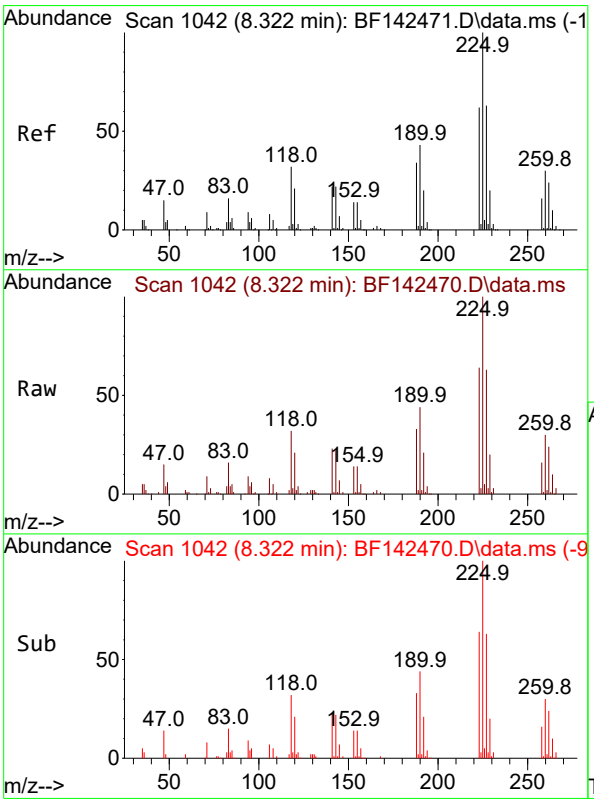
#33
4-Chloroaniline
Concen: 20.853 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

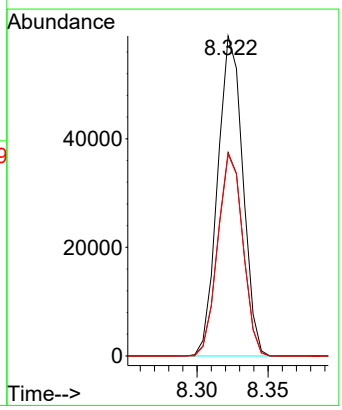


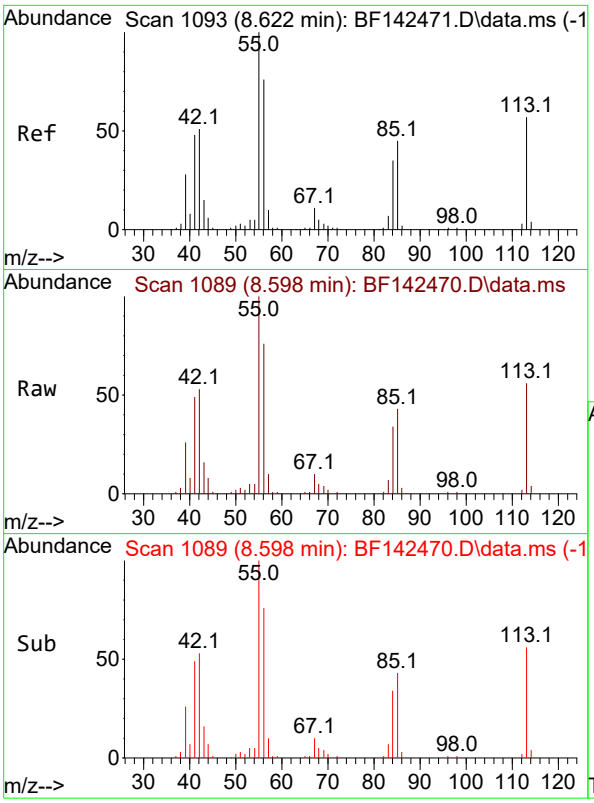


#34
Hexachlorobutadiene
Concen: 20.523 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



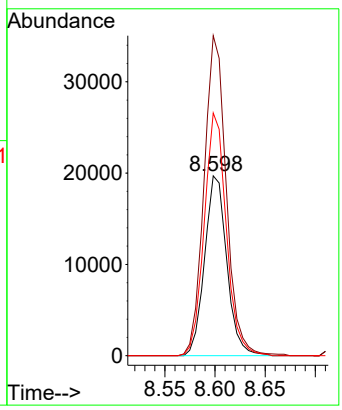


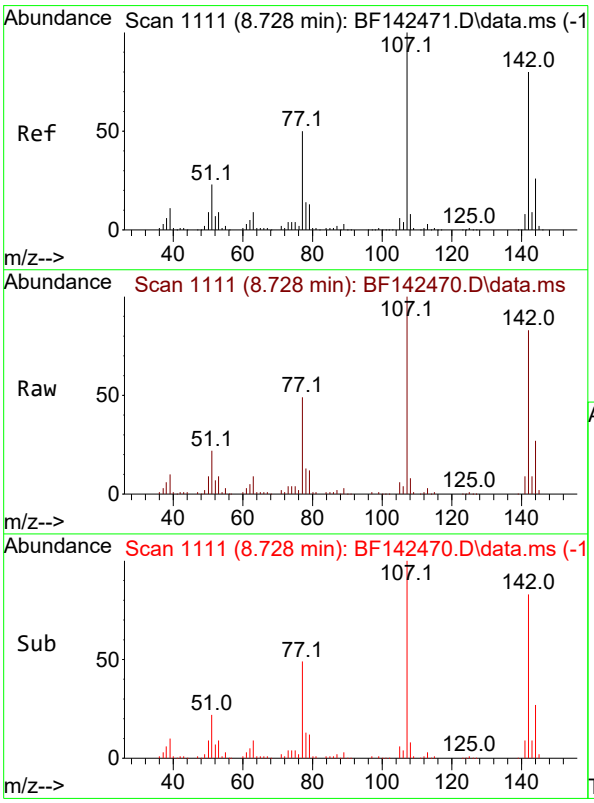
#35
Caprolactam
Concen: 20.762 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

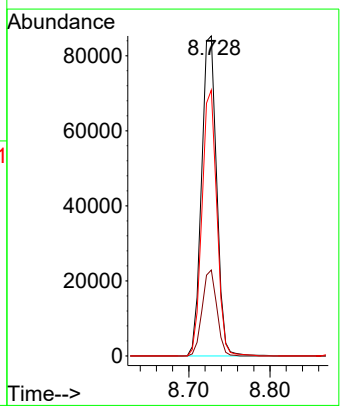


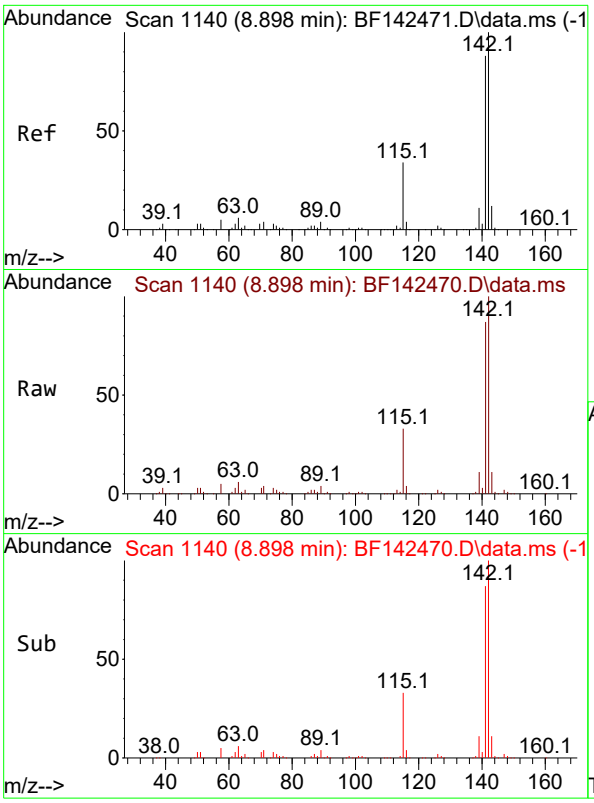


#36
4-Chloro-3-methylphenol
Concen: 20.567 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



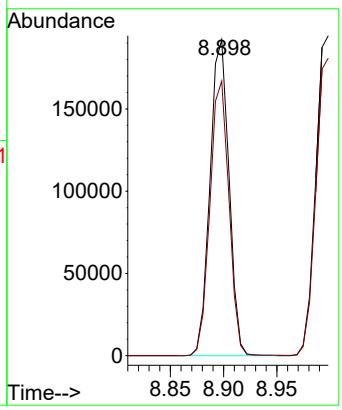


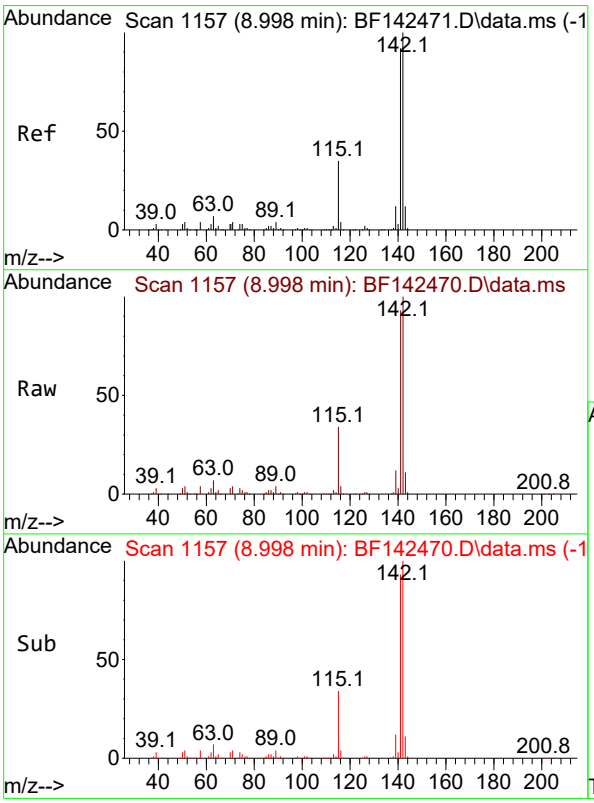
#37
2-Methylnaphthalene
Concen: 20.849 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 237350

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.7	106.1

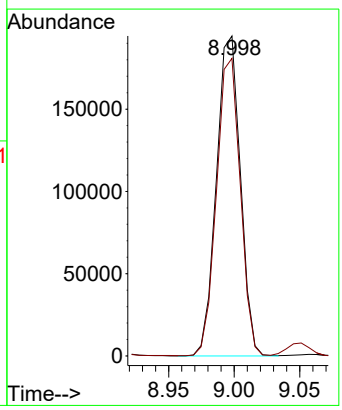


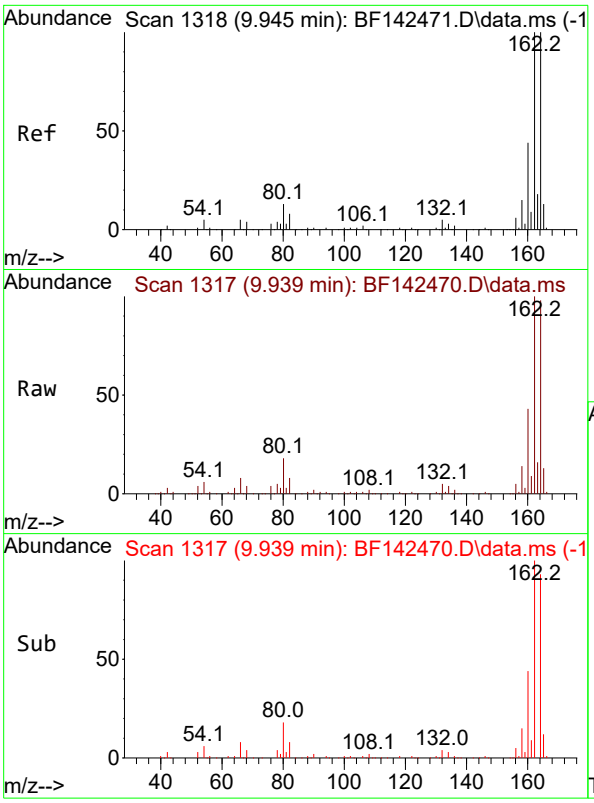


#38
1-Methylnaphthalene
Concen: 20.961 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:142 Resp: 246831

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2



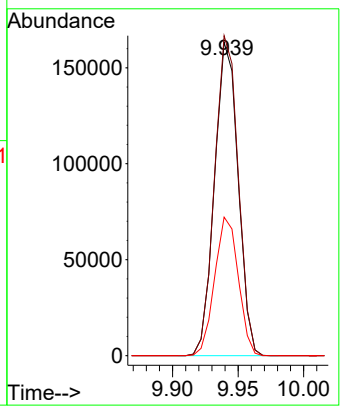


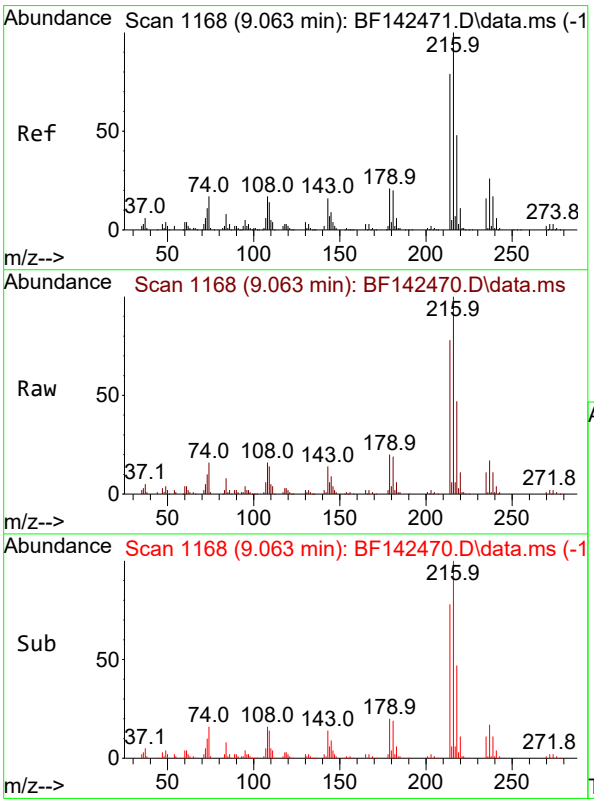
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

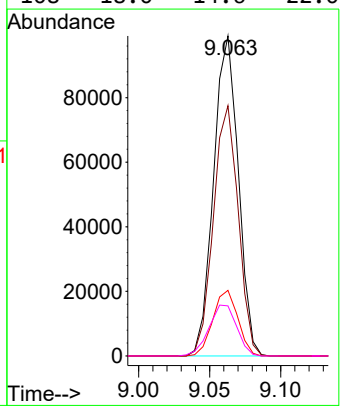


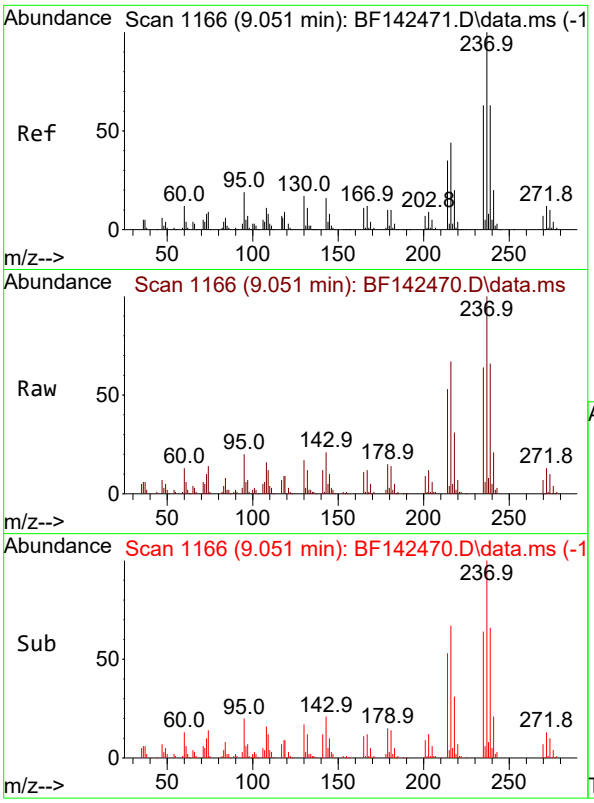


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.477 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



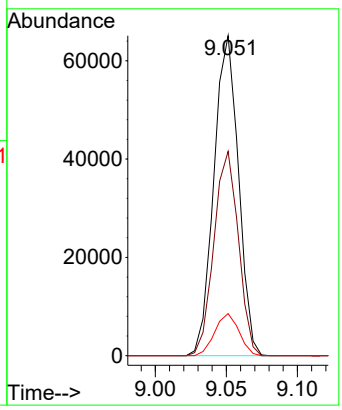


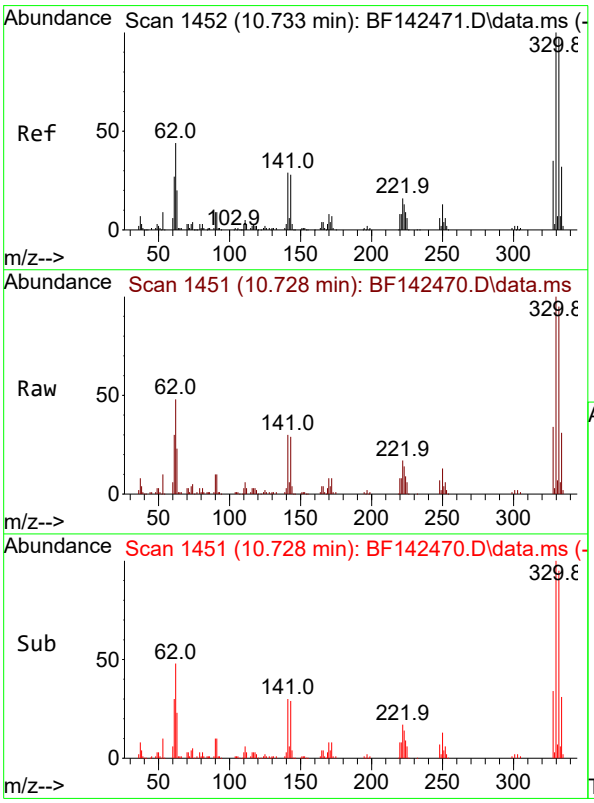
#41
Hexachlorocyclopentadiene
Concen: 19.796 ng
RT: 9.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

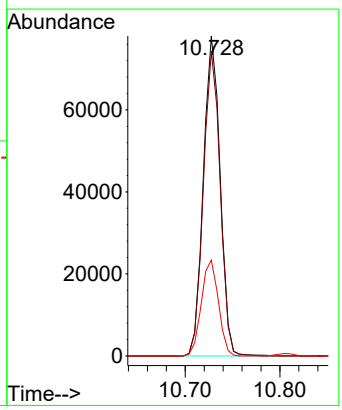


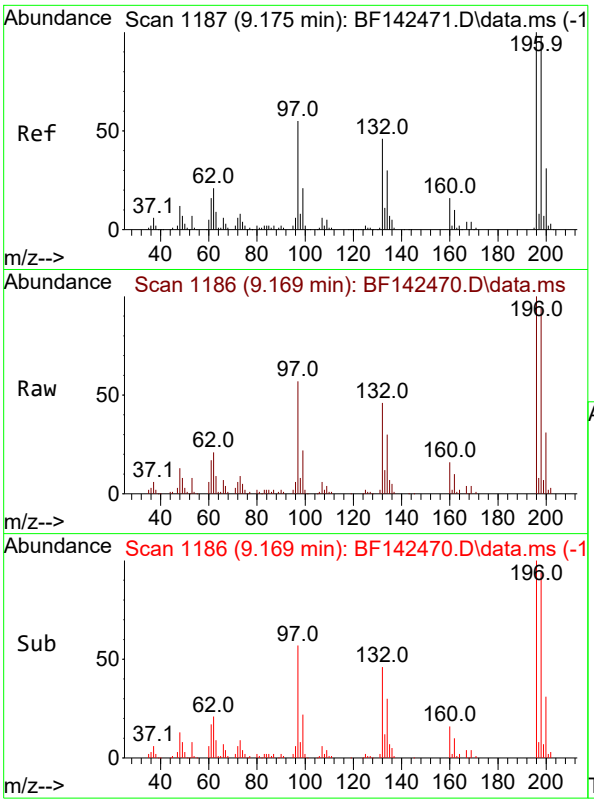


#42
2,4,6-Tribromophenol
Concen: 42.171 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



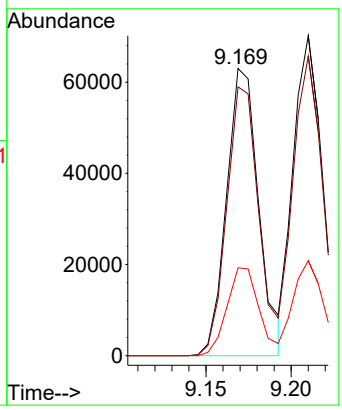


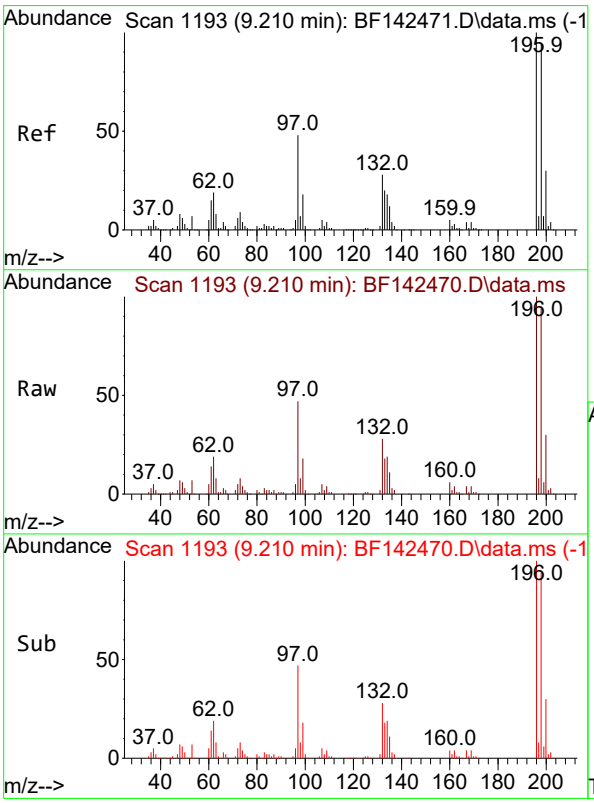
#43
2,4,6-Trichlorophenol
Concen: 20.971 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

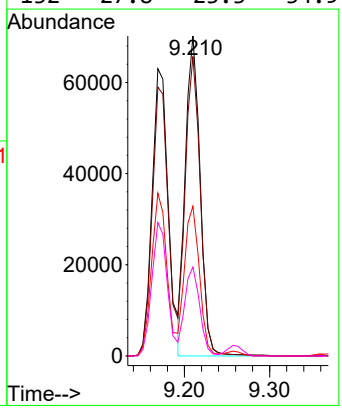


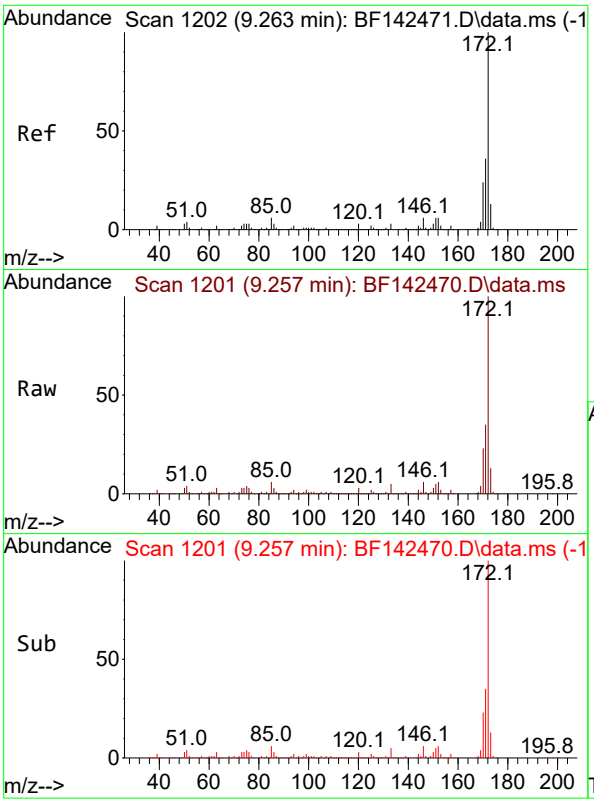


#44
2,4,5-Trichlorophenol
Concen: 20.383 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



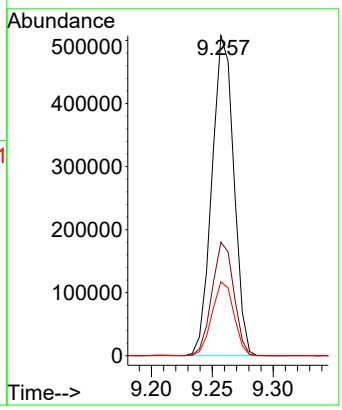


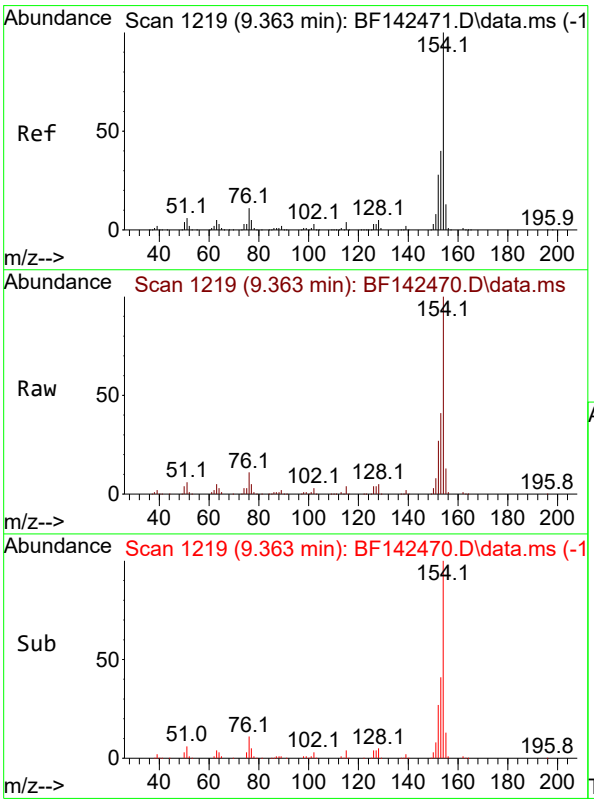
#45
2-Fluorobiphenyl
Concen: 41.799 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

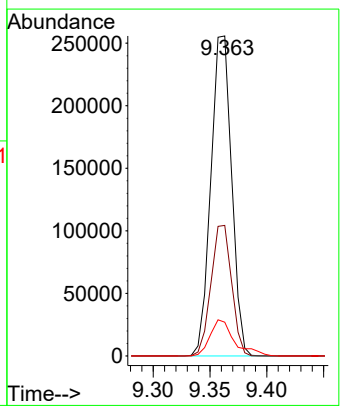


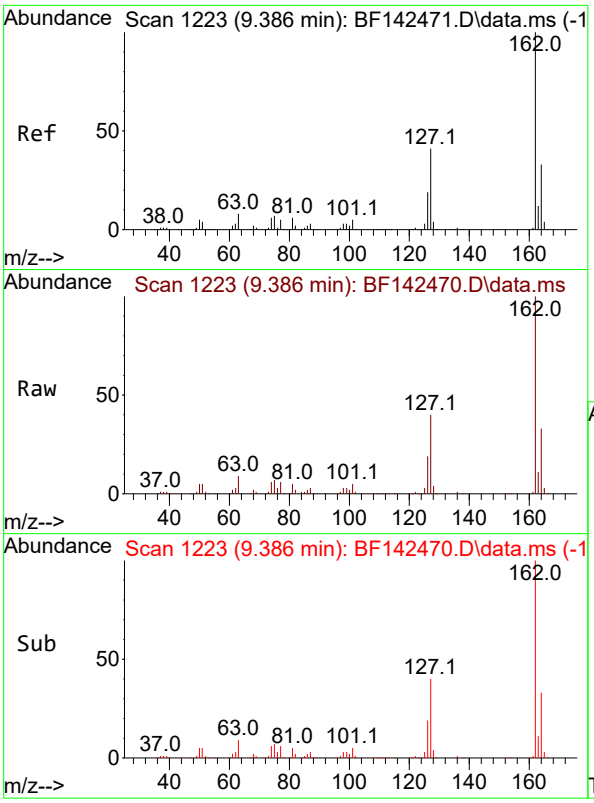


#46
1,1'-Biphenyl
Concen: 20.553 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



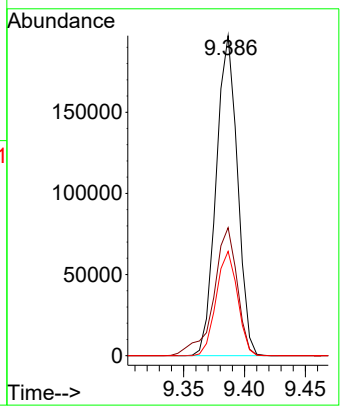


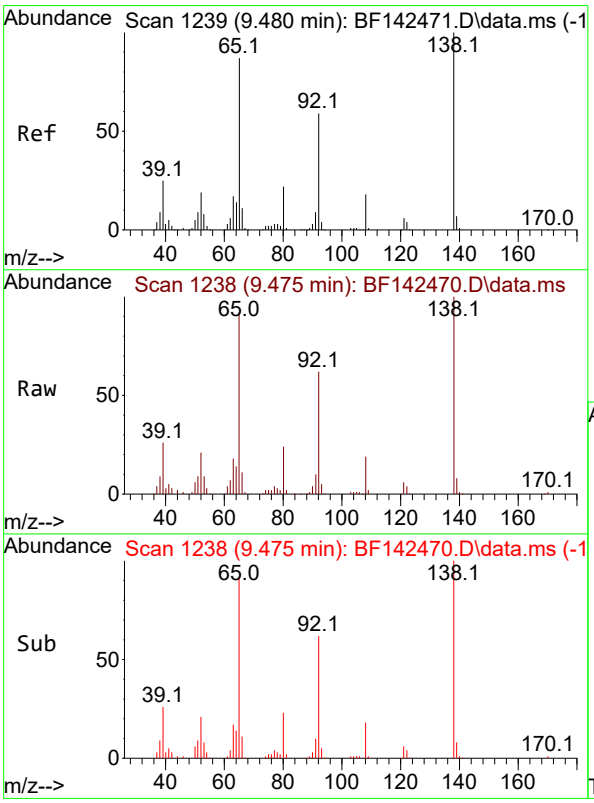
#47
2-Chloronaphthalene
Concen: 20.526 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

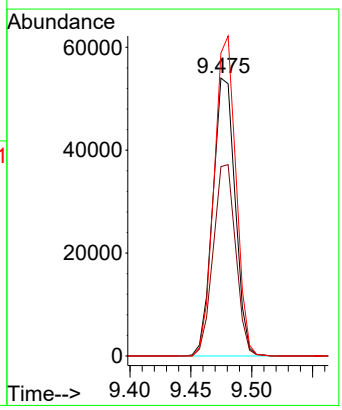


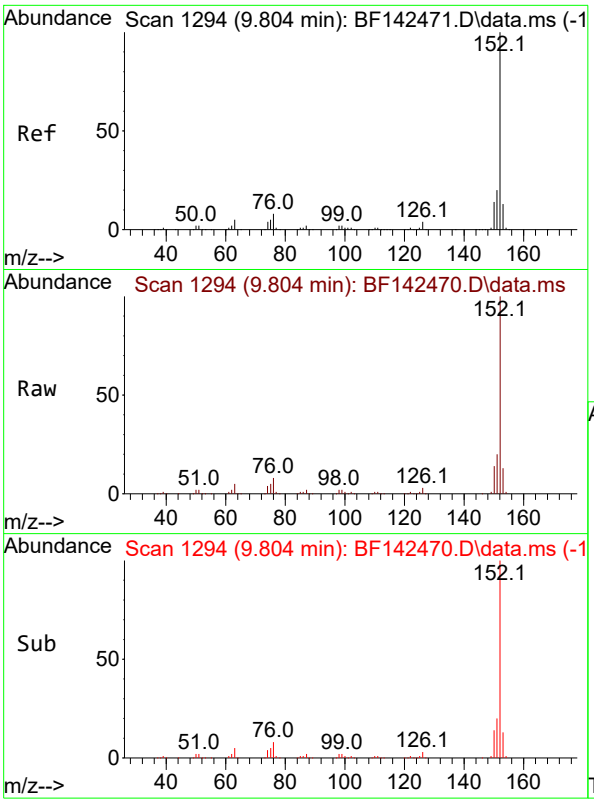


#48
2-Nitroaniline
Concen: 20.424 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



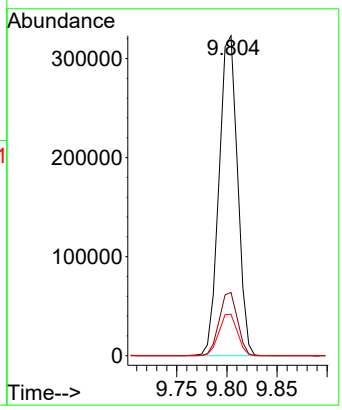


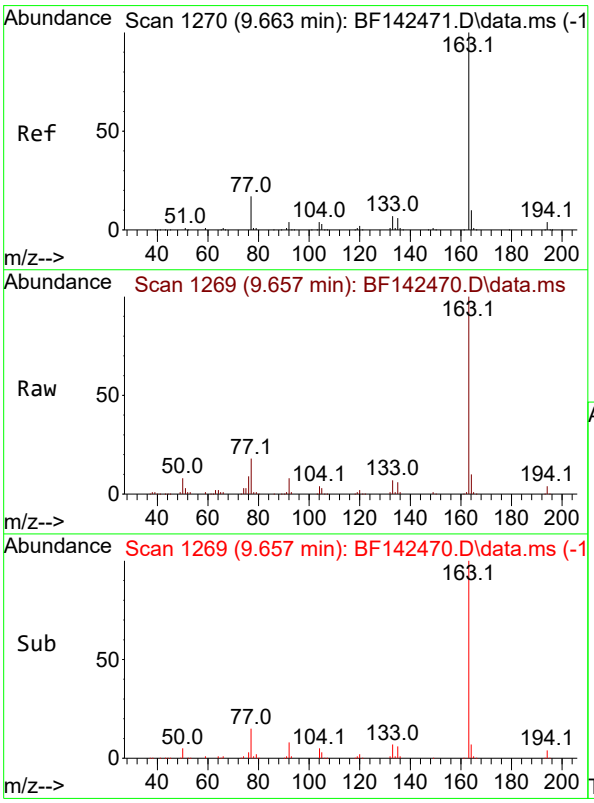
#49
Acenaphthylene
Concen: 20.945 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

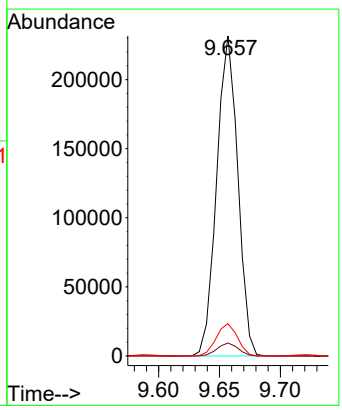


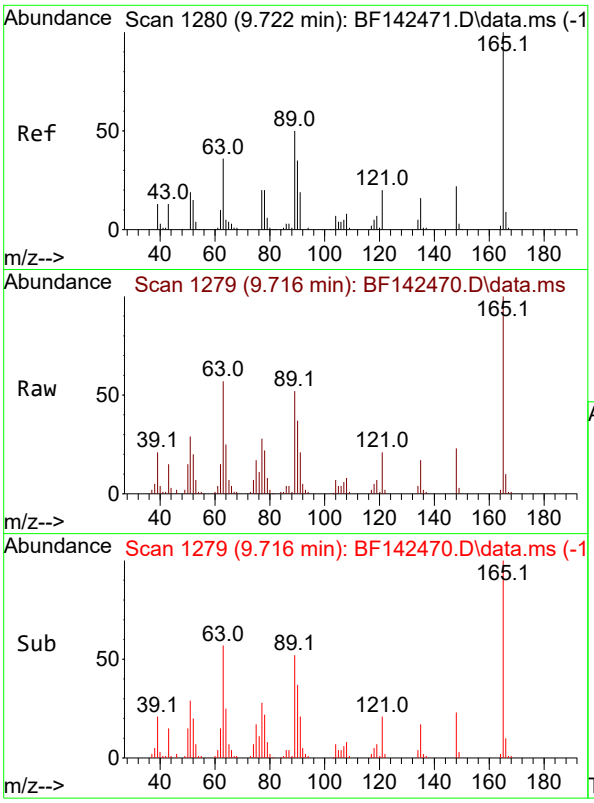


#50
Dimethylphthalate
Concen: 20.724 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



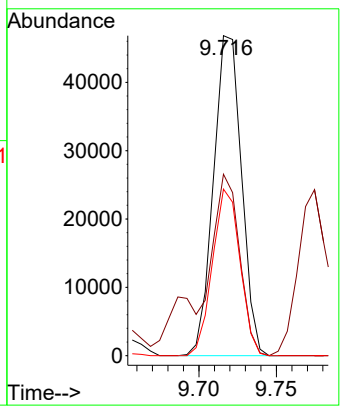


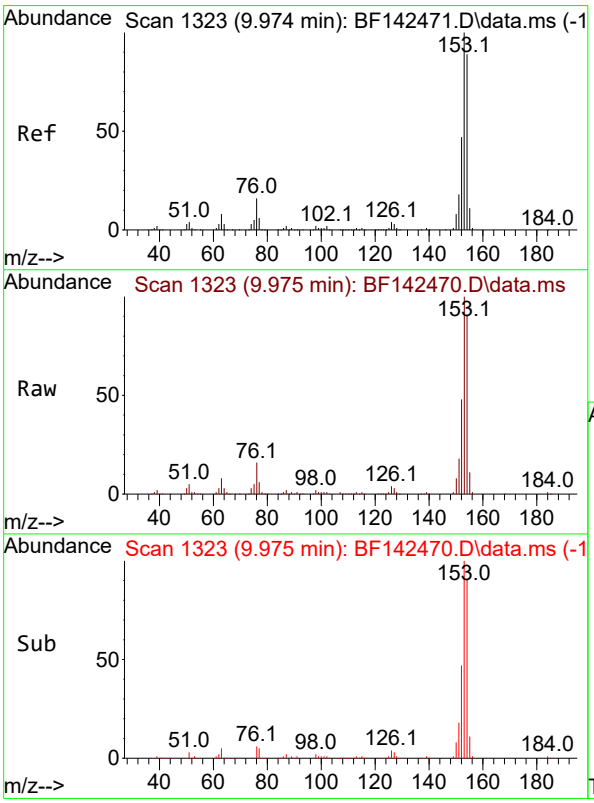
#51
2,6-Dinitrotoluene
Concen: 20.308 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

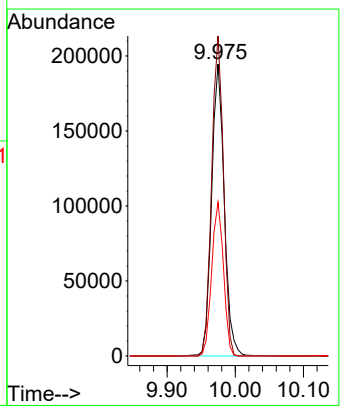


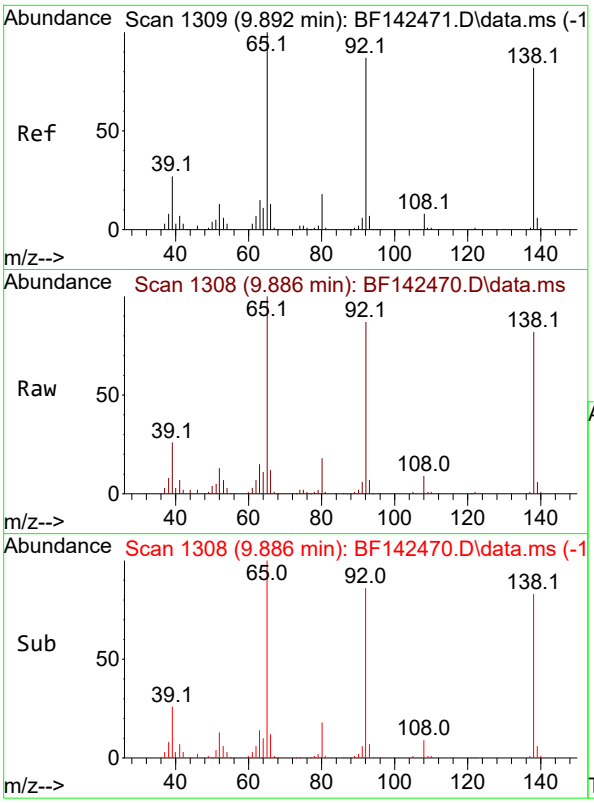


#52
Acenaphthene
Concen: 20.764 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



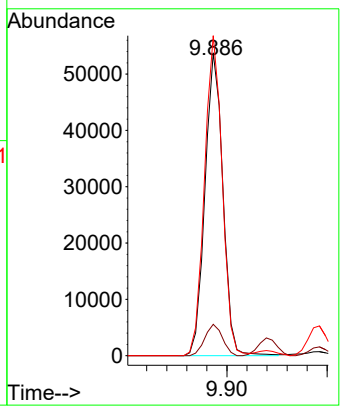


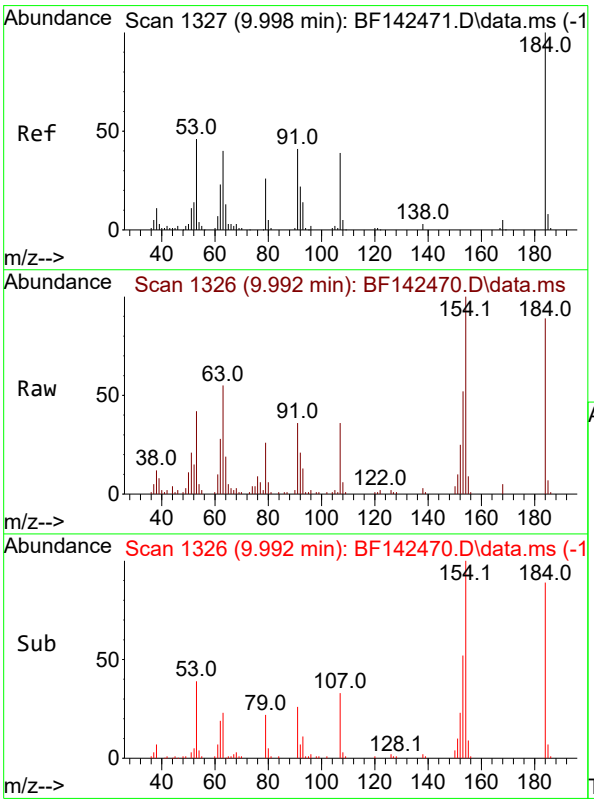
#53
3-Nitroaniline
Concen: 21.055 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

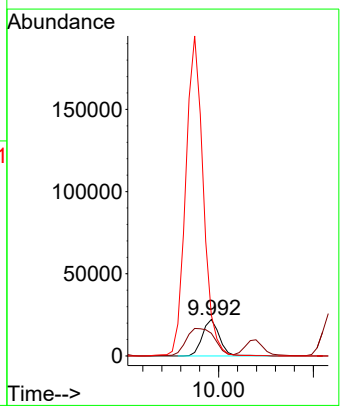


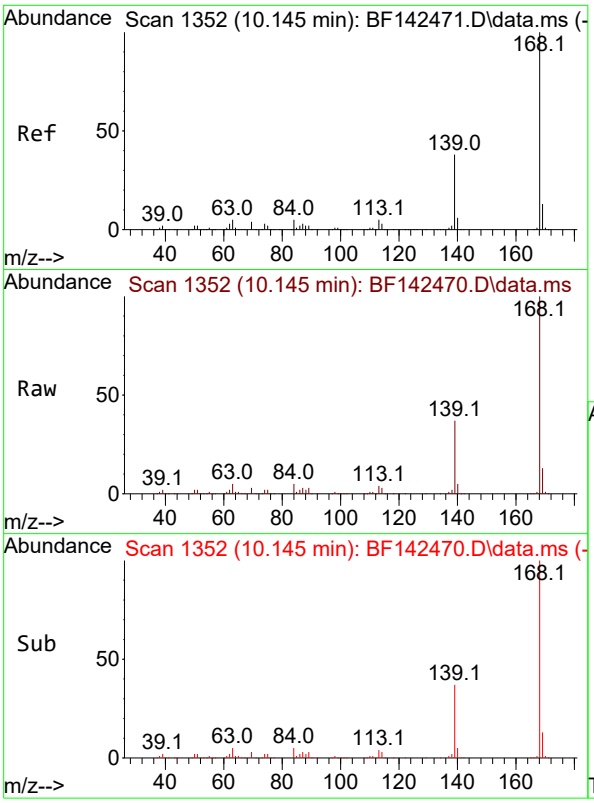


#54
2,4-Dinitrophenol
Concen: 18.553 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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#



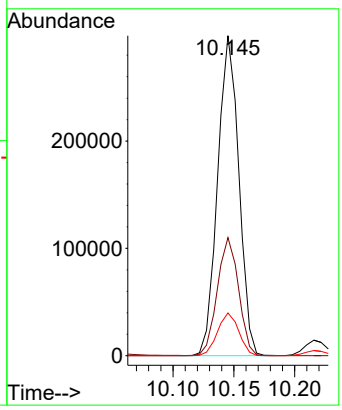


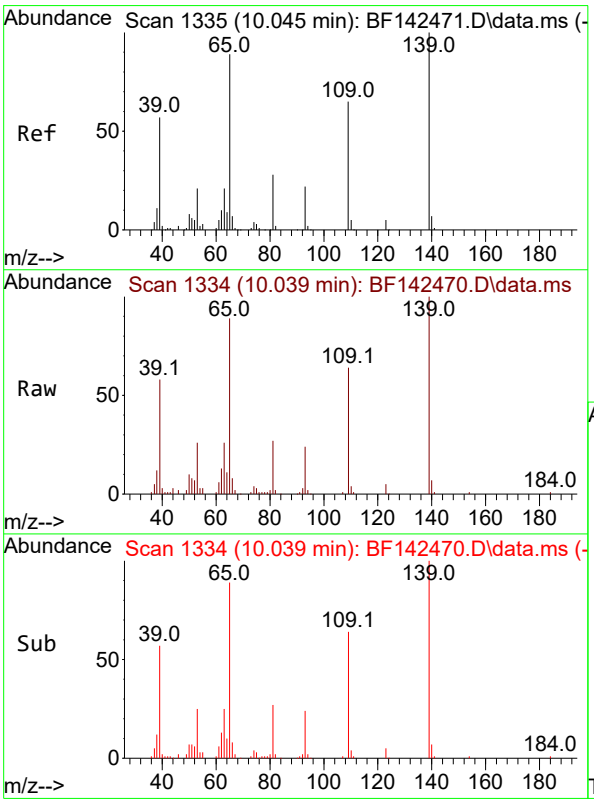
#55
Dibenzofuran
Concen: 20.792 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

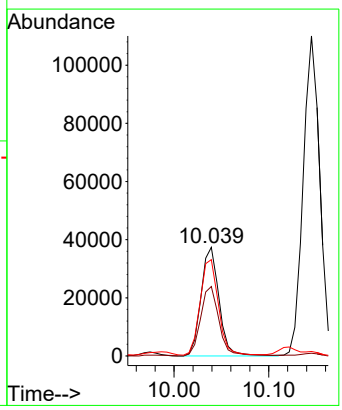


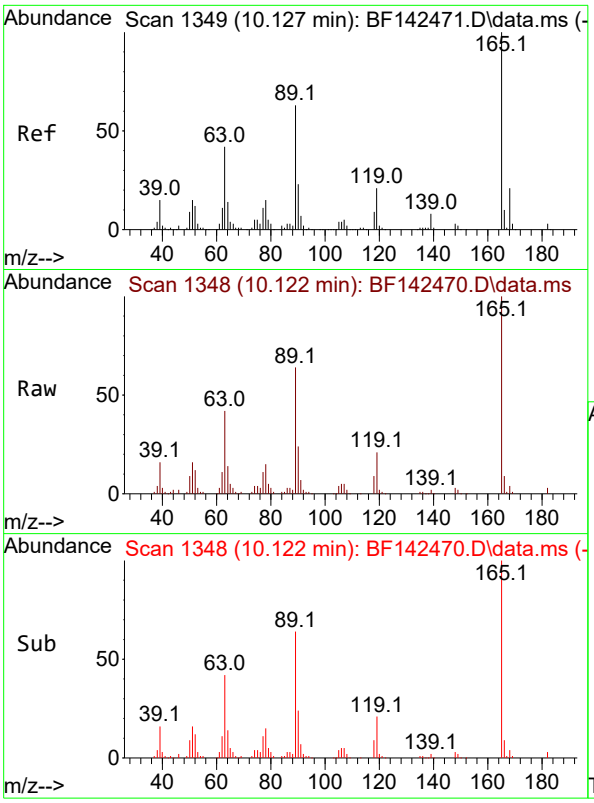


#56
4-Nitrophenol
Concen: 21.067 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



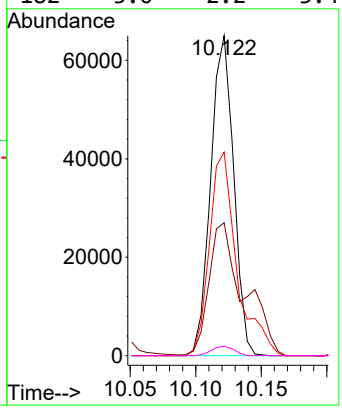


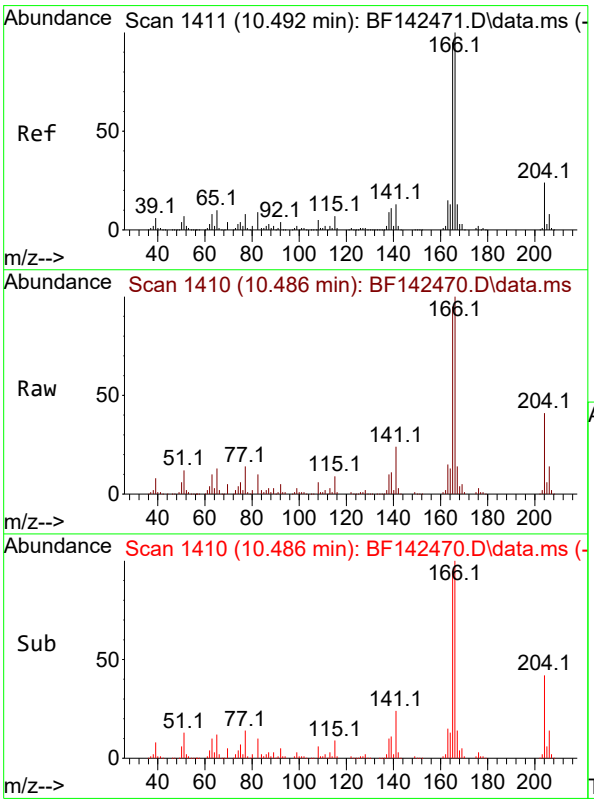
#57
2,4-Dinitrotoluene
Concen: 20.827 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

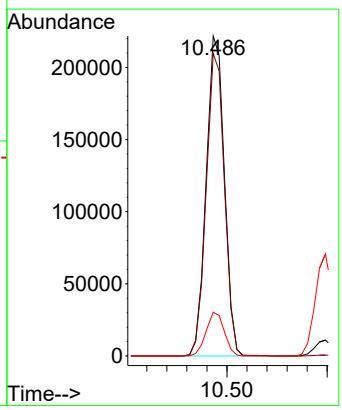


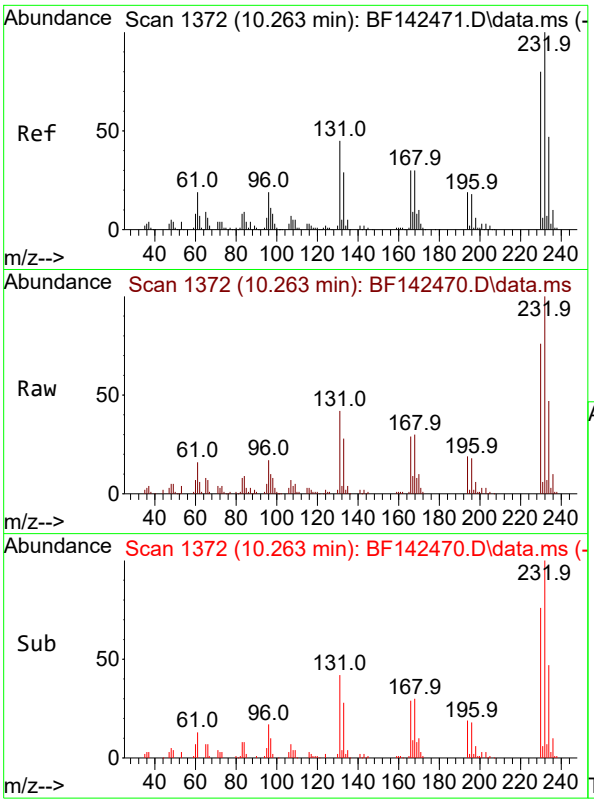


#58
Fluorene
Concen: 20.878 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



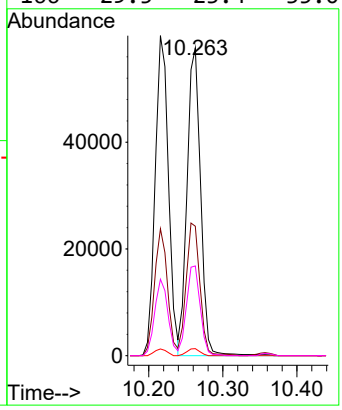


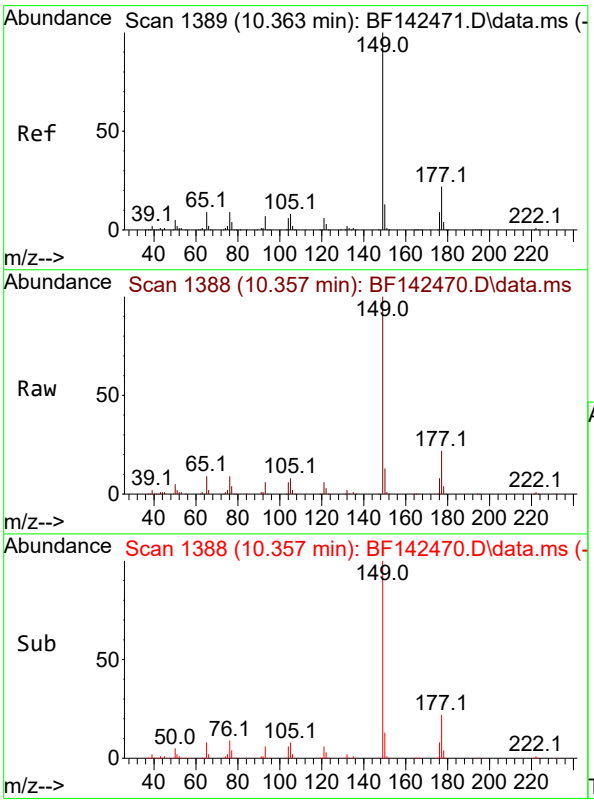
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.140 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

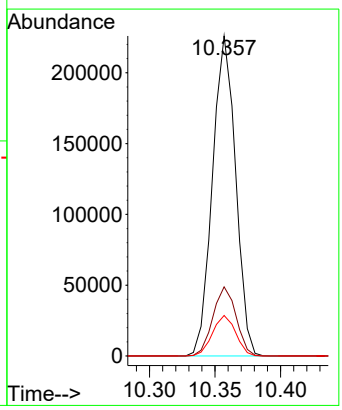


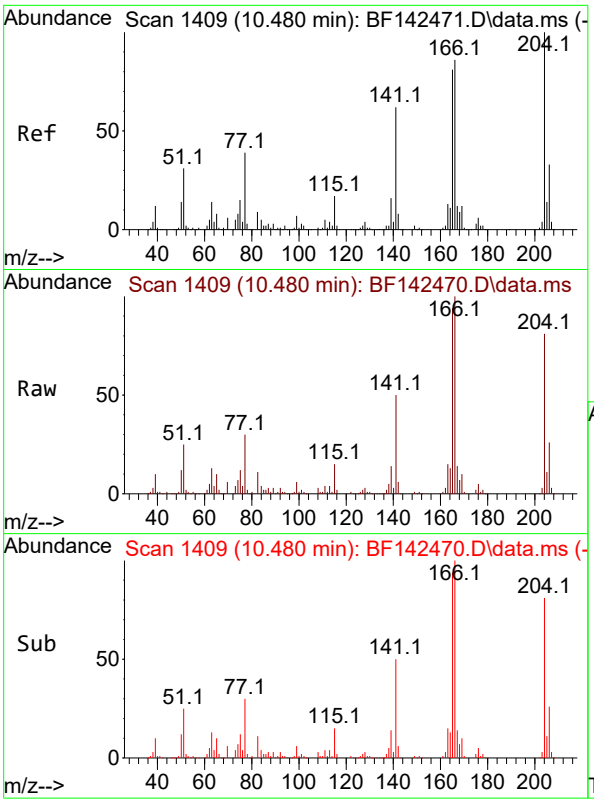


#60
Diethylphthalate
Concen: 21.084 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



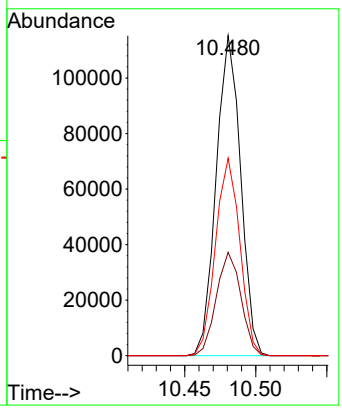


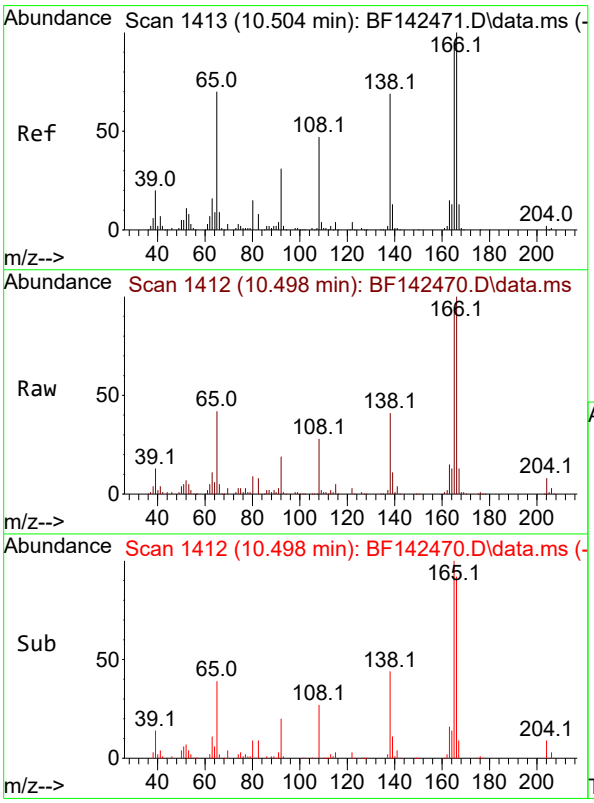
#61
4-Chlorophenyl-phenylether
Concen: 20.944 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

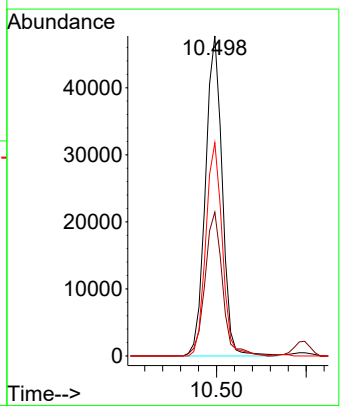


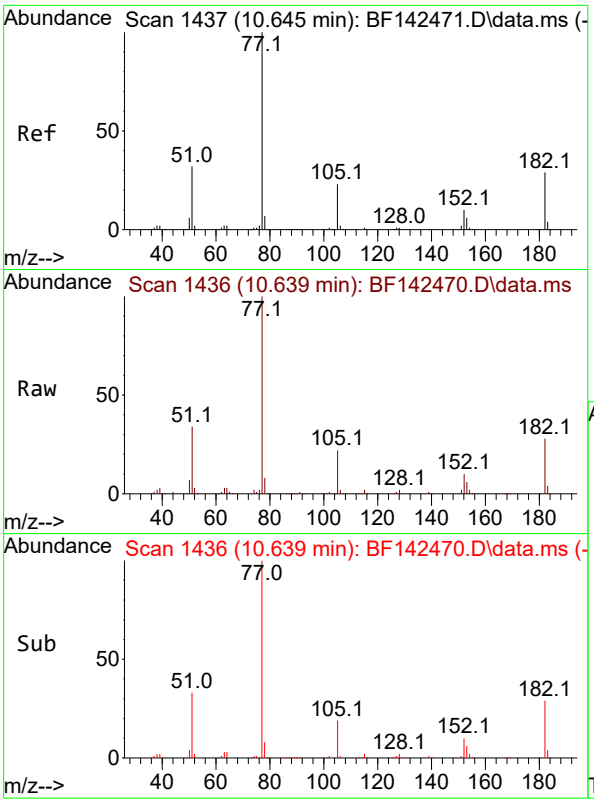


#62
4-Nitroaniline
Concen: 21.481 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



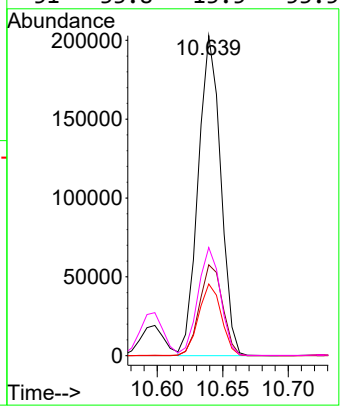


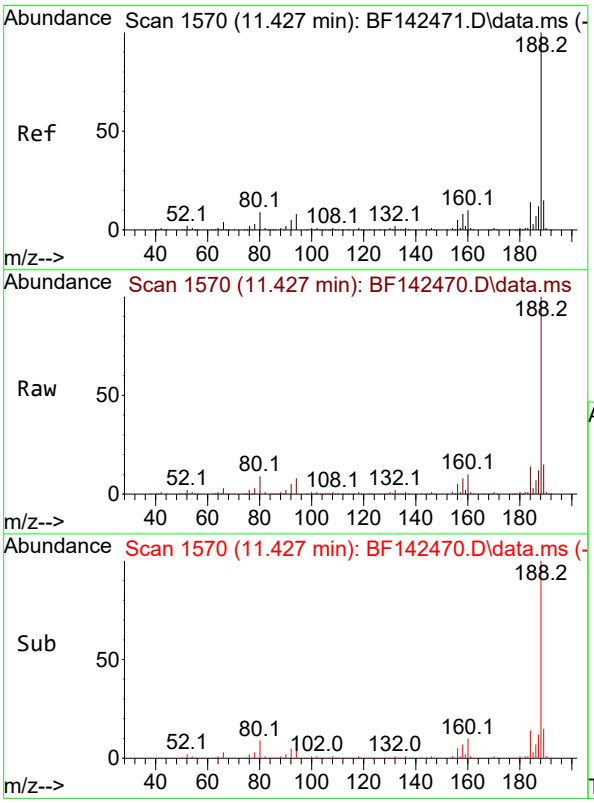
#63
Azobenzene
Concen: 20.530 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

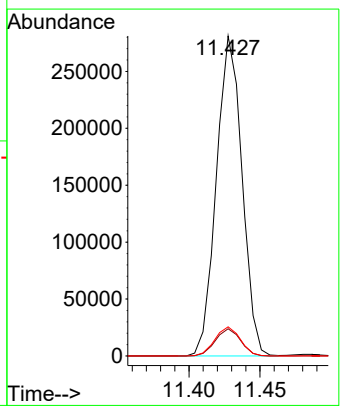


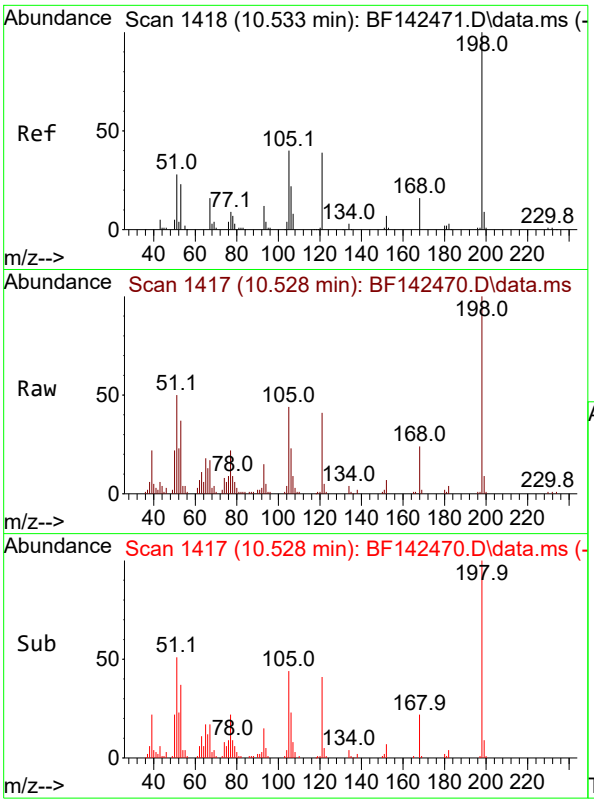


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



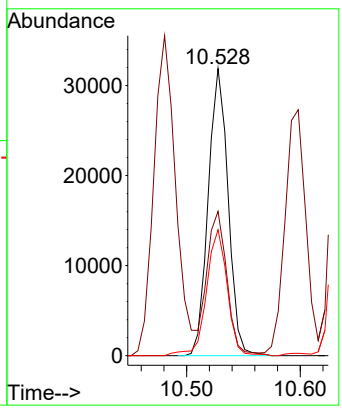


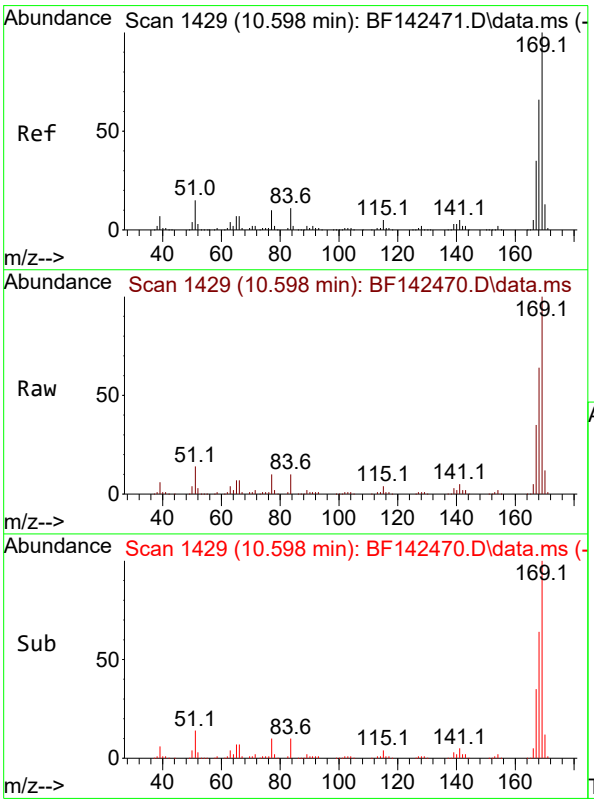
#65
4,6-Dinitro-2-methylphenol
Concen: 19.673 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

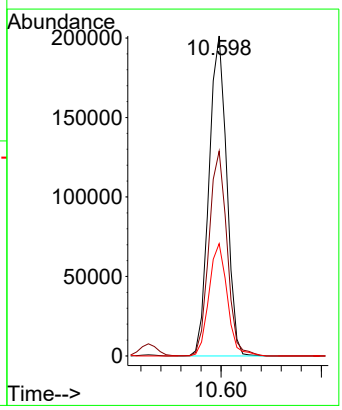


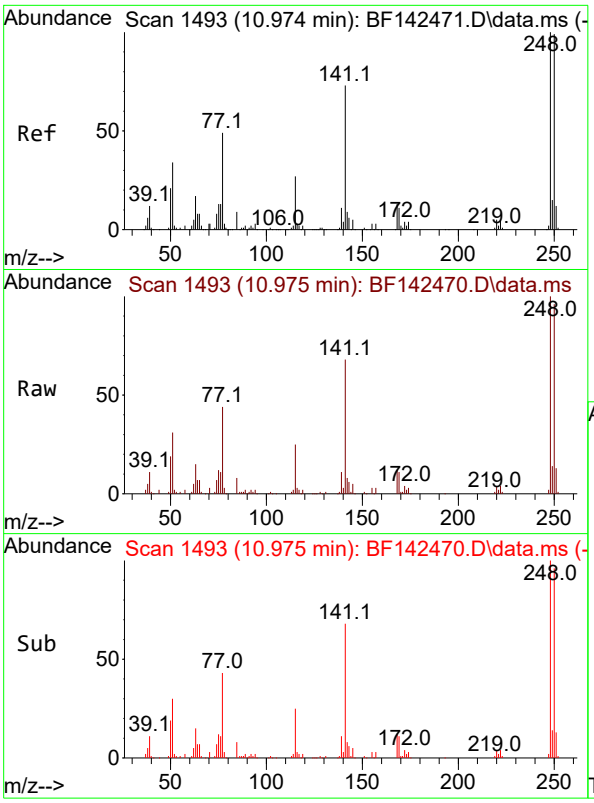


#66
n-Nitrosodiphenylamine
Concen: 20.348 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



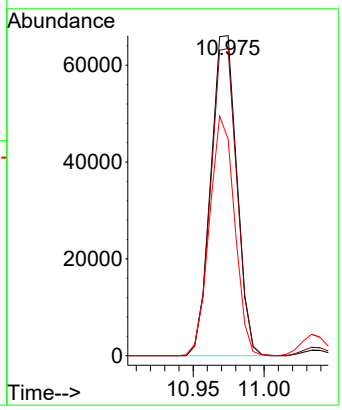


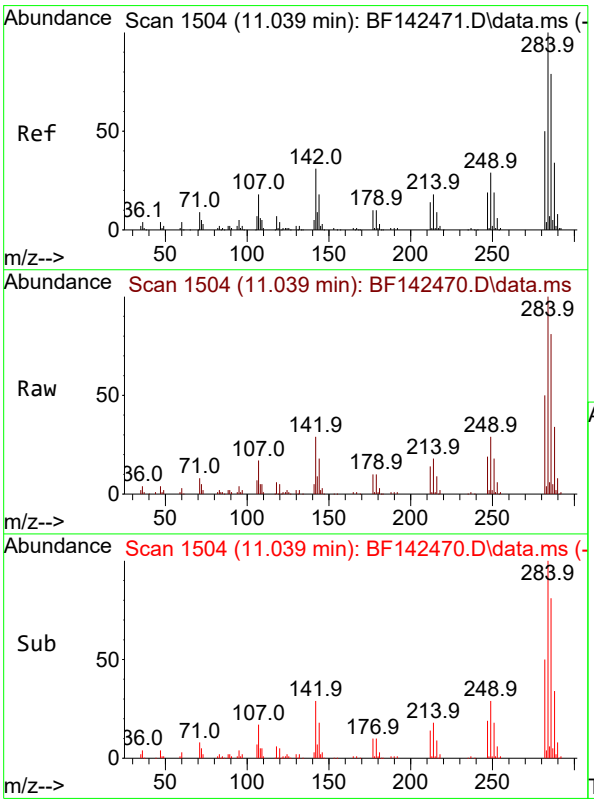
#67
4-Bromophenyl-phenylether
Concen: 20.222 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

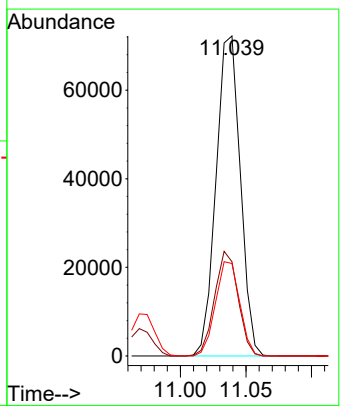


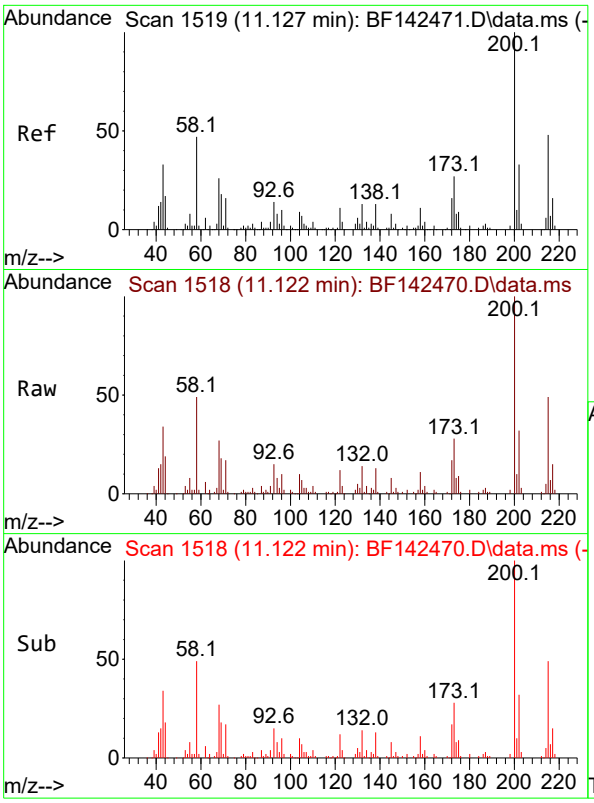


#68
Hexachlorobenzene
Concen: 20.102 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



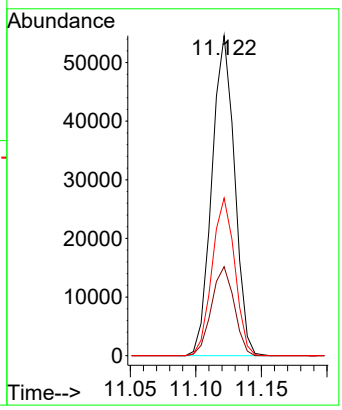


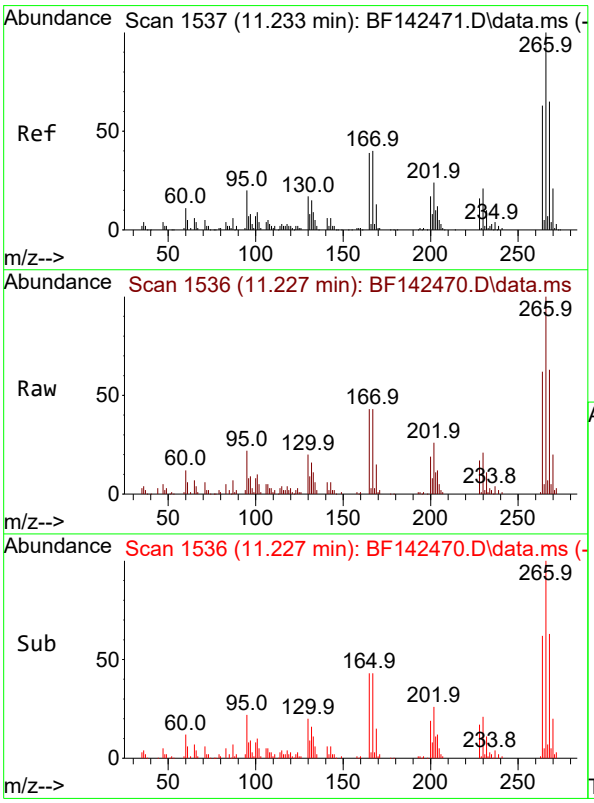
#69
Atrazine
Concen: 20.471 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

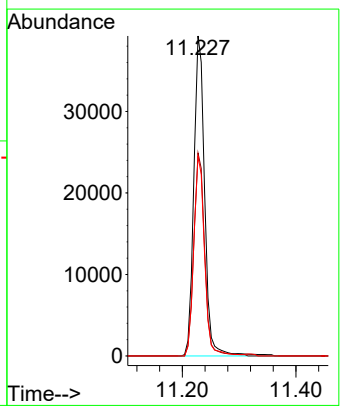


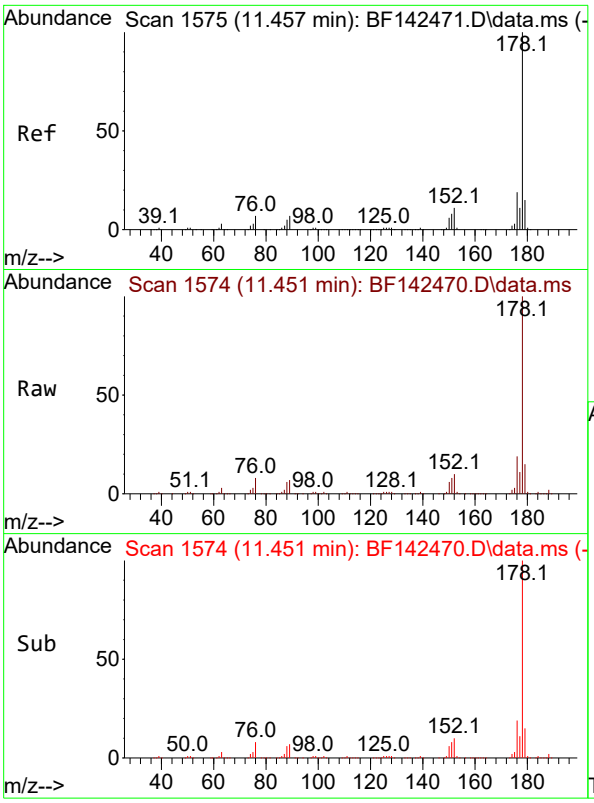


#70
Pentachlorophenol
Concen: 20.152 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



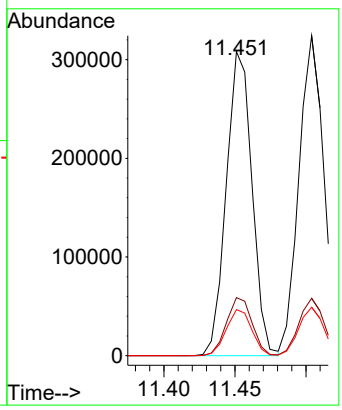


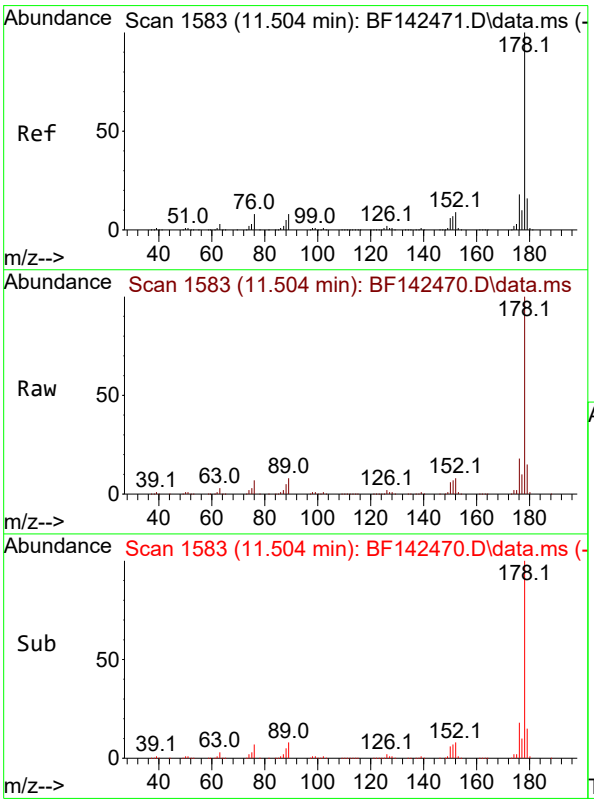
#71
Phenanthrene
Concen: 20.584 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

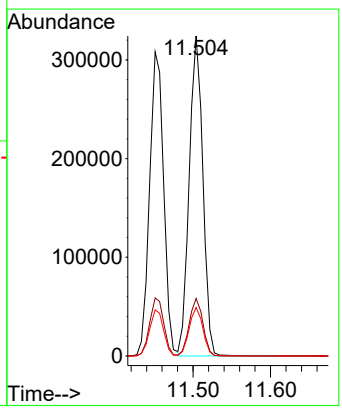


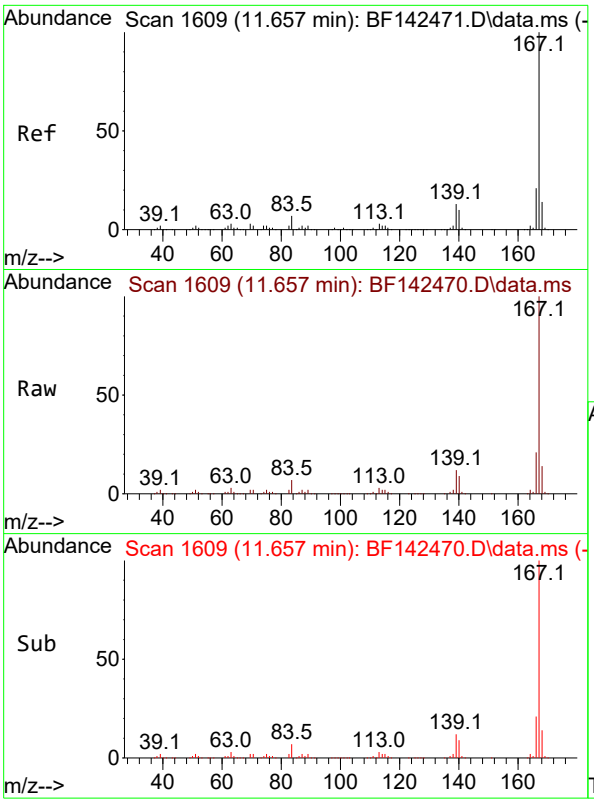


#72
Anthracene
Concen: 20.604 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



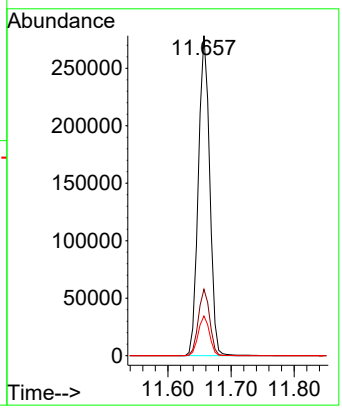


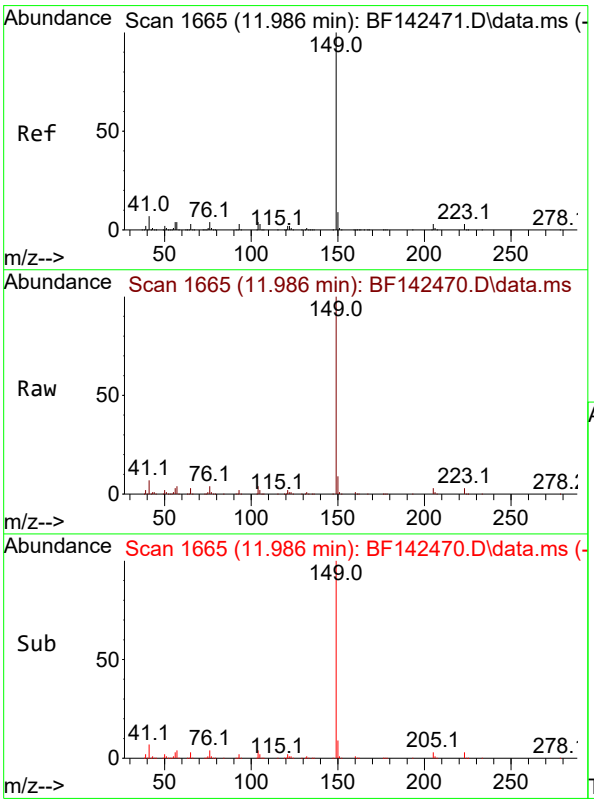
#73
Carbazole
Concen: 21.055 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

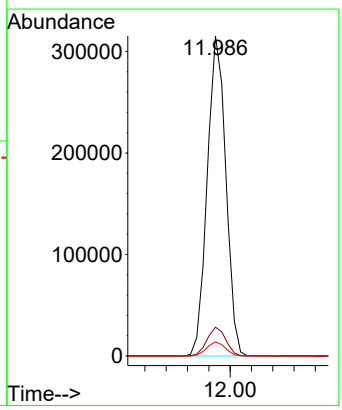


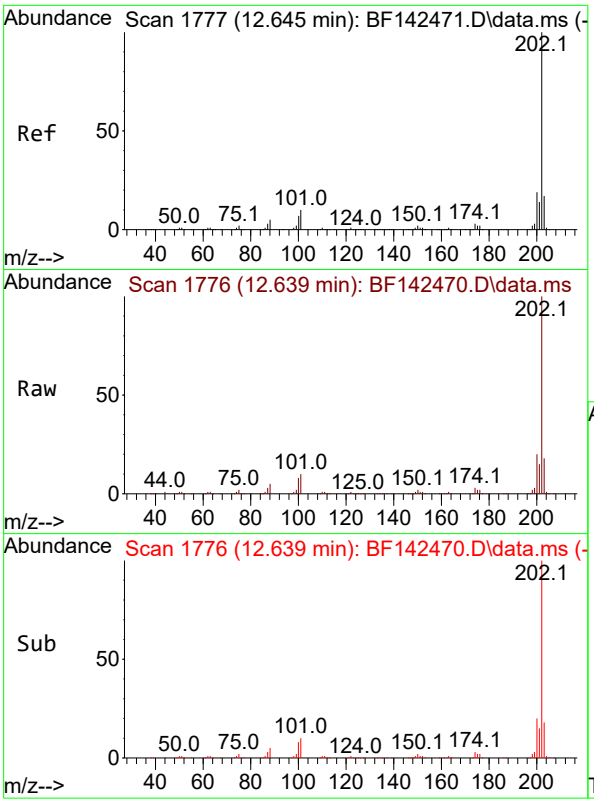


#74
Di-n-butylphthalate
Concen: 21.221 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



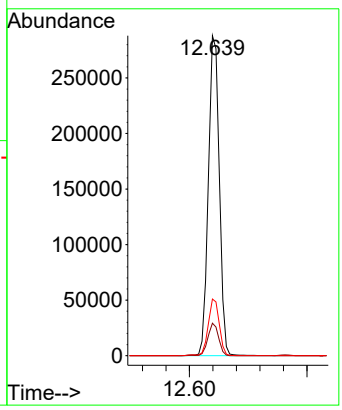


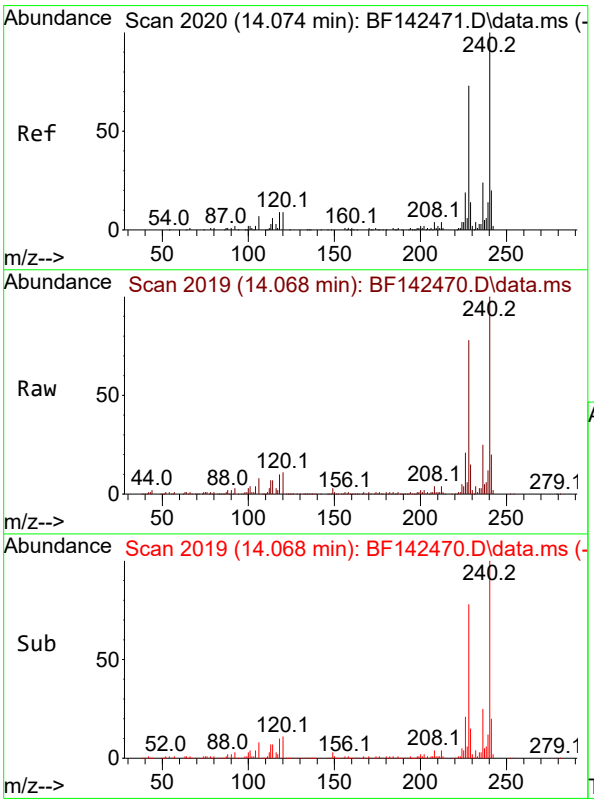
#75
Fluoranthene
Concen: 21.059 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

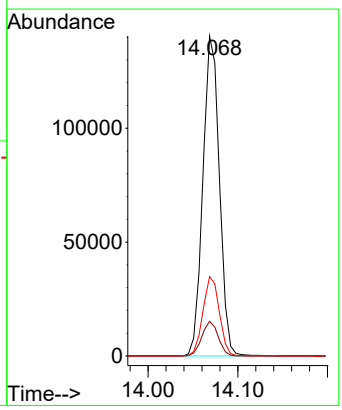


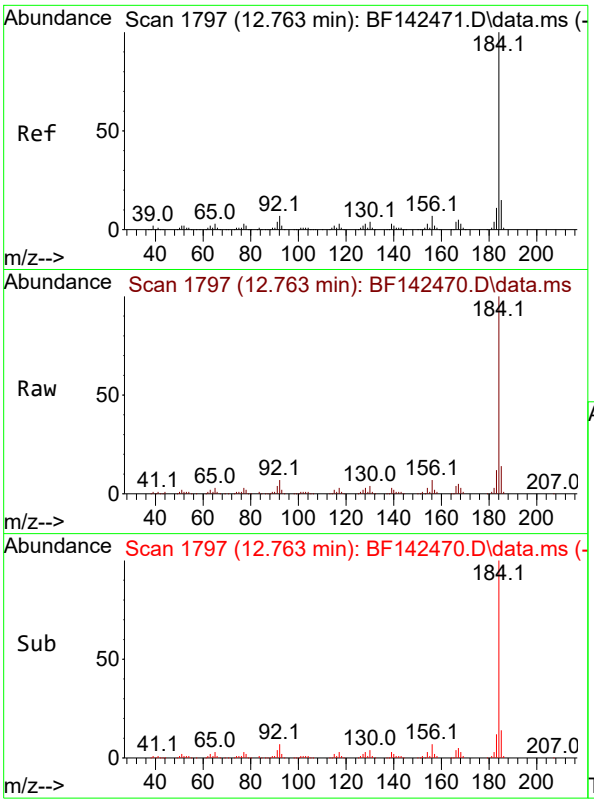


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



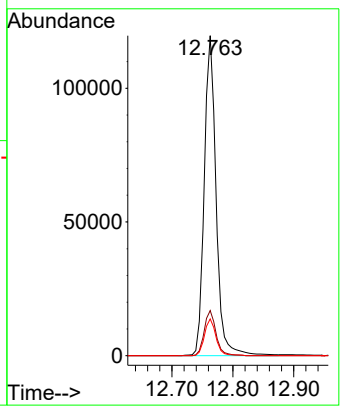


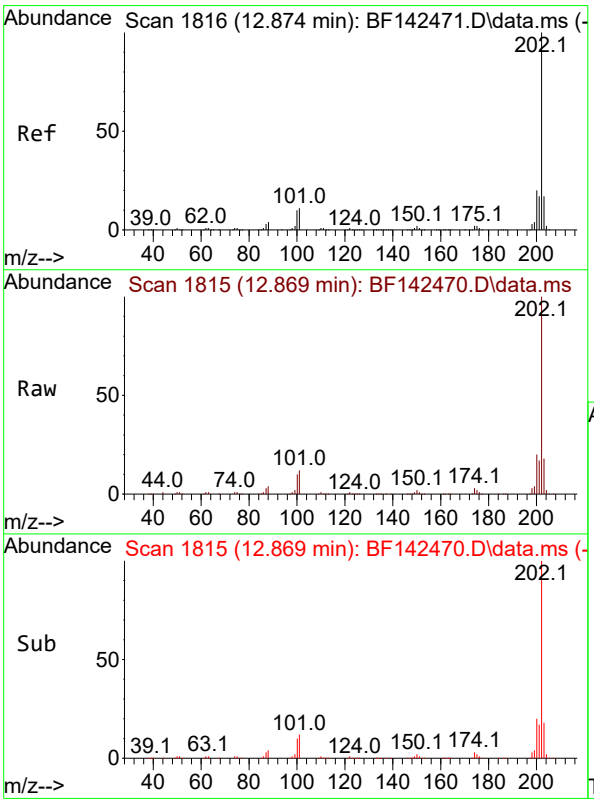
#77
Benzidine
Concen: 24.258 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

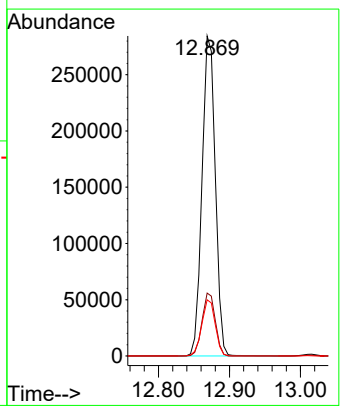


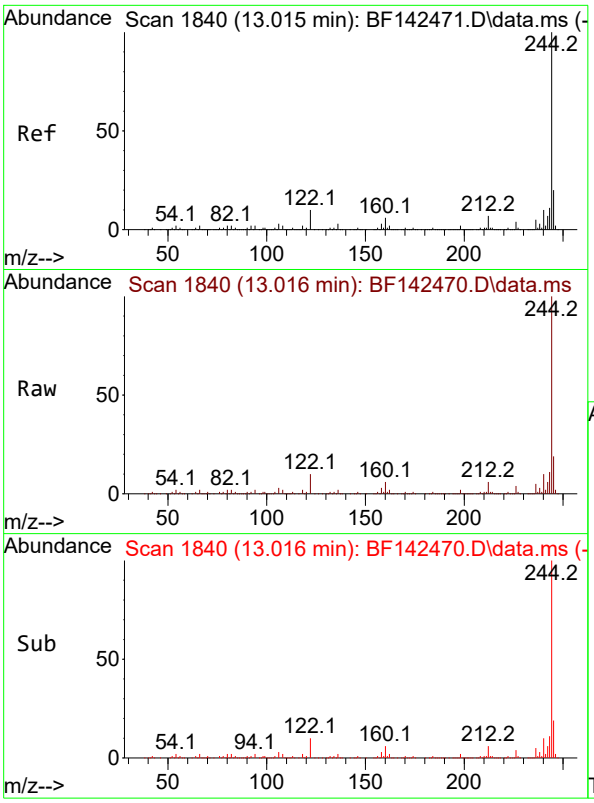


#78
Pyrene
Concen: 22.144 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



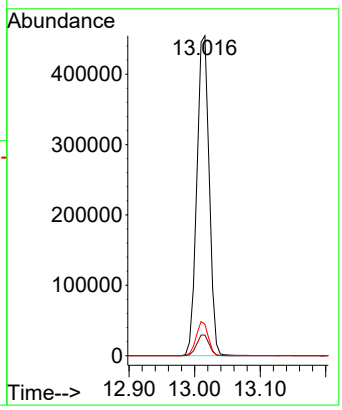


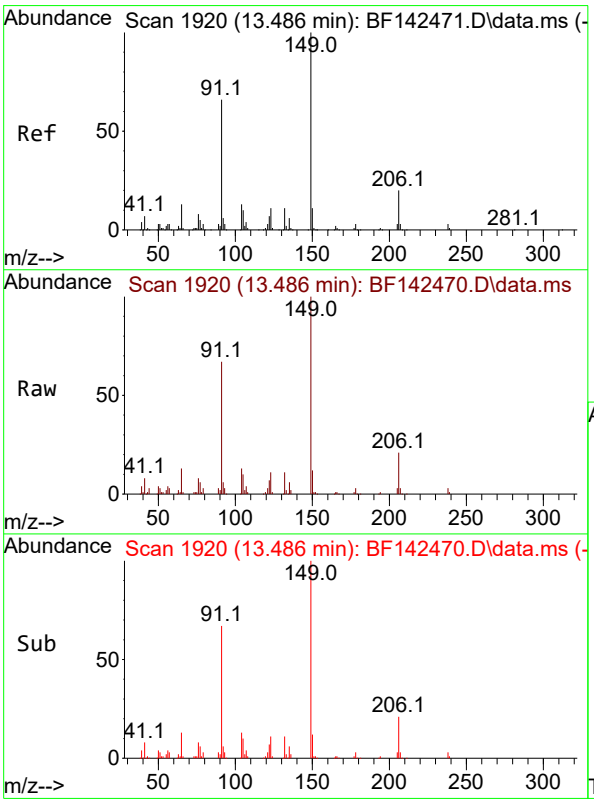
#79
Terphenyl-d14
Concen: 45.382 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

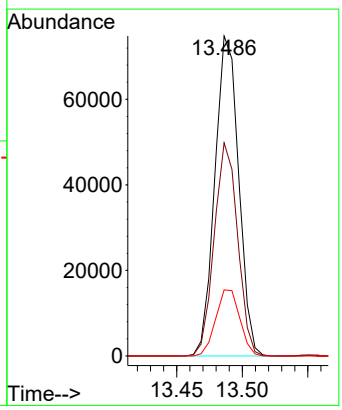


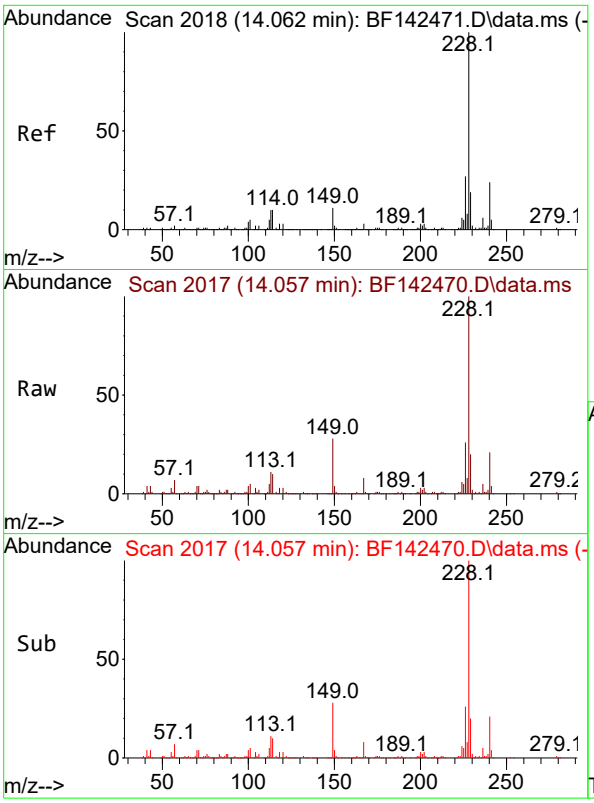


#80
Butylbenzylphthalate
Concen: 20.379 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



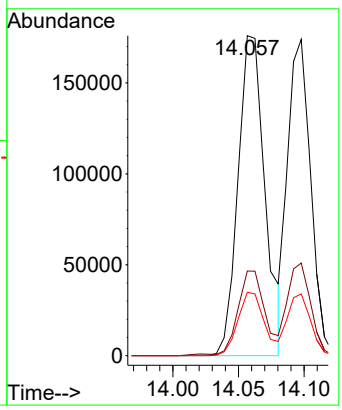


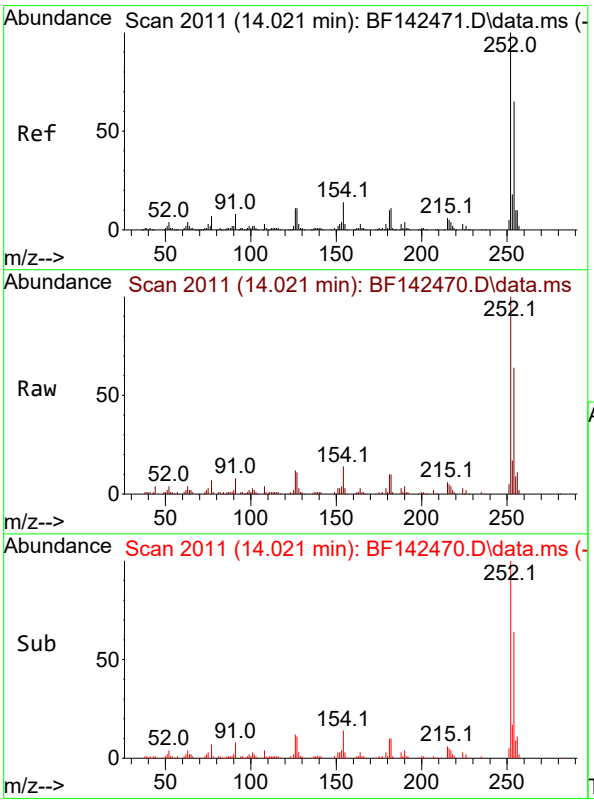
#81
Benzo(a)anthracene
Concen: 21.013 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

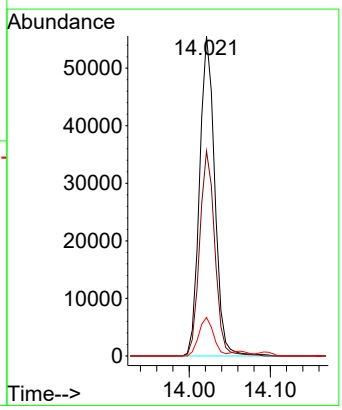


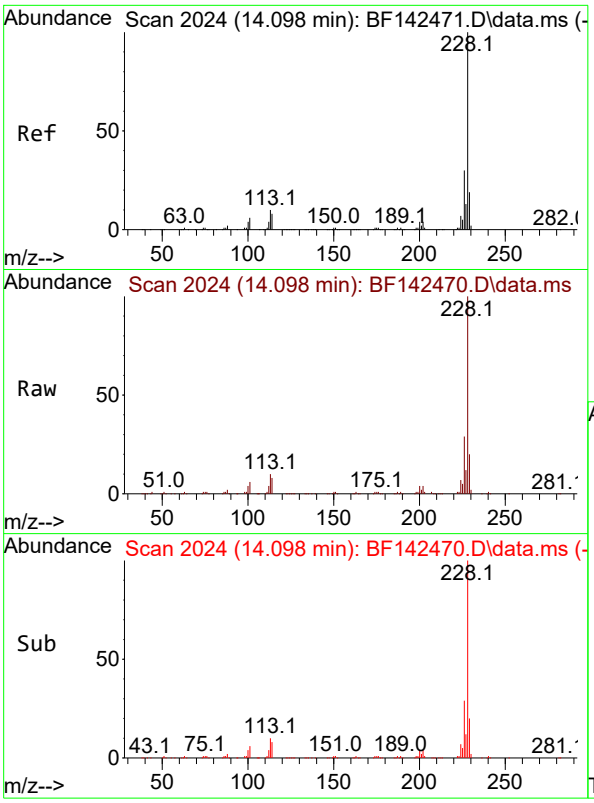


#82
3,3'-Dichlorobenzidine
Concen: 19.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



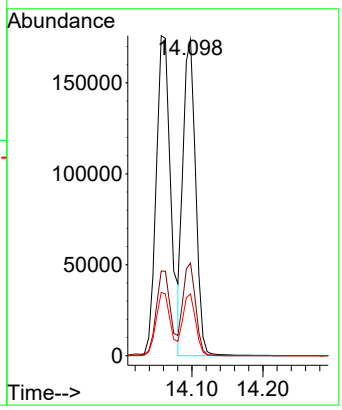


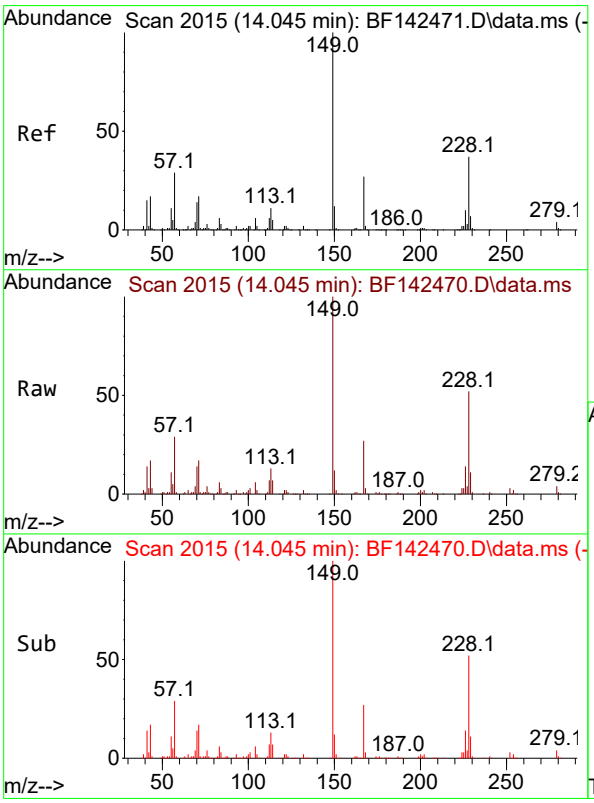
#83
Chrysene
Concen: 19.890 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

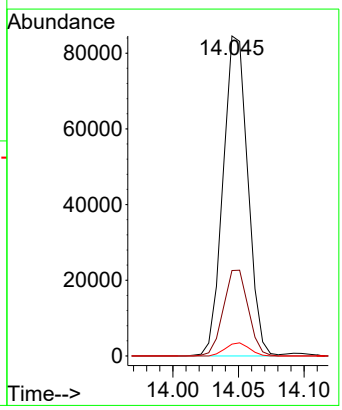


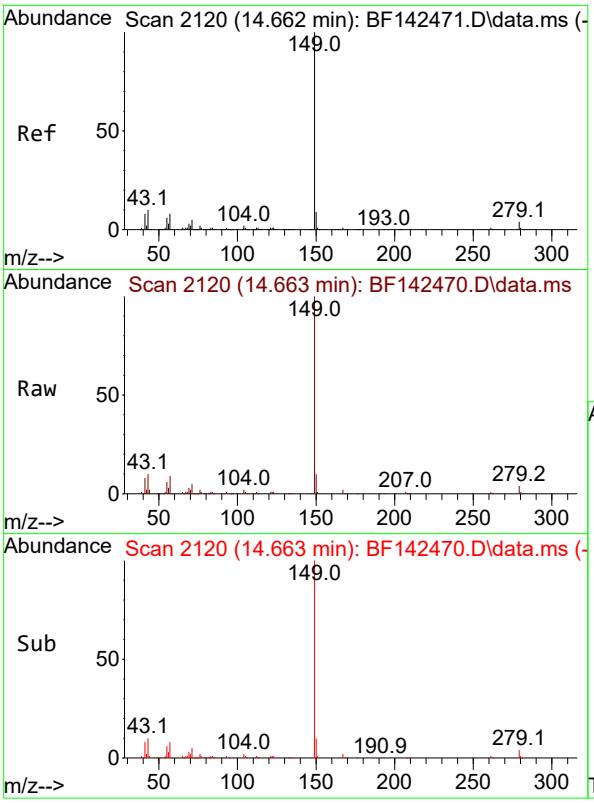


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.743 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



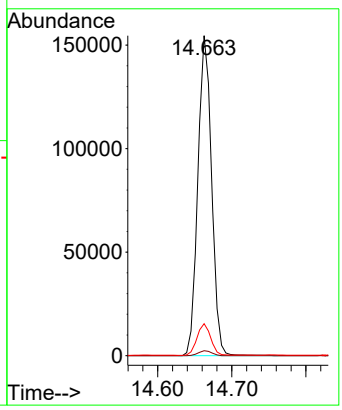


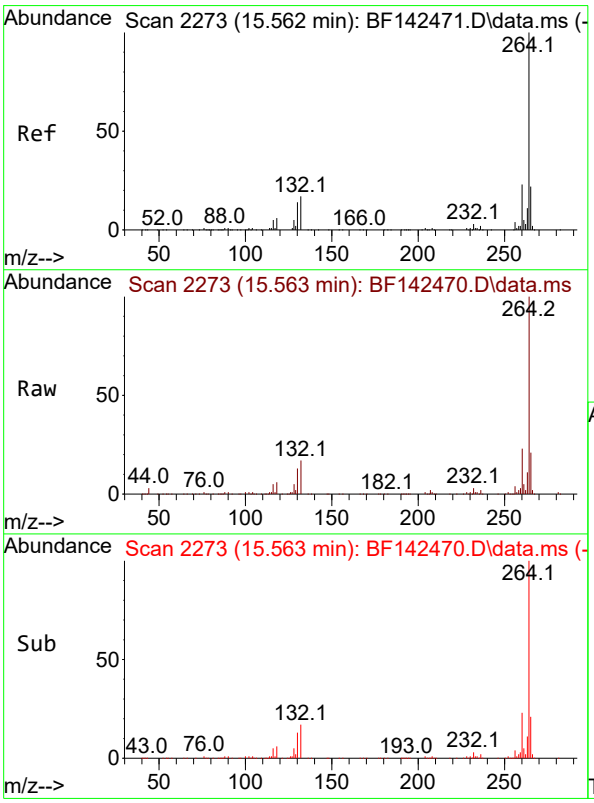
#85
Di-n-octyl phthalate
Concen: 17.166 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

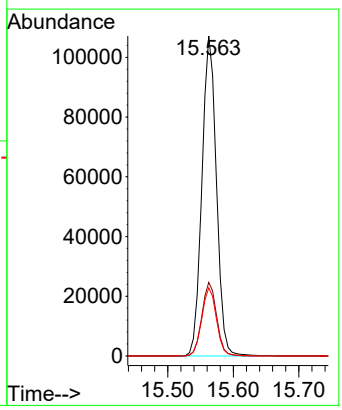


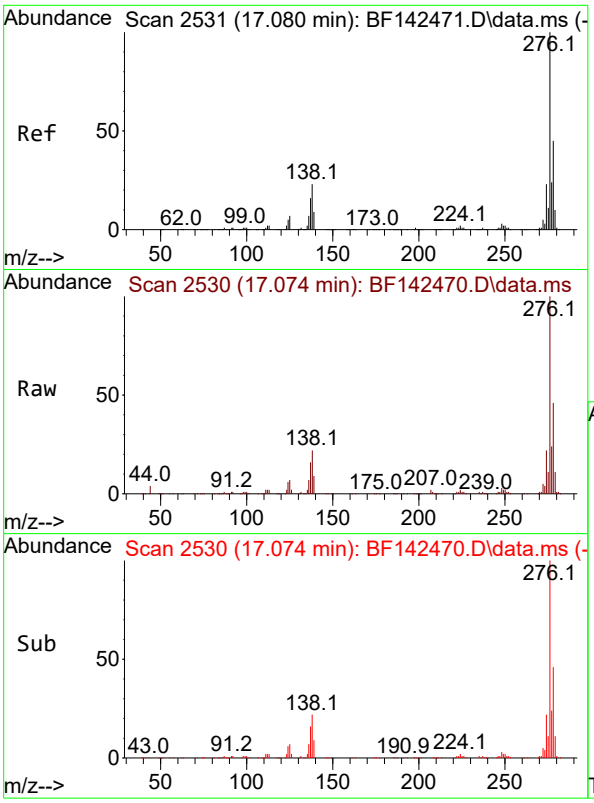


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



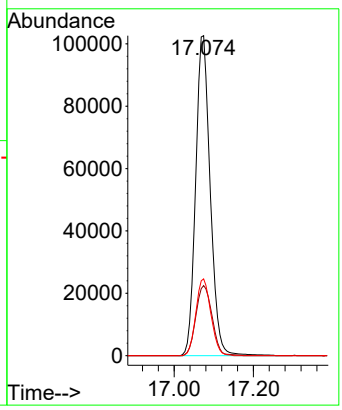


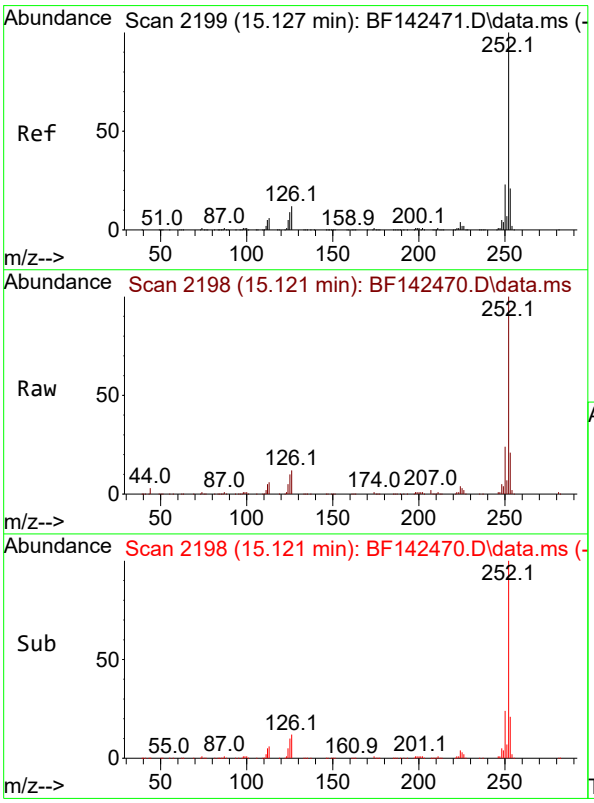
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.080 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

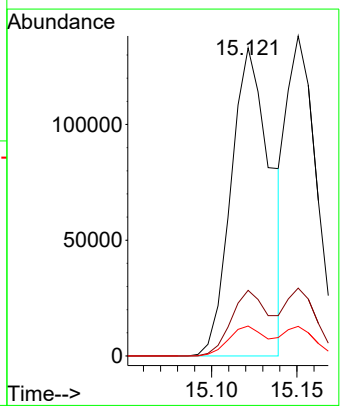


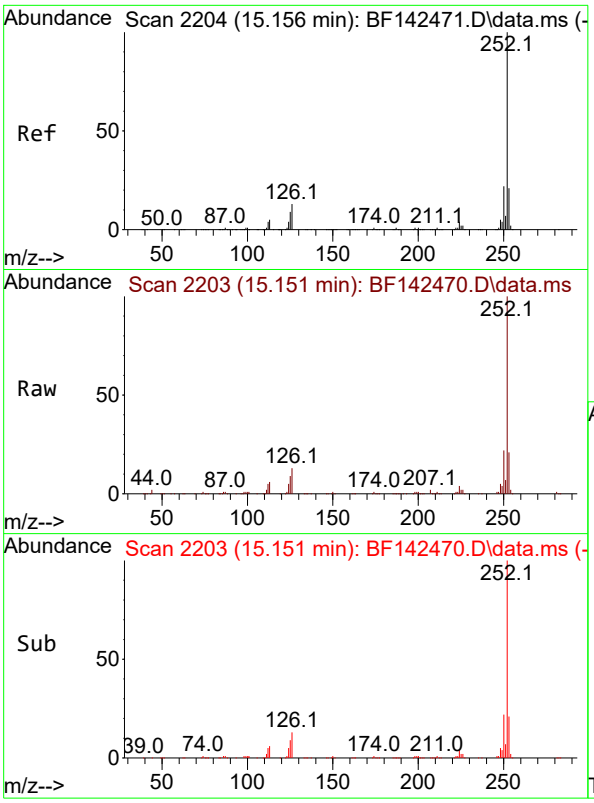


#88
Benzo(b)fluoranthene
Concen: 21.849 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



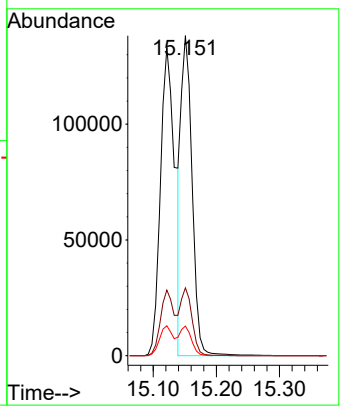


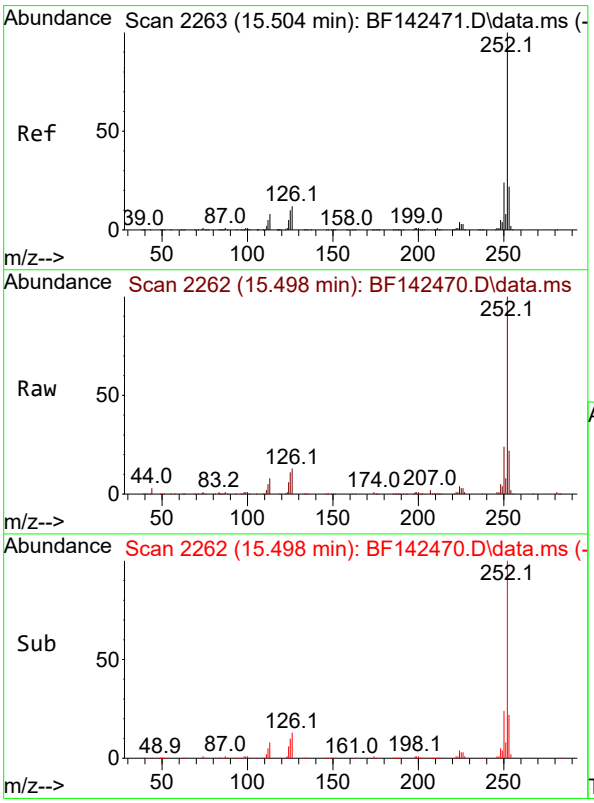
#89
Benzo(k)fluoranthene
Concen: 18.611 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

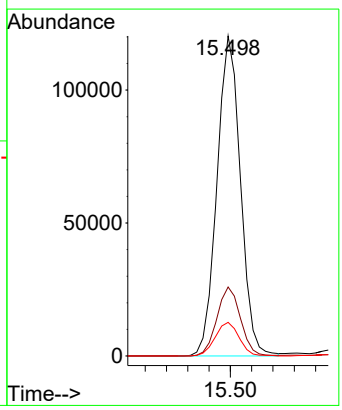


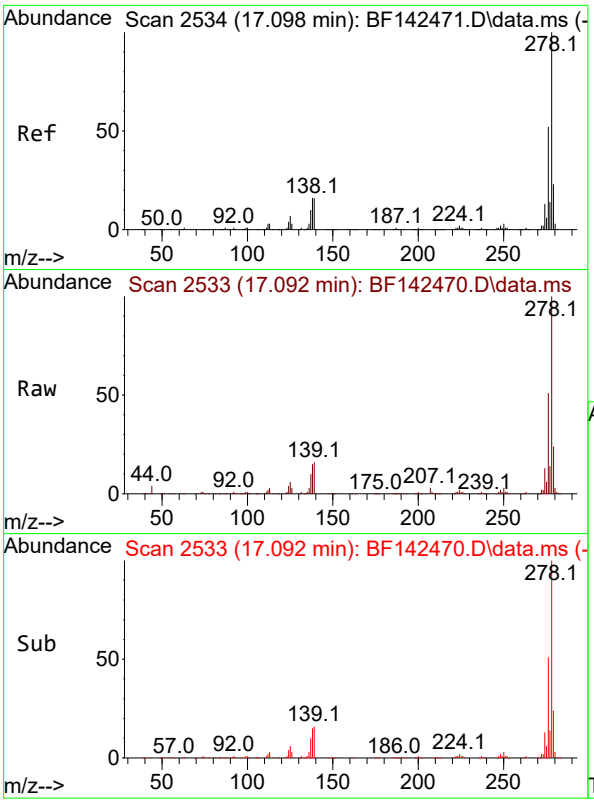


#90
Benzo(a)pyrene
Concen: 19.976 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



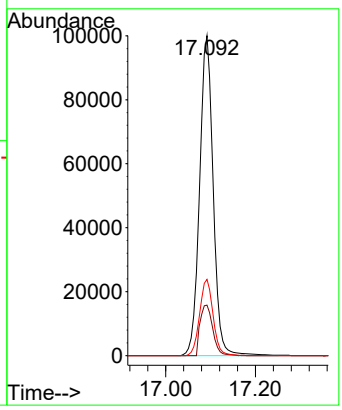


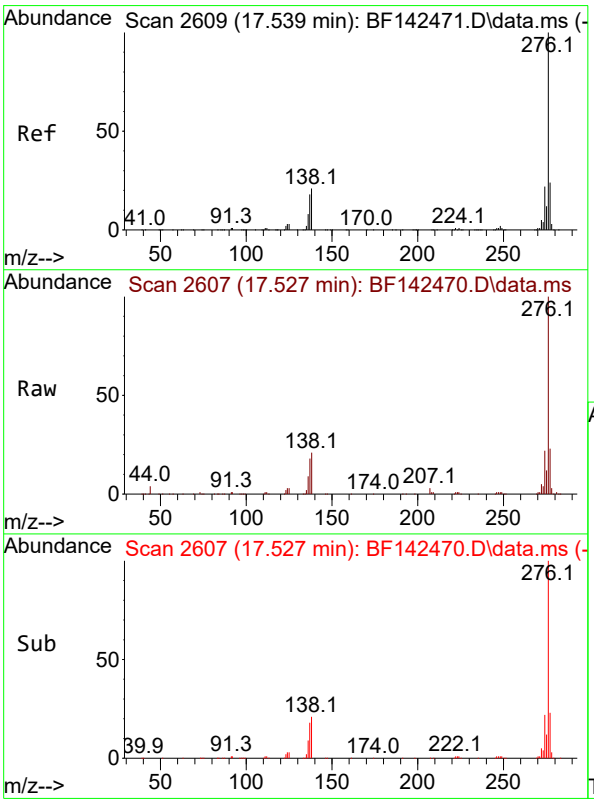
#91
Dibenzo(a,h)anthracene
Concen: 20.946 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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

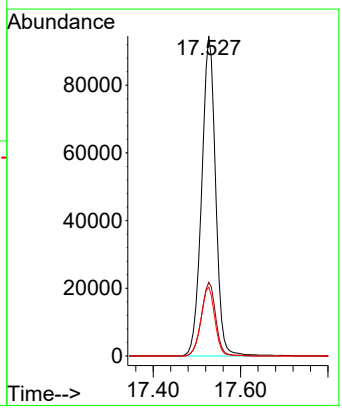




#92
Benzo(g,h,i)perylene
Concen: 20.859 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

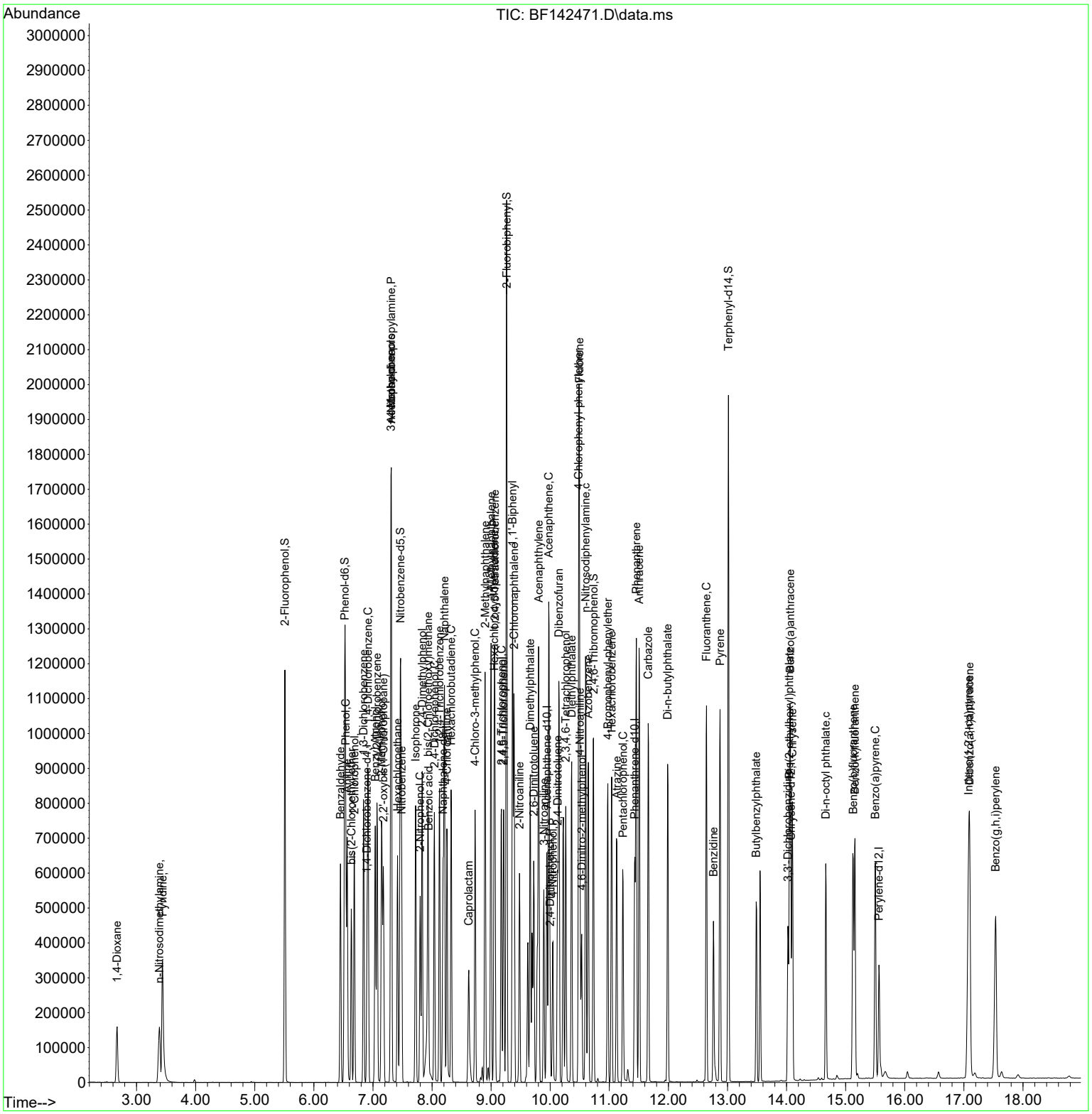
(#) = qualifier out of range (m) = manual integration (+) = signals summed

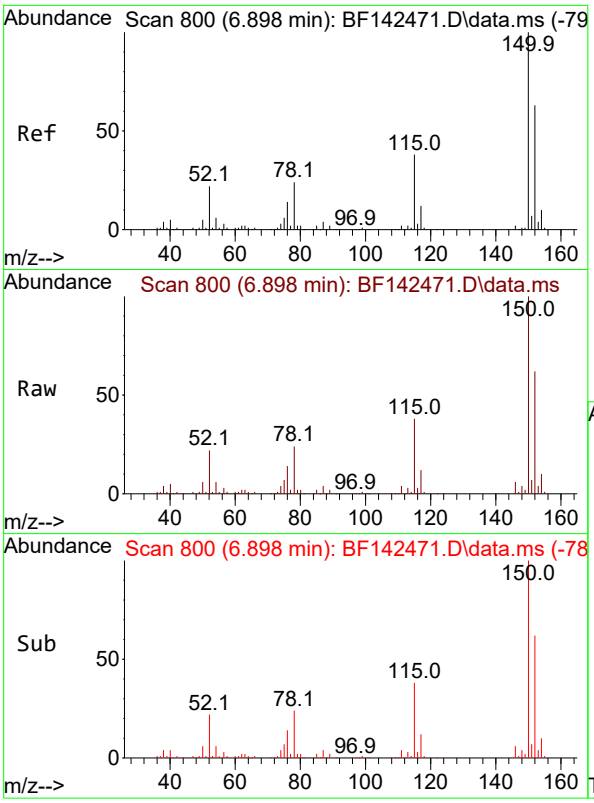
ICAL Form

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



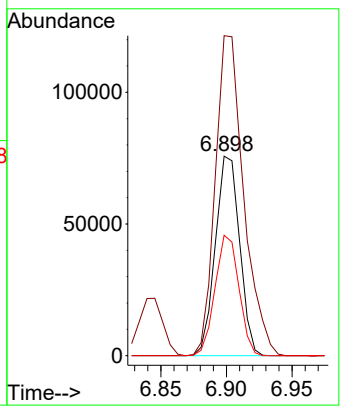


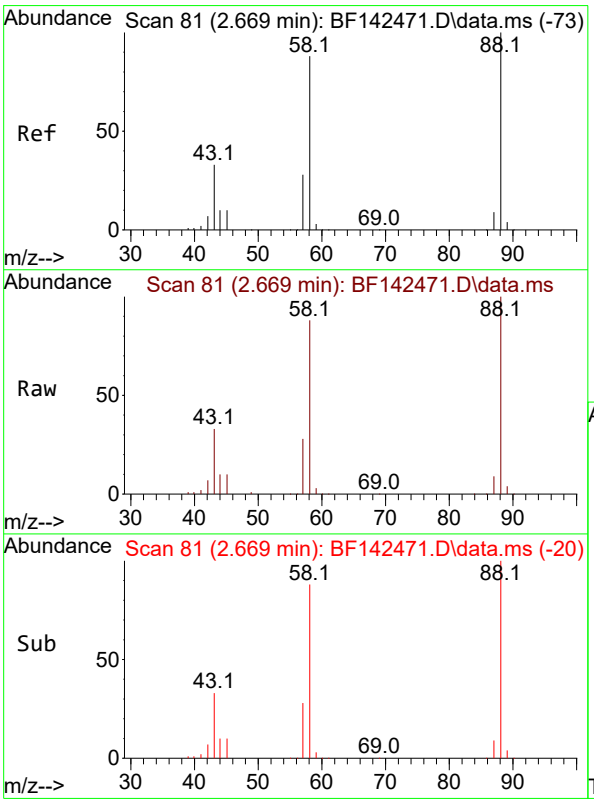
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

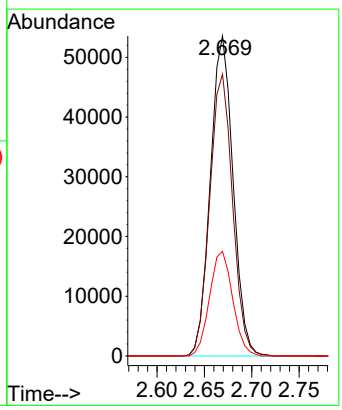


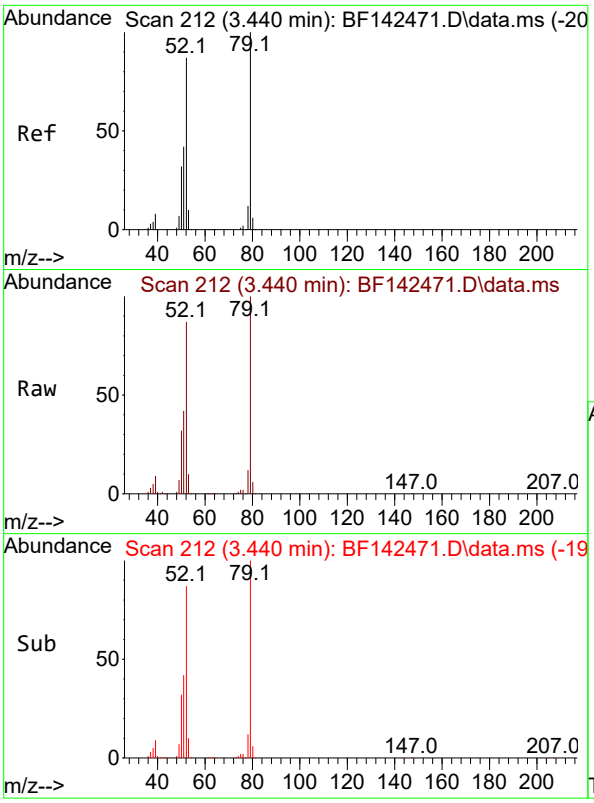


#2
1,4-Dioxane
Concen: 38.557 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



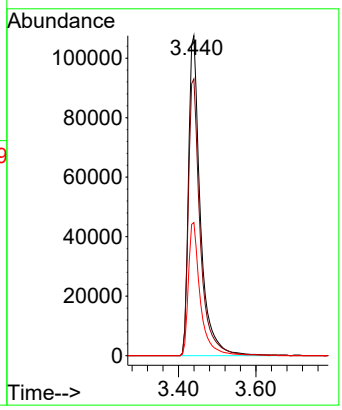


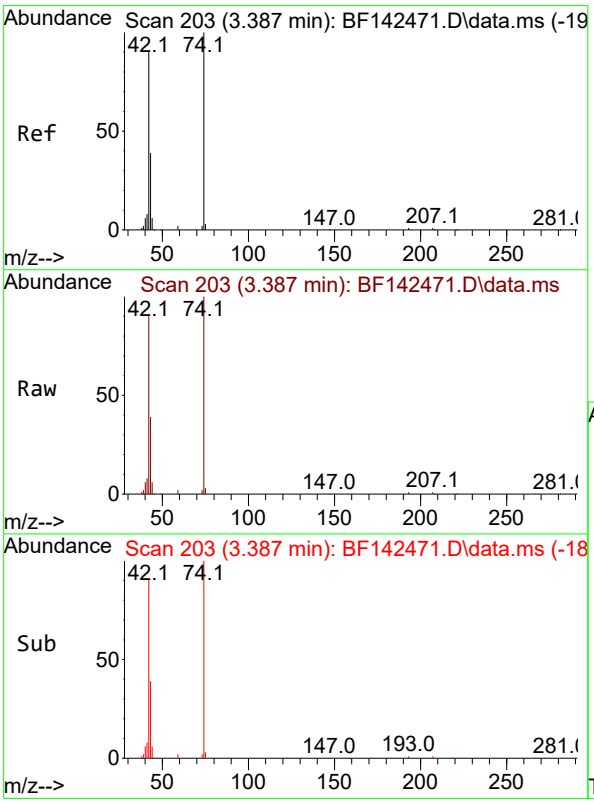
#3
Pyridine
Concen: 38.694 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

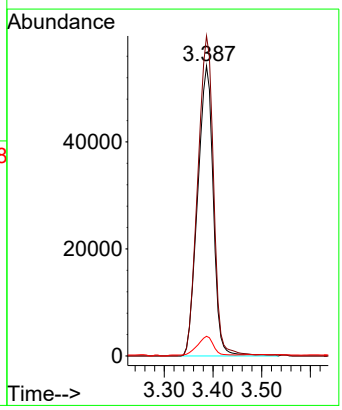


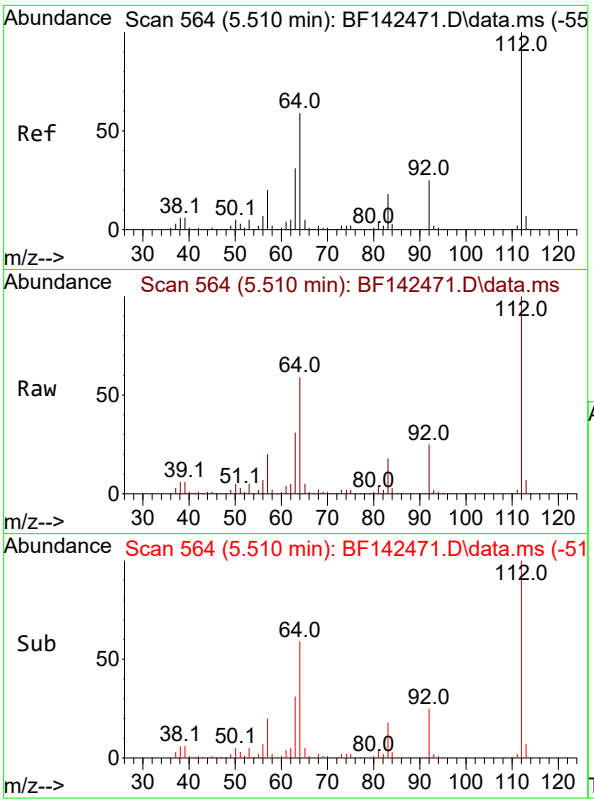


#4
n-Nitrosodimethylamine
Concen: 39.412 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



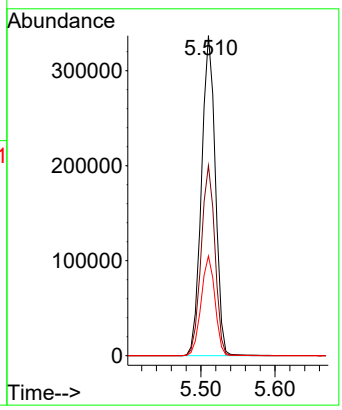


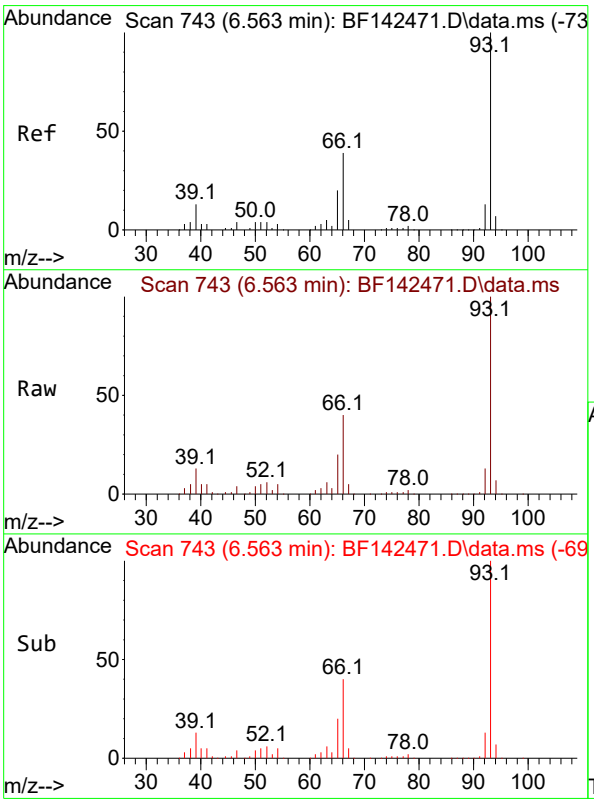
#5
2-Fluorophenol
Concen: 75.840 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

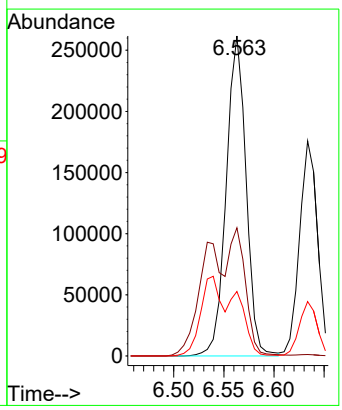


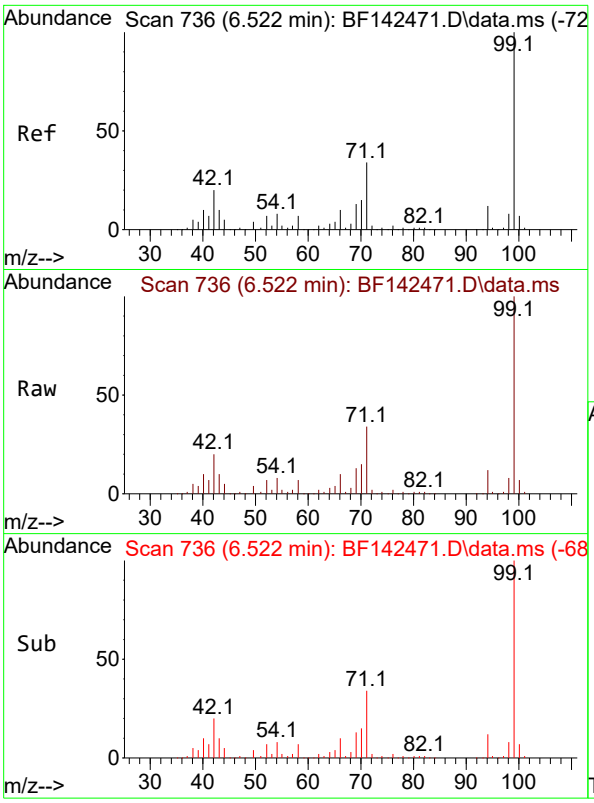


#6
Aniline
Concen: 38.378 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



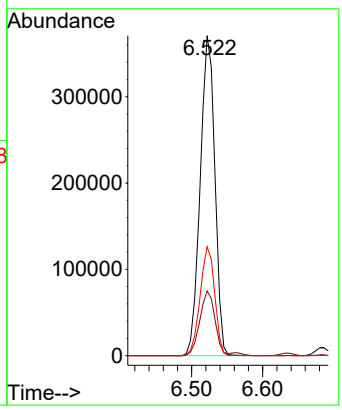


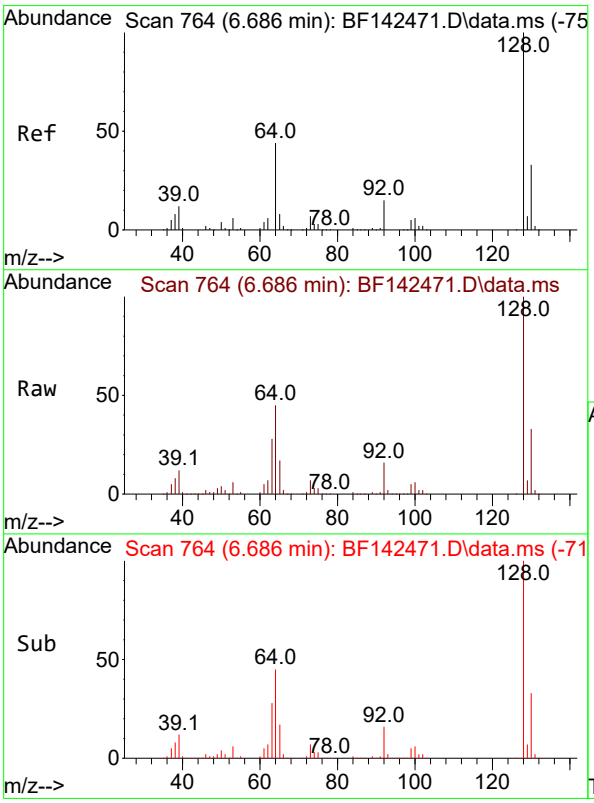
#7
Phenol-d6
Concen: 76.529 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

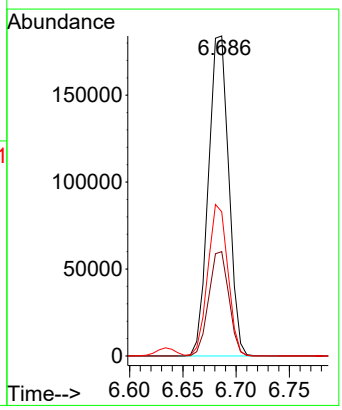


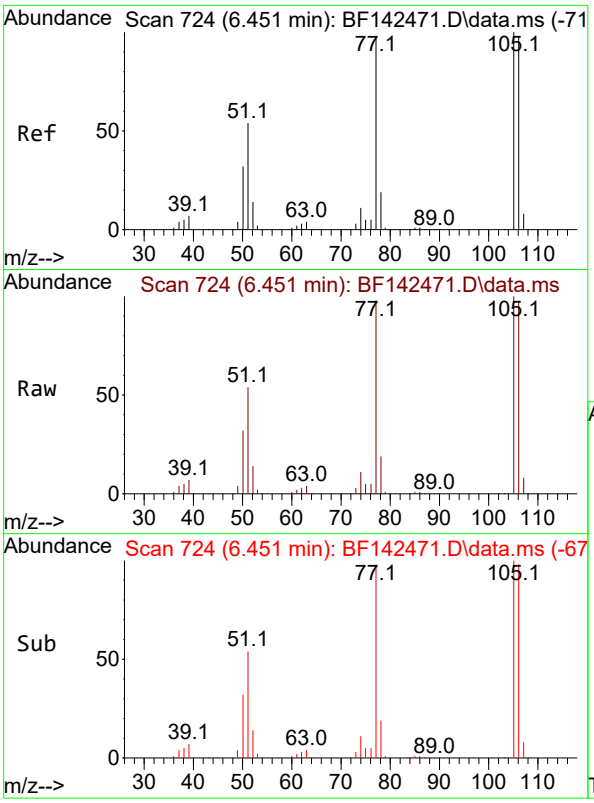


#8
2-Chlorophenol
Concen: 38.720 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



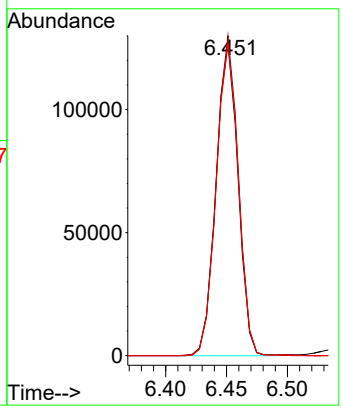


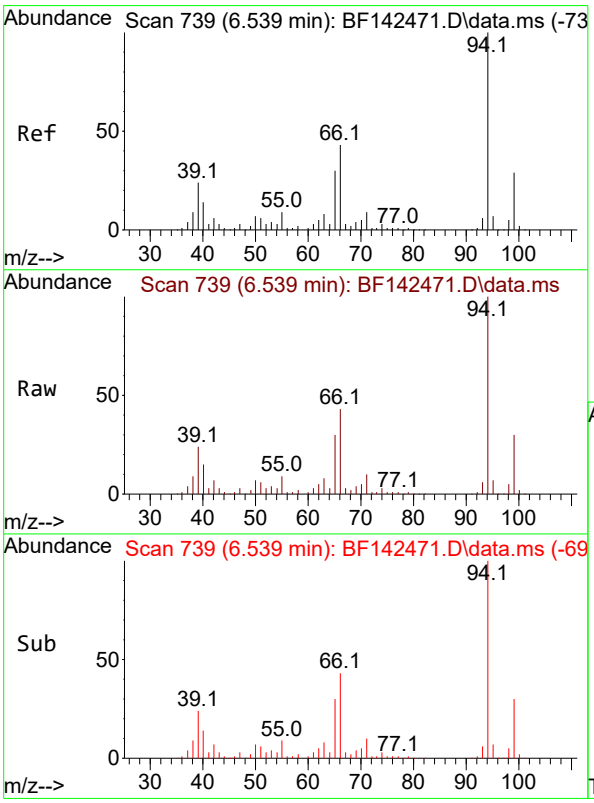
#9
Benzaldehyde
Concen: 38.033 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

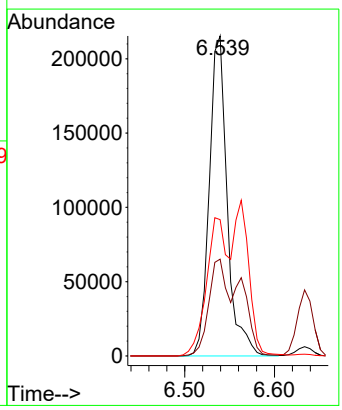


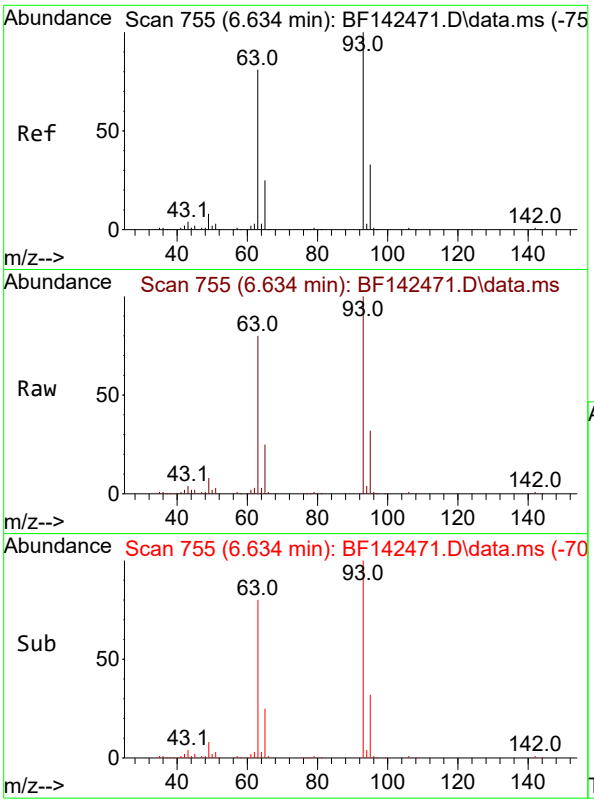


#10
Phenol
Concen: 38.073 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



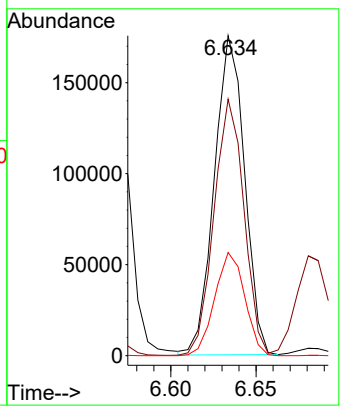


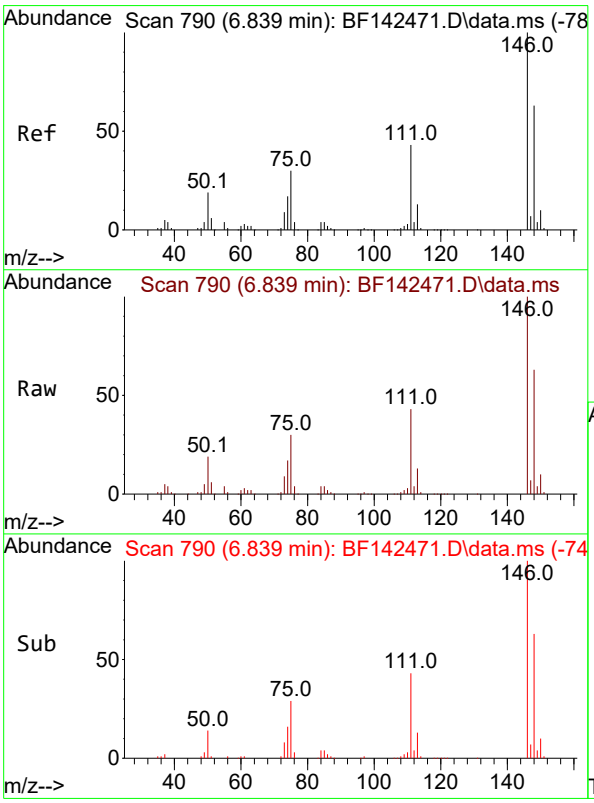
#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

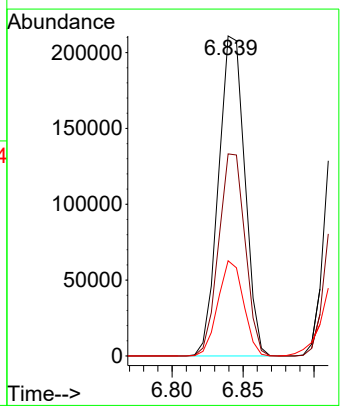


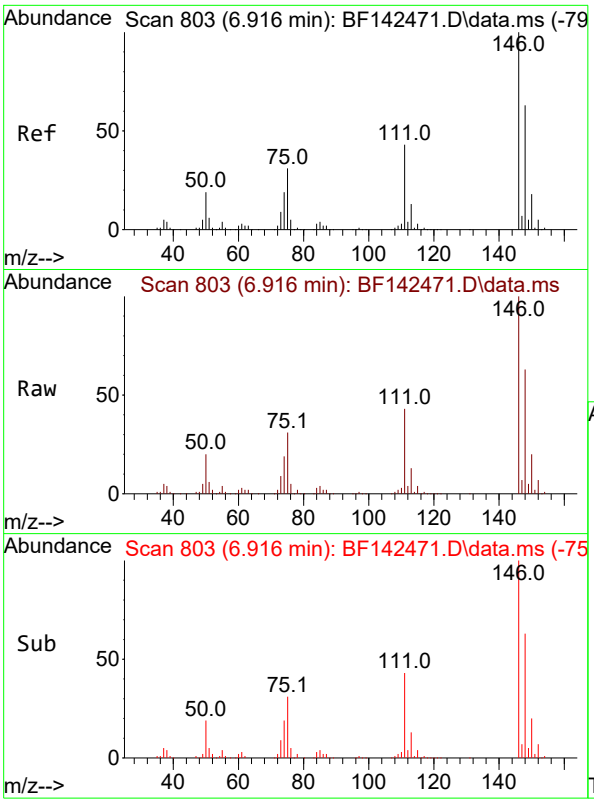


#12
1,3-Dichlorobenzene
Concen: 38.514 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



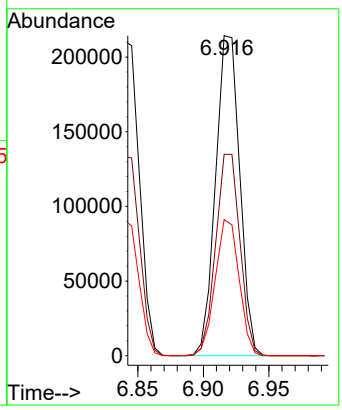


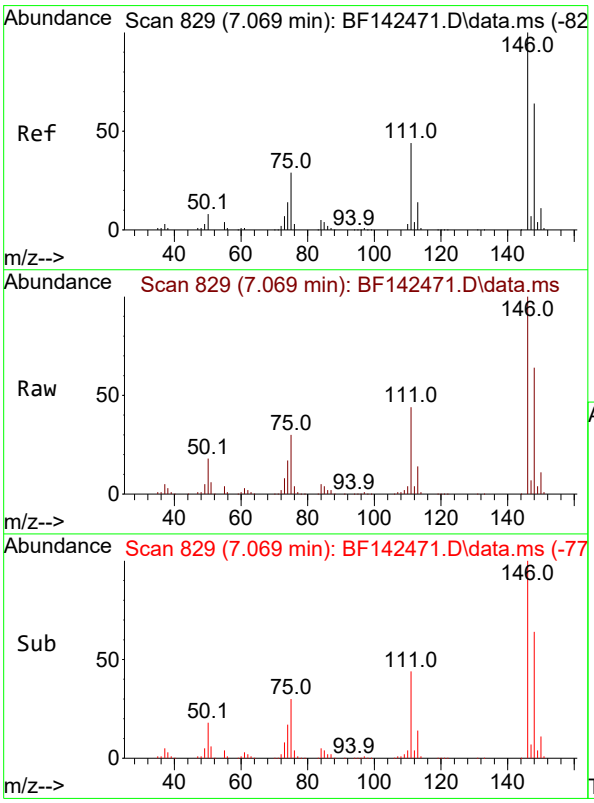
#13
1,4-Dichlorobenzene
Concen: 38.727 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

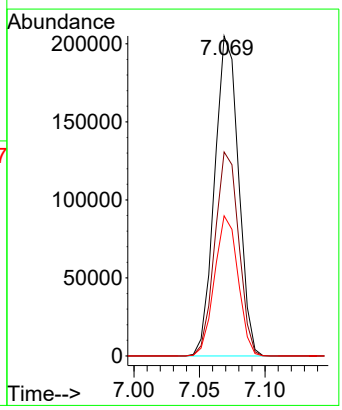


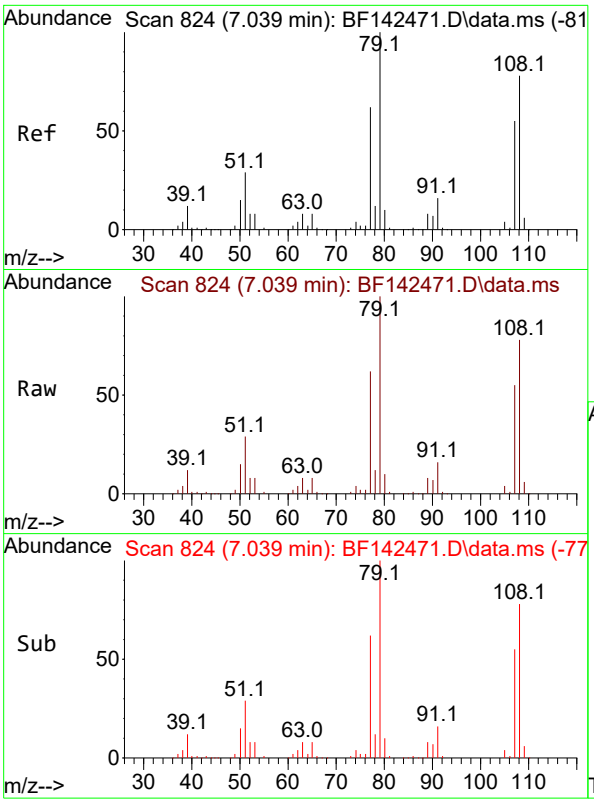


#14
1,2-Dichlorobenzene
Concen: 38.156 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



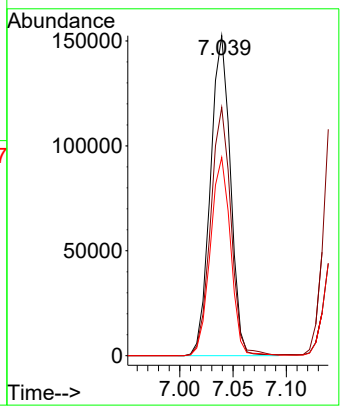


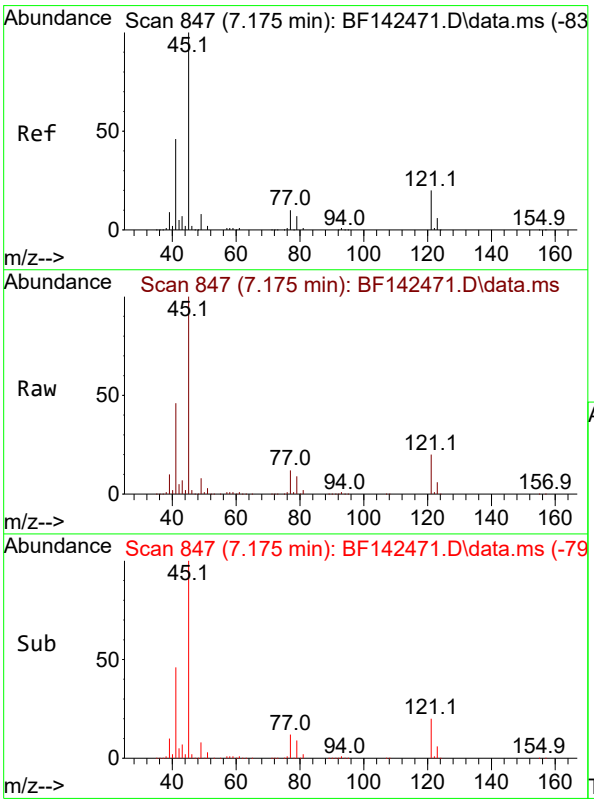
#15
Benzyl Alcohol
Concen: 38.657 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

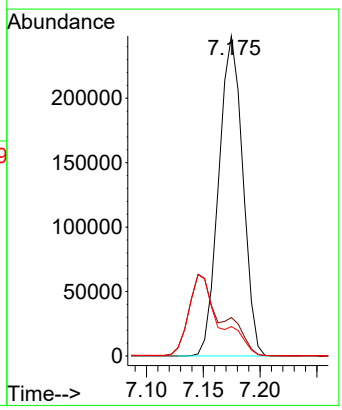


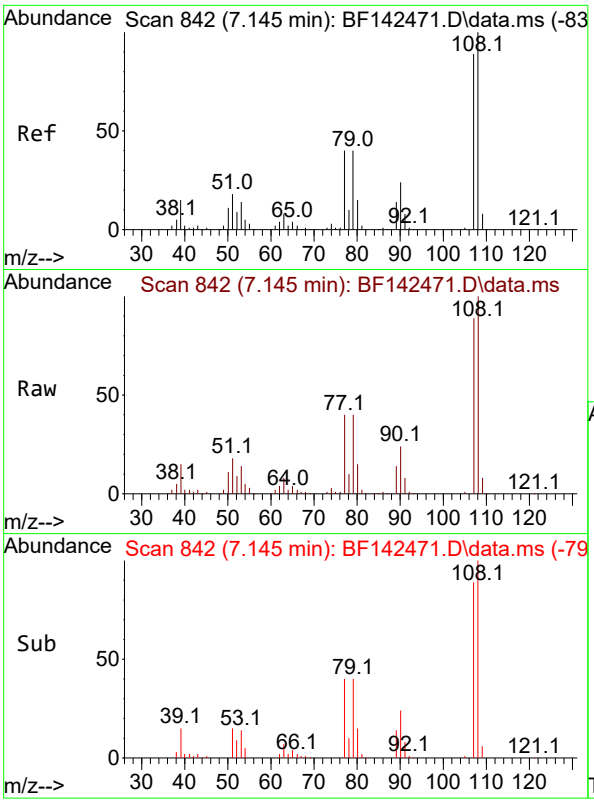


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.439 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



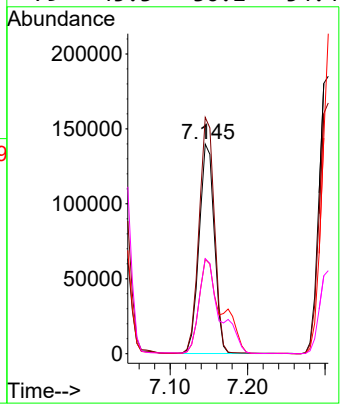


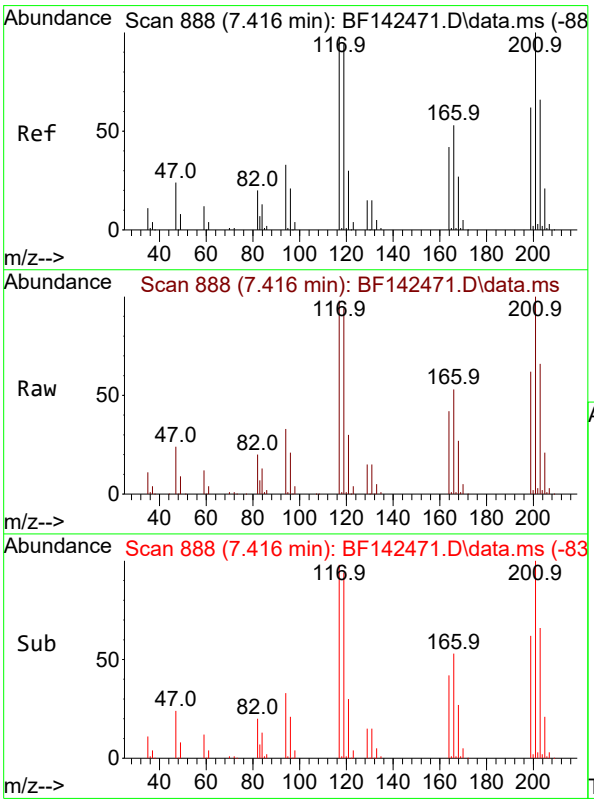
#17
2-Methylphenol
Concen: 38.677 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

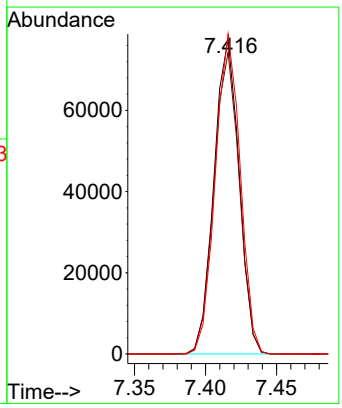


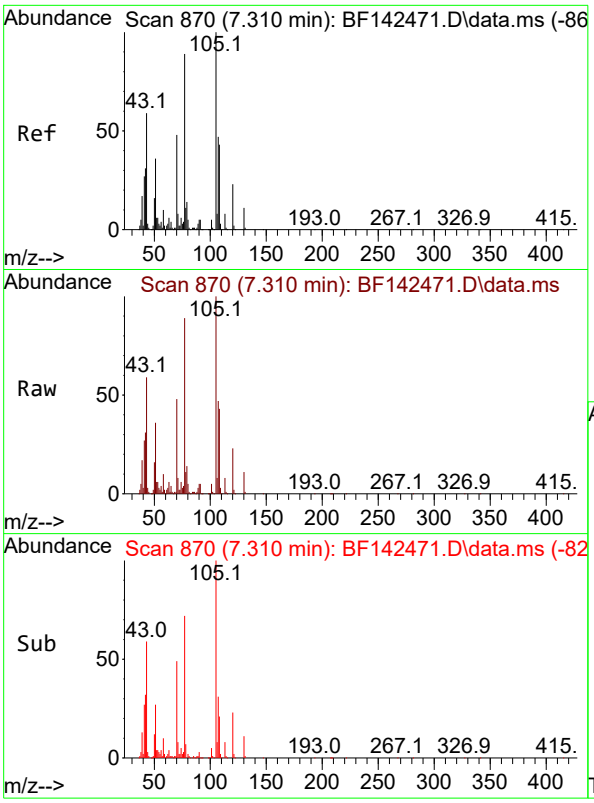


#18
Hexachloroethane
Concen: 38.543 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



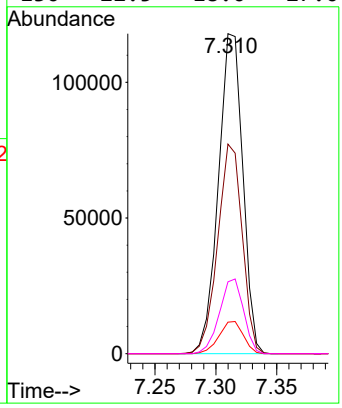


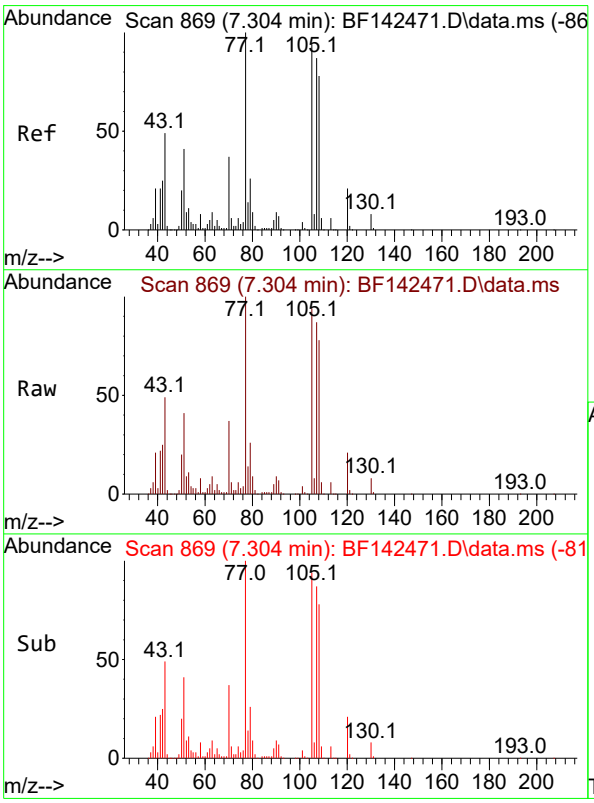
#19
n-Nitroso-di-n-propylamine
Concen: 38.083 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

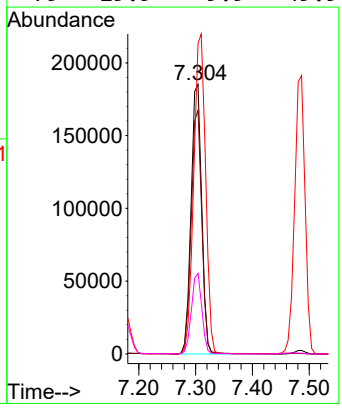


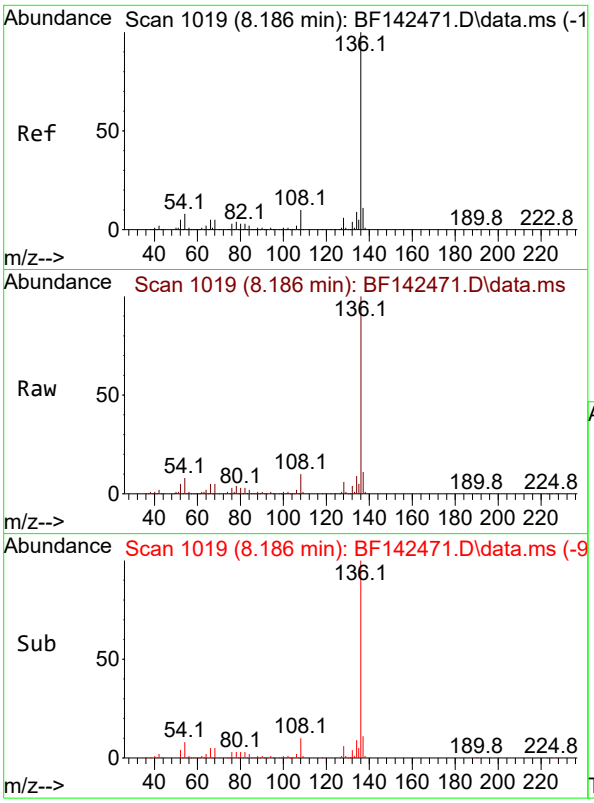


#20
3+4-Methylphenols
Concen: 38.538 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



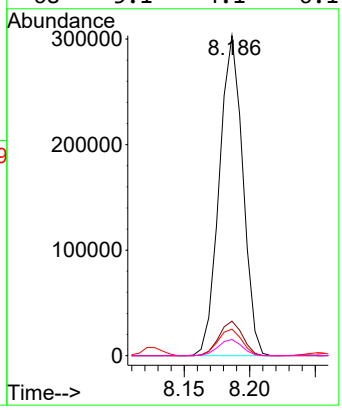


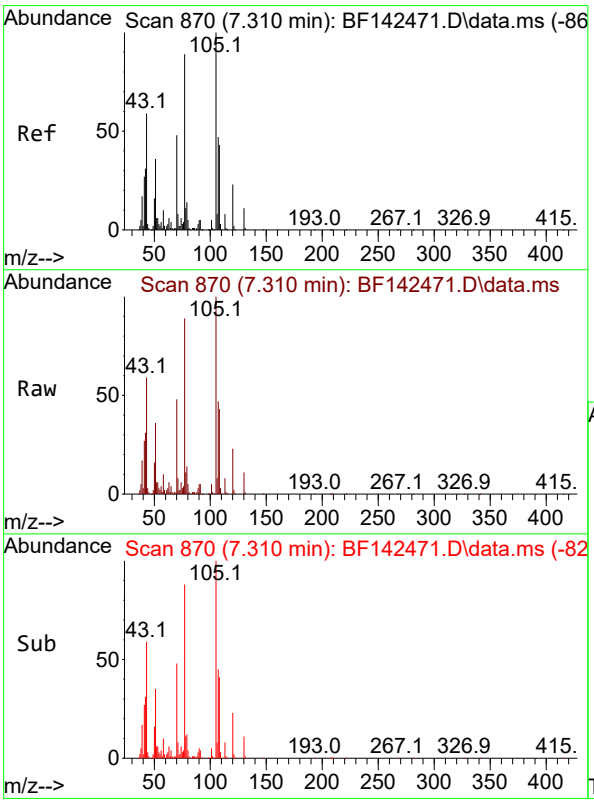
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

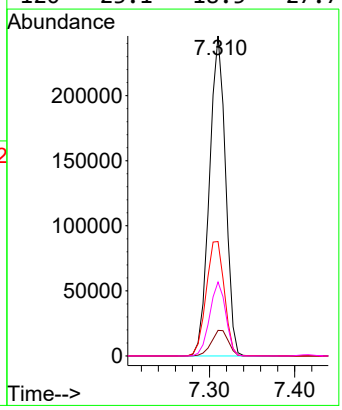


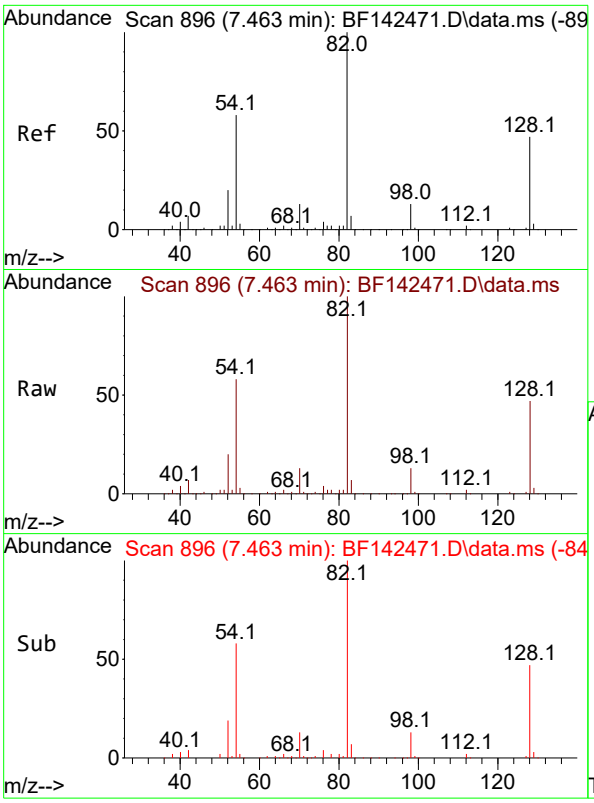


#22
Acetophenone
Concen: 38.740 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



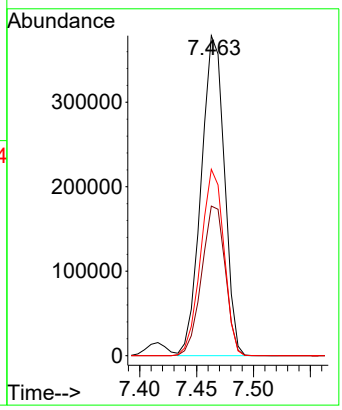


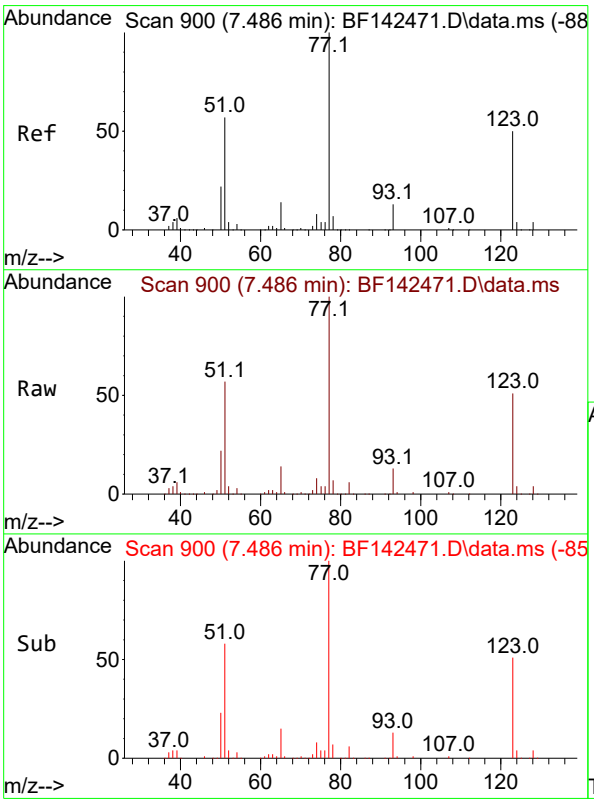
#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

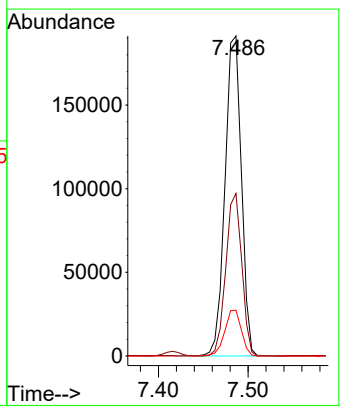


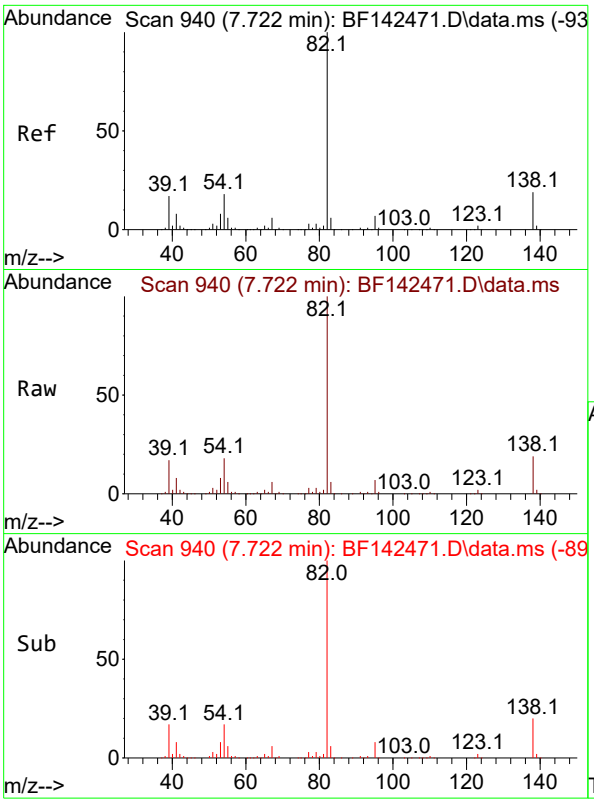


#24
Nitrobenzene
Concen: 38.996 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



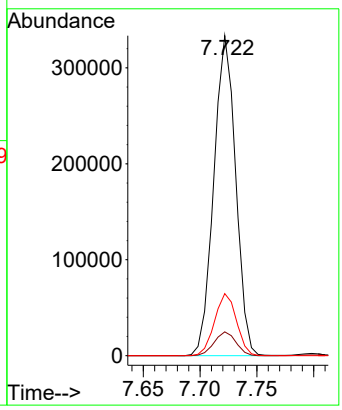


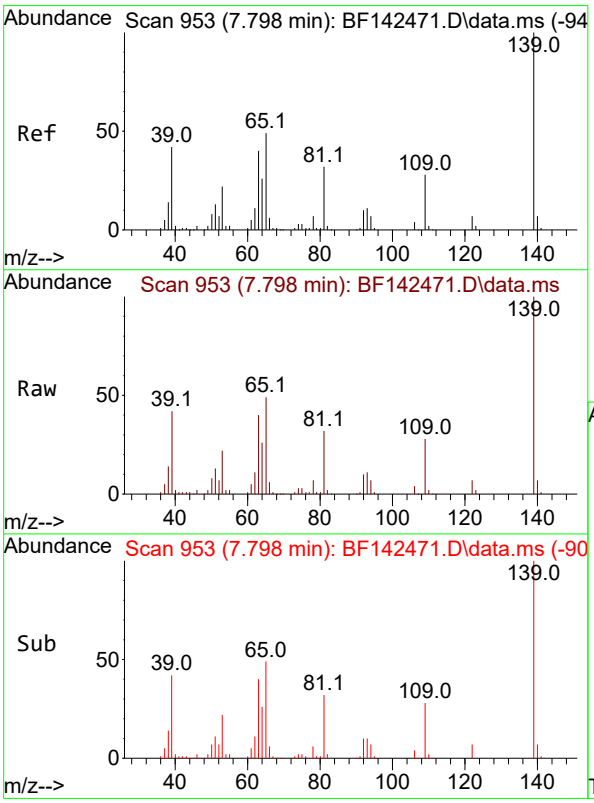
#25
Isophorone
Concen: 38.653 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

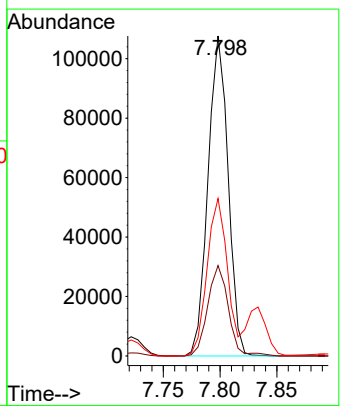


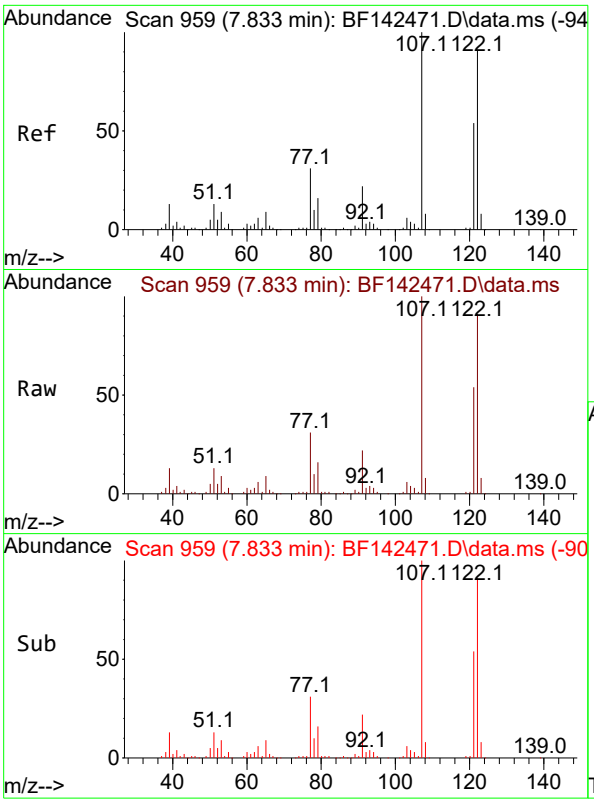


#26
2-Nitrophenol
Concen: 39.646 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



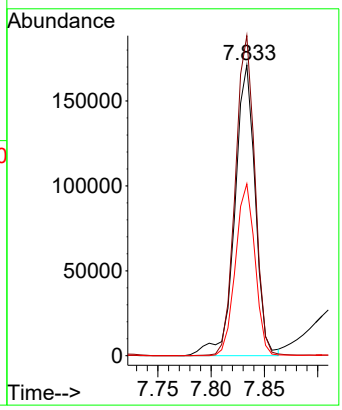


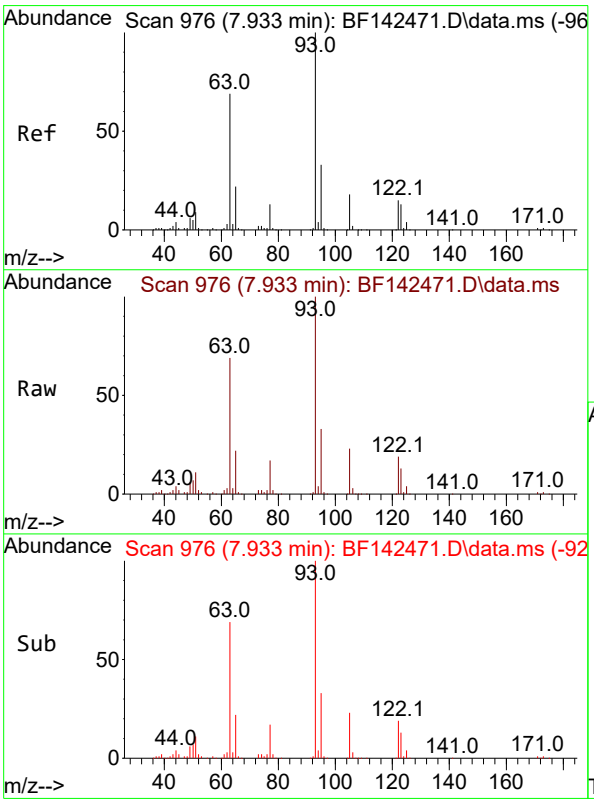
#27
2,4-Dimethylphenol
Concen: 38.858 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

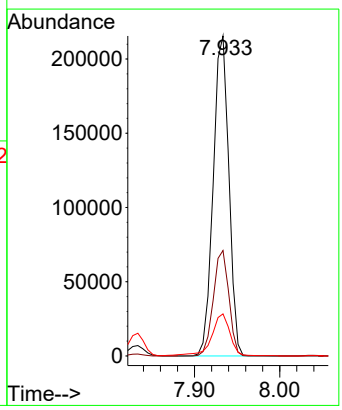


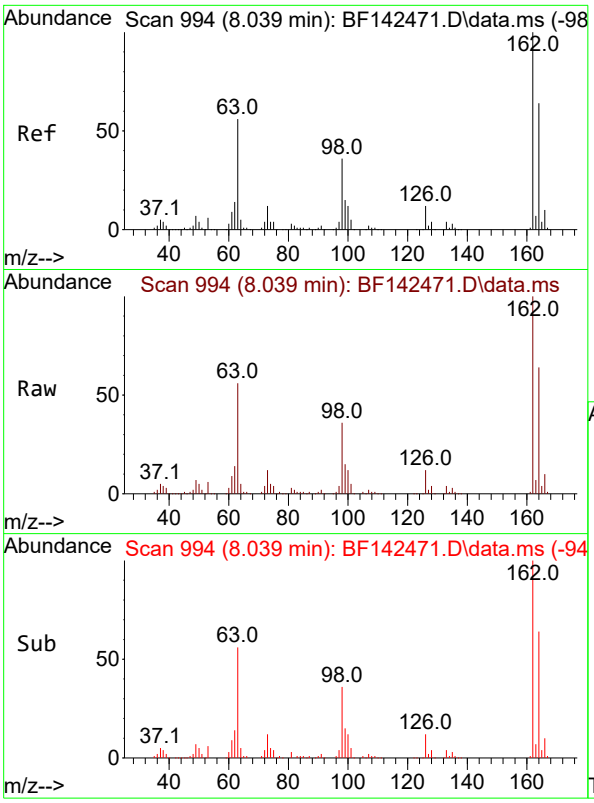


#28
bis(2-Chloroethoxy)methane
Concen: 38.002 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



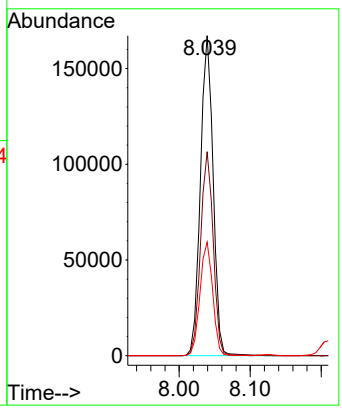


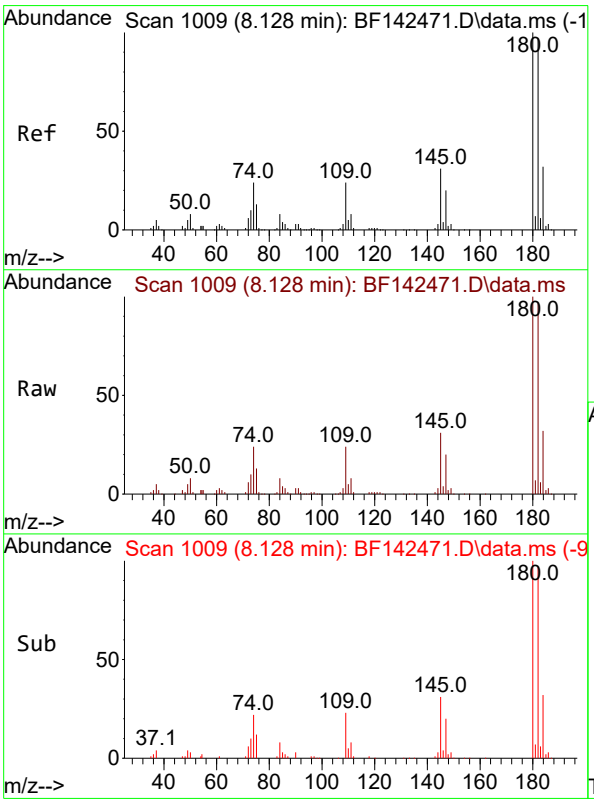
#29
2,4-Dichlorophenol
Concen: 38.963 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

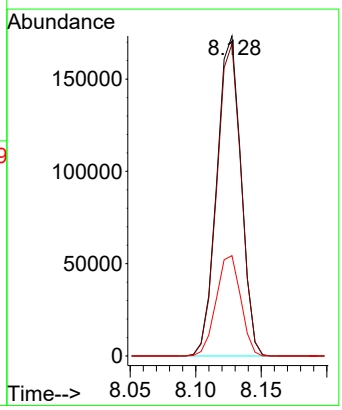


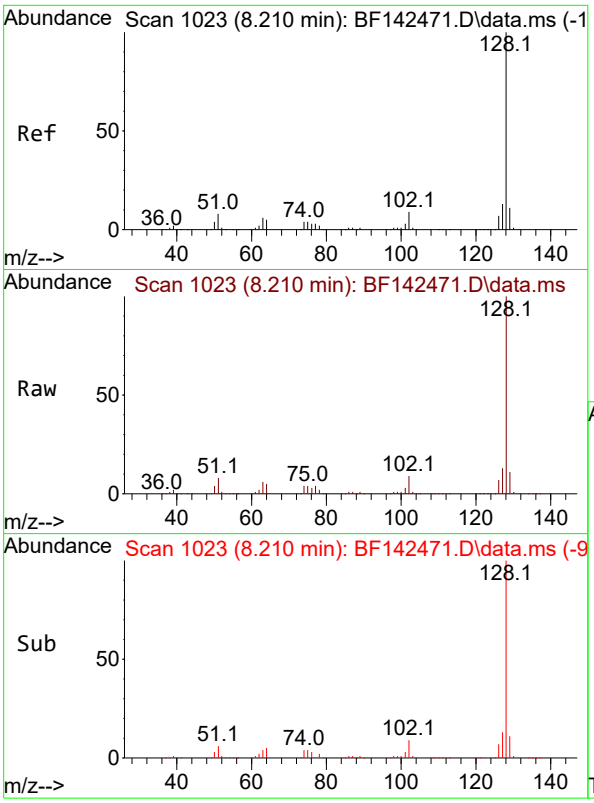


#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



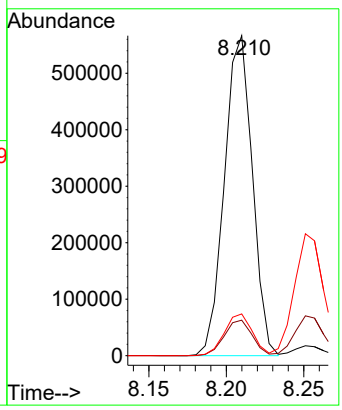


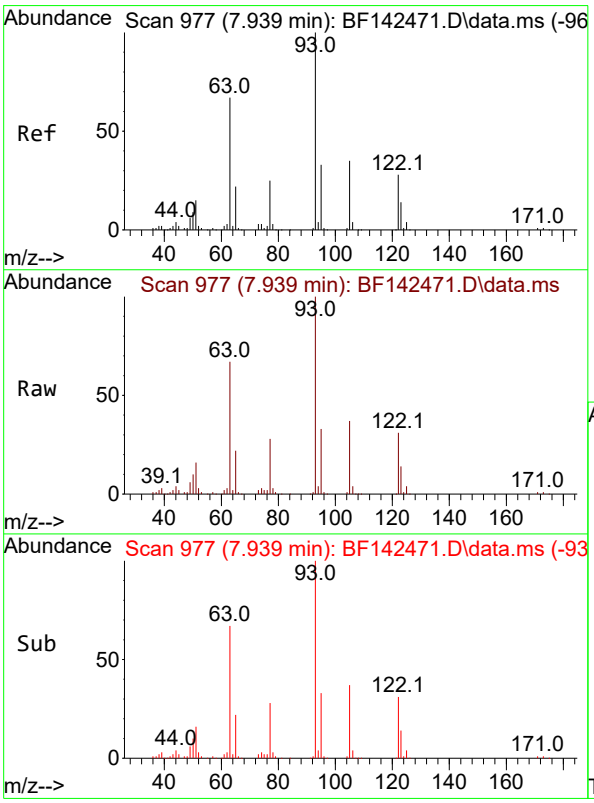
#31
Naphthalene
Concen: 38.223 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

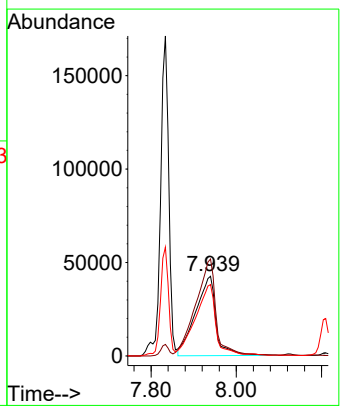


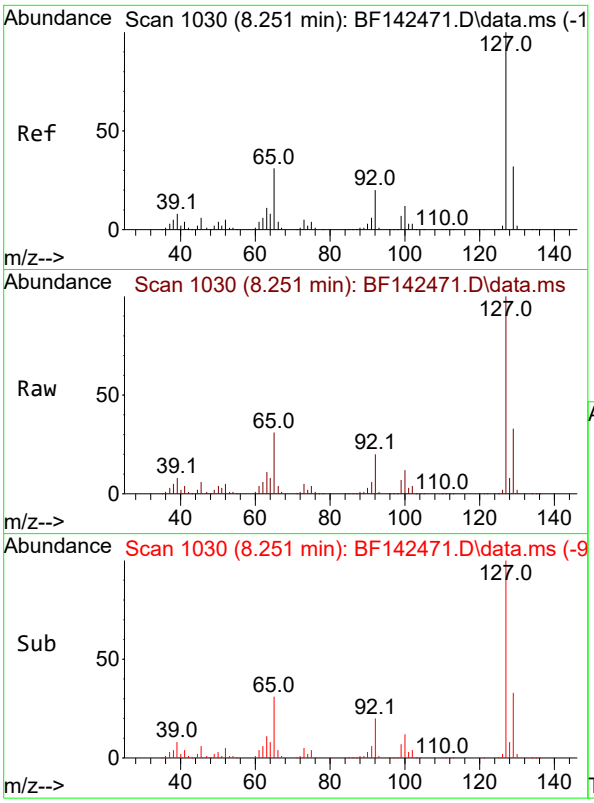


#32
Benzoic acid
Concen: 39.672 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



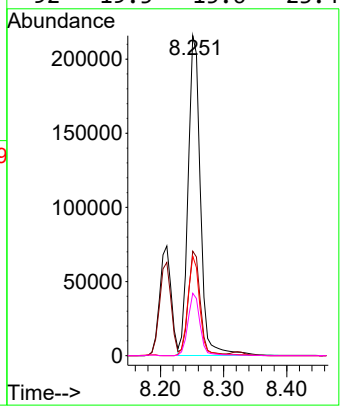


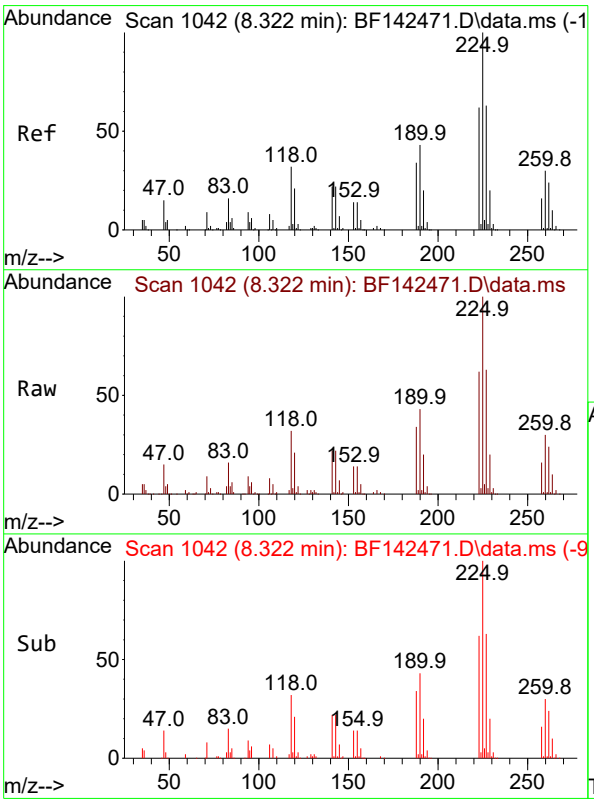
#33
4-Chloroaniline
Concen: 38.957 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

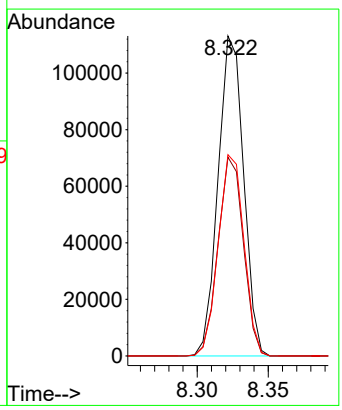


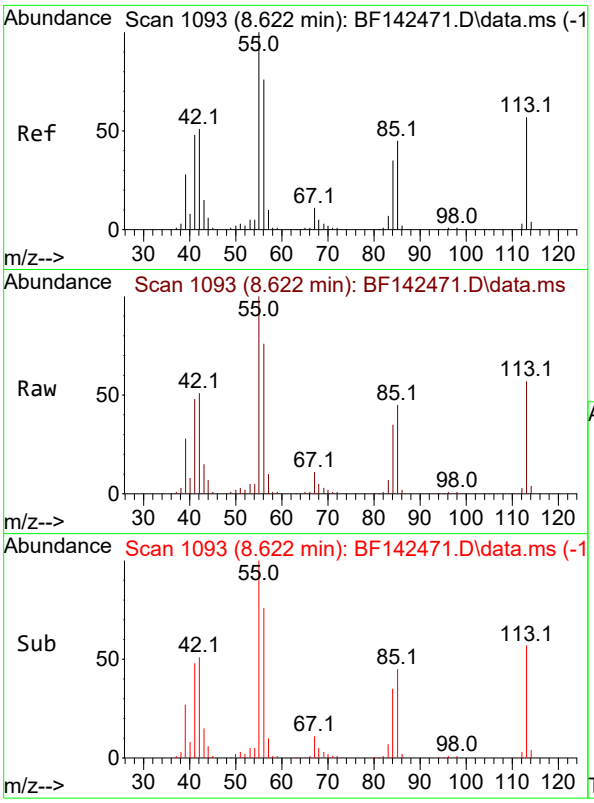


#34
Hexachlorobutadiene
Concen: 38.949 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



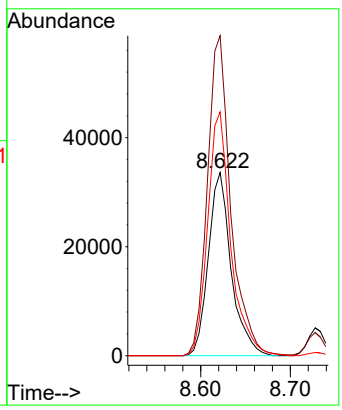


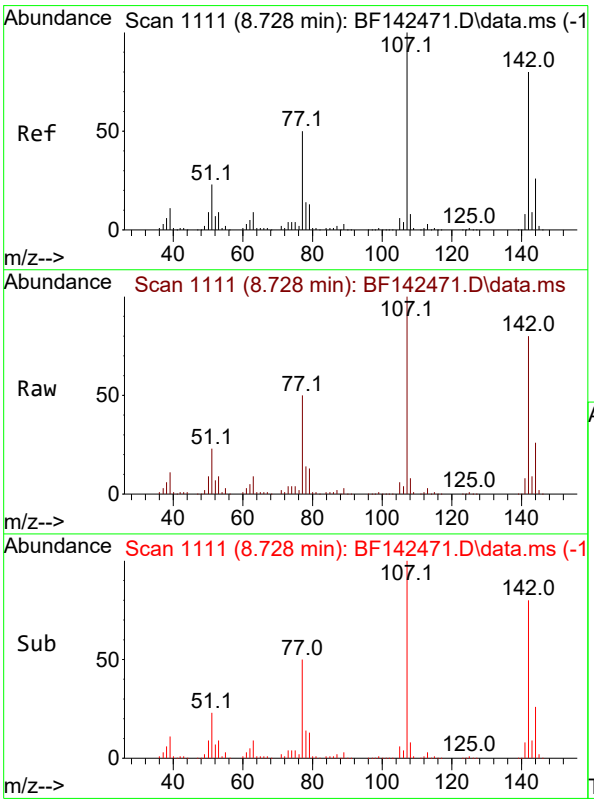
#35
Caprolactam
Concen: 39.473 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

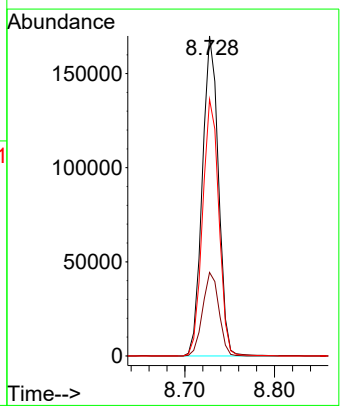


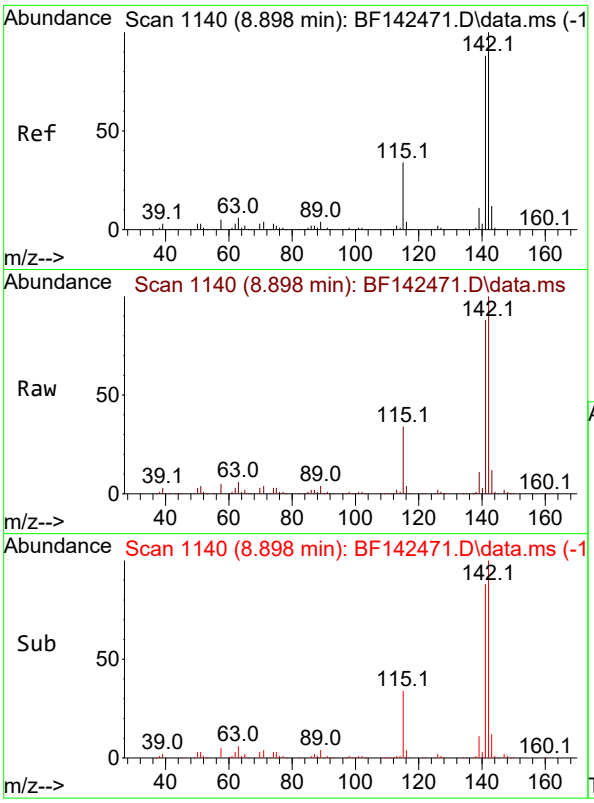


#36
4-Chloro-3-methylphenol
Concen: 38.800 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



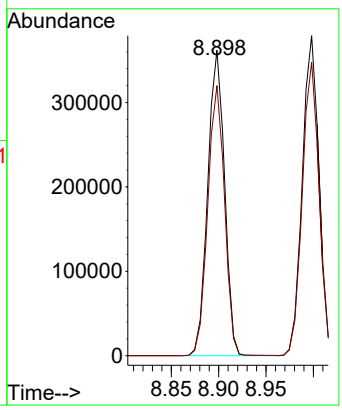


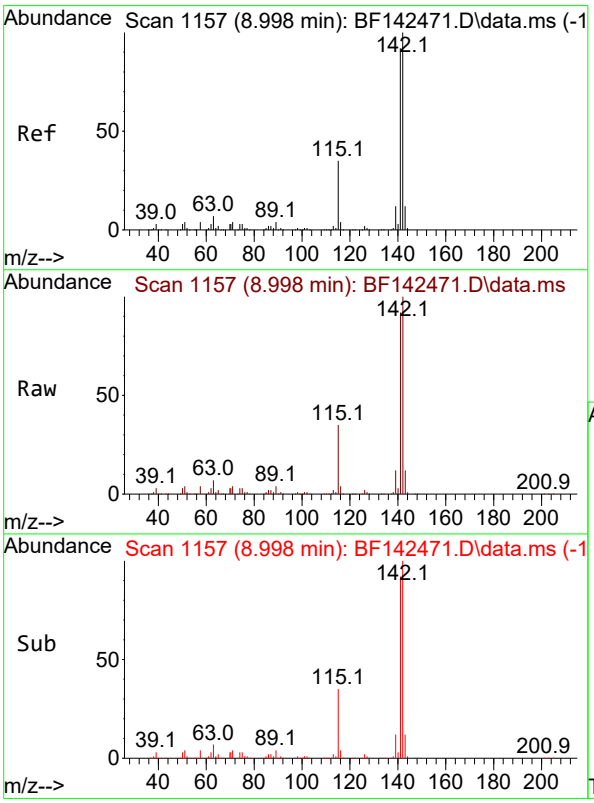
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 445368

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1

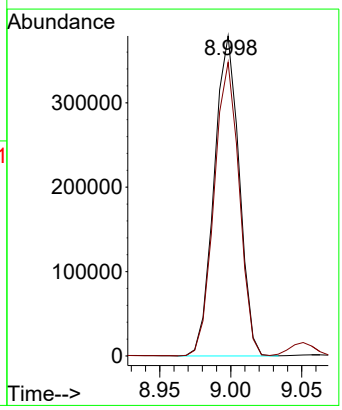


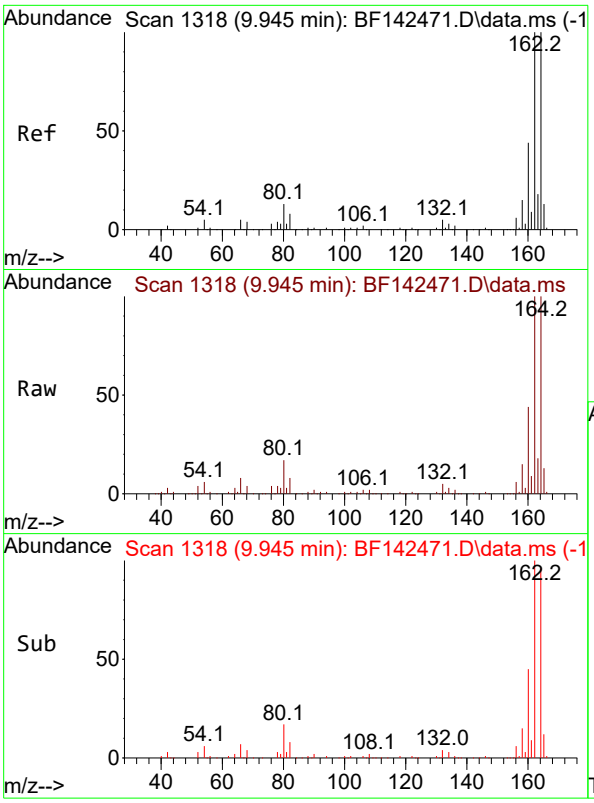


#38
1-Methylnaphthalene
Concen: 38.397 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:142 Resp: 464365

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2



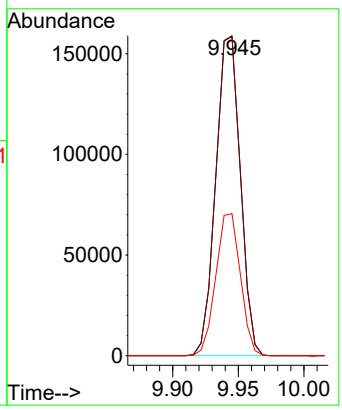


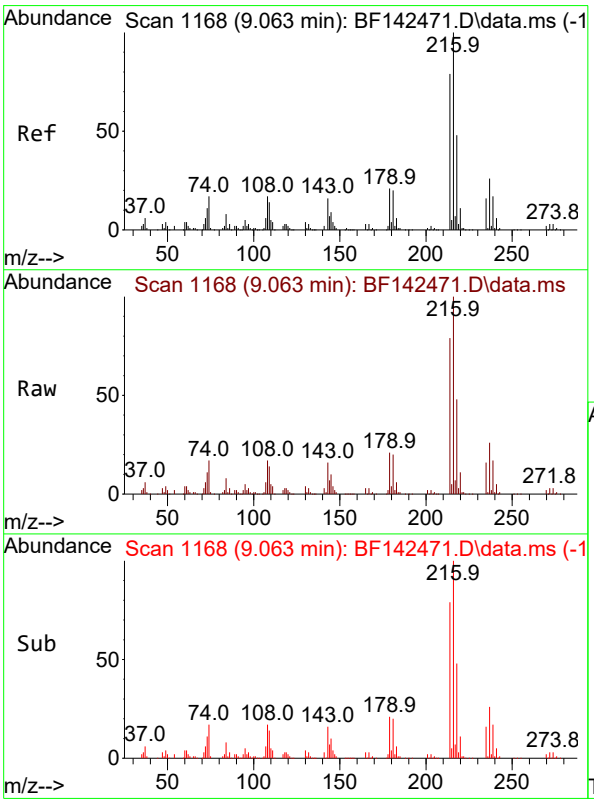
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

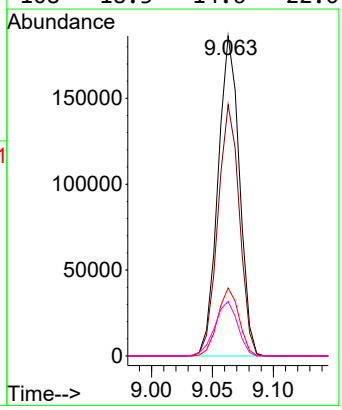


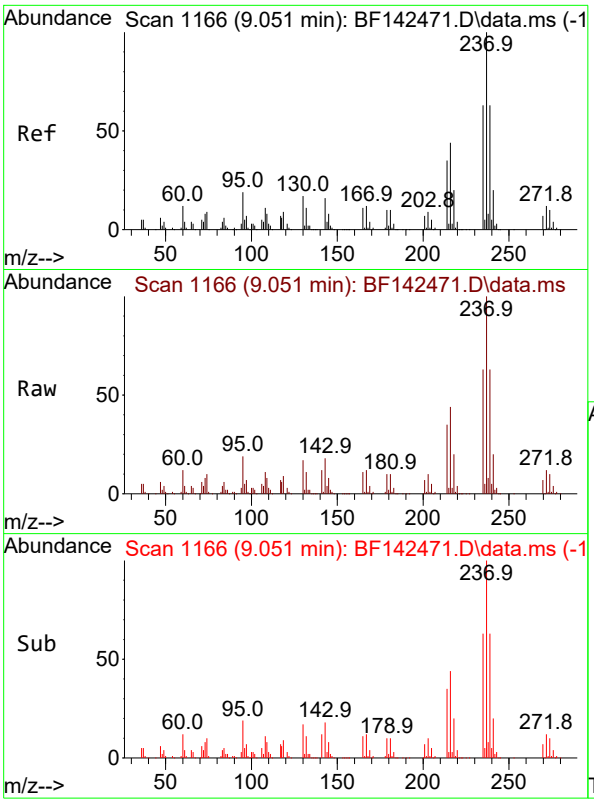


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.439 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



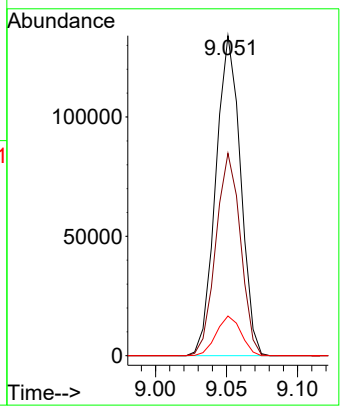


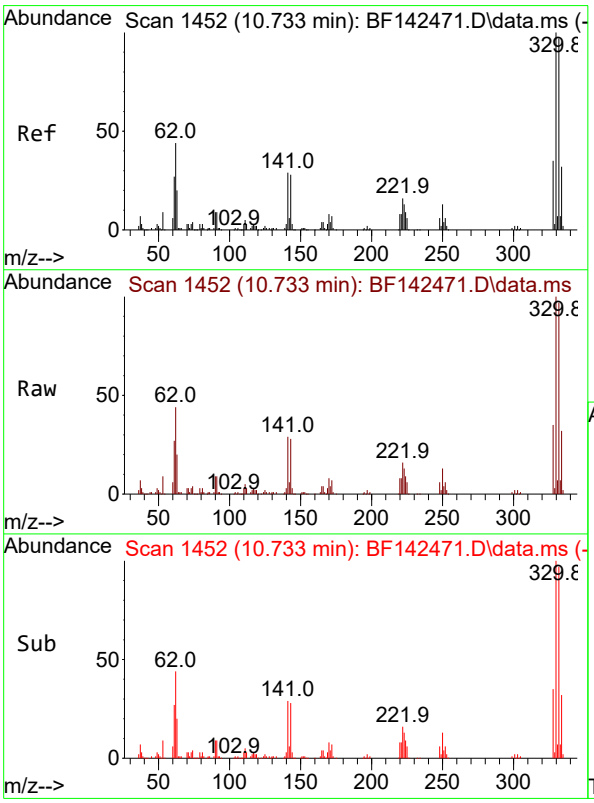
#41
Hexachlorocyclopentadiene
Concen: 40.622 ng
RT: 9.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

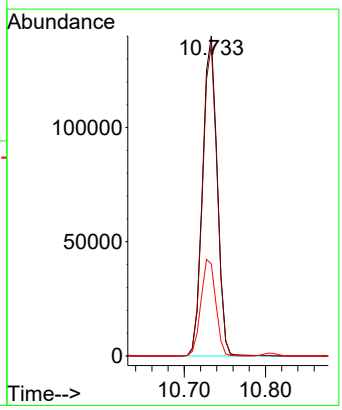


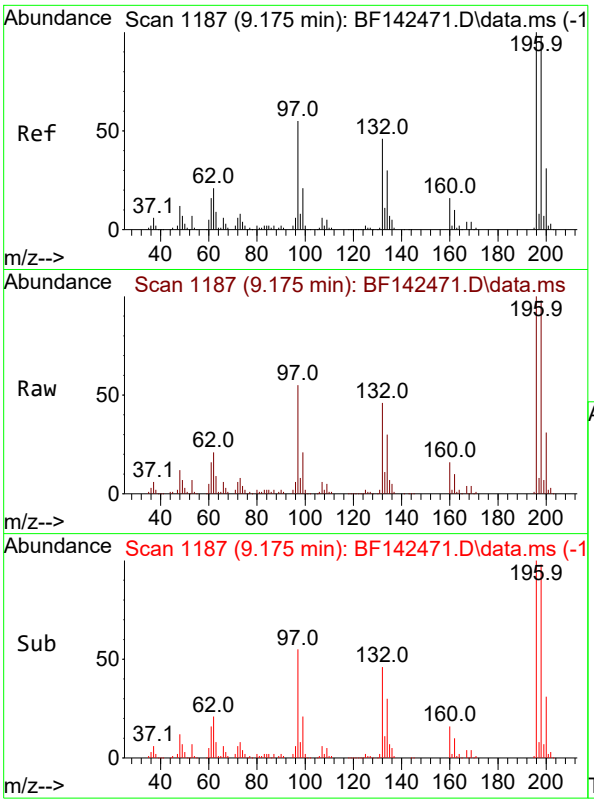


#42
2,4,6-Tribromophenol
Concen: 76.189 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



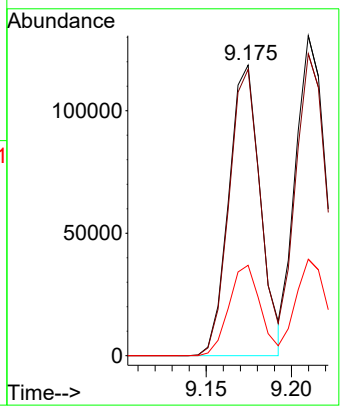


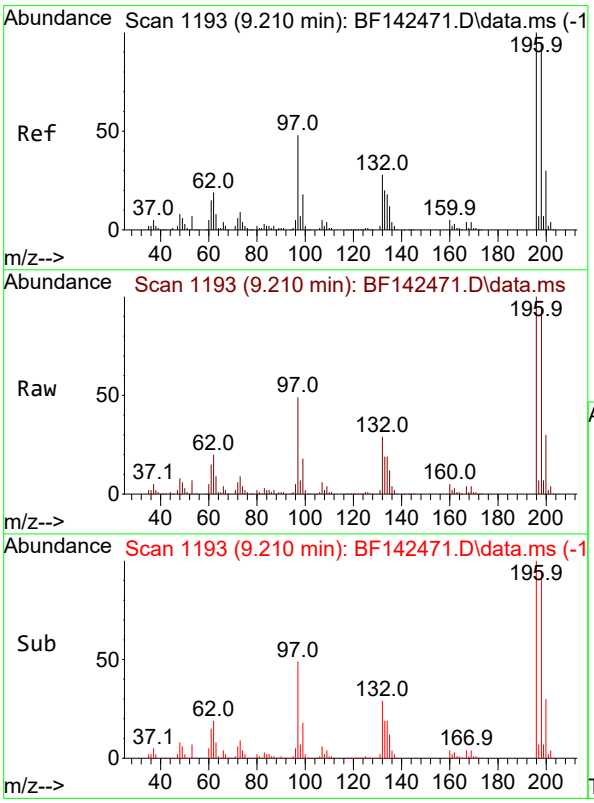
#43
2,4,6-Trichlorophenol
Concen: 38.383 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

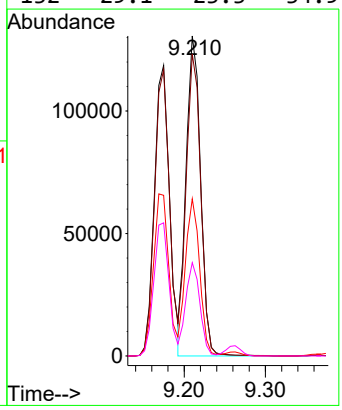


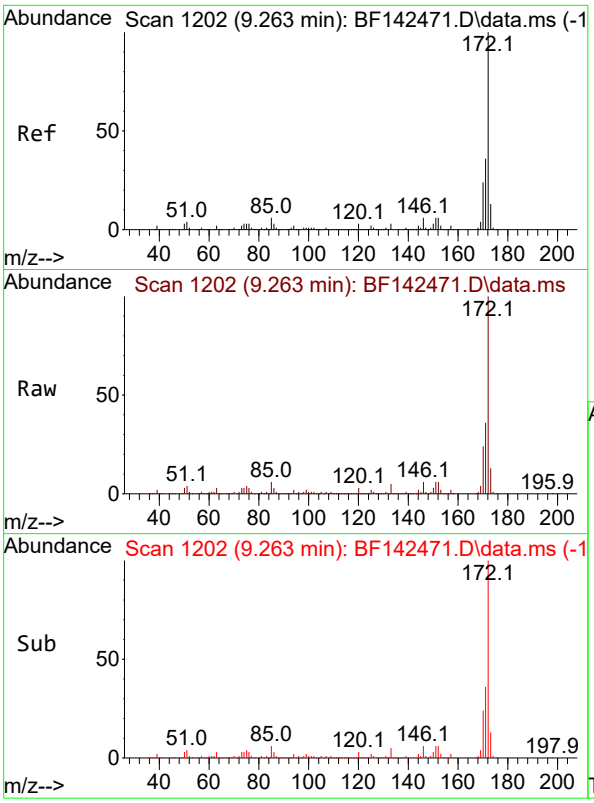


#44
2,4,5-Trichlorophenol
Concen: 38.667 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



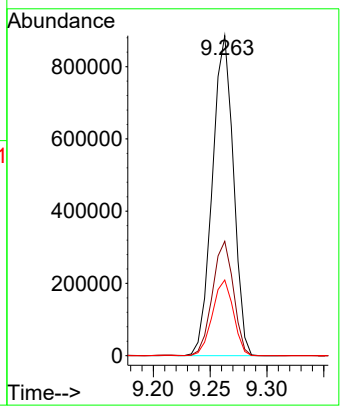


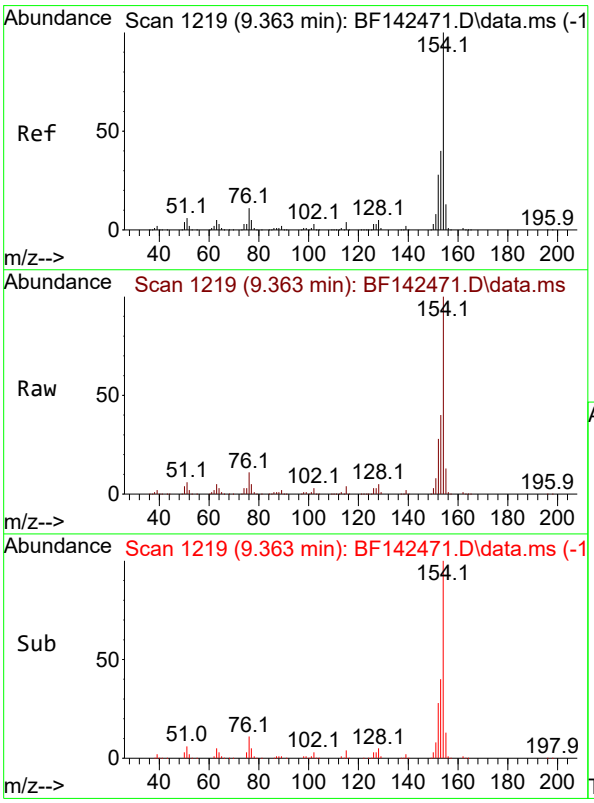
#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

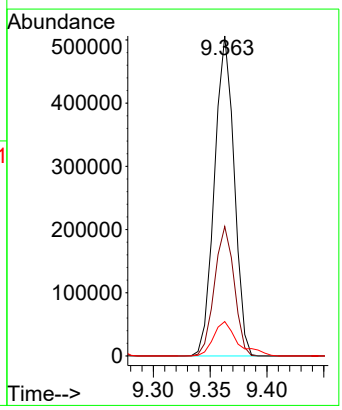


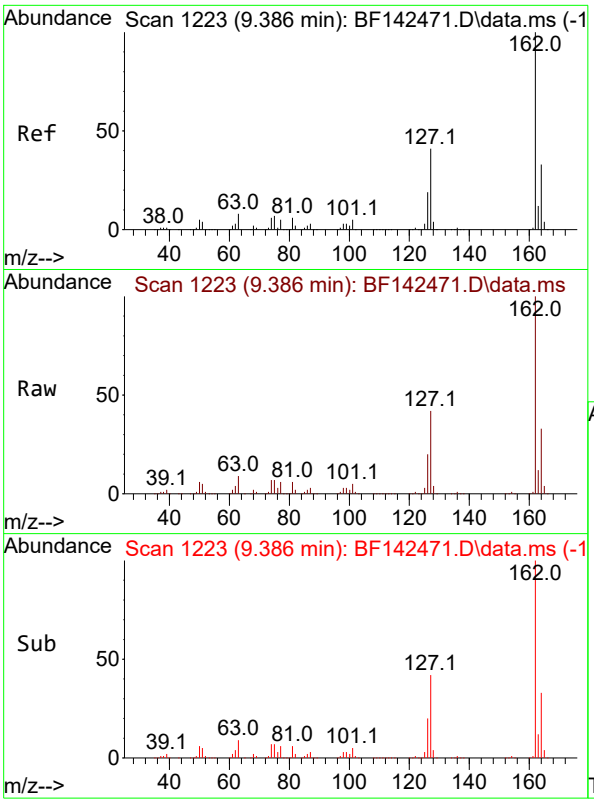


#46
1,1'-Biphenyl
Concen: 38.146 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



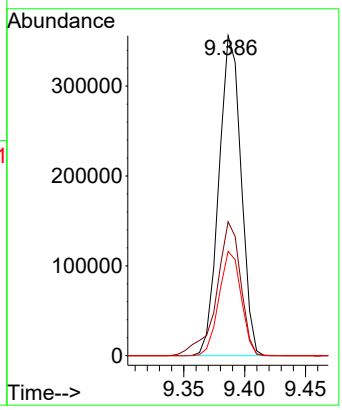


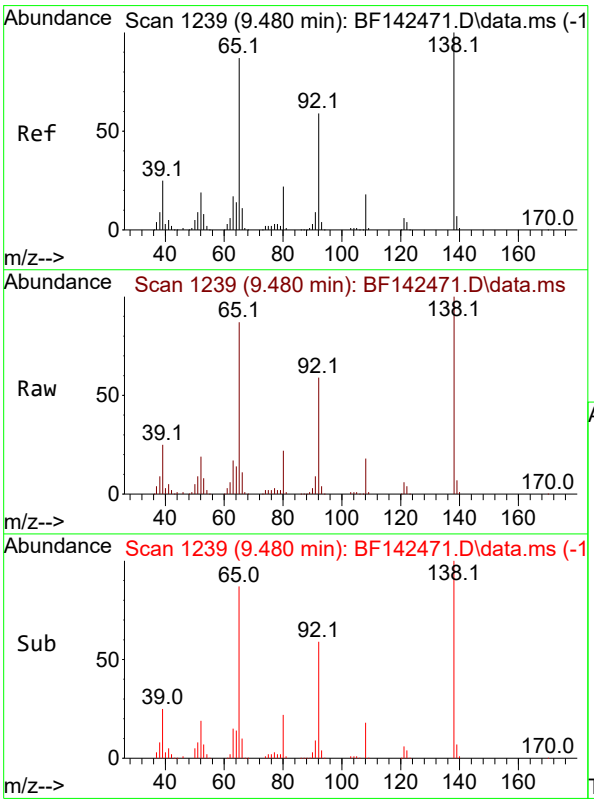
#47
2-Chloronaphthalene
Concen: 38.185 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

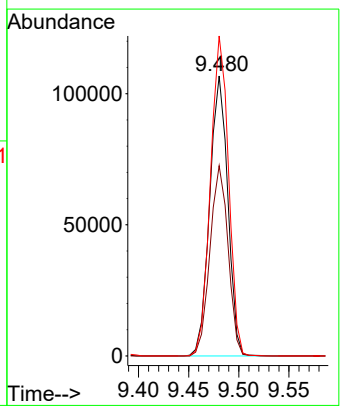


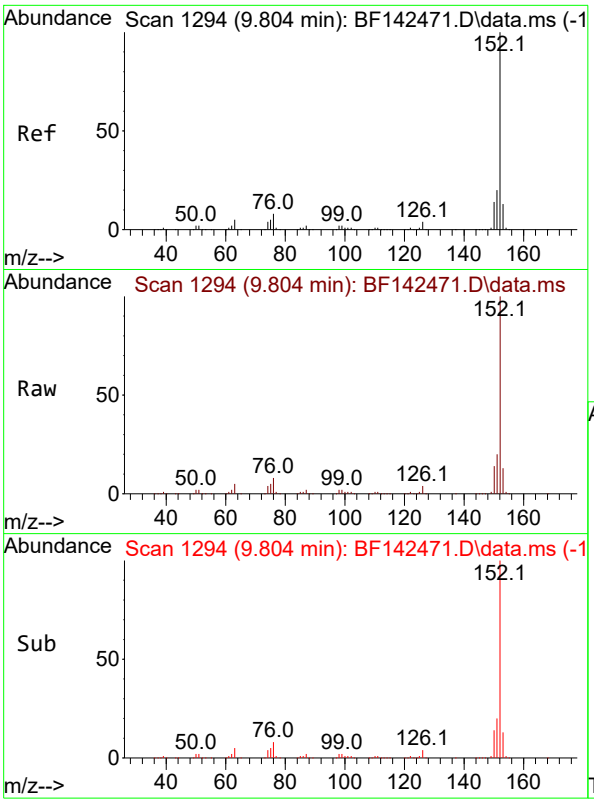


#48
2-Nitroaniline
Concen: 39.102 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



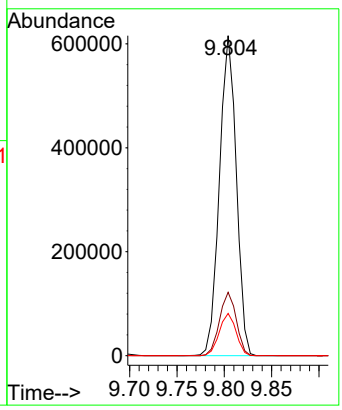


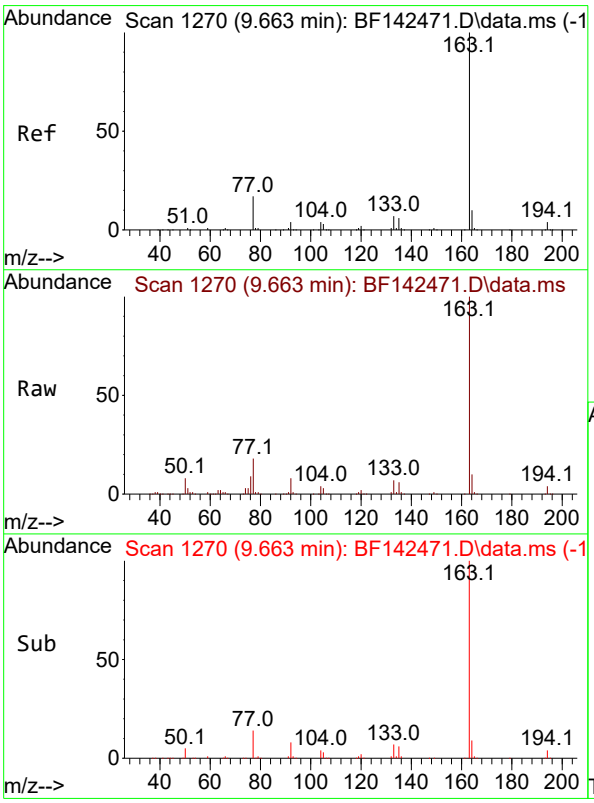
#49
Acenaphthylene
Concen: 38.240 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

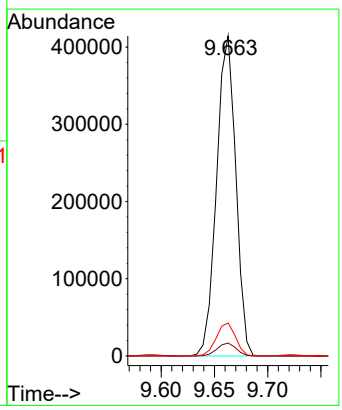


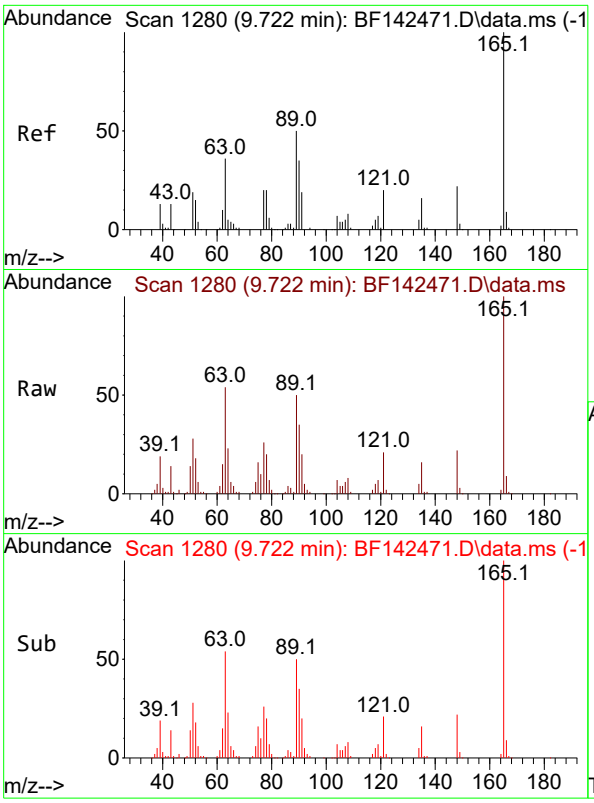


#50
Dimethylphthalate
Concen: 38.051 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



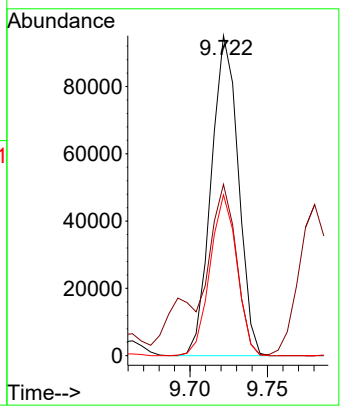


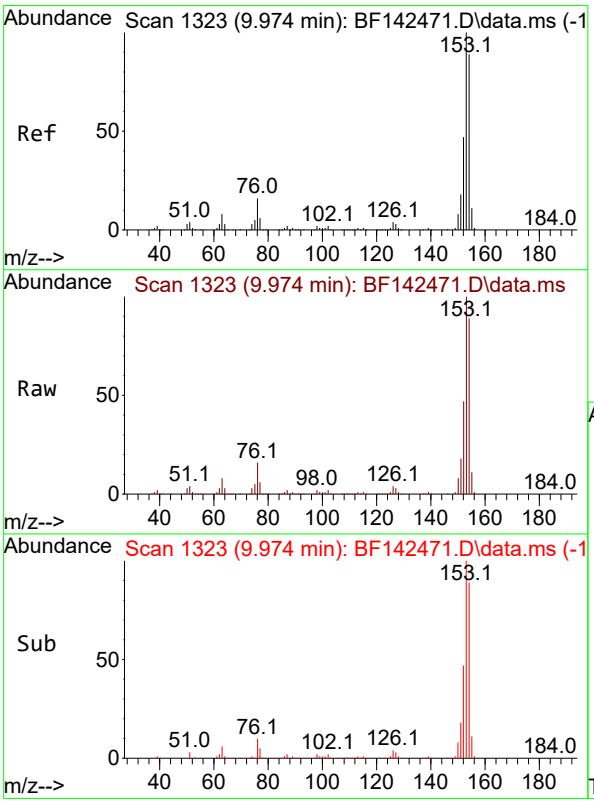
#51
2,6-Dinitrotoluene
Concen: 39.370 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

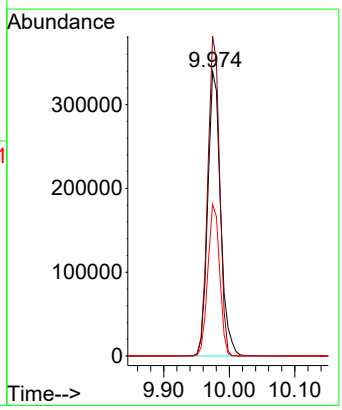


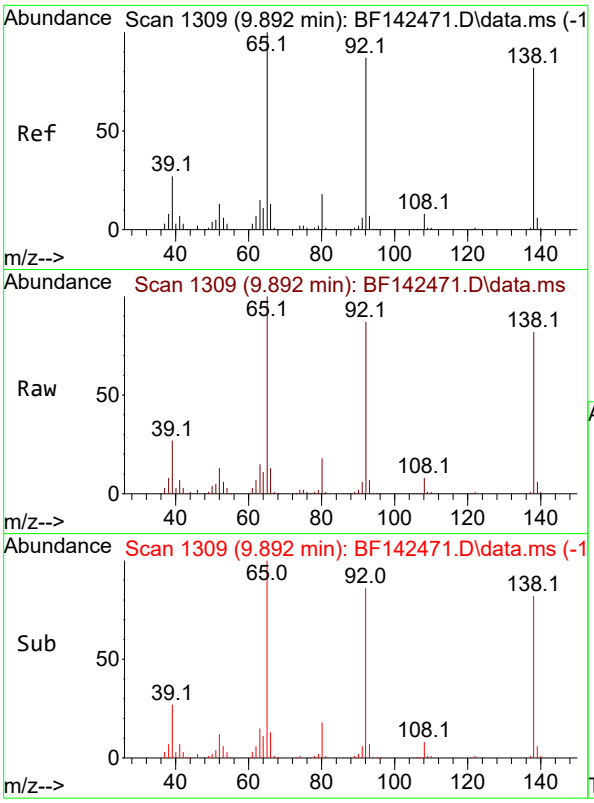


#52
Acenaphthene
Concen: 37.904 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



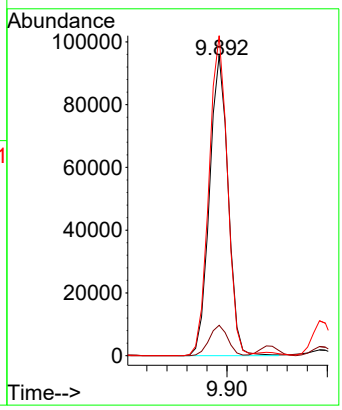


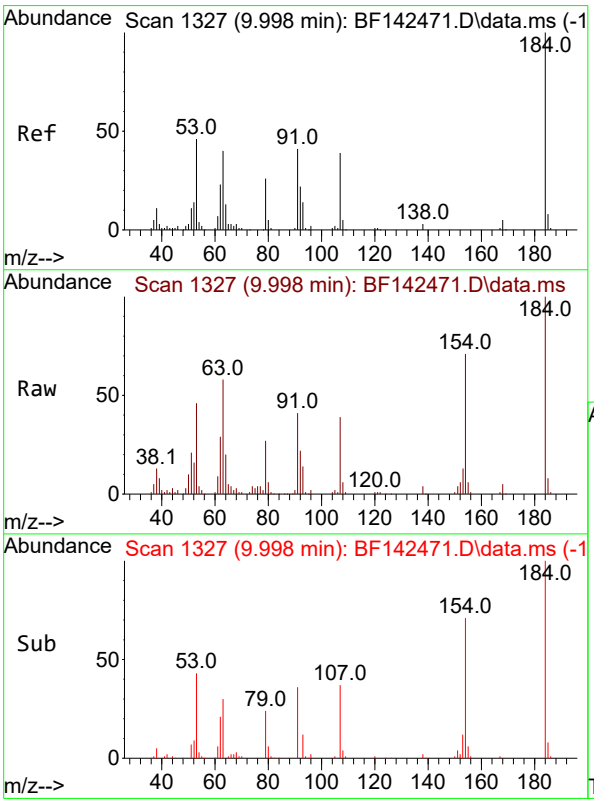
#53
3-Nitroaniline
Concen: 38.413 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

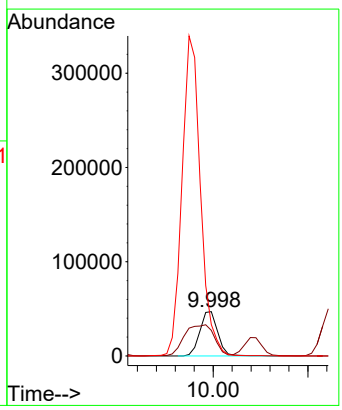


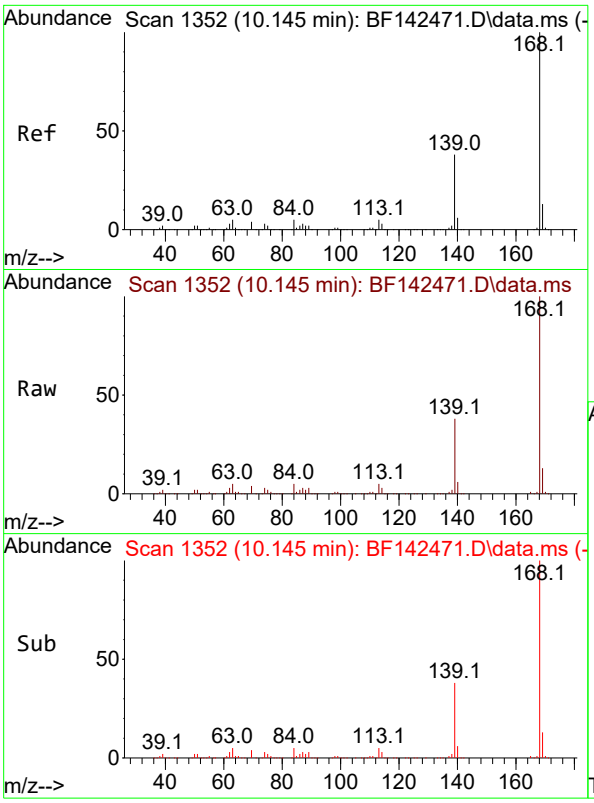


#54
2,4-Dinitrophenol
Concen: 40.477 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



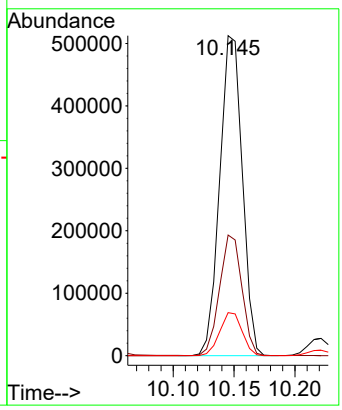


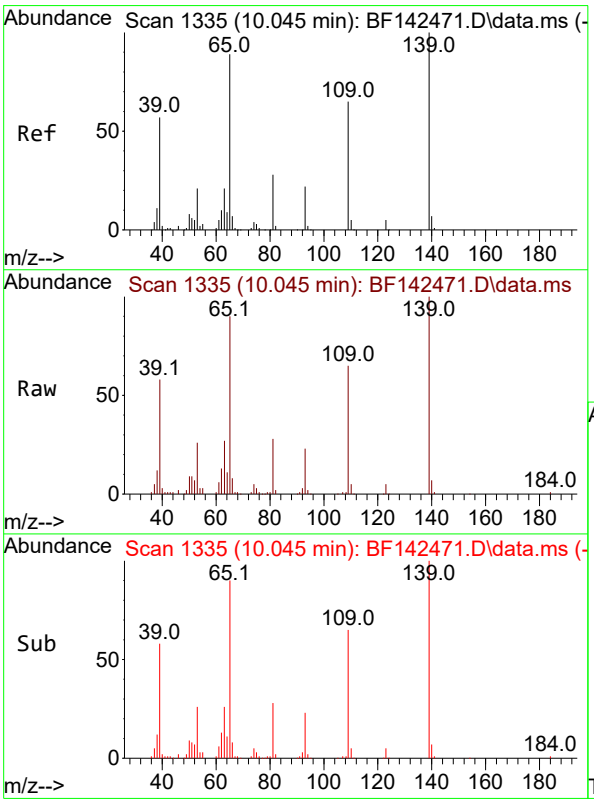
#55
Dibenzofuran
Concen: 37.758 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

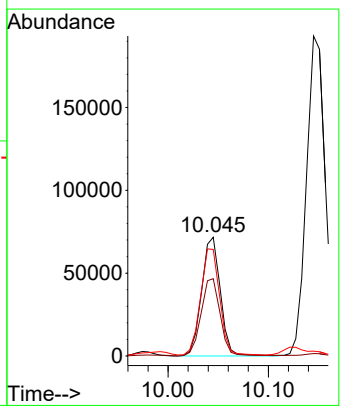


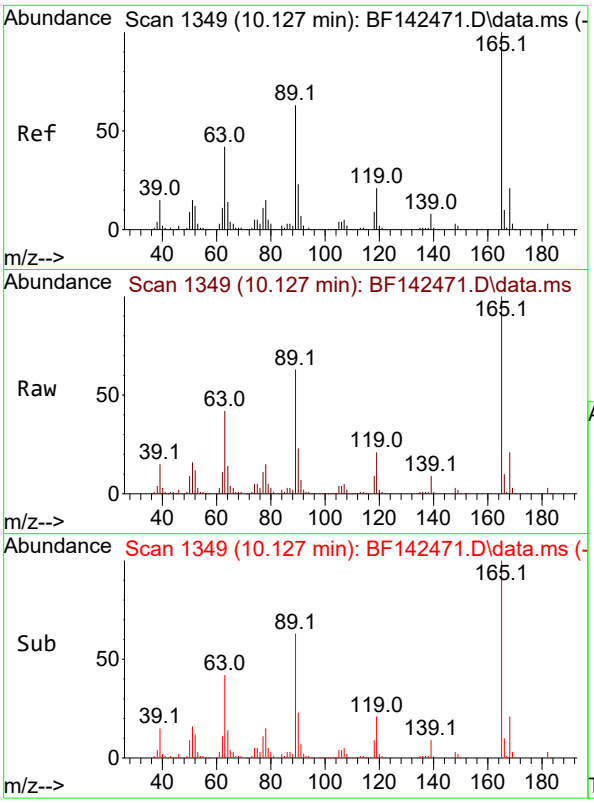


#56
4-Nitrophenol
Concen: 39.526 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



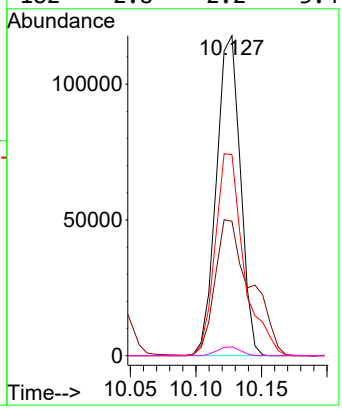


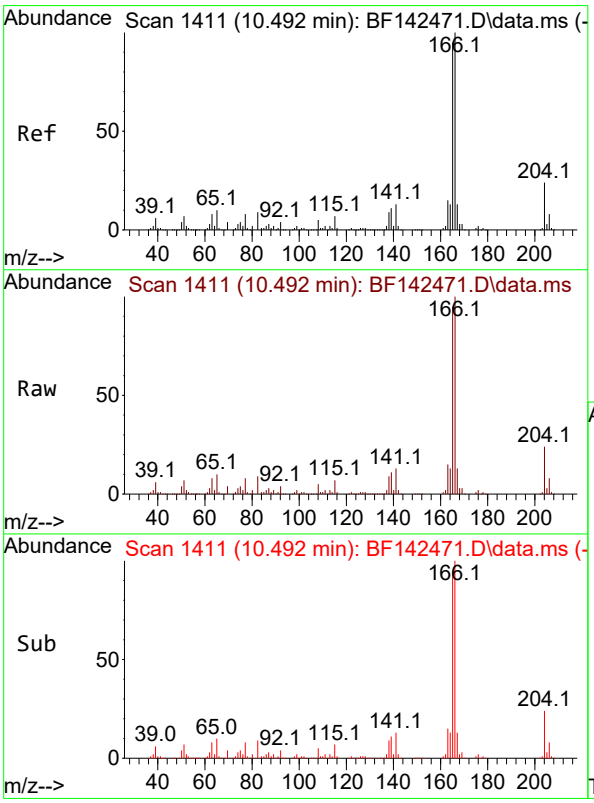
#57
2,4-Dinitrotoluene
Concen: 39.095 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

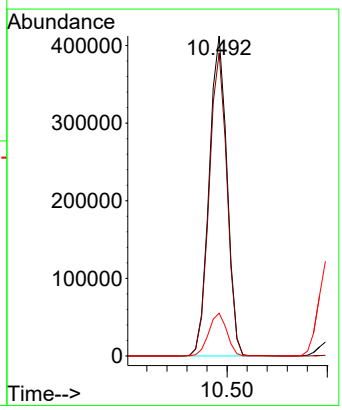


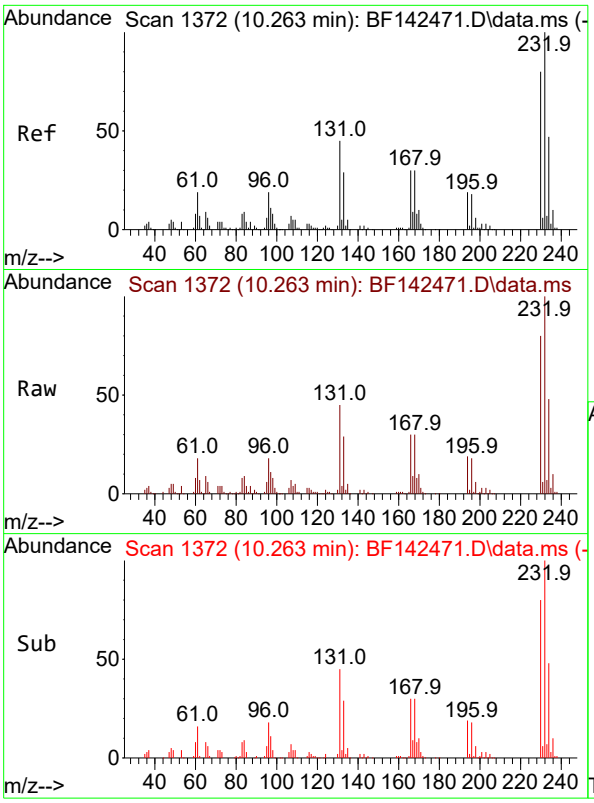


#58
Fluorene
Concen: 37.457 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



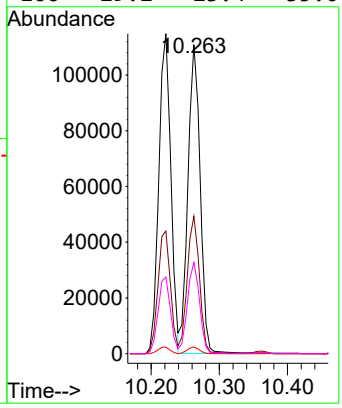


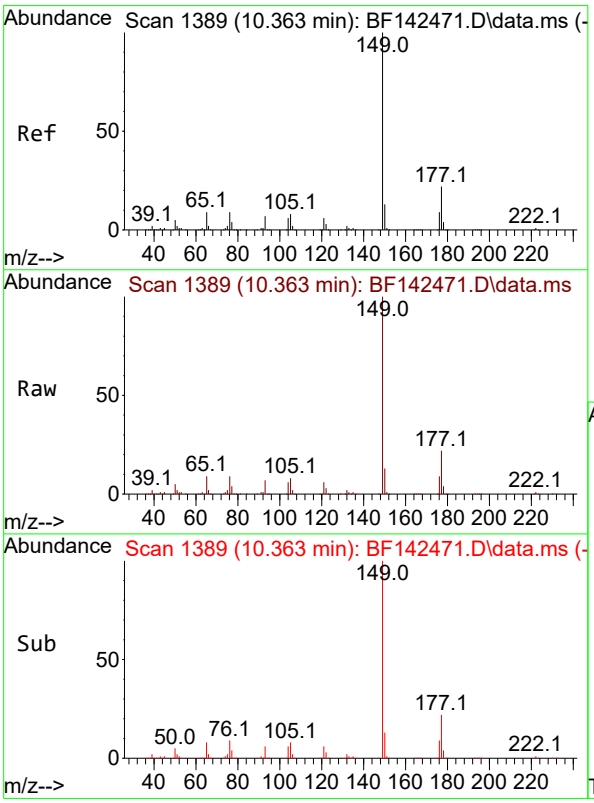
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.022 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

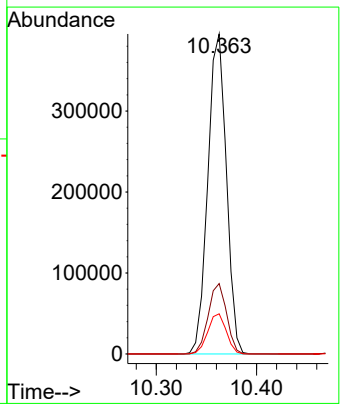


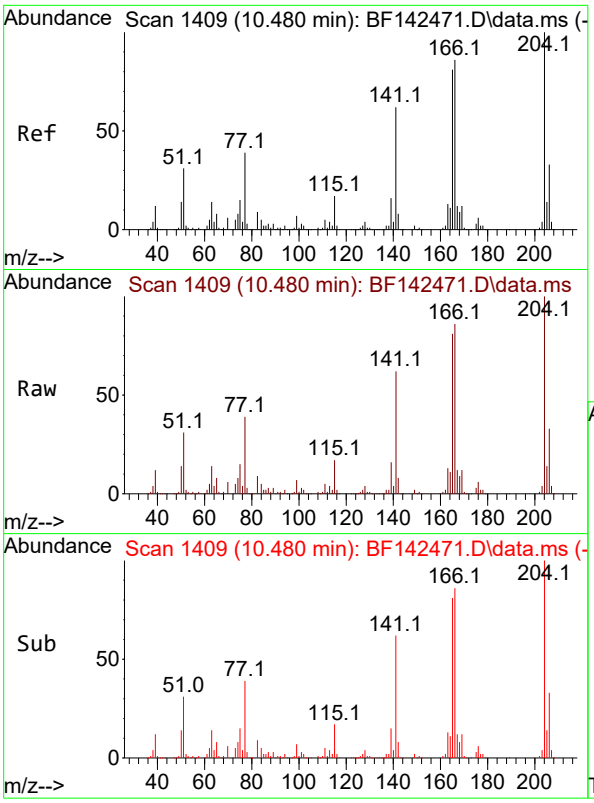


#60
Diethylphthalate
Concen: 38.217 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



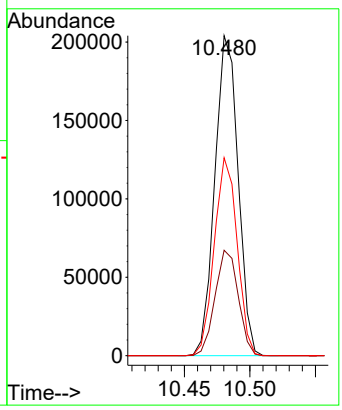


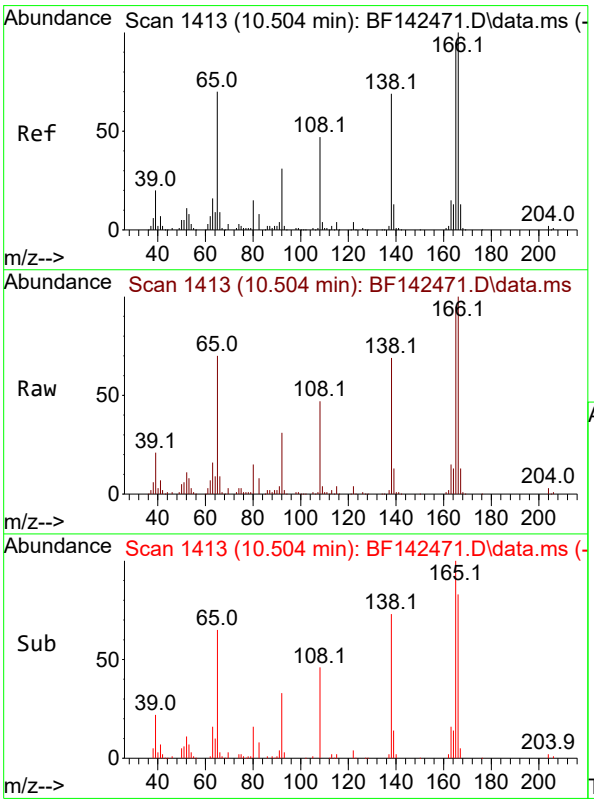
#61
4-Chlorophenyl-phenylether
Concen: 37.706 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

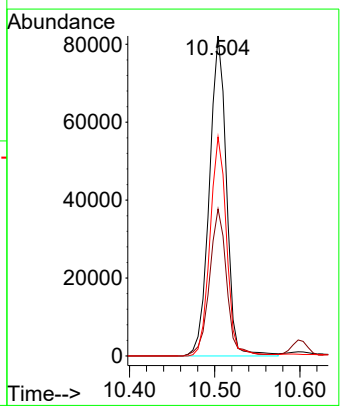


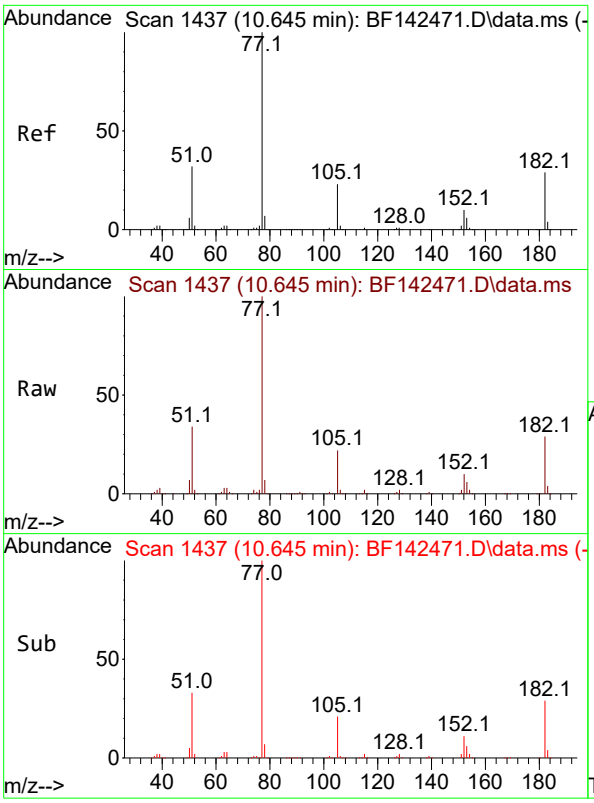


#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



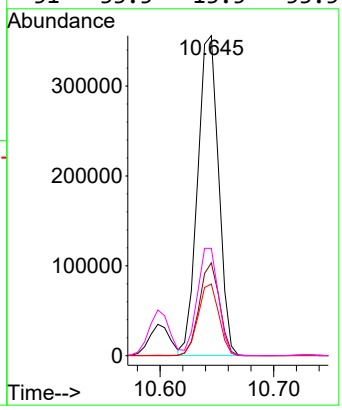


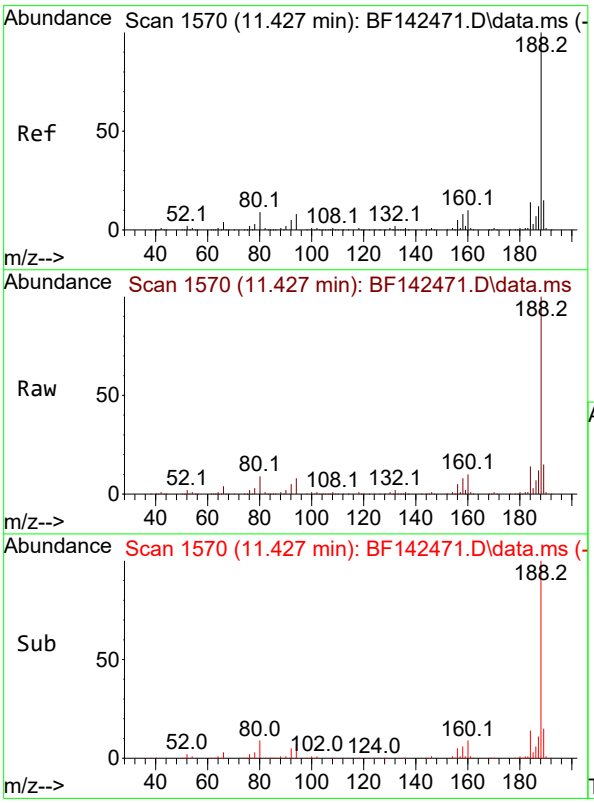
#63
Azobenzene
Concen: 38.246 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

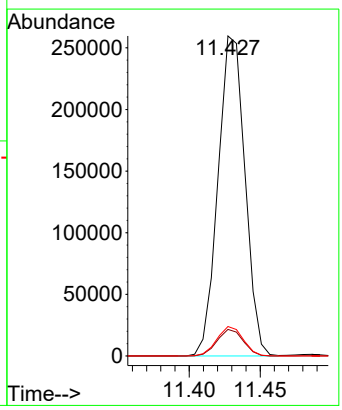


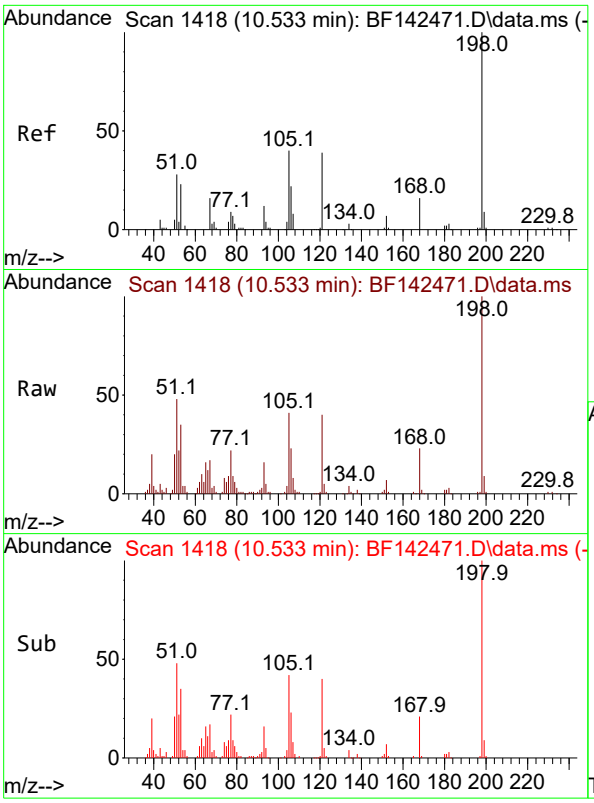


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



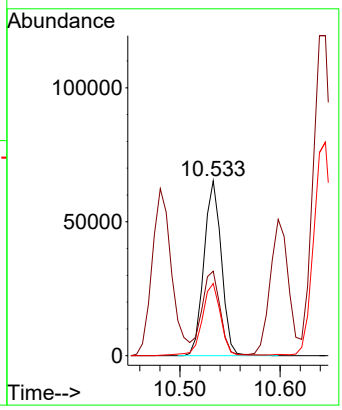


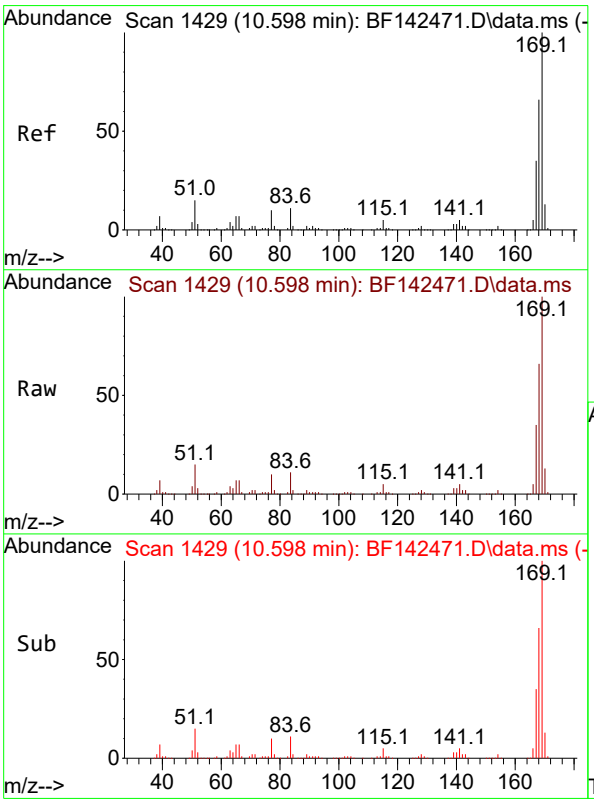
#65
4,6-Dinitro-2-methylphenol
Concen: 41.326 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

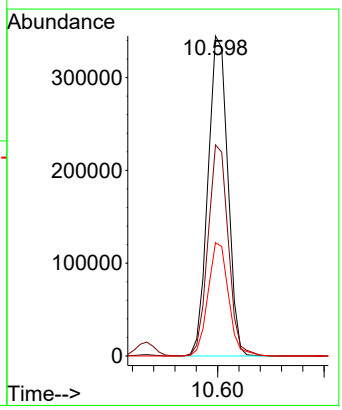


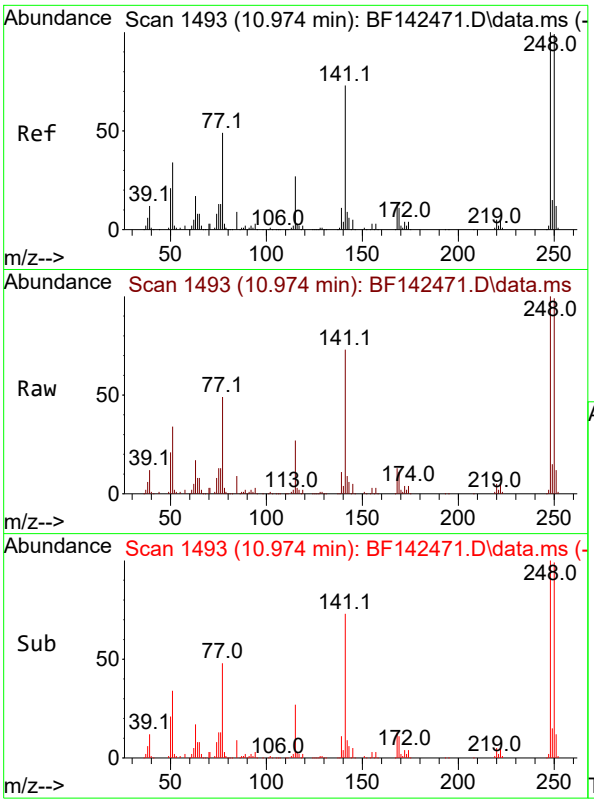


#66
n-Nitrosodiphenylamine
Concen: 37.917 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



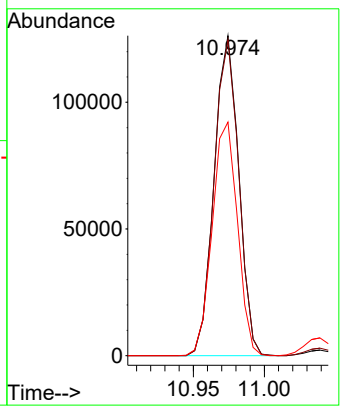


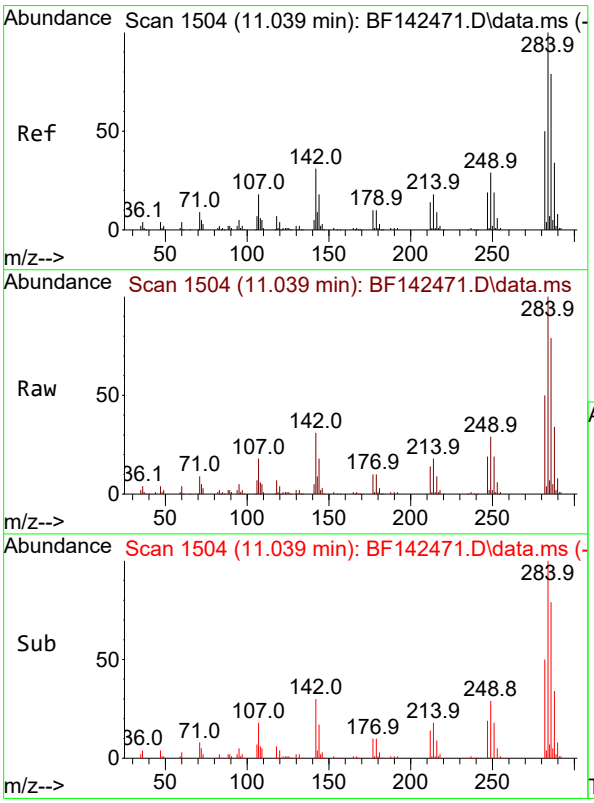
#67
4-Bromophenyl-phenylether
Concen: 37.556 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

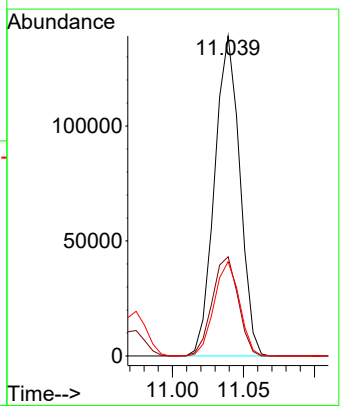


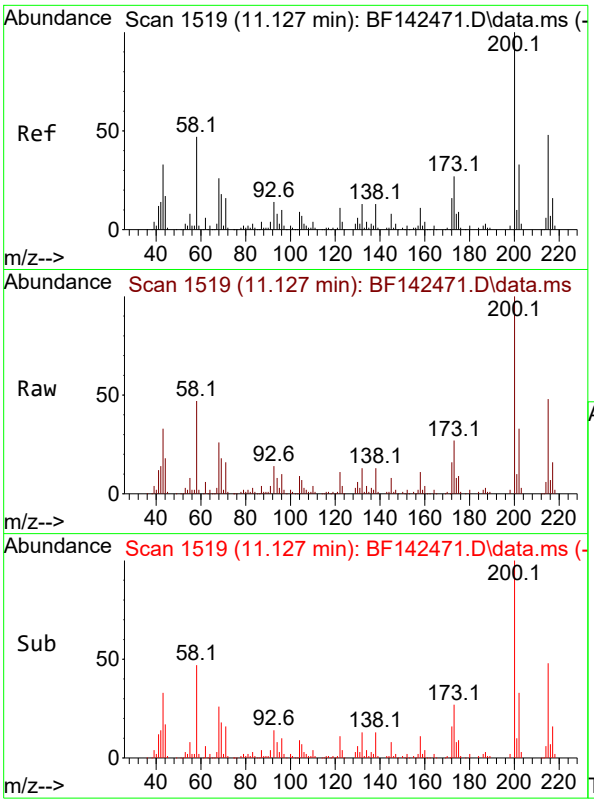


#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



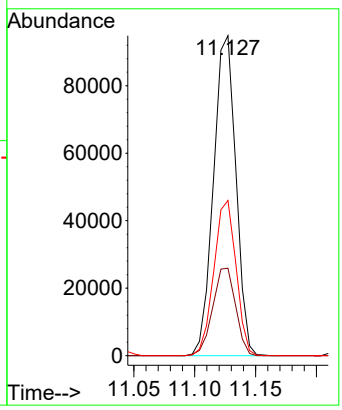


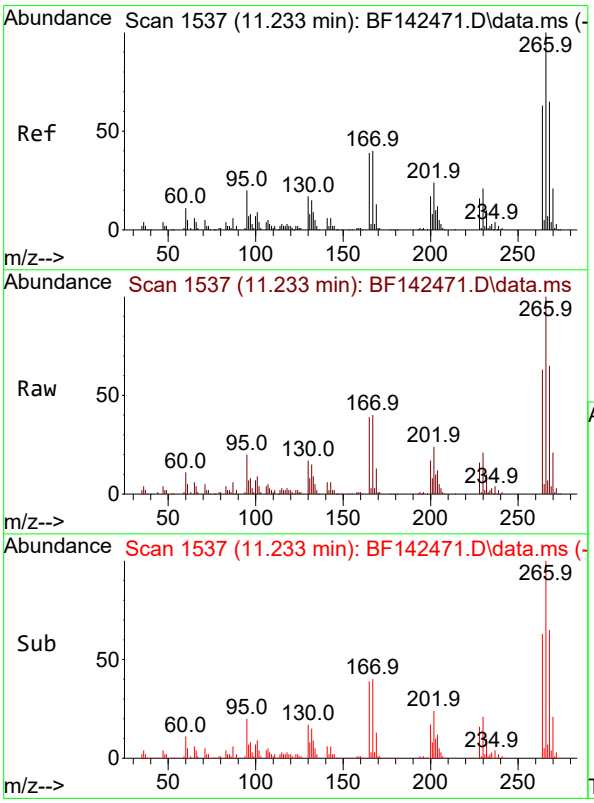
#69
Atrazine
Concen: 39.072 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

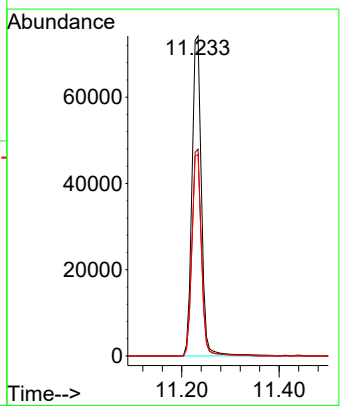


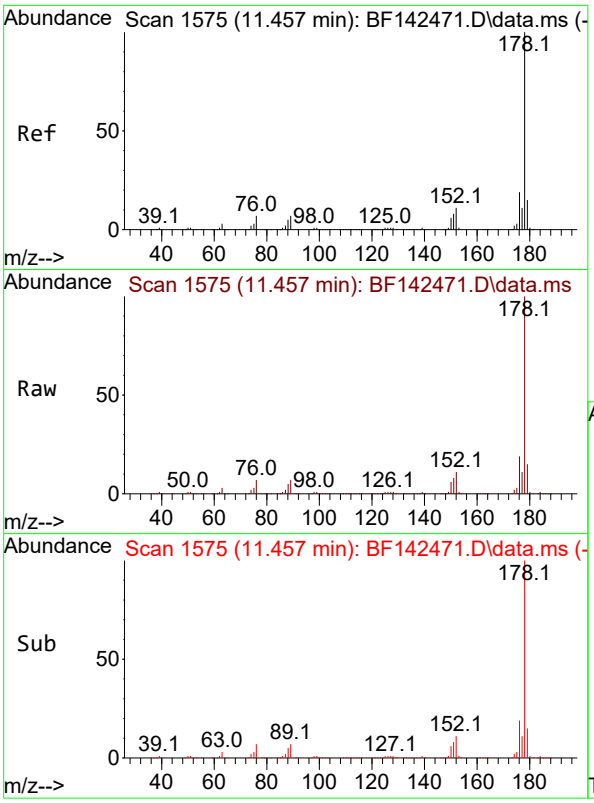


#70
Pentachlorophenol
Concen: 39.824 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



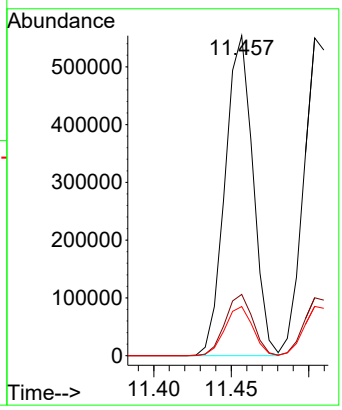


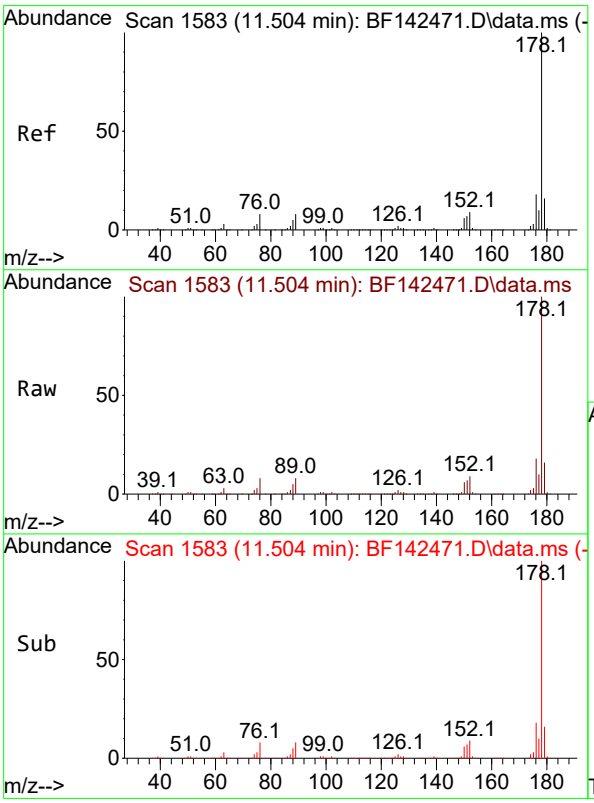
#71
Phenanthrene
Concen: 37.855 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

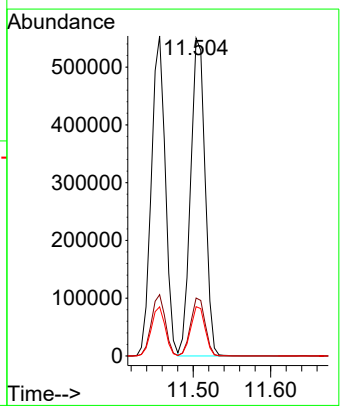


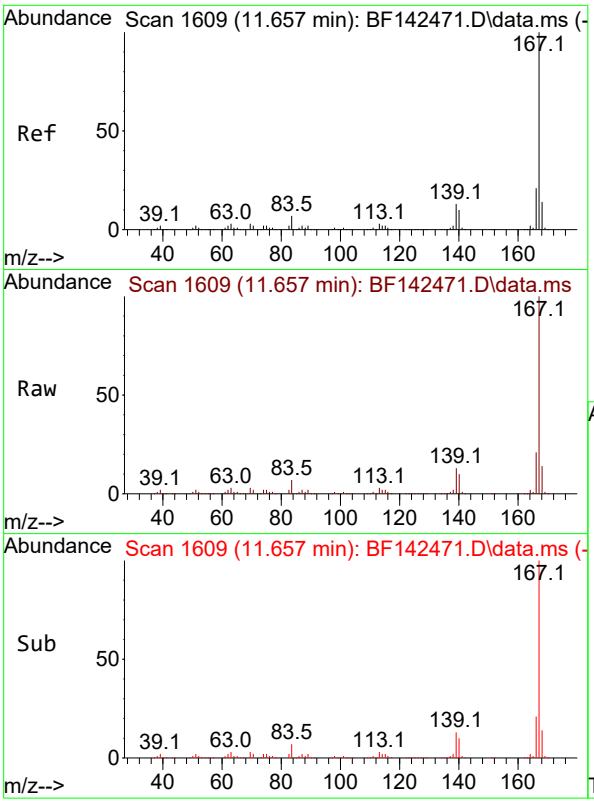


#72
Anthracene
Concen: 38.007 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



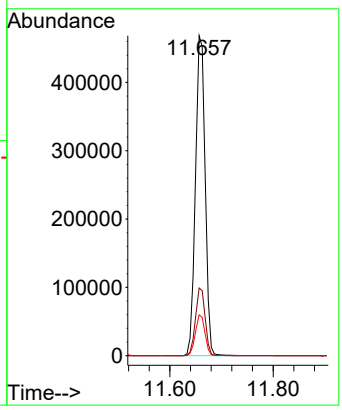


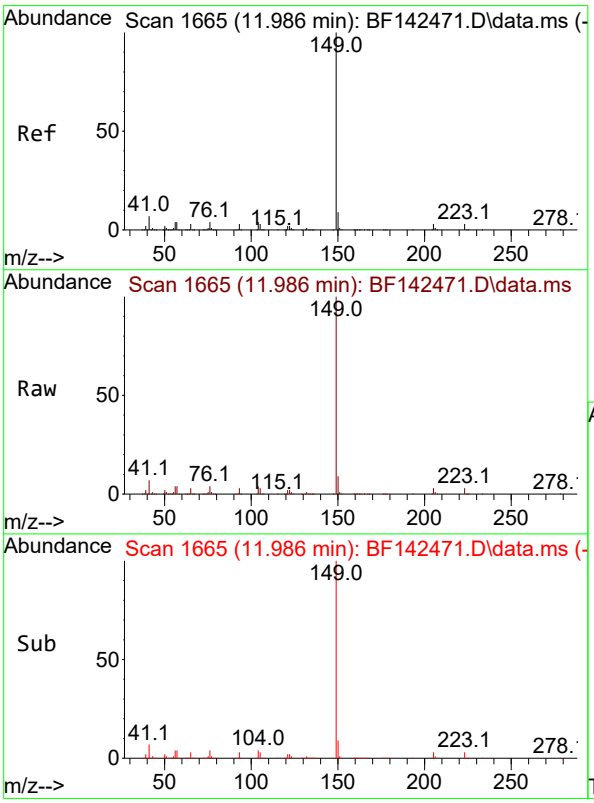
#73
Carbazole
Concen: 38.140 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

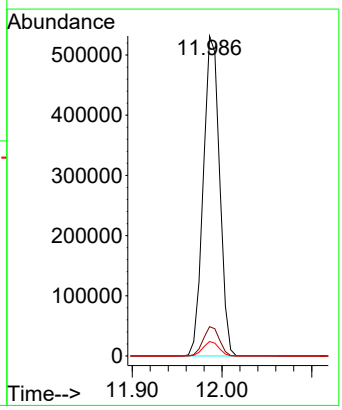


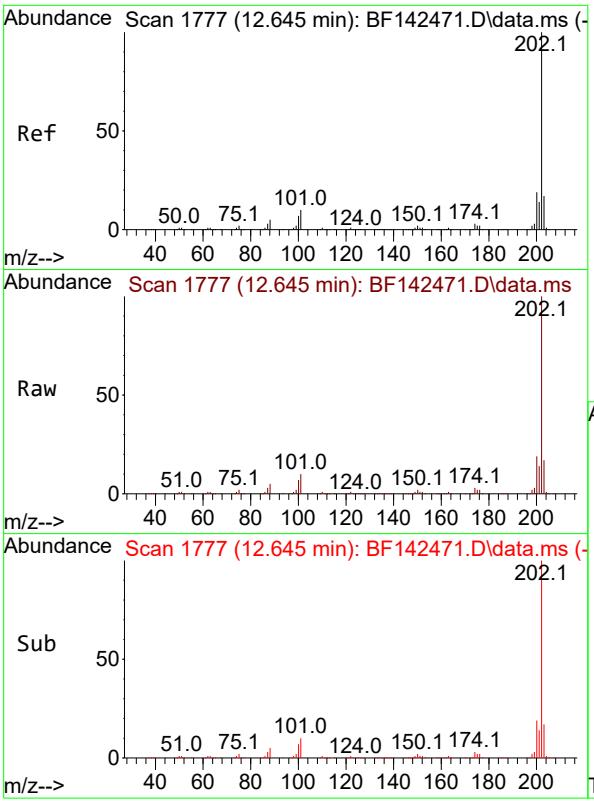


#74
Di-n-butylphthalate
Concen: 38.227 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



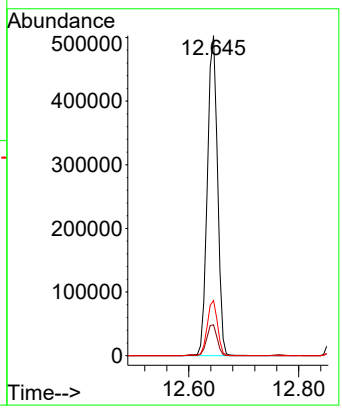


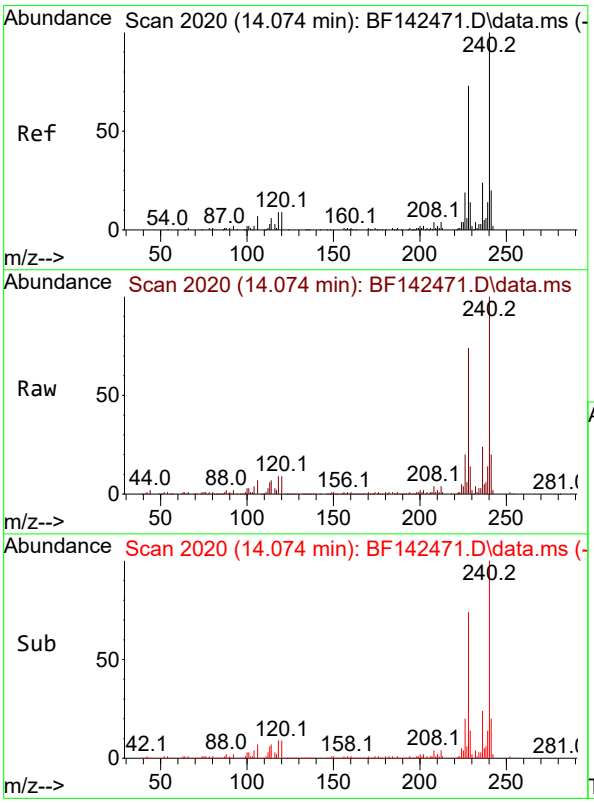
#75
Fluoranthene
Concen: 37.569 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

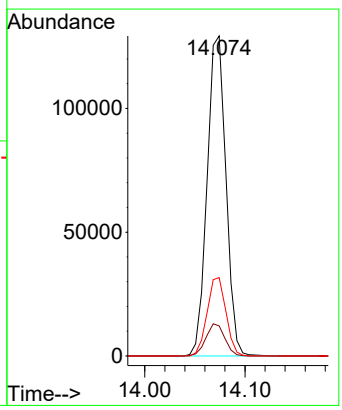


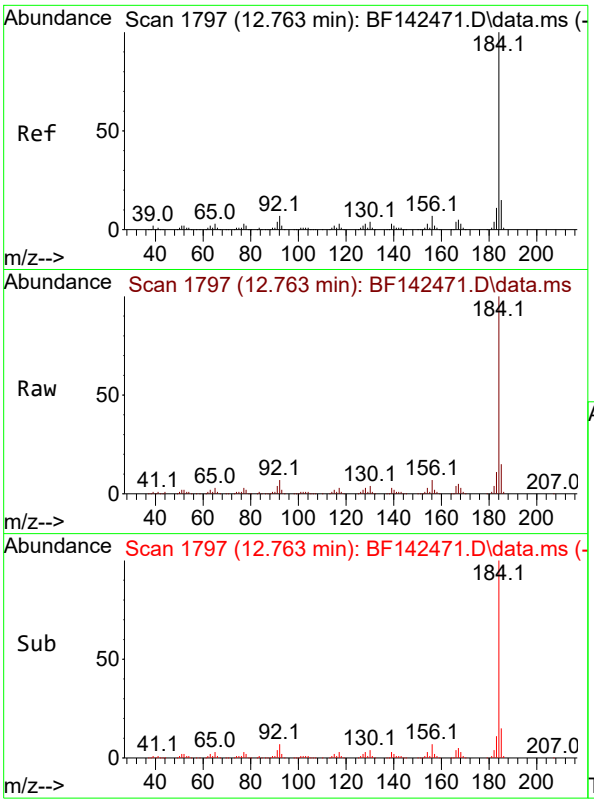


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



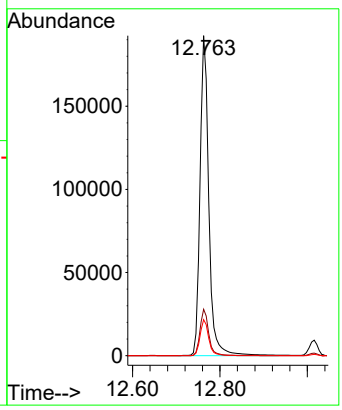


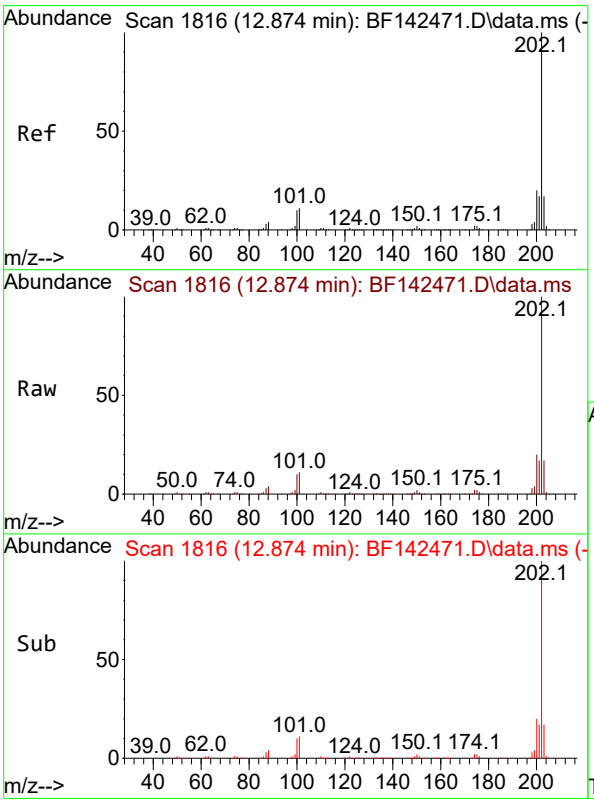
#77
Benzidine
Concen: 42.816 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

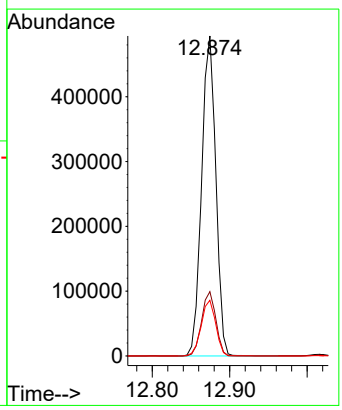


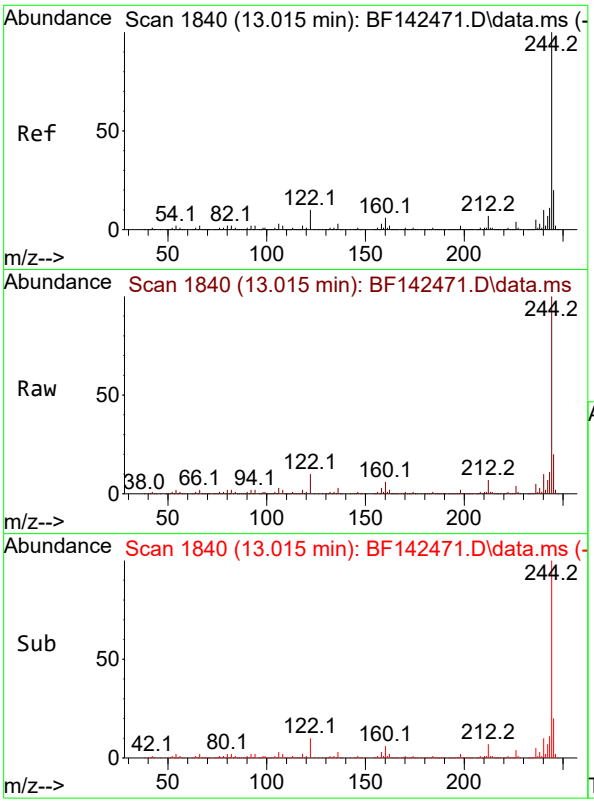


#78
Pyrene
Concen: 39.853 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



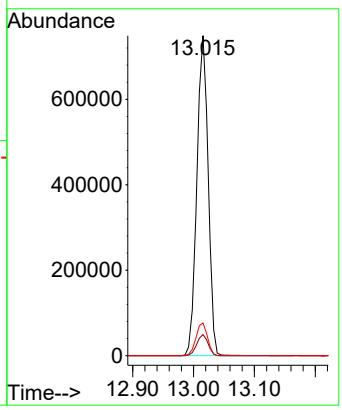


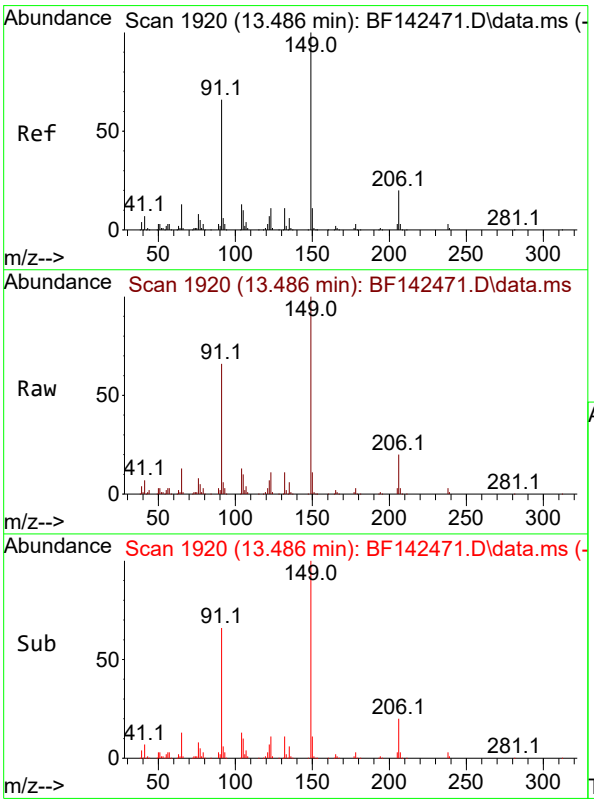
#79
Terphenyl-d14
Concen: 77.802 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

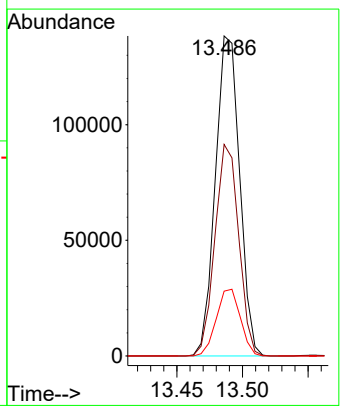


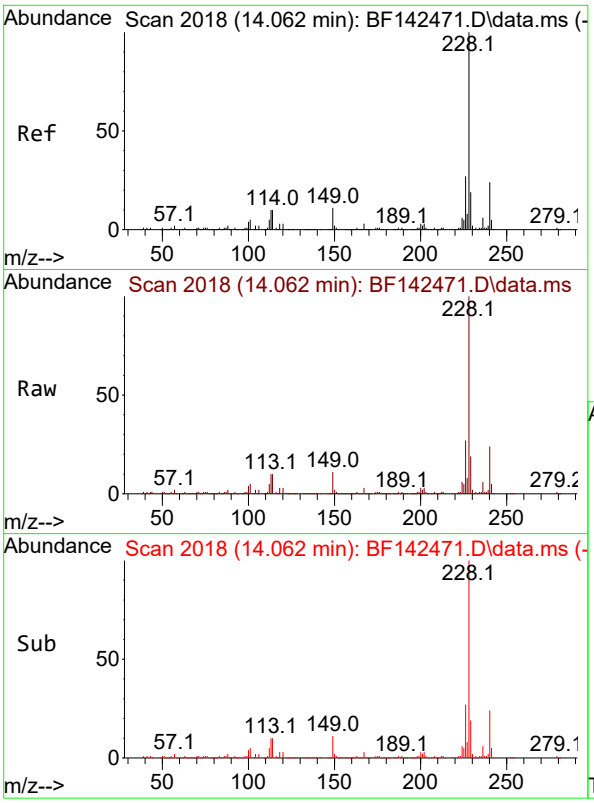


#80
Butylbenzylphthalate
Concen: 40.819 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



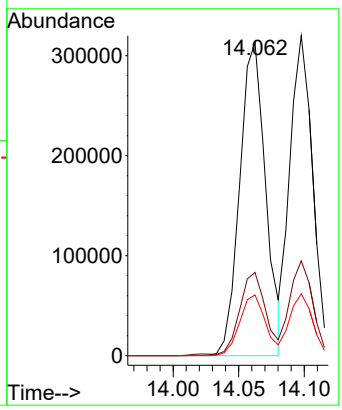


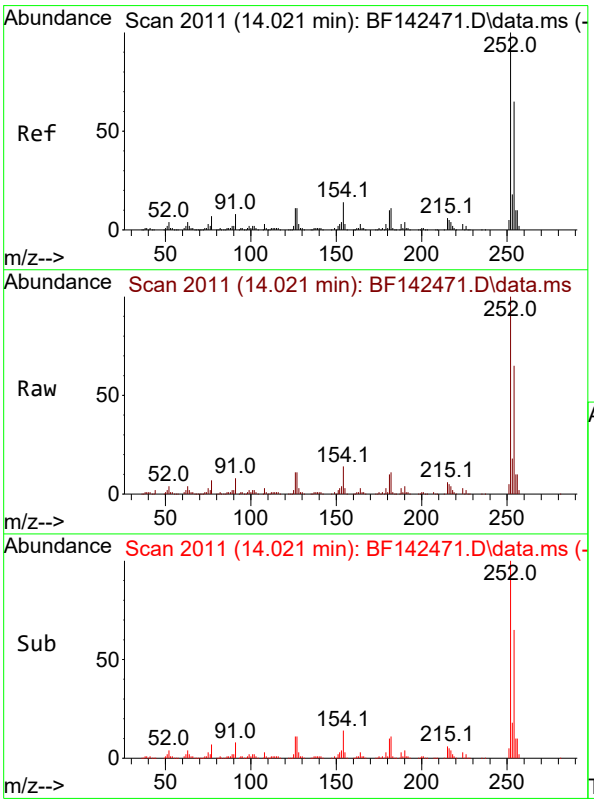
#81
Benzo(a)anthracene
Concen: 38.276 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

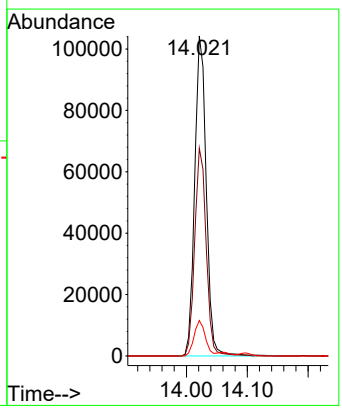


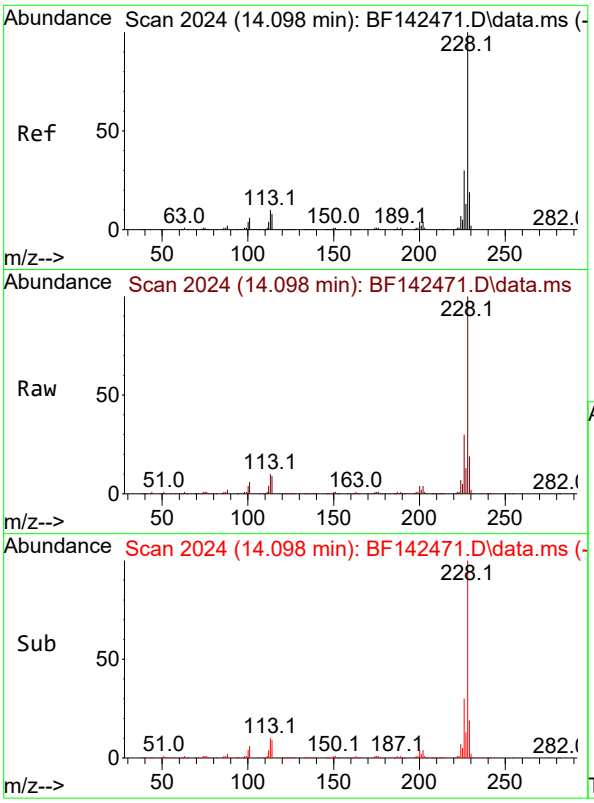


#82
3,3'-Dichlorobenzidine
Concen: 40.148 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



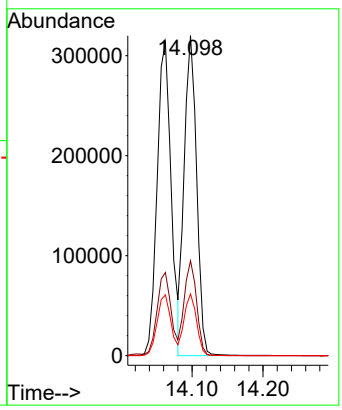


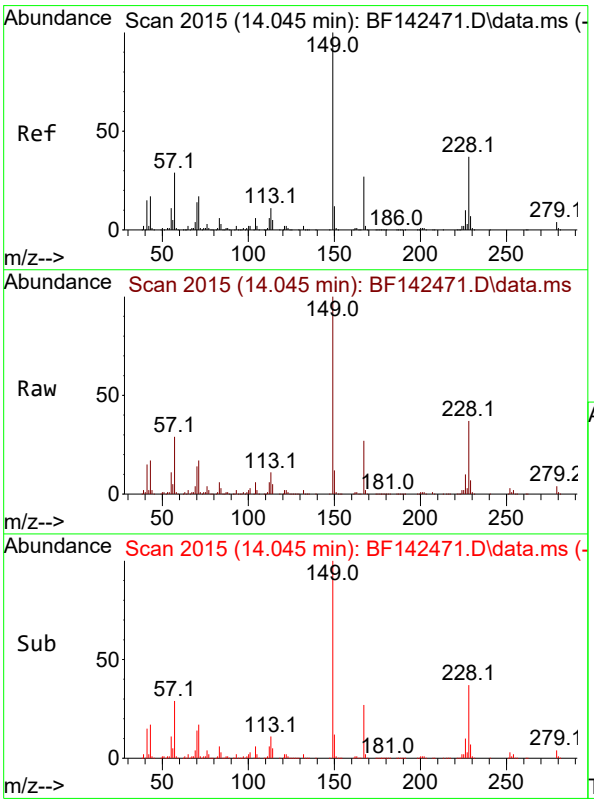
#83
Chrysene
Concen: 38.168 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

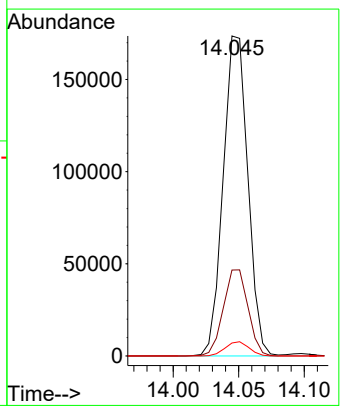


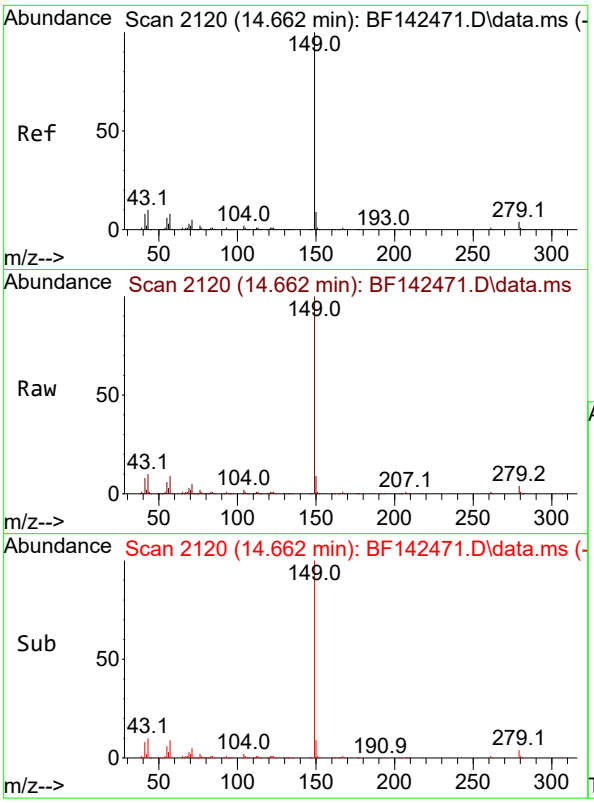


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.800 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



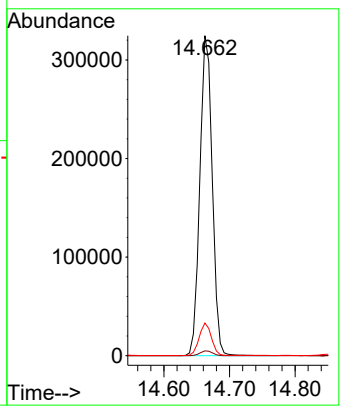


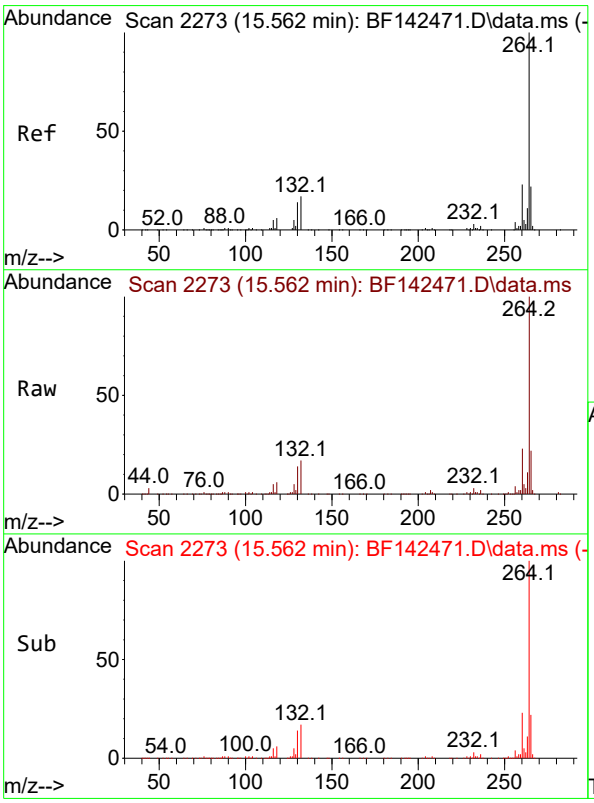
#85
Di-n-octyl phthalate
Concen: 39.246 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

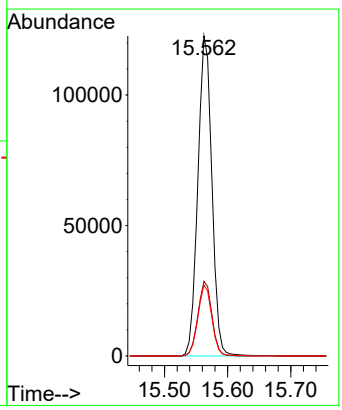


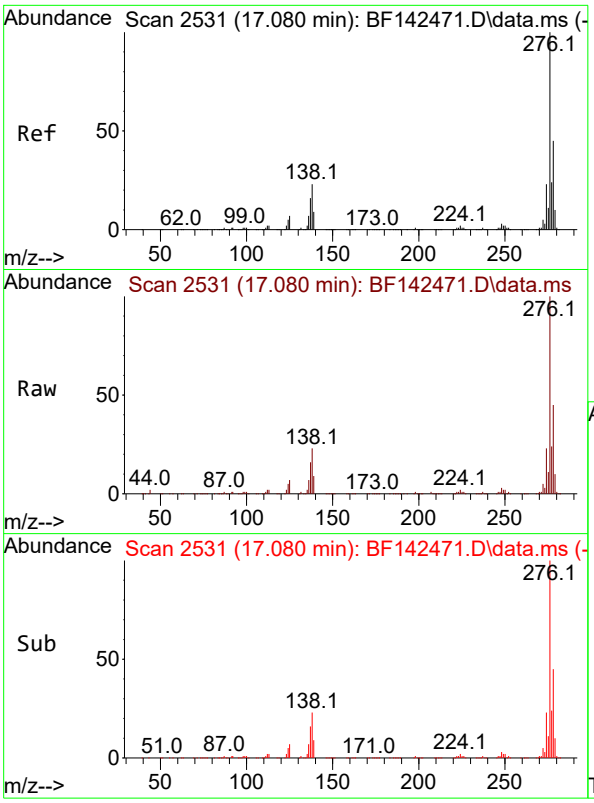


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



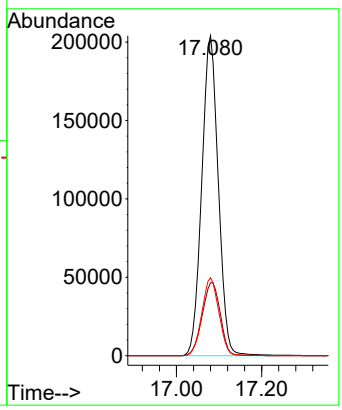


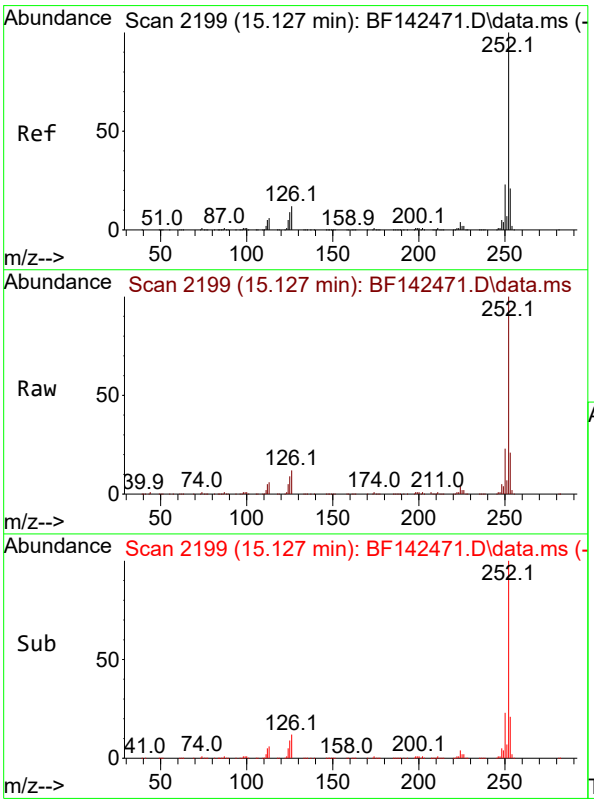
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.584 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

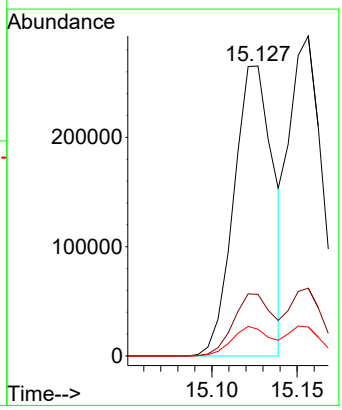


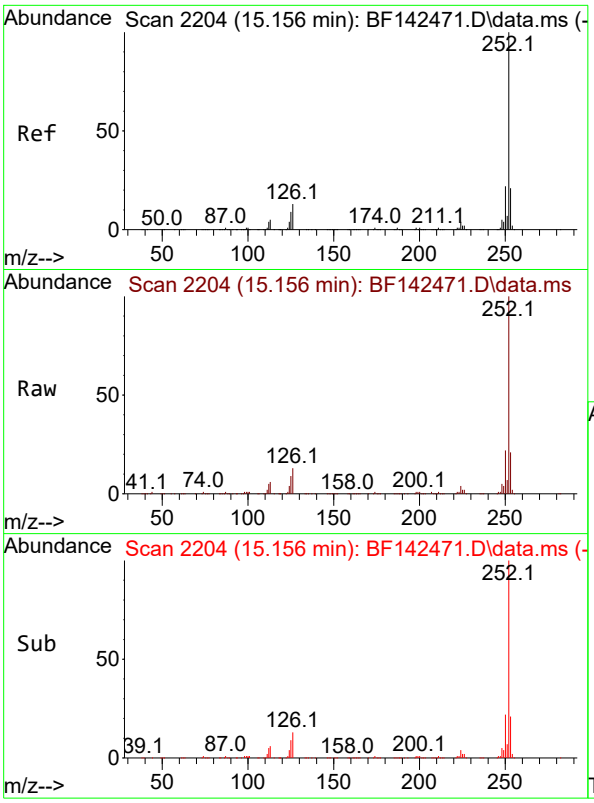


#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



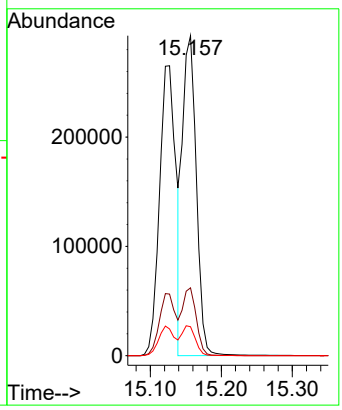


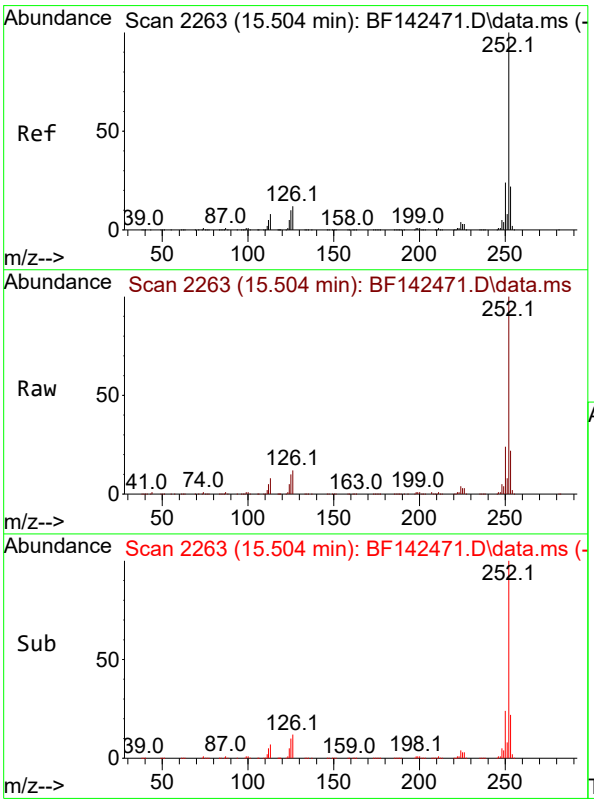
#89
Benzo(k)fluoranthene
Concen: 37.603 ng
RT: 15.156 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

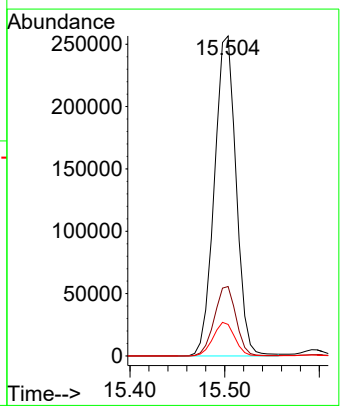


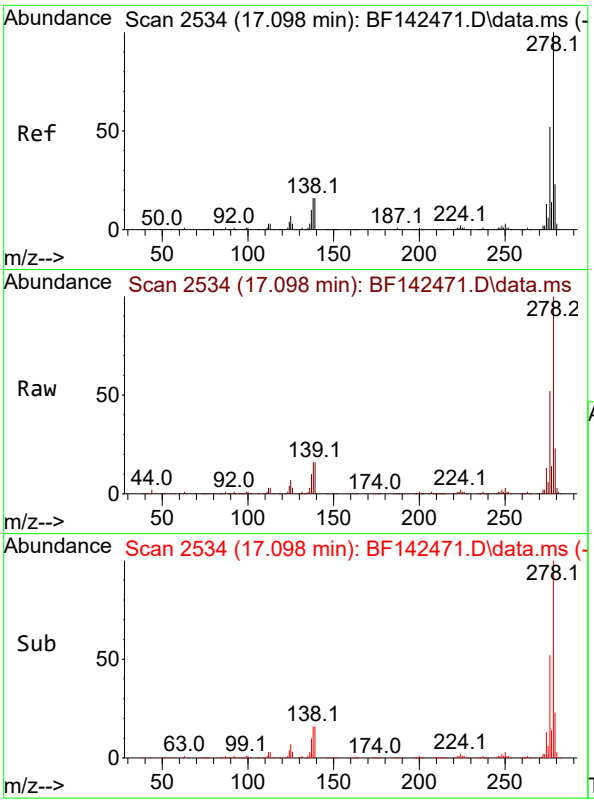


#90
Benzo(a)pyrene
Concen: 38.761 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



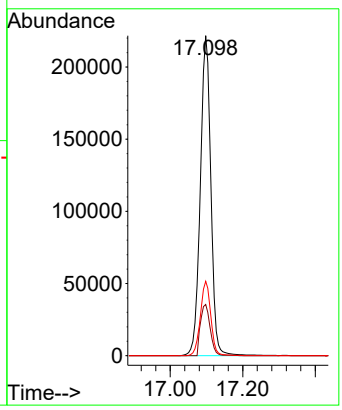


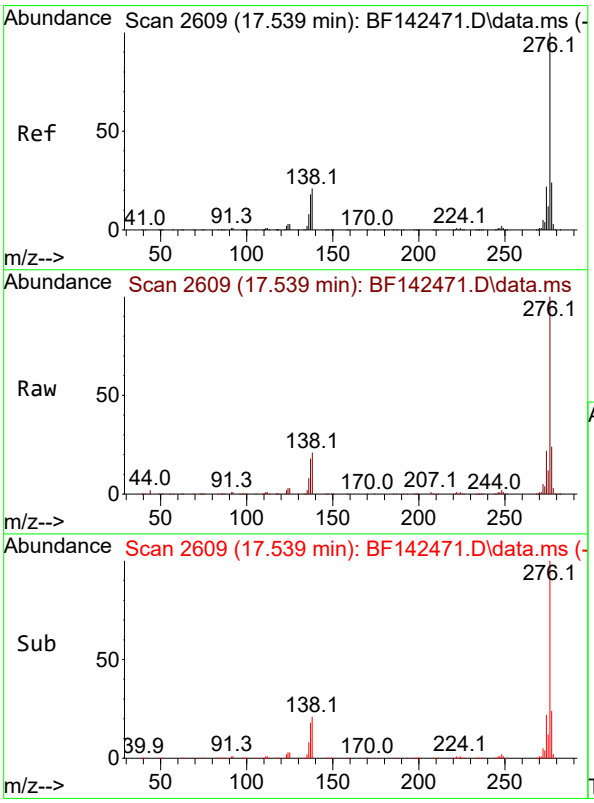
#91
Dibenzo(a,h)anthracene
Concen: 38.903 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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

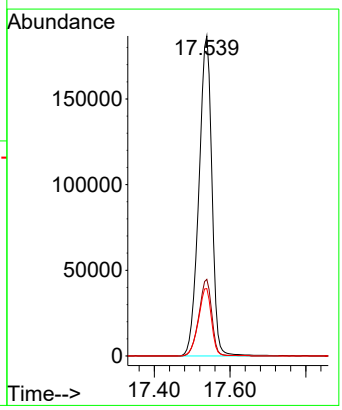




#92
Benzo(g,h,i)perylene
Concen: 38.747 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

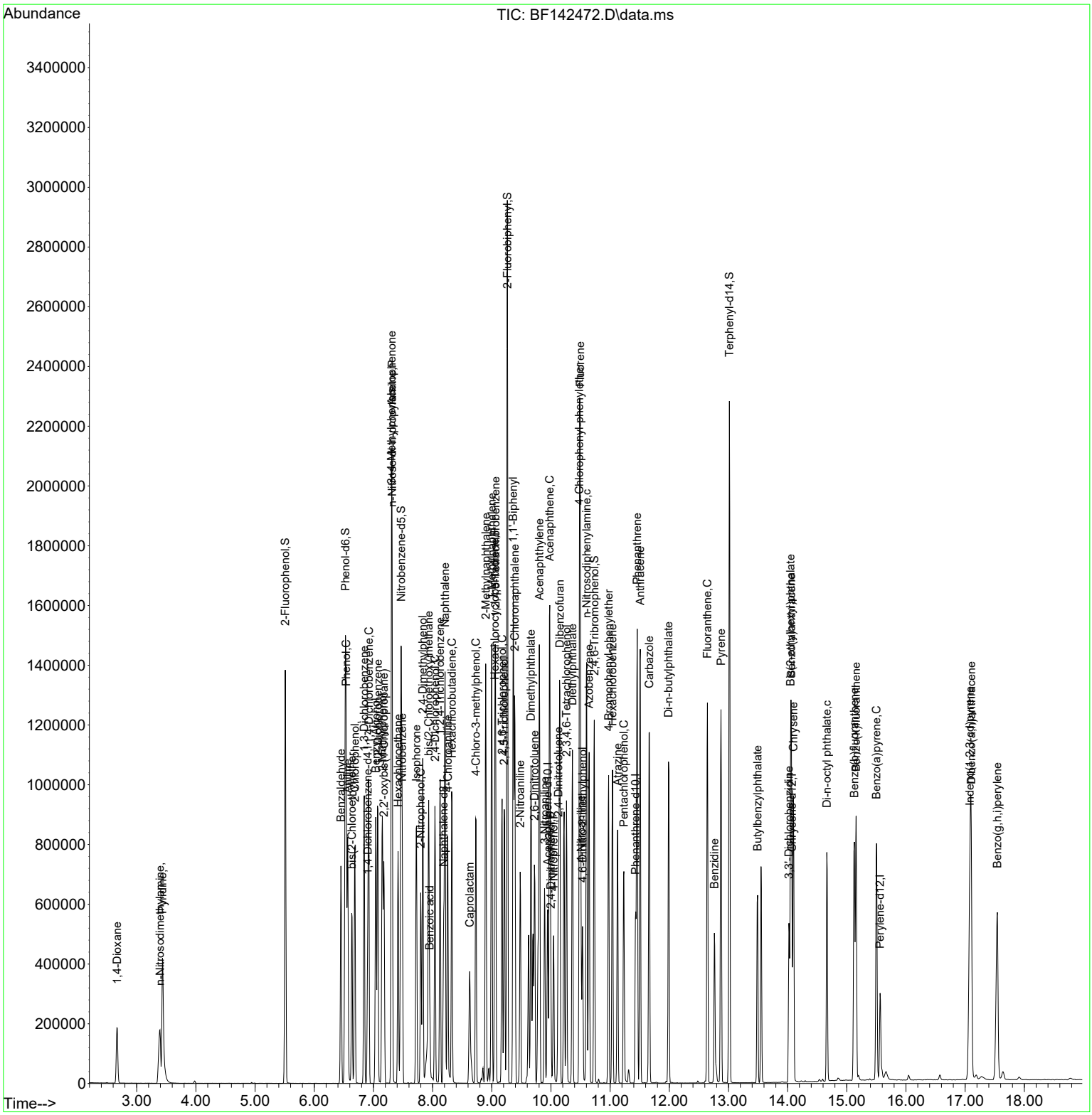
(#) = qualifier out of range (m) = manual integration (+) = signals summed

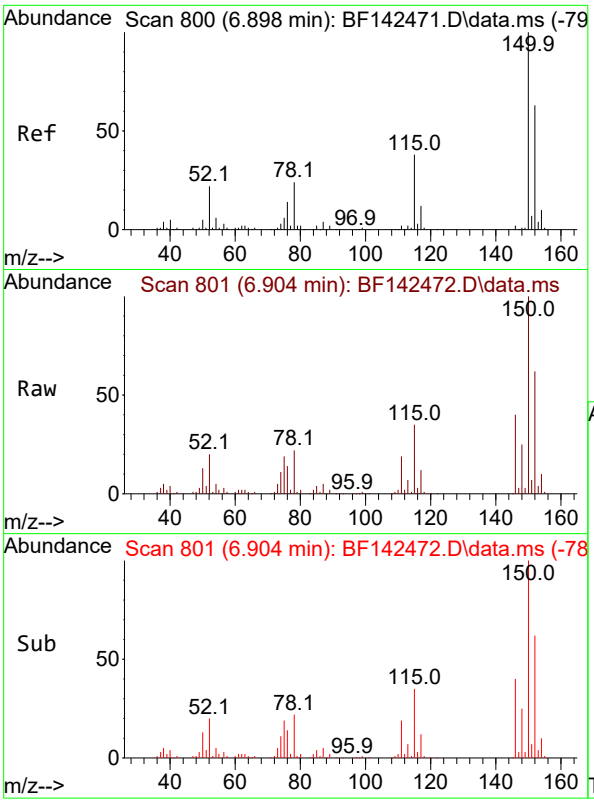
ICAL Form

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



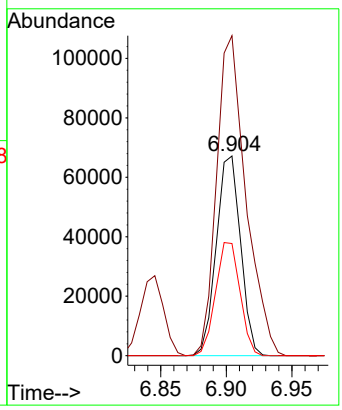


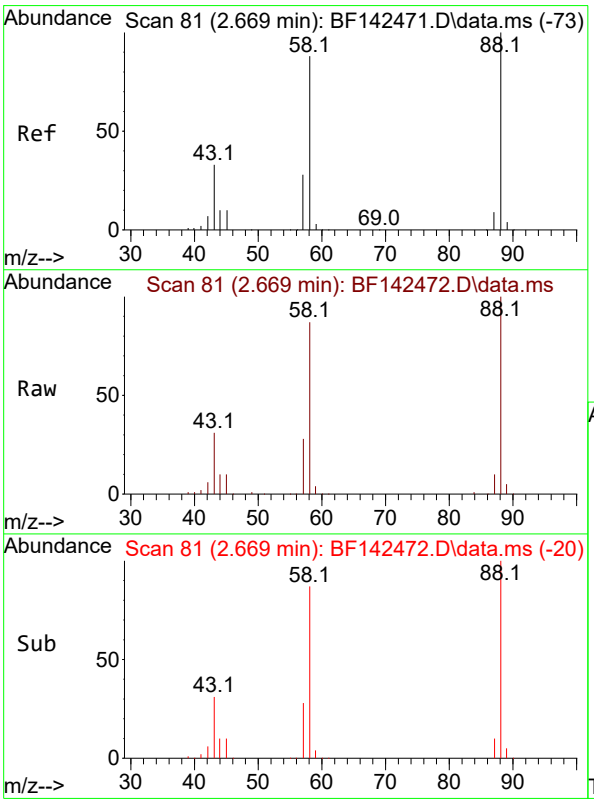
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

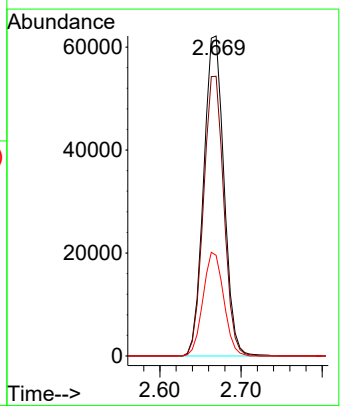


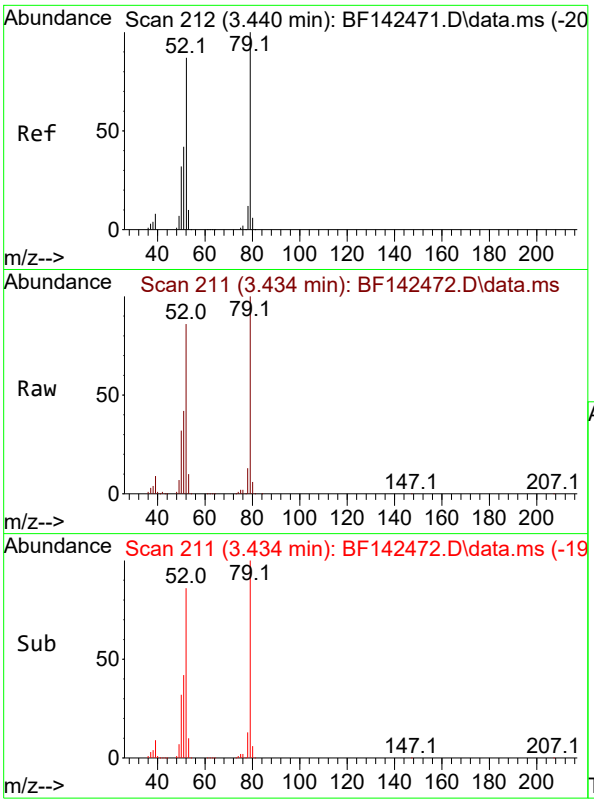


#2
1,4-Dioxane
Concen: 52.616 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



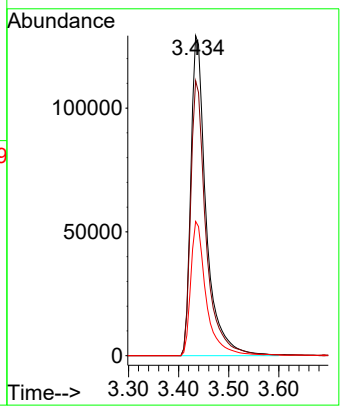


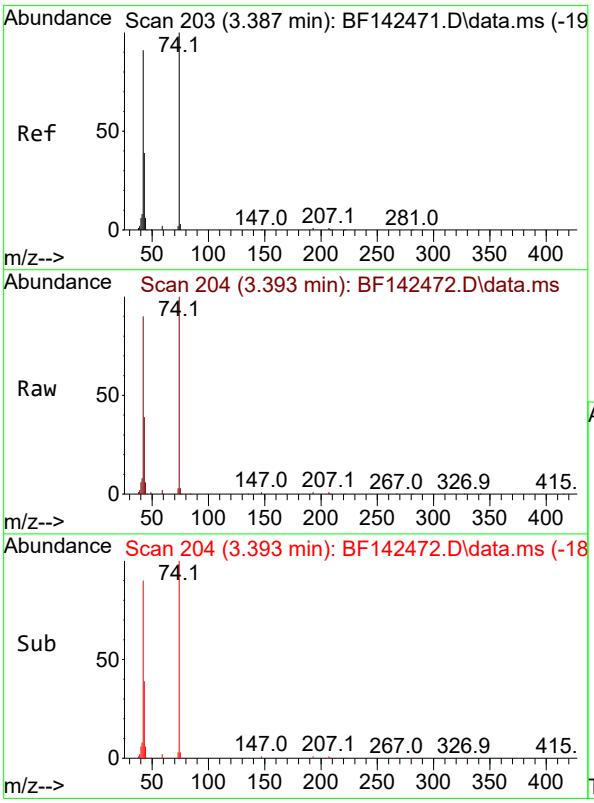
#3
Pyridine
Concen: 52.626 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

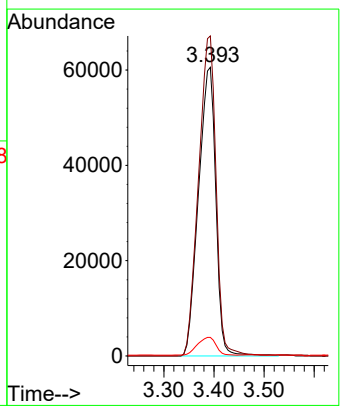


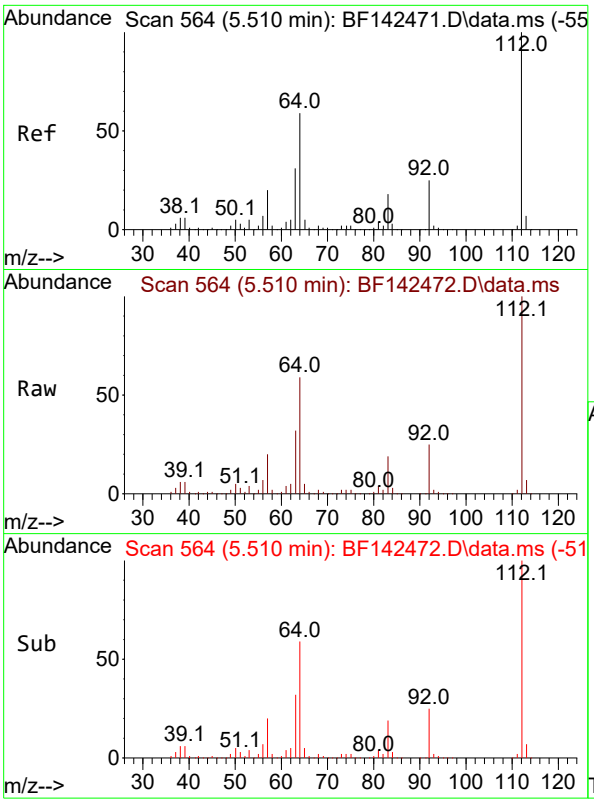


#4
n-Nitrosodimethylamine
Concen: 53.550 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



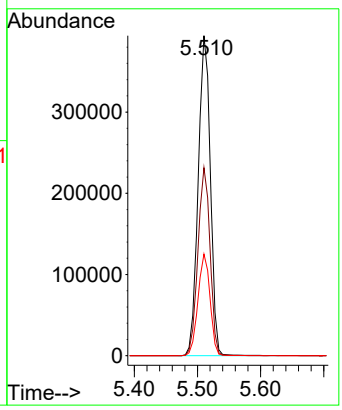


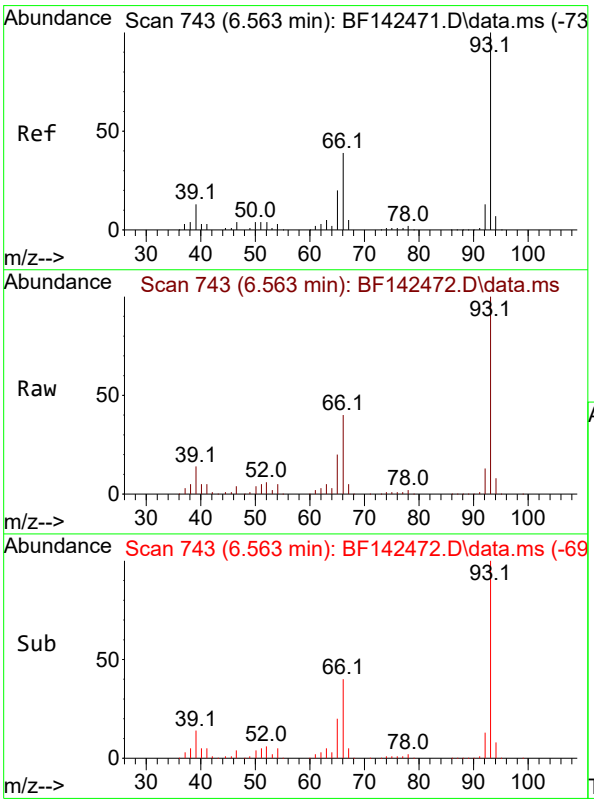
#5
2-Fluorophenol
Concen: 102.760 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

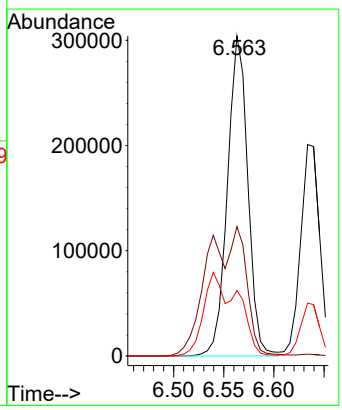


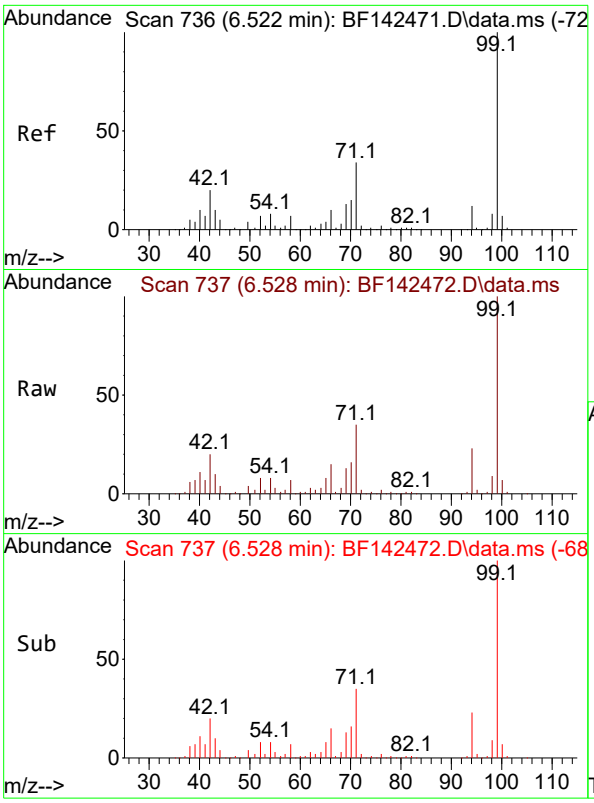


#6
Aniline
Concen: 51.852 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



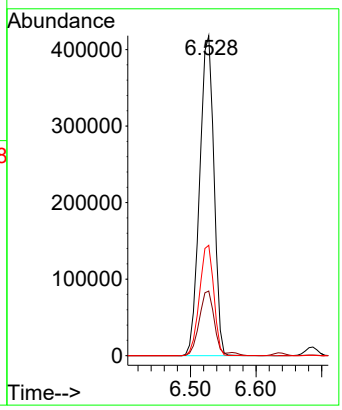


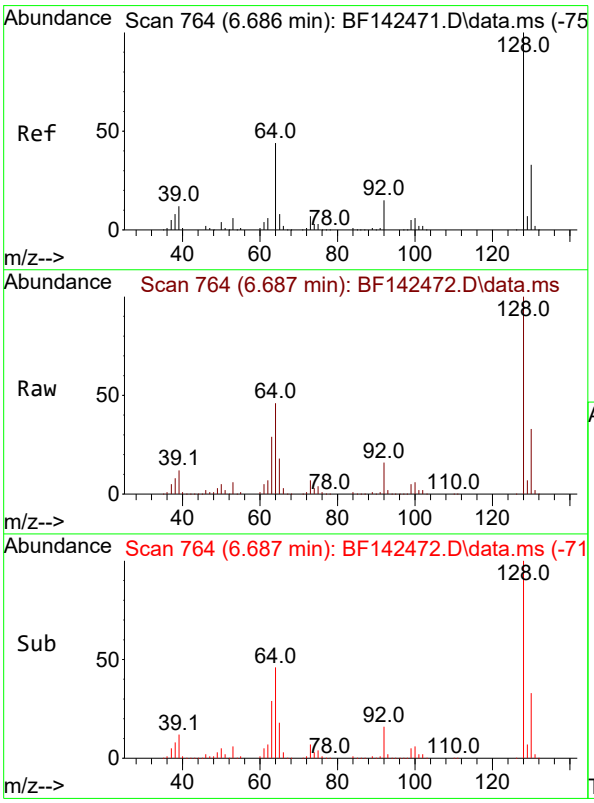
#7
Phenol-d6
Concen: 102.679 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

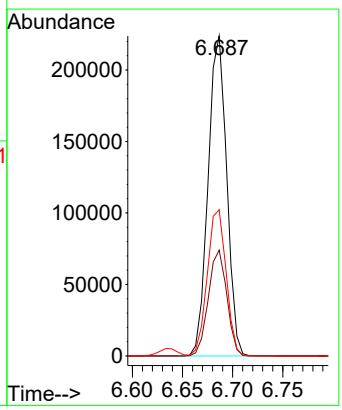


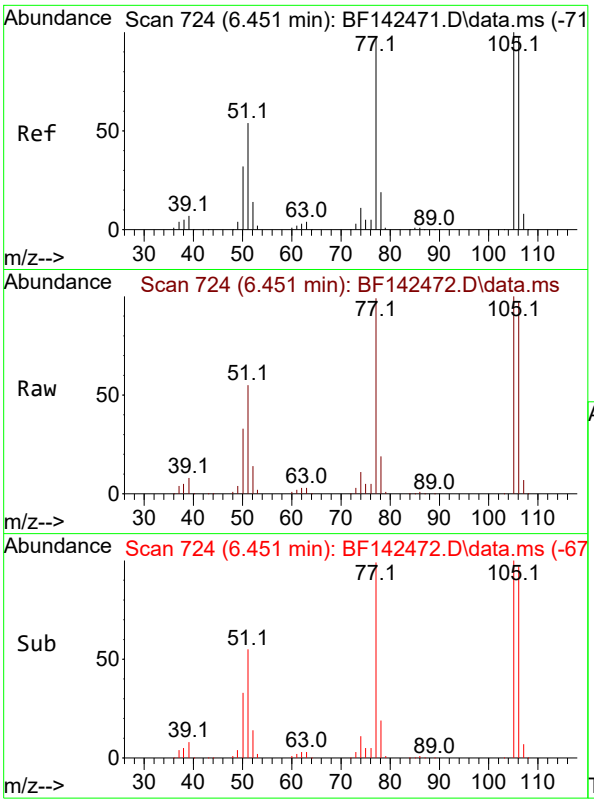


#8
2-Chlorophenol
Concen: 51.731 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



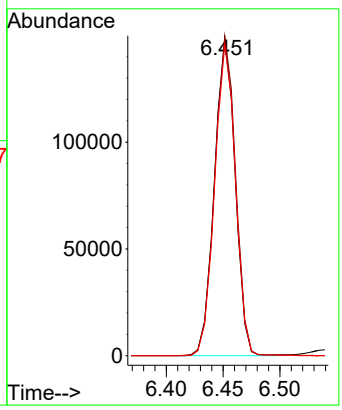


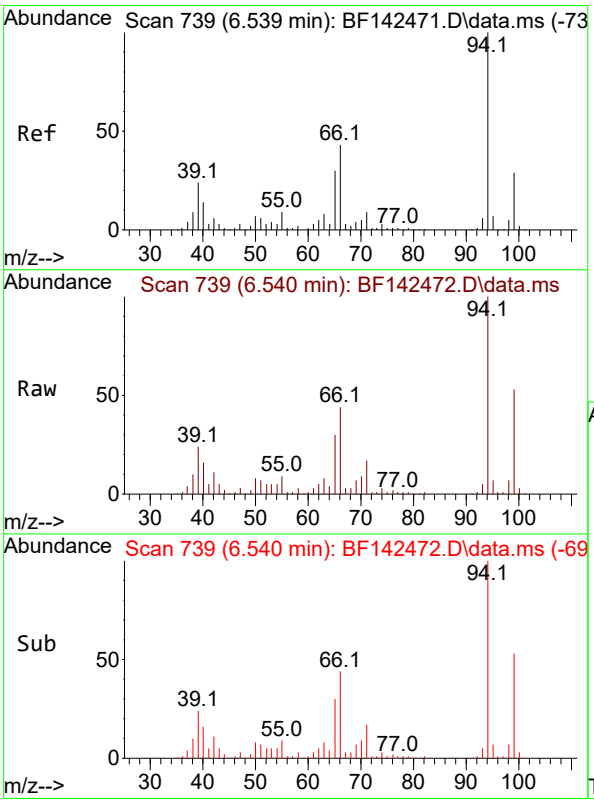
#9
Benzaldehyde
Concen: 50.700 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

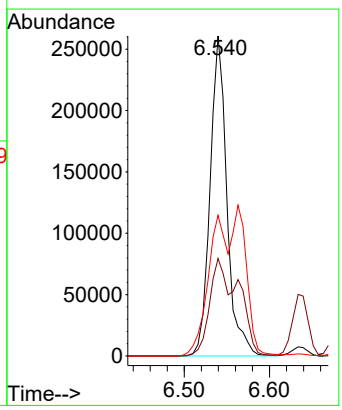


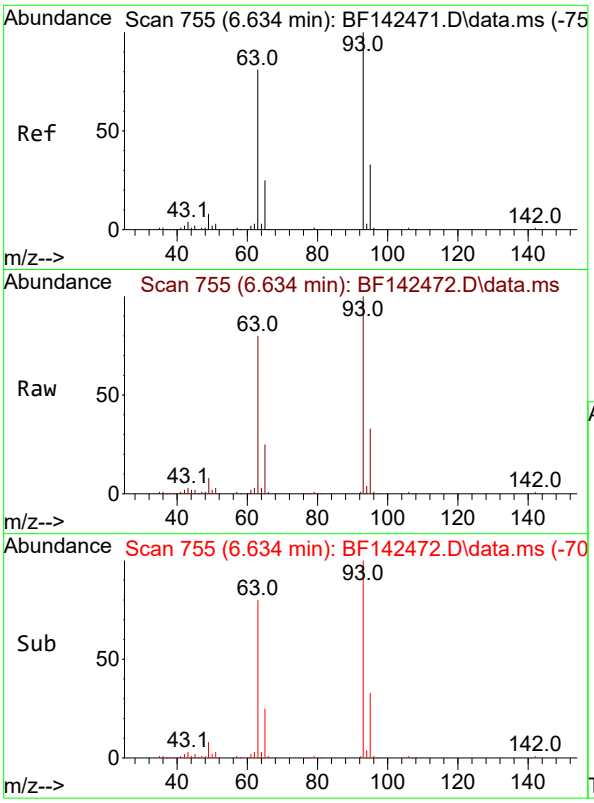


#10
Phenol
Concen: 51.526 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



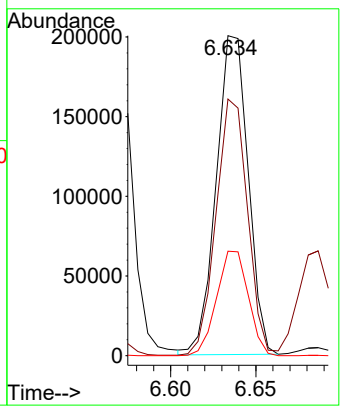


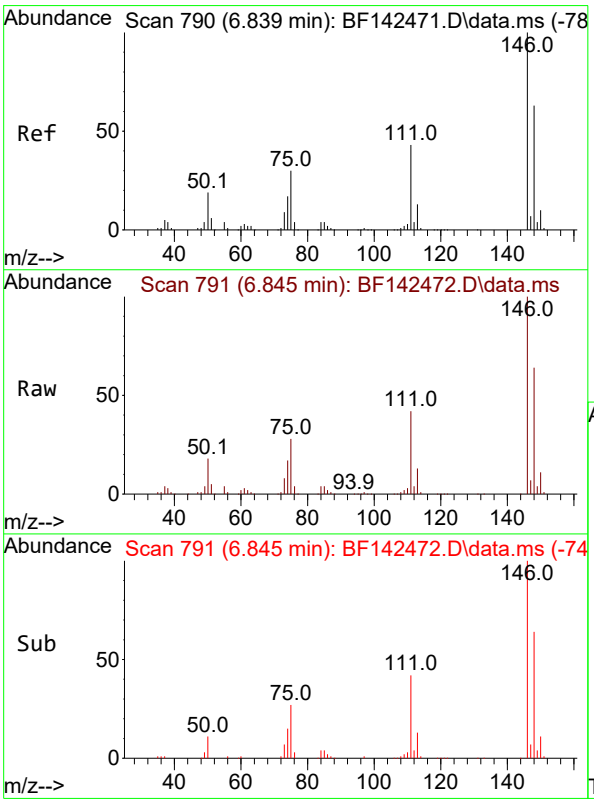
#11
bis(2-Chloroethyl)ether
Concen: 52.210 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

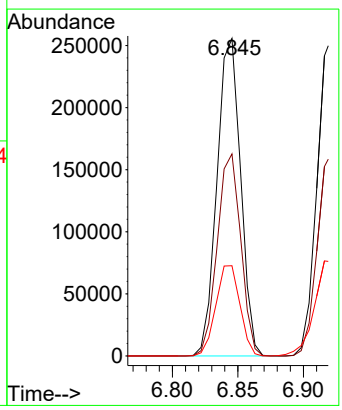


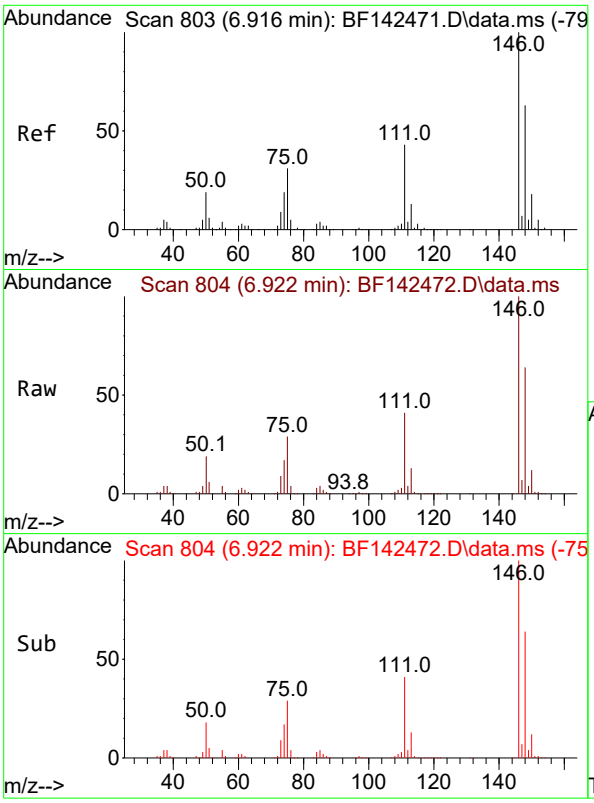


#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



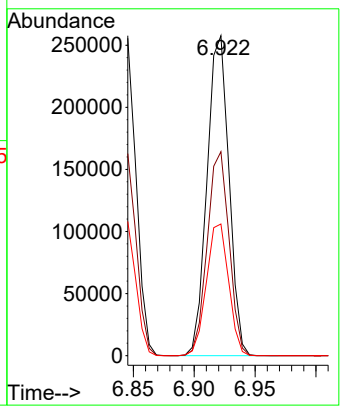


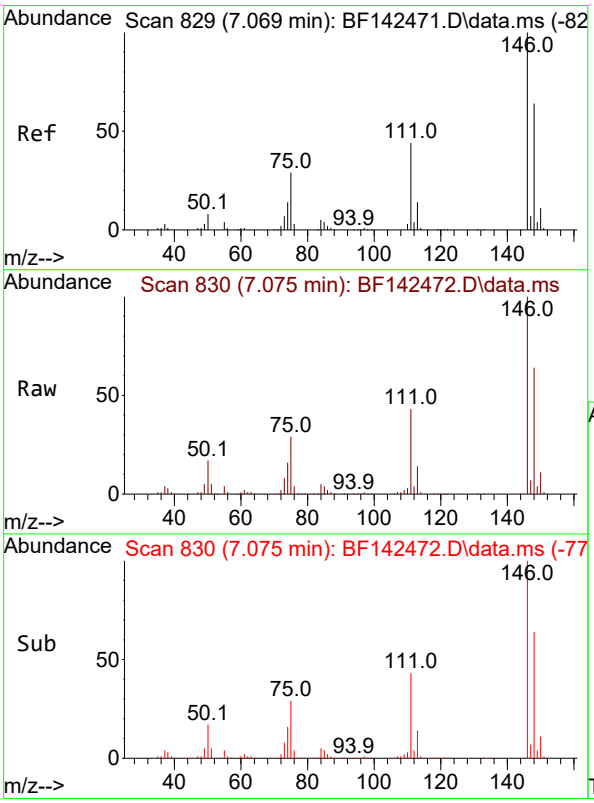
#13
1,4-Dichlorobenzene
Concen: 51.427 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

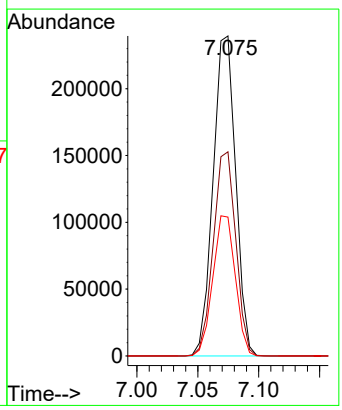


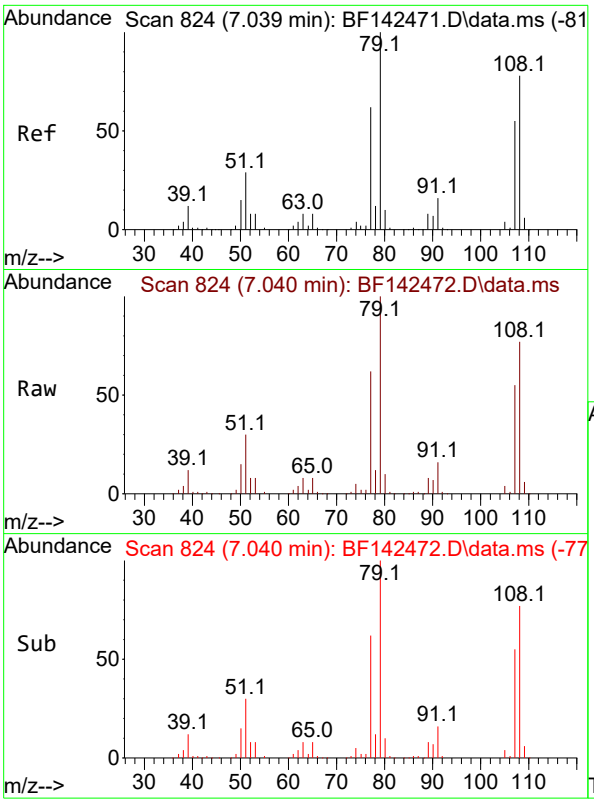


#14
1,2-Dichlorobenzene
Concen: 51.491 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



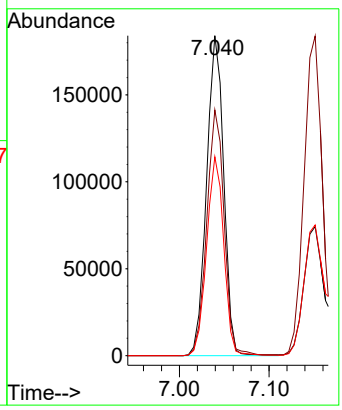


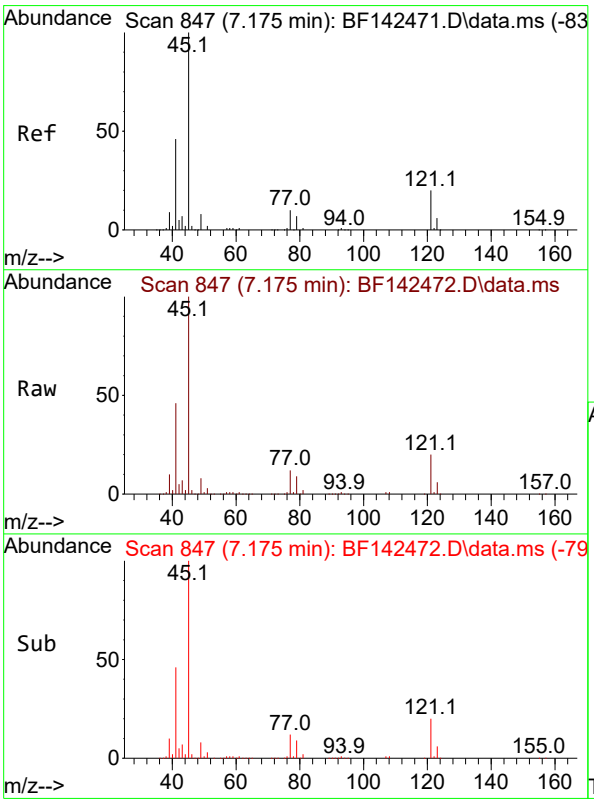
#15
Benzyl Alcohol
Concen: 53.559 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

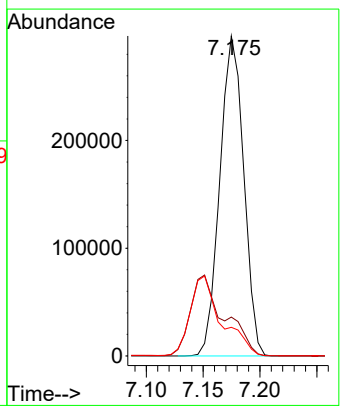


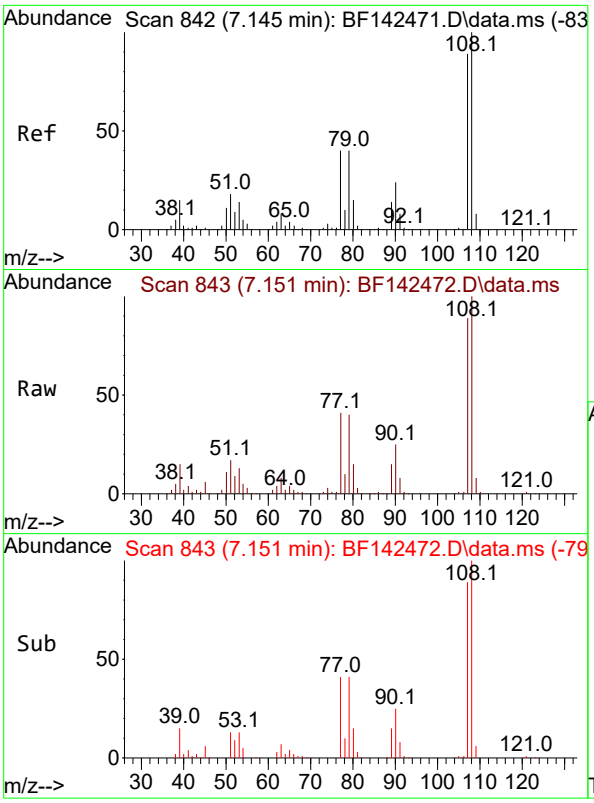


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.741 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



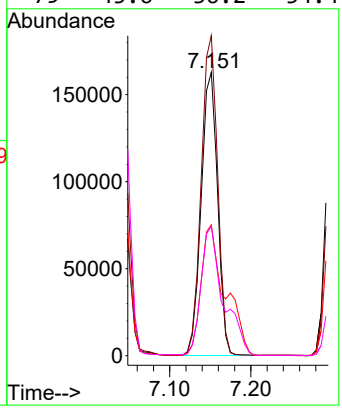


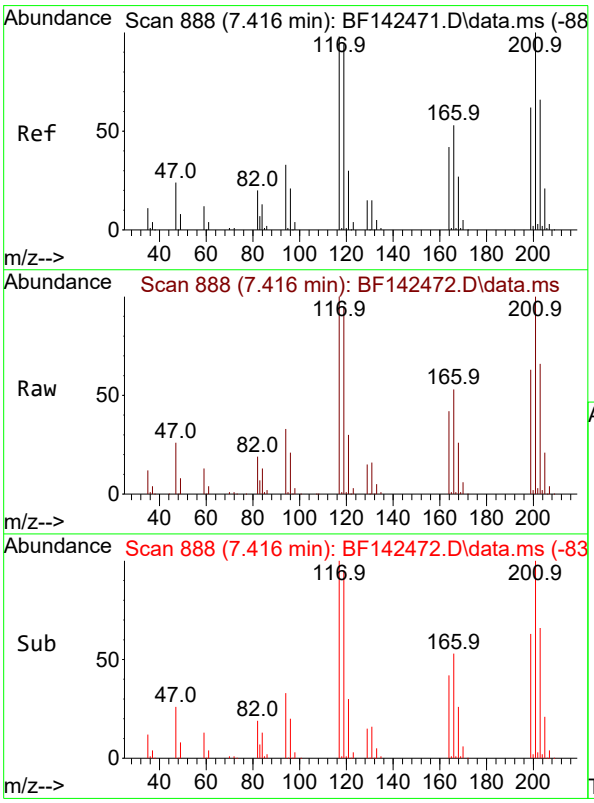
#17
2-Methylphenol
Concen: 52.141 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

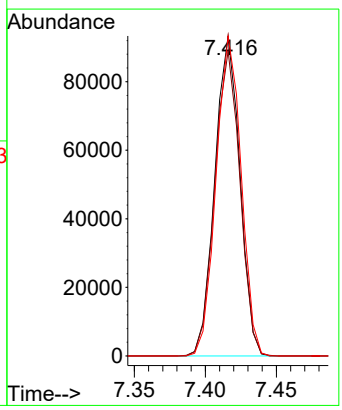


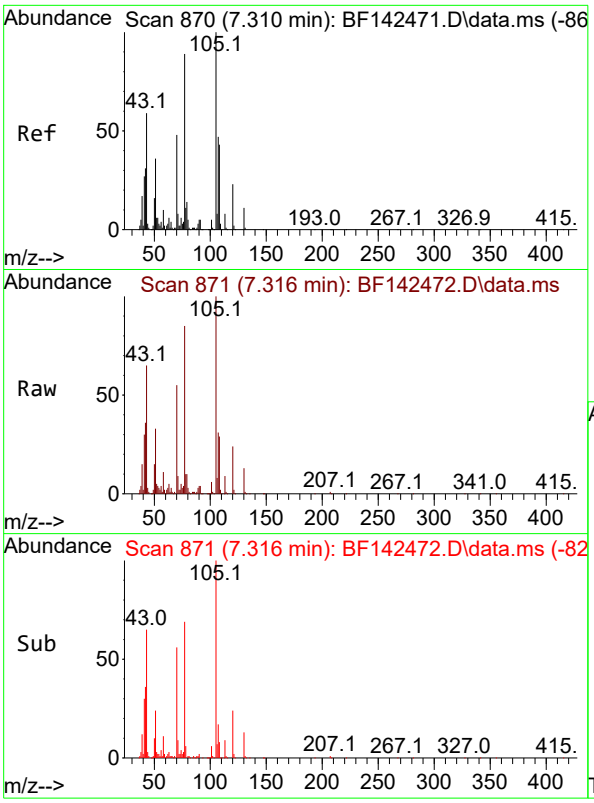


#18
Hexachloroethane
Concen: 52.159 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



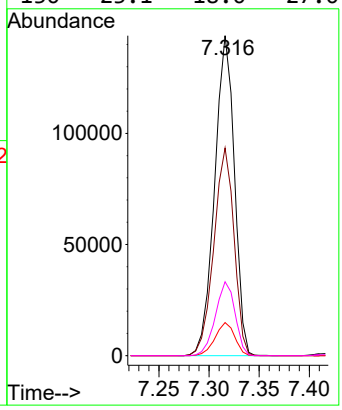


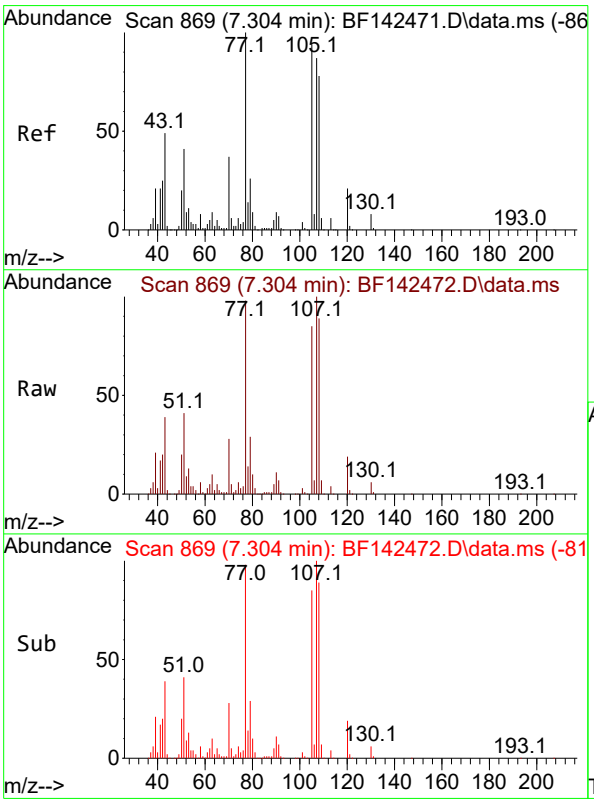
#19
n-Nitroso-di-n-propylamine
Concen: 51.498 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

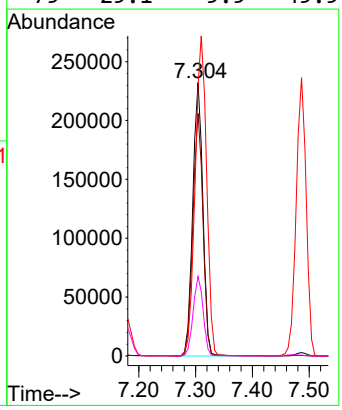


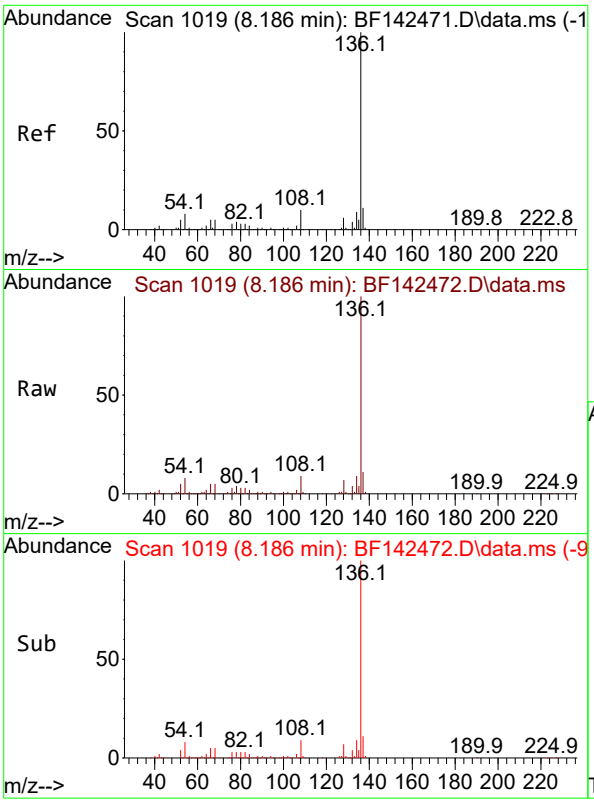


#20
3+4-Methylphenols
Concen: 51.719 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



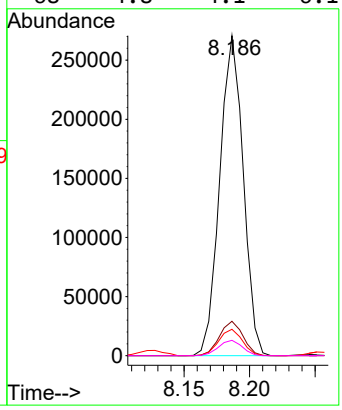


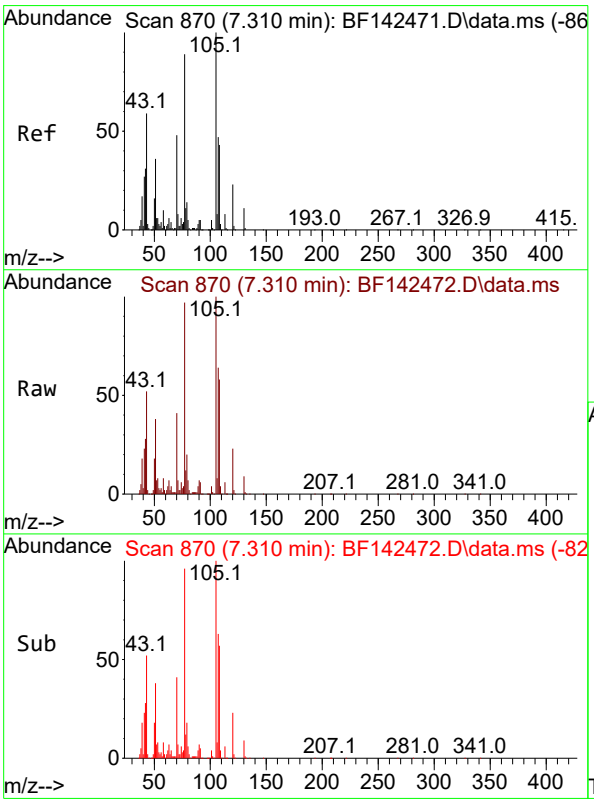
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

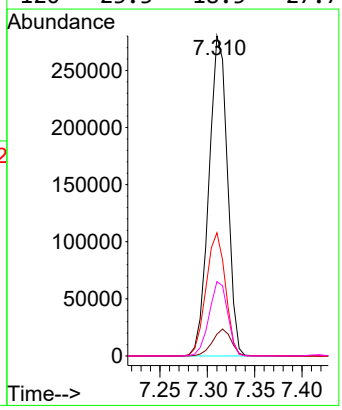


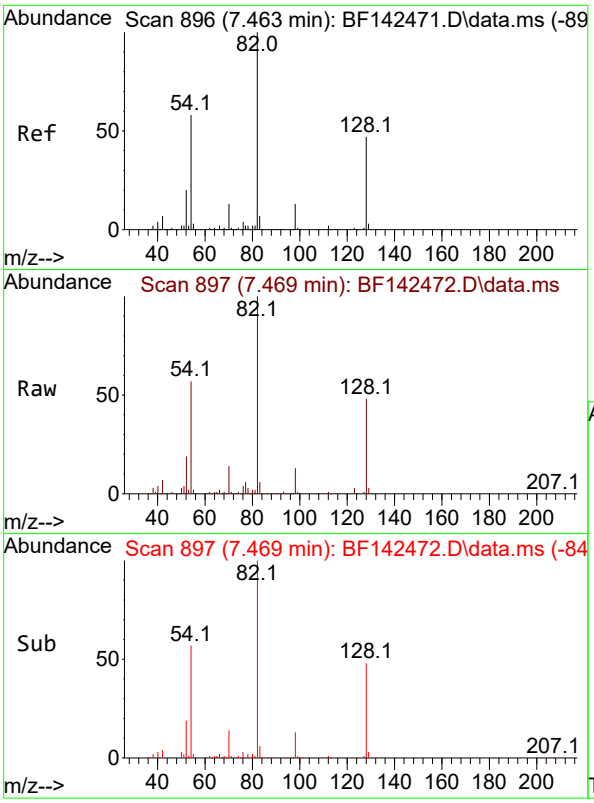


#22
Acetophenone
Concen: 50.992 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



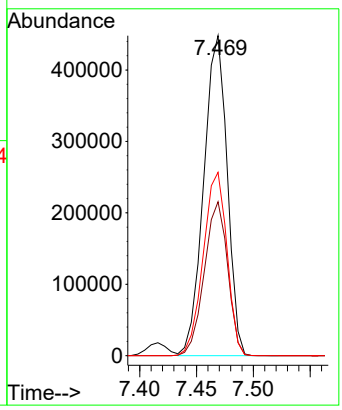


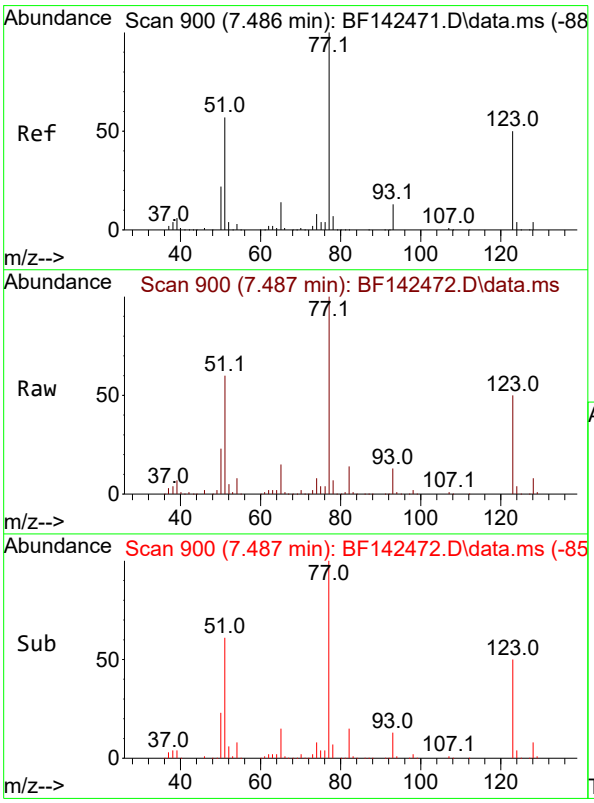
#23
Nitrobenzene-d5
Concen: 104.135 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

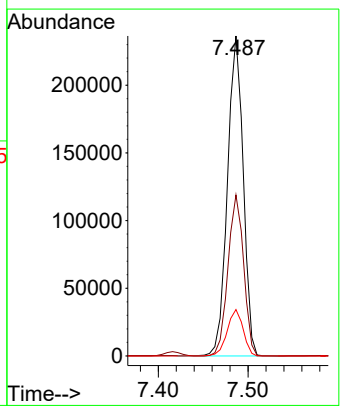


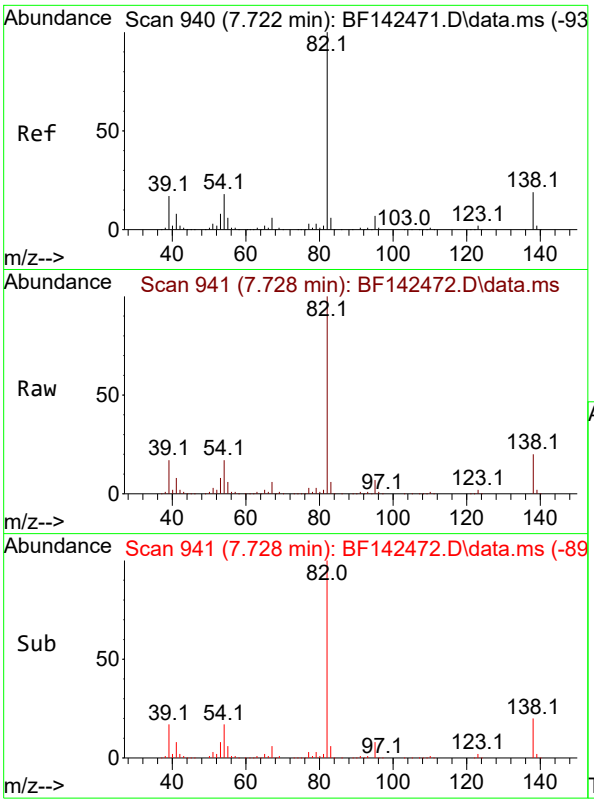


#24
Nitrobenzene
Concen: 51.834 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



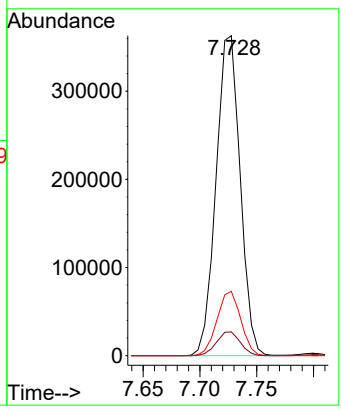


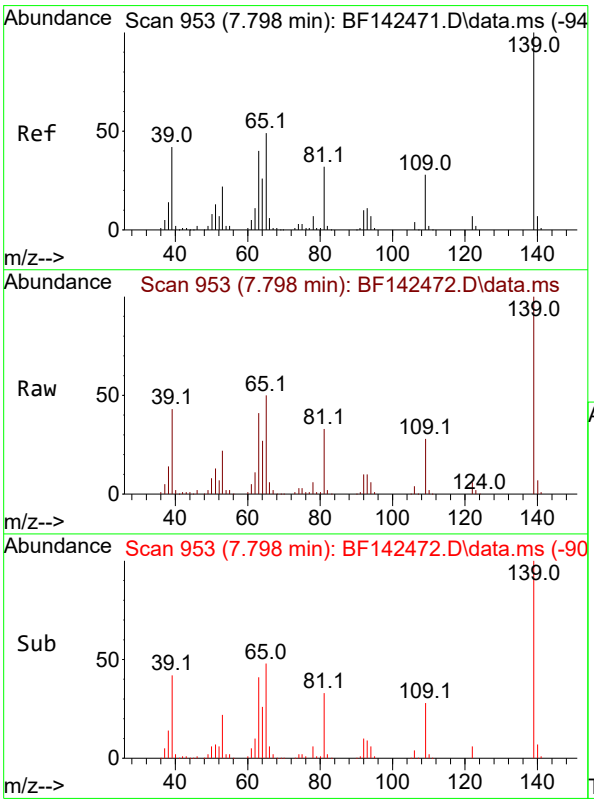
#25
Isophorone
Concen: 51.985 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

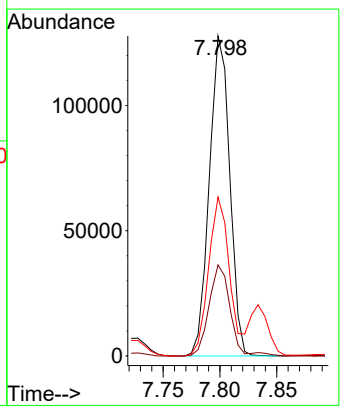


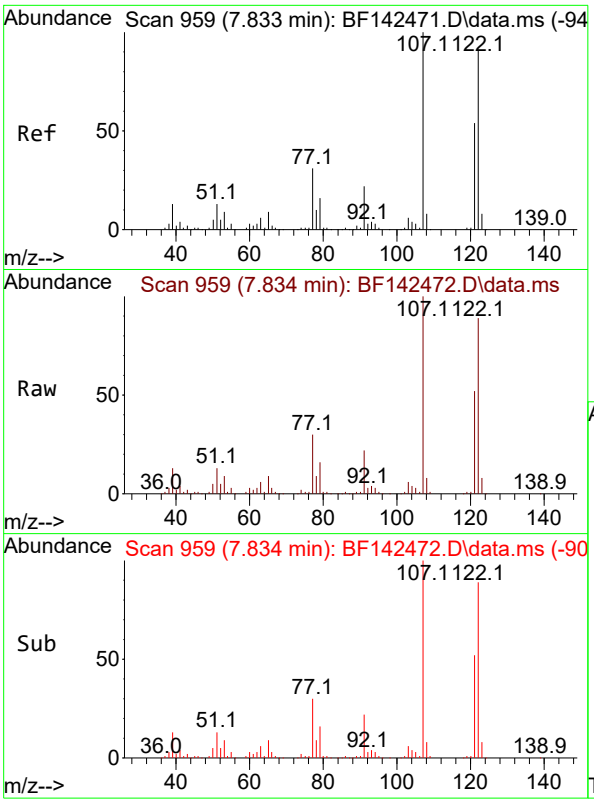


#26
2-Nitrophenol
Concen: 53.679 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



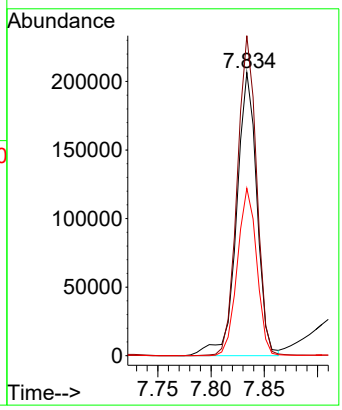


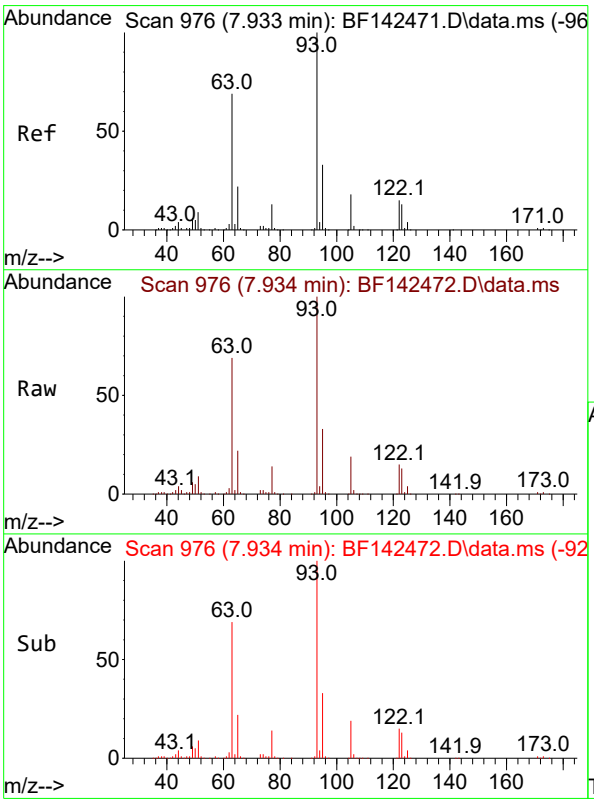
#27
2,4-Dimethylphenol
Concen: 52.123 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

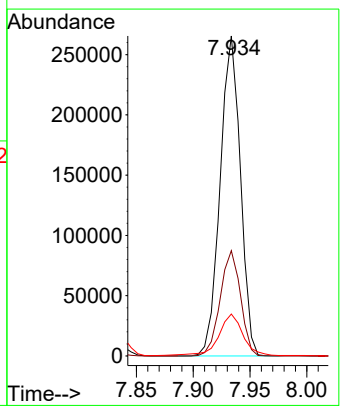


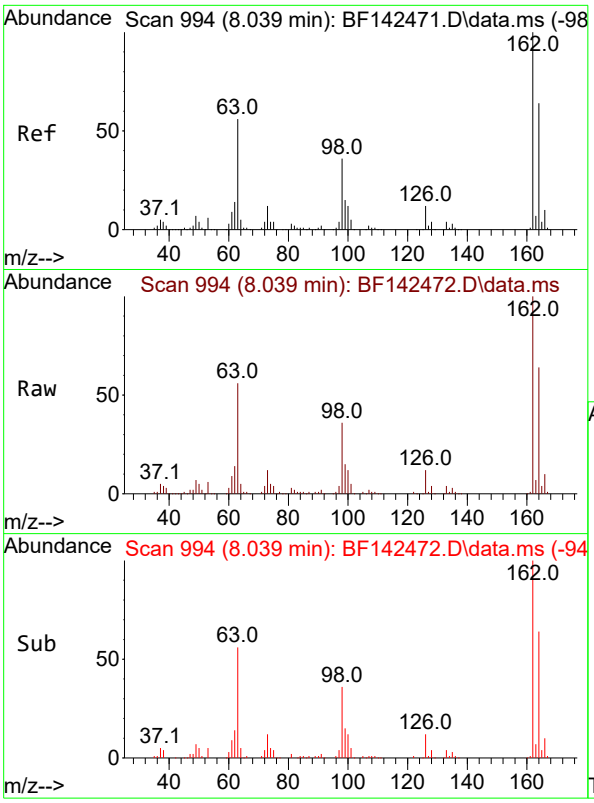


#28
bis(2-Chloroethoxy)methane
Concen: 51.041 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



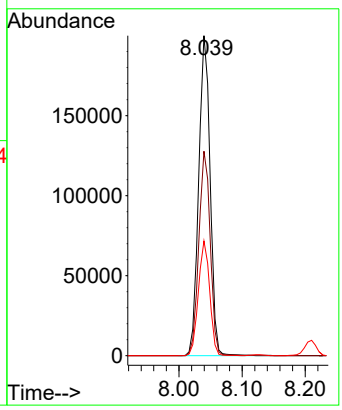


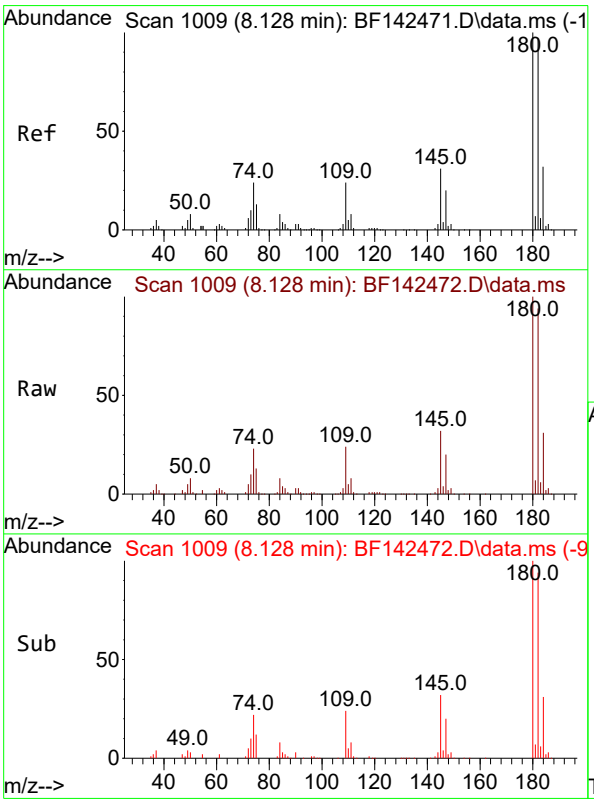
#29
2,4-Dichlorophenol
Concen: 52.840 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

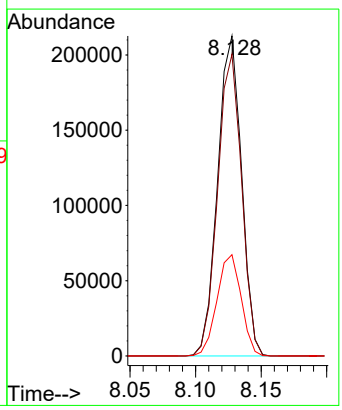


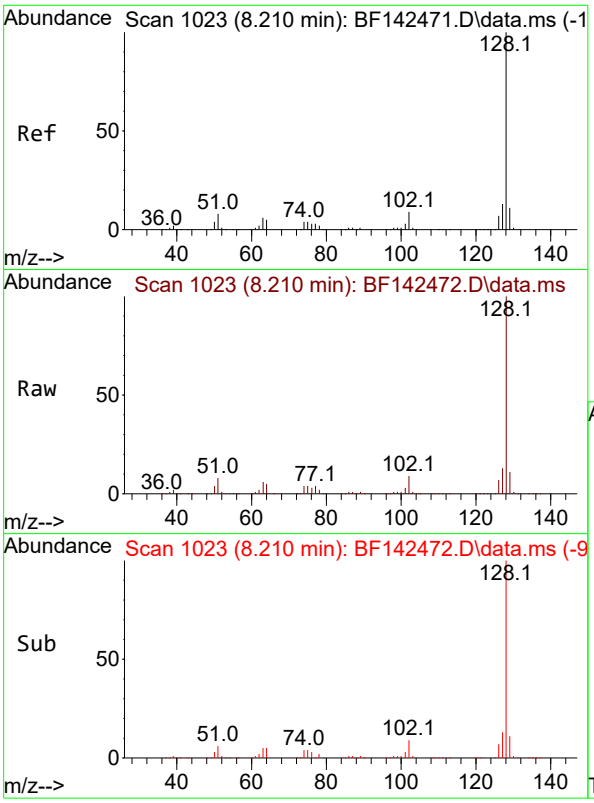


#30
1,2,4-Trichlorobenzene
Concen: 51.934 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



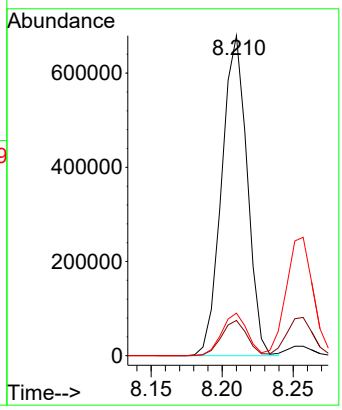


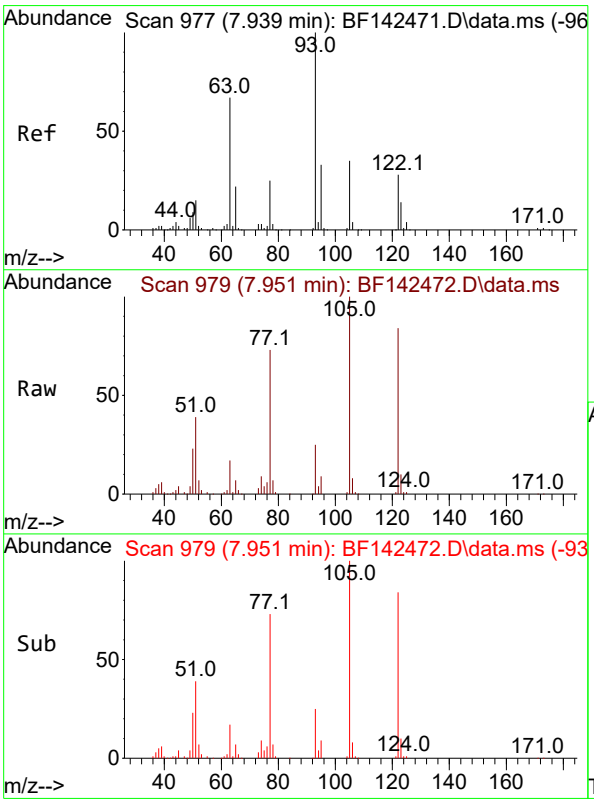
#31
Naphthalene
Concen: 51.109 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

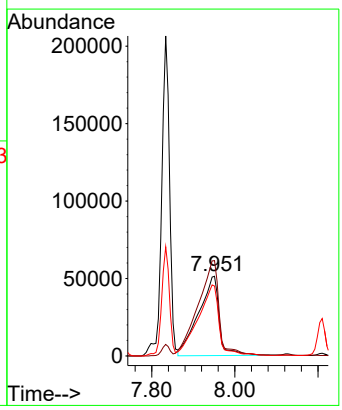


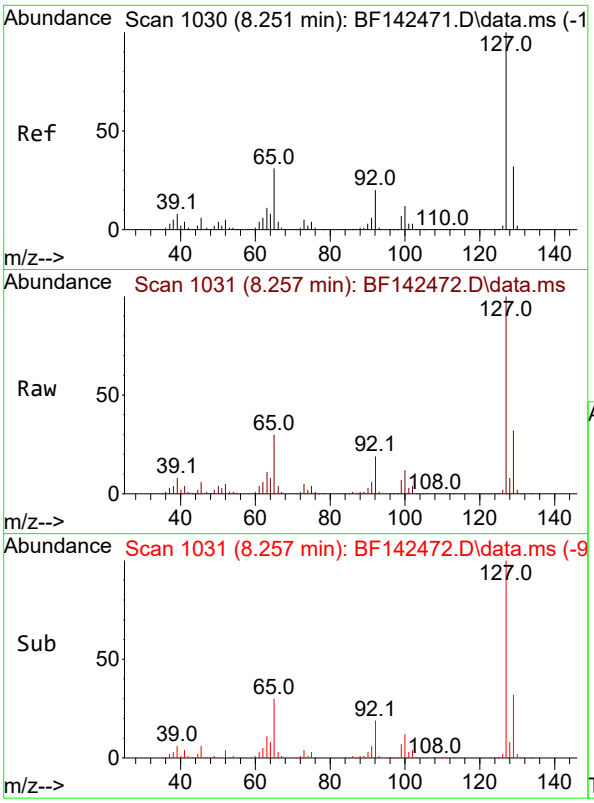


#32
Benzoic acid
Concen: 55.512 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



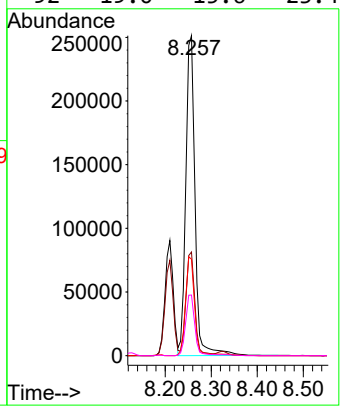


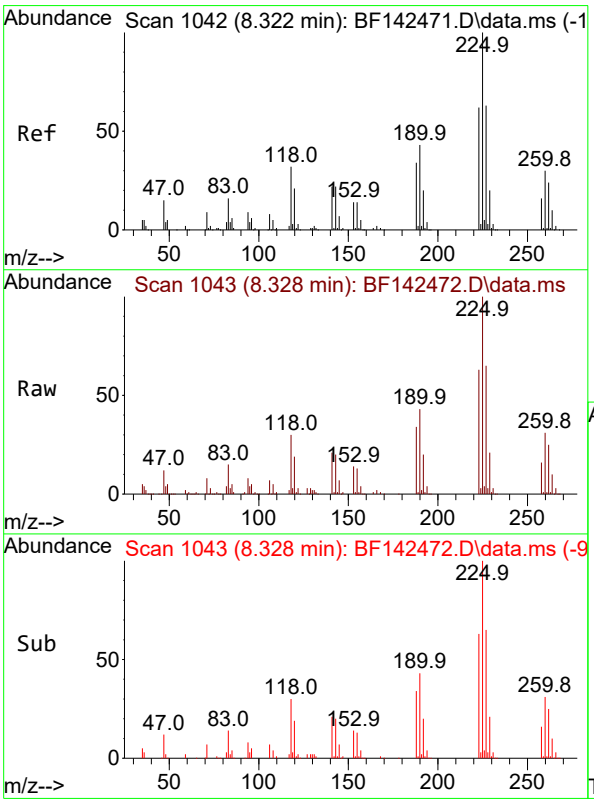
#33
4-Chloroaniline
Concen: 52.037 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

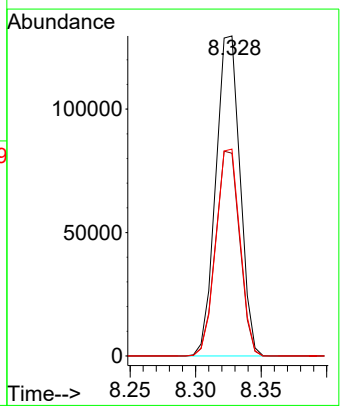


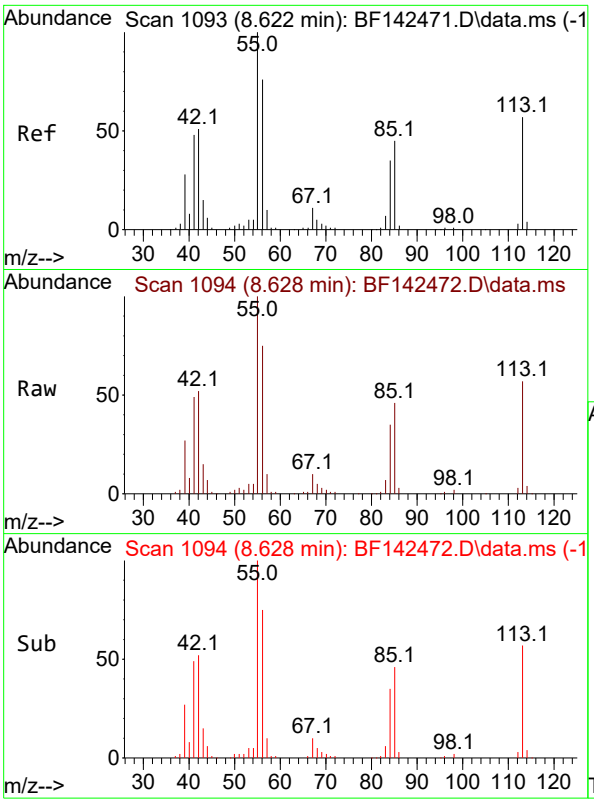


#34
Hexachlorobutadiene
Concen: 51.428 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



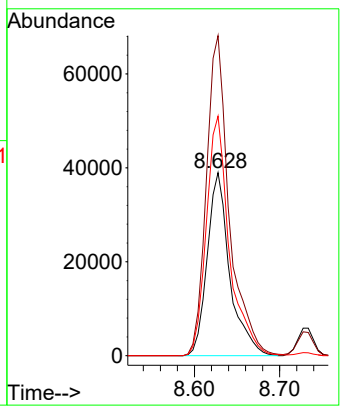


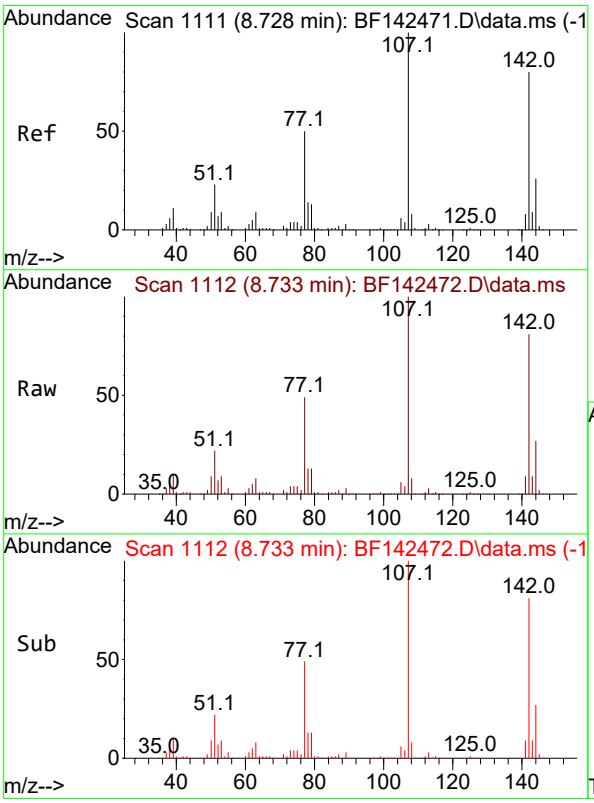
#35
Caprolactam
Concen: 53.297 ng
RT: 8.628 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

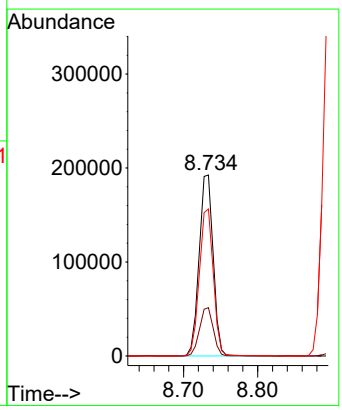


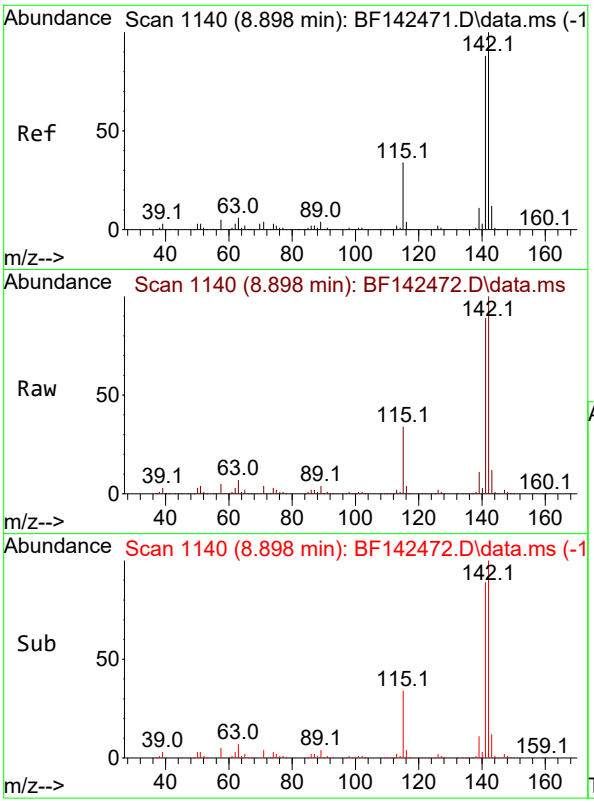


#36
4-Chloro-3-methylphenol
Concen: 51.862 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



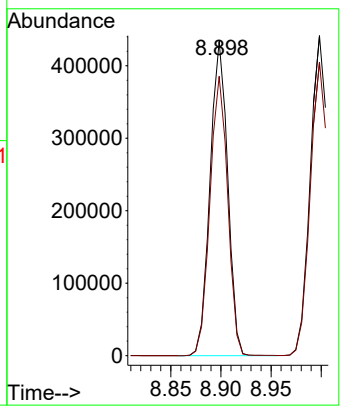


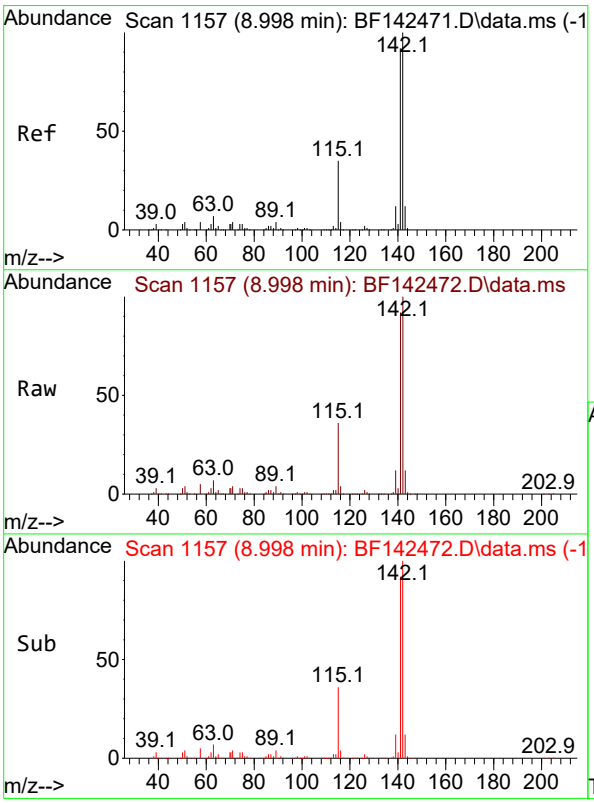
#37
2-Methylnaphthalene
Concen: 50.907 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 531122

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1

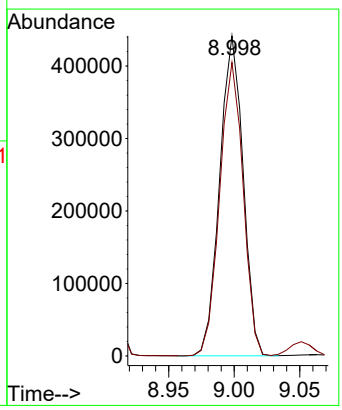


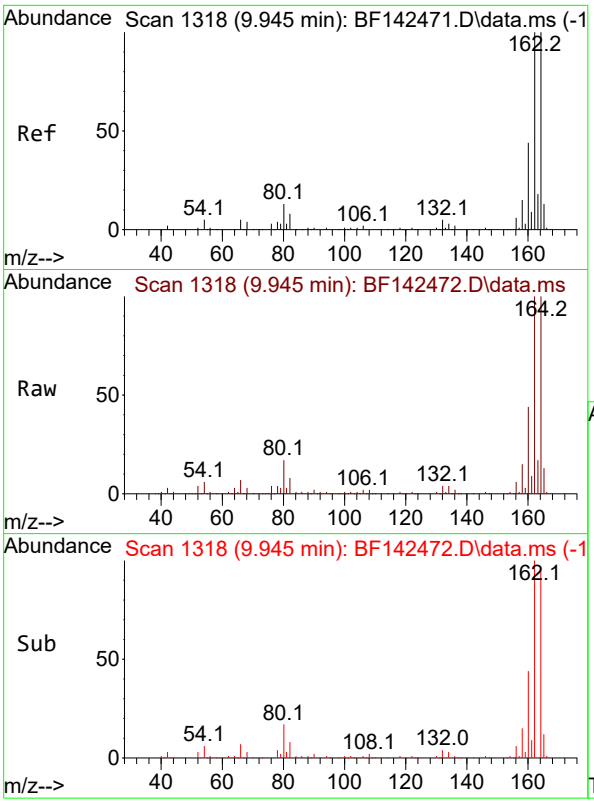


#38
1-Methylnaphthalene
Concen: 50.711 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:142 Resp: 547258

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2



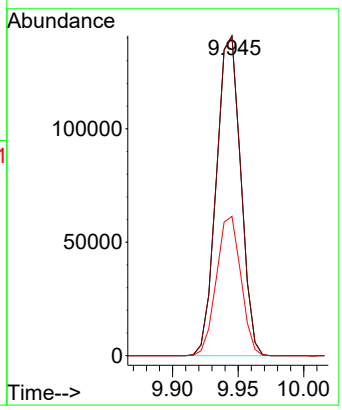


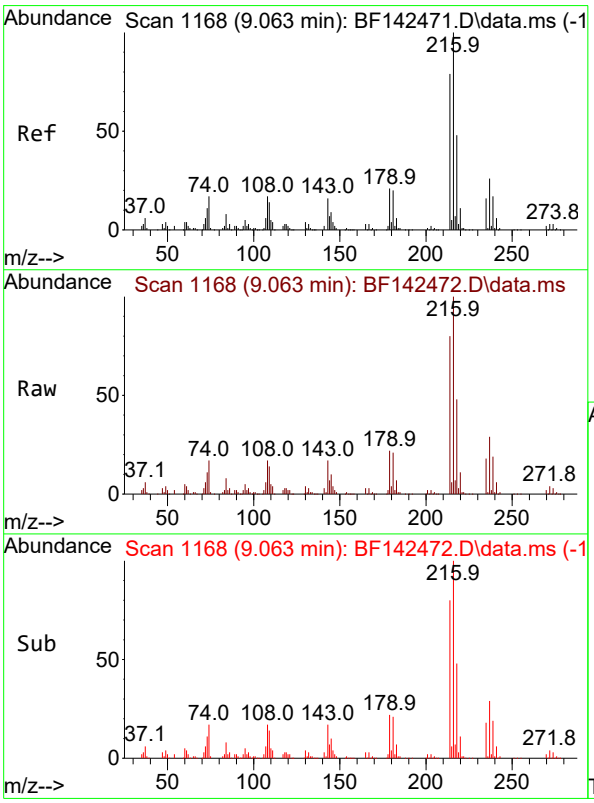
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

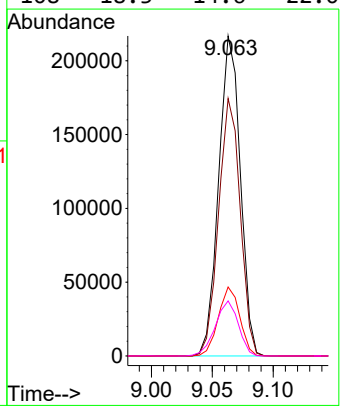


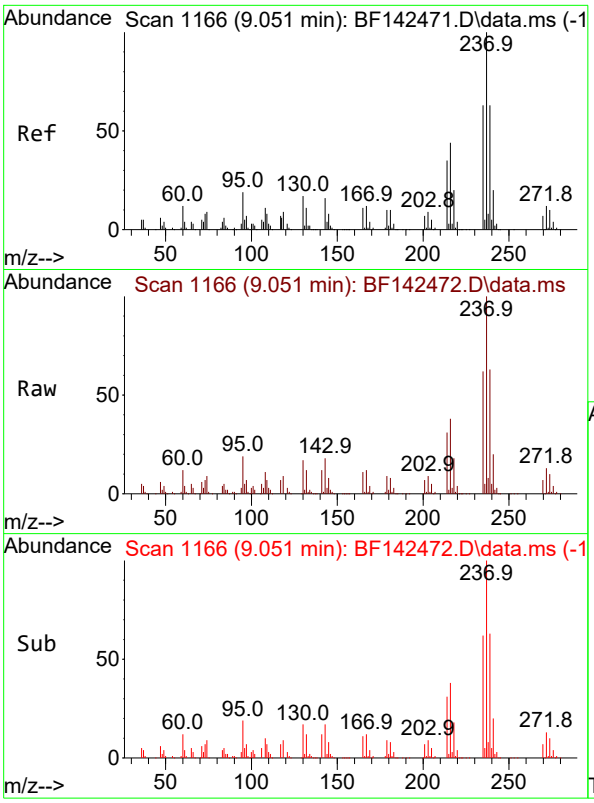


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.543 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



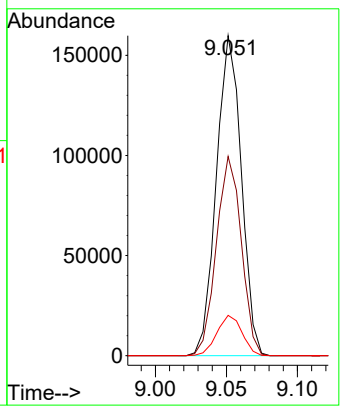


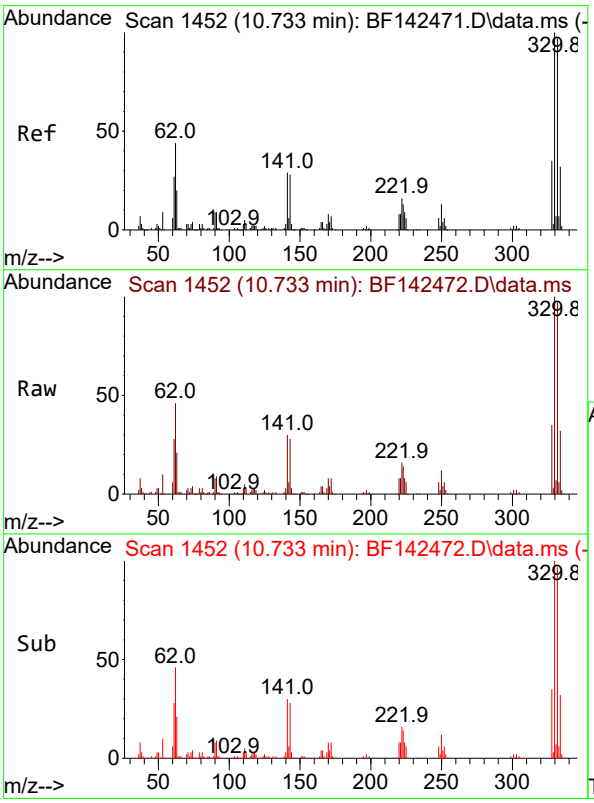
#41
Hexachlorocyclopentadiene
Concen: 55.532 ng
RT: 9.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

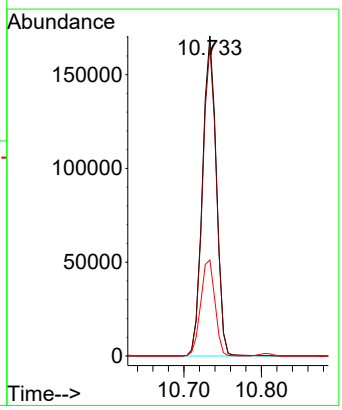


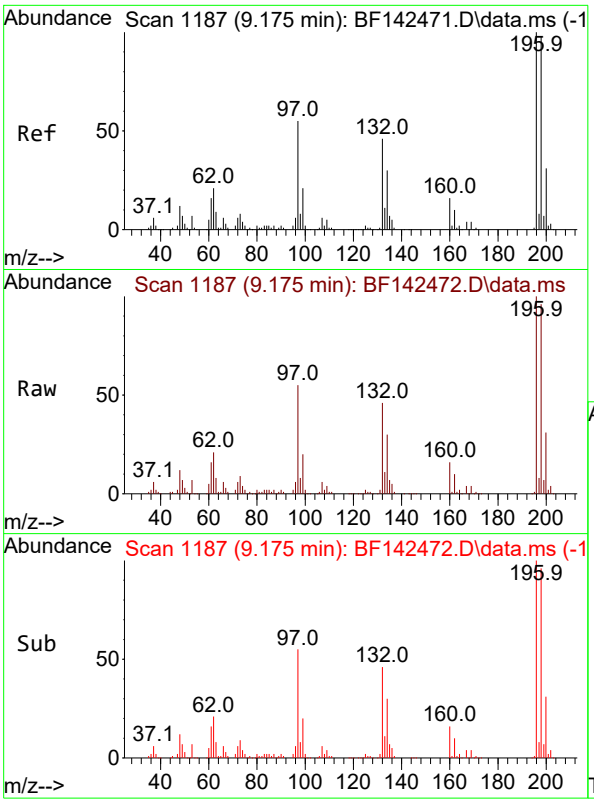


#42
2,4,6-Tribromophenol
Concen: 104.956 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



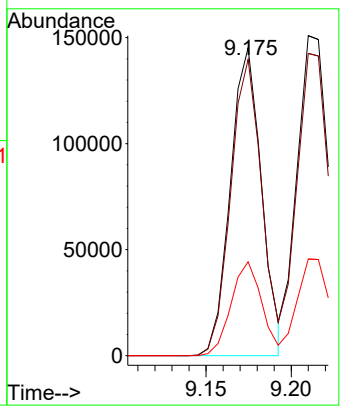


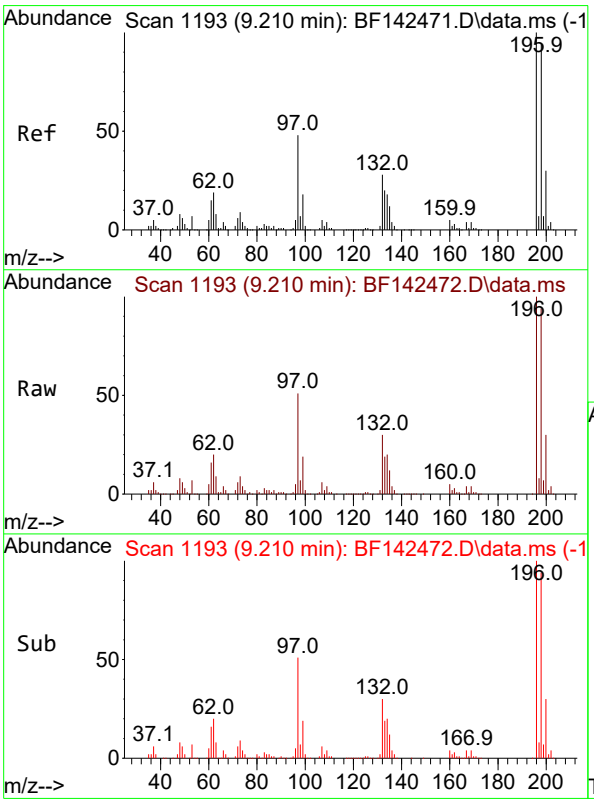
#43
2,4,6-Trichlorophenol
Concen: 52.421 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

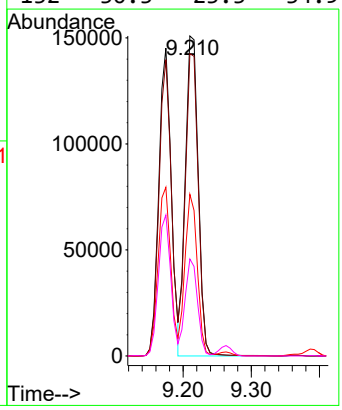


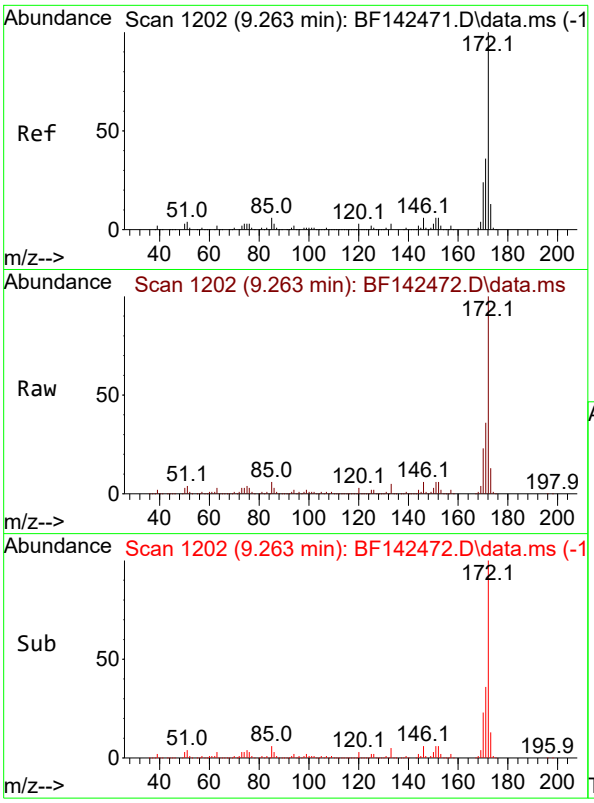


#44
2,4,5-Trichlorophenol
Concen: 53.537 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



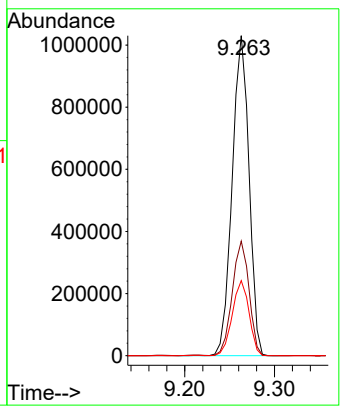


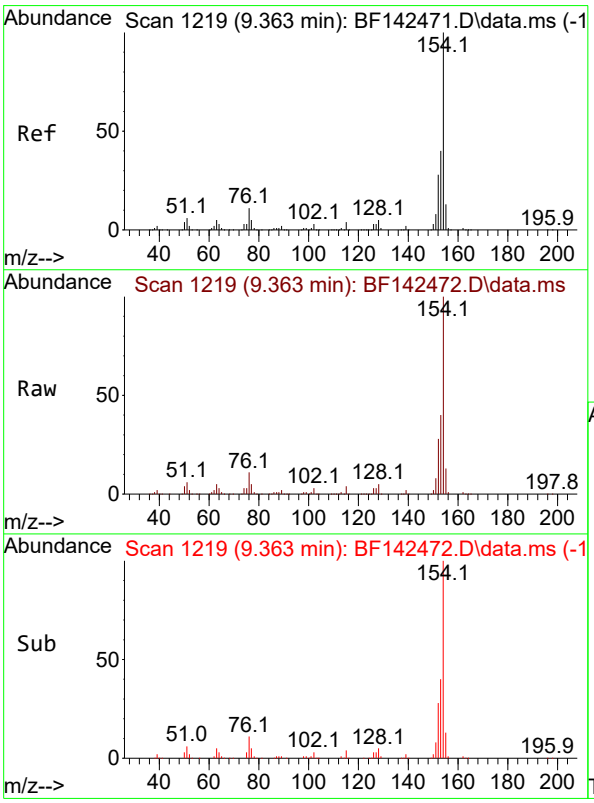
#45
2-Fluorobiphenyl
Concen: 99.269 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

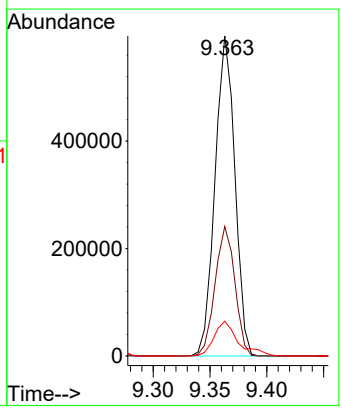


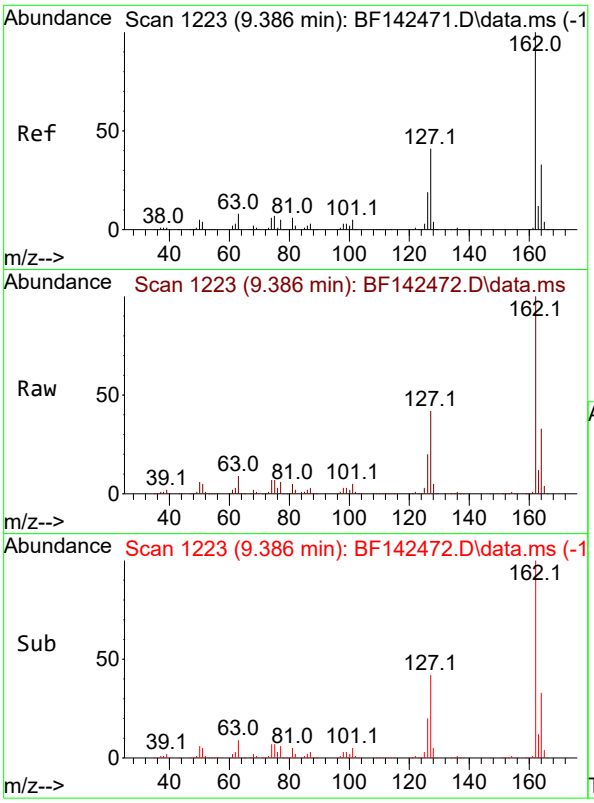


#46
1,1'-Biphenyl
Concen: 51.405 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



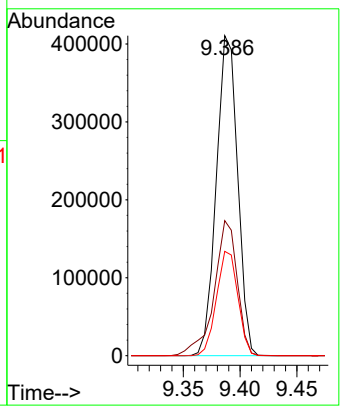


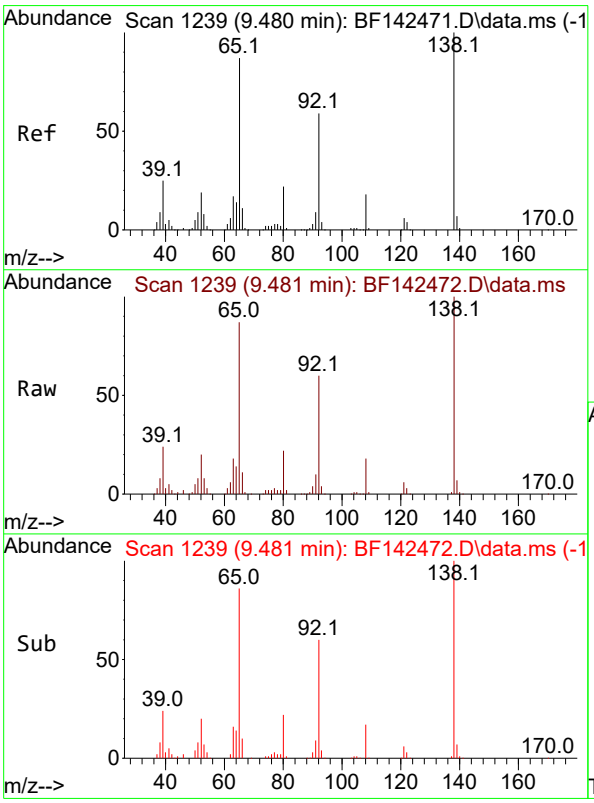
#47
2-Chloronaphthalene
Concen: 51.583 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

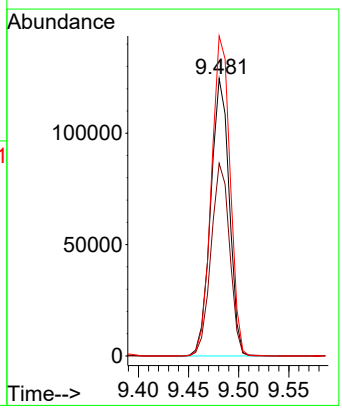


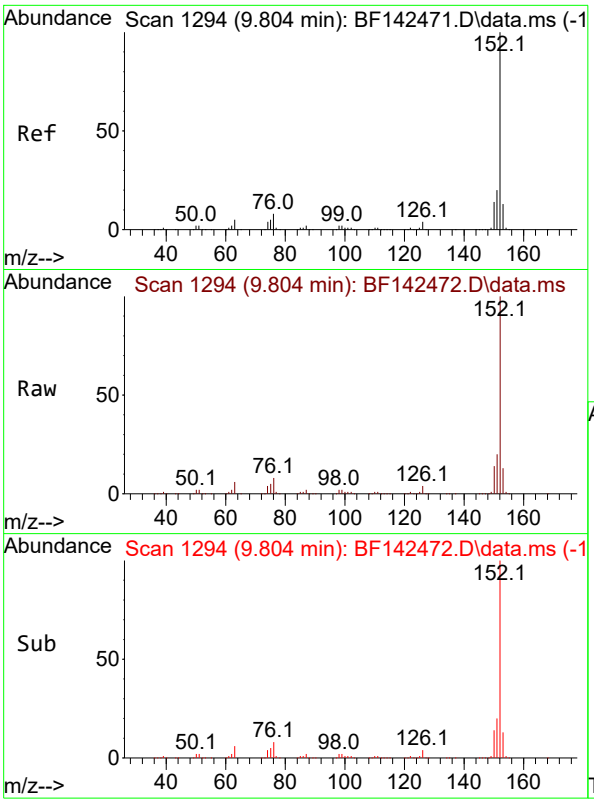


#48
2-Nitroaniline
Concen: 53.410 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



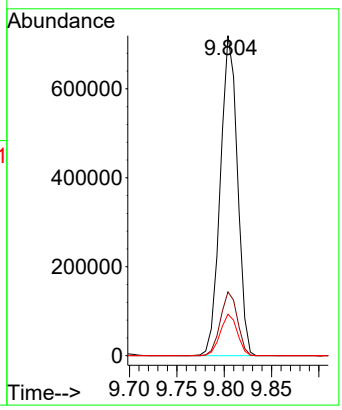


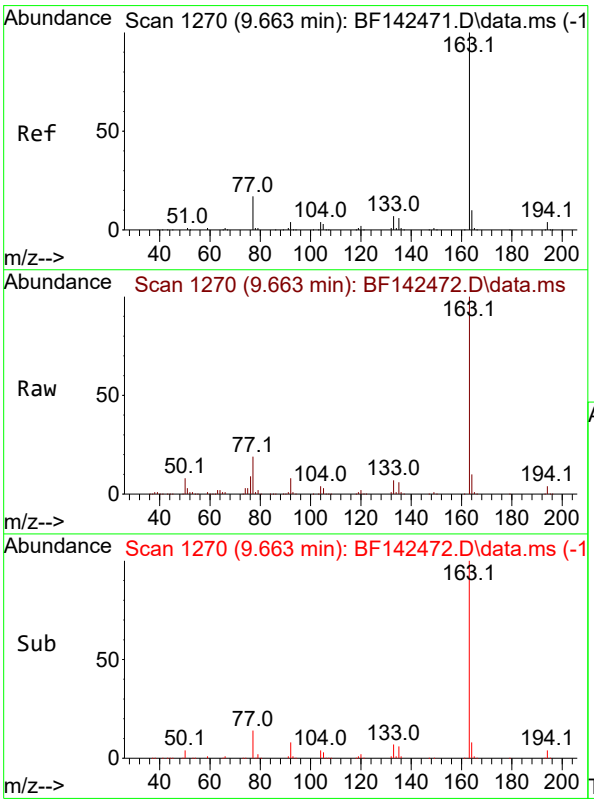
#49
Acenaphthylene
Concen: 51.602 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

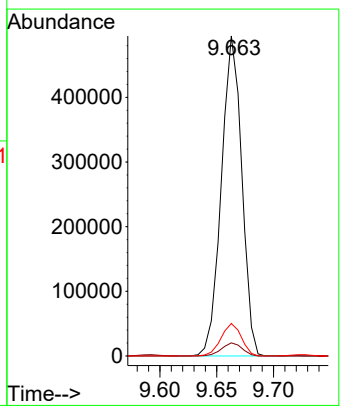


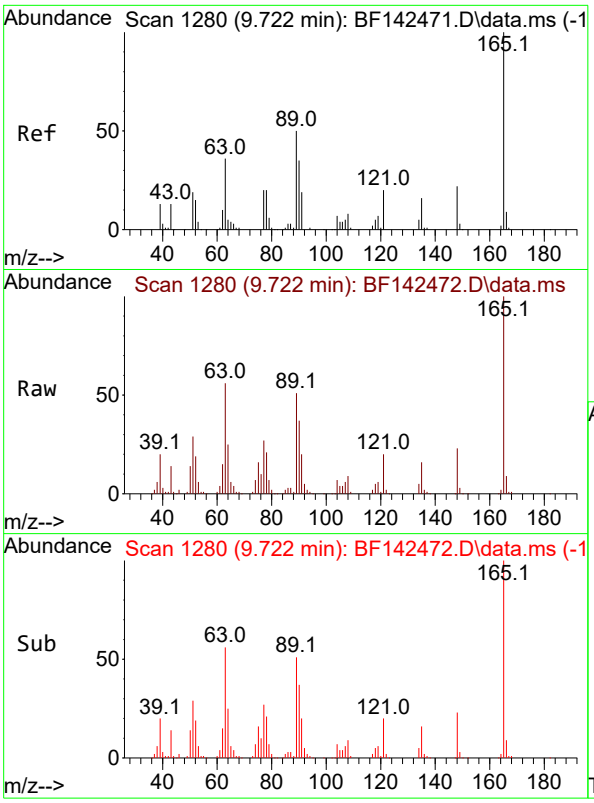


#50
Dimethylphthalate
Concen: 51.764 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



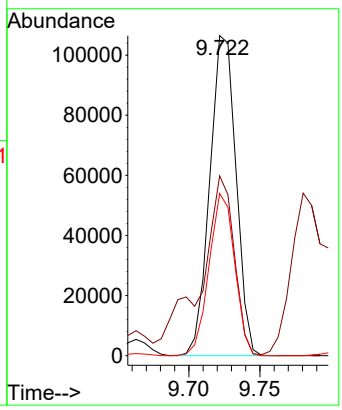


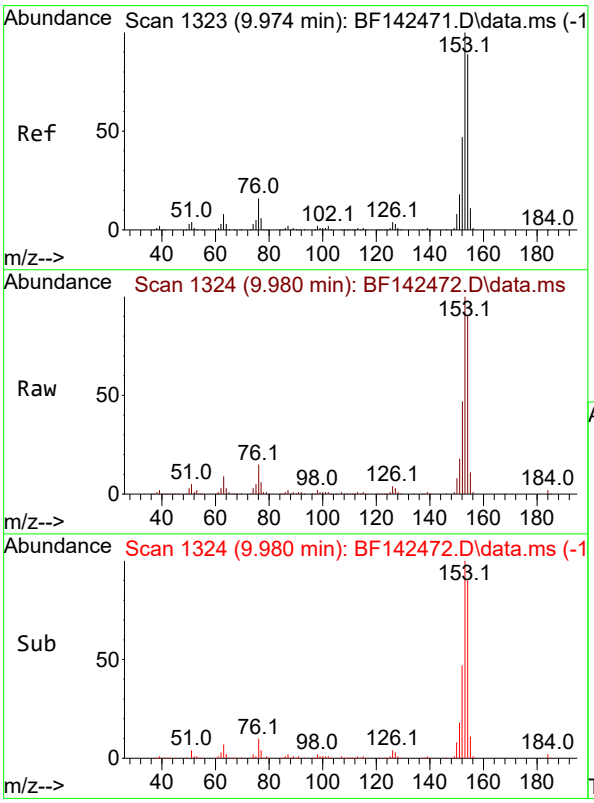
#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

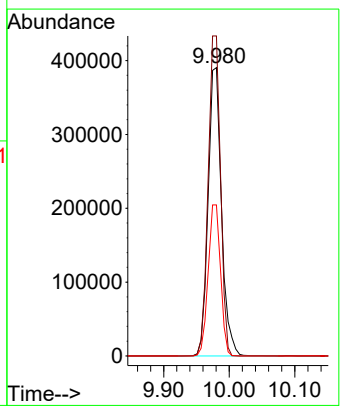


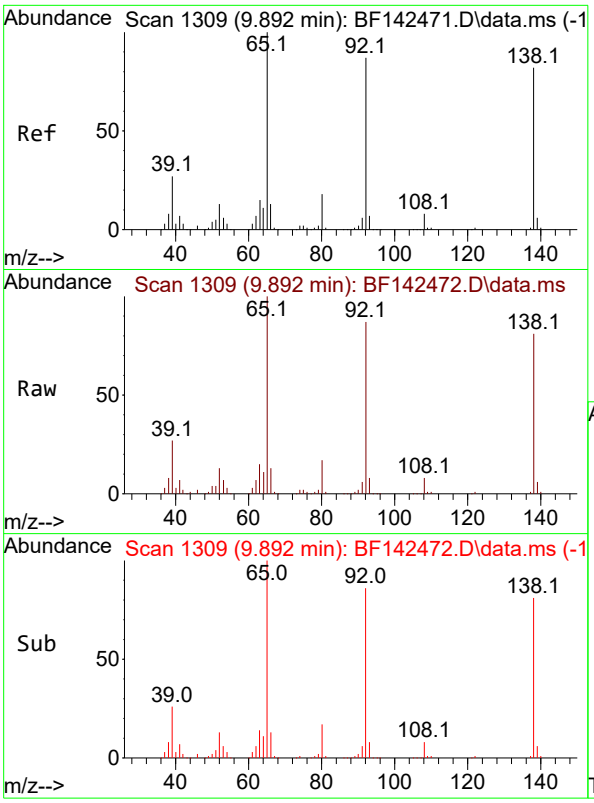


#52
Acenaphthene
Concen: 51.742 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



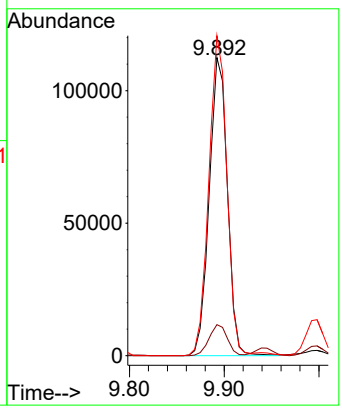


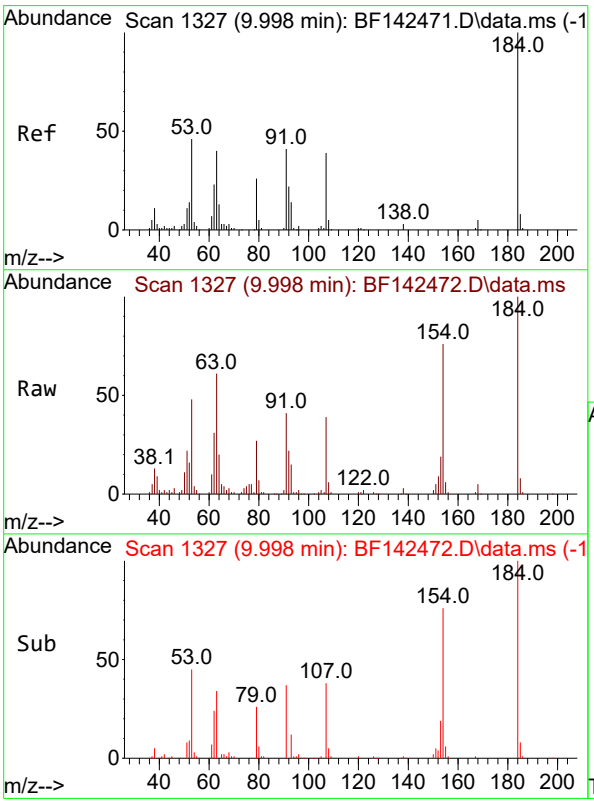
#53
3-Nitroaniline
Concen: 53.082 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

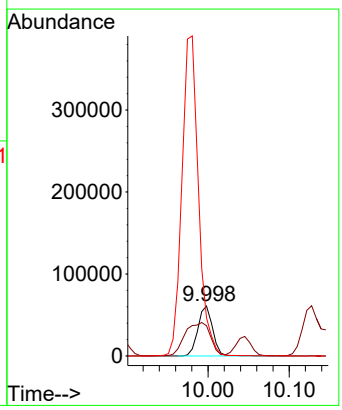


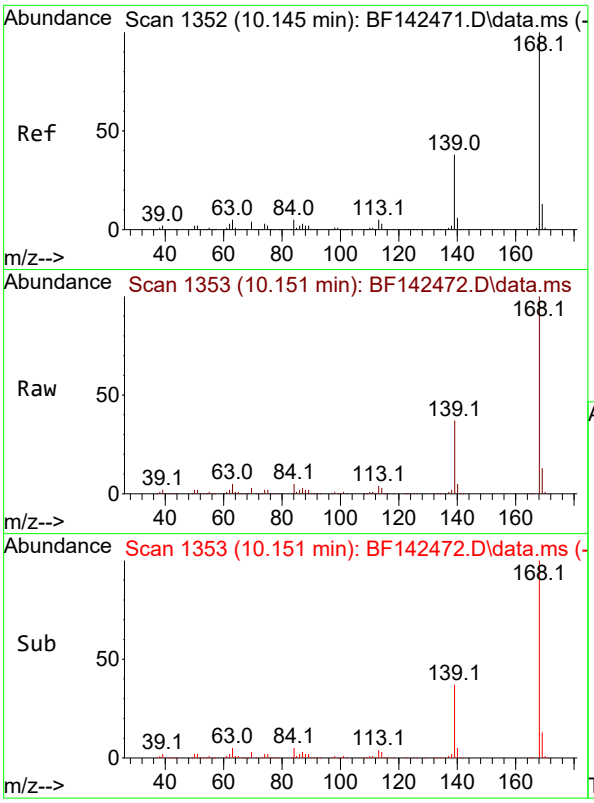


#54
2,4-Dinitrophenol
Concen: 57.487 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



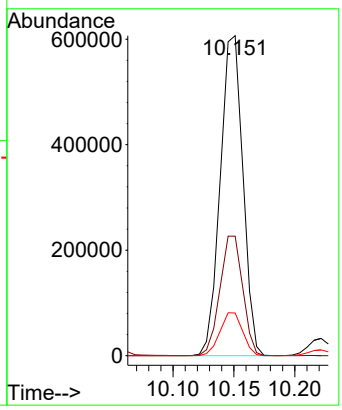


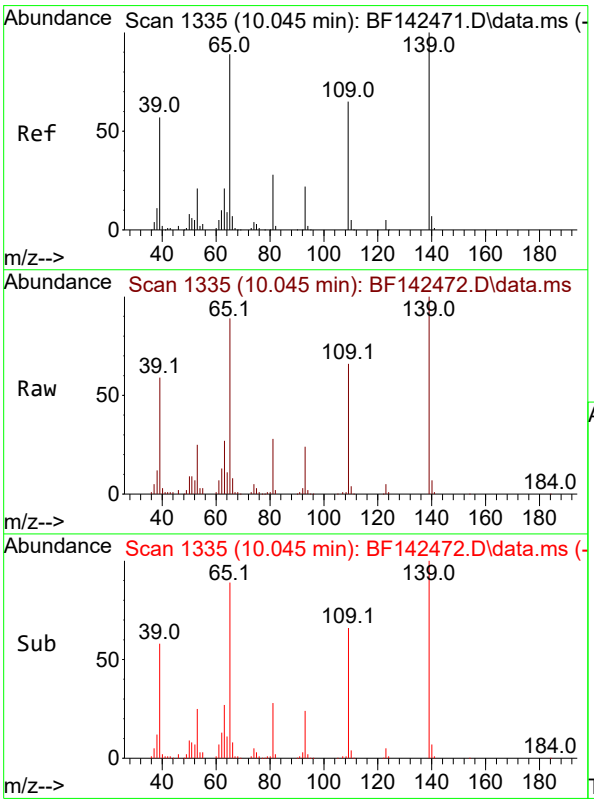
#55
Dibenzofuran
Concen: 51.038 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

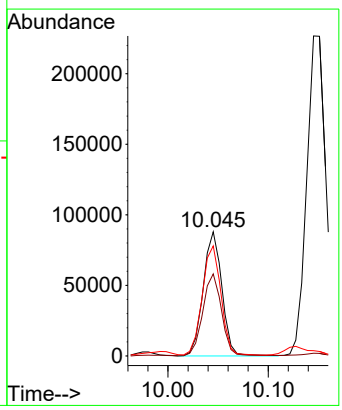


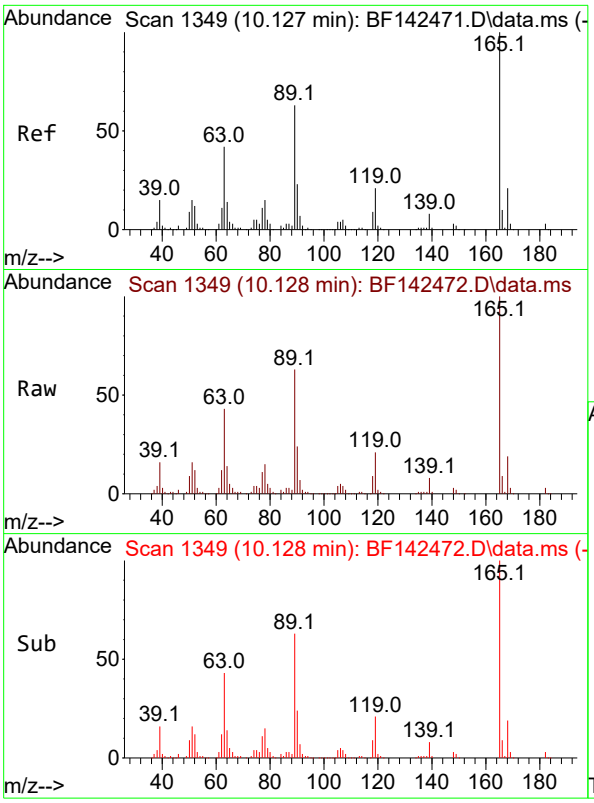


#56
4-Nitrophenol
Concen: 54.849 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



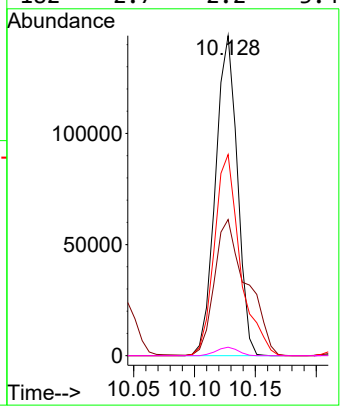


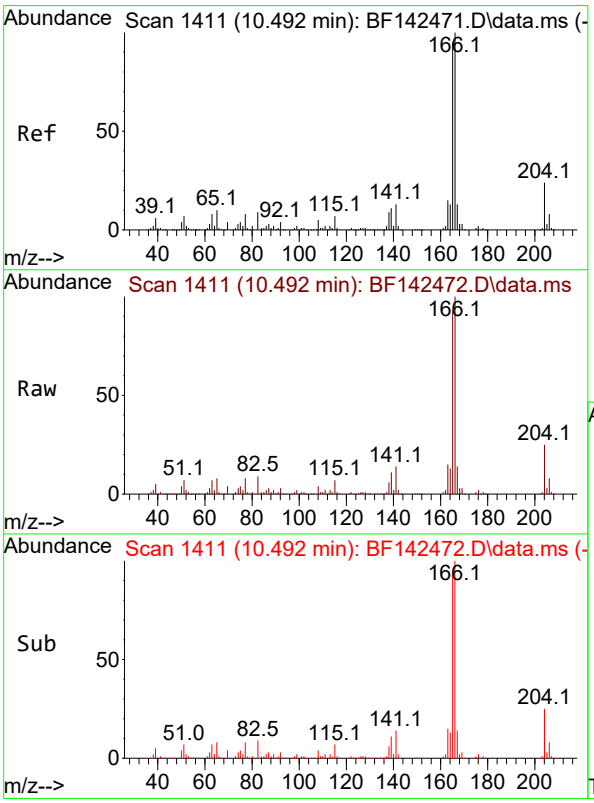
#57
2,4-Dinitrotoluene
Concen: 53.473 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

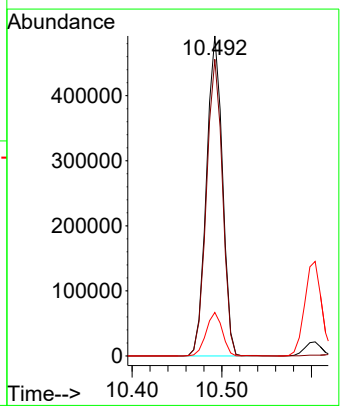


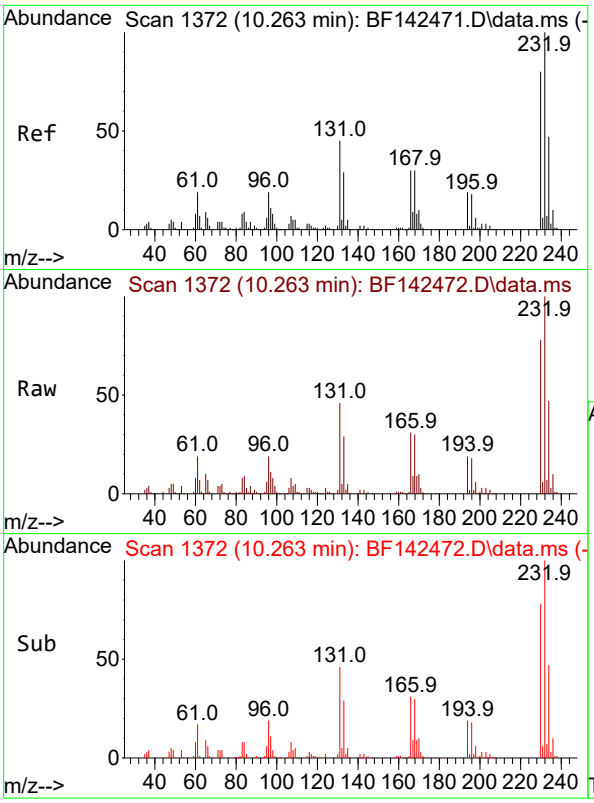


#58
Fluorene
Concen: 51.090 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



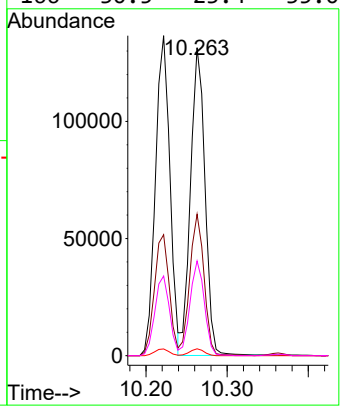


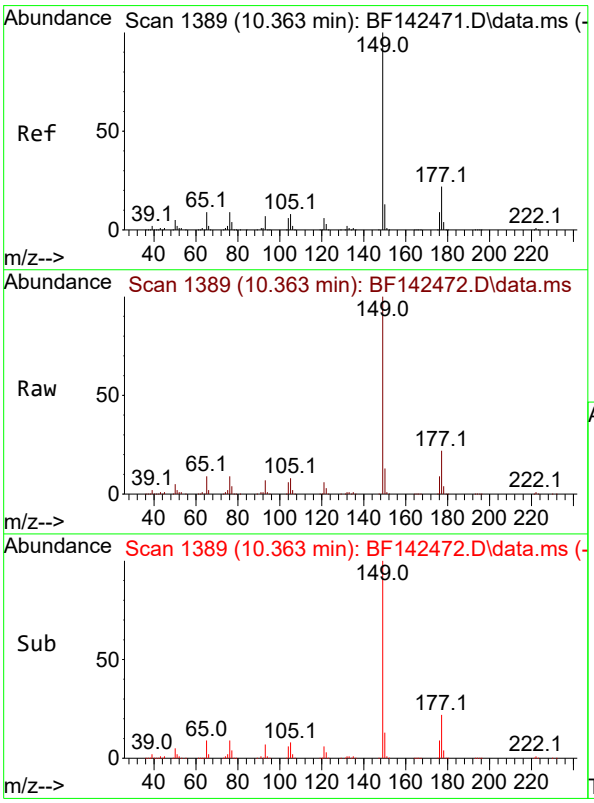
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.897 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

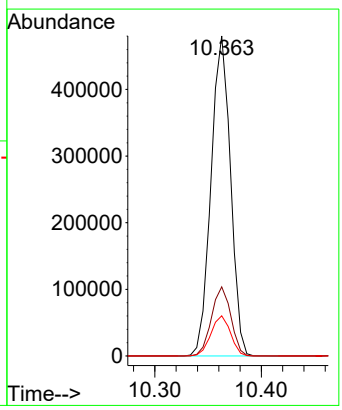


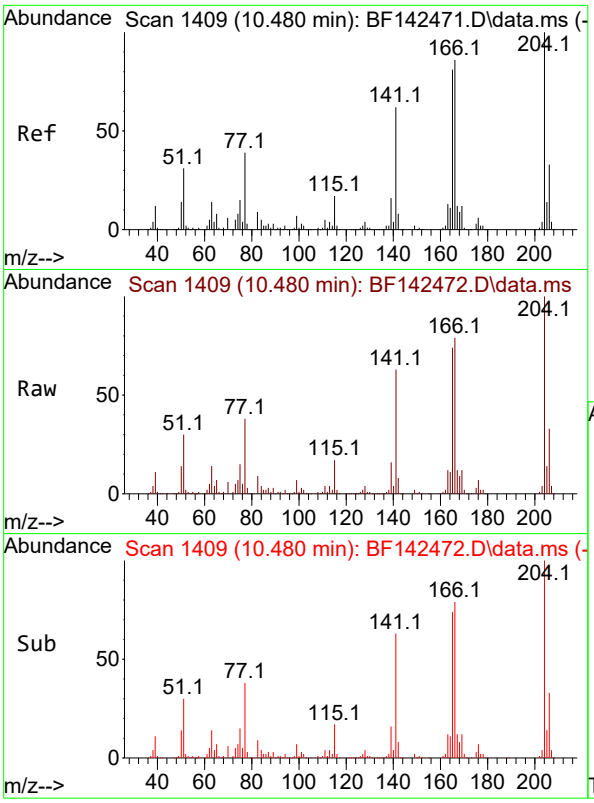


#60
Diethylphthalate
Concen: 52.089 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



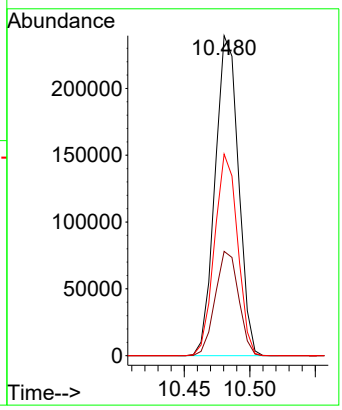


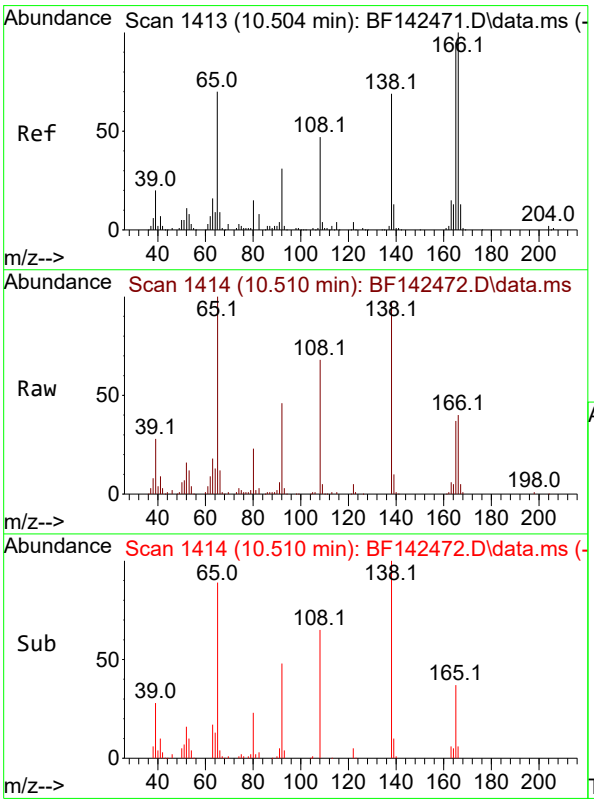
#61
4-Chlorophenyl-phenylether
Concen: 50.597 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

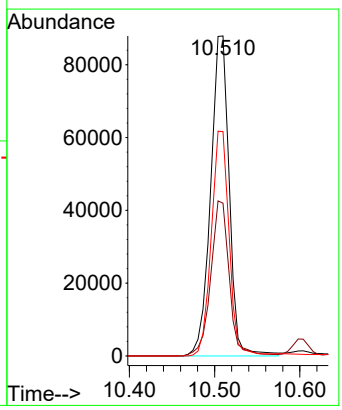


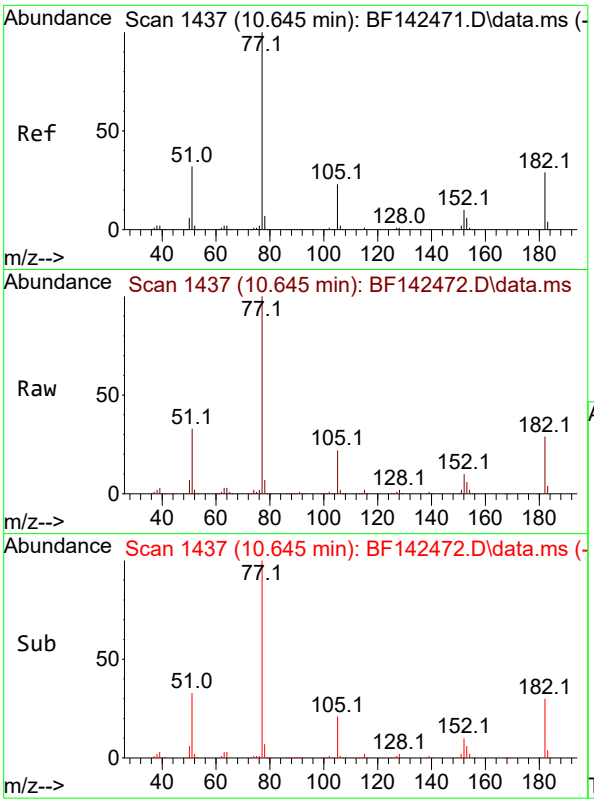


#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



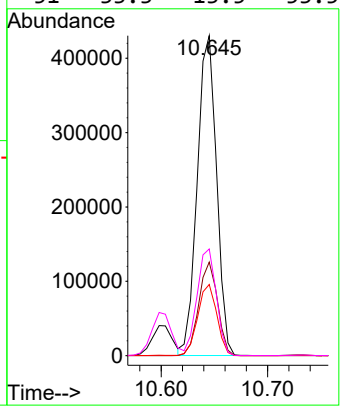


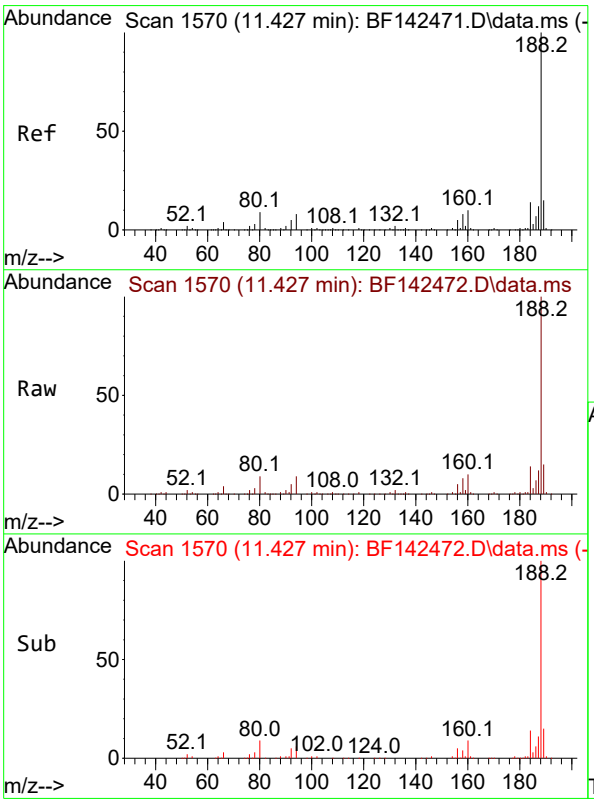
#63
Azobenzene
Concen: 51.703 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

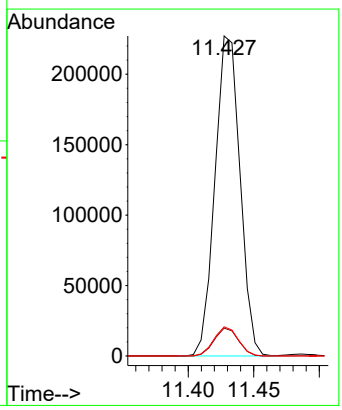


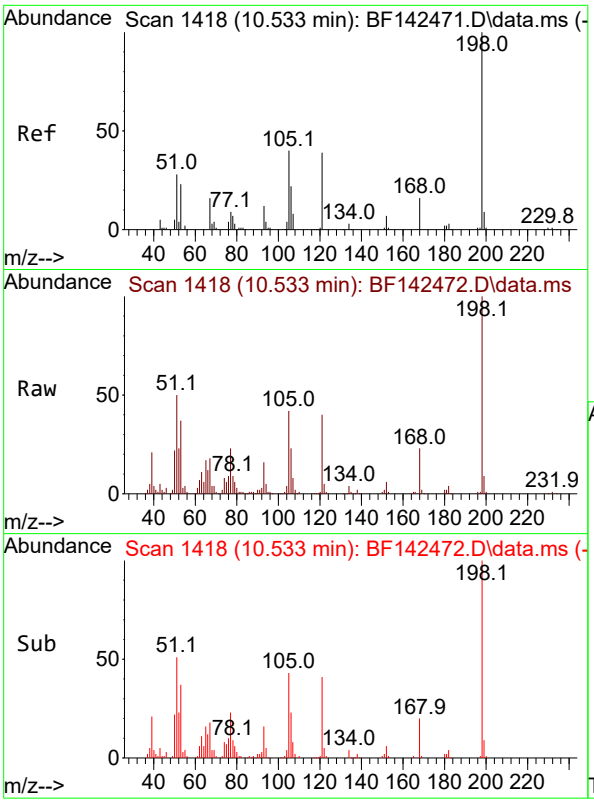


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



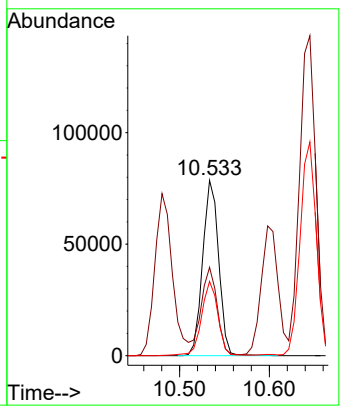


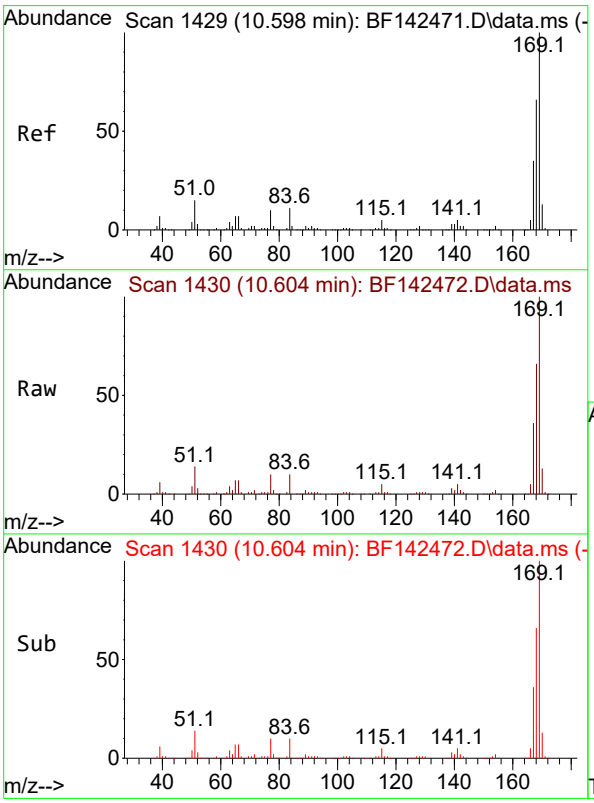
#65
4,6-Dinitro-2-methylphenol
Concen: 57.734 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

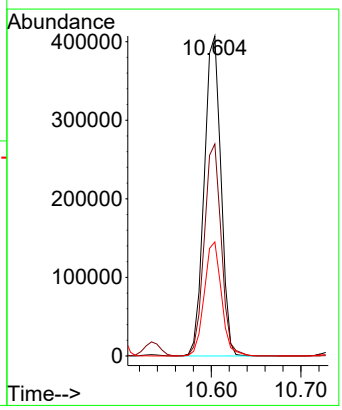


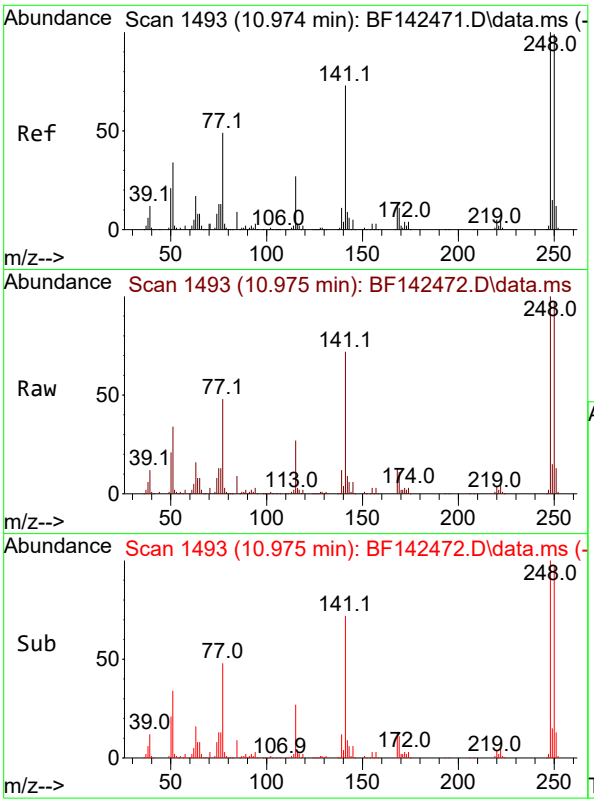


#66
n-Nitrosodiphenylamine
Concen: 50.960 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



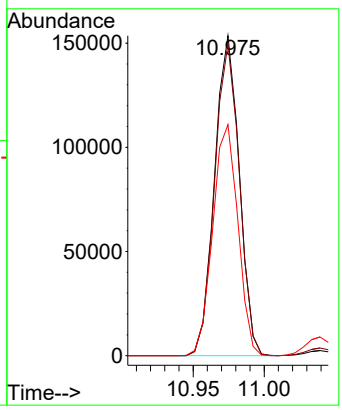


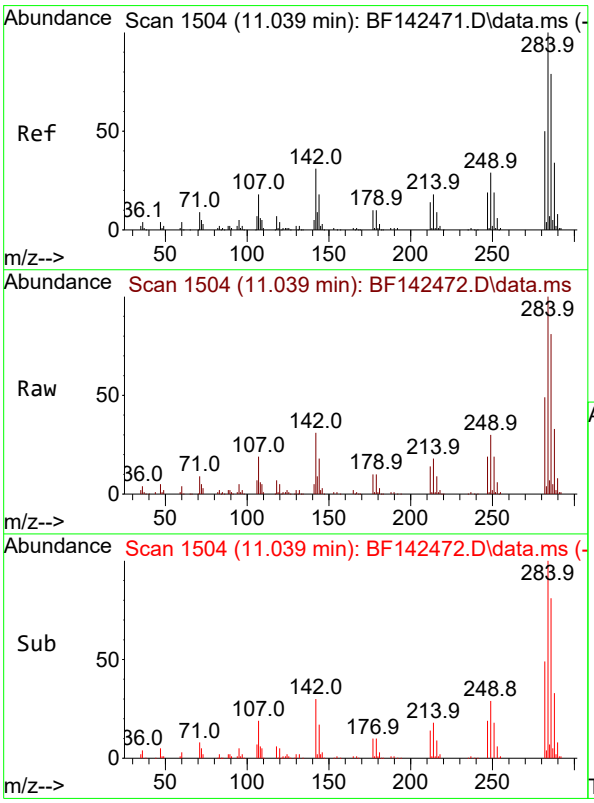
#67
4-Bromophenyl-phenylether
Concen: 52.061 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

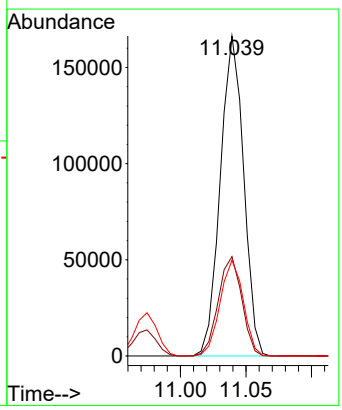


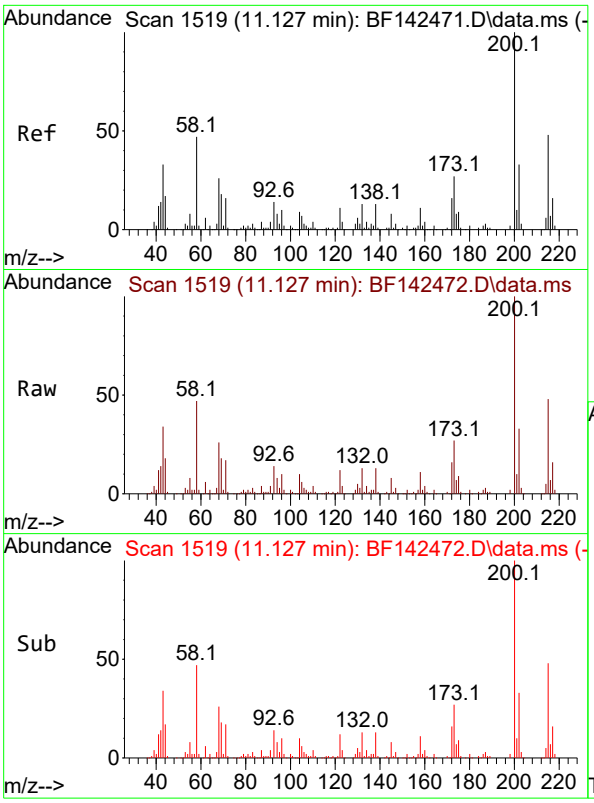


#68
Hexachlorobenzene
Concen: 52.151 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



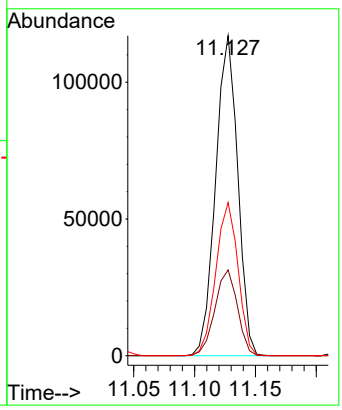


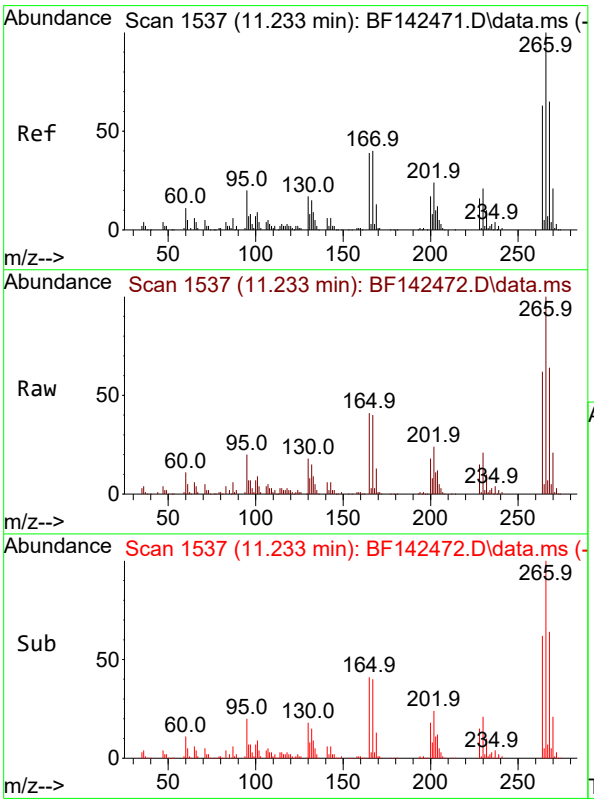
#69
Atrazine
Concen: 53.966 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

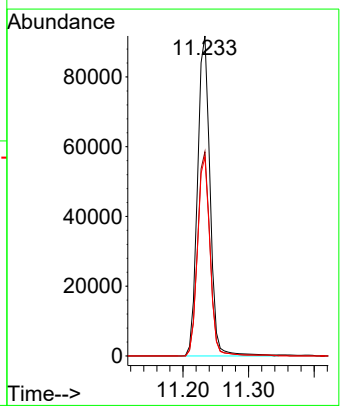


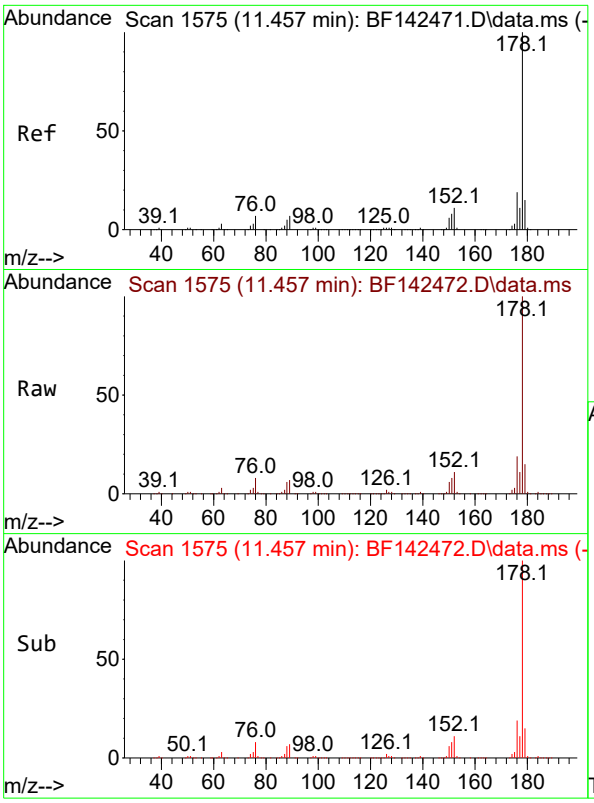


#70
Pentachlorophenol
Concen: 54.852 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



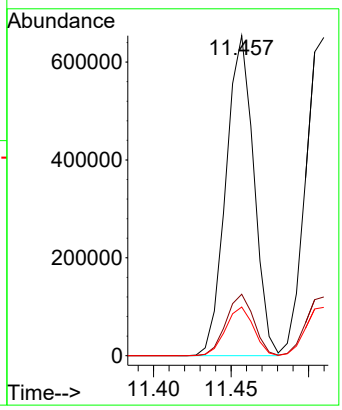


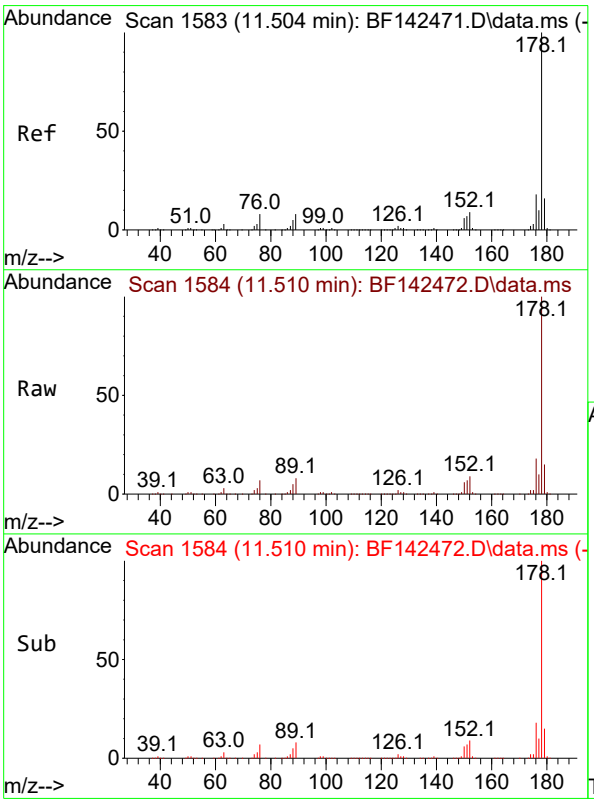
#71
Phenanthrene
Concen: 50.739 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

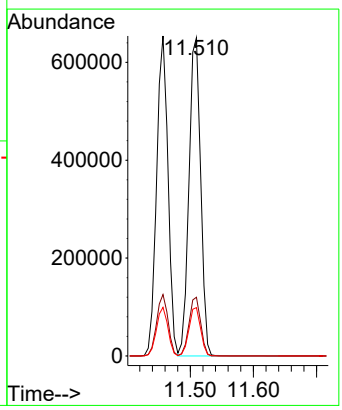


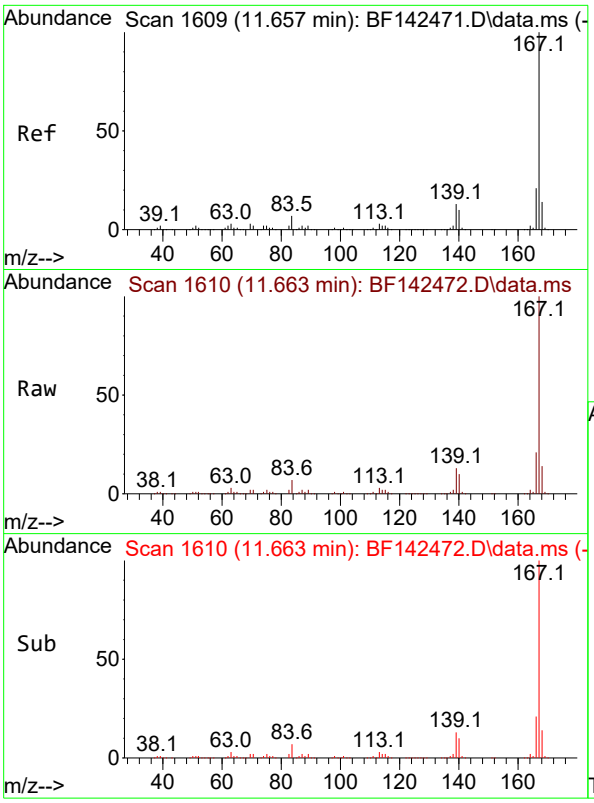


#72
Anthracene
Concen: 50.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



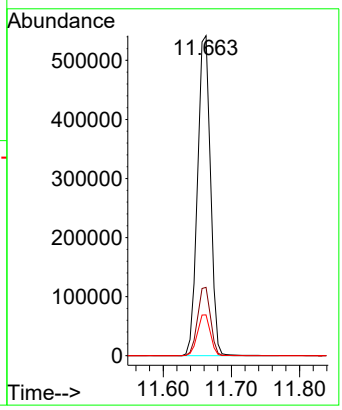


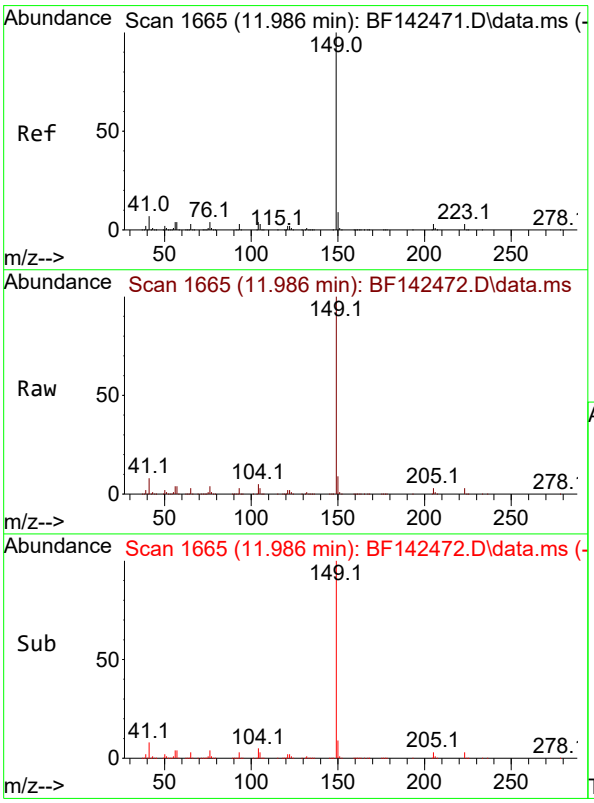
#73
Carbazole
Concen: 50.927 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

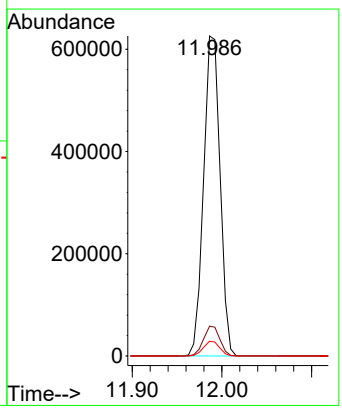


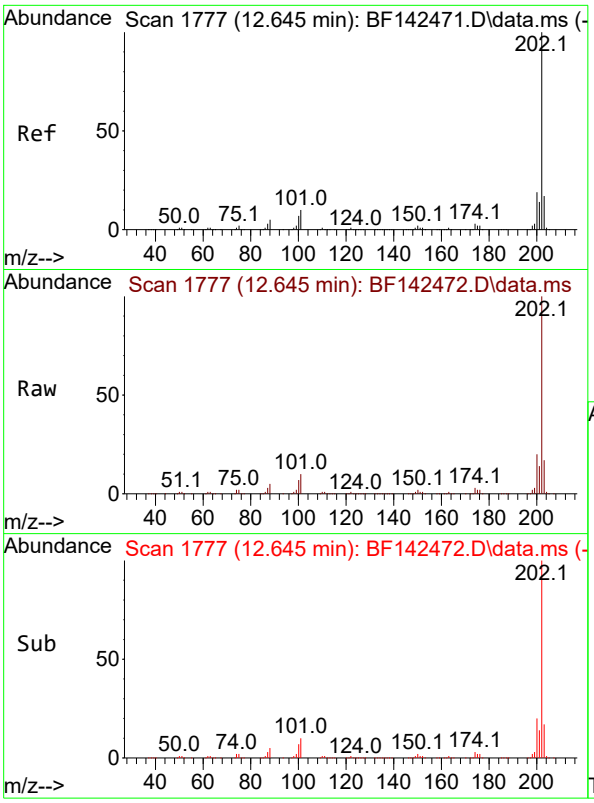


#74
Di-n-butylphthalate
Concen: 51.856 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



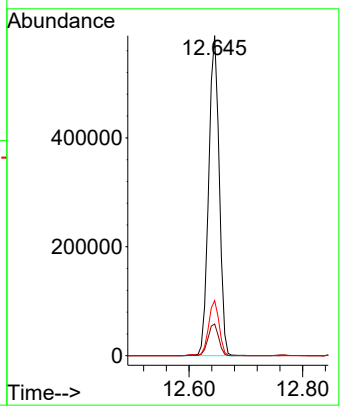


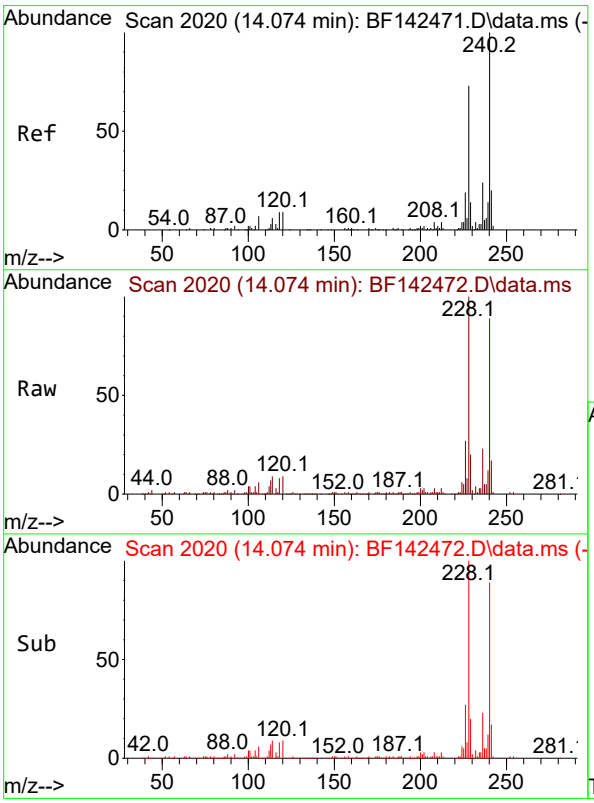
#75
Fluoranthene
Concen: 49.923 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

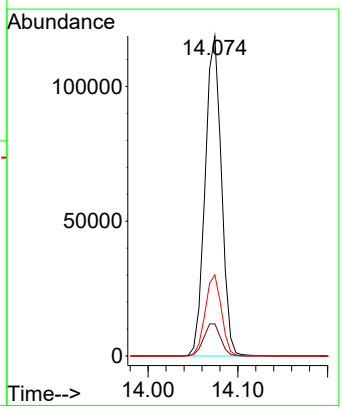


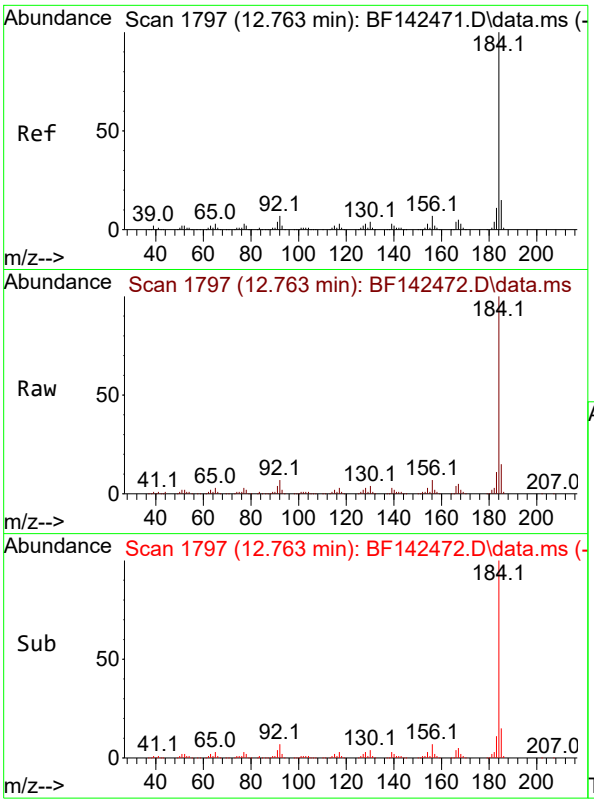


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



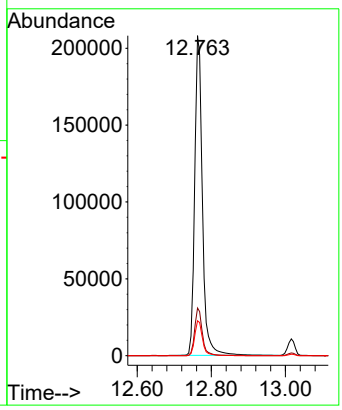


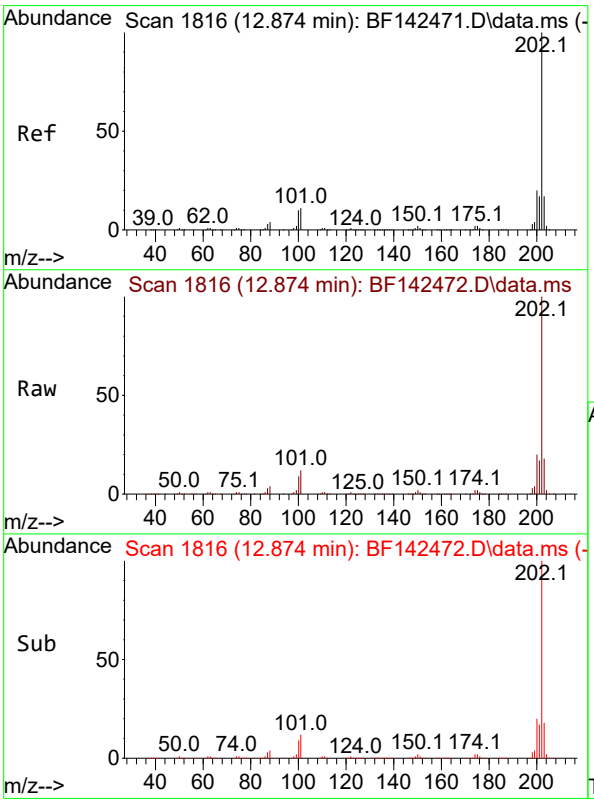
#77
Benzidine
Concen: 54.058 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

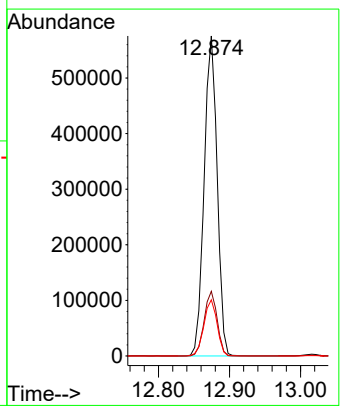


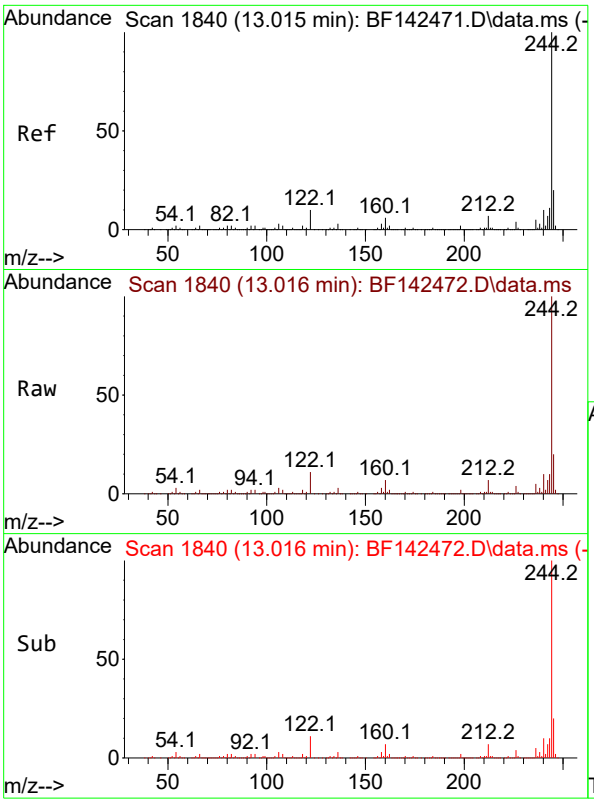


#78
Pyrene
Concen: 52.513 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



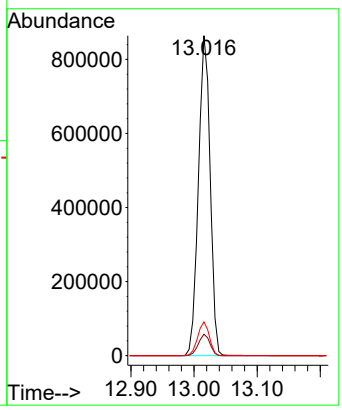


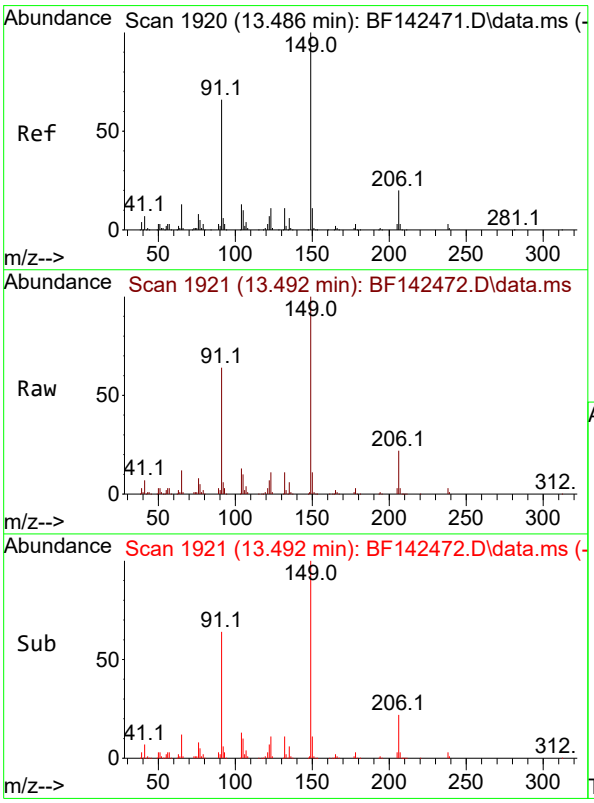
#79
Terphenyl-d14
Concen: 101.951 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

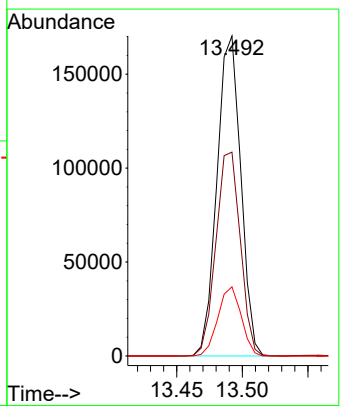


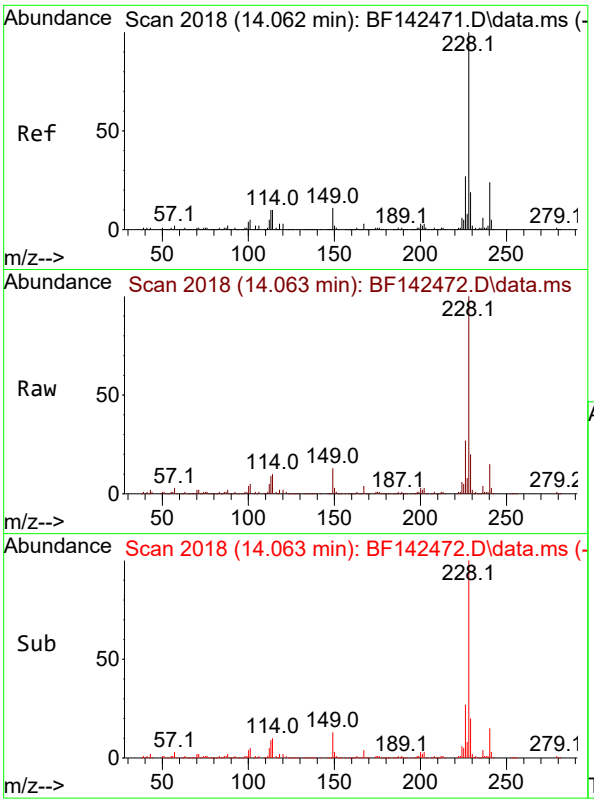


#80
Butylbenzylphthalate
Concen: 55.767 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



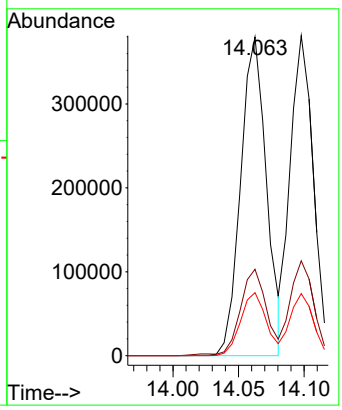


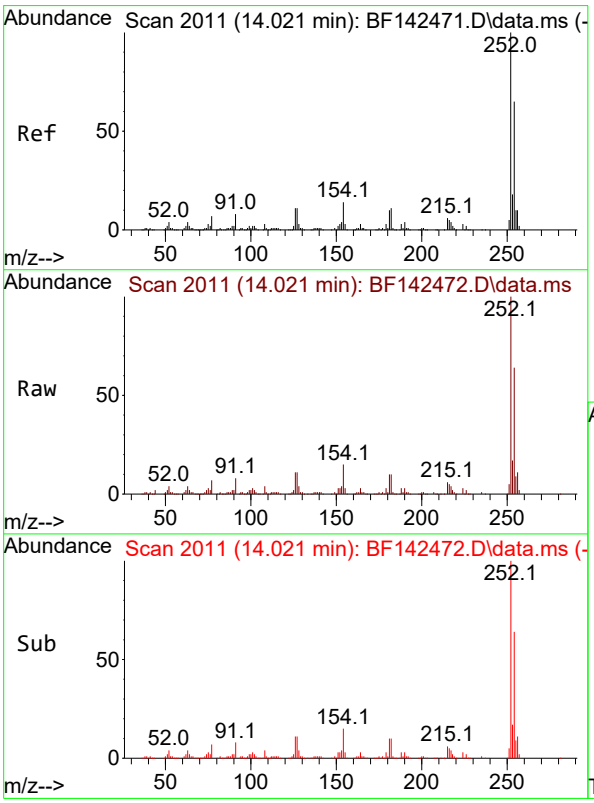
#81
Benzo(a)anthracene
Concen: 52.076 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

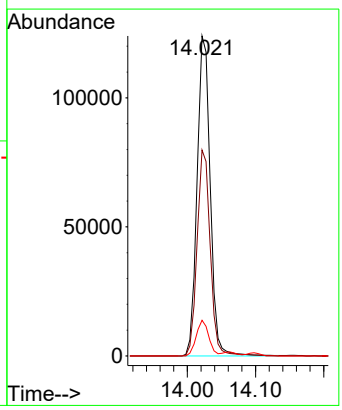


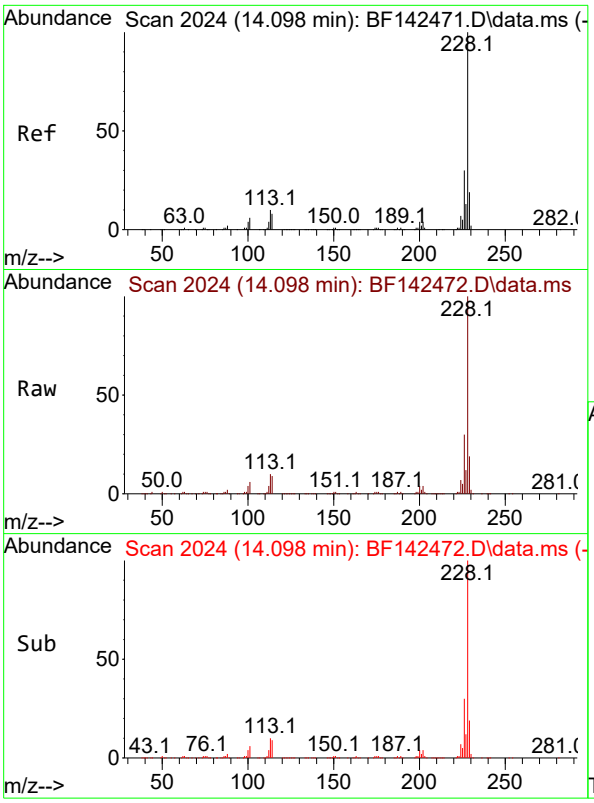


#82
3,3'-Dichlorobenzidine
Concen: 54.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



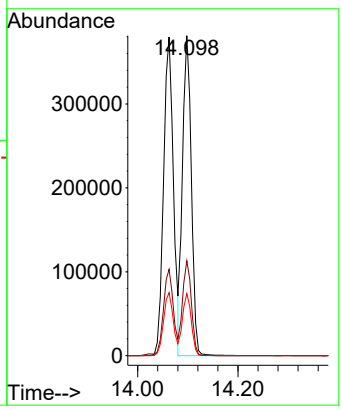


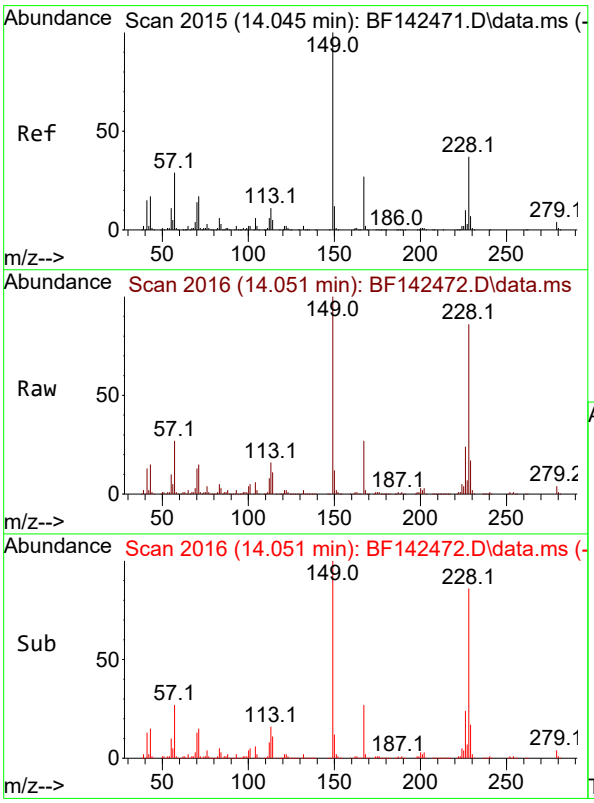
#83
Chrysene
Concen: 52.273 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

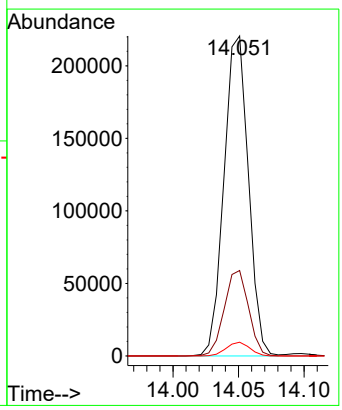


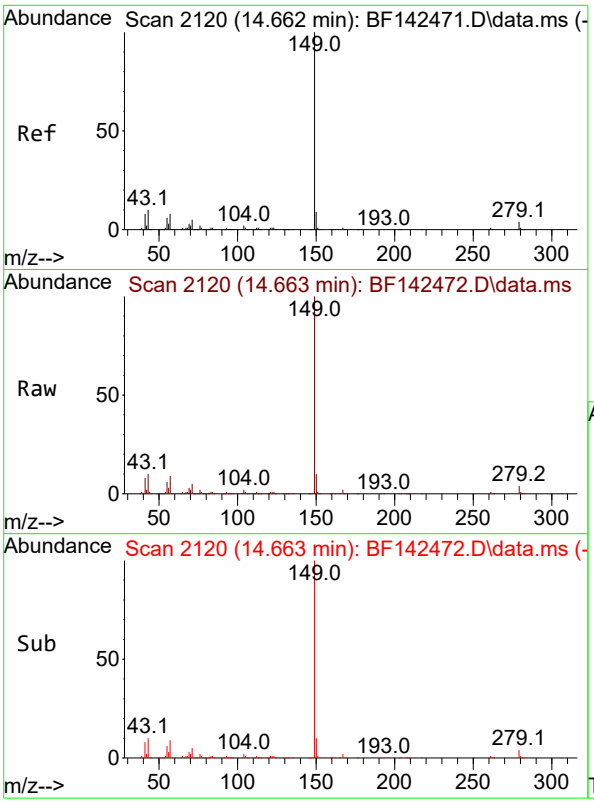


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.932 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



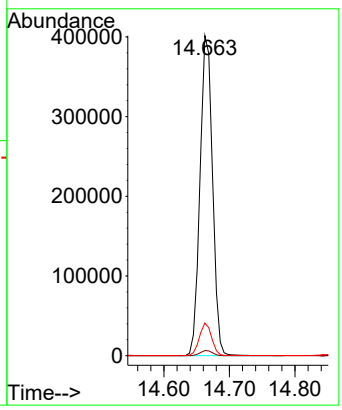


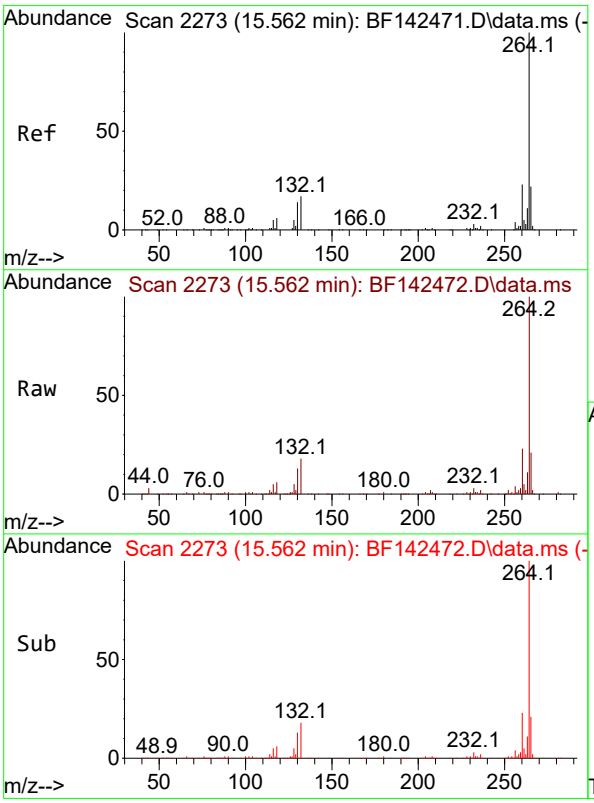
#85
Di-n-octyl phthalate
Concen: 55.482 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

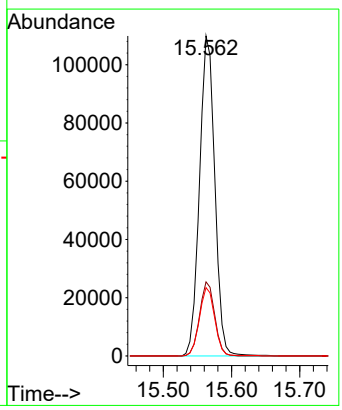


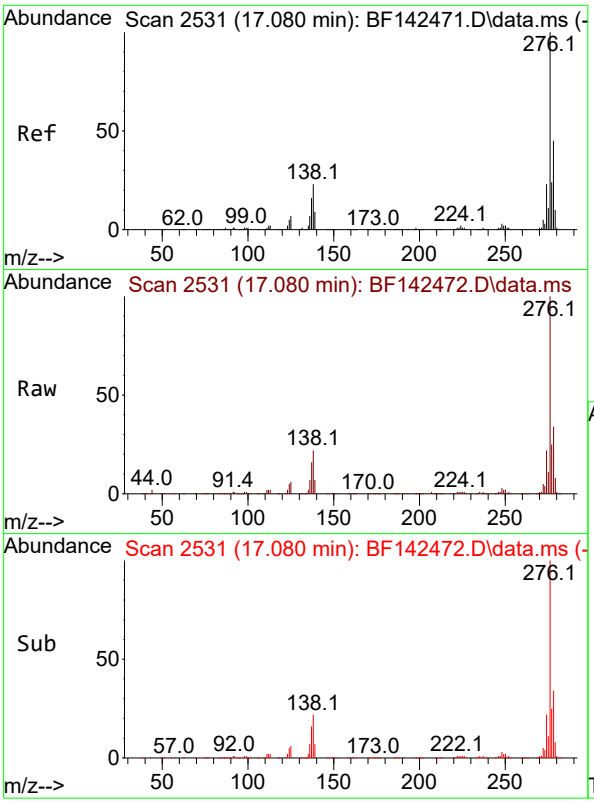


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



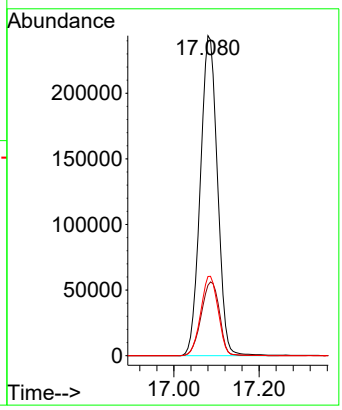


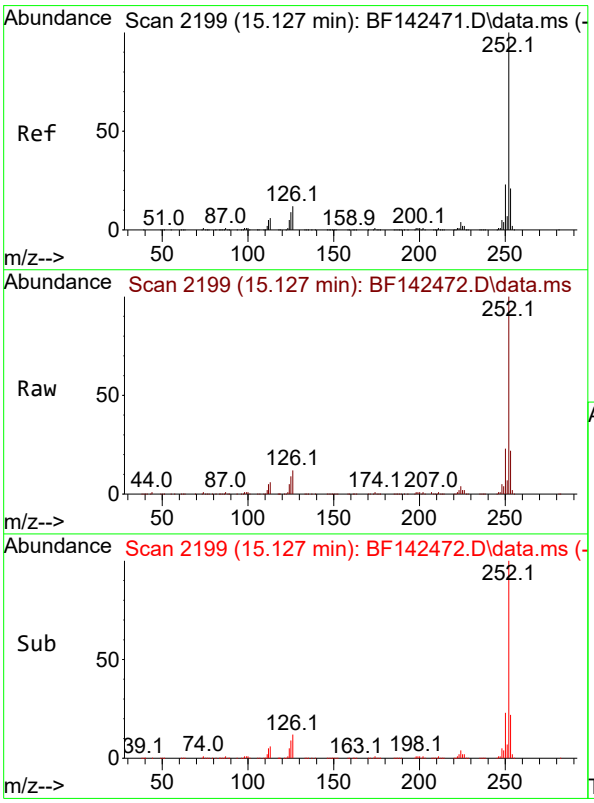
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.730 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

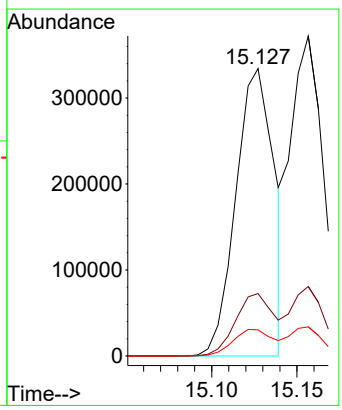


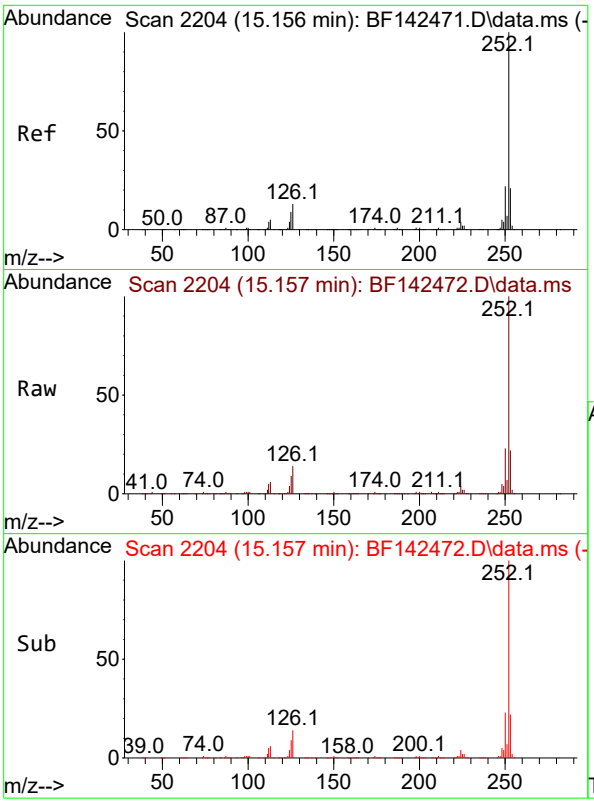


#88
Benzo(b)fluoranthene
Concen: 51.062 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



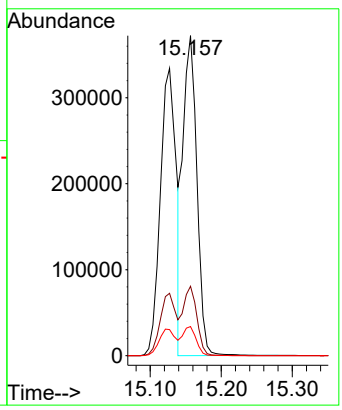


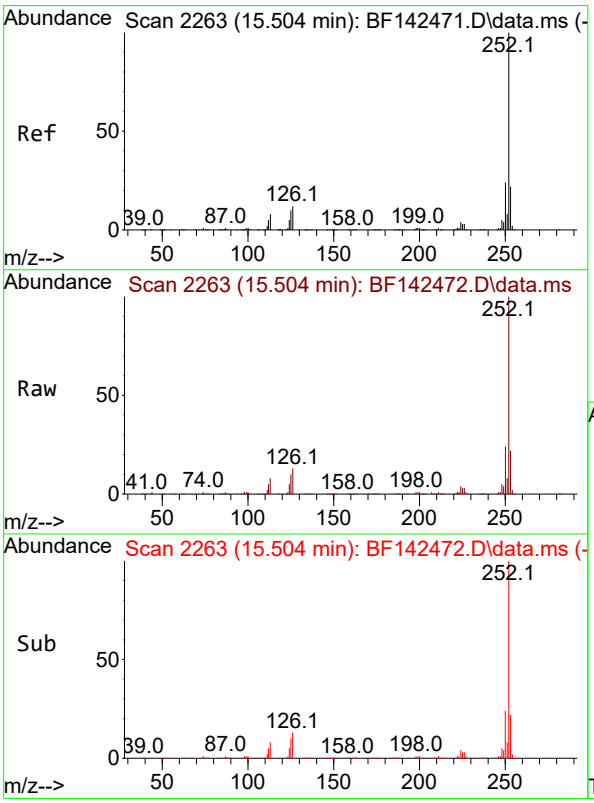
#89
Benzo(k)fluoranthene
Concen: 53.130 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

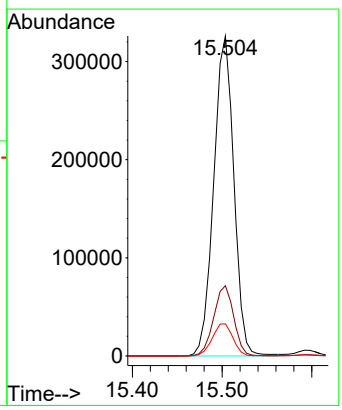


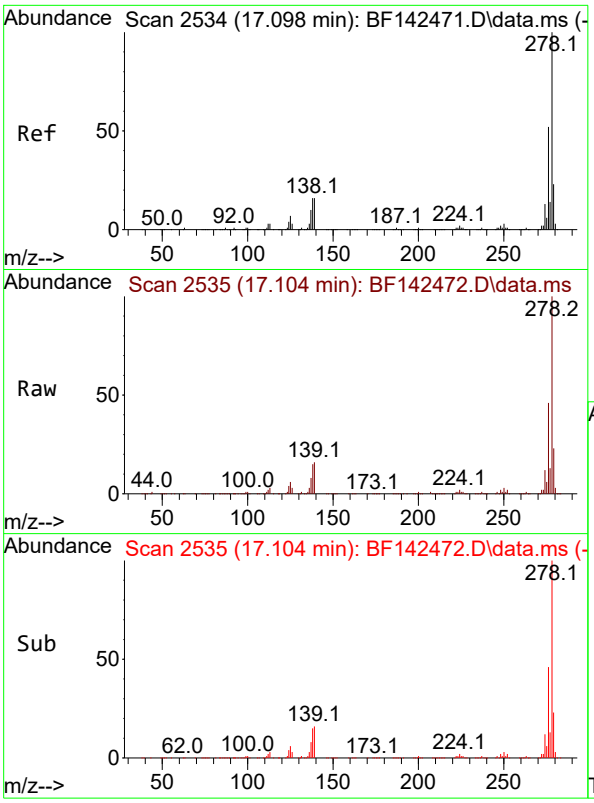


#90
Benzo(a)pyrene
Concen: 53.101 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



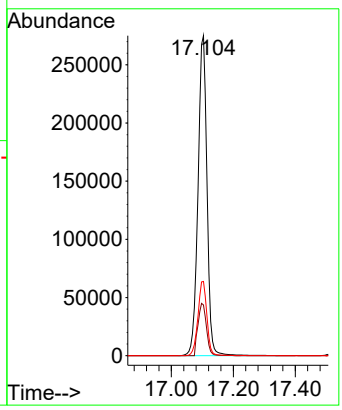


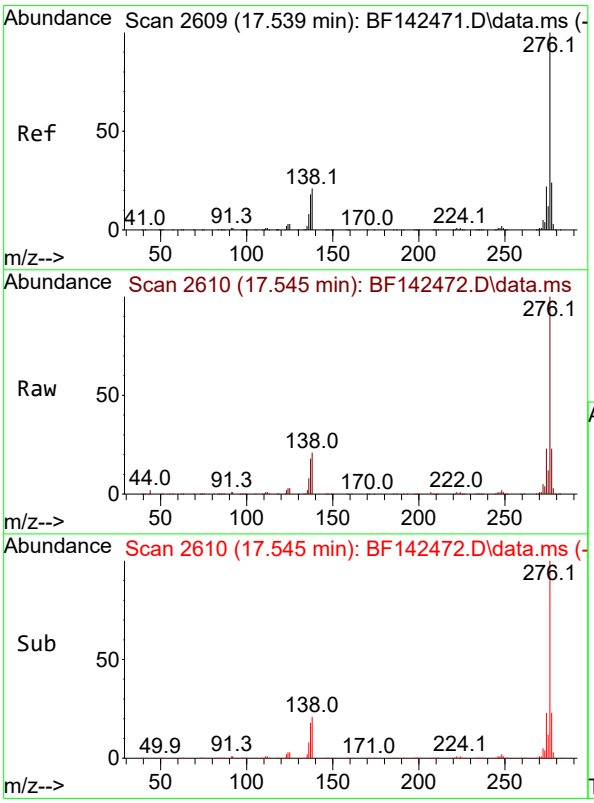
#91
Dibenzo(a,h)anthracene
Concen: 52.964 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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

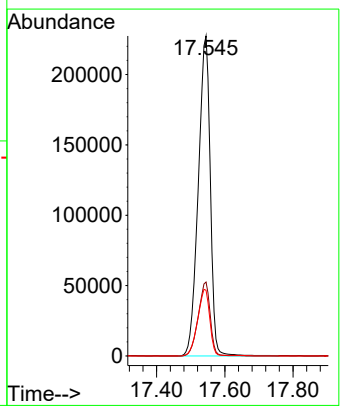




#92
Benzo(g,h,i)perylene
Concen: 53.328 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

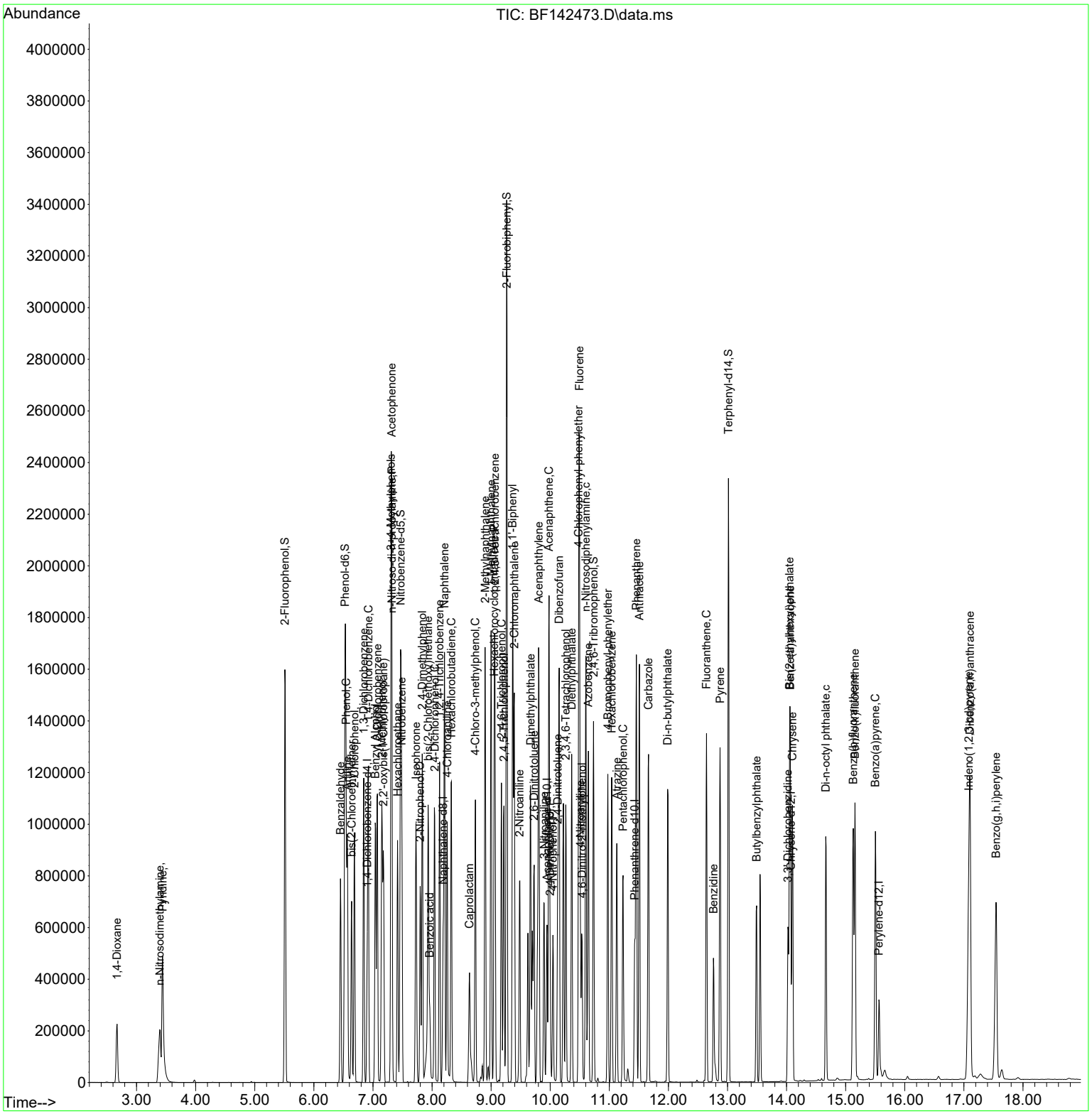
(#) = qualifier out of range (m) = manual integration (+) = signals summed

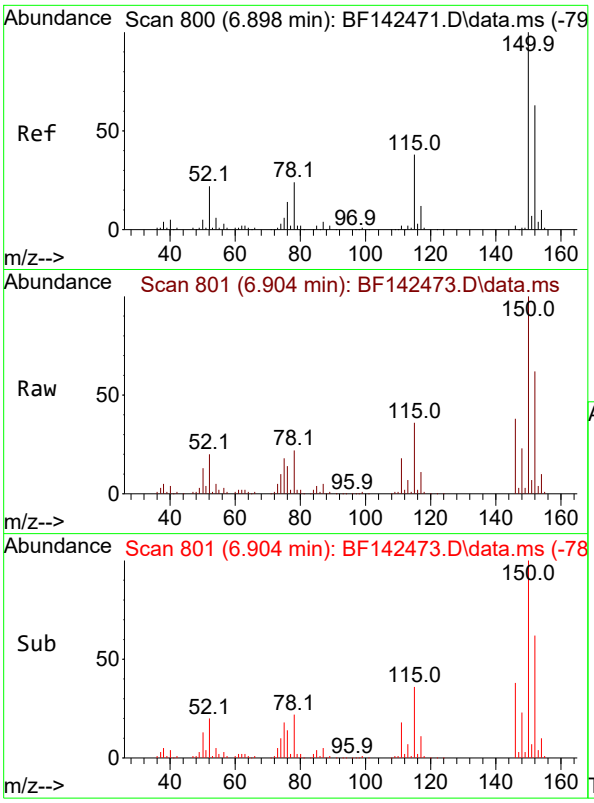
ICAL Form

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



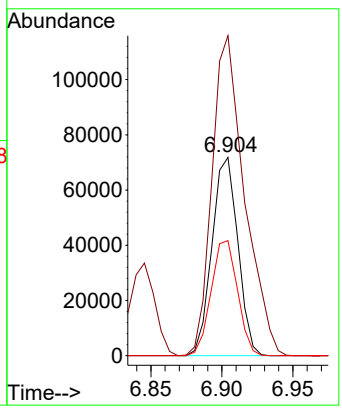


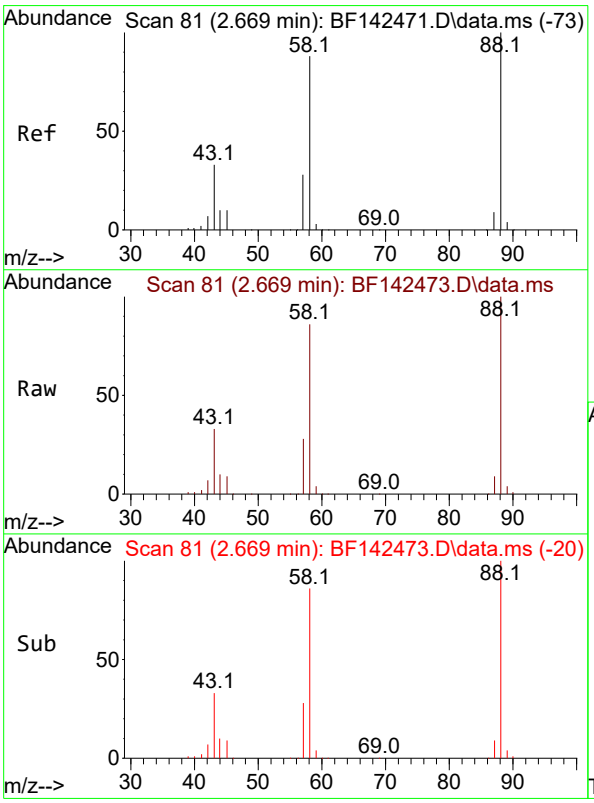
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

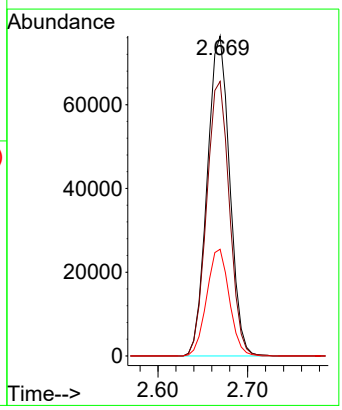


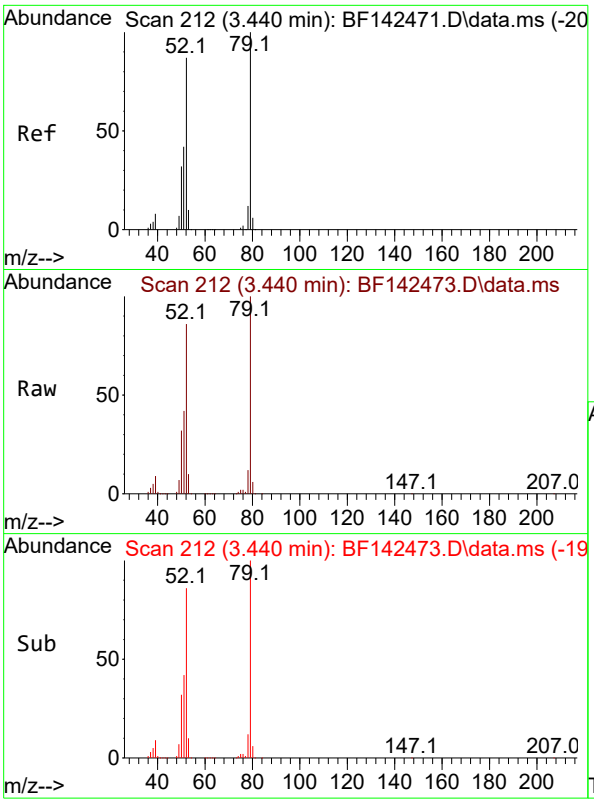


#2
1,4-Dioxane
Concen: 61.335 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



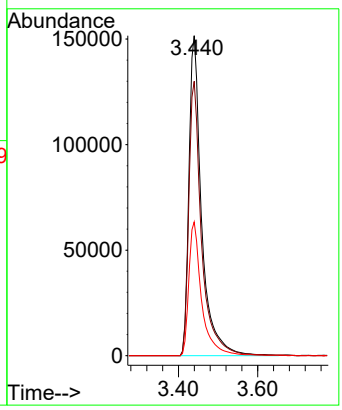


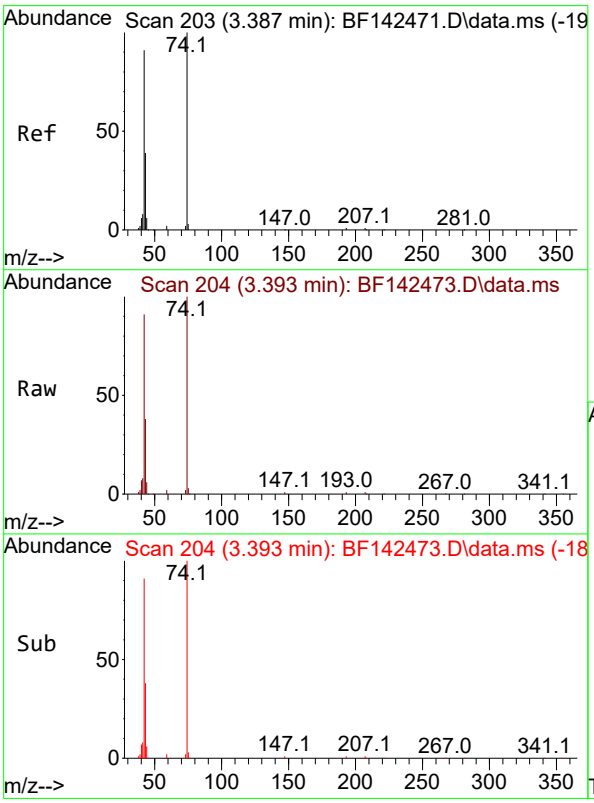
#3
Pyridine
Concen: 61.229 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

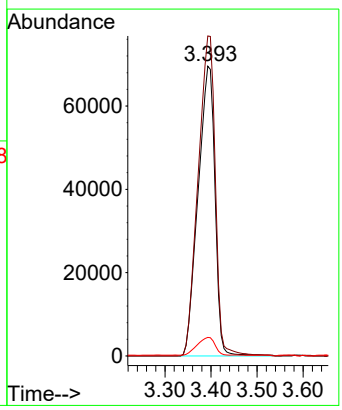


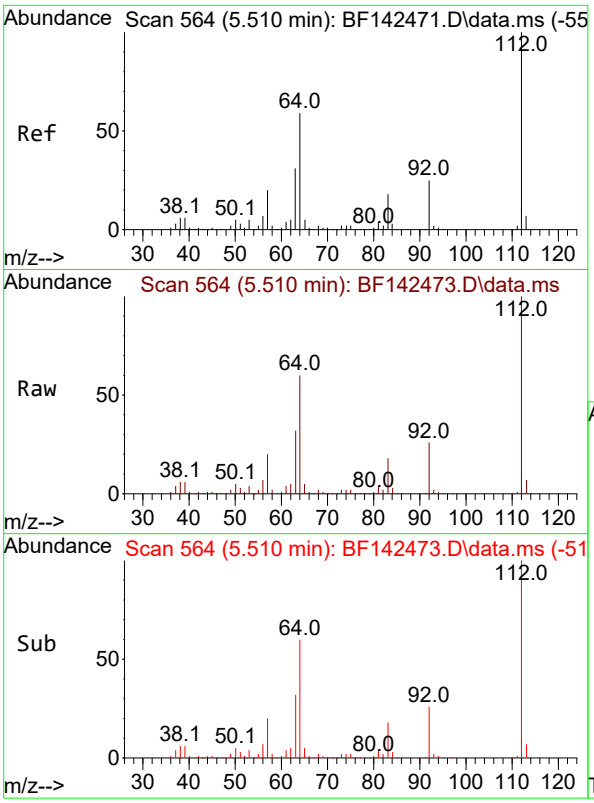


#4
n-Nitrosodimethylamine
Concen: 62.278 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



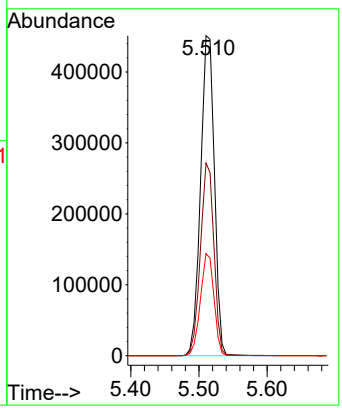


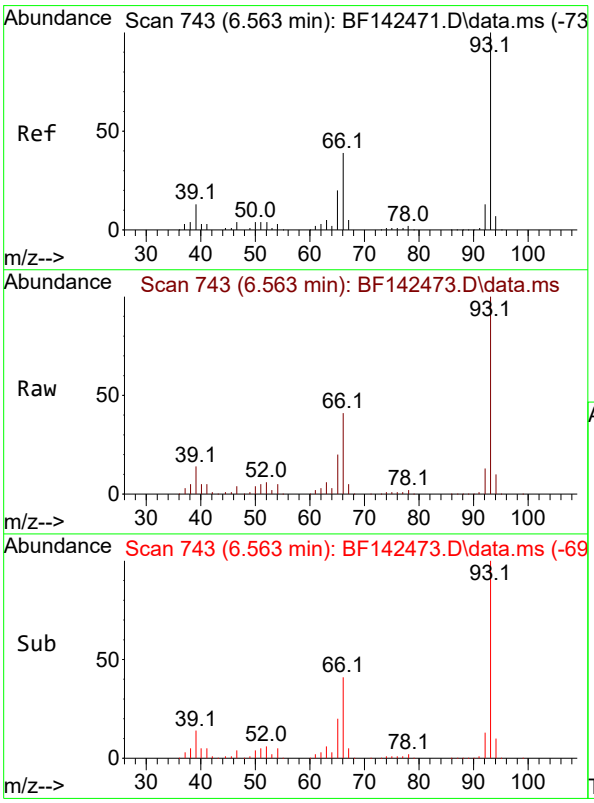
#5
2-Fluorophenol
Concen: 117.703 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

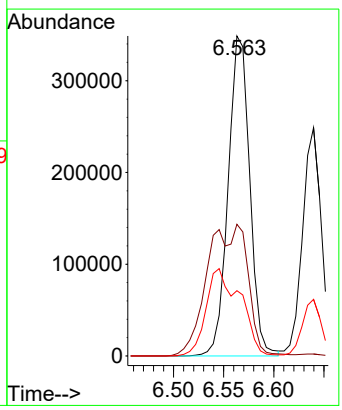


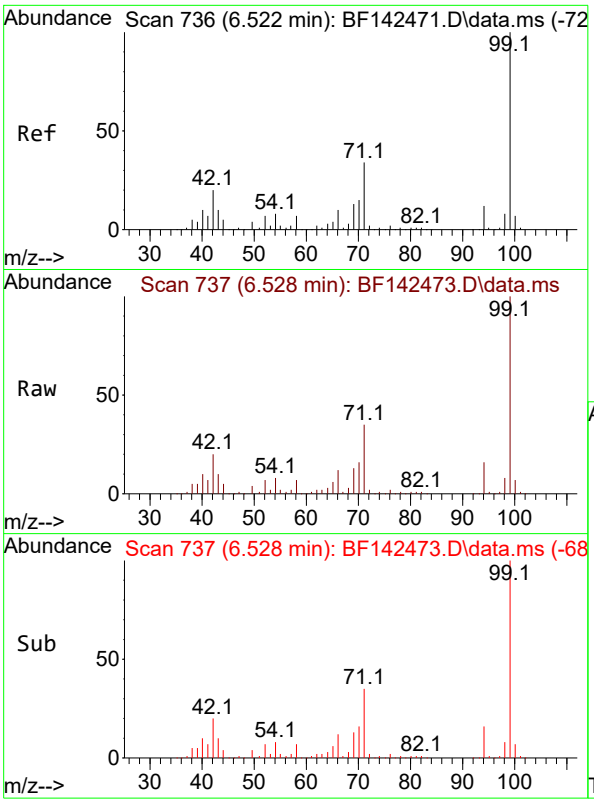


#6
Aniline
Concen: 59.656 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



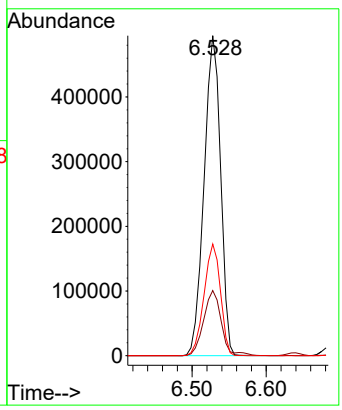


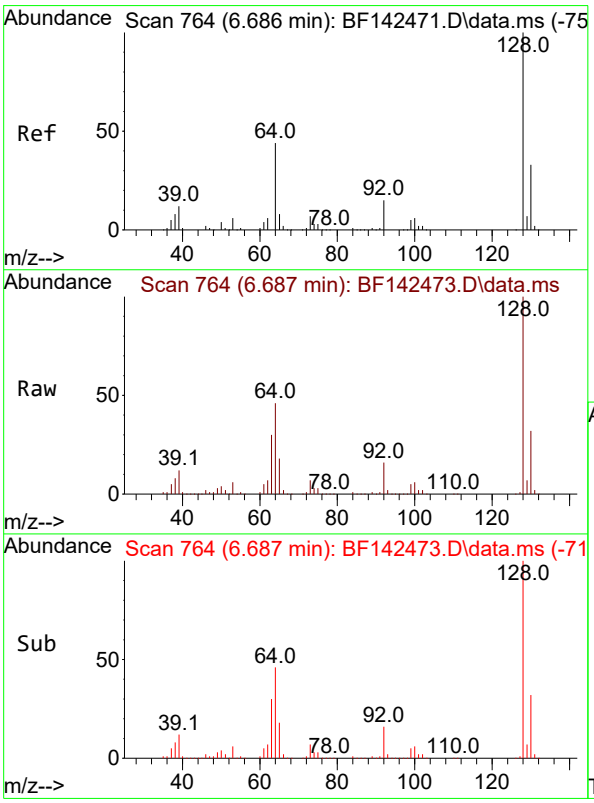
#7
Phenol-d6
Concen: 117.823 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

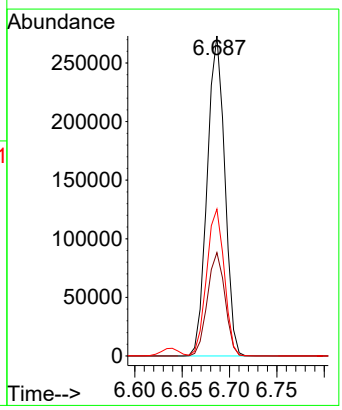


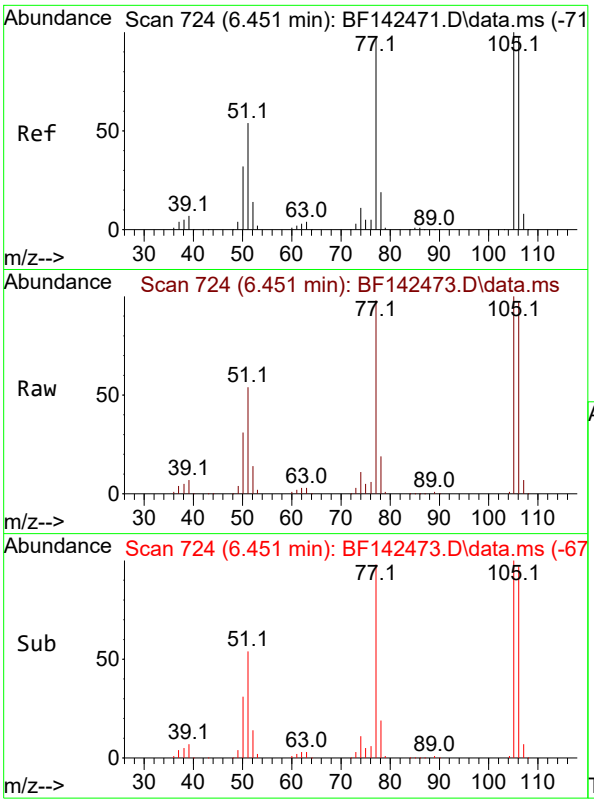


#8
2-Chlorophenol
Concen: 59.640 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



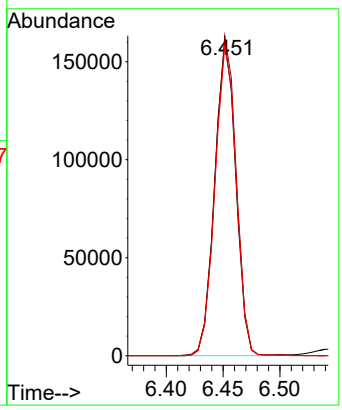


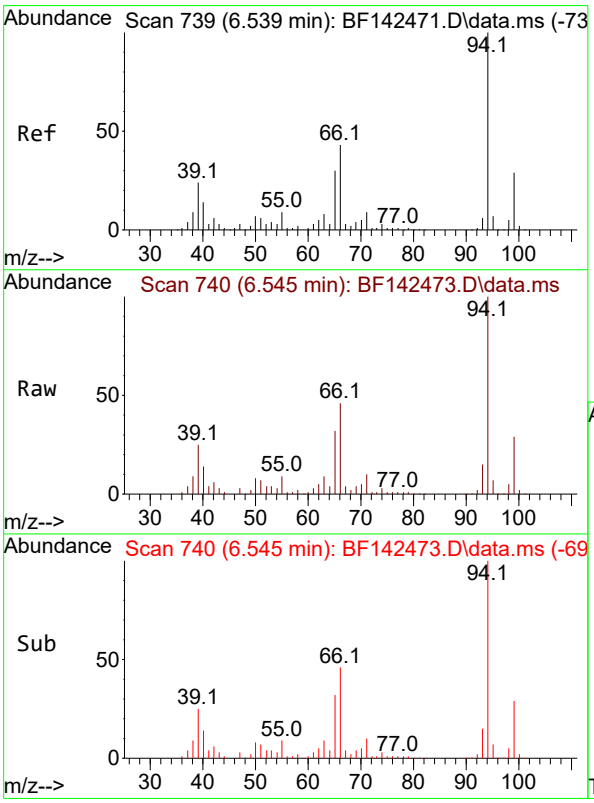
#9
Benzaldehyde
Concen: 52.898 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

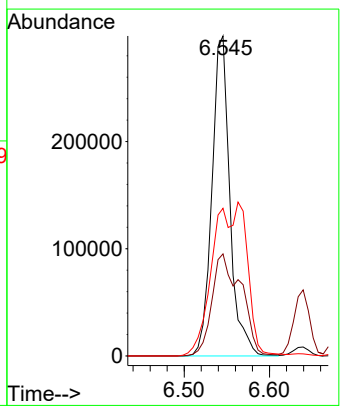


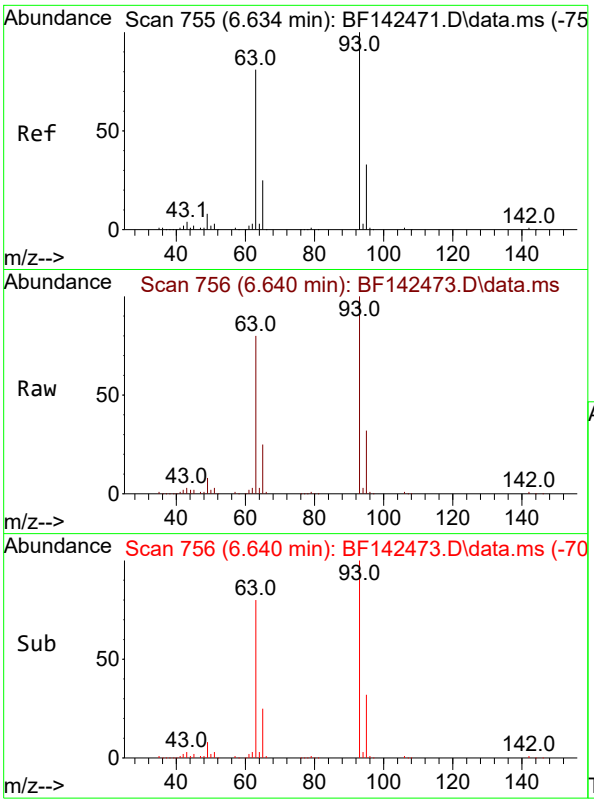


#10
Phenol
Concen: 59.604 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



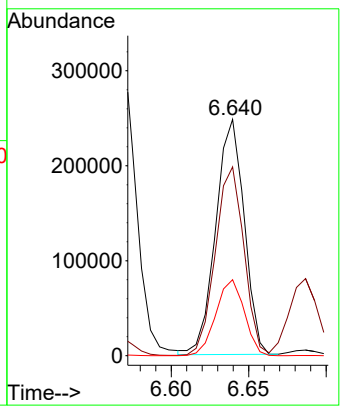


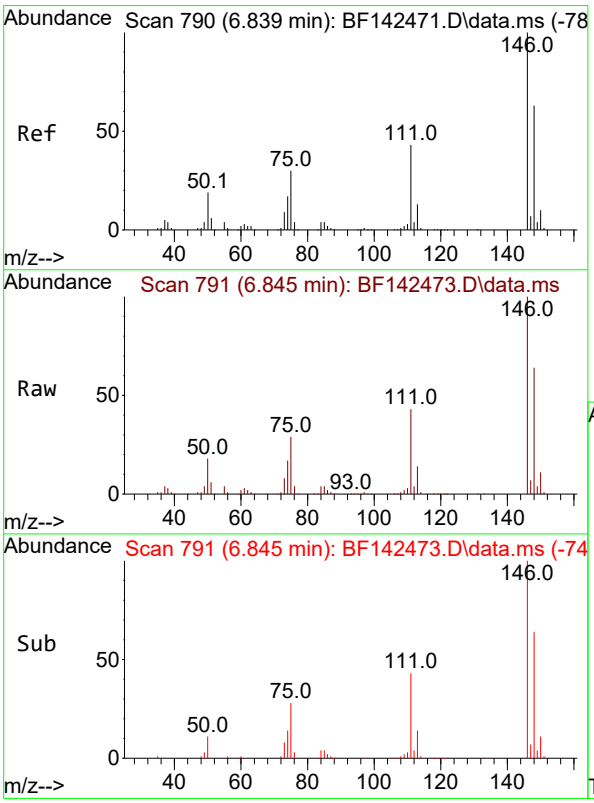
#11
bis(2-Chloroethyl)ether
Concen: 59.948 ng
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

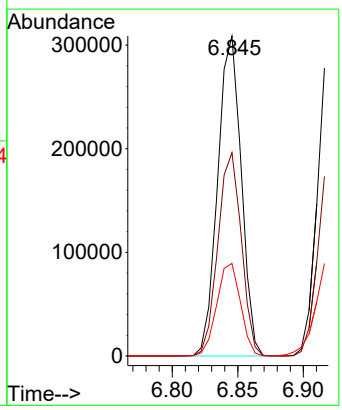


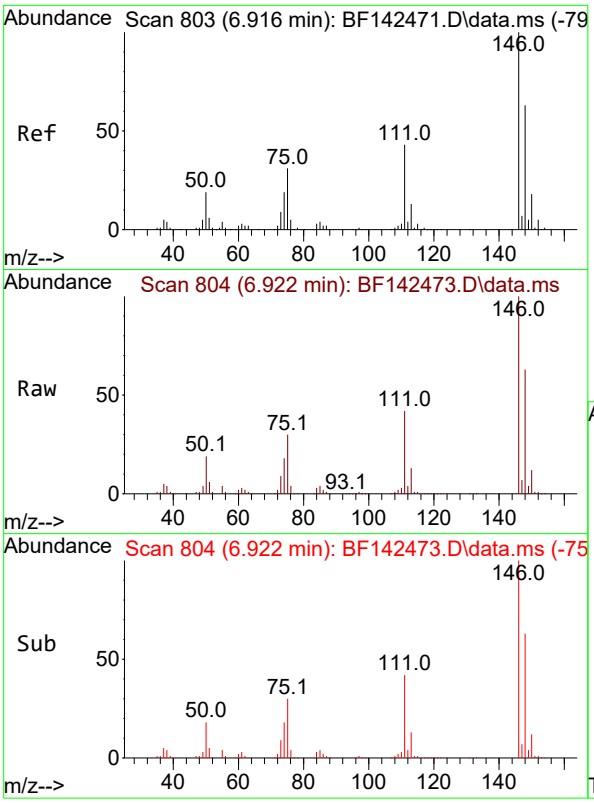


#12
1,3-Dichlorobenzene
Concen: 58.514 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



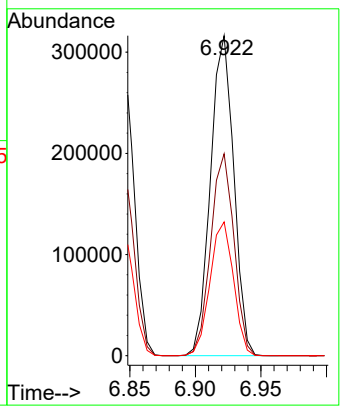


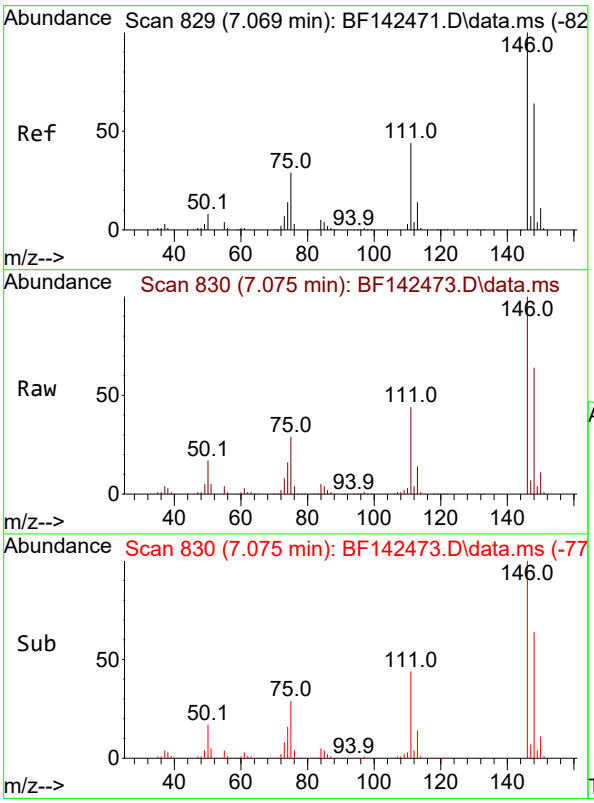
#13
1,4-Dichlorobenzene
Concen: 59.027 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

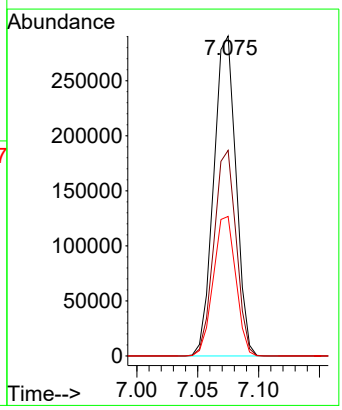


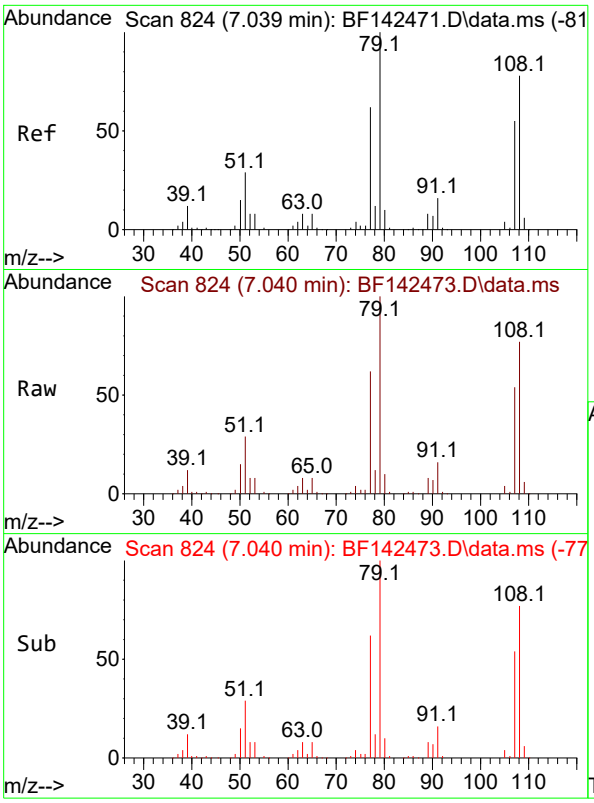


#14
1,2-Dichlorobenzene
Concen: 58.534 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



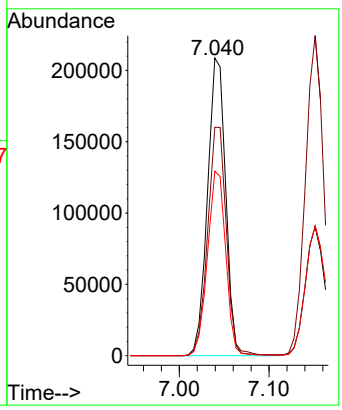


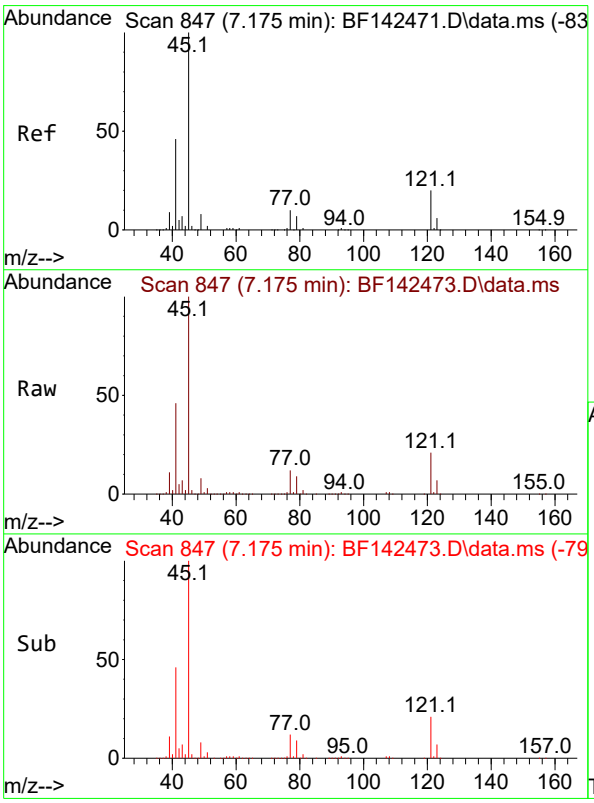
#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

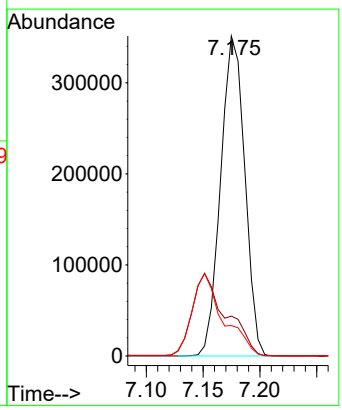


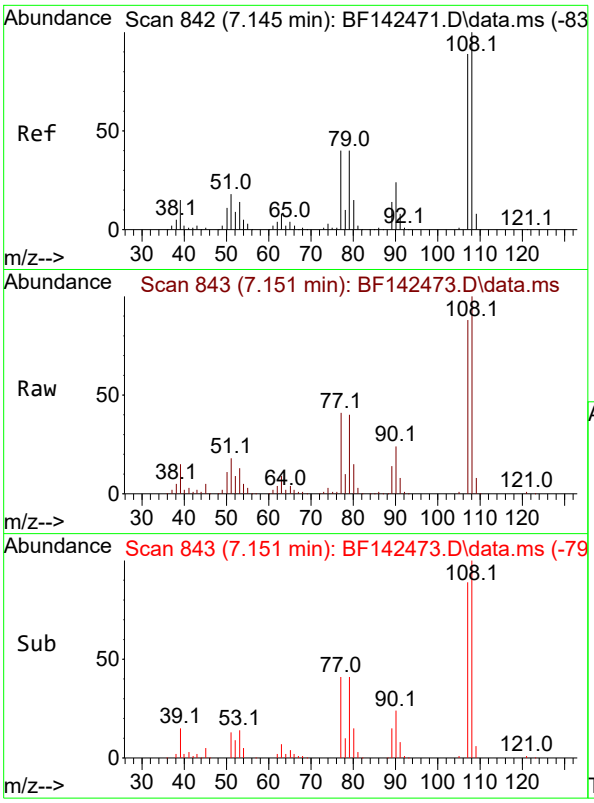


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.593 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



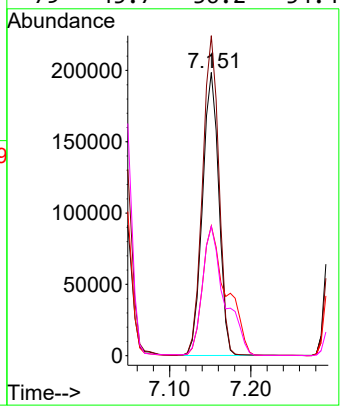


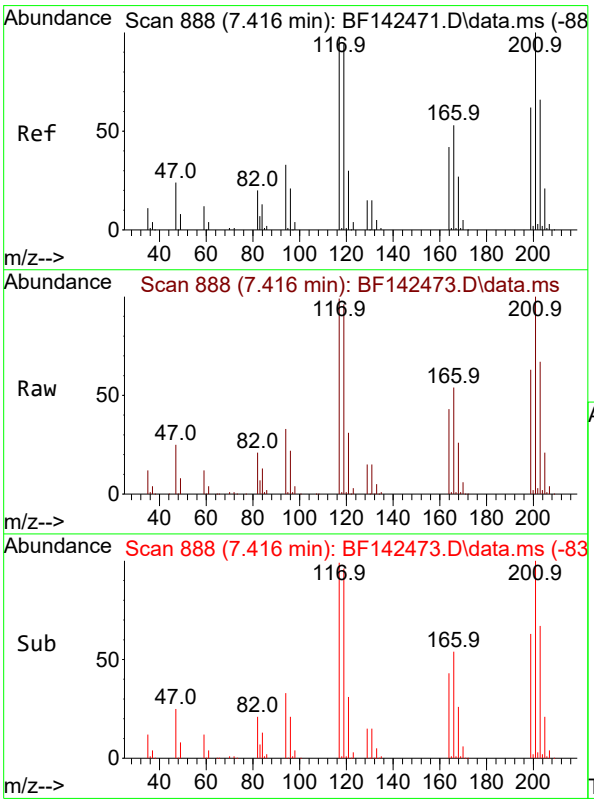
#17
2-Methylphenol
Concen: 60.306 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

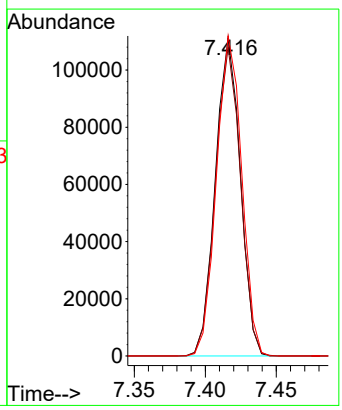


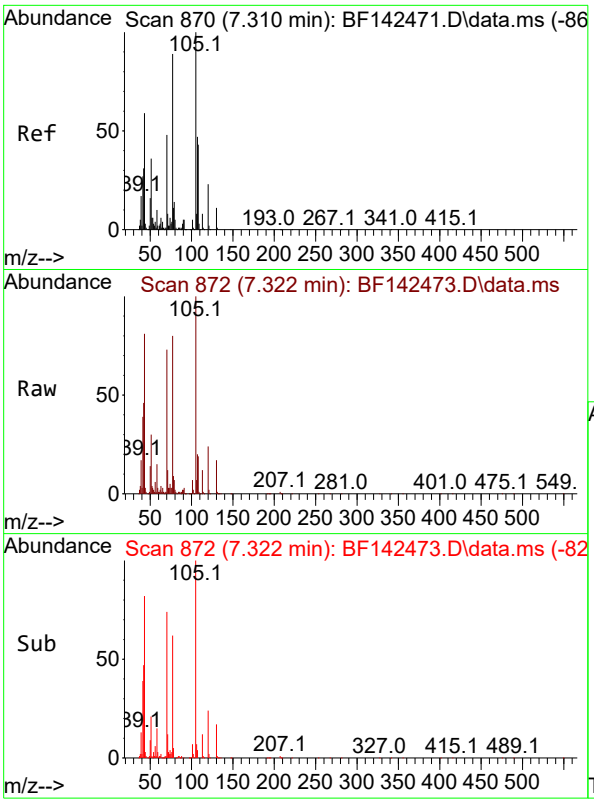


#18
Hexachloroethane
Concen: 58.780 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



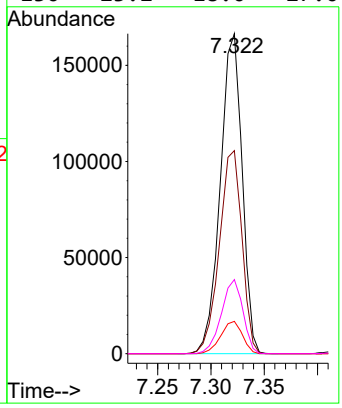


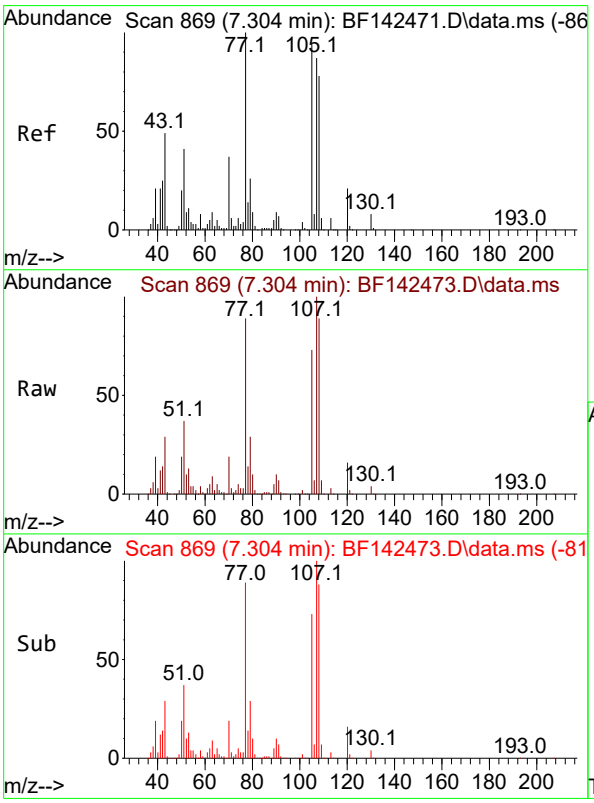
#19
n-Nitroso-di-n-propylamine
Concen: 58.671 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

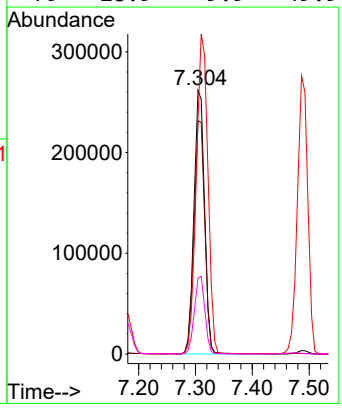


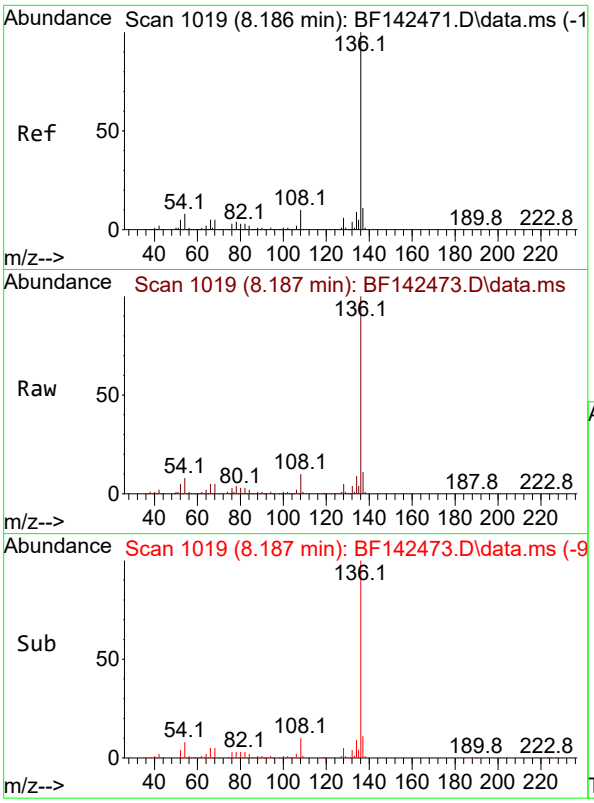


#20
3+4-Methylphenols
Concen: 58.010 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



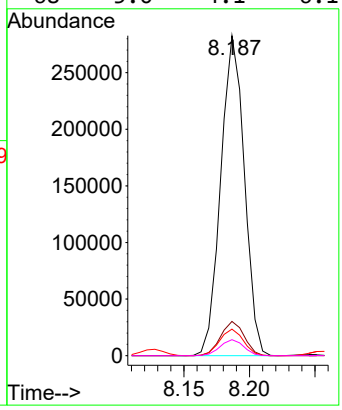


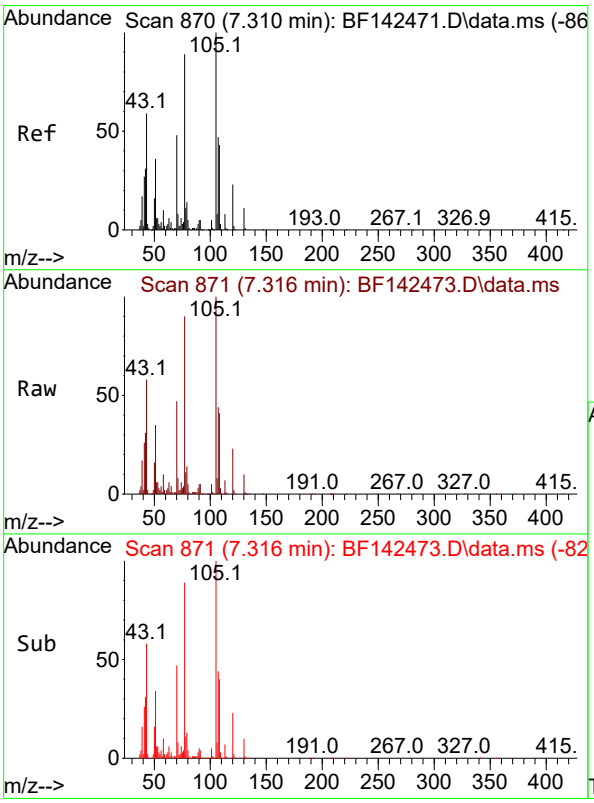
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

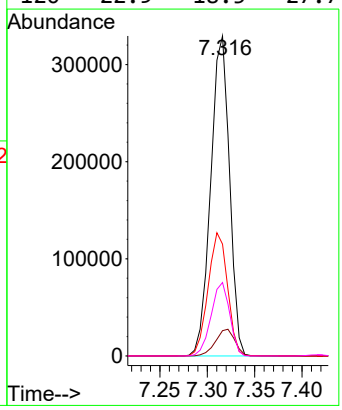


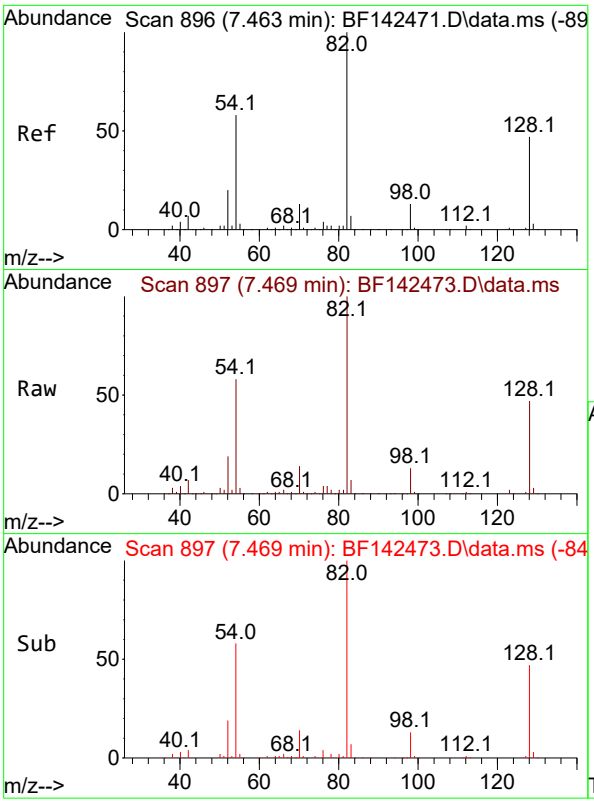


#22
Acetophenone
Concen: 57.937 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



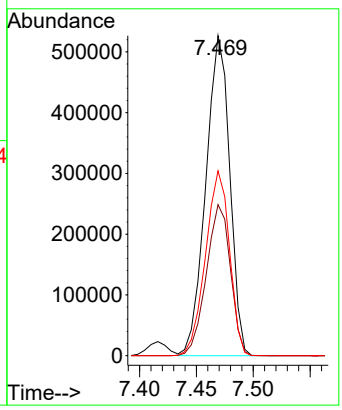


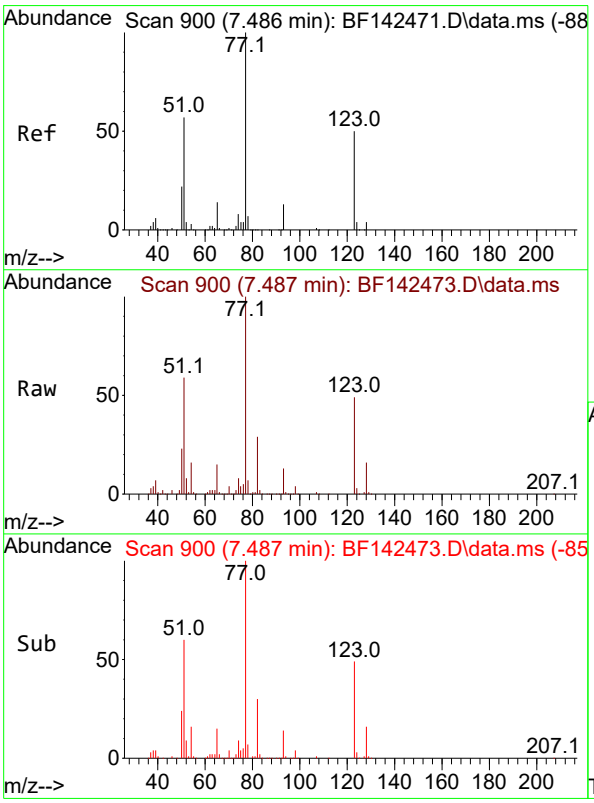
#23
Nitrobenzene-d5
Concen: 118.825 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

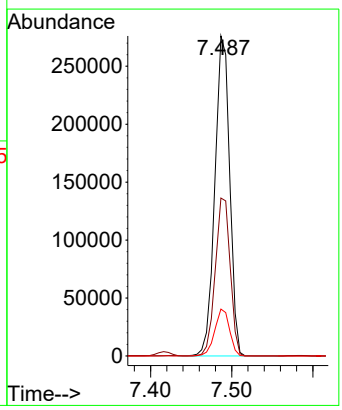


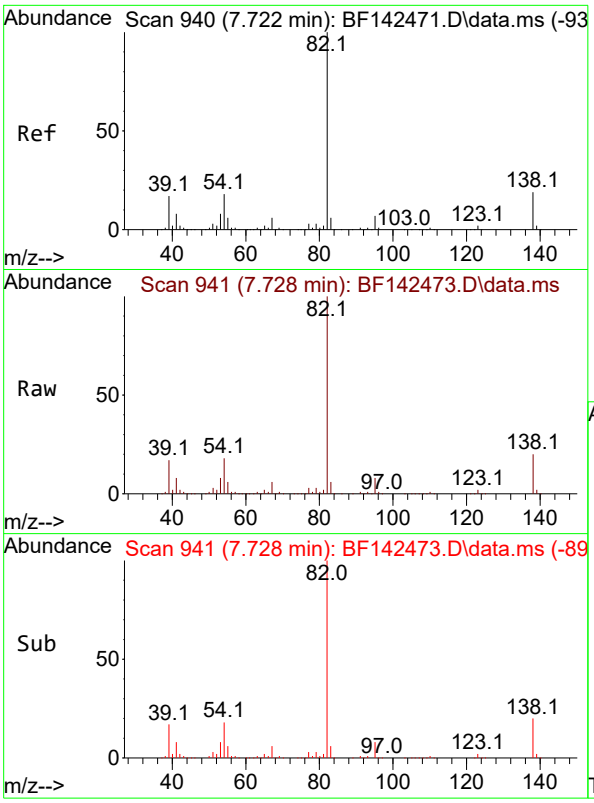


#24
Nitrobenzene
Concen: 59.984 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



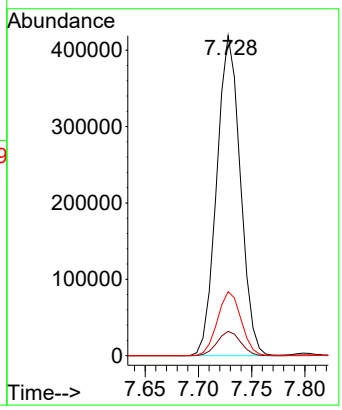


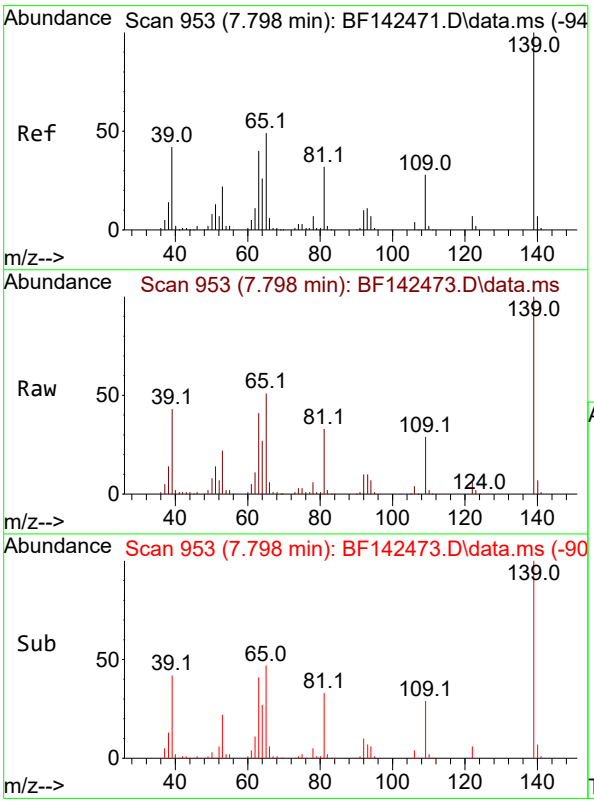
#25
Isophorone
Concen: 59.381 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

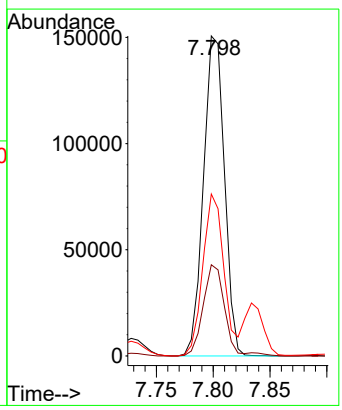


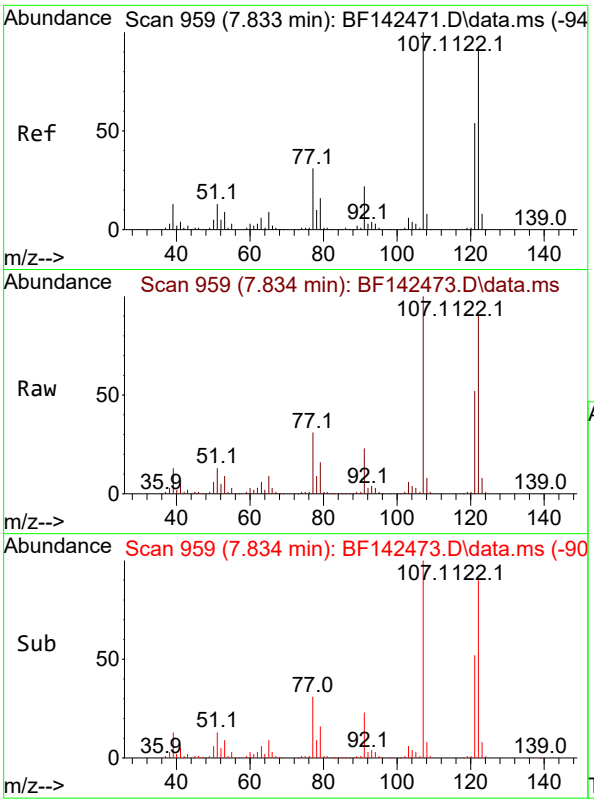


#26
2-Nitrophenol
Concen: 61.872 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



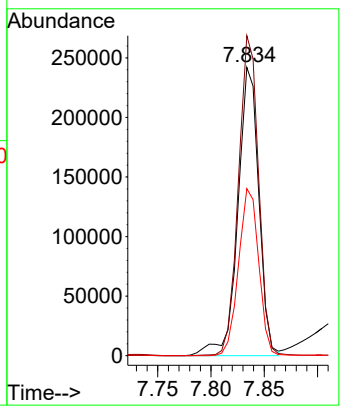


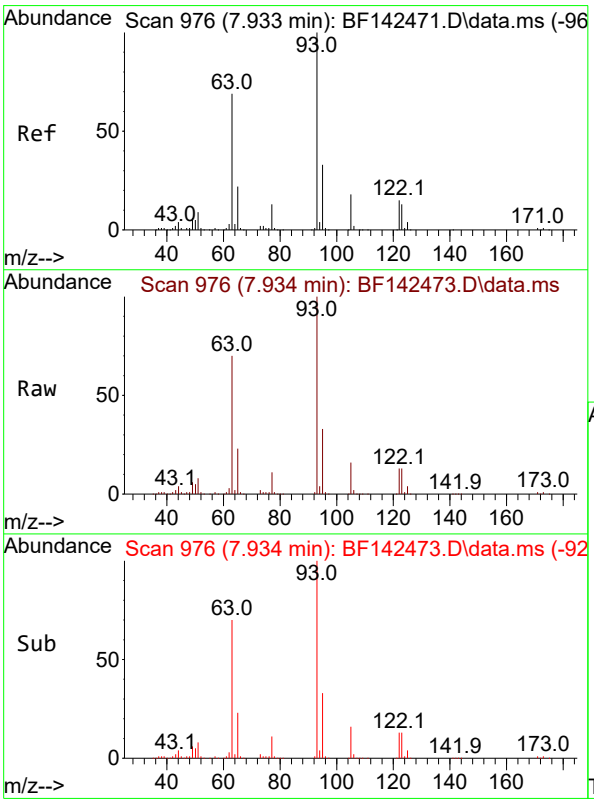
#27
2,4-Dimethylphenol
Concen: 59.994 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

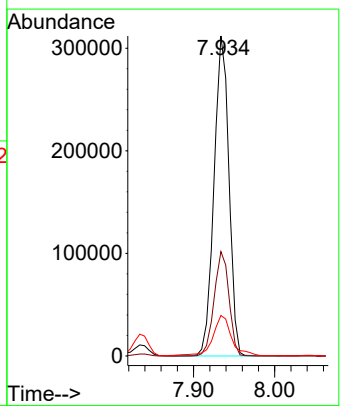


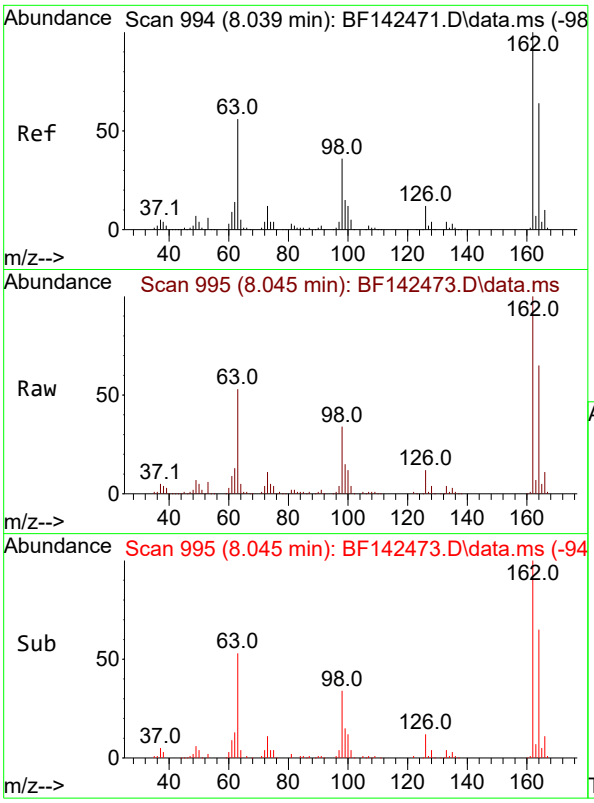


#28
bis(2-Chloroethoxy)methane
Concen: 58.699 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



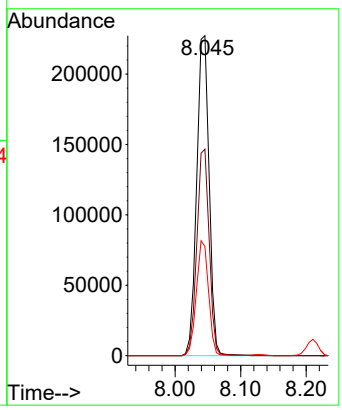


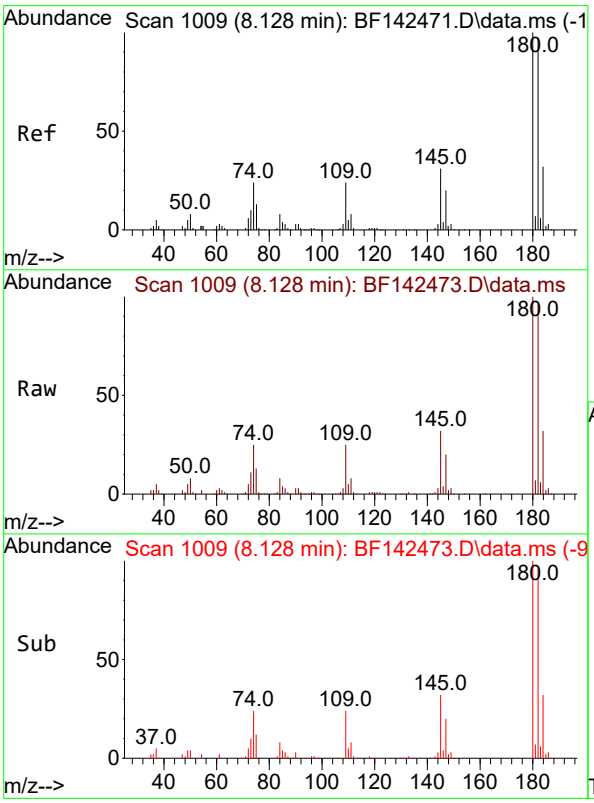
#29
2,4-Dichlorophenol
Concen: 59.913 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

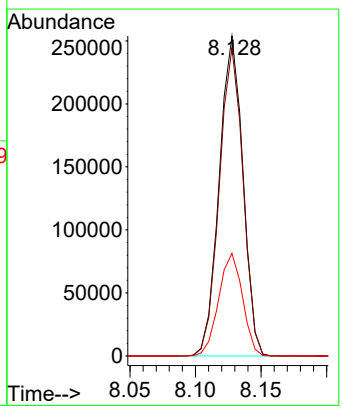


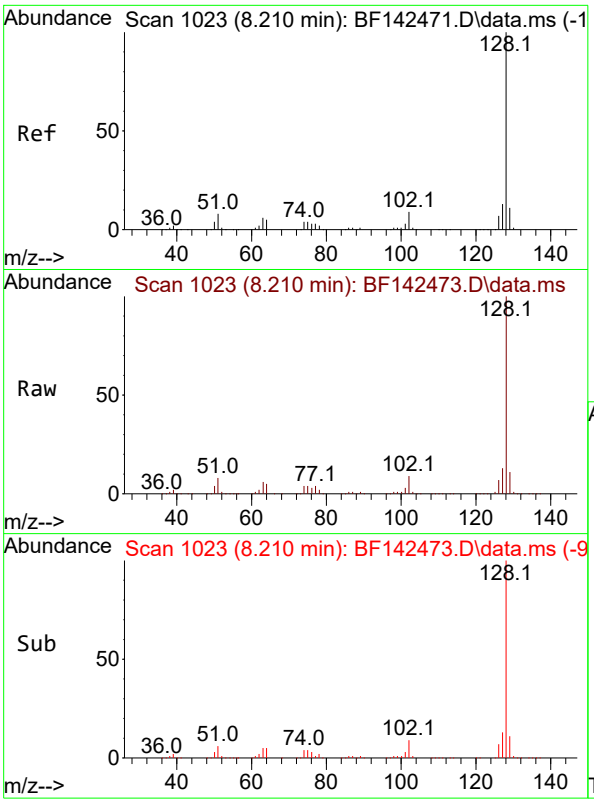


#30
1,2,4-Trichlorobenzene
Concen: 58.460 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



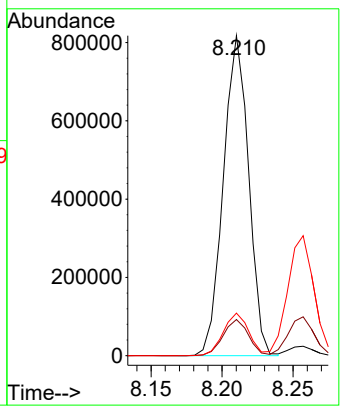


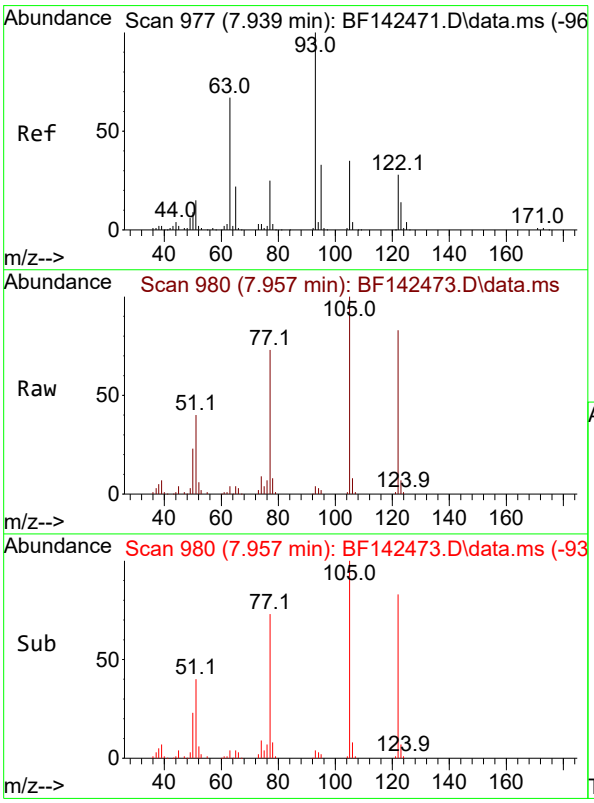
#31
Naphthalene
Concen: 58.085 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

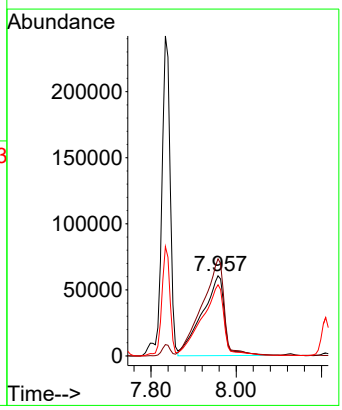


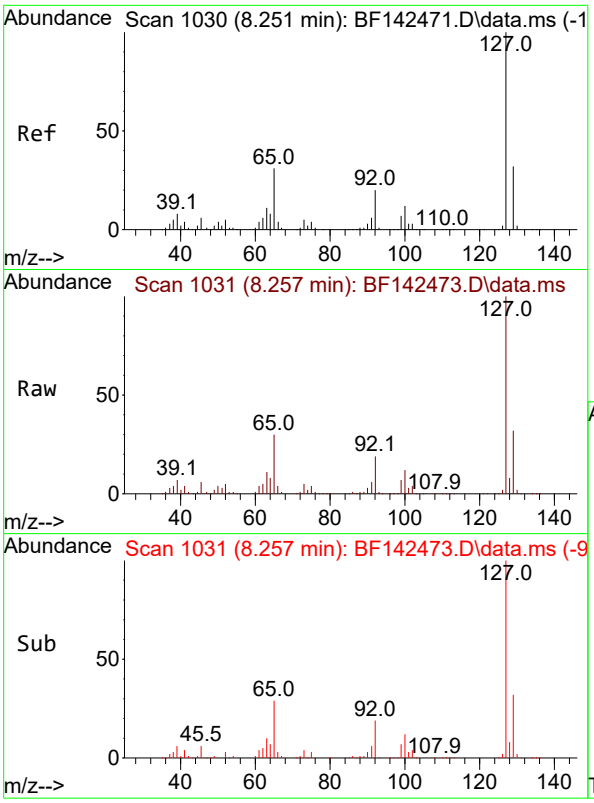


#32
Benzoic acid
Concen: 66.059 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



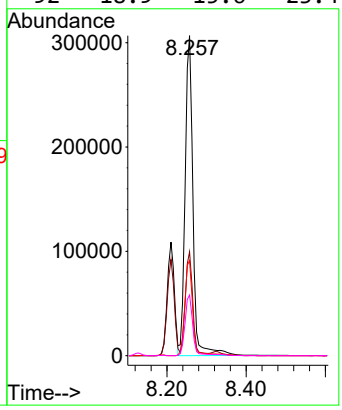


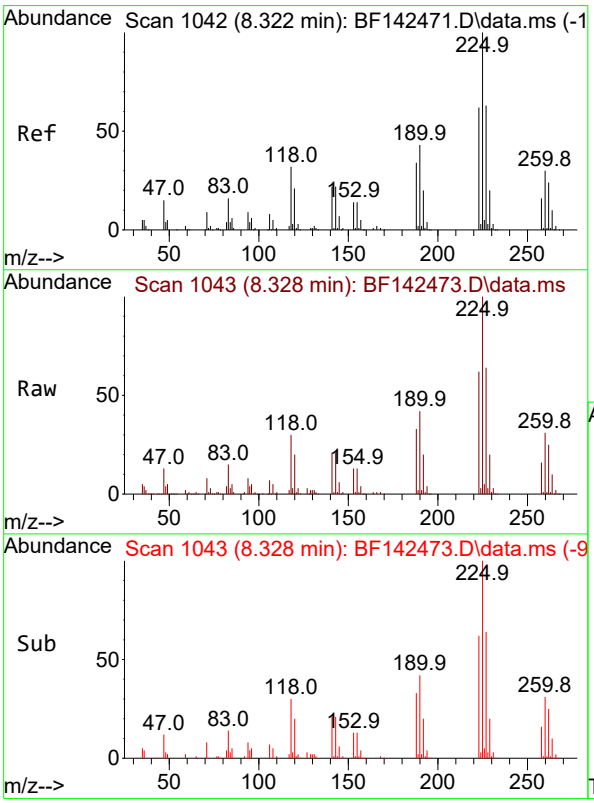
#33
4-Chloroaniline
Concen: 59.619 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

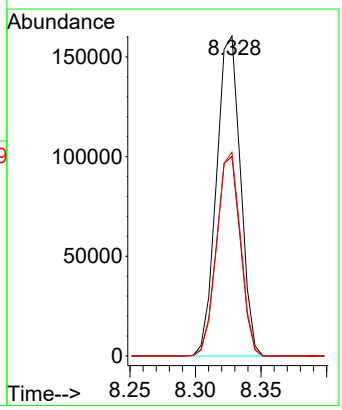


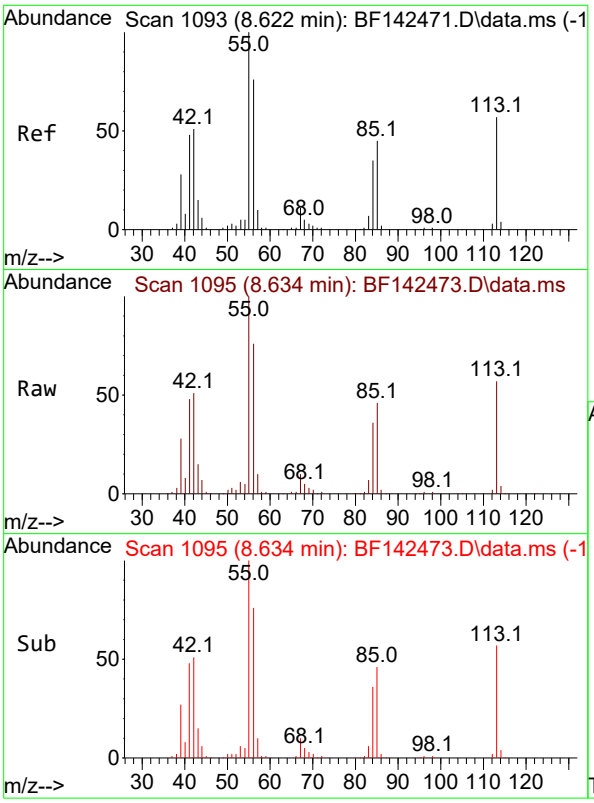


#34
Hexachlorobutadiene
Concen: 59.831 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



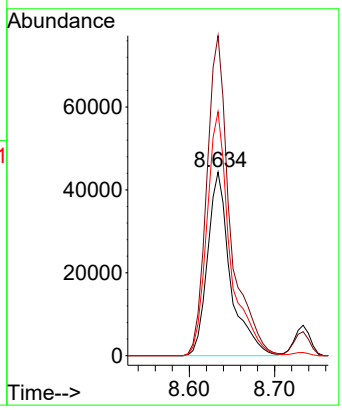


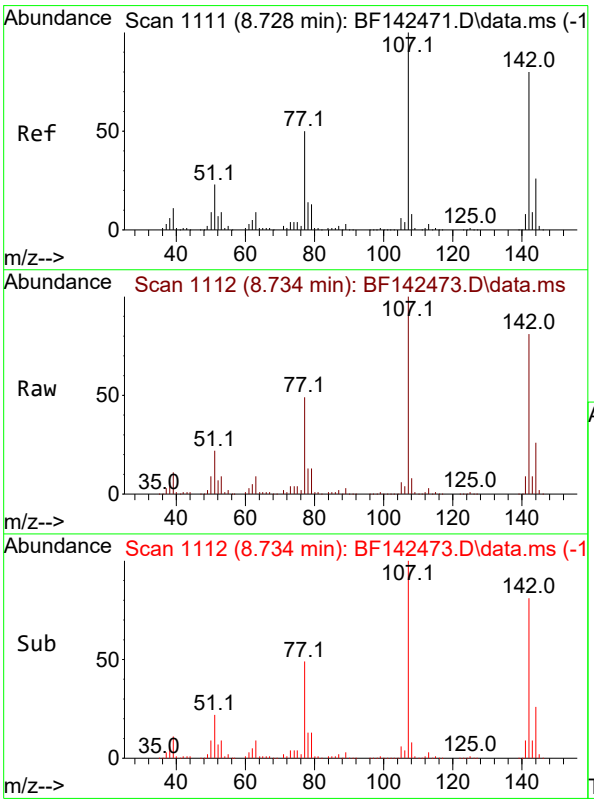
#35
Caprolactam
Concen: 58.650 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

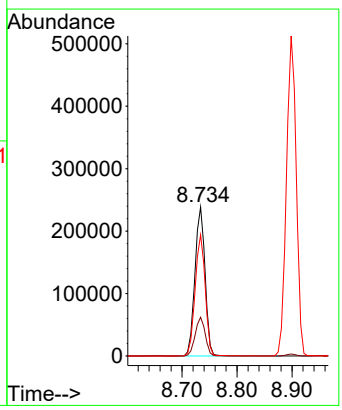


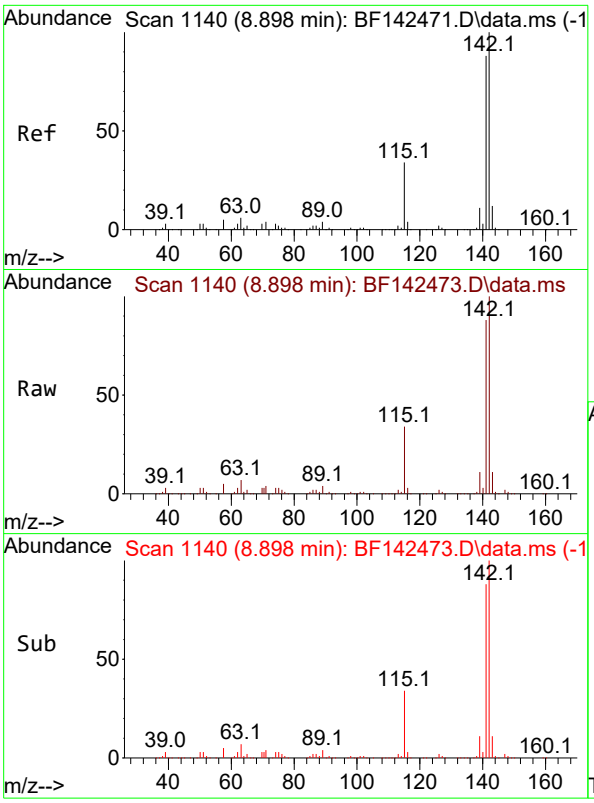


#36
4-Chloro-3-methylphenol
Concen: 59.352 ng
RT: 8.734 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



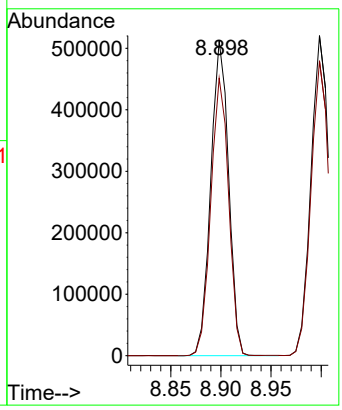


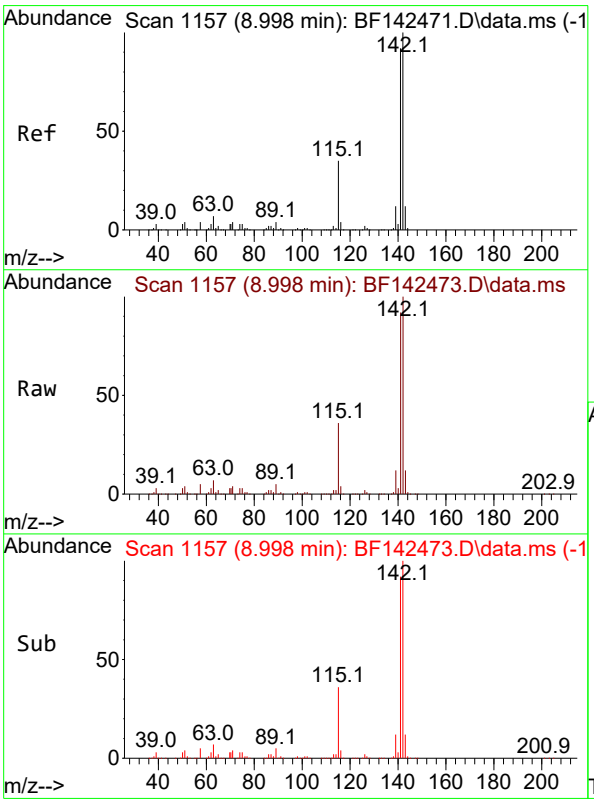
#37
2-Methylnaphthalene
Concen: 57.893 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 635148

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1

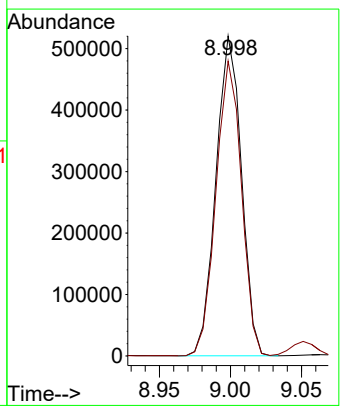


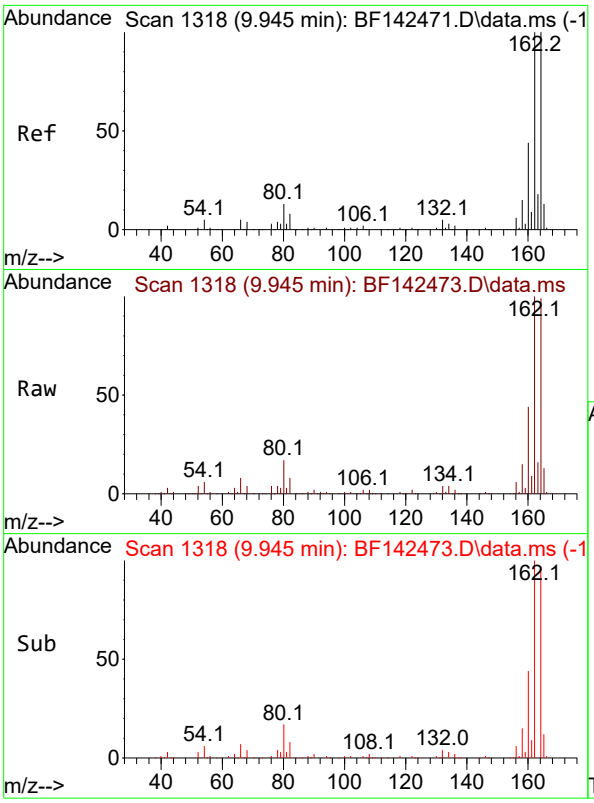


#38
1-Methylnaphthalene
Concen: 57.247 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:142 Resp: 649652

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2



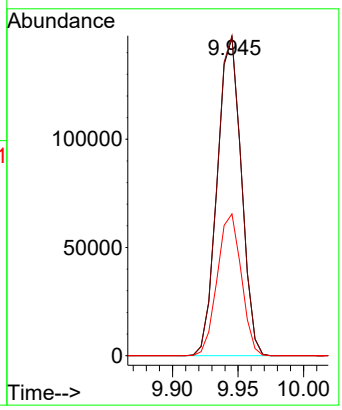


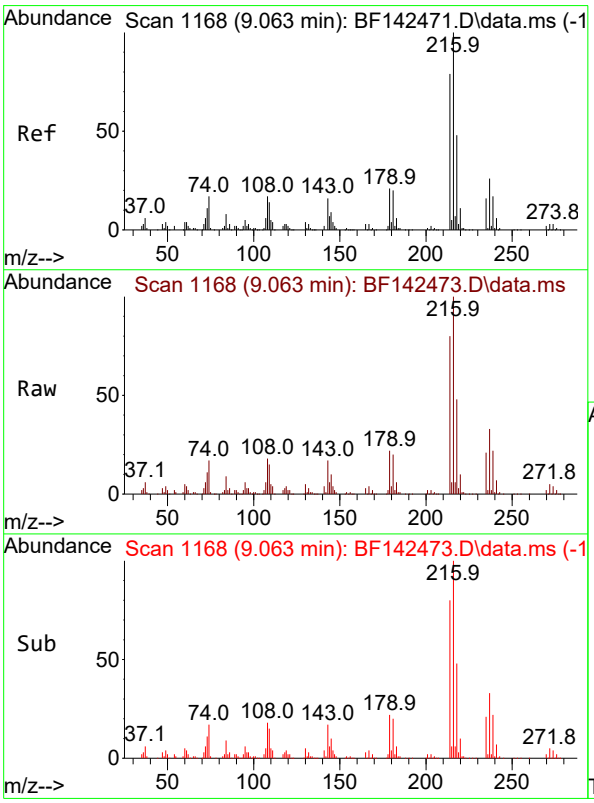
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

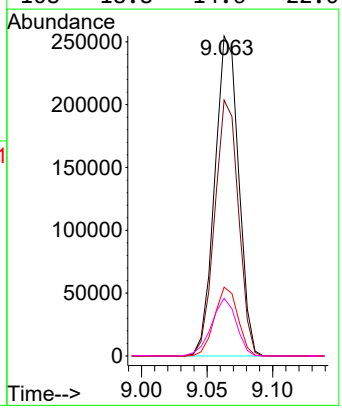


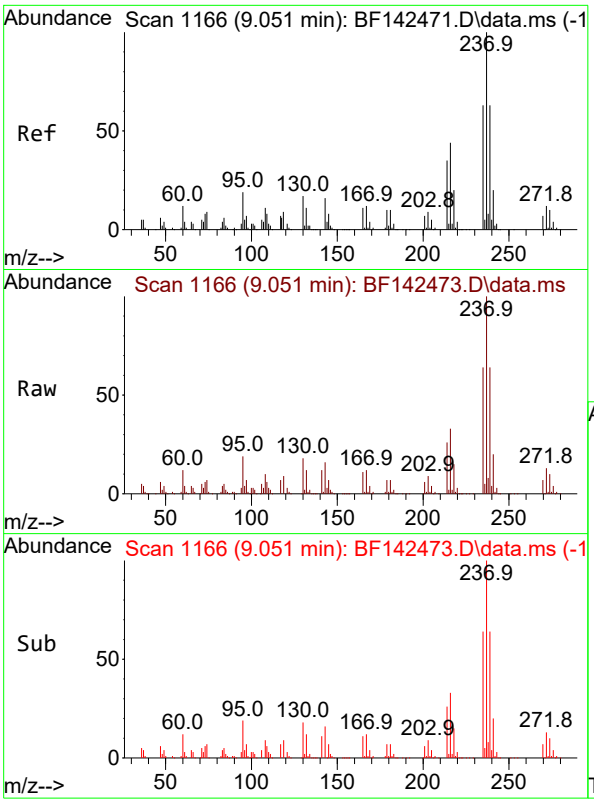


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.844 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



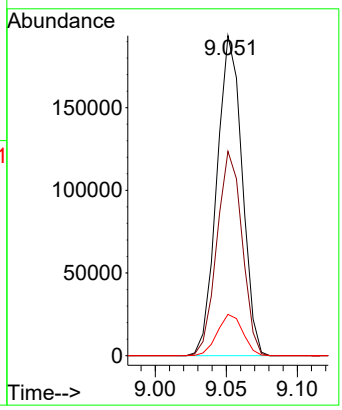


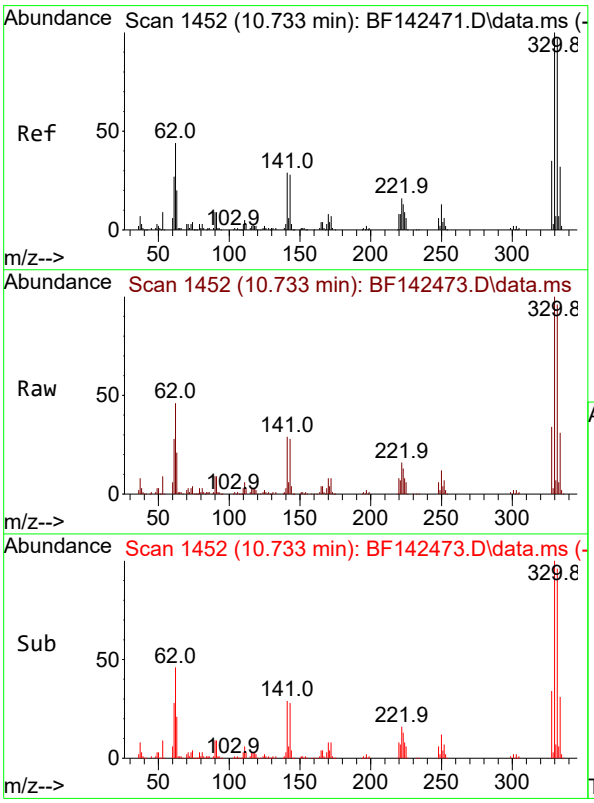
#41
Hexachlorocyclopentadiene
Concen: 65.820 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

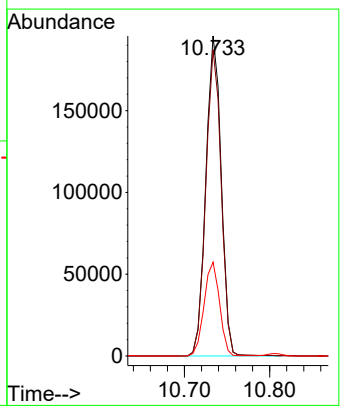


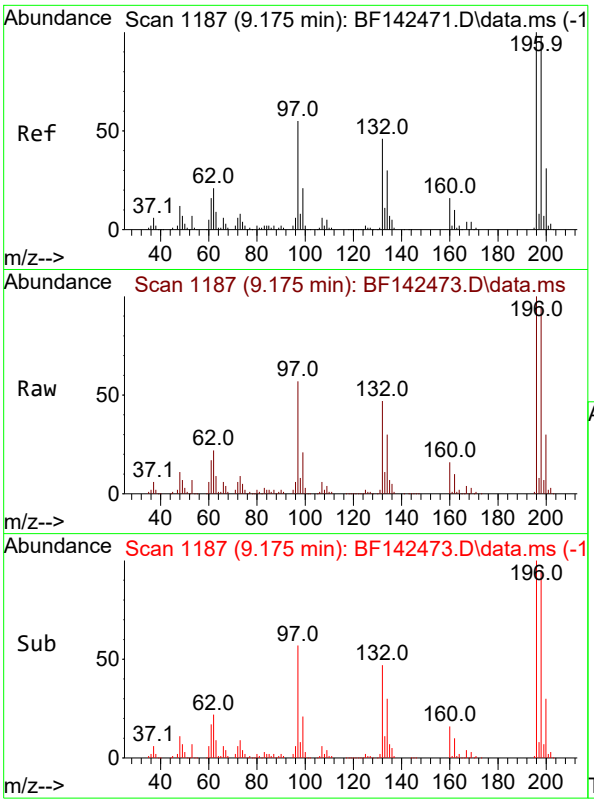


#42
2,4,6-Tribromophenol
Concen: 117.621 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



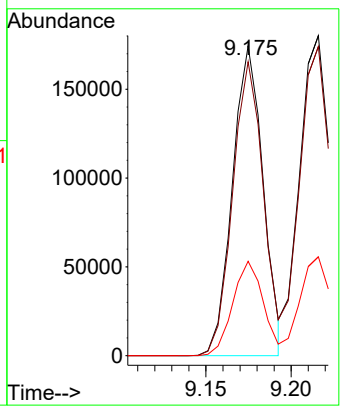


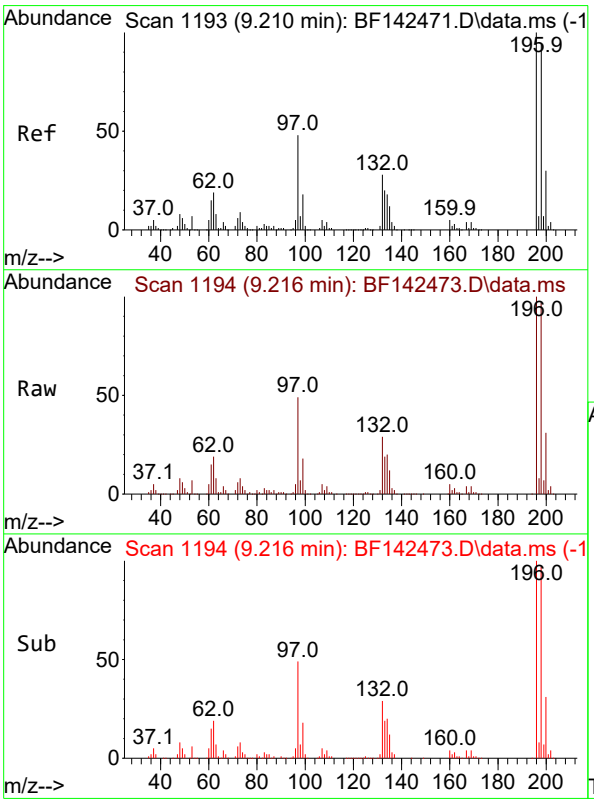
#43
2,4,6-Trichlorophenol
Concen: 60.098 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

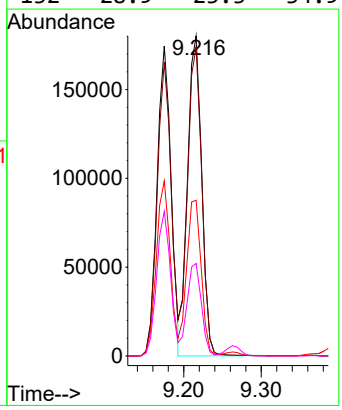


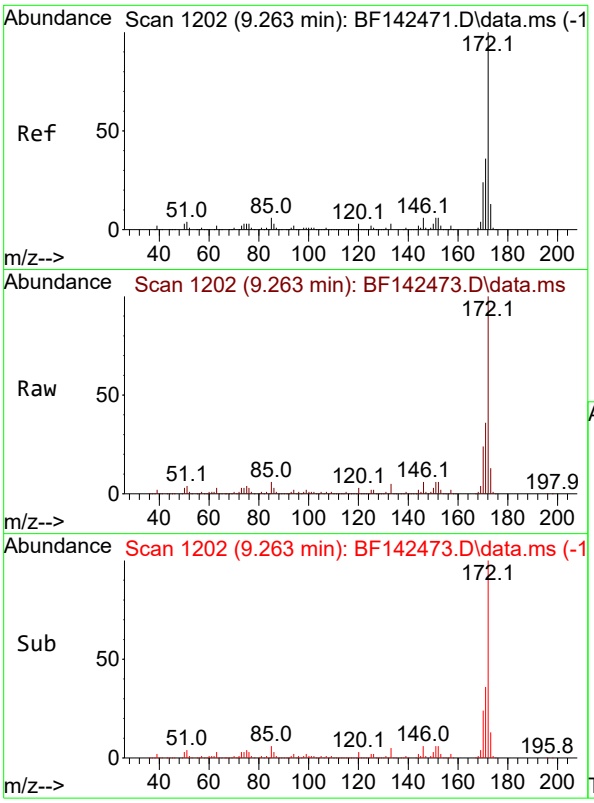


#44
2,4,5-Trichlorophenol
Concen: 59.916 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



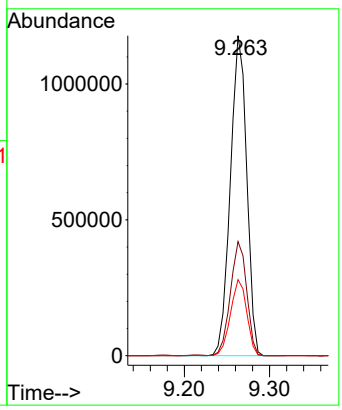


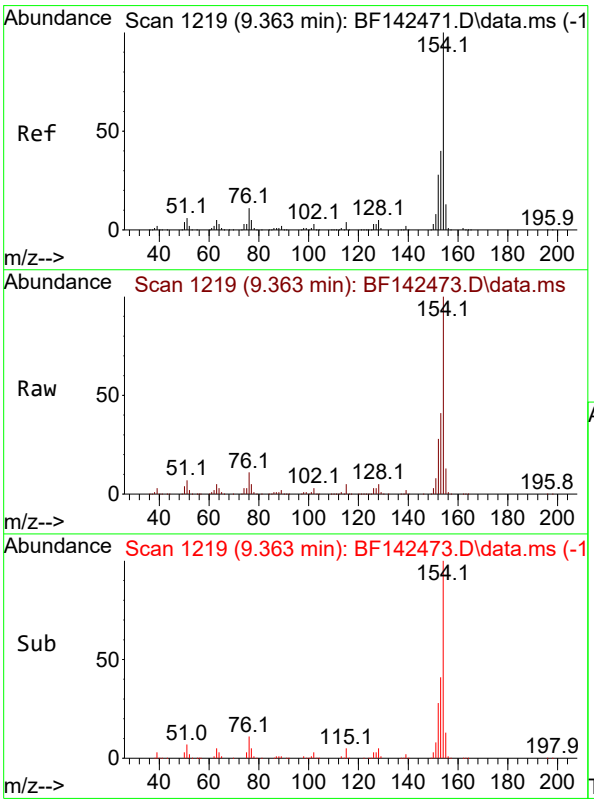
#45
2-Fluorobiphenyl
Concen: 112.426 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

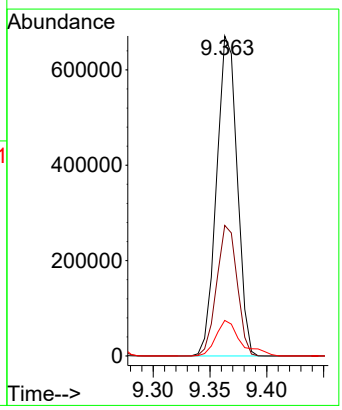


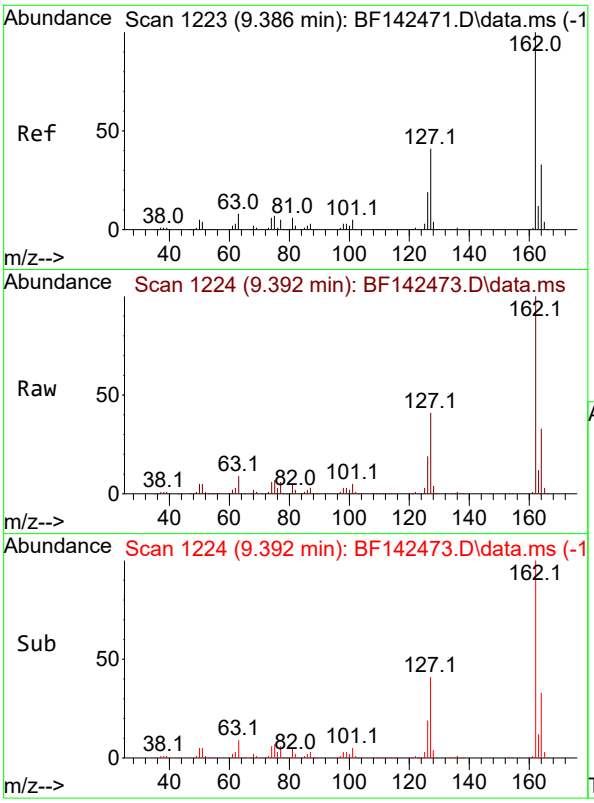


#46
1,1'-Biphenyl
Concen: 58.279 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



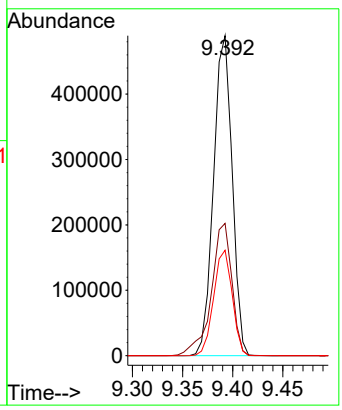


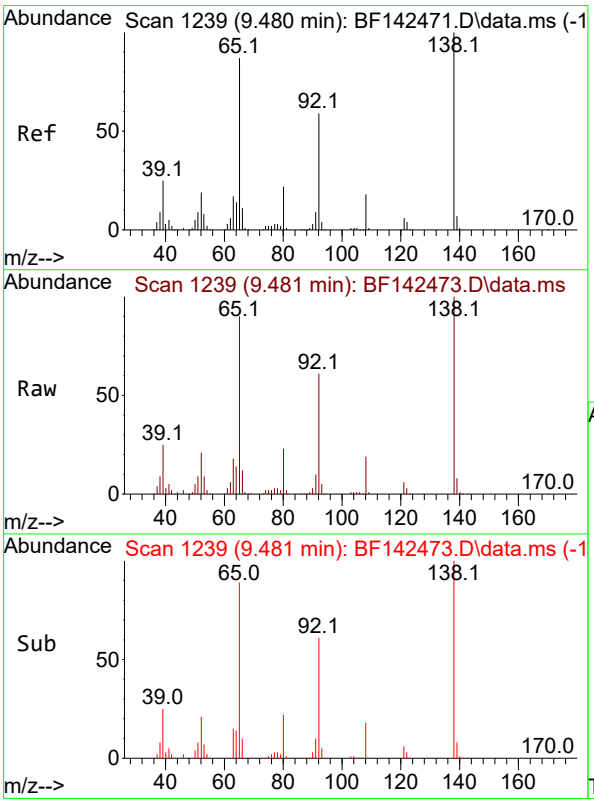
#47
2-Chloronaphthalene
Concen: 58.746 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

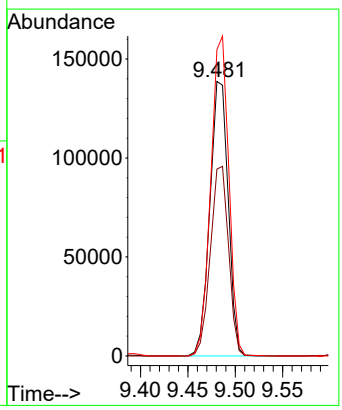


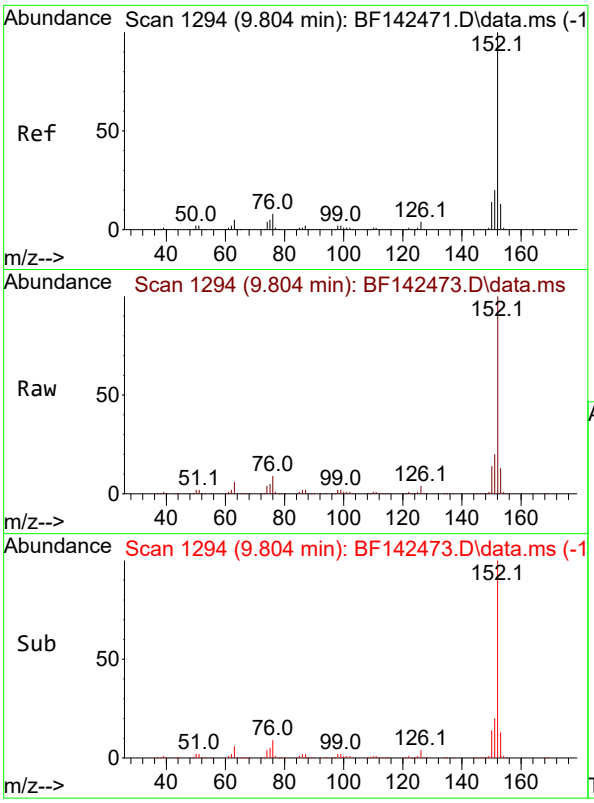


#48
2-Nitroaniline
Concen: 60.093 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



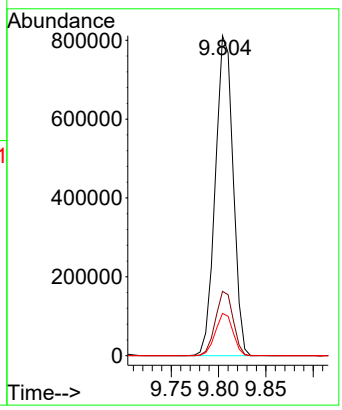


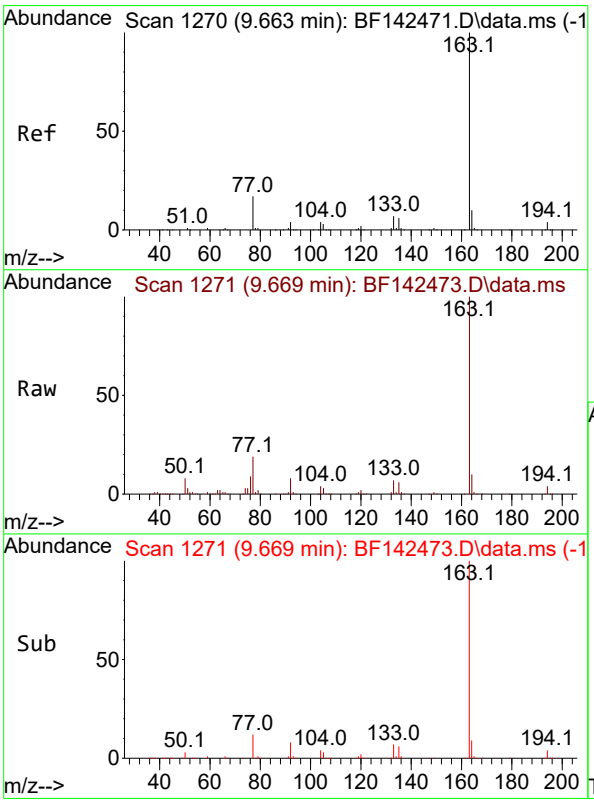
#49
Acenaphthylene
Concen: 58.411 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

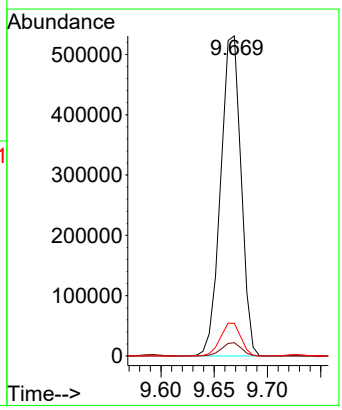


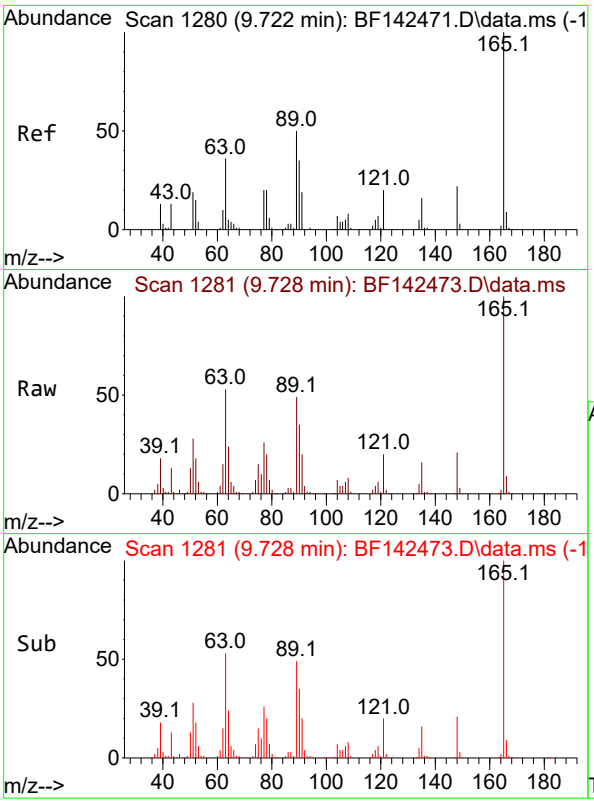


#50
Dimethylphthalate
Concen: 57.119 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



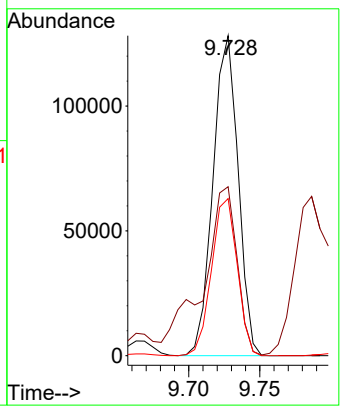


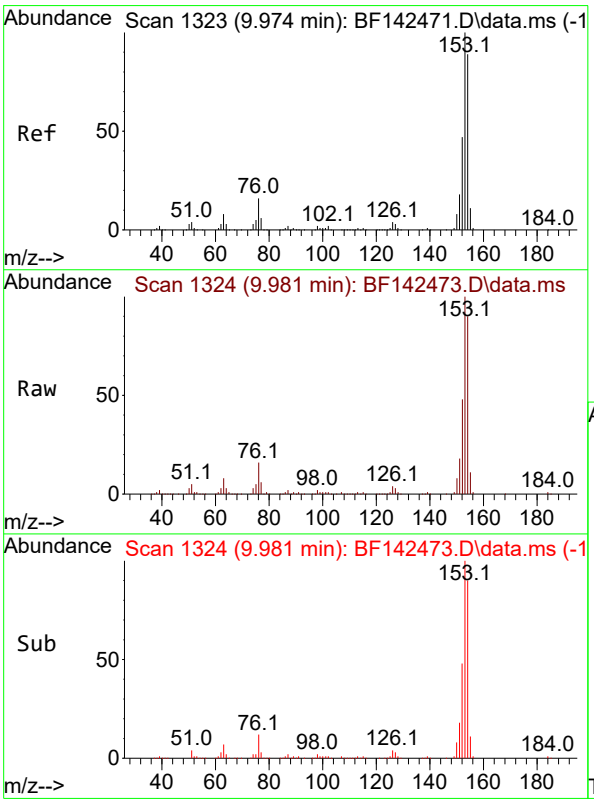
#51
2,6-Dinitrotoluene
Concen: 59.195 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

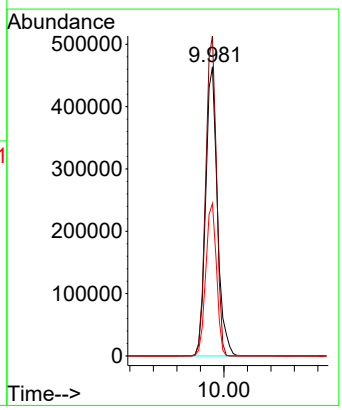


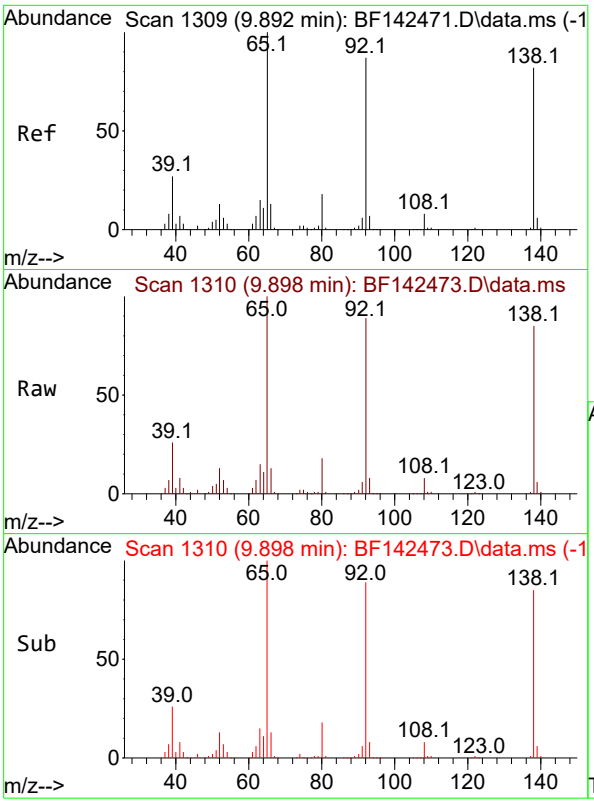


#52
Acenaphthene
Concen: 58.160 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



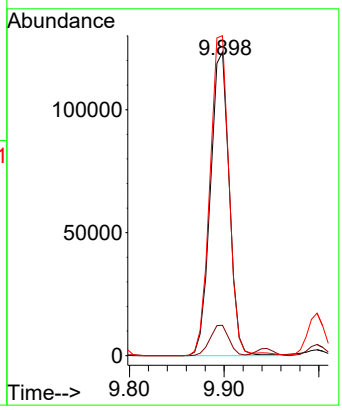


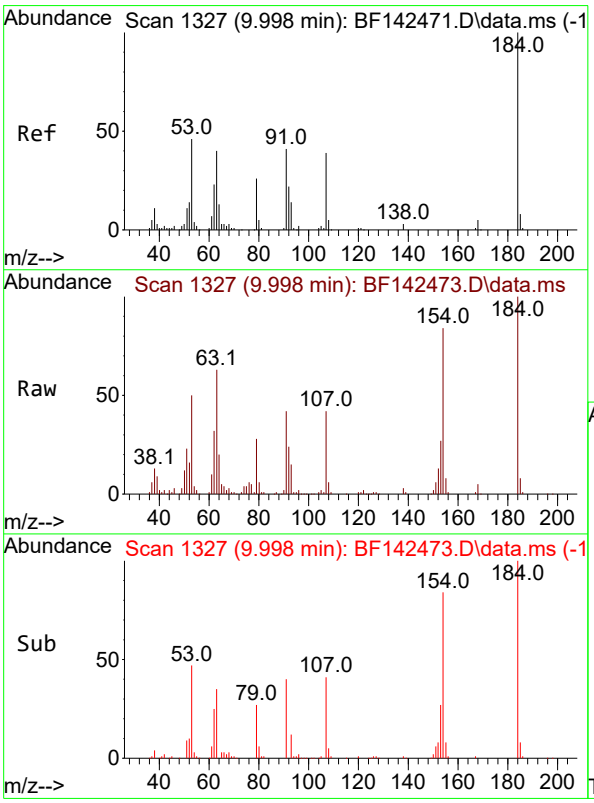
#53
3-Nitroaniline
Concen: 58.746 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

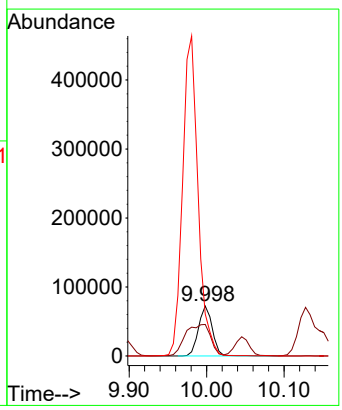


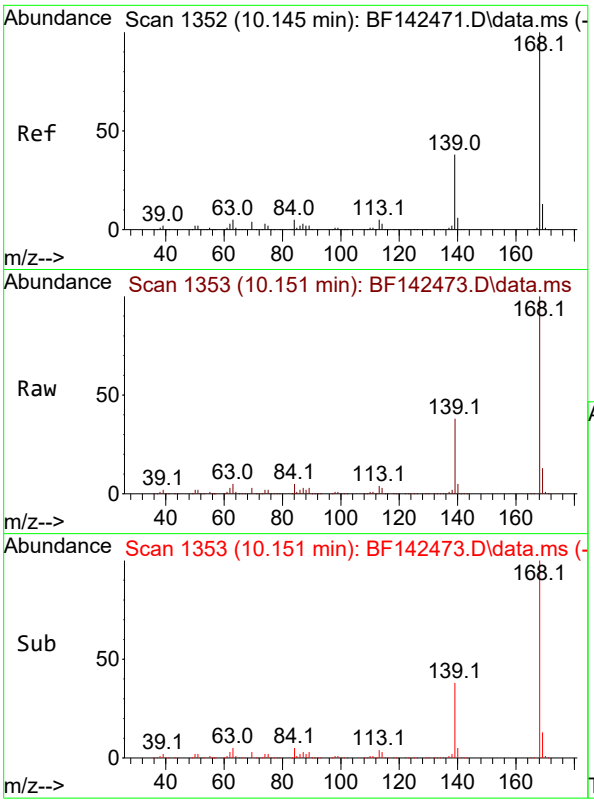


#54
2,4-Dinitrophenol
Concen: 65.126 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



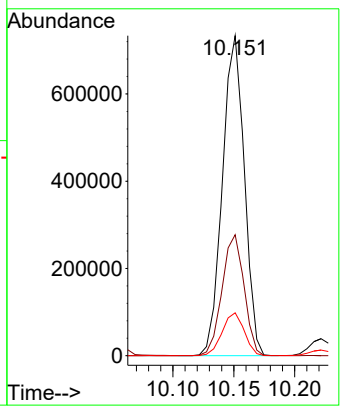


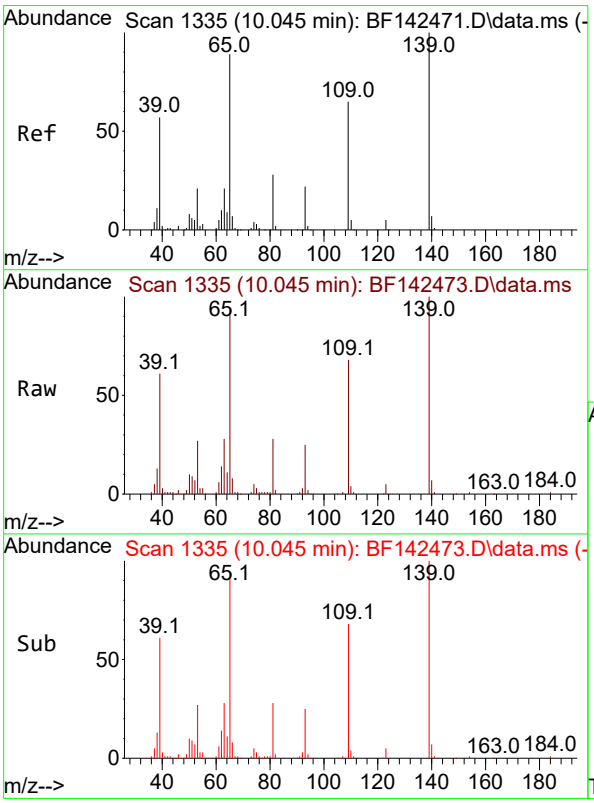
#55
Dibenzofuran
Concen: 57.677 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

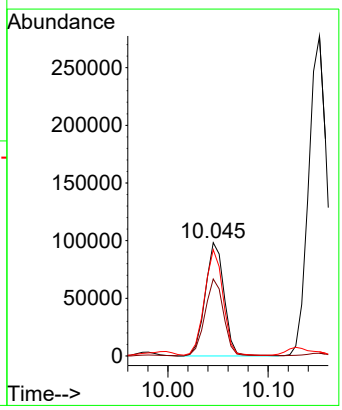


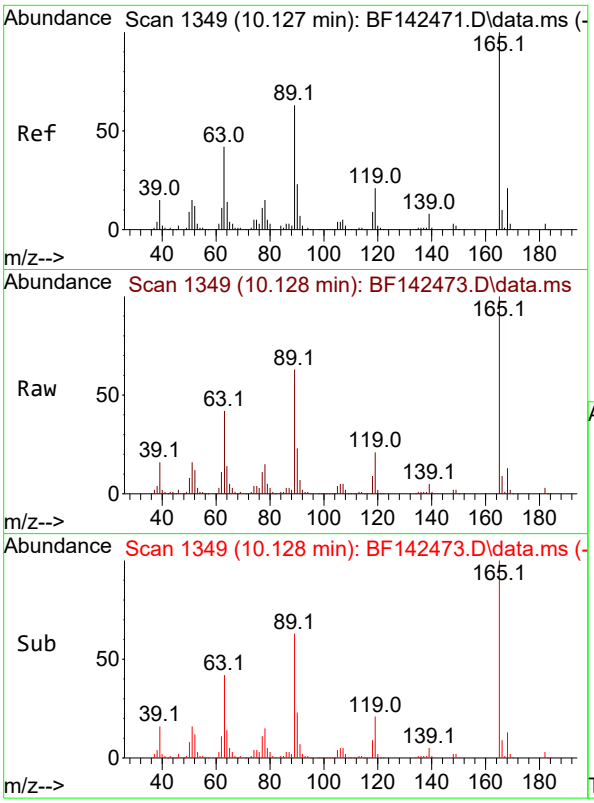


#56
4-Nitrophenol
Concen: 59.782 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



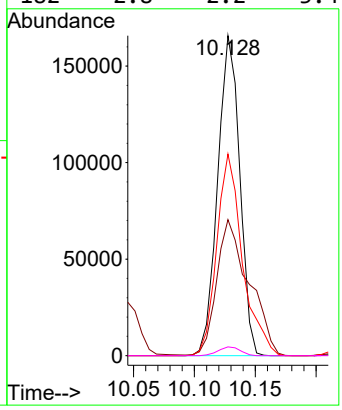


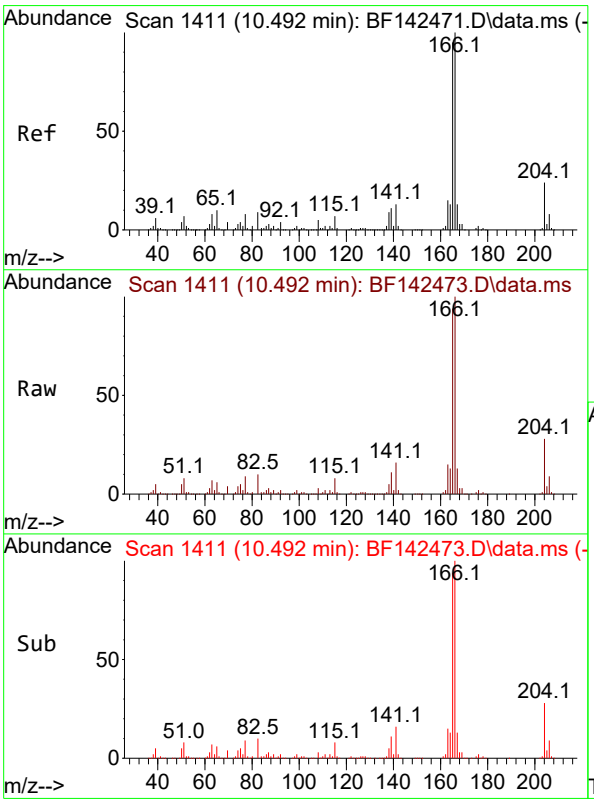
#57
2,4-Dinitrotoluene
Concen: 60.012 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

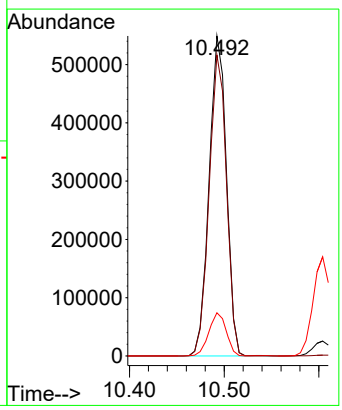


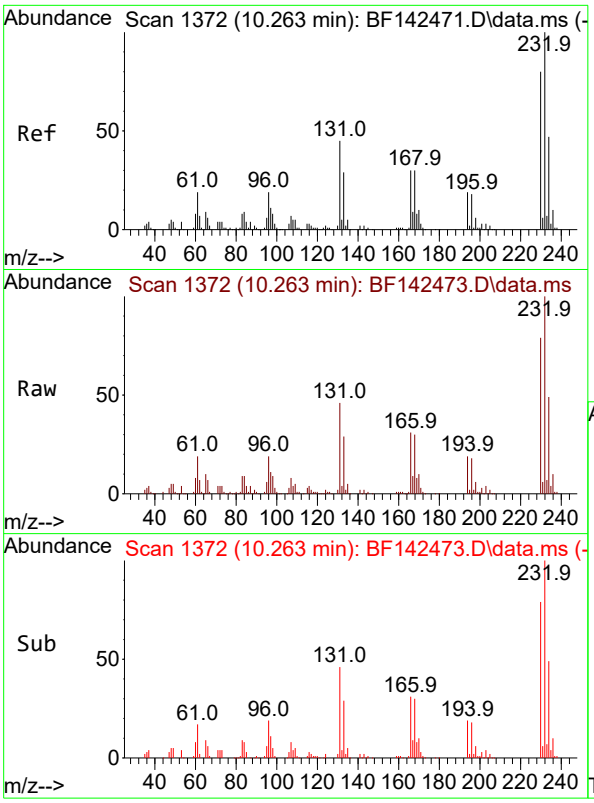


#58
Fluorene
Concen: 56.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



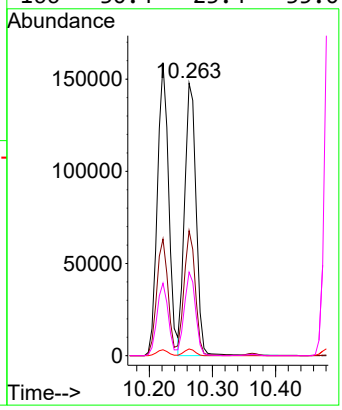


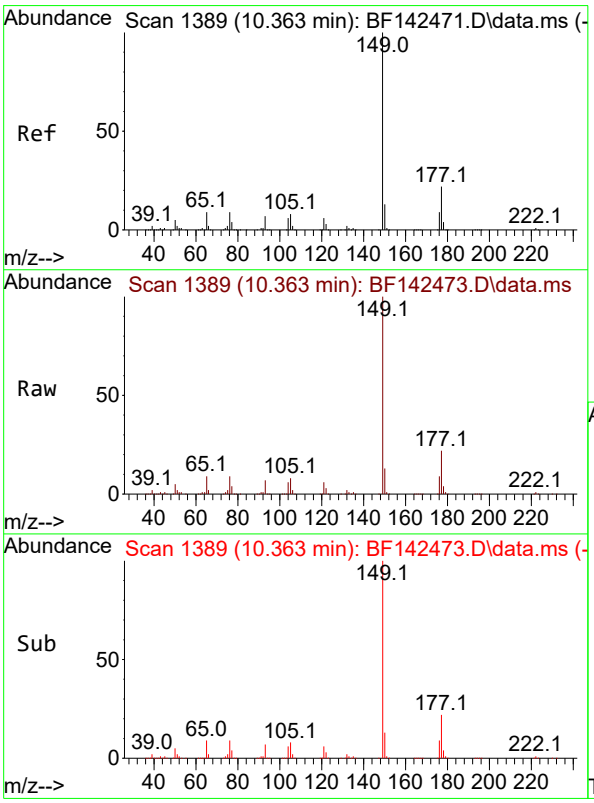
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.609 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

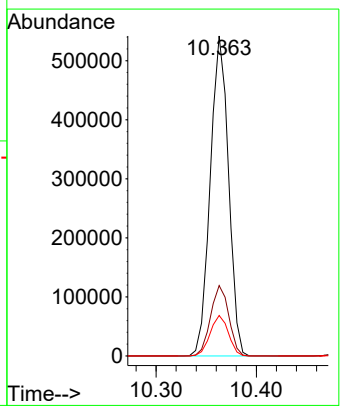


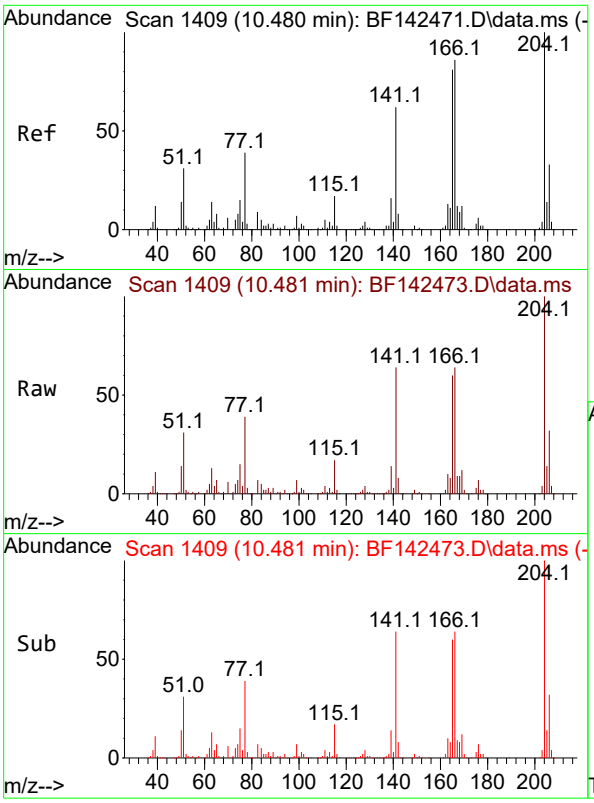


#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



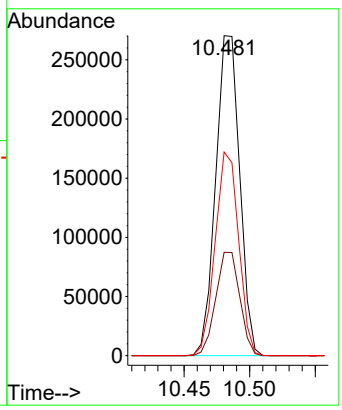


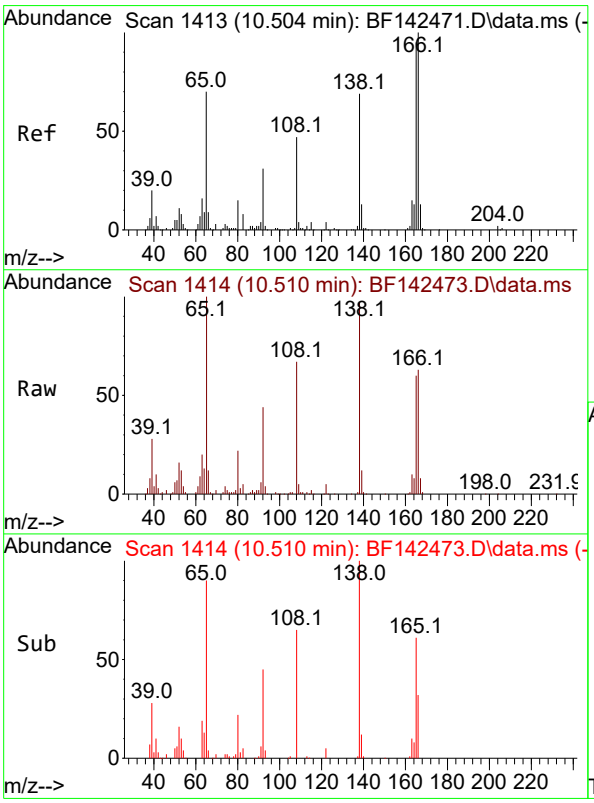
#61
4-Chlorophenyl-phenylether
Concen: 56.880 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

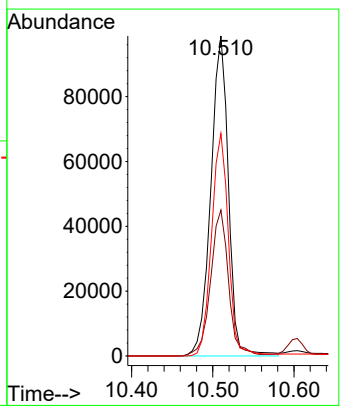


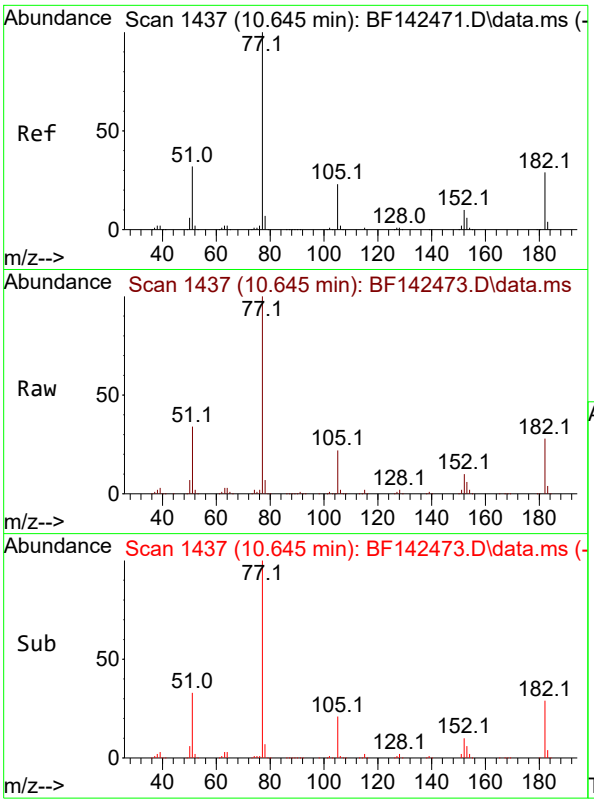


#62
4-Nitroaniline
Concen: 56.302 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



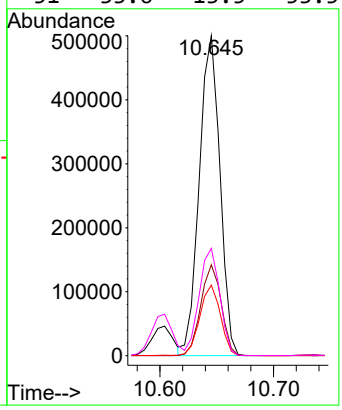


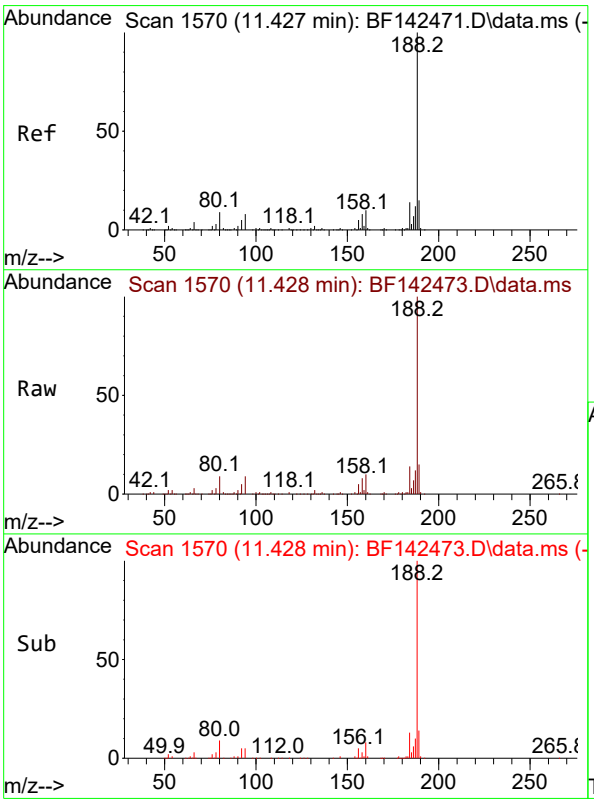
#63
Azobenzene
Concen: 58.221 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

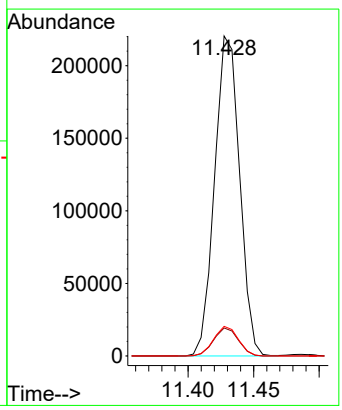


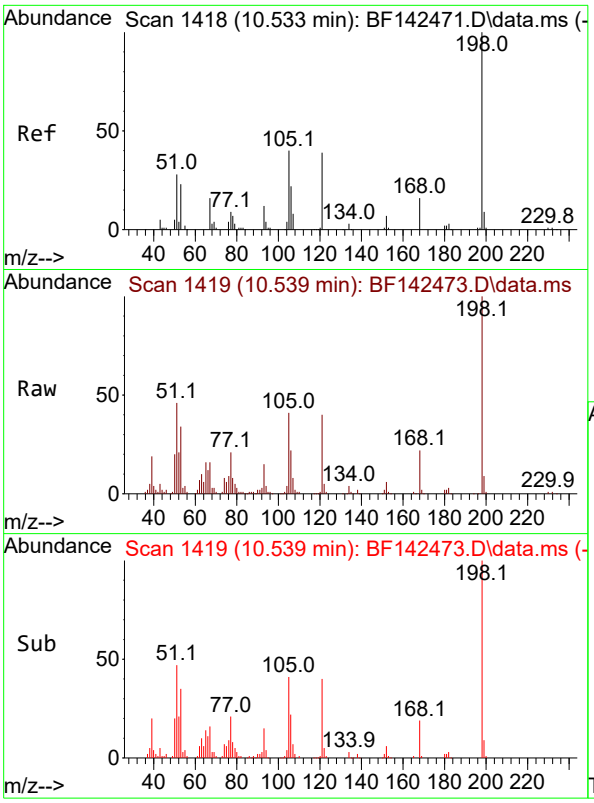


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



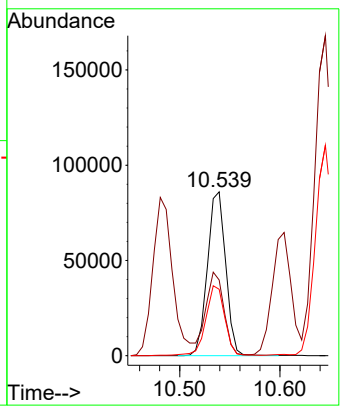


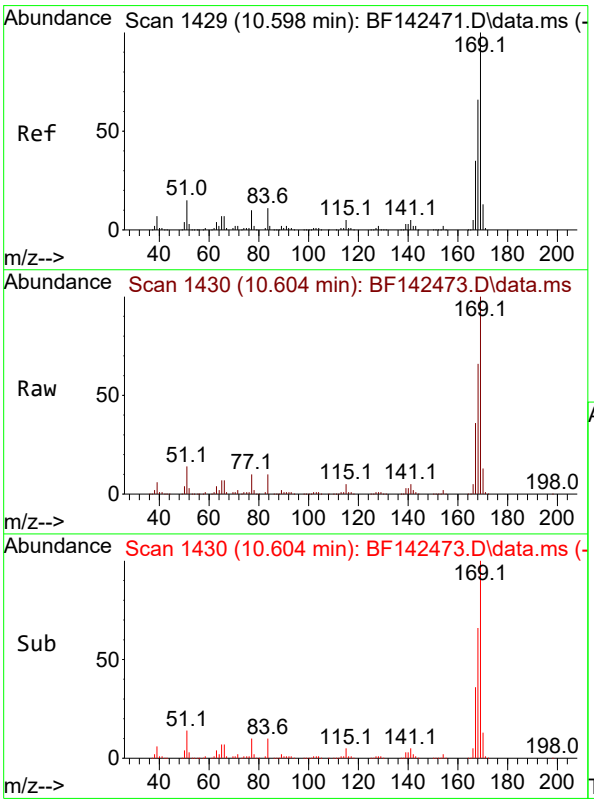
#65
4,6-Dinitro-2-methylphenol
Concen: 66.950 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

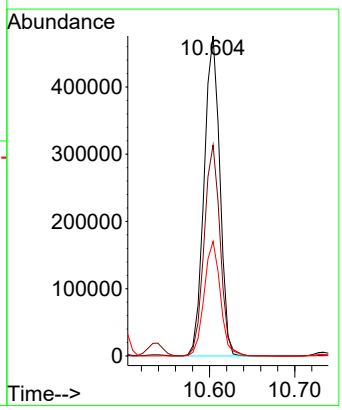


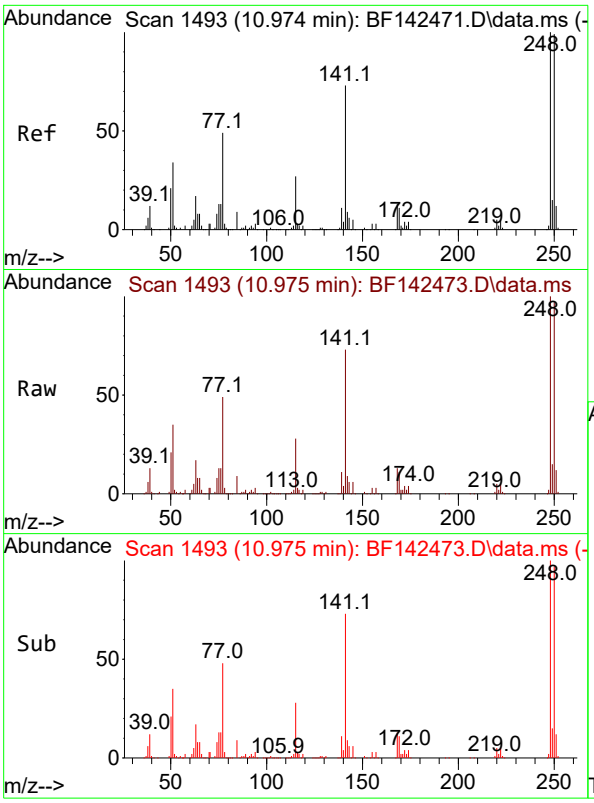


#66
n-Nitrosodiphenylamine
Concen: 60.861 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



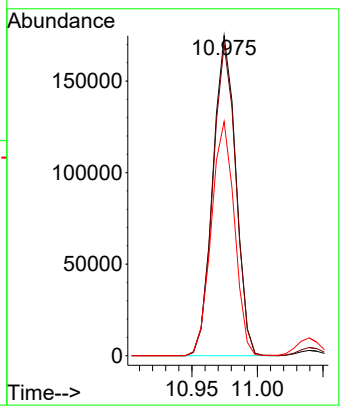


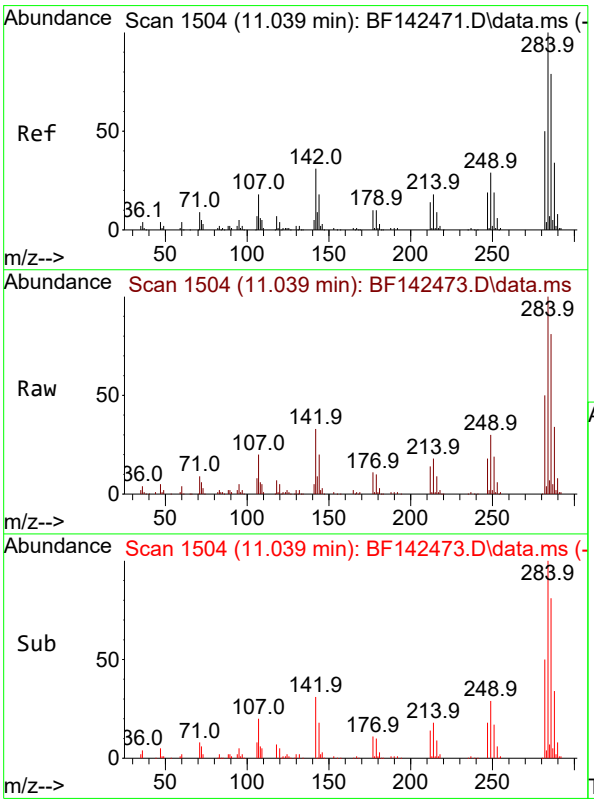
#67
4-Bromophenyl-phenylether
Concen: 61.546 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

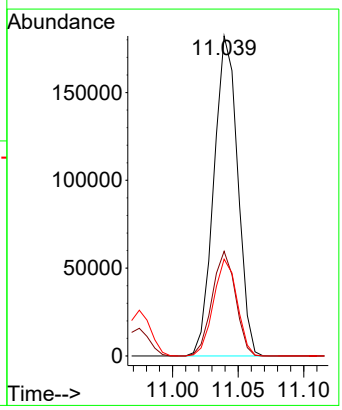


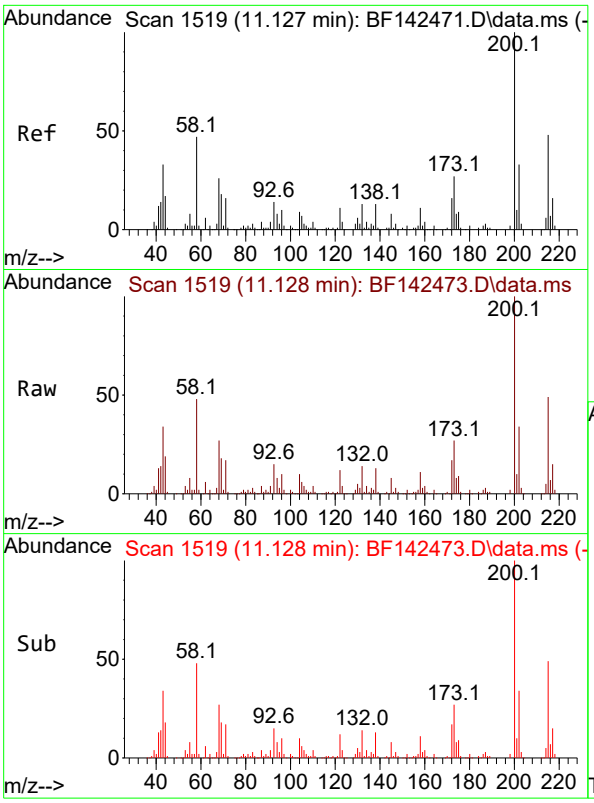


#68
Hexachlorobenzene
Concen: 60.168 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



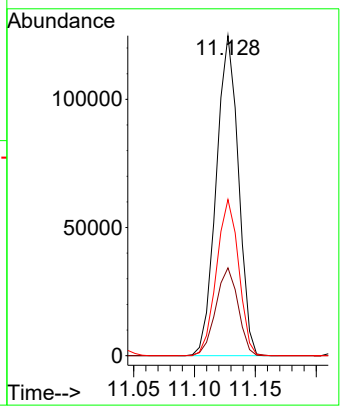


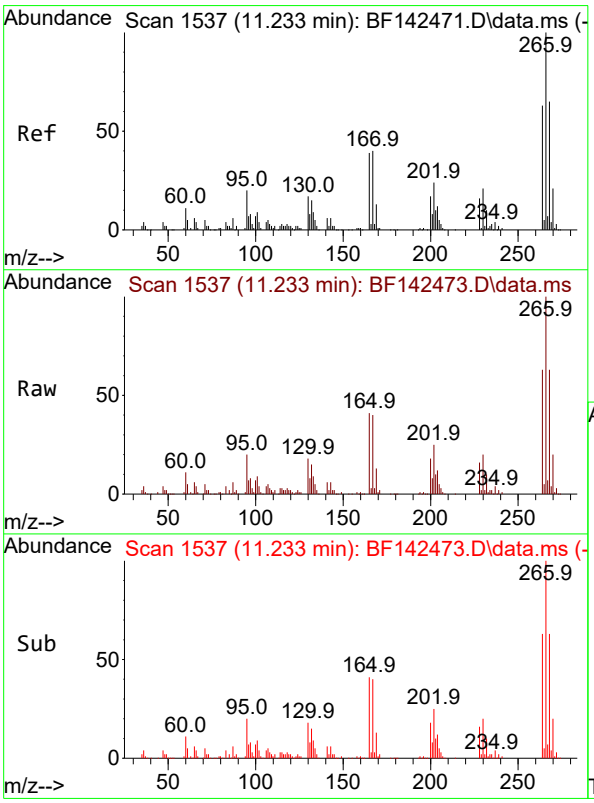
#69
Atrazine
Concen: 59.604 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

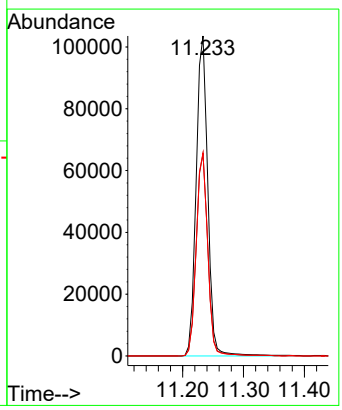


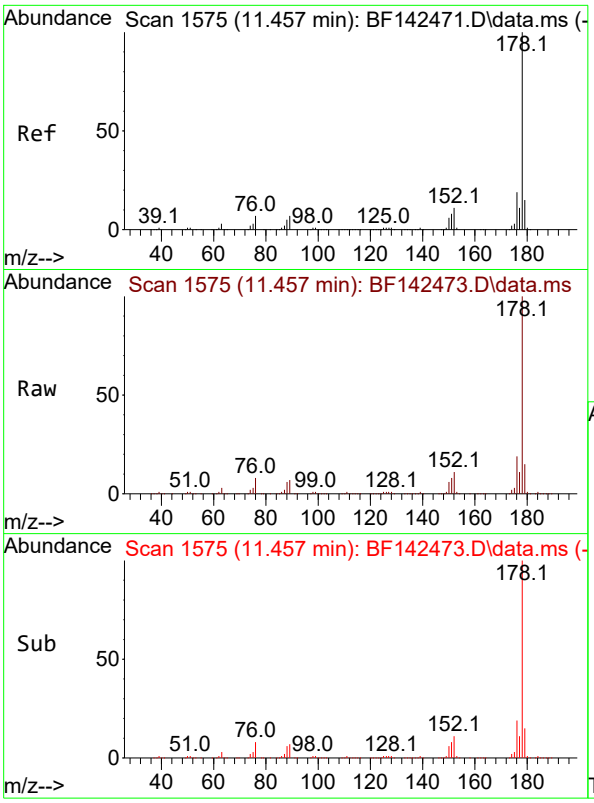


#70
Pentachlorophenol
Concen: 63.663 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



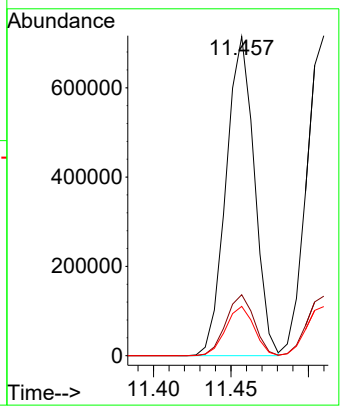


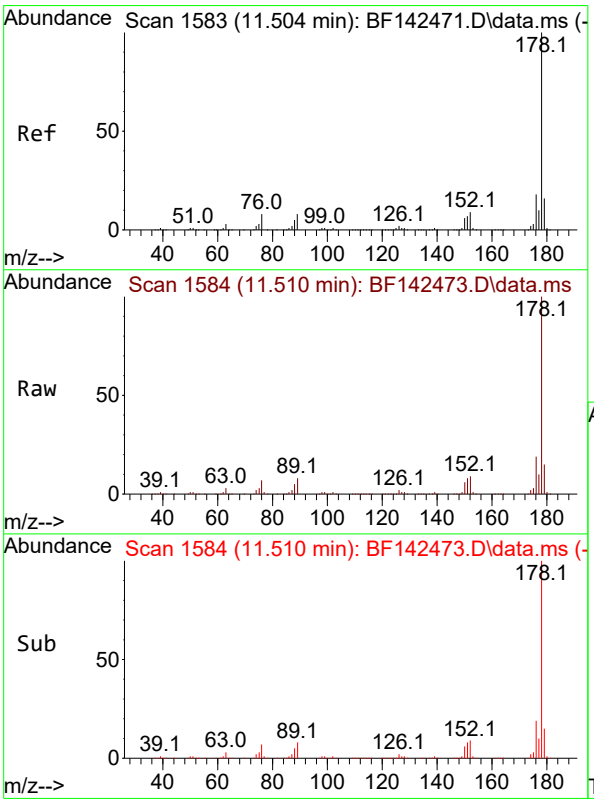
#71
Phenanthrene
Concen: 57.961 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

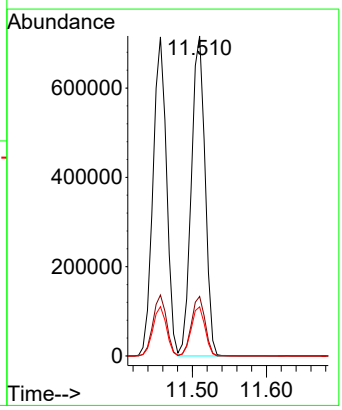


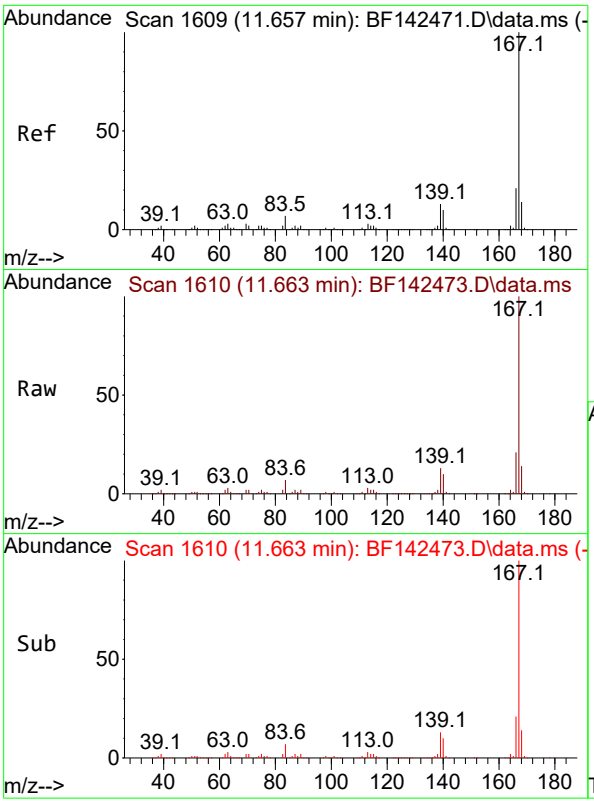


#72
Anthracene
Concen: 57.627 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



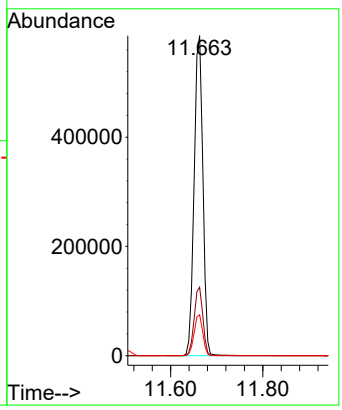


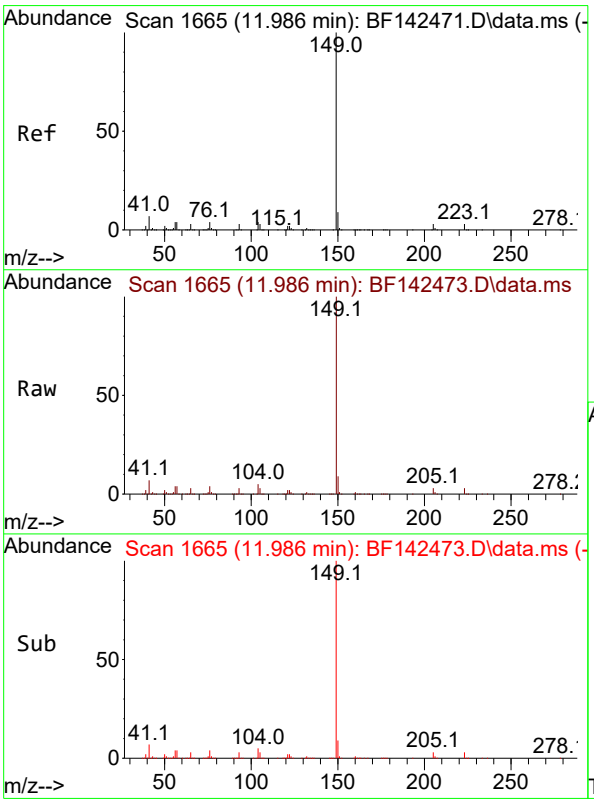
#73
Carbazole
Concen: 56.455 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

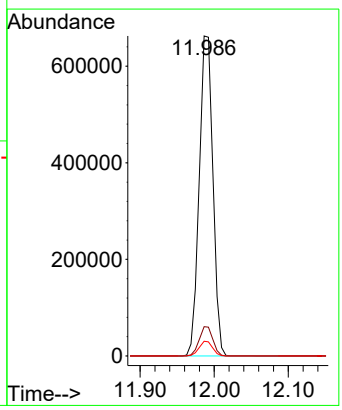


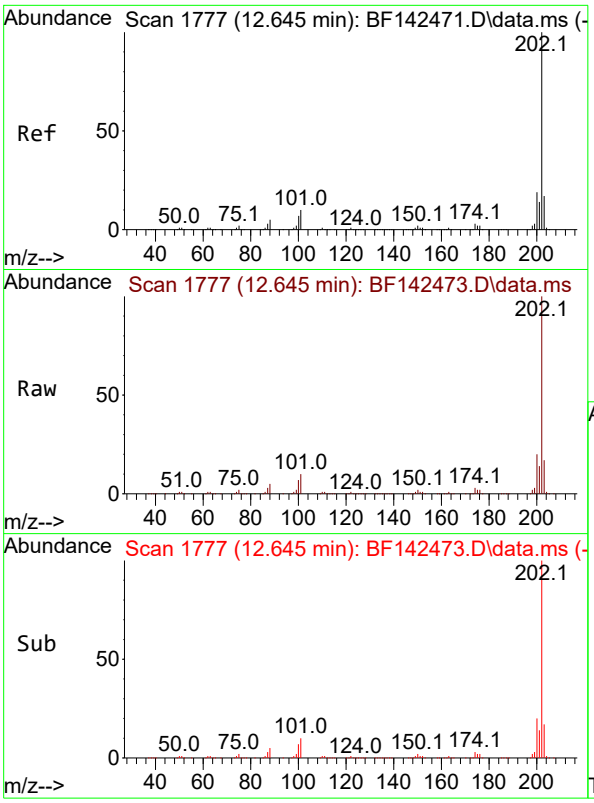


#74
Di-n-butylphthalate
Concen: 57.234 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



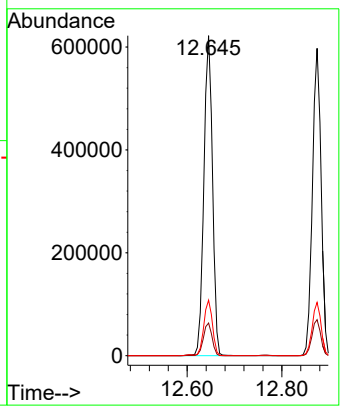


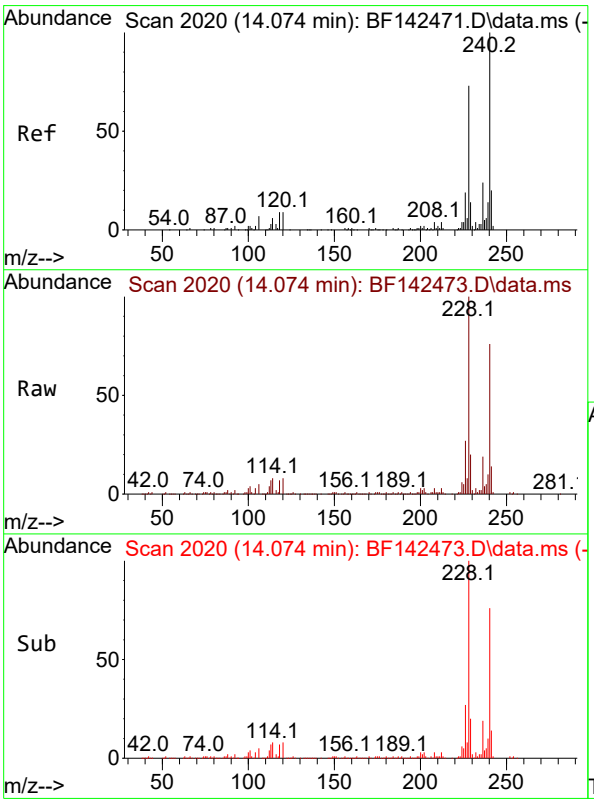
#75
Fluoranthene
Concen: 54.112 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

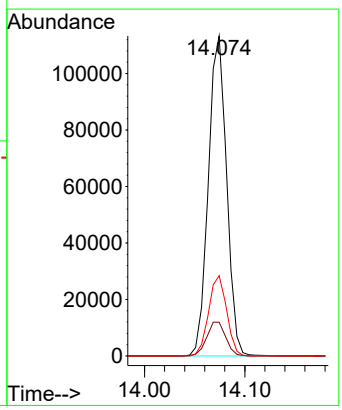


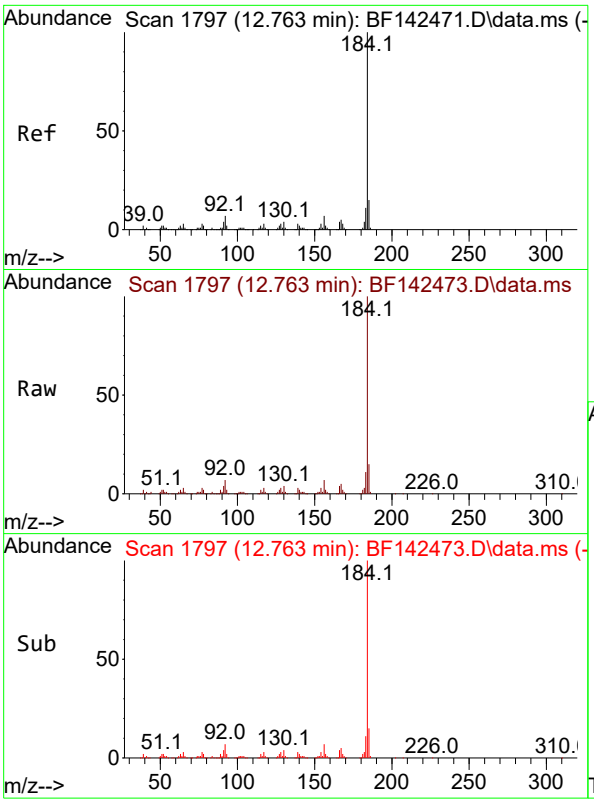


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



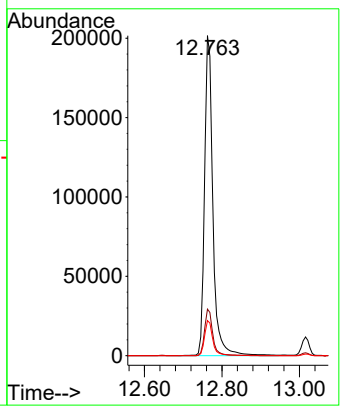


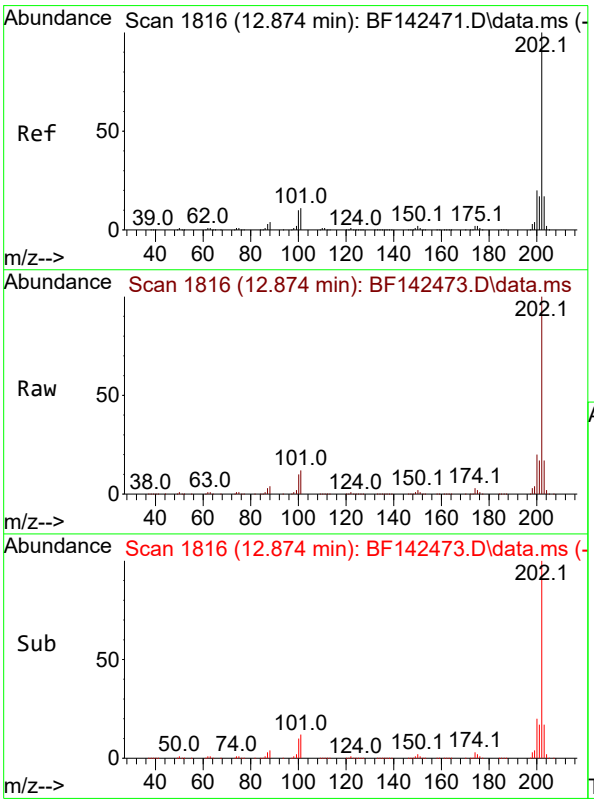
#77
Benzidine
Concen: 56.251 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

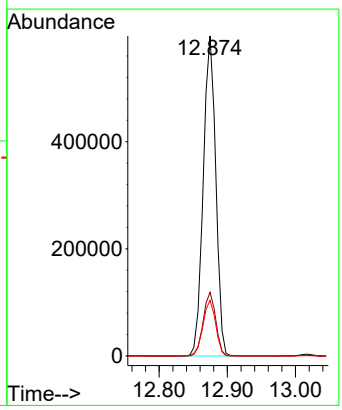


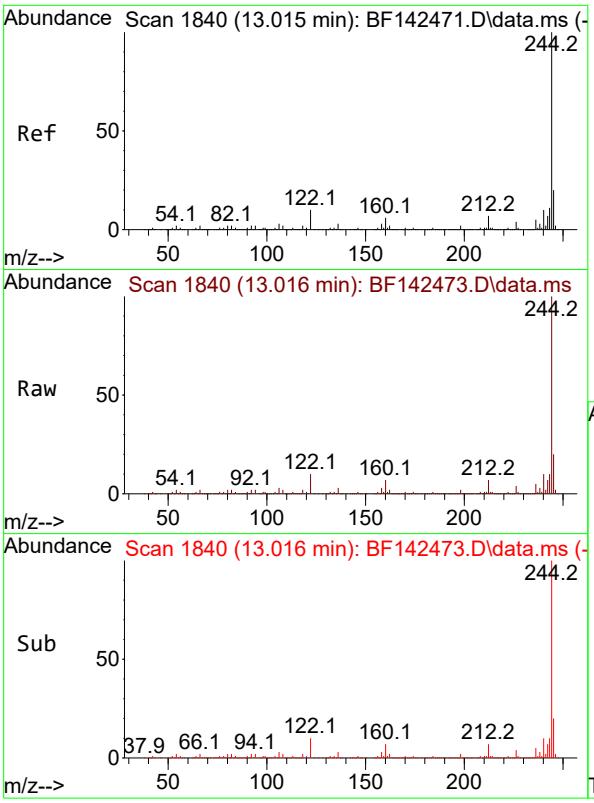


#78
Pyrene
Concen: 57.017 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



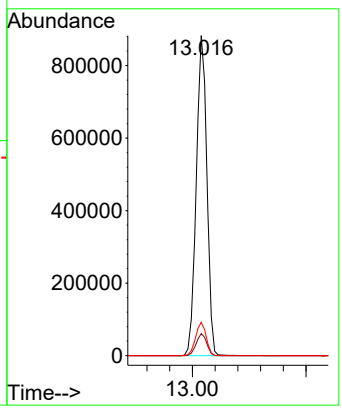


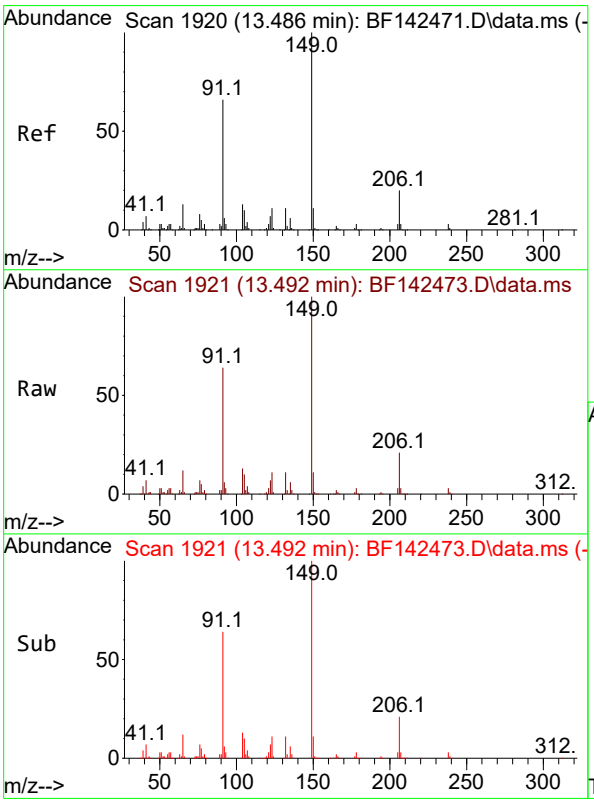
#79
Terphenyl-d14
Concen: 109.634 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

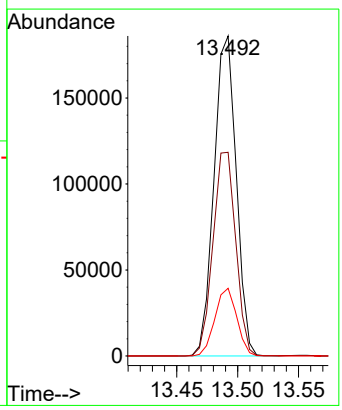


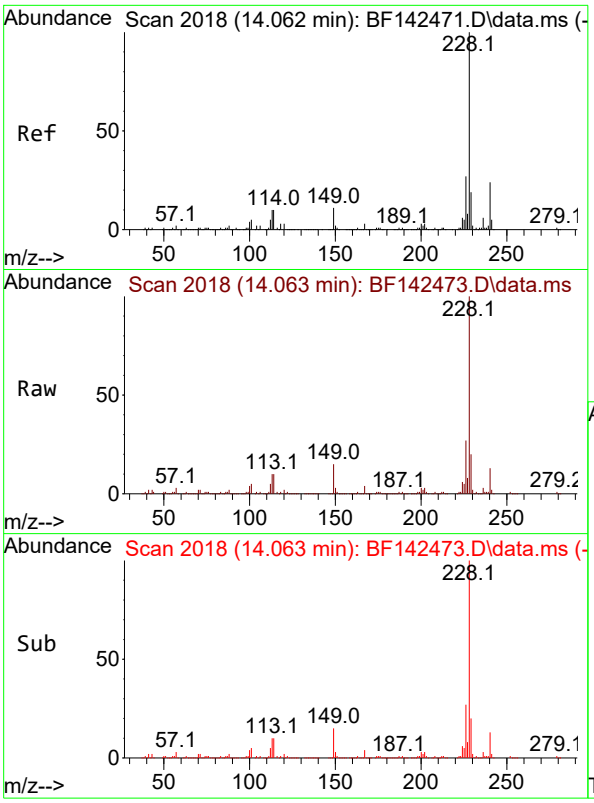


#80
Butylbenzylphthalate
Concen: 63.972 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



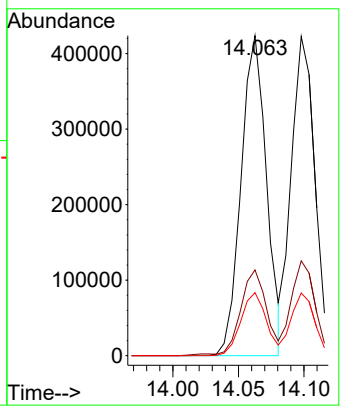


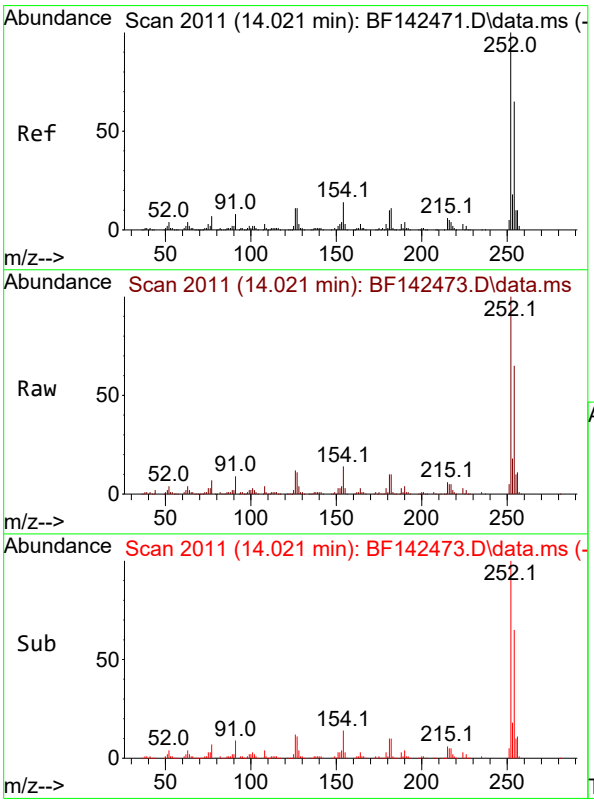
#81
Benzo(a)anthracene
Concen: 59.620 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

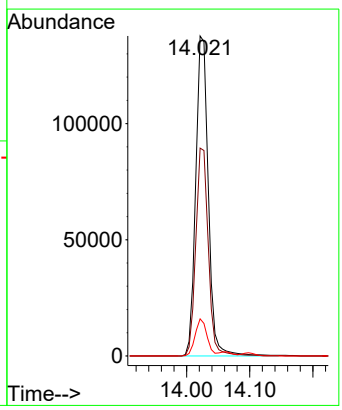


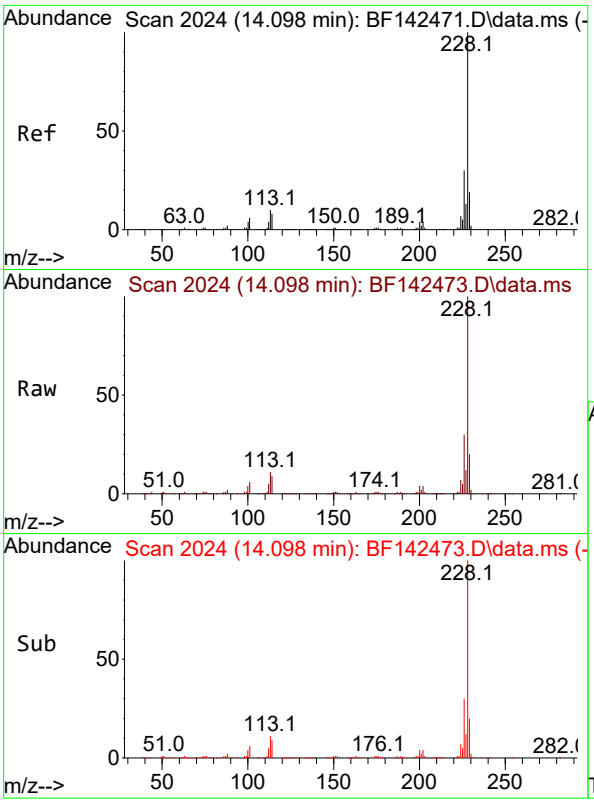


#82
3,3'-Dichlorobenzidine
Concen: 65.480 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



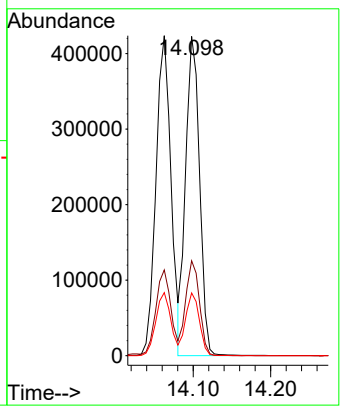


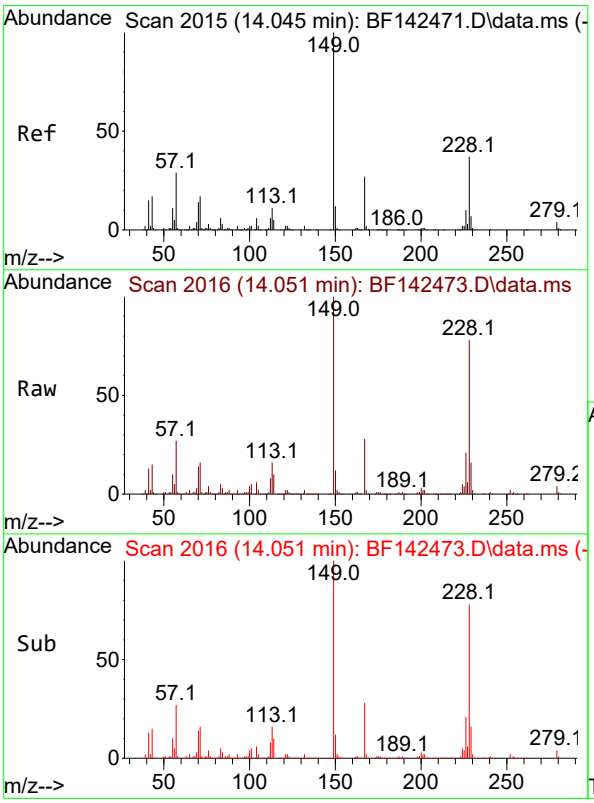
#83
Chrysene
Concen: 61.153 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

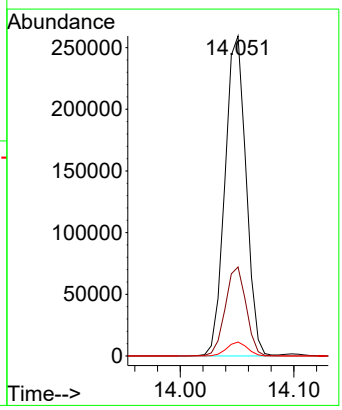


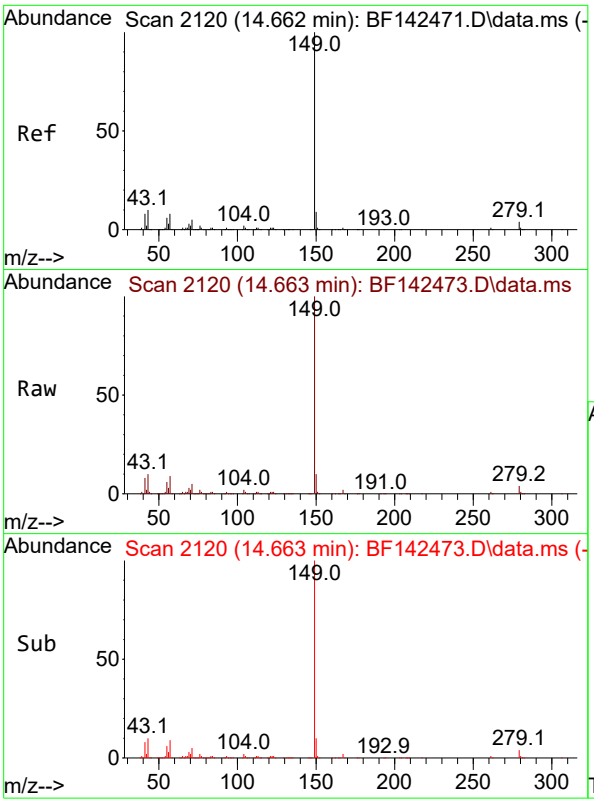


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.698 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



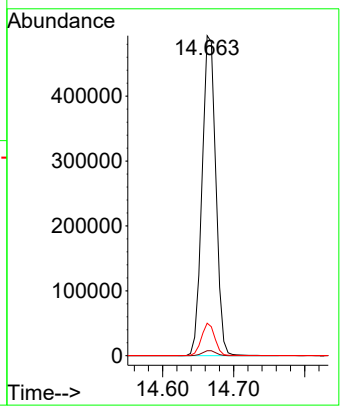


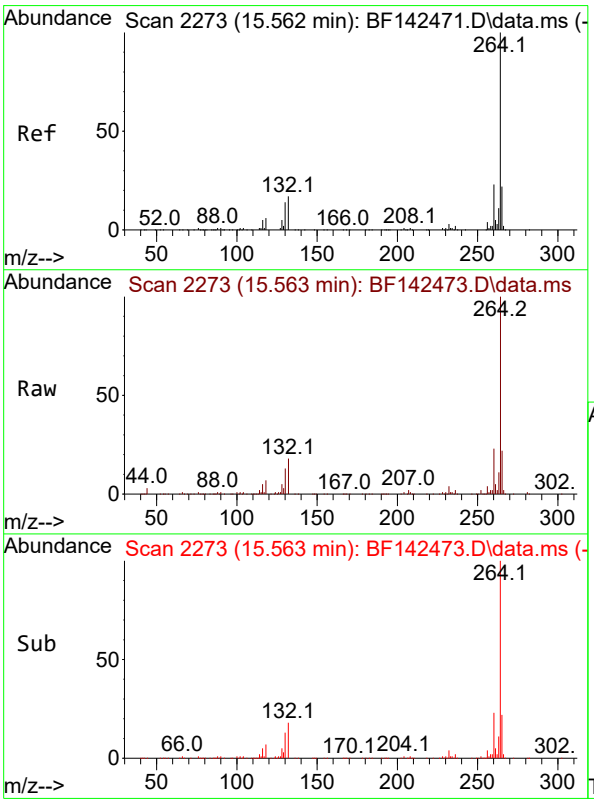
#85
Di-n-octyl phthalate
Concen: 71.701 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

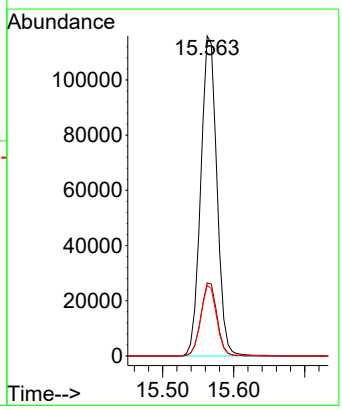


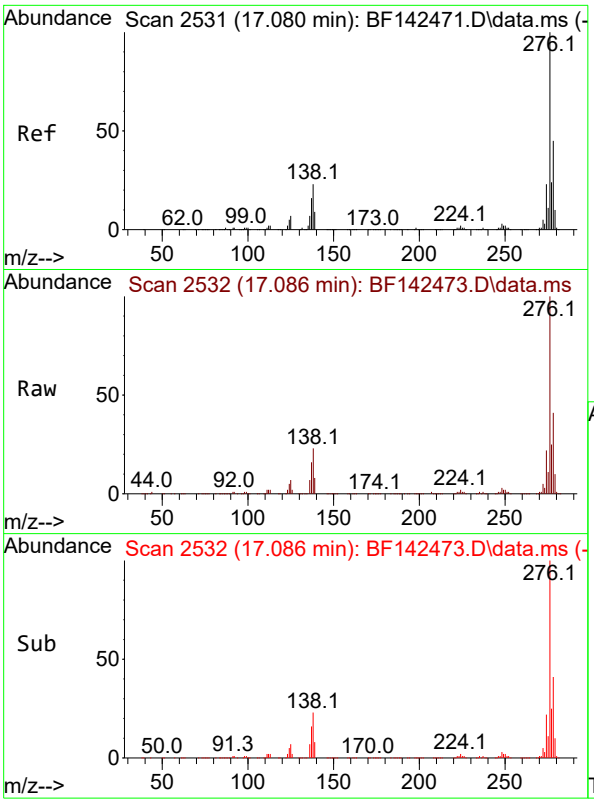


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



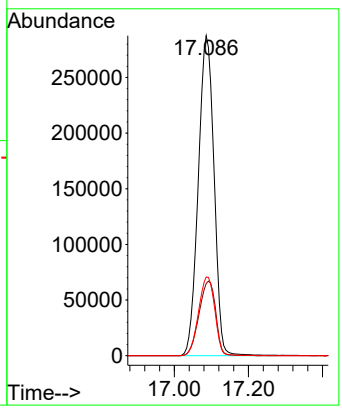


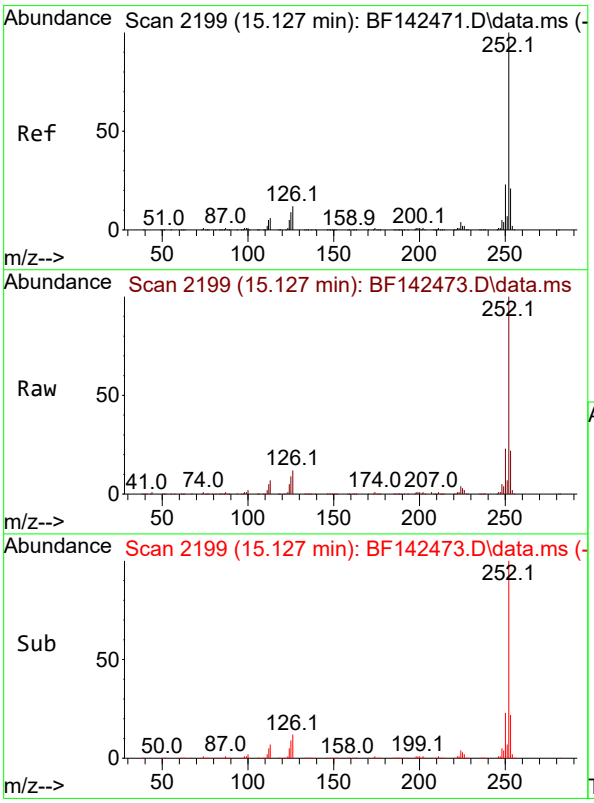
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.761 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

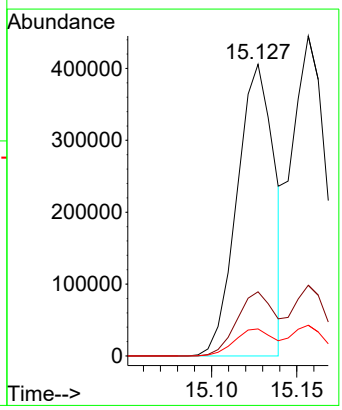


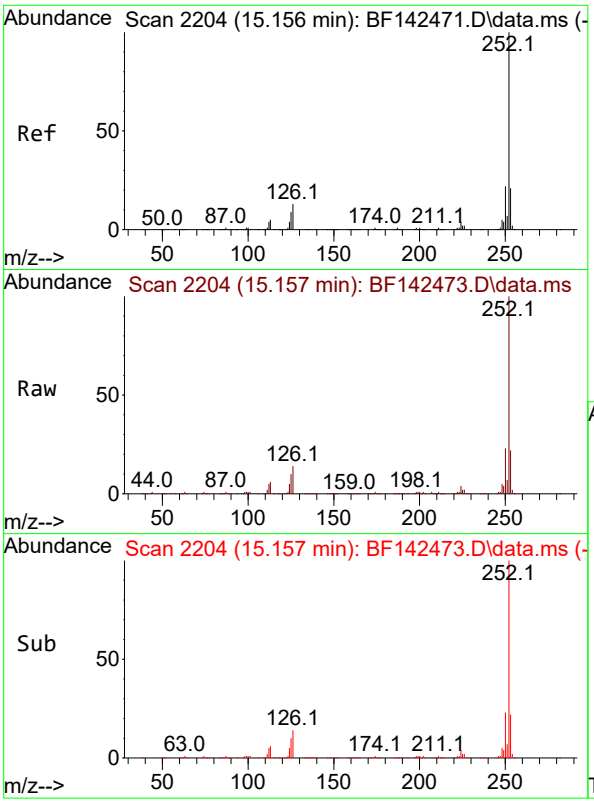


#88
Benzo(b)fluoranthene
Concen: 56.878 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



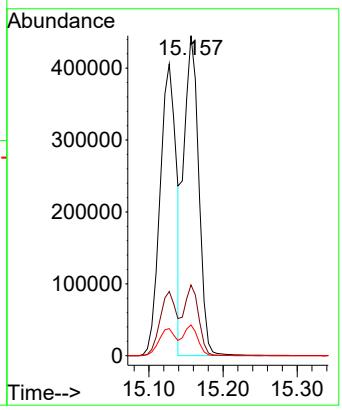


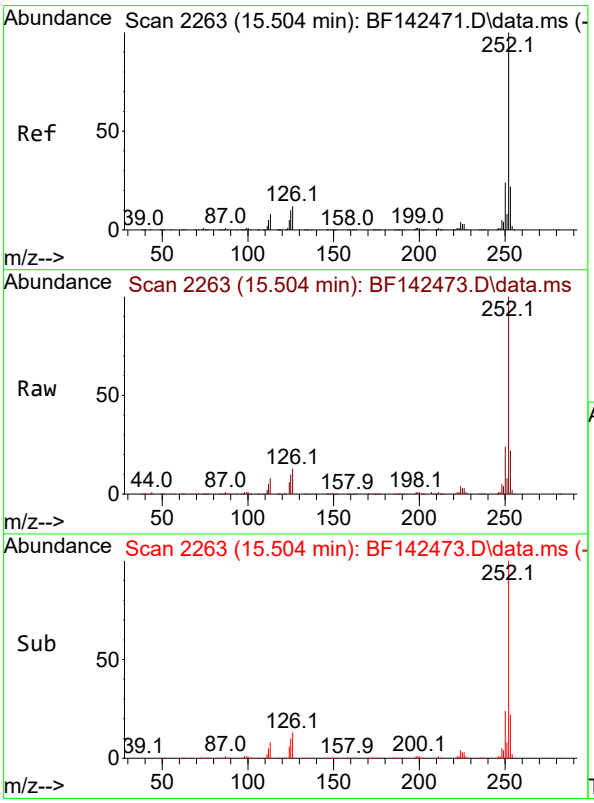
#89
Benzo(k)fluoranthene
Concen: 61.068 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

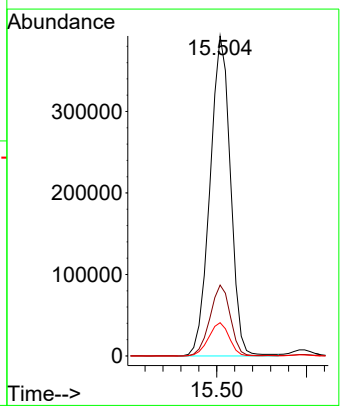


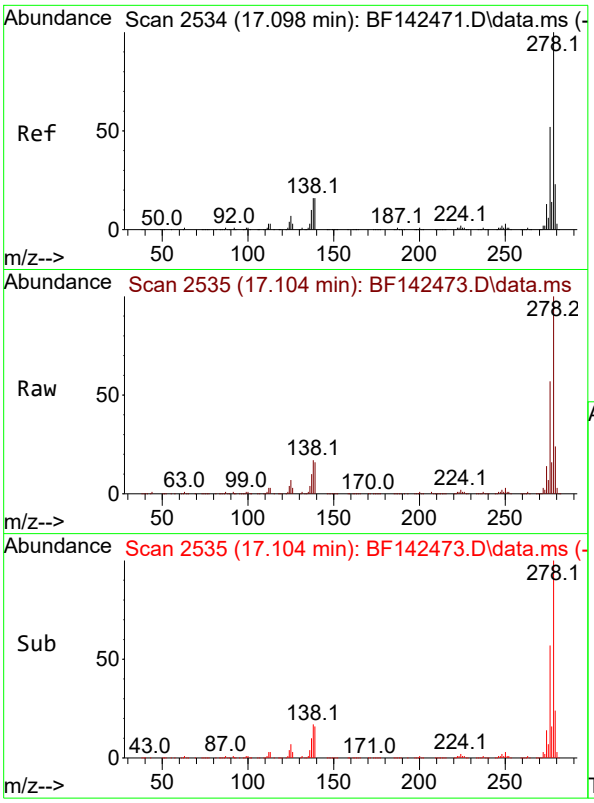


#90
Benzo(a)pyrene
Concen: 60.943 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



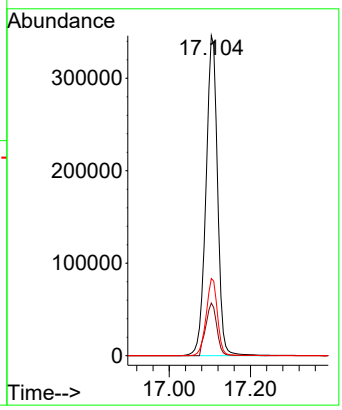


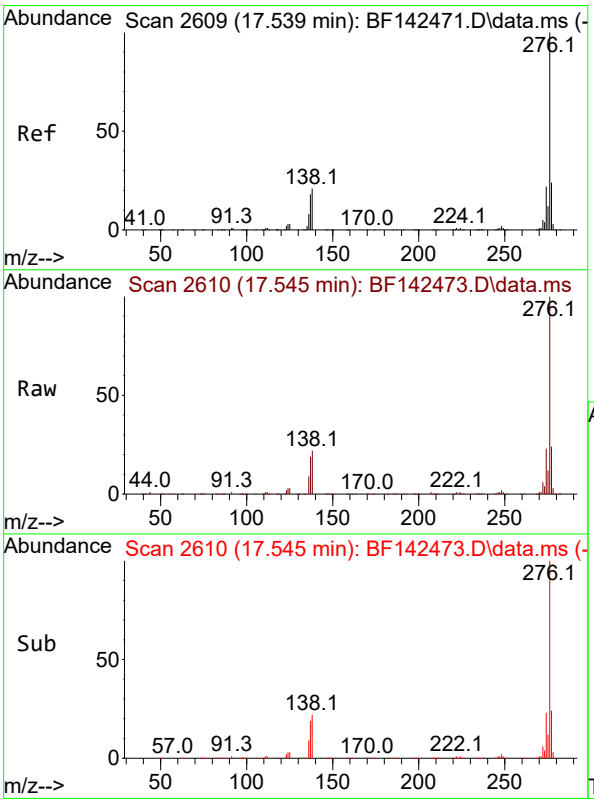
#91
Dibenzo(a,h)anthracene
Concen: 61.321 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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

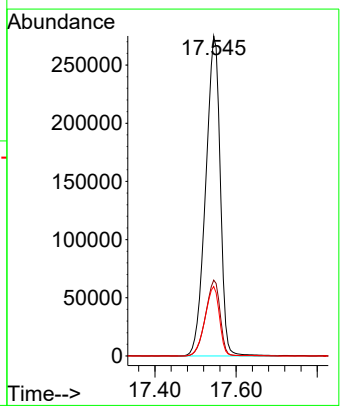




#92
Benzo(g,h,i)perylene
Concen: 61.313 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

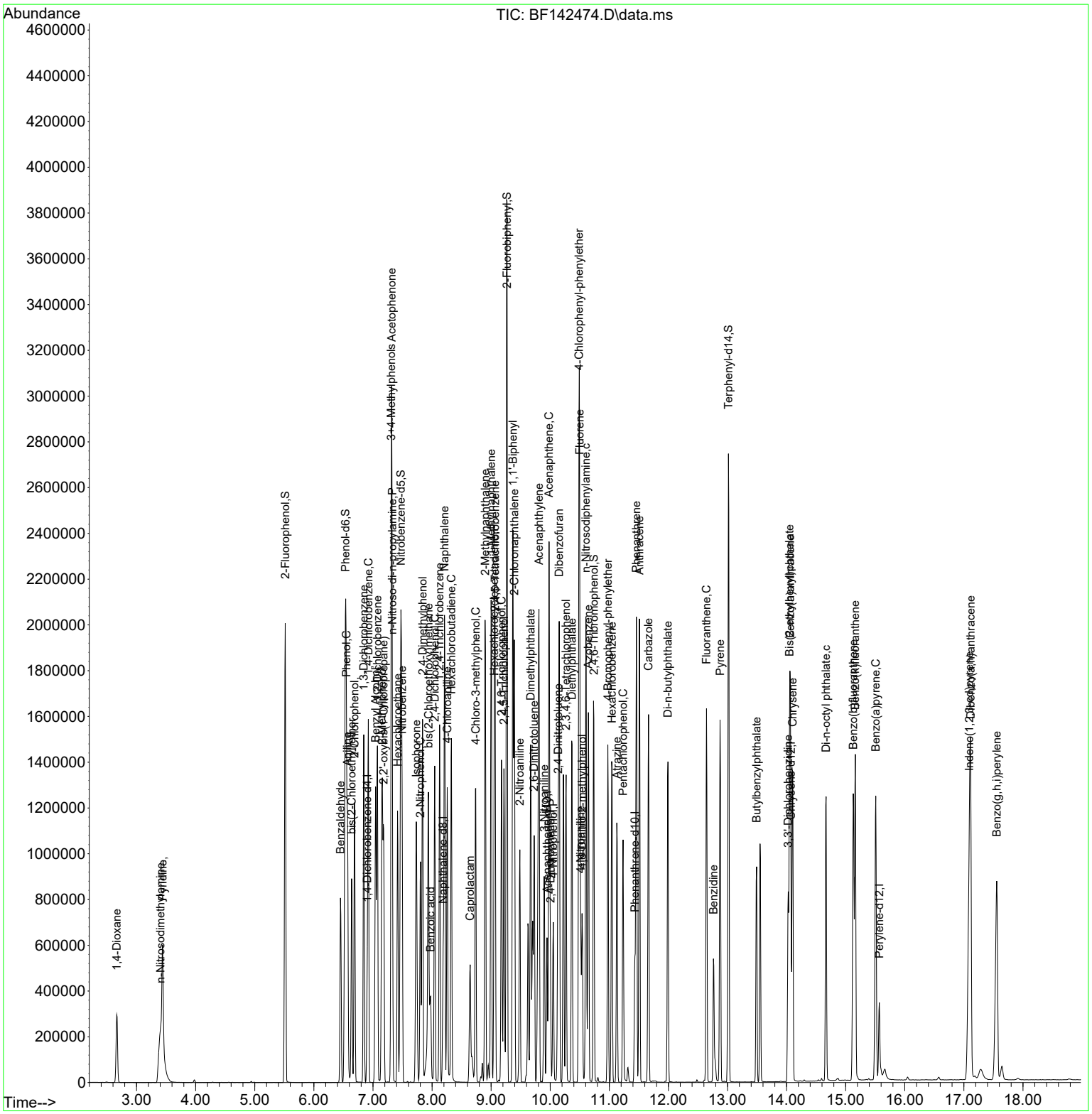
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	287041	74.712	ng	99
46) 1,1'-Biphenyl	9.369	154	1059787	72.584	ng	100
47) 2-Chloronaphthalene	9.392	162	798539	74.024	ng	99
48) 2-Nitroaniline	9.486	65	241162	77.343	ng	99
49) Acenaphthylene	9.810	152	1313668	72.118	ng	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

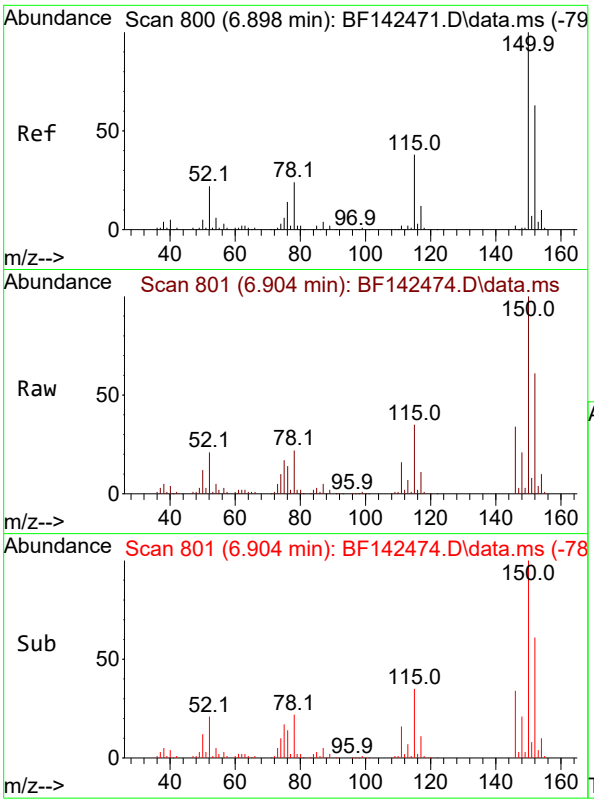
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



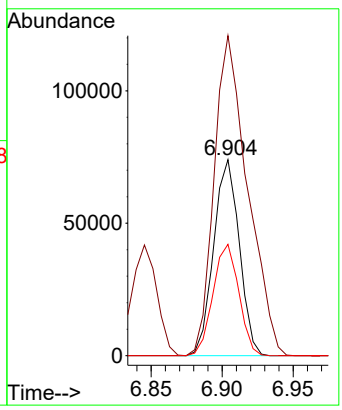


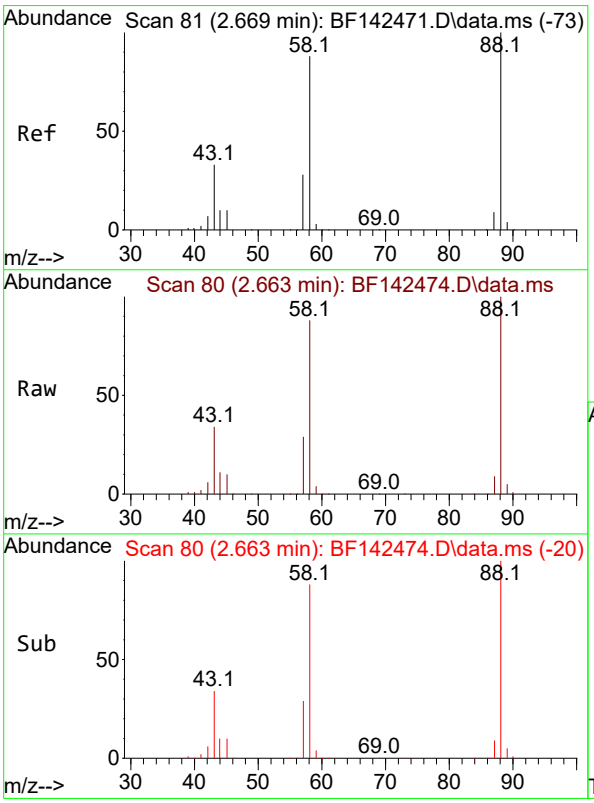
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

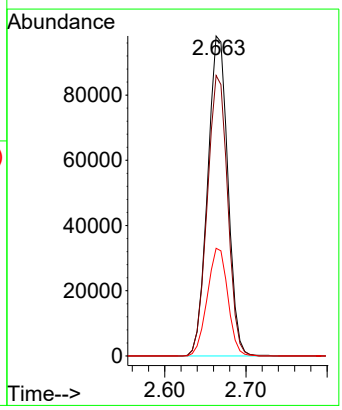


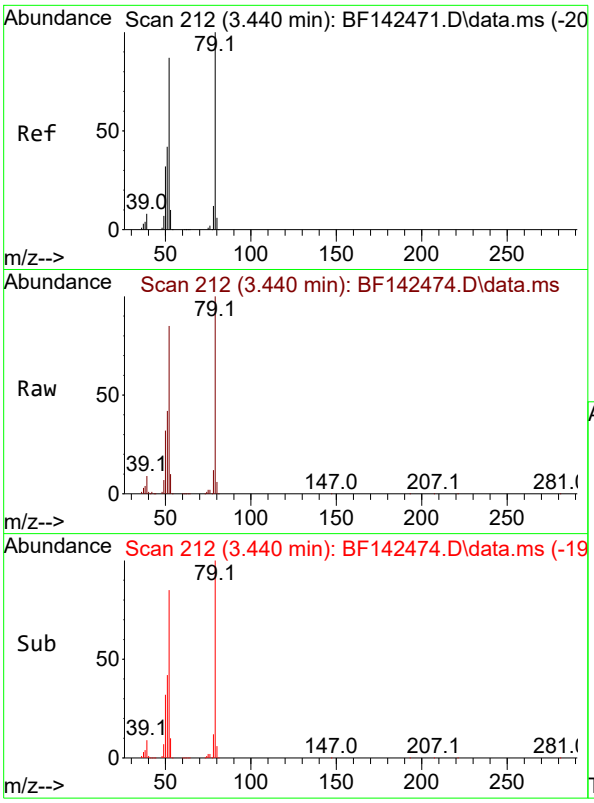


#2
1,4-Dioxane
Concen: 76.756 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



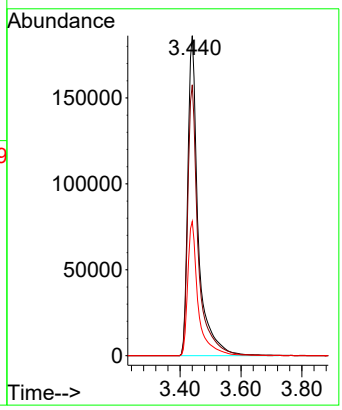


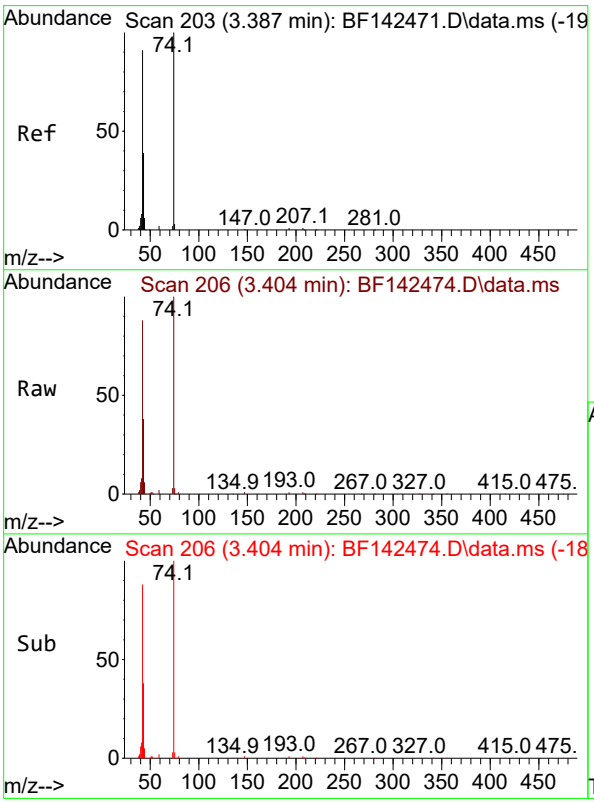
#3
Pyridine
Concen: 78.706 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

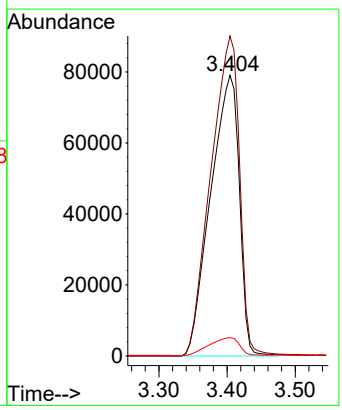


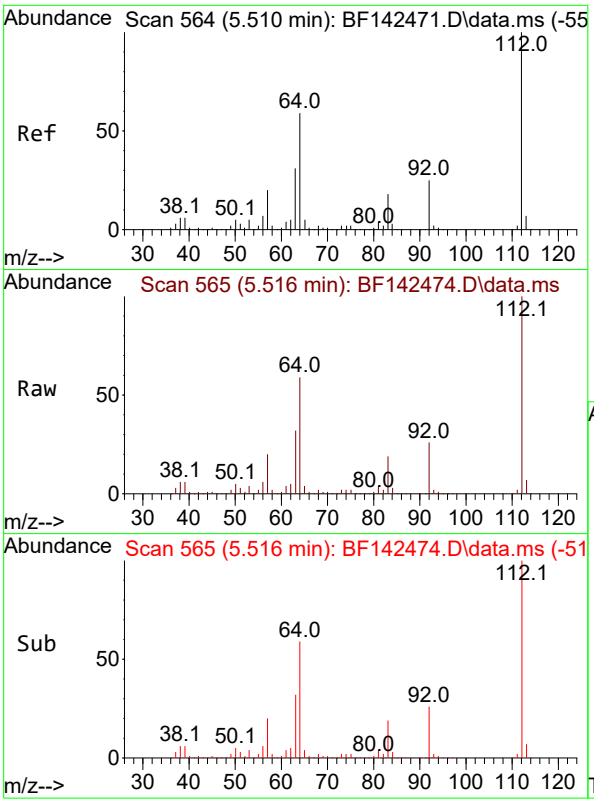


#4
n-Nitrosodimethylamine
Concen: 79.114 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



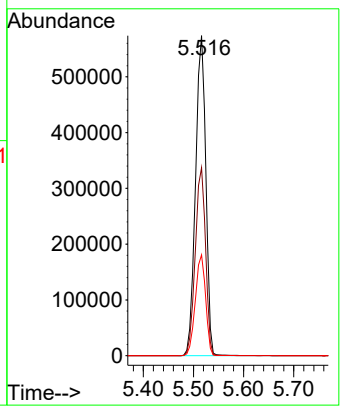


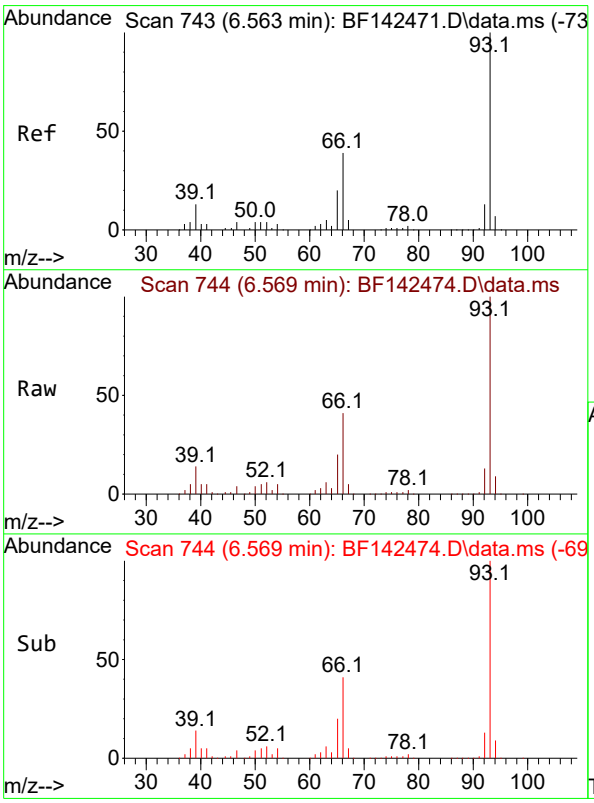
#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

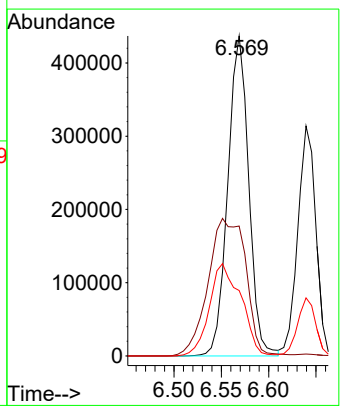


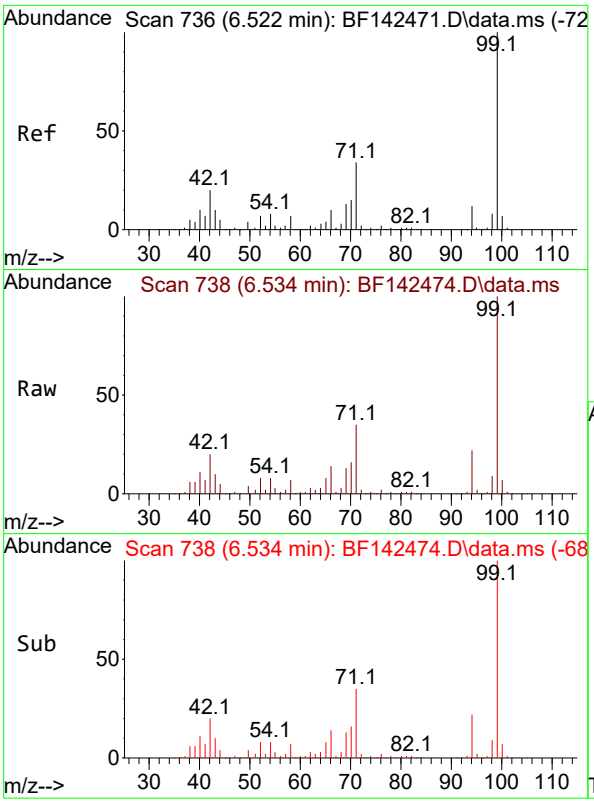


#6
Aniline
Concen: 75.263 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



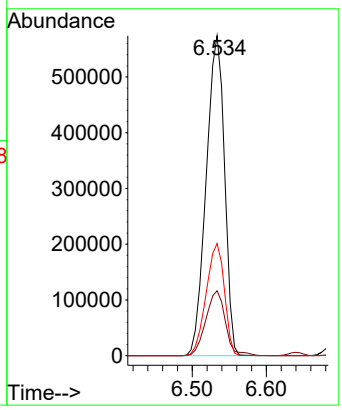


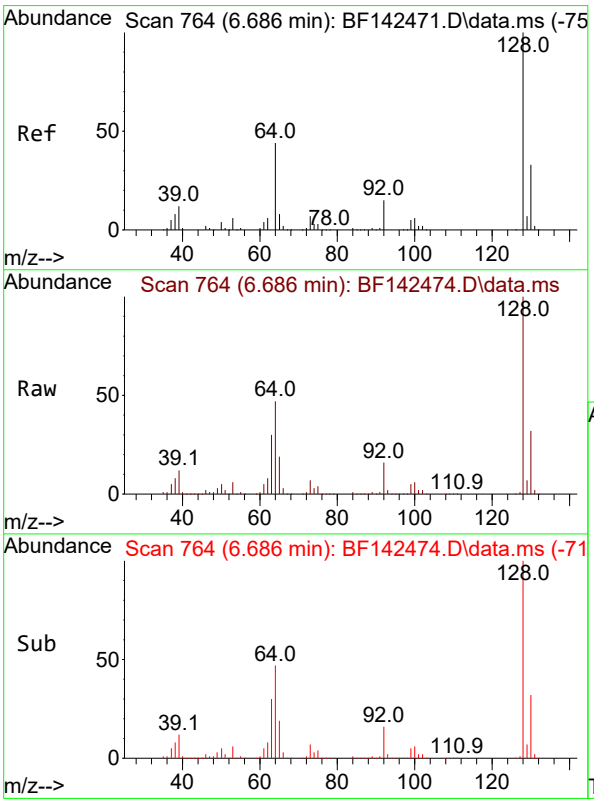
#7
Phenol-d6
Concen: 148.644 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

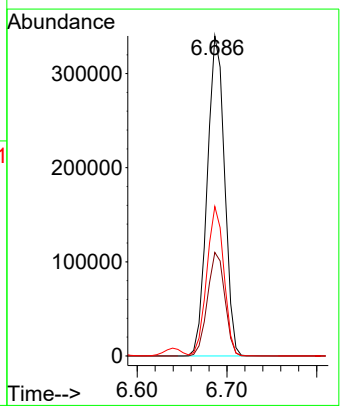


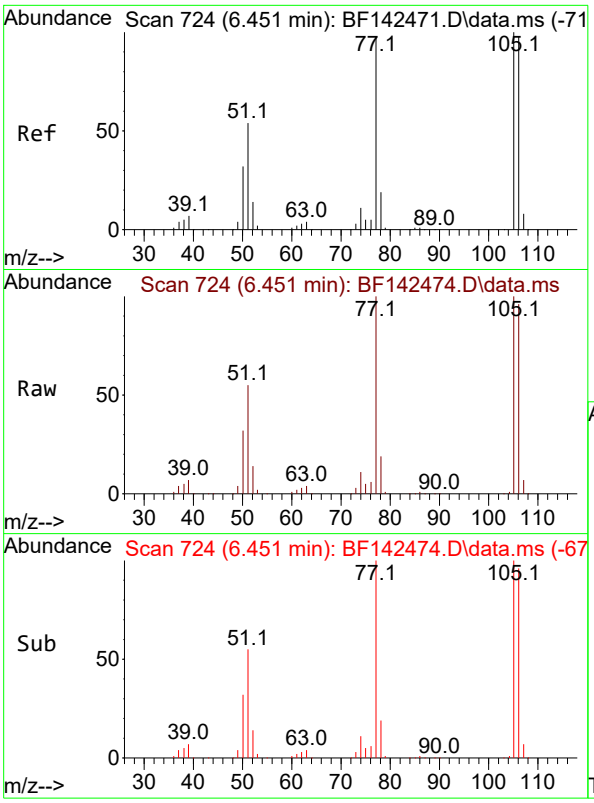


#8
2-Chlorophenol
Concen: 75.687 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



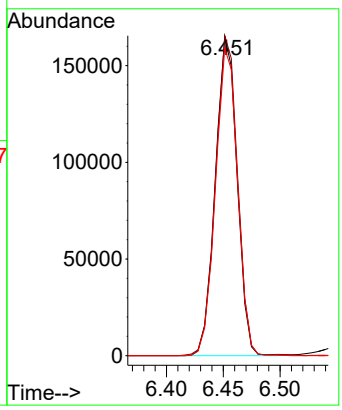


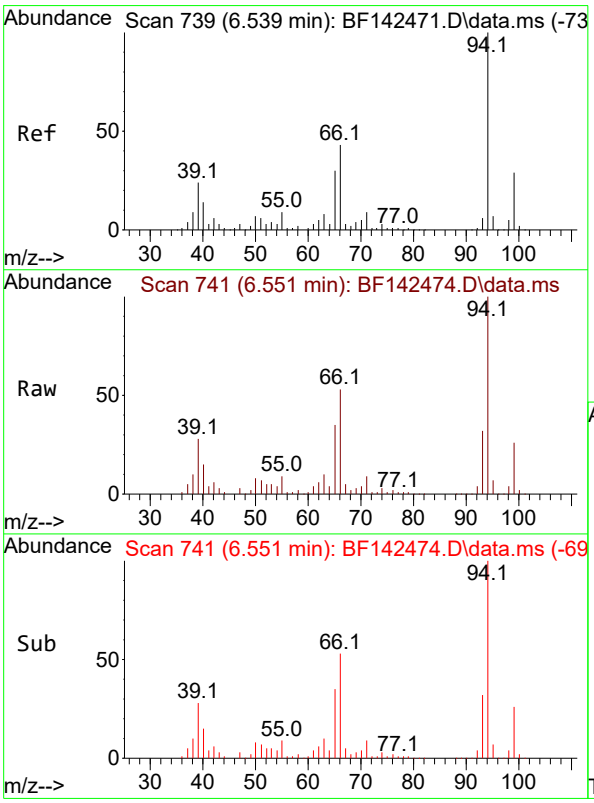
#9
Benzaldehyde
Concen: 54.999 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

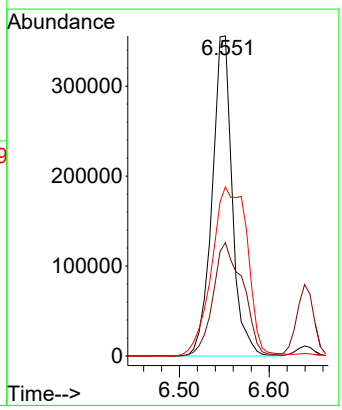


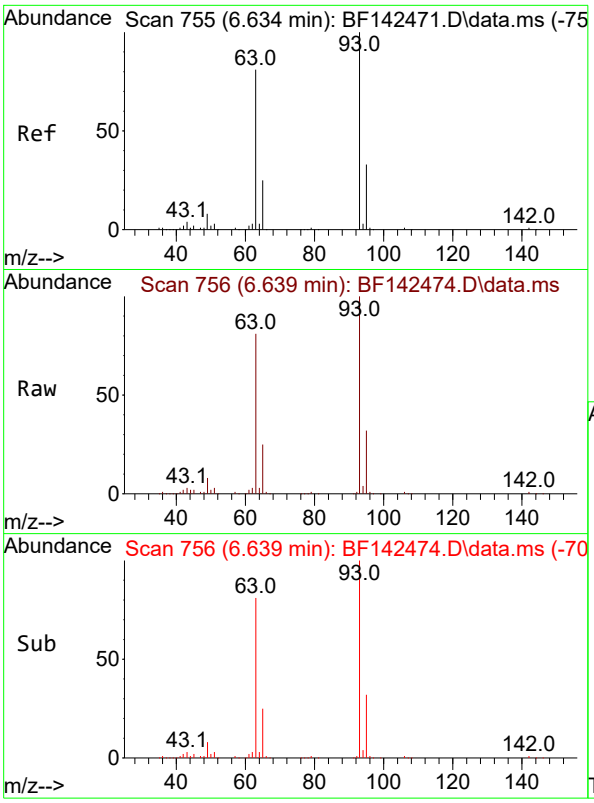


#10
Phenol
Concen: 73.985 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



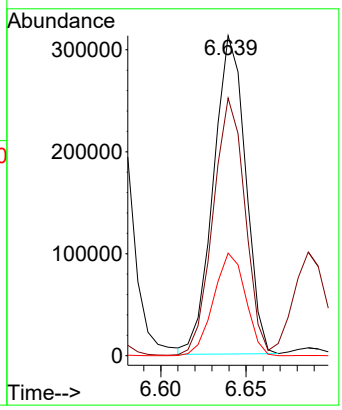


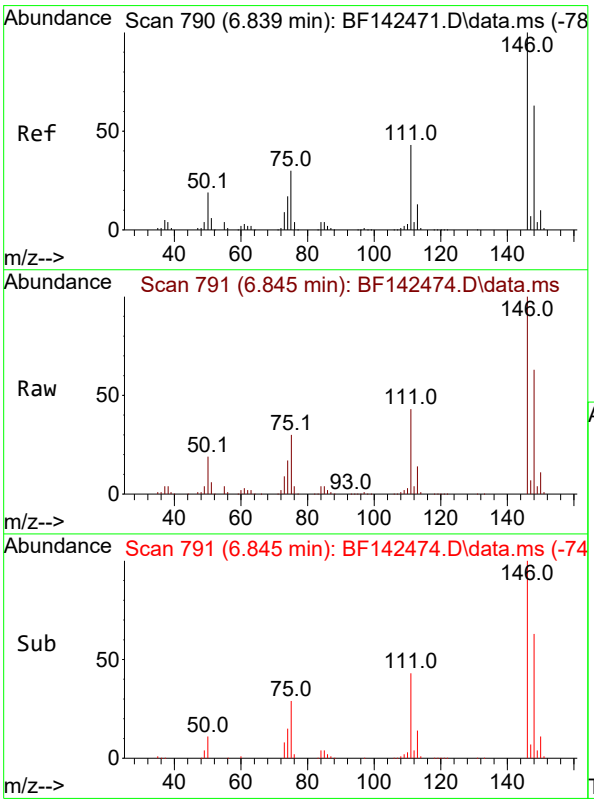
#11
bis(2-Chloroethyl)ether
Concen: 76.354 ng
RT: 6.639 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

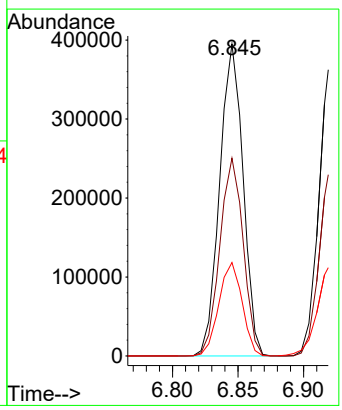


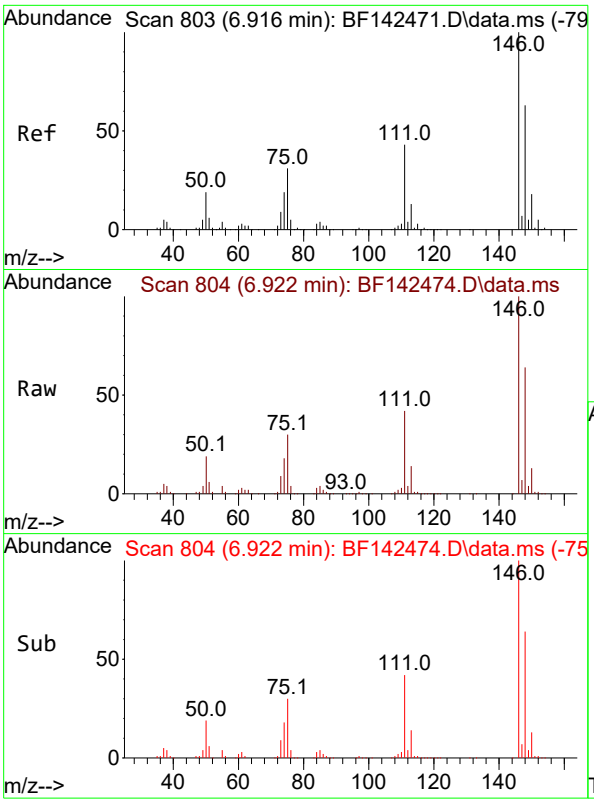


#12
1,3-Dichlorobenzene
Concen: 73.004 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



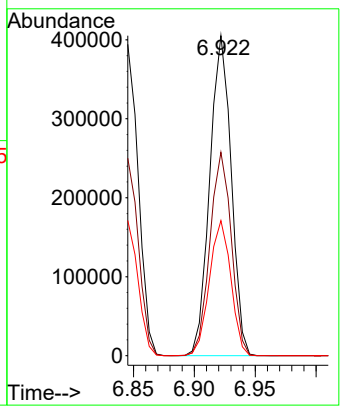


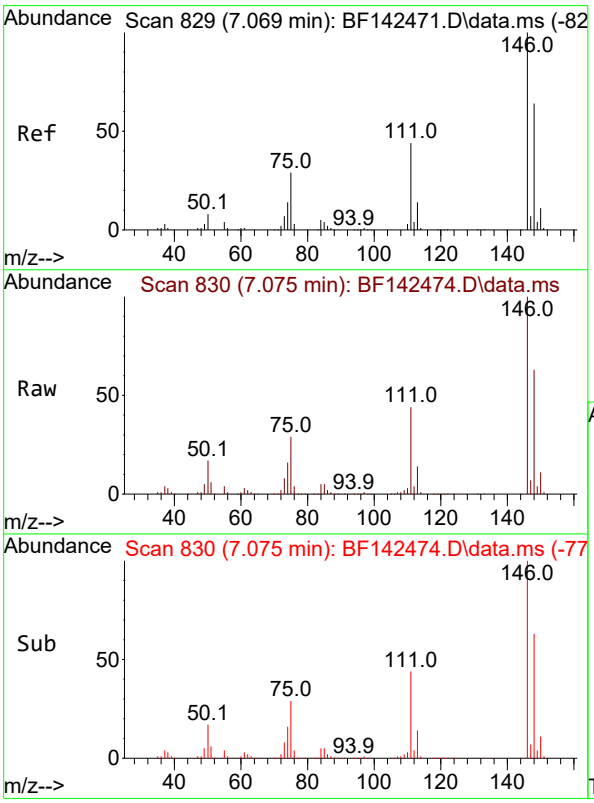
#13
1,4-Dichlorobenzene
Concen: 73.465 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

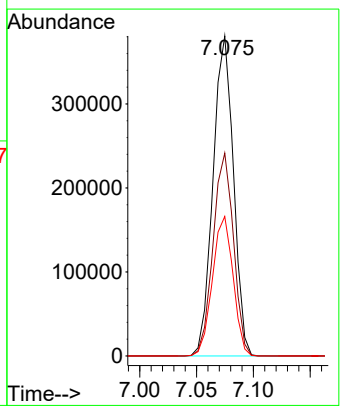


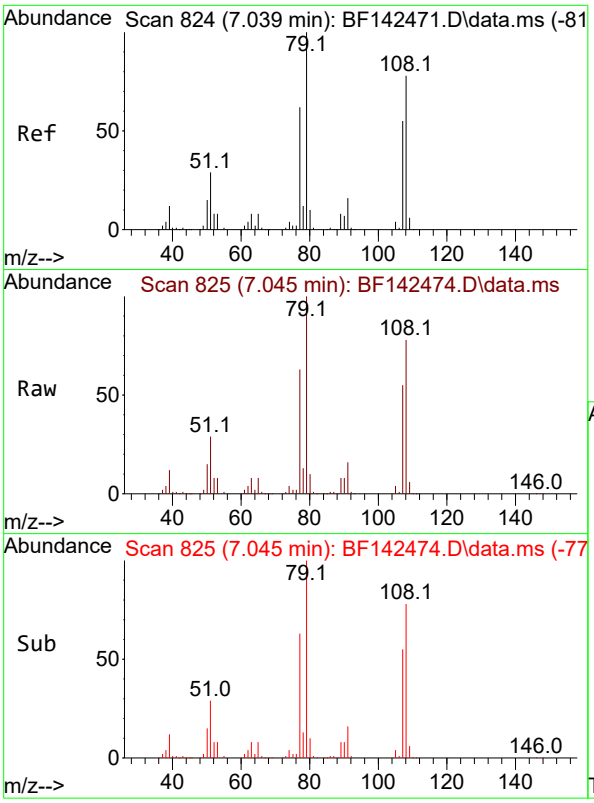


#14
1,2-Dichlorobenzene
Concen: 73.875 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



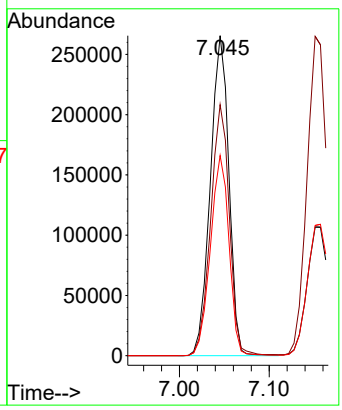


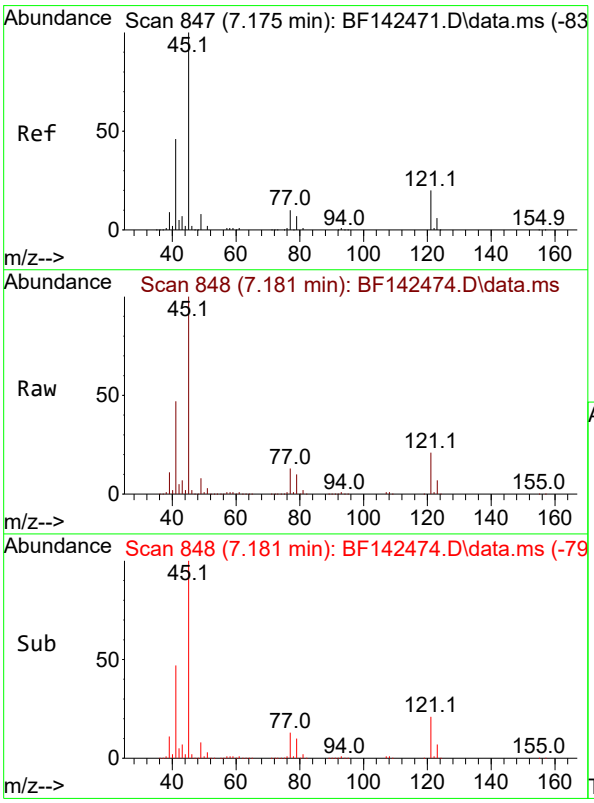
#15
Benzyl Alcohol
Concen: 77.750 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

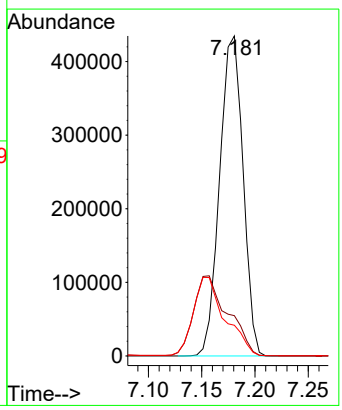


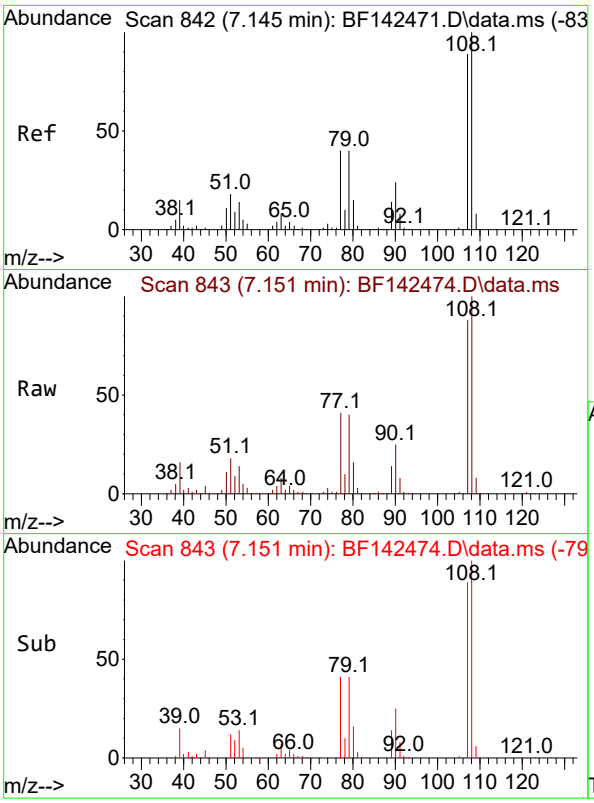


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.497 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



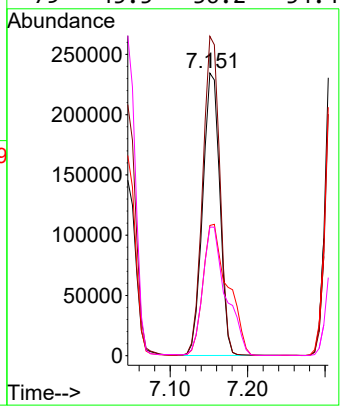


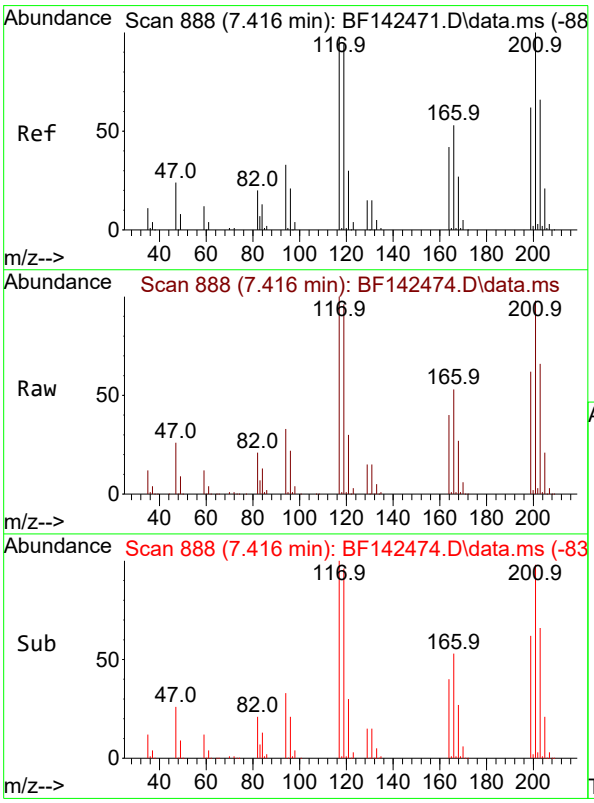
#17
2-Methylphenol
Concen: 76.467 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

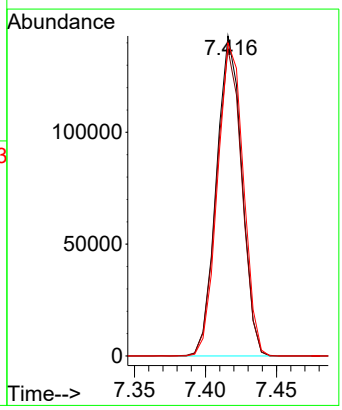


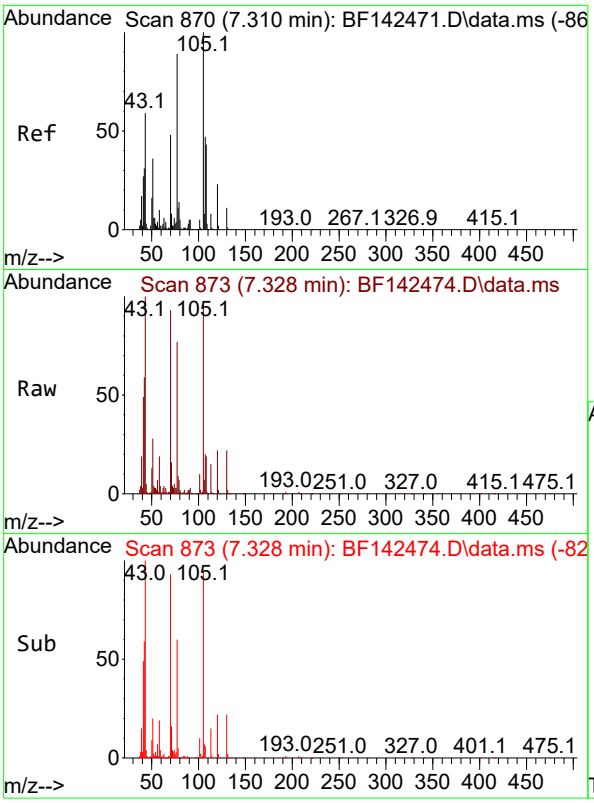


#18
Hexachloroethane
Concen: 75.267 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



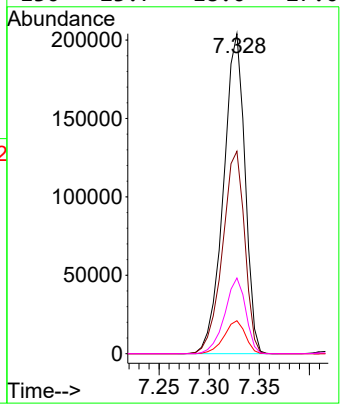


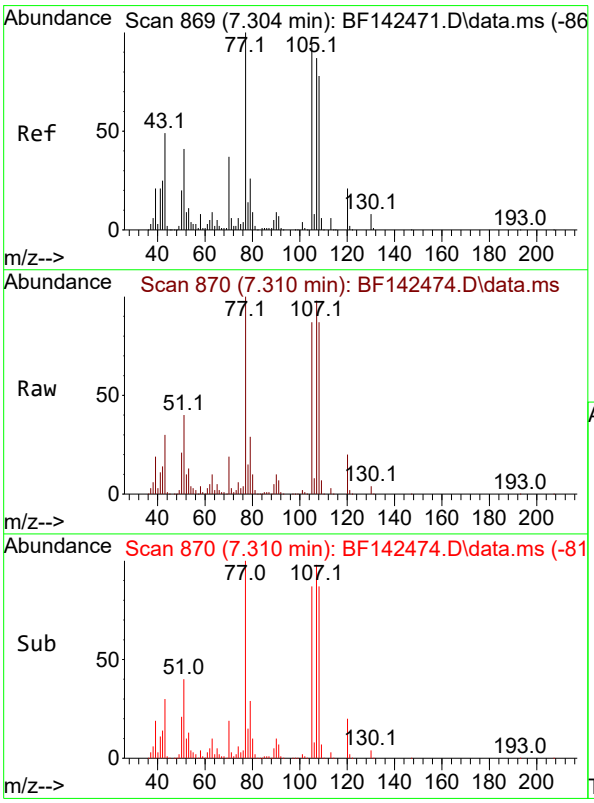
#19
n-Nitroso-di-n-propylamine
Concen: 73.987 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

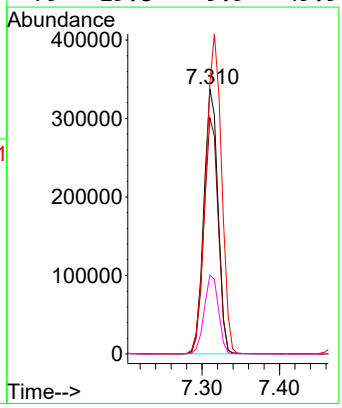


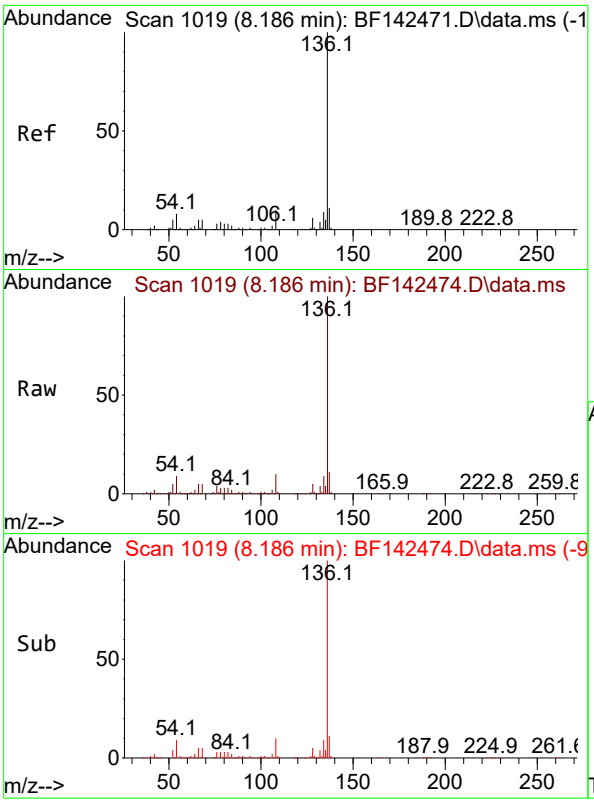


#20
3+4-Methylphenols
Concen: 71.097 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



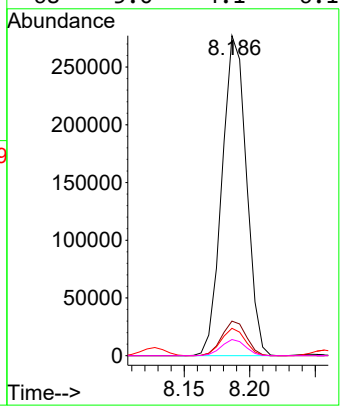


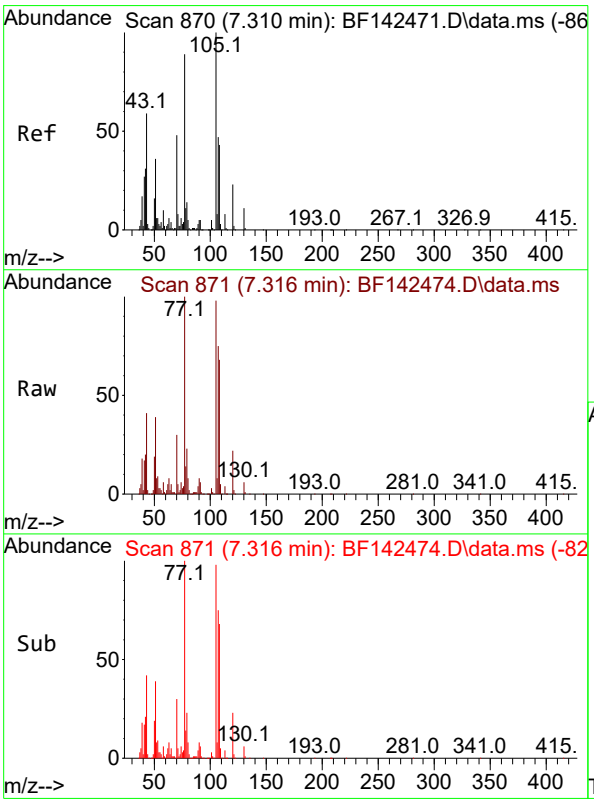
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

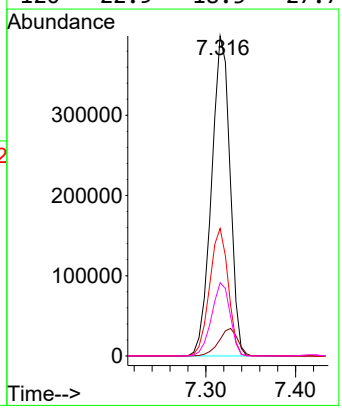


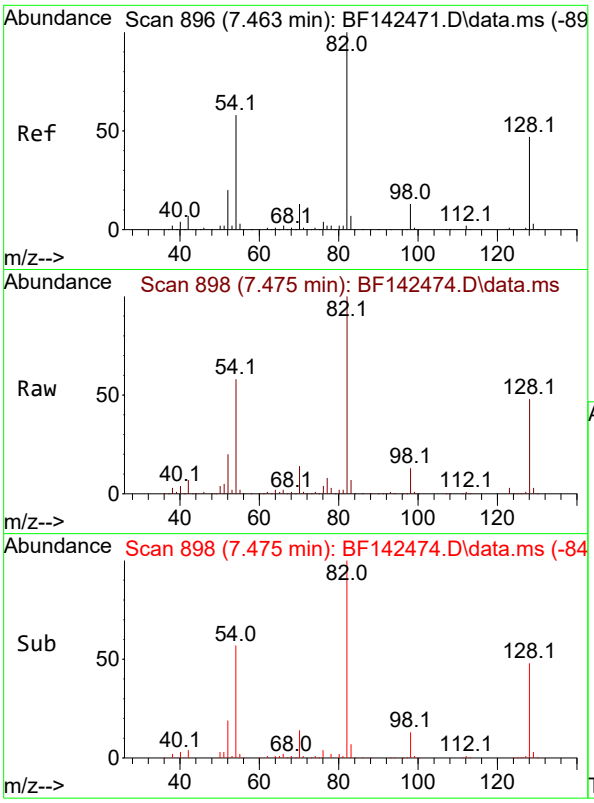


#22
Acetophenone
Concen: 72.072 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



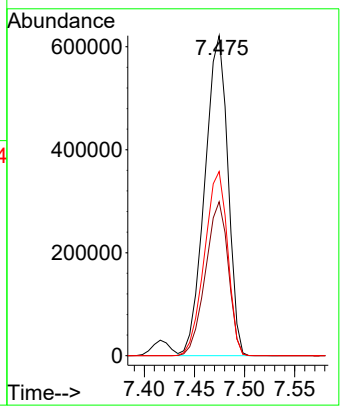


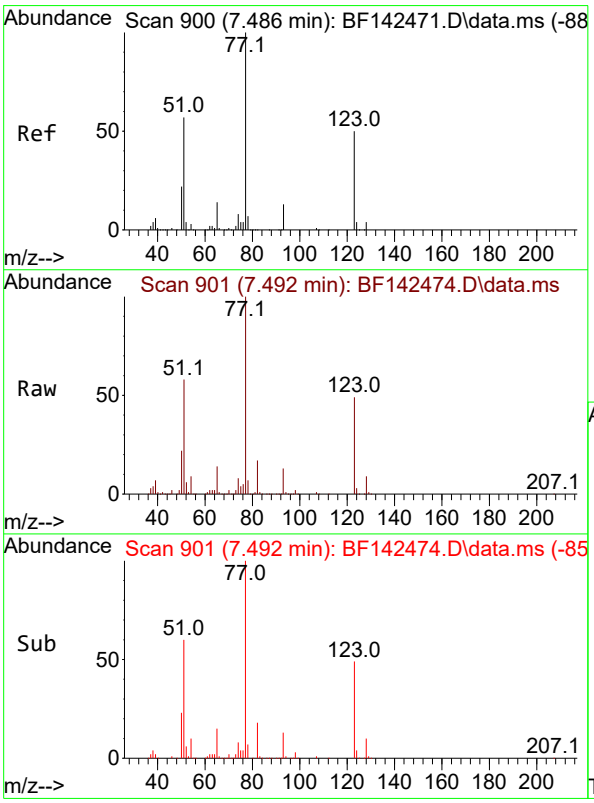
#23
Nitrobenzene-d5
Concen: 151.205 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

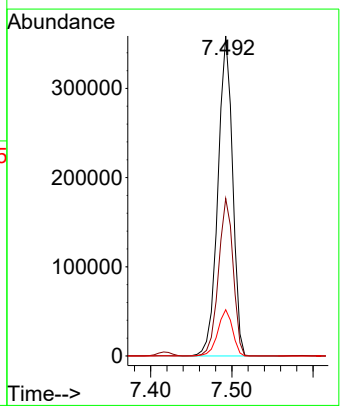


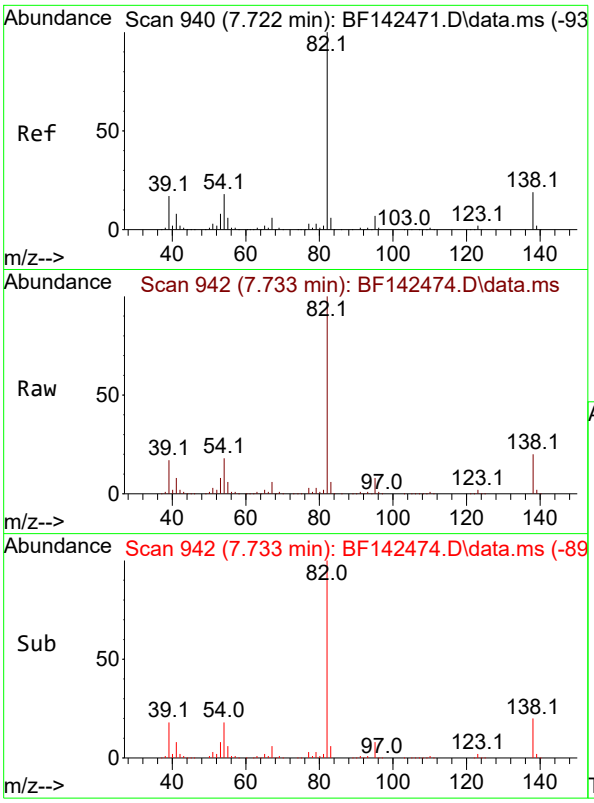


#24
Nitrobenzene
Concen: 76.309 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



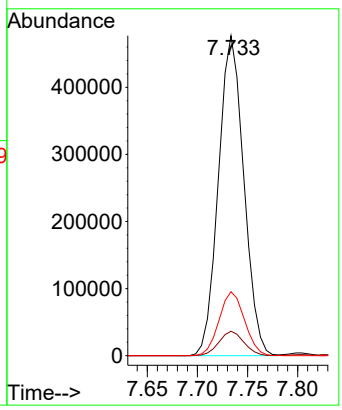


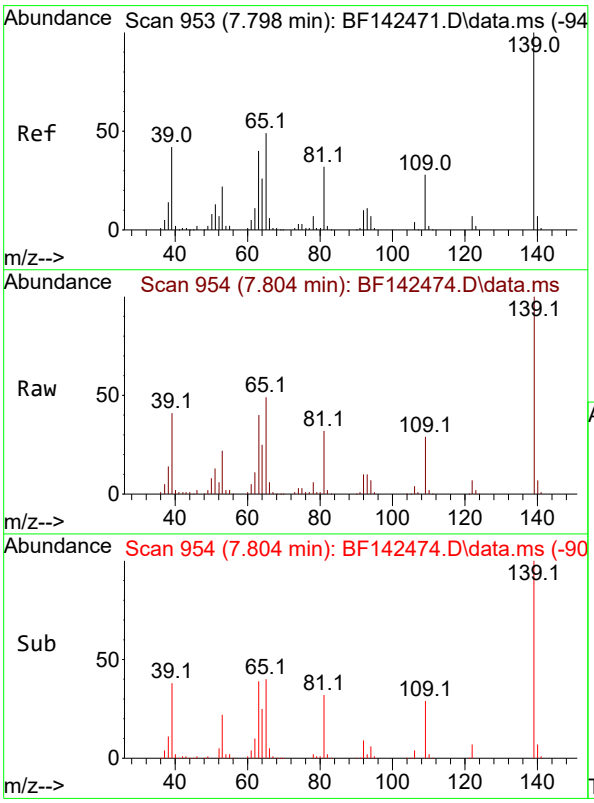
#25
Isophorone
Concen: 76.321 ng
RT: 7.733 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

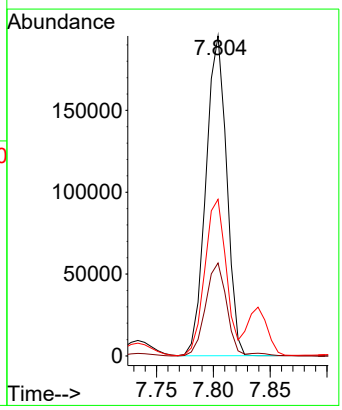


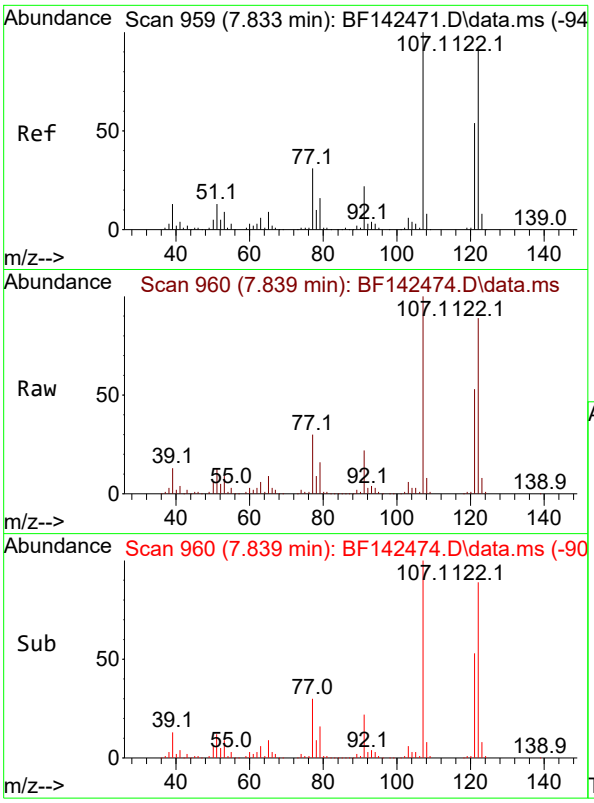


#26
2-Nitrophenol
Concen: 78.434 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



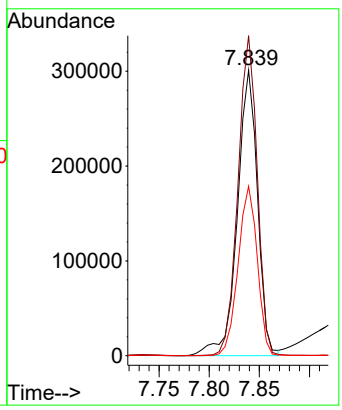


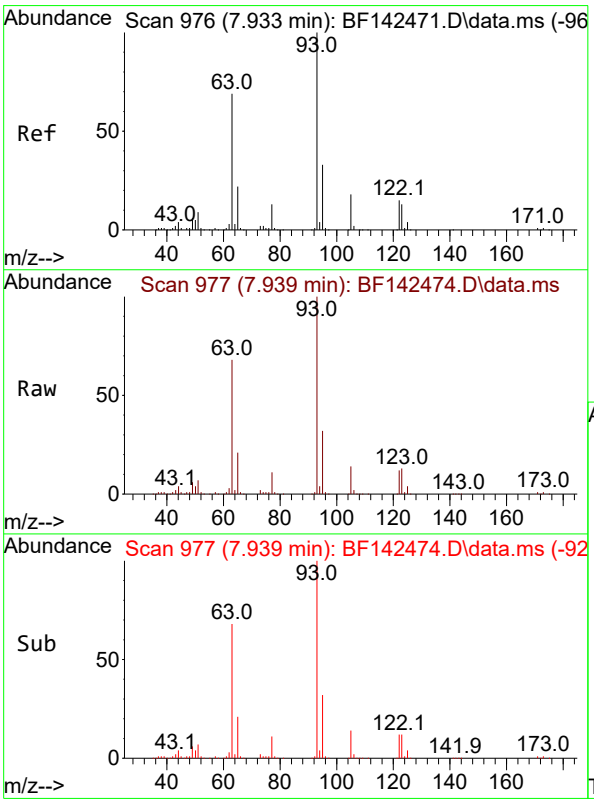
#27
2,4-Dimethylphenol
Concen: 75.623 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

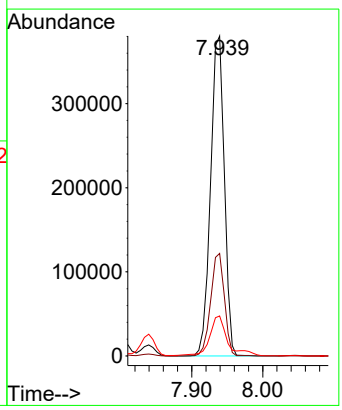


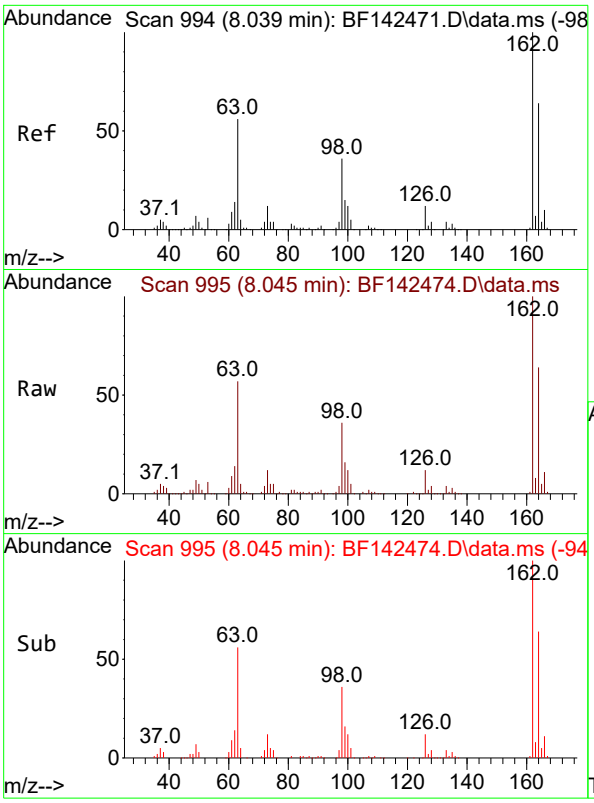


#28
bis(2-Chloroethoxy)methane
Concen: 74.744 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



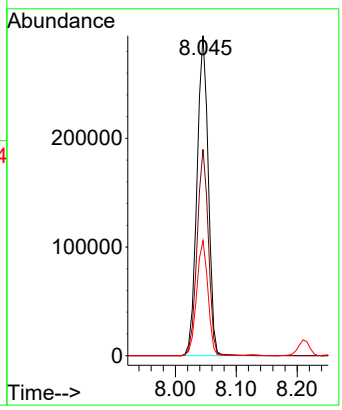


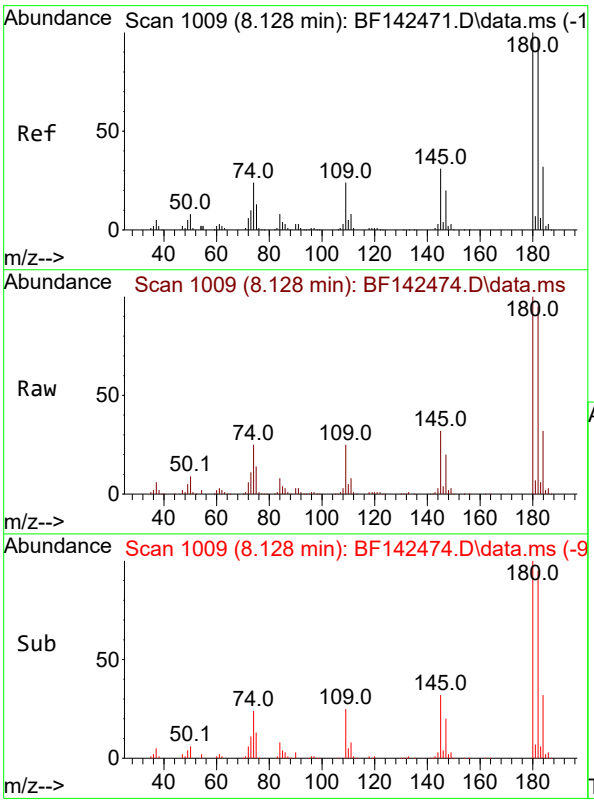
#29
2,4-Dichlorophenol
Concen: 75.121 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

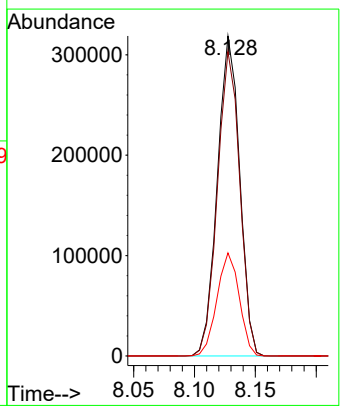


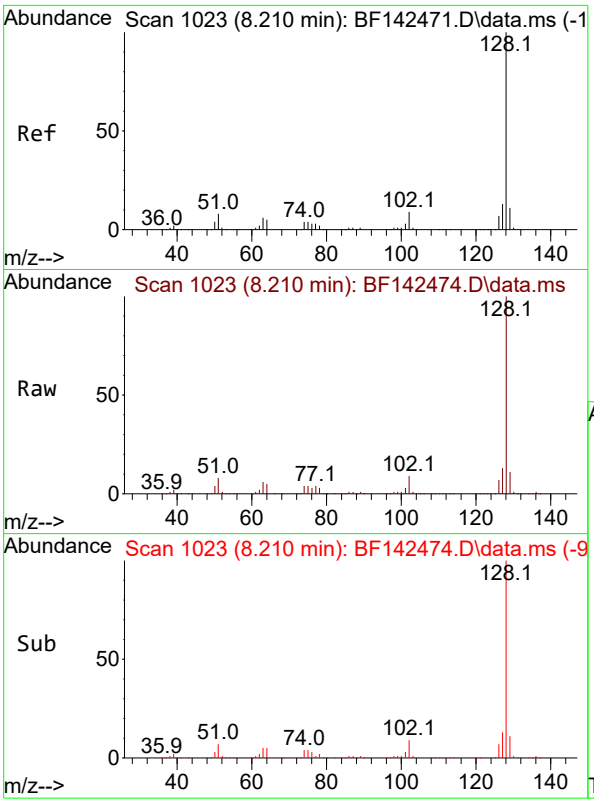


#30
1,2,4-Trichlorobenzene
Concen: 73.801 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



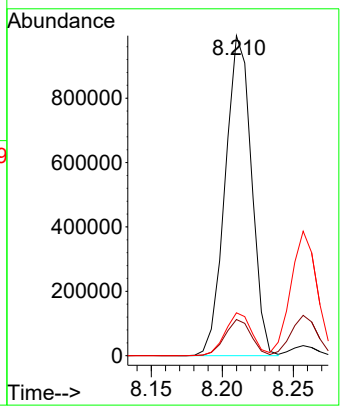


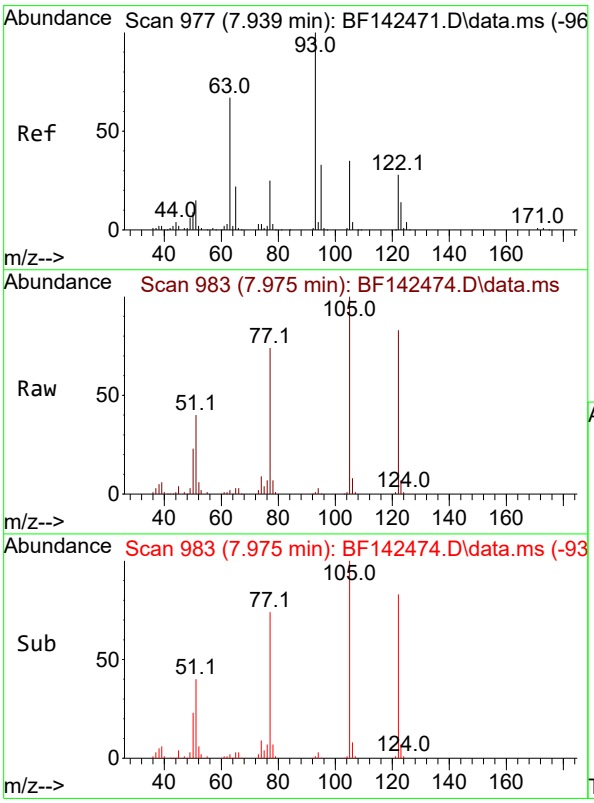
#31
Naphthalene
Concen: 72.369 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

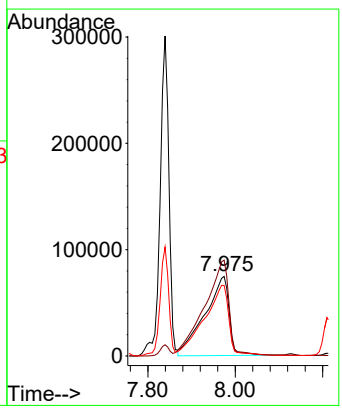


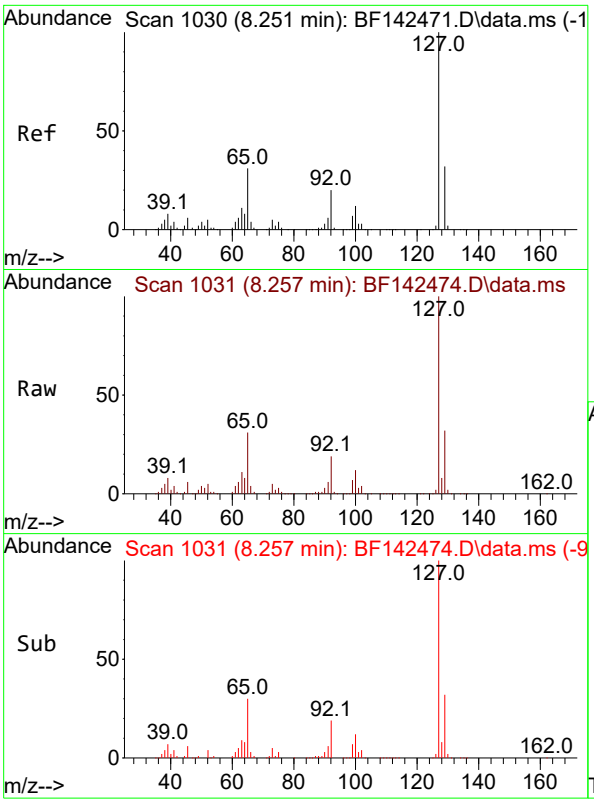


#32
Benzoic acid
Concen: 84.918 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



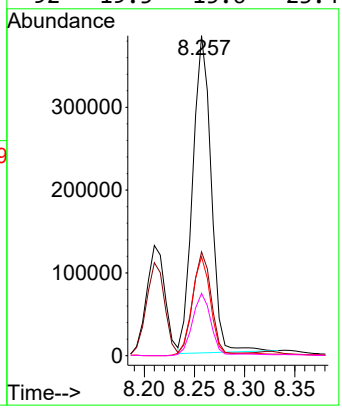


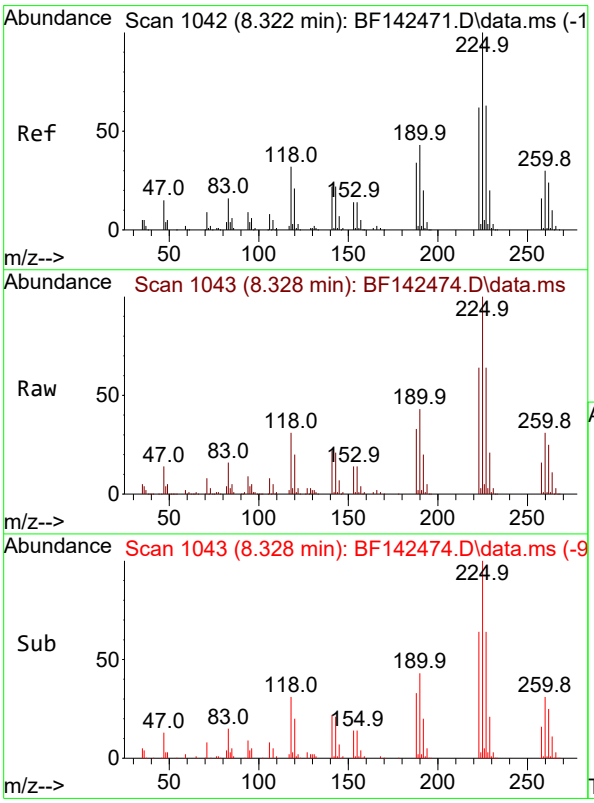
#33
4-Chloroaniline
Concen: 68.830 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

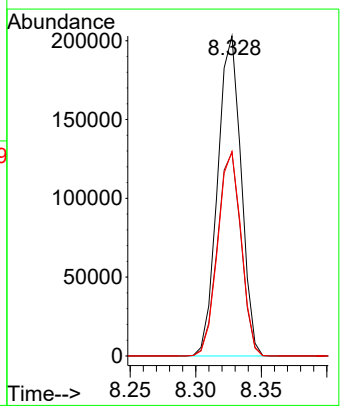


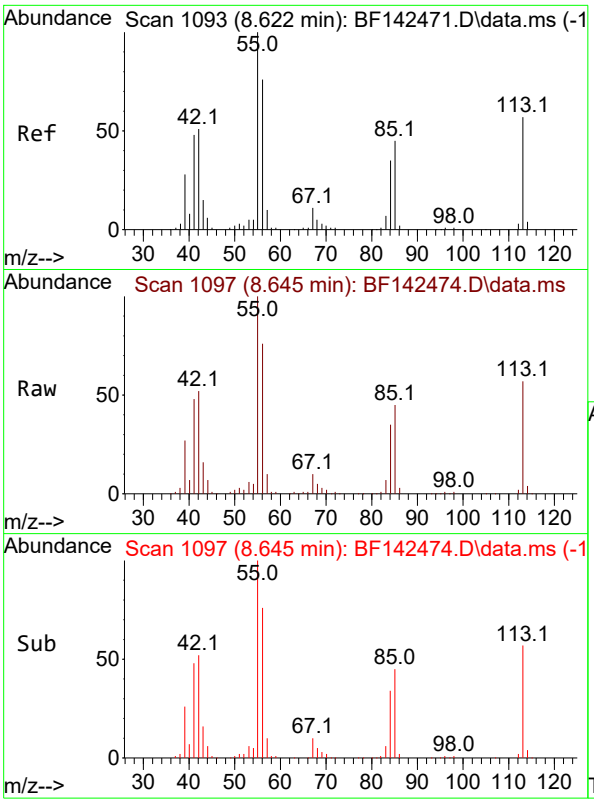


#34
Hexachlorobutadiene
Concen: 73.338 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



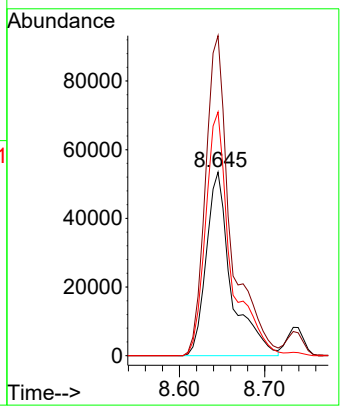


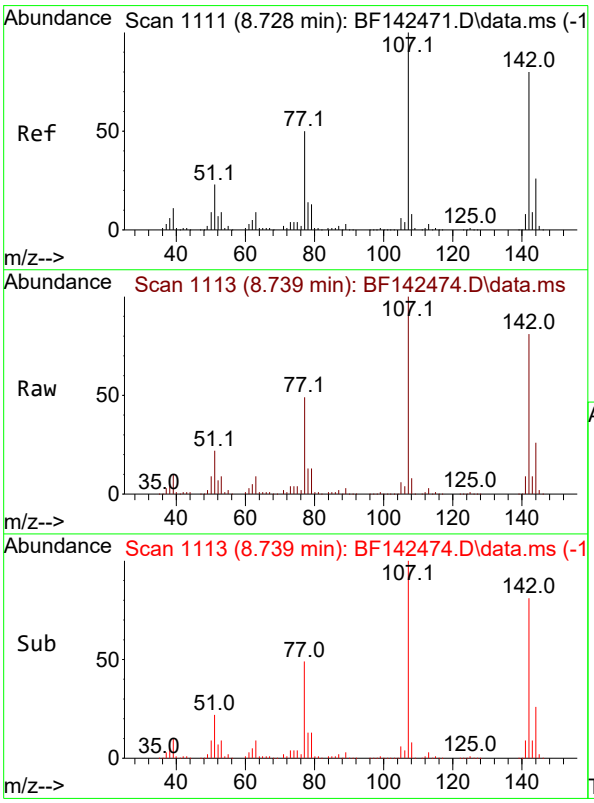
#35
Caprolactam
Concen: 76.565 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

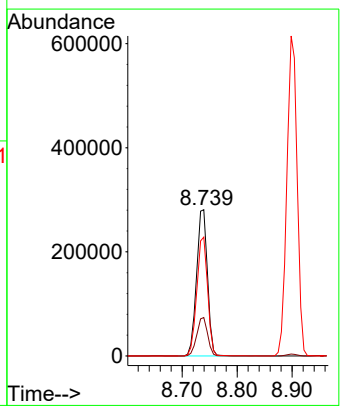


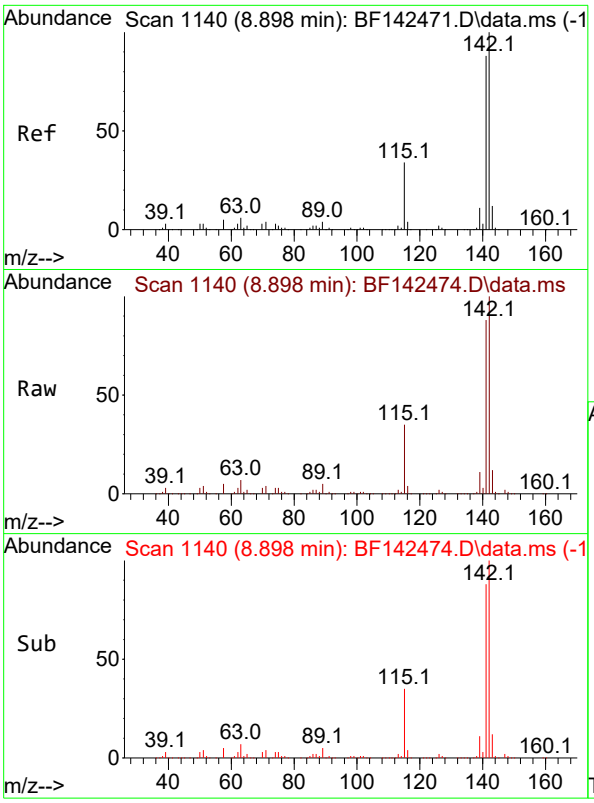


#36
4-Chloro-3-methylphenol
Concen: 74.674 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



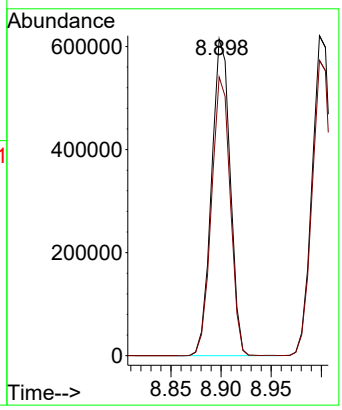


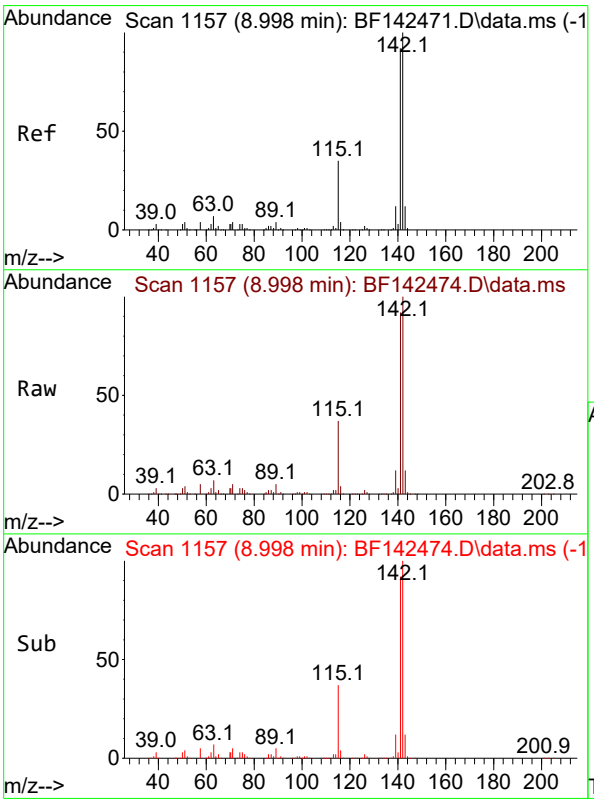
#37
2-Methylnaphthalene
Concen: 71.742 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 796463

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1

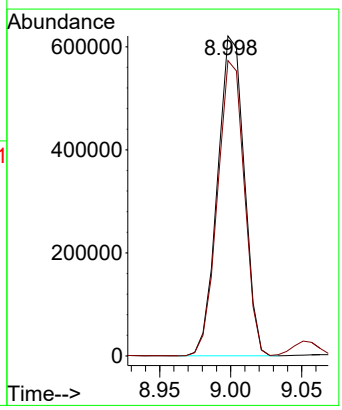


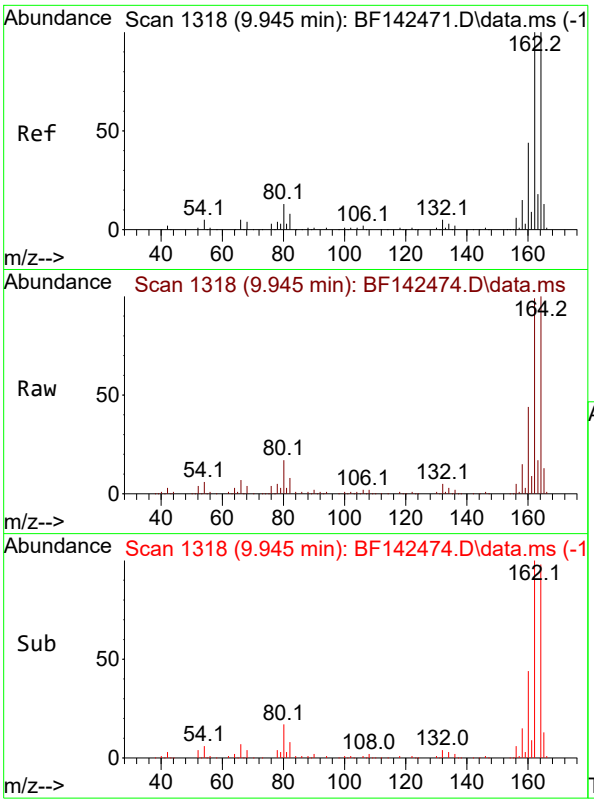


#38
1-Methylnaphthalene
Concen: 70.689 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:142 Resp: 811747

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2



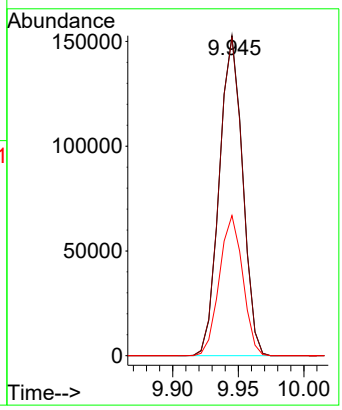


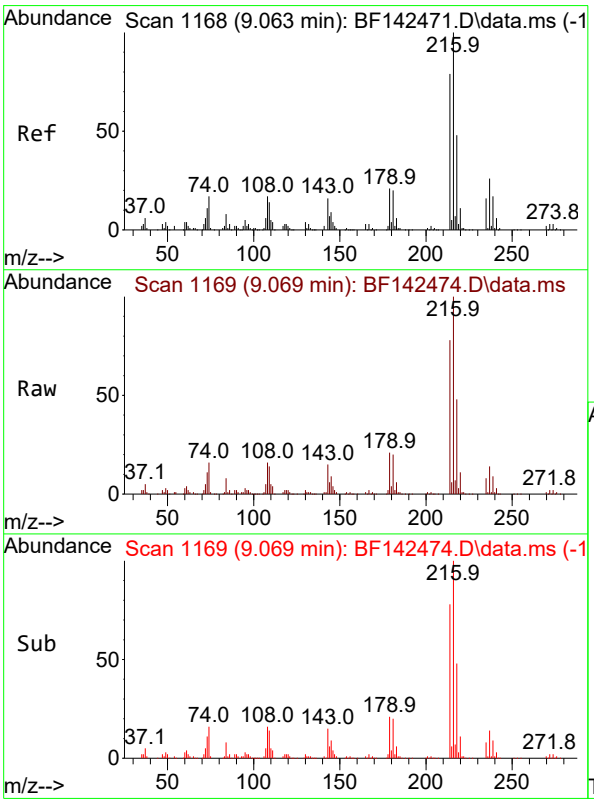
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

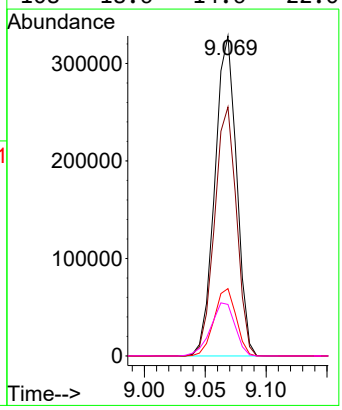


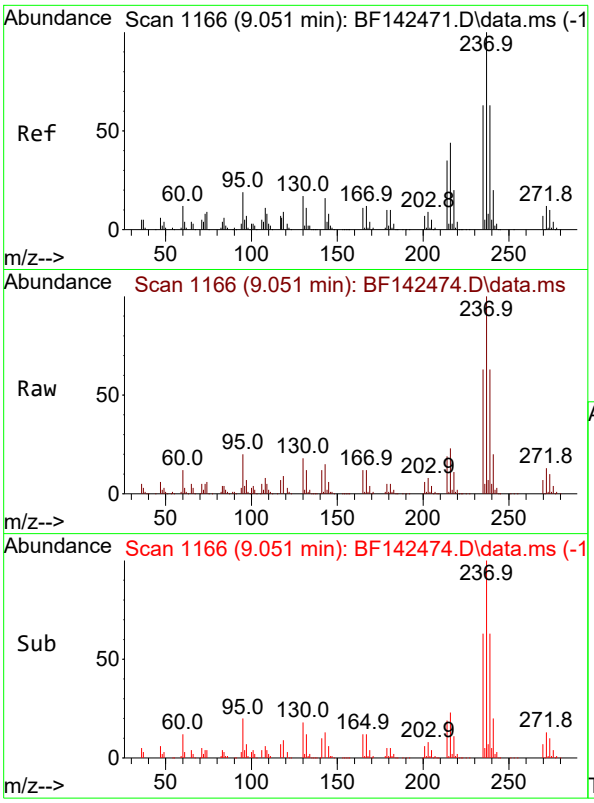


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



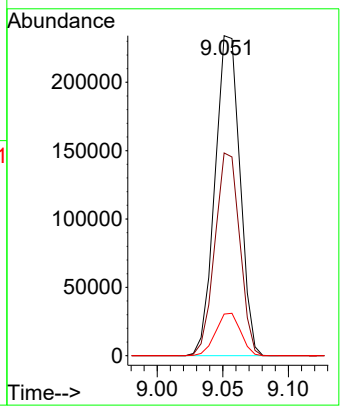


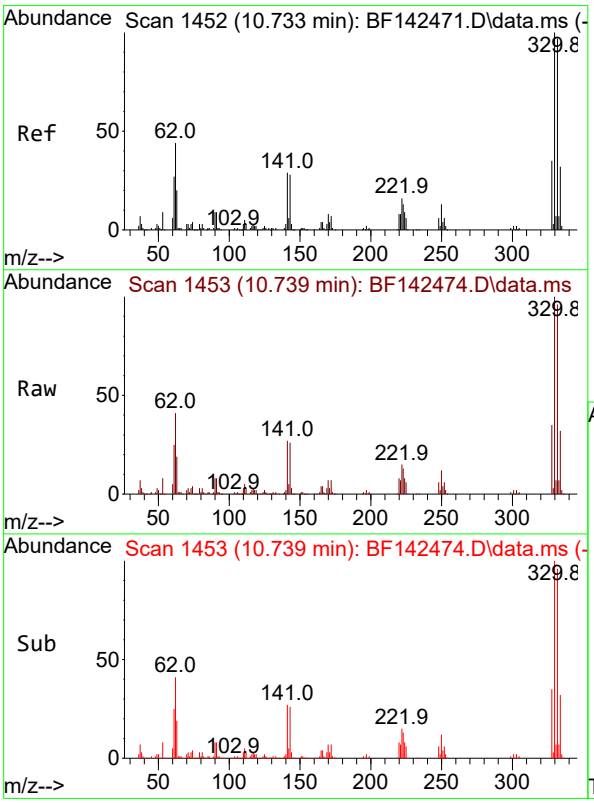
#41
Hexachlorocyclopentadiene
Concen: 84.936 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

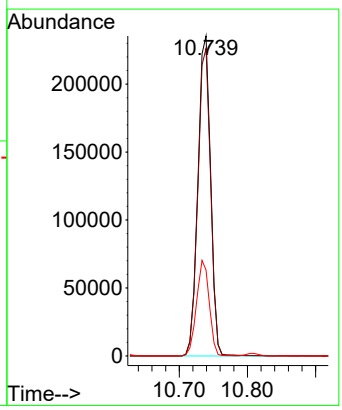


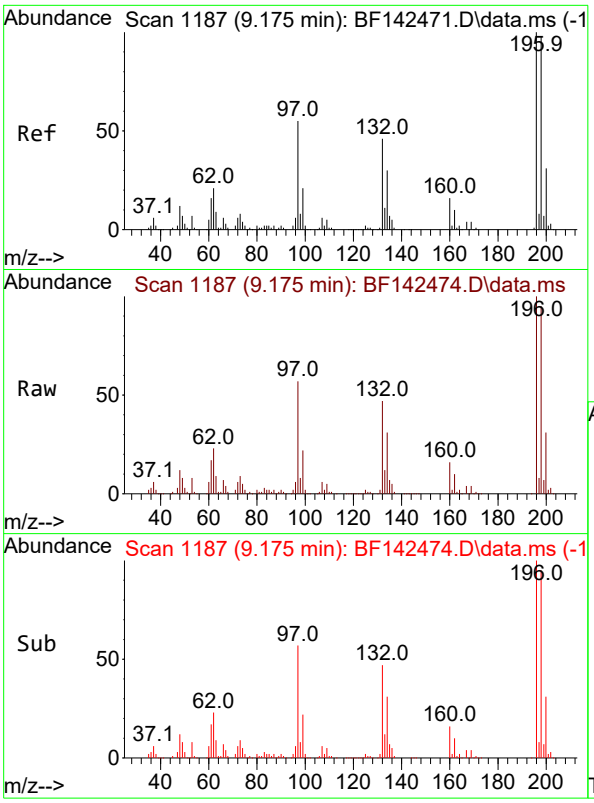


#42
2,4,6-Tribromophenol
Concen: 145.927 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



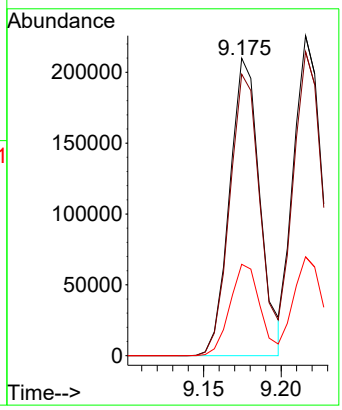


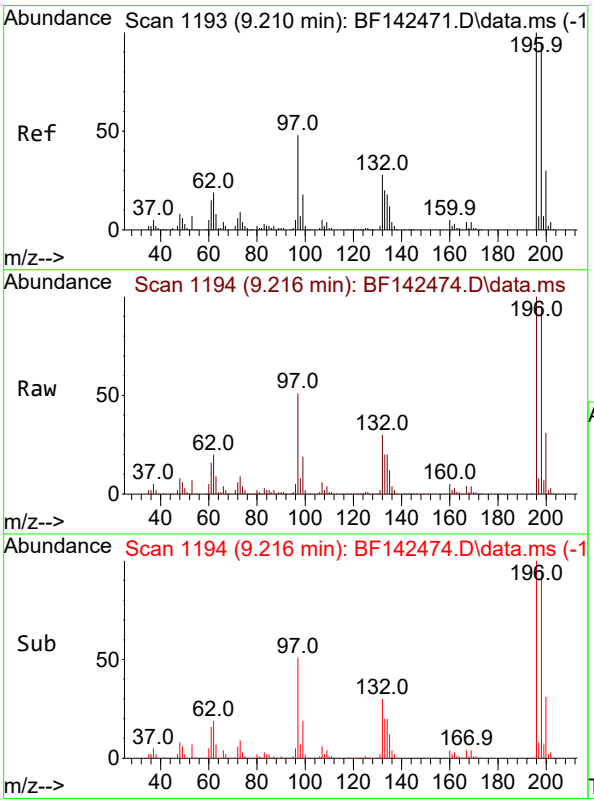
#43
2,4,6-Trichlorophenol
Concen: 78.254 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

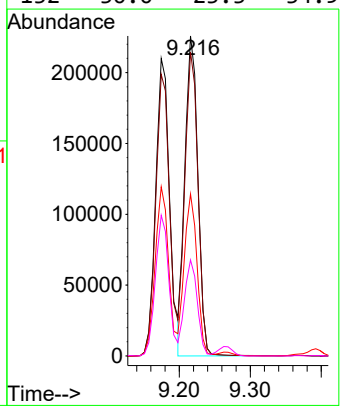


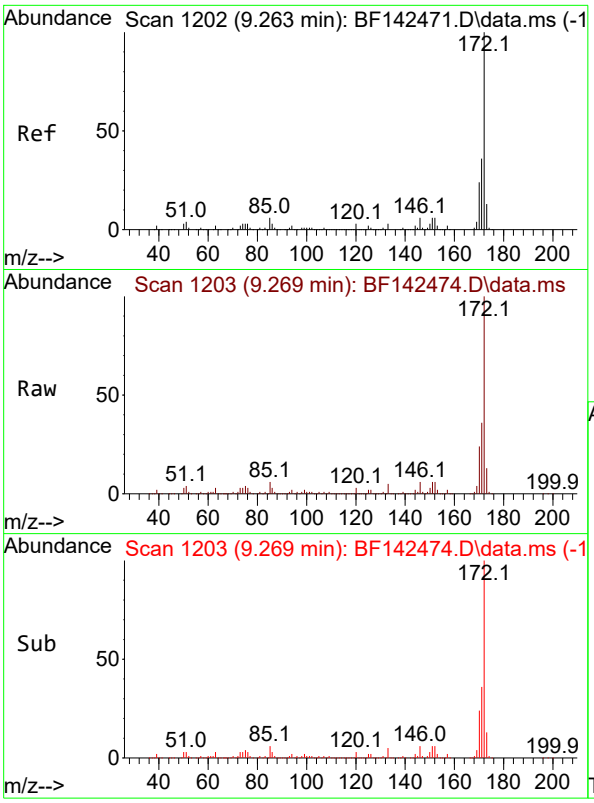


#44
2,4,5-Trichlorophenol
Concen: 74.712 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



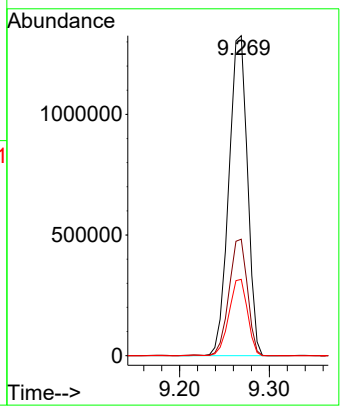


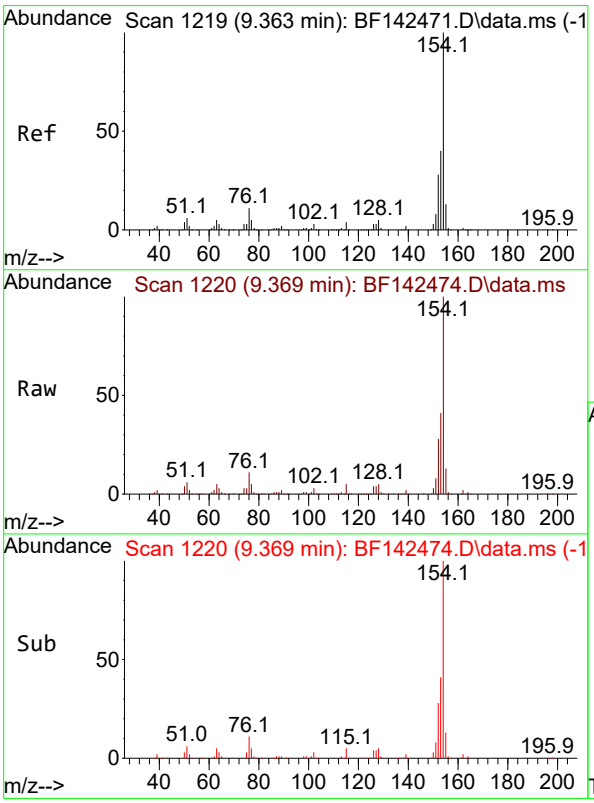
#45
2-Fluorobiphenyl
Concen: 136.080 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

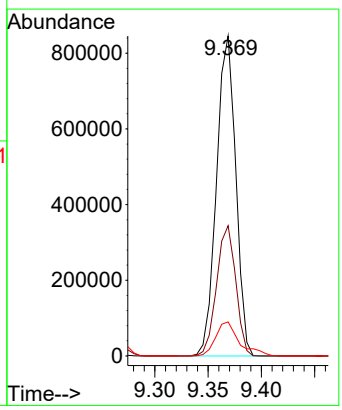


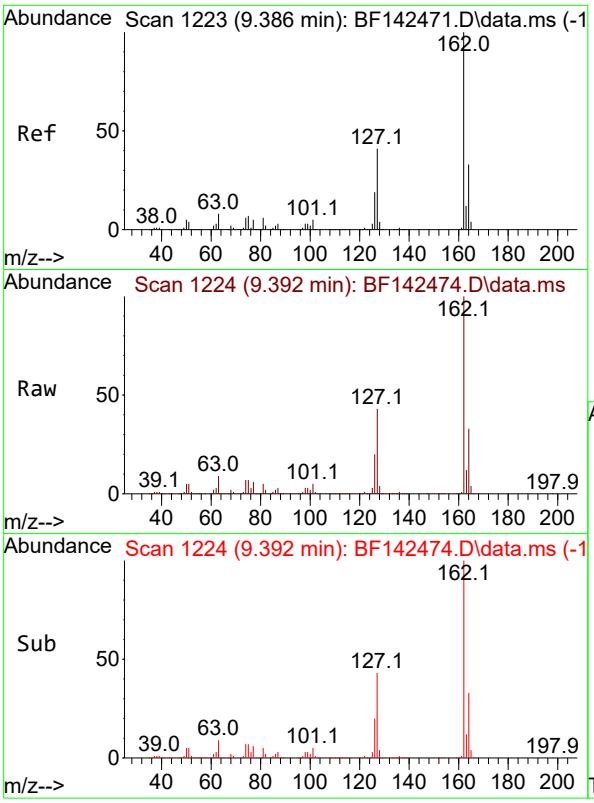


#46
1,1'-Biphenyl
Concen: 72.584 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



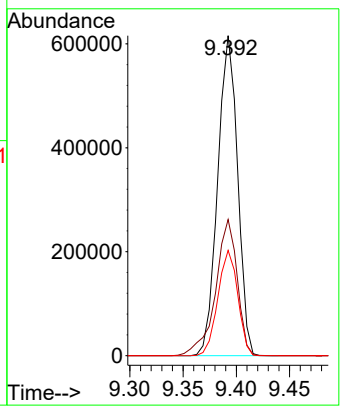


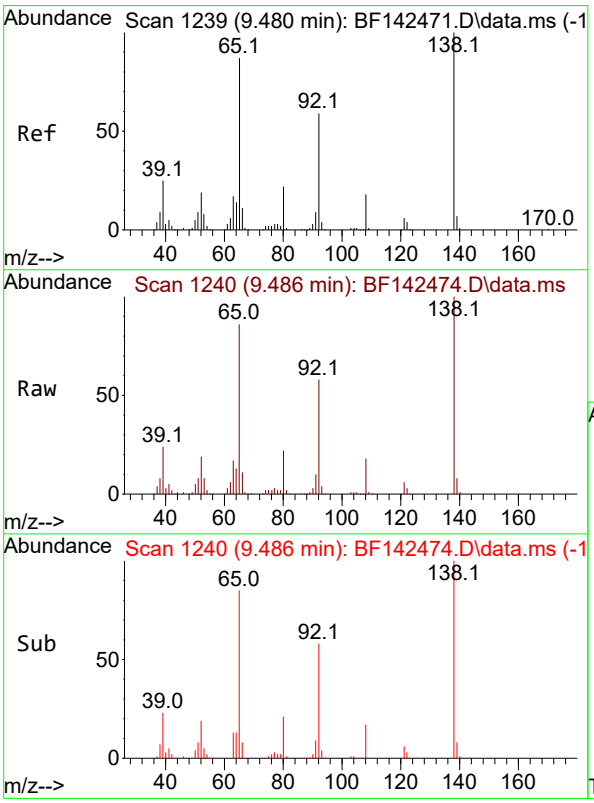
#47
2-Chloronaphthalene
Concen: 74.024 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

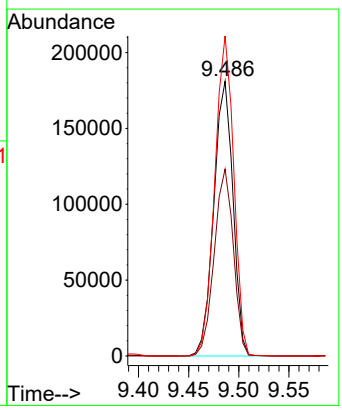


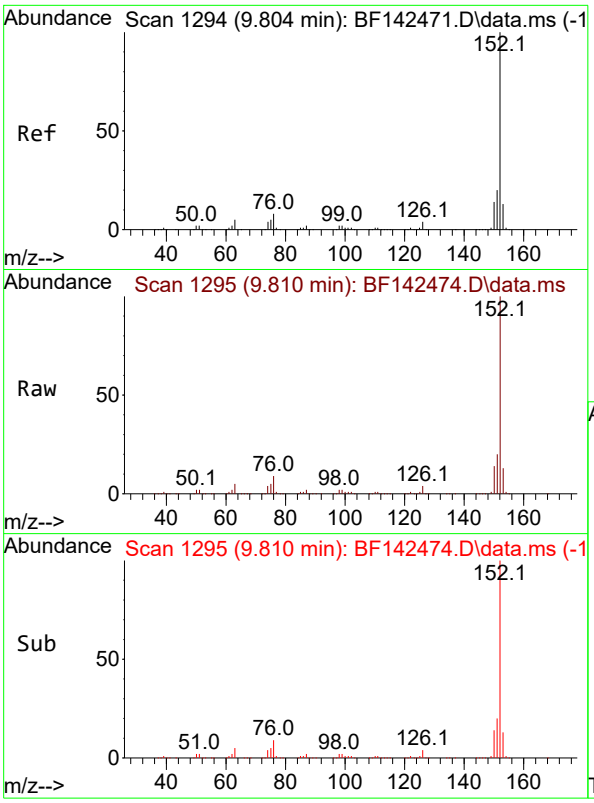


#48
2-Nitroaniline
Concen: 77.343 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



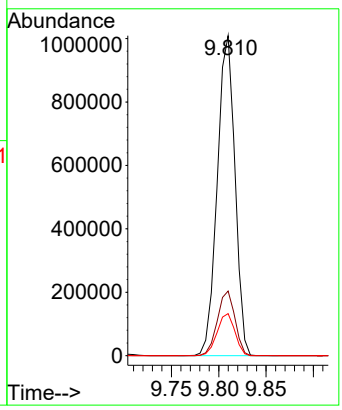


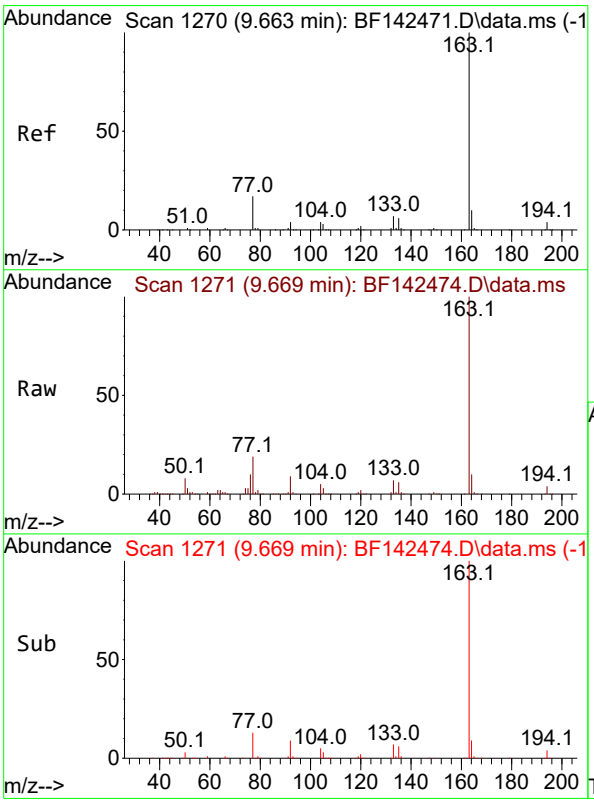
#49
Acenaphthylene
Concen: 72.118 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

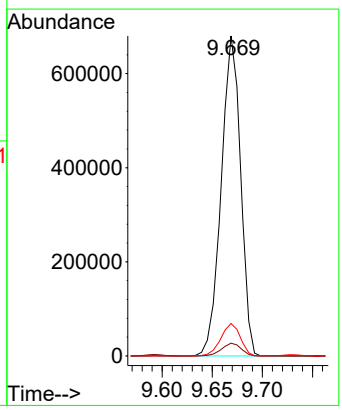


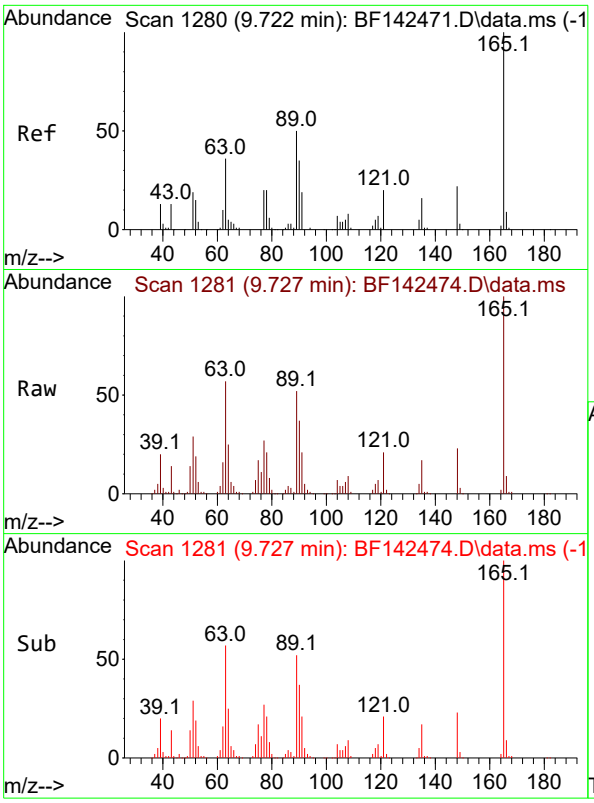


#50
Dimethylphthalate
Concen: 73.405 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



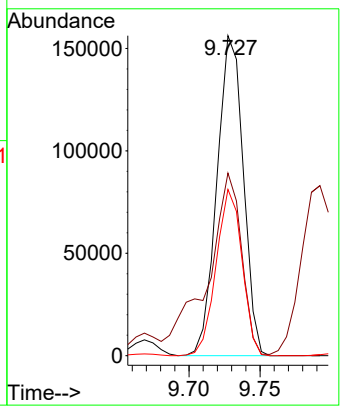


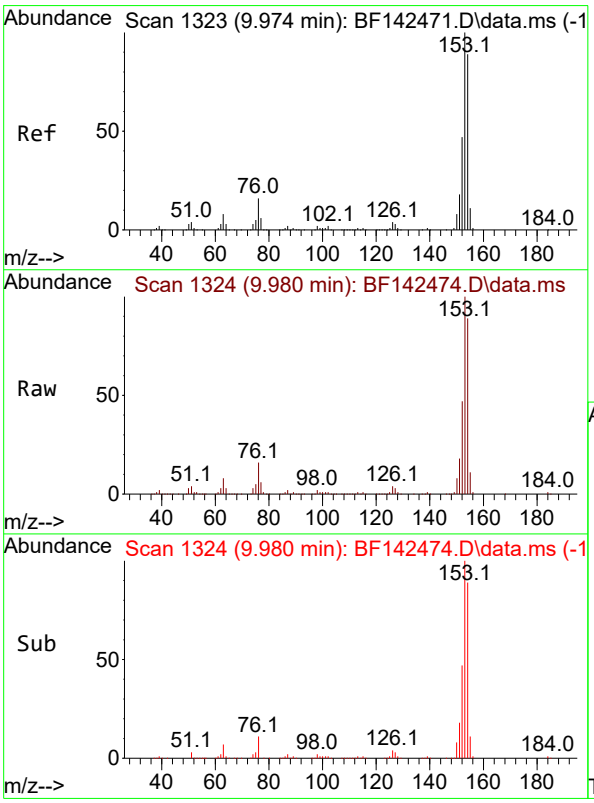
#51
2,6-Dinitrotoluene
Concen: 75.198 ng
RT: 9.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

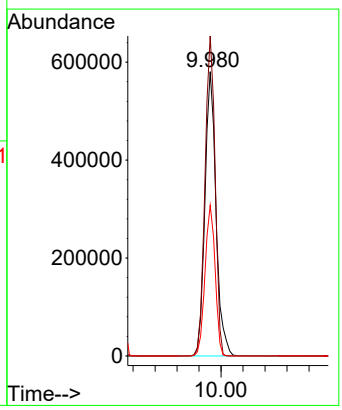


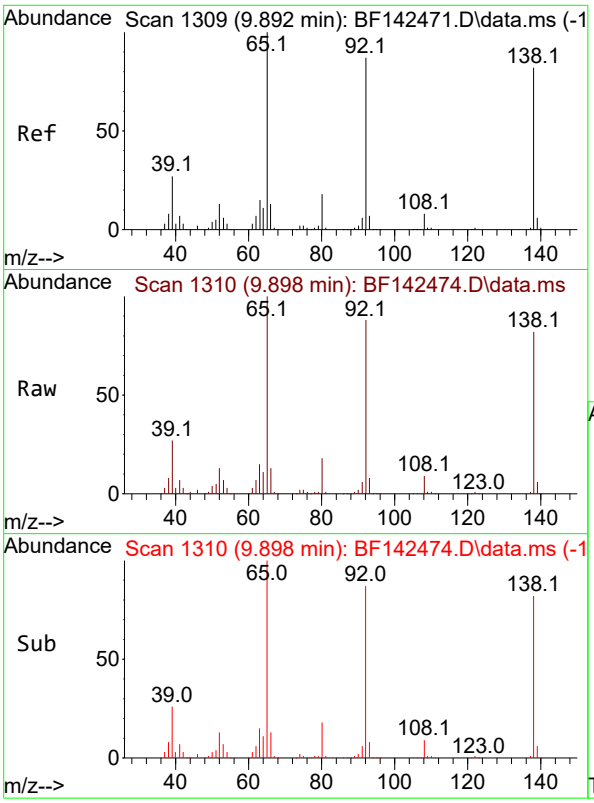


#52
Acenaphthene
Concen: 72.896 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



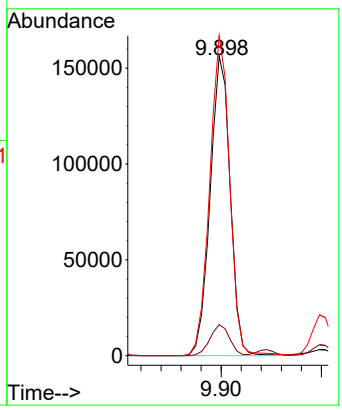


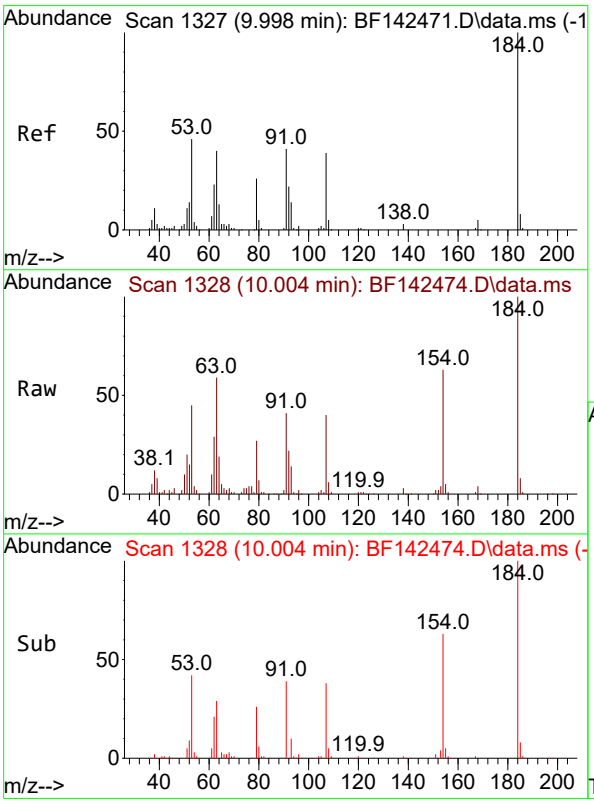
#53
3-Nitroaniline
Concen: 73.930 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

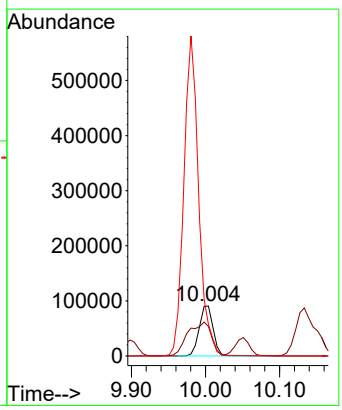


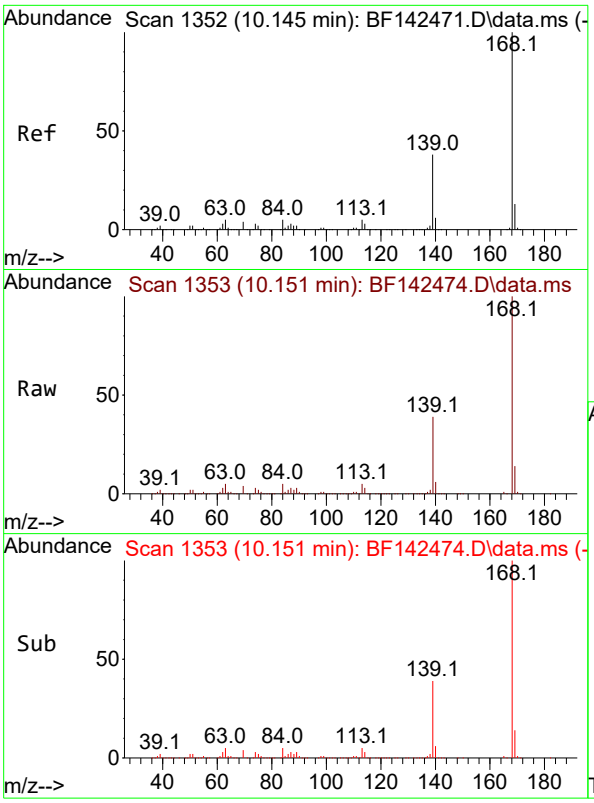


#54
2,4-Dinitrophenol
Concen: 85.999 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



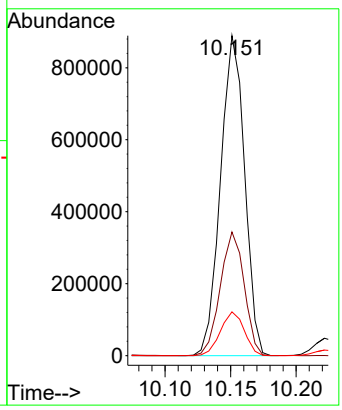


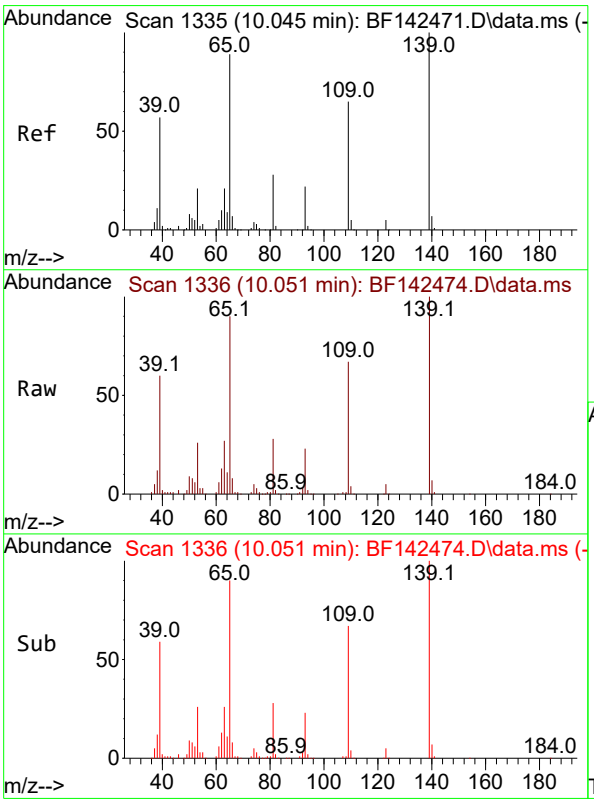
#55
Dibenzofuran
Concen: 70.990 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

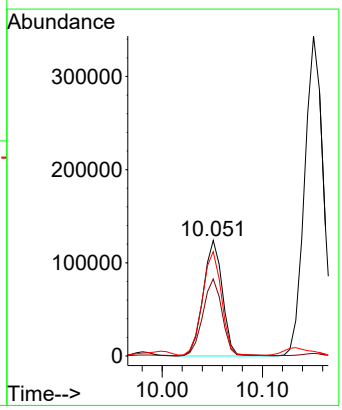


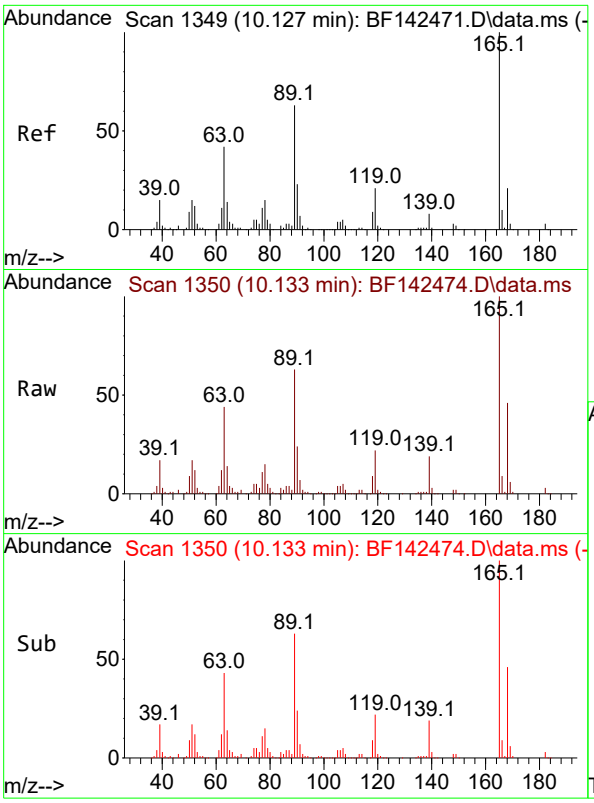


#56
4-Nitrophenol
Concen: 76.638 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



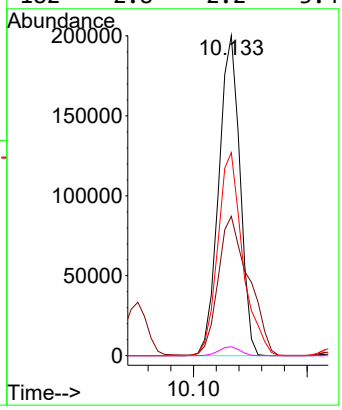


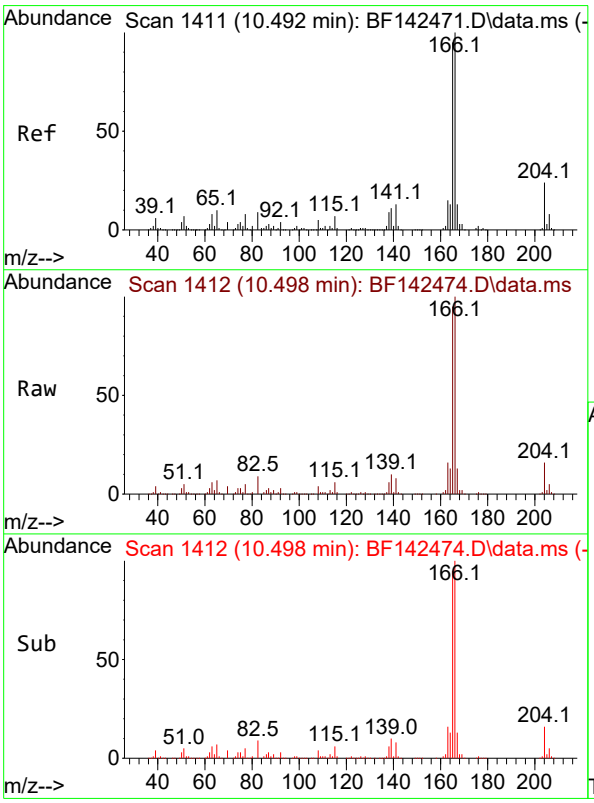
#57
2,4-Dinitrotoluene
Concen: 74.005 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

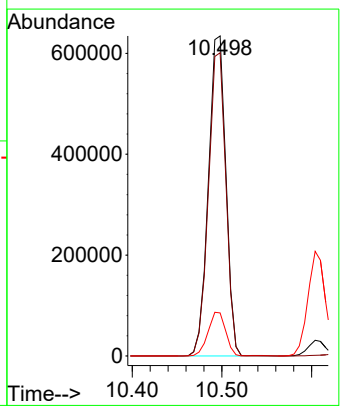


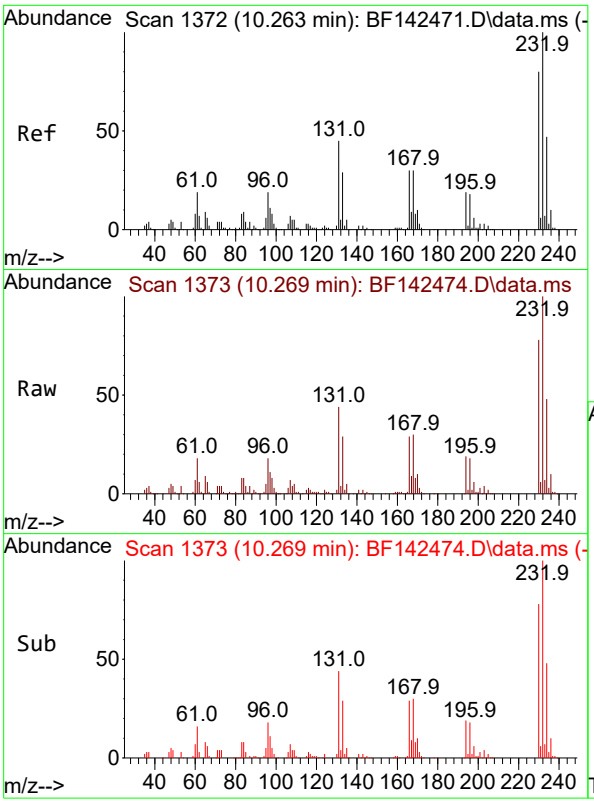


#58
Fluorene
Concen: 69.377 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



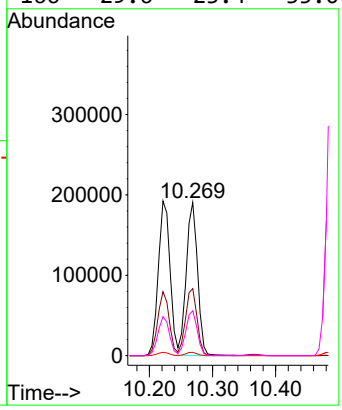


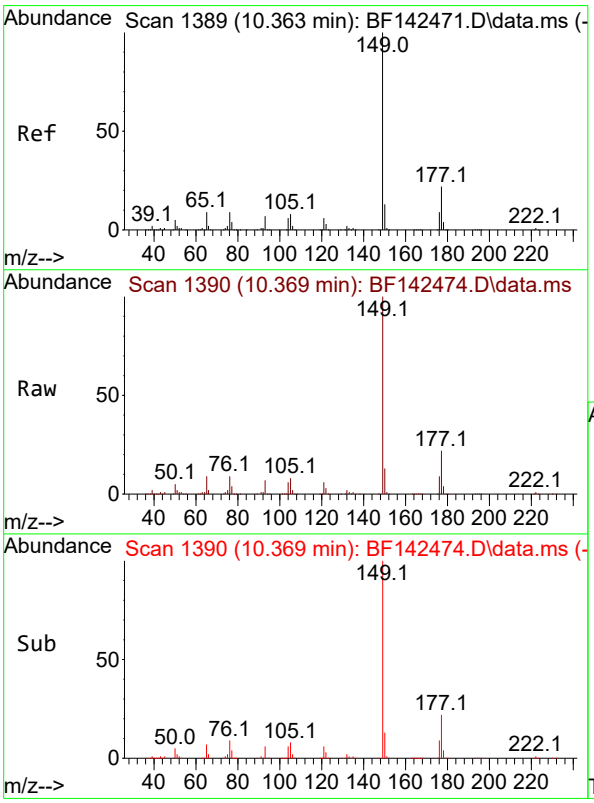
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.324 ng
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

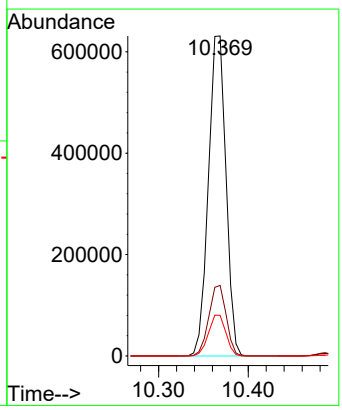


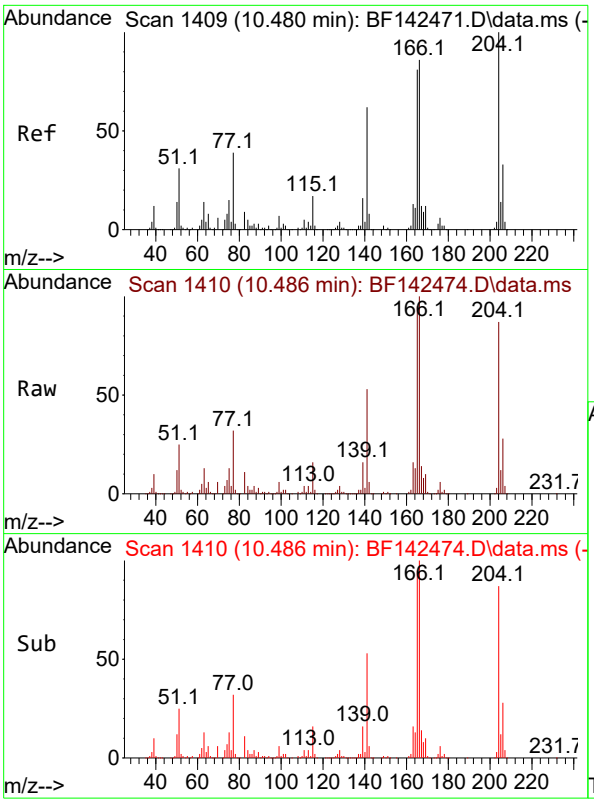


#60
Diethylphthalate
Concen: 70.773 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



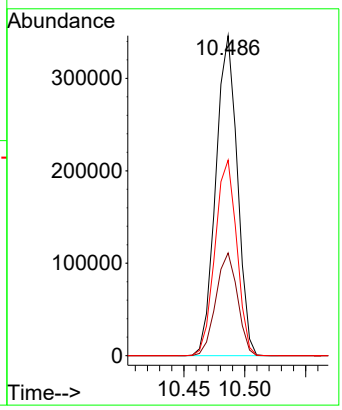


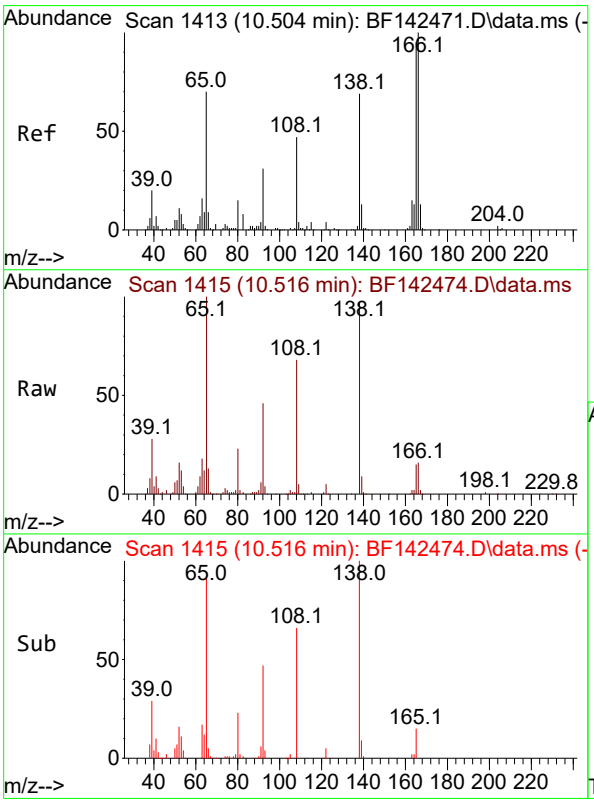
#61
4-Chlorophenyl-phenylether
Concen: 70.193 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

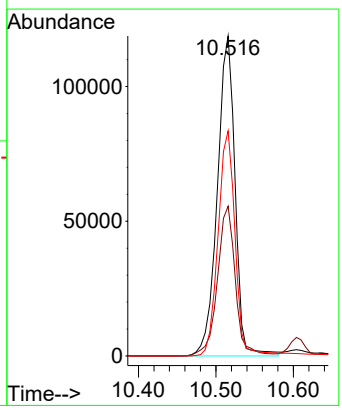


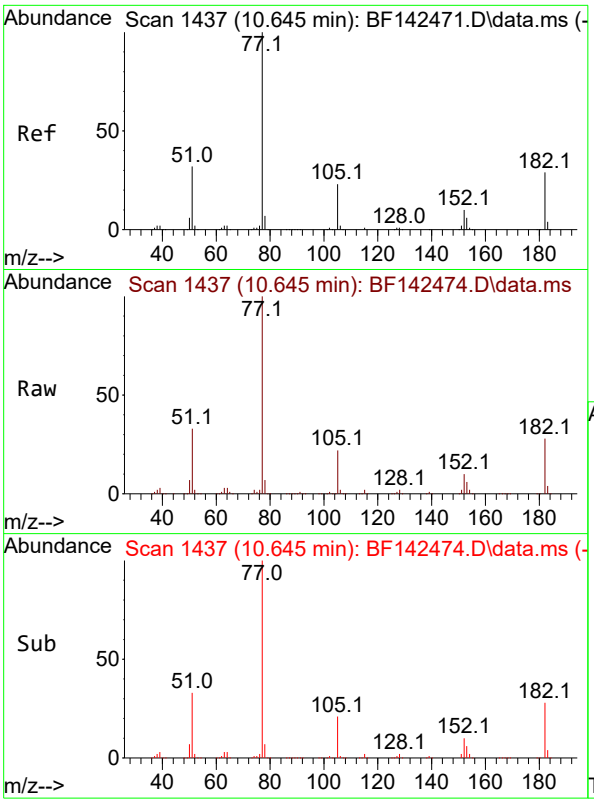


#62
4-Nitroaniline
Concen: 71.105 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



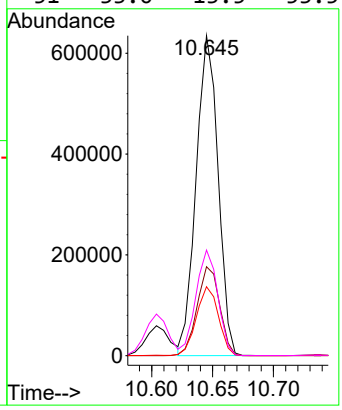


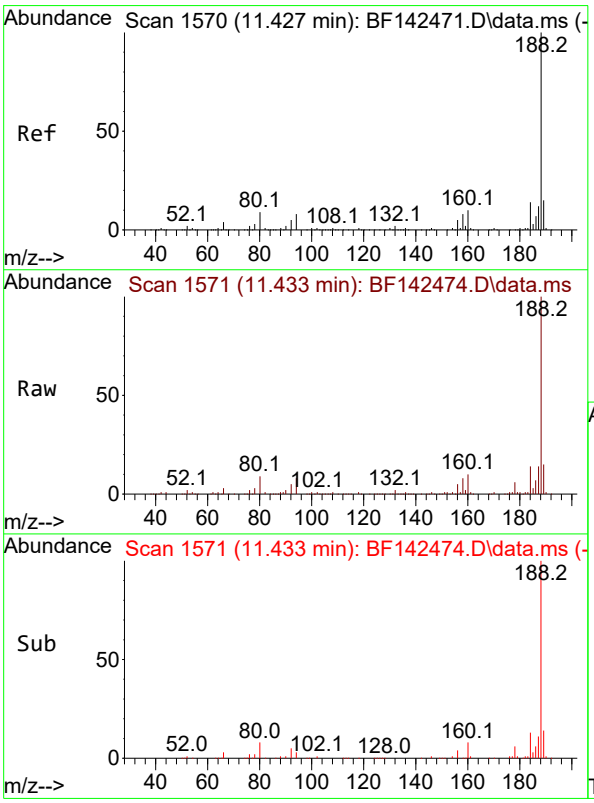
#63
Azobenzene
Concen: 72.893 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

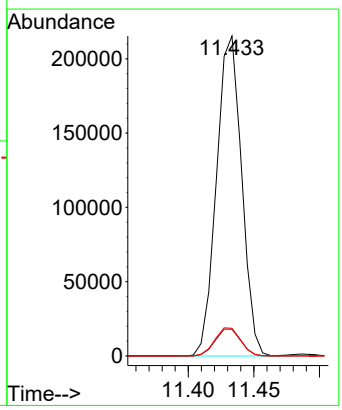


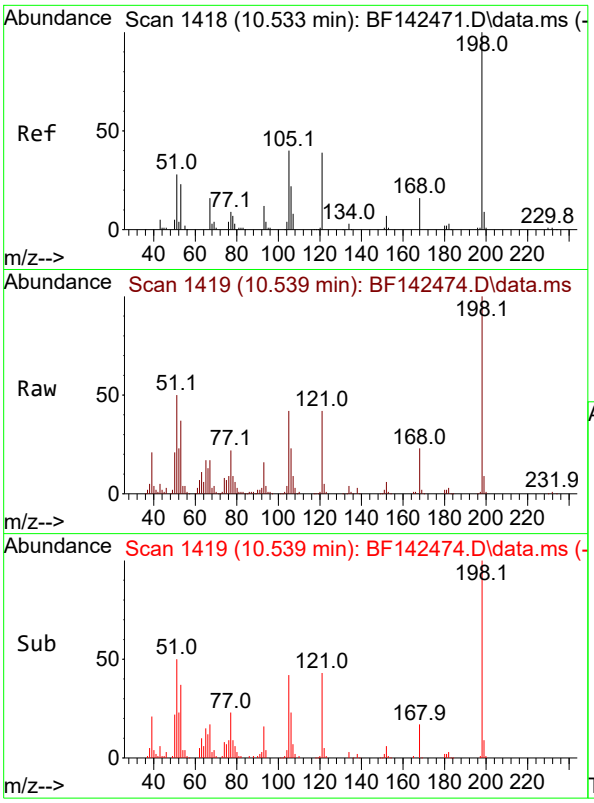


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



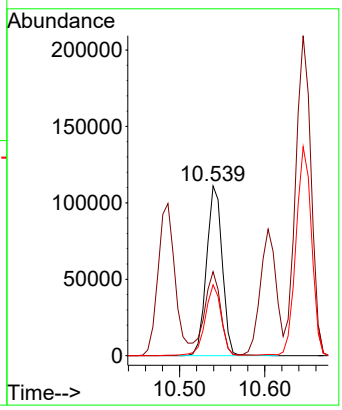


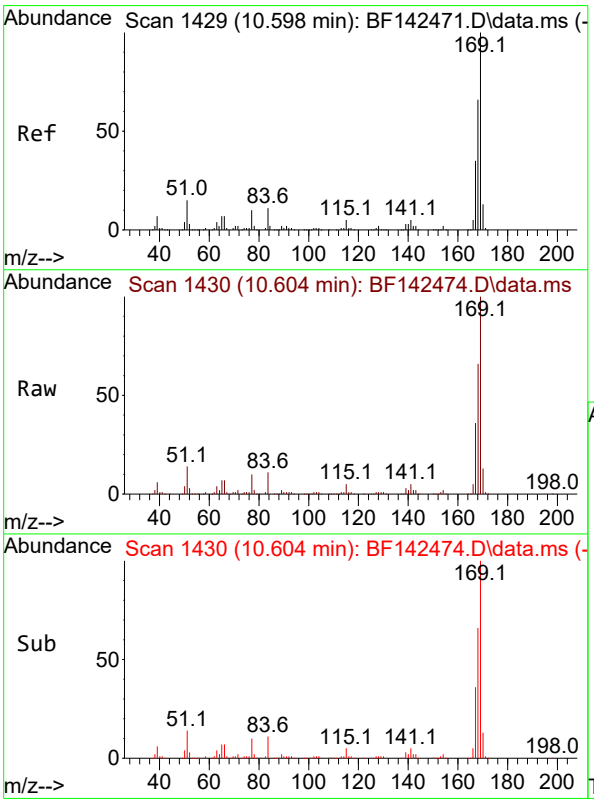
#65
4,6-Dinitro-2-methylphenol
Concen: 88.468 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

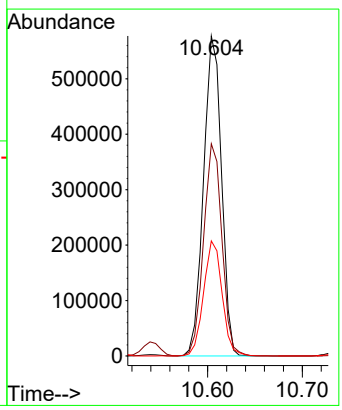


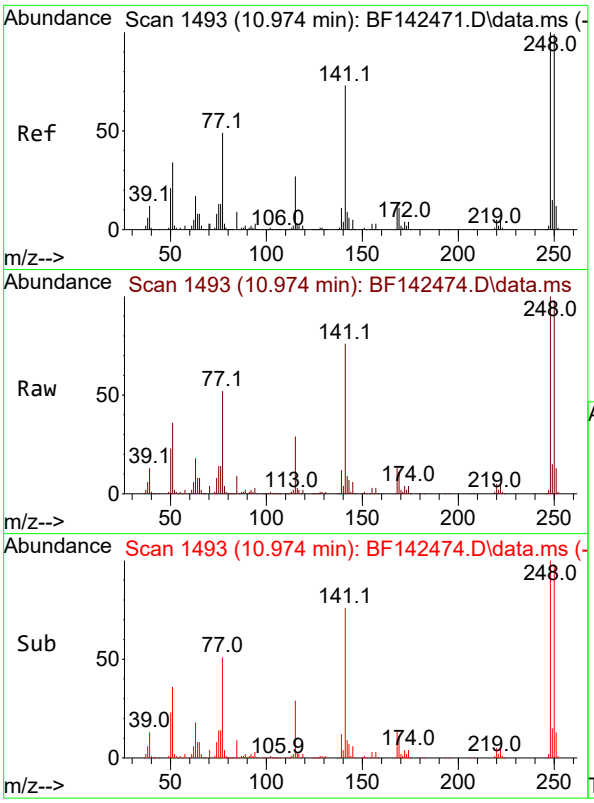


#66
n-Nitrosodiphenylamine
Concen: 77.145 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



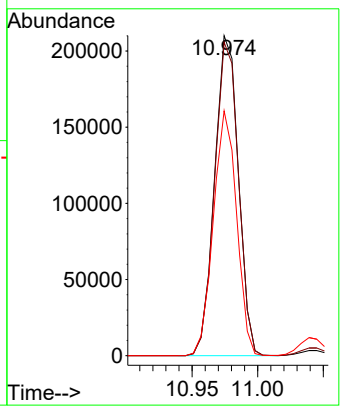


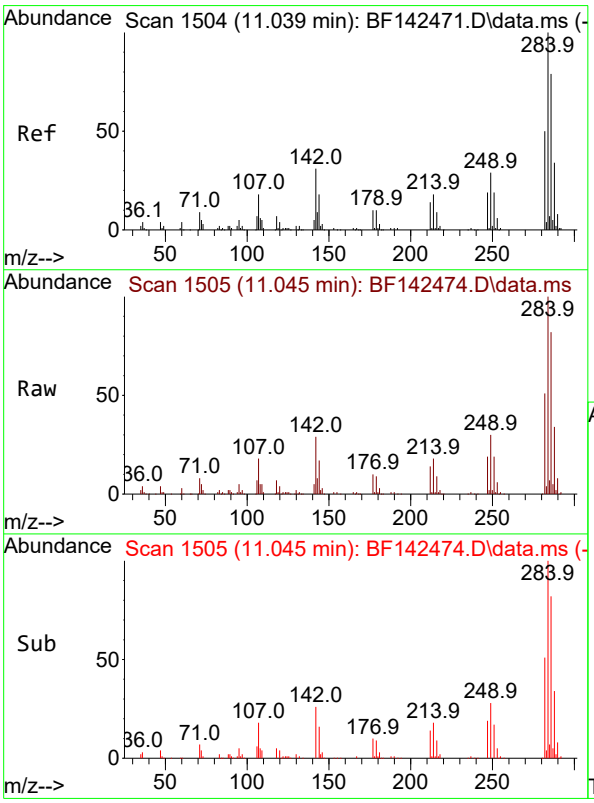
#67
4-Bromophenyl-phenylether
Concen: 77.920 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

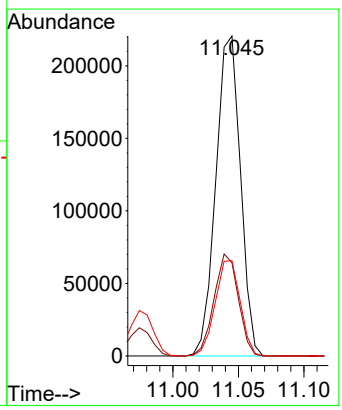


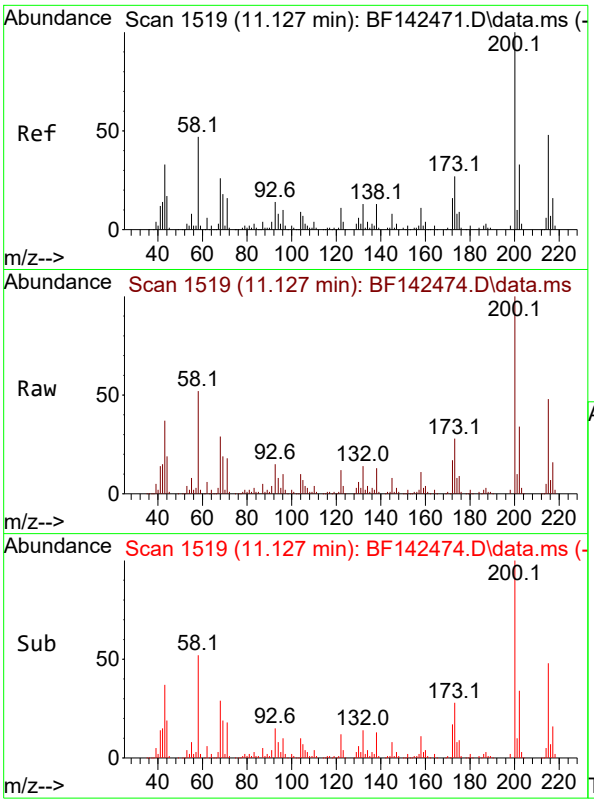


#68
Hexachlorobenzene
Concen: 76.555 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



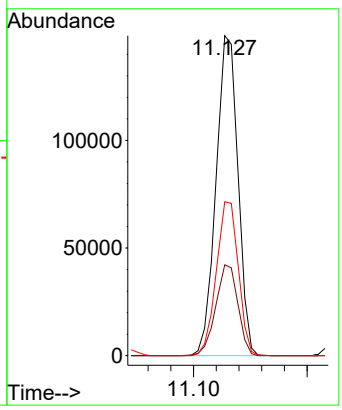


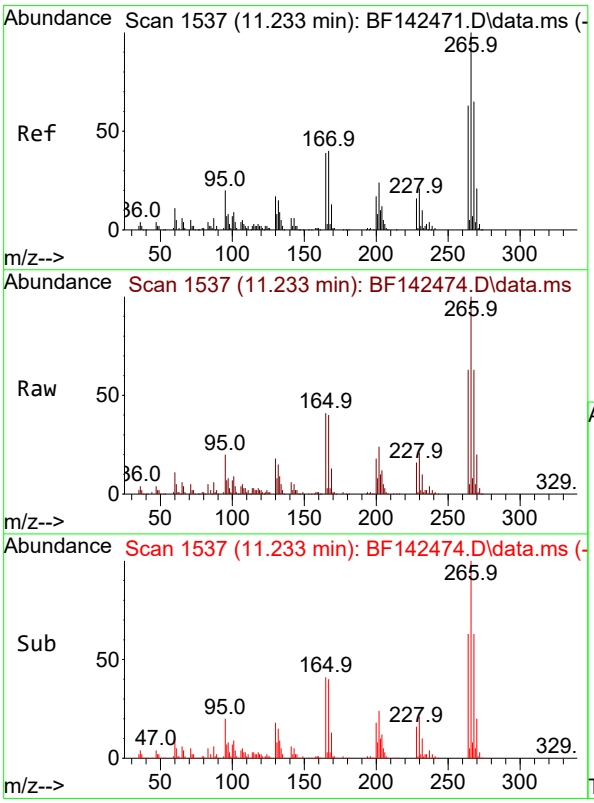
#69
Atrazine
Concen: 76.581 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

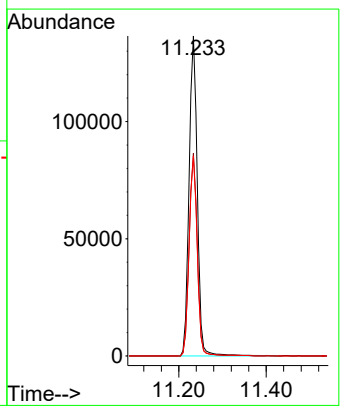


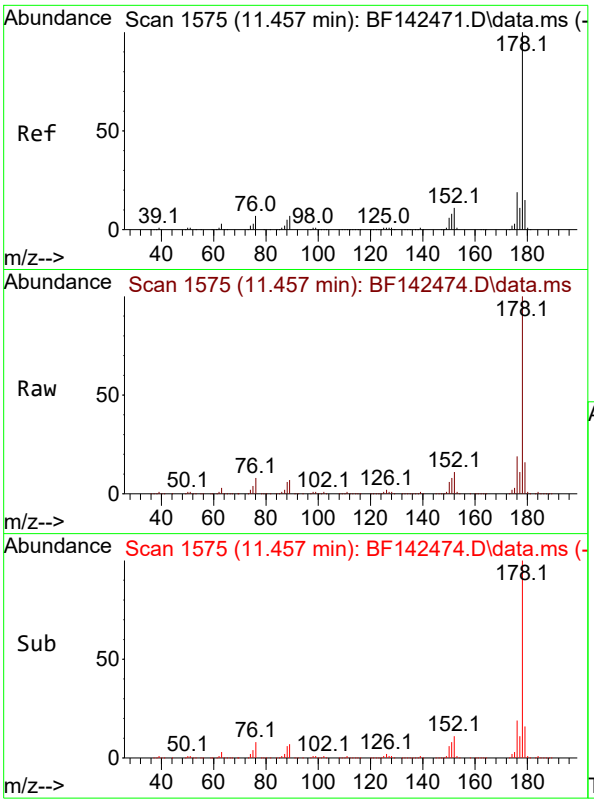


#70
Pentachlorophenol
Concen: 83.666 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



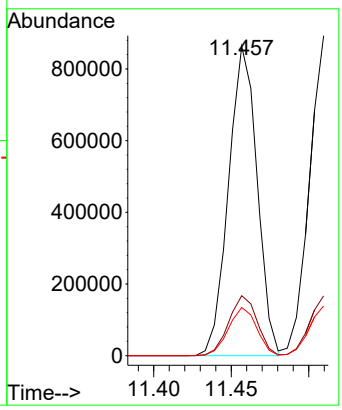


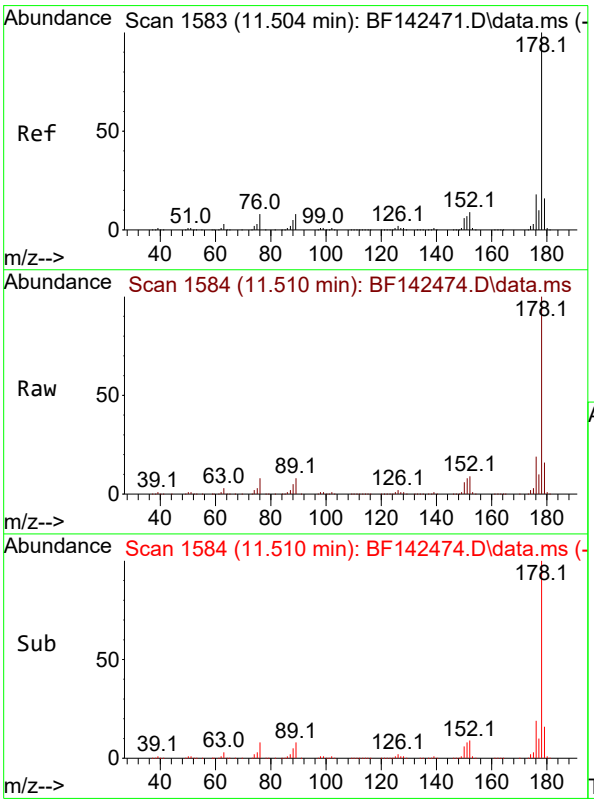
#71
Phenanthrene
Concen: 72.134 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

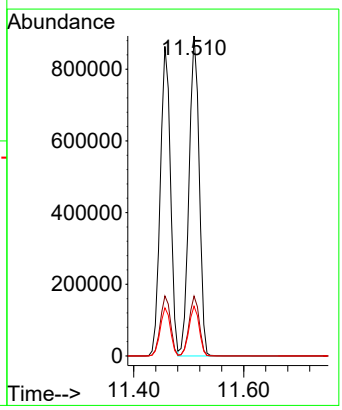


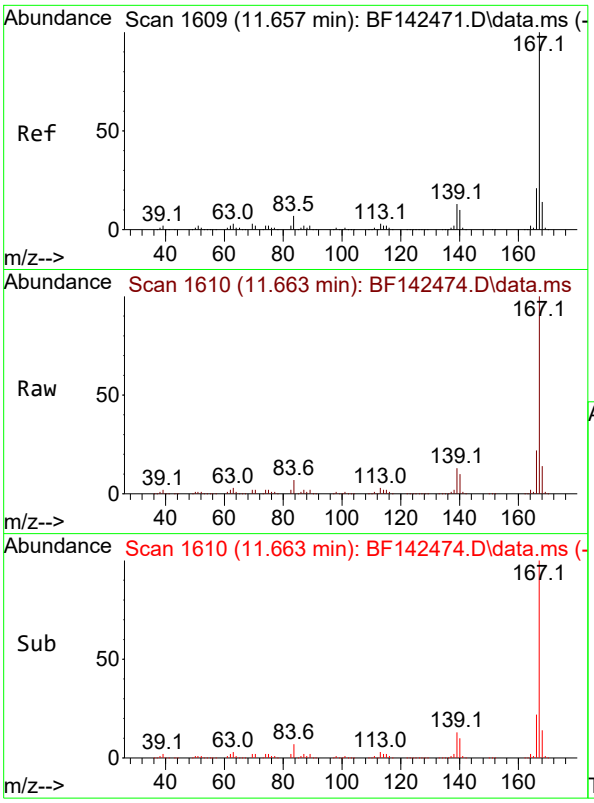


#72
Anthracene
Concen: 73.009 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



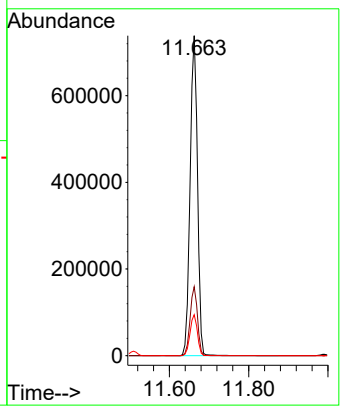


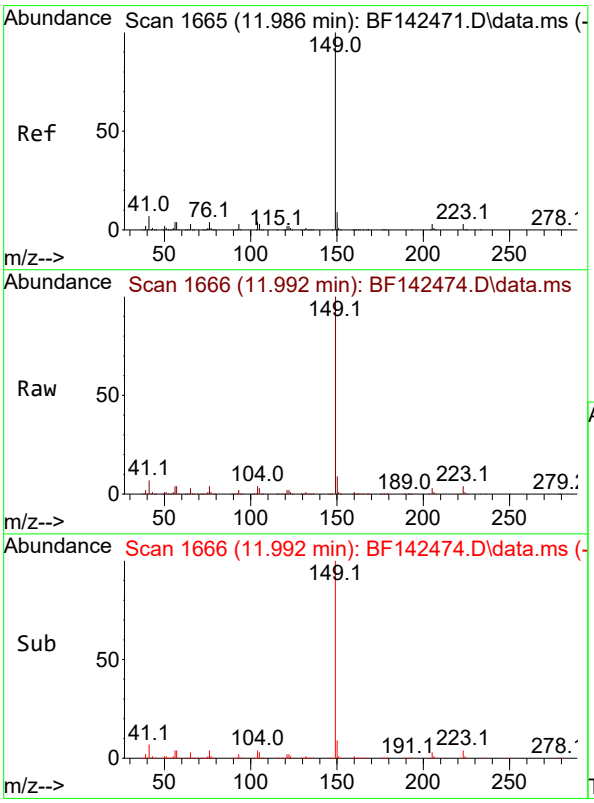
#73
Carbazole
Concen: 71.360 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

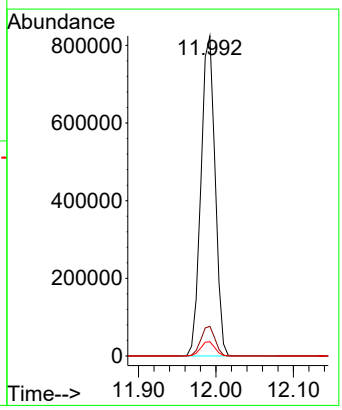


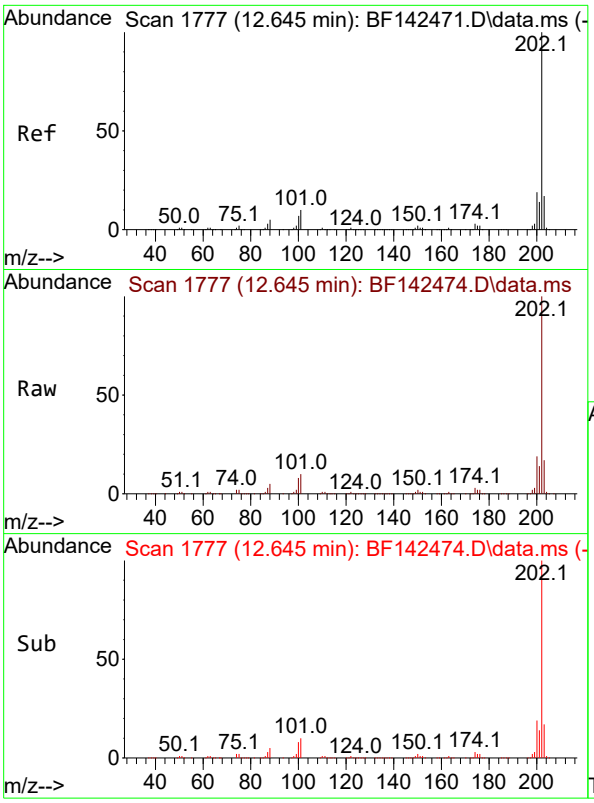


#74
Di-n-butylphthalate
Concen: 71.153 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



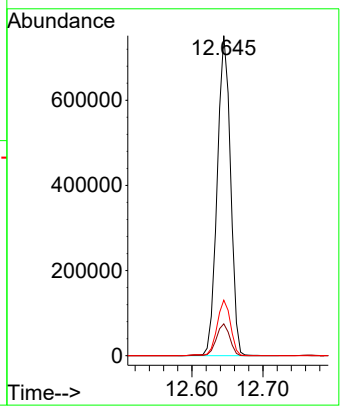


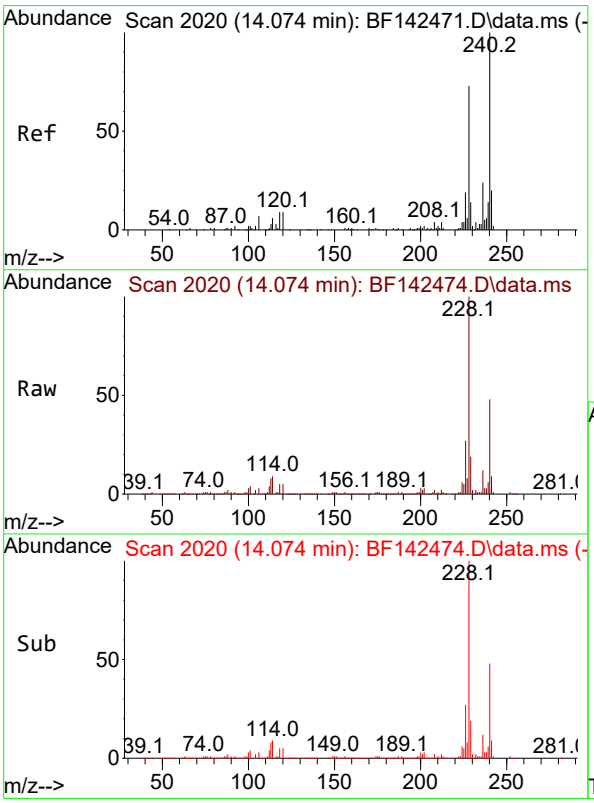
#75
Fluoranthene
Concen: 67.750 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

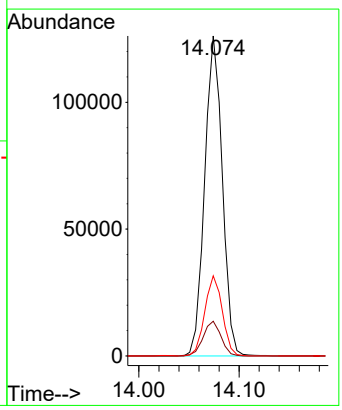


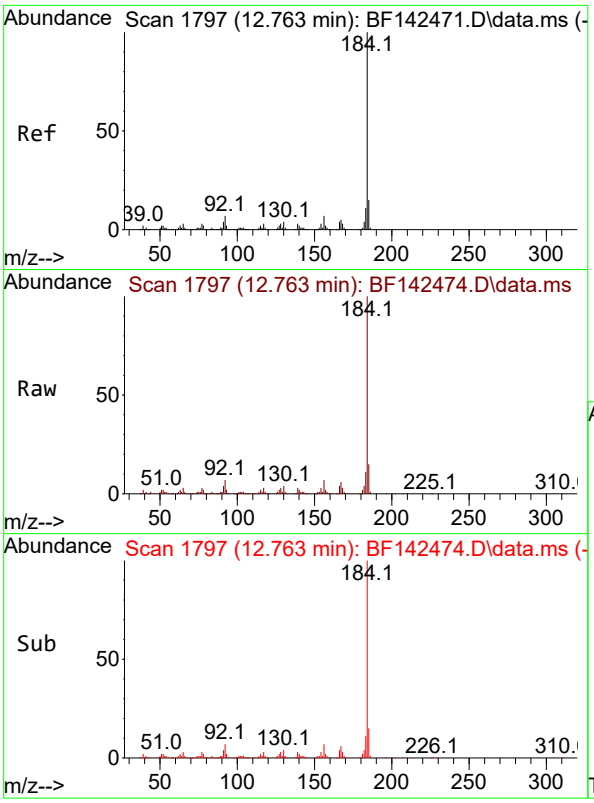


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



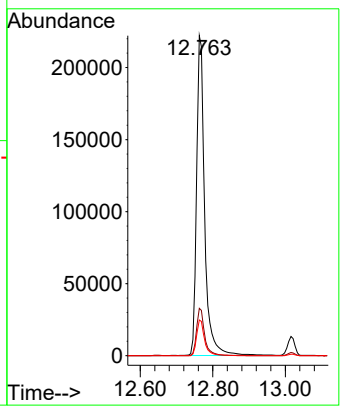


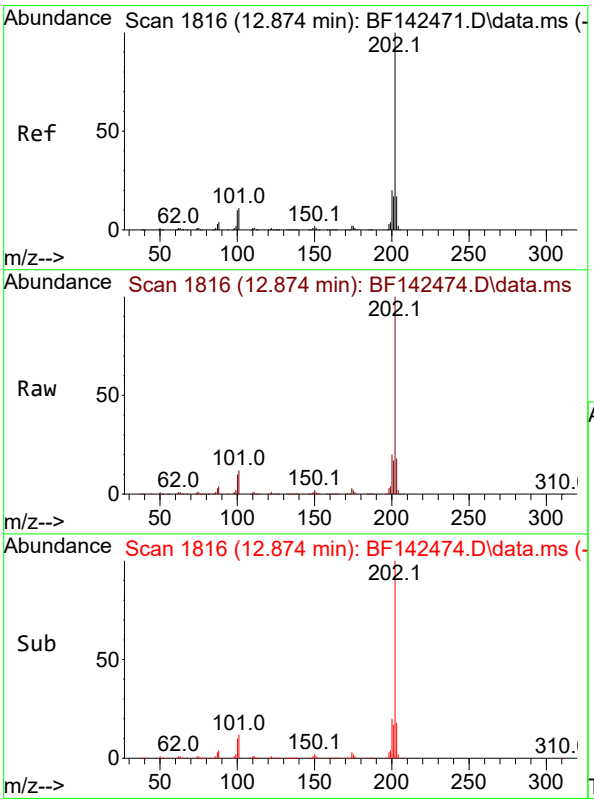
#77
Benzidine
Concen: 59.795 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

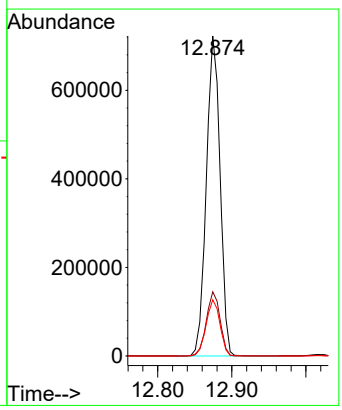


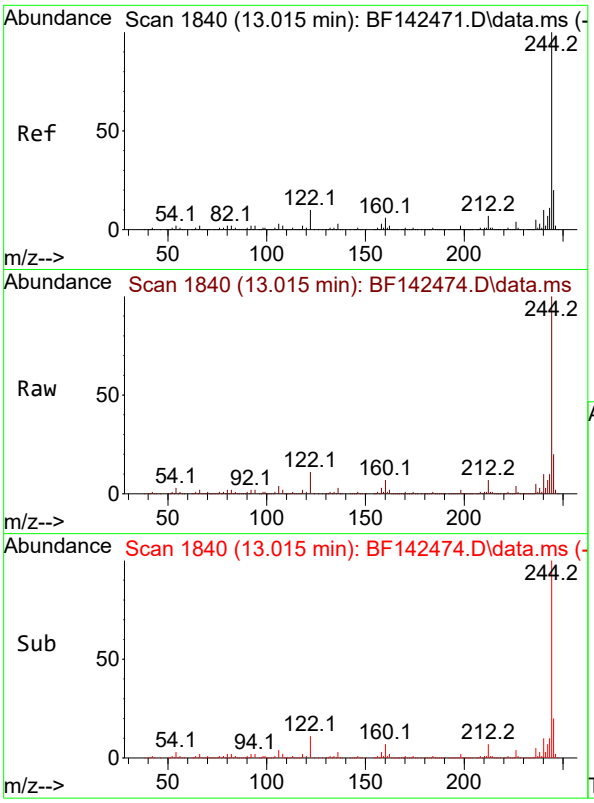


#78
Pyrene
Concen: 64.632 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



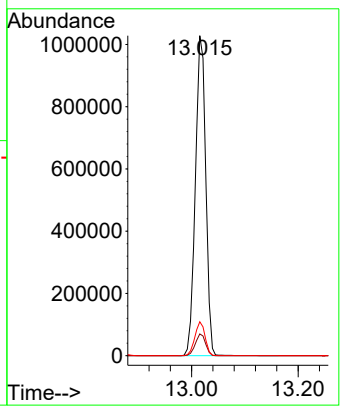


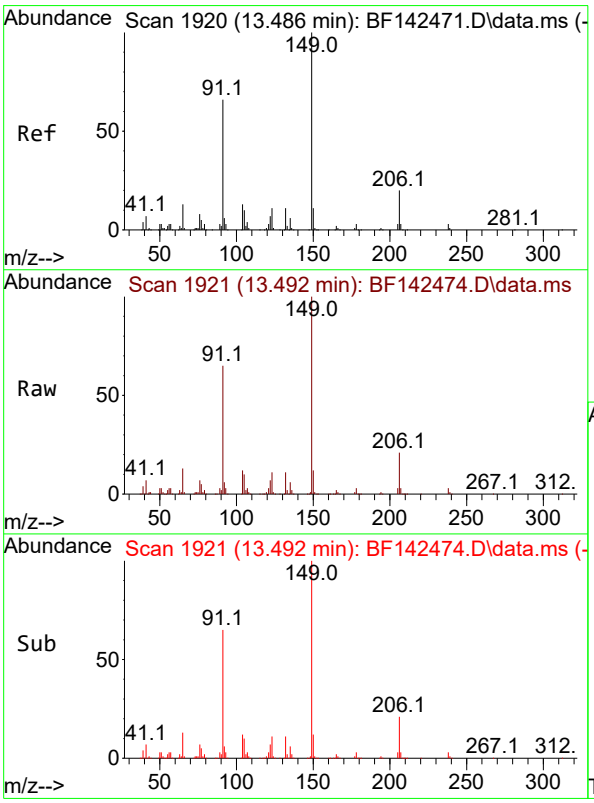
#79
Terphenyl-d14
Concen: 123.140 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

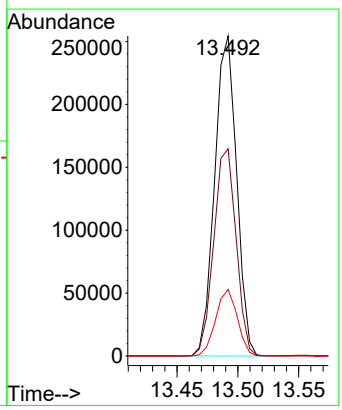


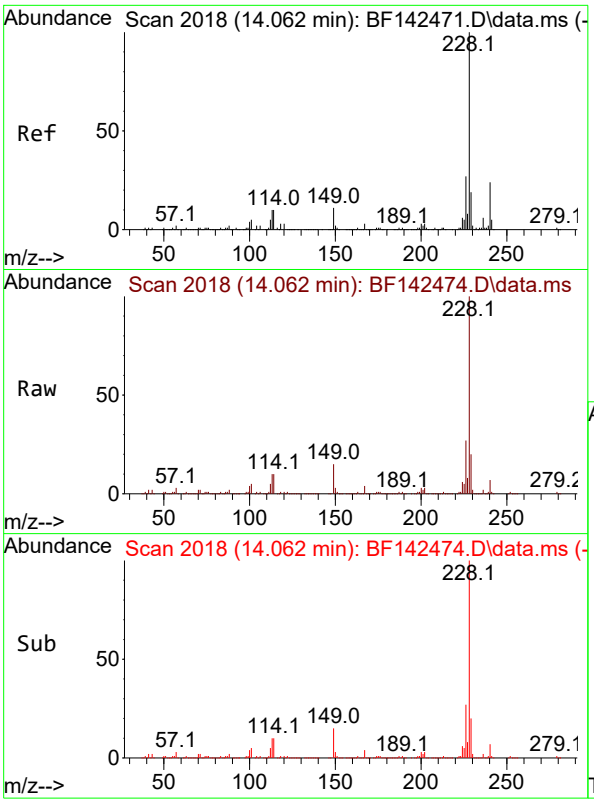


#80
Butylbenzylphthalate
Concen: 80.252 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



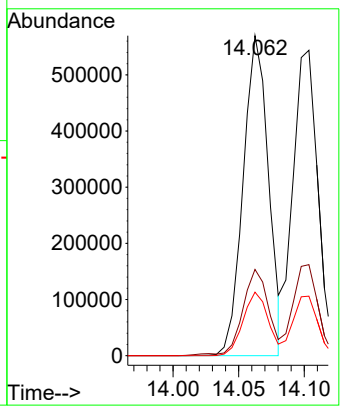


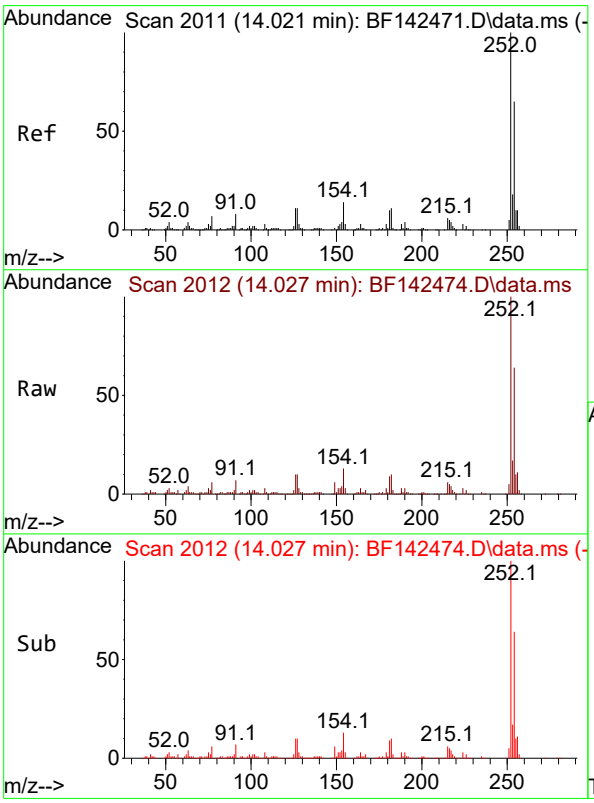
#81
Benzo(a)anthracene
Concen: 74.167 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

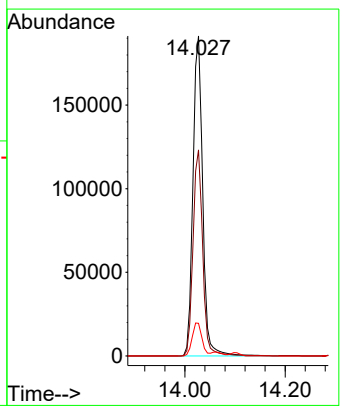


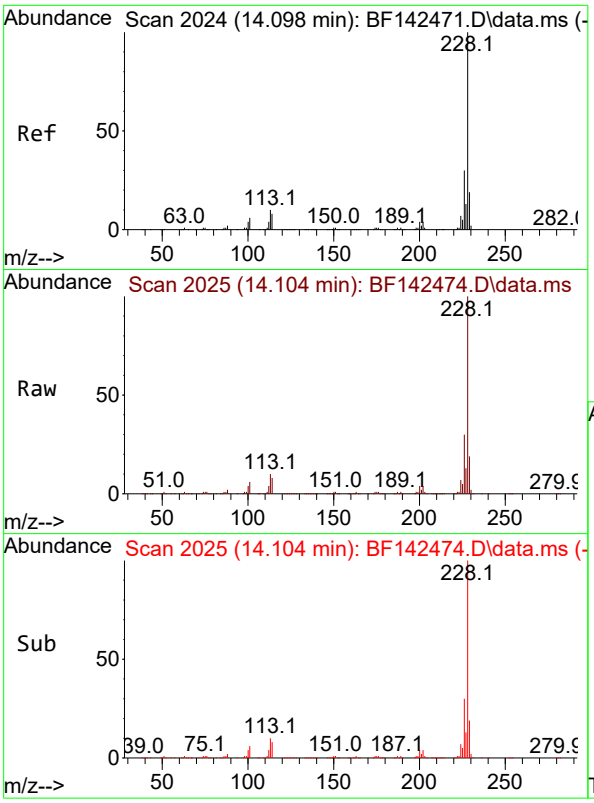


#82
3,3'-Dichlorobenzidine
Concen: 82.274 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



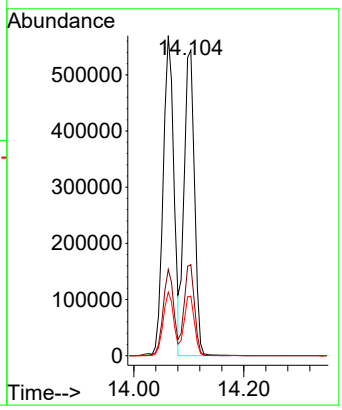


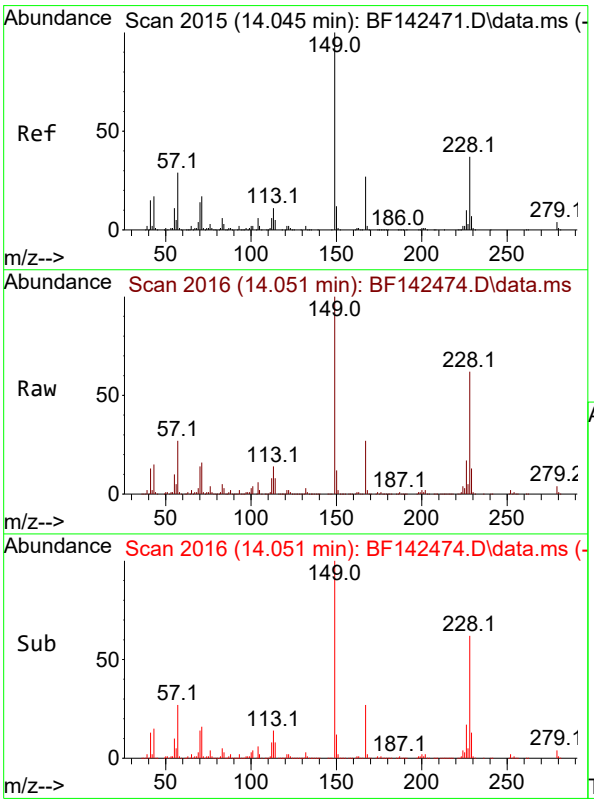
#83
Chrysene
Concen: 77.206 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

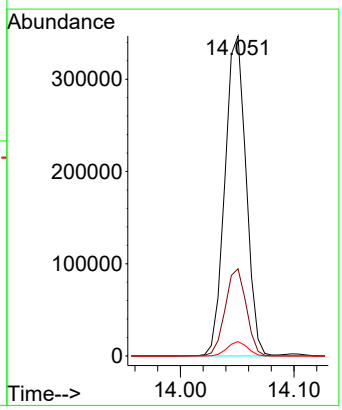


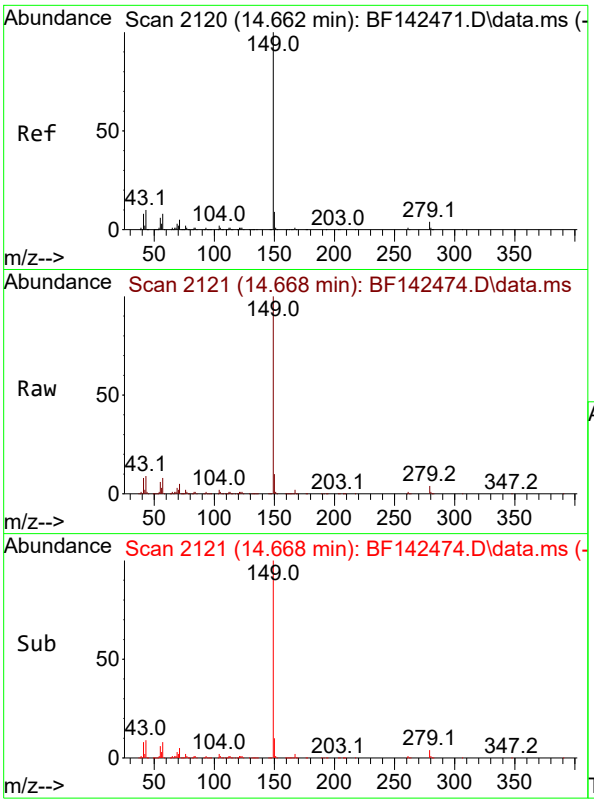


#84
Bis(2-ethylhexyl)phthalate
Concen: 88.168 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



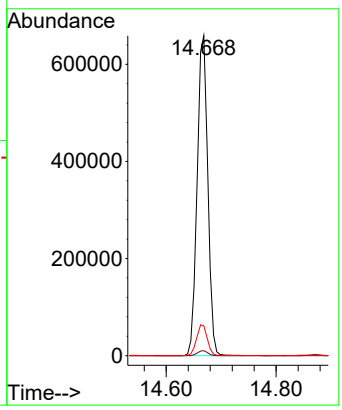


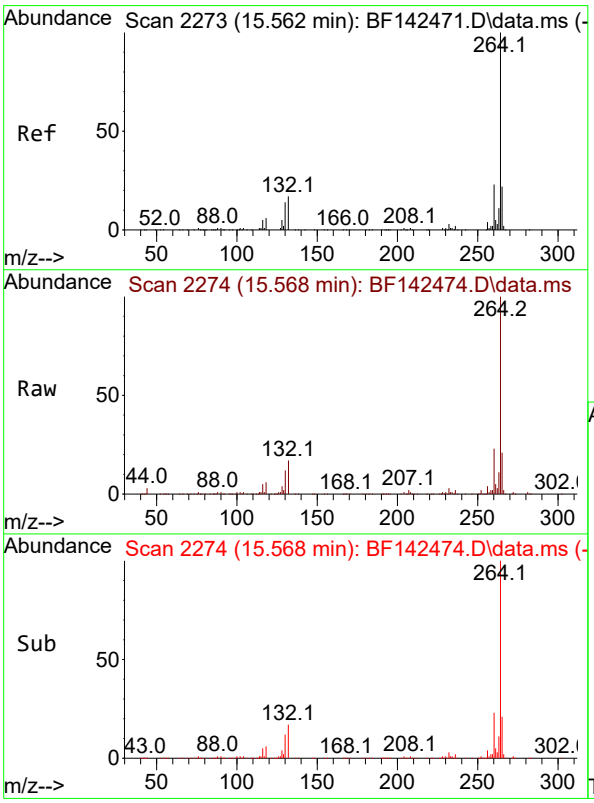
#85
Di-n-octyl phthalate
Concen: 89.073 ng
RT: 14.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

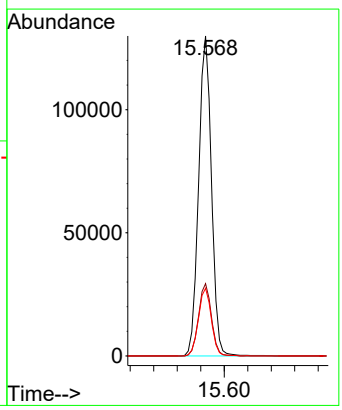


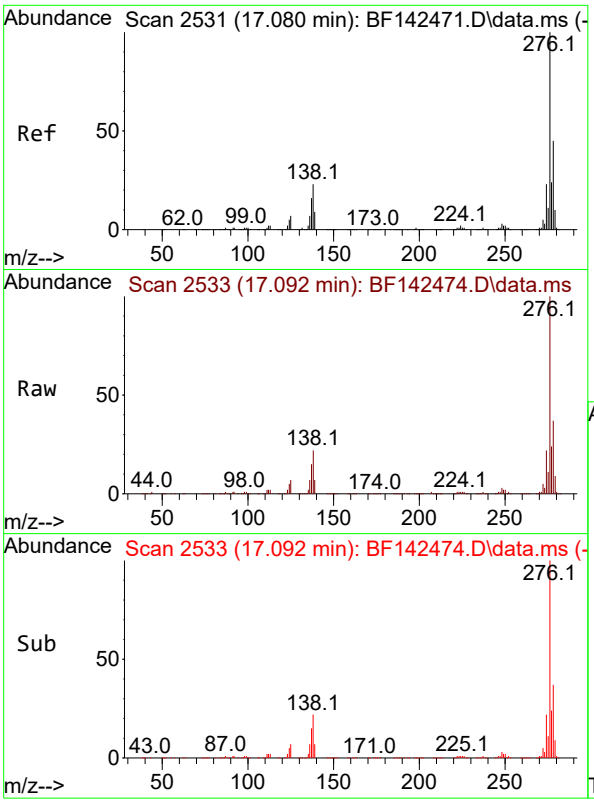


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



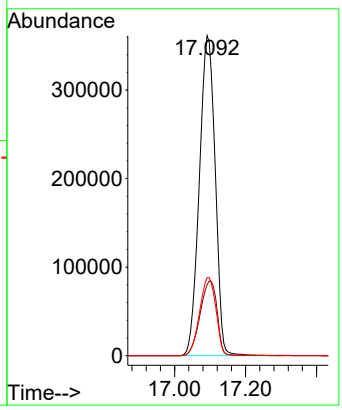


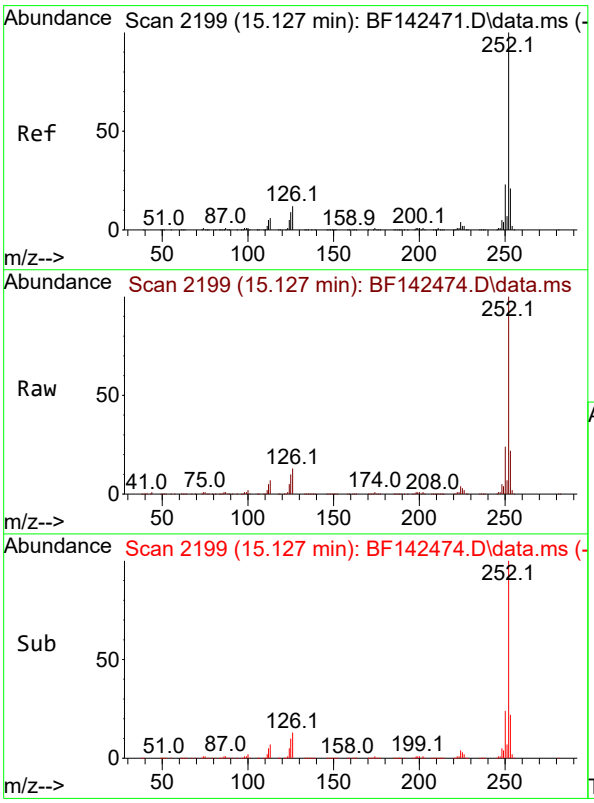
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.417 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

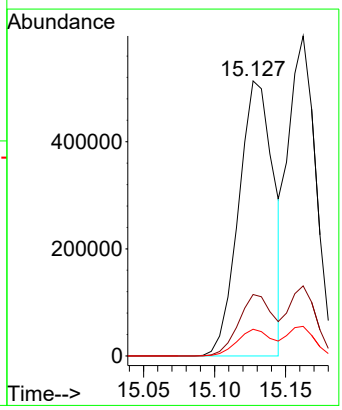


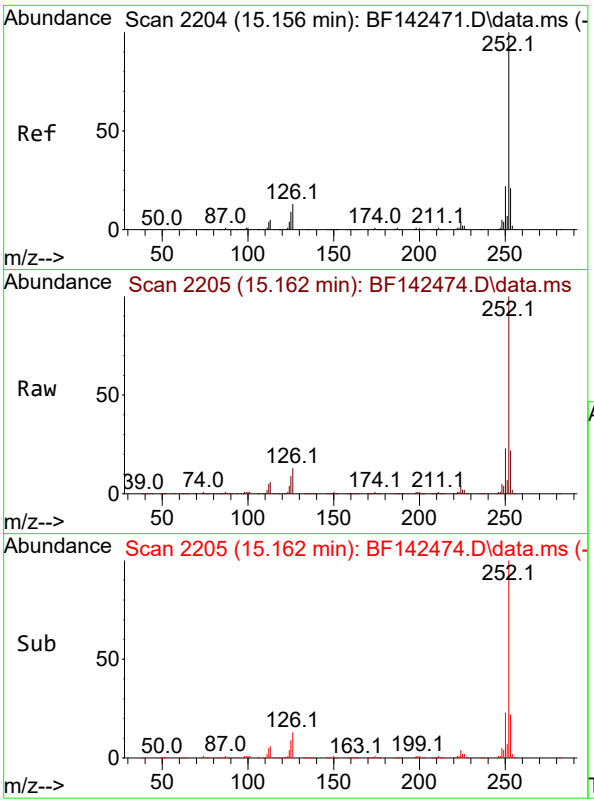


#88
Benzo(b)fluoranthene
Concen: 75.267 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



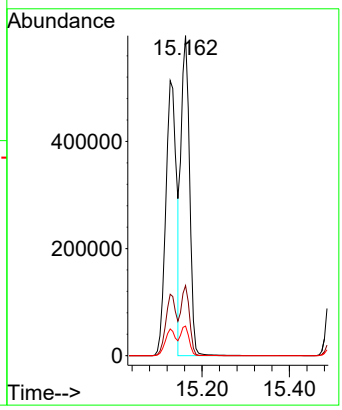


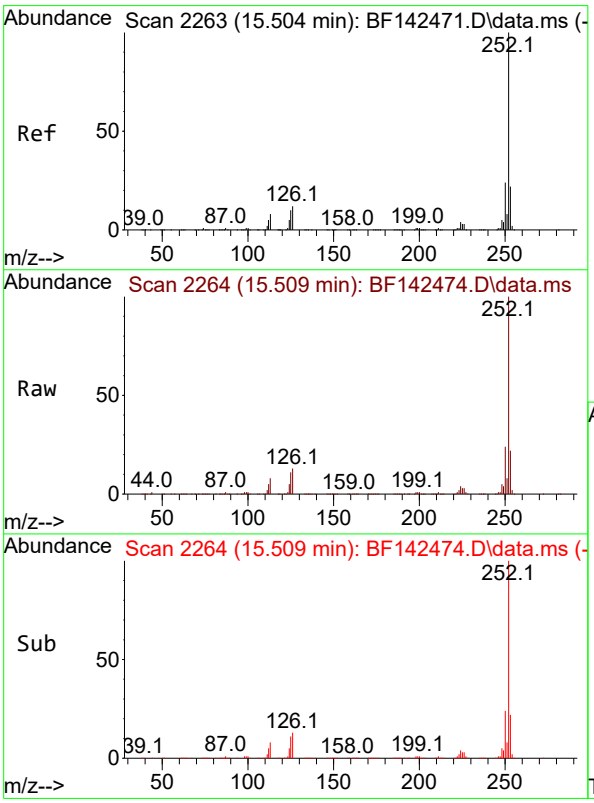
#89
Benzo(k)fluoranthene
Concen: 73.850 ng
RT: 15.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

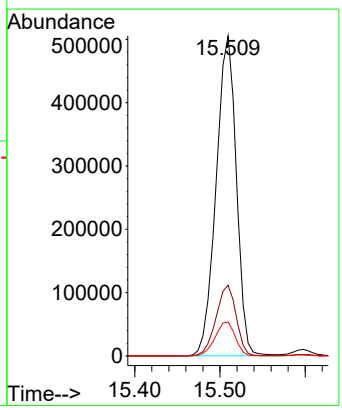


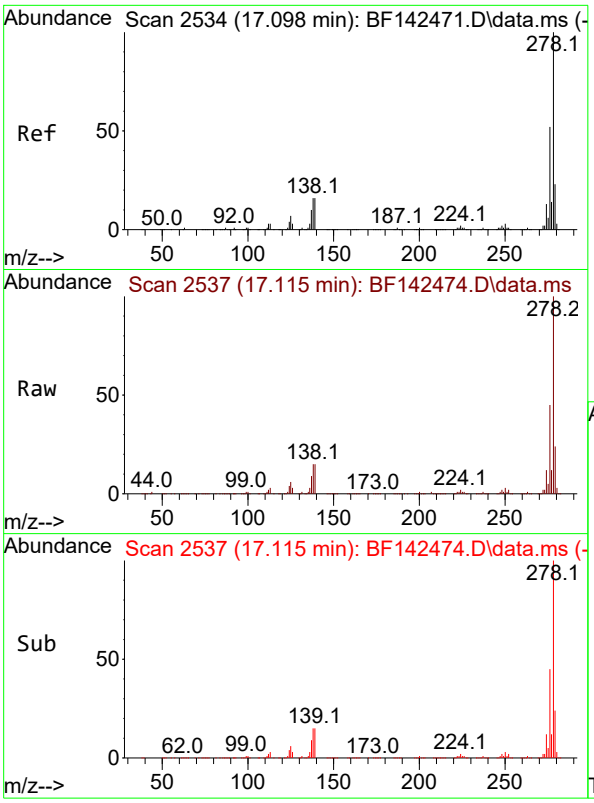


#90
Benzo(a)pyrene
Concen: 76.121 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



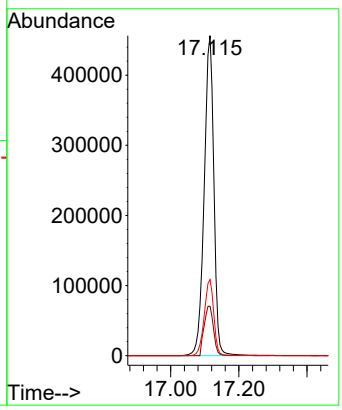


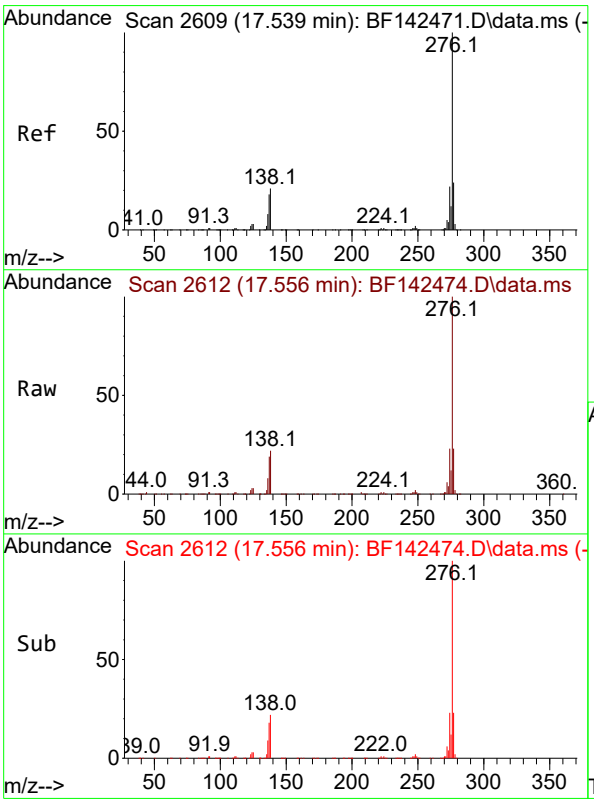
#91
Dibenzo(a,h)anthracene
Concen: 75.513 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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

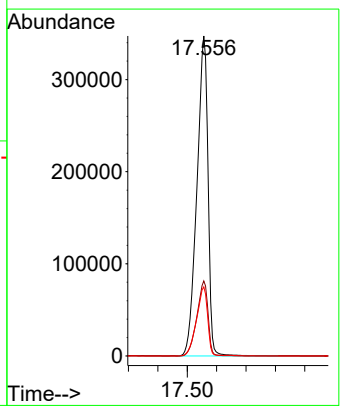




#92
Benzo(g,h,i)perylene
Concen: 76.073 ng
RT: 17.556 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

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



Quantitation Report (QT Reviewed)

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

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

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

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

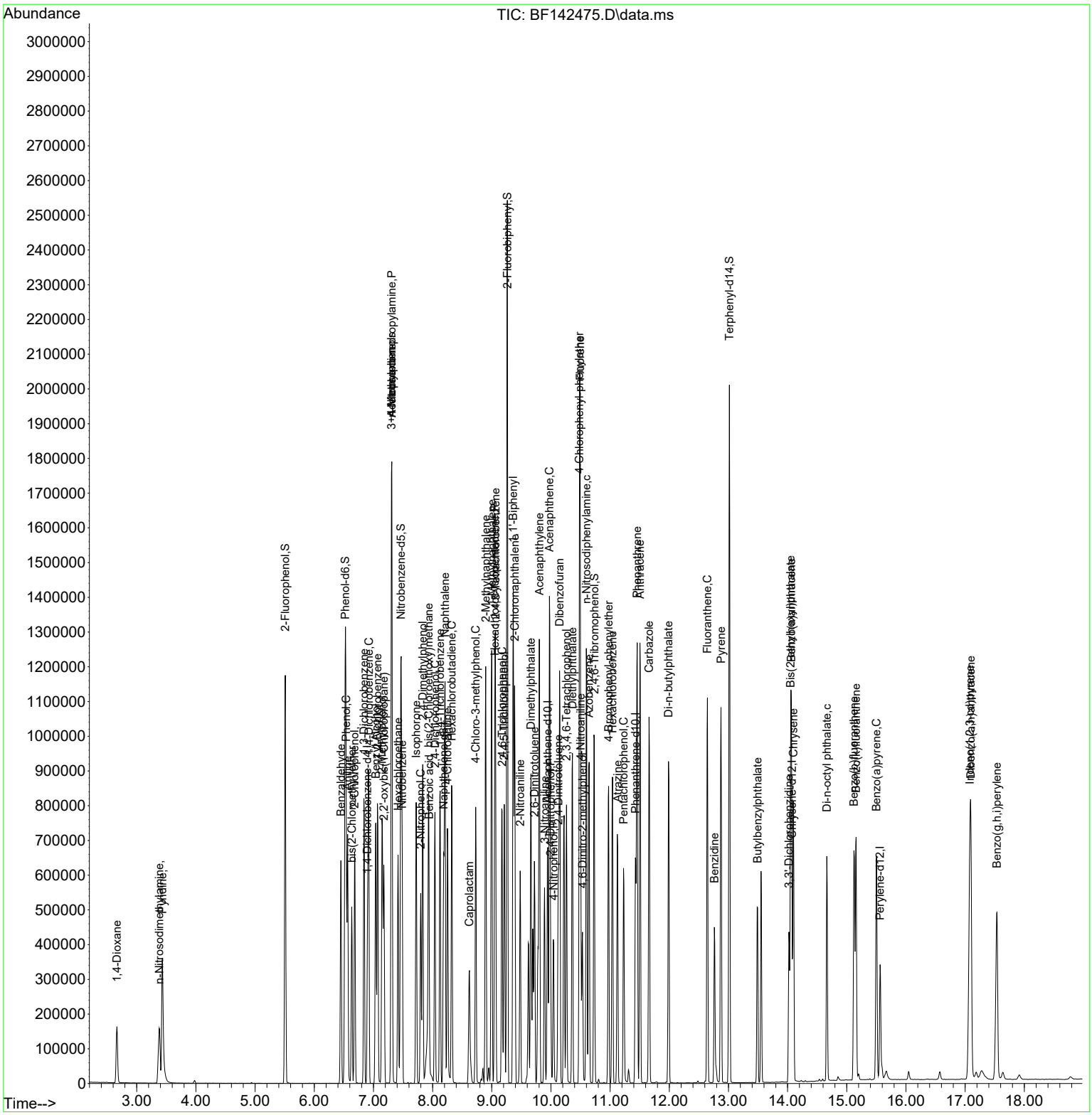
(#) = qualifier out of range (m) = manual integration (+) = signals summed

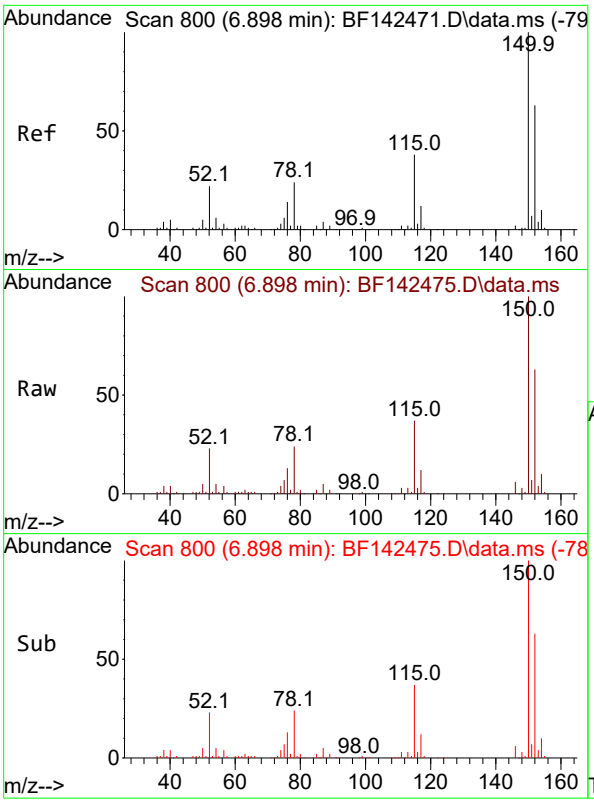
ICAL Form

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



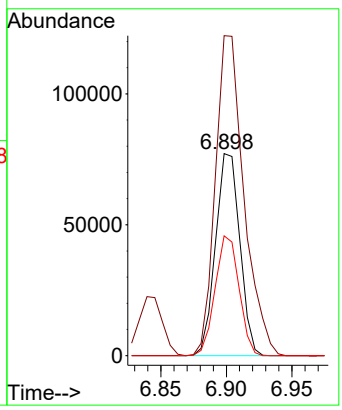


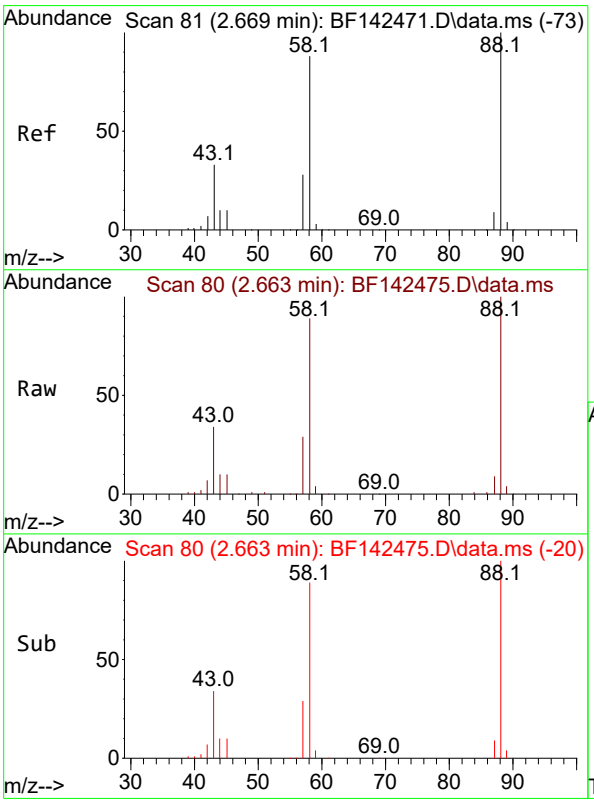
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

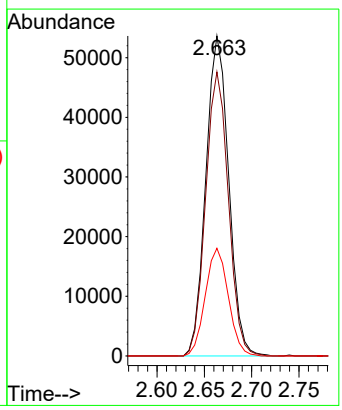


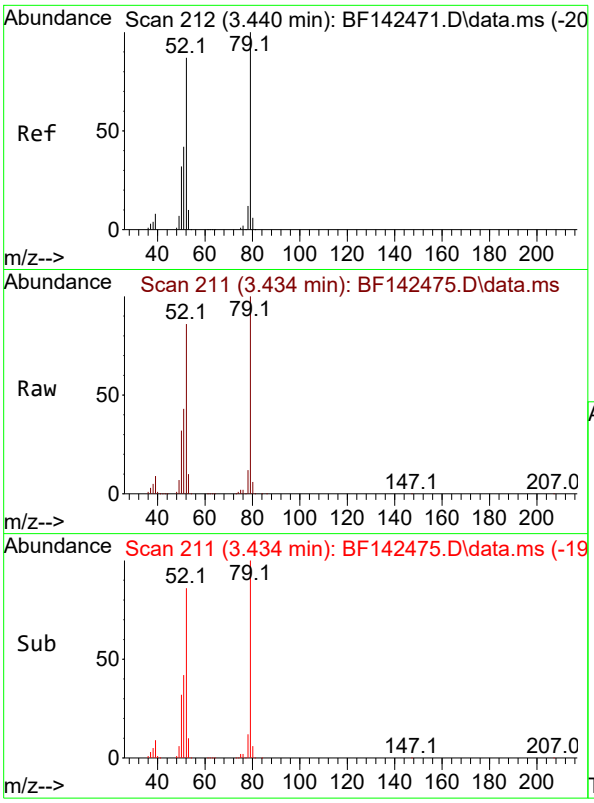


#2
1,4-Dioxane
Concen: 38.184 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



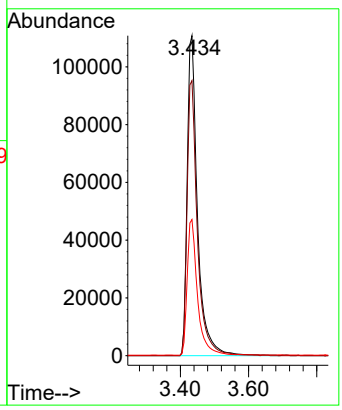


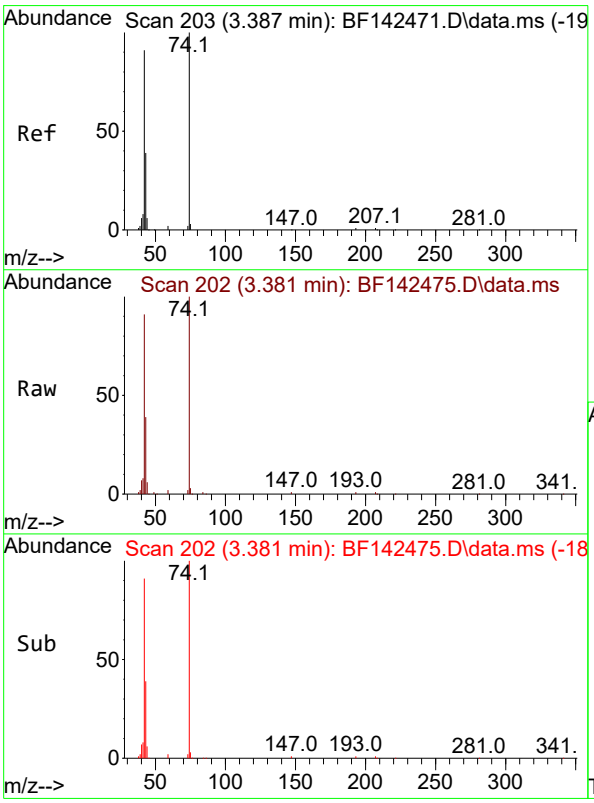
#3
Pyridine
Concen: 38.607 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

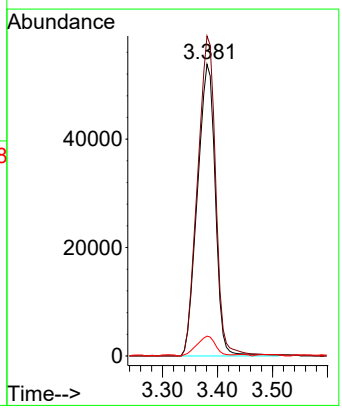


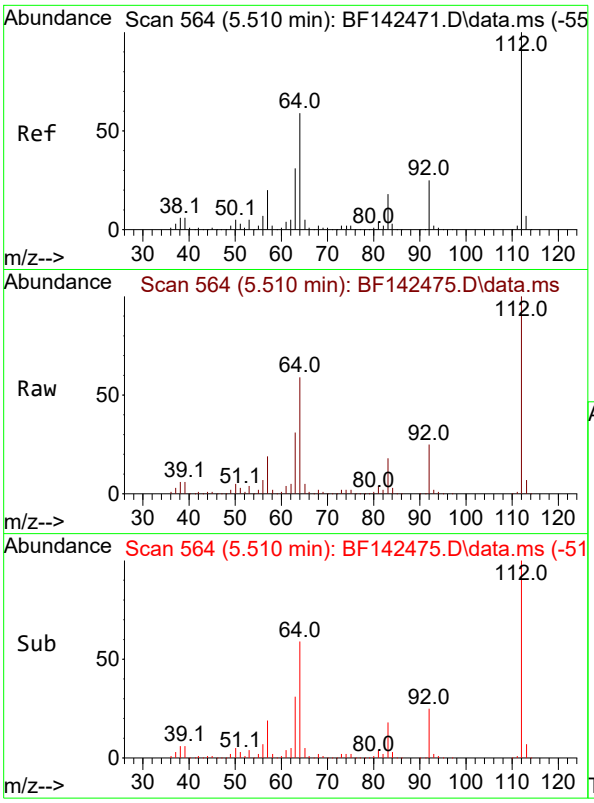


#4
n-Nitrosodimethylamine
Concen: 38.995 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



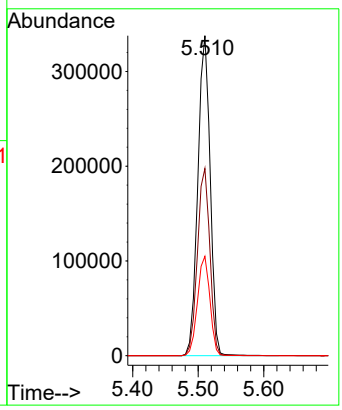


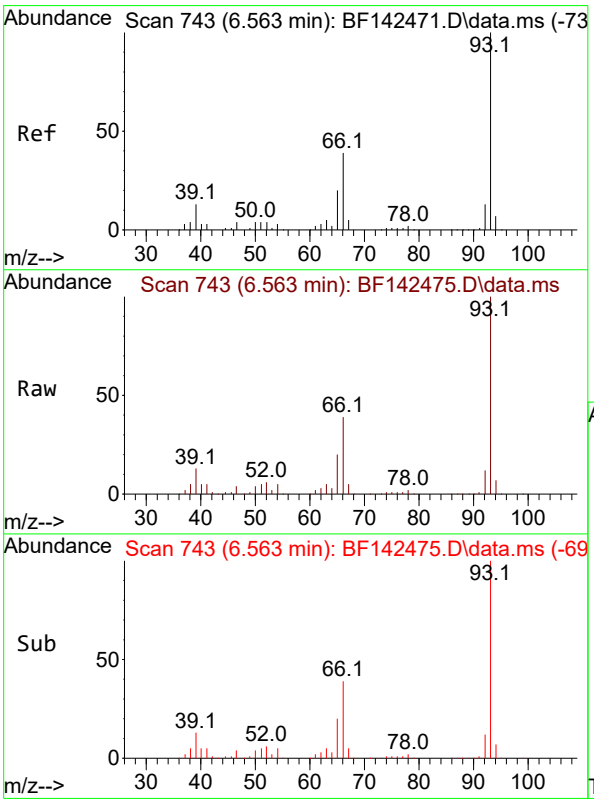
#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

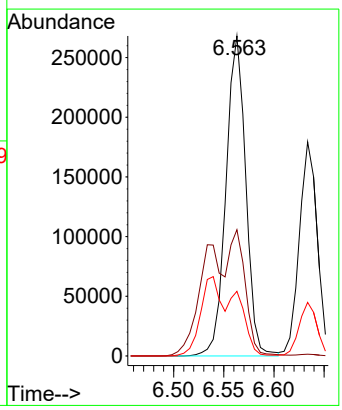


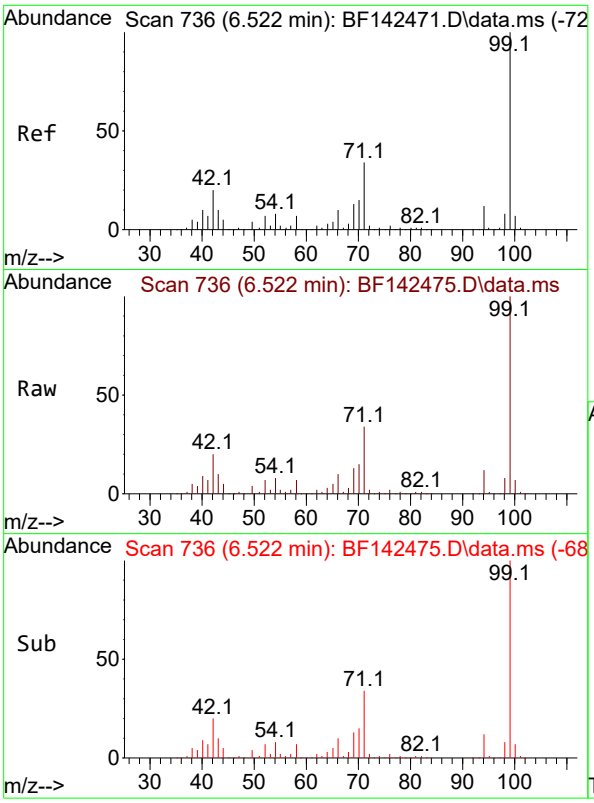


#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



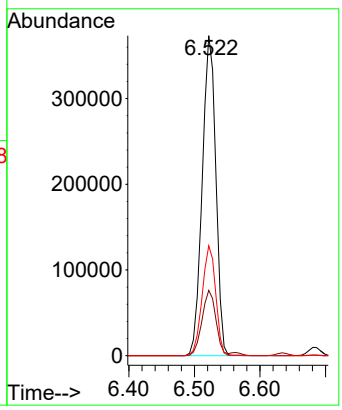


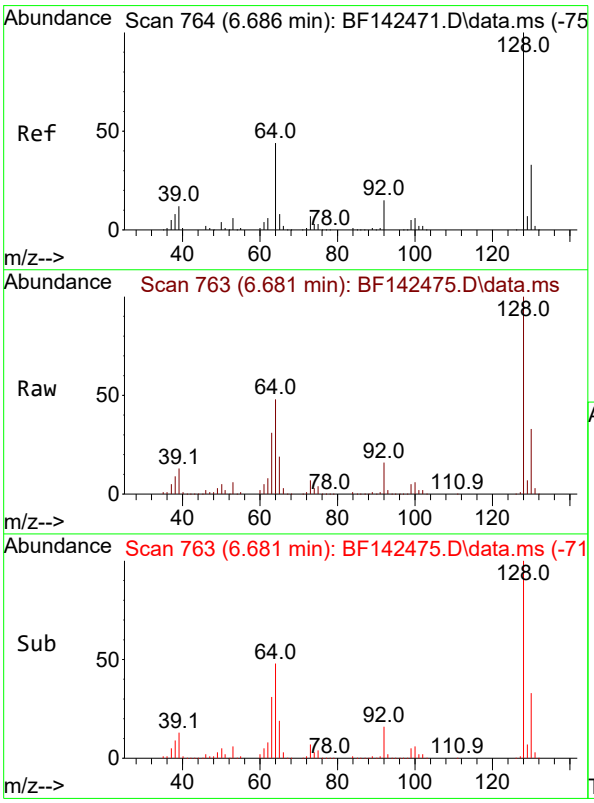
#7
Phenol-d6
Concen: 76.025 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

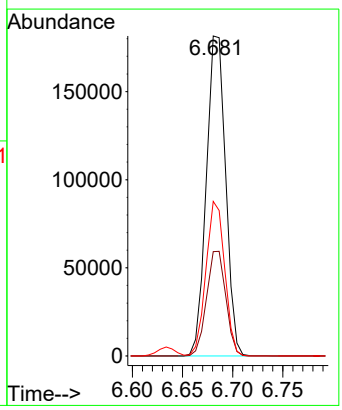


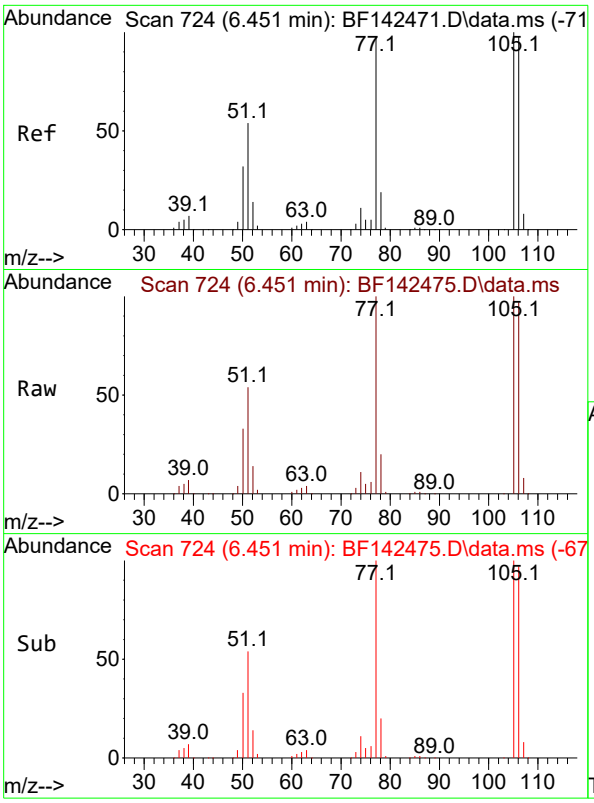


#8
2-Chlorophenol
Concen: 37.902 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



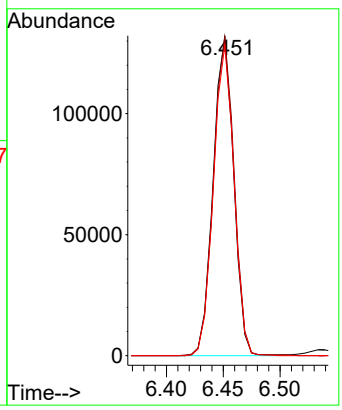


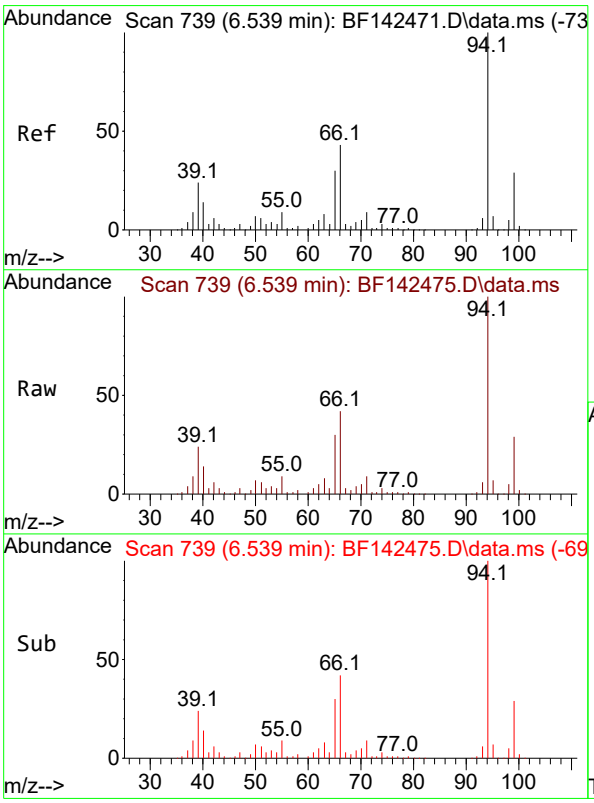
#9
Benzaldehyde
Concen: 38.726 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

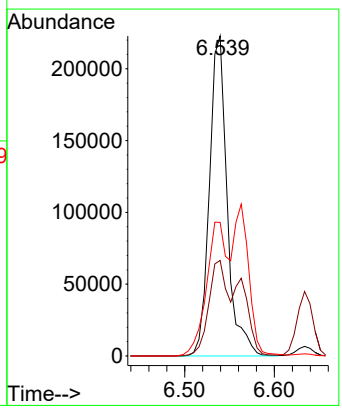


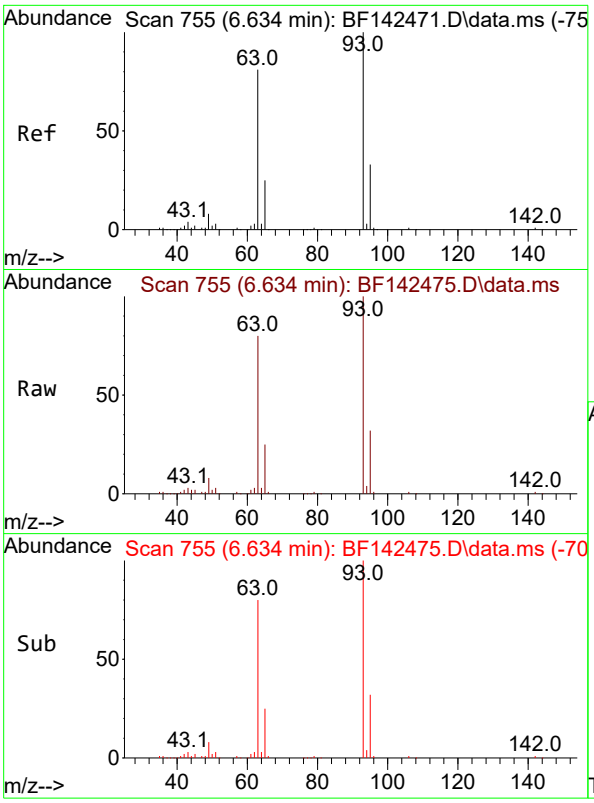


#10
Phenol
Concen: 38.362 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



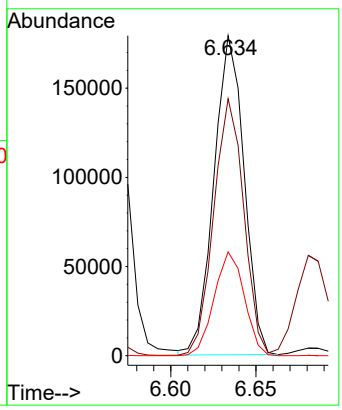


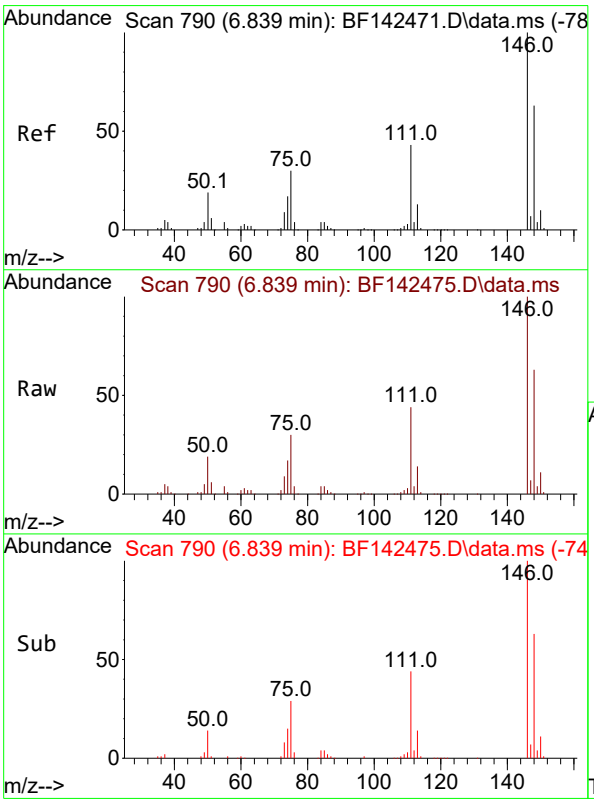
#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

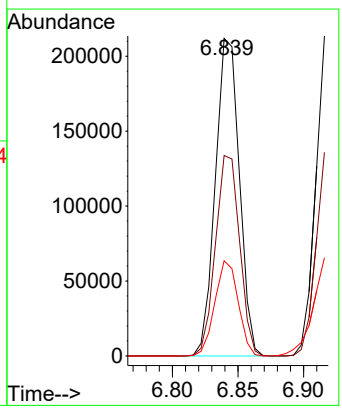


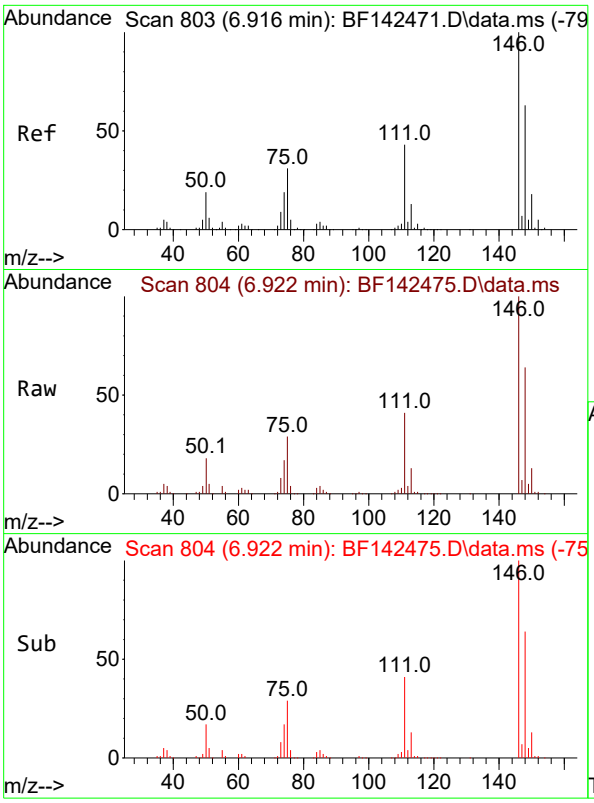


#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



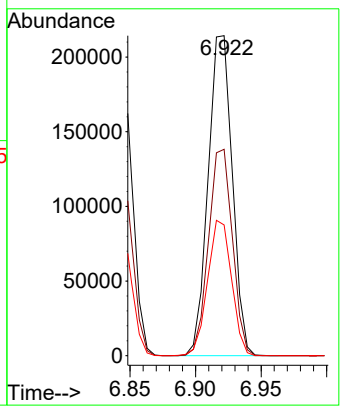


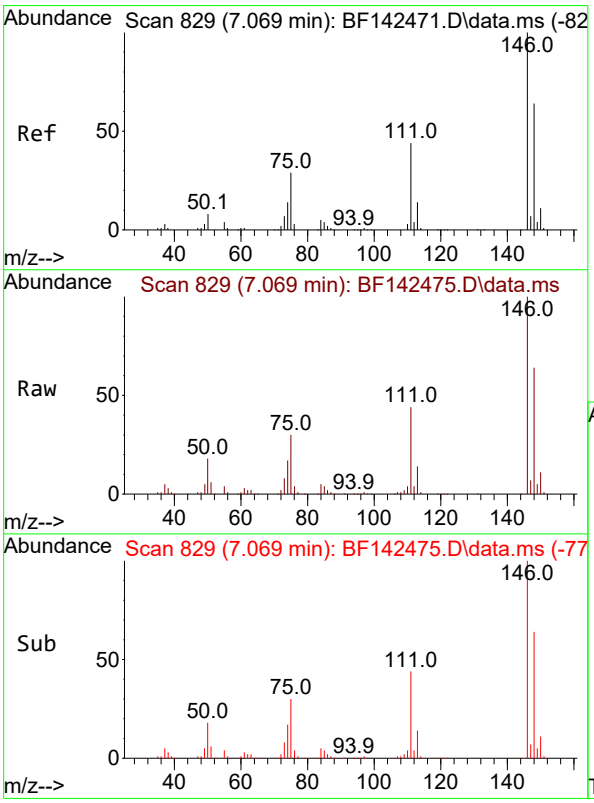
#13
1,4-Dichlorobenzene
Concen: 38.078 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

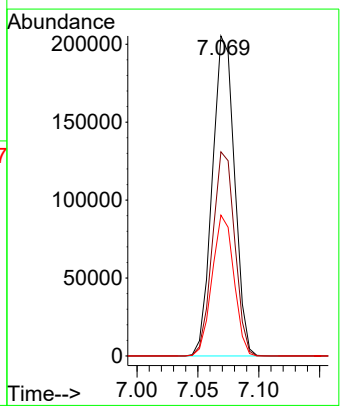


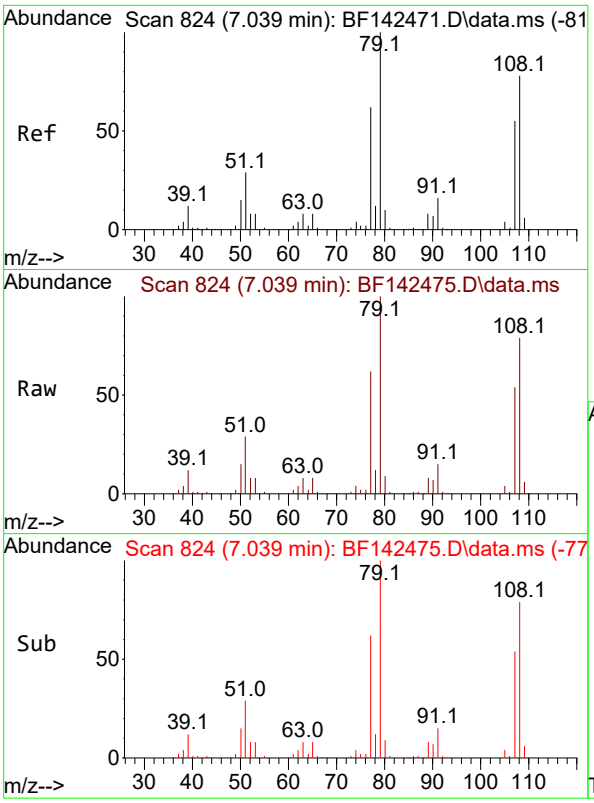


#14
1,2-Dichlorobenzene
Concen: 37.716 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



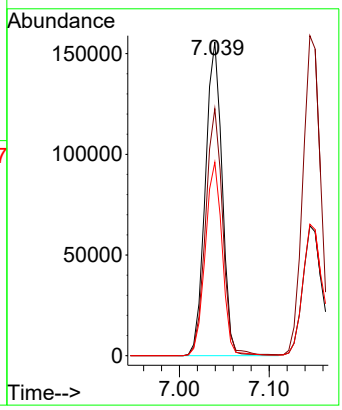


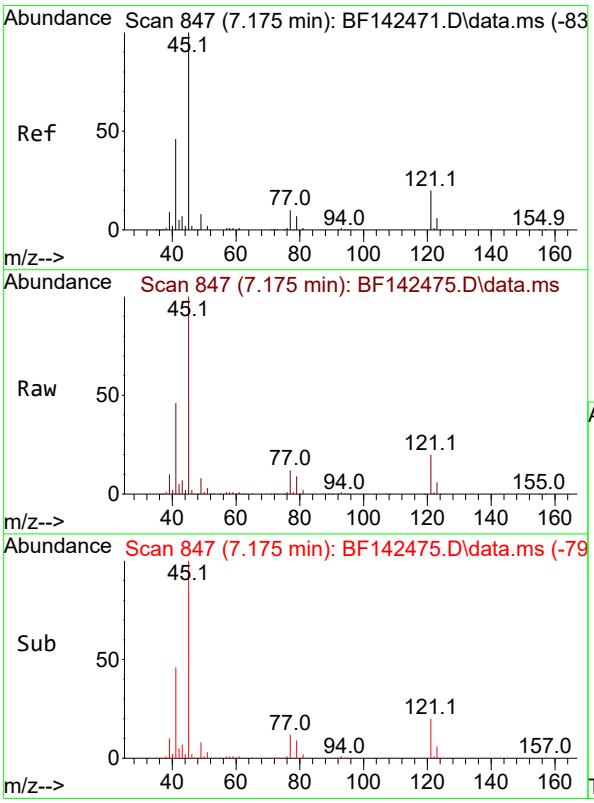
#15
Benzyl Alcohol
Concen: 38.663 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

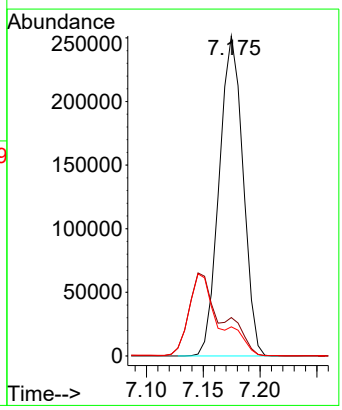


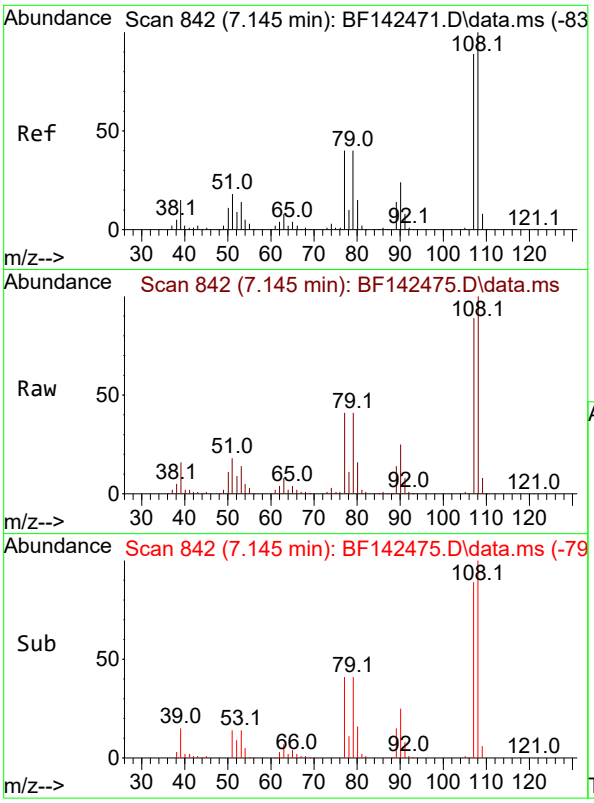


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.927 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



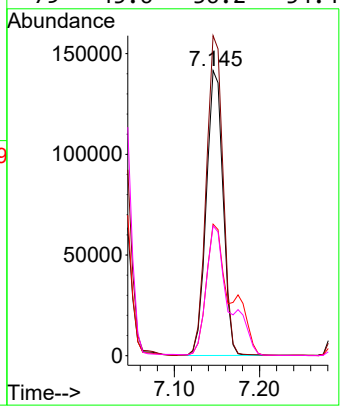


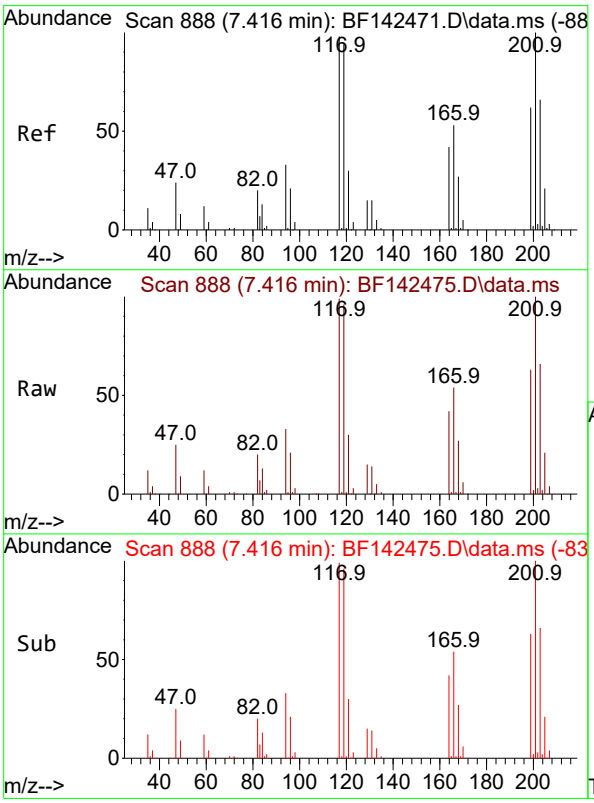
#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

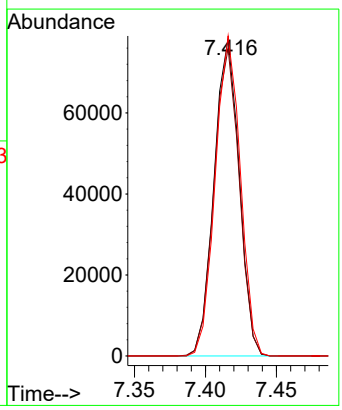


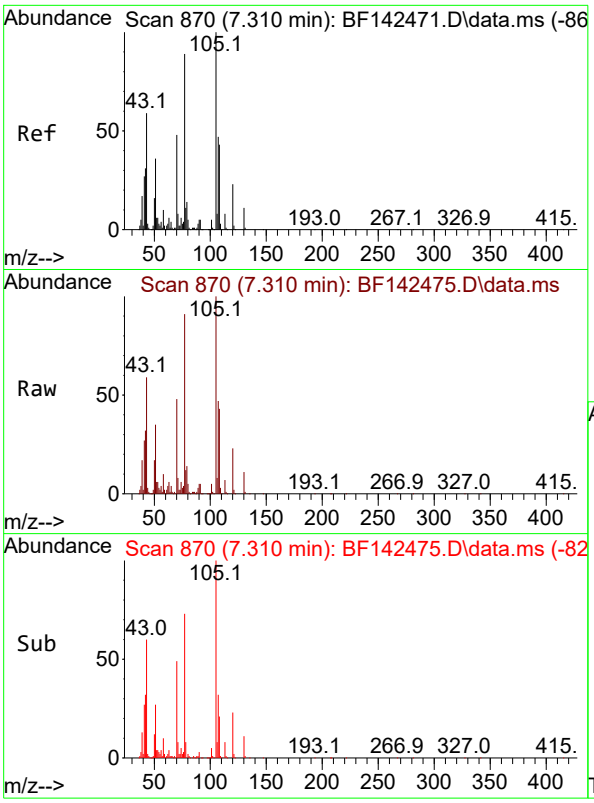


#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



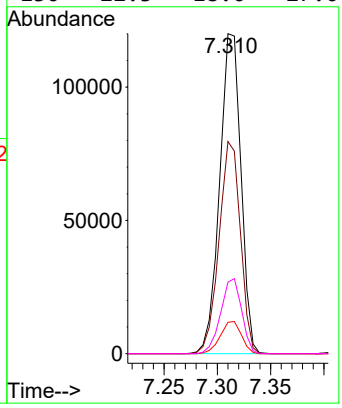


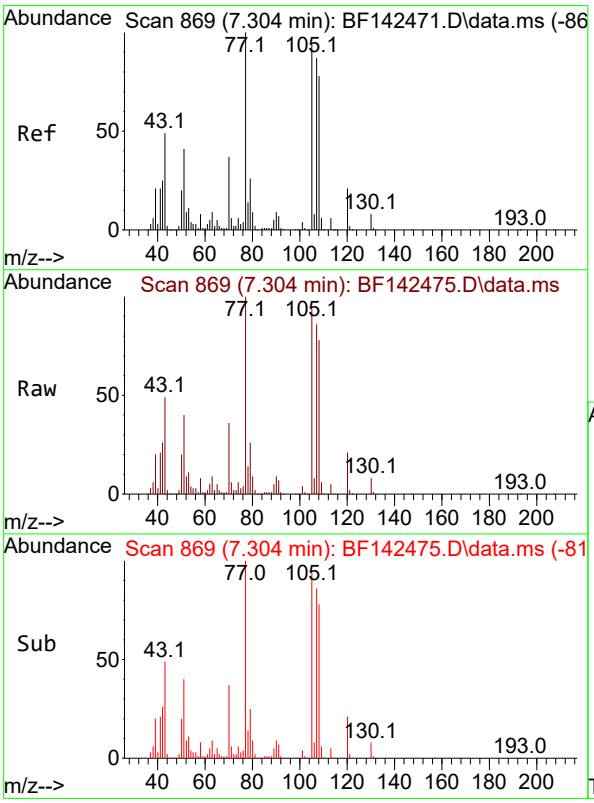
#19
n-Nitroso-di-n-propylamine
Concen: 37.833 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

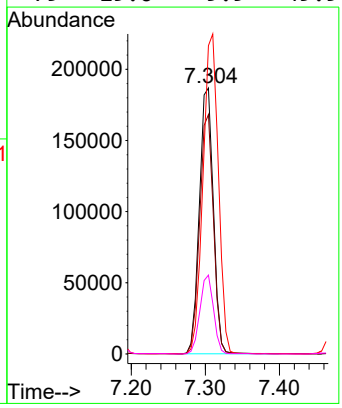


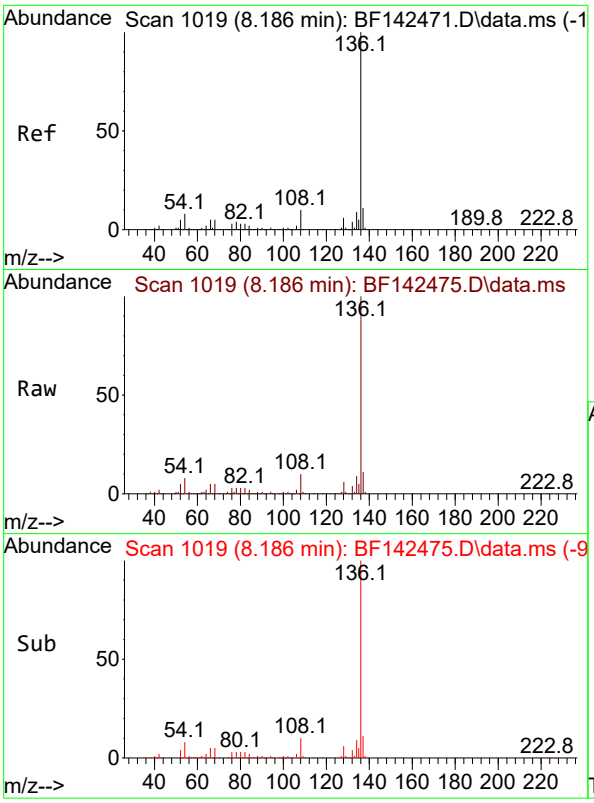


#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



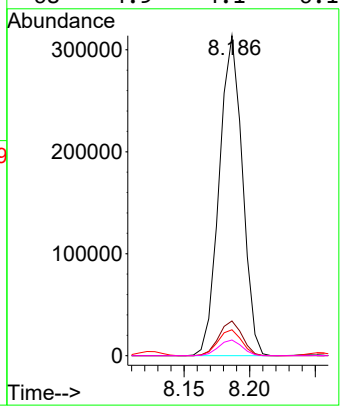


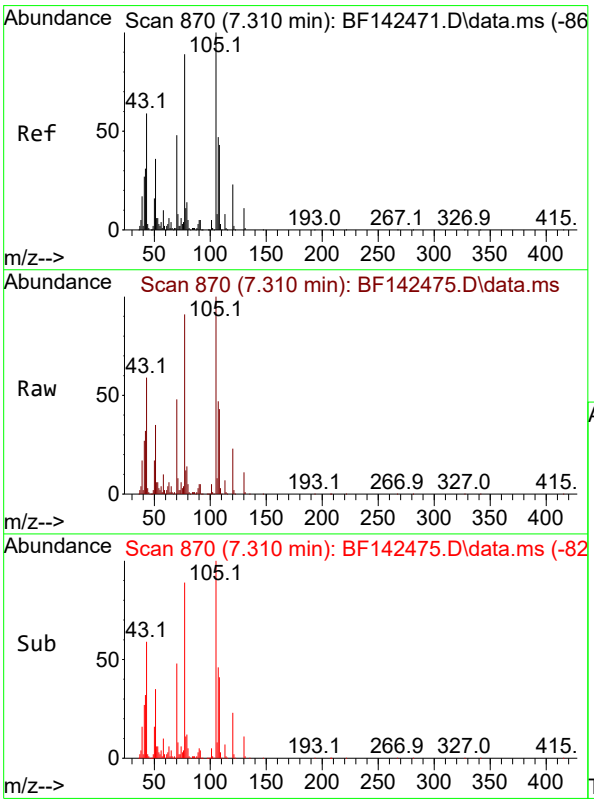
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

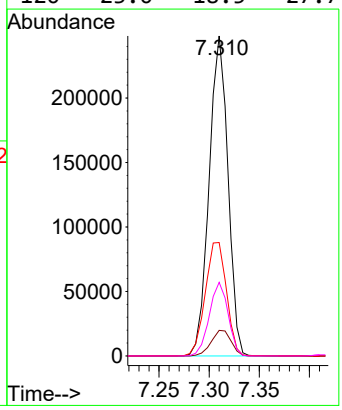


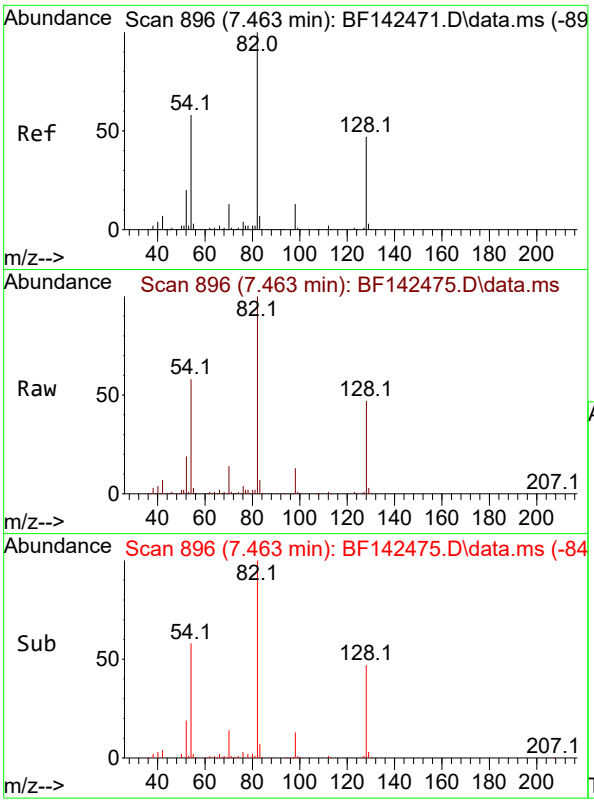


#22
Acetophenone
Concen: 38.118 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



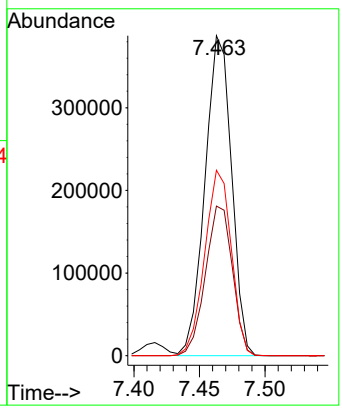


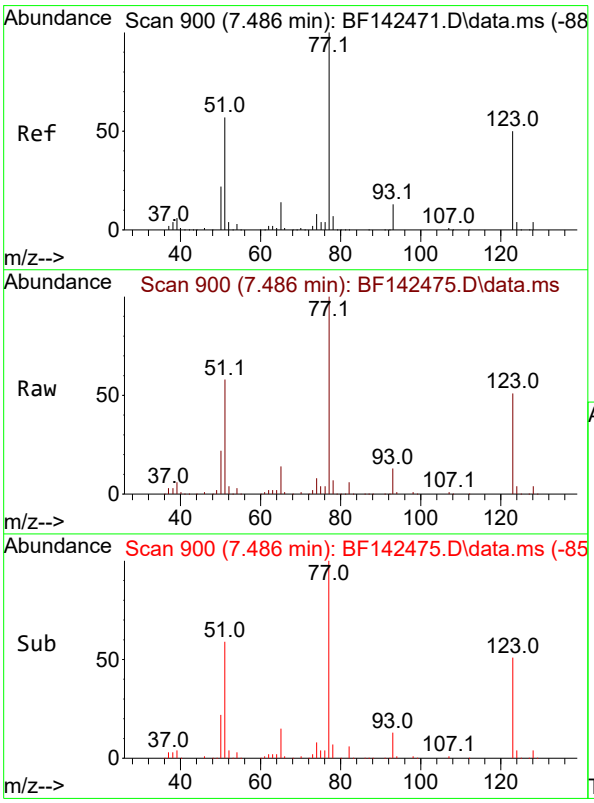
#23
Nitrobenzene-d5
Concen: 77.283 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

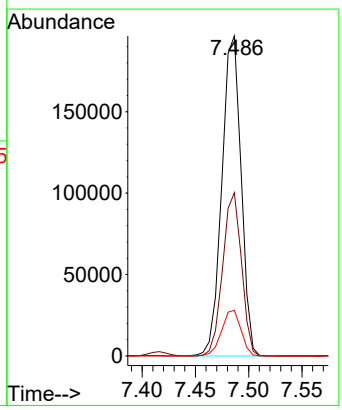


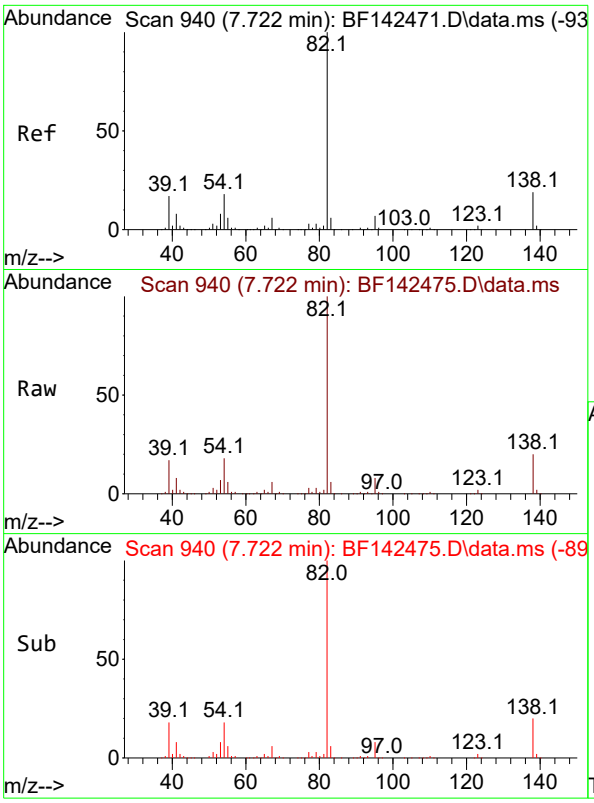


#24
Nitrobenzene
Concen: 38.737 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



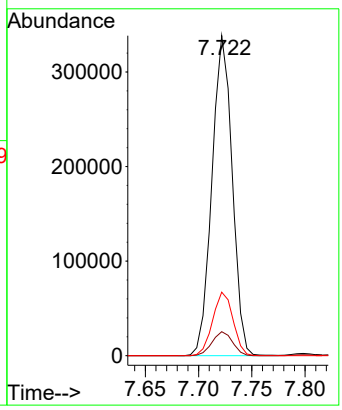


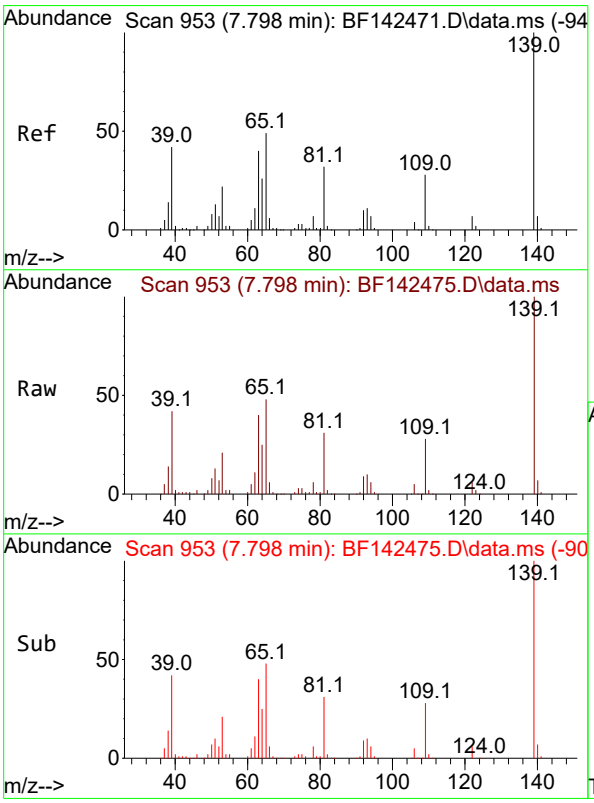
#25
Isophorone
Concen: 37.906 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

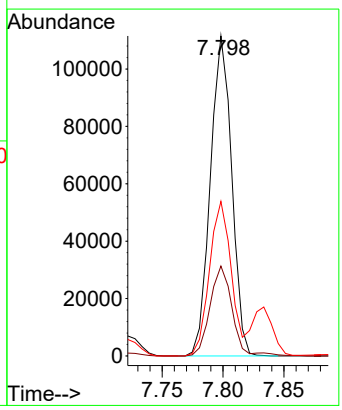


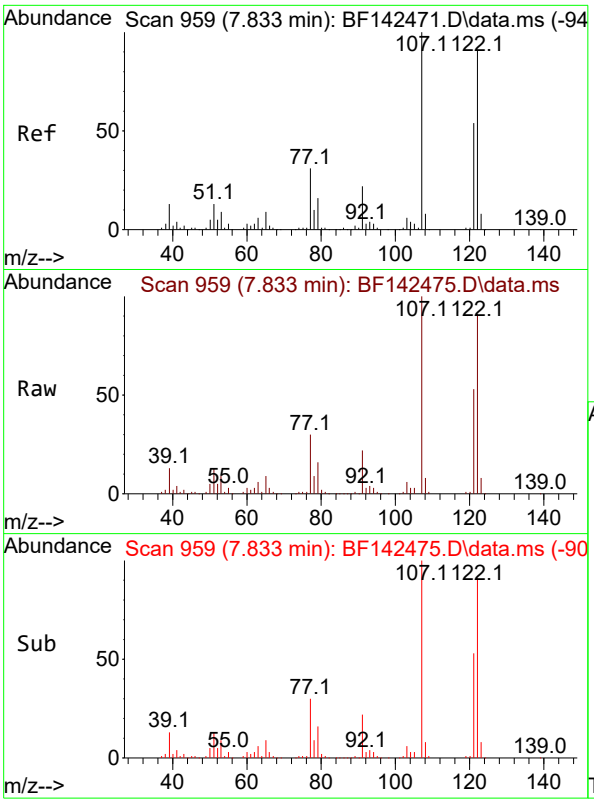


#26
2-Nitrophenol
Concen: 39.958 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



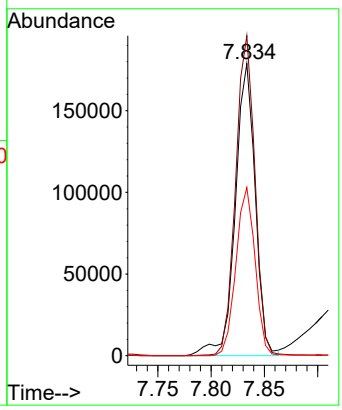


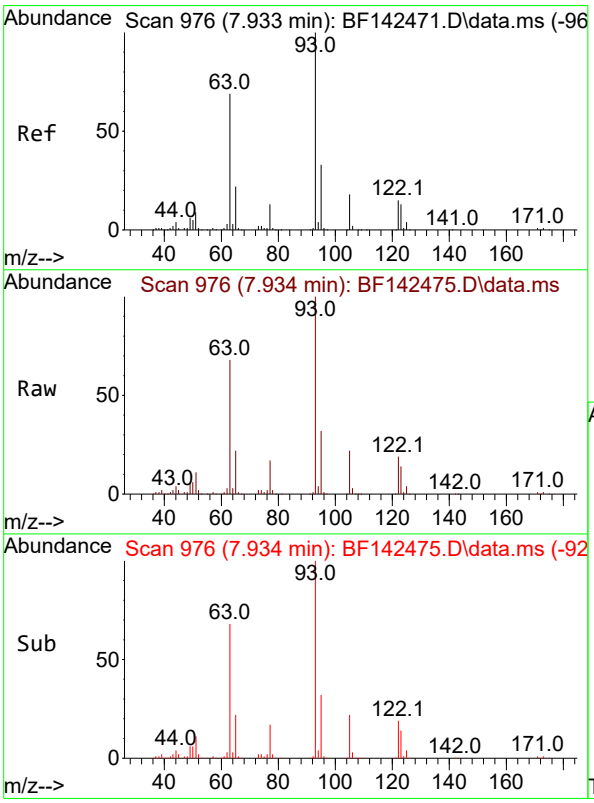
#27
2,4-Dimethylphenol
Concen: 38.953 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

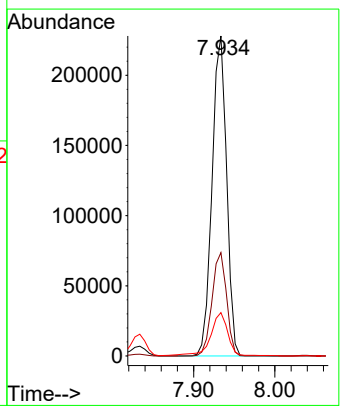


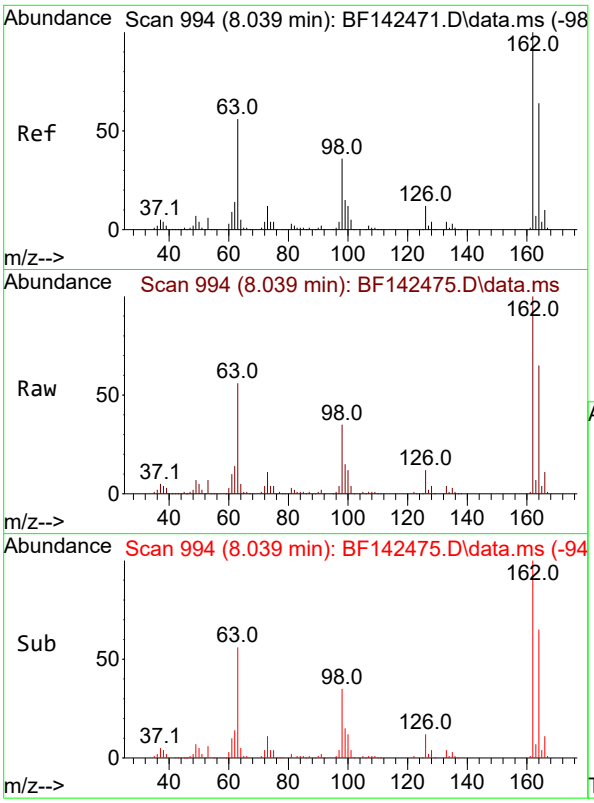


#28
bis(2-Chloroethoxy)methane
Concen: 38.407 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



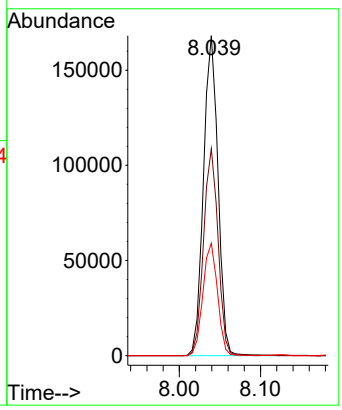


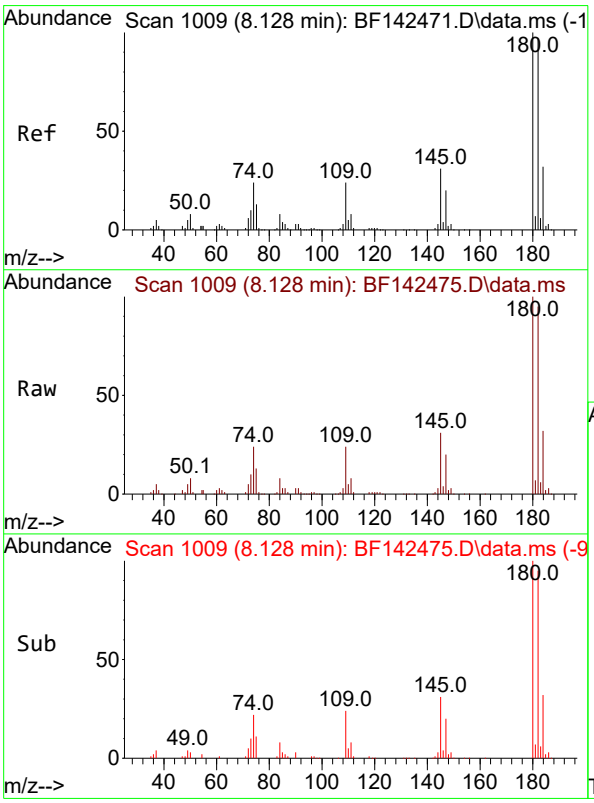
#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

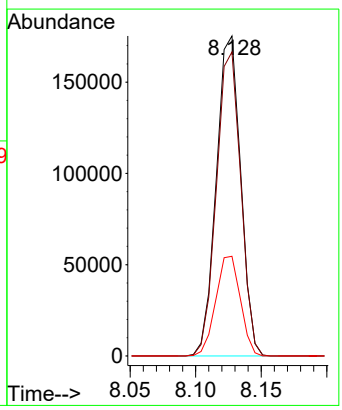


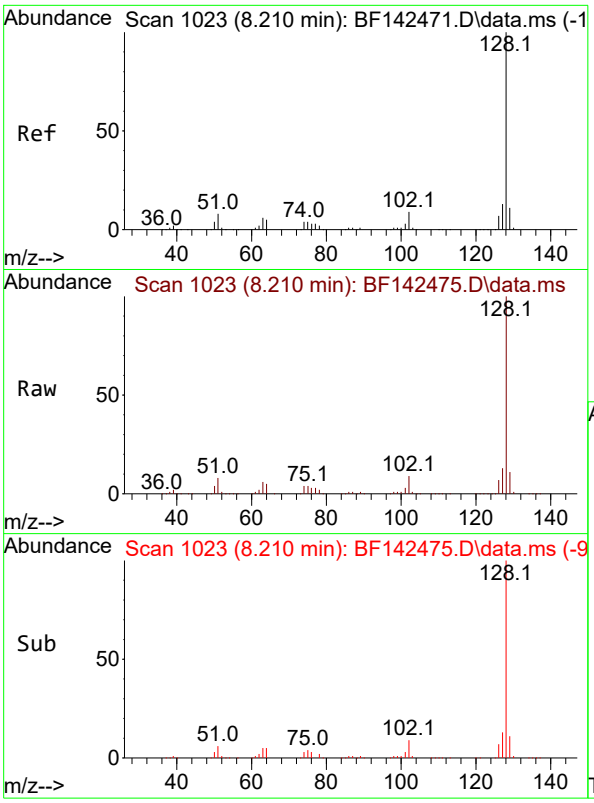


#30
1,2,4-Trichlorobenzene
Concen: 38.187 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



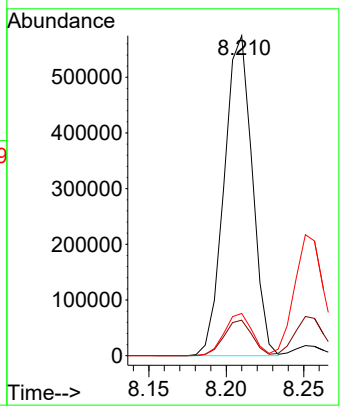


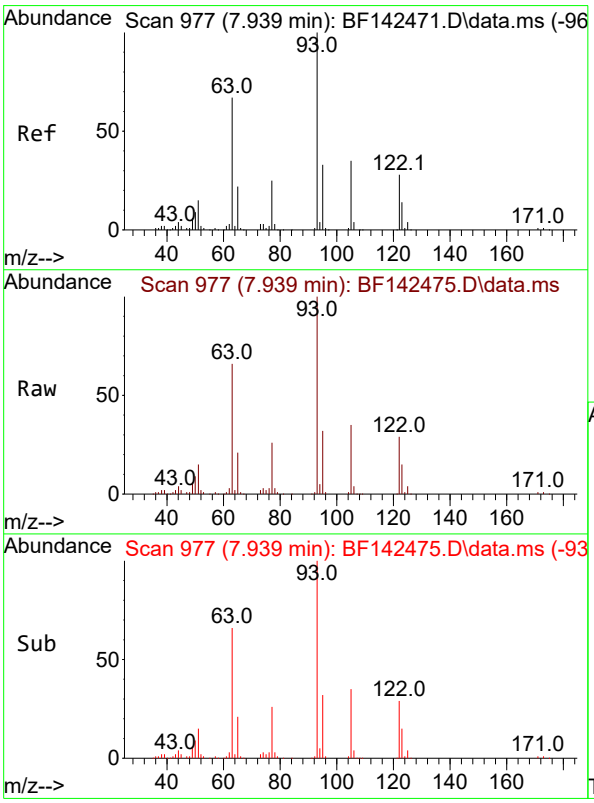
#31
Naphthalene
Concen: 38.112 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

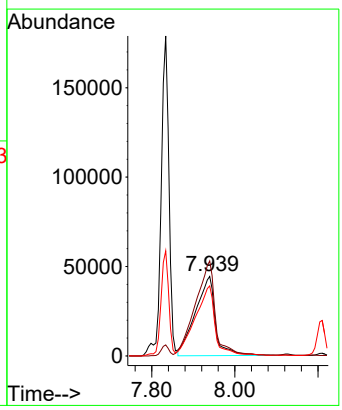


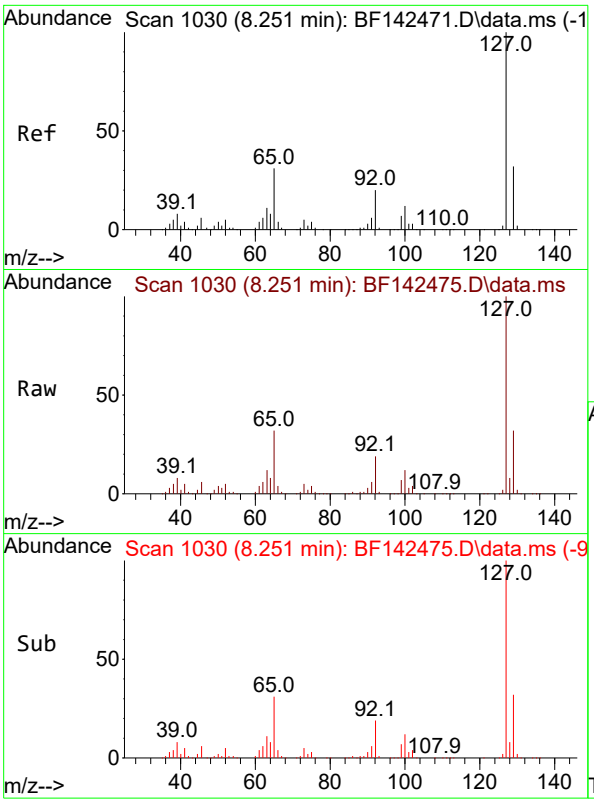


#32
Benzoic acid
Concen: 40.490 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



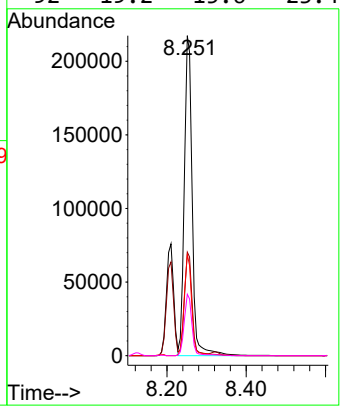


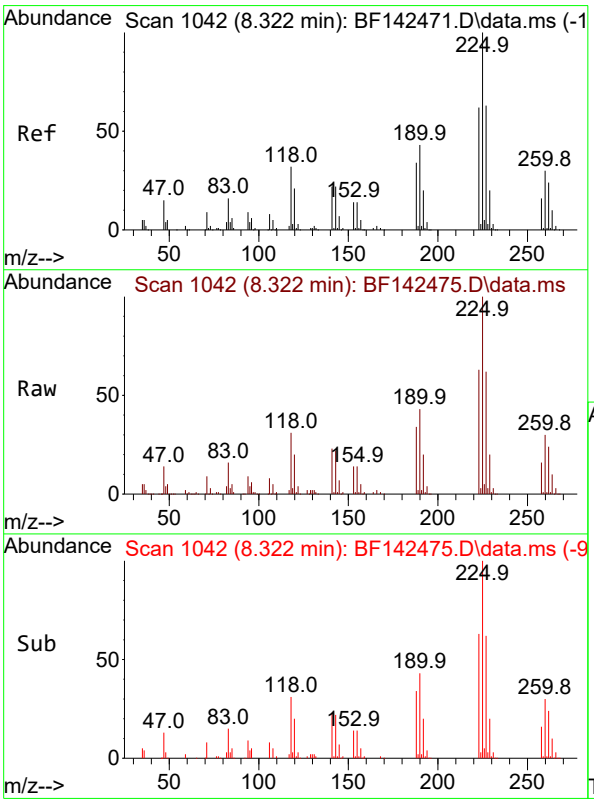
#33
4-Chloroaniline
Concen: 38.962 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

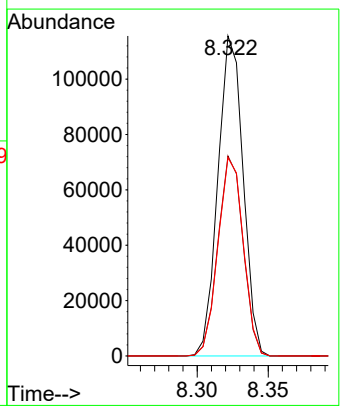


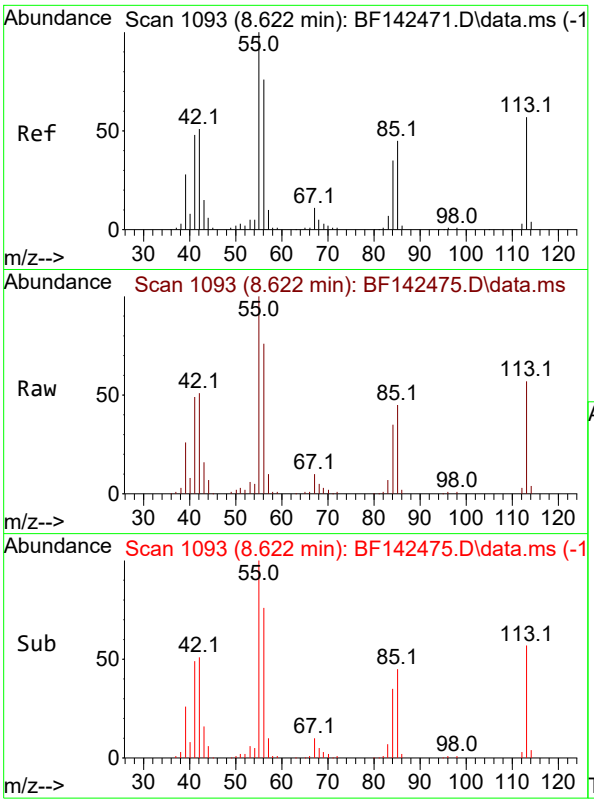


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



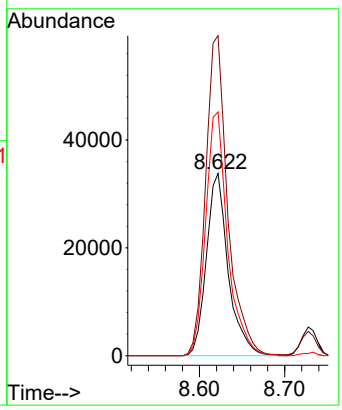


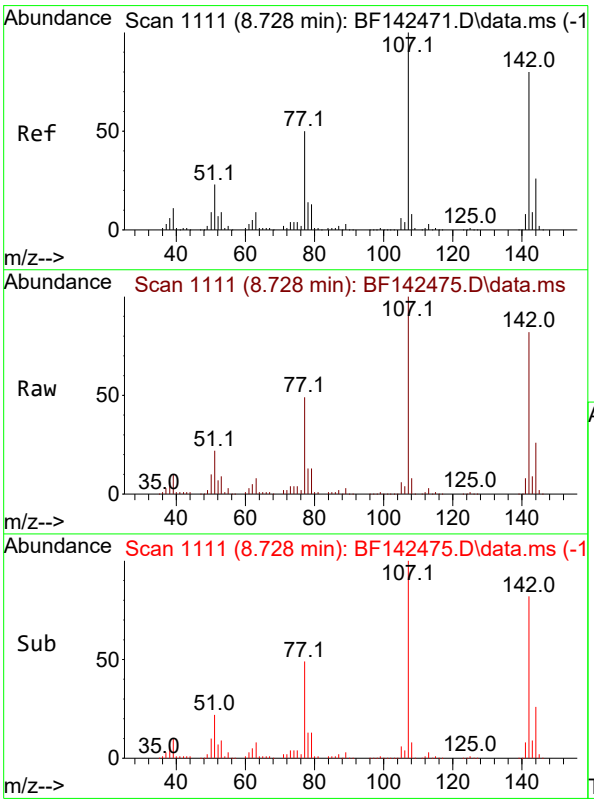
#35
Caprolactam
Concen: 39.162 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

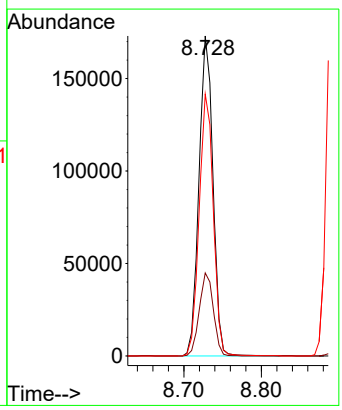


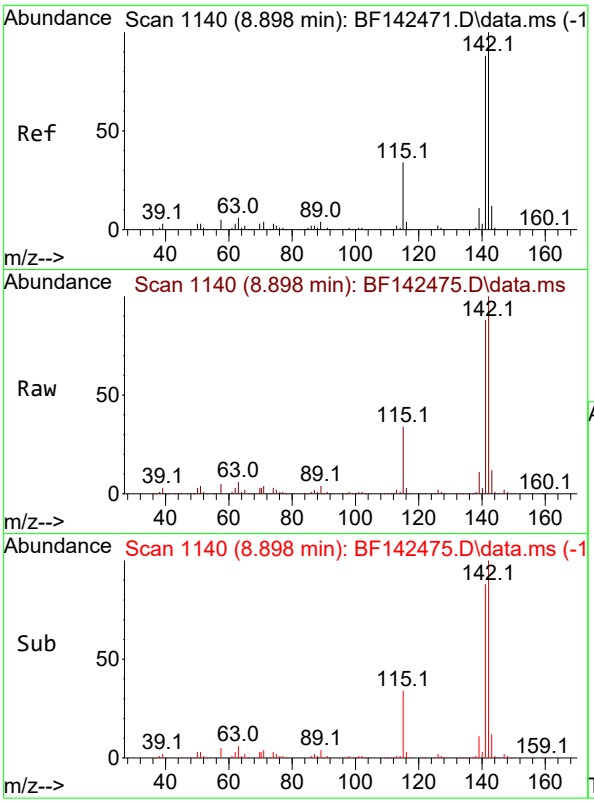


#36
4-Chloro-3-methylphenol
Concen: 38.654 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



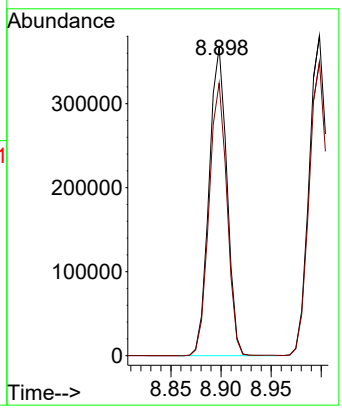


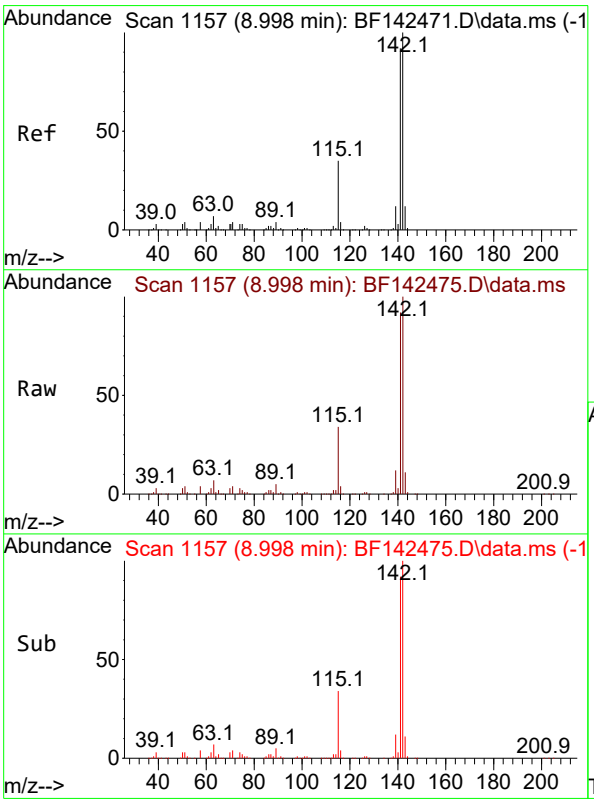
#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:142 Resp: 454200

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

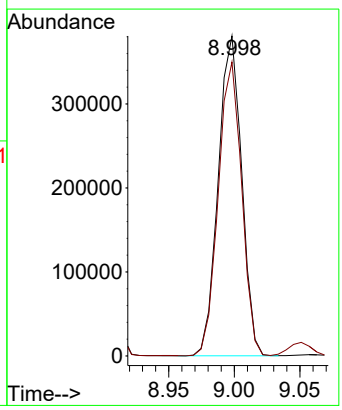


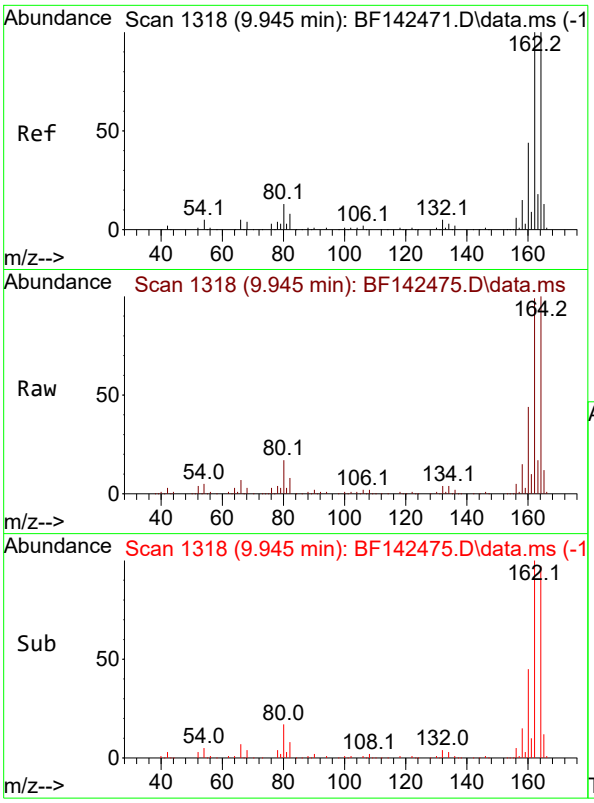


#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2



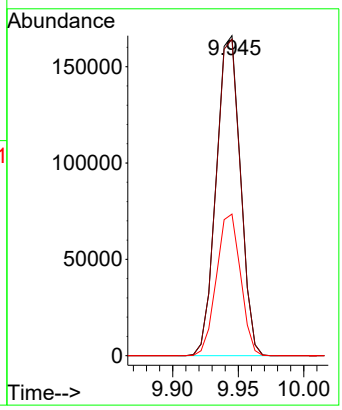


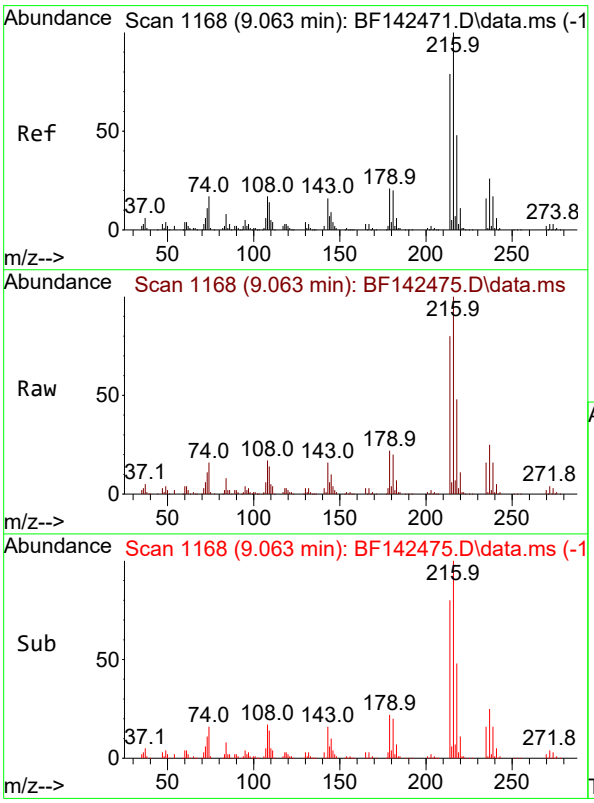
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

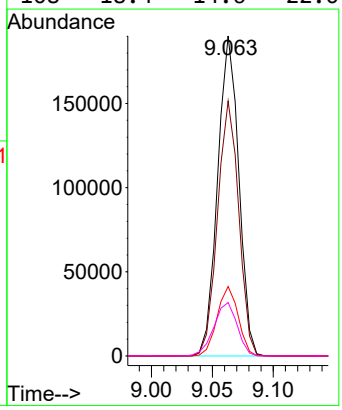


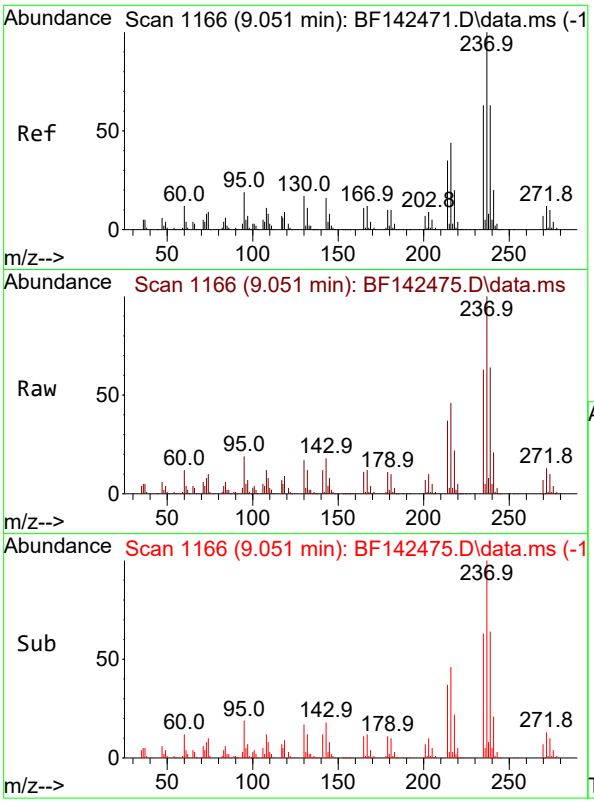


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.508 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



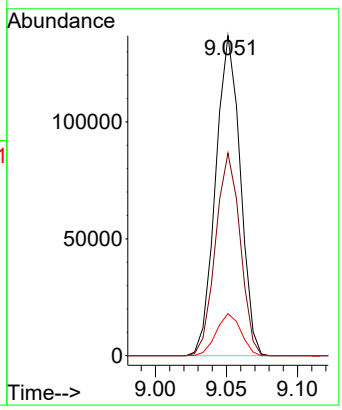


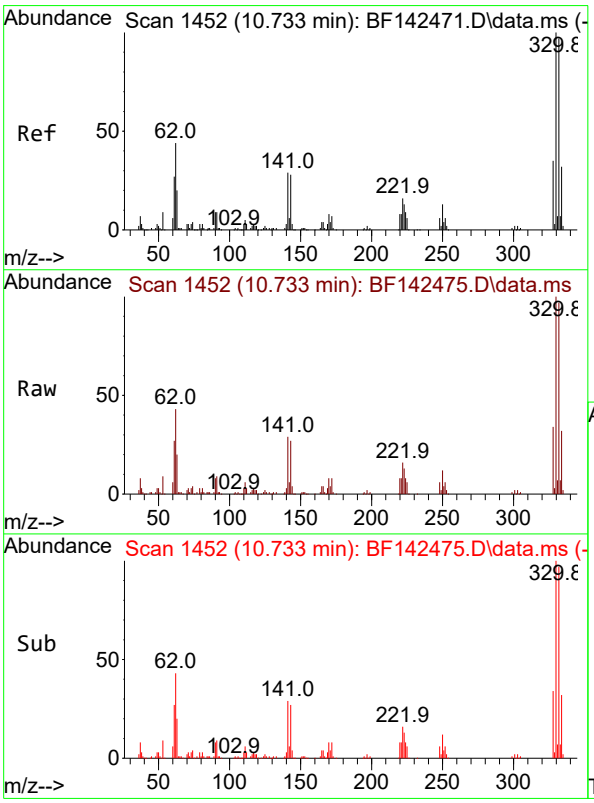
#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

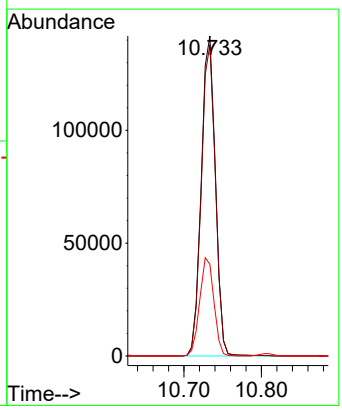


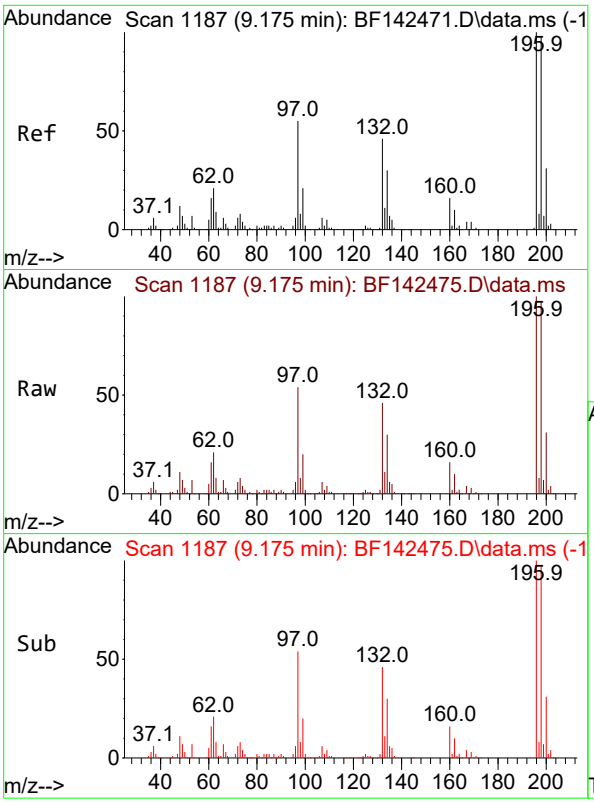


#42
2,4,6-Tribromophenol
Concen: 75.790 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



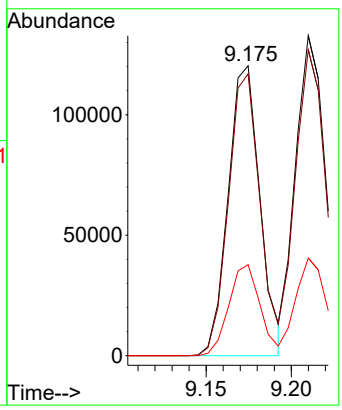


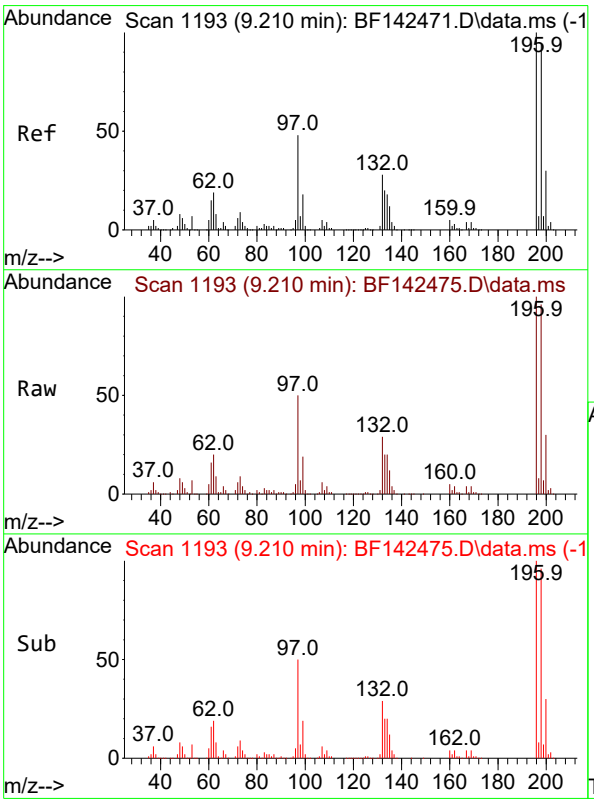
#43
2,4,6-Trichlorophenol
Concen: 37.954 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

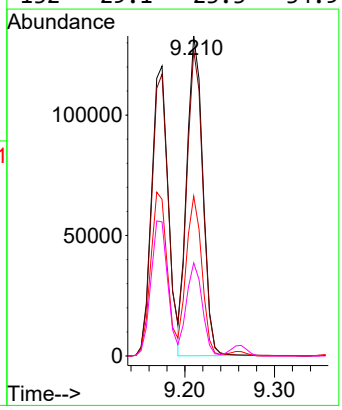


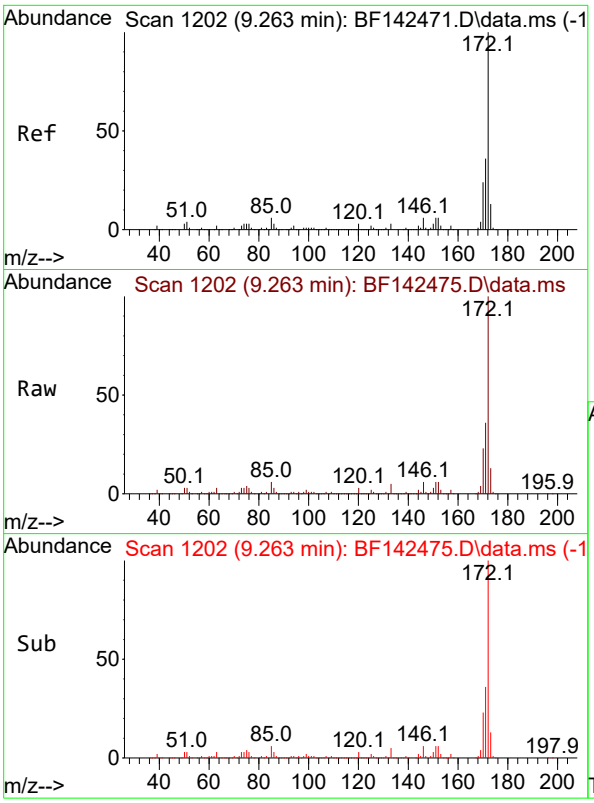


#44
2,4,5-Trichlorophenol
Concen: 37.766 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



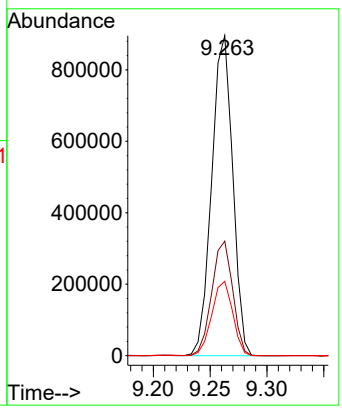


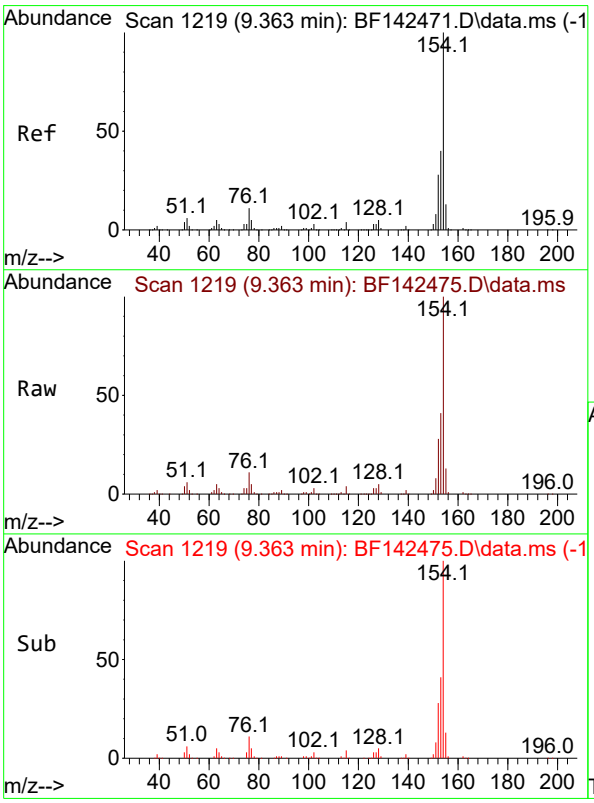
#45
2-Fluorobiphenyl
Concen: 72.557 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

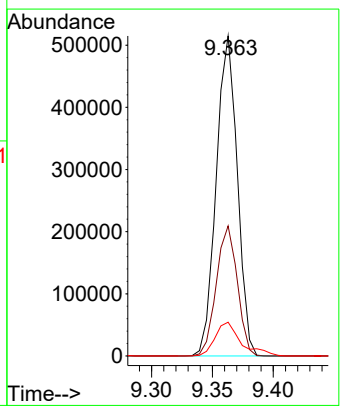


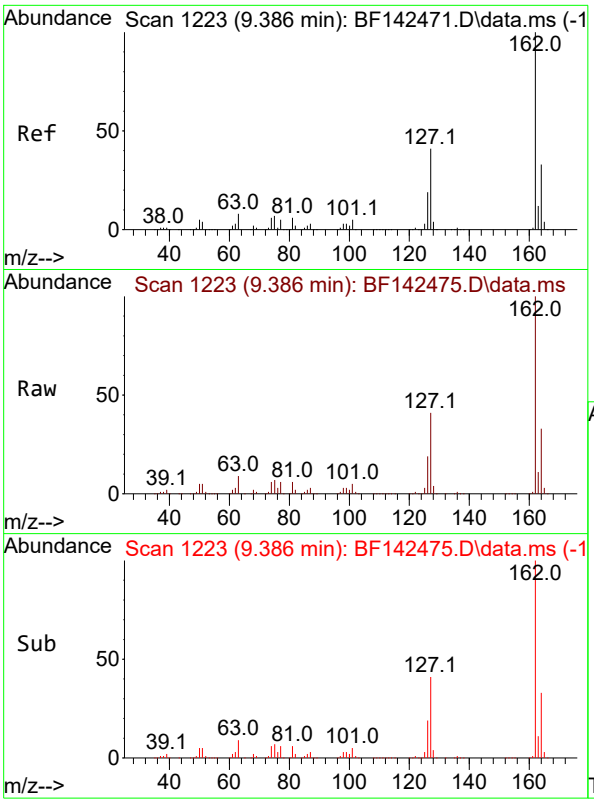


#46
1,1'-Biphenyl
Concen: 37.487 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



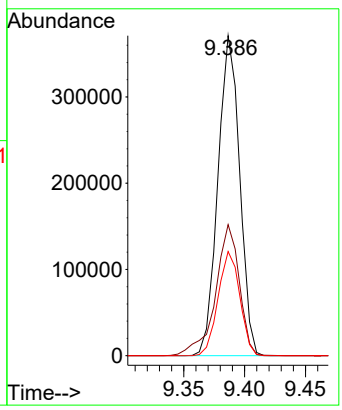


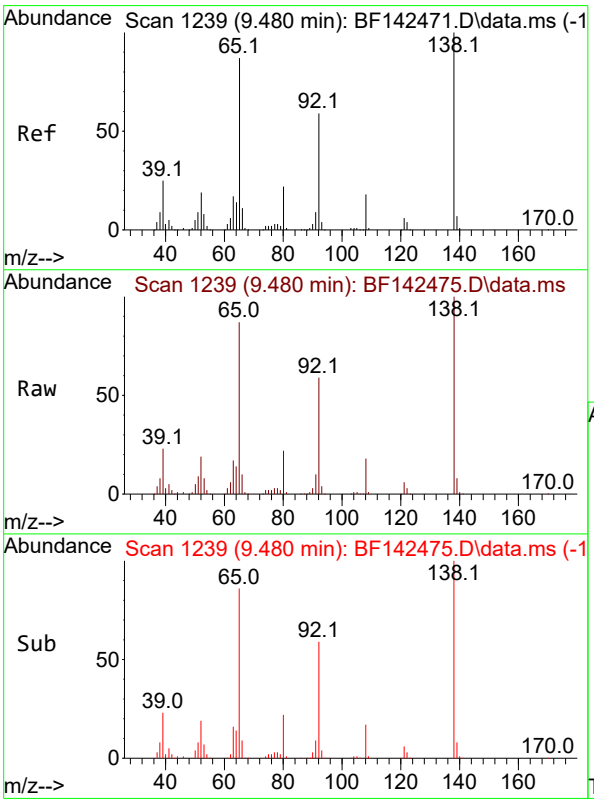
#47
2-Chloronaphthalene
Concen: 37.763 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

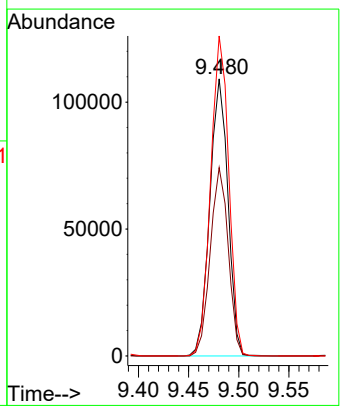


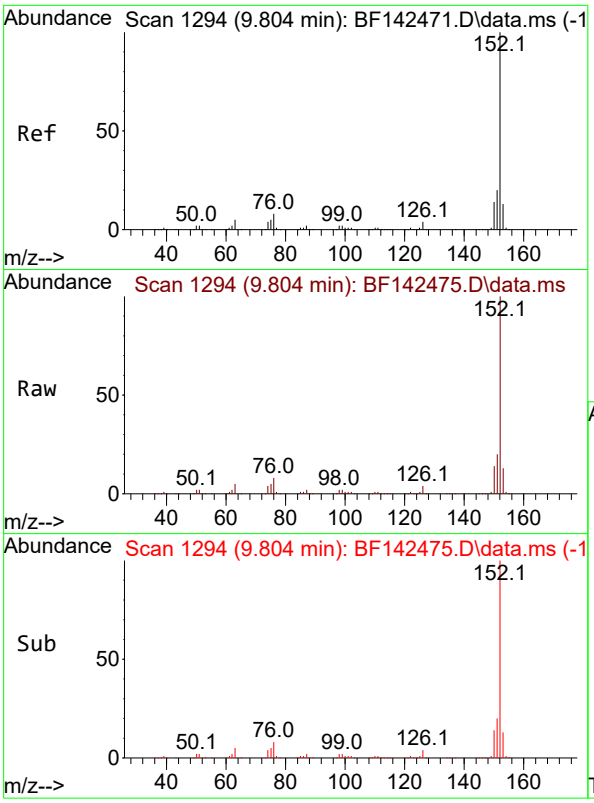


#48
2-Nitroaniline
Concen: 38.867 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



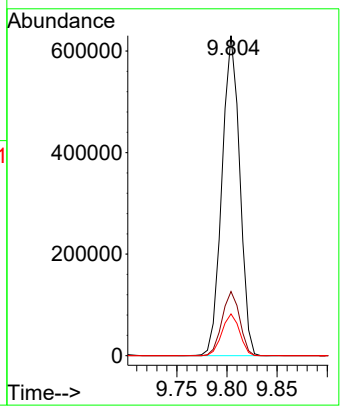


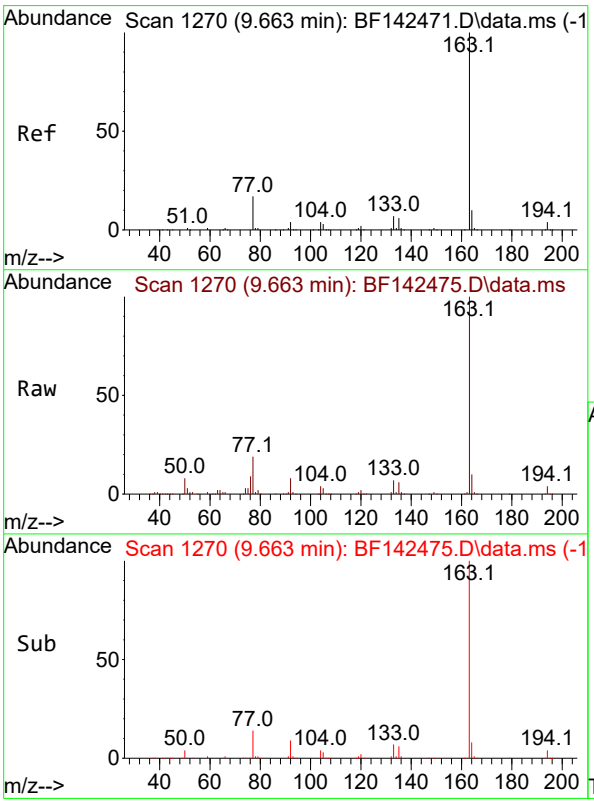
#49
Acenaphthylene
Concen: 37.630 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

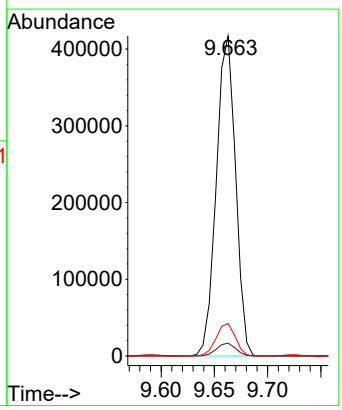


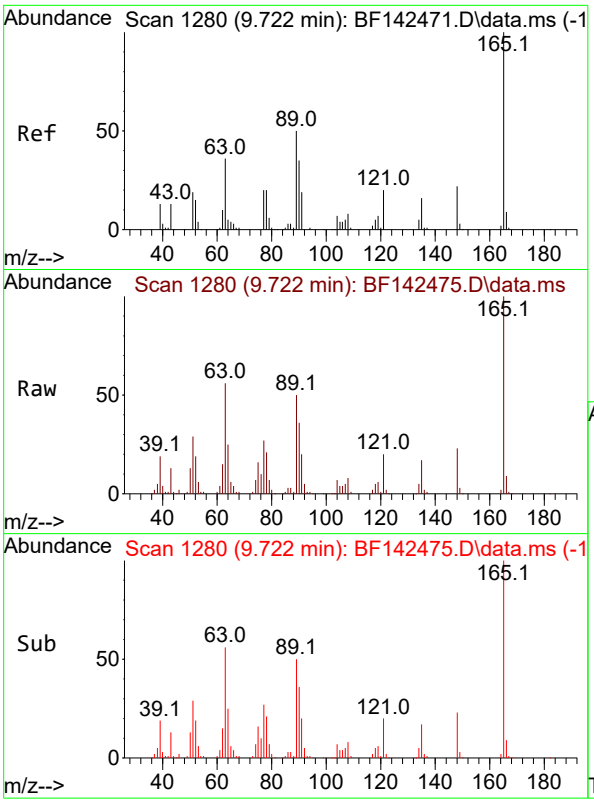


#50
Dimethylphthalate
Concen: 37.184 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



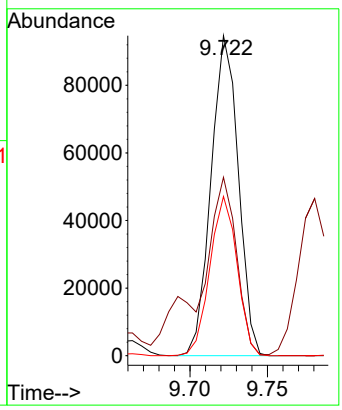


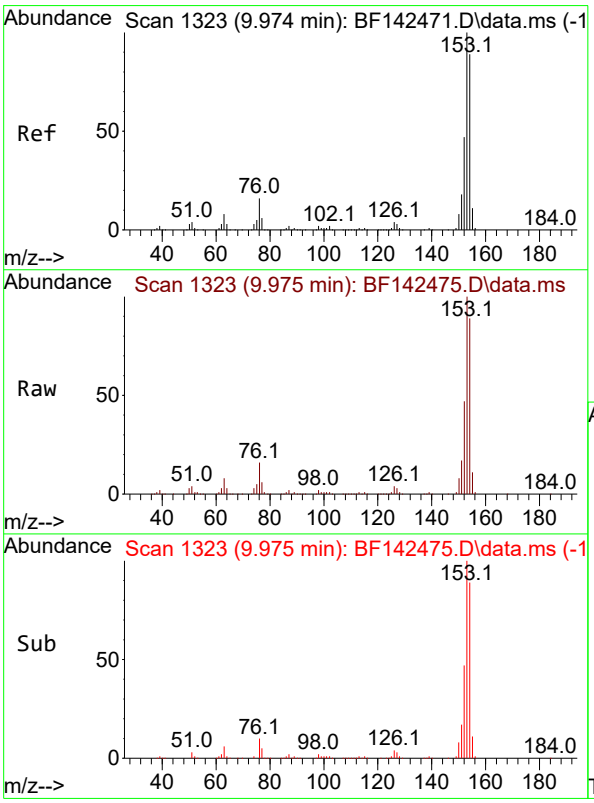
#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

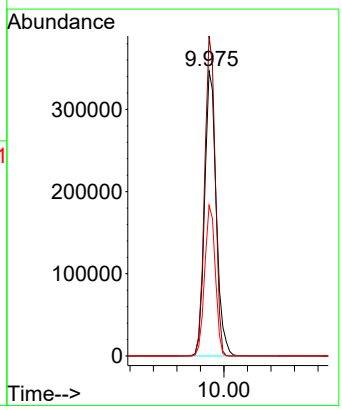


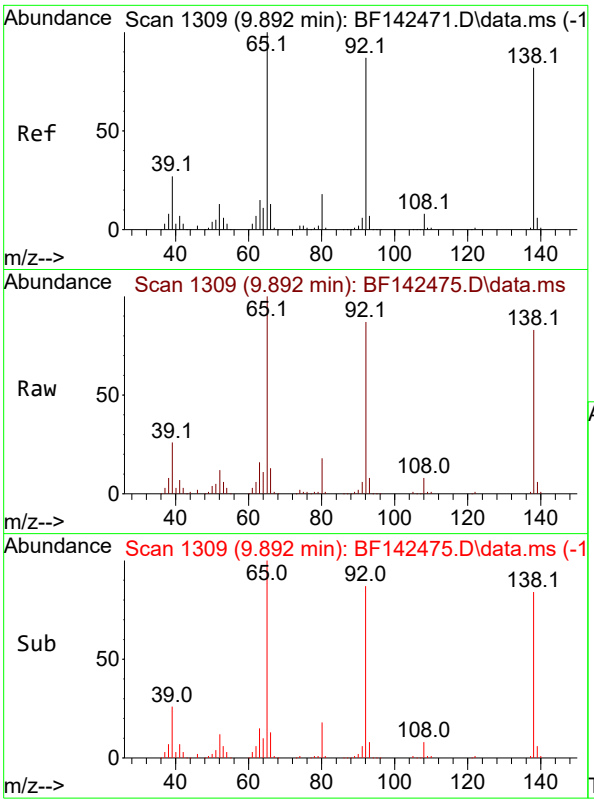


#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



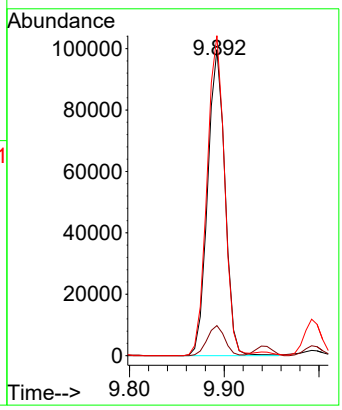


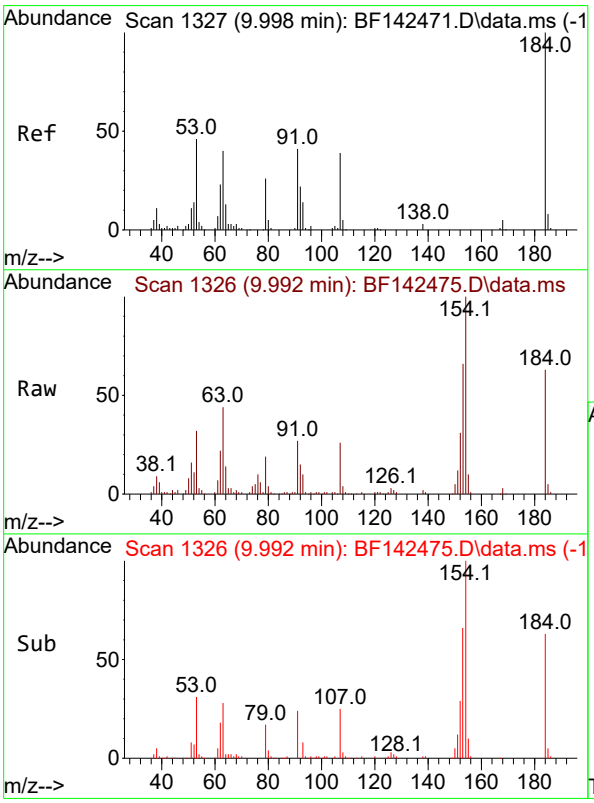
#53
3-Nitroaniline
Concen: 38.246 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

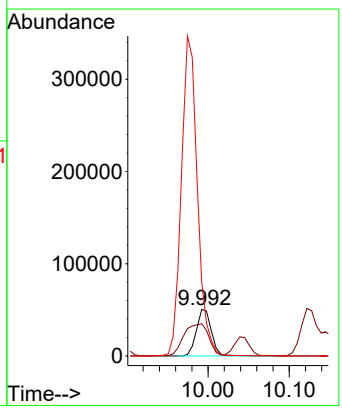


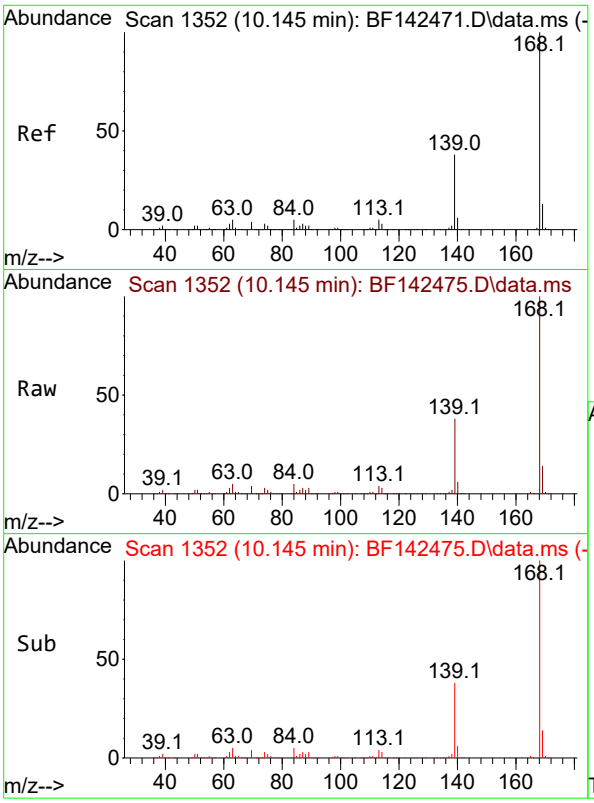


#54
2,4-Dinitrophenol
Concen: 41.481 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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#



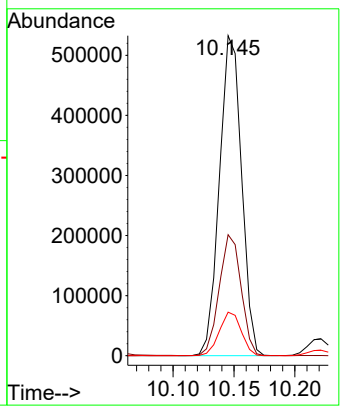


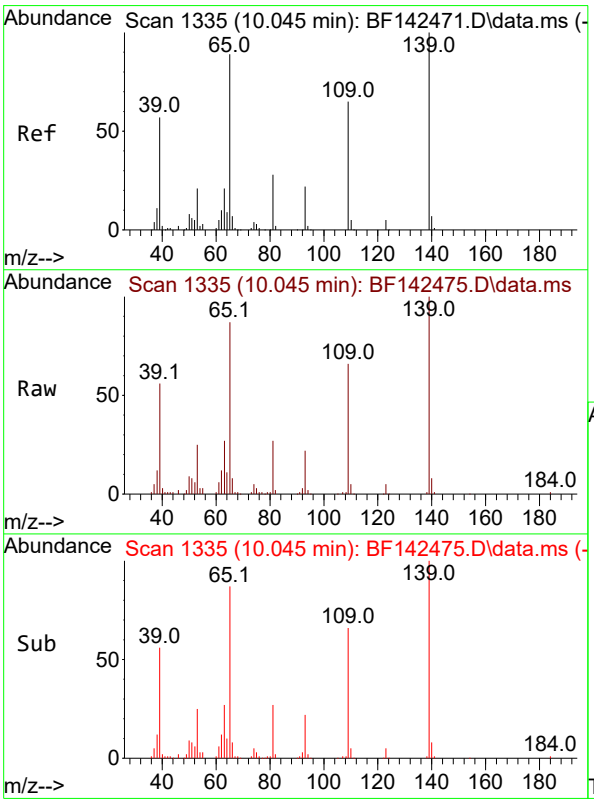
#55
Dibenzofuran
Concen: 37.170 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

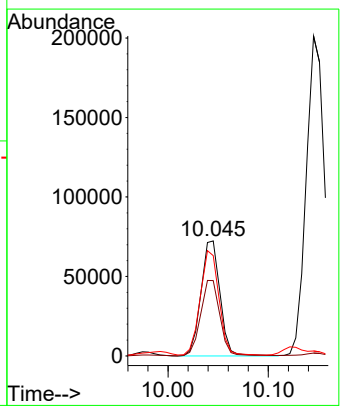


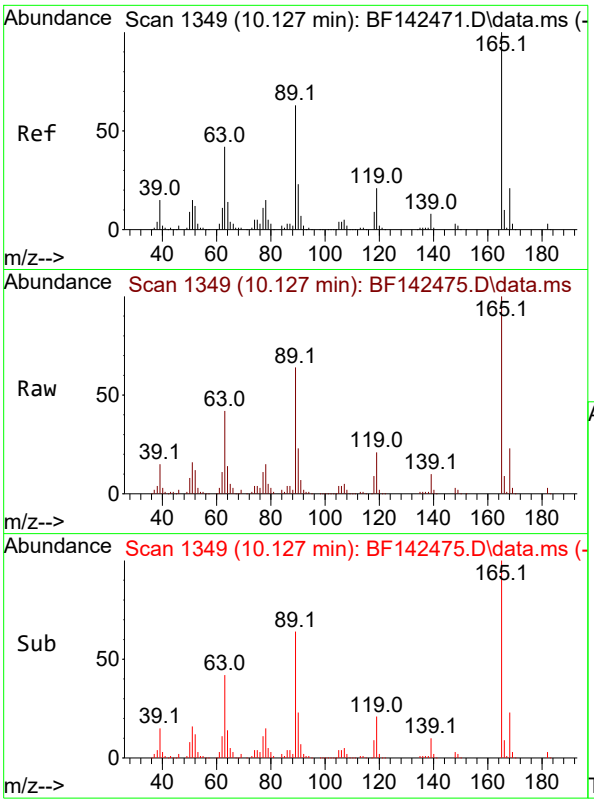


#56
4-Nitrophenol
Concen: 39.320 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



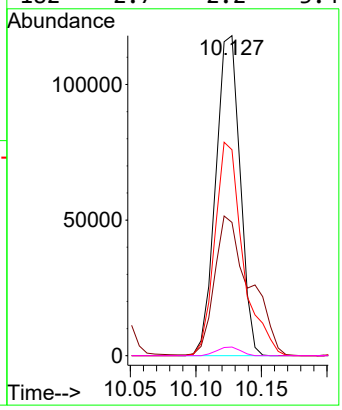


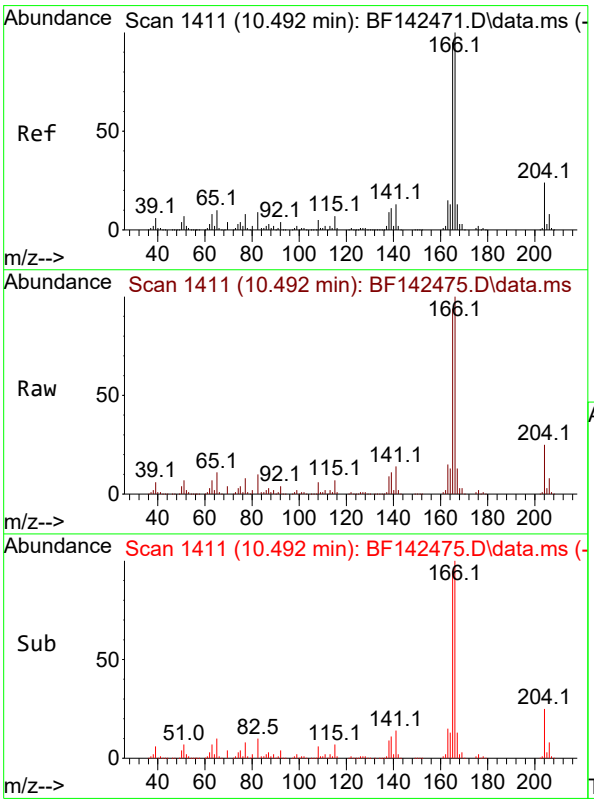
#57
2,4-Dinitrotoluene
Concen: 38.463 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

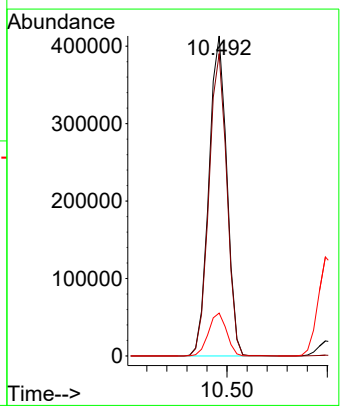


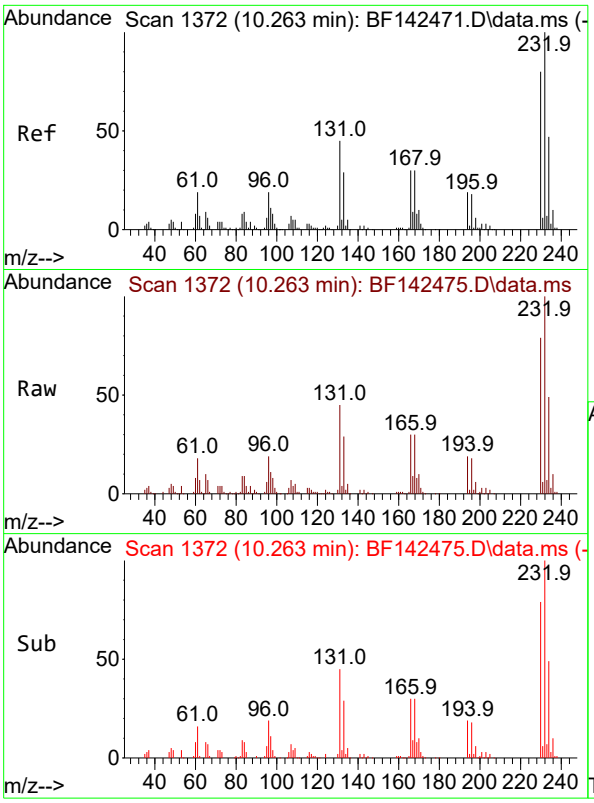


#58
Fluorene
Concen: 36.662 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



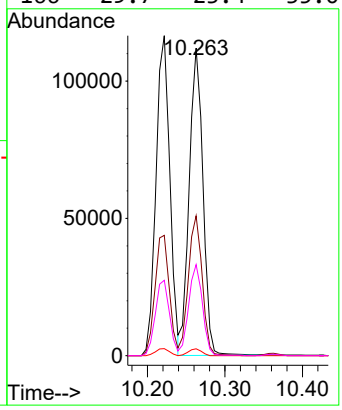


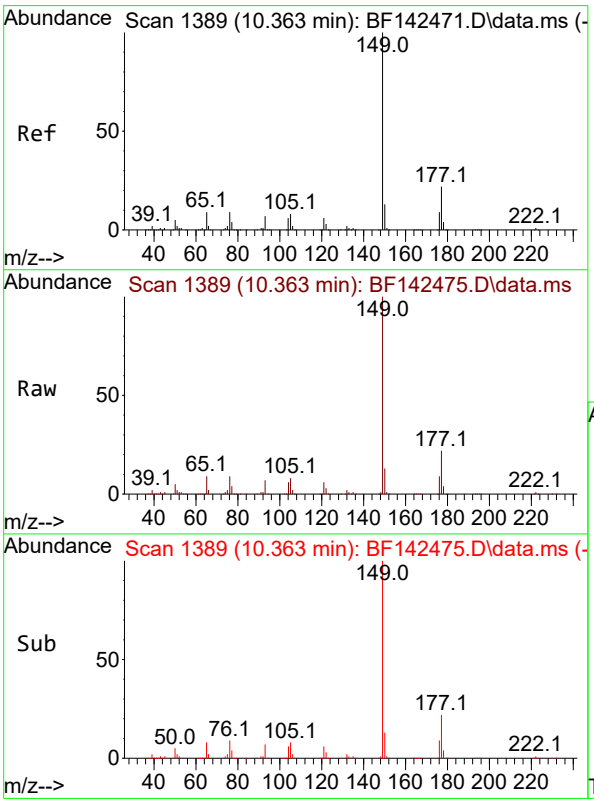
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

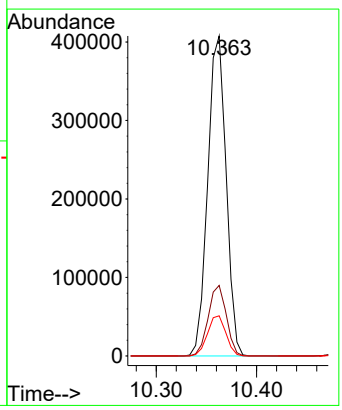


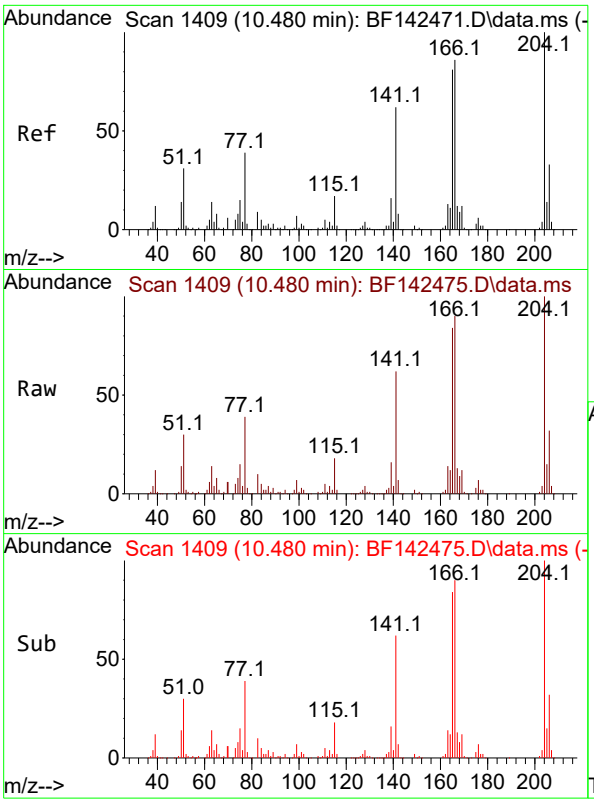


#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



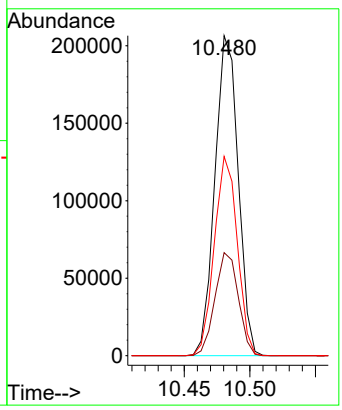


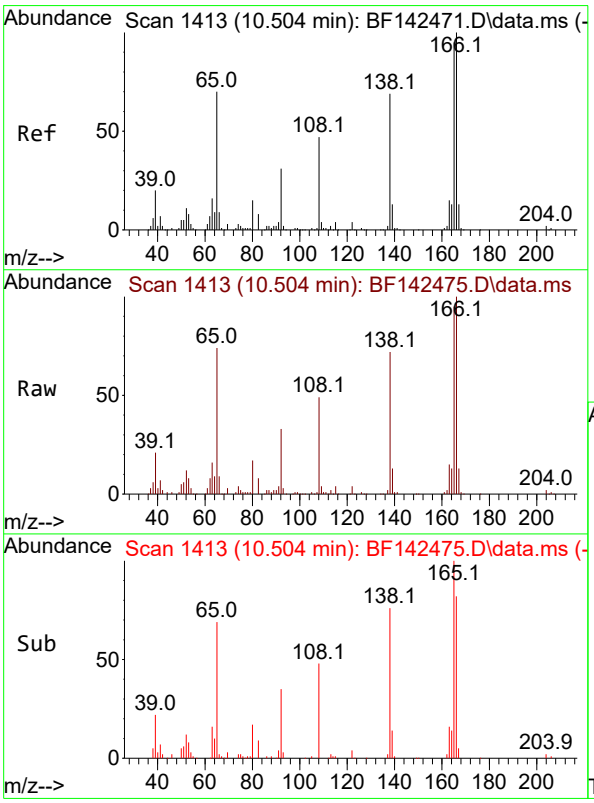
#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

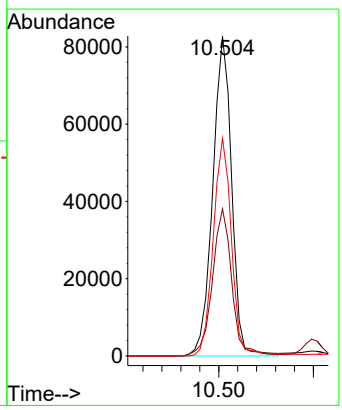


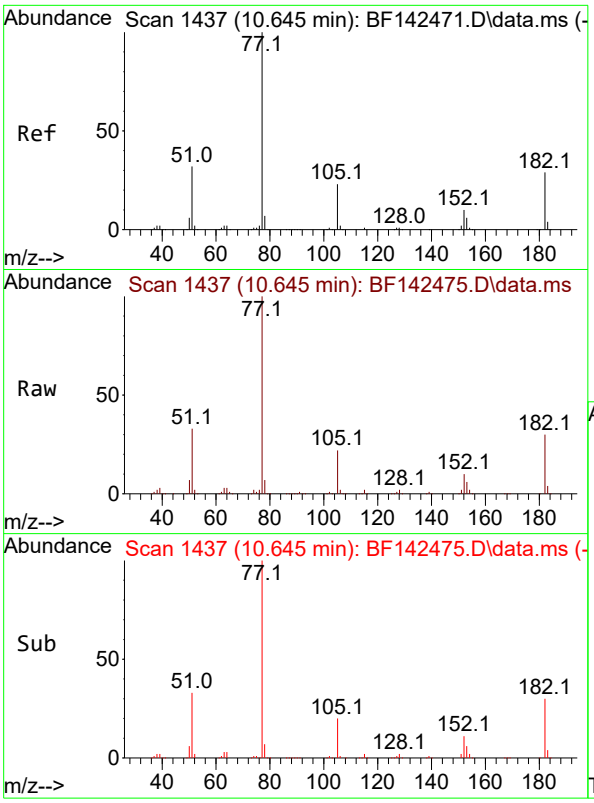


#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



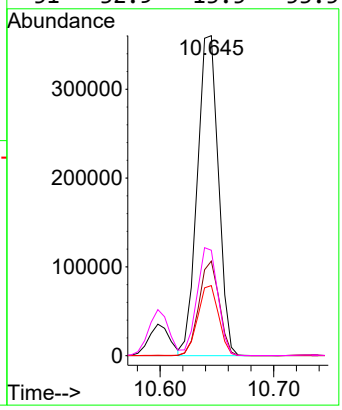


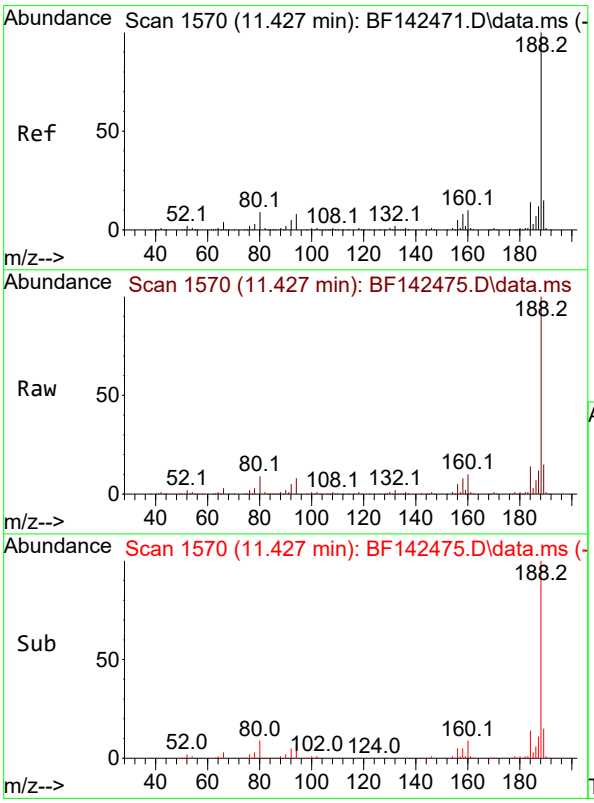
#63
Azobenzene
Concen: 37.780 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

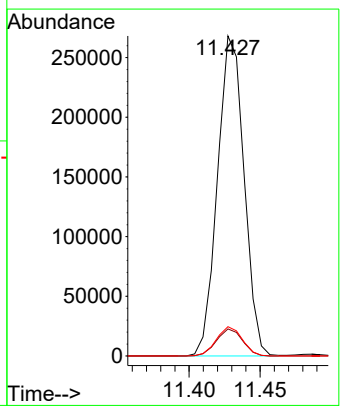


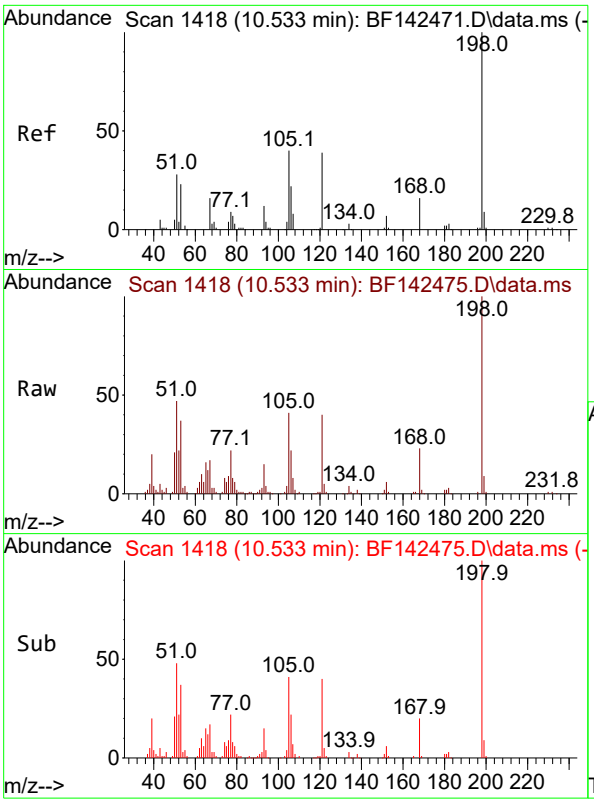


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



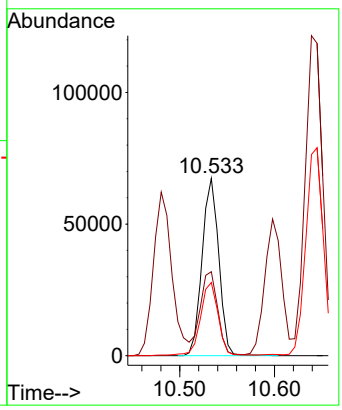


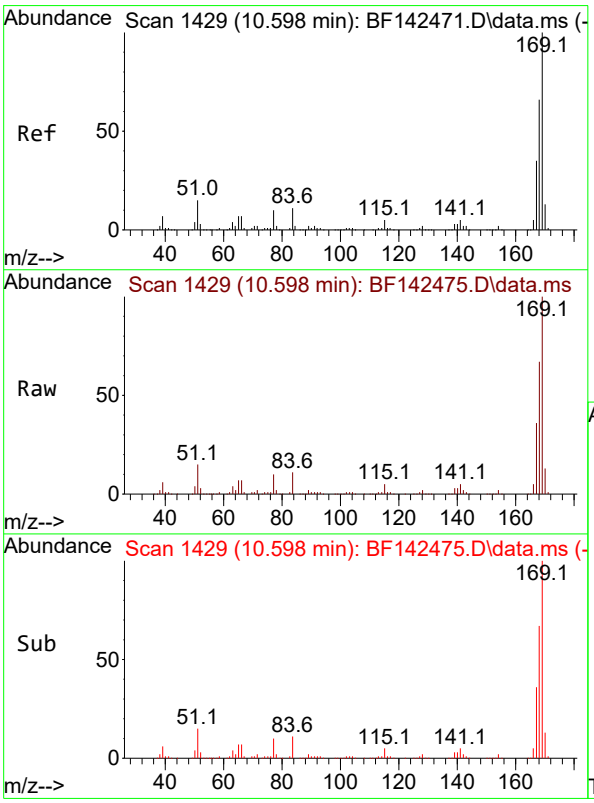
#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

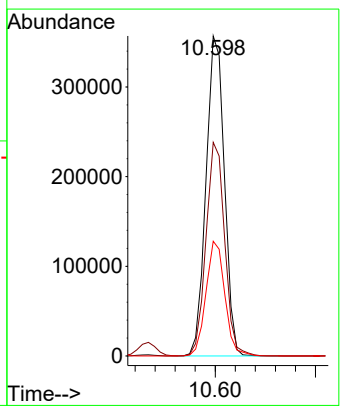


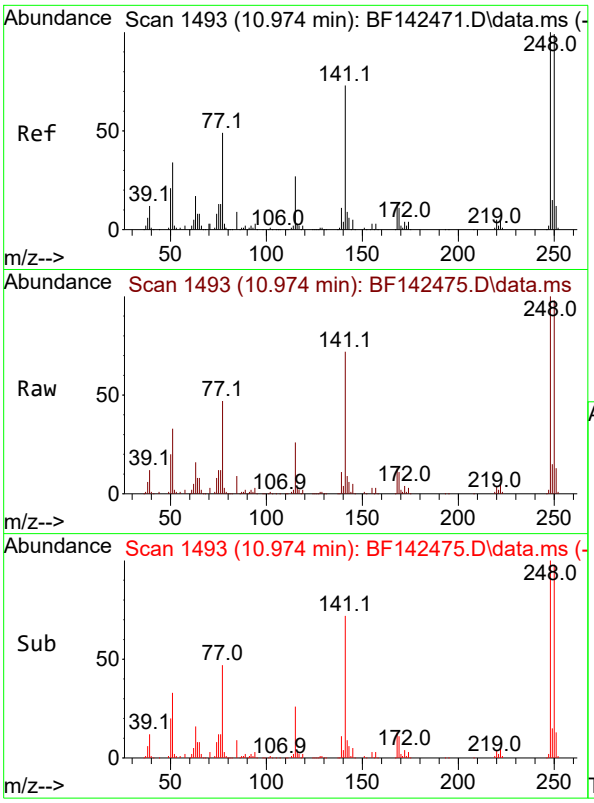


#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



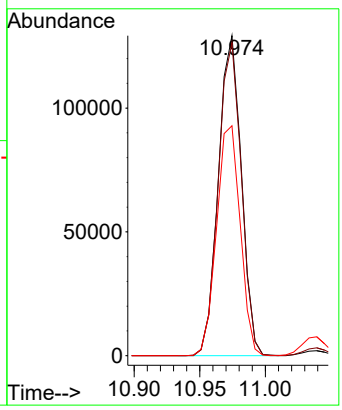


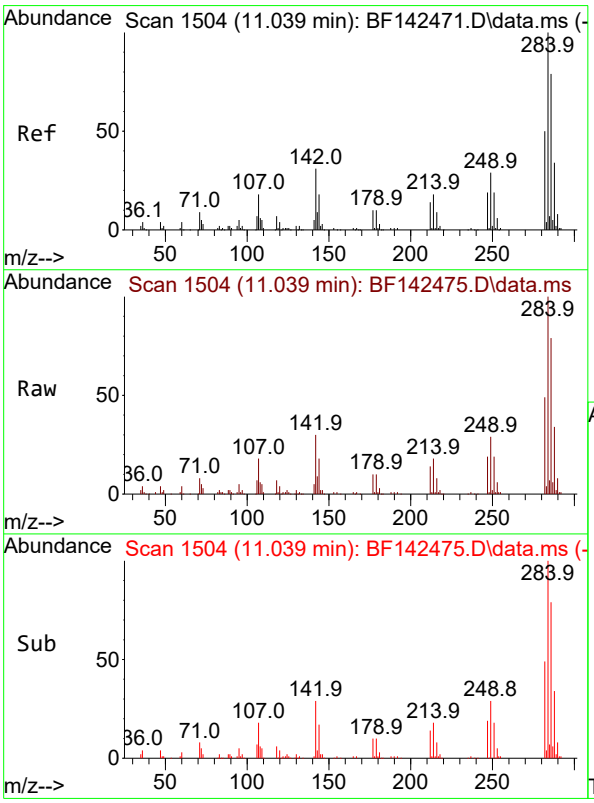
#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

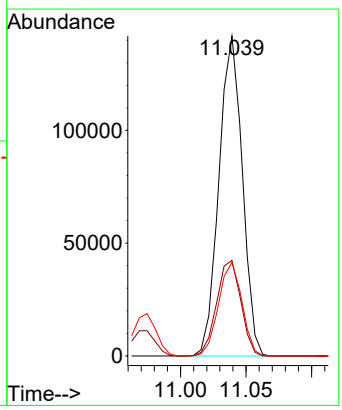


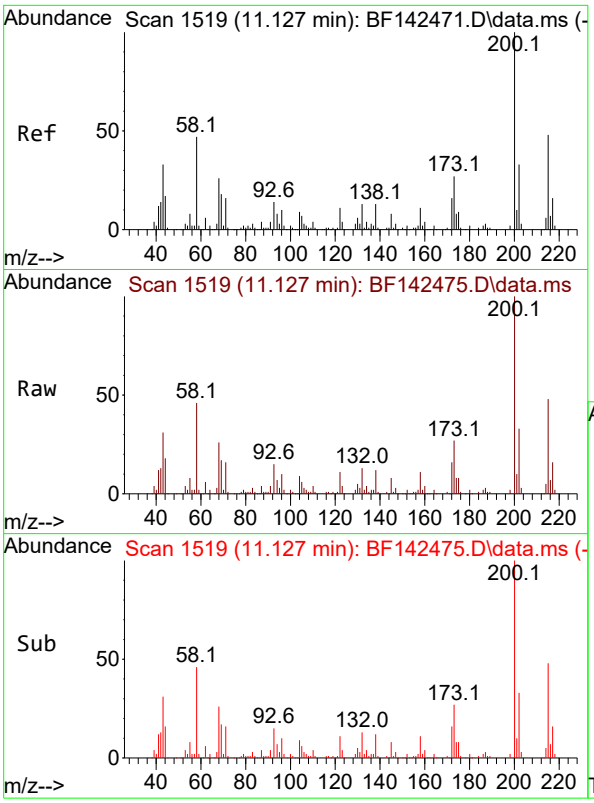


#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



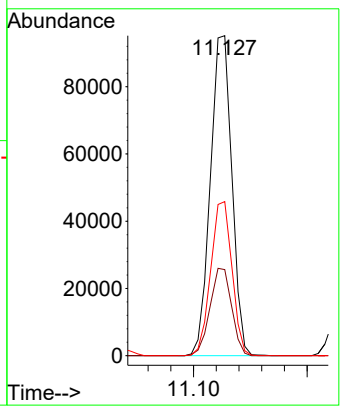


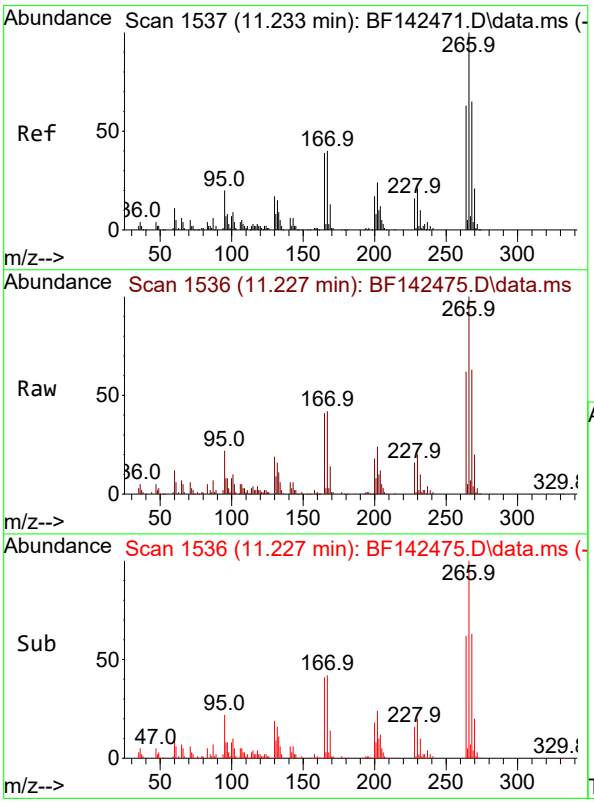
#69
Atrazine
Concen: 39.541 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

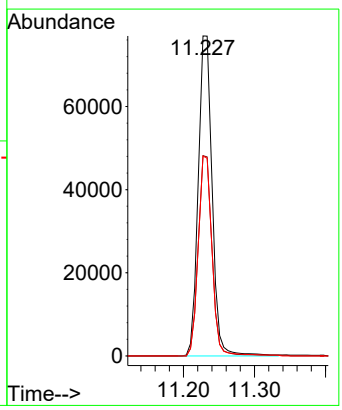


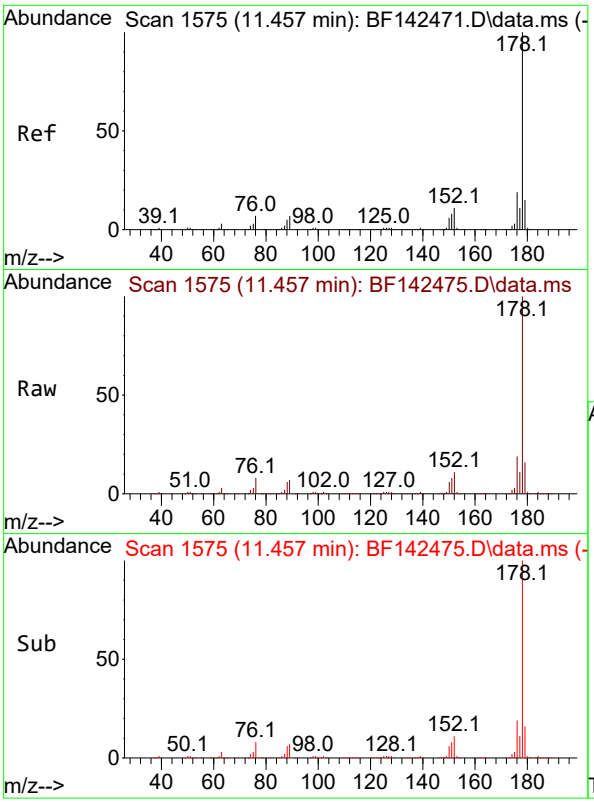


#70
Pentachlorophenol
Concen: 40.866 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



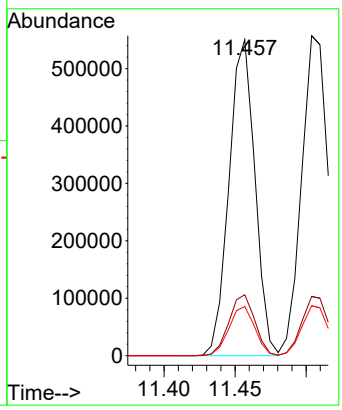


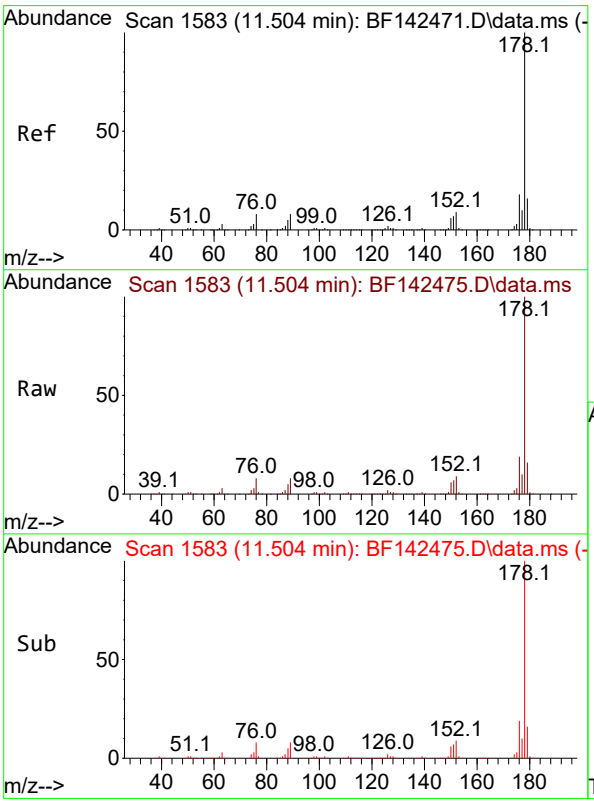
#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

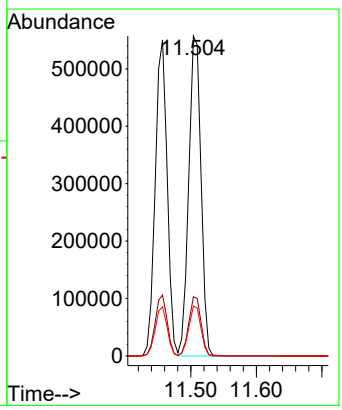


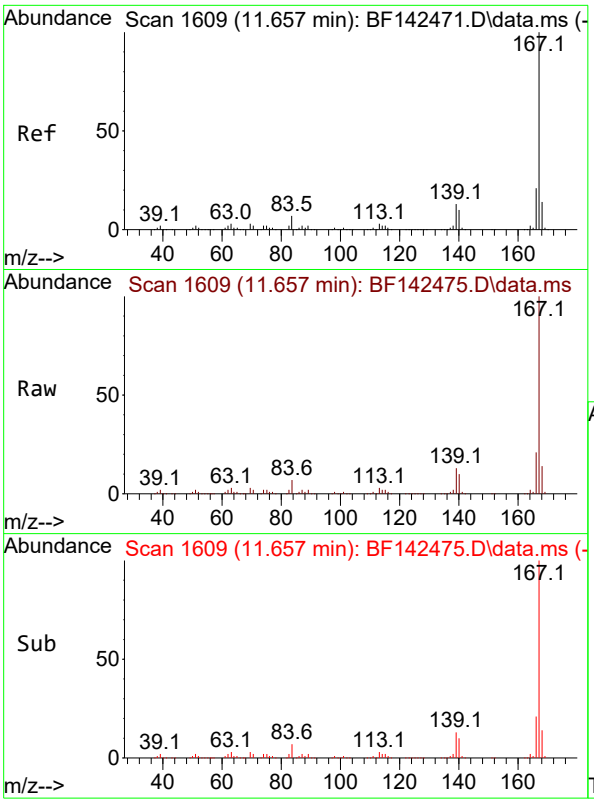


#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



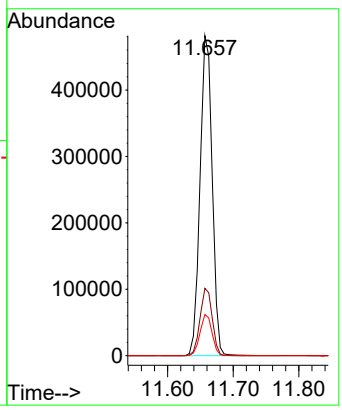


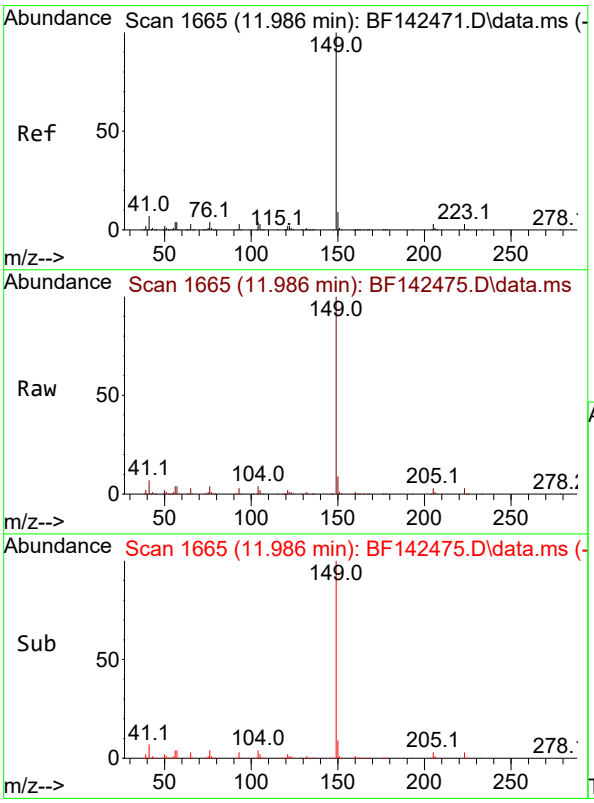
#73
Carbazole
Concen: 38.300 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

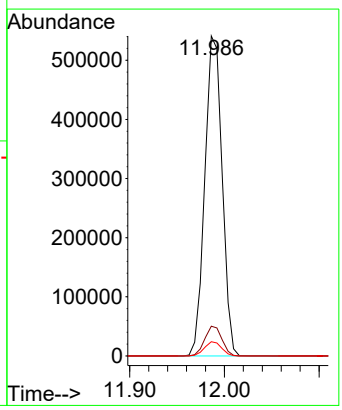


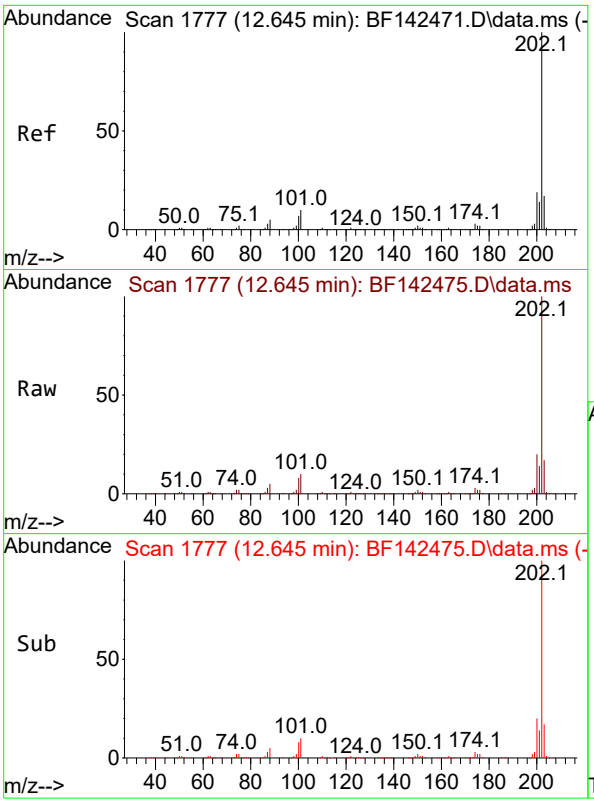


#74
Di-n-butylphthalate
Concen: 38.596 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



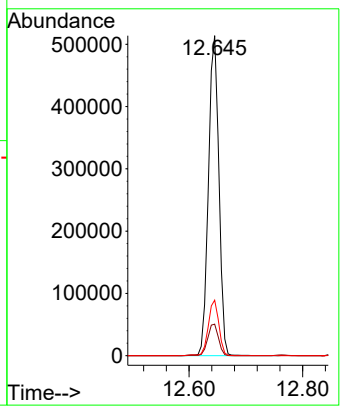


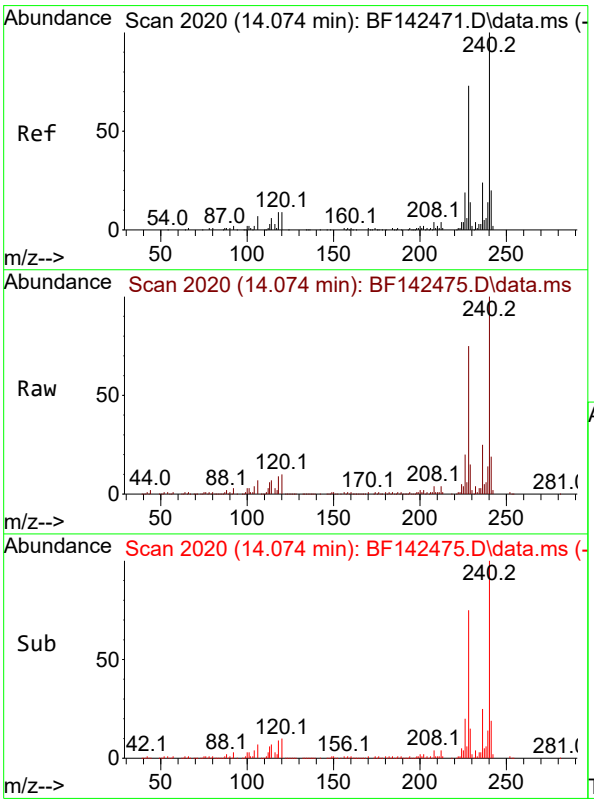
#75
Fluoranthene
Concen: 37.479 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

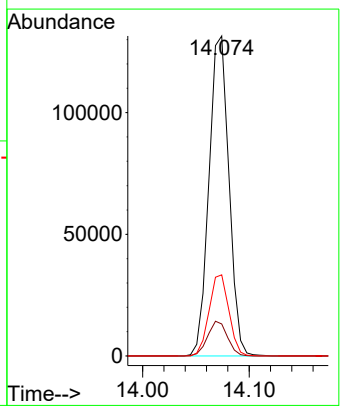


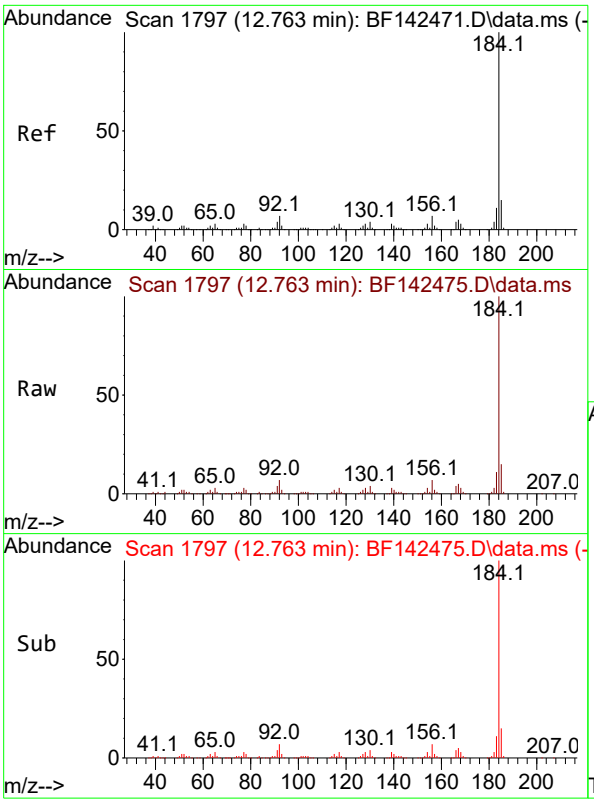


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



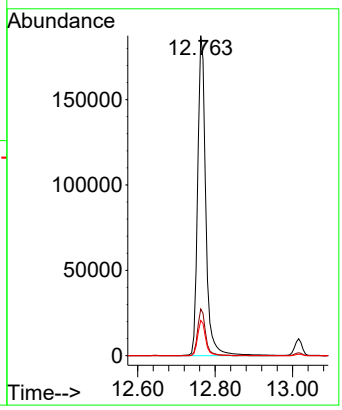


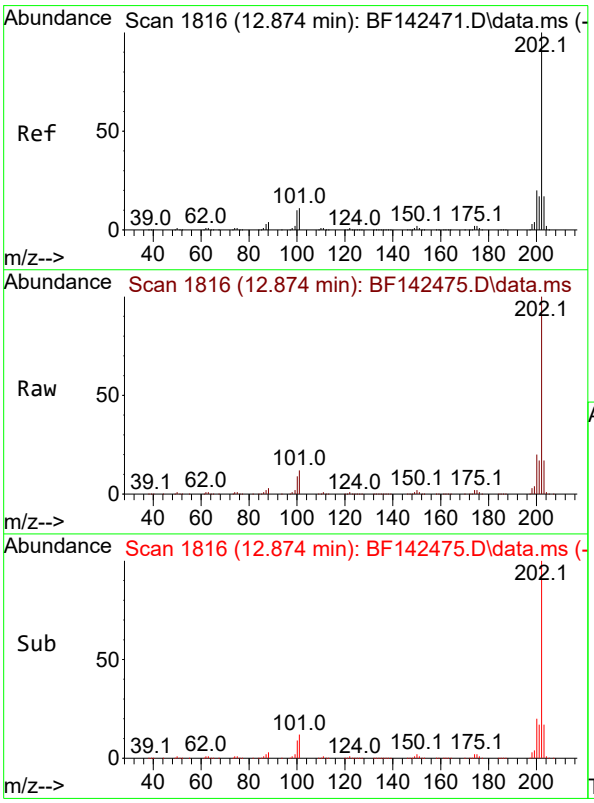
#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

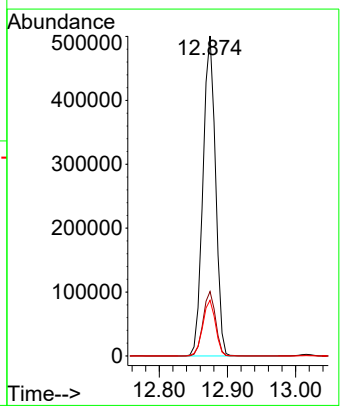


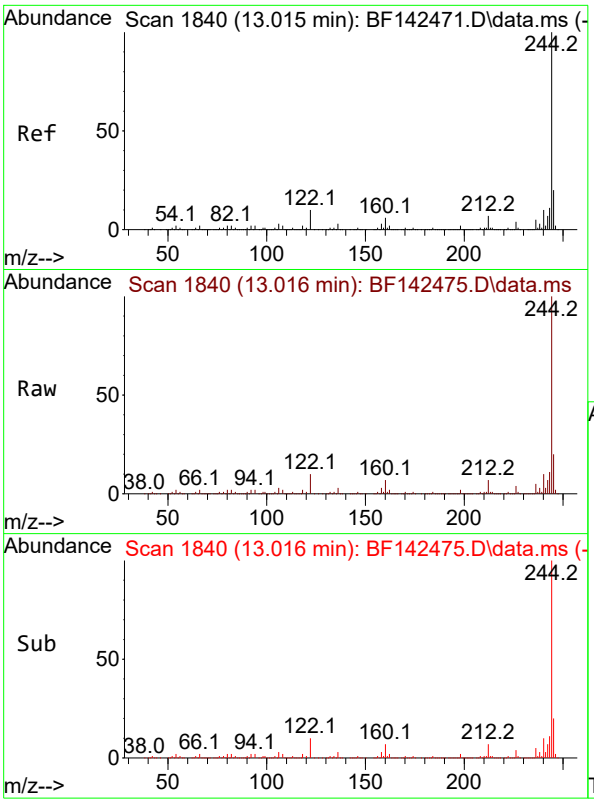


#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



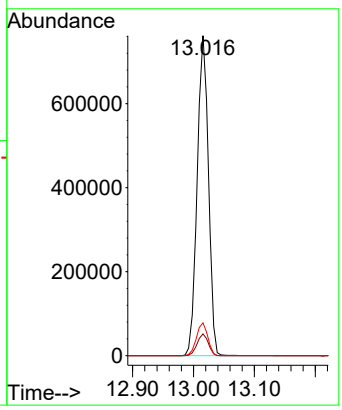


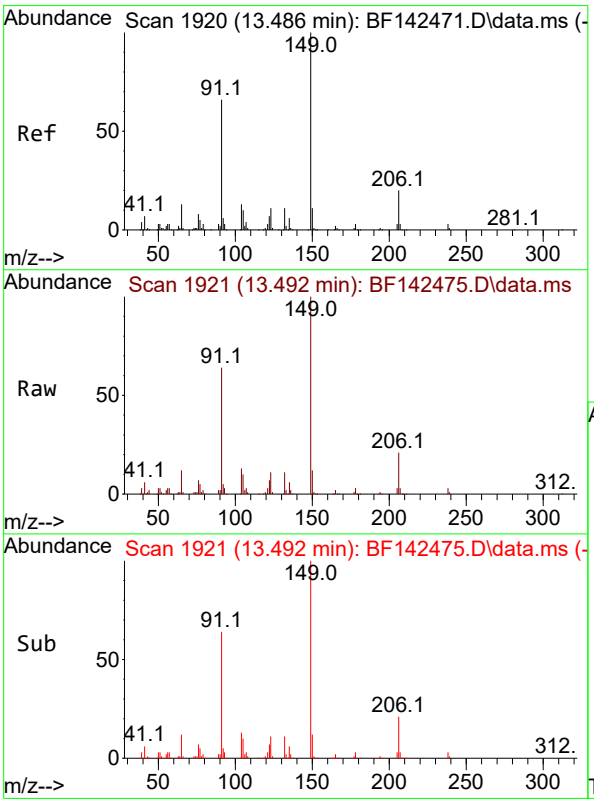
#79
Terphenyl-d14
Concen: 77.714 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

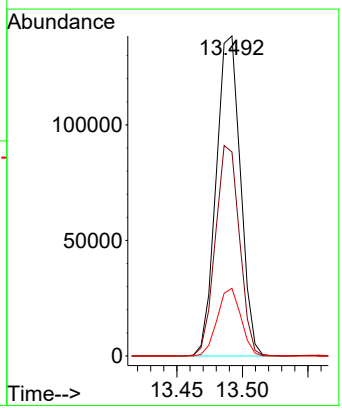


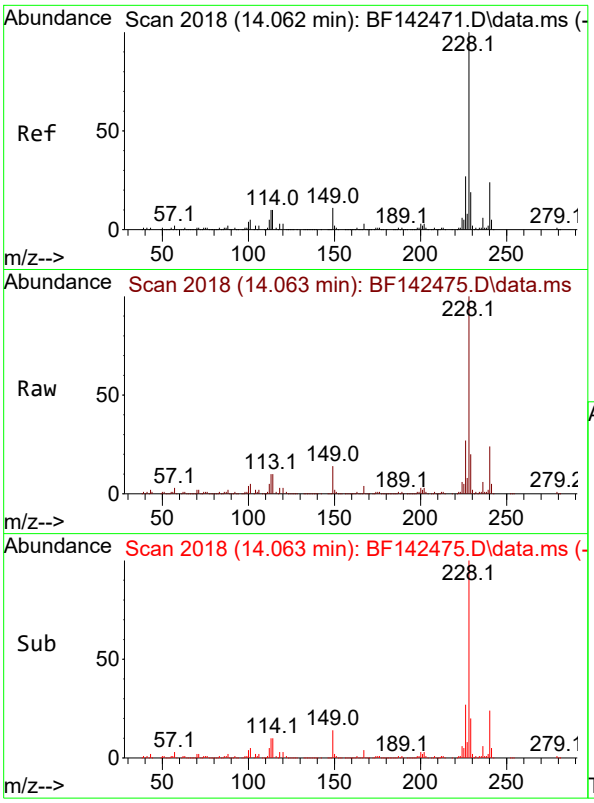


#80
Butylbenzylphthalate
Concen: 40.275 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



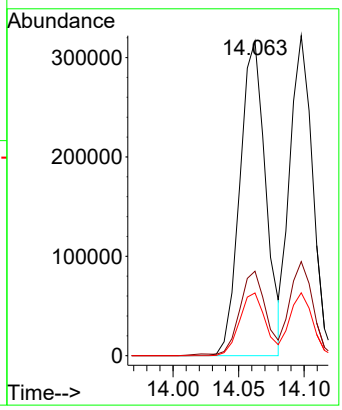


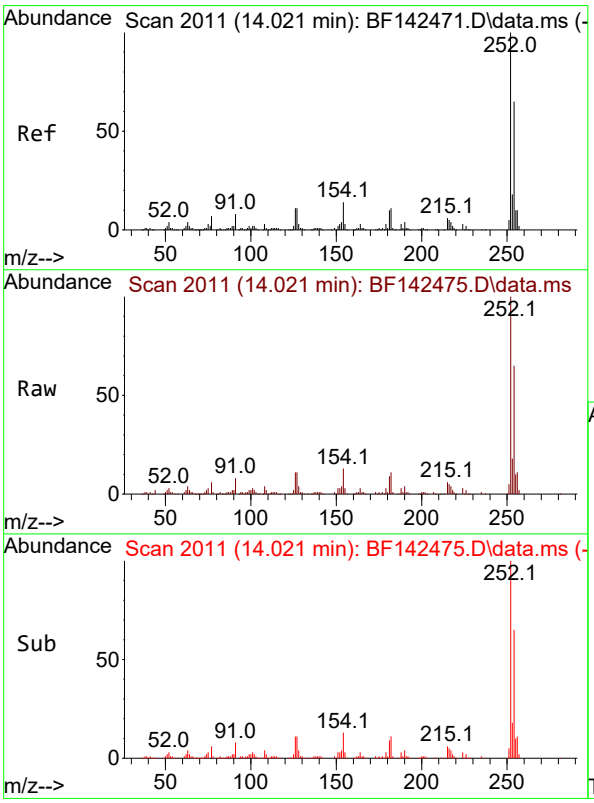
#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

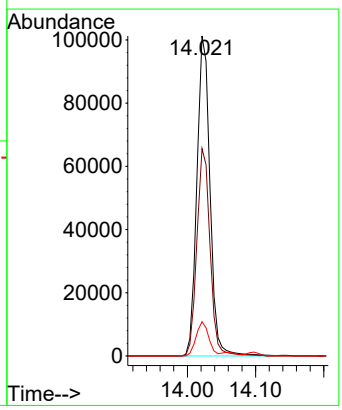


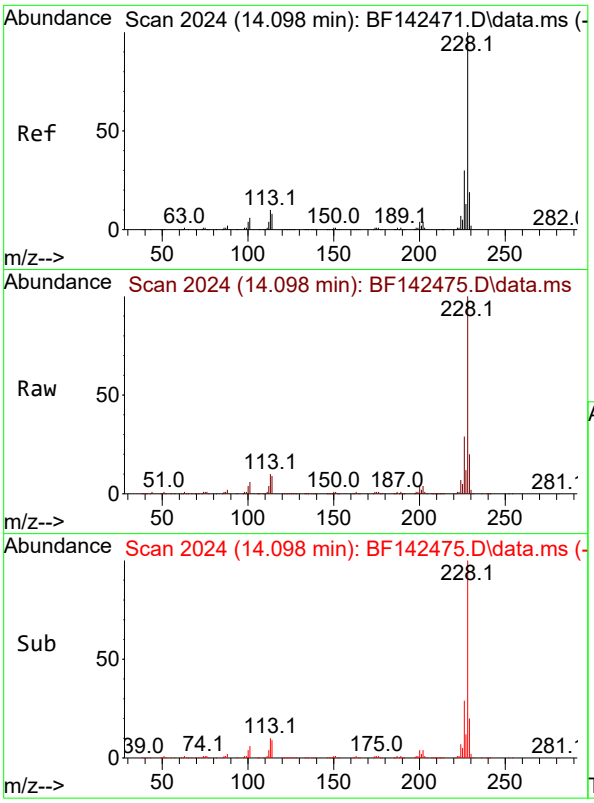


#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



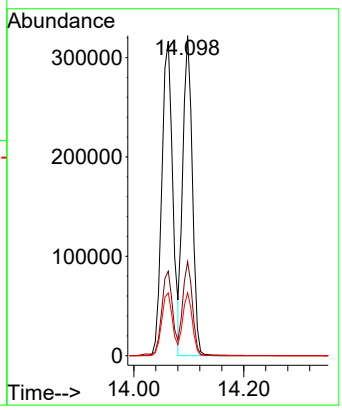


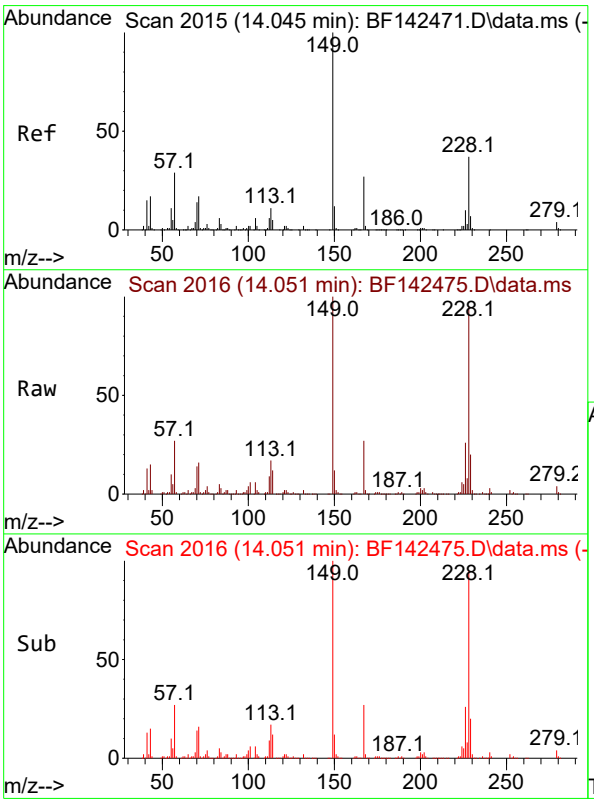
#83
Chrysene
Concen: 37.768 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

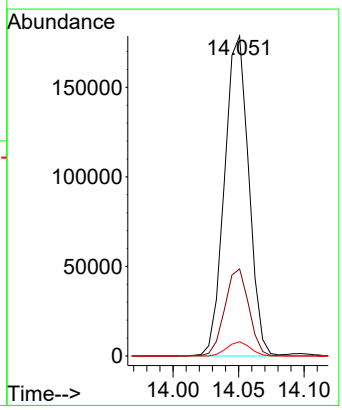


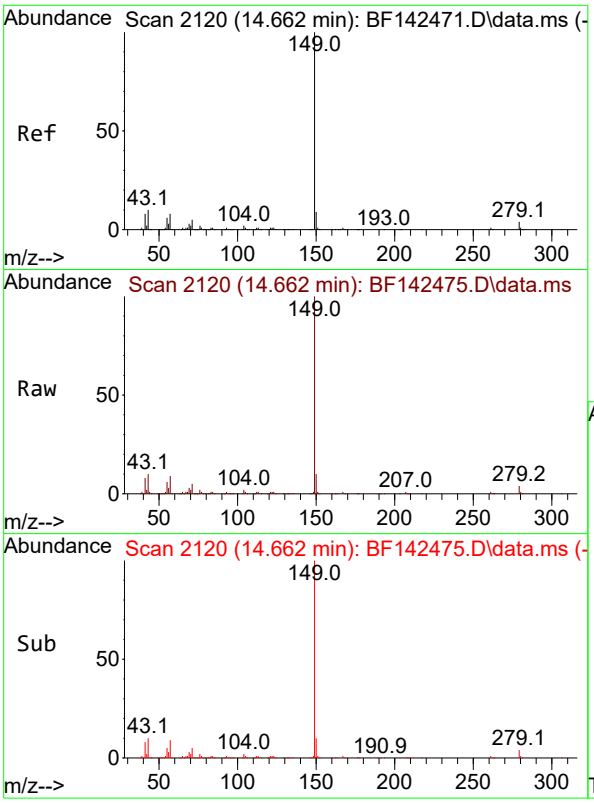


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.596 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



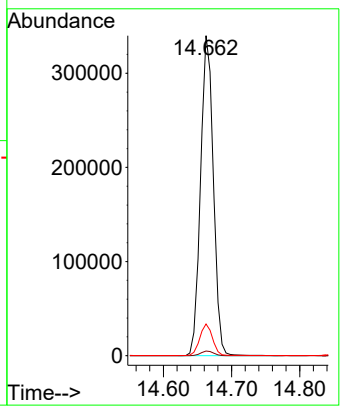


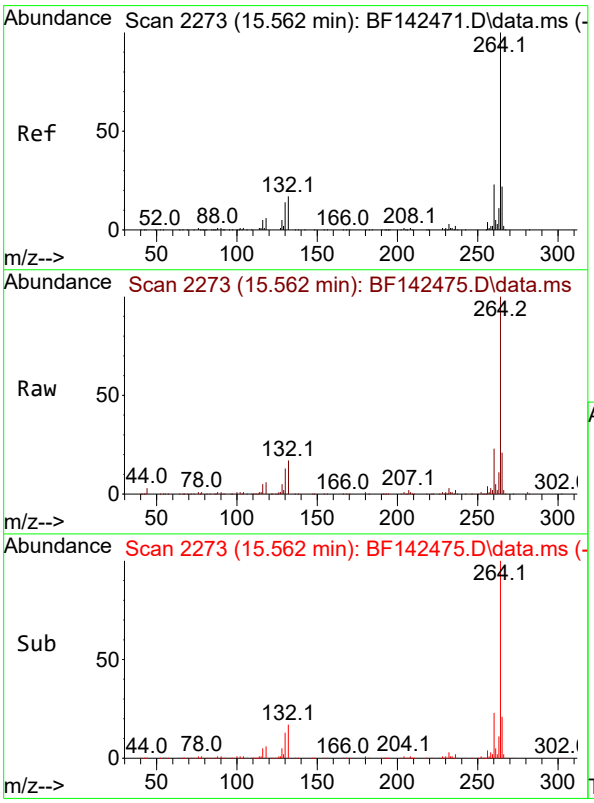
#85
Di-n-octyl phthalate
Concen: 40.048 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

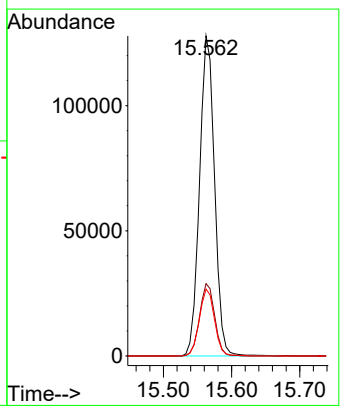


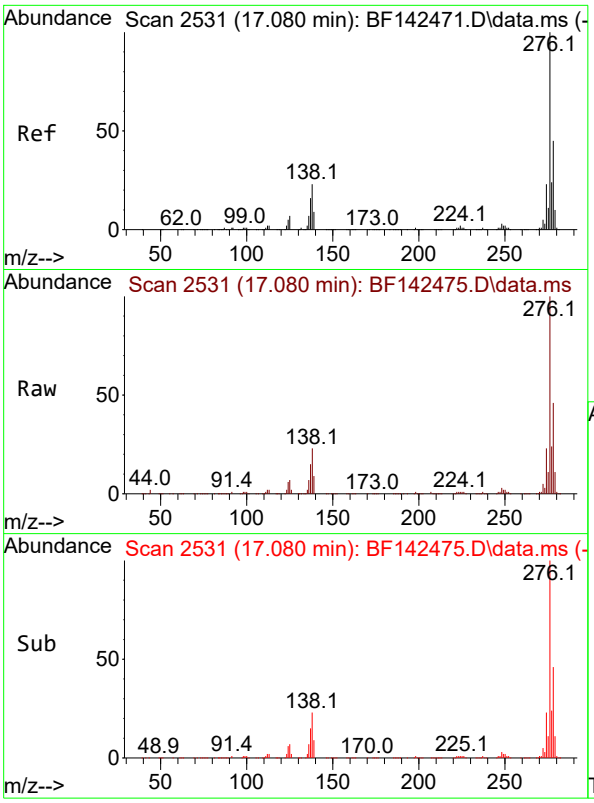


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



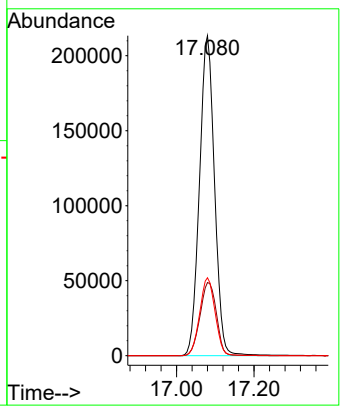


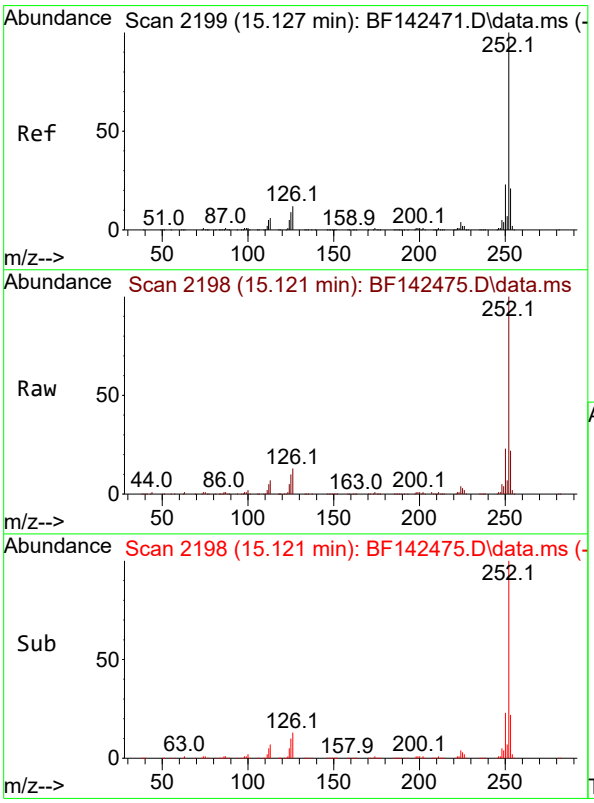
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.070 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

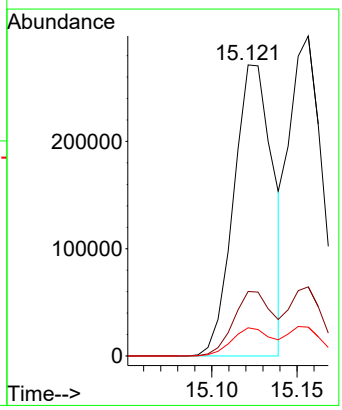


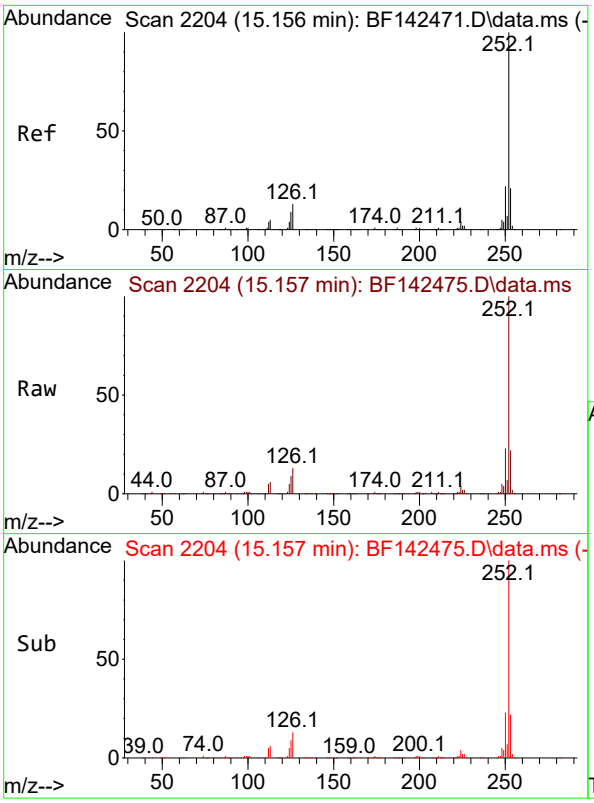


#88
Benzo(b)fluoranthene
Concen: 37.396 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



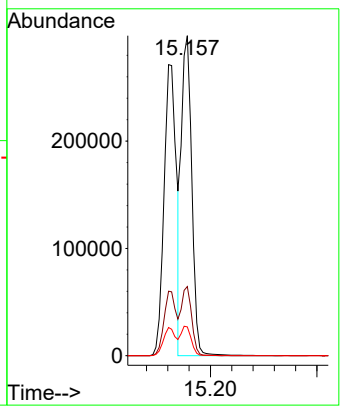


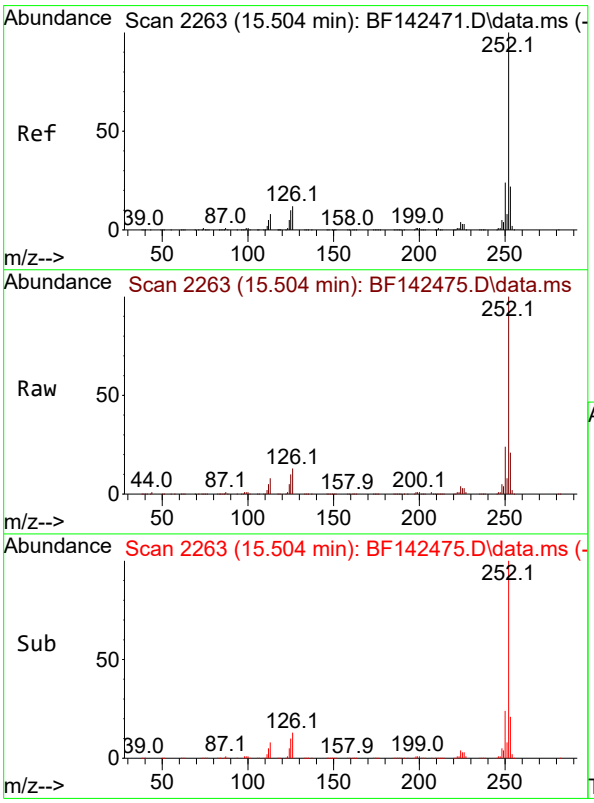
#89
Benzo(k)fluoranthene
Concen: 37.255 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

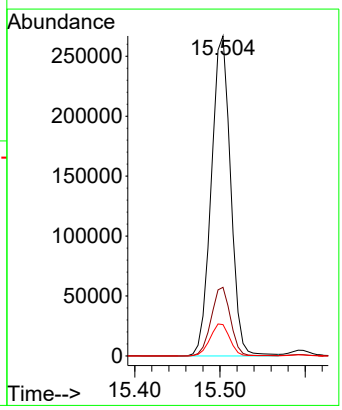


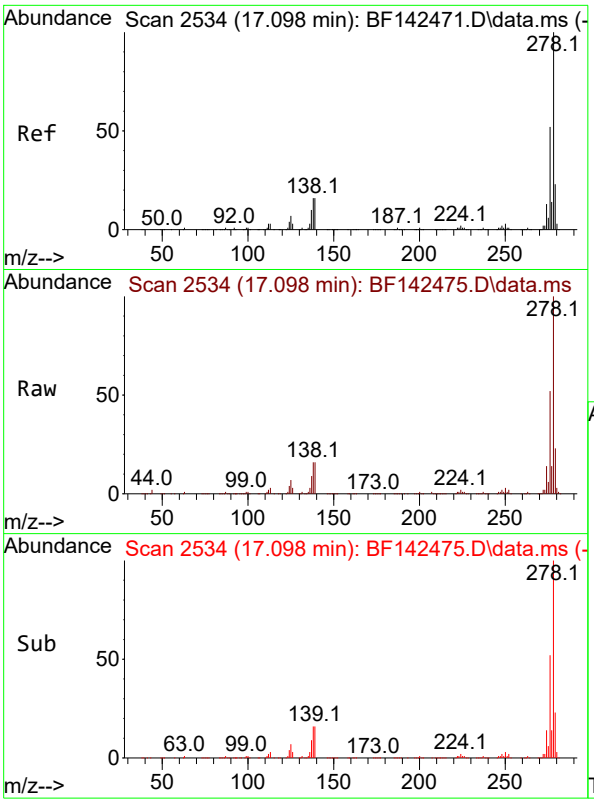


#90
Benzo(a)pyrene
Concen: 38.578 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



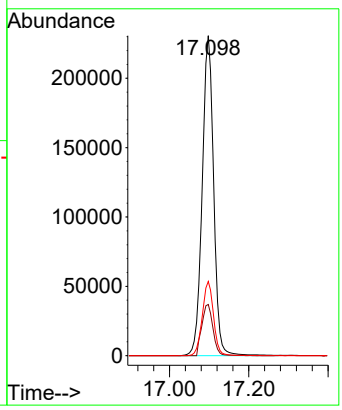


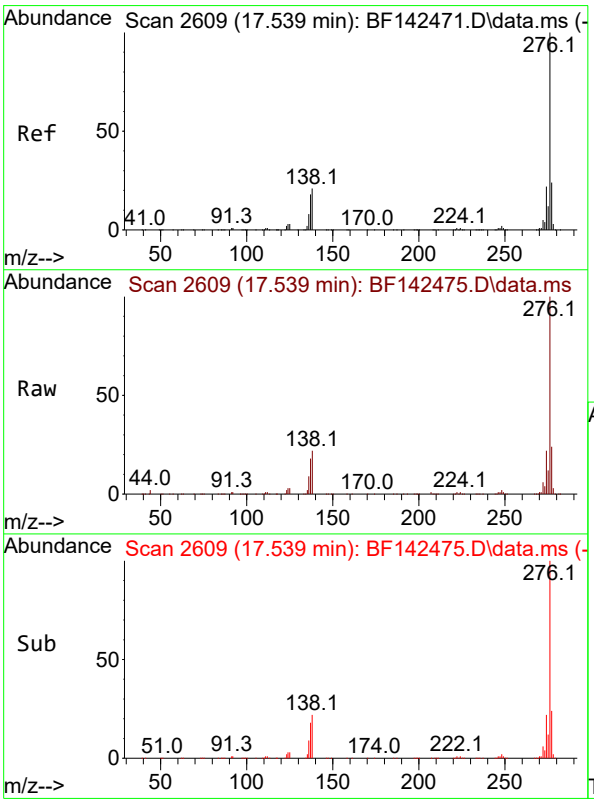
#91
Dibenzo(a,h)anthracene
Concen: 38.868 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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

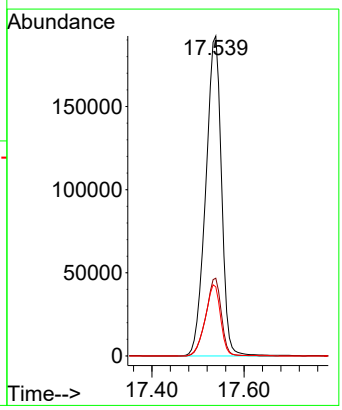




#92
Benzo(g,h,i)perylene
Concen: 38.345 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

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



Evaluate Continuing Calibration Report

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)
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

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)
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

Evaluate Continuing Calibration Report

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)
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

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)
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

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_F Calibration Date(s): 06/10/2025 06/10/2025

Calibration Time(s): 16:54 20:19

LAB FILE ID: RRF2.5 = BF142712.D RRF005 = BF142713.D RRF010 = BF142714.D
RRF020 = BF142715.D RRF040 = BF142716.D RRF050 = BF142717.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.174	4.5
Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.382	3.7
Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.365	3.2
Naphthalene		1.065	0.997	1.021	0.972	1.008	0.989	5.2
2-Methylnaphthalene		0.674	0.649	0.641	0.618	0.636	0.626	5.7
2-Fluorobiphenyl		1.690	1.610	1.569	1.444	1.535	1.505	9.0
2,4,6-Tribromophenol		0.236	0.223	0.224	0.213	0.226	0.219	5.3
Terphenyl-d14		1.609	1.562	1.556	1.462	1.430	1.456	9.1

All other compounds must meet a minimum RRF of 0.010.

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

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)

ICAL Form

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

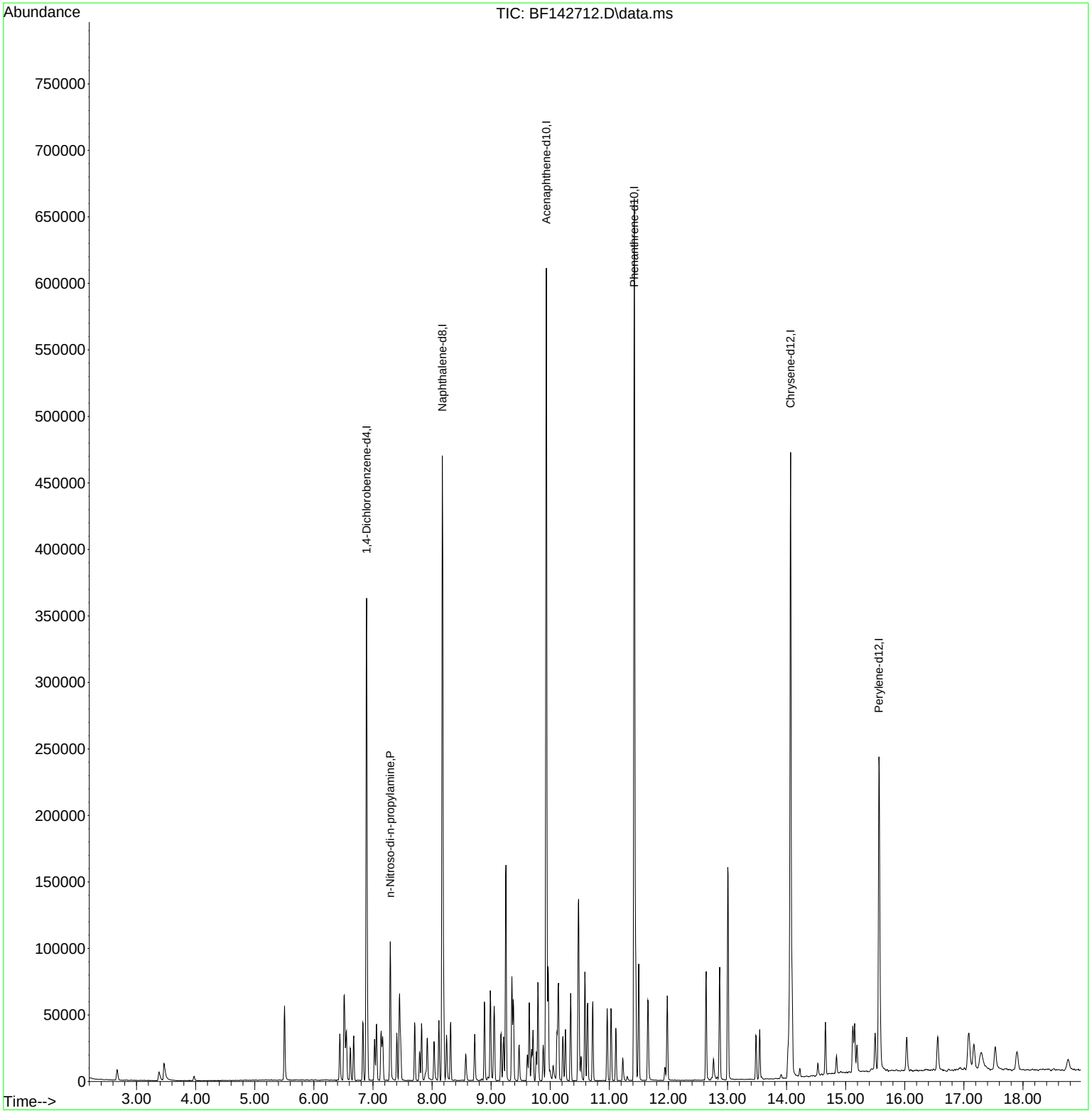
(#) = qualifier out of range (m) = manual integration (+) = signals summed

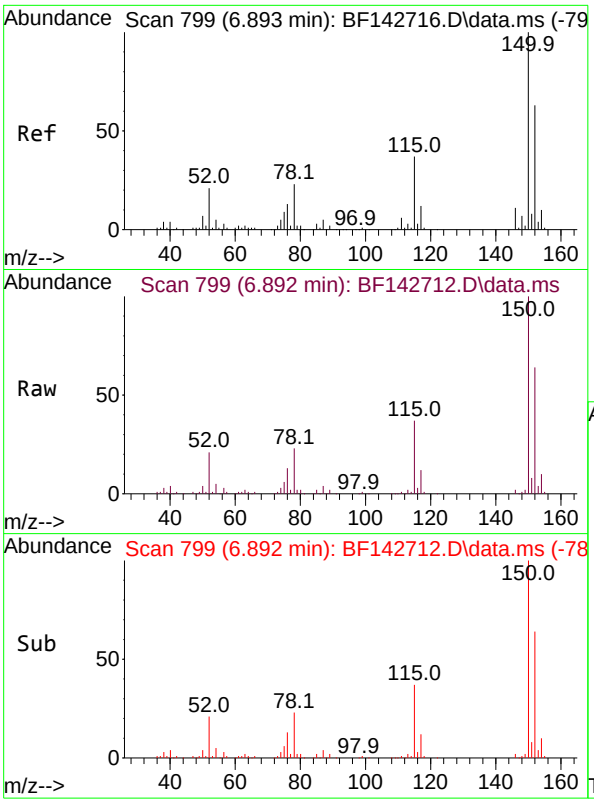
ICAL Form

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



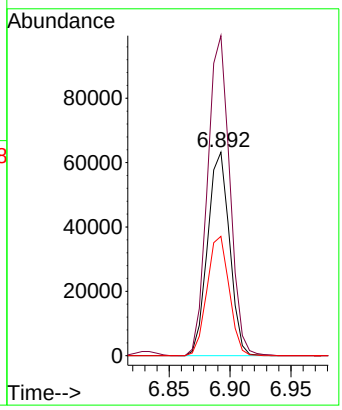


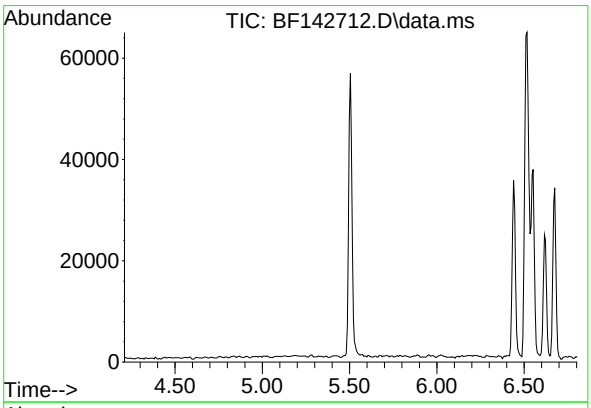
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



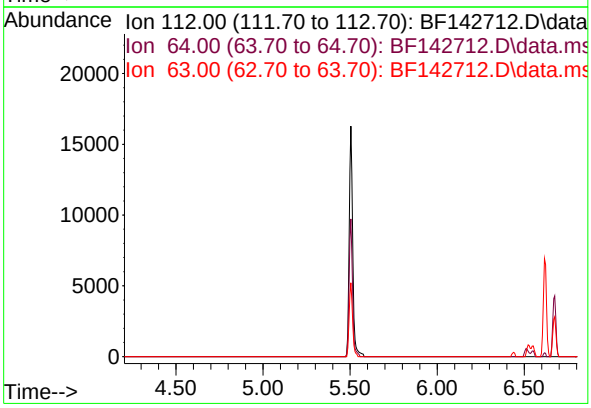


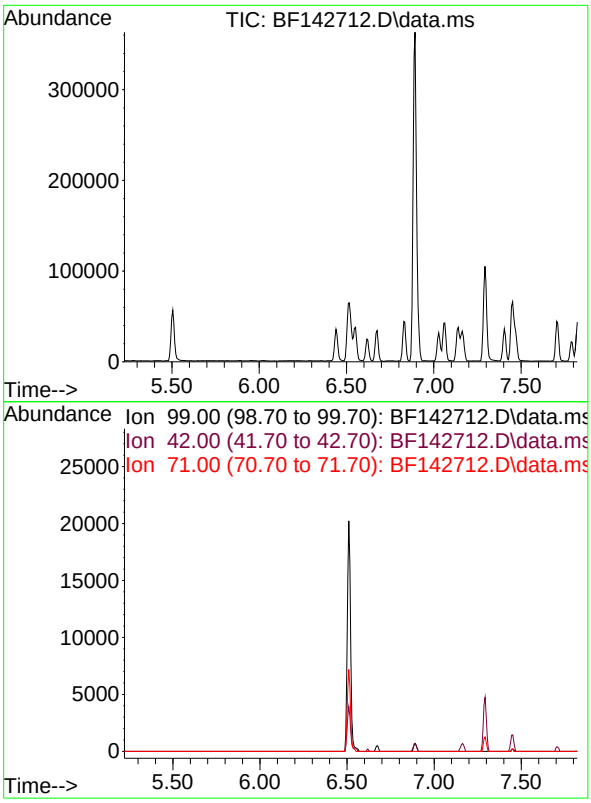
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.3
63	31.7





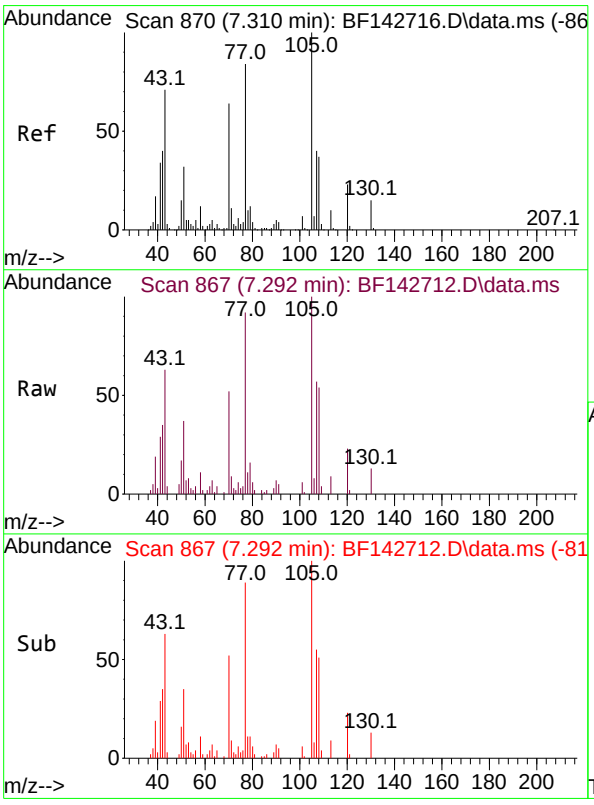
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

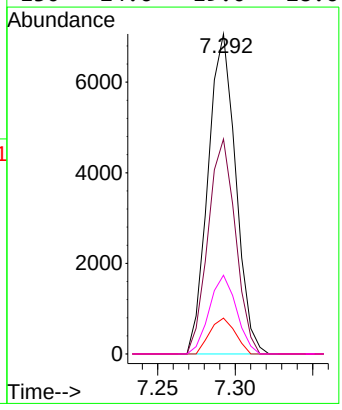
Sig	Exp Ratio
99	100
42	19.9
71	35.0

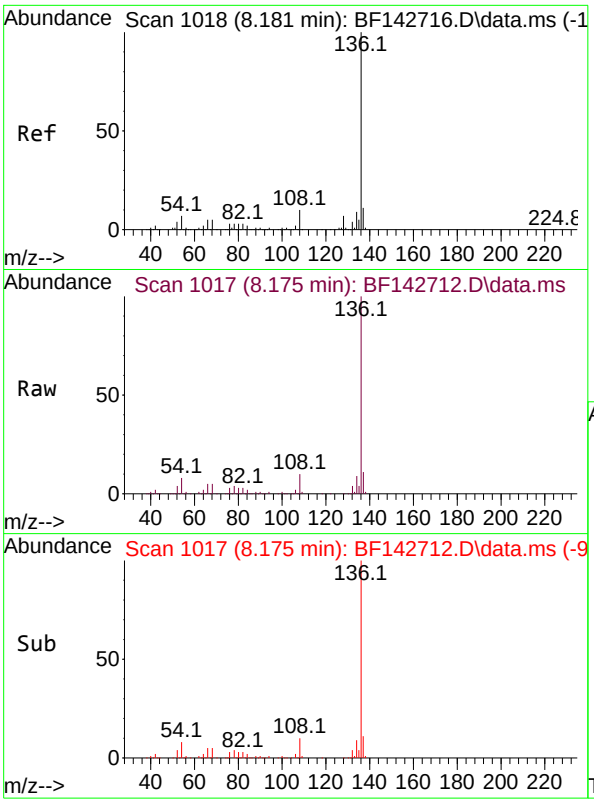


#19
n-Nitroso-di-n-propylamine
Concen: 2.710 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



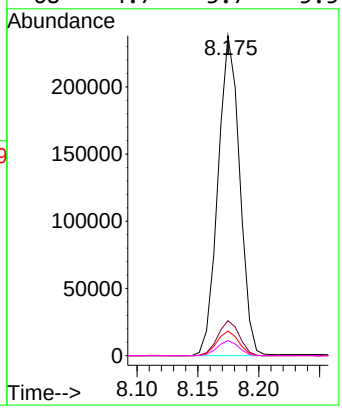


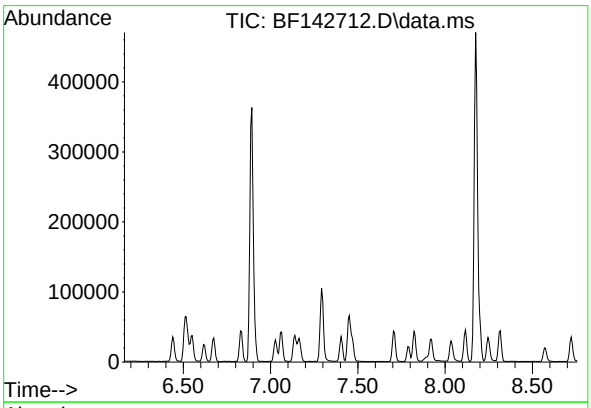
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



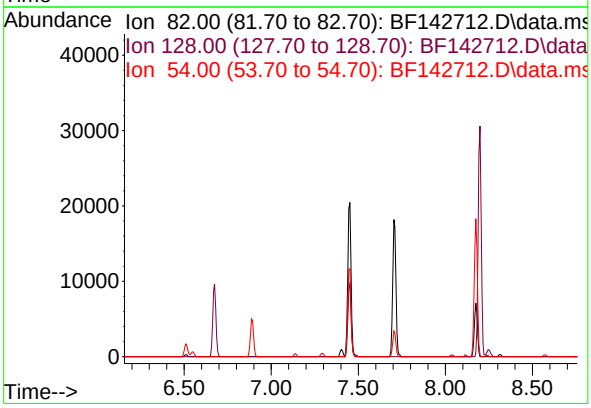


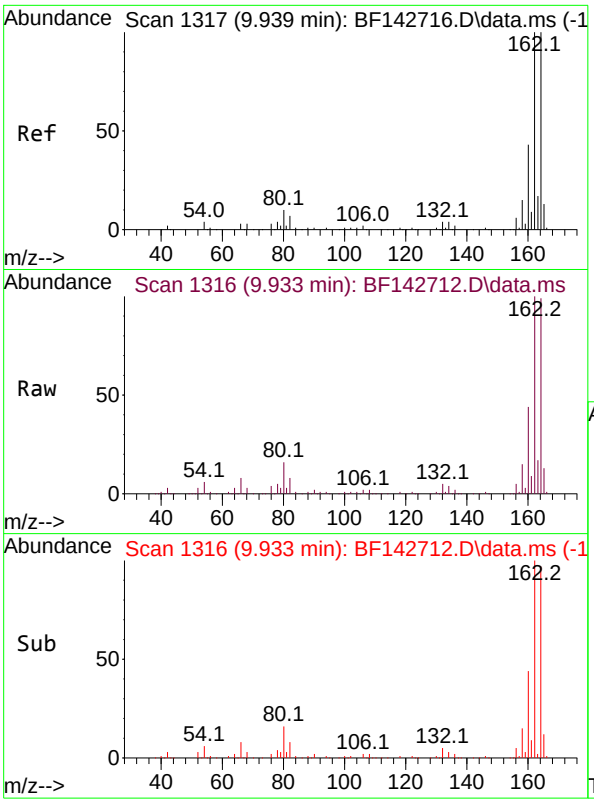
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.3
54	56.1



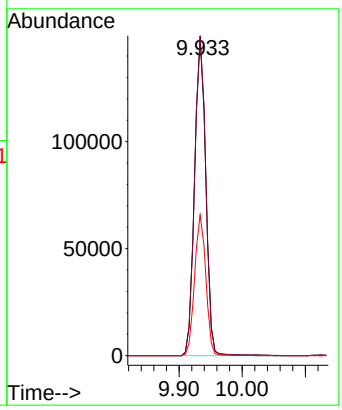


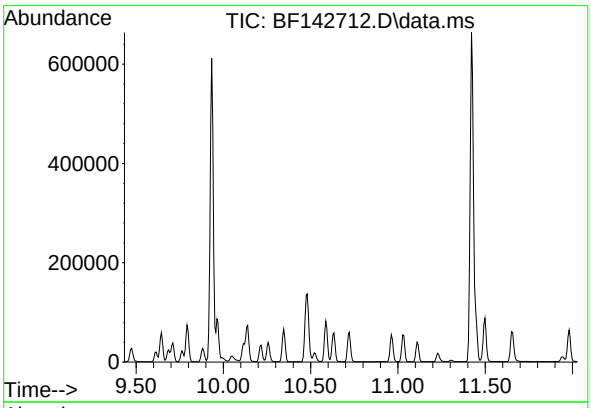
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



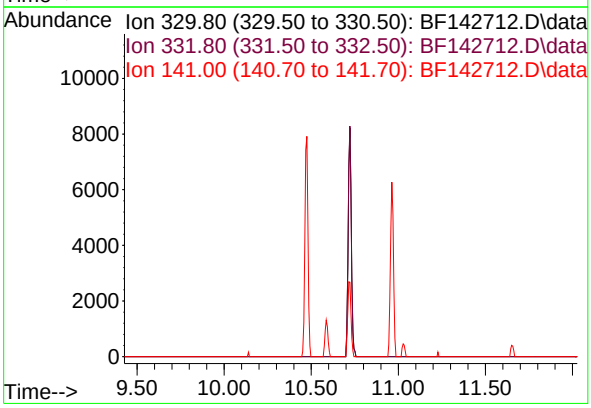


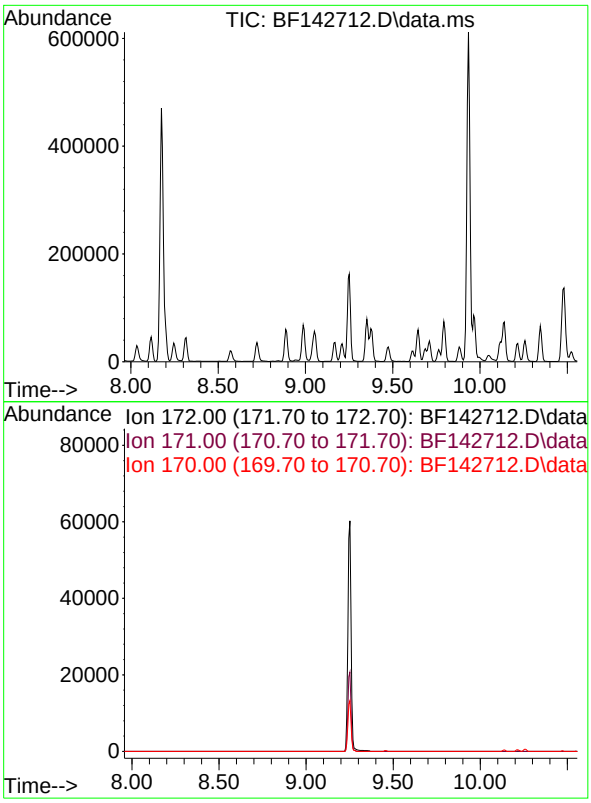
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	31.7





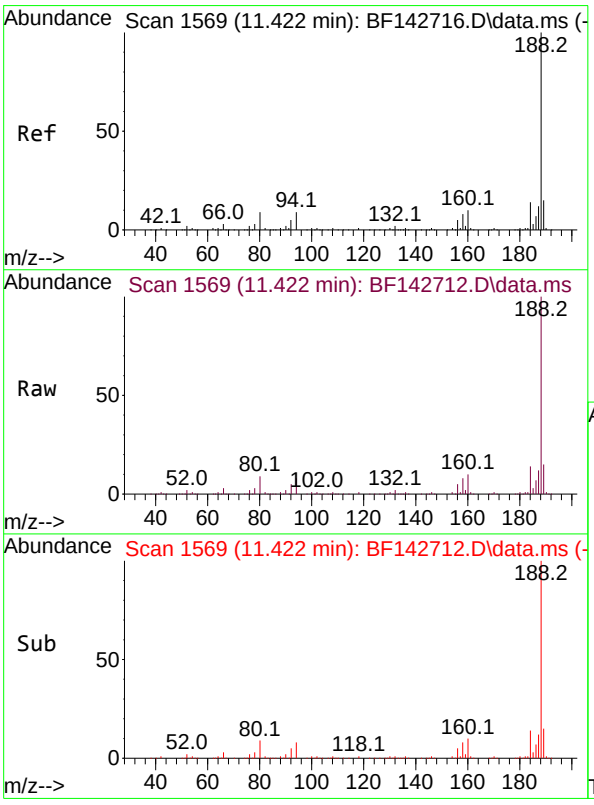
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.26 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

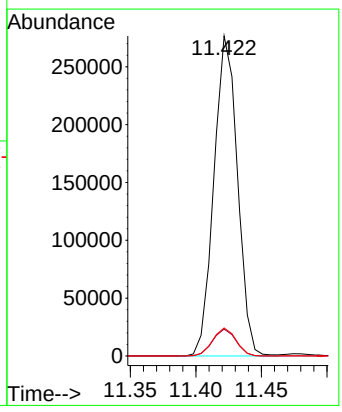
Sig	Exp Ratio
172	100
171	35.1
170	23.2

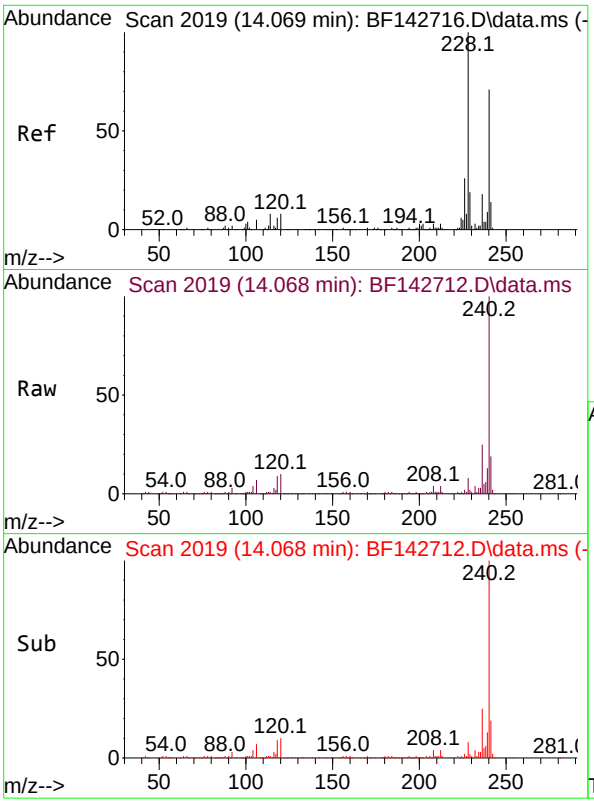


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



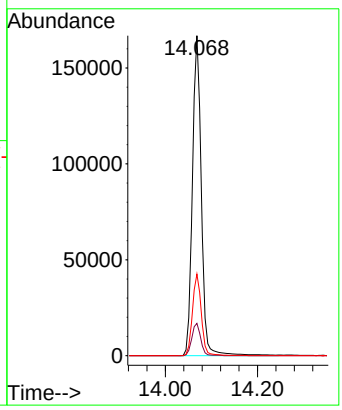


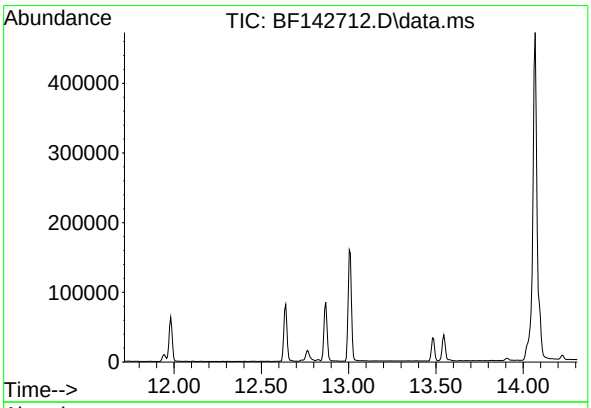
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



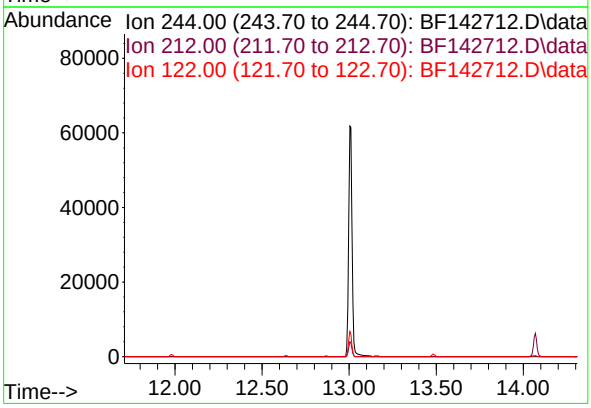


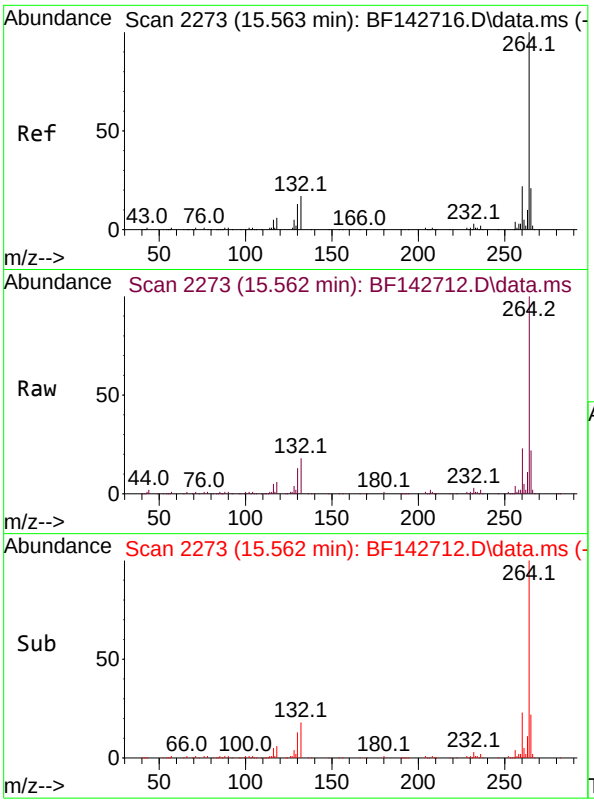
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	10.4



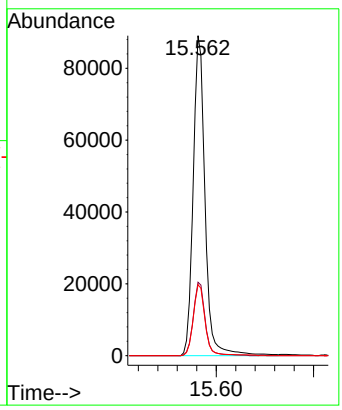


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

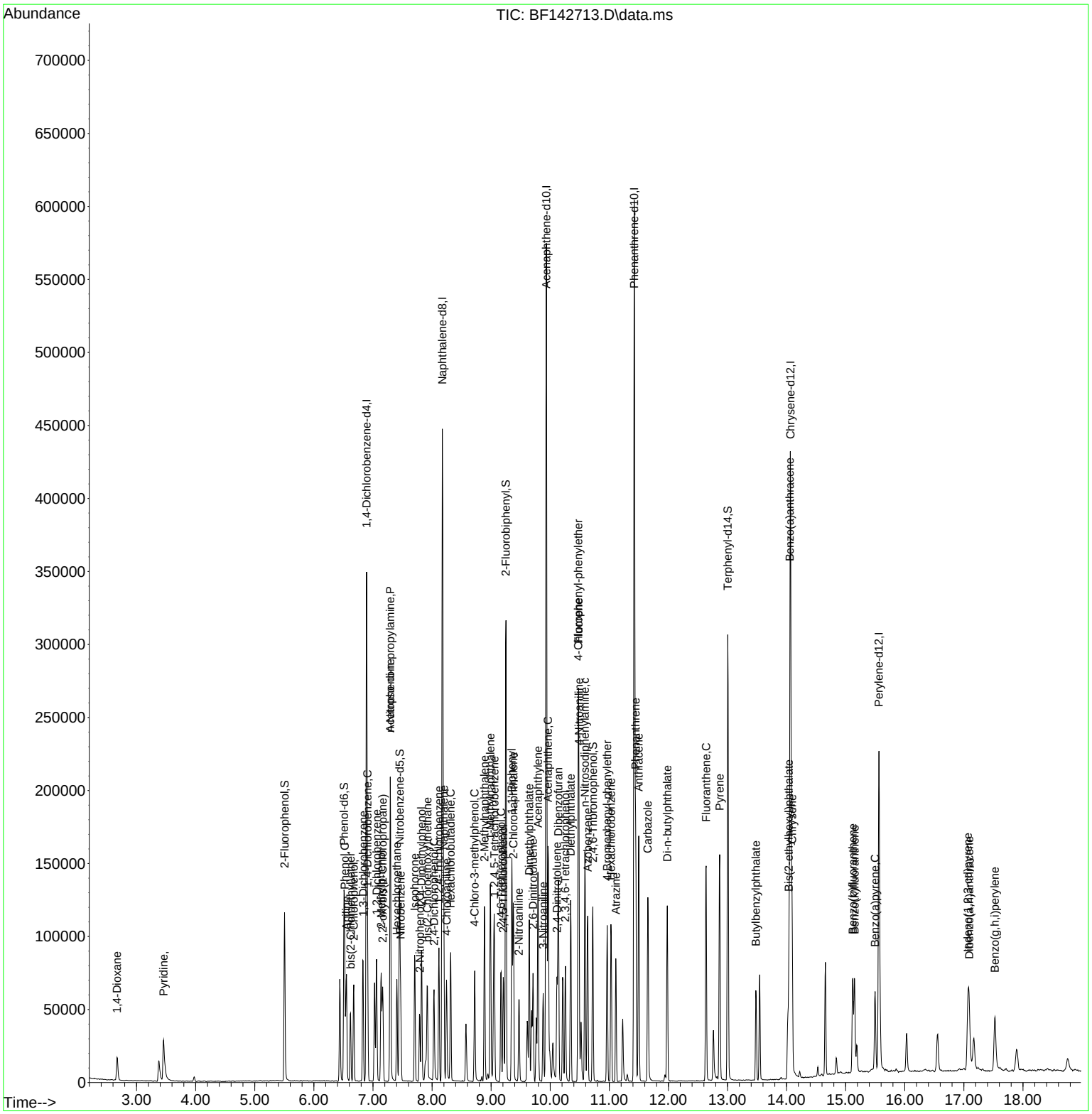
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.963	154	54383	5.359	ng		99
53) 3-Nitroaniline	9.881	138	14348	5.141	ng		99
55) Dibenzofuran	10.139	168	79673	5.471	ng		99
57) 2,4-Dinitrotoluene	10.116	165	17009	5.094	ng		96
58) Fluorene	10.481	166	66464	5.719	ng		99
59) 2,3,4,6-Tetrachlorophenol	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

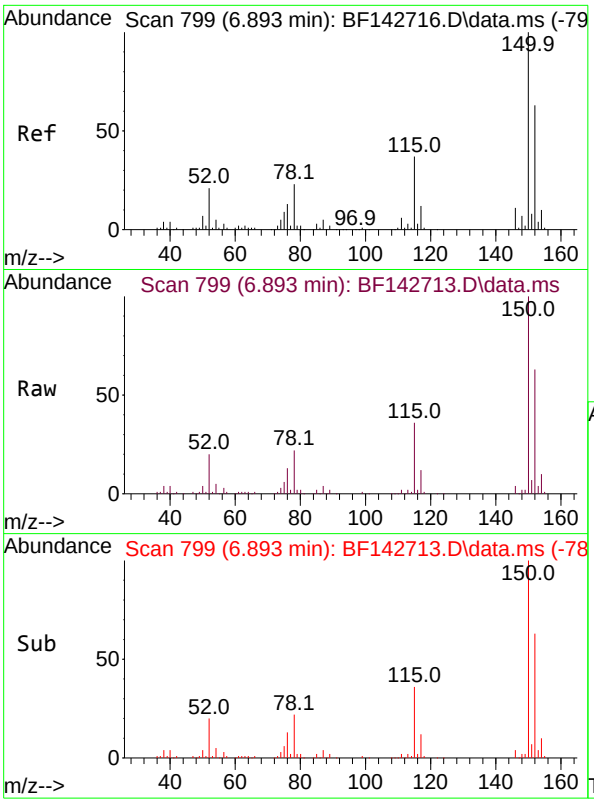
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



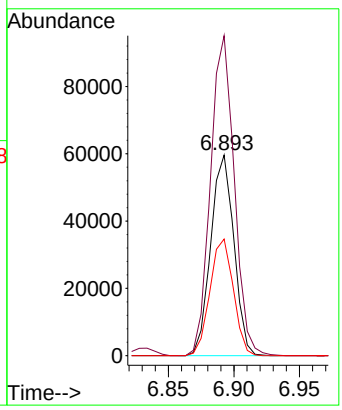


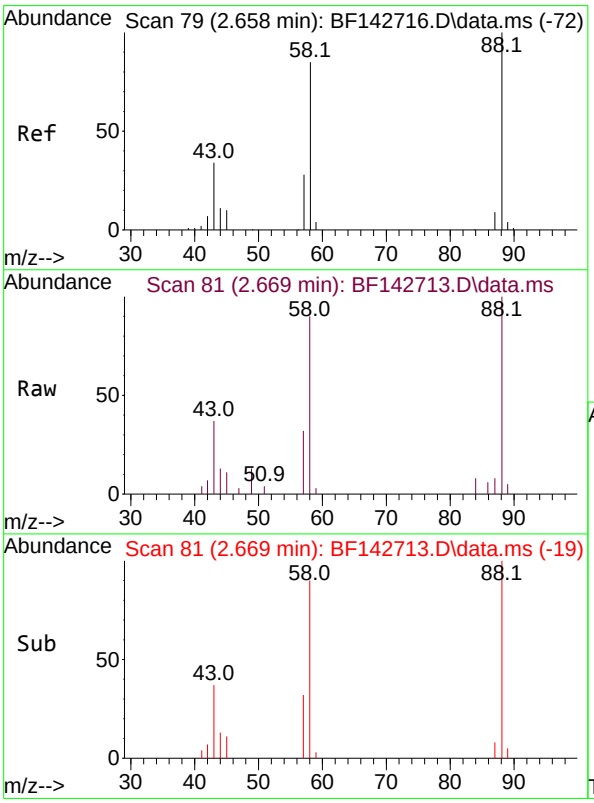
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

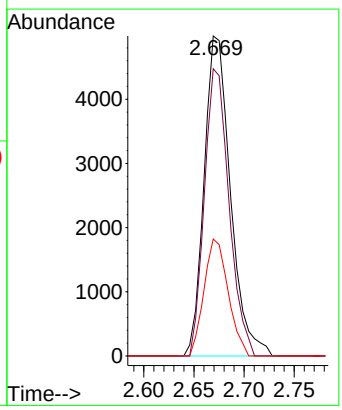


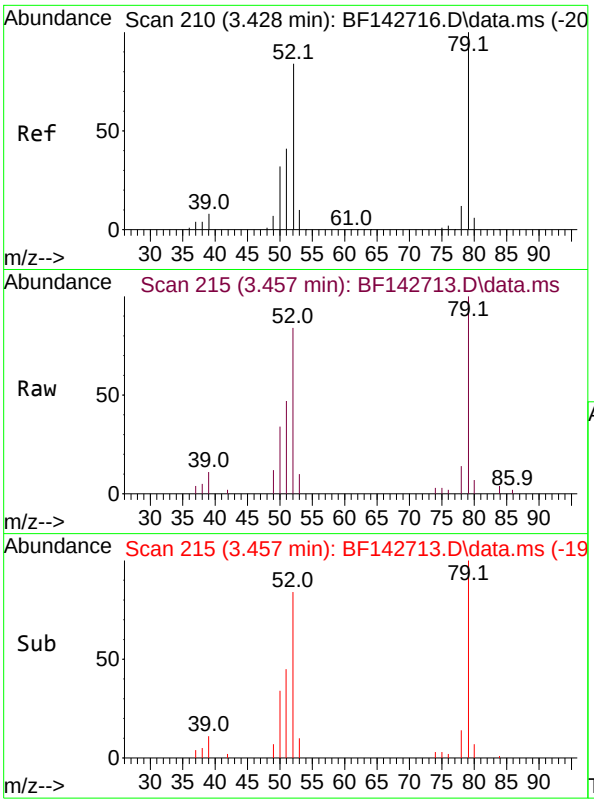


#2
1,4-Dioxane
Concen: 5.514 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



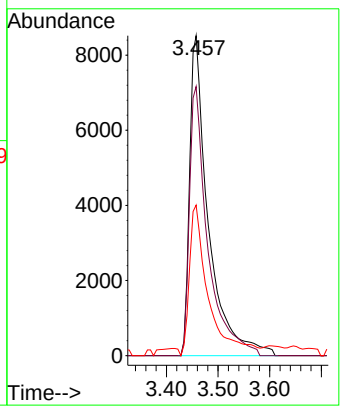


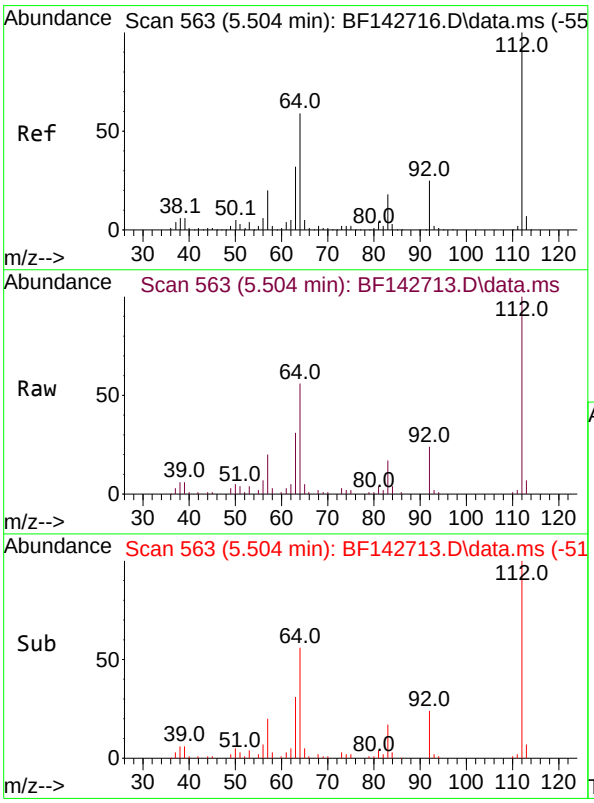
#3
Pyridine
Concen: 5.033 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

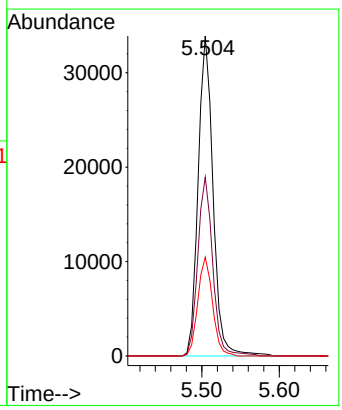


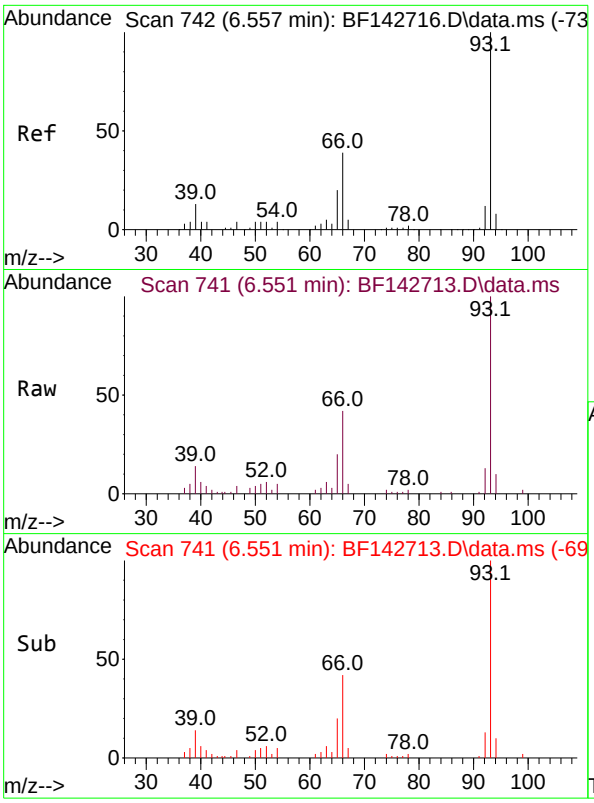


#5
2-Fluorophenol
Concen: 10.485 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



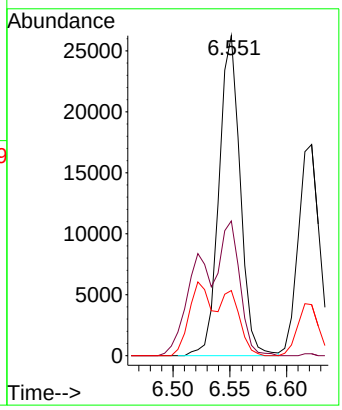


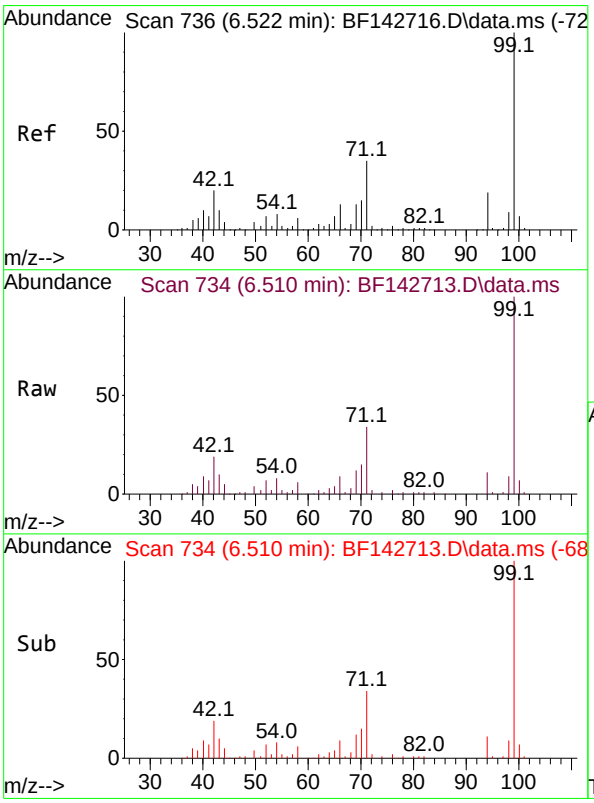
#6
Aniline
Concen: 5.033 ng
RT: 6.551 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

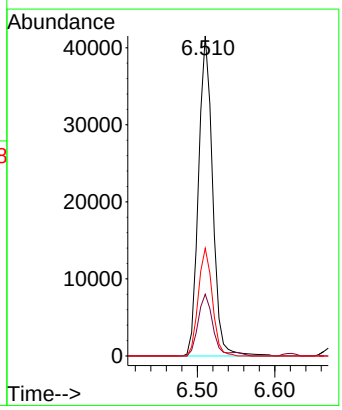


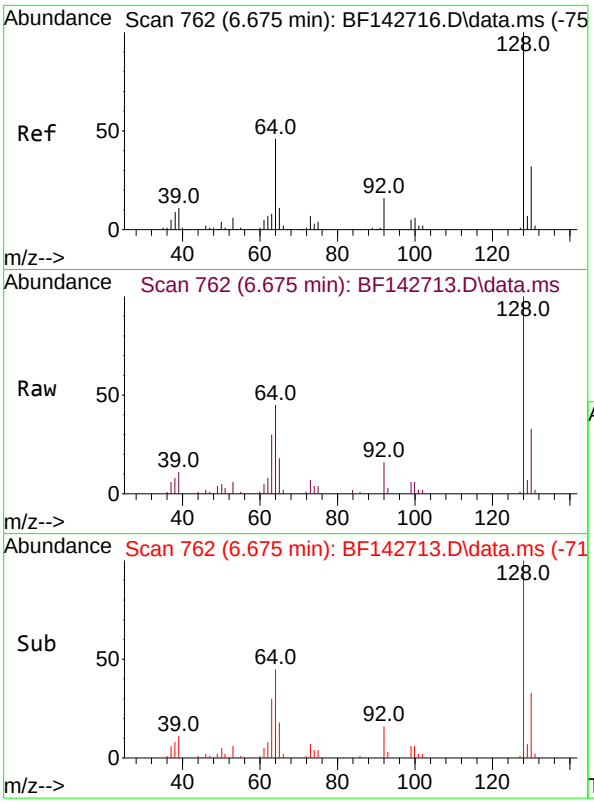


#7
Phenol-d6
Concen: 10.388 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



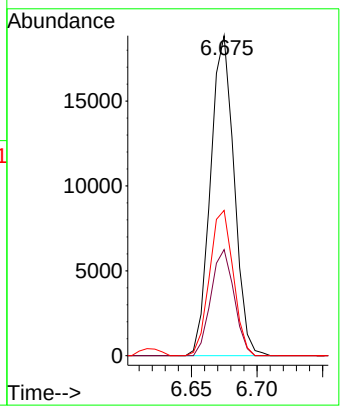


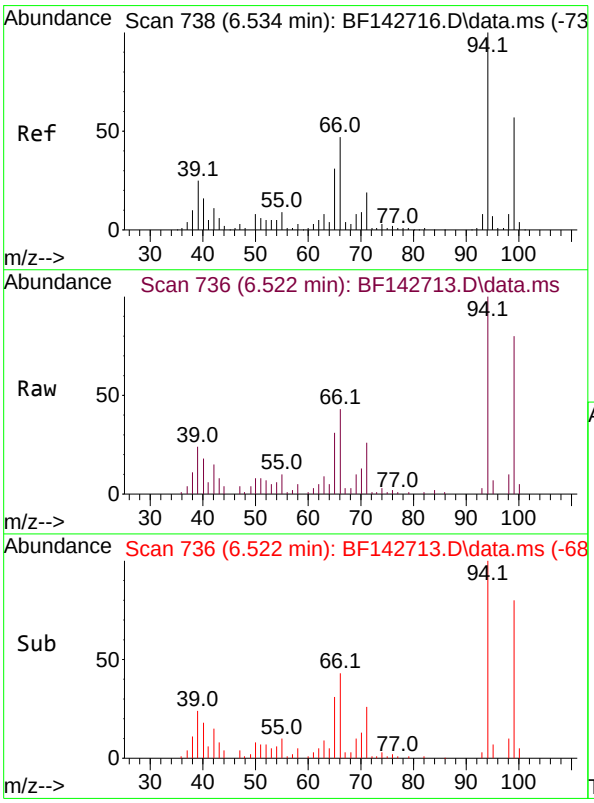
#8
2-Chlorophenol
Concen: 4.989 ng
RT: 6.675 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

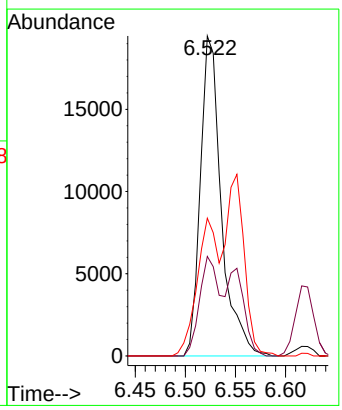


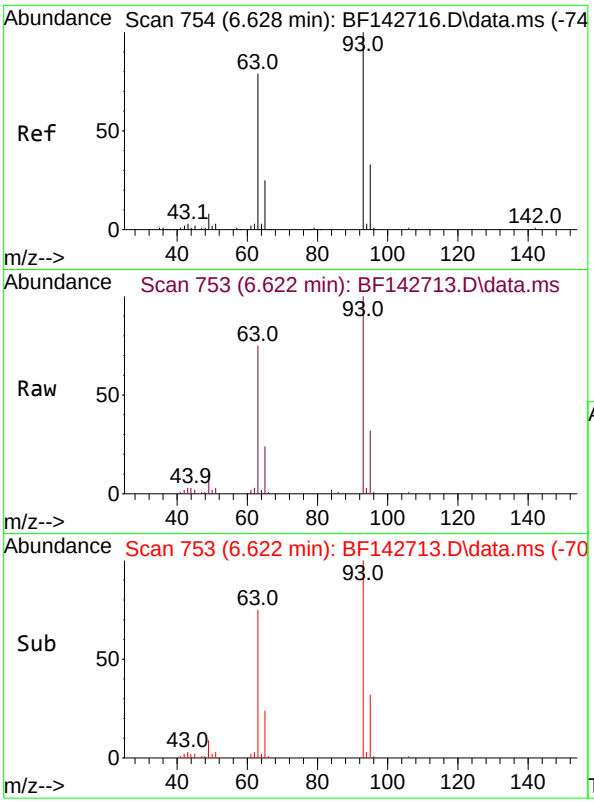


#10
Phenol
Concen: 5.028 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



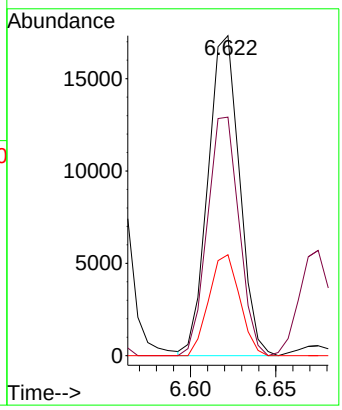


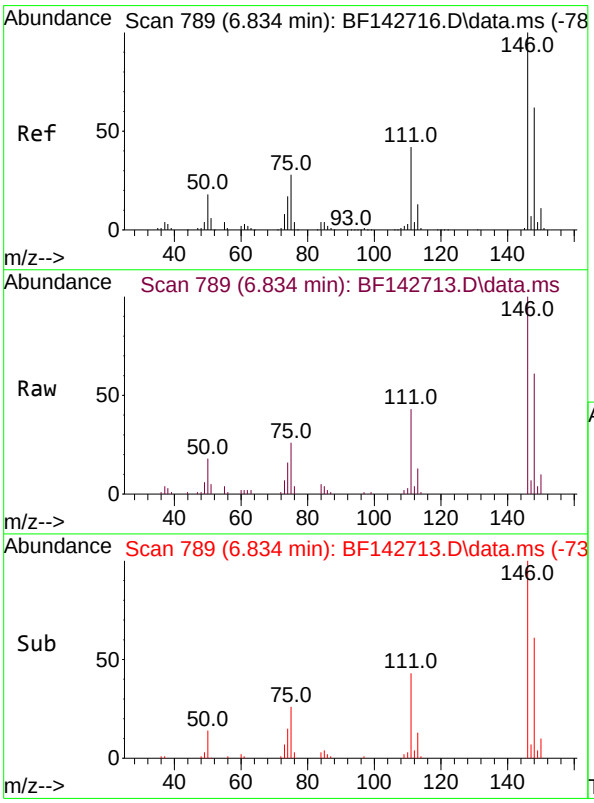
#11
bis(2-Chloroethyl)ether
Concen: 5.410 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

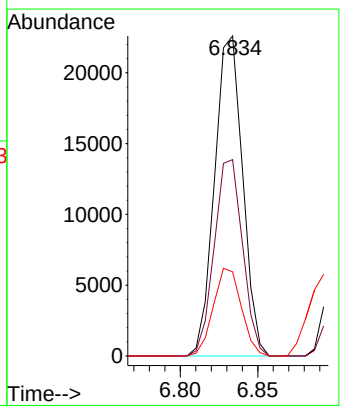


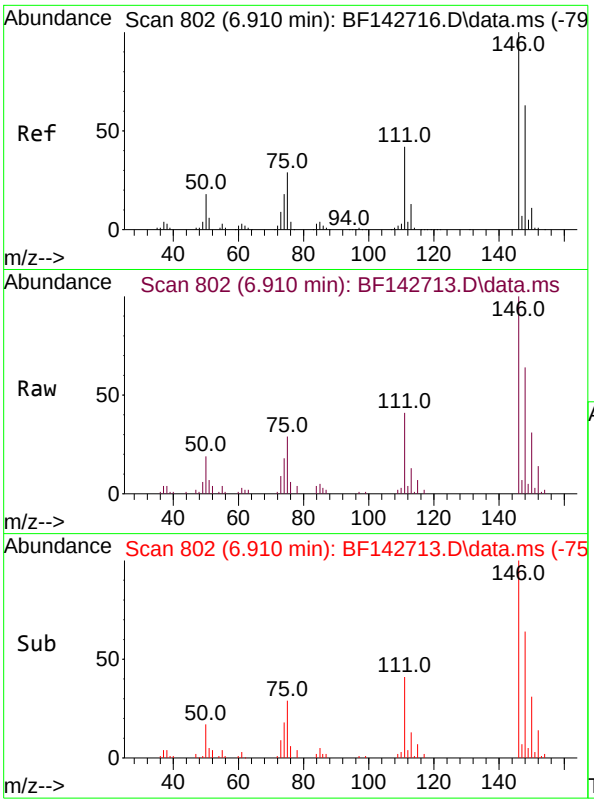


#12
1,3-Dichlorobenzene
Concen: 5.388 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



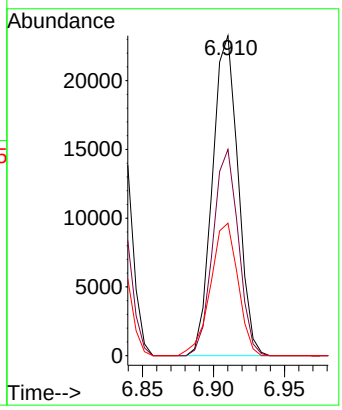


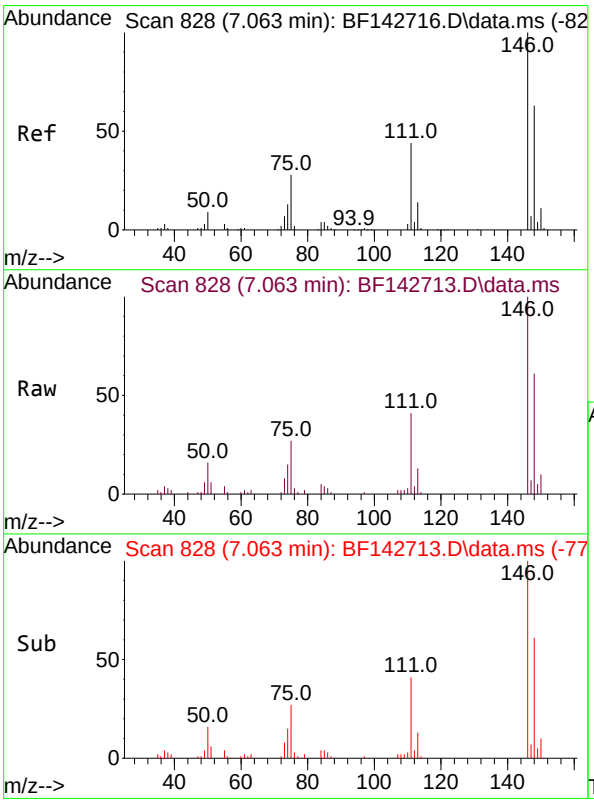
#13
1,4-Dichlorobenzene
Concen: 5.422 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

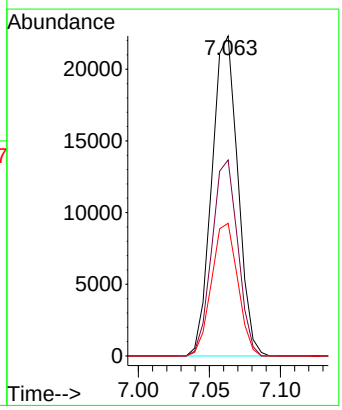


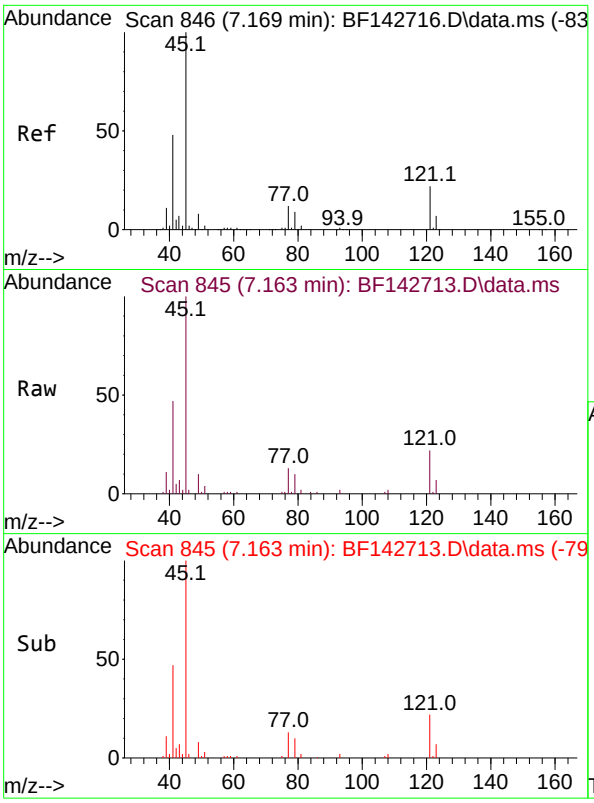


#14
1,2-Dichlorobenzene
Concen: 5.535 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



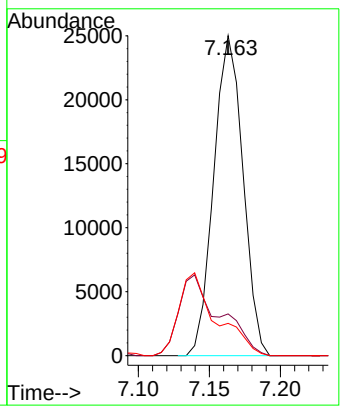


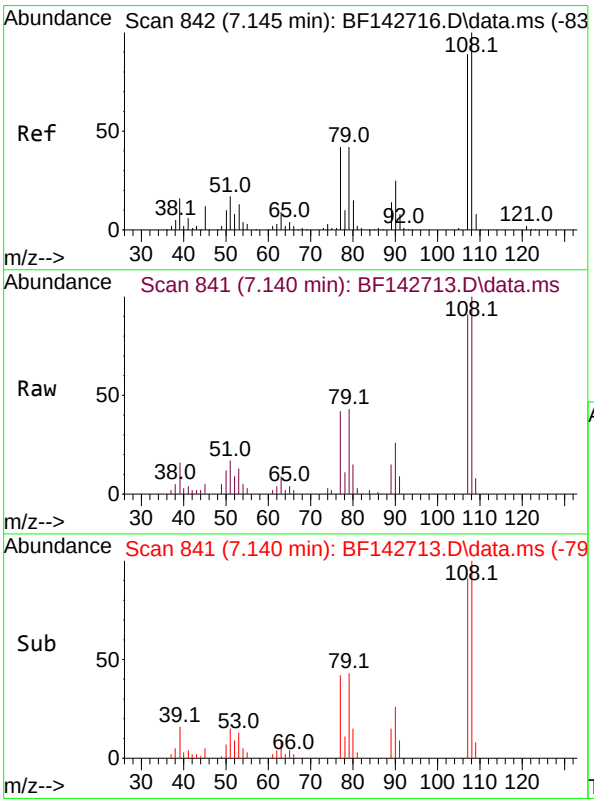
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.355 ng
RT: 7.163 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

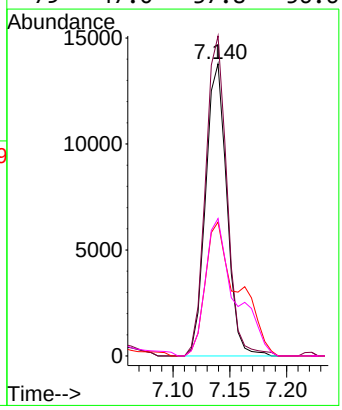


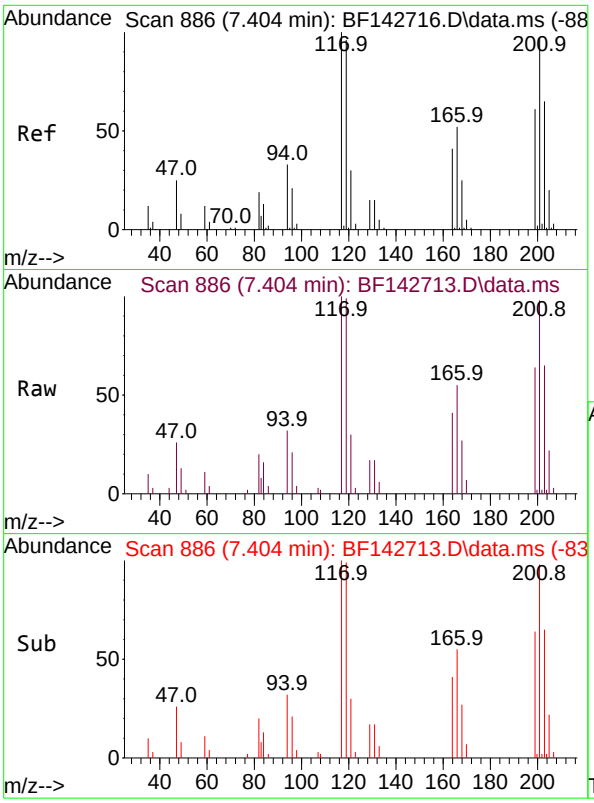


#17
2-Methylphenol
Concen: 4.966 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



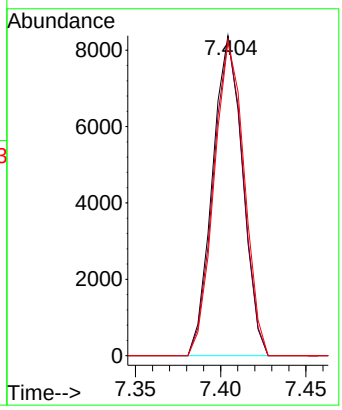


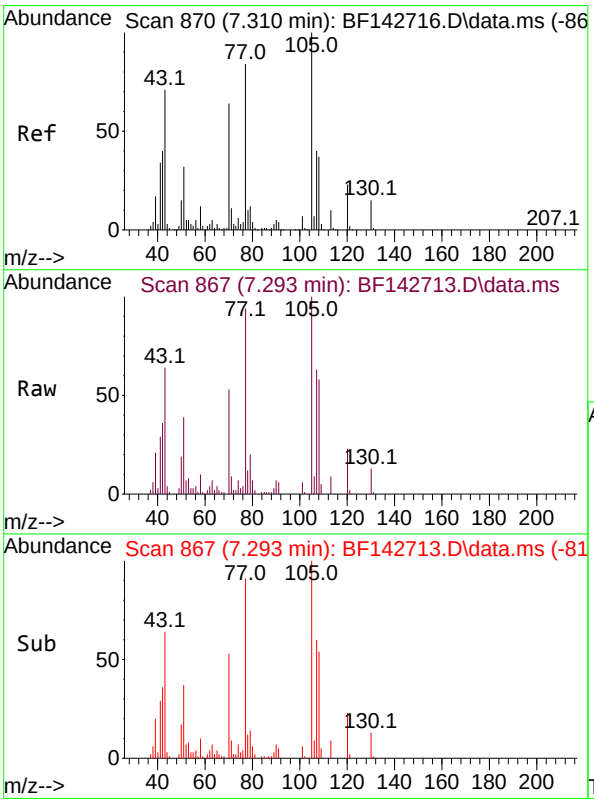
#18
Hexachloroethane
Concen: 5.503 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

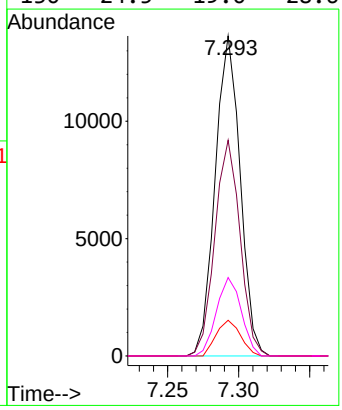


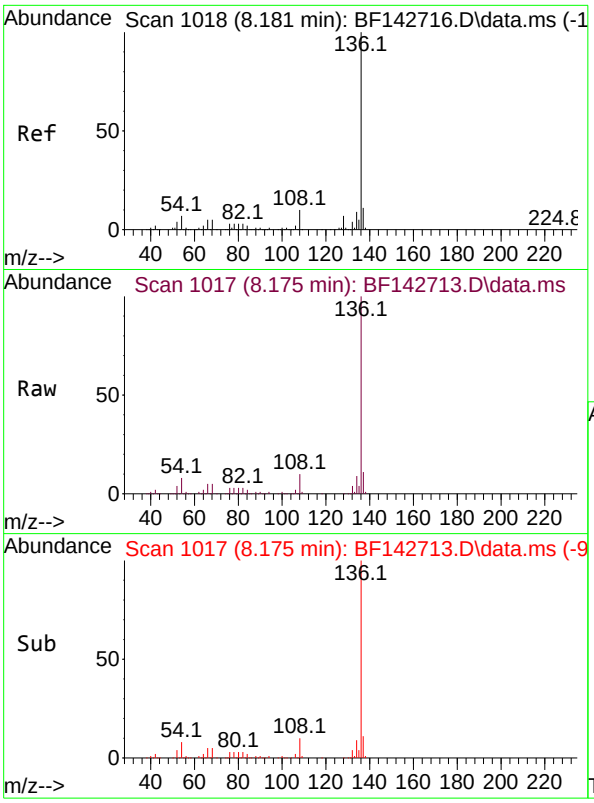


#19
n-Nitroso-di-n-propylamine
Concen: 5.585 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



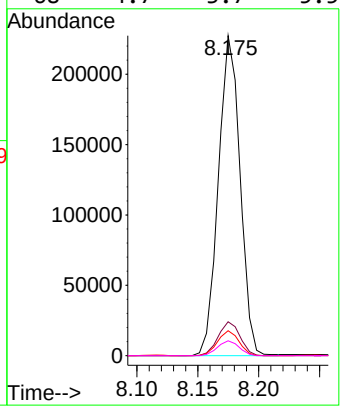


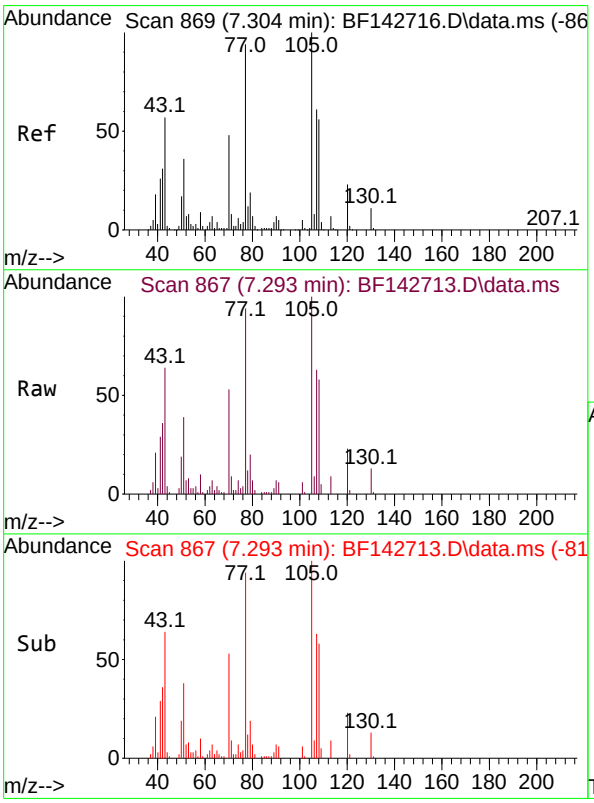
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

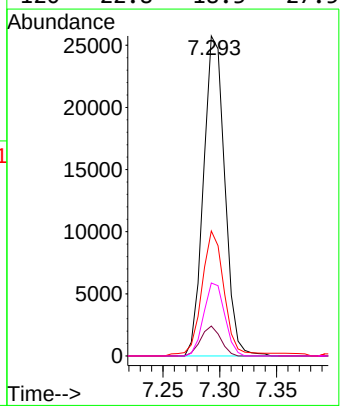


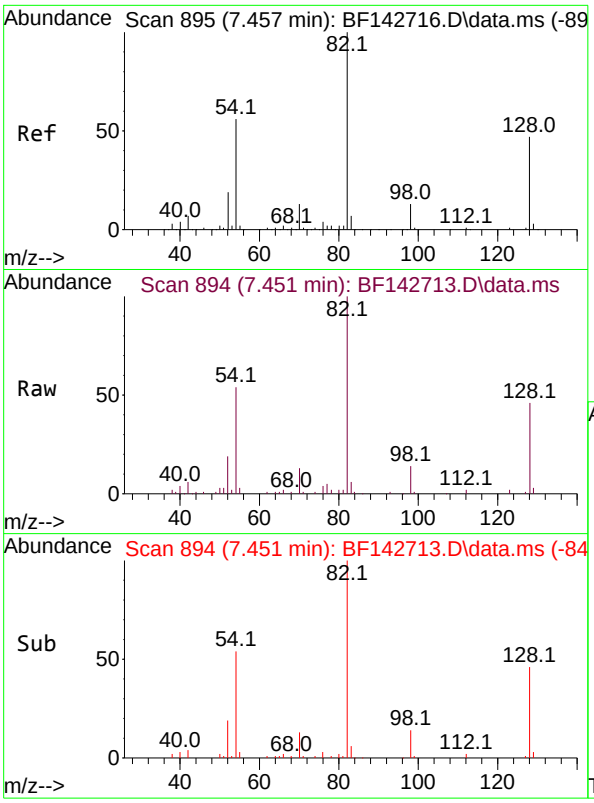


#22
Acetophenone
Concen: 5.425 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



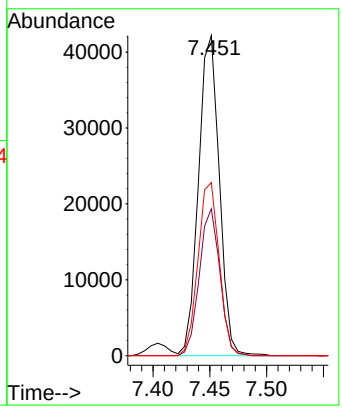


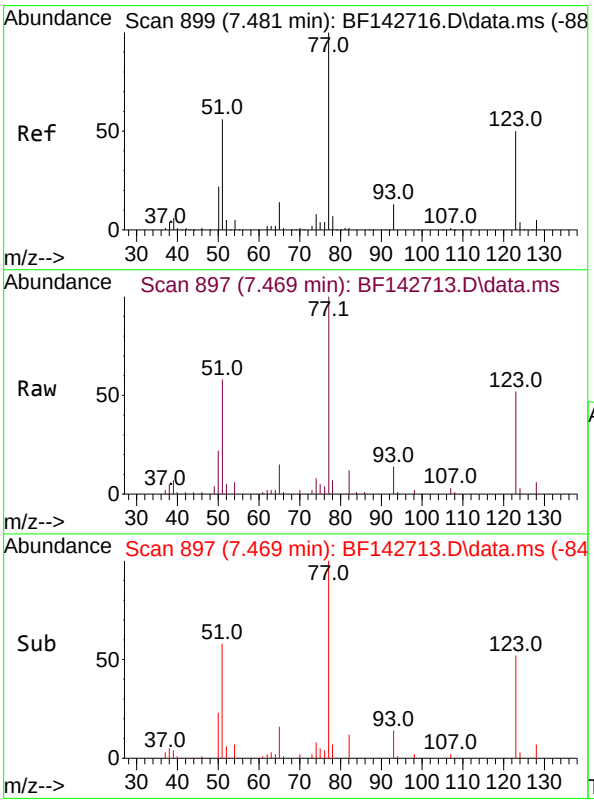
#23
Nitrobenzene-d5
Concen: 10.444 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

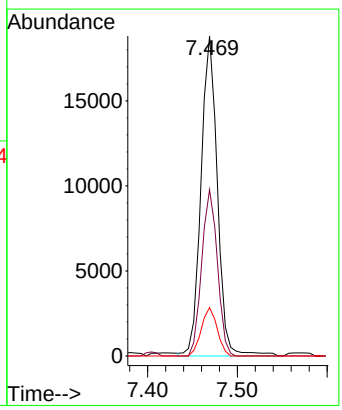


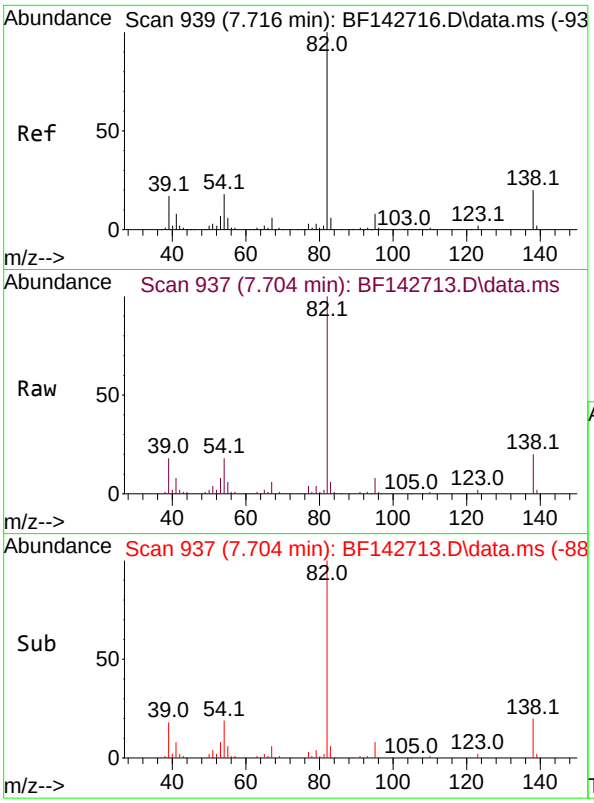


#24
Nitrobenzene
Concen: 5.151 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



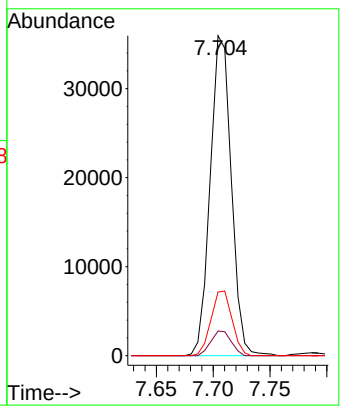


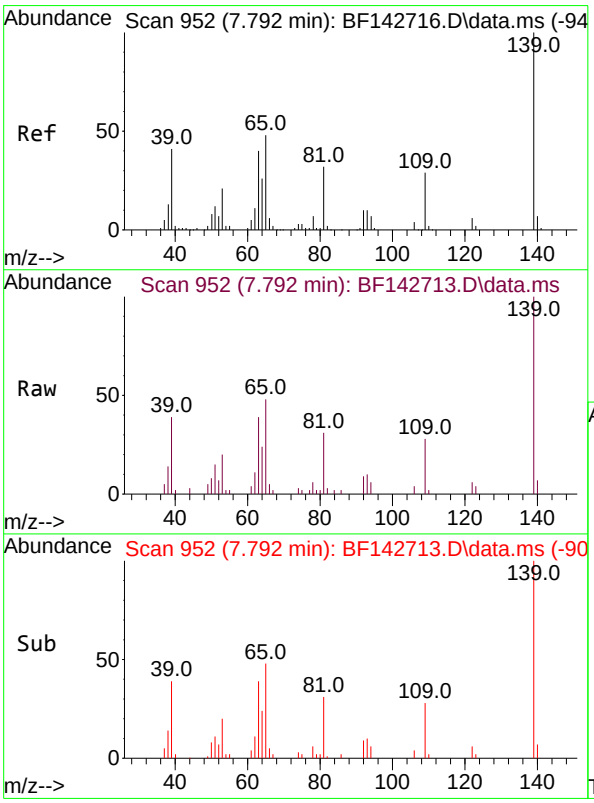
#25
Isophorone
Concen: 5.508 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

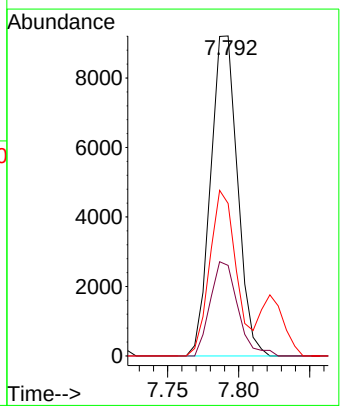


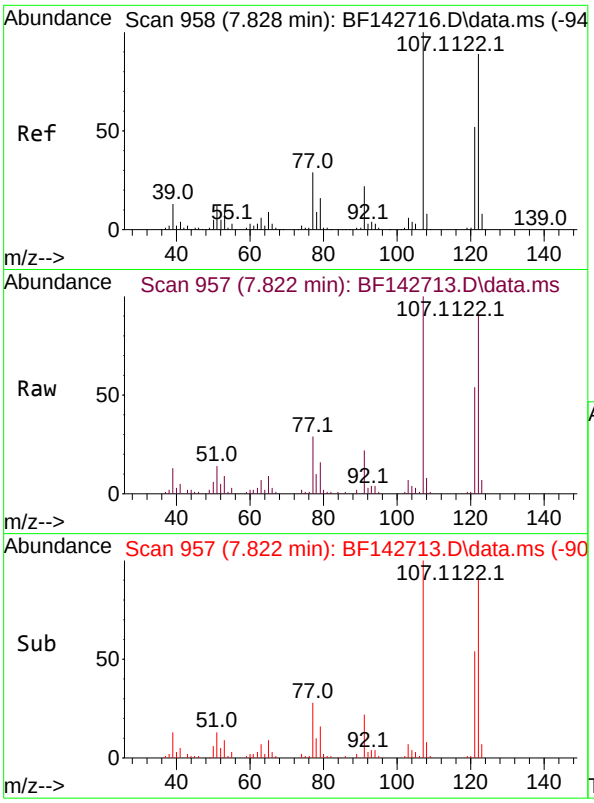


#26
2-Nitrophenol
Concen: 4.757 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



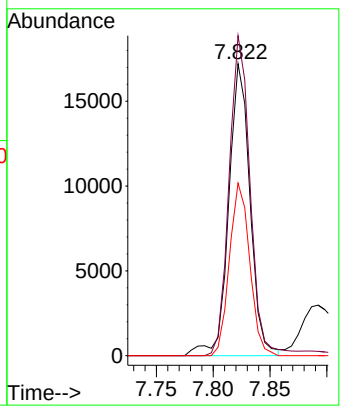


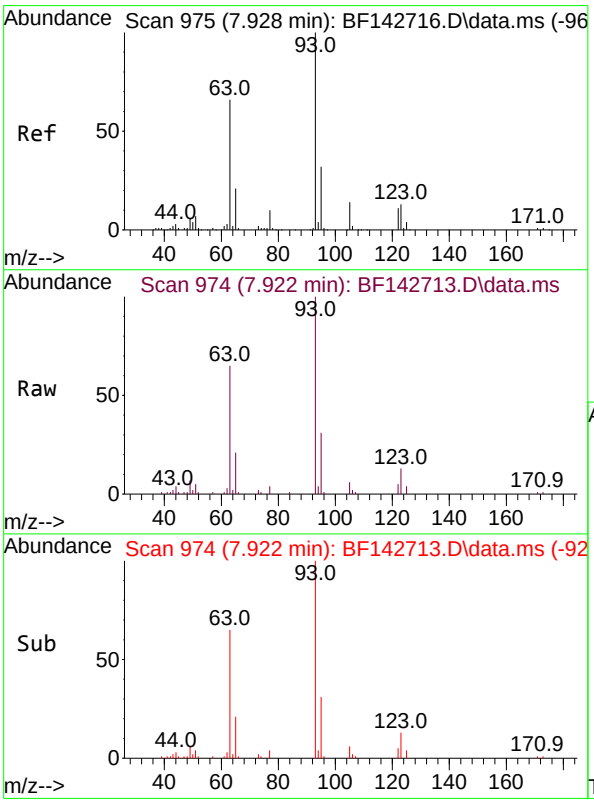
#27
2,4-Dimethylphenol
Concen: 5.154 ng
RT: 7.822 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

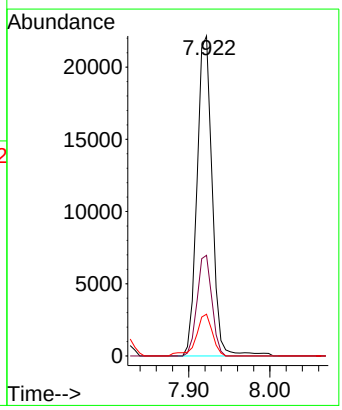


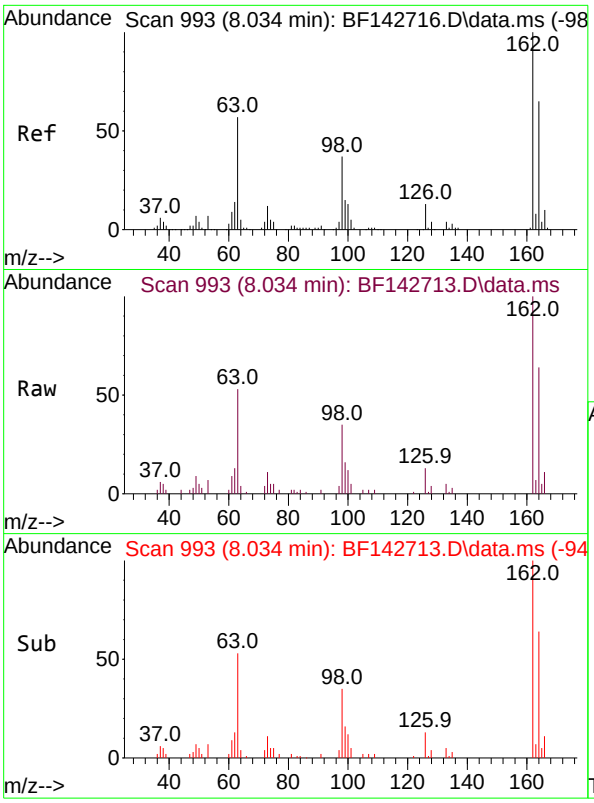


#28
bis(2-Chloroethoxy)methane
Concen: 5.495 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



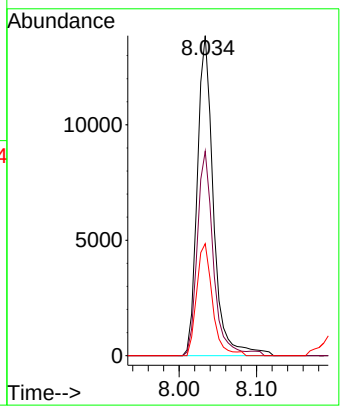


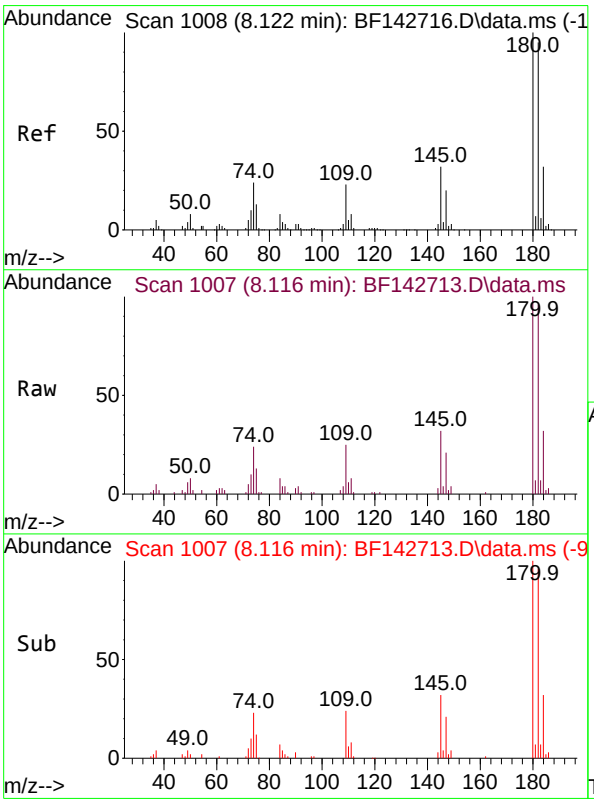
#29
2,4-Dichlorophenol
Concen: 5.067 ng
RT: 8.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

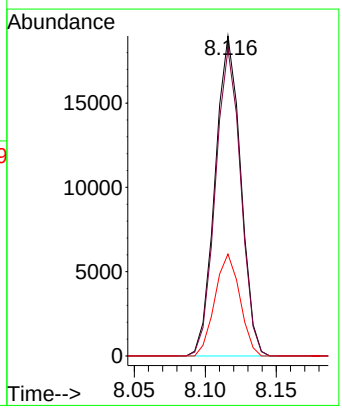


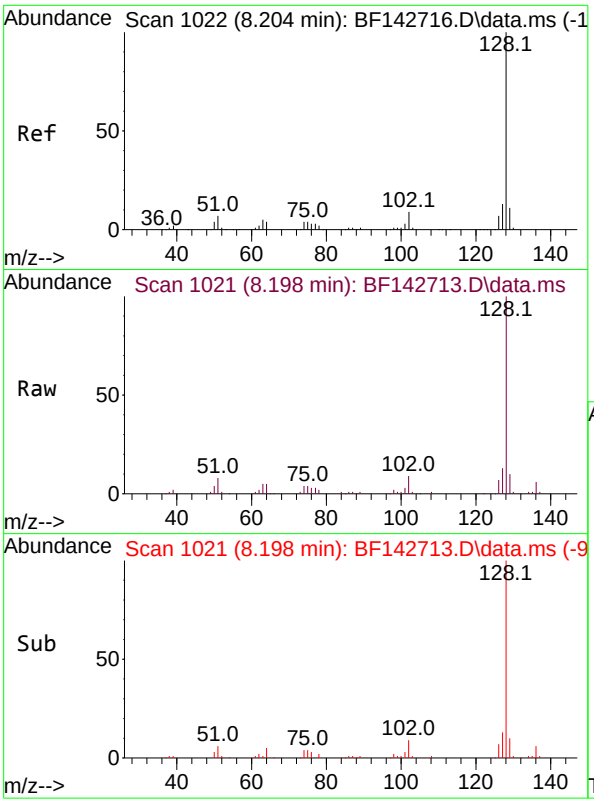


#30
1,2,4-Trichlorobenzene
Concen: 5.446 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



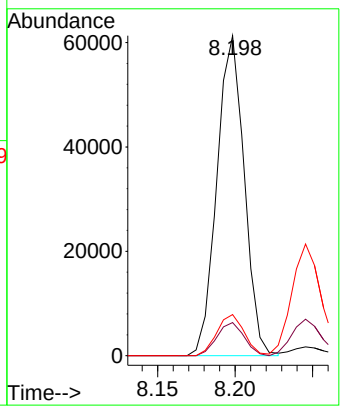


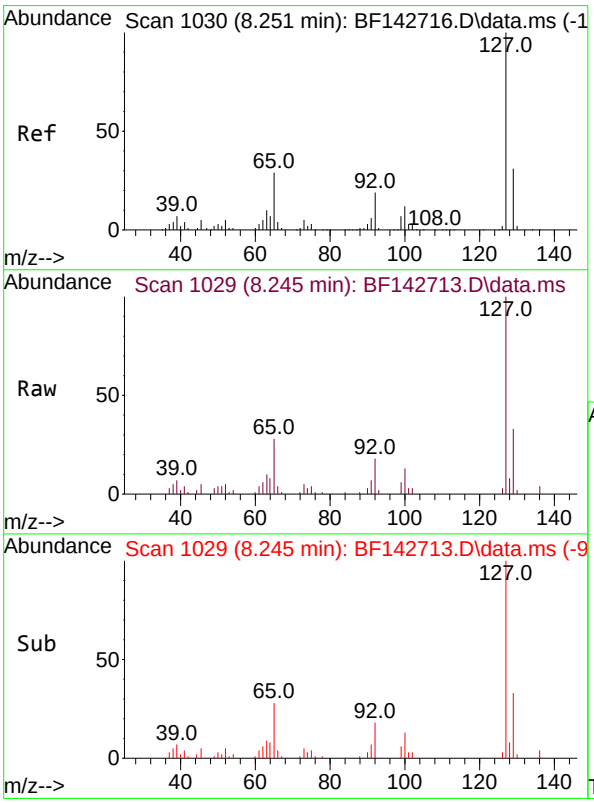
#31
Naphthalene
Concen: 5.400 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

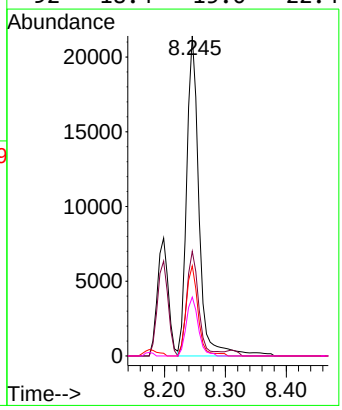


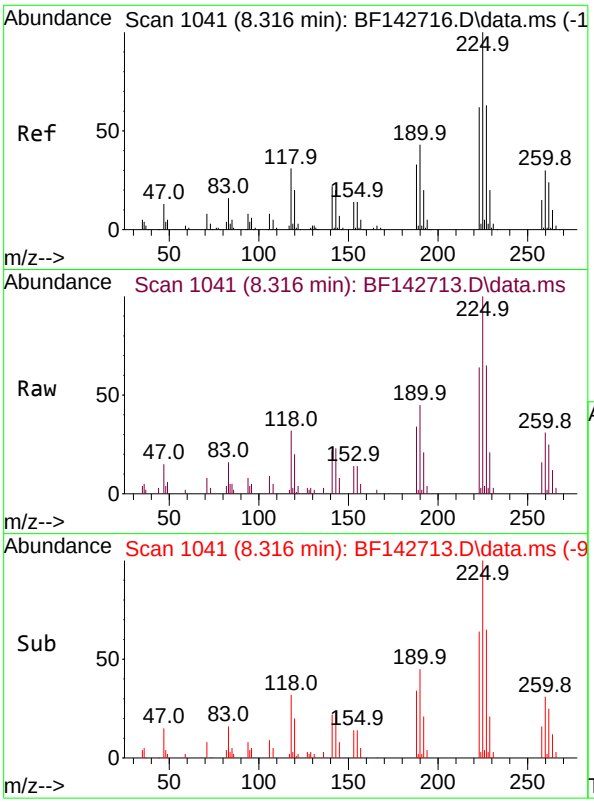


#33
4-Chloroaniline
Concen: 5.302 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



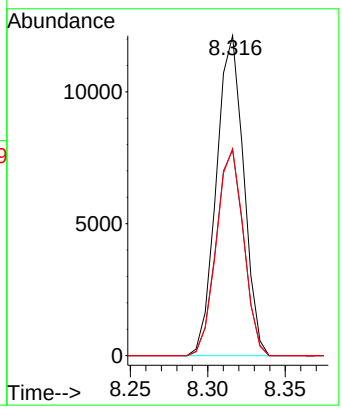


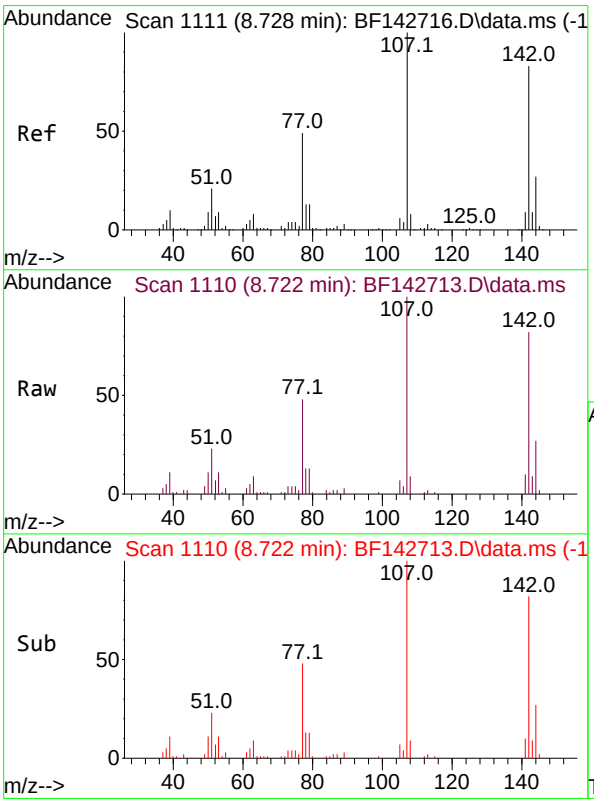
#34
Hexachlorobutadiene
Concen: 5.491 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

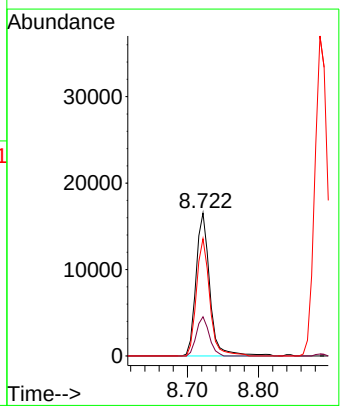


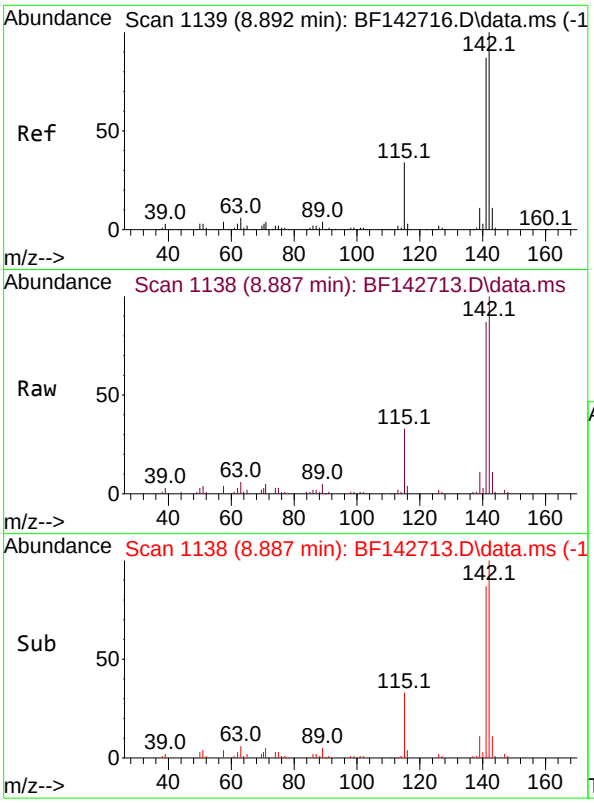


#36
4-Chloro-3-methylphenol
Concen: 5.387 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



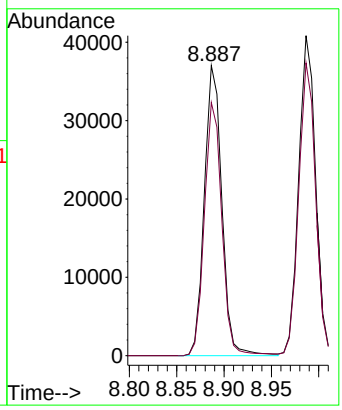


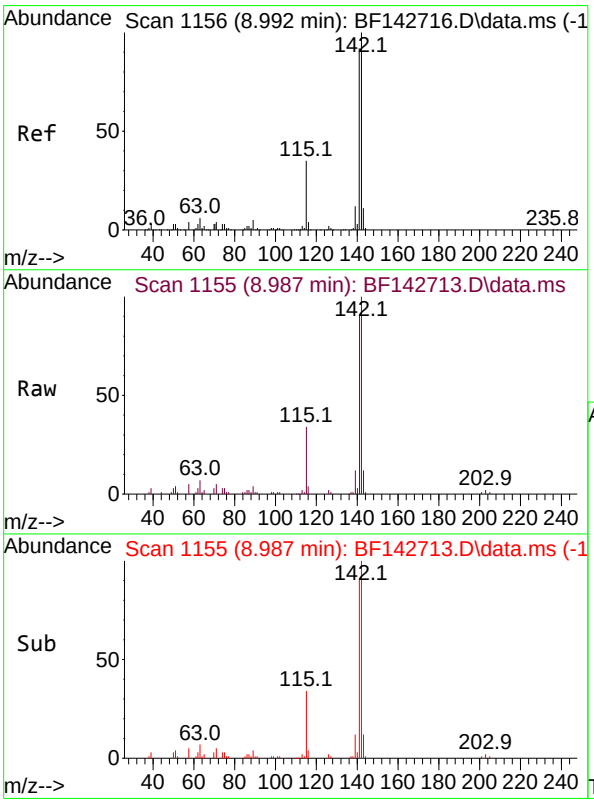
#37
2-Methylnaphthalene
Concen: 5.368 ng
RT: 8.887 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 47648

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

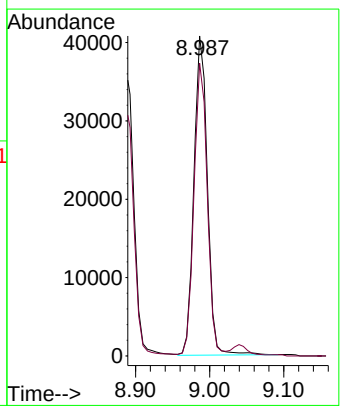


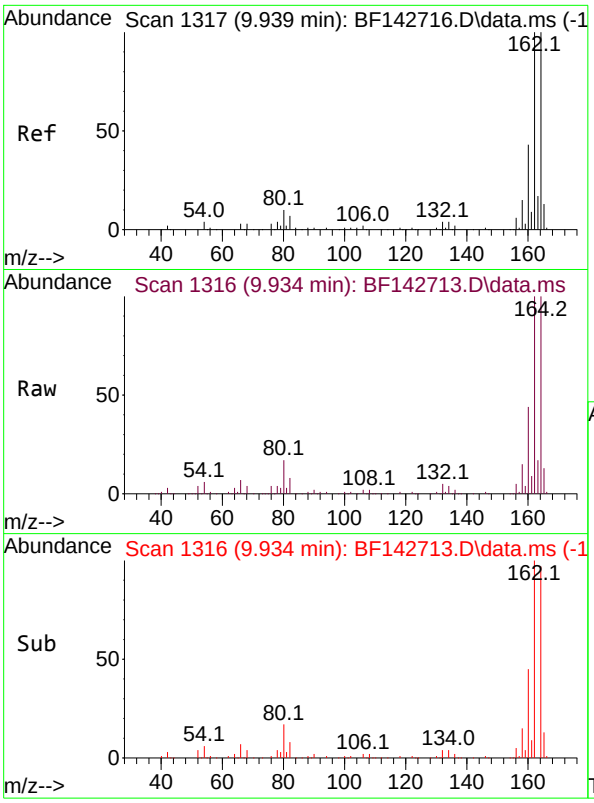


#38
1-Methylnaphthalene
Concen: 5.616 ng
RT: 8.987 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

Tgt Ion:142 Resp: 51391

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3



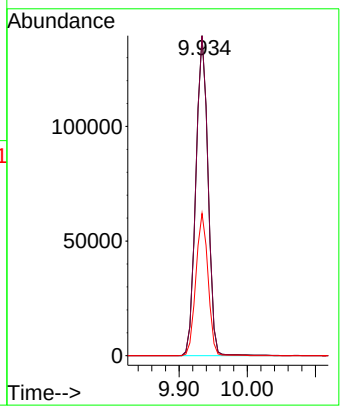


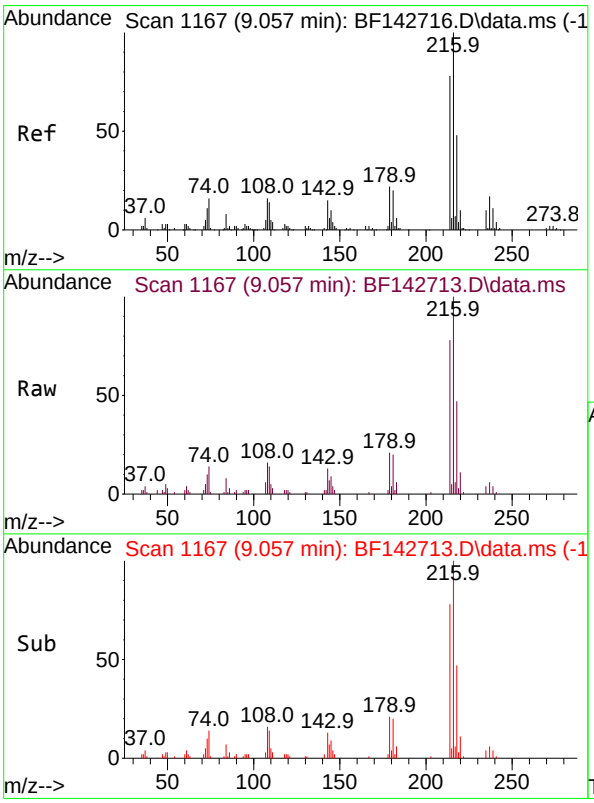
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

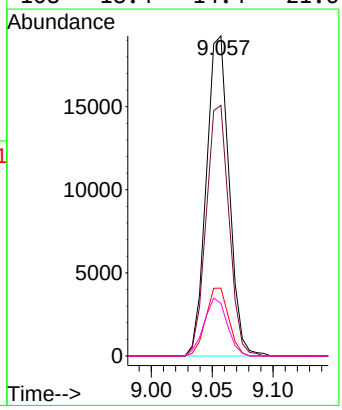


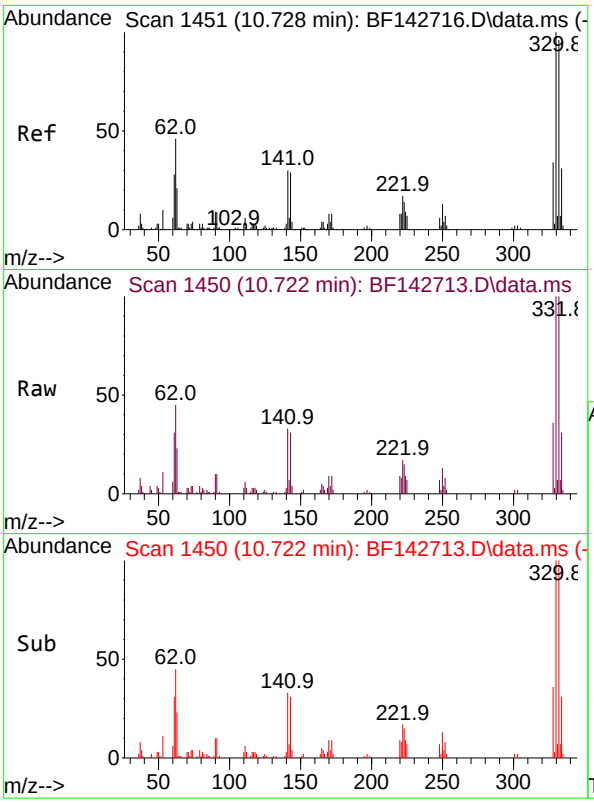


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.027 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



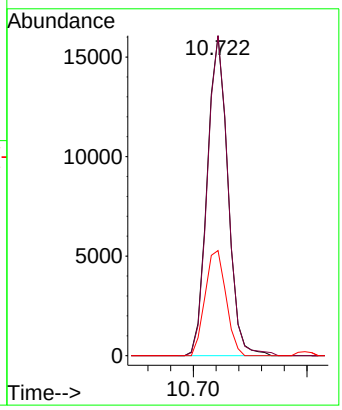


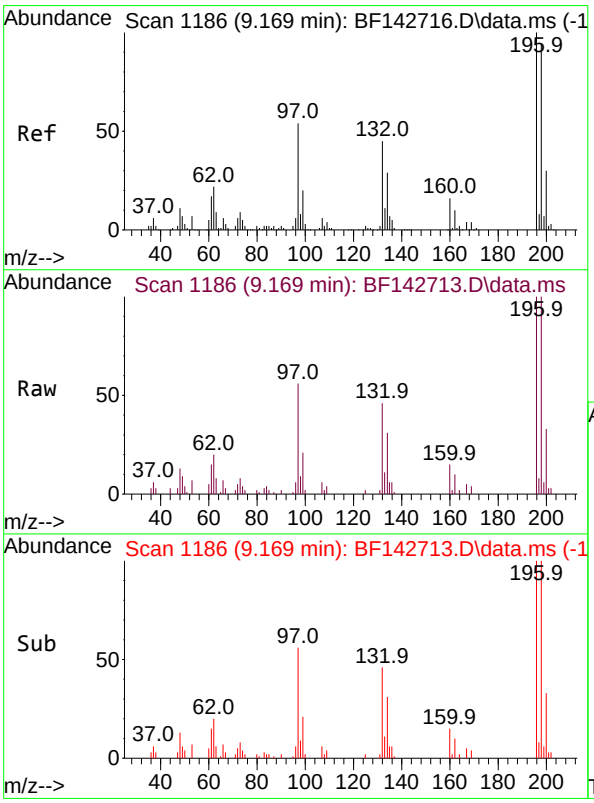
#42
2,4,6-Tribromophenol
Concen: 10.526 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

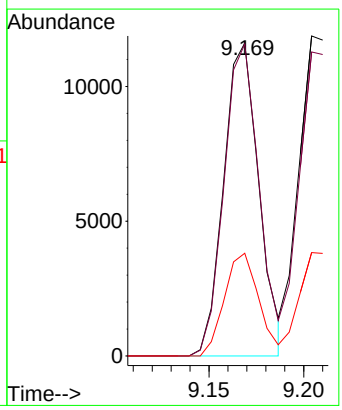


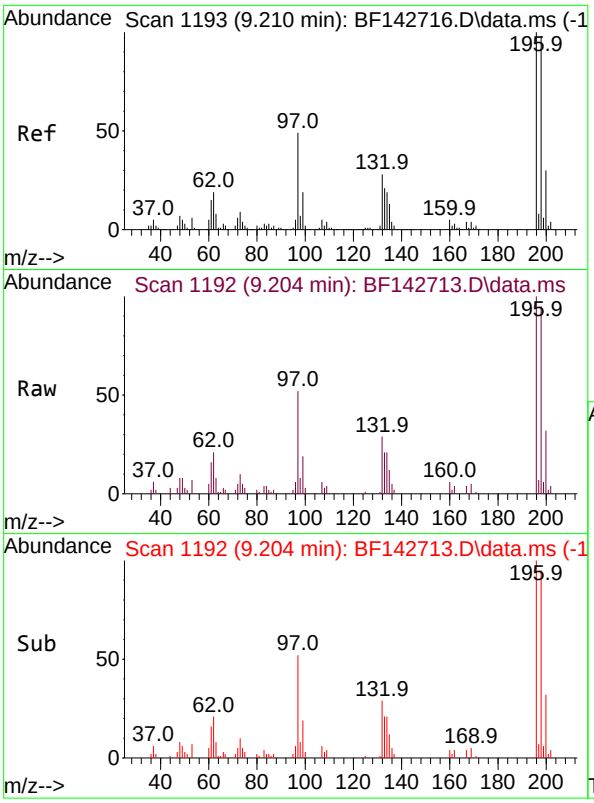


#43
2,4,6-Trichlorophenol
Concen: 4.592 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



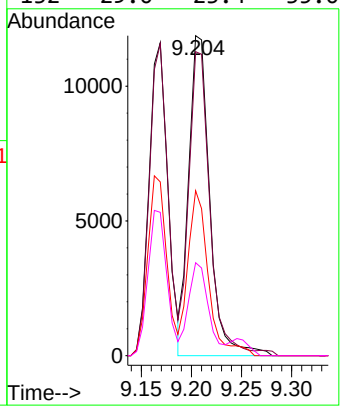


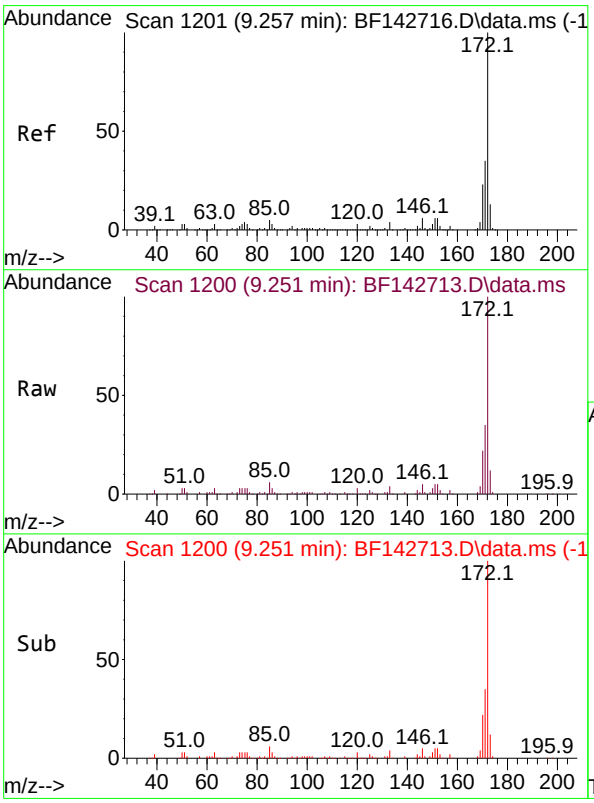
#44
2,4,5-Trichlorophenol
Concen: 4.967 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

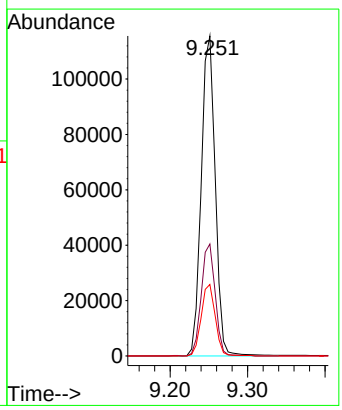


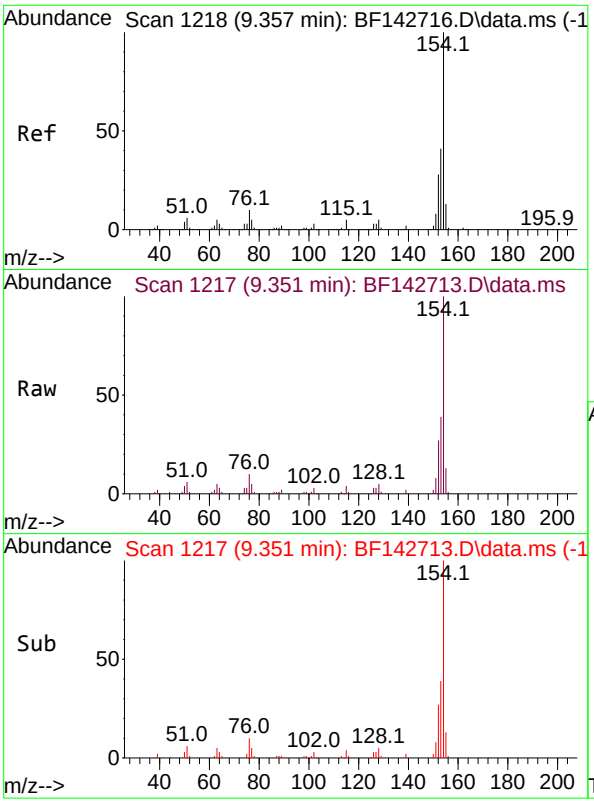


#45
2-Fluorobiphenyl
Concen: 11.472 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



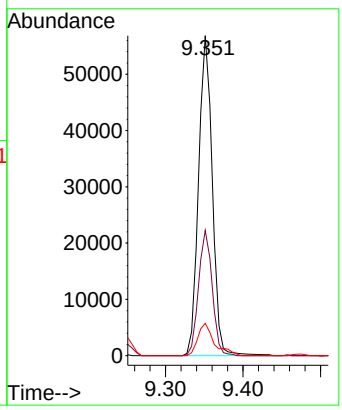


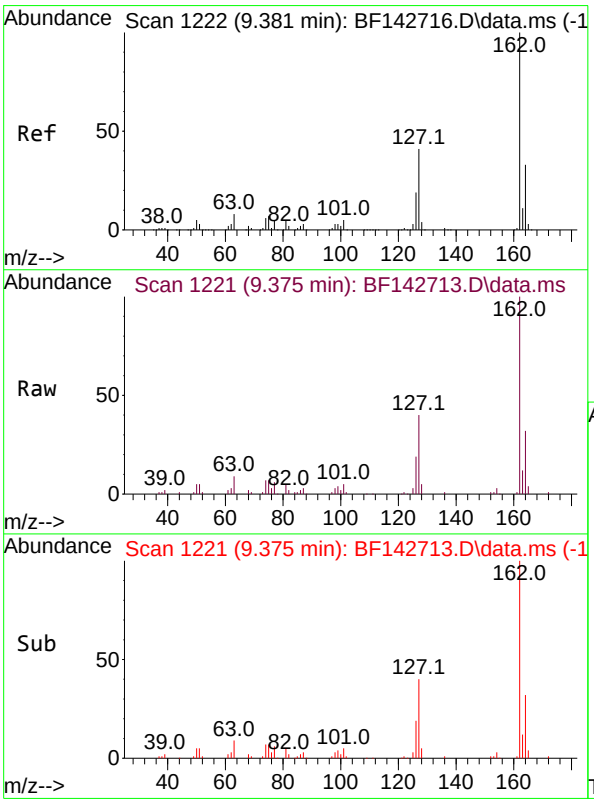
#46
1,1'-Biphenyl
Concen: 5.243 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

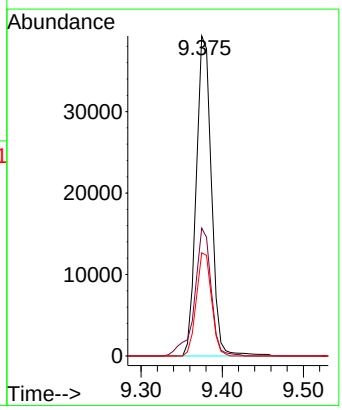


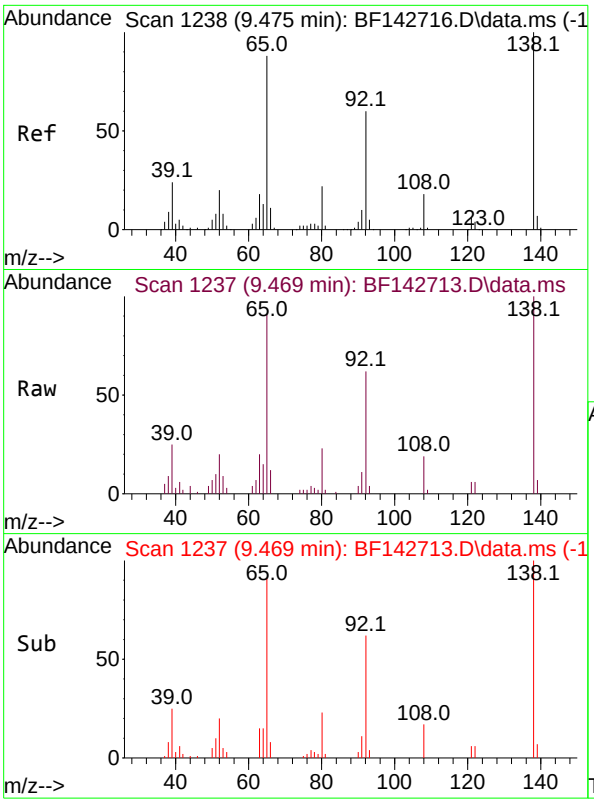


#47
2-Chloronaphthalene
Concen: 5.116 ng
RT: 9.375 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



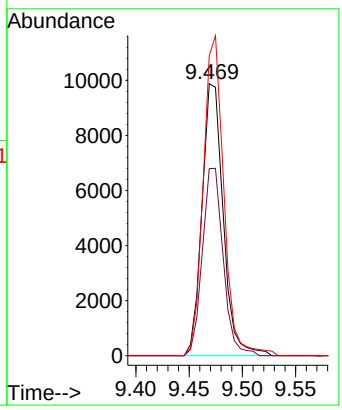


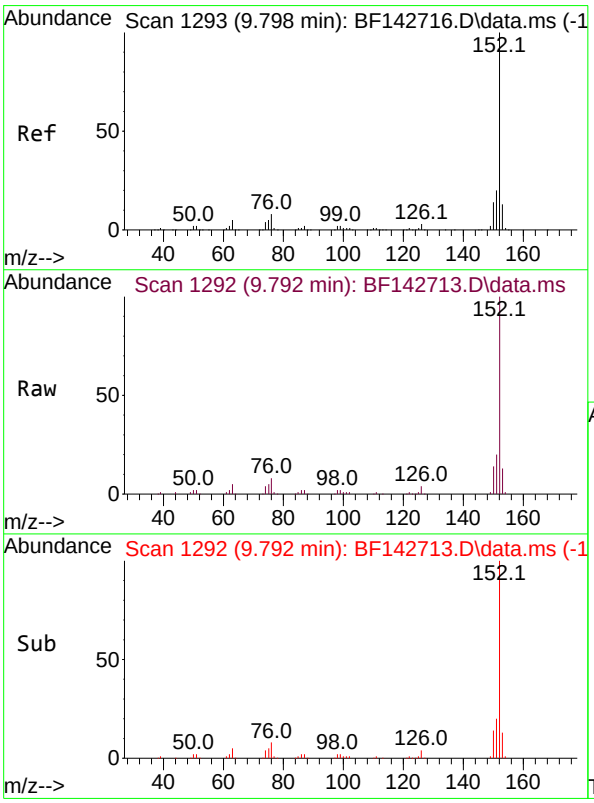
#48
2-Nitroaniline
Concen: 4.657 ng
RT: 9.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

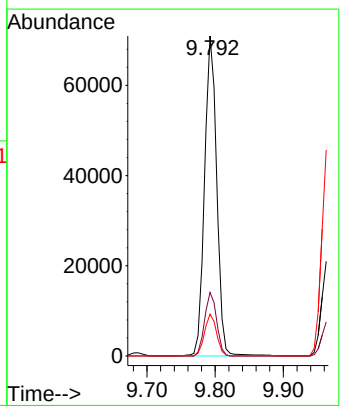


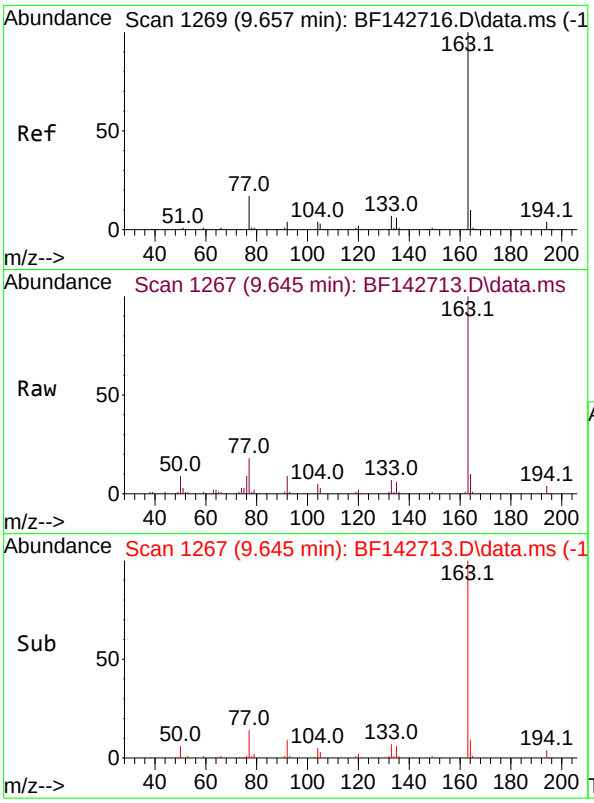


#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.792 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



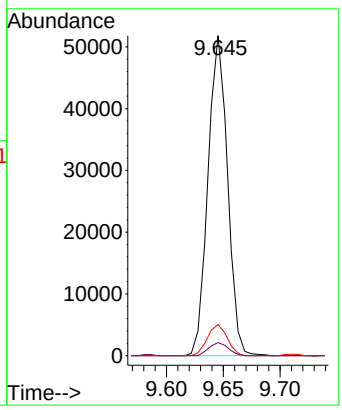


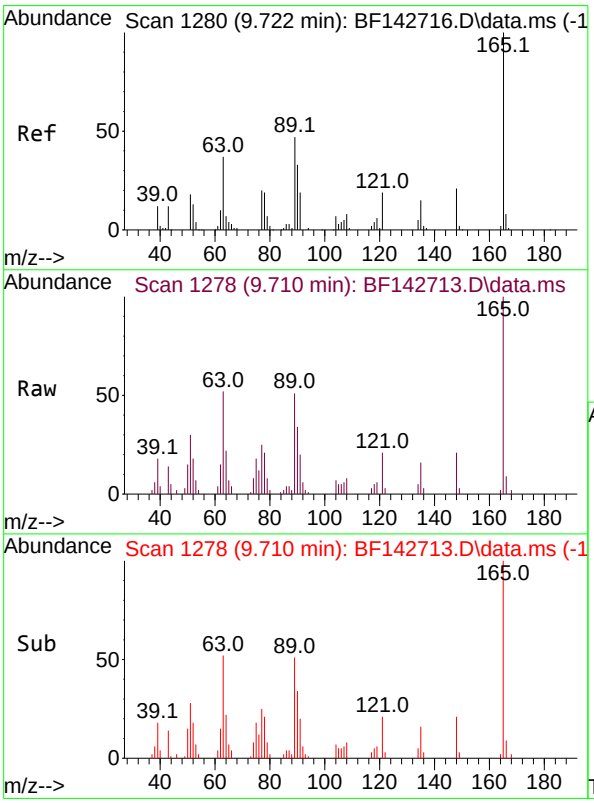
#50
Dimethylphthalate
Concen: 5.367 ng
RT: 9.645 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

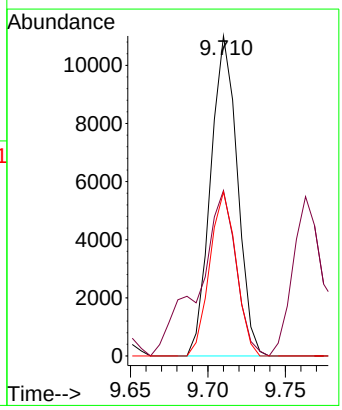


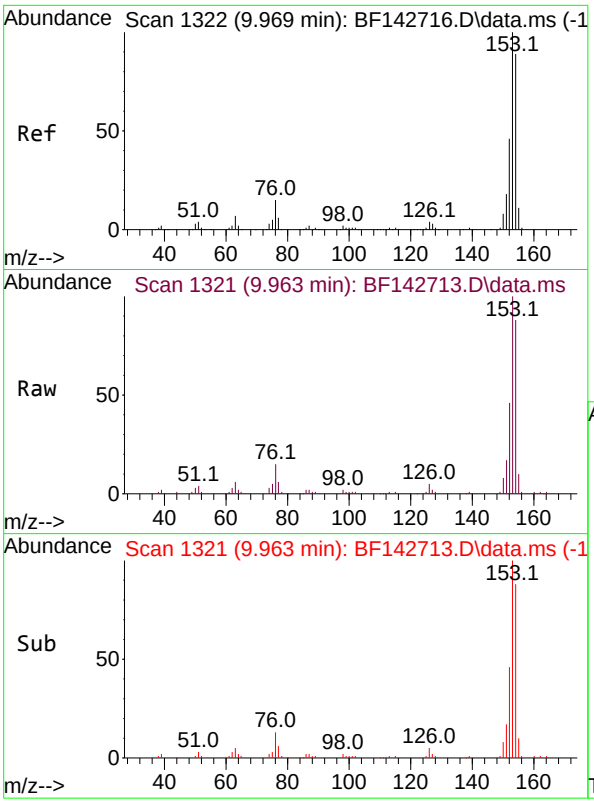


#51
2,6-Dinitrotoluene
Concen: 5.264 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



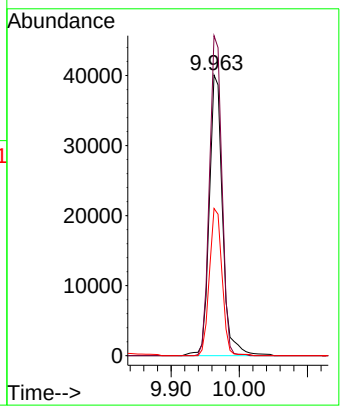


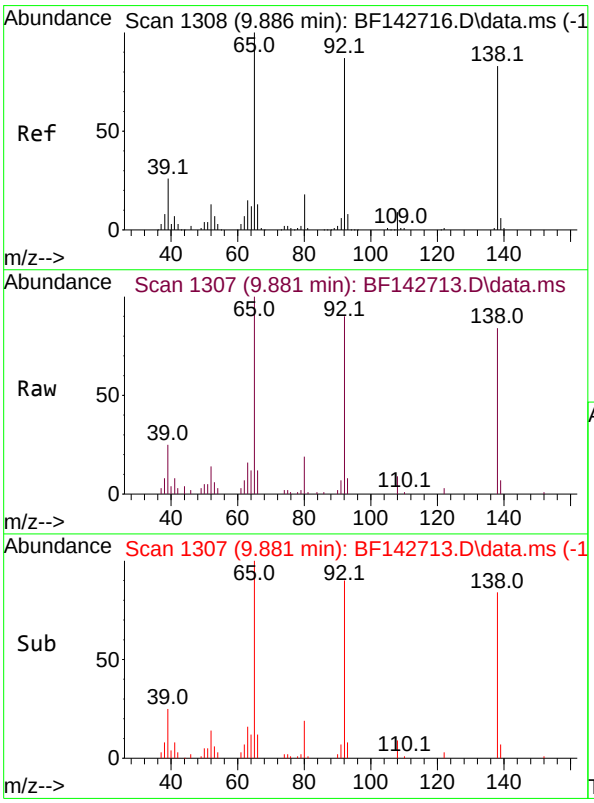
#52
Acenaphthene
Concen: 5.359 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

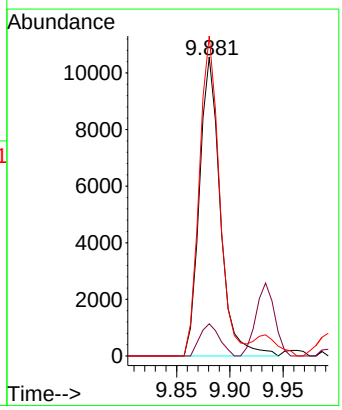


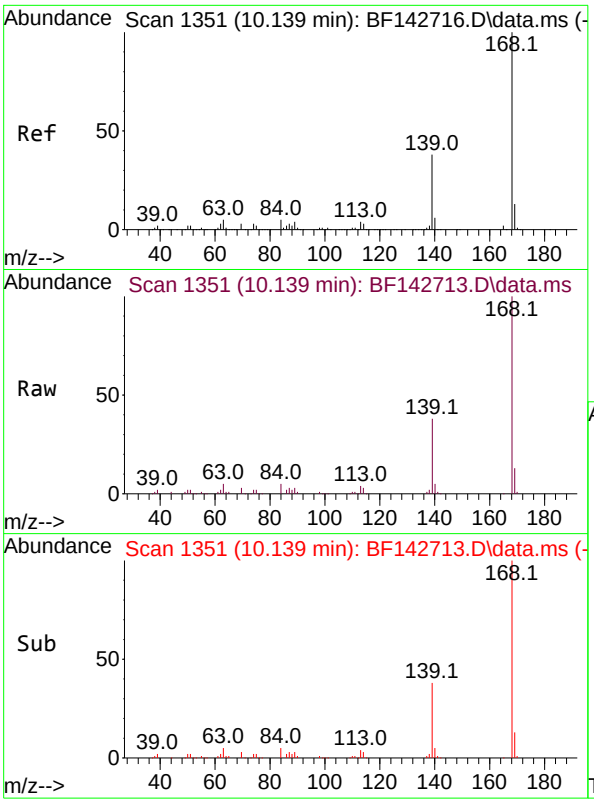


#53
3-Nitroaniline
Concen: 5.141 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



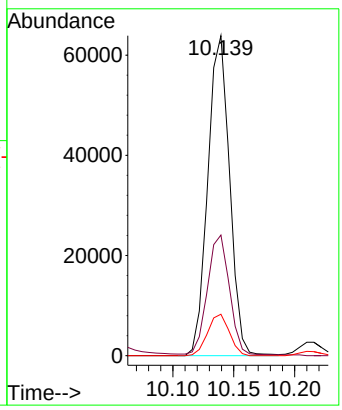


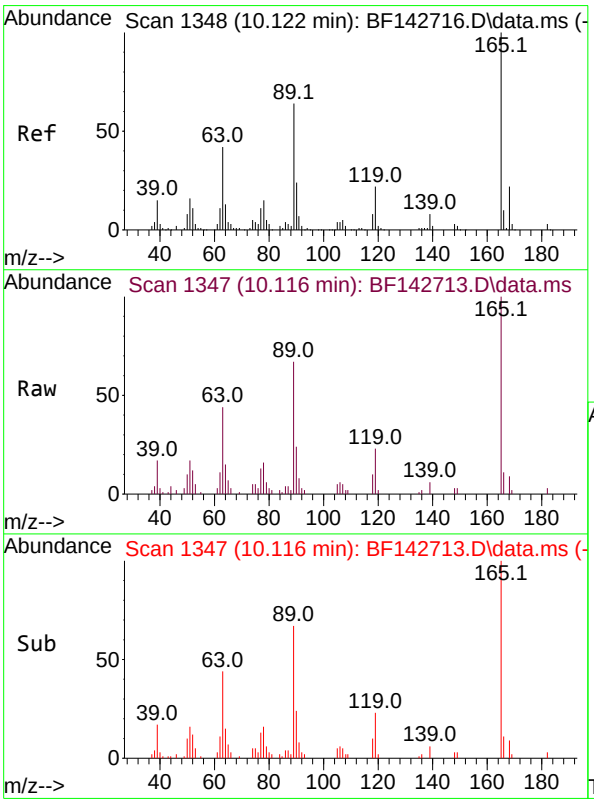
#55
Dibenzofuran
Concen: 5.471 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

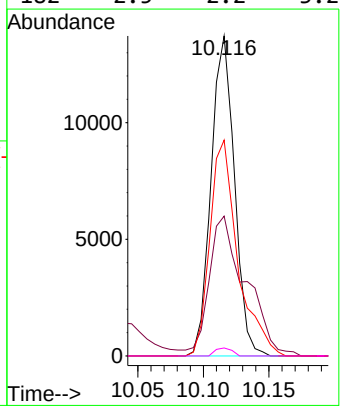


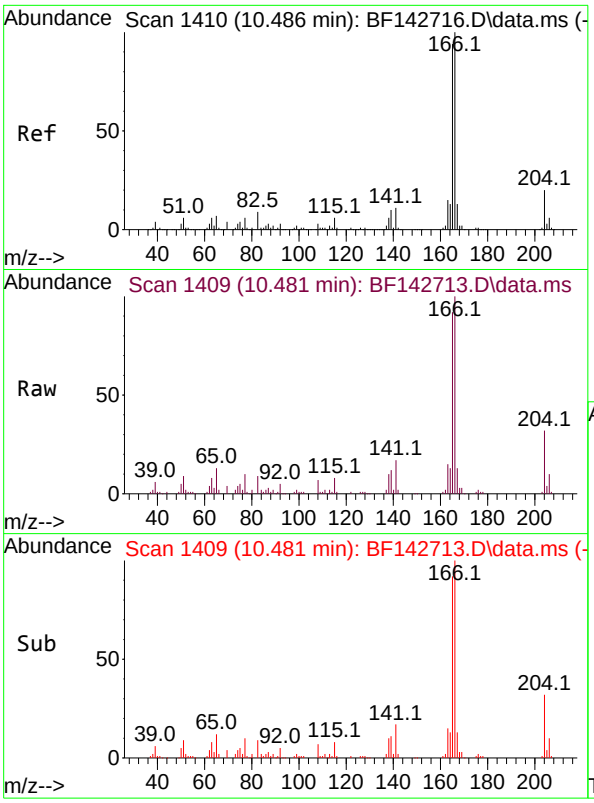


#57
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



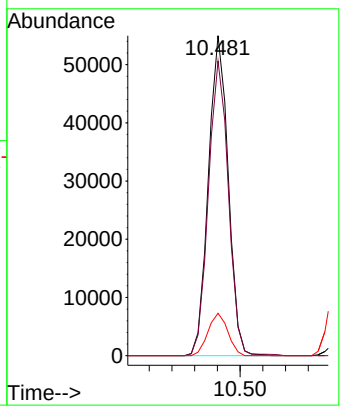


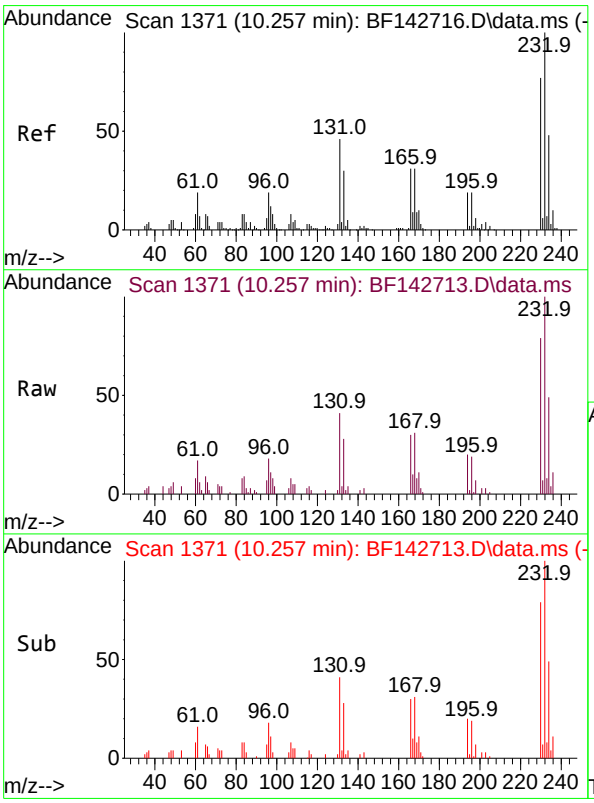
#58
Fluorene
Concen: 5.719 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

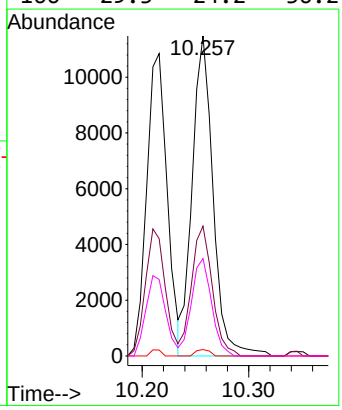


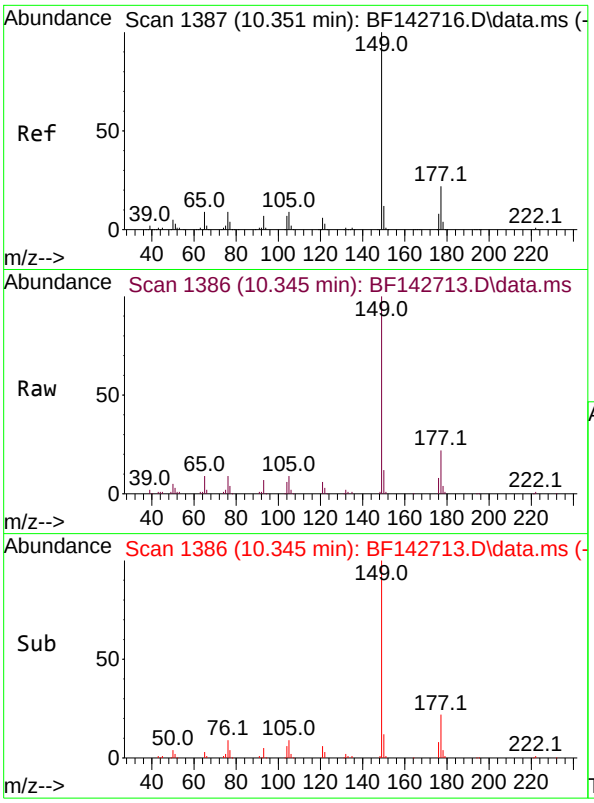


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.392 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



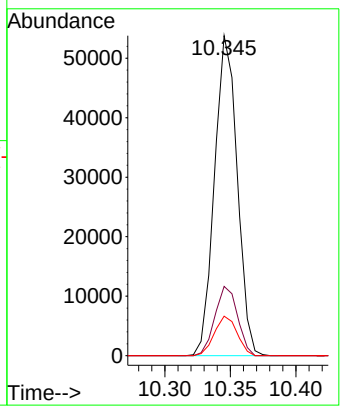


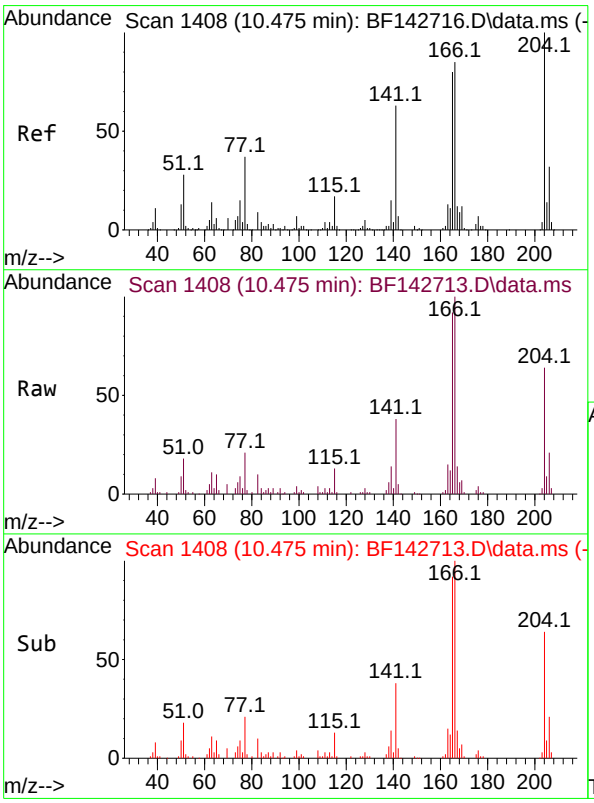
#60
Diethylphthalate
Concen: 5.759 ng
RT: 10.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

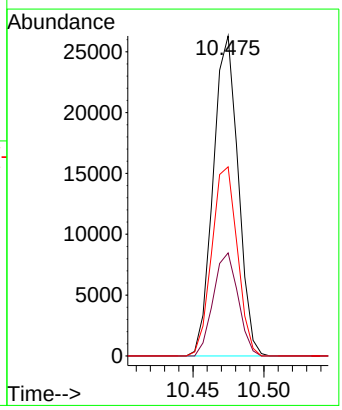


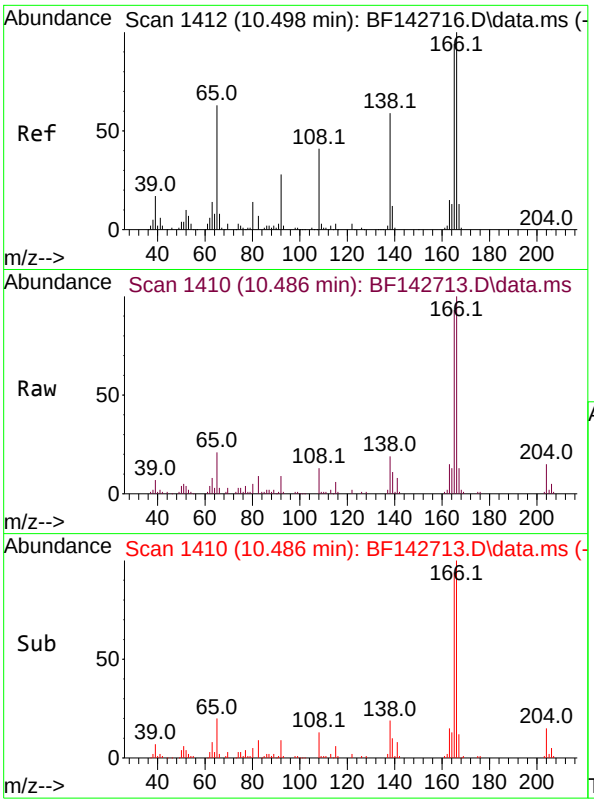


#61
4-Chlorophenyl-phenylether
Concen: 5.820 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



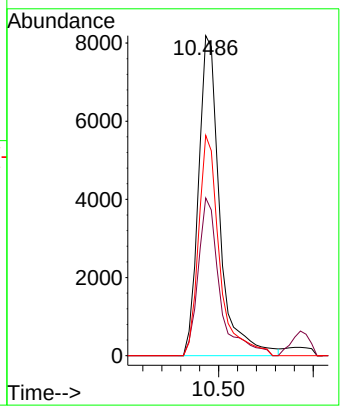


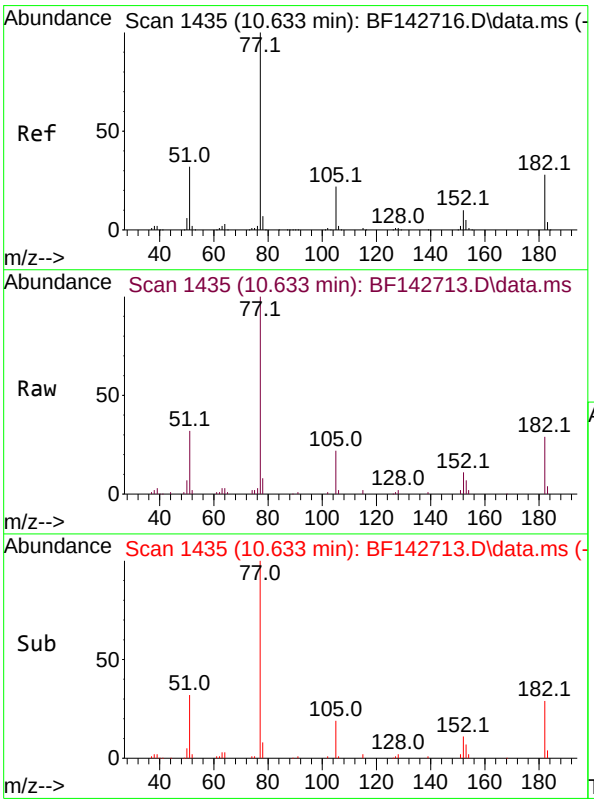
#62
4-Nitroaniline
Concen: 4.873 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

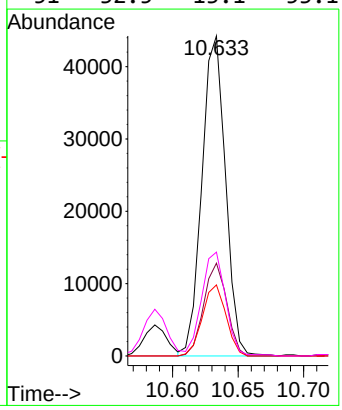


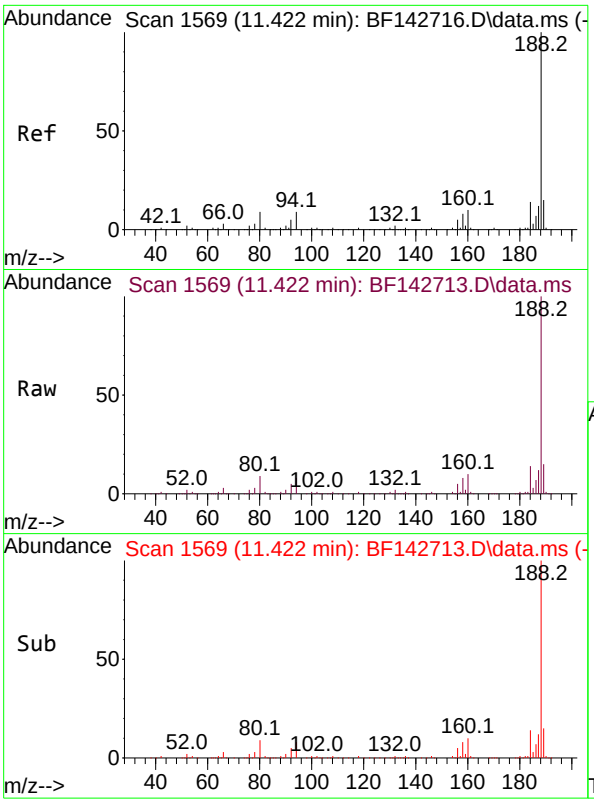


#63
Azobenzene
Concen: 5.497 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



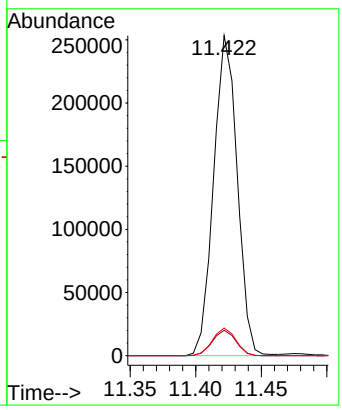


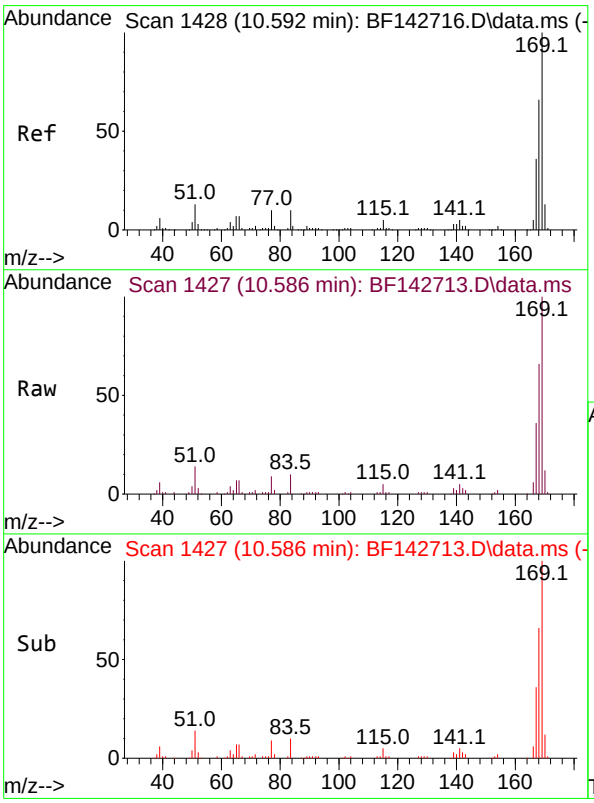
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

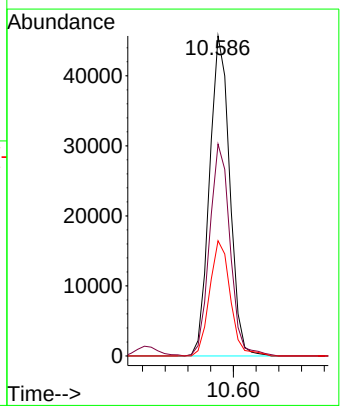


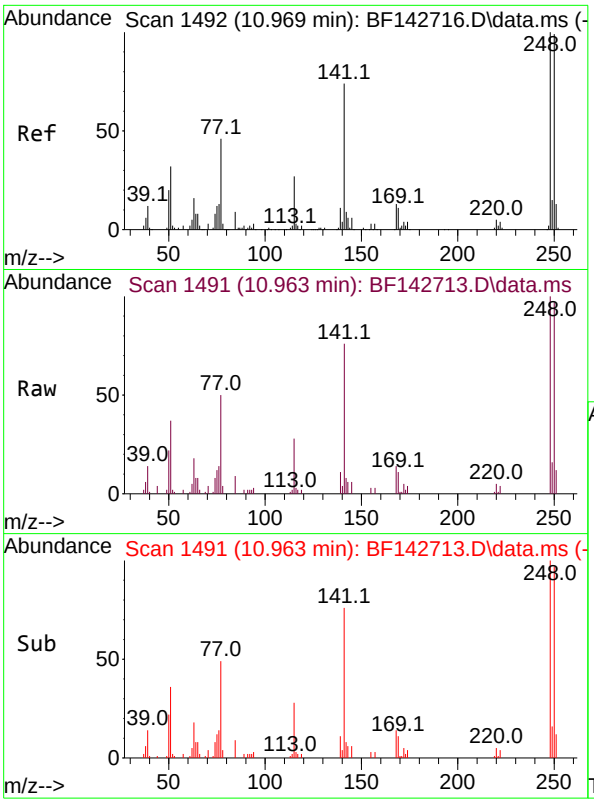


#66
n-Nitrosodiphenylamine
Concen: 5.506 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



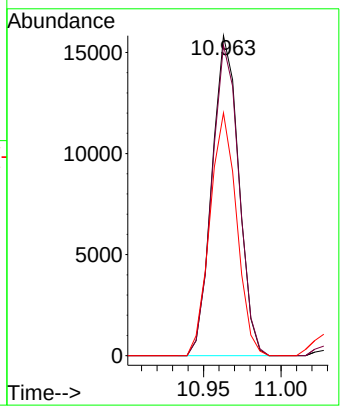


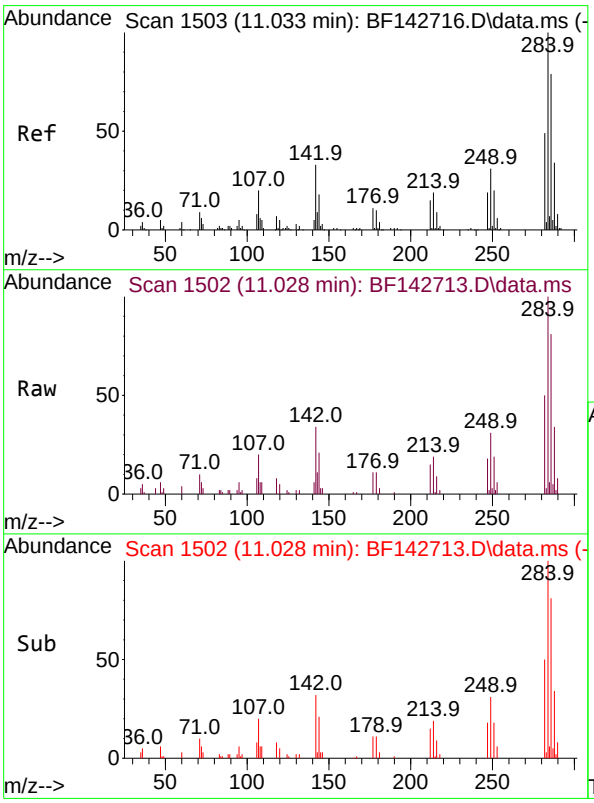
#67
4-Bromophenyl-phenylether
Concen: 5.426 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

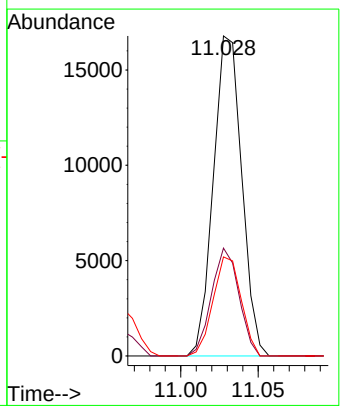


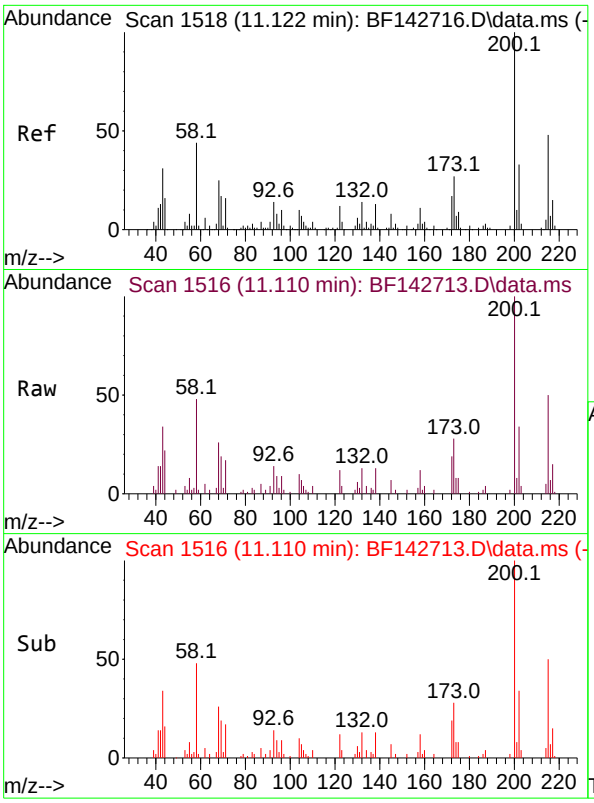


#68
Hexachlorobenzene
Concen: 5.334 ng
RT: 11.028 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



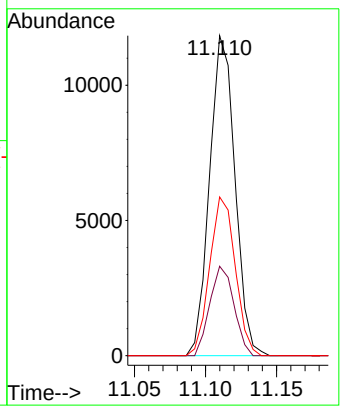


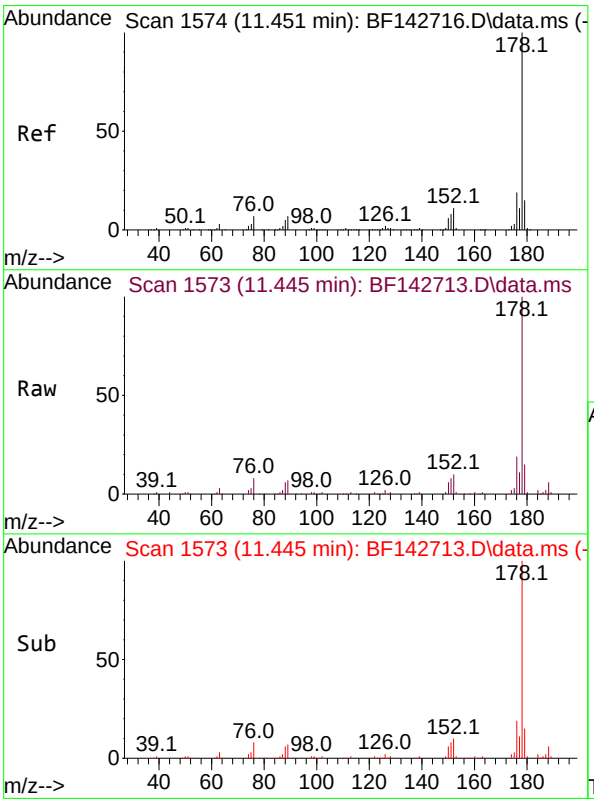
#69
Atrazine
Concen: 4.829 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

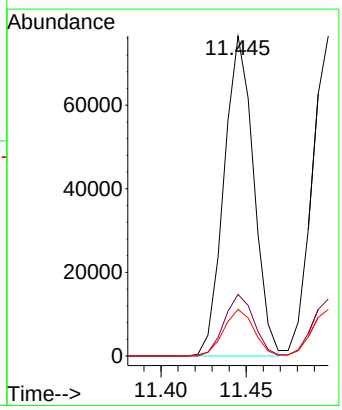


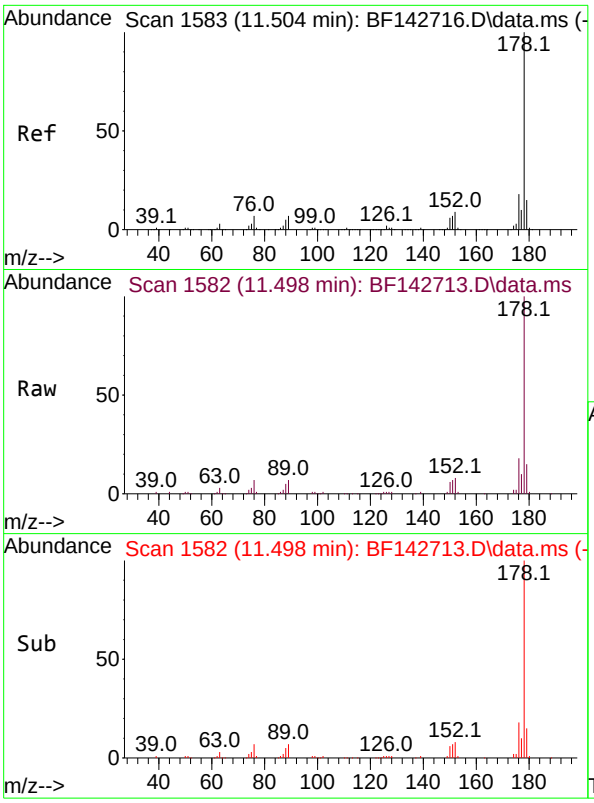


#71
Phenanthrene
Concen: 5.445 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



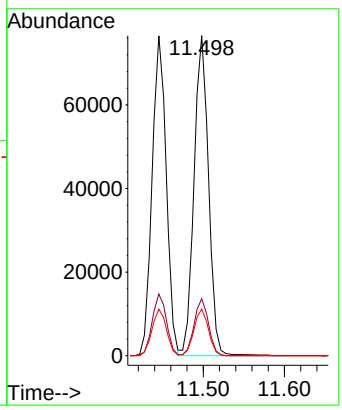


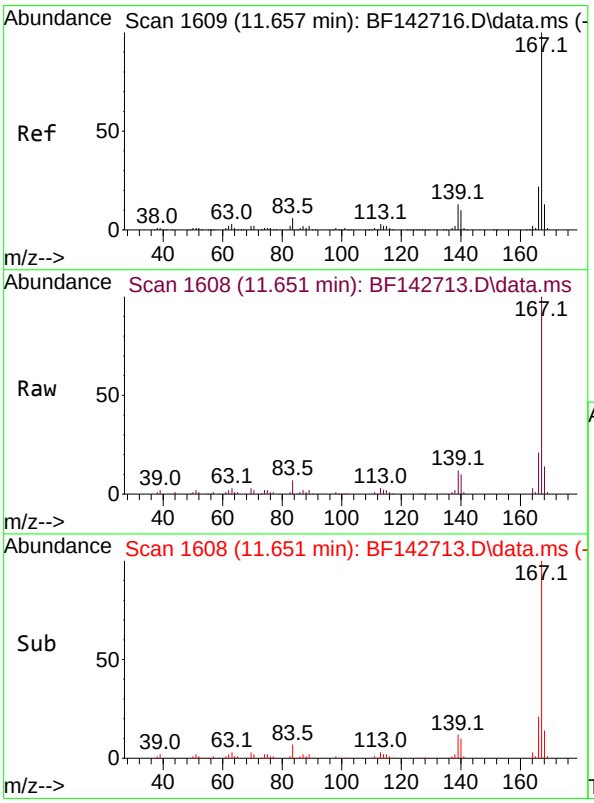
#72
Anthracene
Concen: 5.431 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

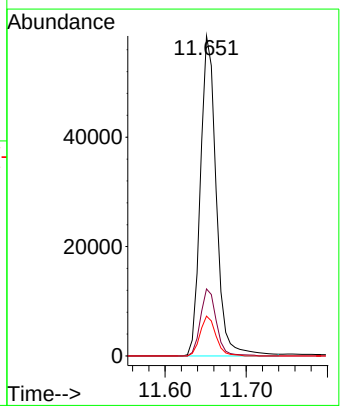


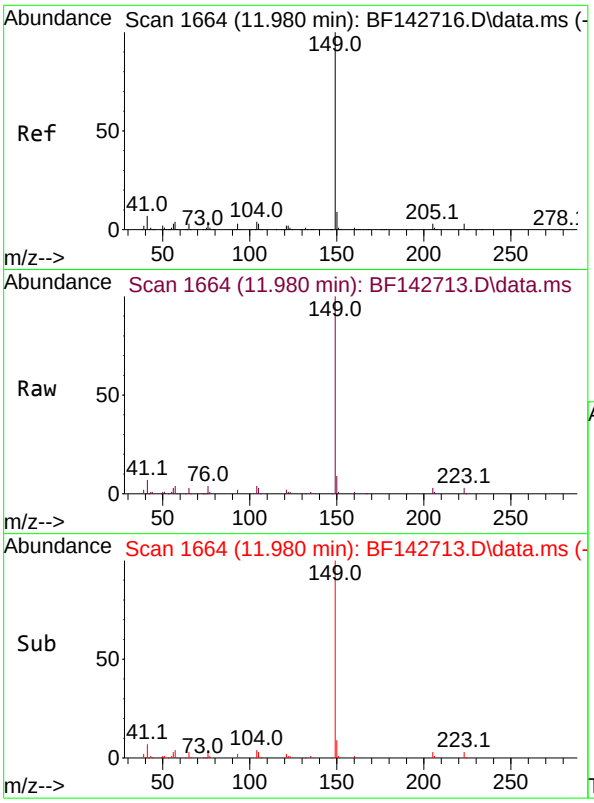


#73
Carbazole
Concen: 5.098 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



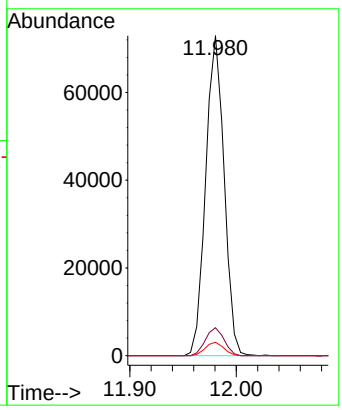


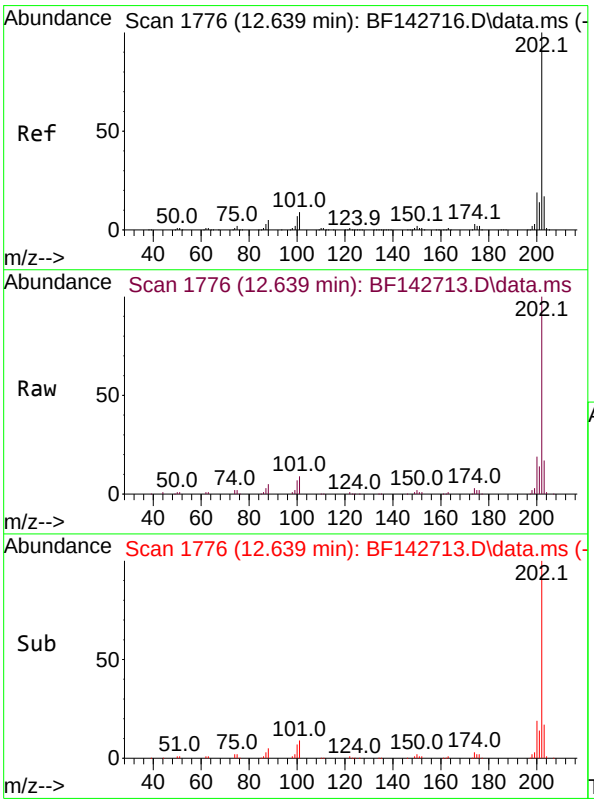
#74
Di-n-butylphthalate
Concen: 5.304 ng
RT: 11.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

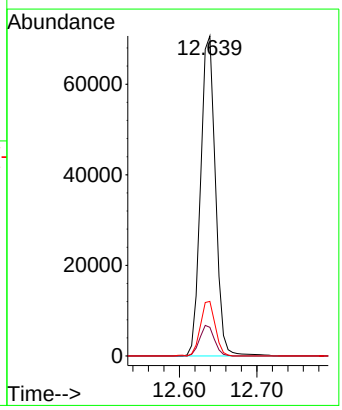


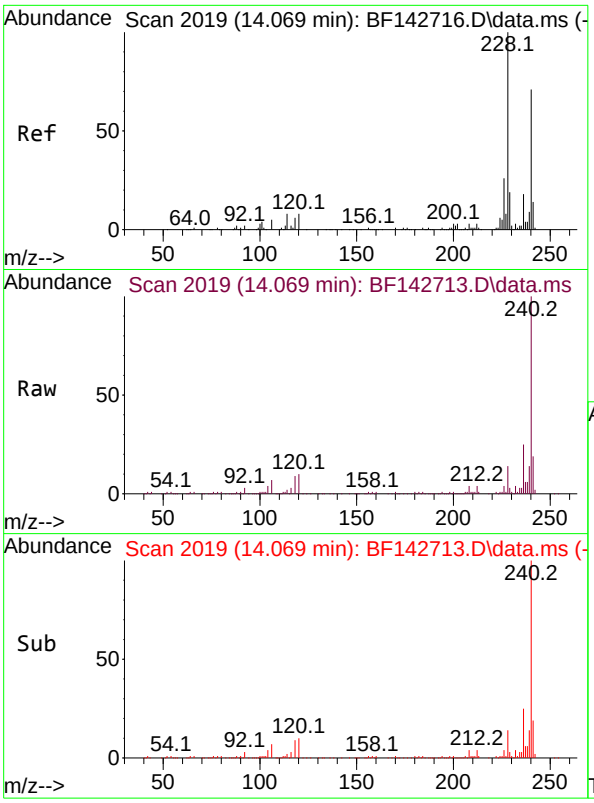


#75
Fluoranthene
Concen: 5.689 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



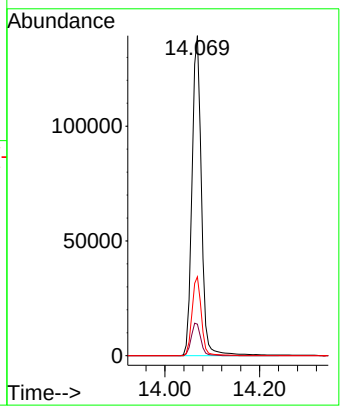


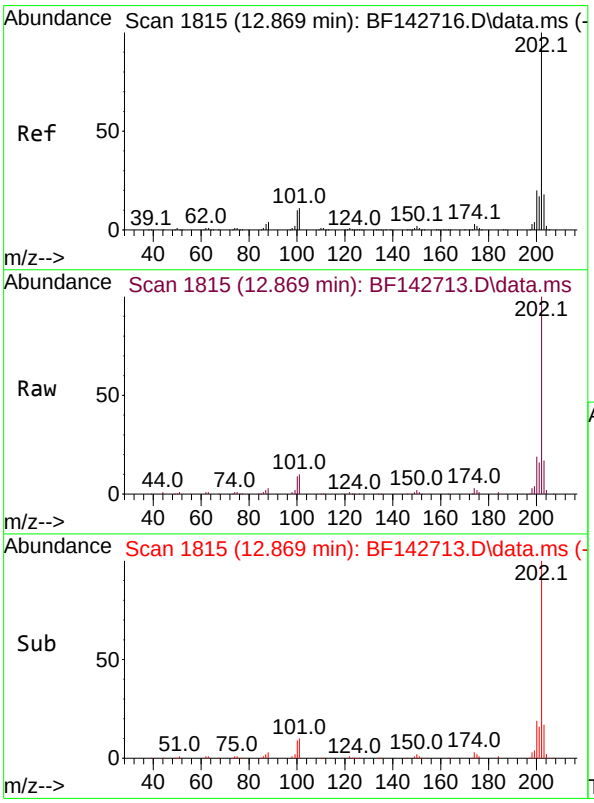
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

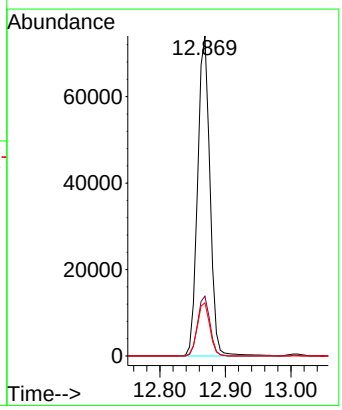


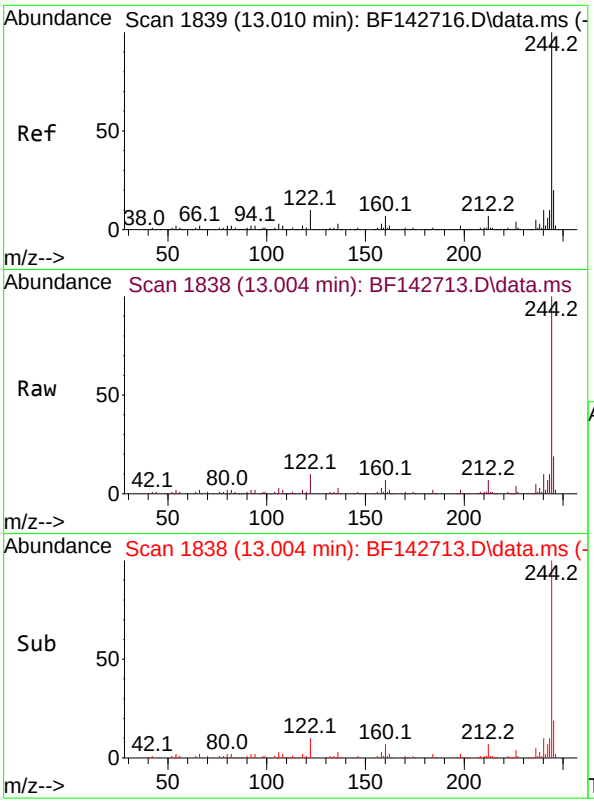


#78
Pyrene
Concen: 5.961 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



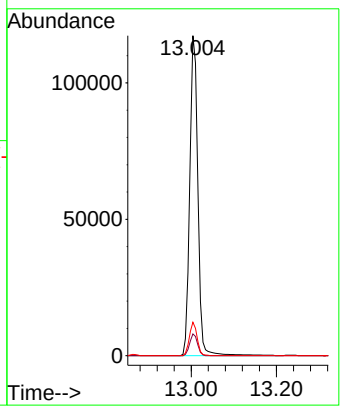


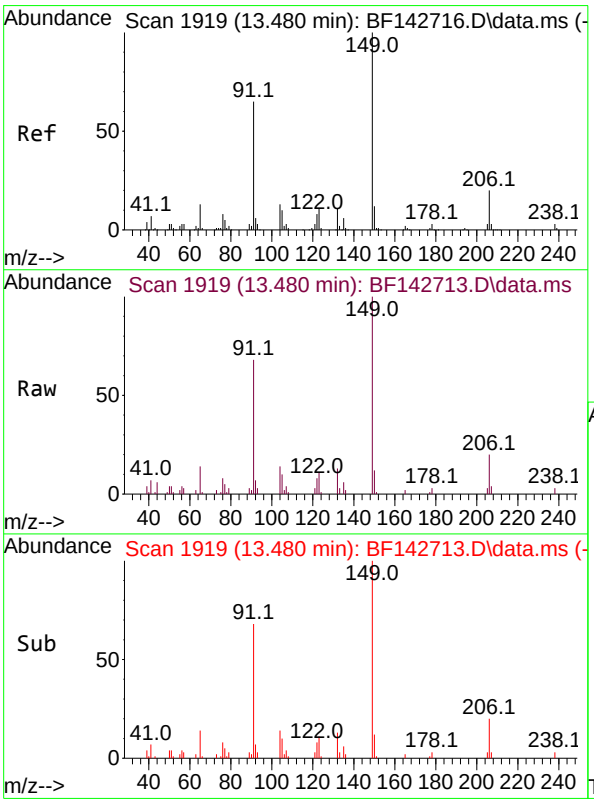
#79
Terphenyl-d14
Concen: 12.222 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

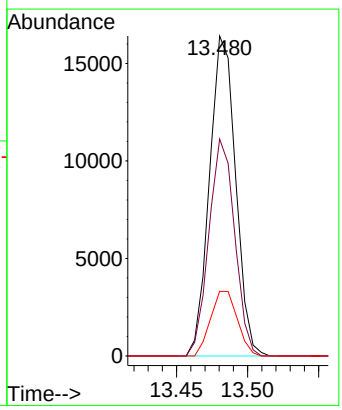


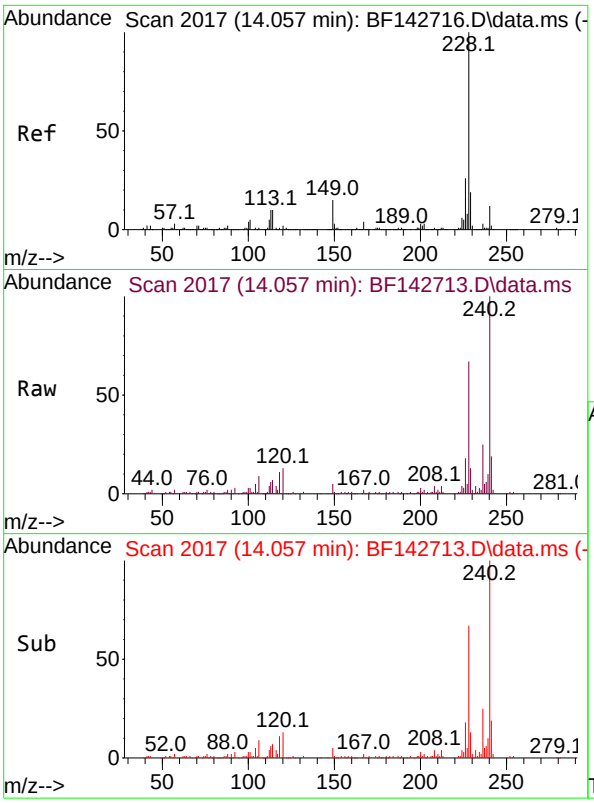


#80
Butylbenzylphthalate
Concen: 4.216 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



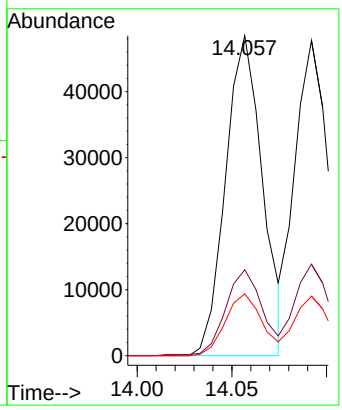


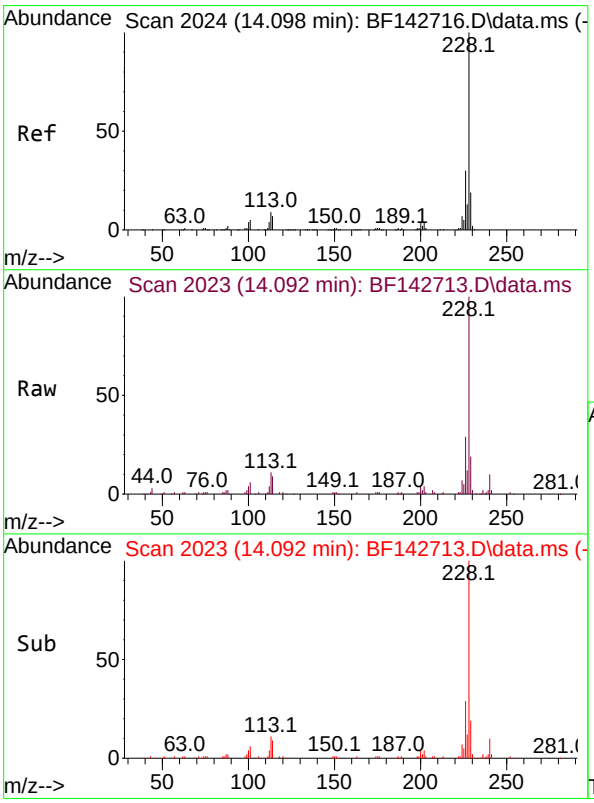
#81
Benzo(a)anthracene
Concen: 5.230 ng
RT: 14.057 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

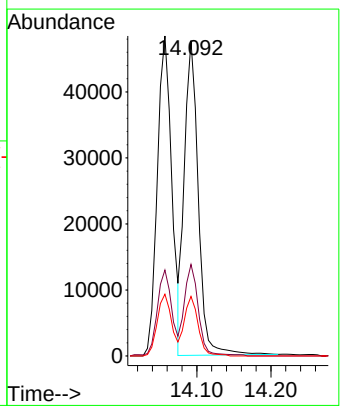


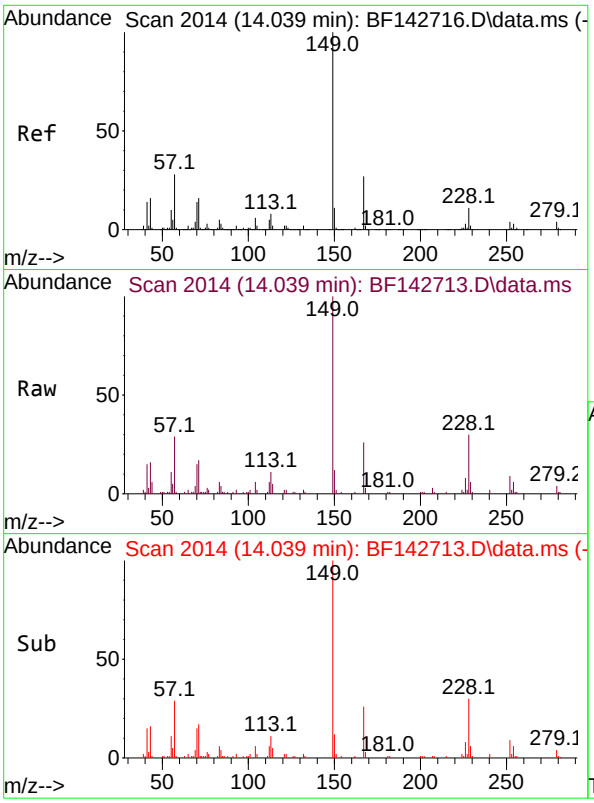


#83
Chrysene
Concen: 5.295 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



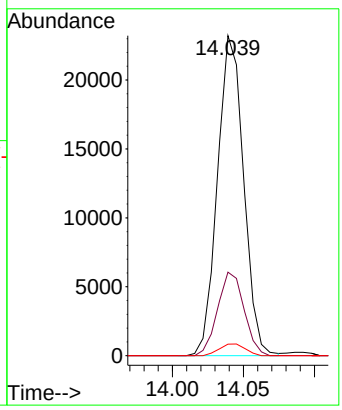


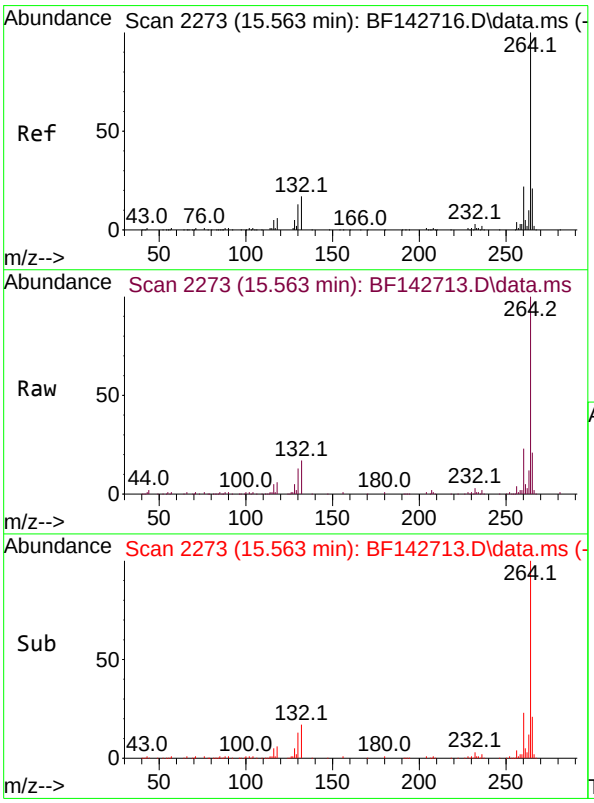
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.009 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

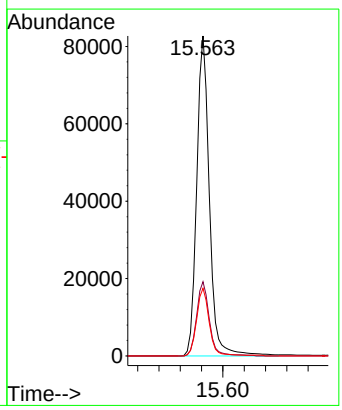


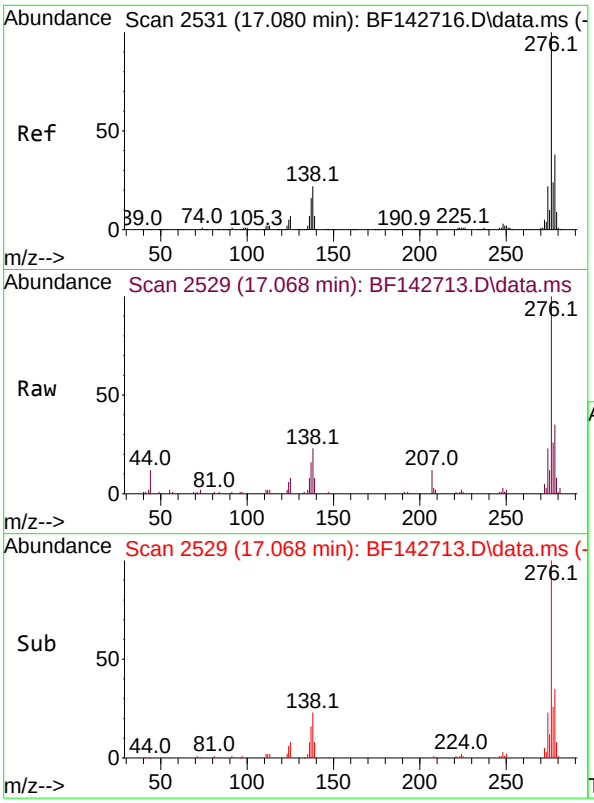


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



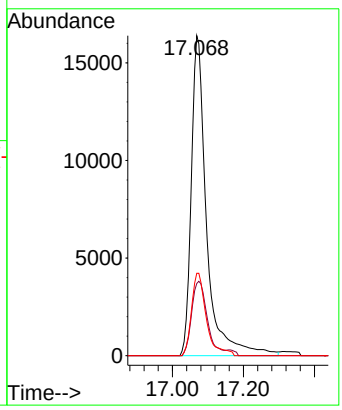


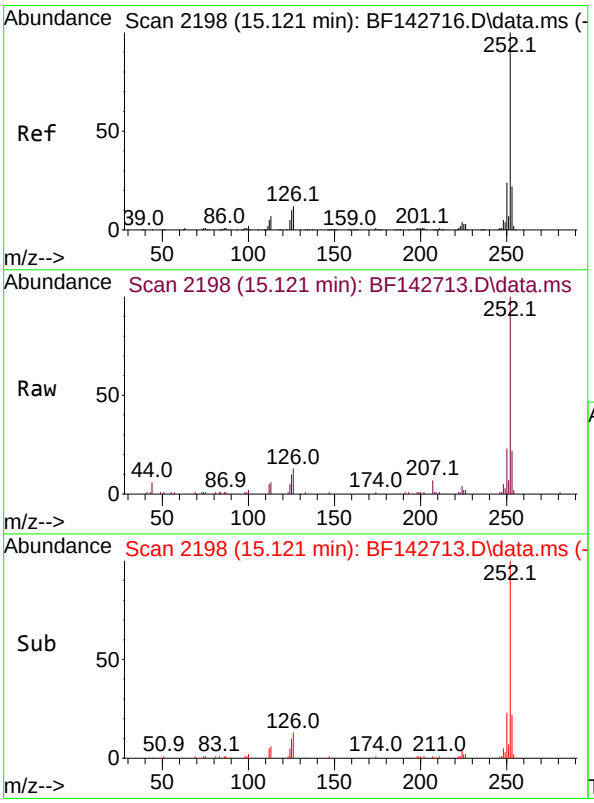
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.039 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

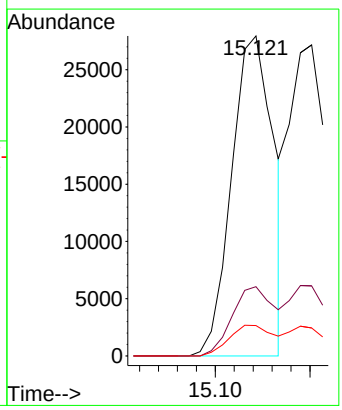


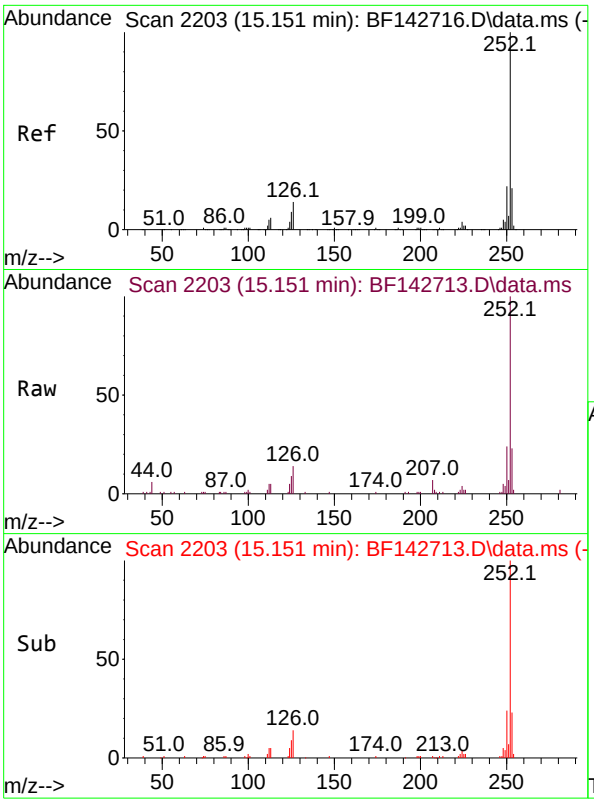


#88
Benzo(b)fluoranthene
Concen: 5.237 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



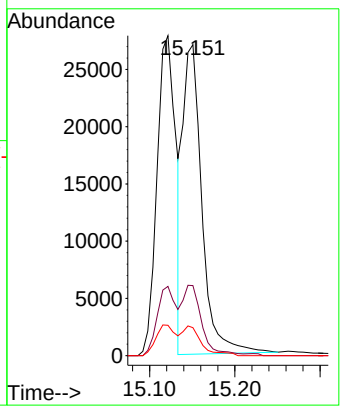


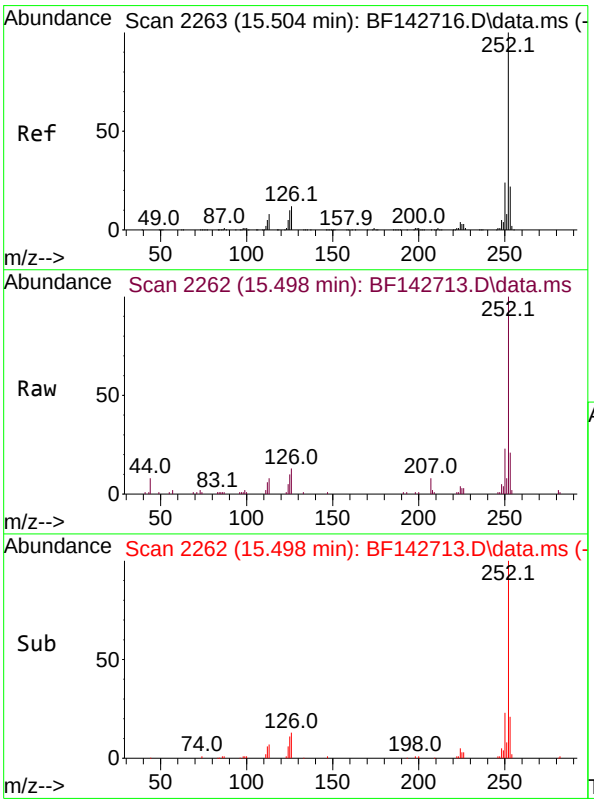
#89
Benzo(k)fluoranthene
Concen: 5.573 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

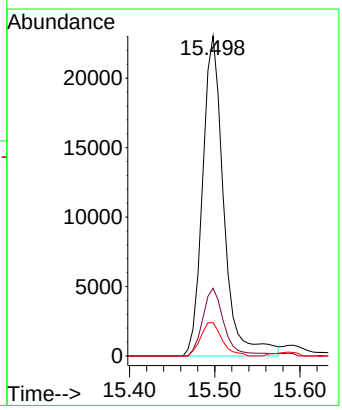


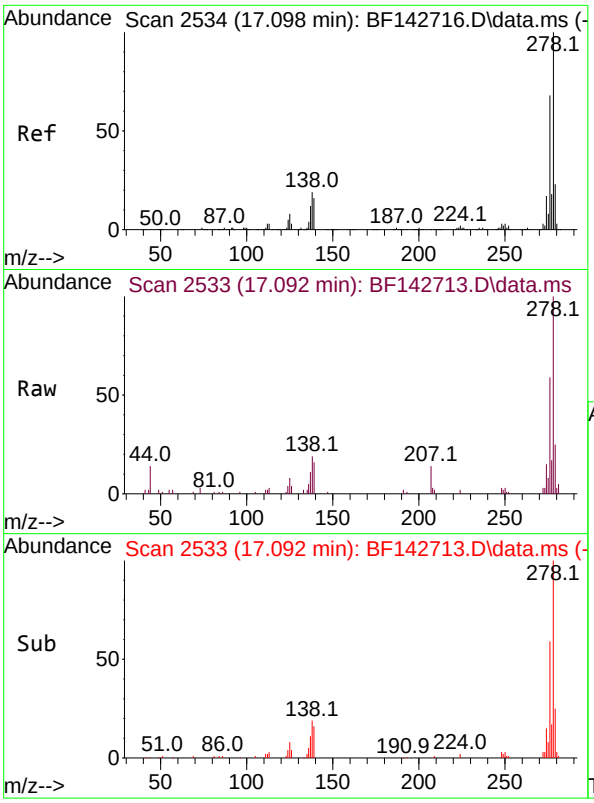


#90
Benzo(a)pyrene
Concen: 5.197 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



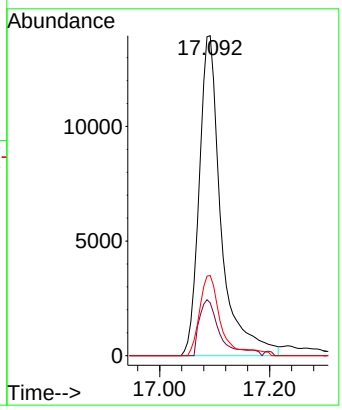


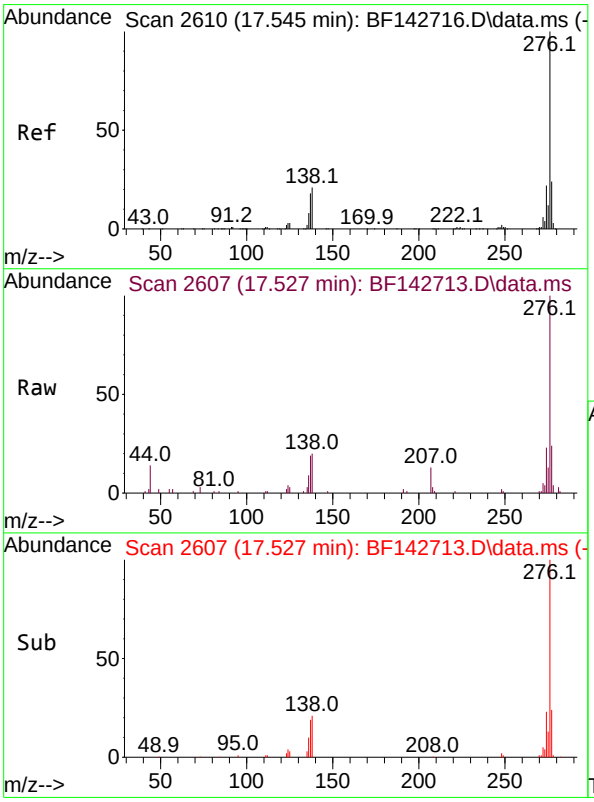
#91
Dibenzo(a,h)anthracene
Concen: 4.912 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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

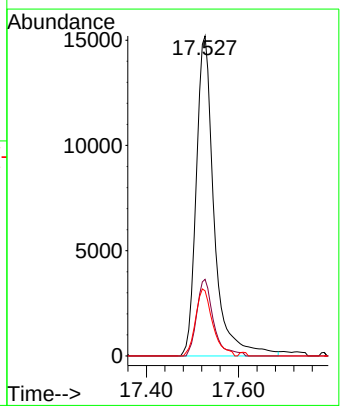




#92
Benzo(g,h,i)perylene
Concen: 5.047 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142713.D
Acq: 10 Jun 2025 17:24

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



Quantitation Report (QT Reviewed)

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)
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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

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

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

ICAL Form

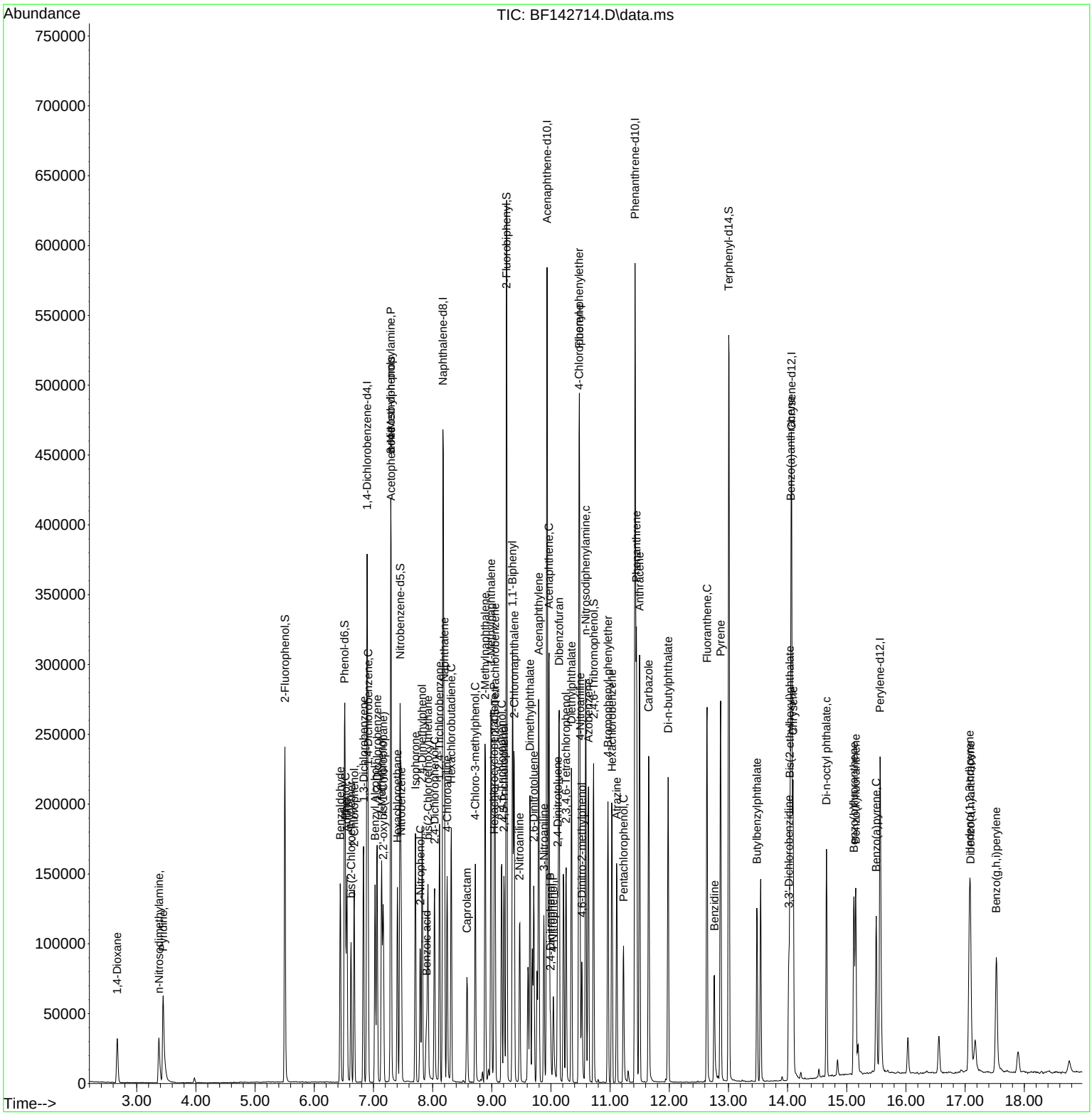
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

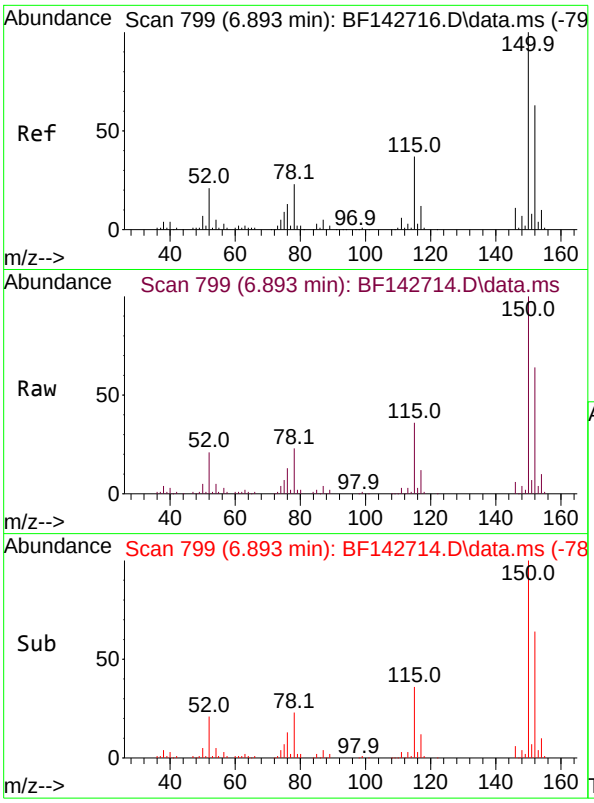
Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

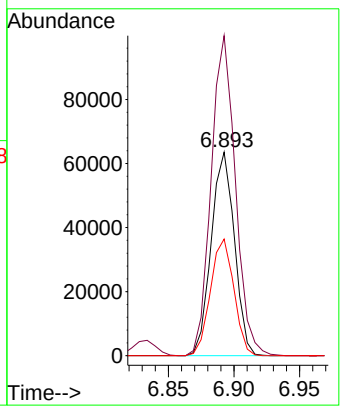




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:152 Resp: 7820

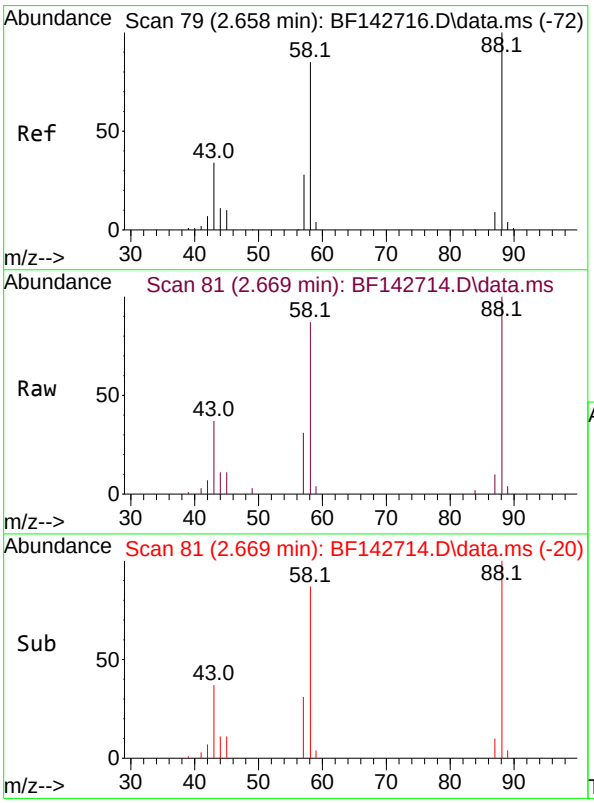
Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	57.3	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

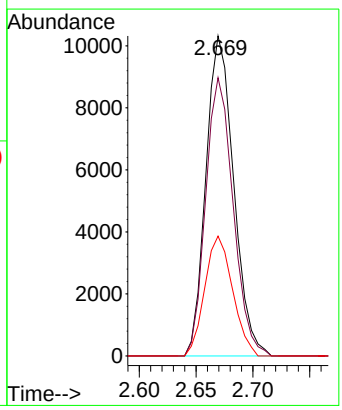
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

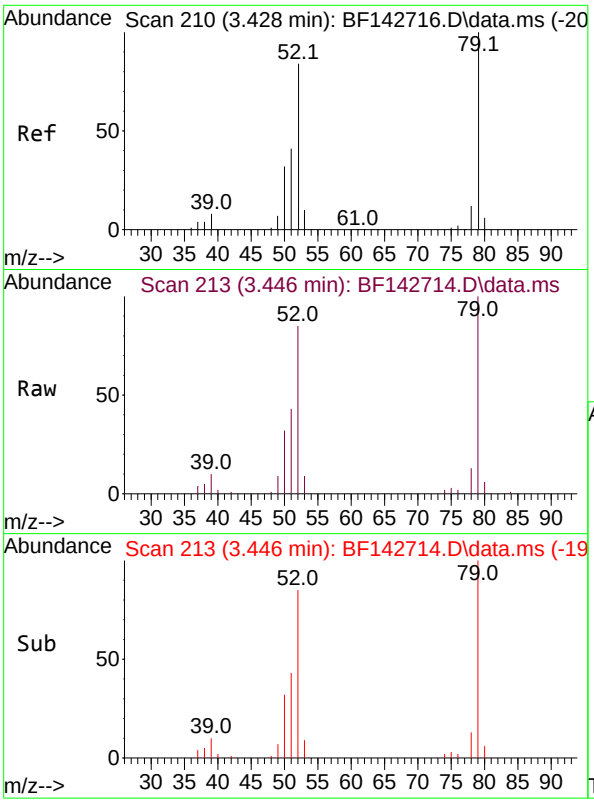


#2
1,4-Dioxane
Concen: 9.921 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

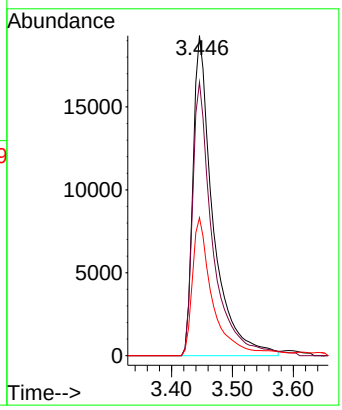




#3
Pyridine
Concen: 9.701 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 79 Resp: 4415

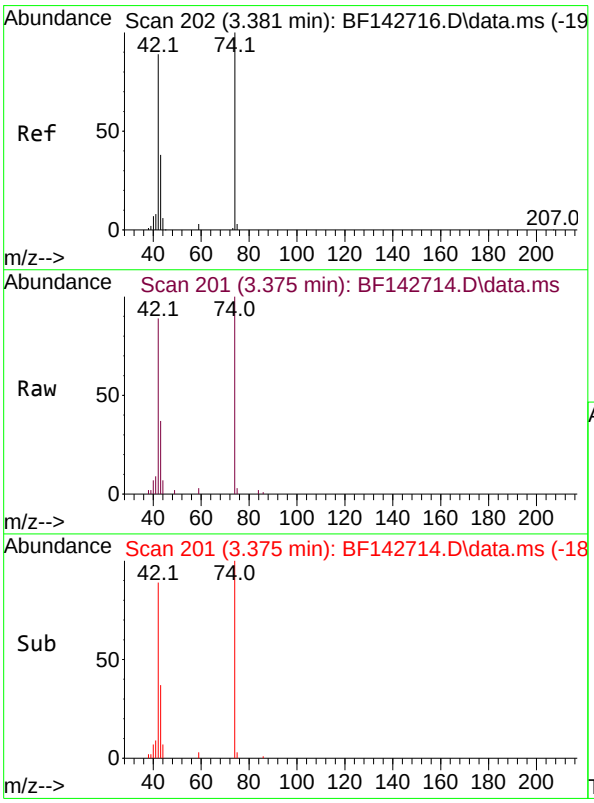
Ion	Ratio	Lower	Upper
79	100		
52	85.4	67.1	100.7
51	43.1	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

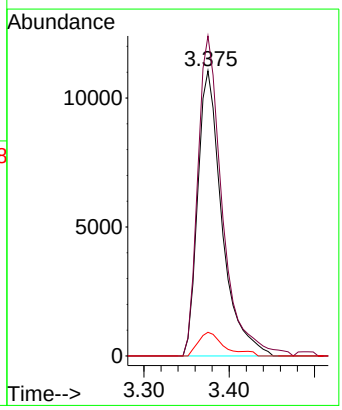
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

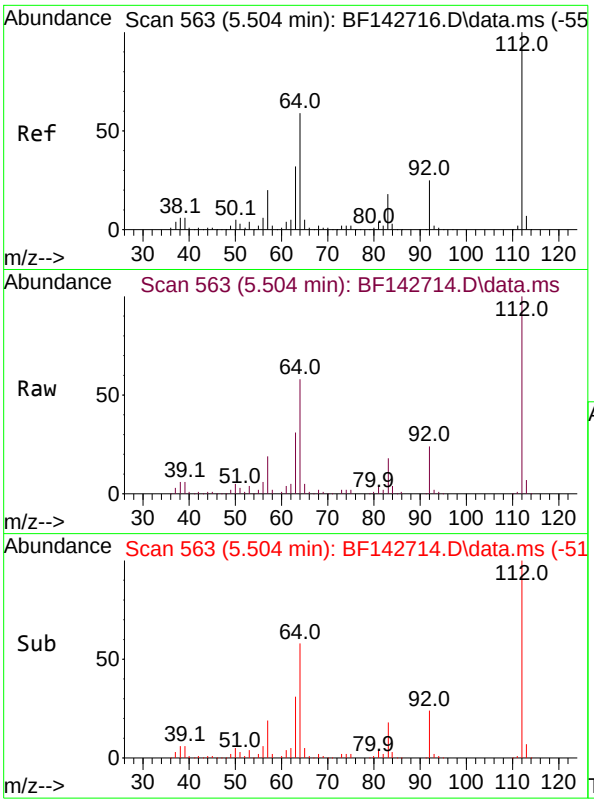


#4
n-Nitrosodimethylamine
Concen: 9.760 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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#

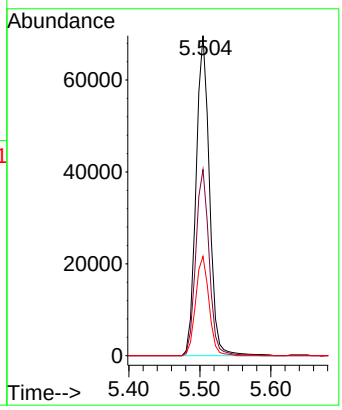




#5
2-Fluorophenol
Concen: 19.825 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:112 Resp: 9149

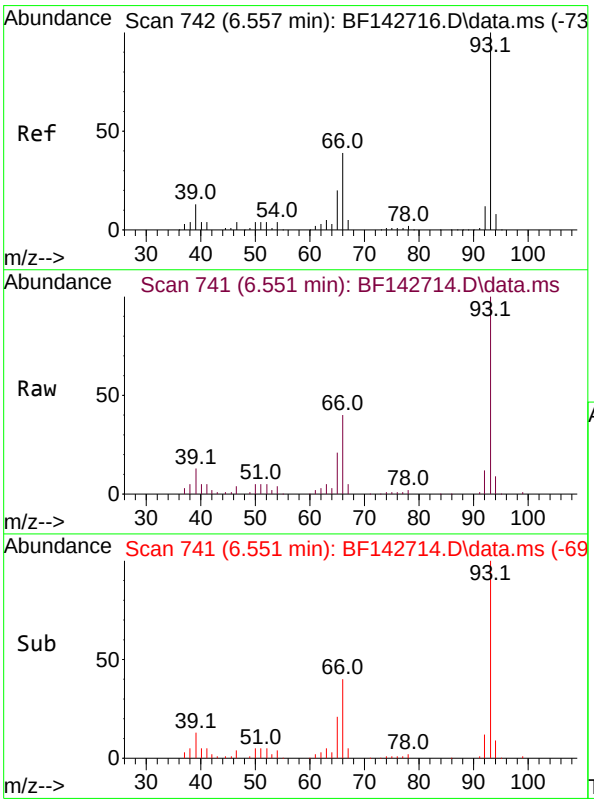
Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.4	71.2
63	31.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

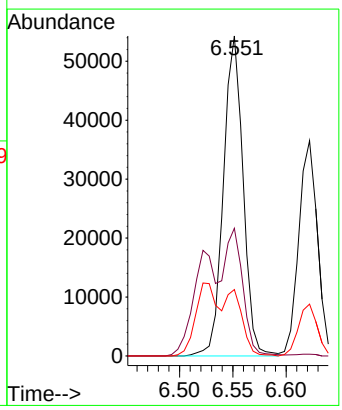
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

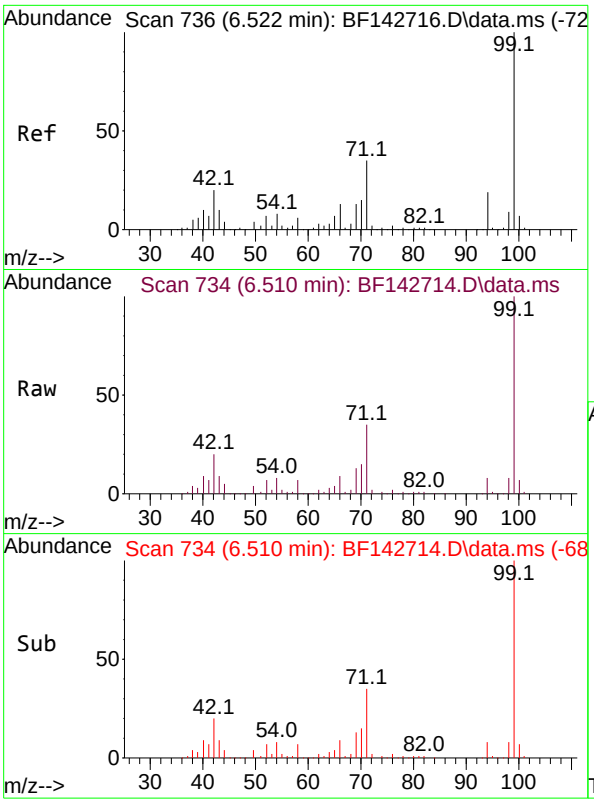


#6
Aniline
Concen: 9.647 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

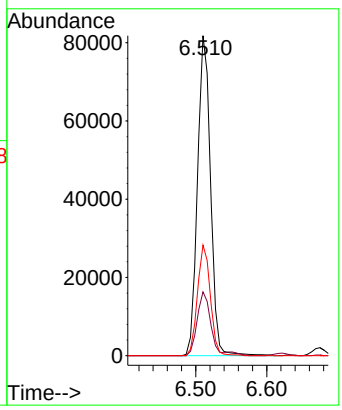




#7
Phenol-d6
Concen: 19.395 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 99 Resp: 10467

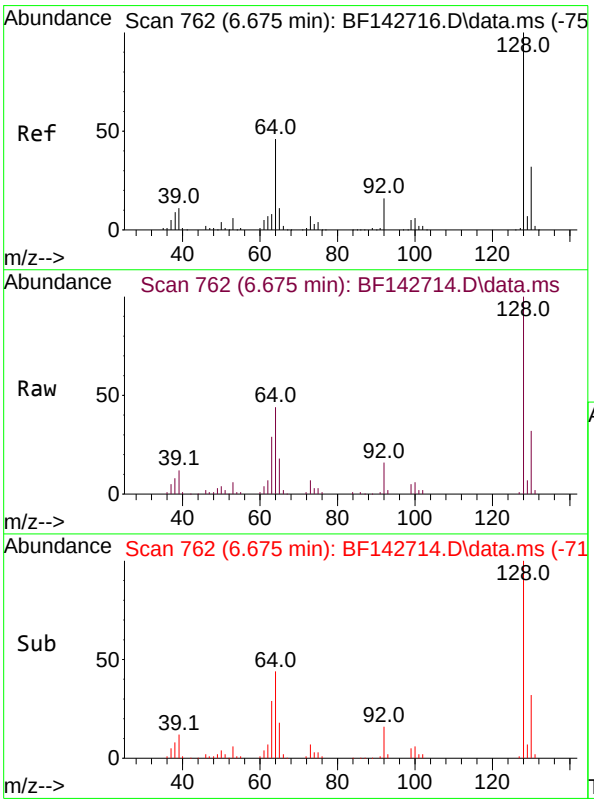
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.6	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

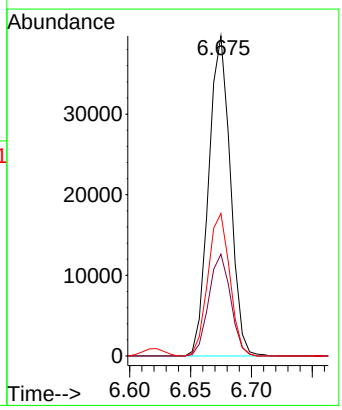
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

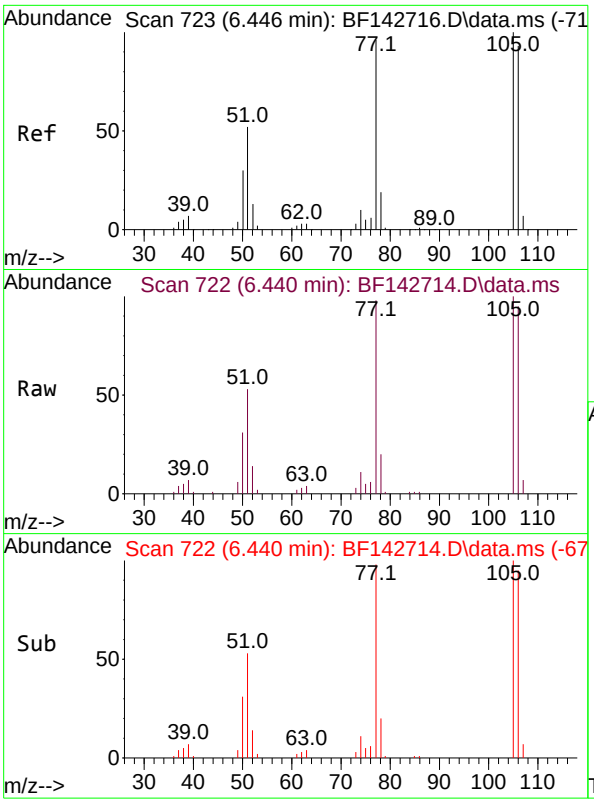


#8
2-Chlorophenol
Concen: 9.712 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

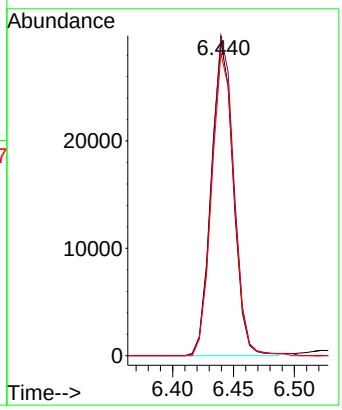




#9
Benzaldehyde
Concen: 12.061 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 77 Resp: 3687

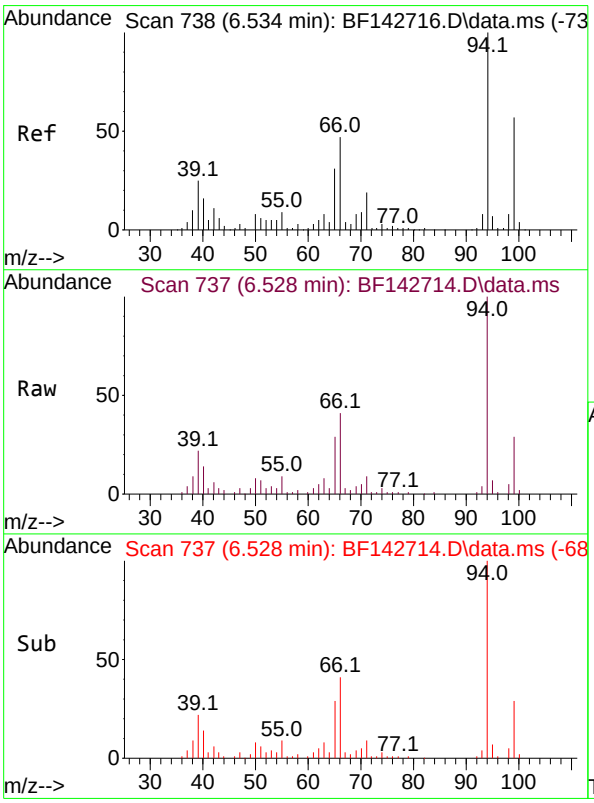
Ion	Ratio	Lower	Upper
77	100		
105	101.8	84.1	124.1
106	96.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

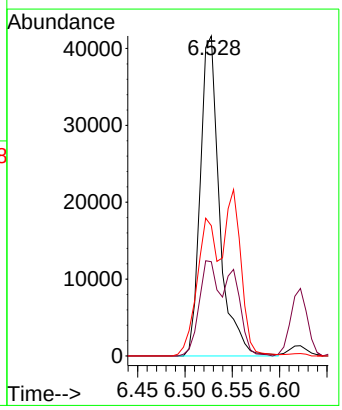
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

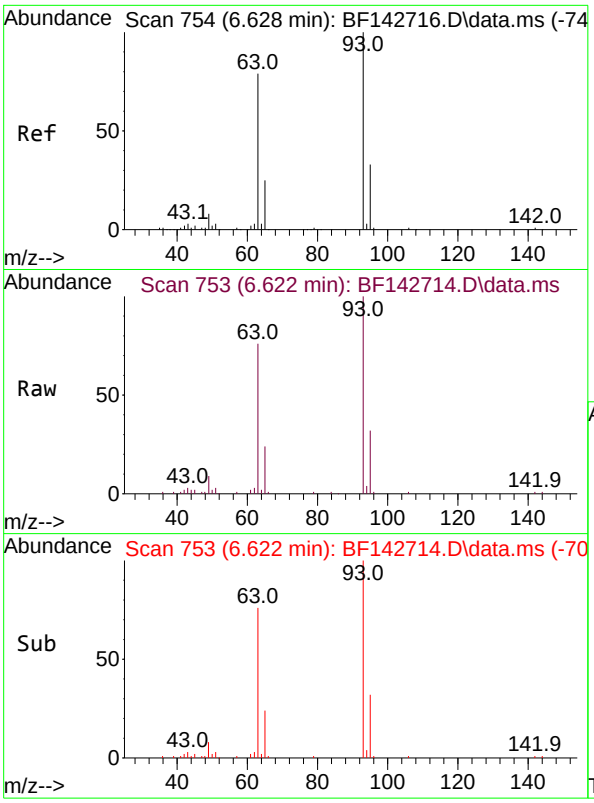


#10
Phenol
Concen: 9.750 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

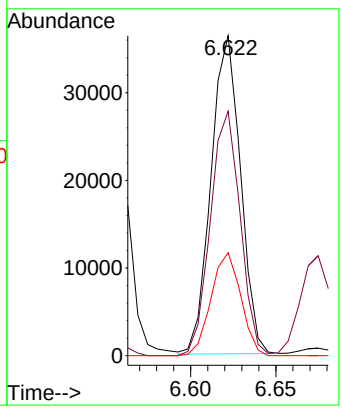




#11
bis(2-Chloroethyl)ether
Concen: 9.901 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 93 Resp: 4371

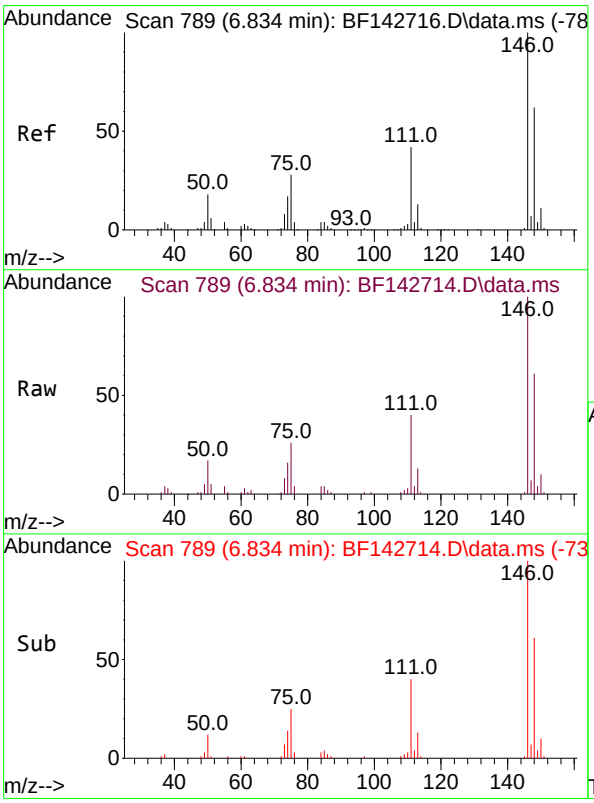
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.3	98.3
95	32.2	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

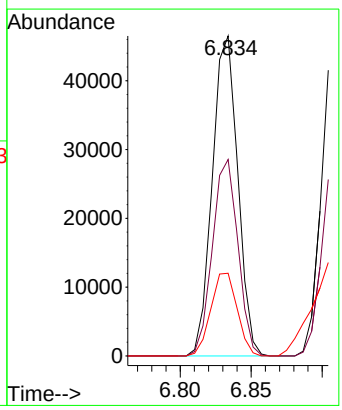
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

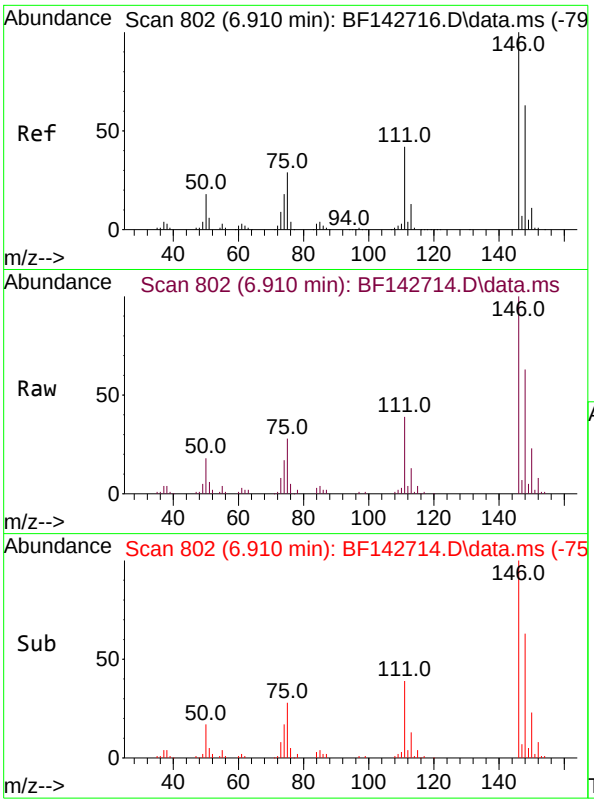


#12
1,3-Dichlorobenzene
Concen: 10.261 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

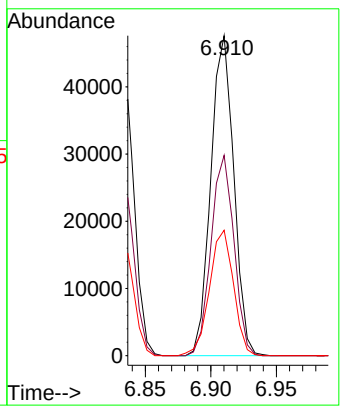




#13
1,4-Dichlorobenzene
Concen: 10.078 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:146 Resp: 5800

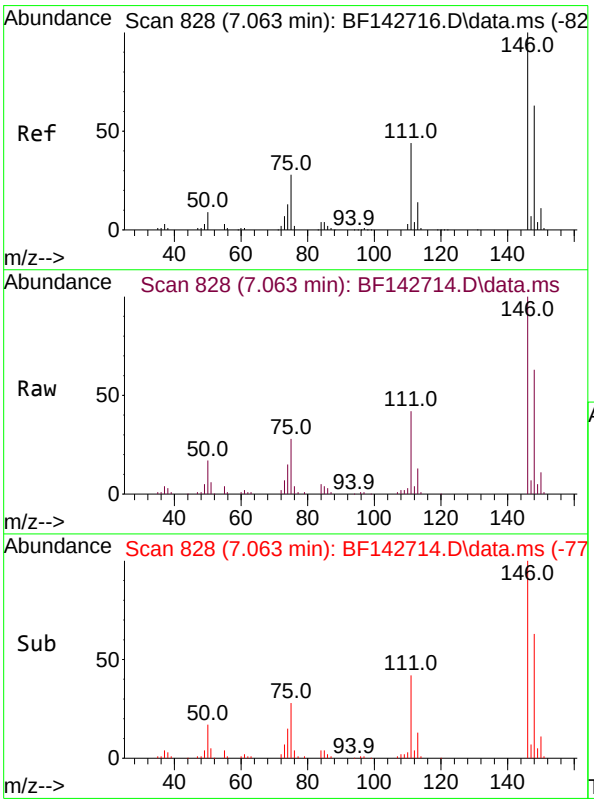
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	39.2	33.6	50.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

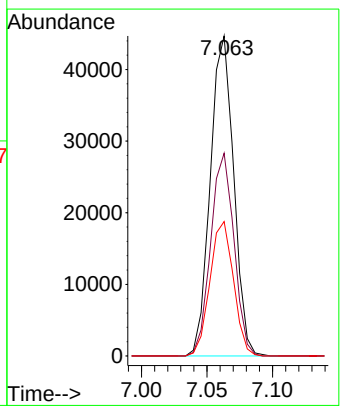
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

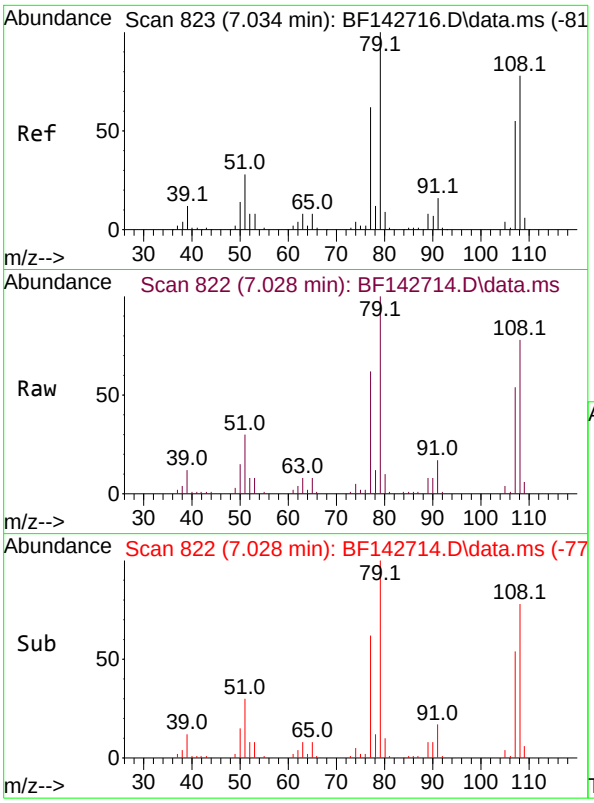


#14
1,2-Dichlorobenzene
Concen: 10.101 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

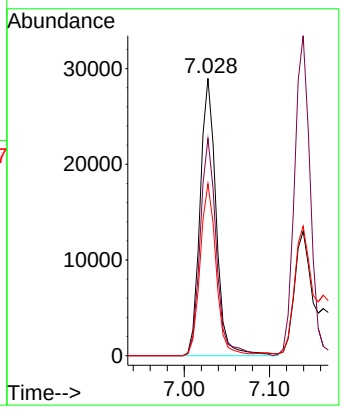




#15
Benzyl Alcohol
Concen: 9.523 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 79 Resp: 3792

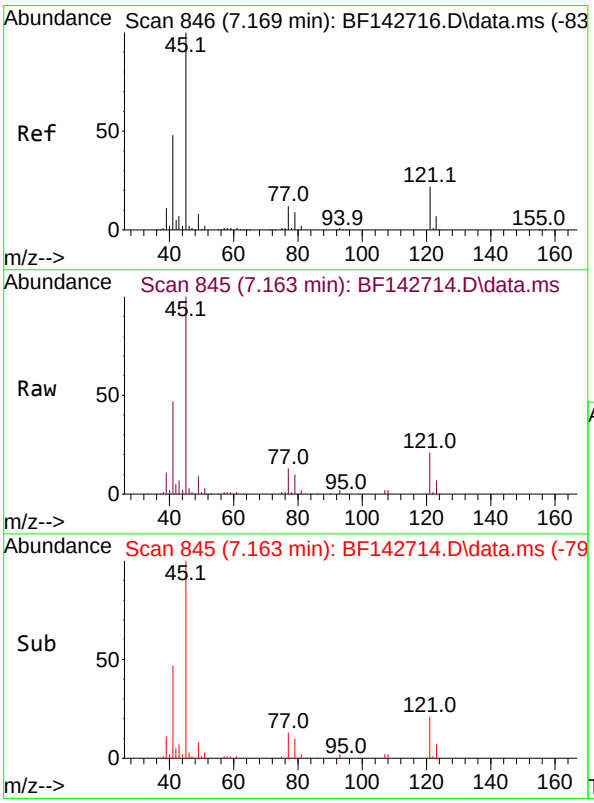
Ion	Ratio	Lower	Upper
79	100		
108	78.3	62.6	94.0
77	62.0	49.8	74.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

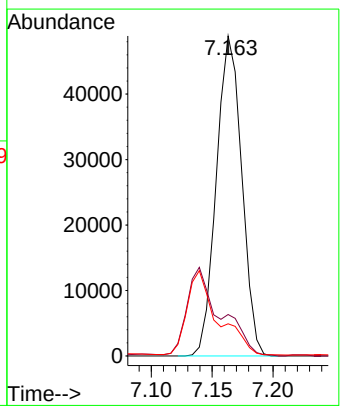
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

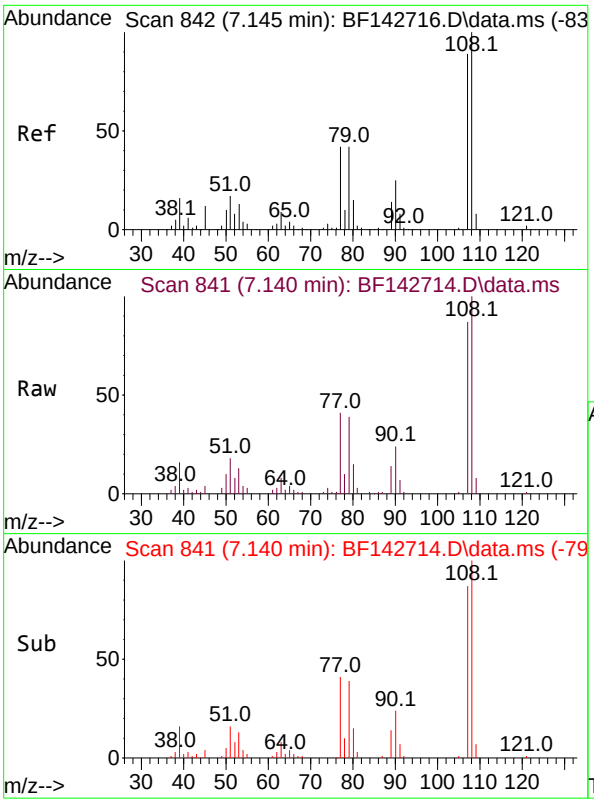


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.916 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

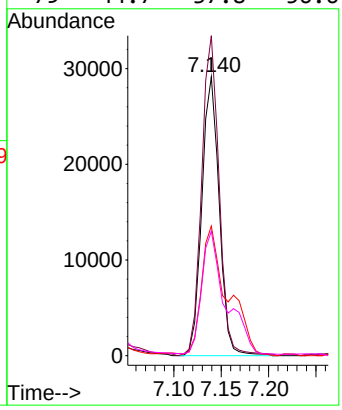




#17
2-Methylphenol
Concen: 9.649 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:107 Resp: 3715

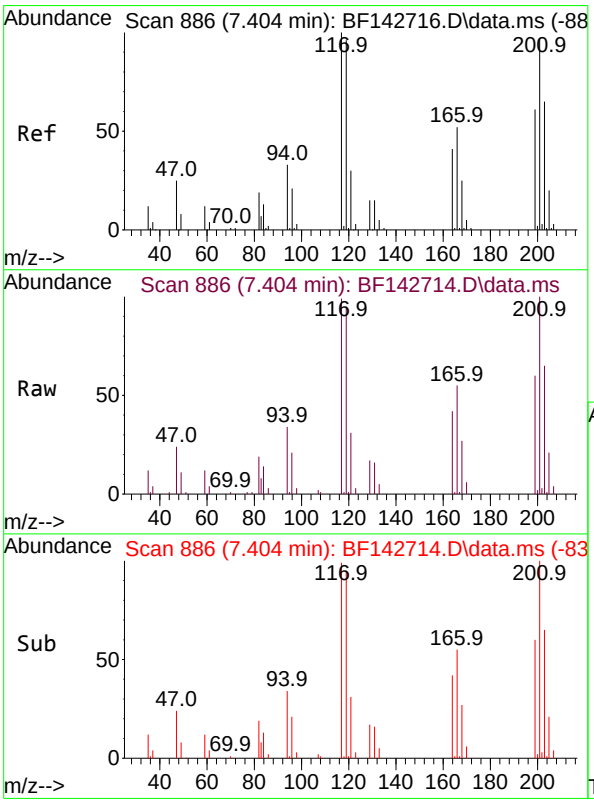
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.0	135.0
77	46.5	38.2	57.2
79	44.7	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

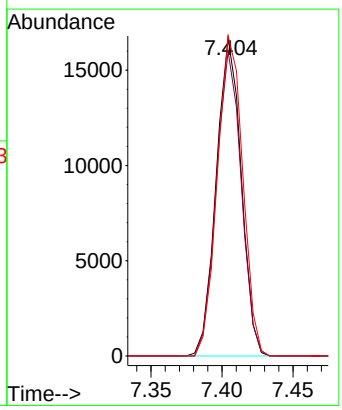
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

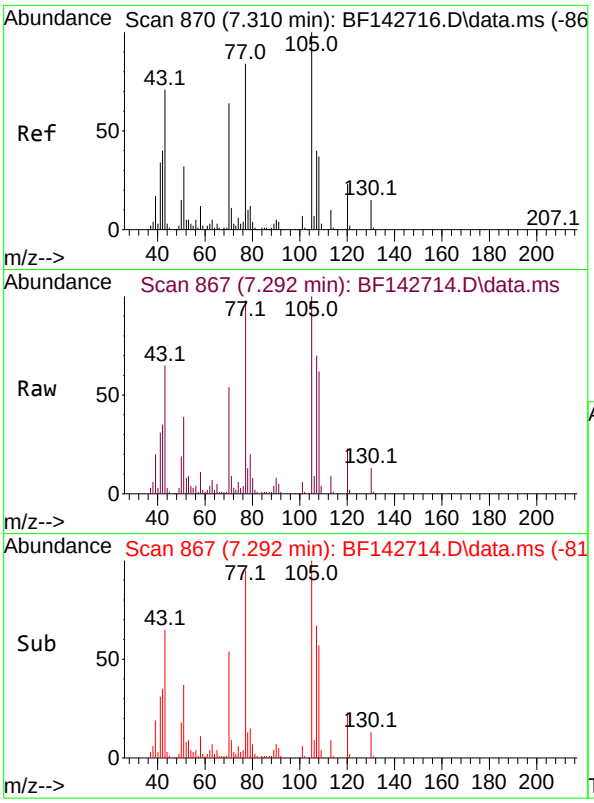


#18
Hexachloroethane
Concen: 10.200 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

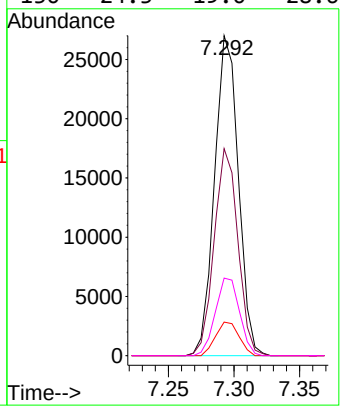




#19
n-Nitroso-di-n-propylamine
Concen: 10.659 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 70 Resp: 3402

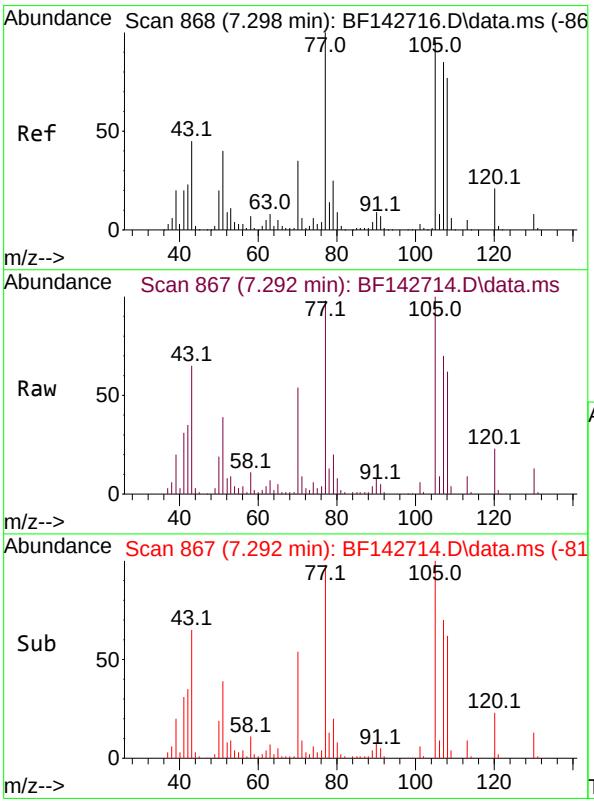
Ion	Ratio	Lower	Upper
70	100		
42	64.7	50.2	75.4
101	10.5	8.3	12.5
130	24.3	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

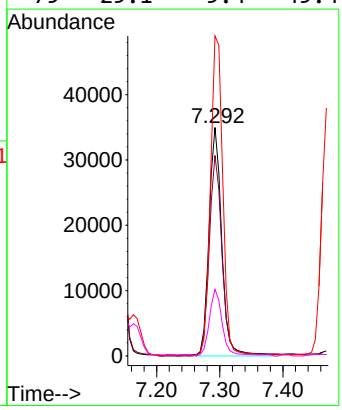
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

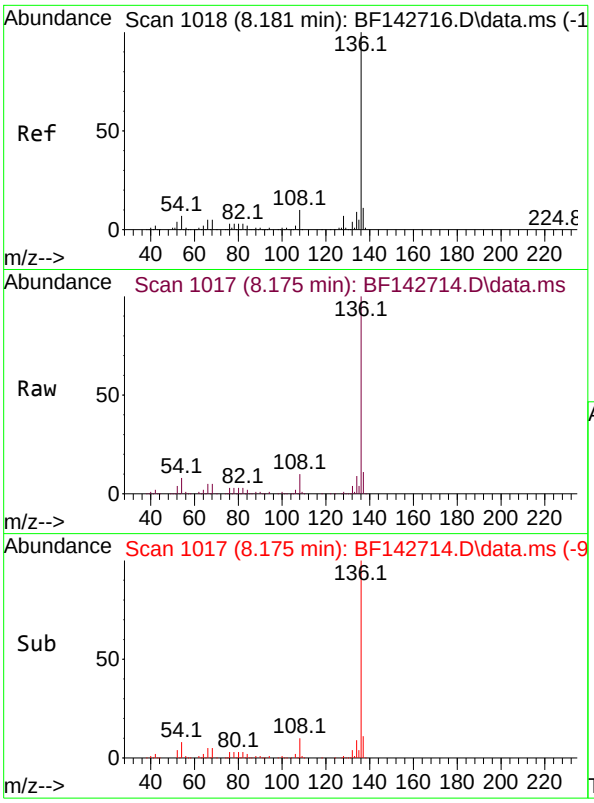


#20
3+4-Methylphenols
Concen: 10.358 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

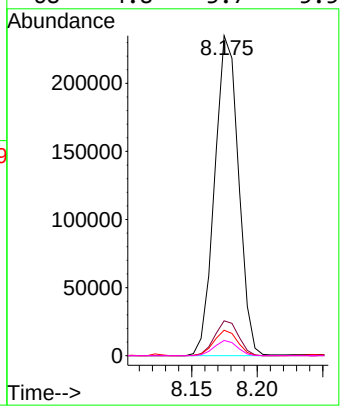




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:136 Resp: 29764

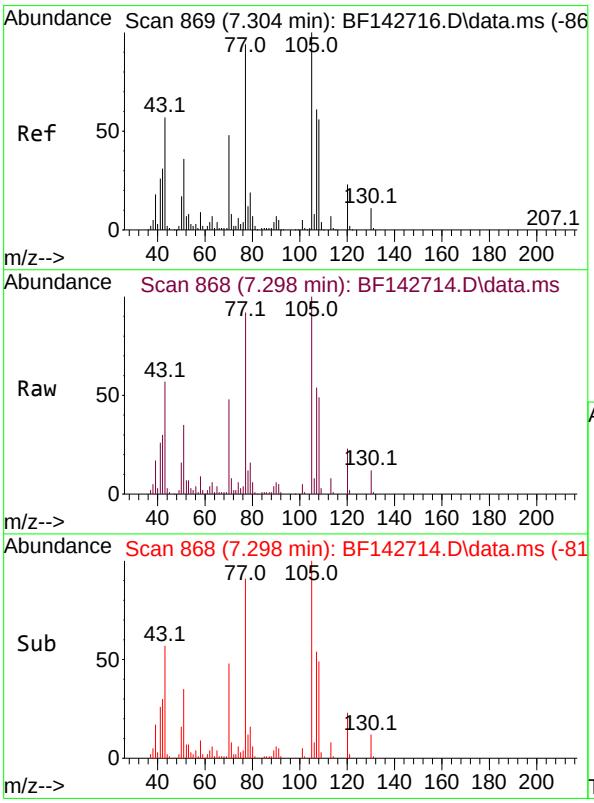
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	5.9	8.9
68	4.8	3.7	5.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

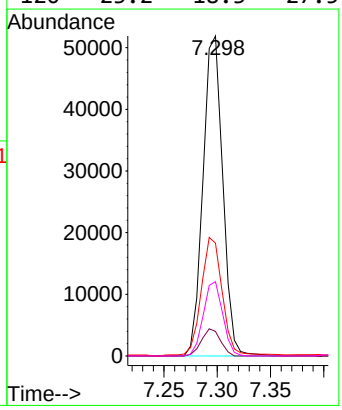
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

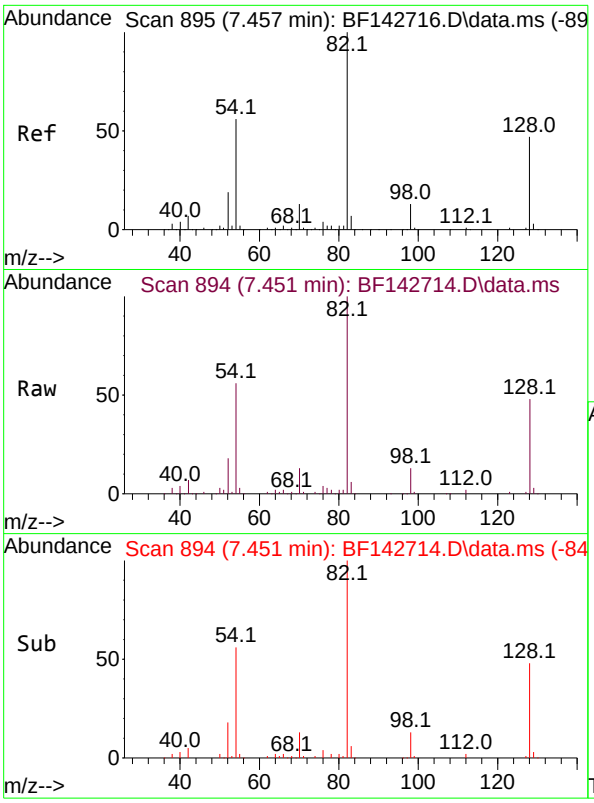


#22
Acetophenone
Concen: 10.307 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

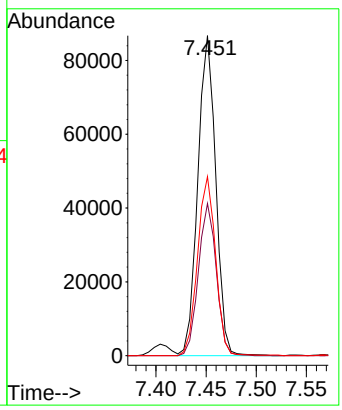




#23
Nitrobenzene-d5
Concen: 19.910 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 82 Resp: 10803

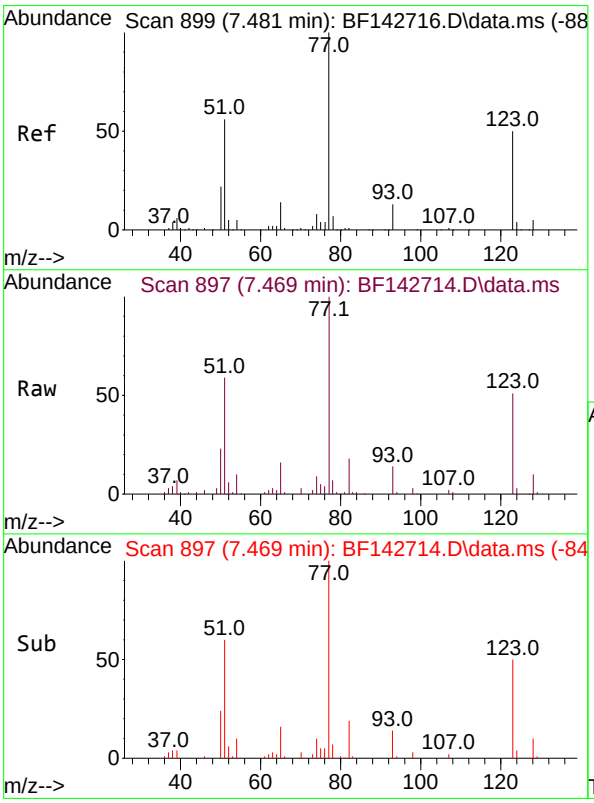
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.8
54	56.0	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

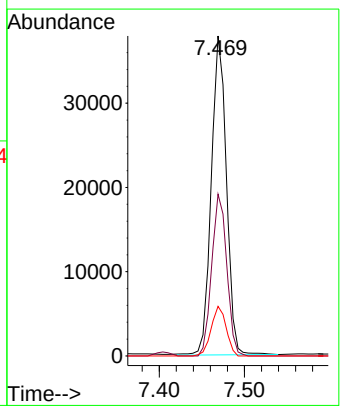
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

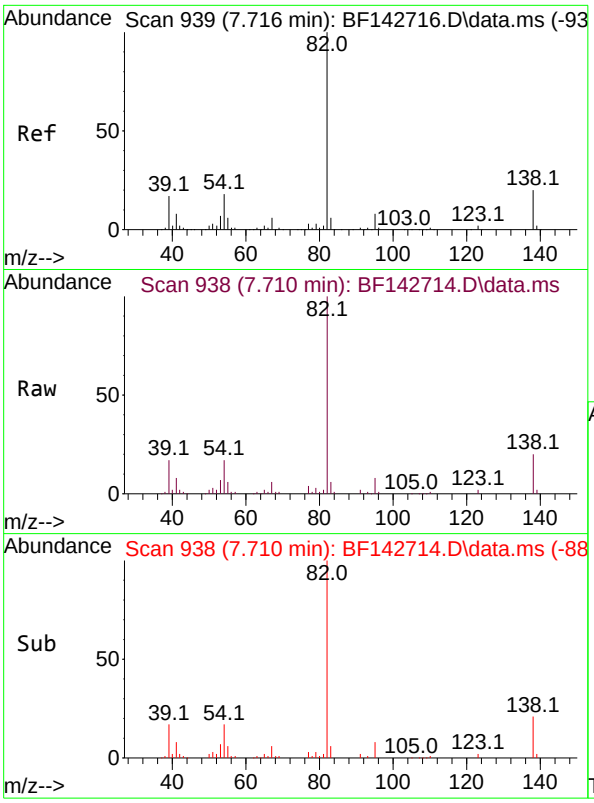


#24
Nitrobenzene
Concen: 9.556 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

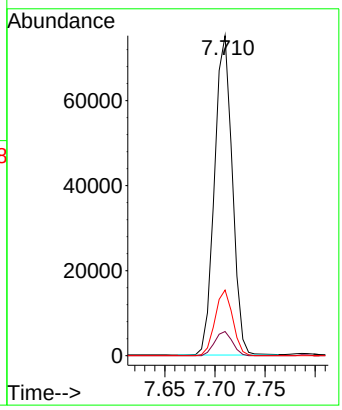




#25
Isophorone
Concen: 10.409 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 82 Resp: 9243

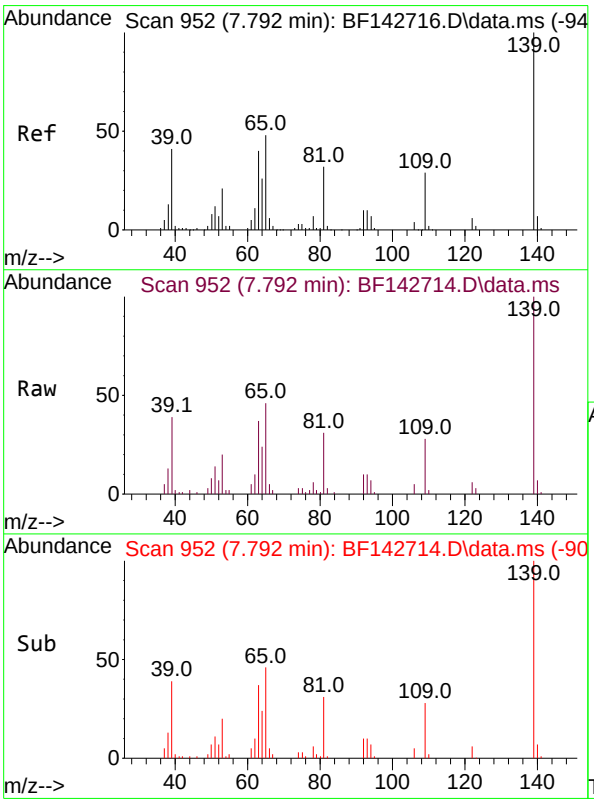
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

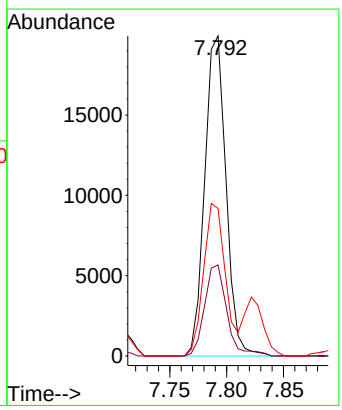
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

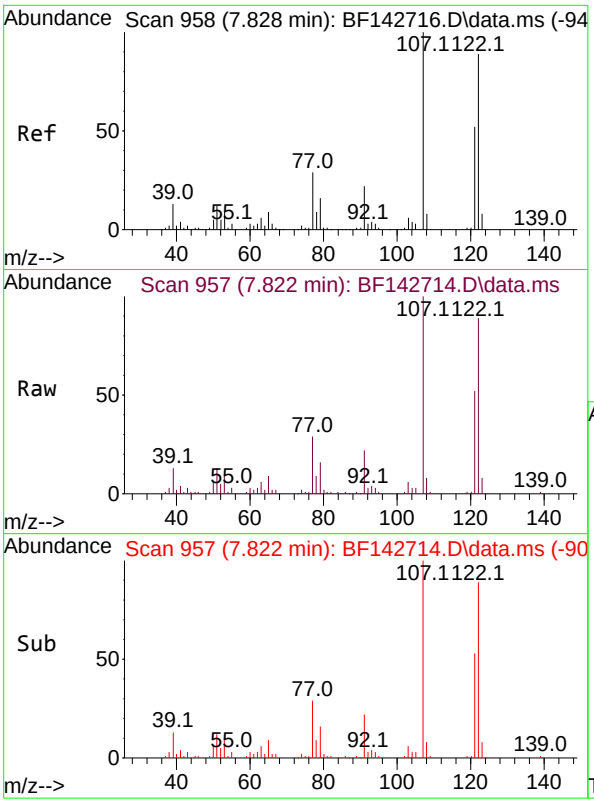


#26
2-Nitrophenol
Concen: 9.646 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

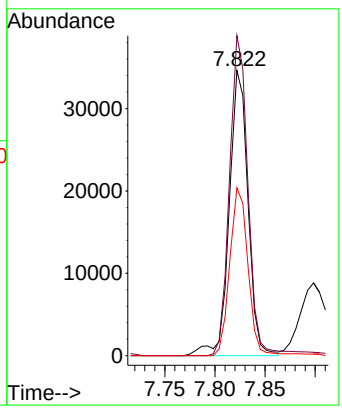




#27
2,4-Dimethylphenol
Concen: 9.823 ng
RT: 7.822 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:122 Resp: 4507

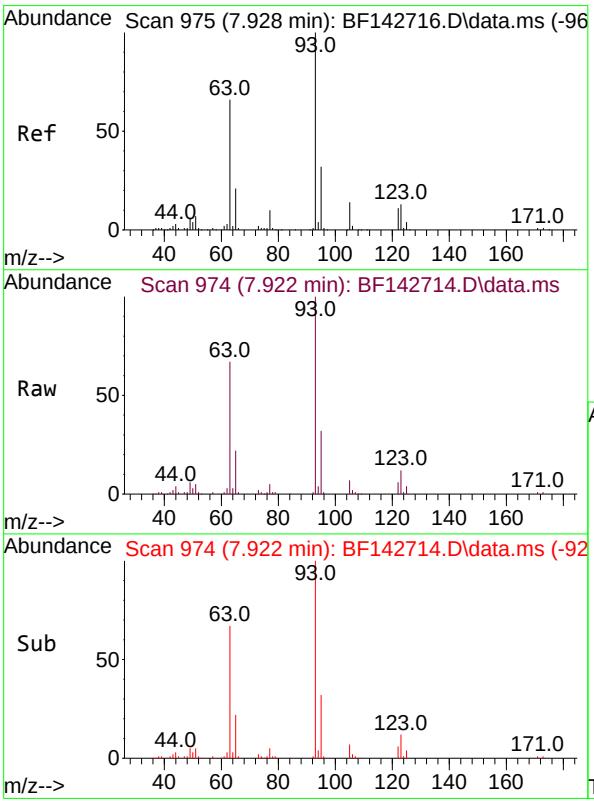
Ion	Ratio	Lower	Upper
122	100		
107	112.2	90.4	135.6
121	58.8	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

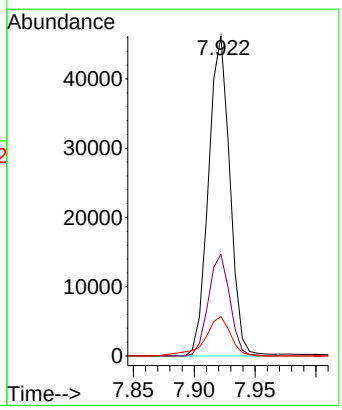
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

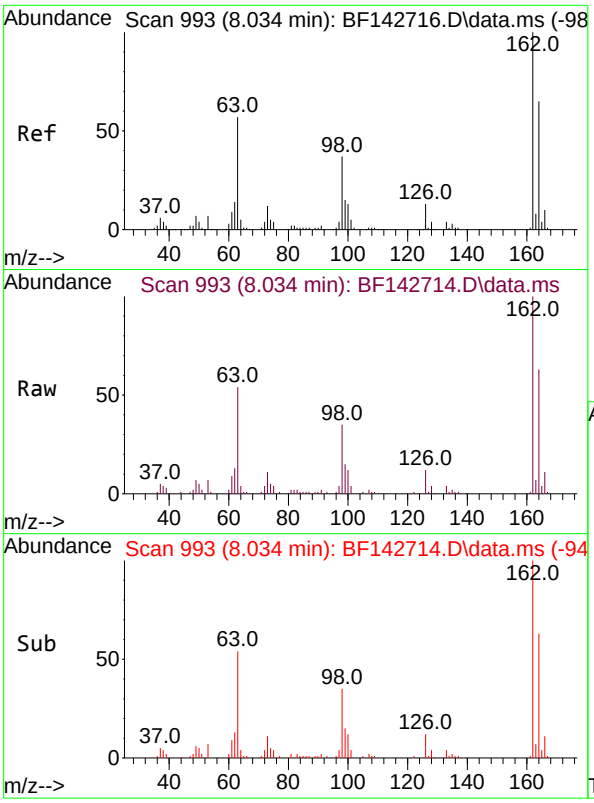


#28
bis(2-Chloroethoxy)methane
Concen: 10.270 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

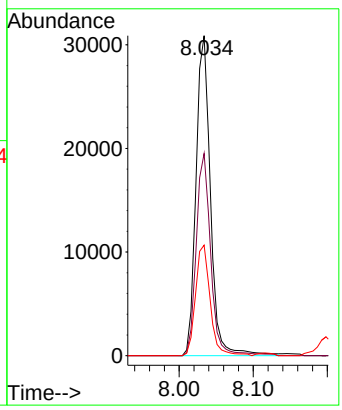




#29
2,4-Dichlorophenol
Concen: 10.033 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:162 Resp: 4184

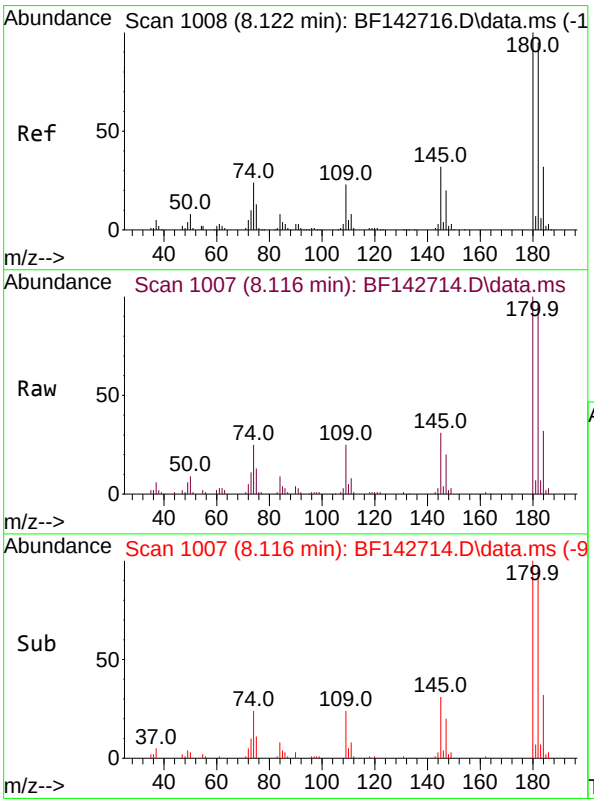
Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.1	85.1
98	34.6	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

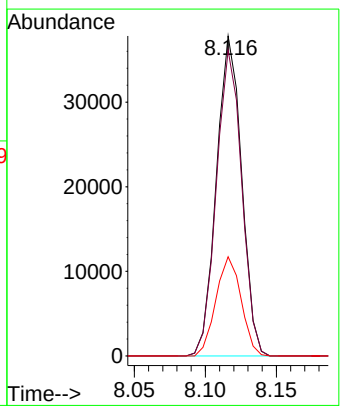
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

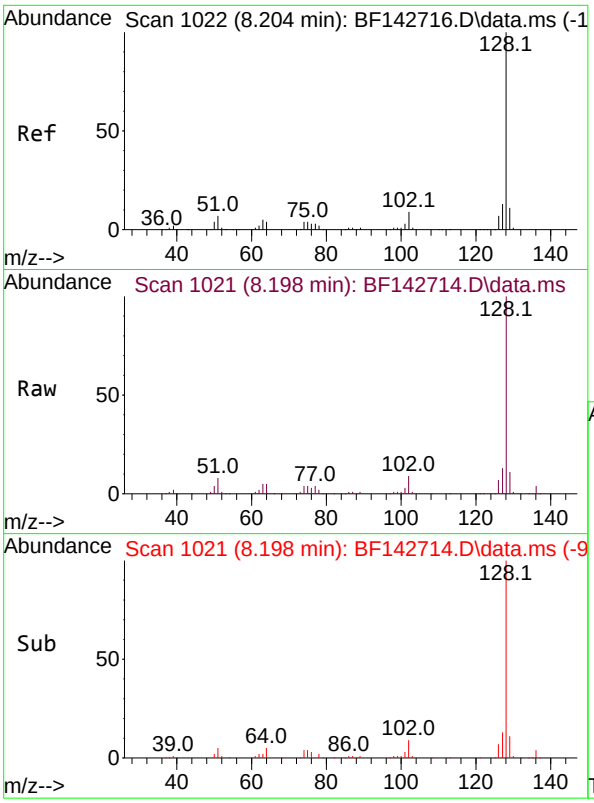


#30
1,2,4-Trichlorobenzene
Concen: 10.130 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

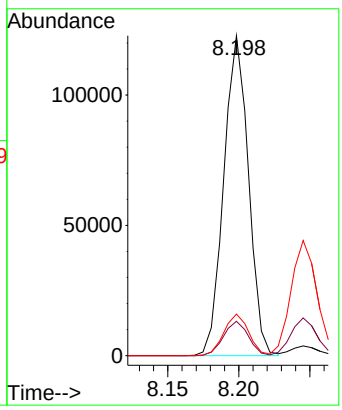




#31
Naphthalene
Concen: 10.116 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:128 Resp: 14839

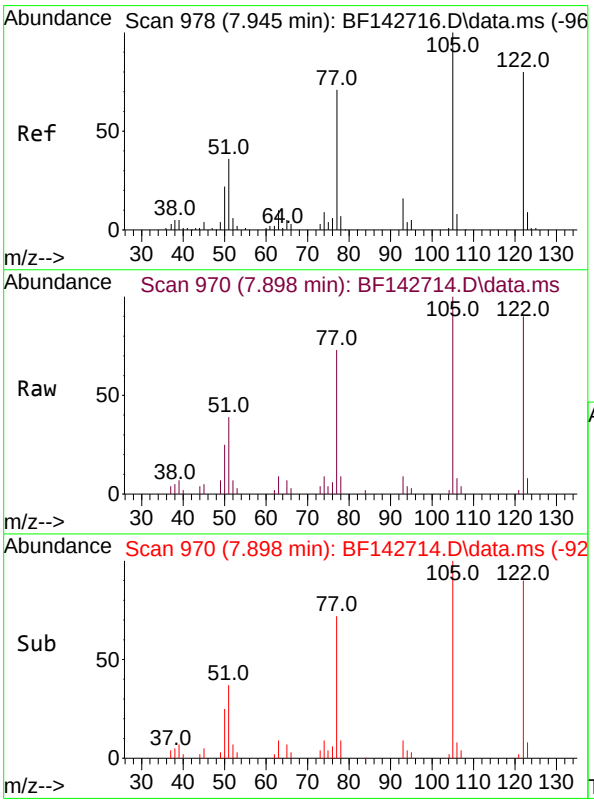
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

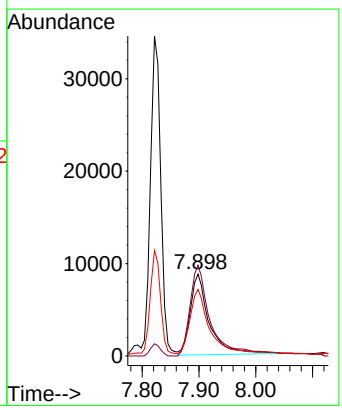
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

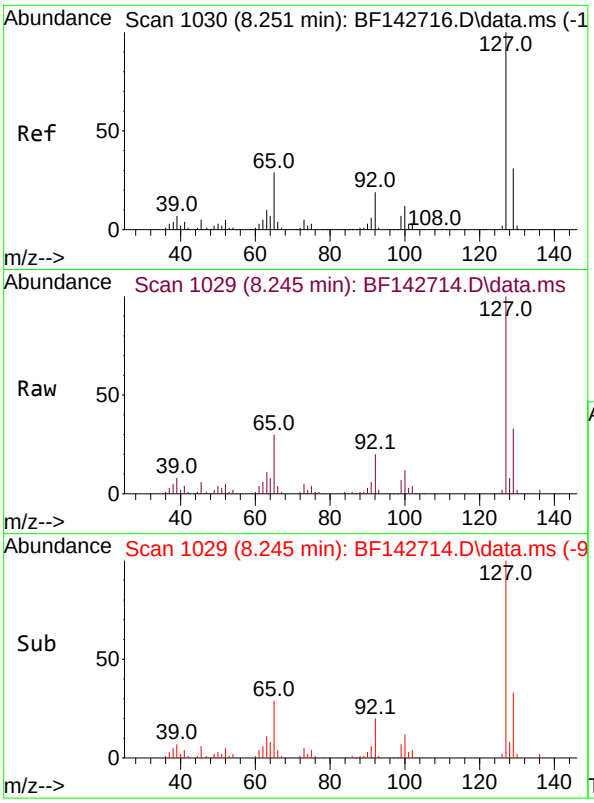


#32
Benzoic acid
Concen: 7.420 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.047 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

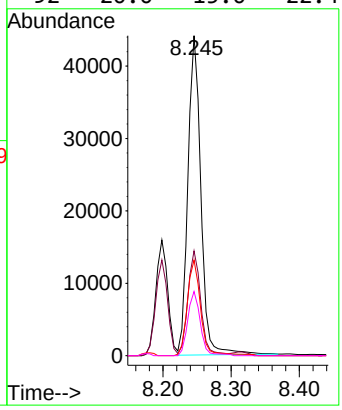




#33
4-Chloroaniline
Concen: 9.627 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:127 Resp: 5795

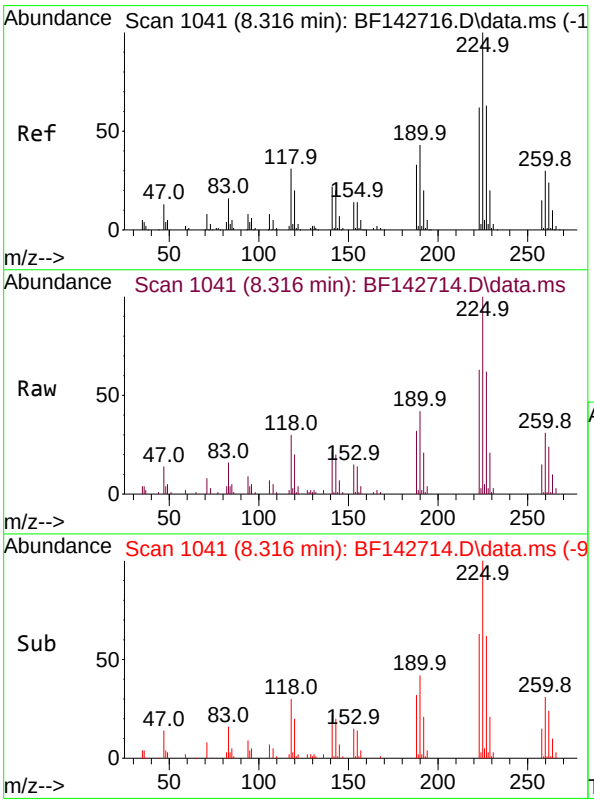
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	29.8	23.0	34.4
92	20.0	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

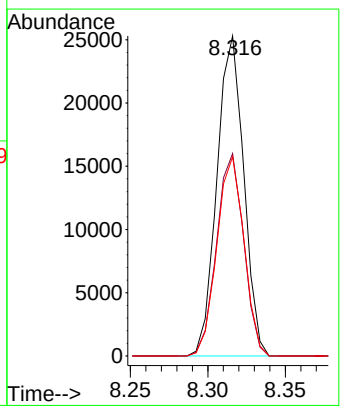
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

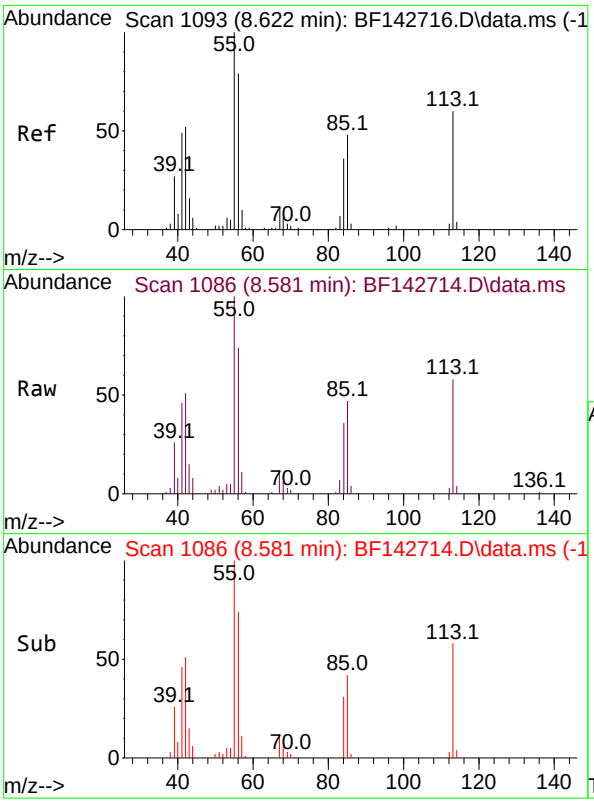


#34
Hexachlorobutadiene
Concen: 10.686 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

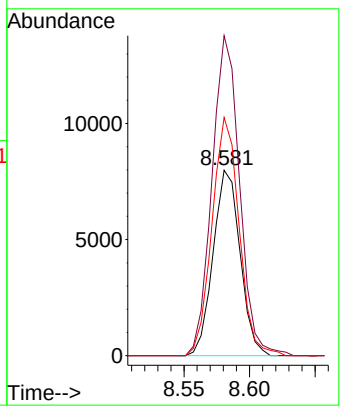
Tgt Ion:113 Resp: 1140

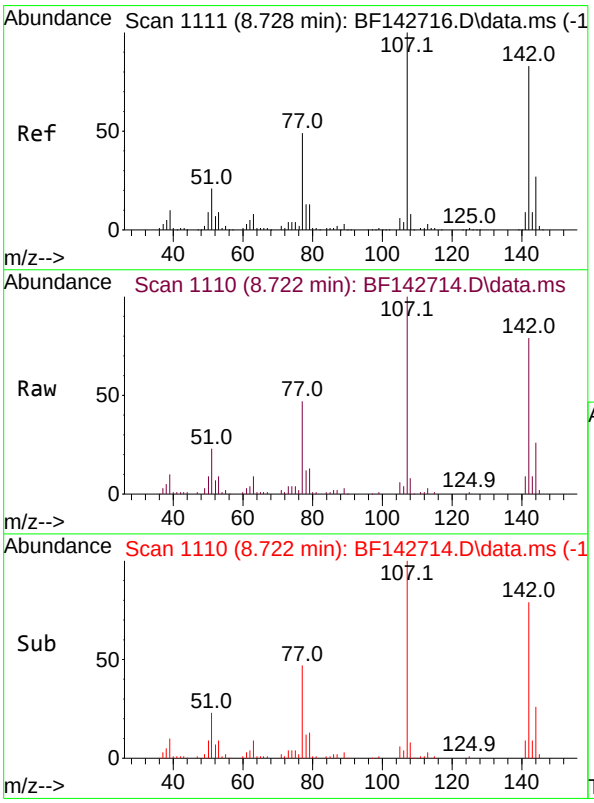
Ion	Ratio	Lower	Upper
113	100		
55	172.5	147.9	187.9
56	128.5	111.9	151.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

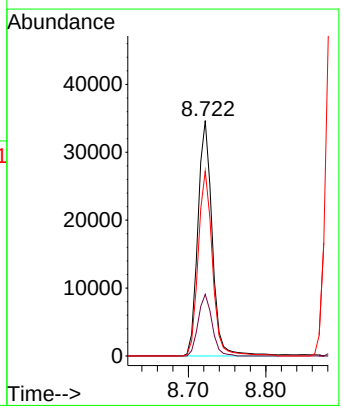


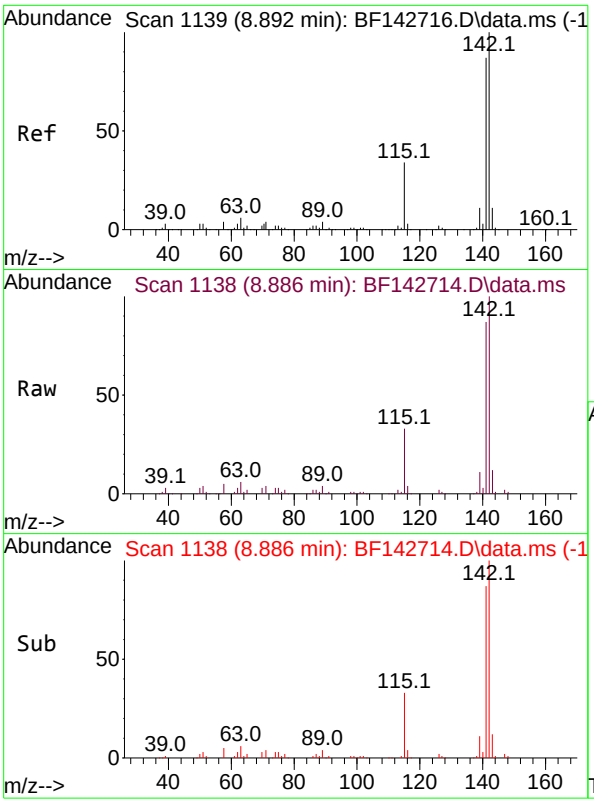


#36
4-Chloro-3-methylphenol
Concen: 10.173 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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# 11
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

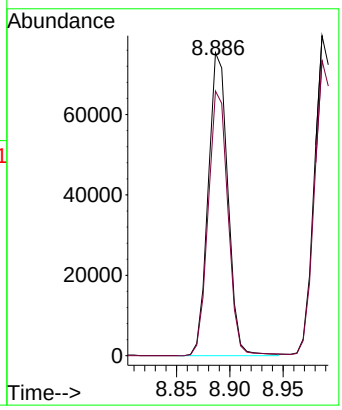
Tgt Ion:142 Resp: 9665

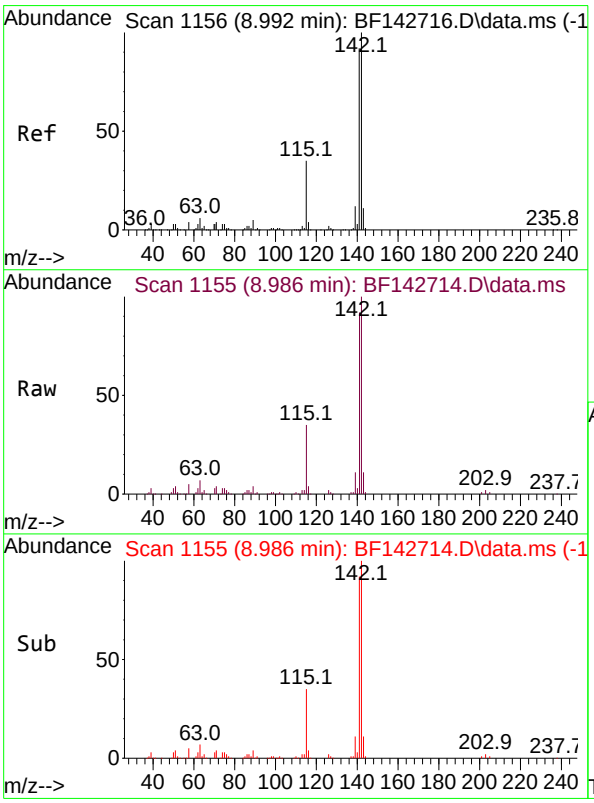
Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

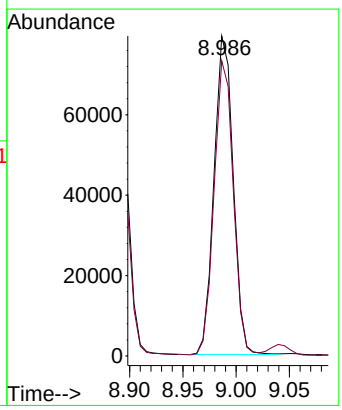


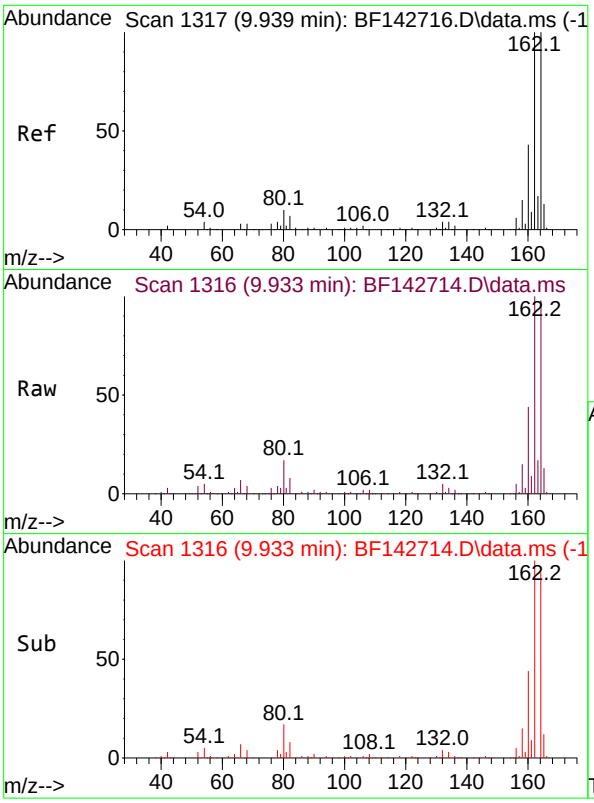


#38
1-Methylnaphthalene
Concen: 10.283 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

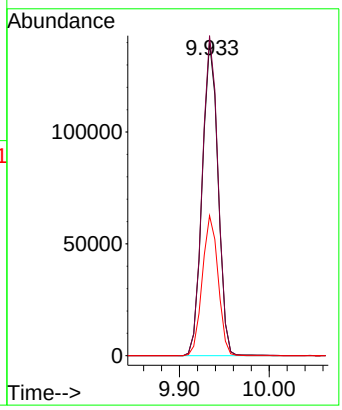
Tgt Ion:164 Resp: 17129

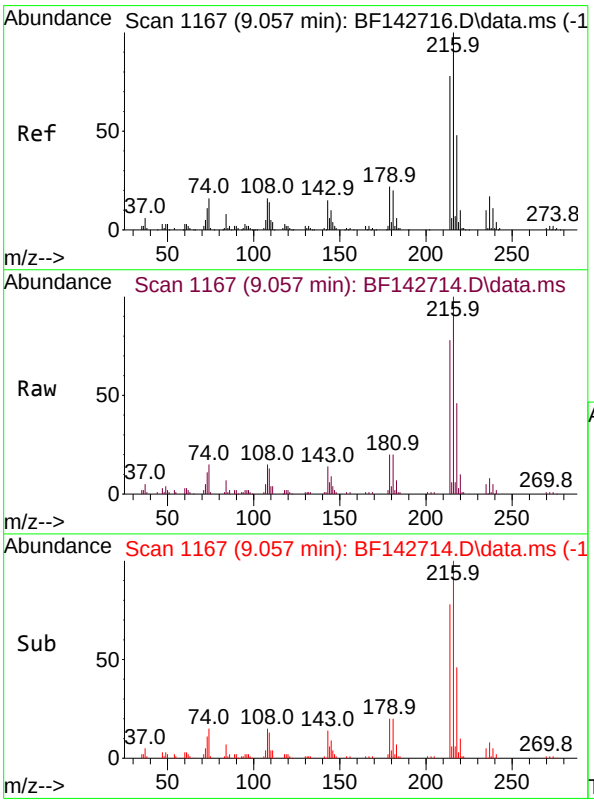
Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	44.6	34.8	52.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

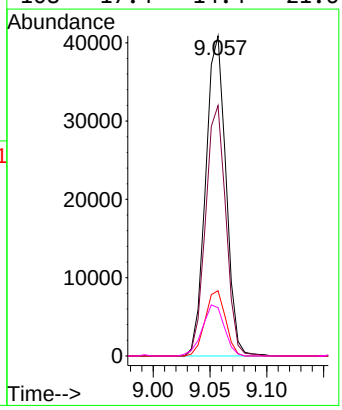


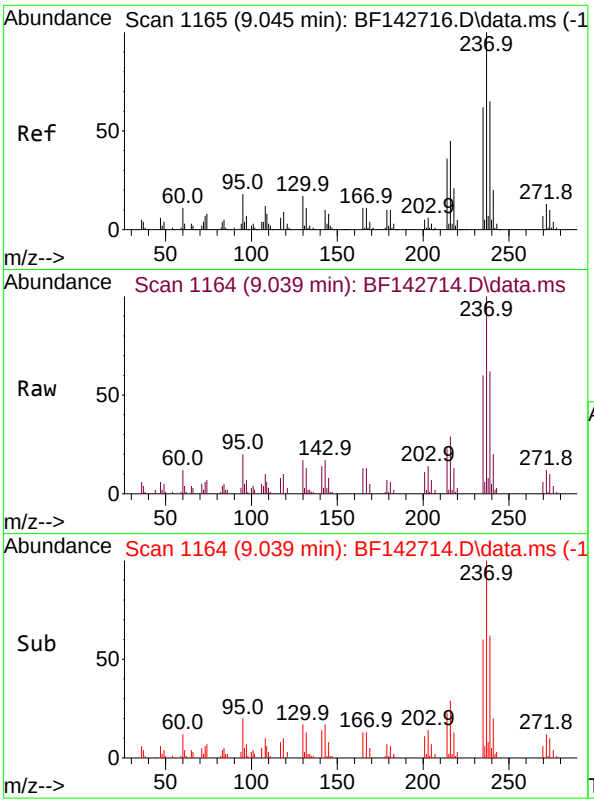


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.170 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

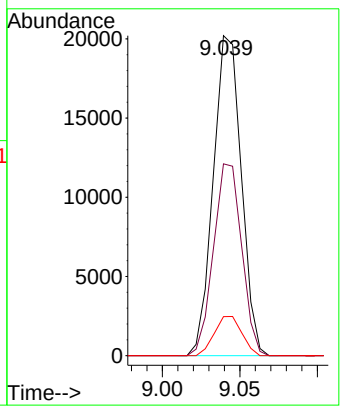




#41
Hexachlorocyclopentadiene
Concen: 8.555 ng
RT: 9.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:237 Resp: 2542

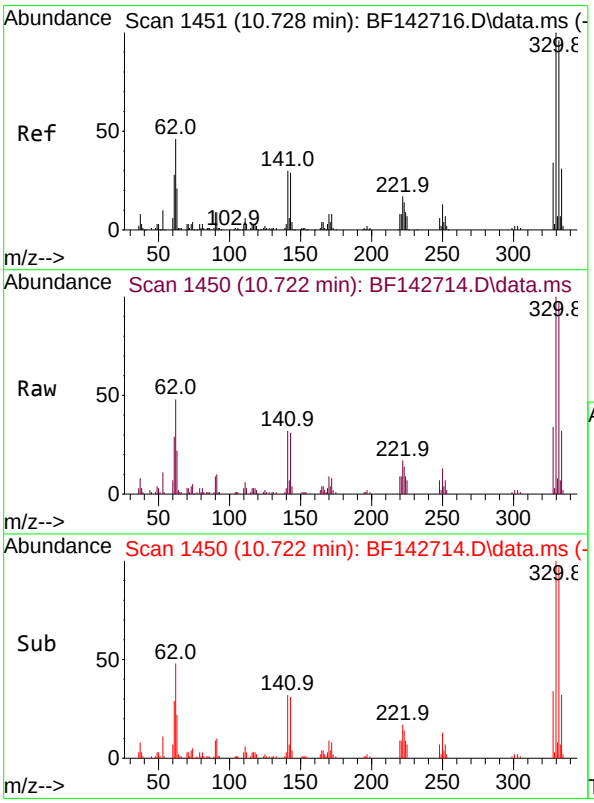
Ion	Ratio	Lower	Upper
237	100		
235	60.0	41.9	81.9
272	12.2	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

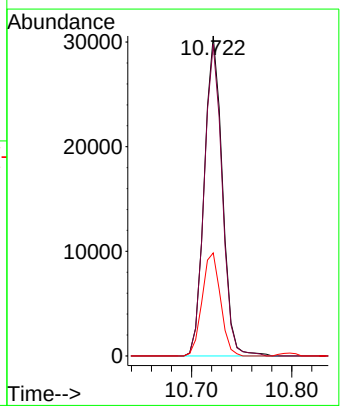
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

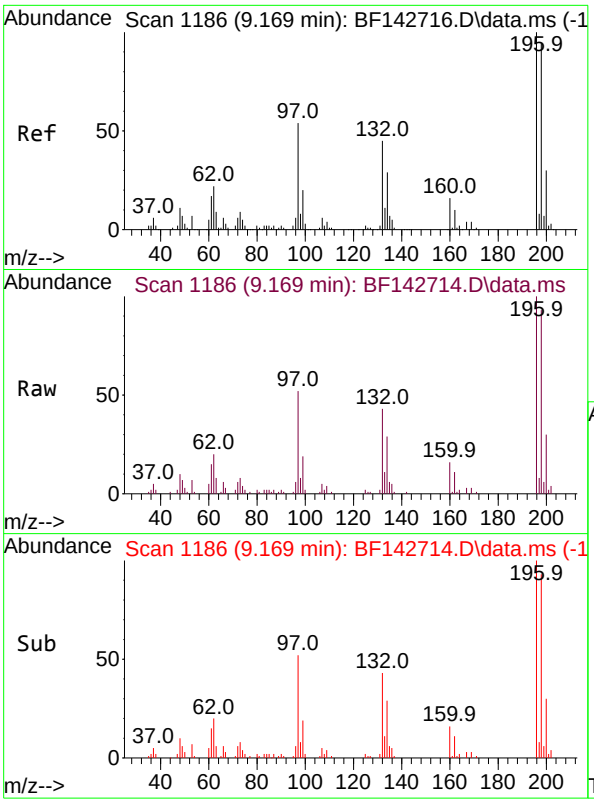


#42
2,4,6-Tribromophenol
Concen: 19.941 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

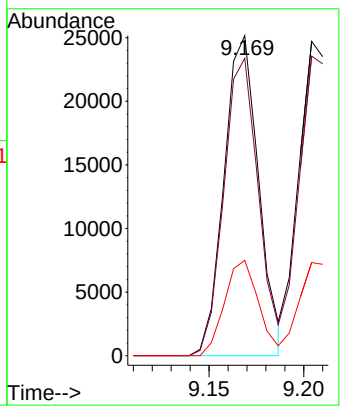




#43
2,4,6-Trichlorophenol
Concen: 9.820 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:196 Resp: 3196

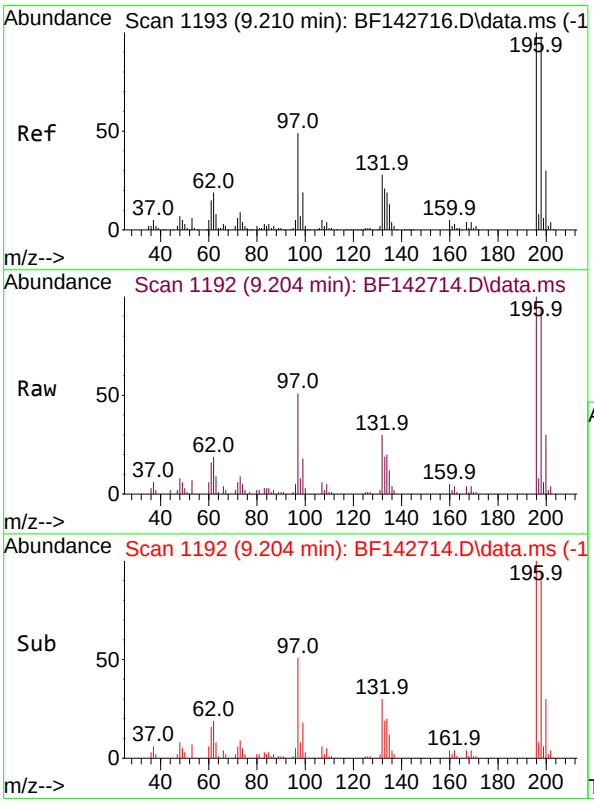
Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.5	113.3
200	29.8	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

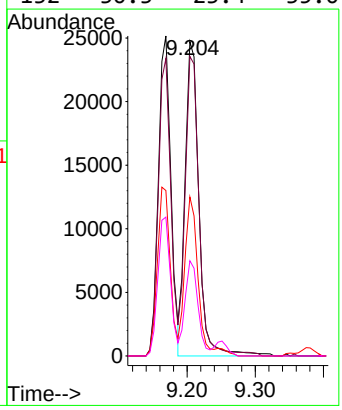
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

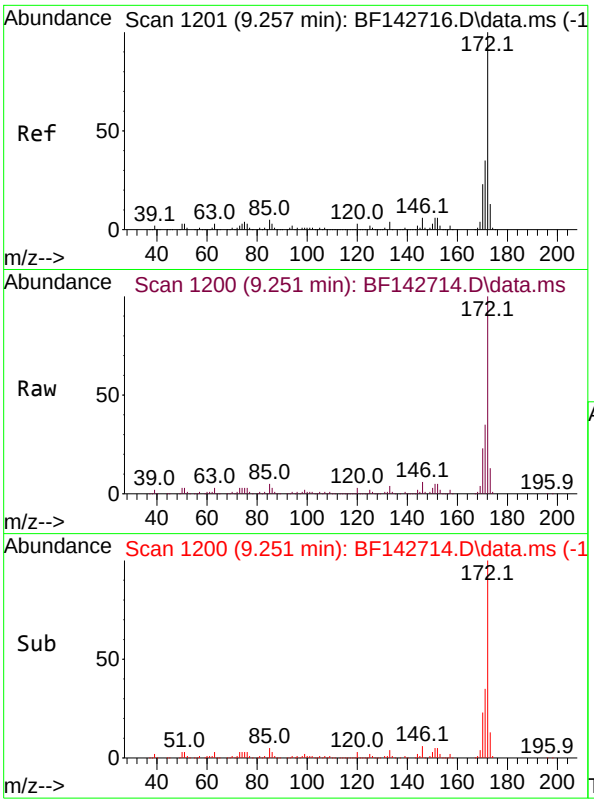


#44
2,4,5-Trichlorophenol
Concen: 9.940 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

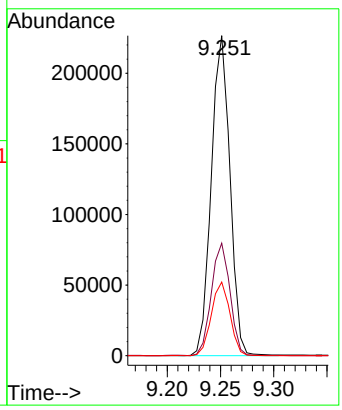




#45
2-Fluorobiphenyl
Concen: 21.861 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:172 Resp: 27575

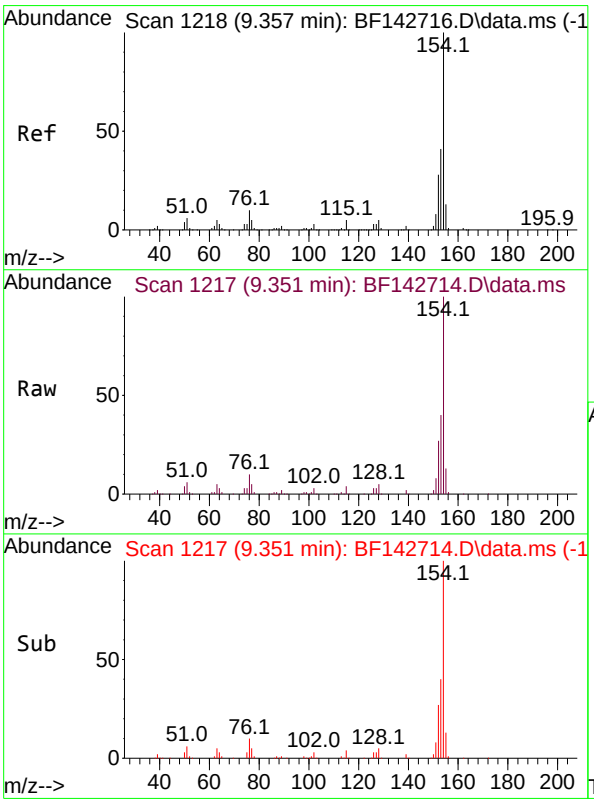
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.0	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

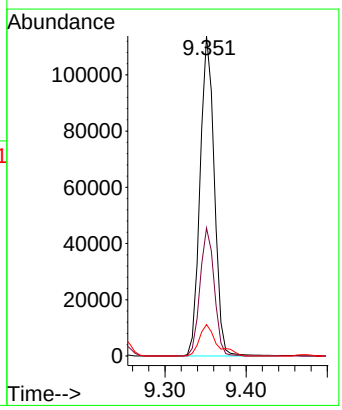
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

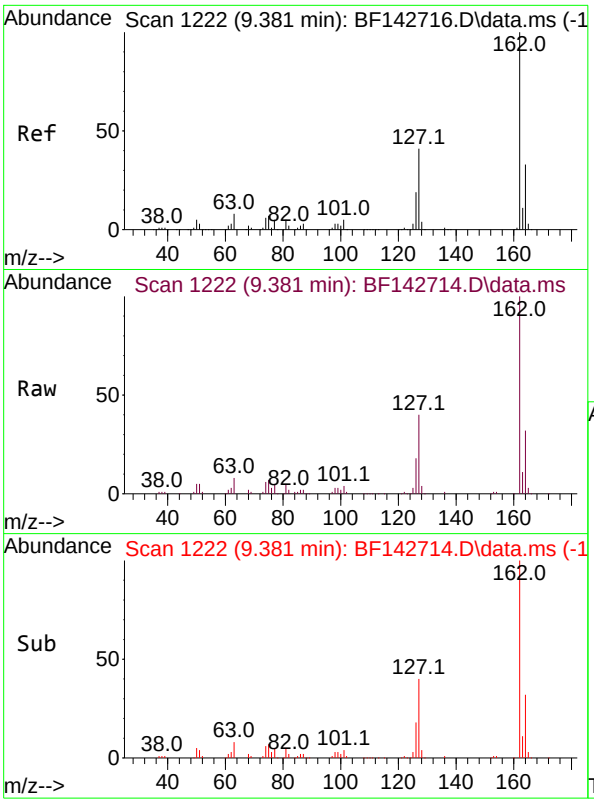


#46
1,1'-Biphenyl
Concen: 10.404 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

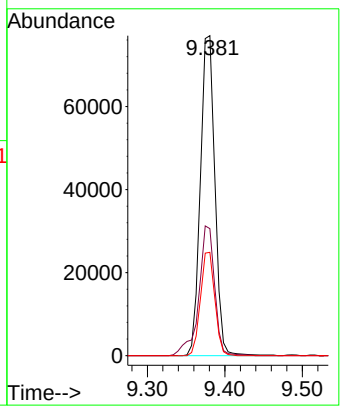




#47
2-Chloronaphthalene
Concen: 10.076 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:162 Resp: 10037

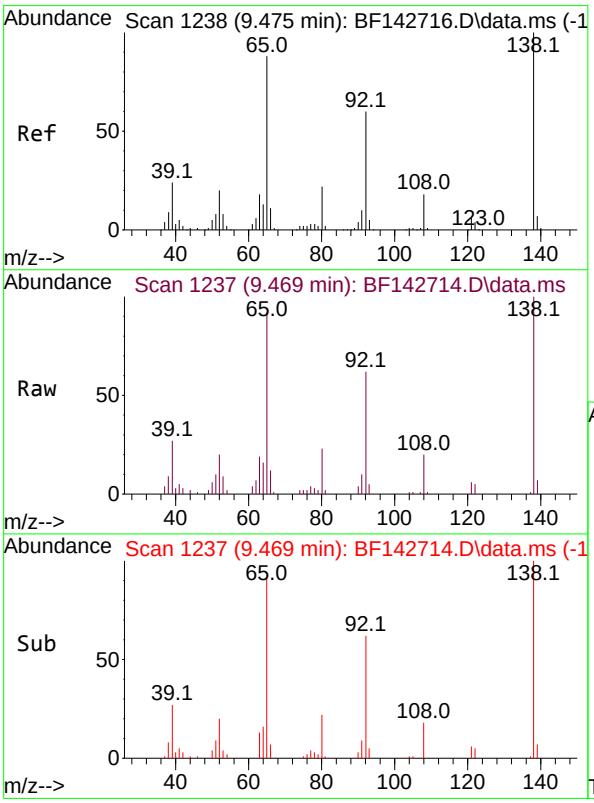
Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.5	50.3
164	32.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

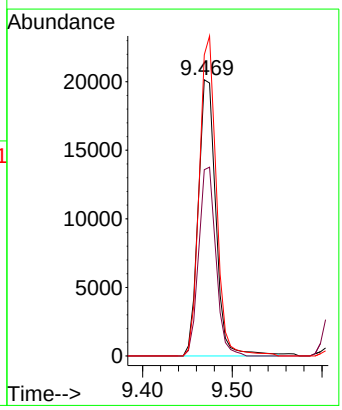
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

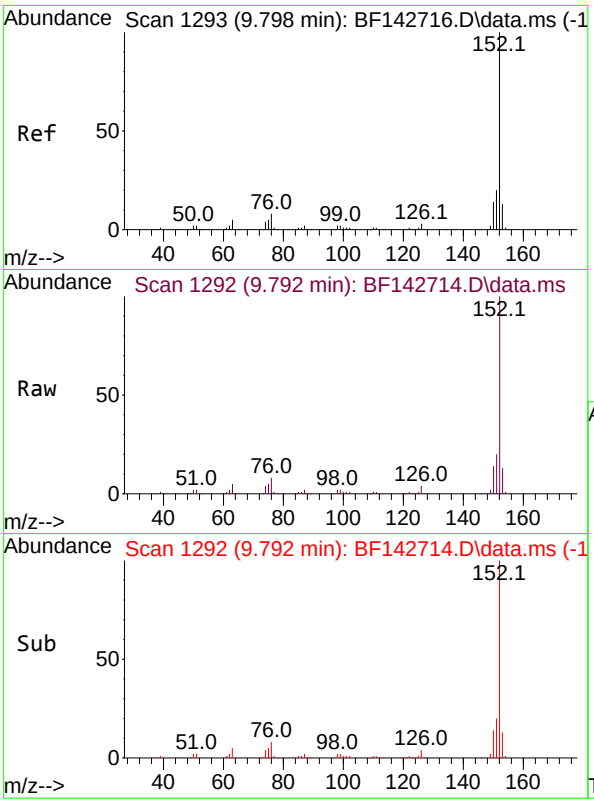


#48
2-Nitroaniline
Concen: 9.351 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

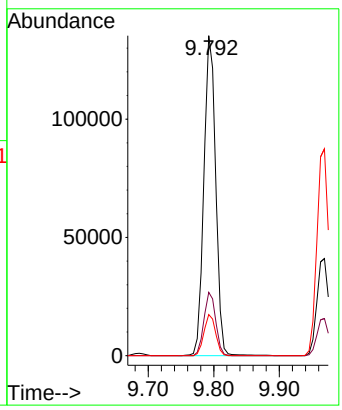




#49
Acenaphthylene
Concen: 10.293 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:152 Resp: 17008

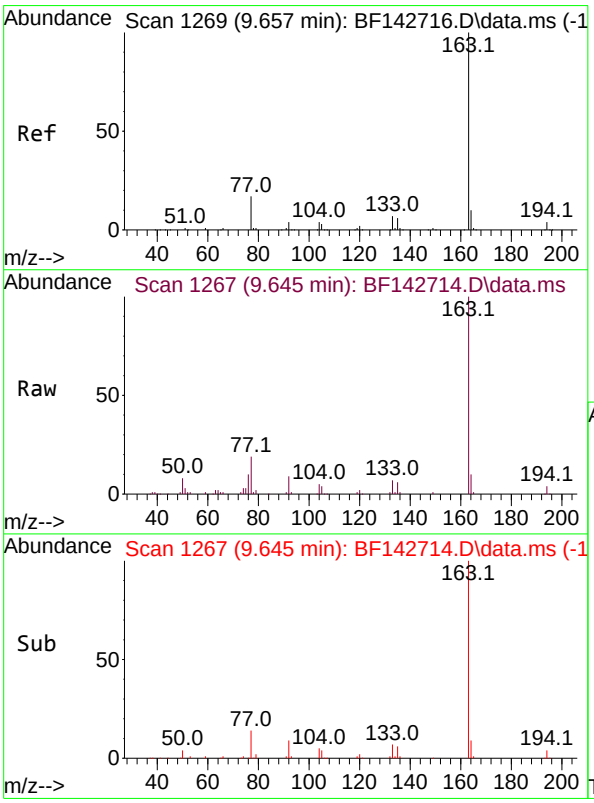
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.8	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

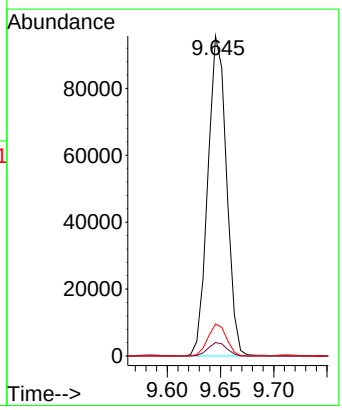
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

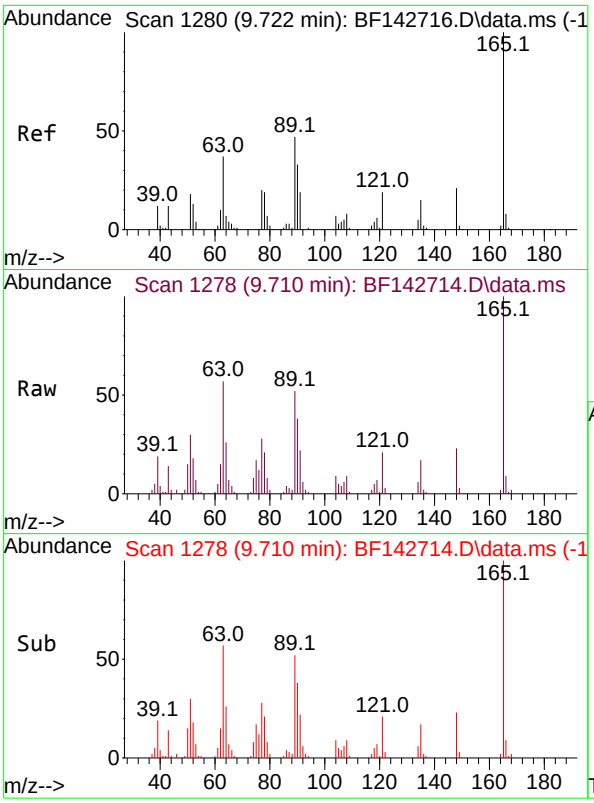


#50
Dimethylphthalate
Concen: 10.171 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

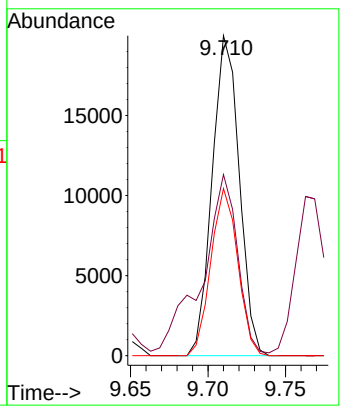




#51
2,6-Dinitrotoluene
Concen: 9.703 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:165 Resp: 2426

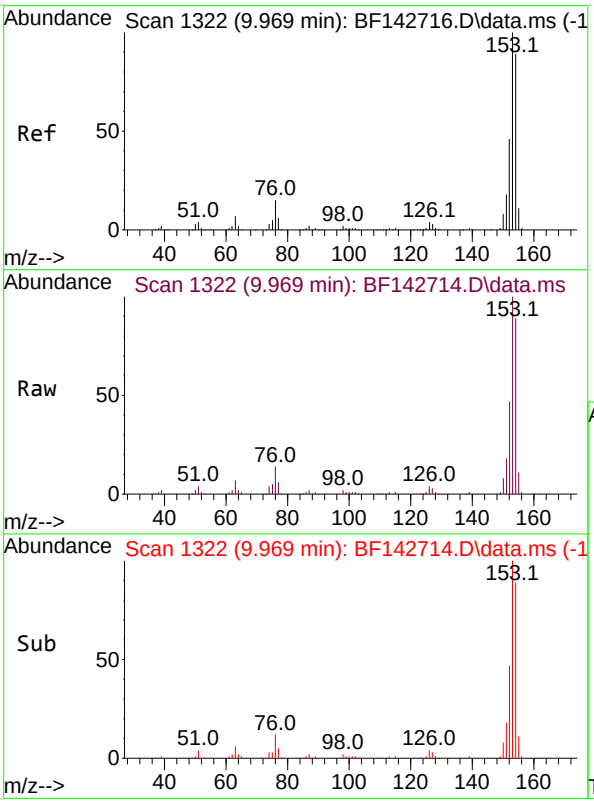
Ion	Ratio	Lower	Upper
165	100		
63	56.6	40.6	60.8
89	52.3	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

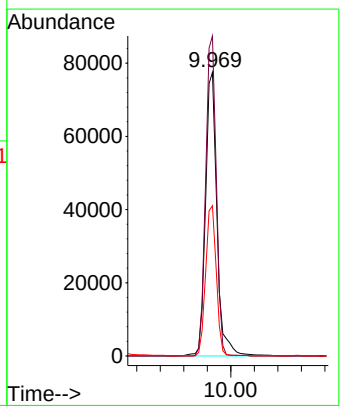
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

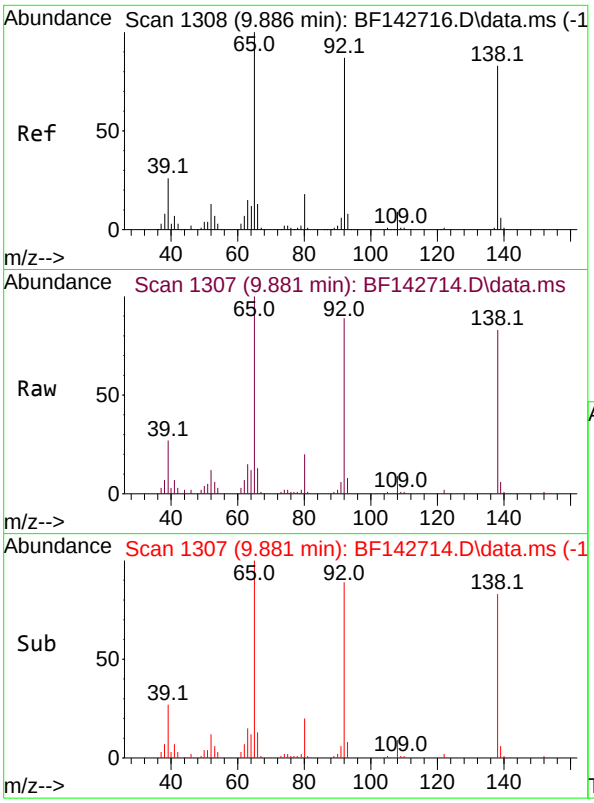


#52
Acenaphthene
Concen: 10.345 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

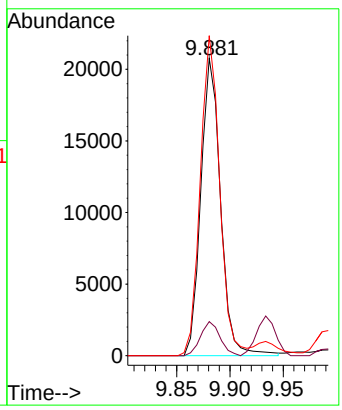
Tgt Ion:138 Resp: 2681

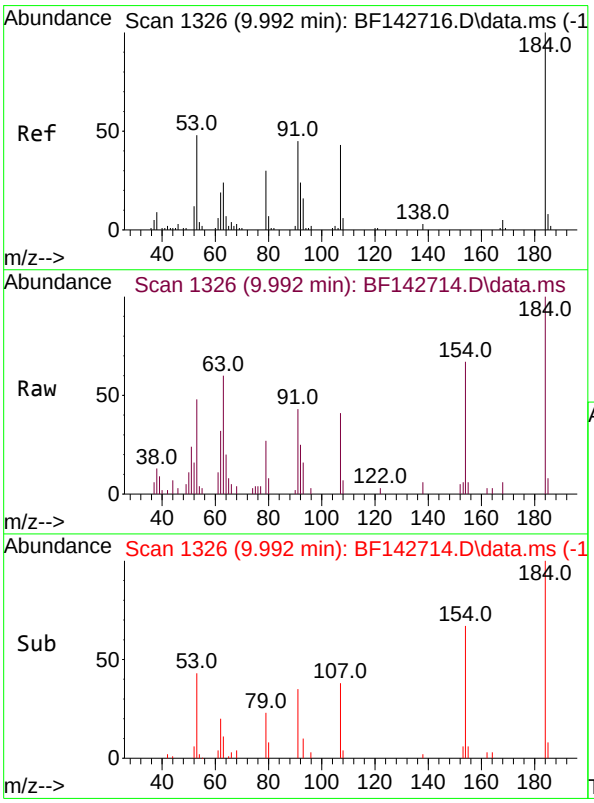
Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.3	12.5
92	107.6	84.6	127.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

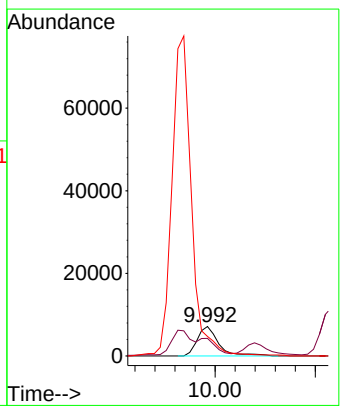


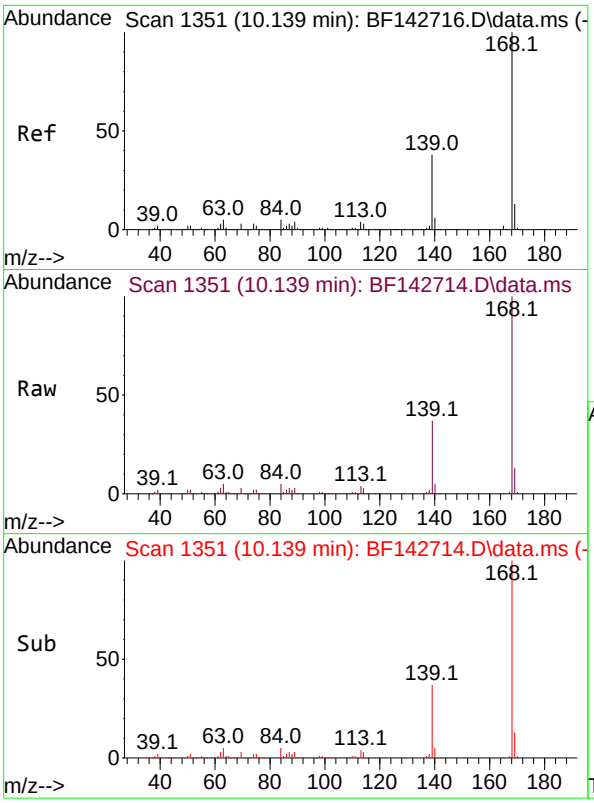


#54
2,4-Dinitrophenol
Concen: 7.649 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

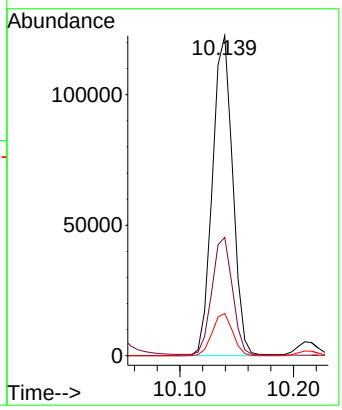




#55
Dibenzofuran
Concen: 10.482 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:168 Resp: 15216

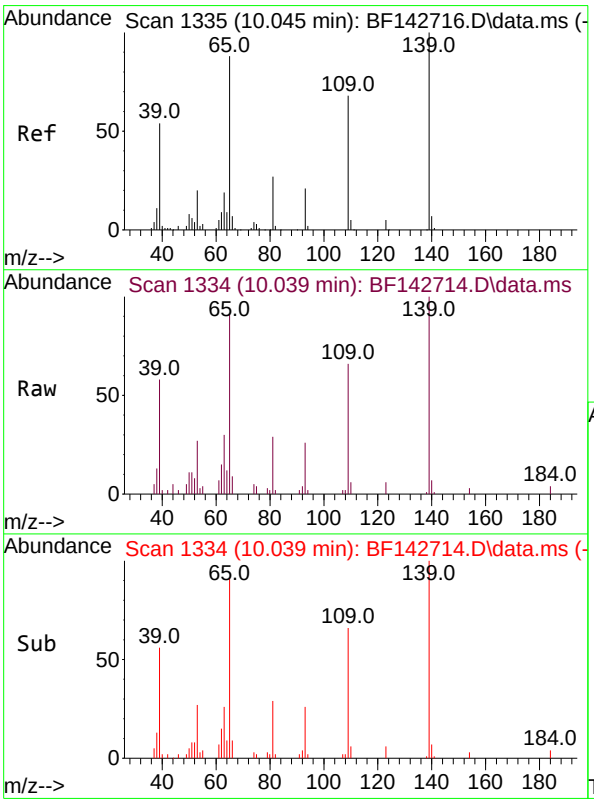
Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.9	46.3
169	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

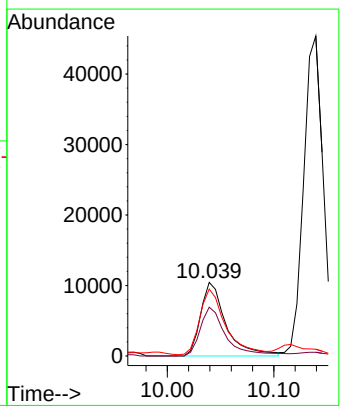
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

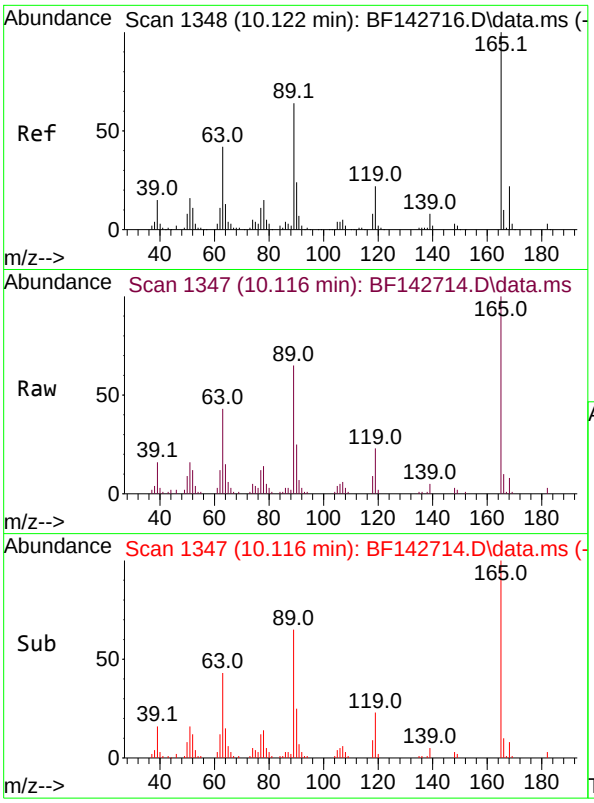


#56
4-Nitrophenol
Concen: 9.141 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

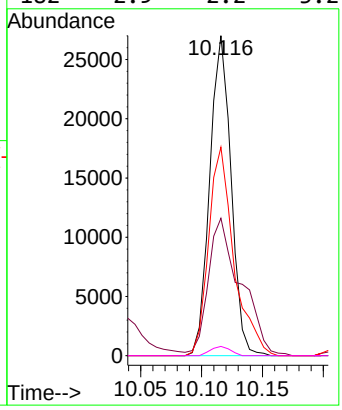




#57
2,4-Dinitrotoluene
Concen: 9.861 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:165 Resp: 3282

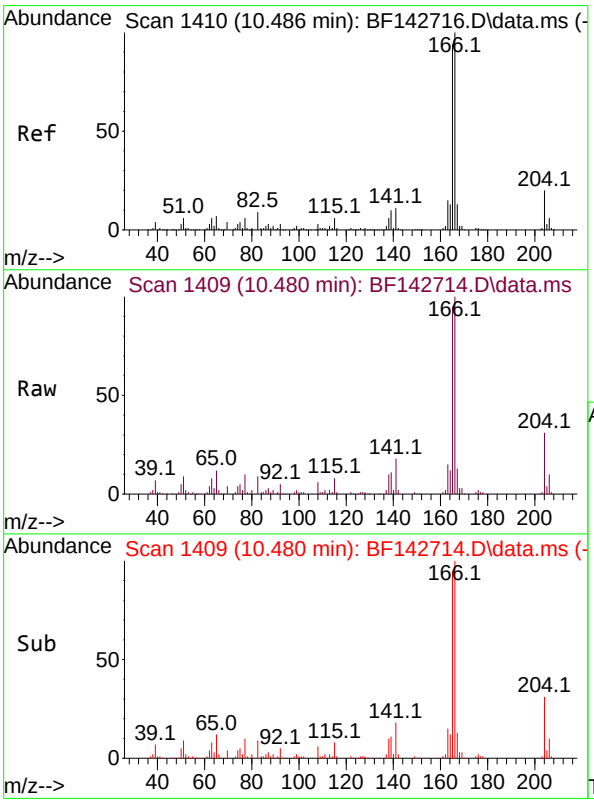
Ion	Ratio	Lower	Upper
165	100		
63	42.9	34.1	51.1
89	65.2	50.8	76.2
182	2.9	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

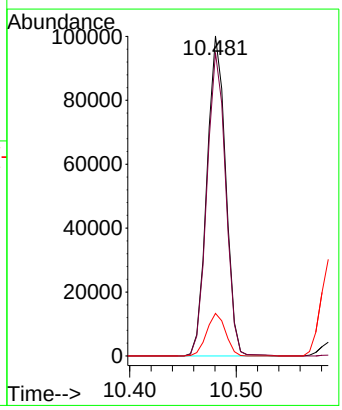
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

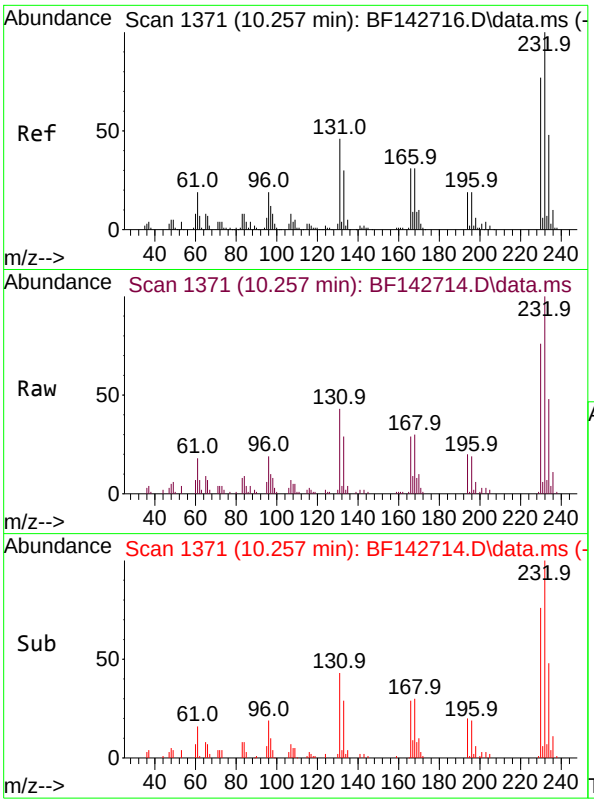


#58
Fluorene
Concen: 10.564 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

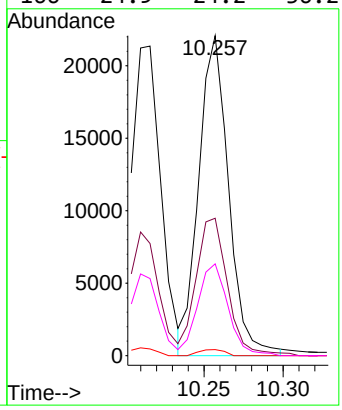




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.042 ng m
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:232 Resp: 2903

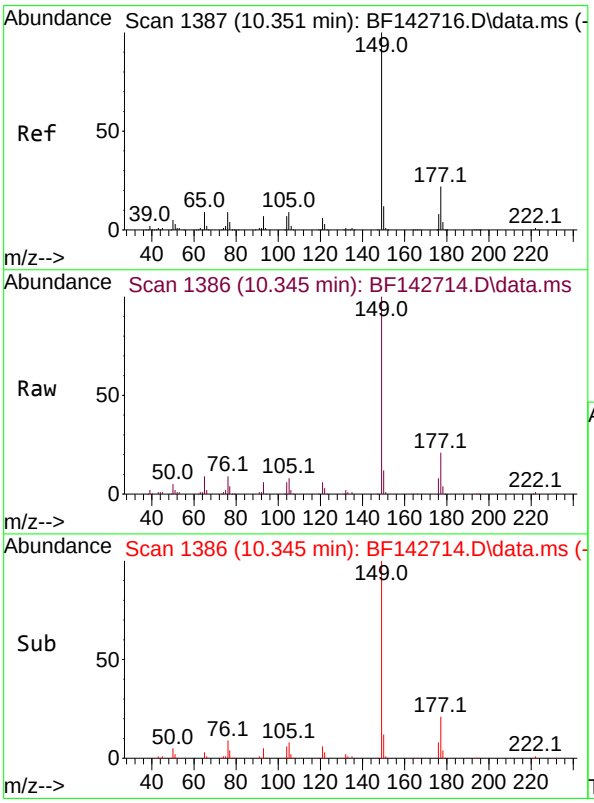
Ion	Ratio	Lower	Upper
232	100		
131	37.9	35.8	53.8
130	2.0	1.8	2.6
166	24.9	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

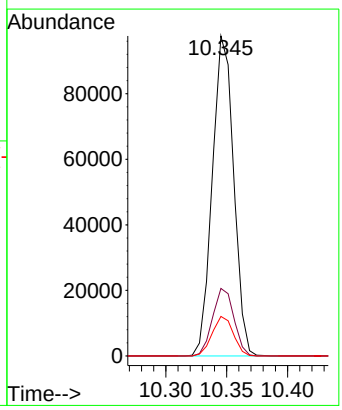
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

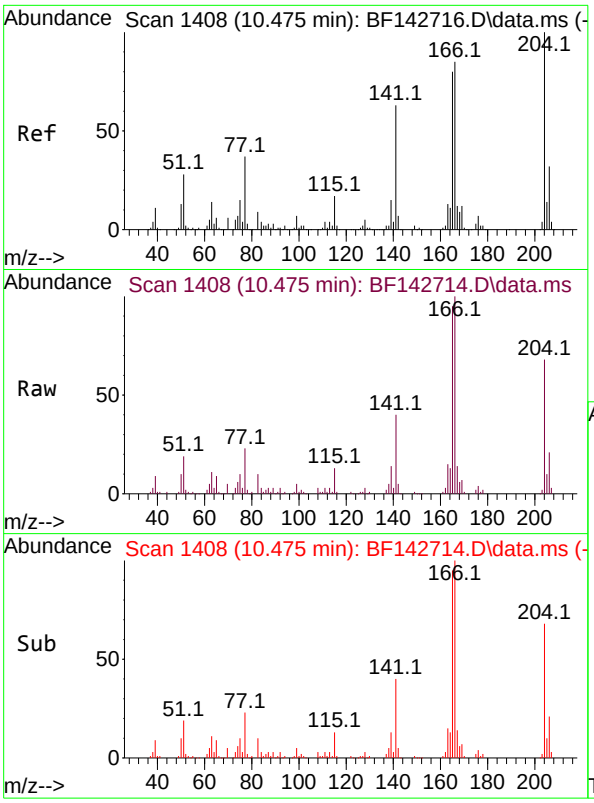


#60
Diethylphthalate
Concen: 10.637 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

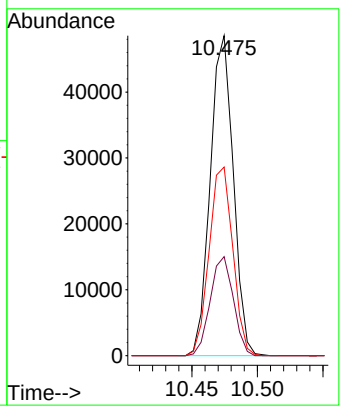
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

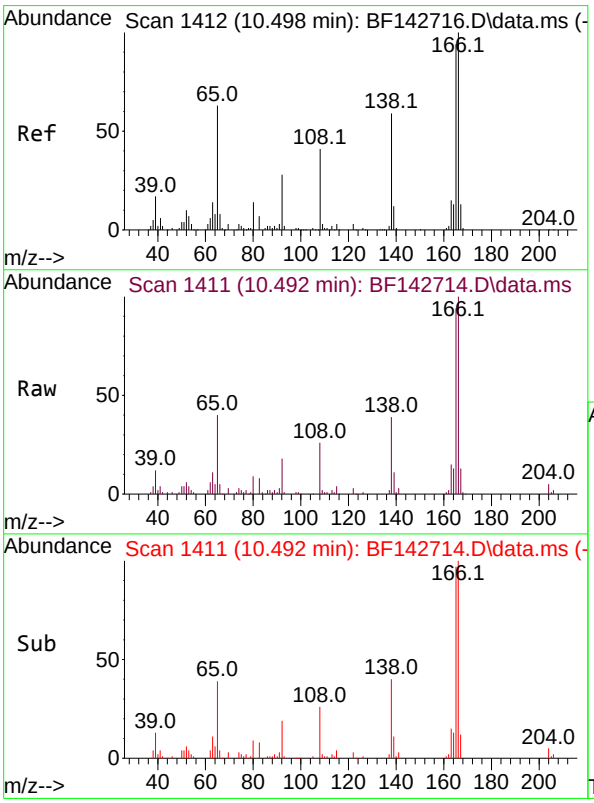
Tgt Ion:204 Resp: 5923

Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.9	38.9
141	58.9	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

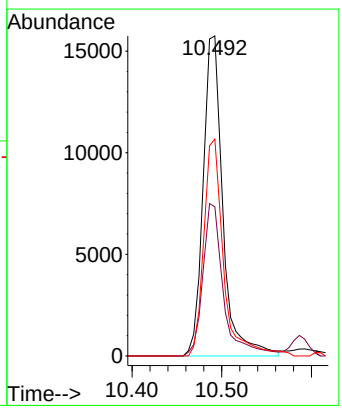


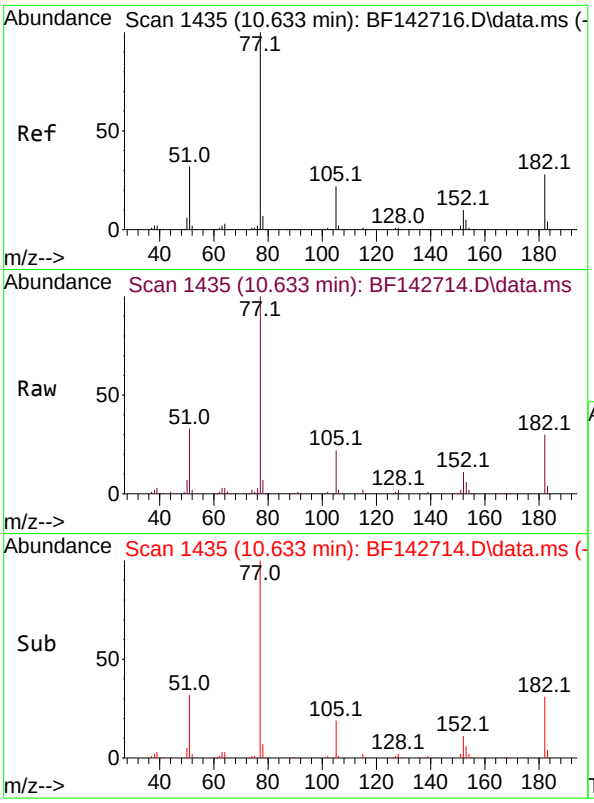


#62
4-Nitroaniline
Concen: 9.231 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

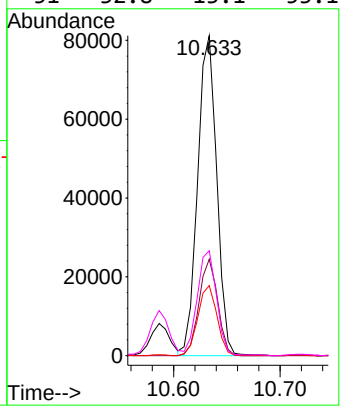




#63
Azobenzene
Concen: 10.110 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion: 77 Resp: 10159

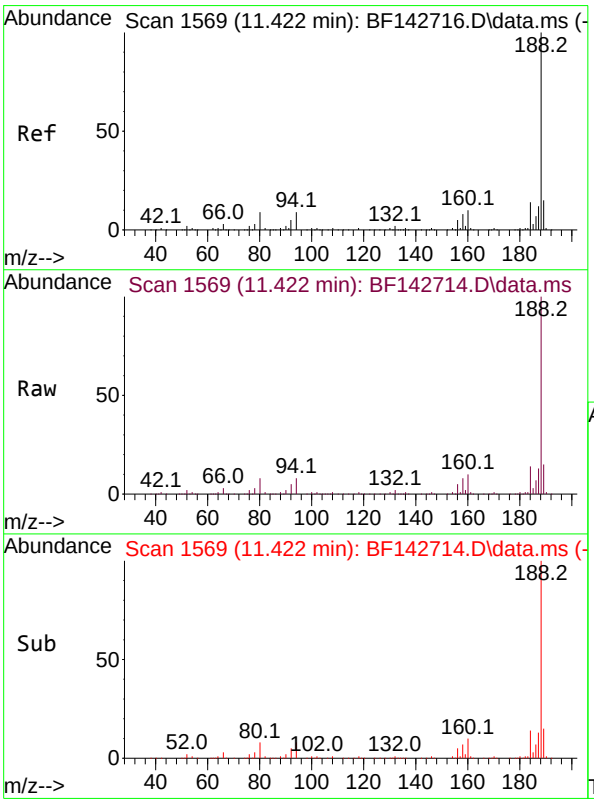
Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.8	47.8
105	21.9	1.9	41.9
51	32.8	13.1	53.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

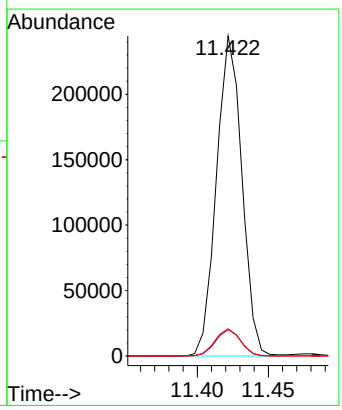
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

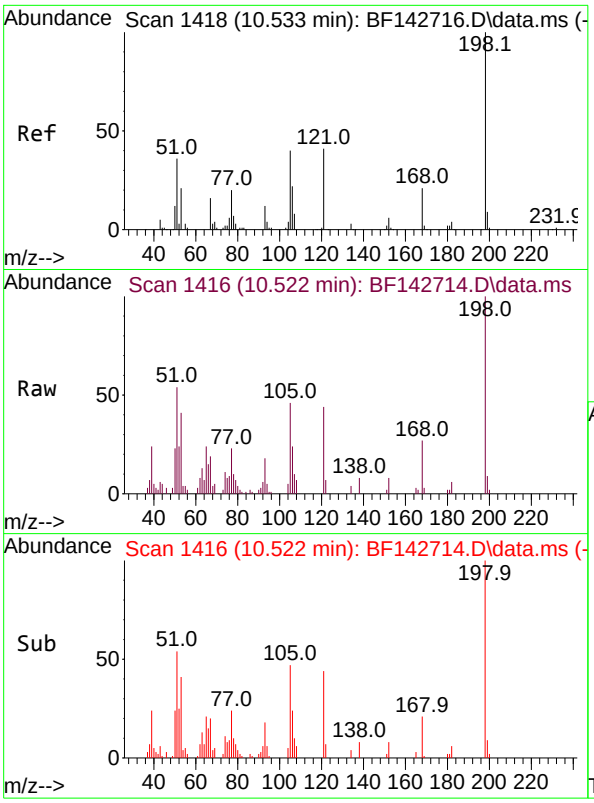


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

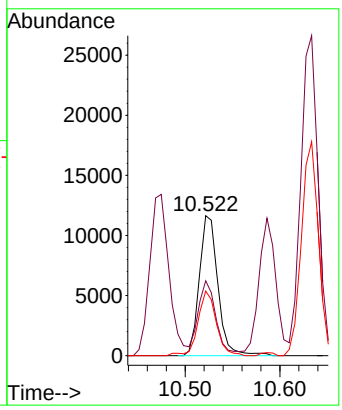
Tgt Ion:198 Resp: 1588

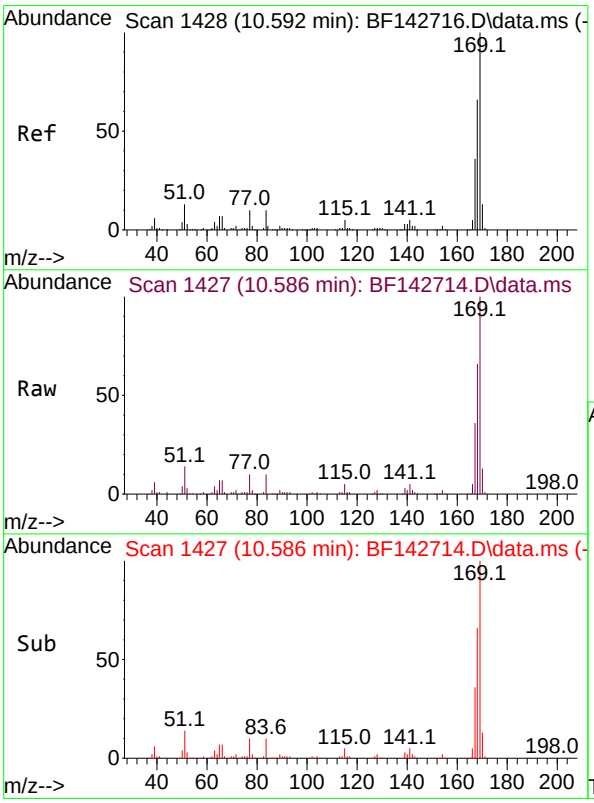
Ion	Ratio	Lower	Upper
198	100		
51	53.5	25.5	65.5
105	46.2	21.1	61.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

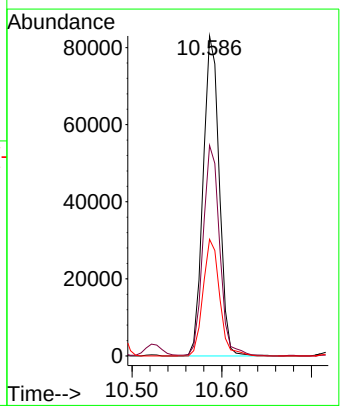


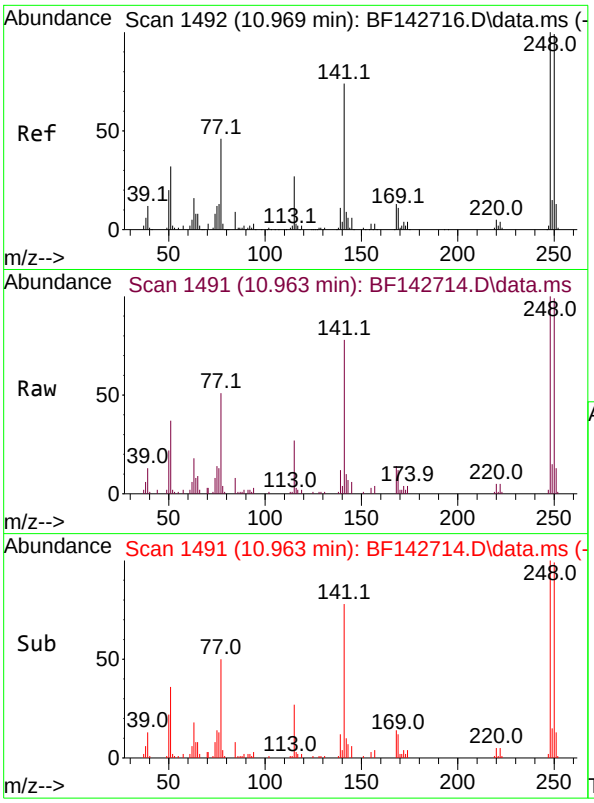


#66
n-Nitrosodiphenylamine
Concen: 10.526 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

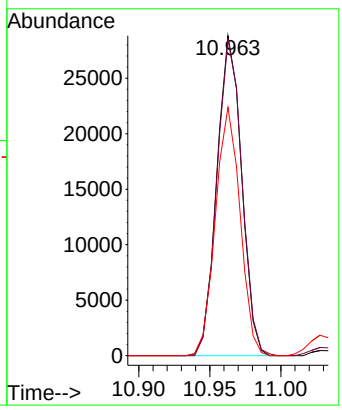




#67
4-Bromophenyl-phenylether
Concen: 10.364 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:248 Resp: 3489

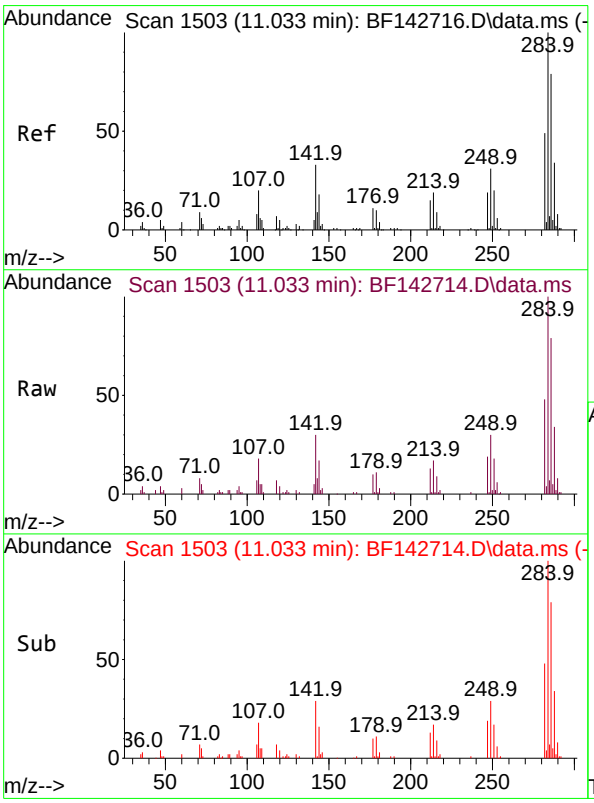
Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.2	118.8
141	77.6	59.3	88.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

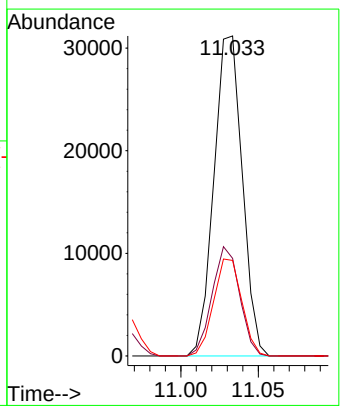
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

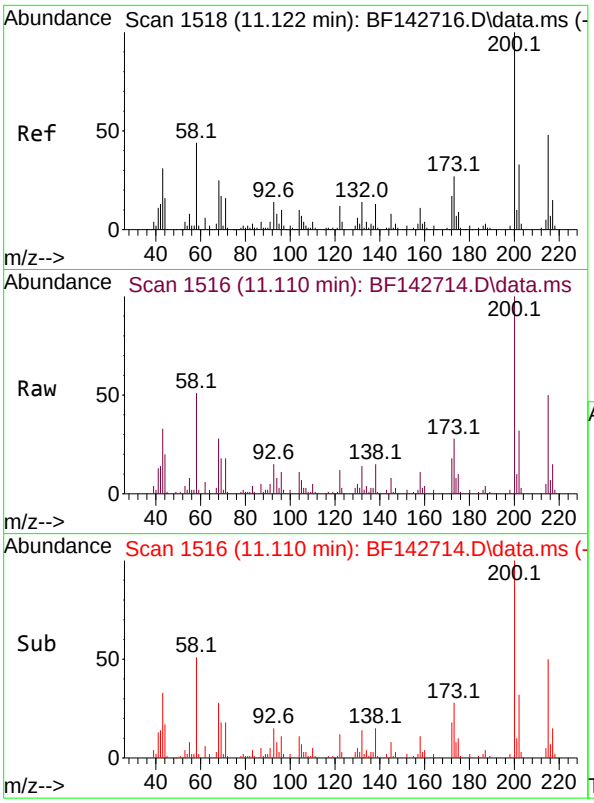


#68
Hexachlorobenzene
Concen: 10.331 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

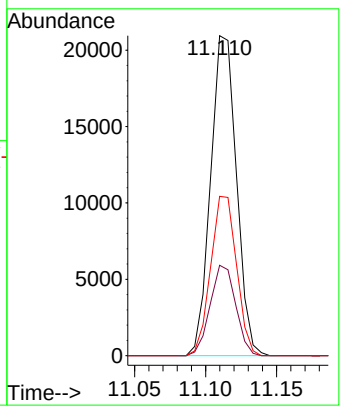




#69
Atrazine
Concen: 9.090 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:200 Resp: 2653

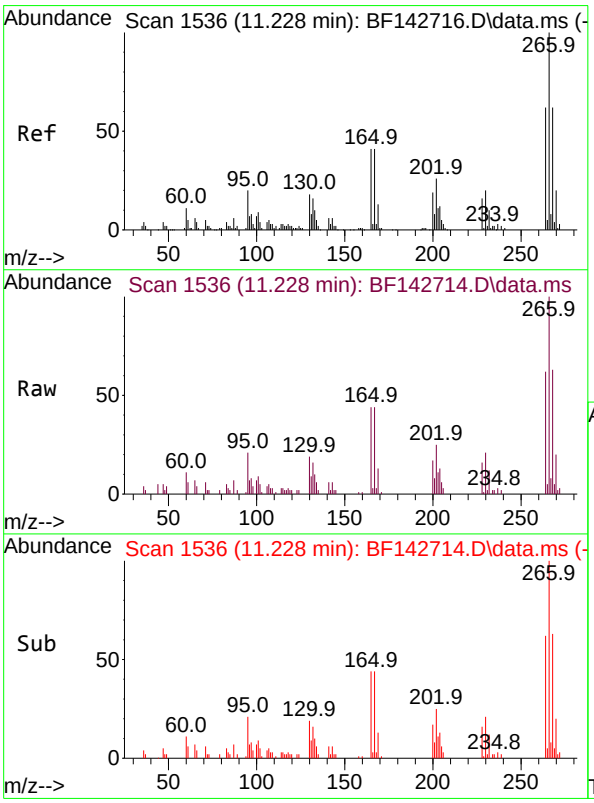
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	49.8	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

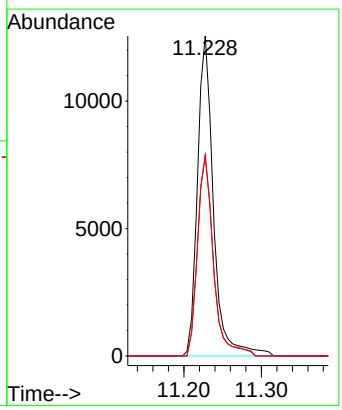
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

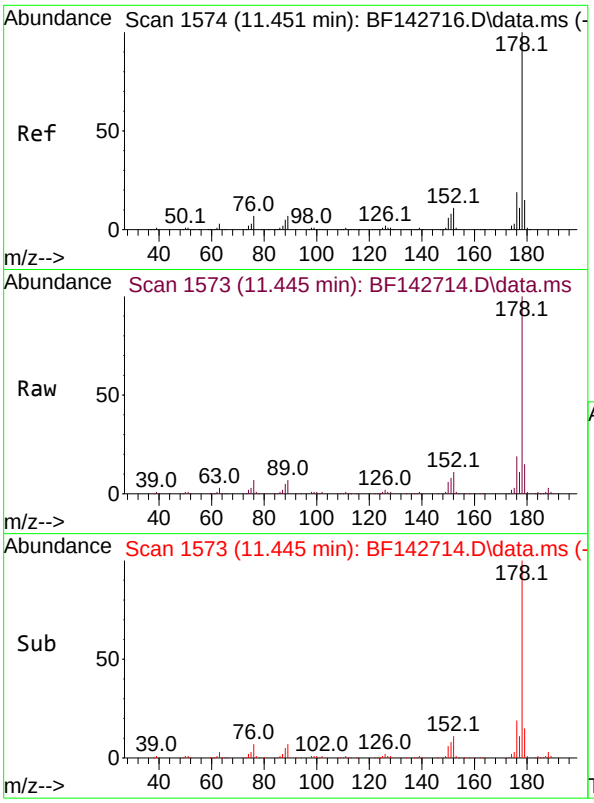


#70
Pentachlorophenol
Concen: 8.662 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

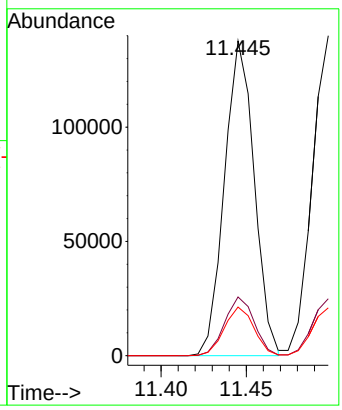




#71
Phenanthrene
Concen: 10.281 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:178 Resp: 16738

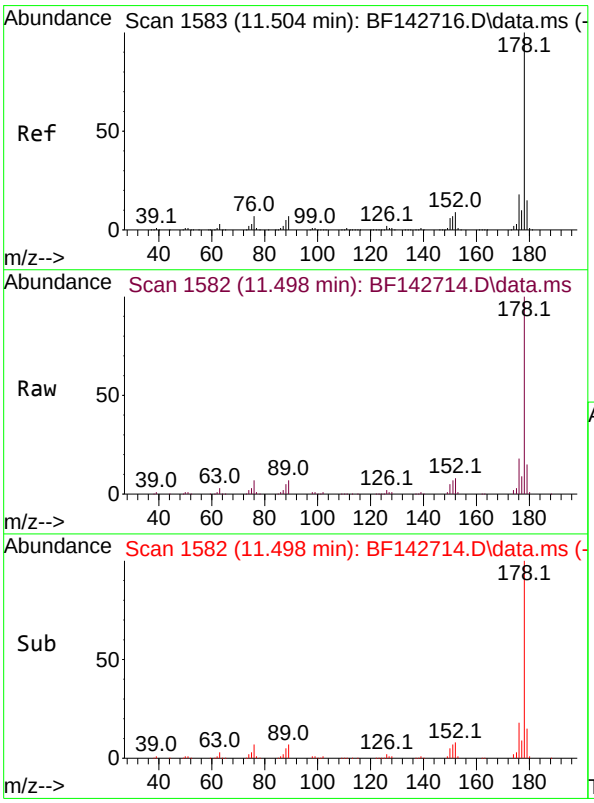
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

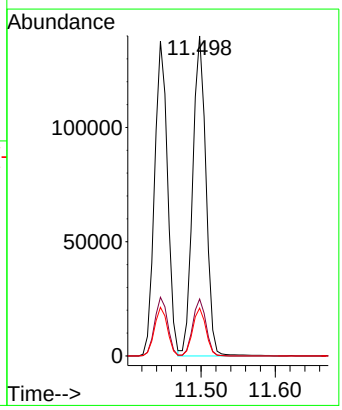
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

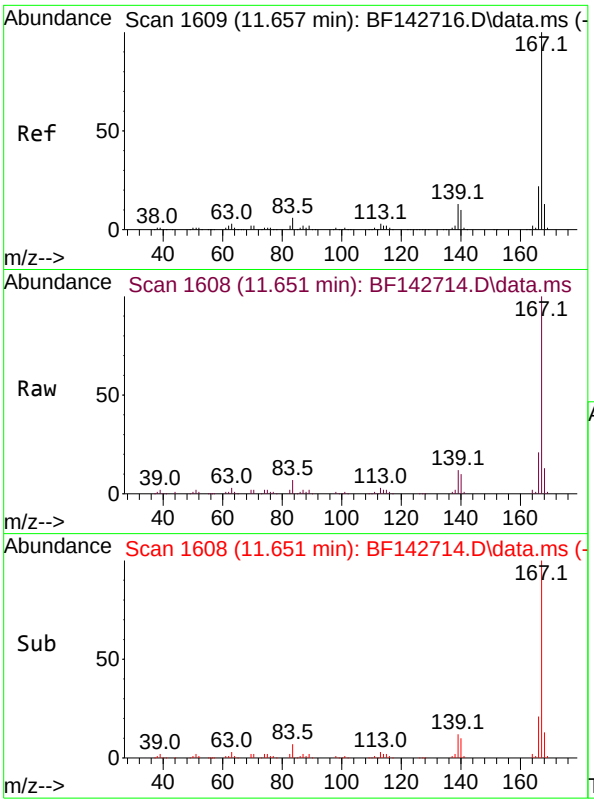


#72
Anthracene
Concen: 10.340 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

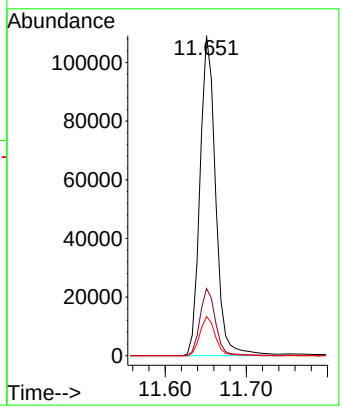




#73
Carbazole
Concen: 9.755 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:167 Resp: 14607

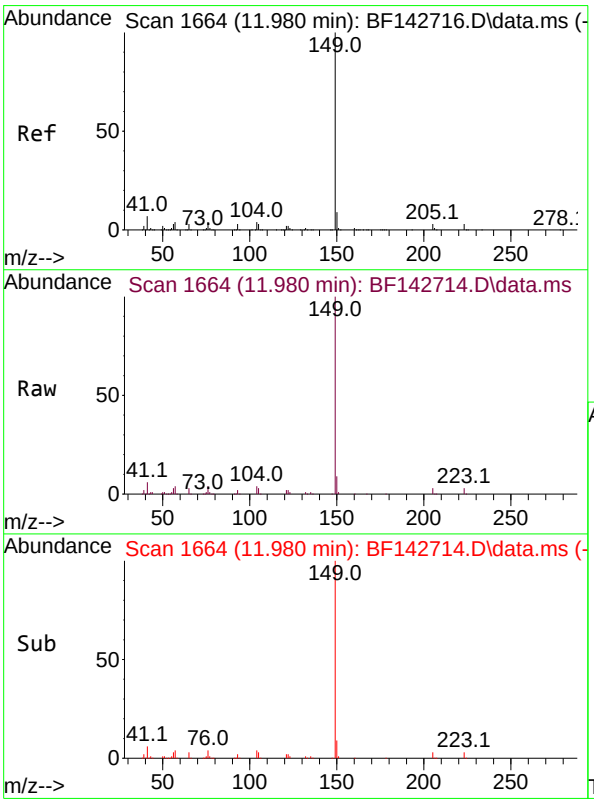
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.2	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

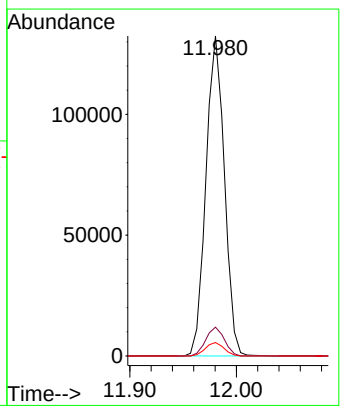
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

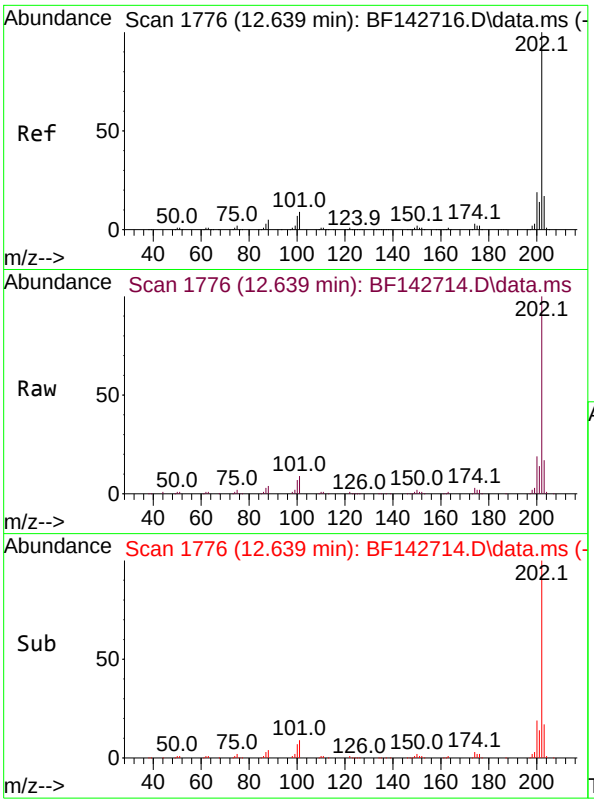


#74
Di-n-butylphthalate
Concen: 10.061 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

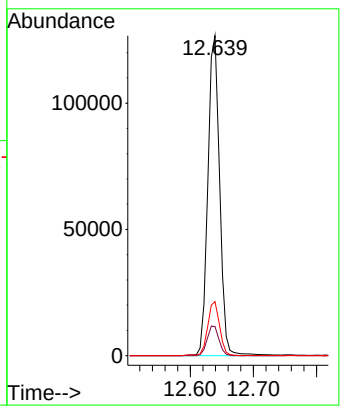




#75
Fluoranthene
Concen: 10.413 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:202 Resp: 16487

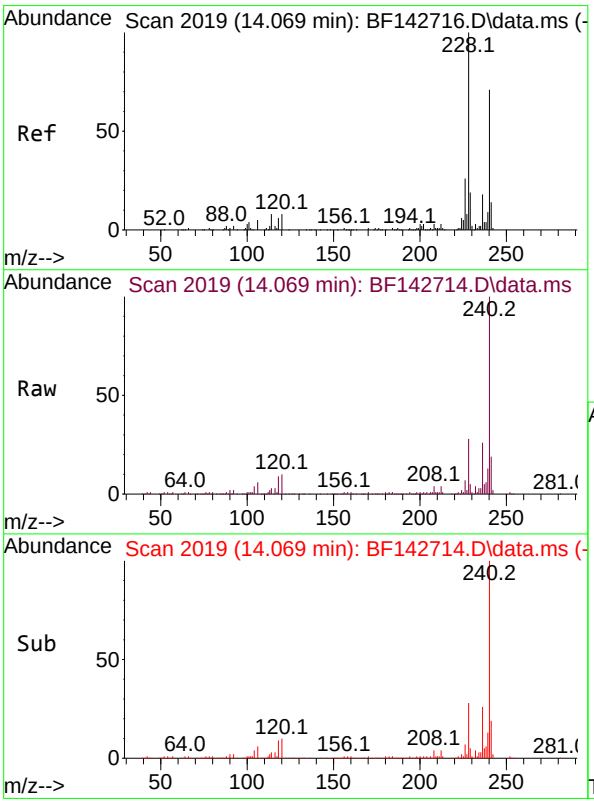
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	16.9	0.0	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

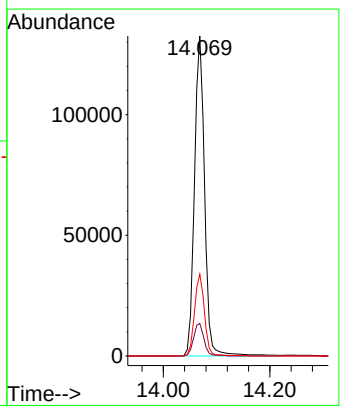
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

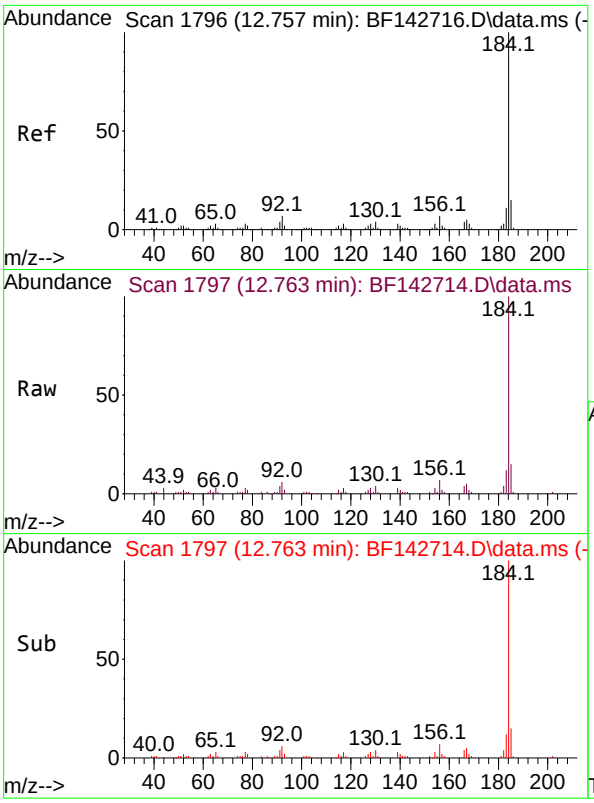


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

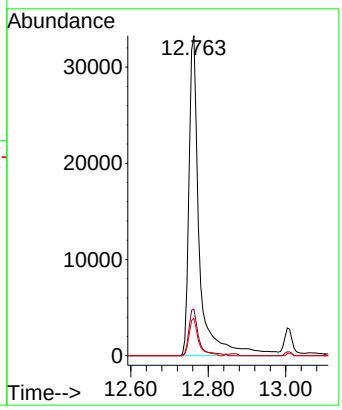




#77
Benzidine
Concen: 10.131 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:184 Resp: 6256

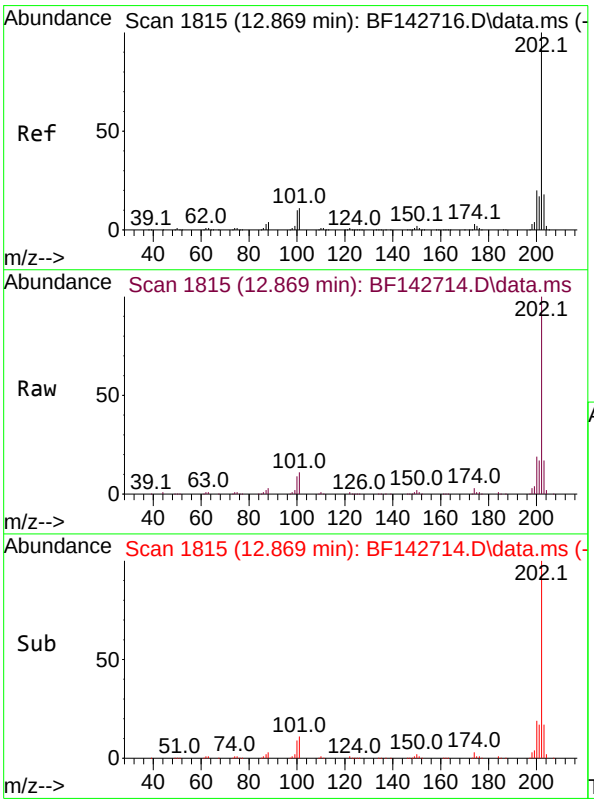
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	11.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

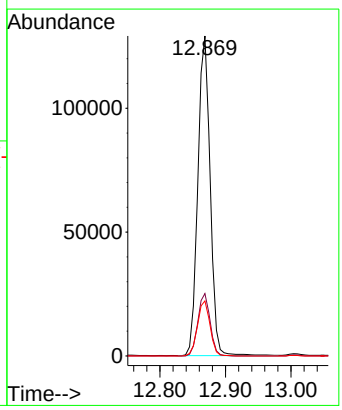
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

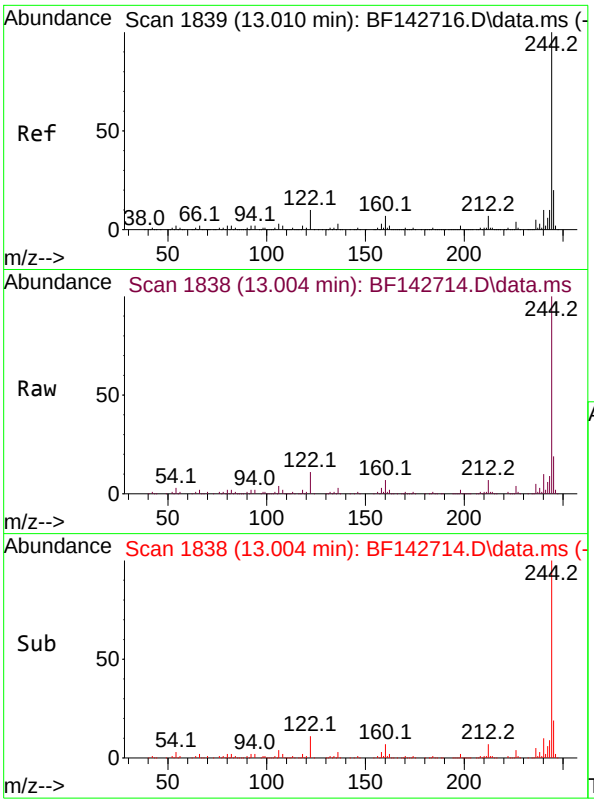


#78
Pyrene
Concen: 11.351 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

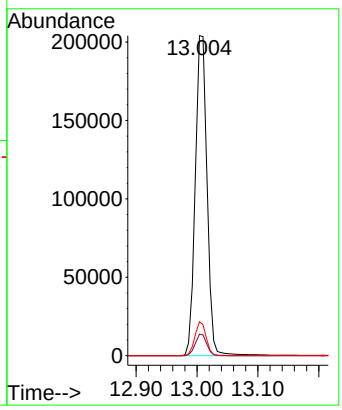




#79
Terphenyl-d14
Concen: 23.723 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:244 Resp: 27470

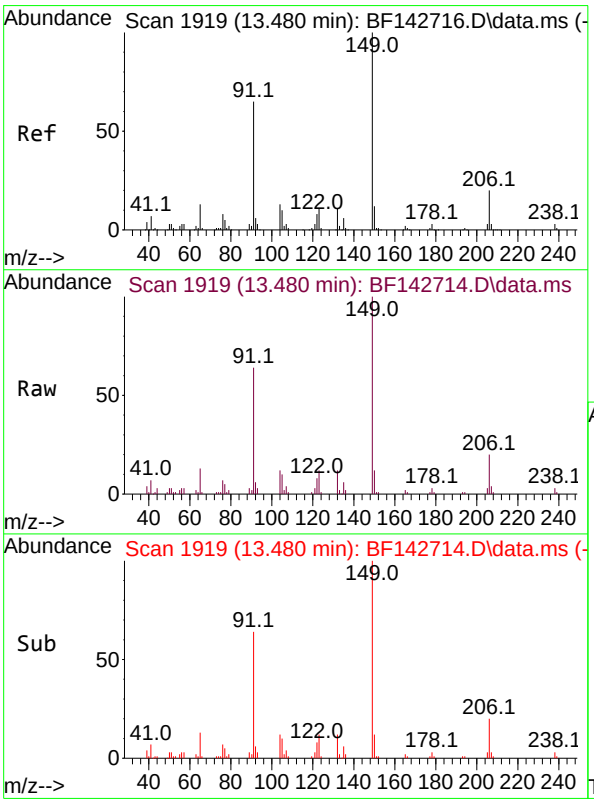
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

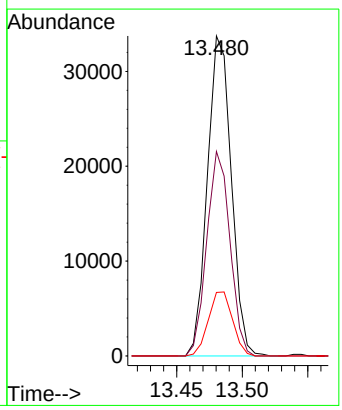
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

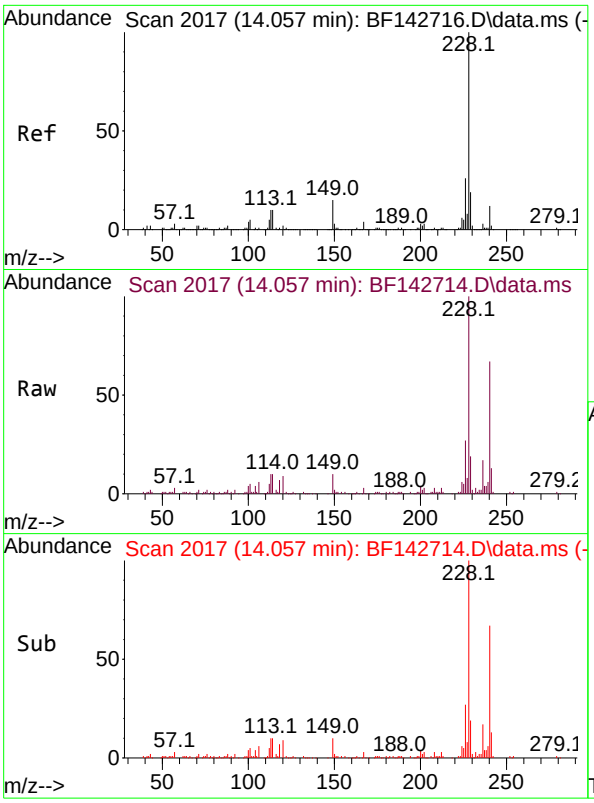


#80
Butylbenzylphthalate
Concen: 9.423 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

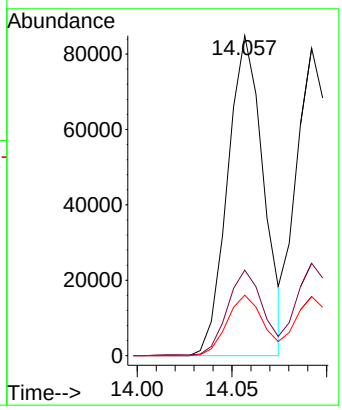




#81
Benzo(a)anthracene
Concen: 9.743 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:228 Resp: 11198

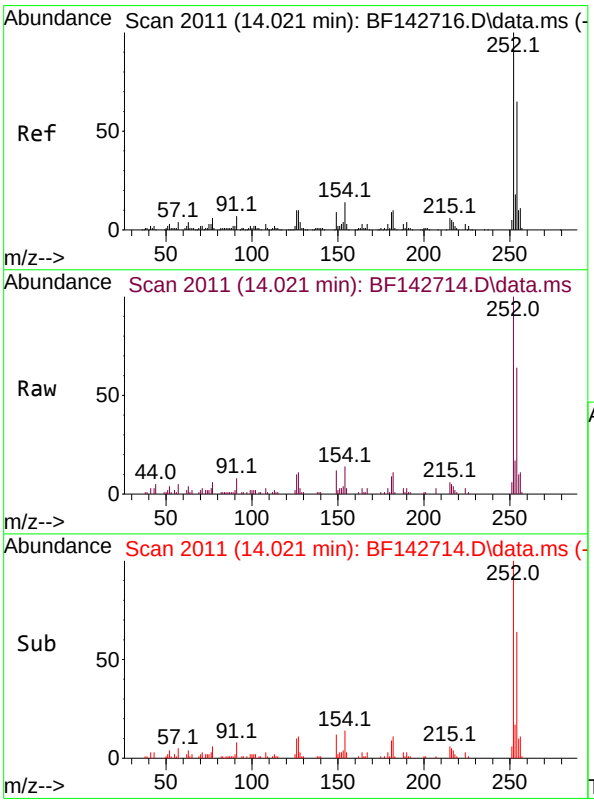
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	18.9	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

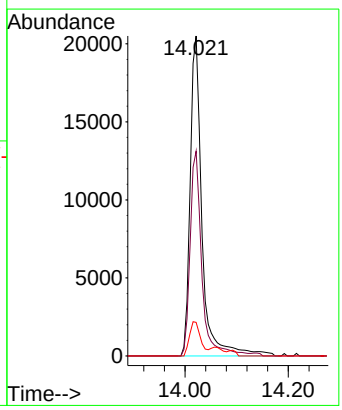
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

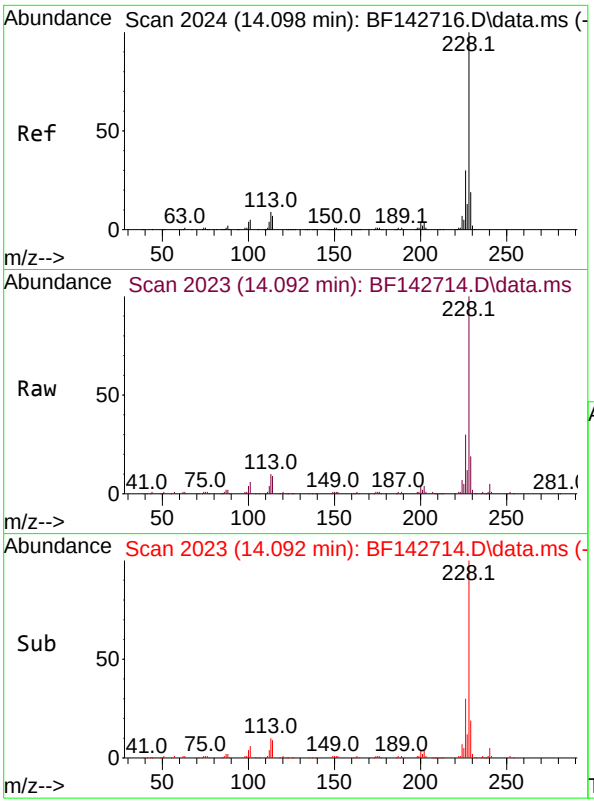


#82
3,3'-Dichlorobenzidine
Concen: 8.868 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

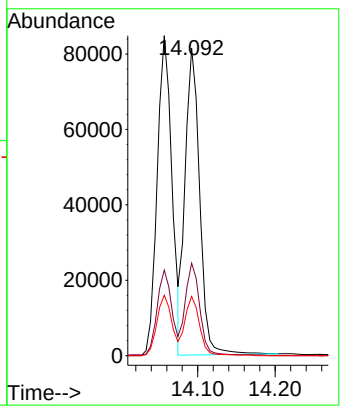
Tgt Ion:228 Resp: 10621

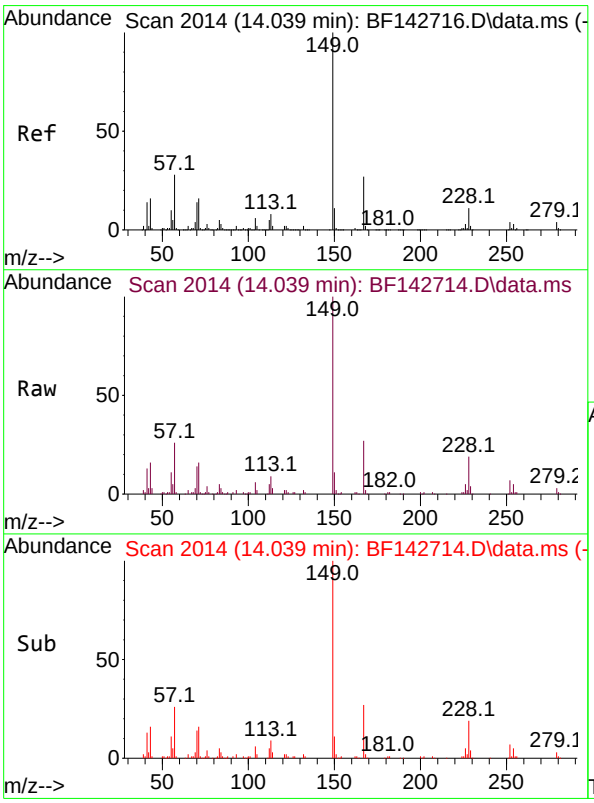
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	19.2	15.5	23.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

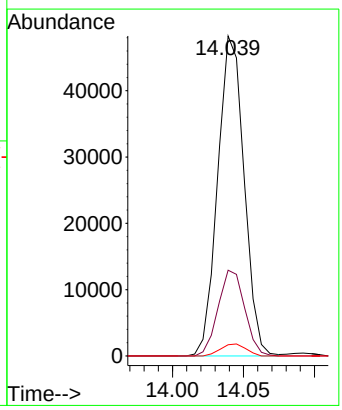


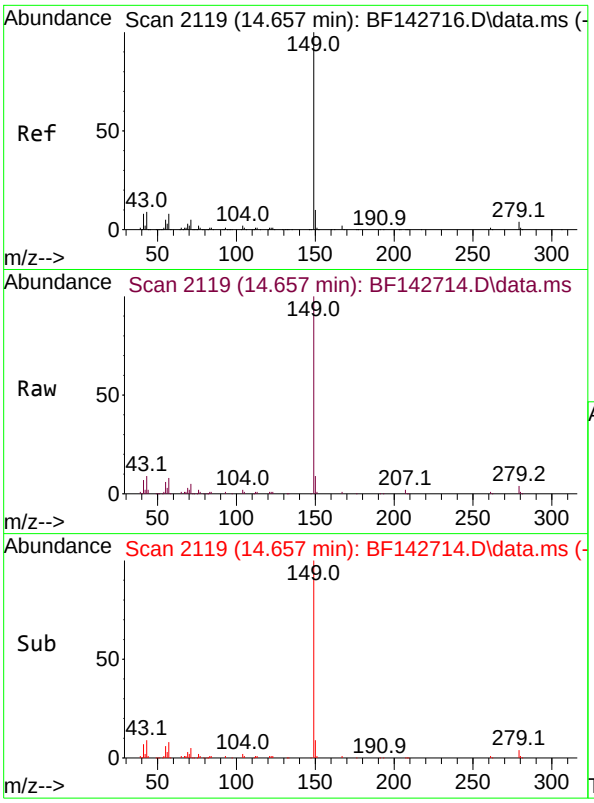


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.522 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

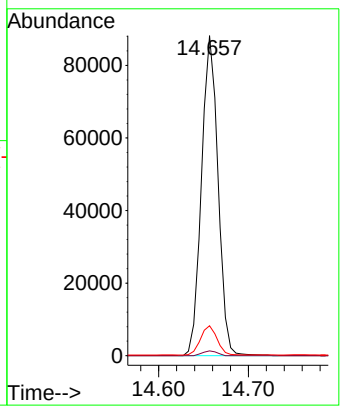
Tgt Ion:149 Resp: 11288

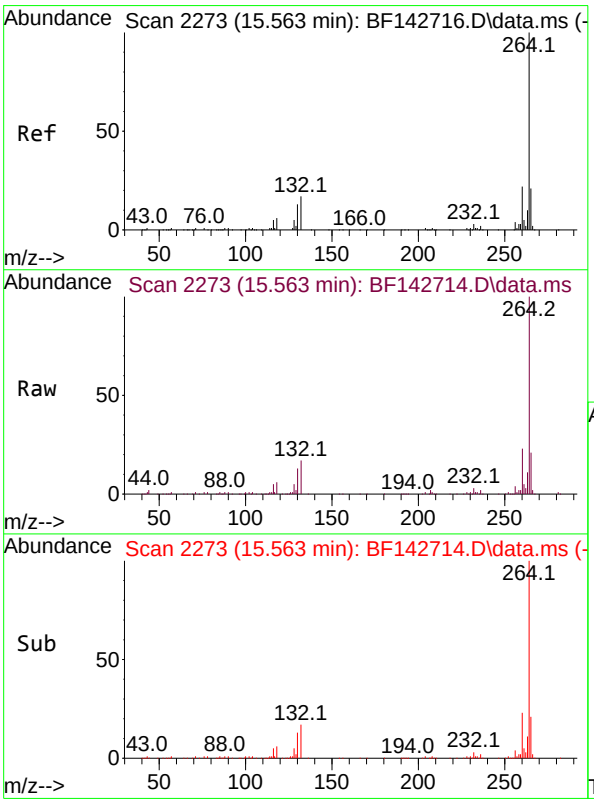
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	9.1	7.3	10.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

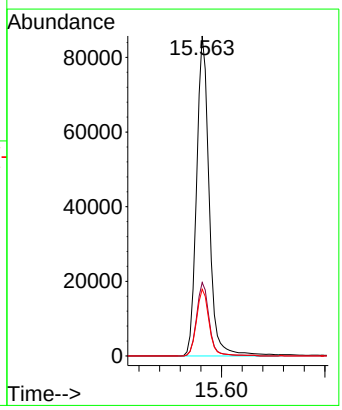


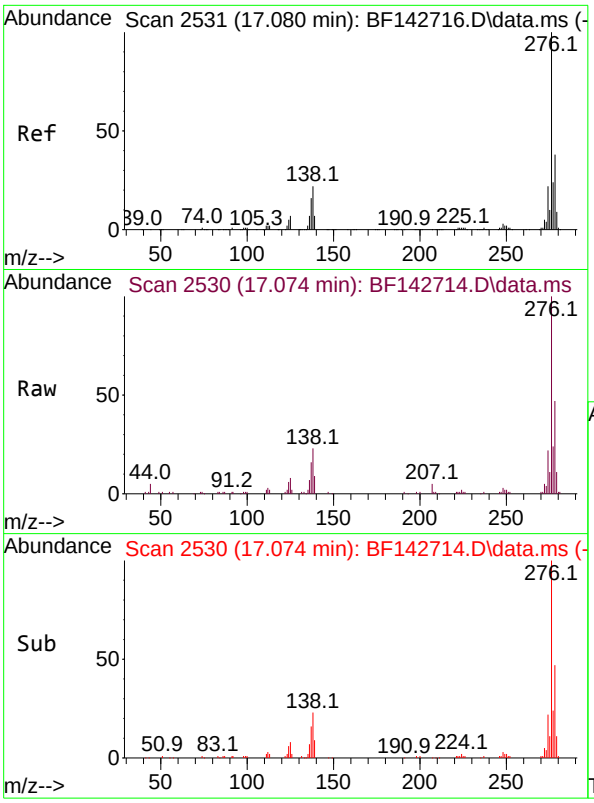


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

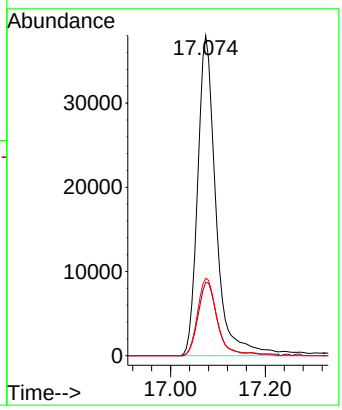




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.854 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:276 Resp: 10211

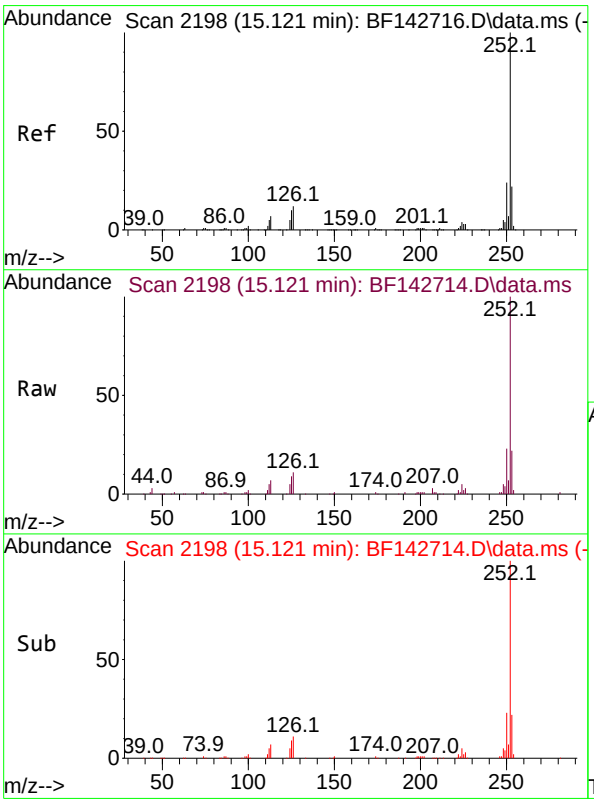
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

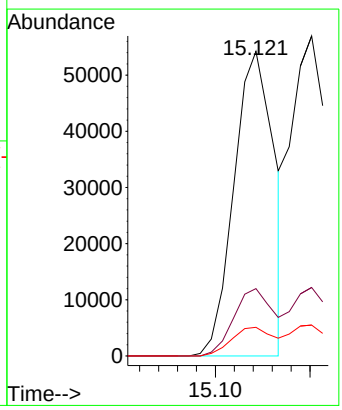
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

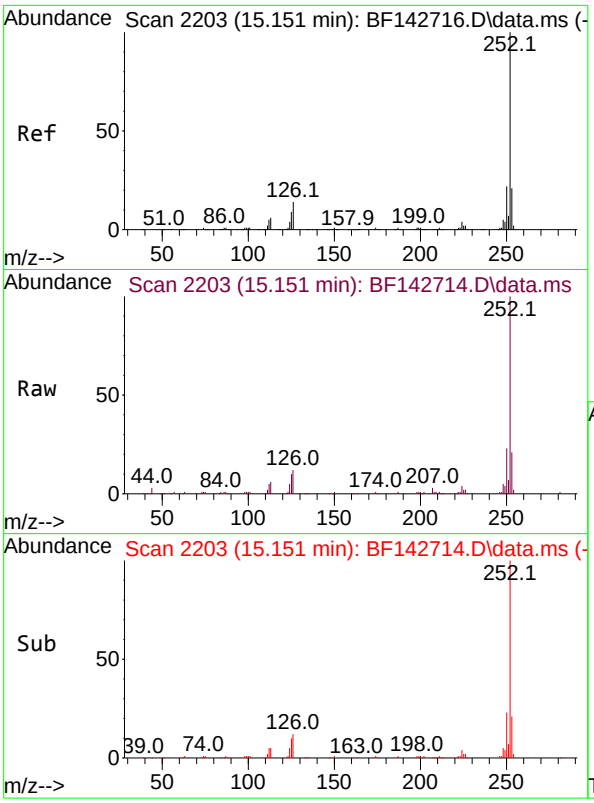


#88
Benzo(b)fluoranthene
Concen: 9.125 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

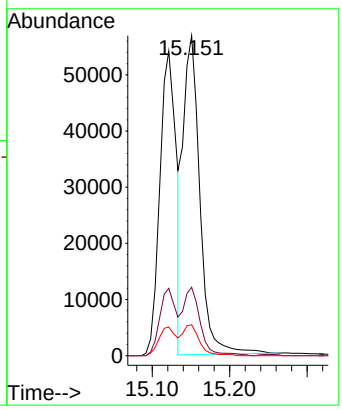




#89
Benzo(k)fluoranthene
Concen: 10.623 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:252 Resp: 8557

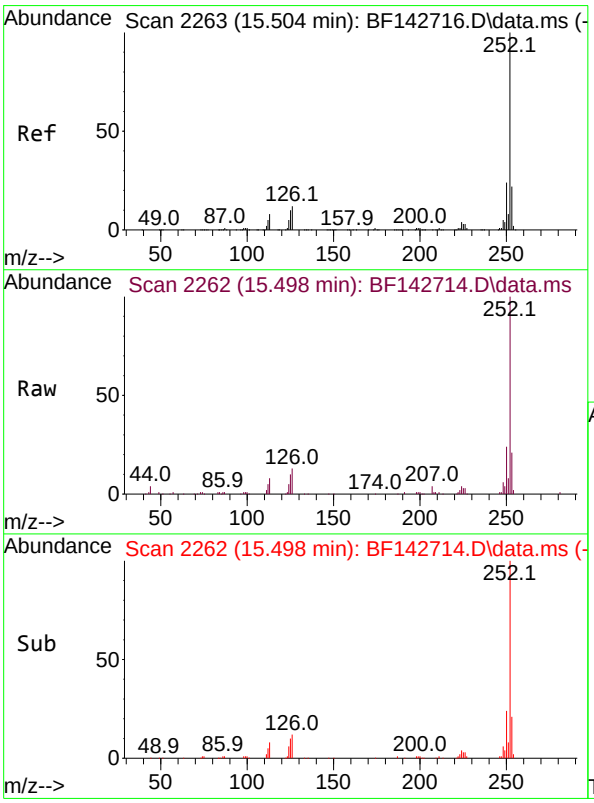
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	9.7	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

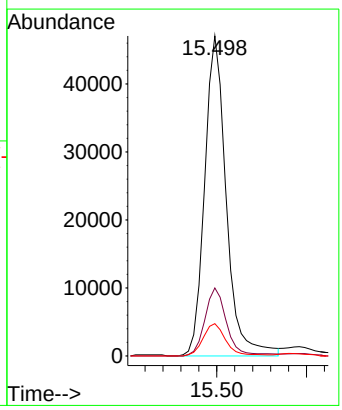
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

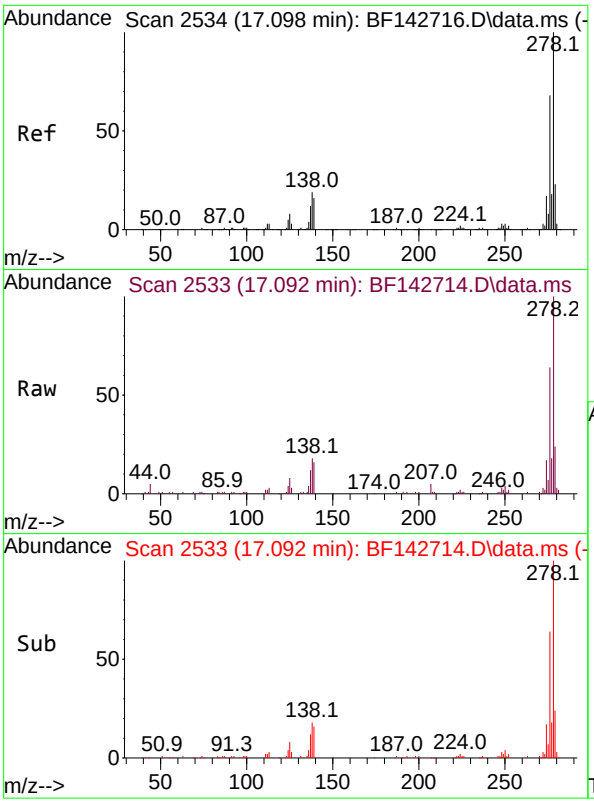


#90
Benzo(a)pyrene
Concen: 9.685 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

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

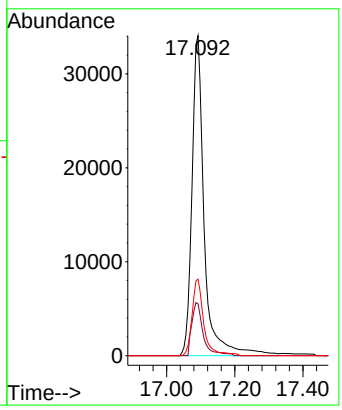




#91
Dibenzo(a,h)anthracene
Concen: 10.184 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142714.D
Acq: 10 Jun 2025 17:53

Tgt Ion:278 Resp: 8540

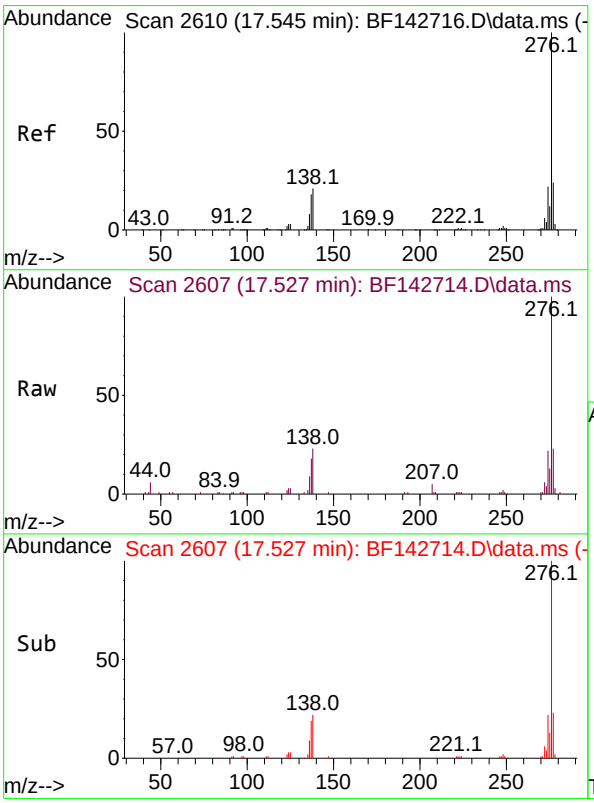
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.9	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

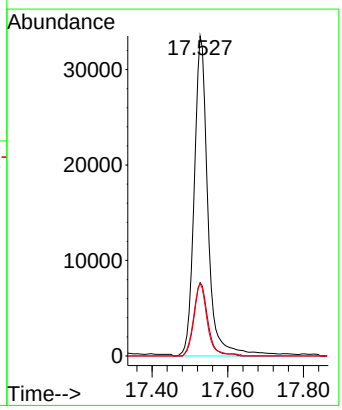
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



#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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

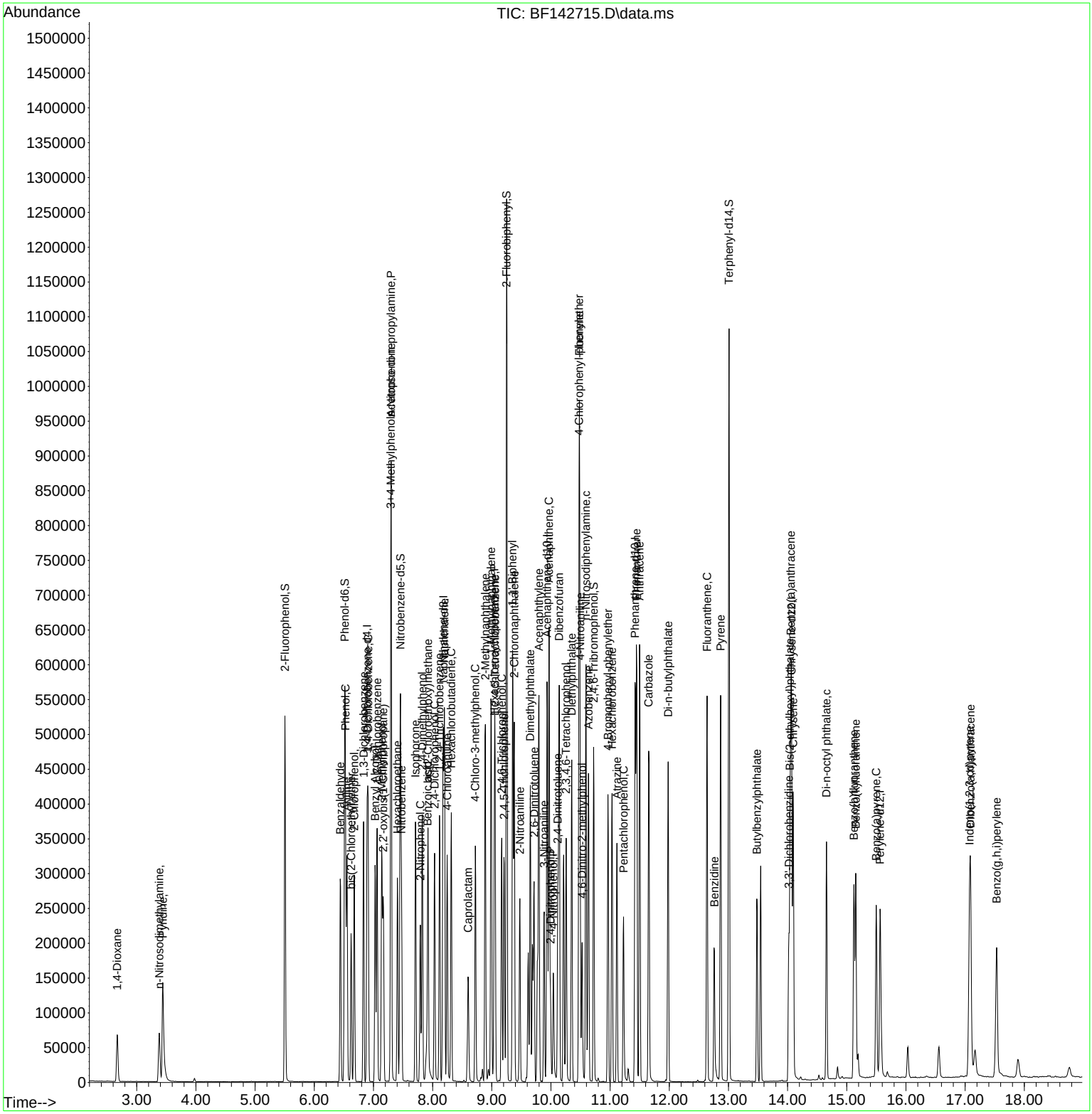
(#) = qualifier out of range (m) = manual integration (+) = signals summed

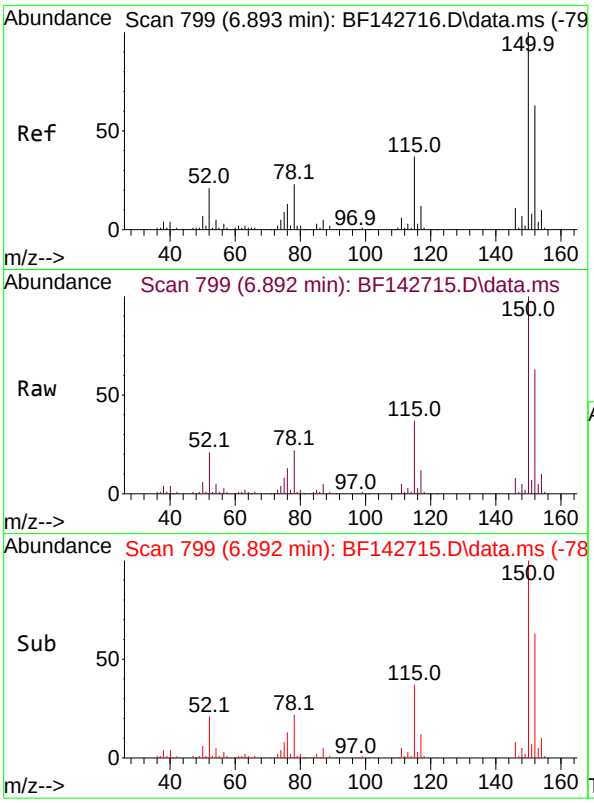
ICAL Form

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



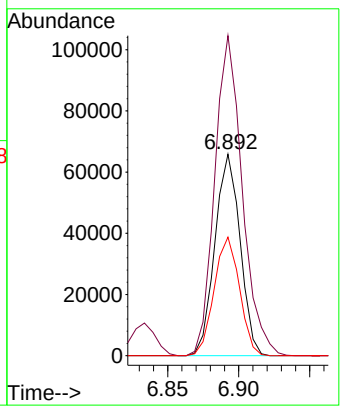


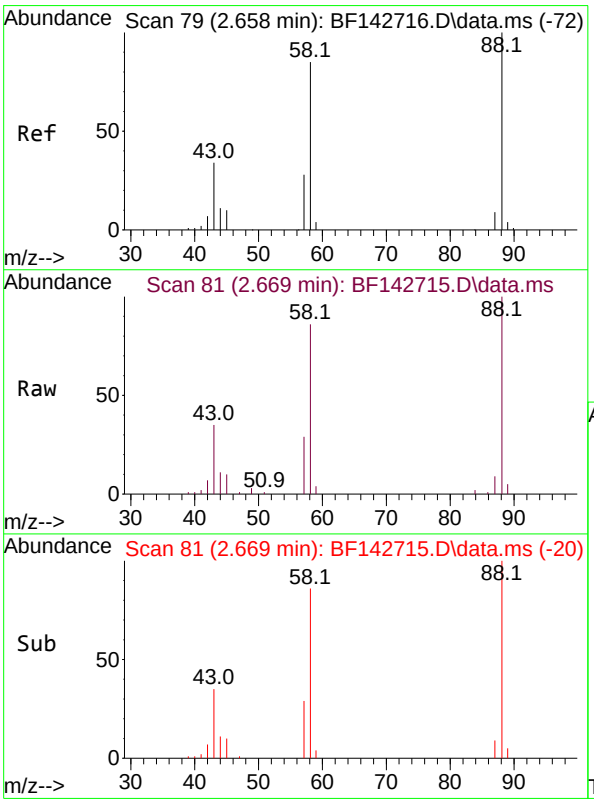
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

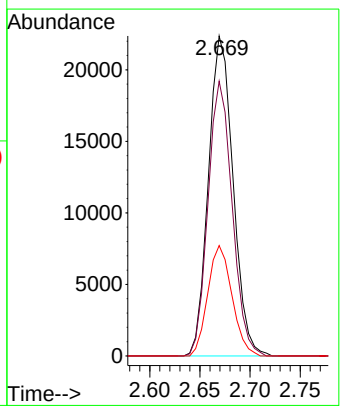


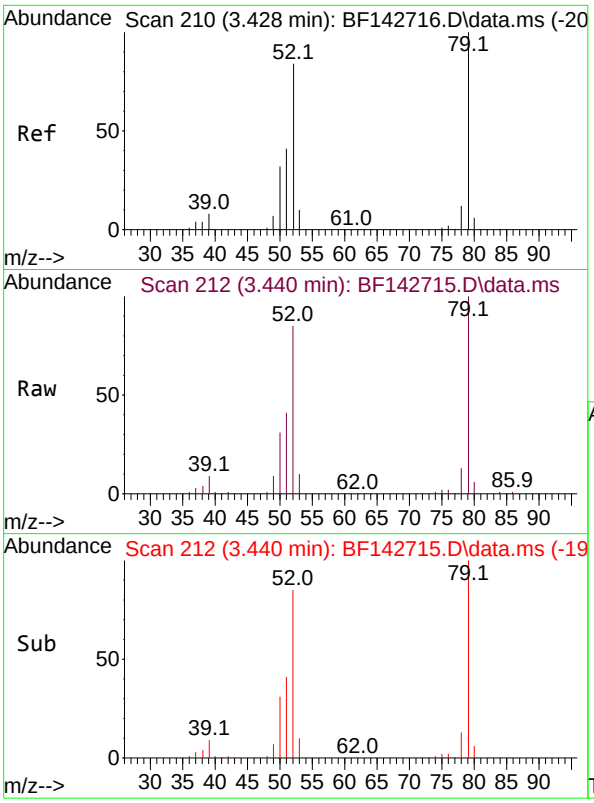


#2
1,4-Dioxane
Concen: 20.866 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



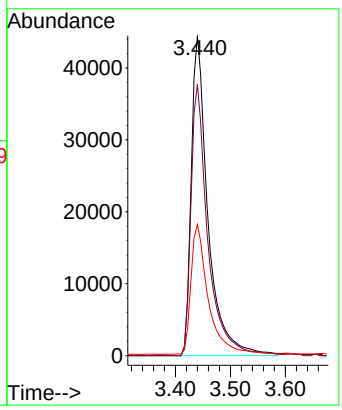


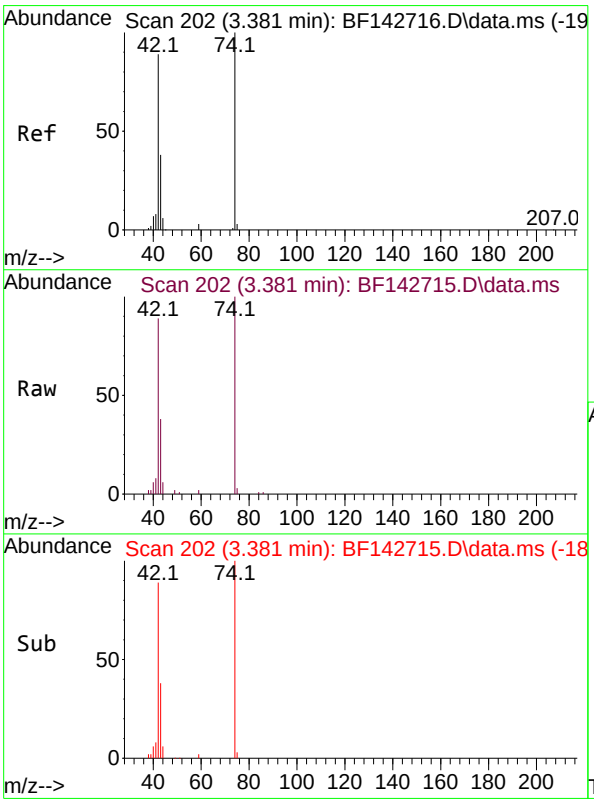
#3
Pyridine
Concen: 19.906 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

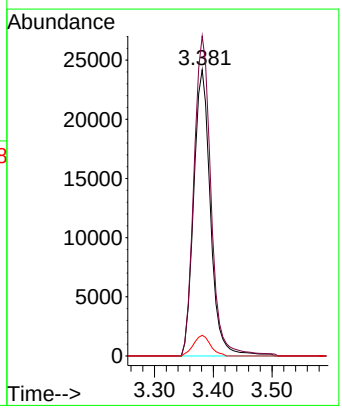


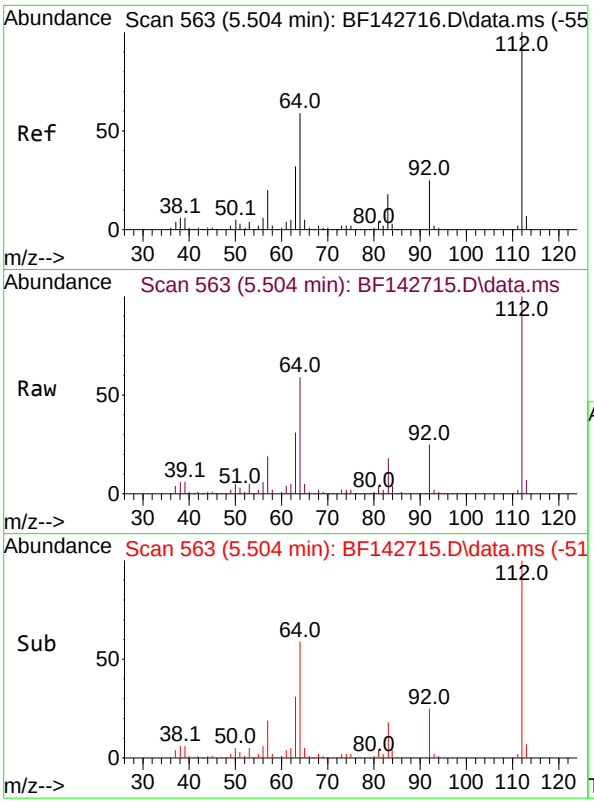


#4
n-Nitrosodimethylamine
Concen: 20.630 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



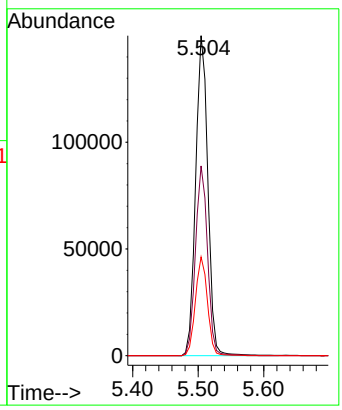


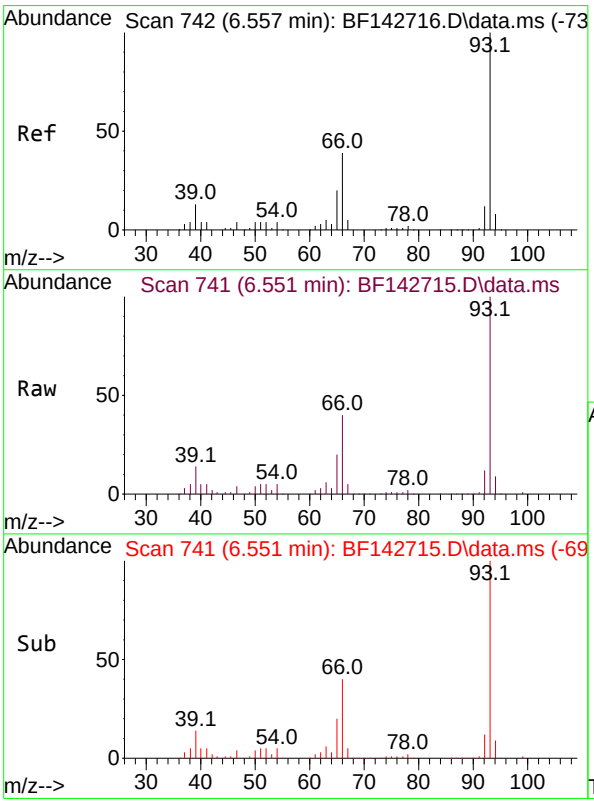
#5
2-Fluorophenol
Concen: 40.648 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

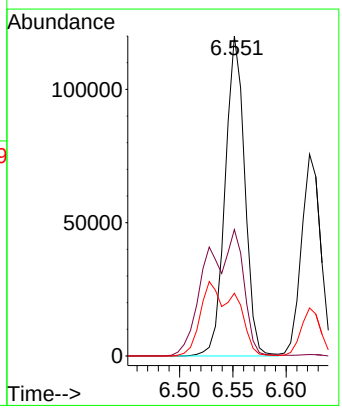


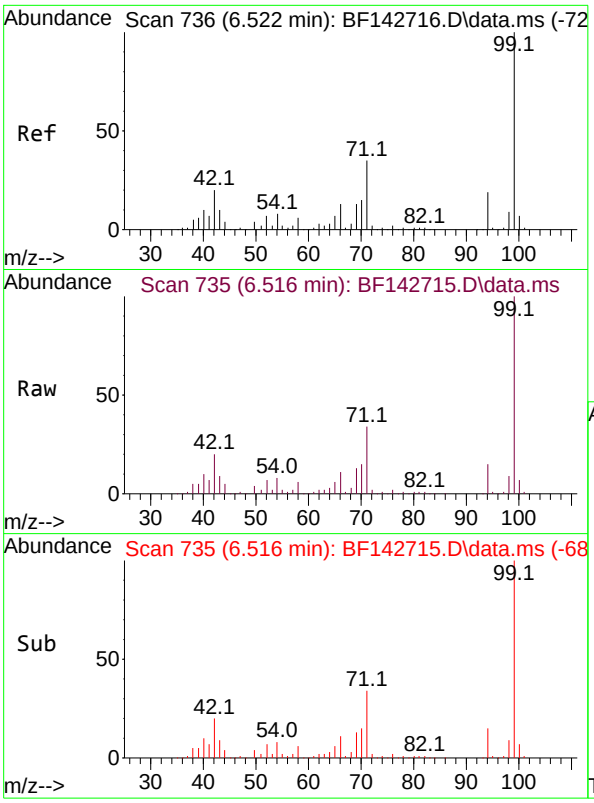


#6
Aniline
Concen: 20.432 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



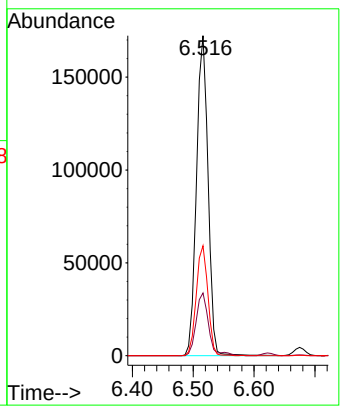


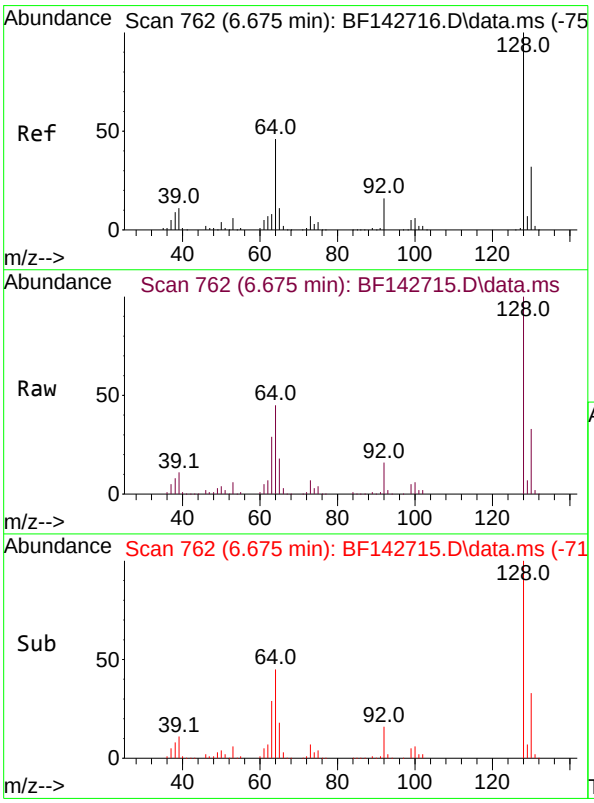
#7
Phenol-d6
Concen: 40.584 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

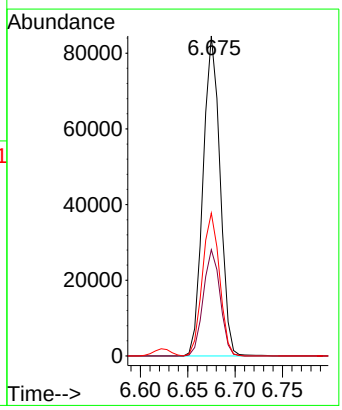


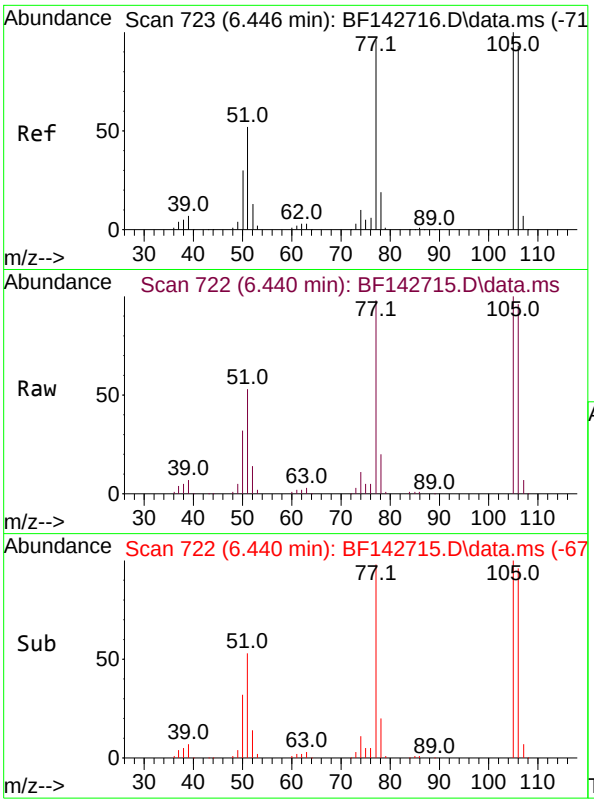


#8
2-Chlorophenol
Concen: 20.140 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



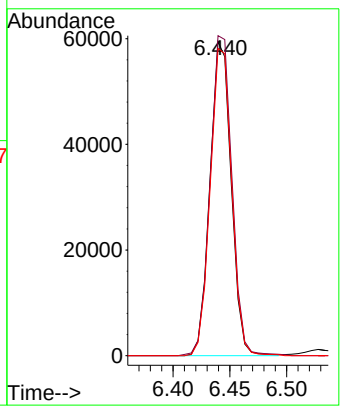


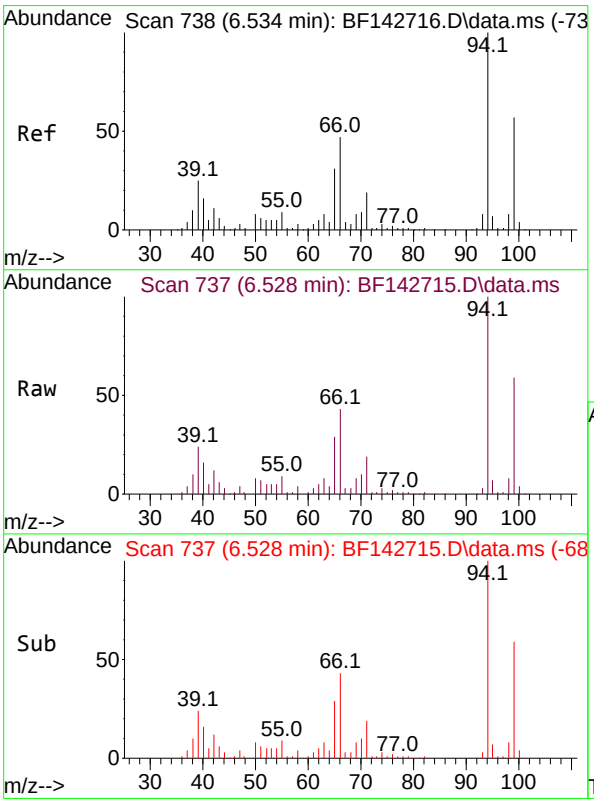
#9
Benzaldehyde
Concen: 24.308 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

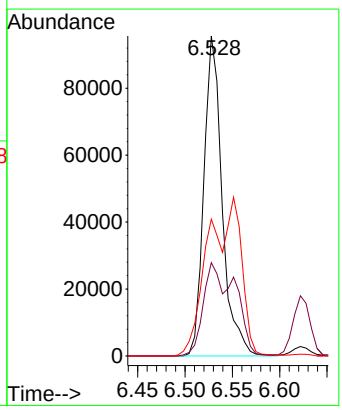


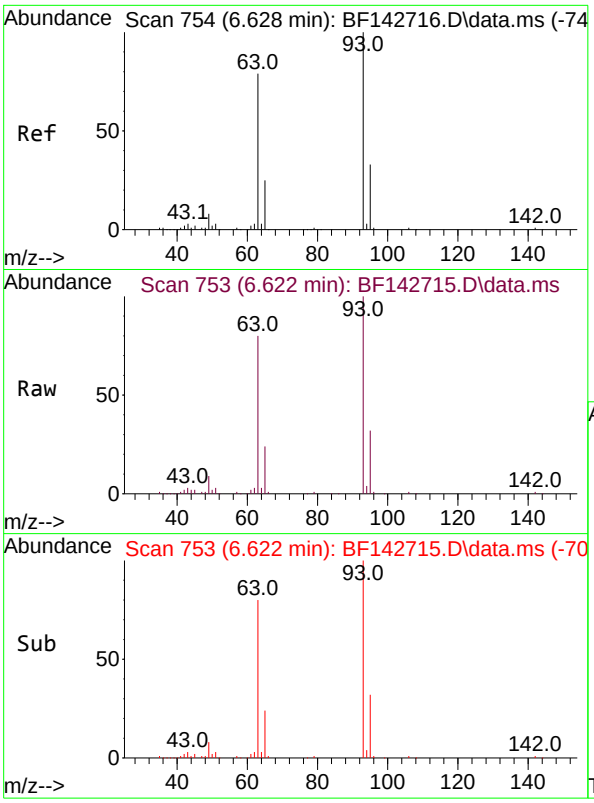


#10
Phenol
Concen: 20.461 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



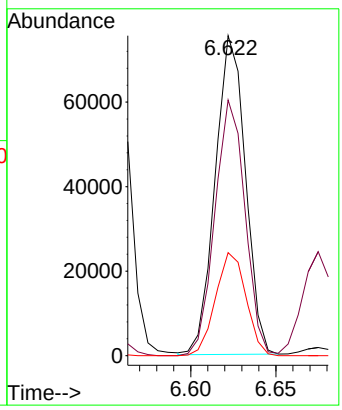


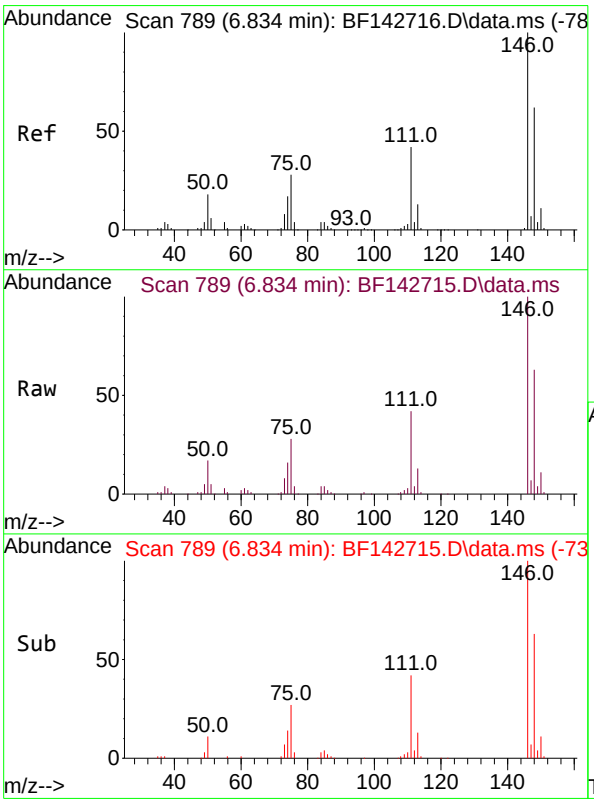
#11
bis(2-Chloroethyl)ether
Concen: 20.354 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

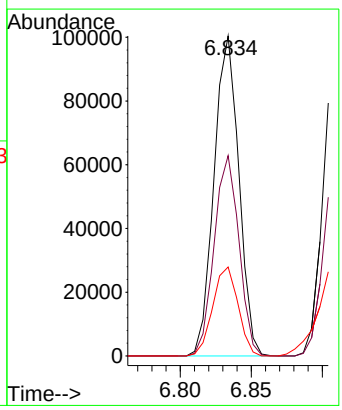


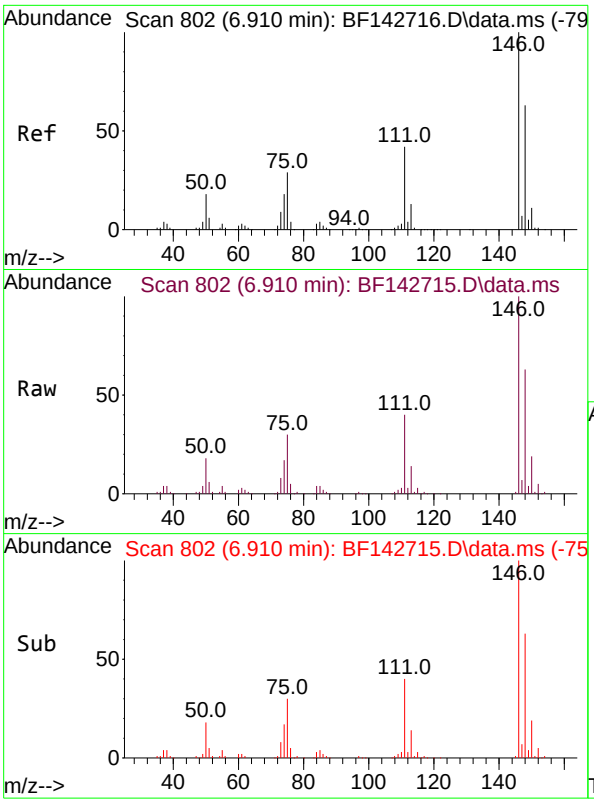


#12
1,3-Dichlorobenzene
Concen: 20.821 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



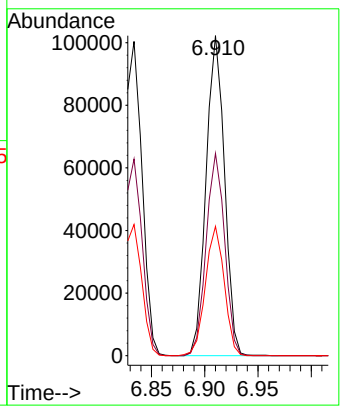


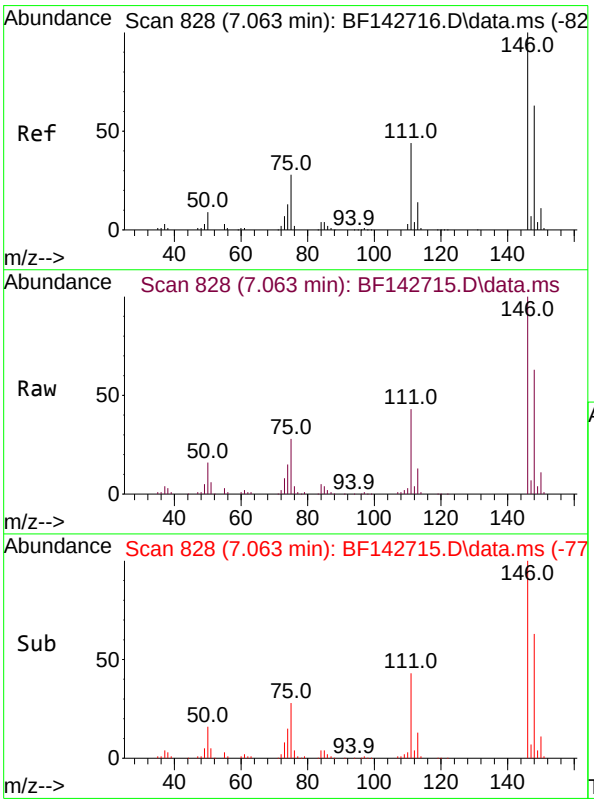
#13
1,4-Dichlorobenzene
Concen: 20.634 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

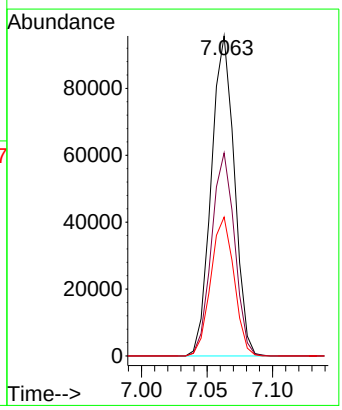


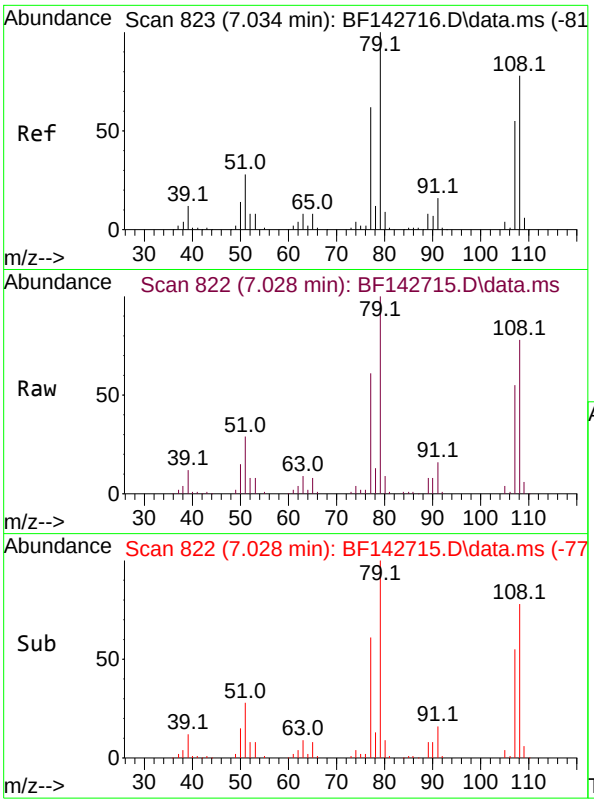


#14
1,2-Dichlorobenzene
Concen: 20.577 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



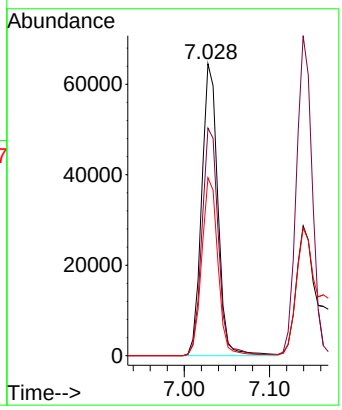


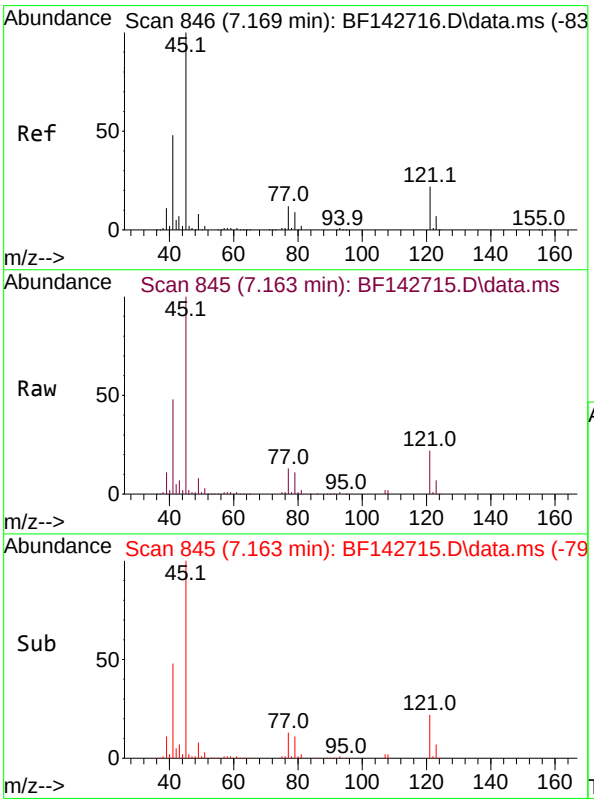
#15
Benzyl Alcohol
Concen: 20.593 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

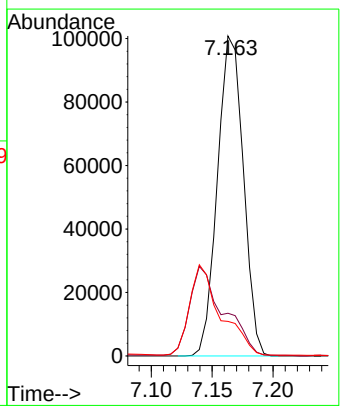


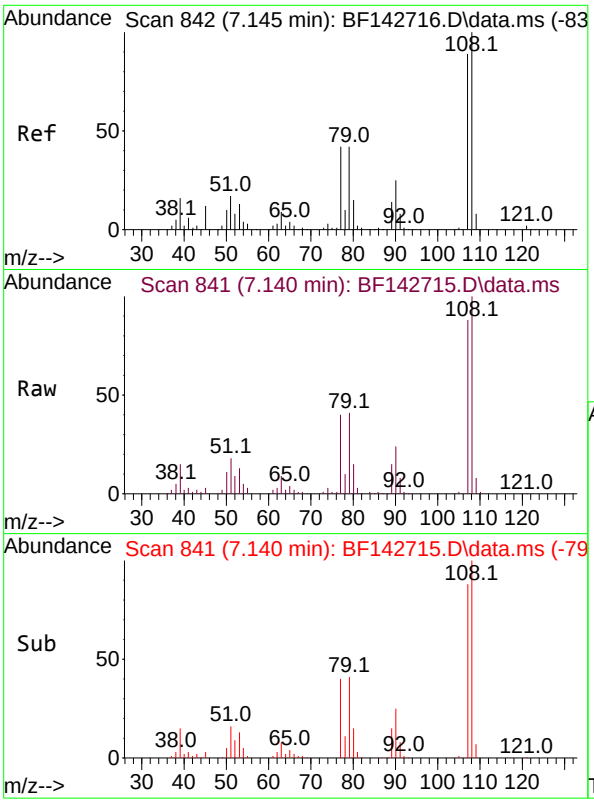


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.134 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



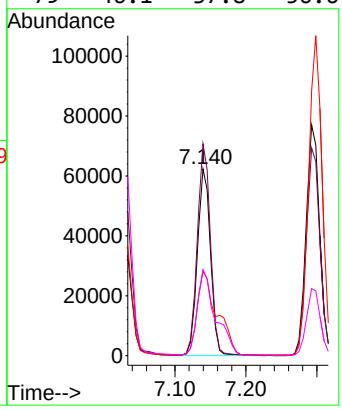


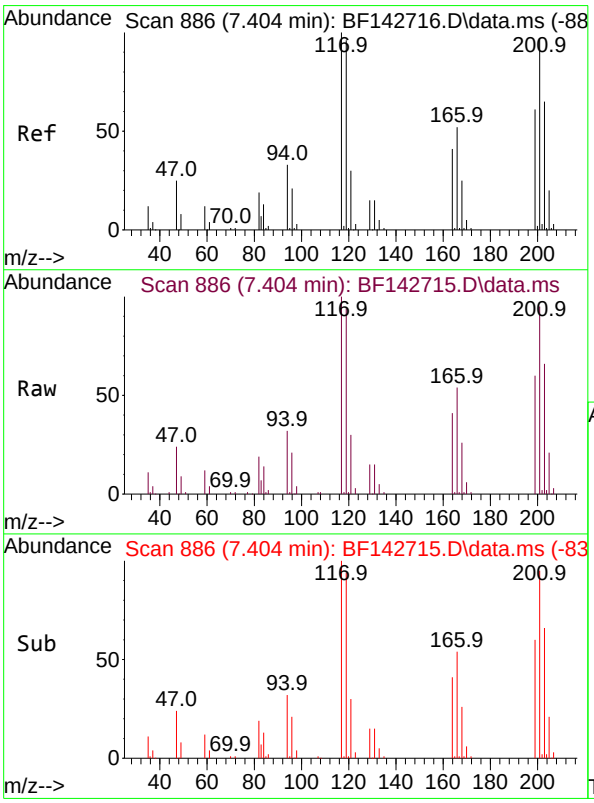
#17
2-Methylphenol
Concen: 20.215 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

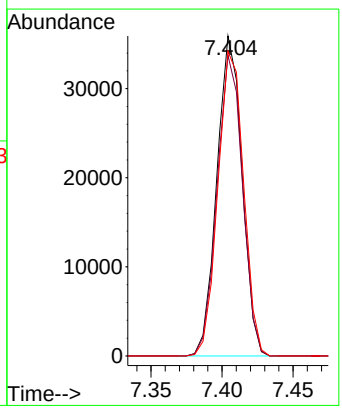


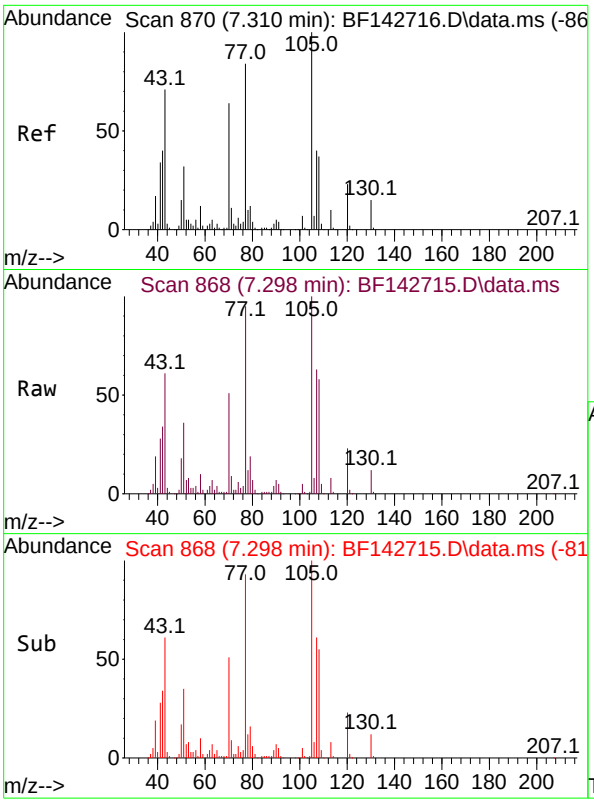


#18
Hexachloroethane
Concen: 21.335 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



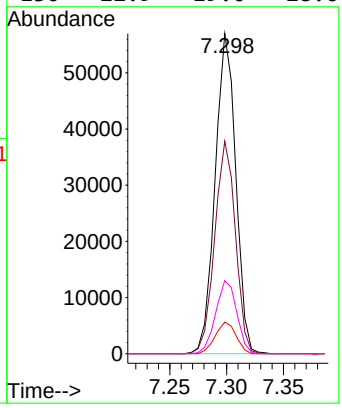


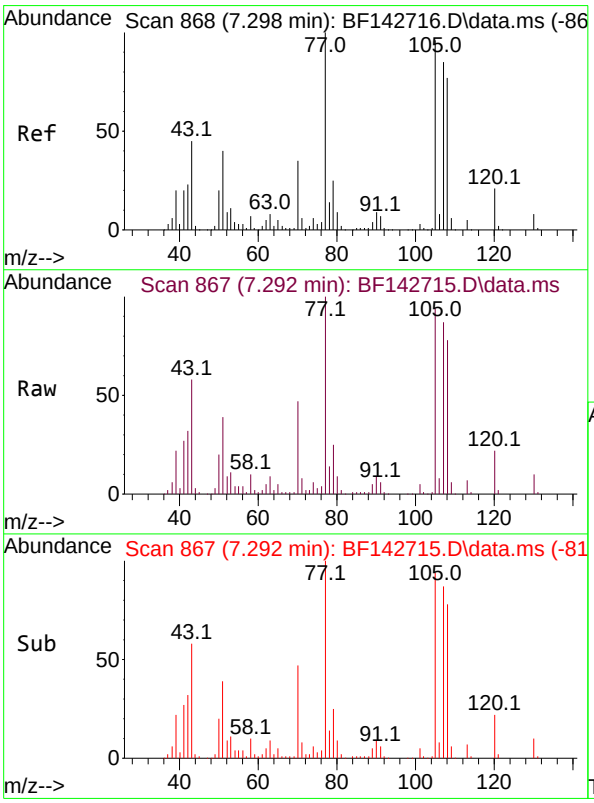
#19
n-Nitroso-di-n-propylamine
Concen: 21.709 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

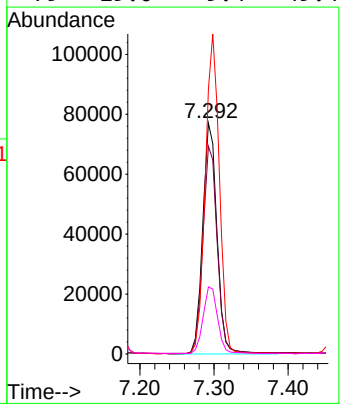


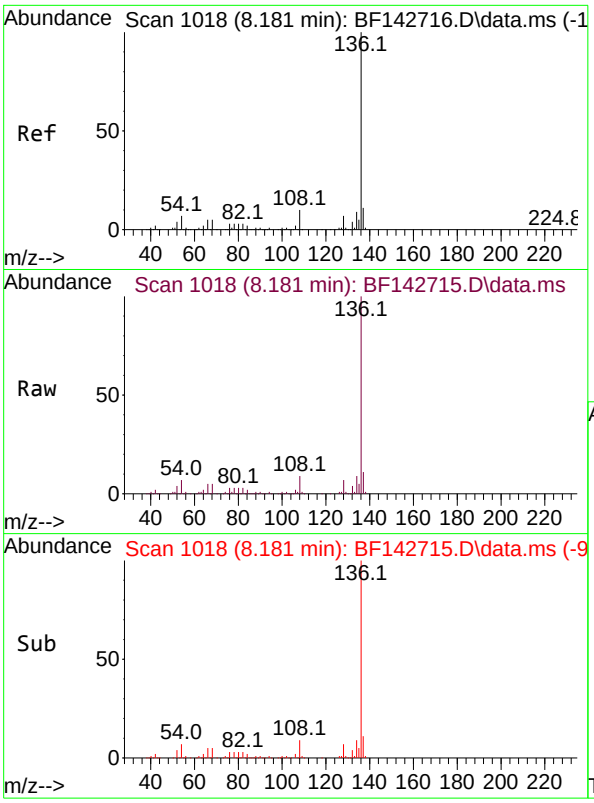


#20
3+4-Methylphenols
Concen: 21.119 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



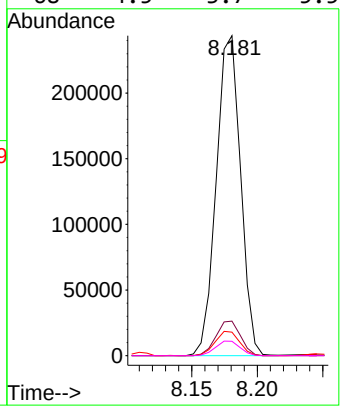


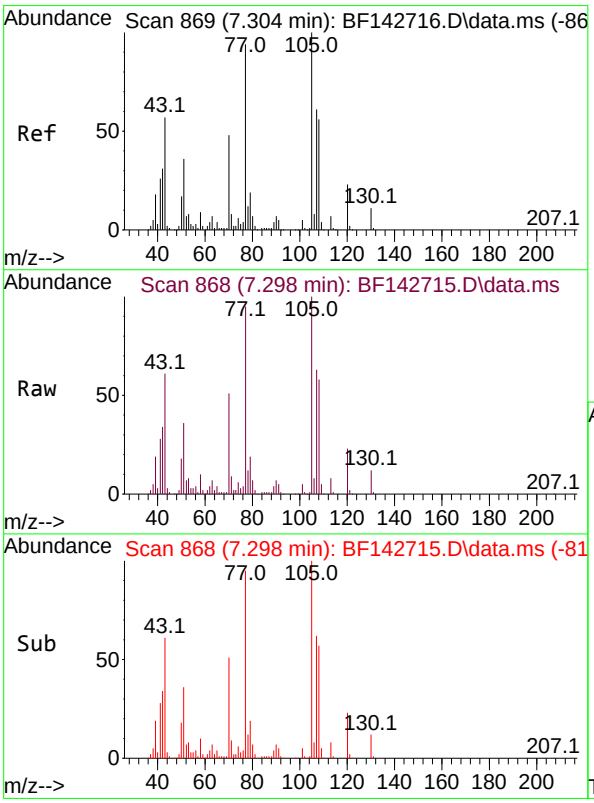
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

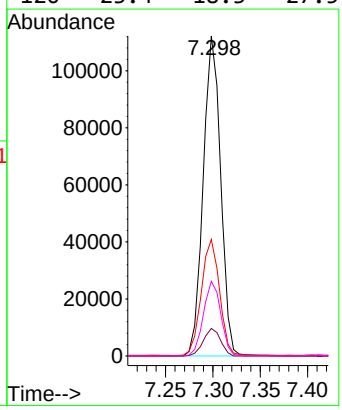


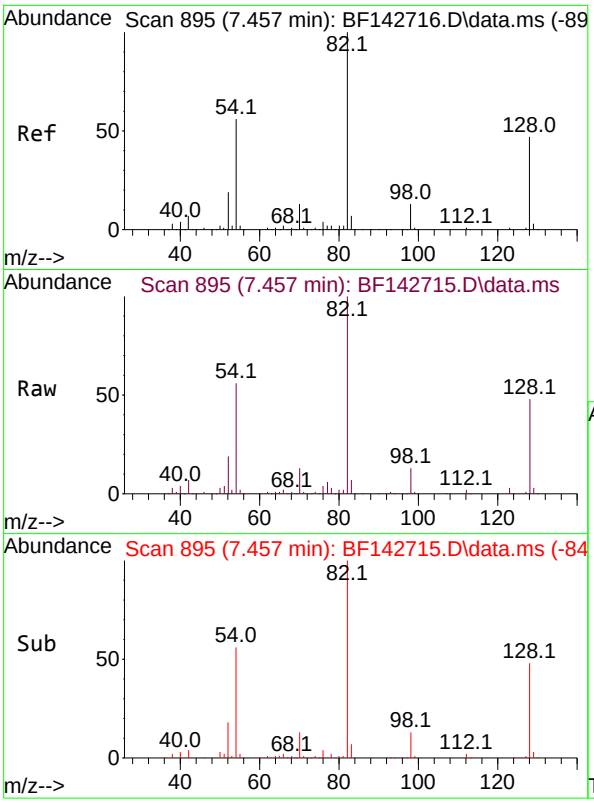


#22
Acetophenone
Concen: 20.920 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



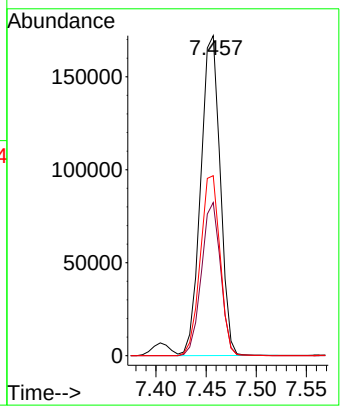


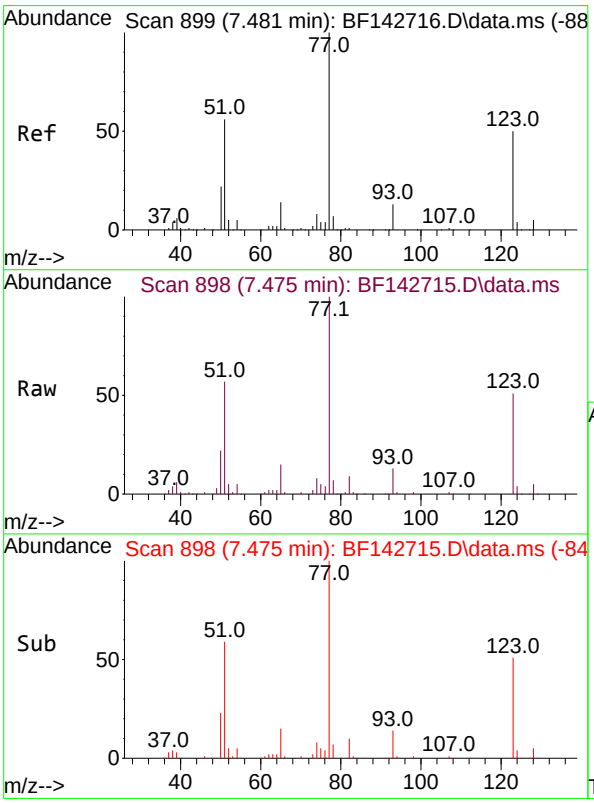
#23
Nitrobenzene-d5
Concen: 40.499 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

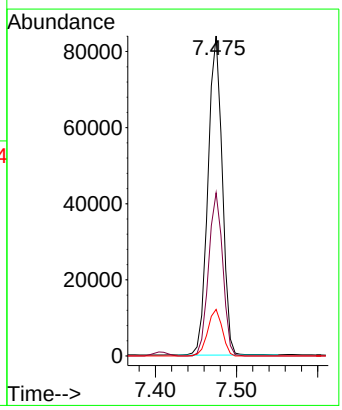


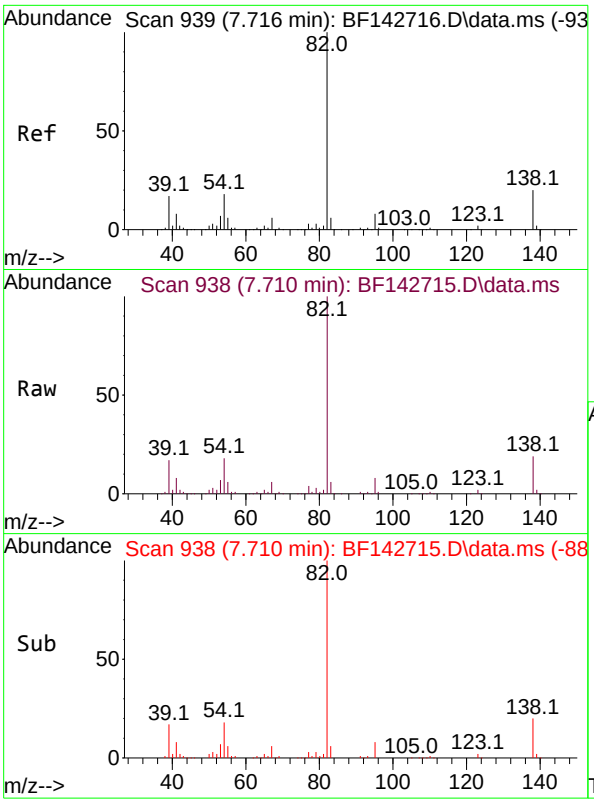


#24
Nitrobenzene
Concen: 19.854 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



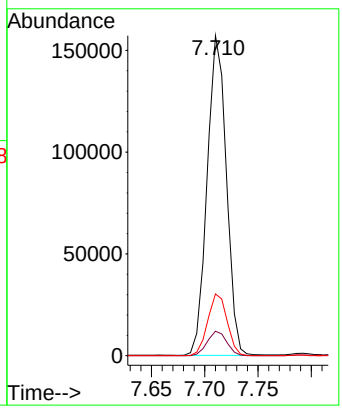


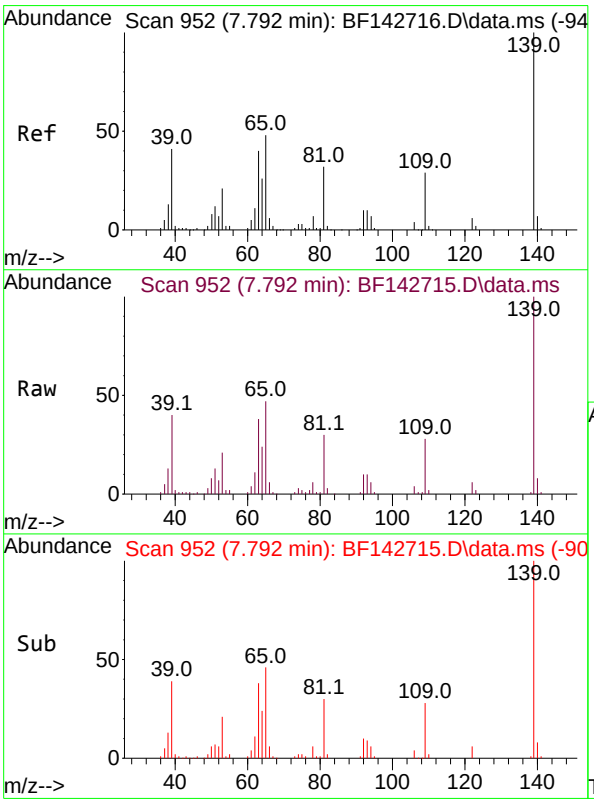
#25
Isophorone
Concen: 21.062 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

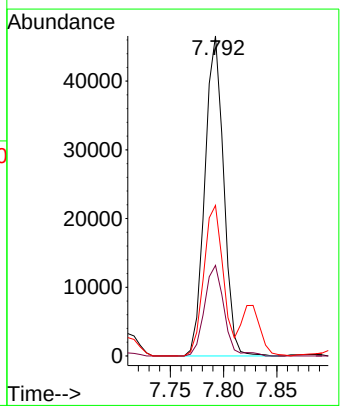


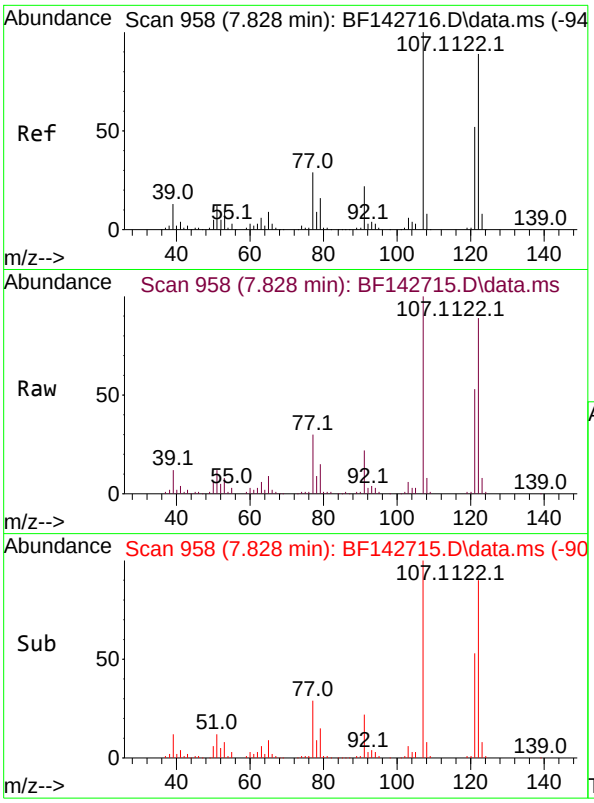


#26
2-Nitrophenol
Concen: 20.198 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



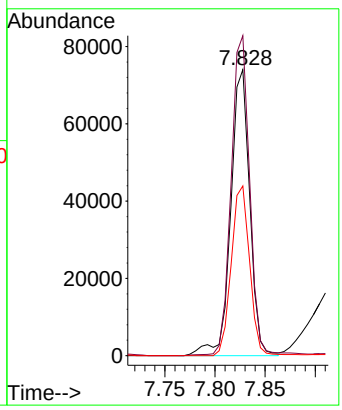


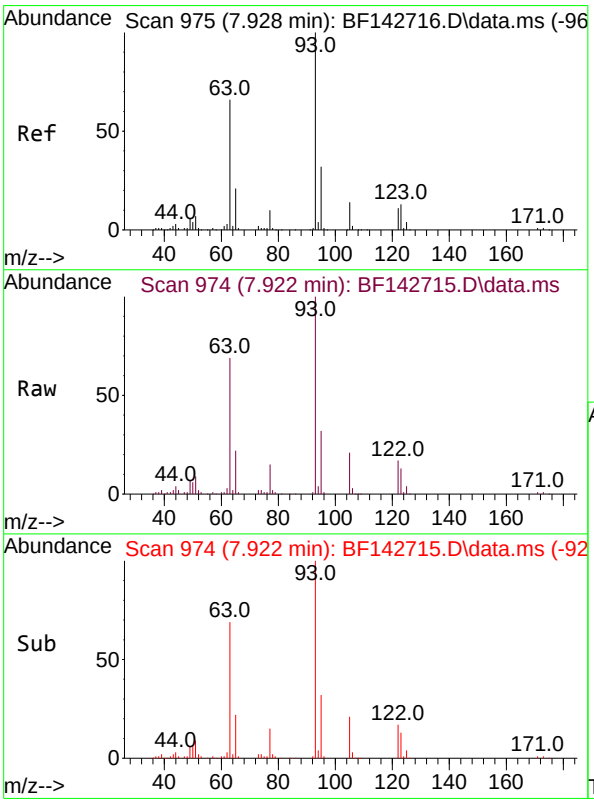
#27
2,4-Dimethylphenol
Concen: 20.170 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

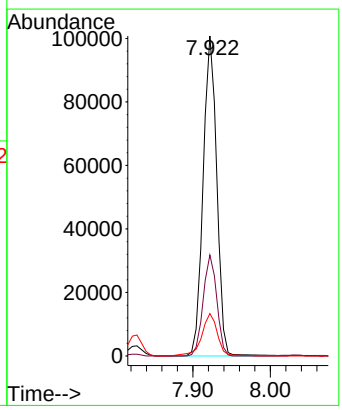


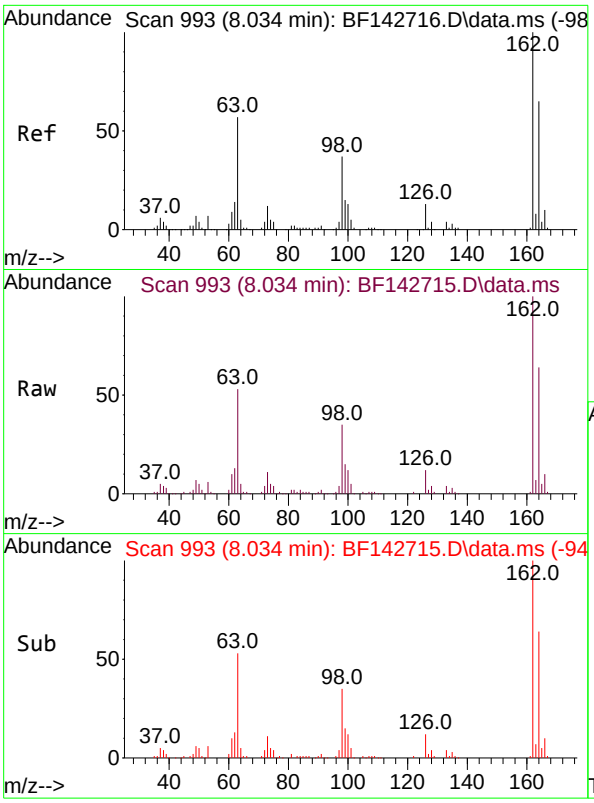


#28
bis(2-Chloroethoxy)methane
Concen: 21.148 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



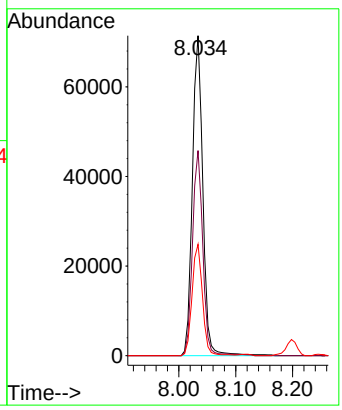


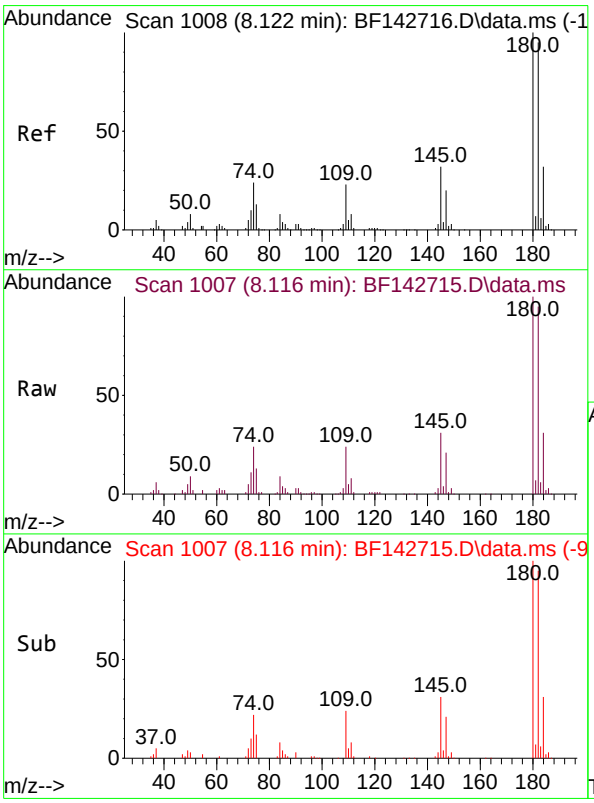
#29
2,4-Dichlorophenol
Concen: 20.874 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

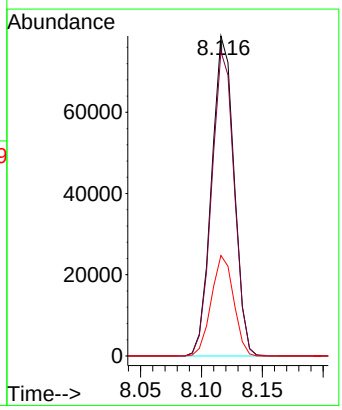


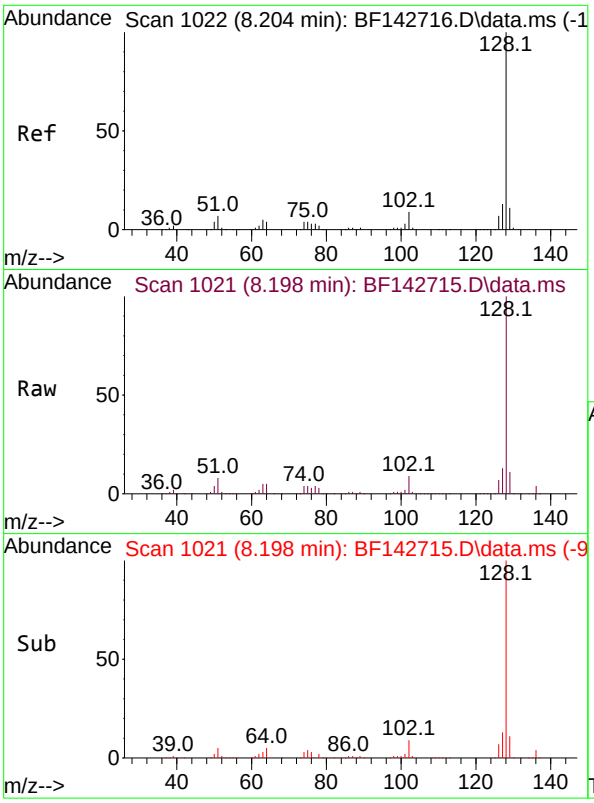


#30
1,2,4-Trichlorobenzene
Concen: 20.839 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



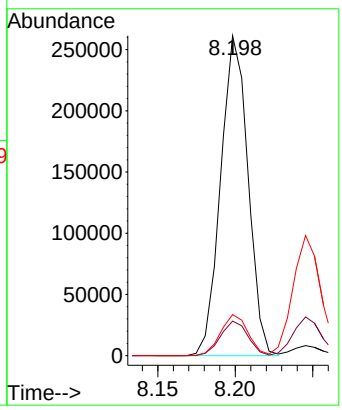


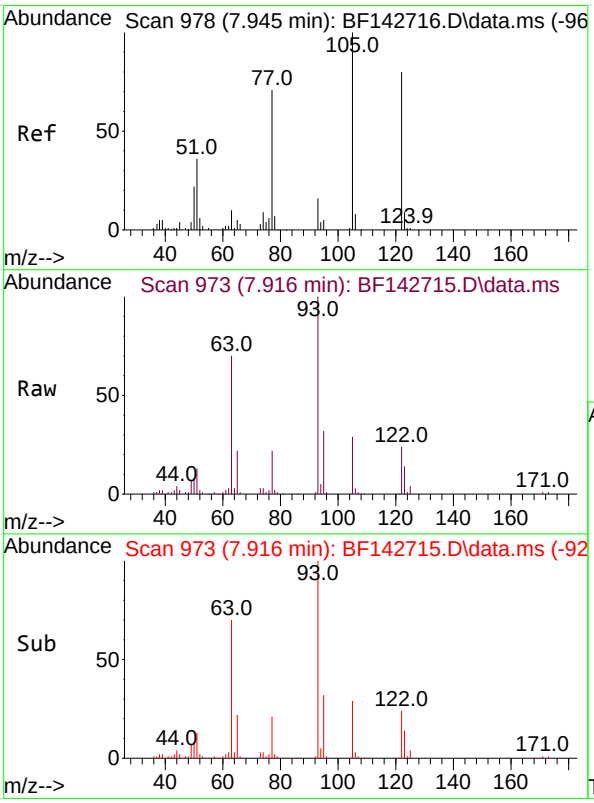
#31
Naphthalene
Concen: 20.724 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

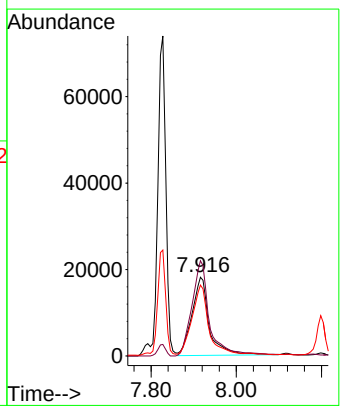


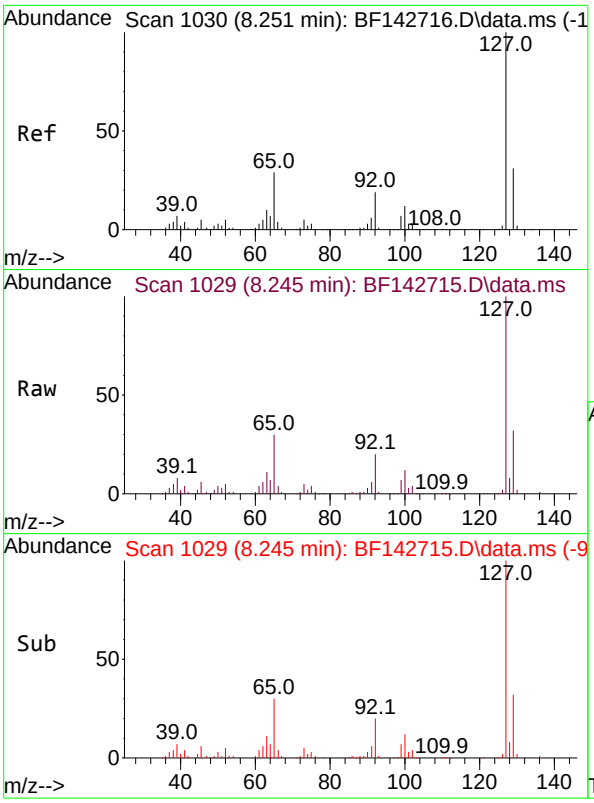


#32
Benzoic acid
Concen: 17.603 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



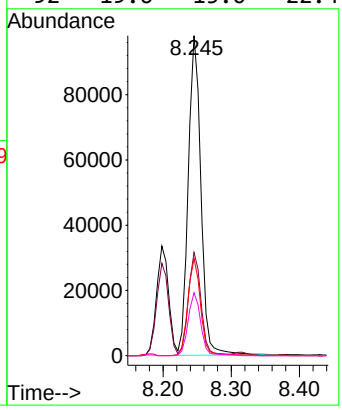


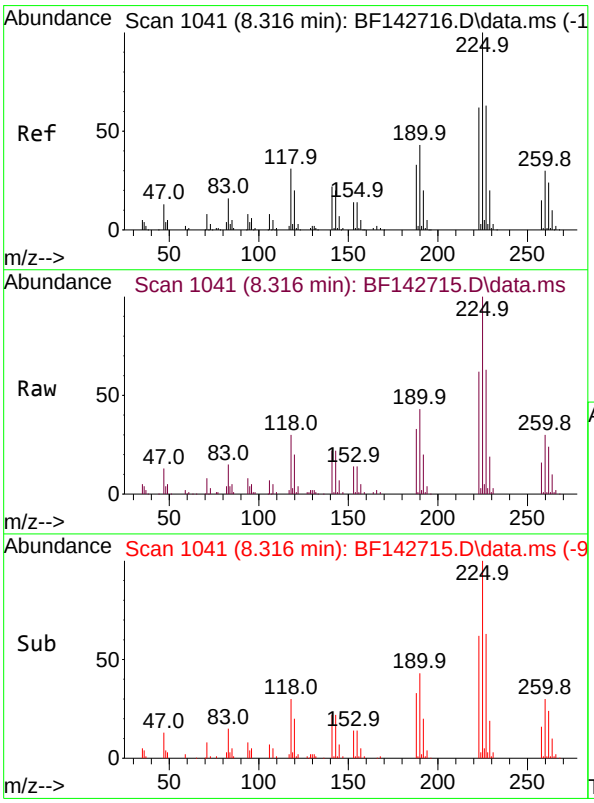
#33
4-Chloroaniline
Concen: 19.722 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

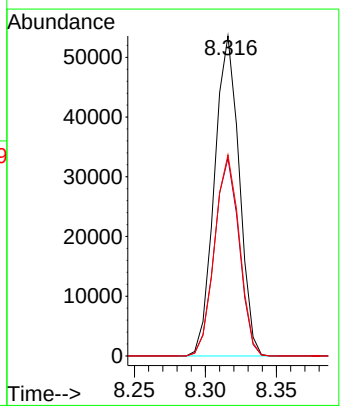


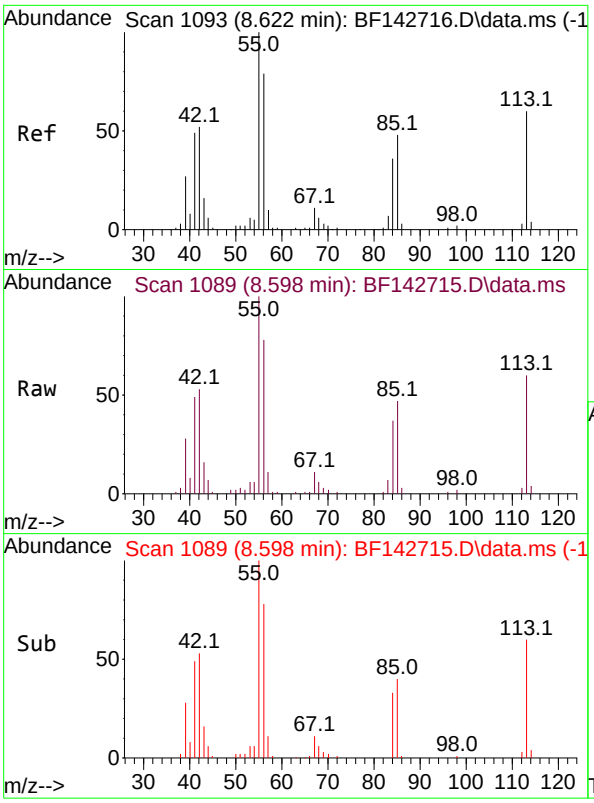


#34
Hexachlorobutadiene
Concen: 21.572 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



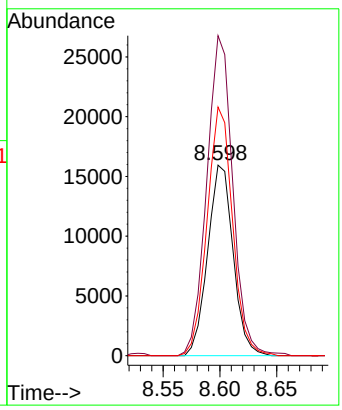


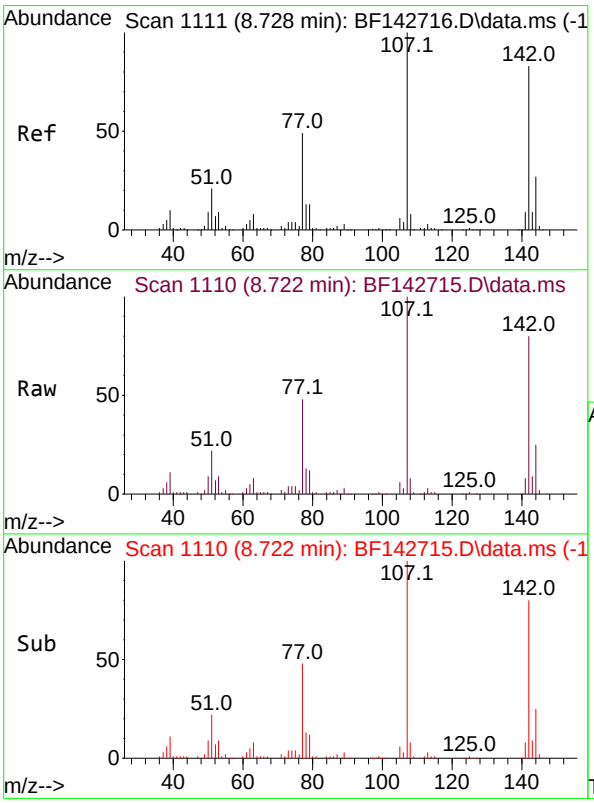
#35
Caprolactam
Concen: 18.615 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

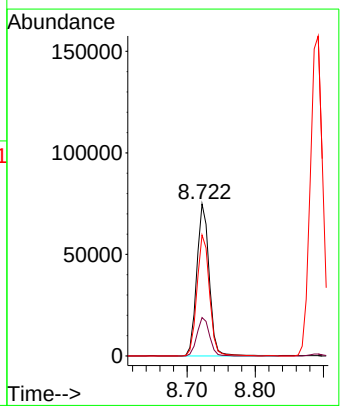


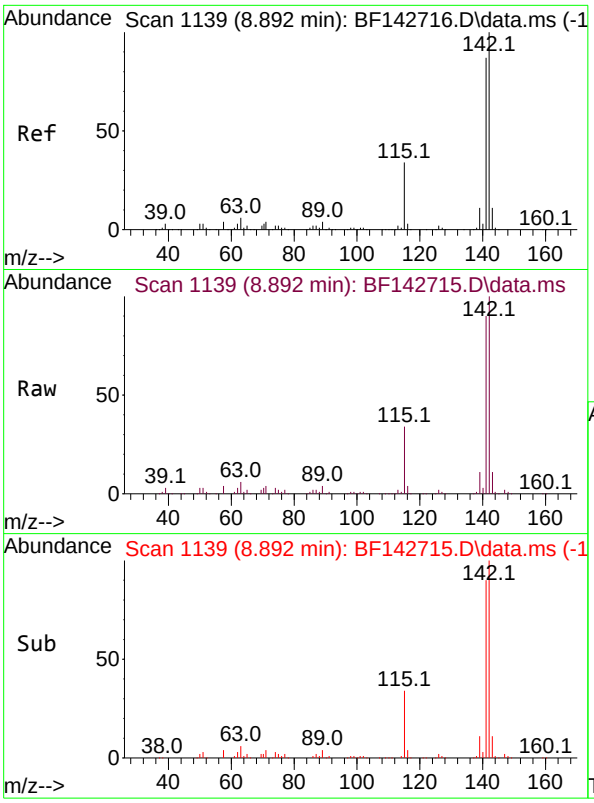


#36
4-Chloro-3-methylphenol
Concen: 20.614 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



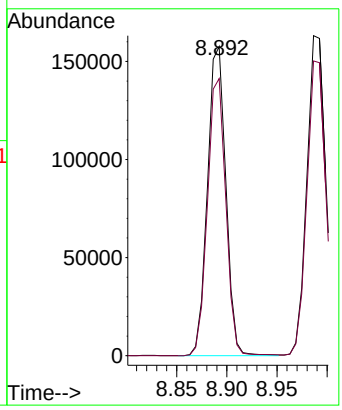


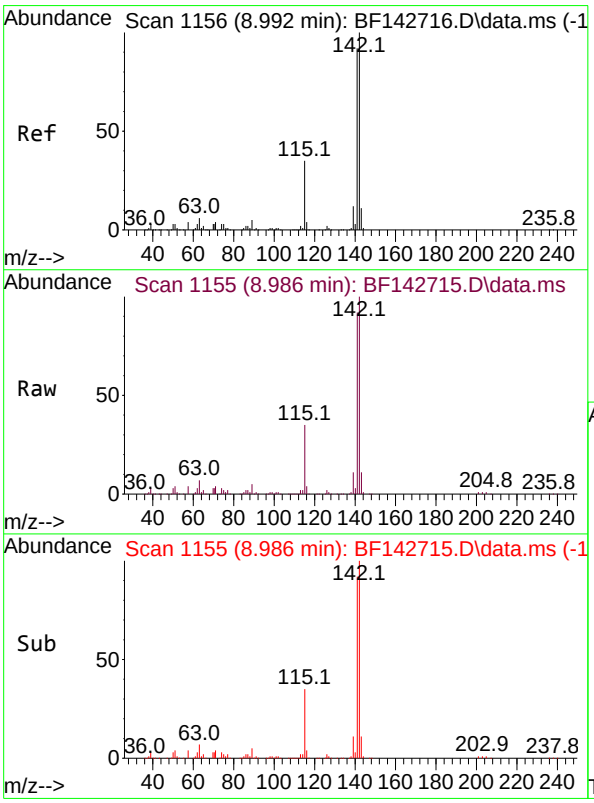
#37
2-Methylnaphthalene
Concen: 20.401 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 201323

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.9	104.9

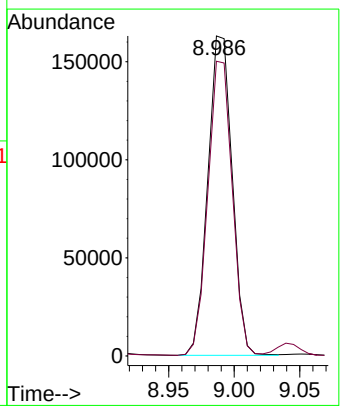


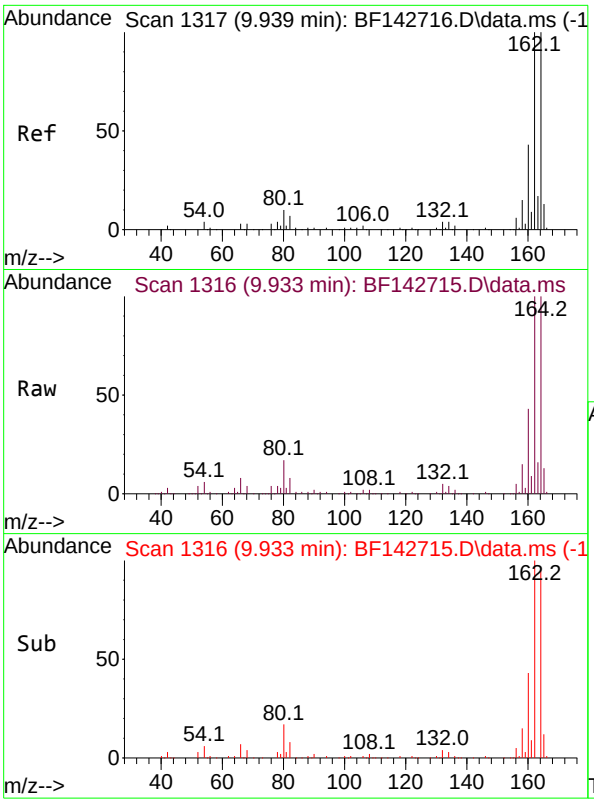


#38
1-Methylnaphthalene
Concen: 20.677 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

Tgt Ion:142 Resp: 210345

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3



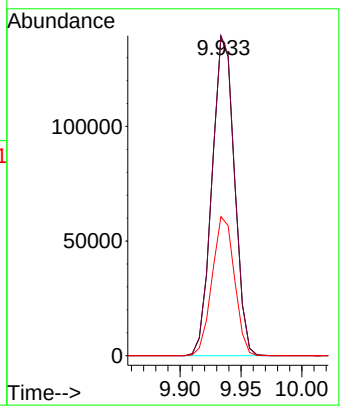


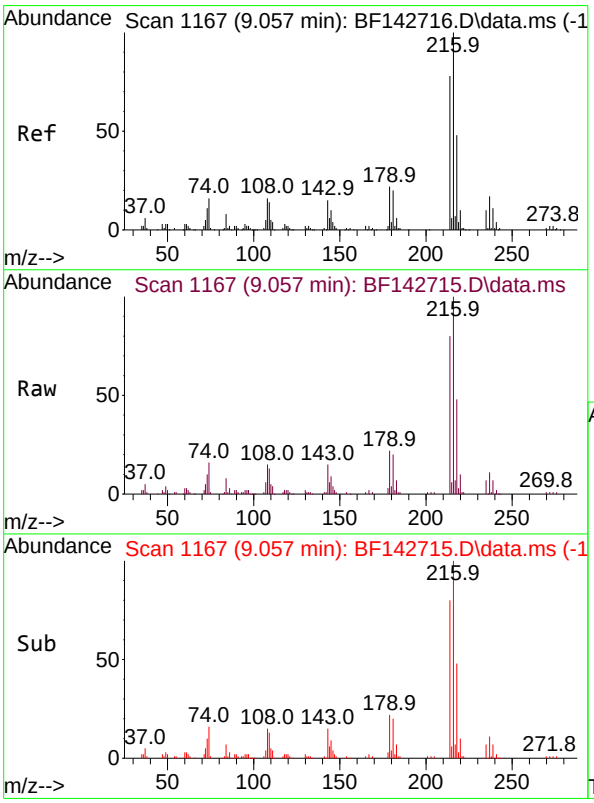
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

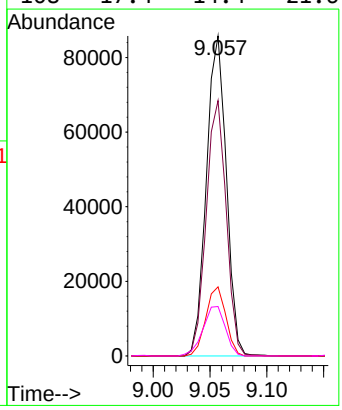


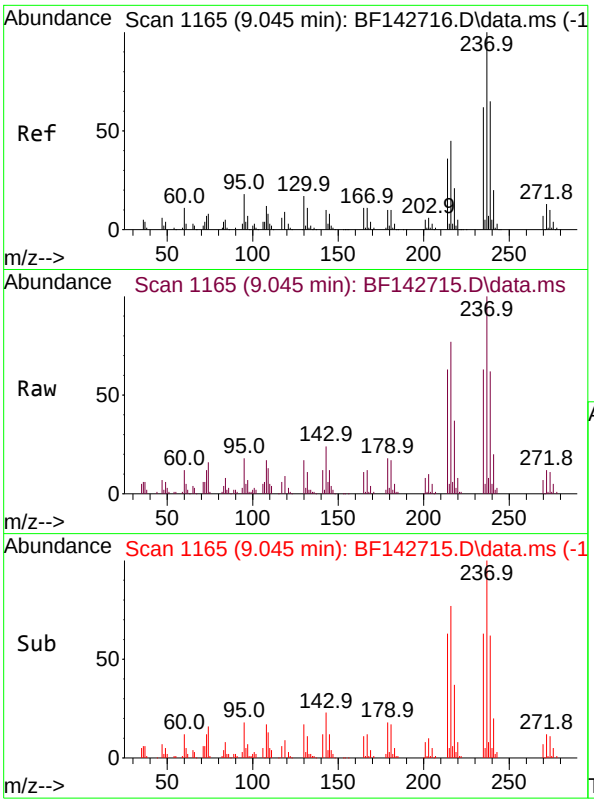


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.240 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



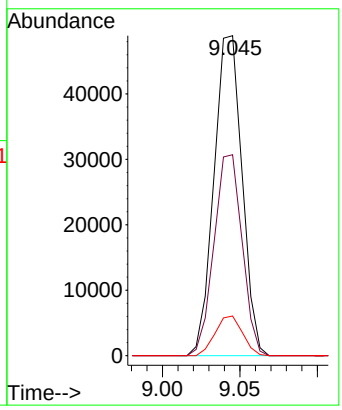


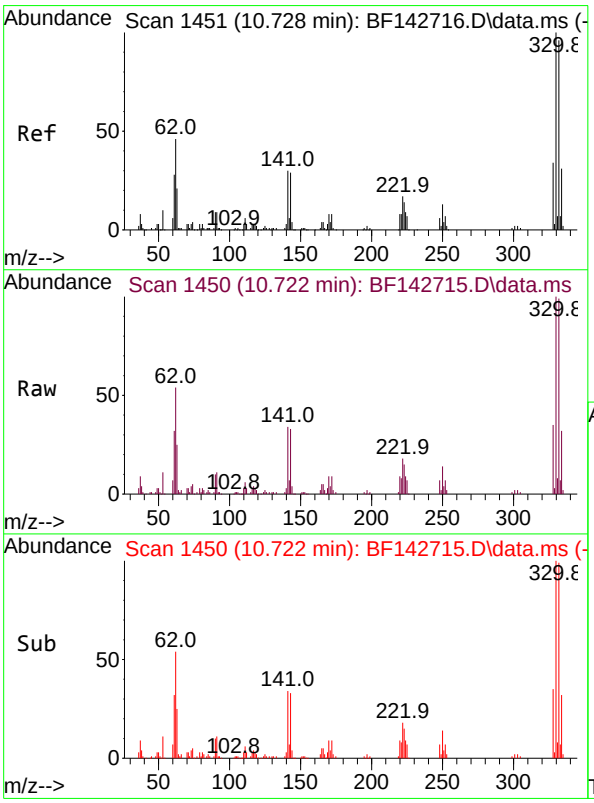
#41
Hexachlorocyclopentadiene
Concen: 20.035 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

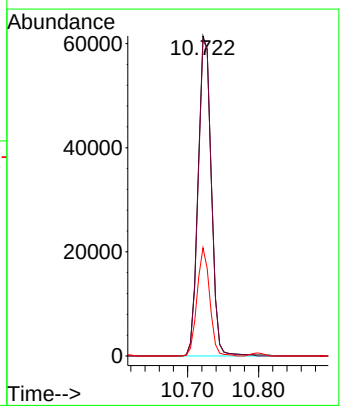


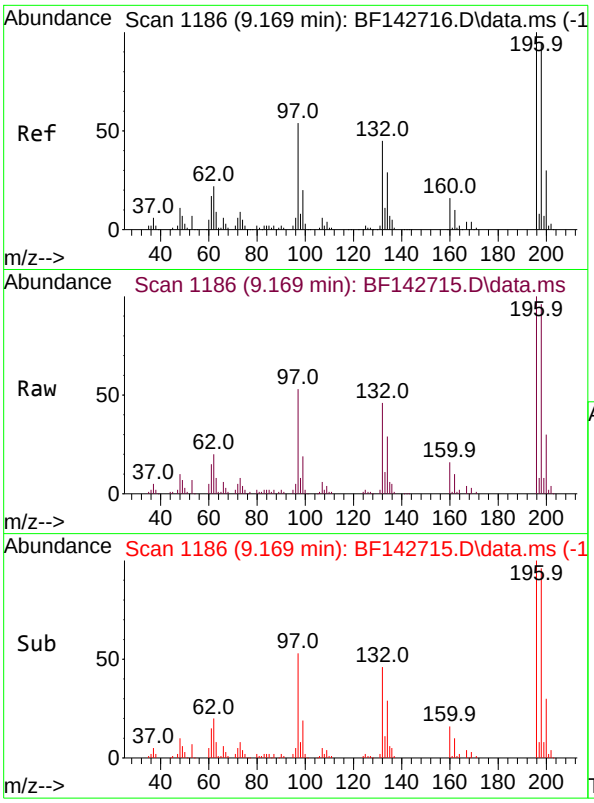


#42
2,4,6-Tribromophenol
Concen: 40.055 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



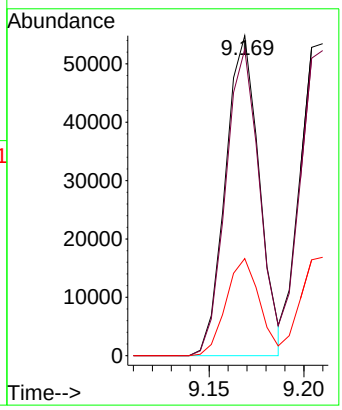


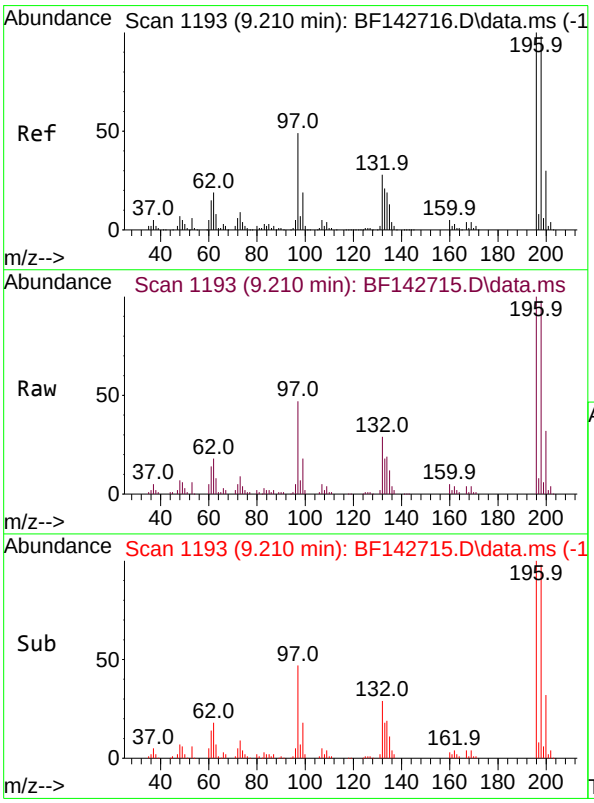
#43
2,4,6-Trichlorophenol
Concen: 20.145 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

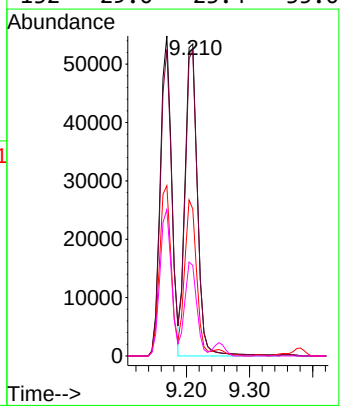


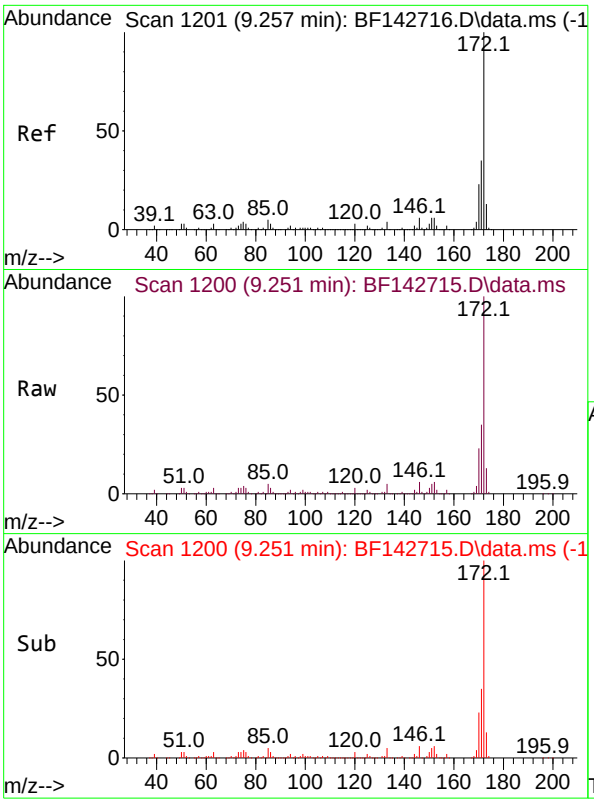


#44
2,4,5-Trichlorophenol
Concen: 20.277 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



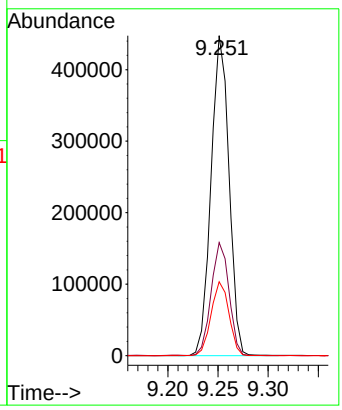


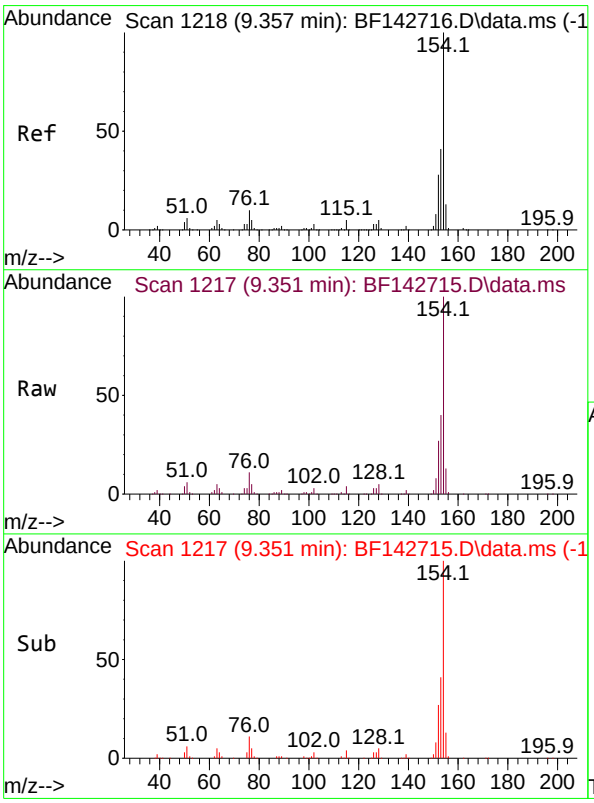
#45
2-Fluorobiphenyl
Concen: 42.608 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

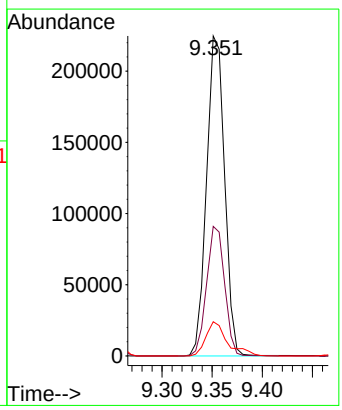


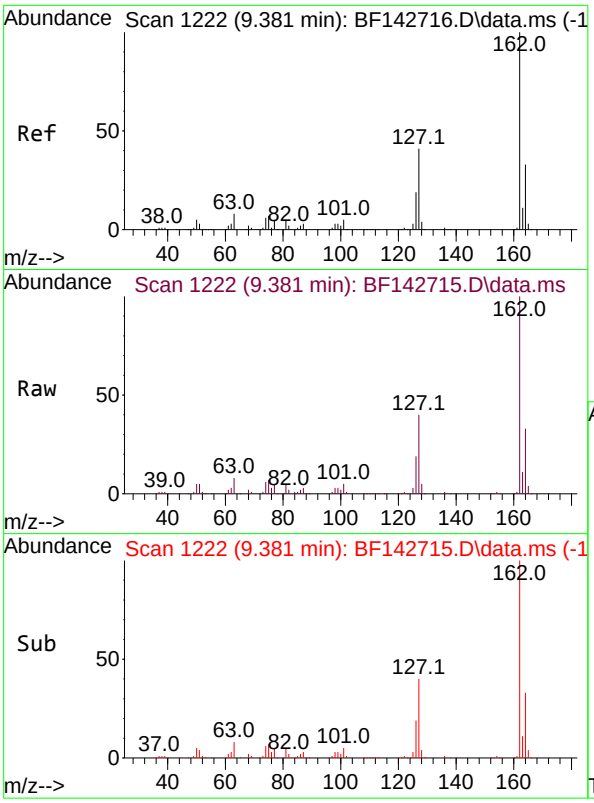


#46
1,1'-Biphenyl
Concen: 20.415 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



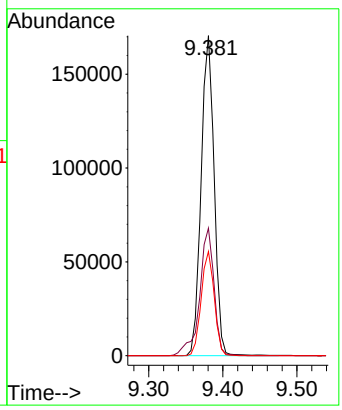


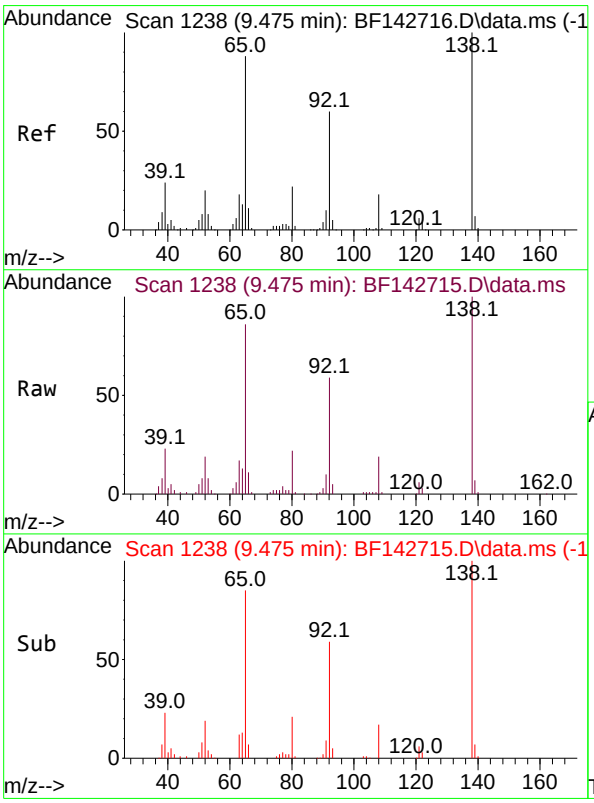
#47
2-Chloronaphthalene
Concen: 20.249 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

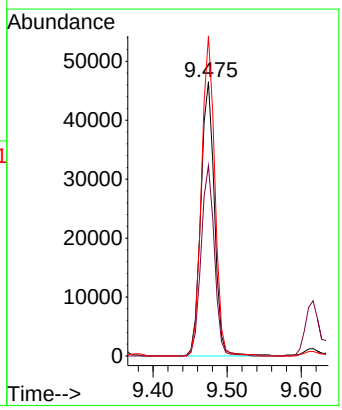


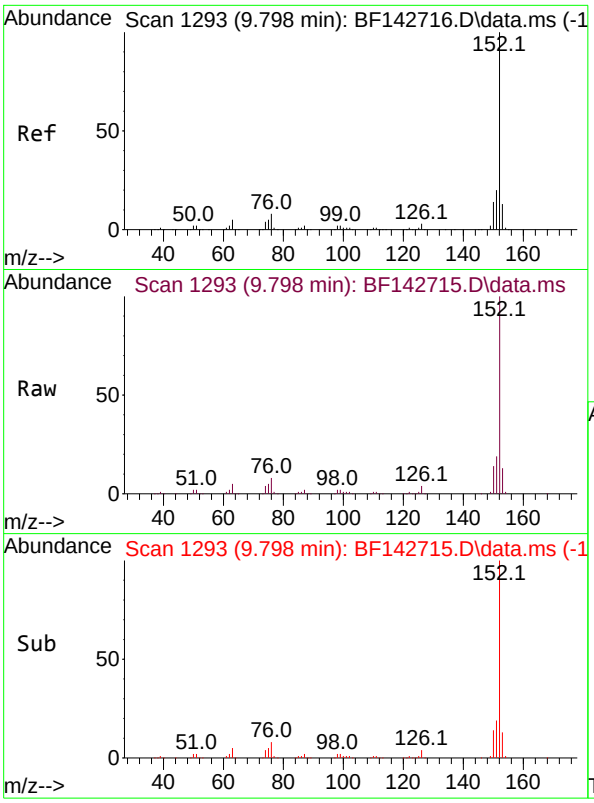


#48
2-Nitroaniline
Concen: 19.433 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



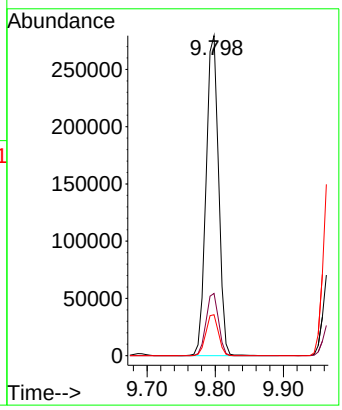


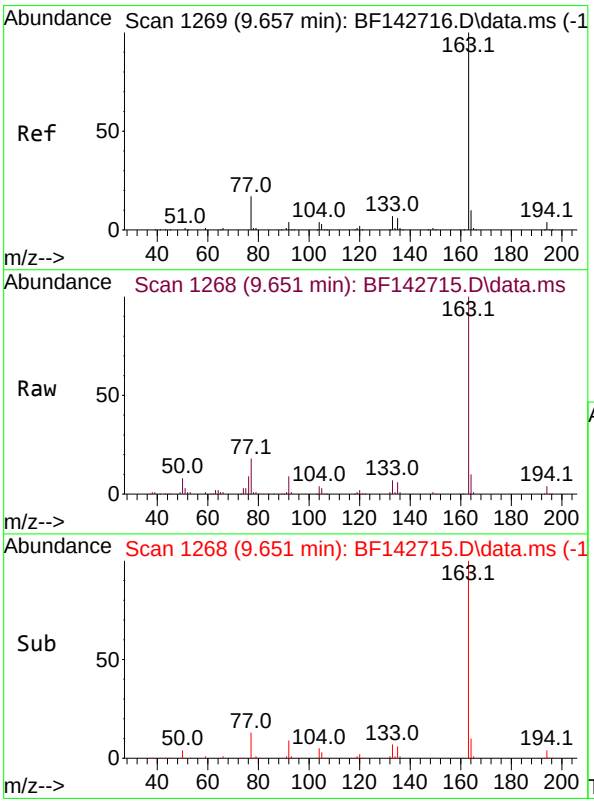
#49
Acenaphthylene
Concen: 20.763 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

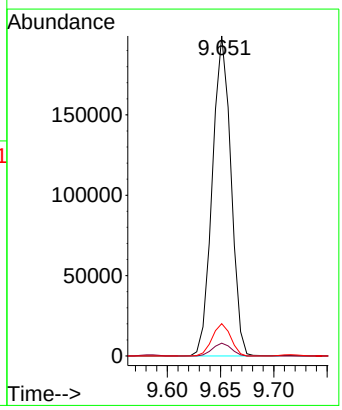


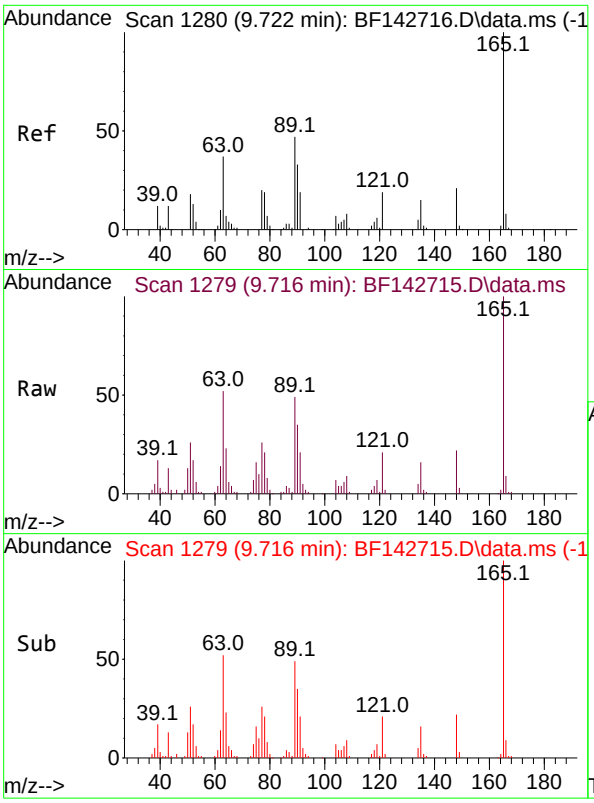


#50
Dimethylphthalate
Concen: 20.198 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



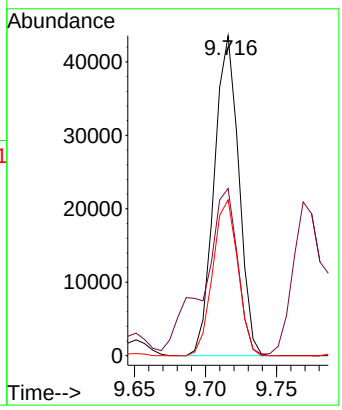


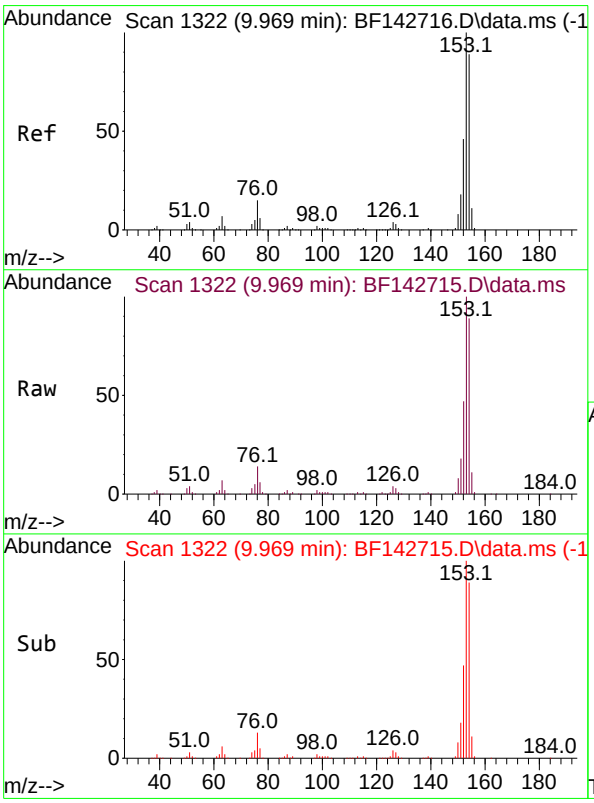
#51
2,6-Dinitrotoluene
Concen: 20.224 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

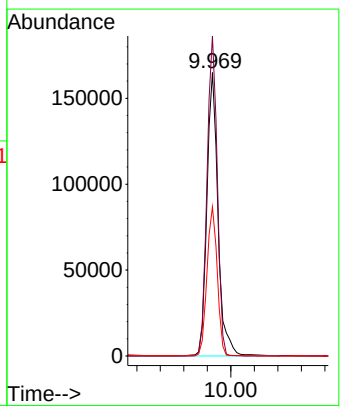


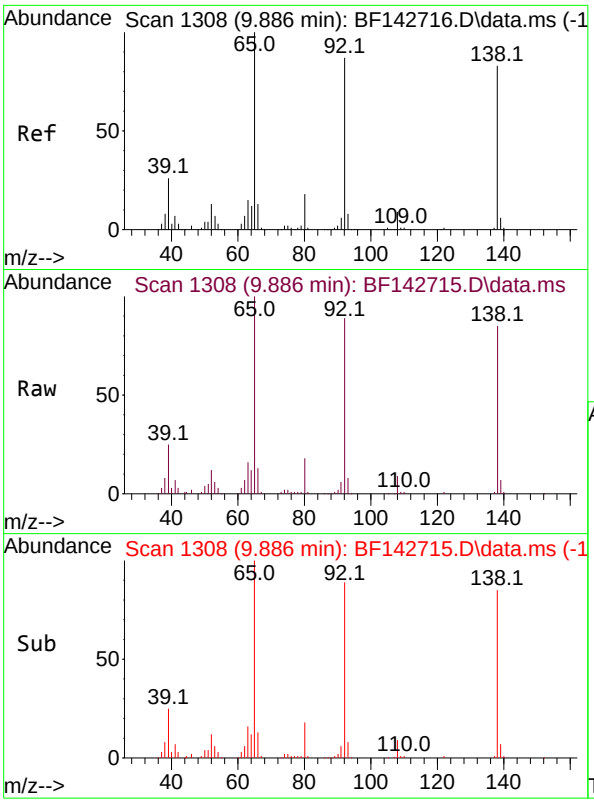


#52
Acenaphthene
Concen: 20.723 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



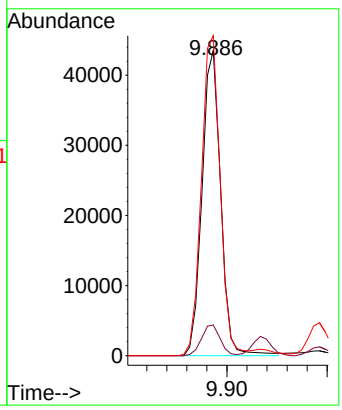


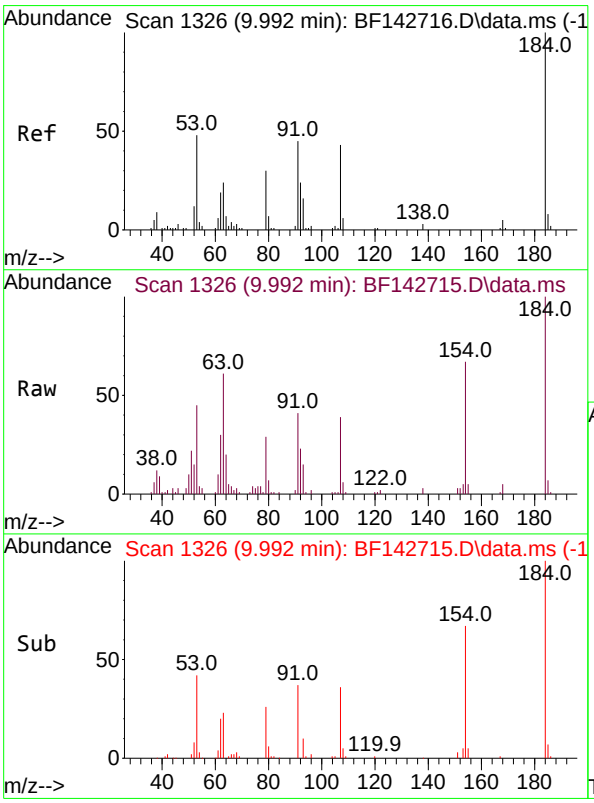
#53
3-Nitroaniline
Concen: 19.477 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

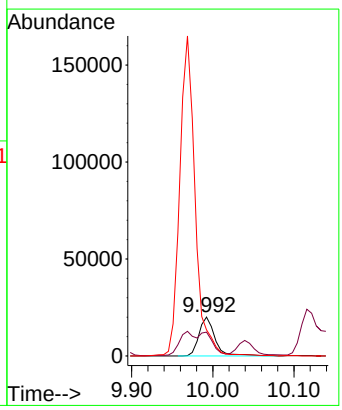


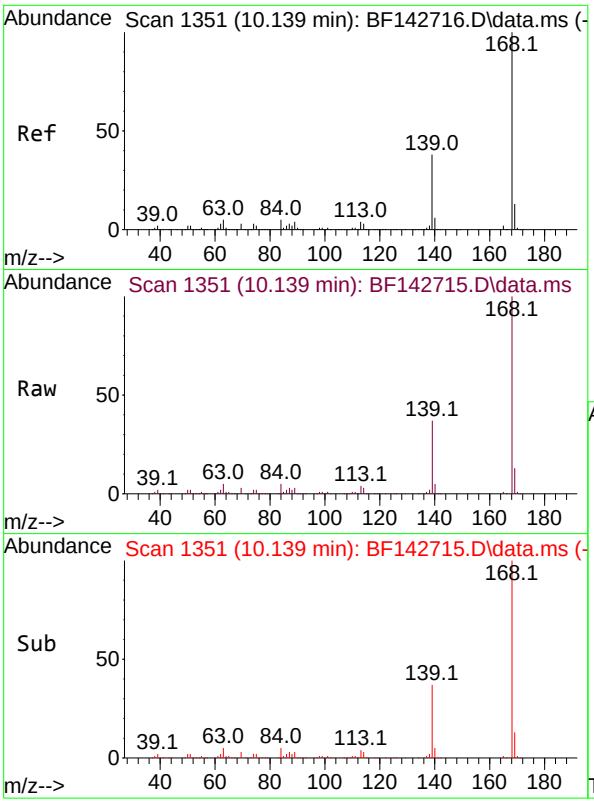


#54
2,4-Dinitrophenol
Concen: 19.262 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



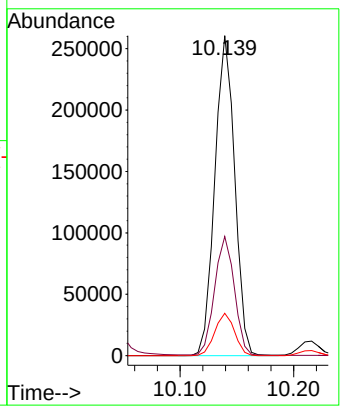


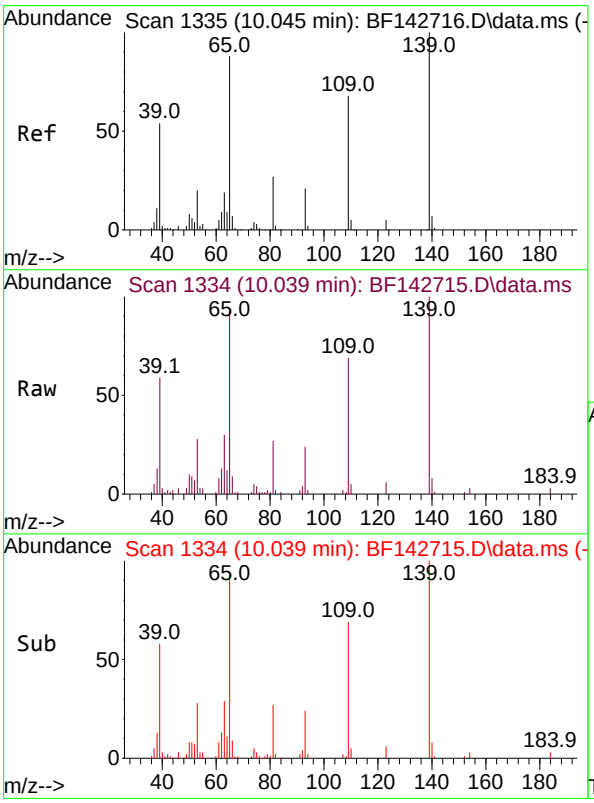
#55
Dibenzofuran
Concen: 21.043 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

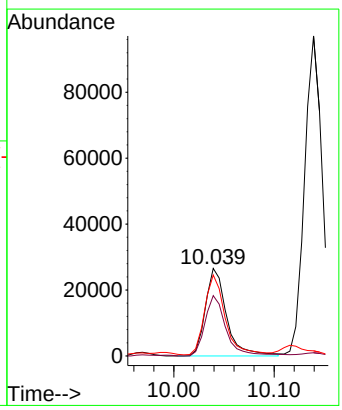


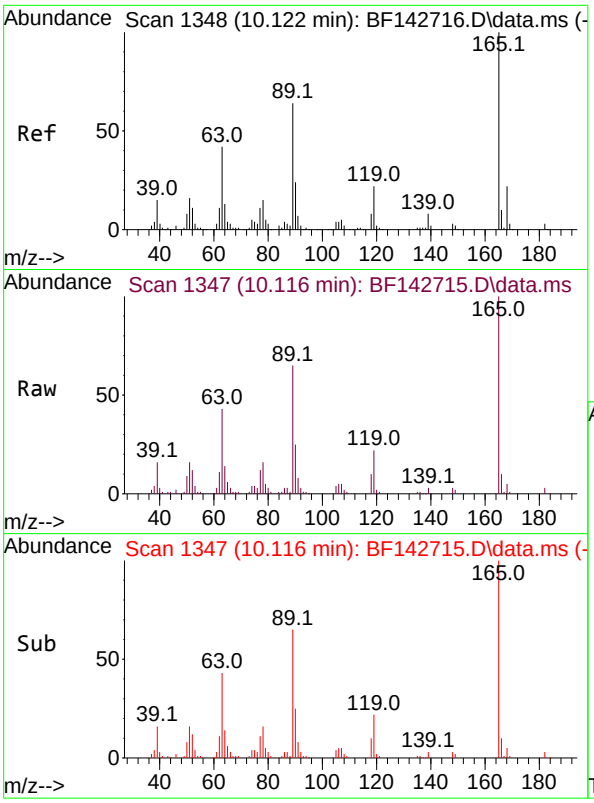


#56
4-Nitrophenol
Concen: 19.729 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



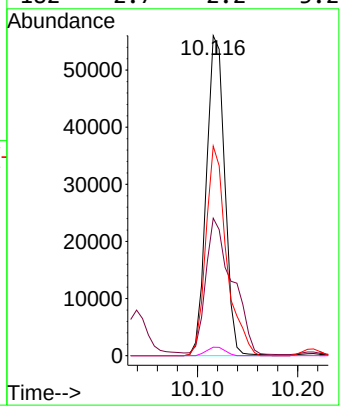


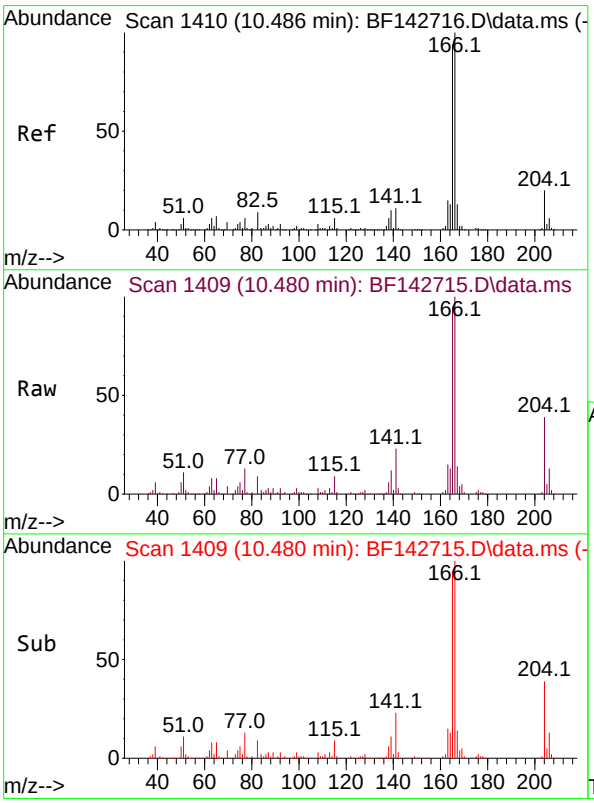
#57
2,4-Dinitrotoluene
Concen: 20.550 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

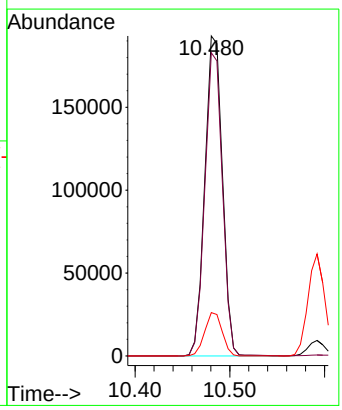


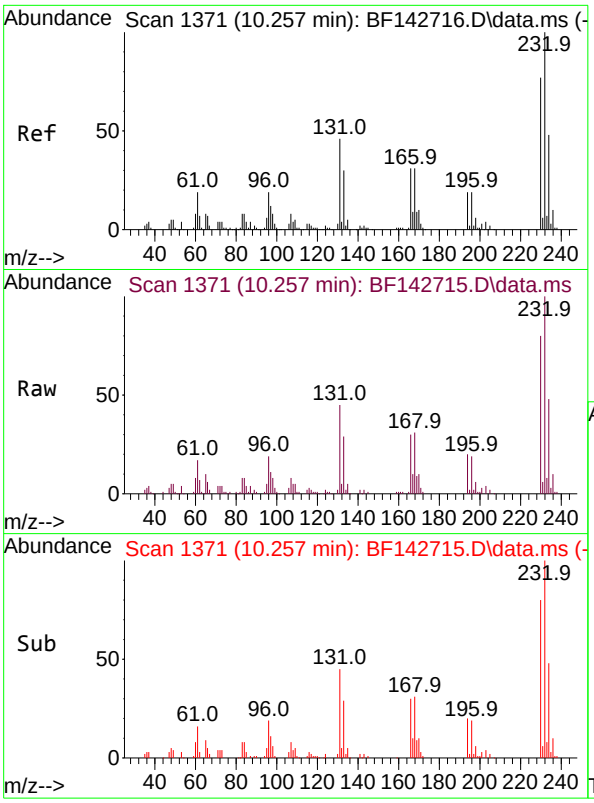


#58
Fluorene
Concen: 20.651 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



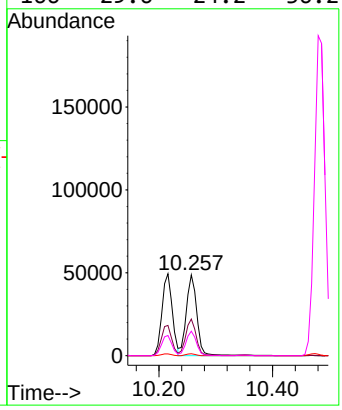


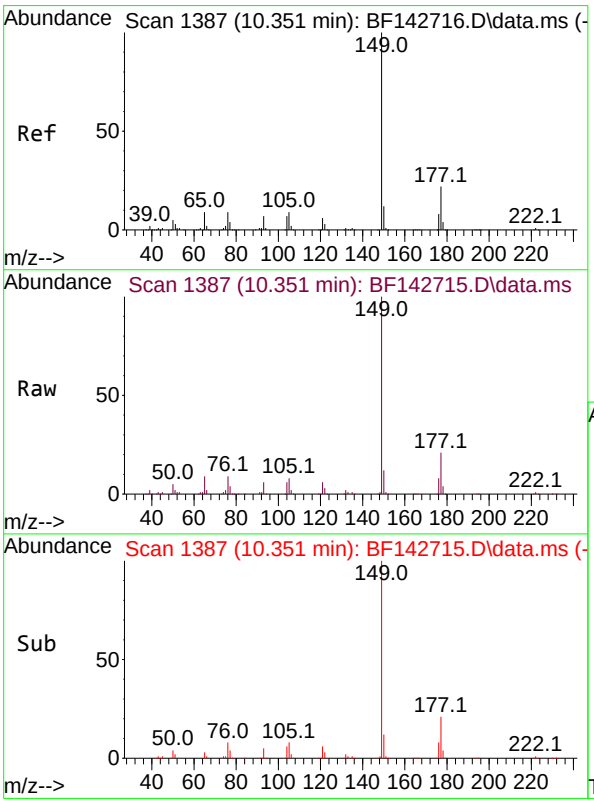
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.135 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

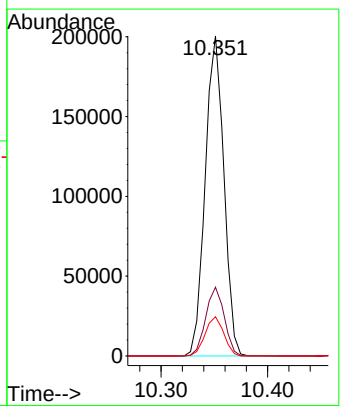


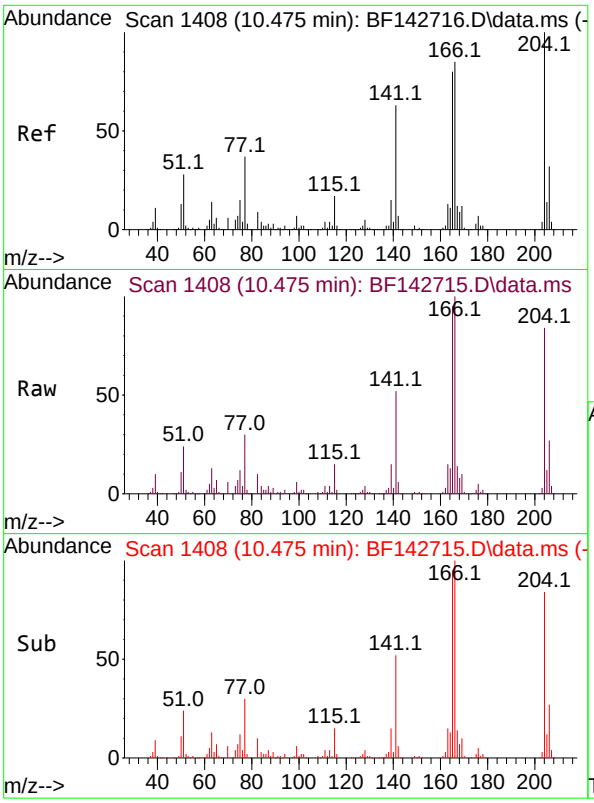


#60
Diethylphthalate
Concen: 20.962 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



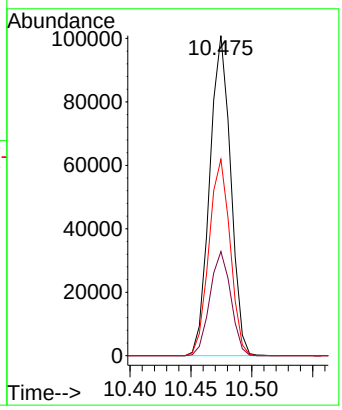


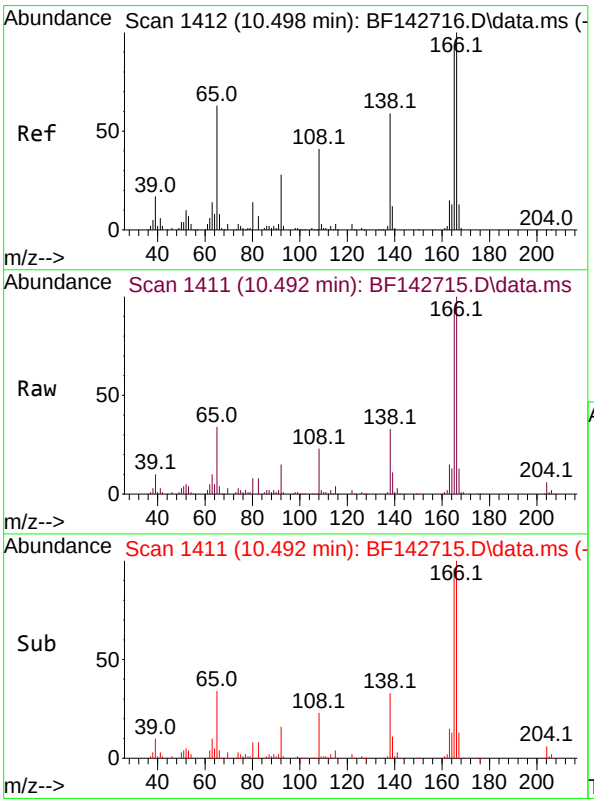
#61
4-Chlorophenyl-phenylether
Concen: 21.164 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

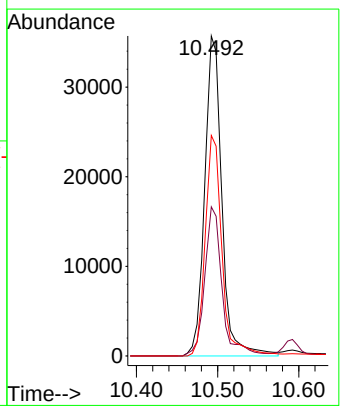


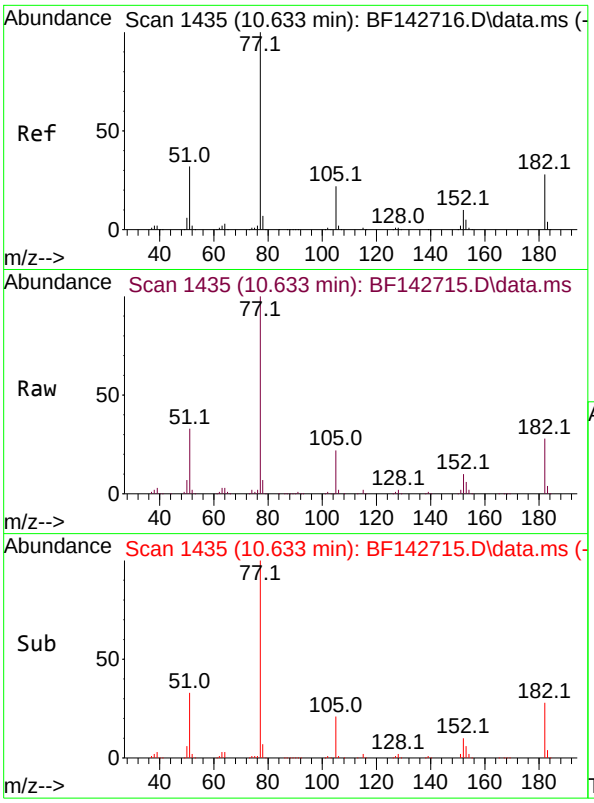


#62
4-Nitroaniline
Concen: 19.338 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



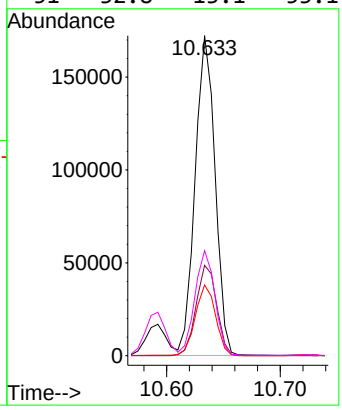


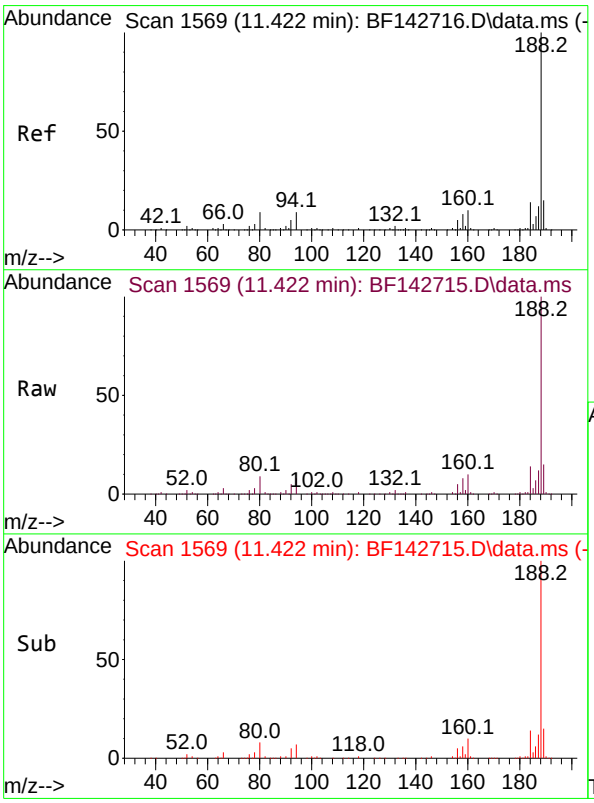
#63
Azobenzene
Concen: 20.087 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

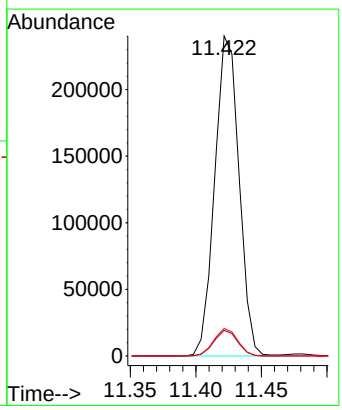


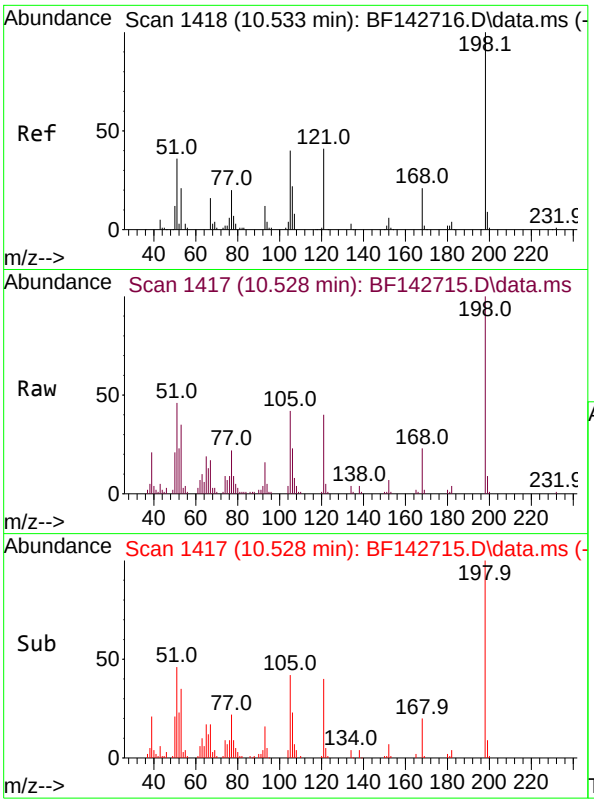


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



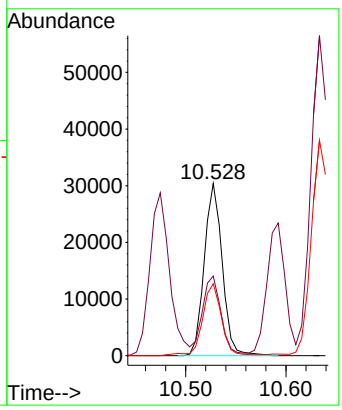


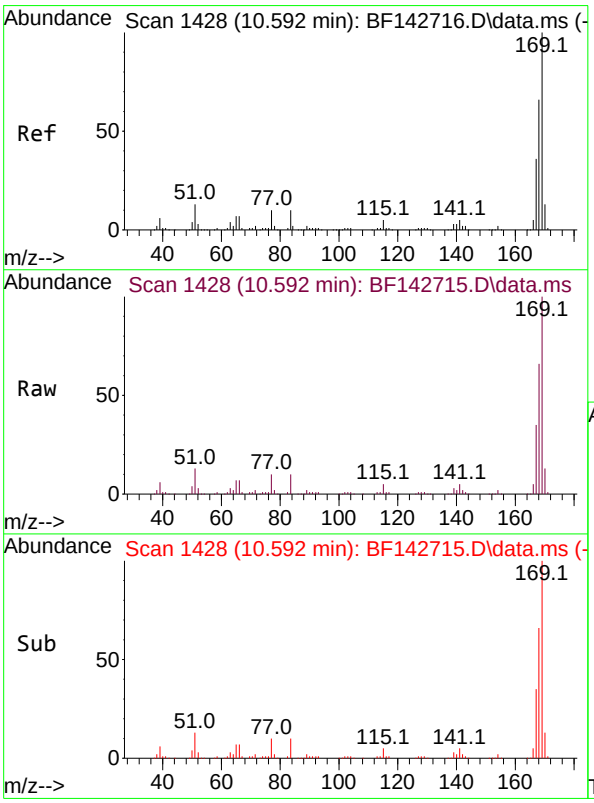
#65
4,6-Dinitro-2-methylphenol
Concen: 19.767 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

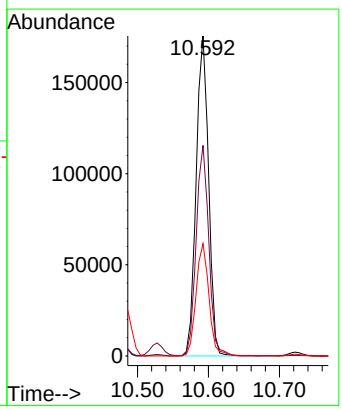


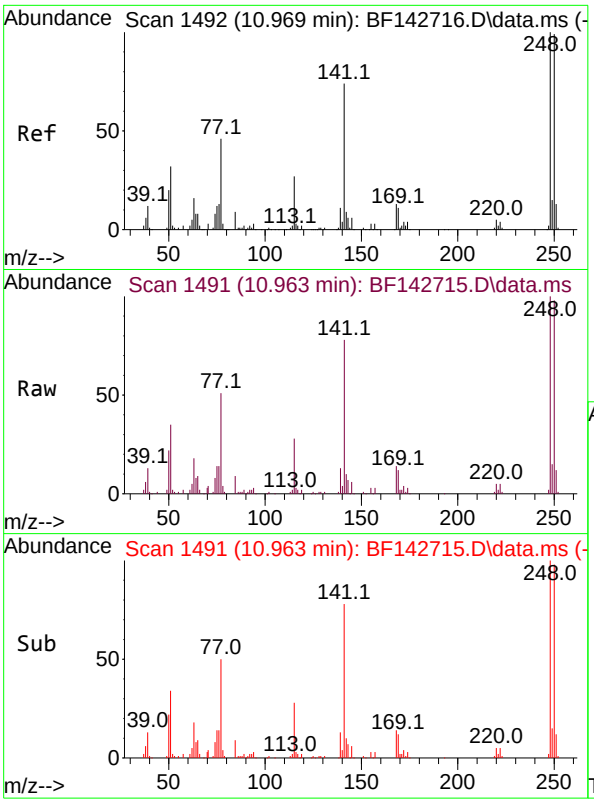


#66
n-Nitrosodiphenylamine
Concen: 21.496 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



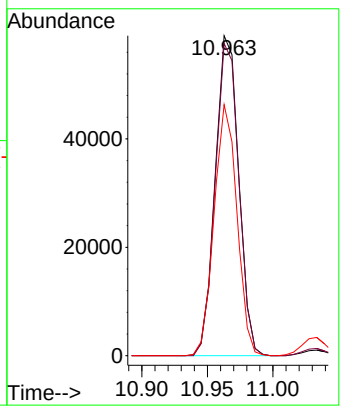


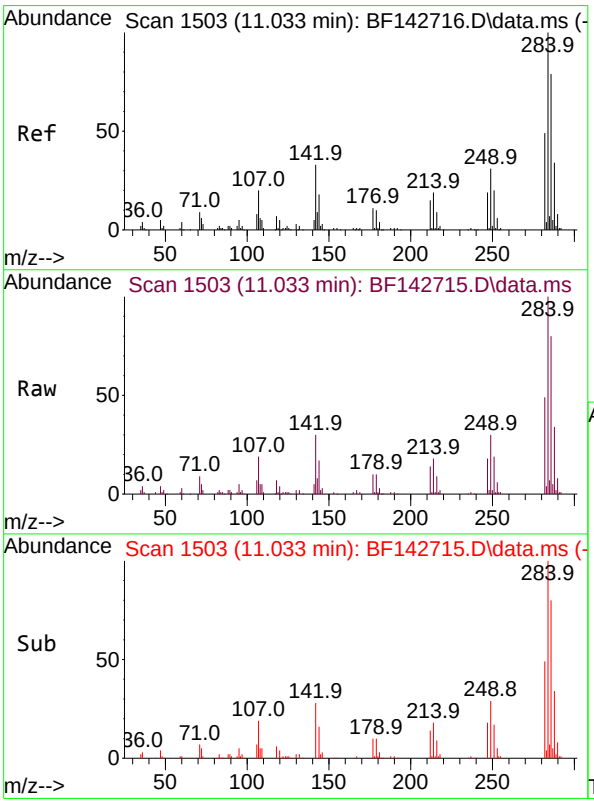
#67
4-Bromophenyl-phenylether
Concen: 21.518 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

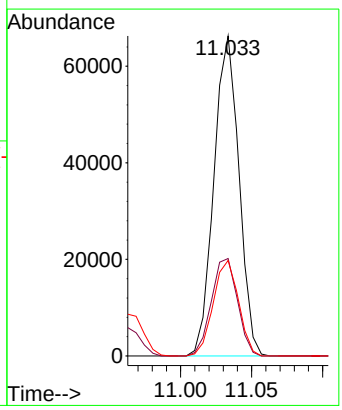


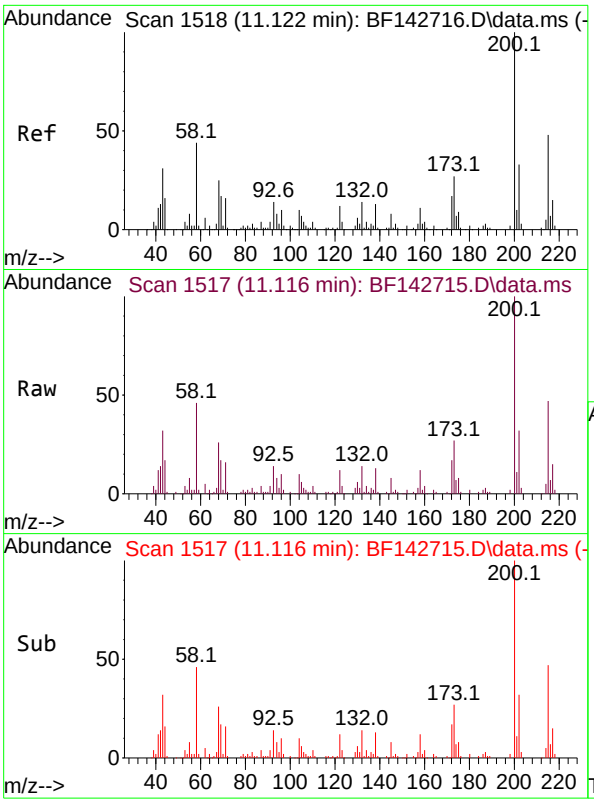


#68
Hexachlorobenzene
Concen: 20.794 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



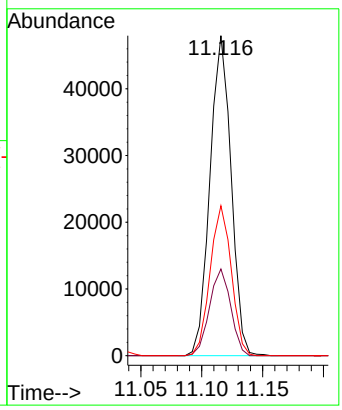


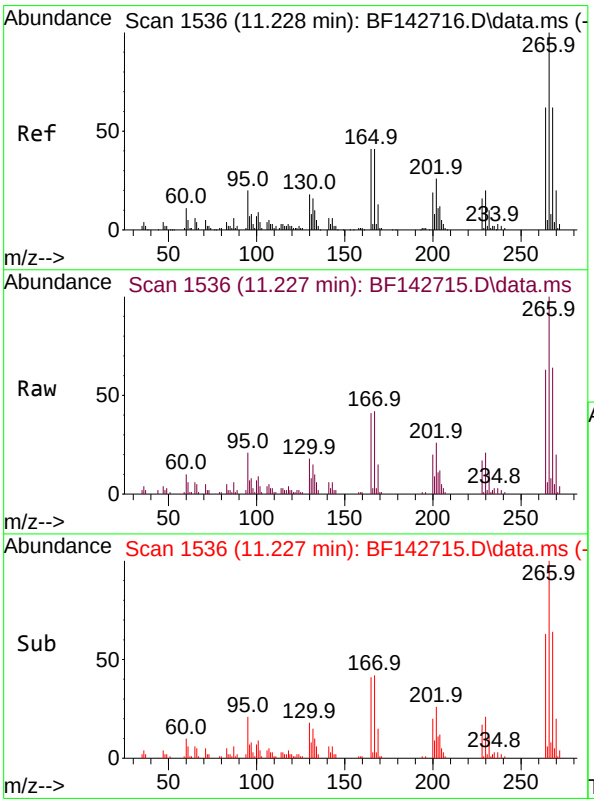
#69
Atrazine
Concen: 19.586 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

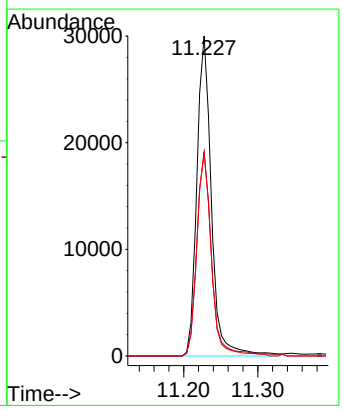


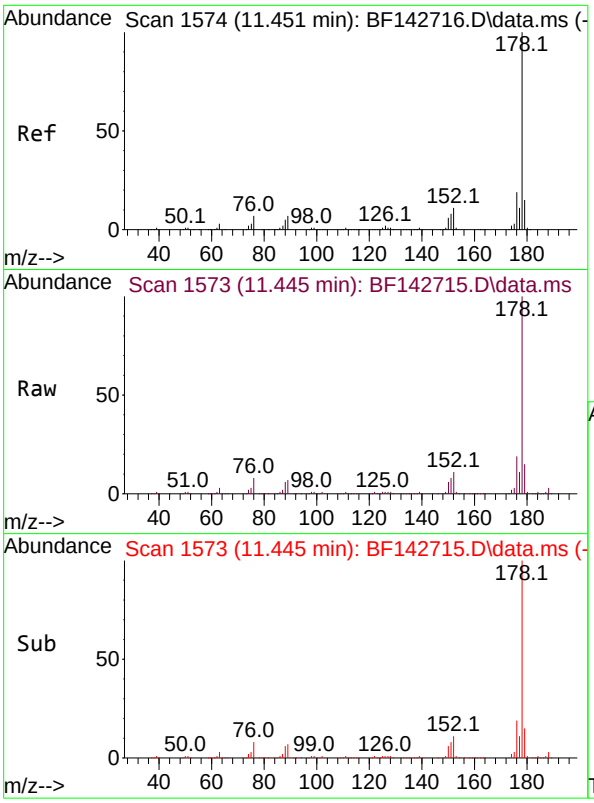


#70
Pentachlorophenol
Concen: 19.434 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



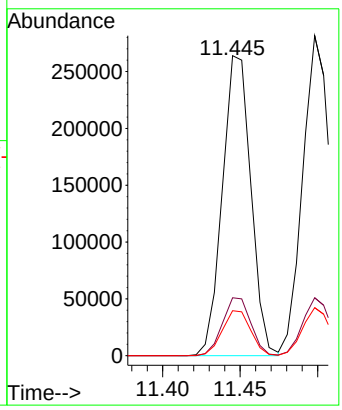


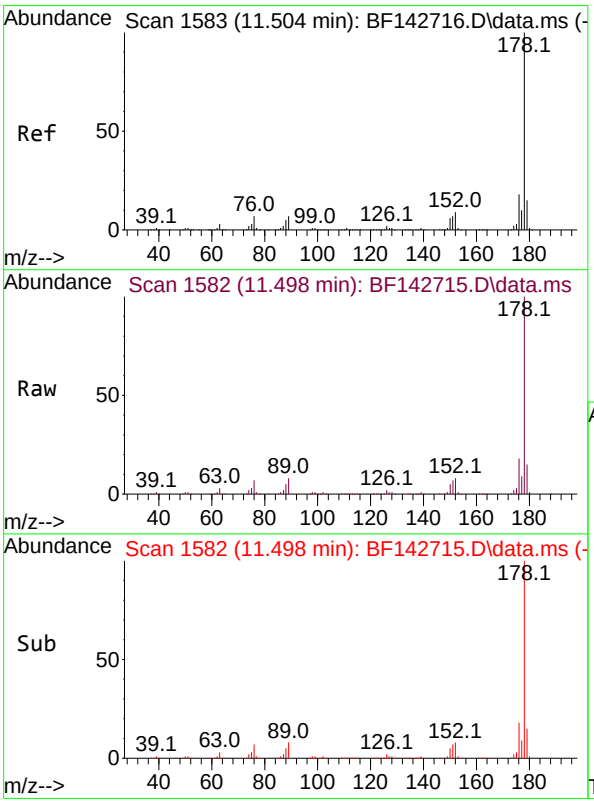
#71
Phenanthrene
Concen: 20.462 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

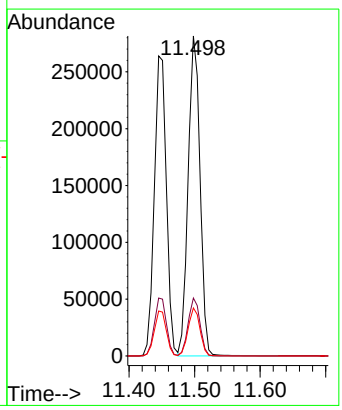


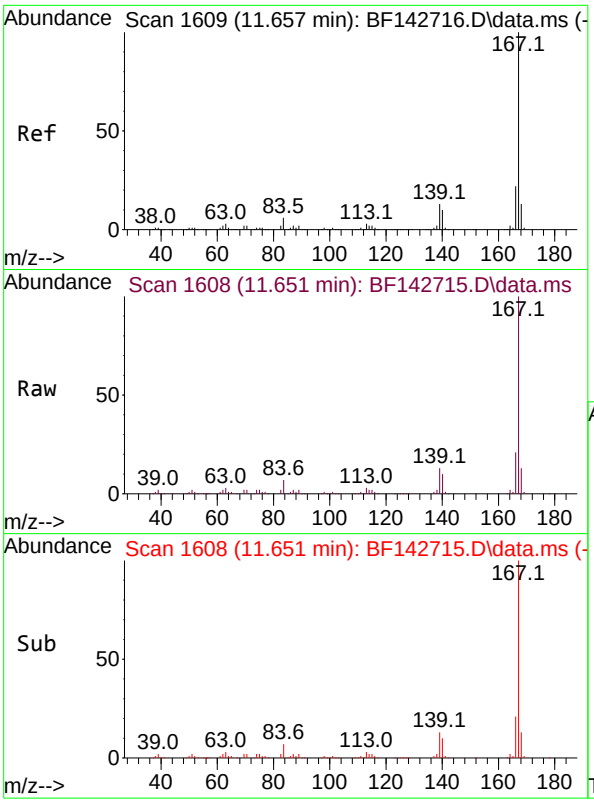


#72
Anthracene
Concen: 20.574 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



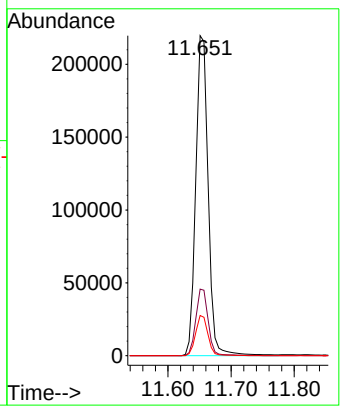


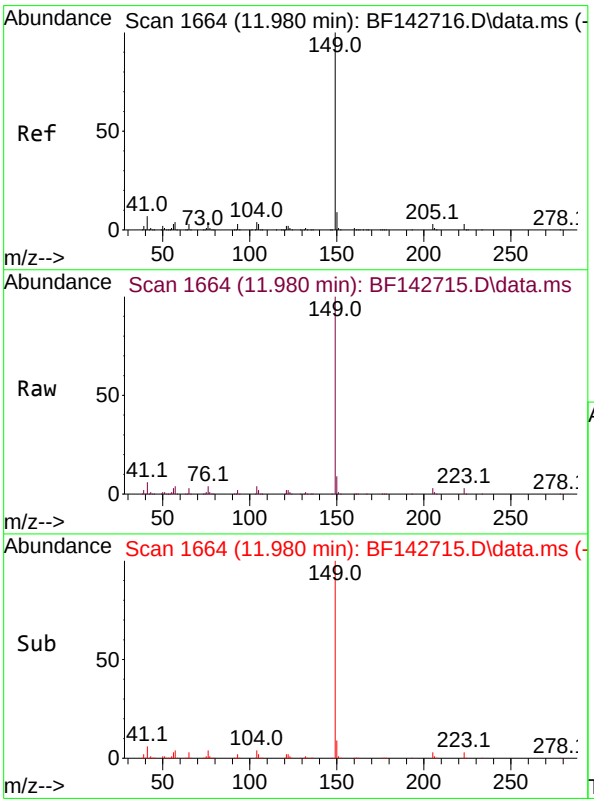
#73
Carbazole
Concen: 19.681 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

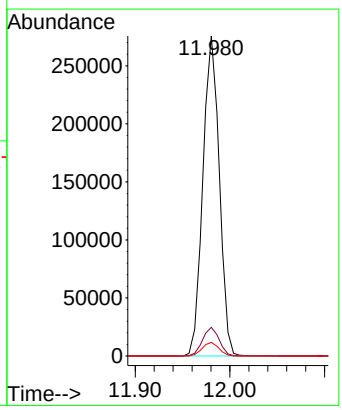


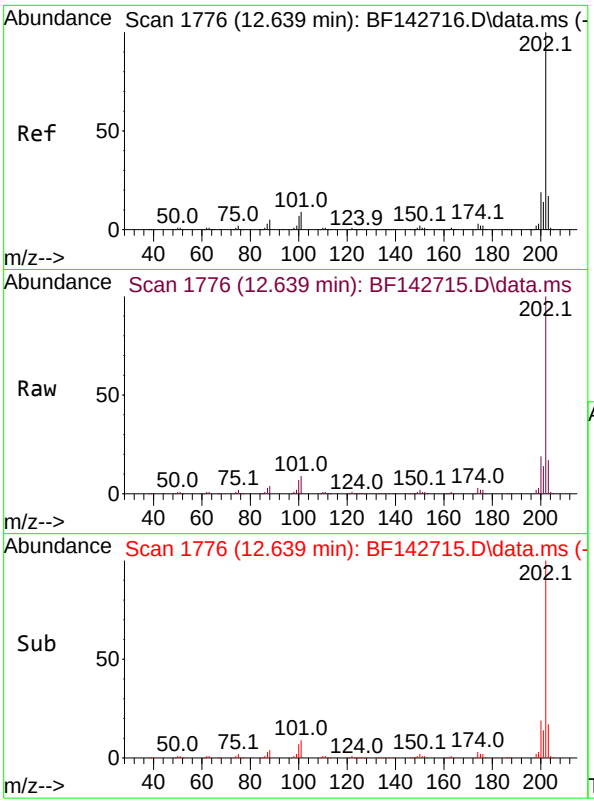


#74
Di-n-butylphthalate
Concen: 20.596 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



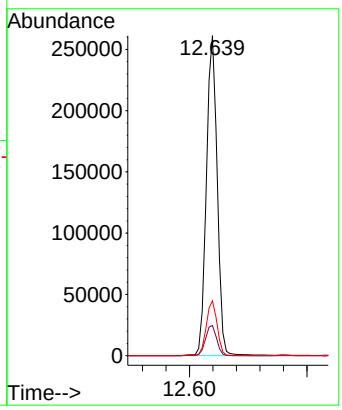


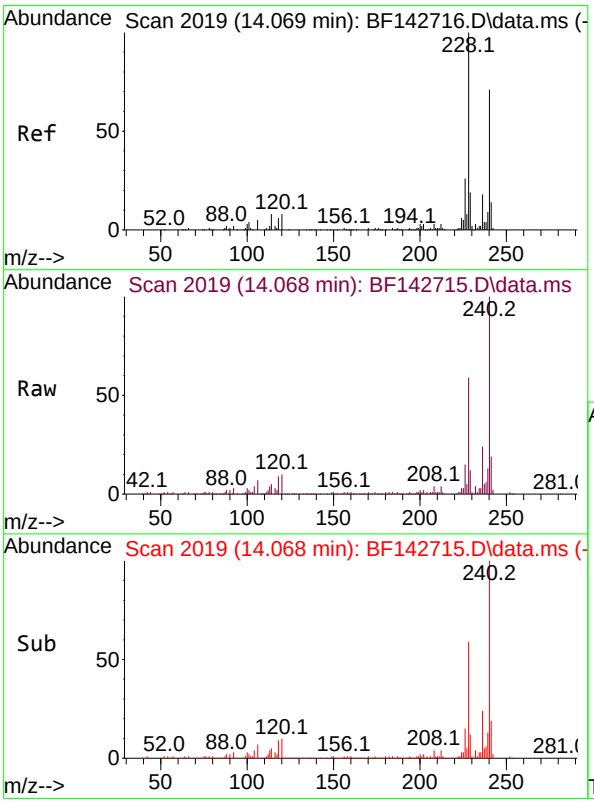
#75
Fluoranthene
Concen: 20.774 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

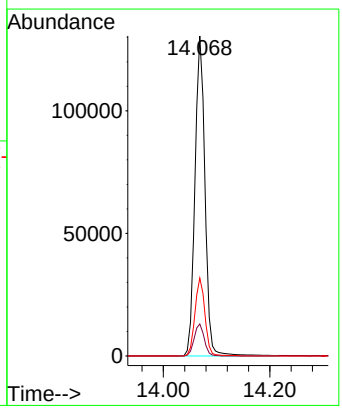


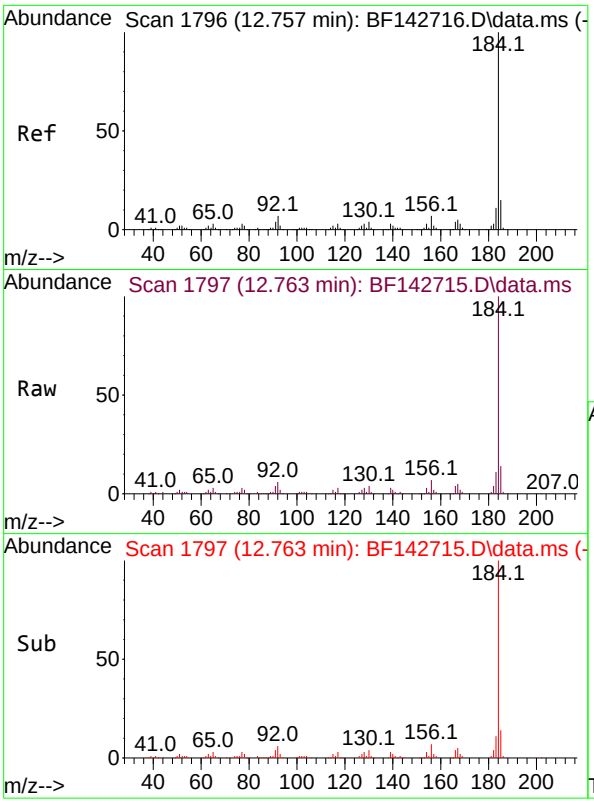


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



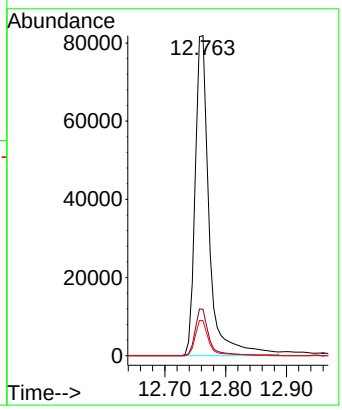


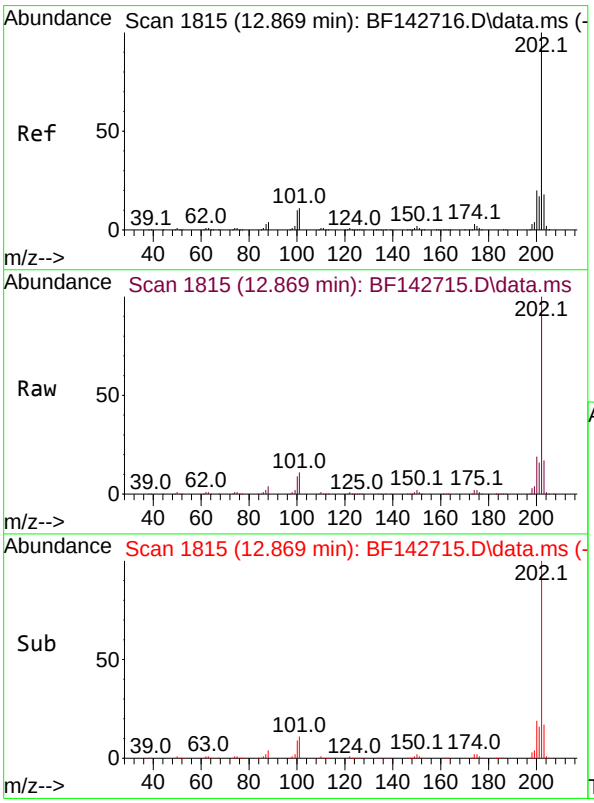
#77
Benzidine
Concen: 21.990 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

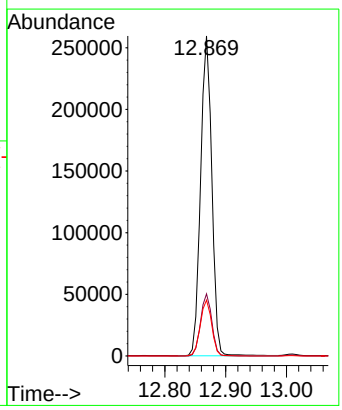


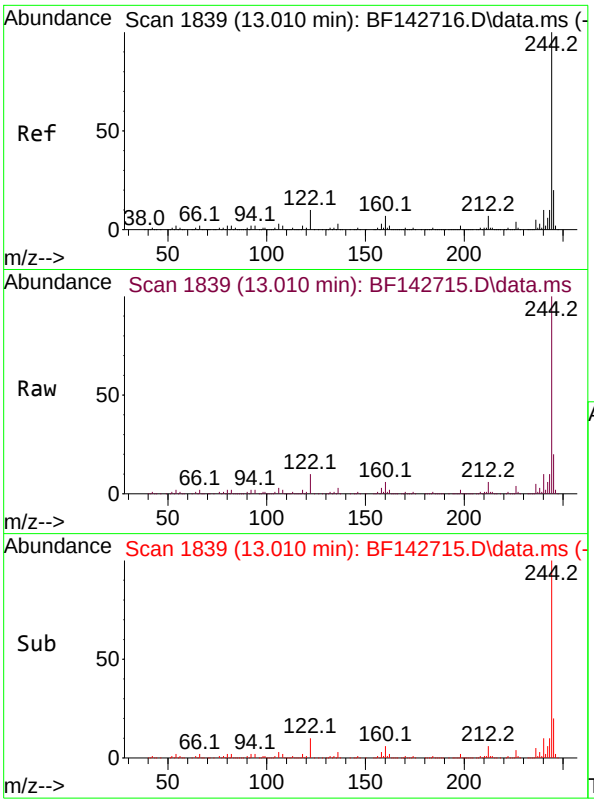


#78
Pyrene
Concen: 22.830 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



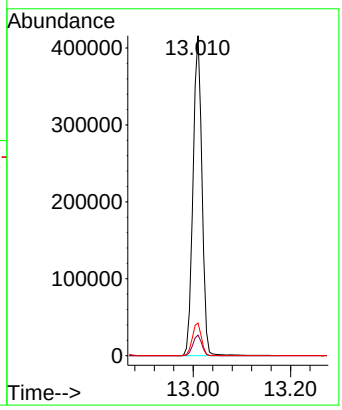


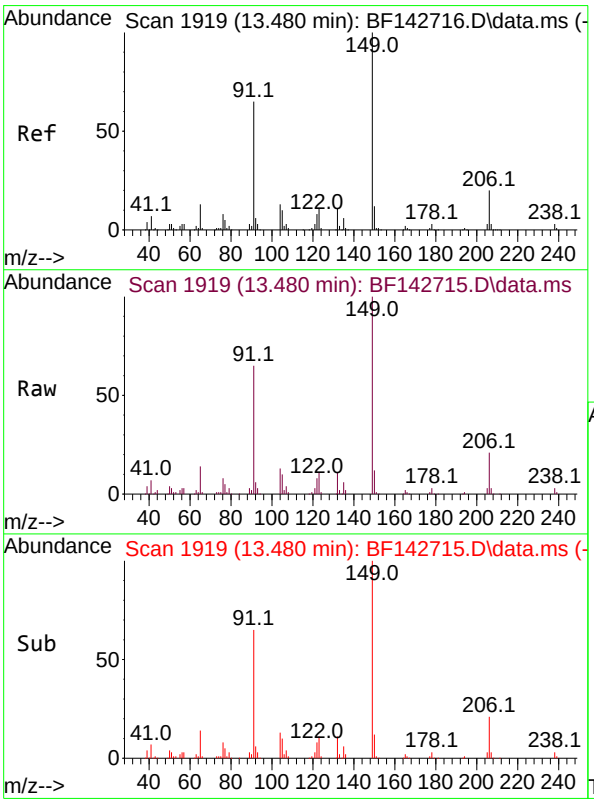
#79
Terphenyl-d14
Concen: 47.276 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

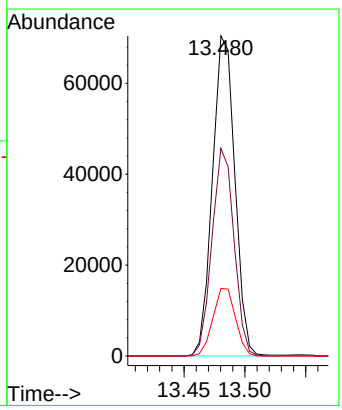


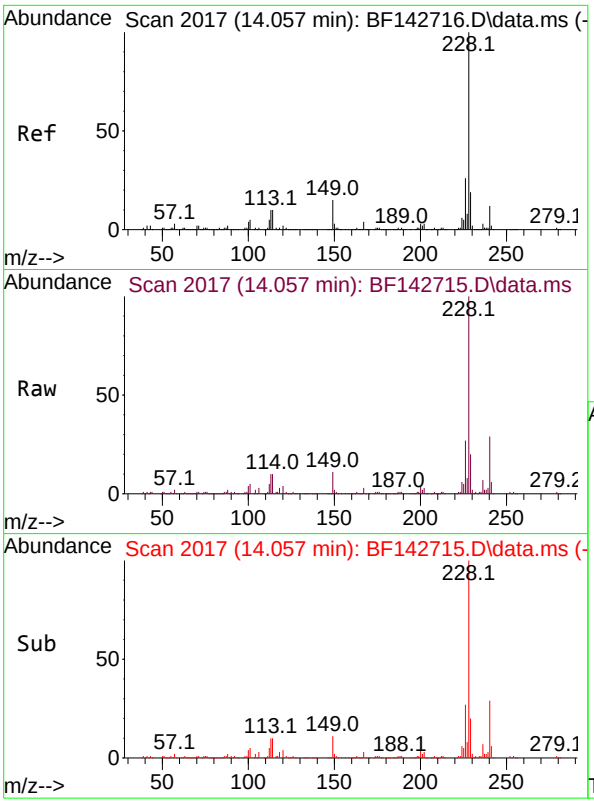


#80
Butylbenzylphthalate
Concen: 20.402 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



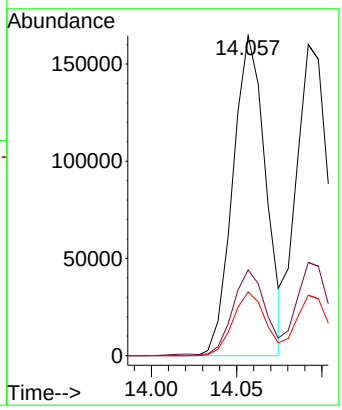


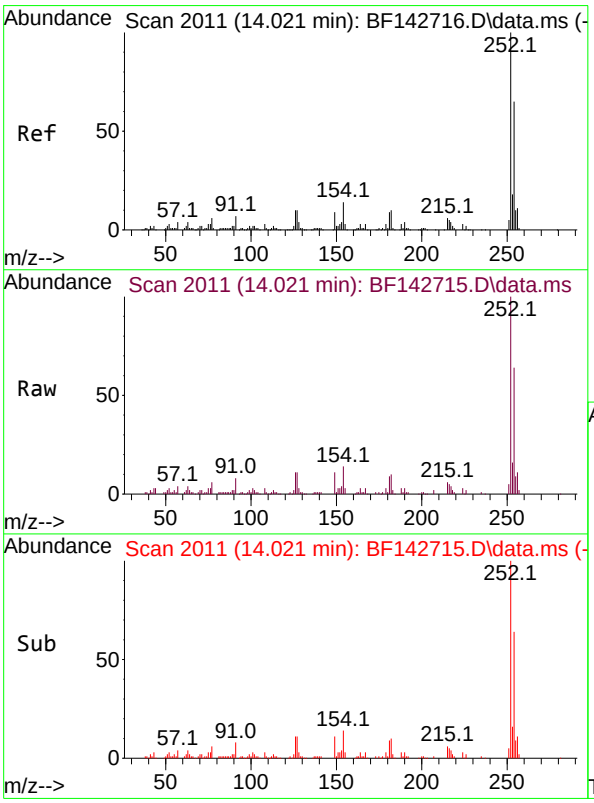
#81
Benzo(a)anthracene
Concen: 19.646 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

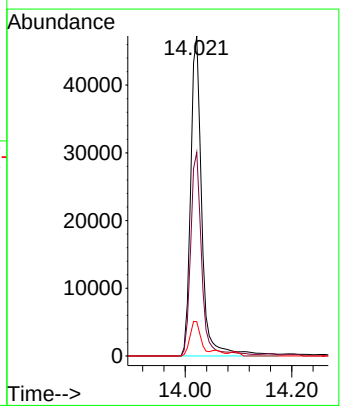


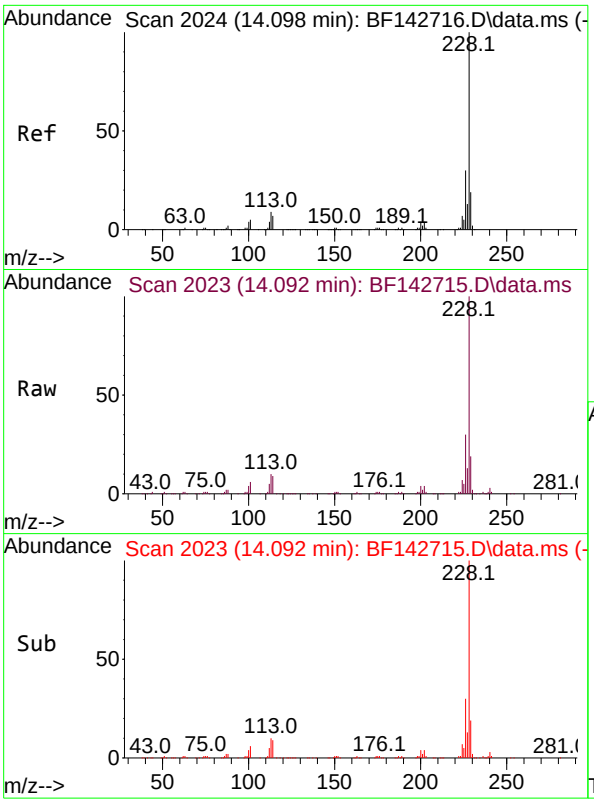


#82
3,3'-Dichlorobenzidine
Concen: 19.277 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



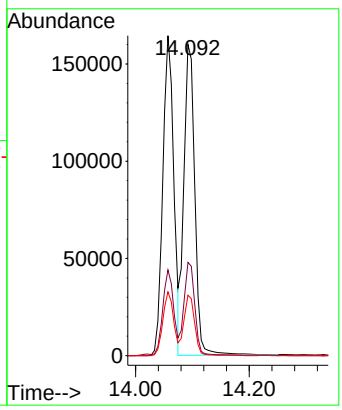


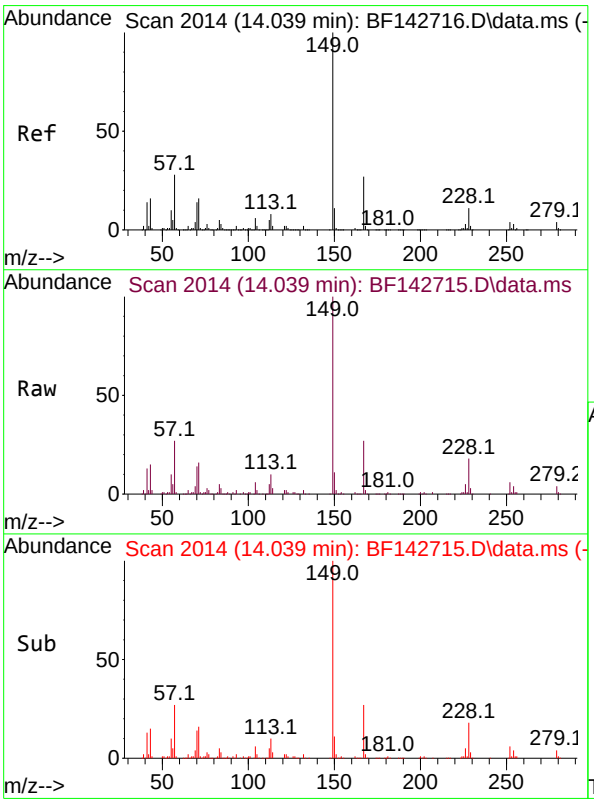
#83
Chrysene
Concen: 20.321 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

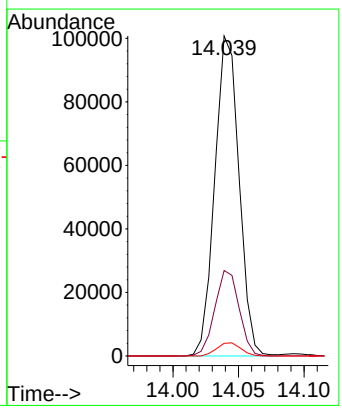


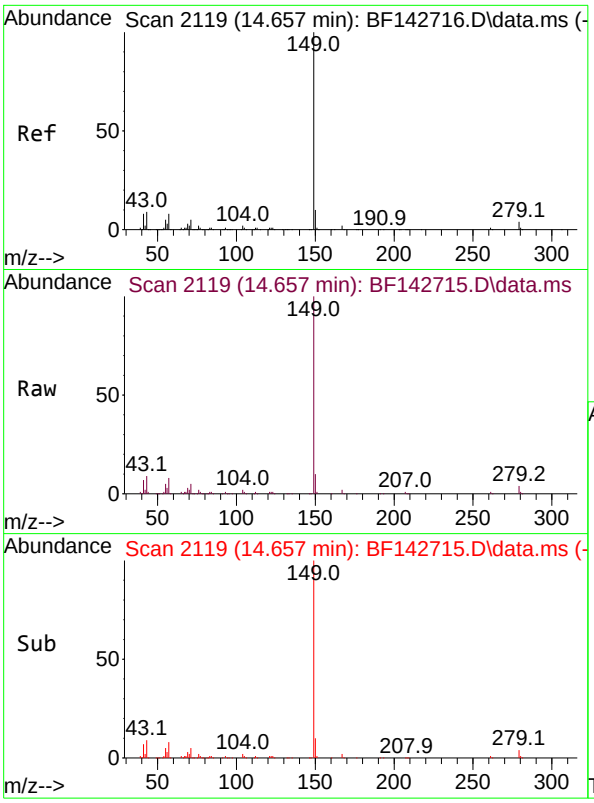


#84
Bis(2-ethylhexyl)phthalate
Concen: 24.572 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



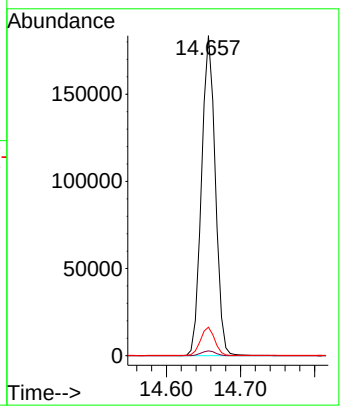


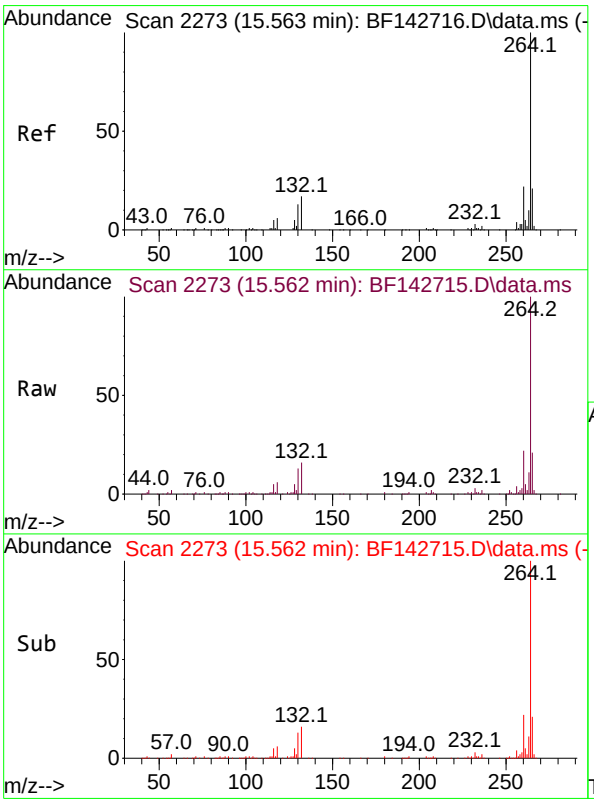
#85
Di-n-octyl phthalate
Concen: 22.858 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

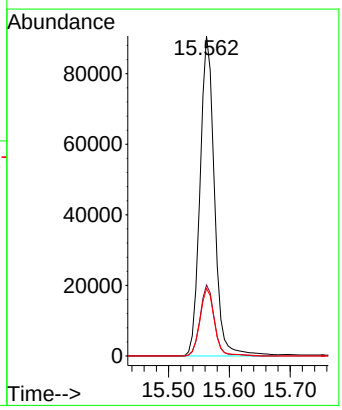


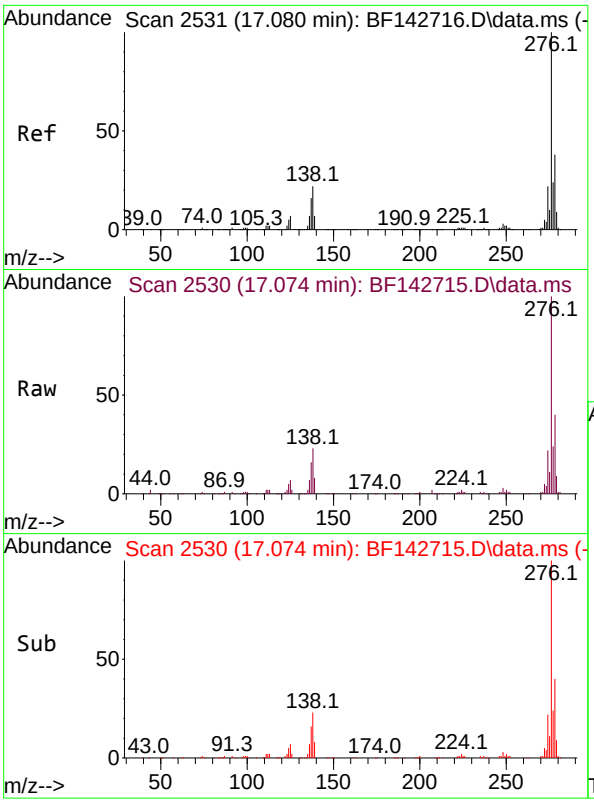


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



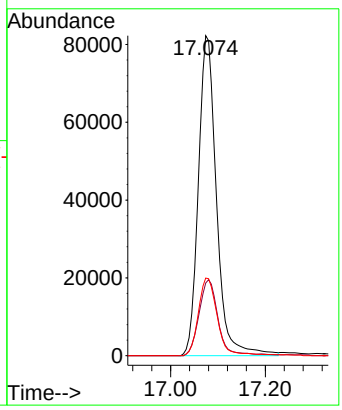


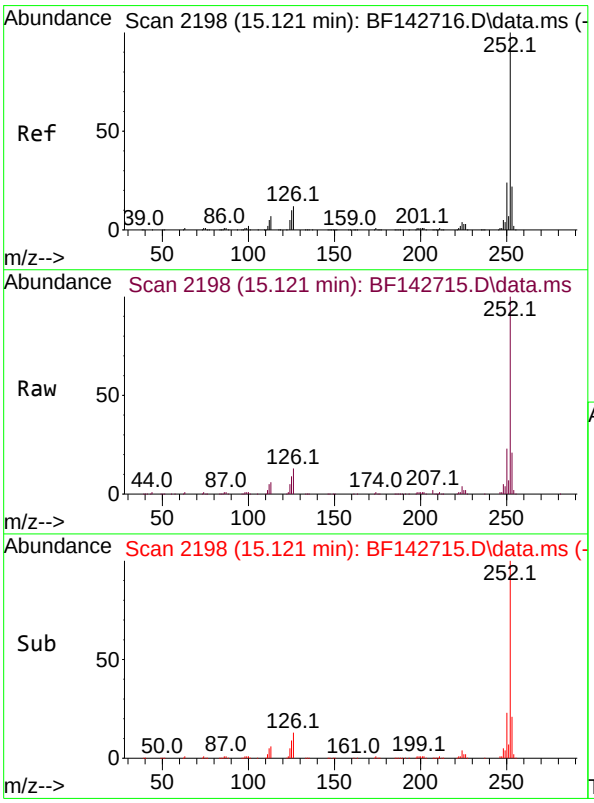
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.449 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

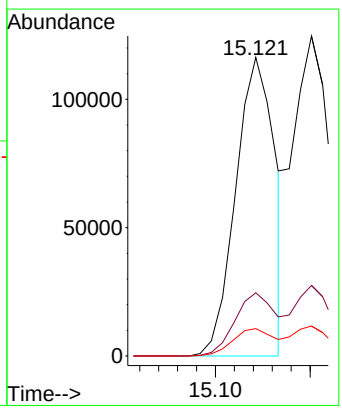


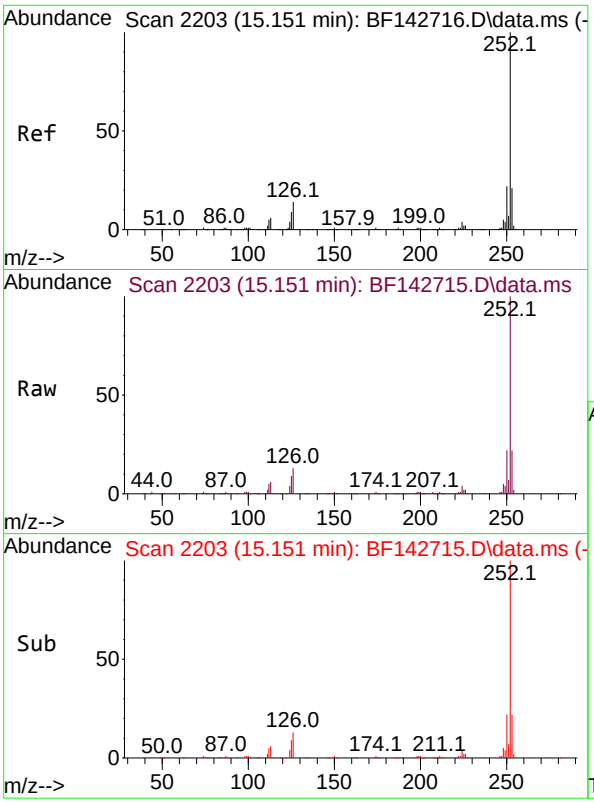


#88
Benzo(b)fluoranthene
Concen: 18.561 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



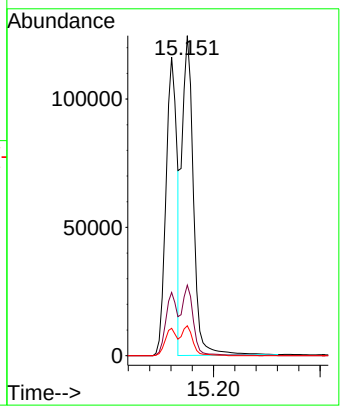


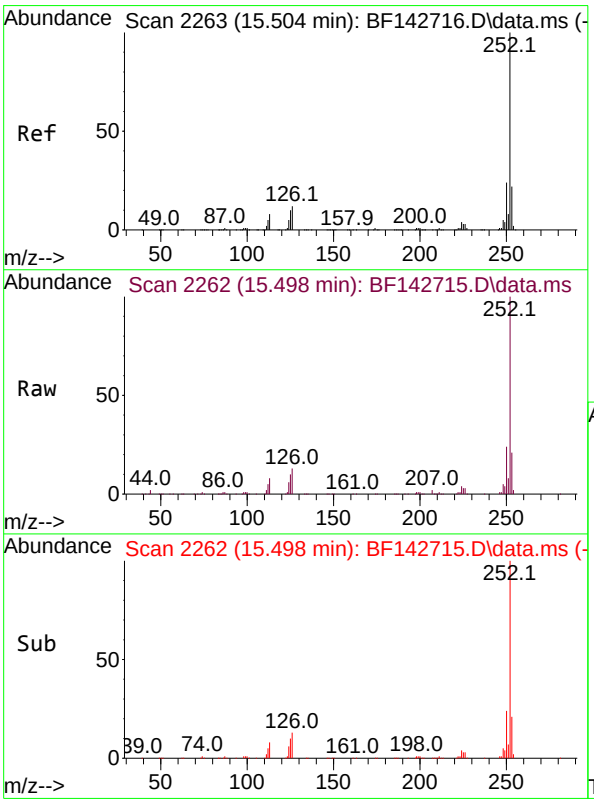
#89
Benzo(k)fluoranthene
Concen: 22.459 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

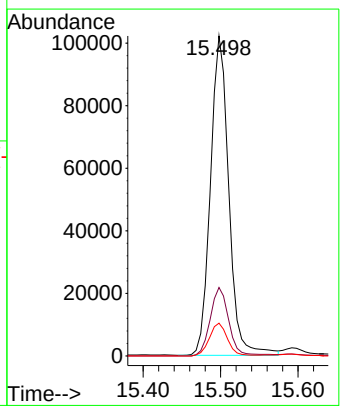


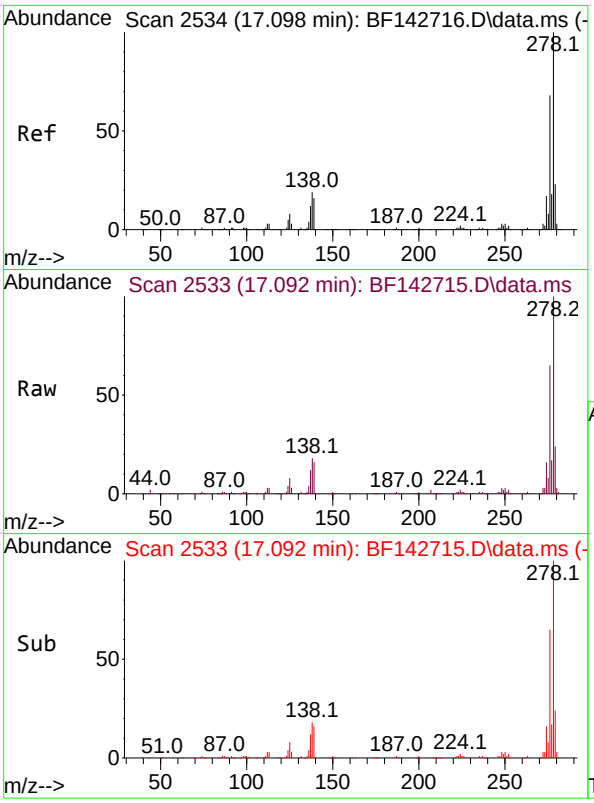


#90
Benzo(a)pyrene
Concen: 20.044 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



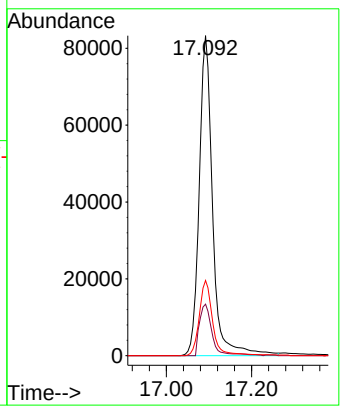


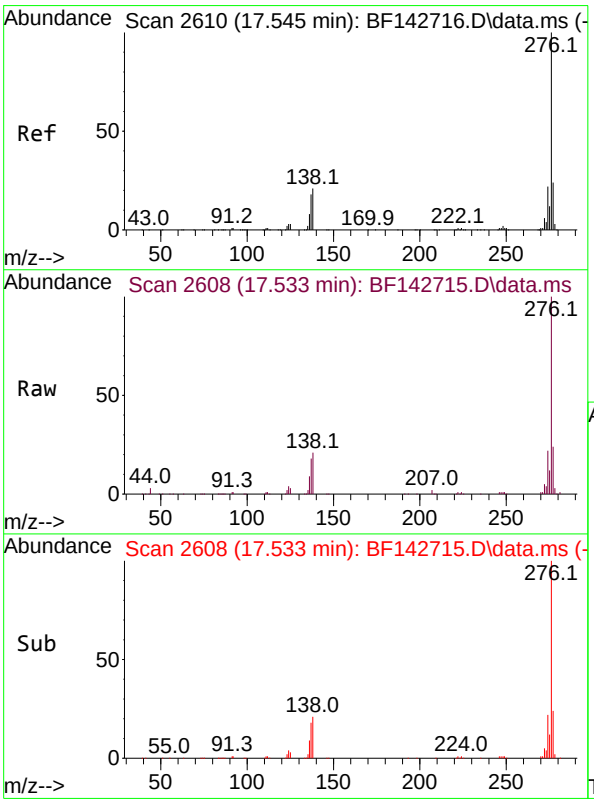
#91
Dibenzo(a,h)anthracene
Concen: 21.041 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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

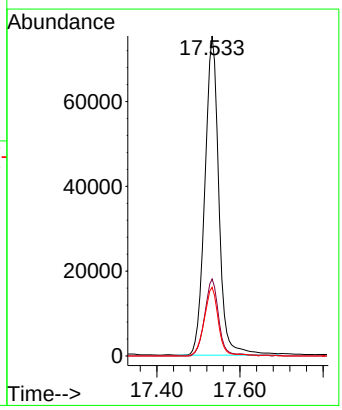




#92
Benzo(g,h,i)perylene
Concen: 19.815 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF142715.D
Acq: 10 Jun 2025 18:22

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

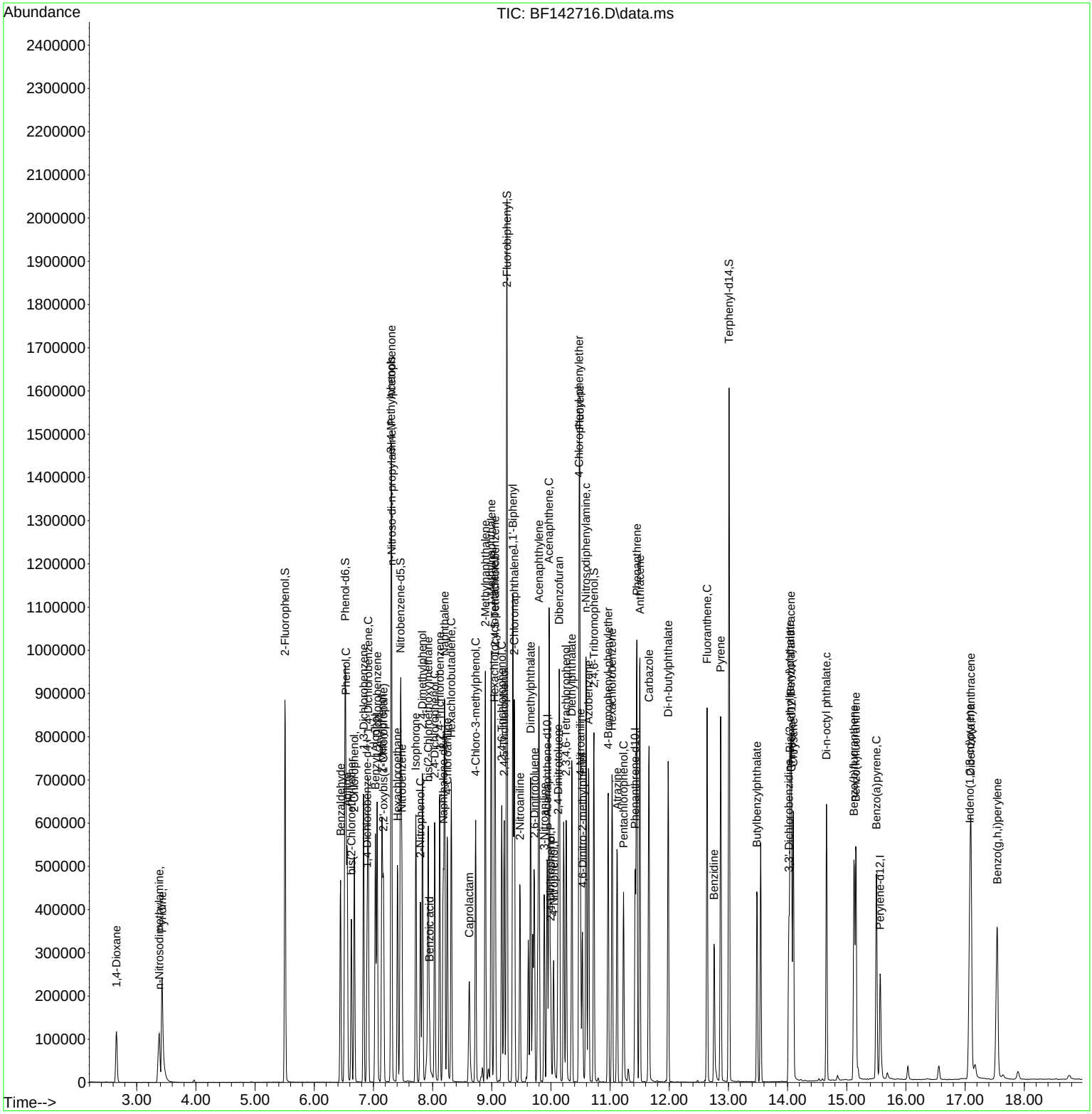
(#) = qualifier out of range (m) = manual integration (+) = signals summed

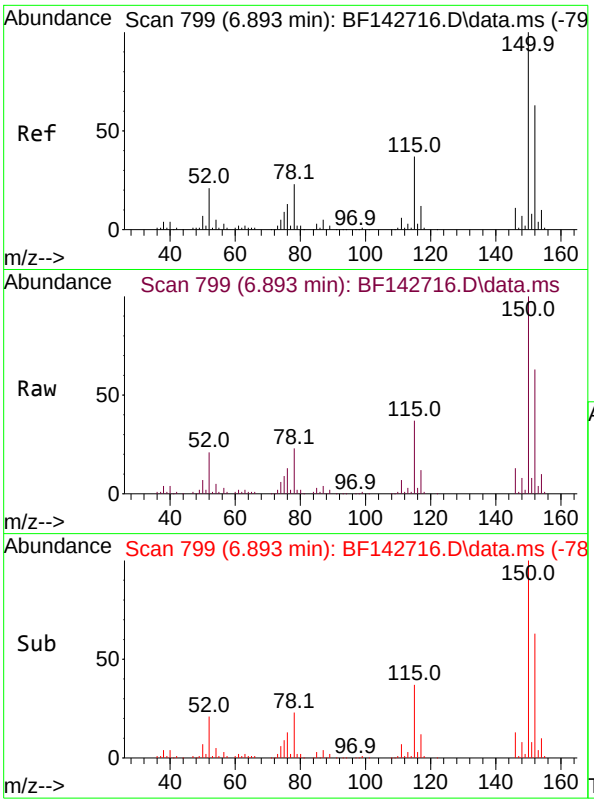
ICAL Form

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



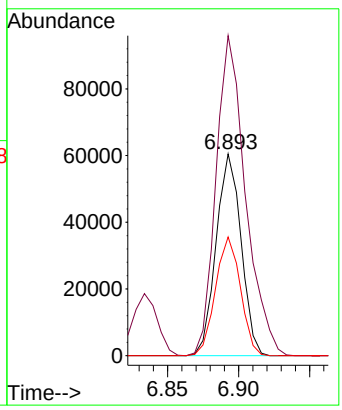


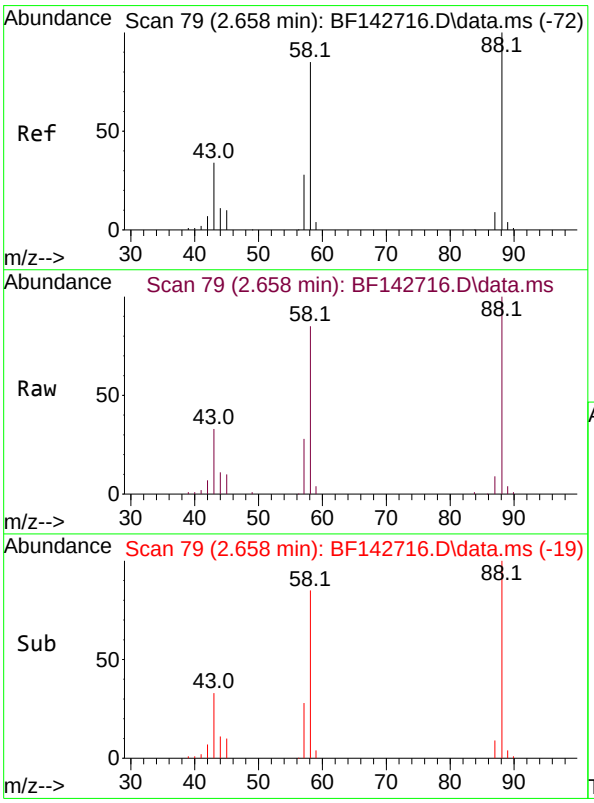
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

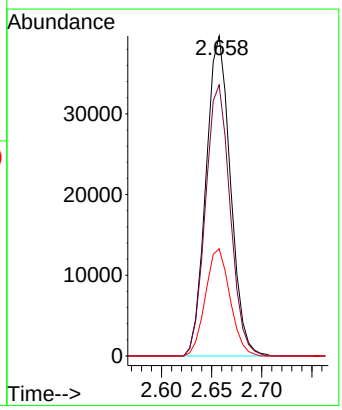


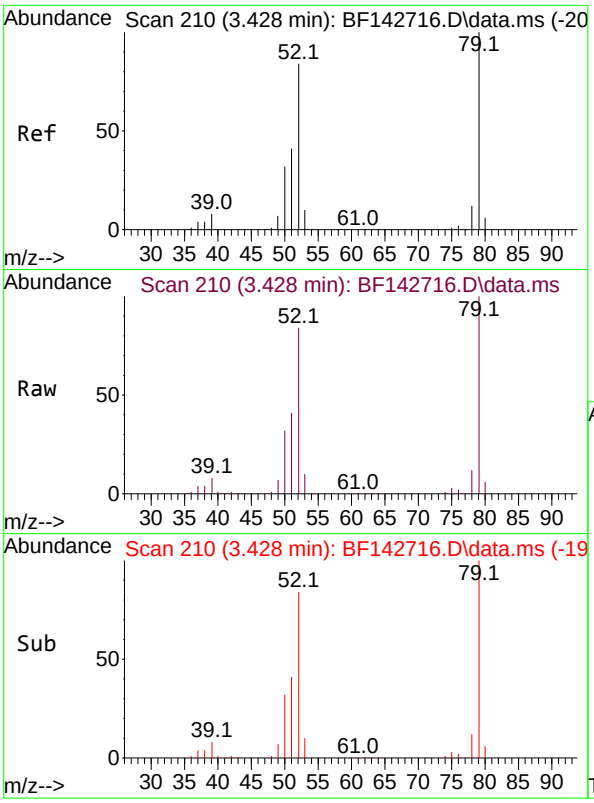


#2
1,4-Dioxane
Concen: 40.220 ng
RT: 2.658 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



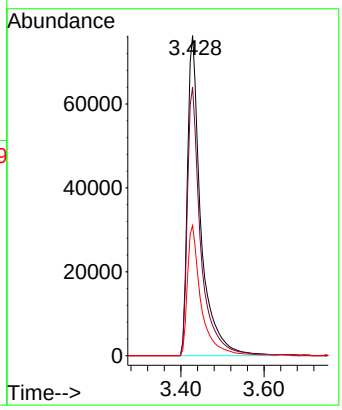


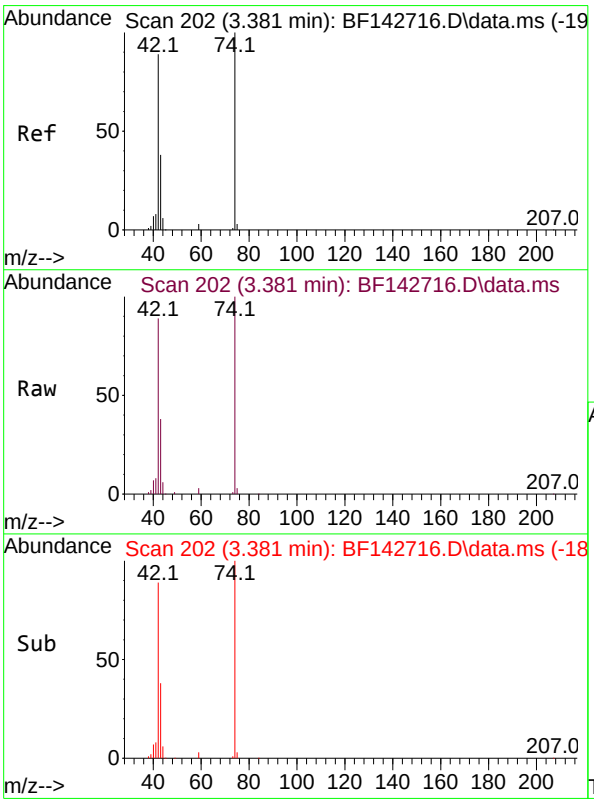
#3
Pyridine
Concen: 39.847 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

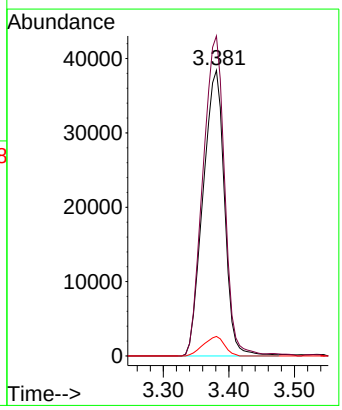


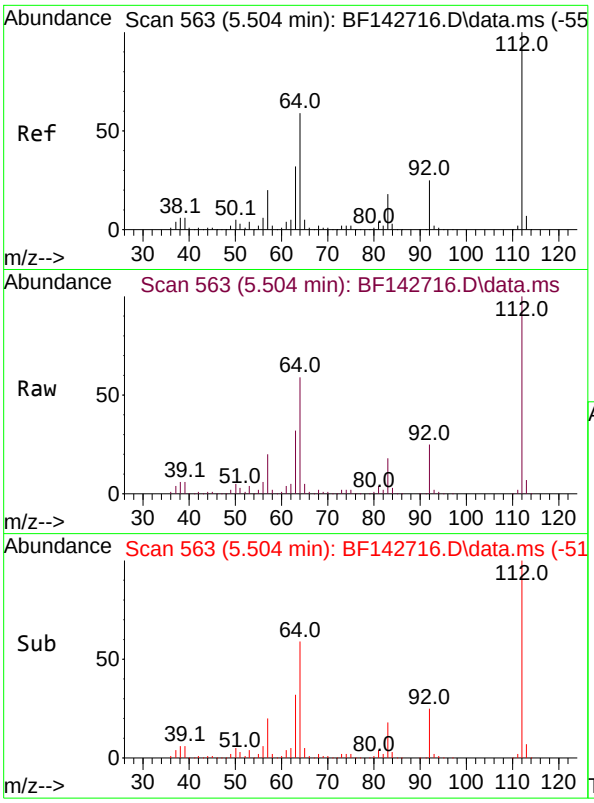


#4
n-Nitrosodimethylamine
Concen: 41.322 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



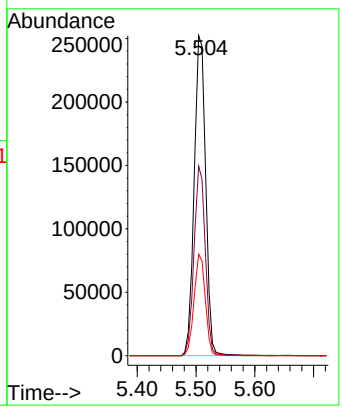


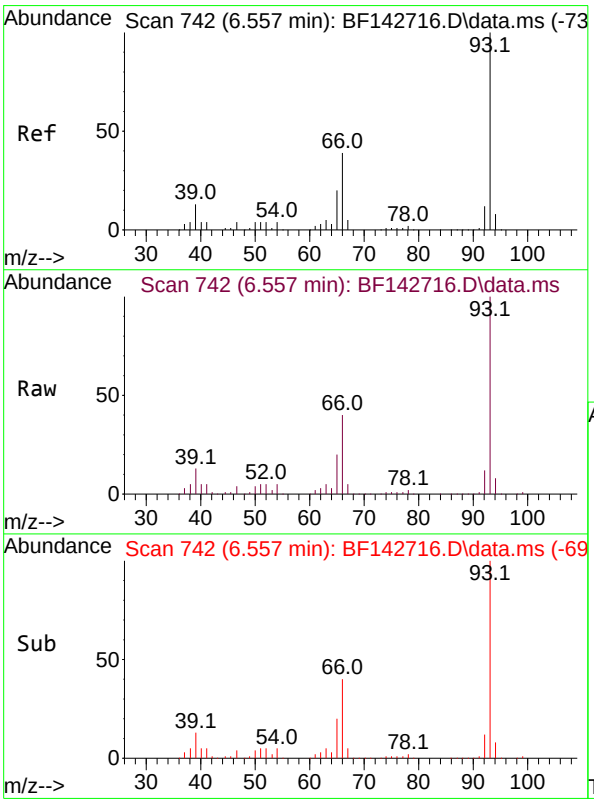
#5
2-Fluorophenol
Concen: 78.709 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

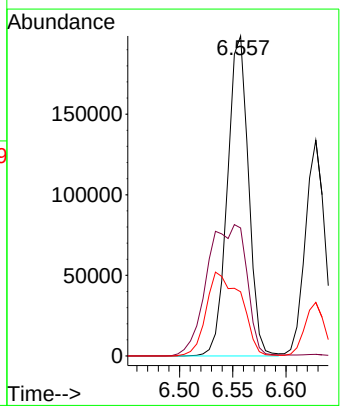


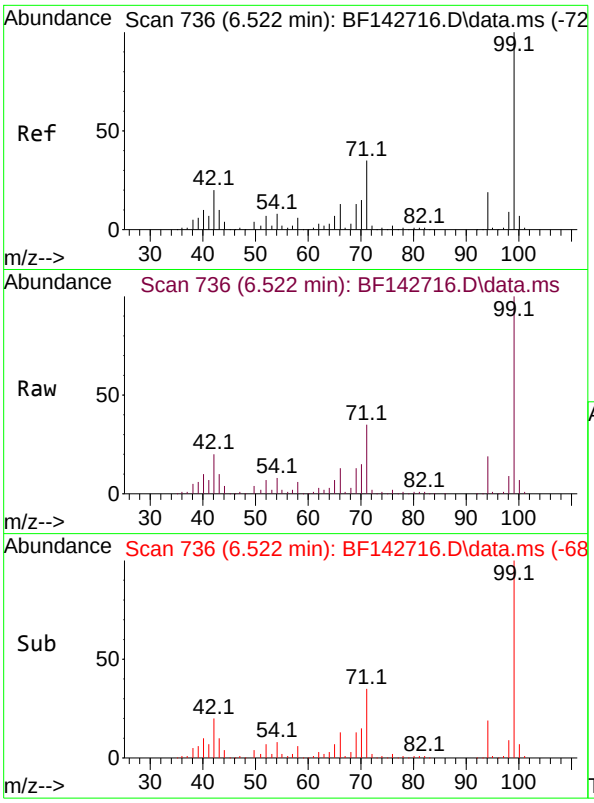


#6
Aniline
Concen: 39.869 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



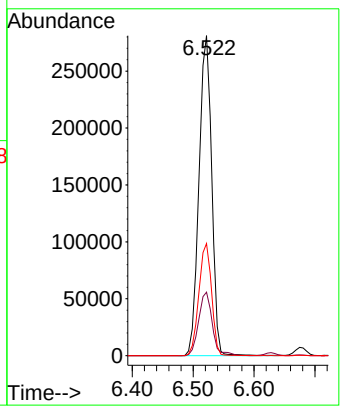


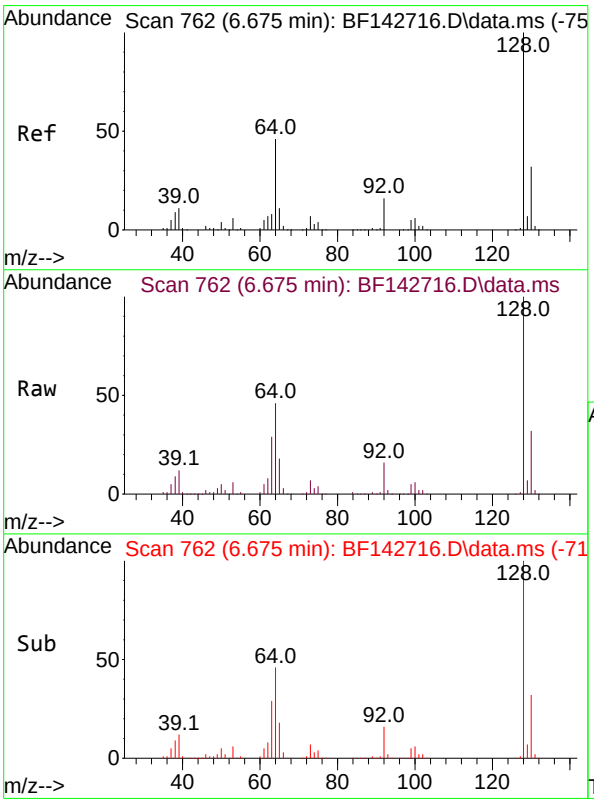
#7
Phenol-d6
Concen: 79.729 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

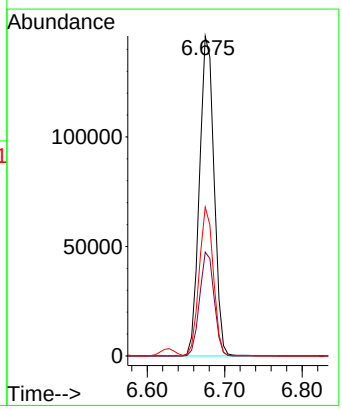


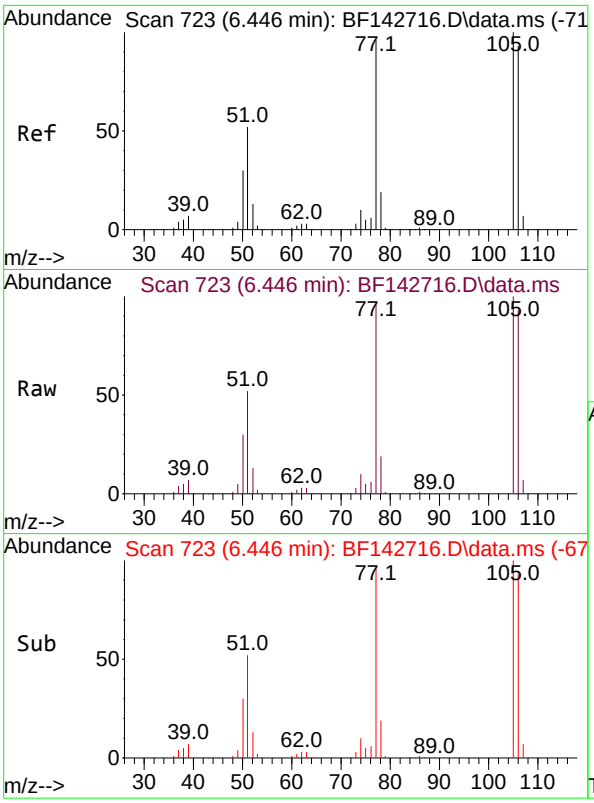


#8
2-Chlorophenol
Concen: 39.974 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



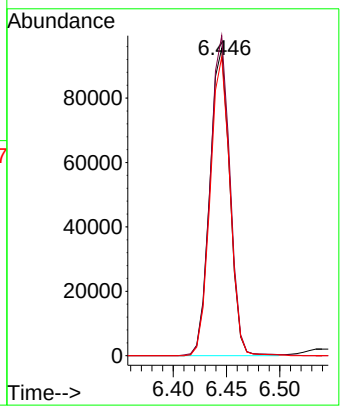


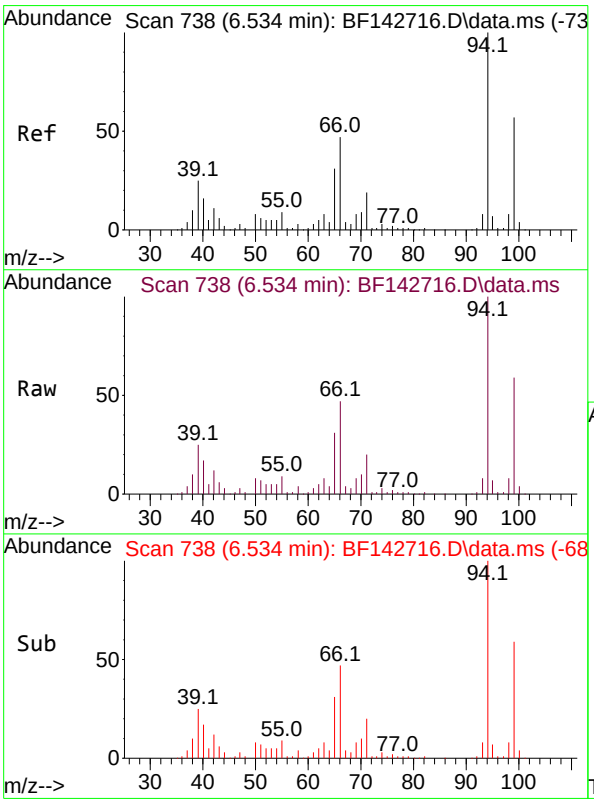
#9
Benzaldehyde
Concen: 42.903 ng
RT: 6.446 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

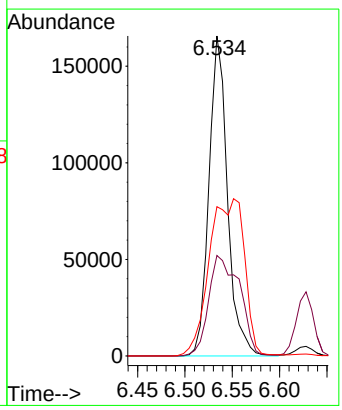


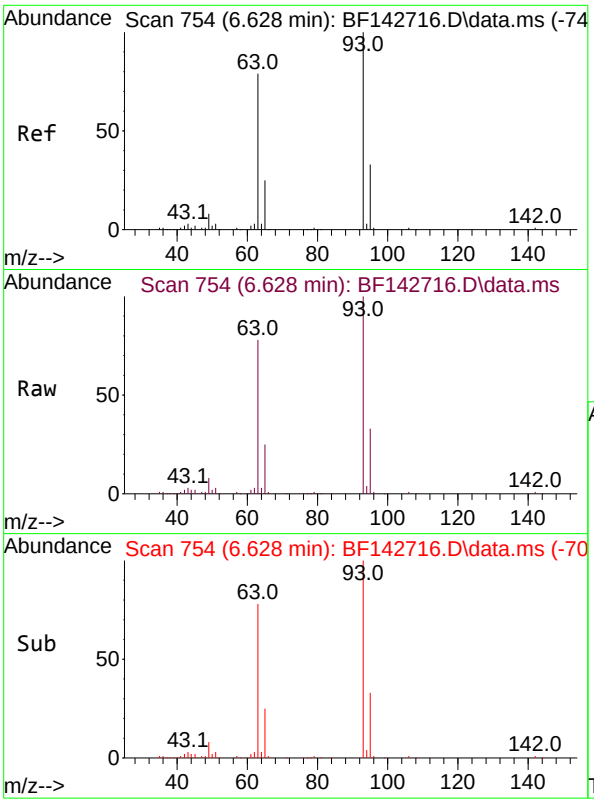


#10
Phenol
Concen: 39.506 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



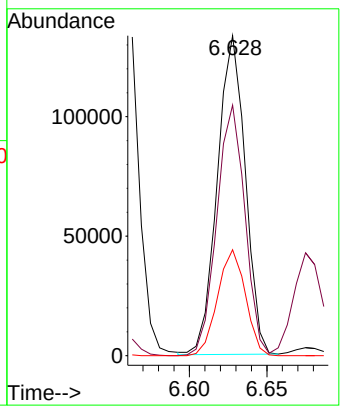


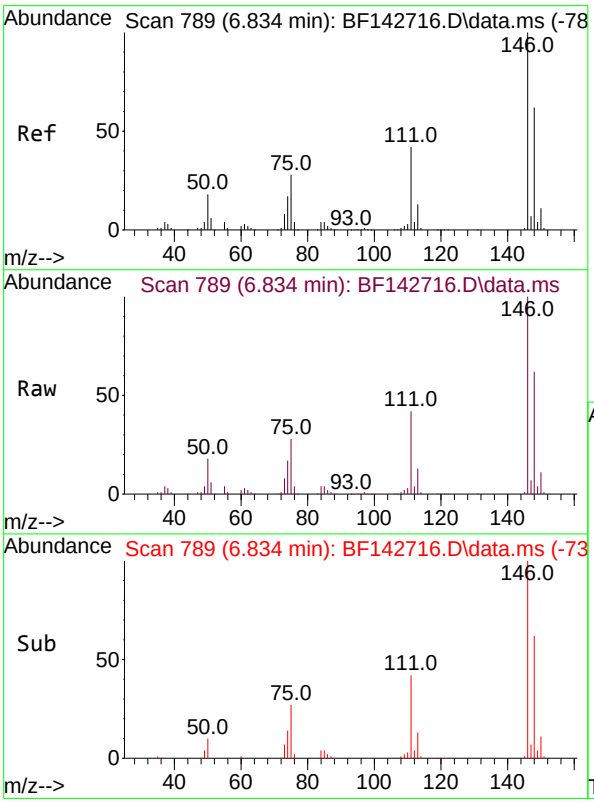
#11
bis(2-Chloroethyl)ether
Concen: 40.033 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

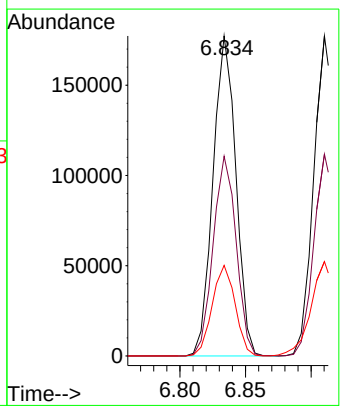


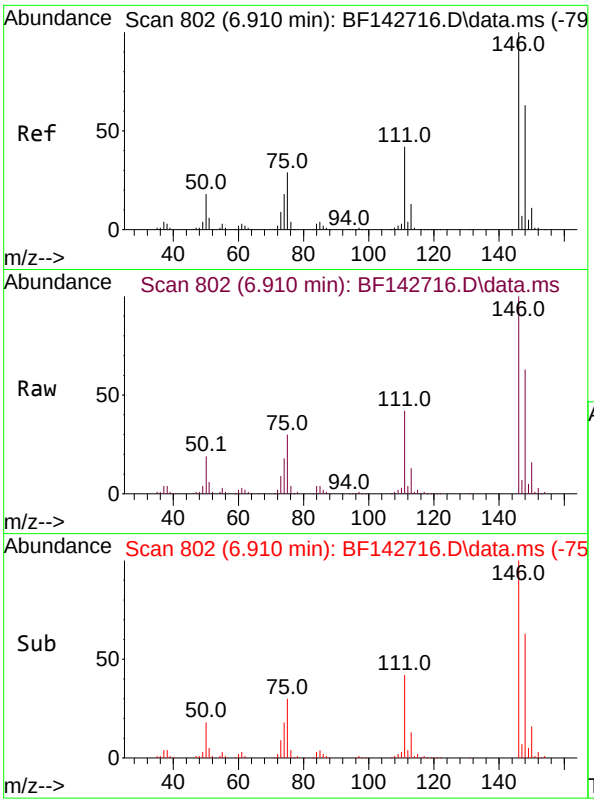


#12
1,3-Dichlorobenzene
Concen: 40.184 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



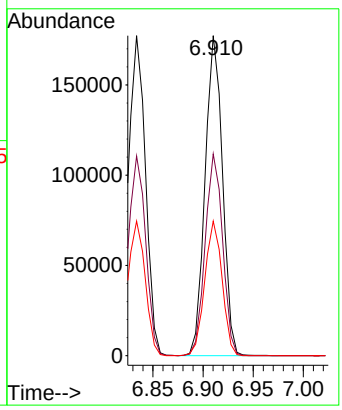


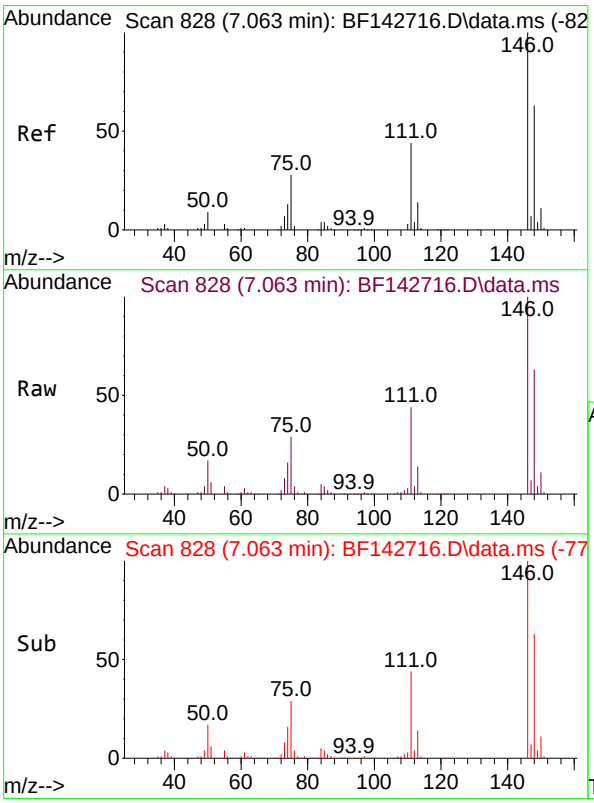
#13
1,4-Dichlorobenzene
Concen: 39.511 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

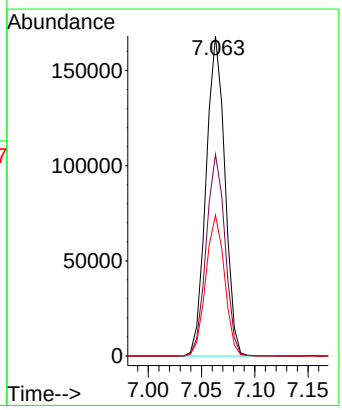


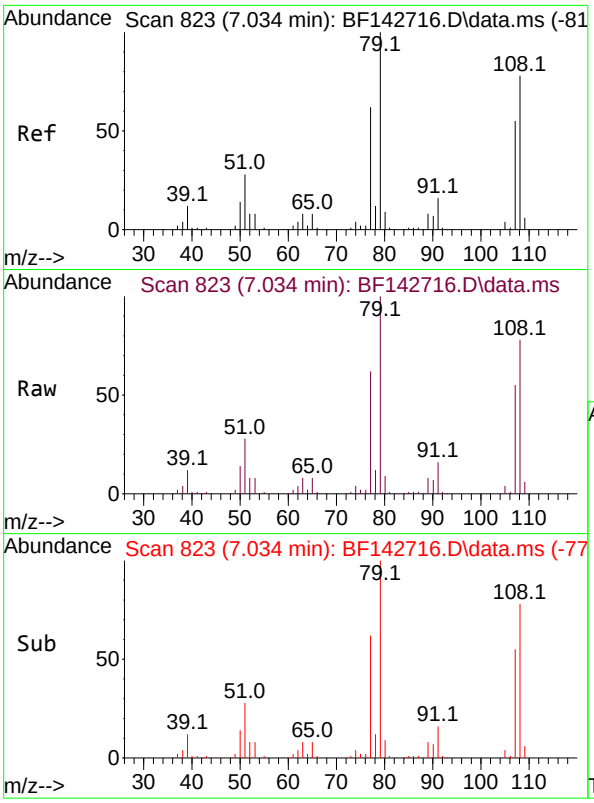


#14
1,2-Dichlorobenzene
Concen: 39.941 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



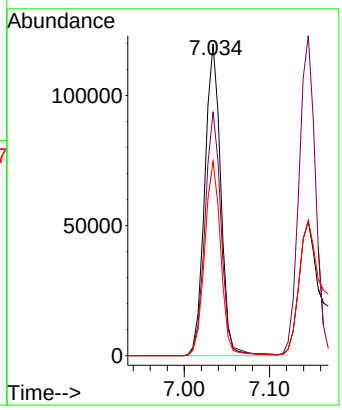


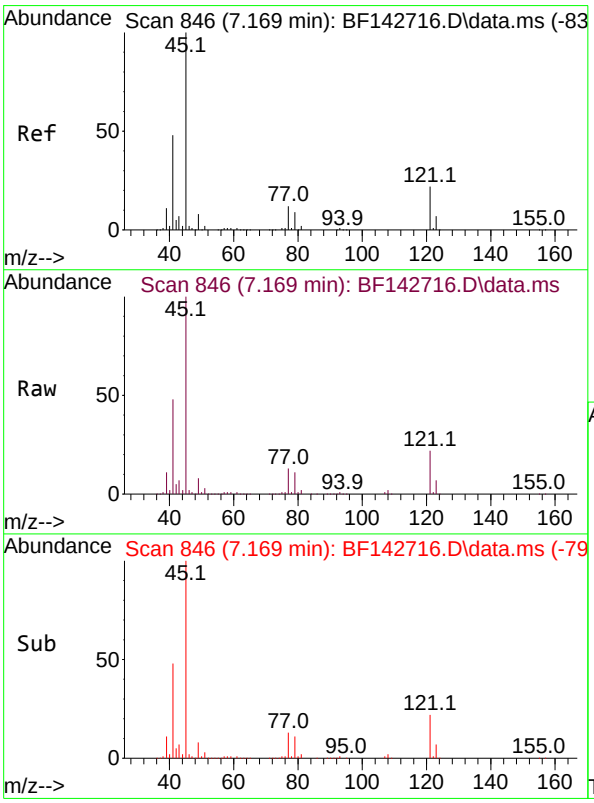
#15
Benzyl Alcohol
Concen: 41.604 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

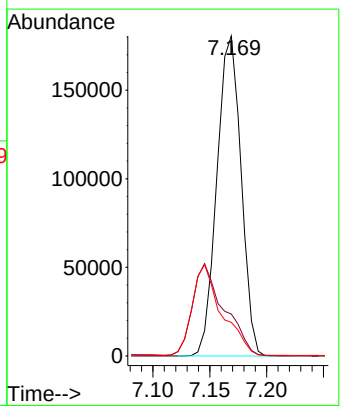


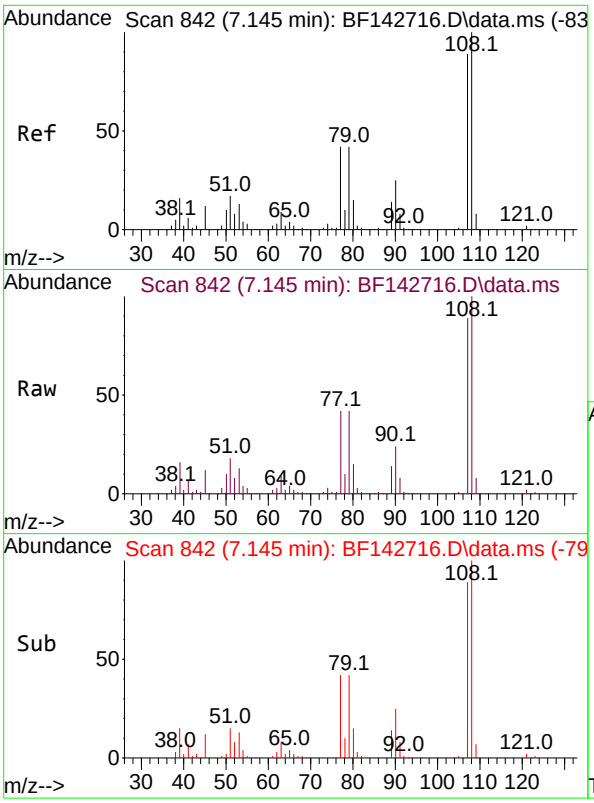


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.528 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



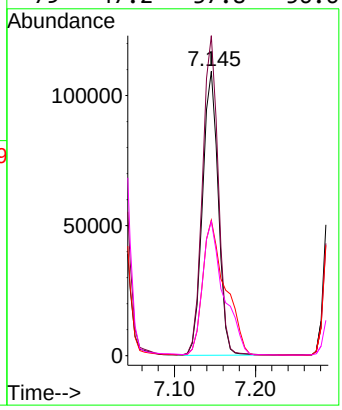


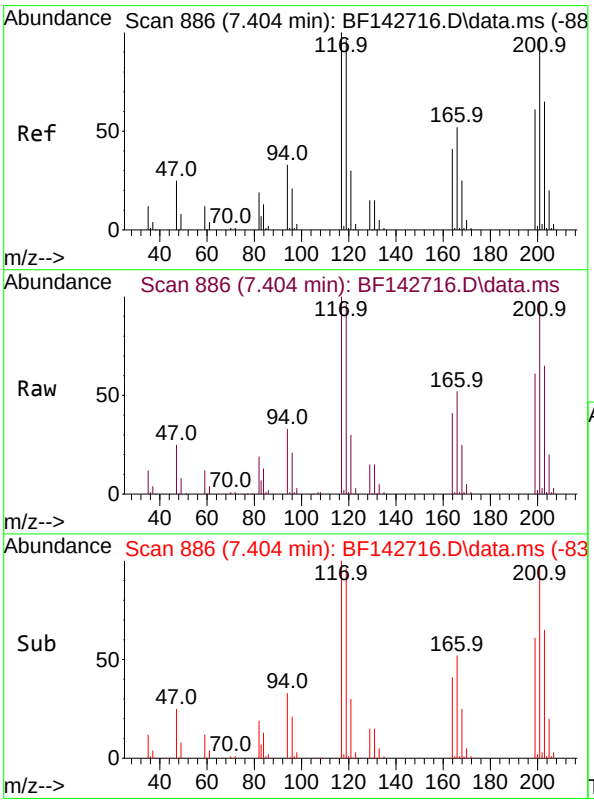
#17
2-Methylphenol
Concen: 40.285 ng
RT: 7.145 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

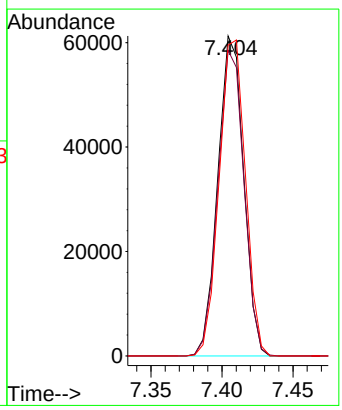


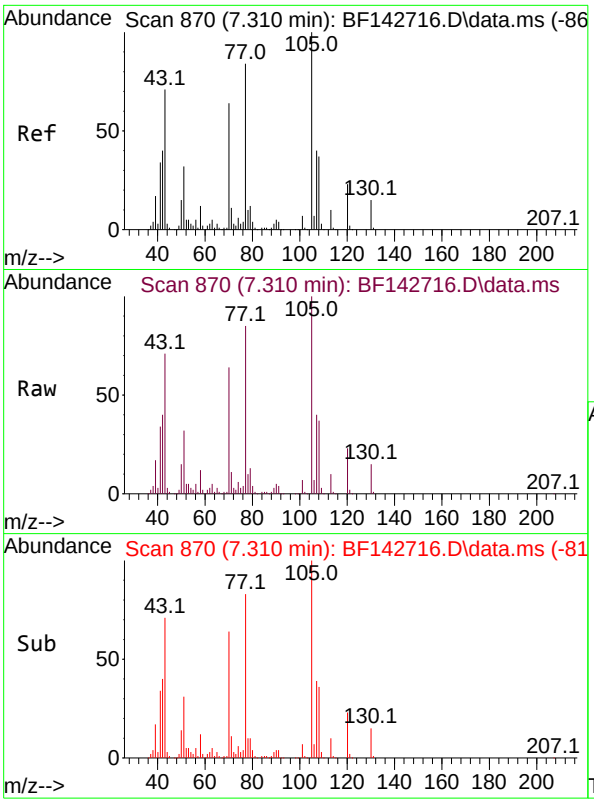


#18
Hexachloroethane
Concen: 41.065 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



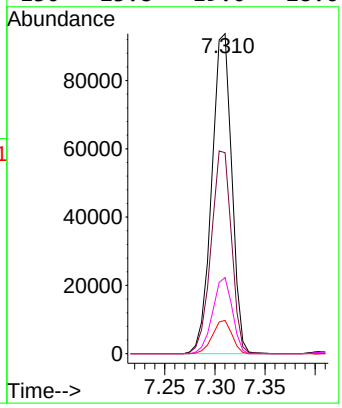


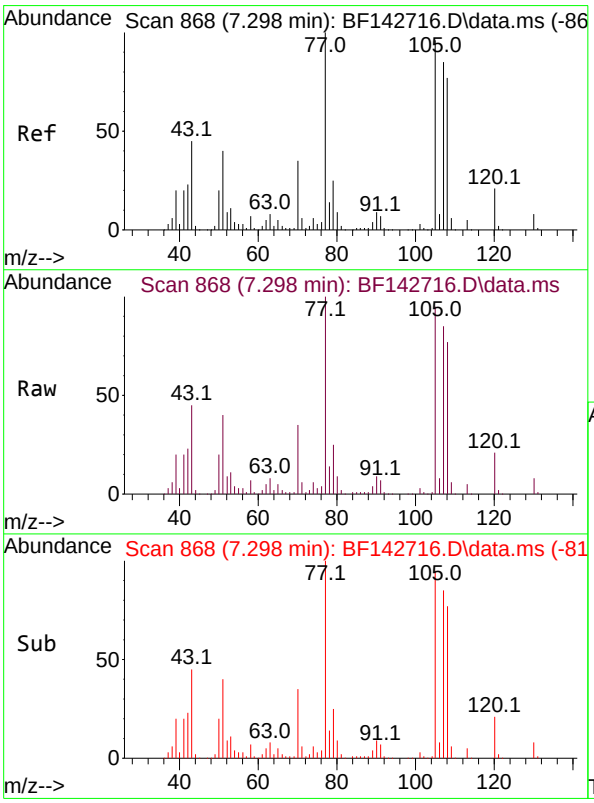
#19
n-Nitroso-di-n-propylamine
Concen: 43.041 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

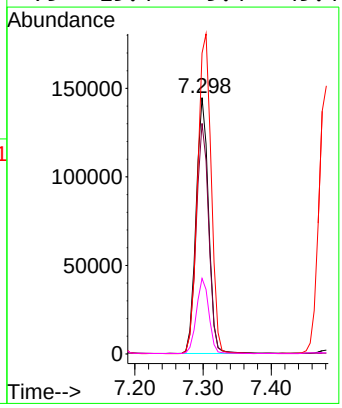


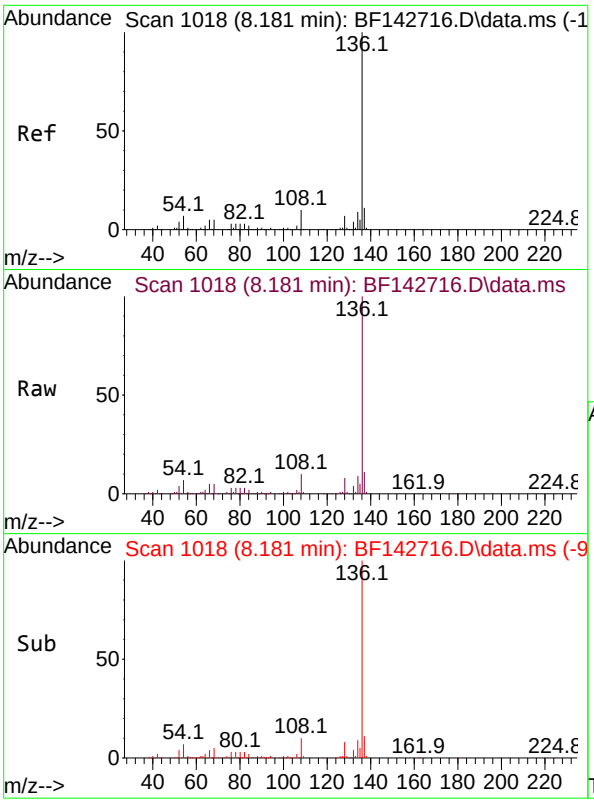


#20
3+4-Methylphenols
Concen: 40.940 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



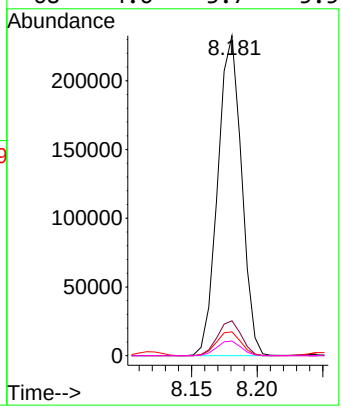


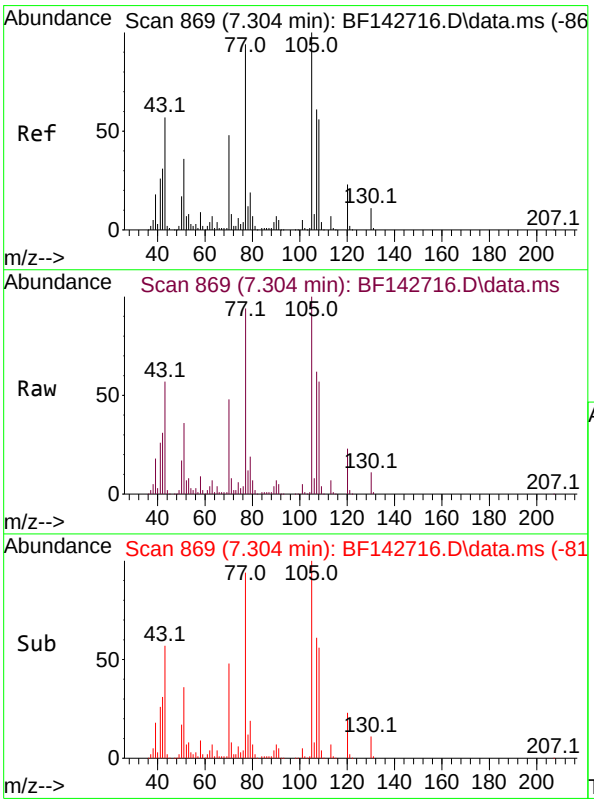
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

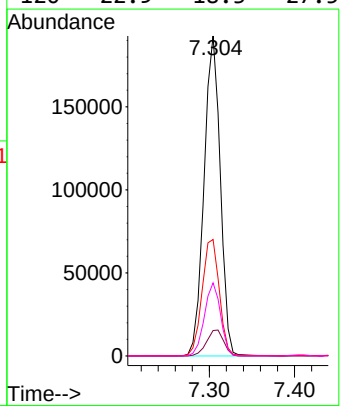


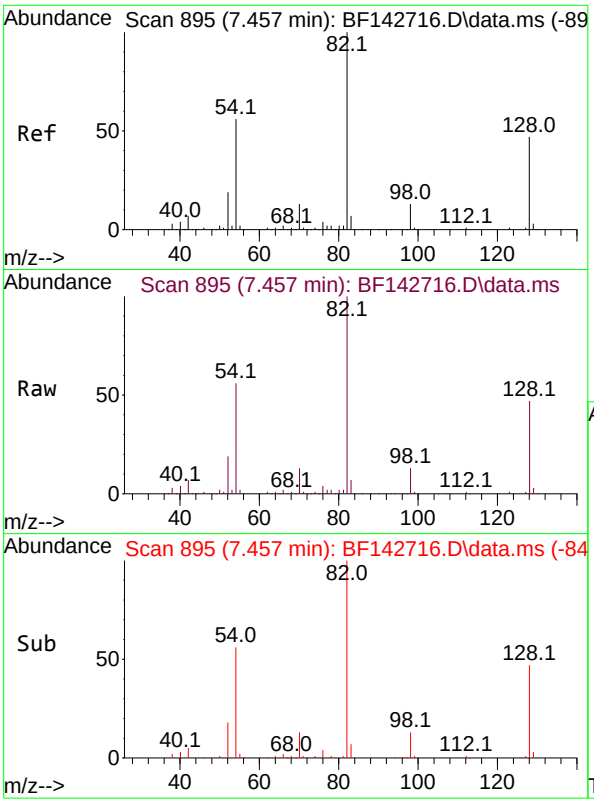


#22
Acetophenone
Concen: 39.781 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



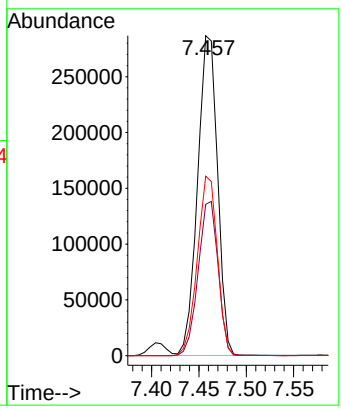


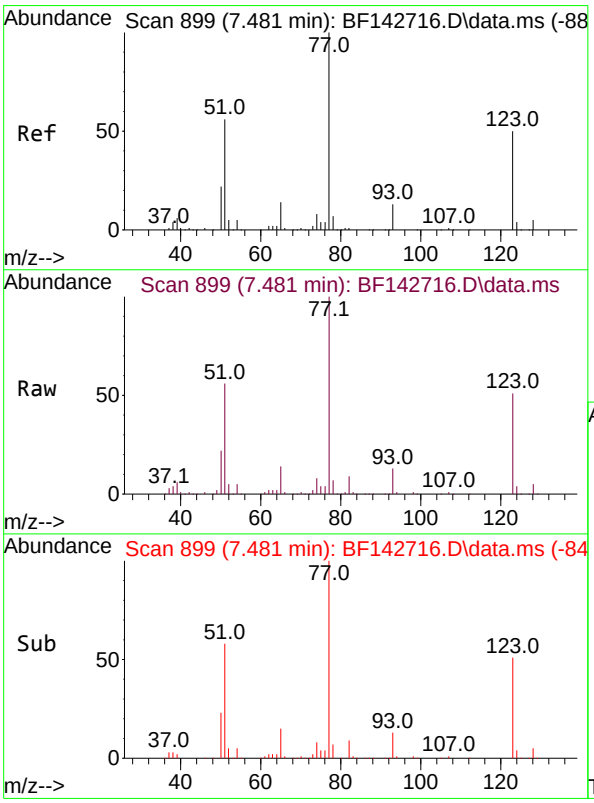
#23
Nitrobenzene-d5
Concen: 78.505 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

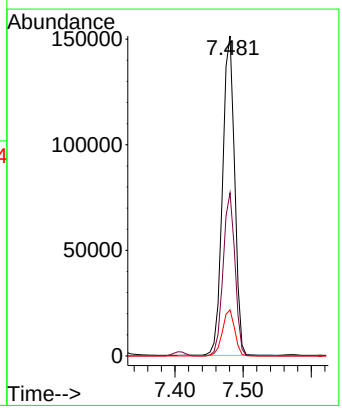


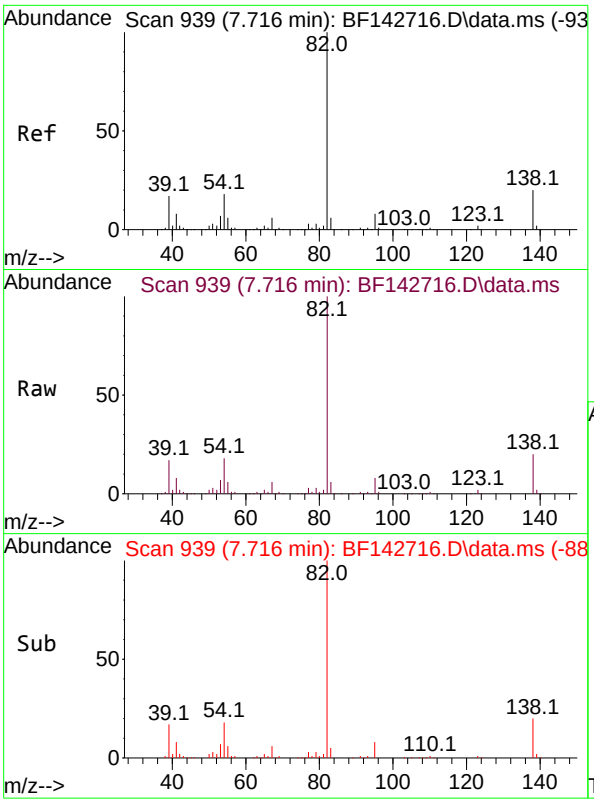


#24
Nitrobenzene
Concen: 38.993 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



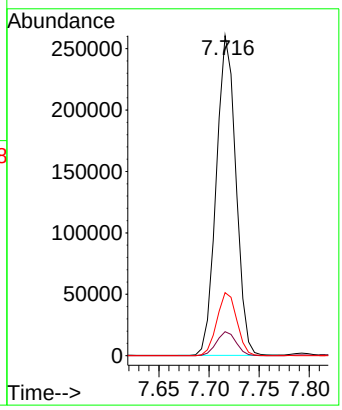


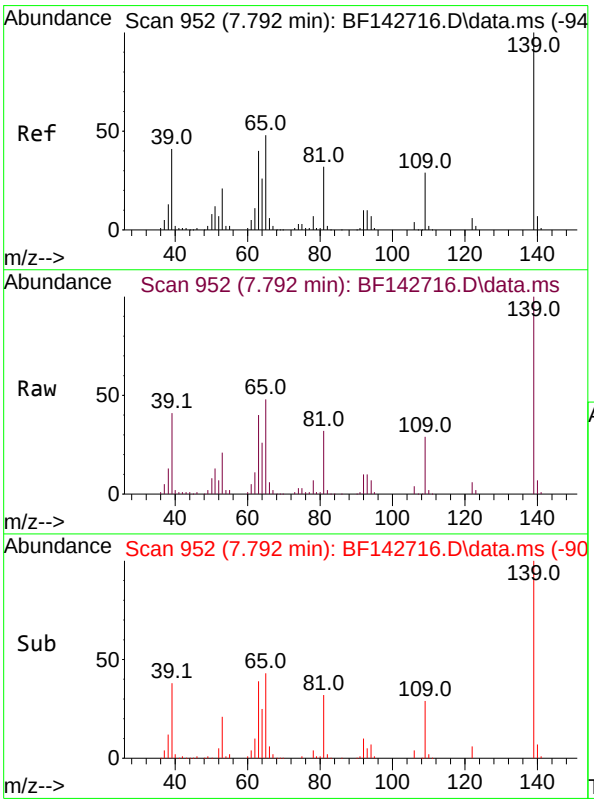
#25
Isophorone
Concen: 40.429 ng
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

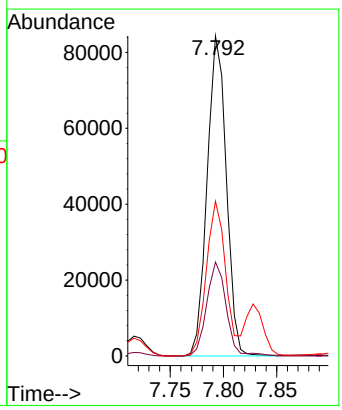


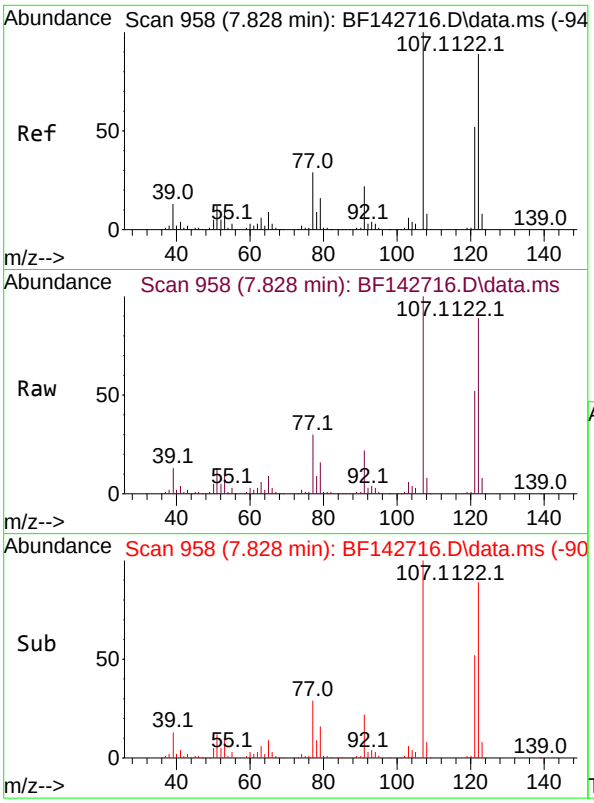


#26
2-Nitrophenol
Concen: 39.983 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



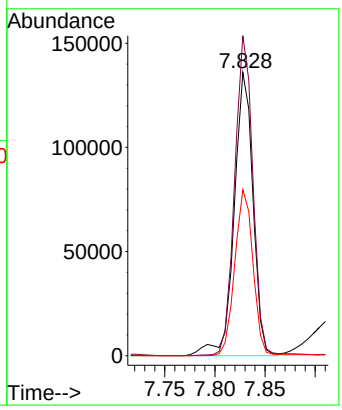


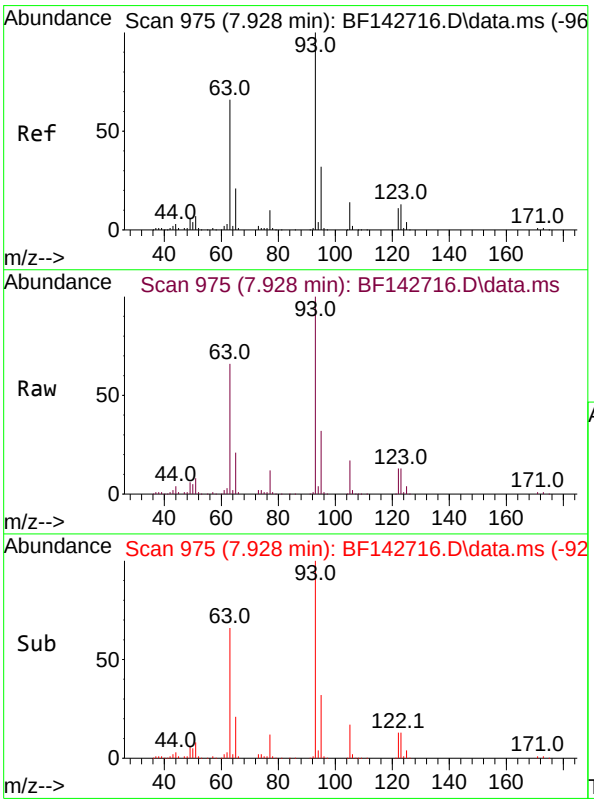
#27
2,4-Dimethylphenol
Concen: 39.403 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

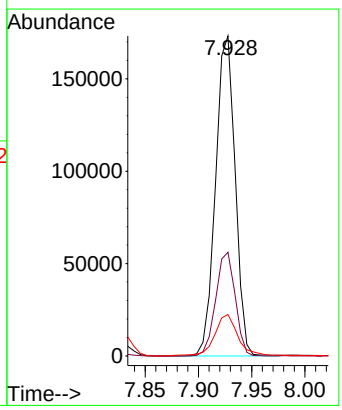


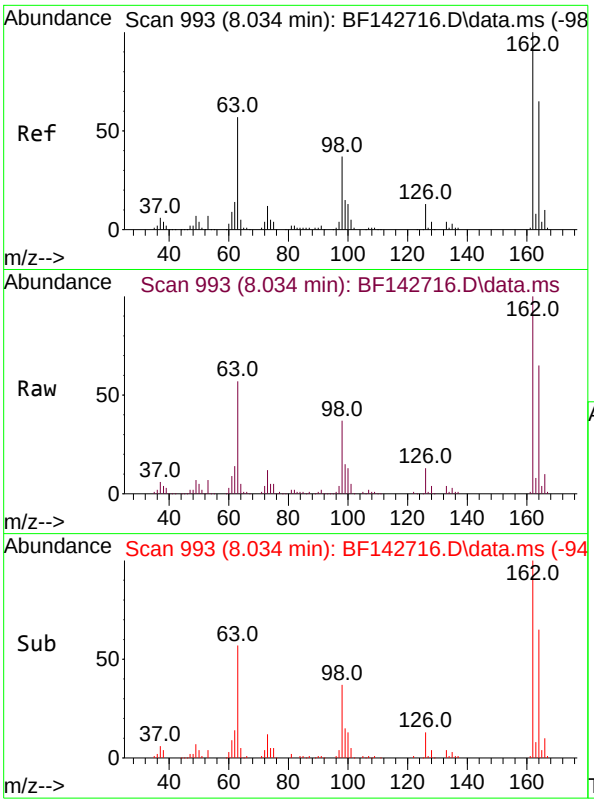


#28
bis(2-Chloroethoxy)methane
Concen: 40.712 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



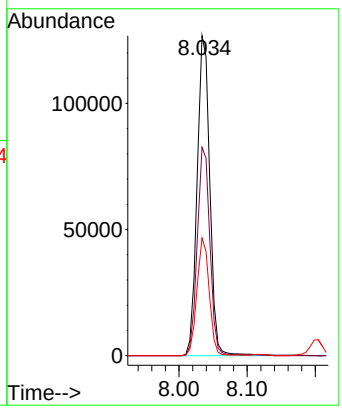


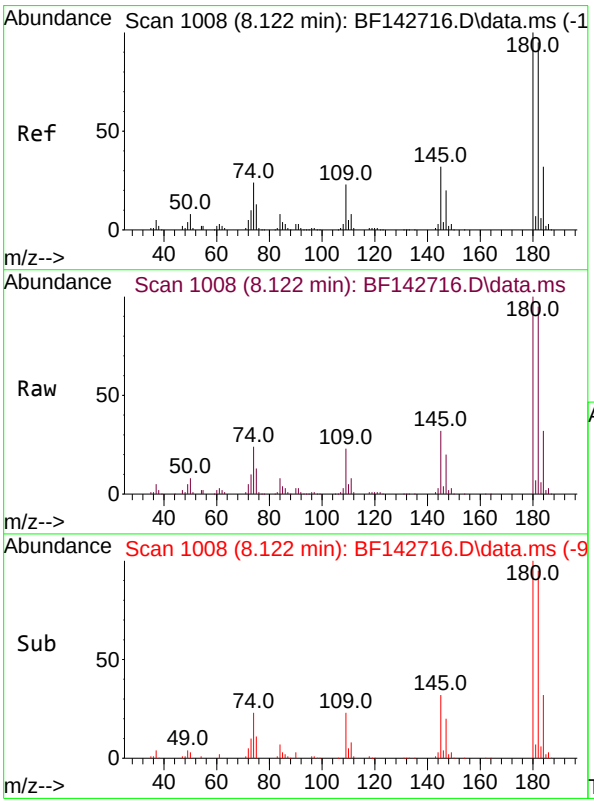
#29
2,4-Dichlorophenol
Concen: 39.919 ng
RT: 8.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

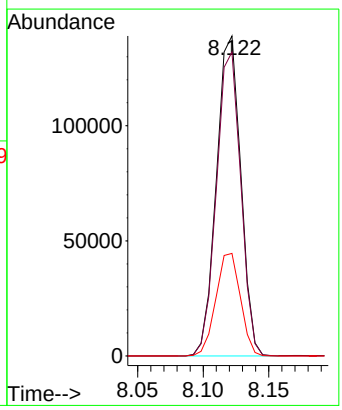


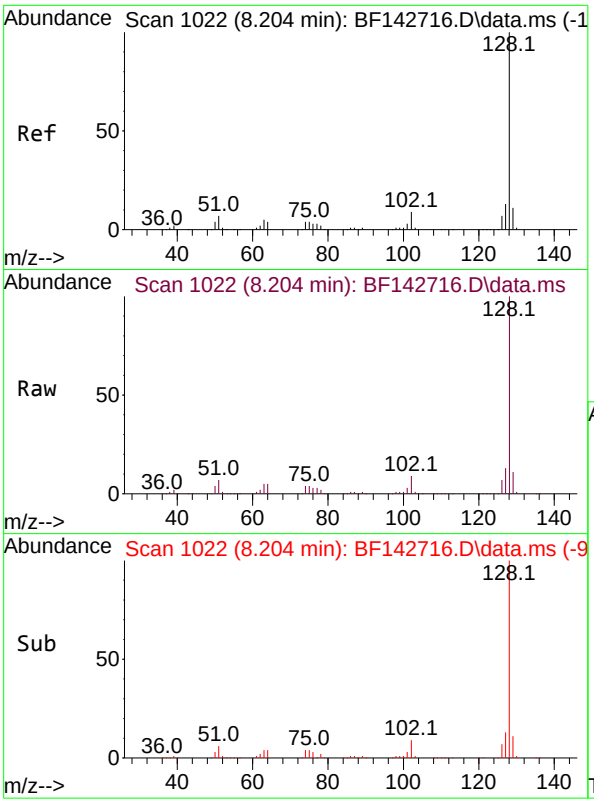


#30
1,2,4-Trichlorobenzene
Concen: 39.655 ng
RT: 8.122 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



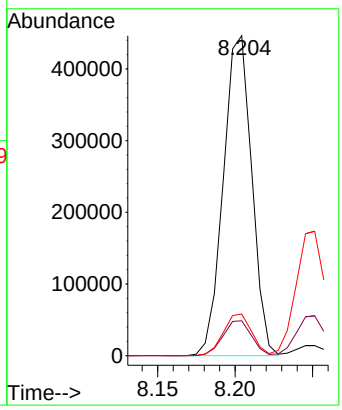


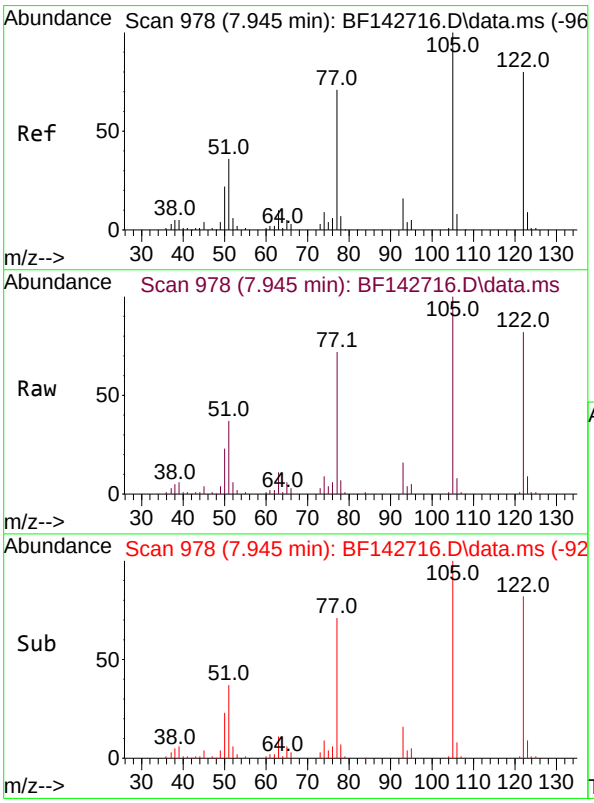
#31
Naphthalene
Concen: 39.451 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

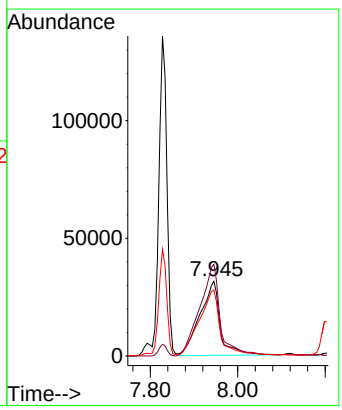


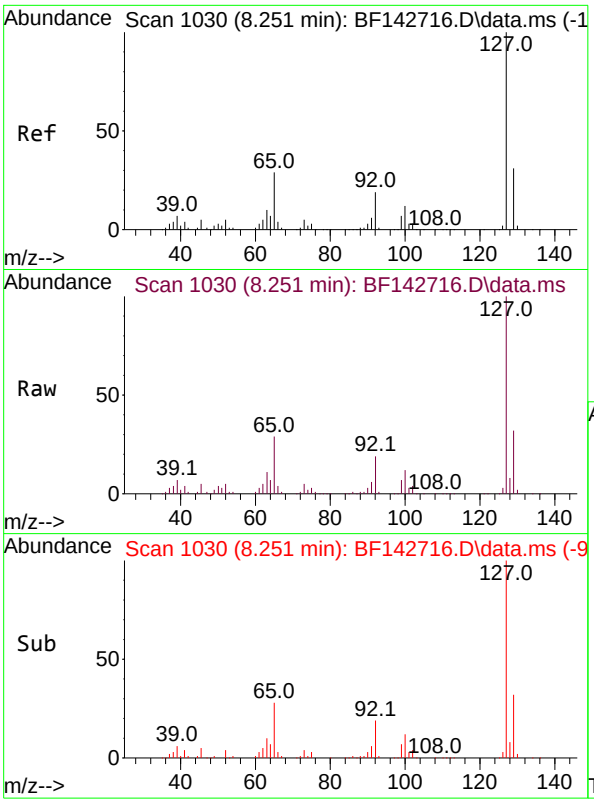


#32
Benzoic acid
Concen: 37.731 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



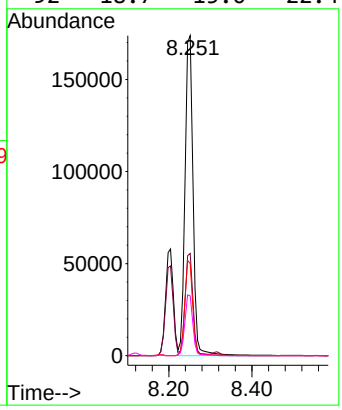


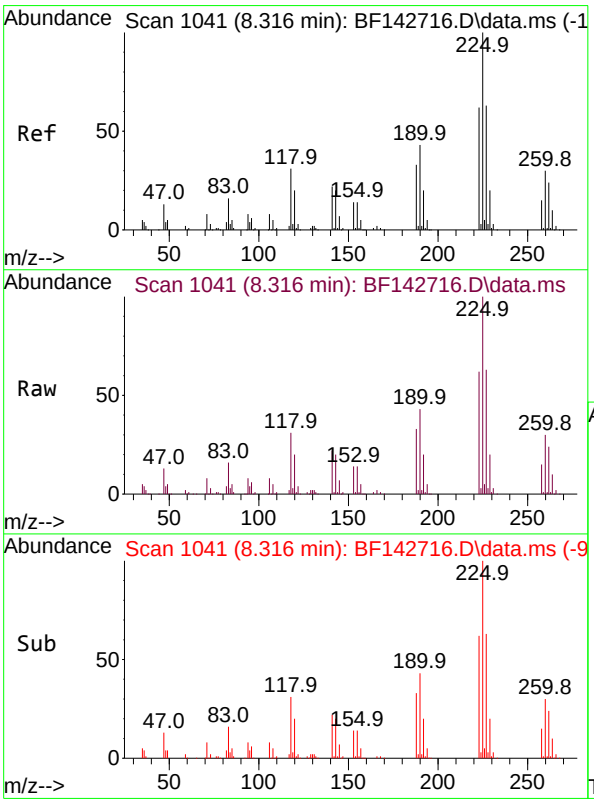
#33
4-Chloroaniline
Concen: 39.494 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

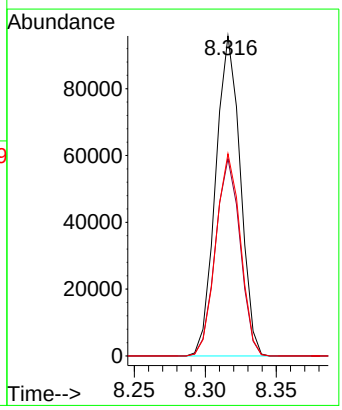


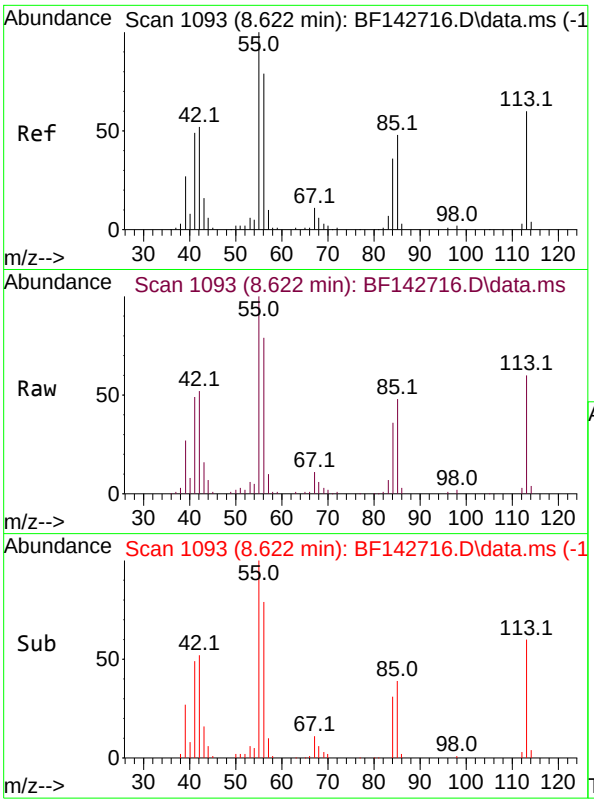


#34
Hexachlorobutadiene
Concen: 41.152 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



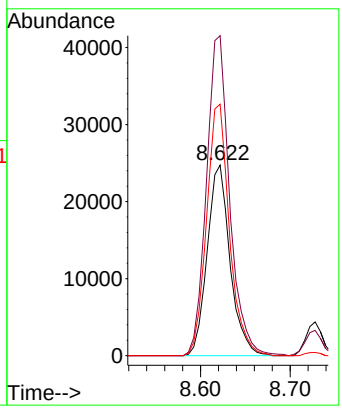


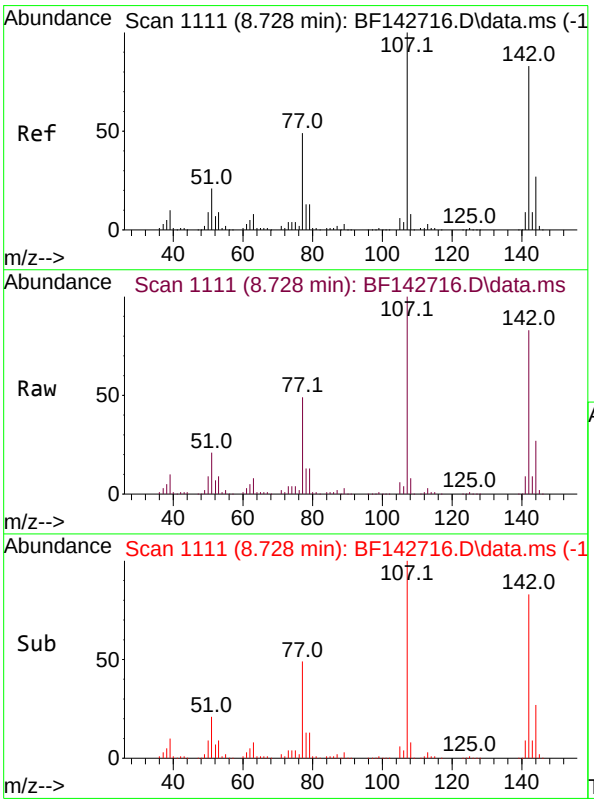
#35
Caprolactam
Concen: 35.114 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

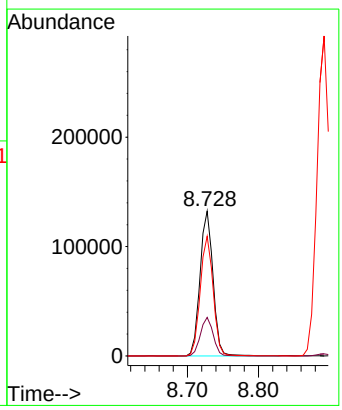


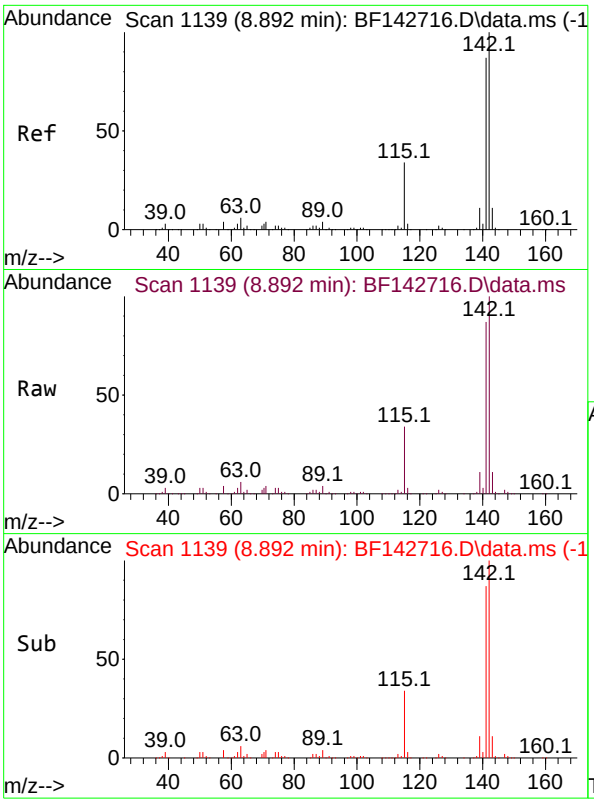


#36
4-Chloro-3-methylphenol
Concen: 39.238 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



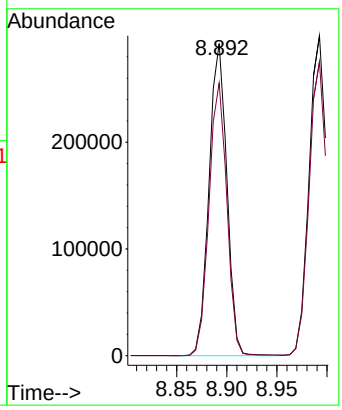


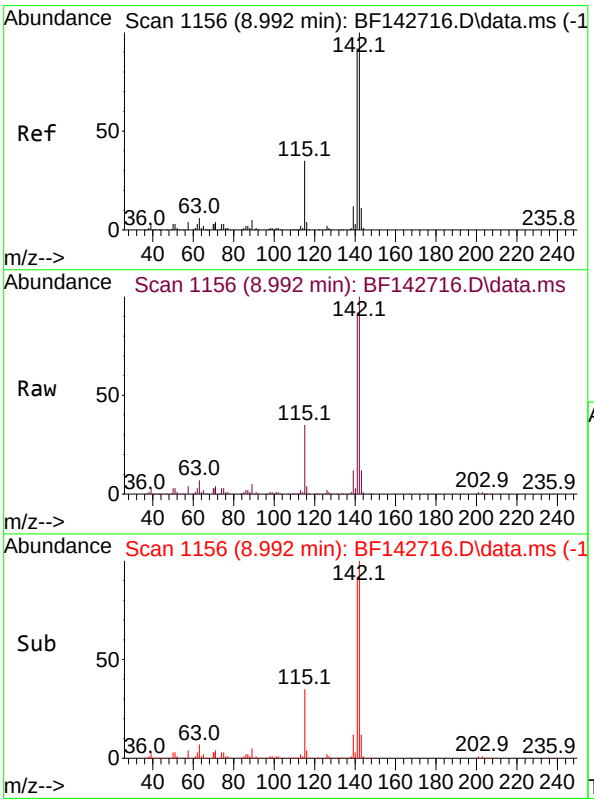
#37
2-Methylnaphthalene
Concen: 39.343 ng
RT: 8.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 362198

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

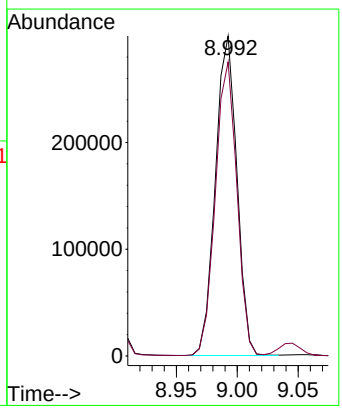


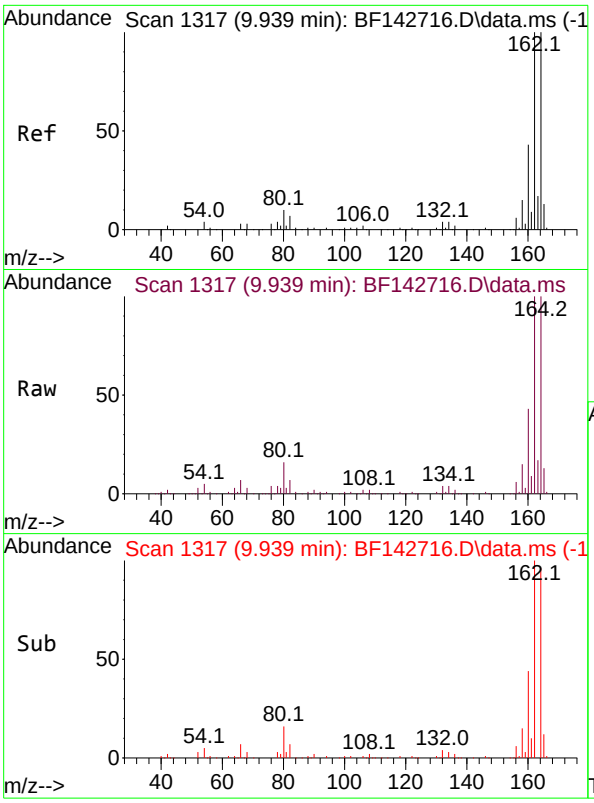


#38
1-Methylnaphthalene
Concen: 38.834 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

Tgt Ion:142 Resp: 368559

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3



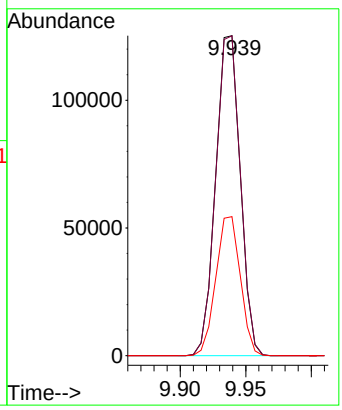


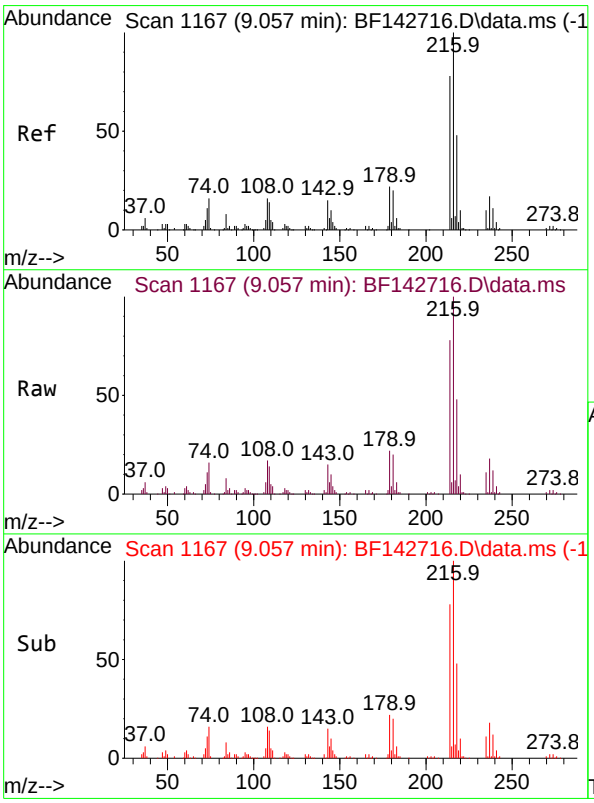
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

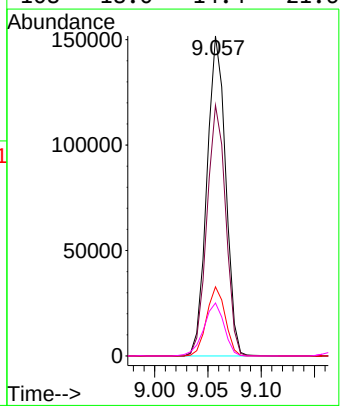


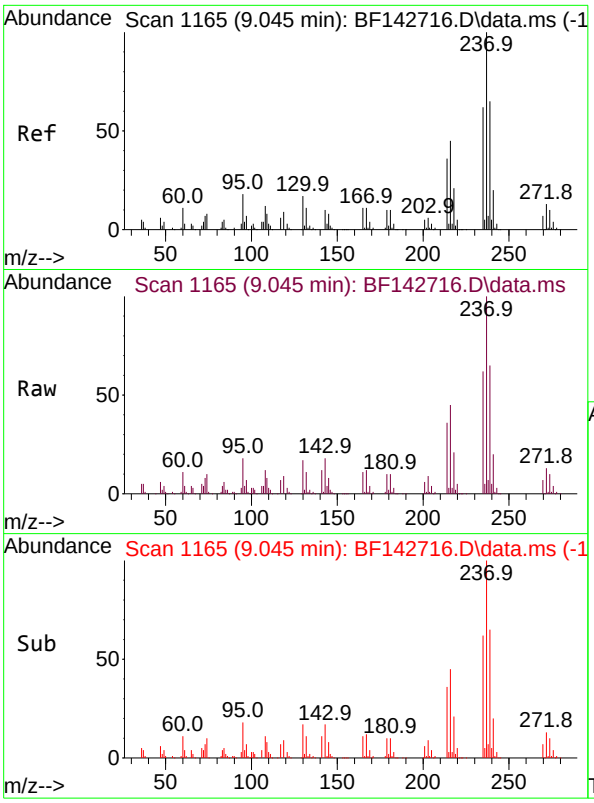


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.039 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



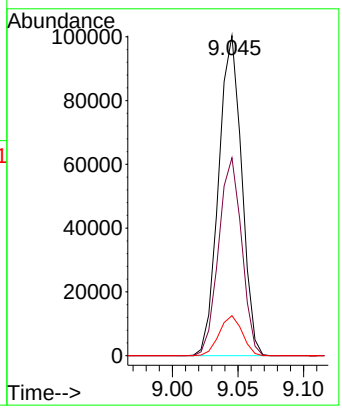


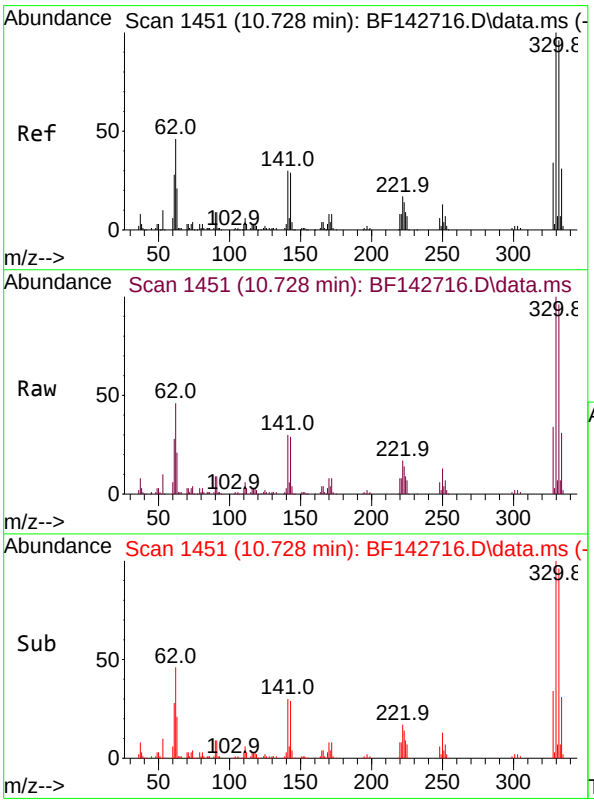
#41
Hexachlorocyclopentadiene
Concen: 43.254 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

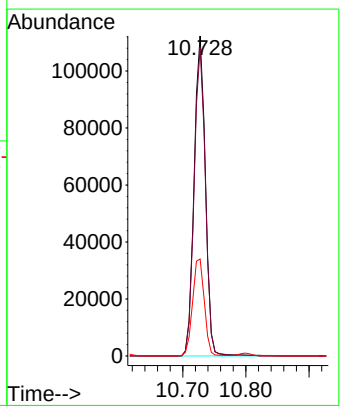


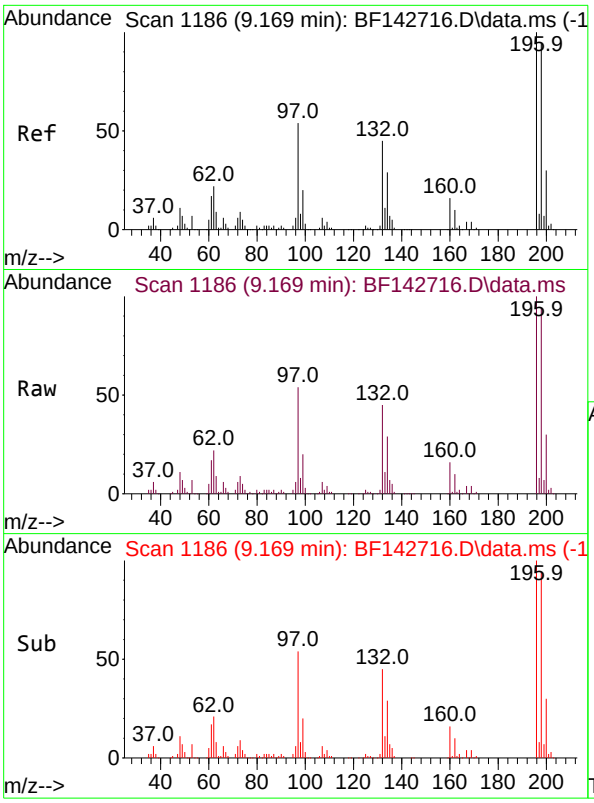


#42
2,4,6-Tribromophenol
Concen: 76.063 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



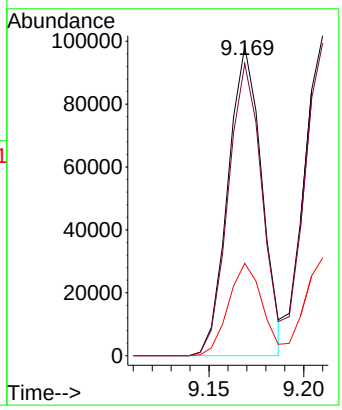


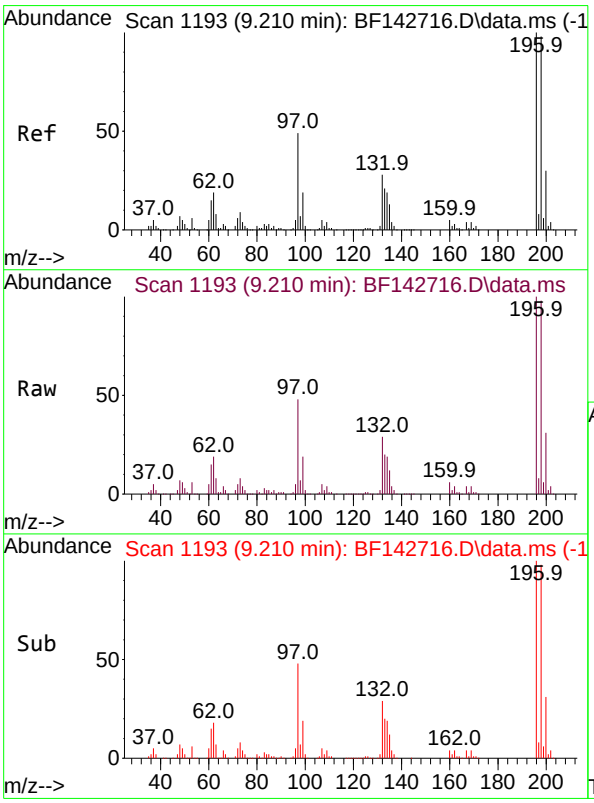
#43
2,4,6-Trichlorophenol
Concen: 39.269 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

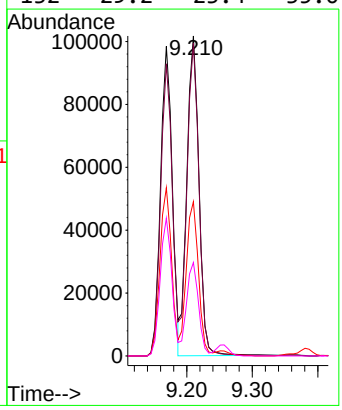


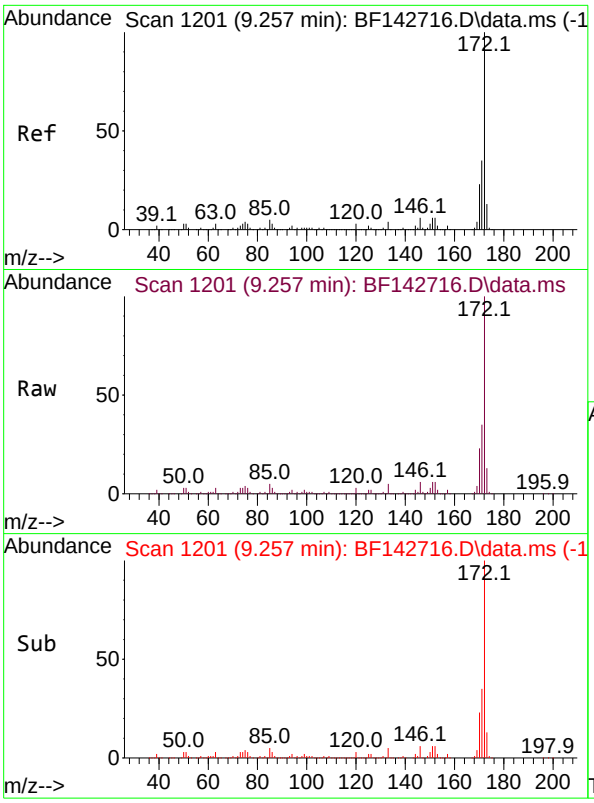


#44
2,4,5-Trichlorophenol
Concen: 39.297 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



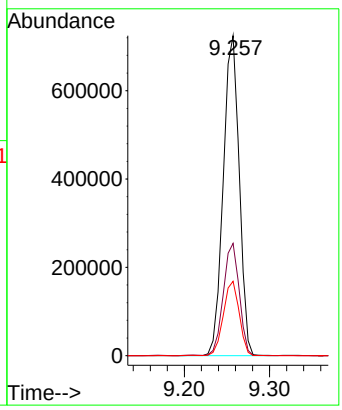


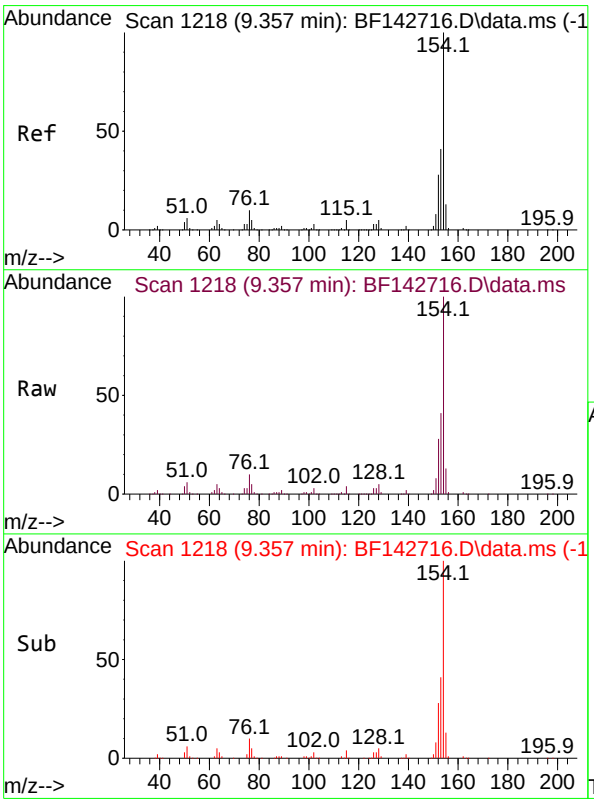
#45
2-Fluorobiphenyl
Concen: 78.457 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

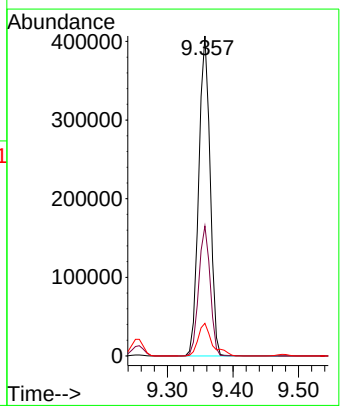


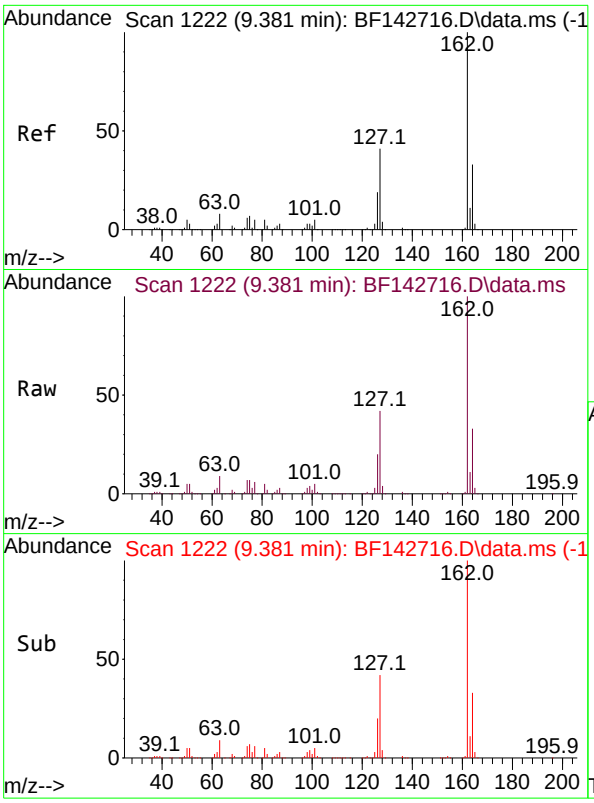


#46
1,1'-Biphenyl
Concen: 38.741 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



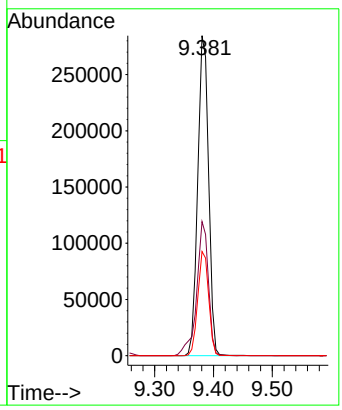


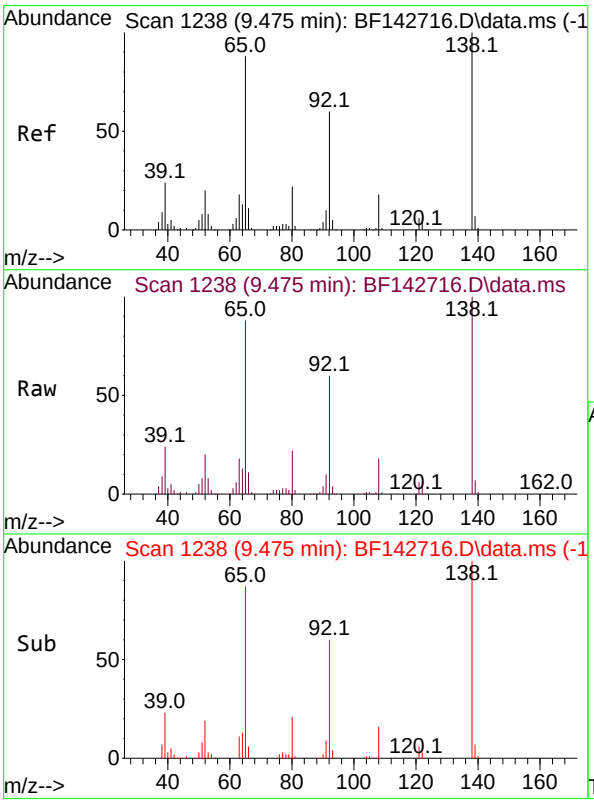
#47
2-Chloronaphthalene
Concen: 38.406 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

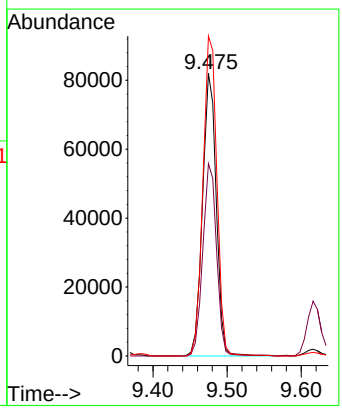


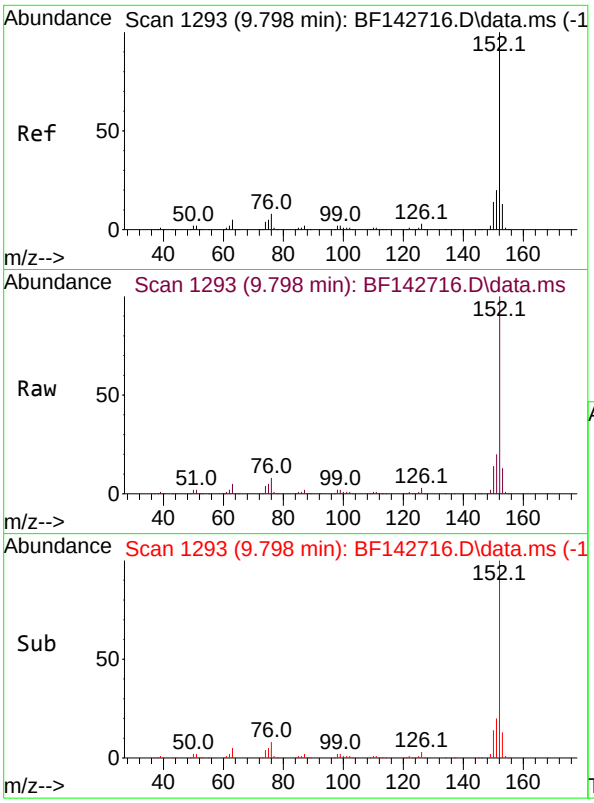


#48
2-Nitroaniline
Concen: 37.714 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



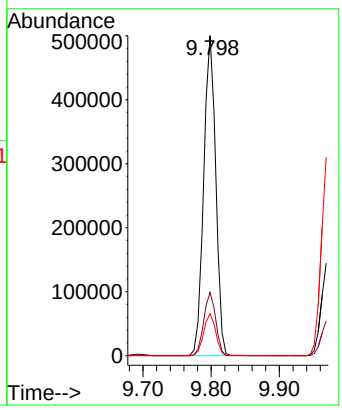


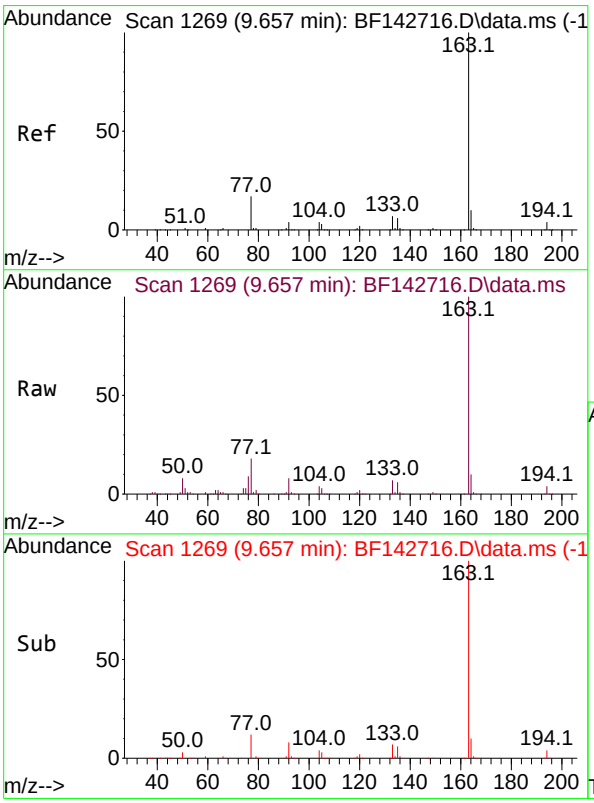
#49
Acenaphthylene
Concen: 38.988 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

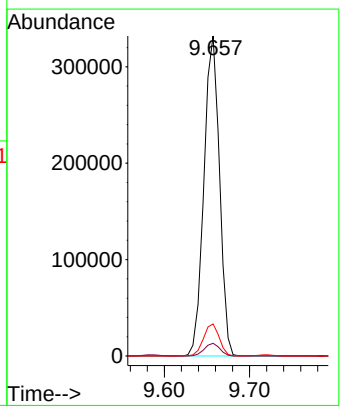


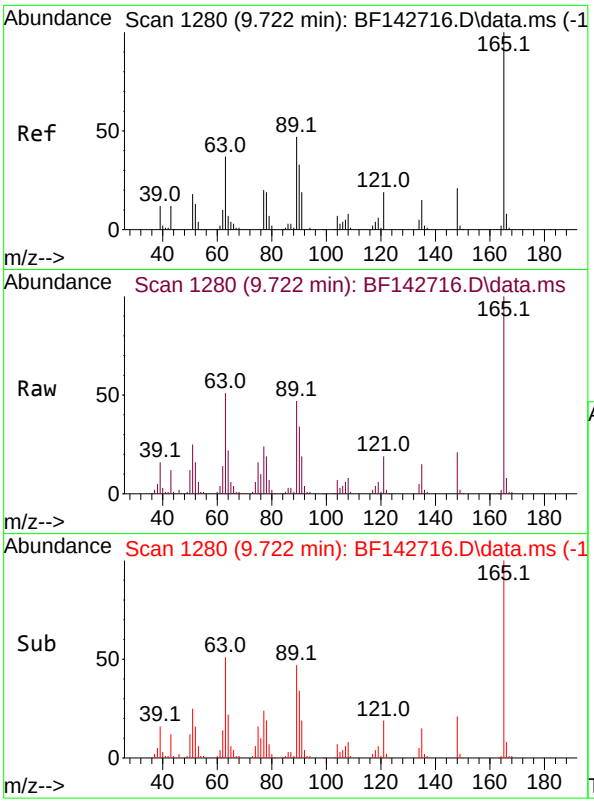


#50
Dimethylphthalate
Concen: 38.379 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



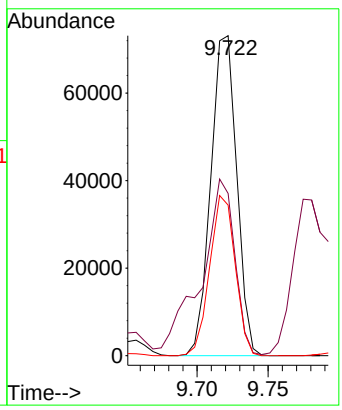


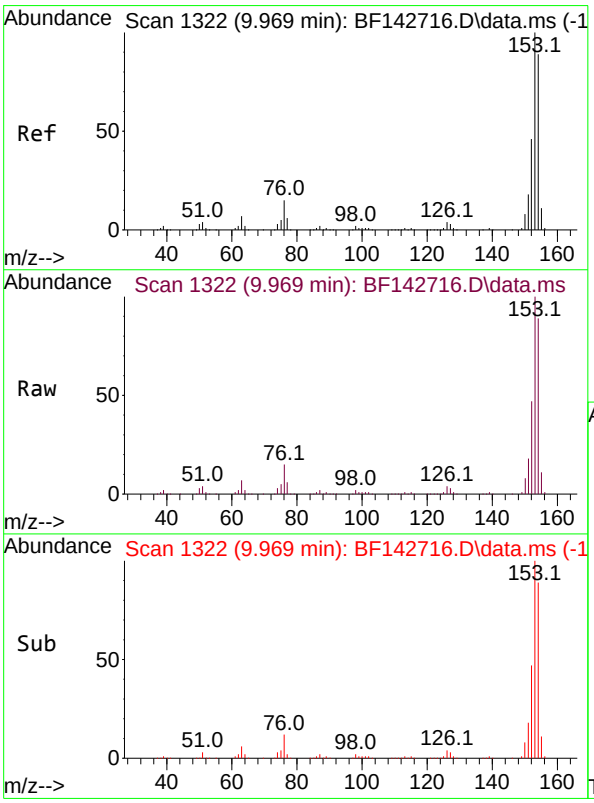
#51
2,6-Dinitrotoluene
Concen: 38.994 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

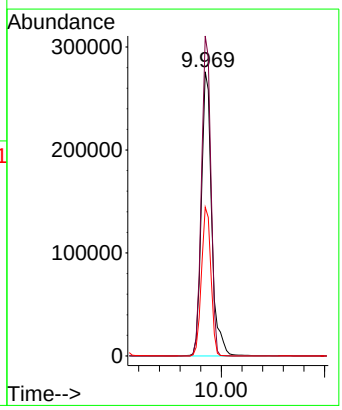


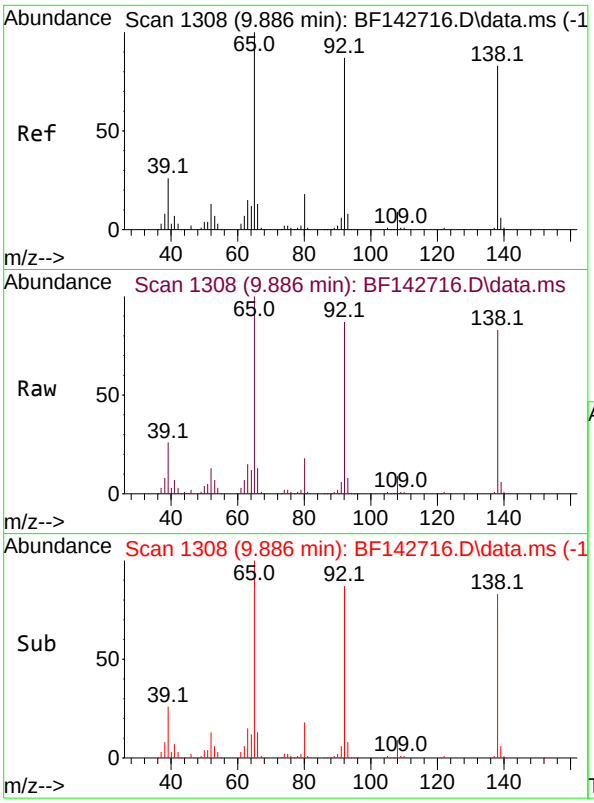


#52
Acenaphthene
Concen: 39.625 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



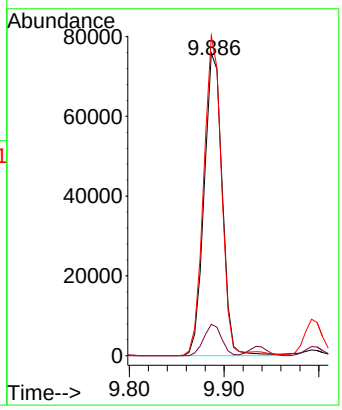


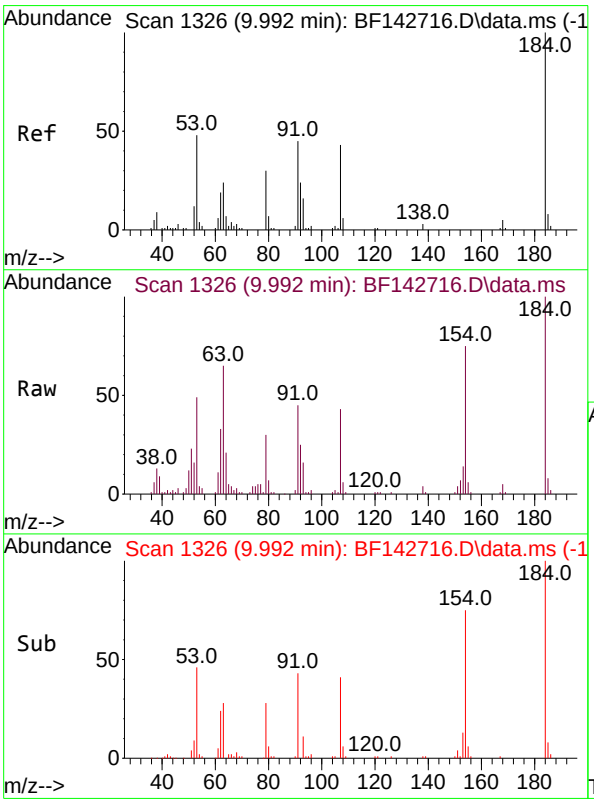
#53
3-Nitroaniline
Concen: 37.837 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

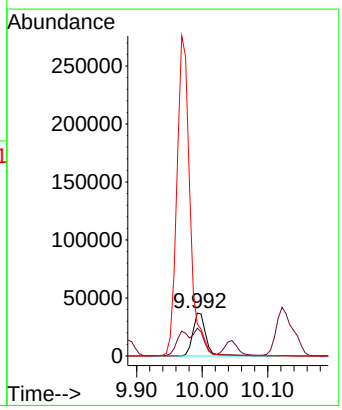


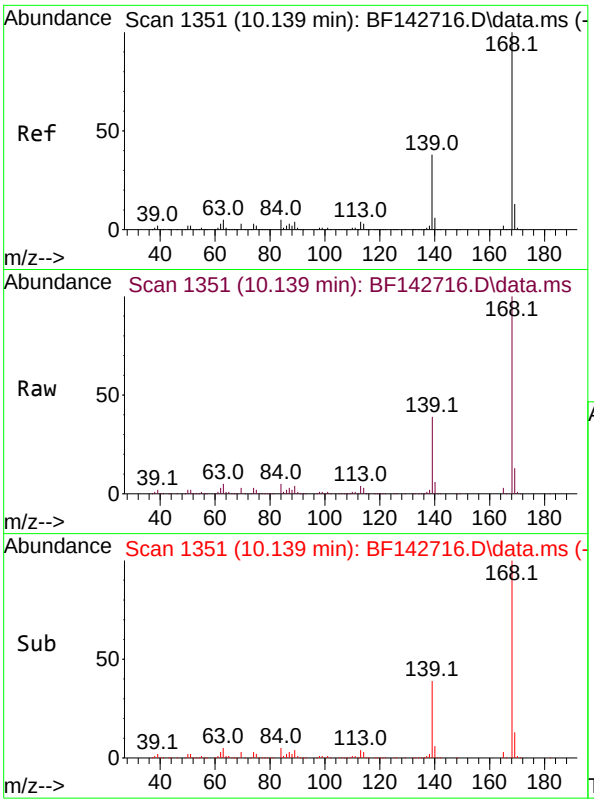


#54
2,4-Dinitrophenol
Concen: 39.175 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



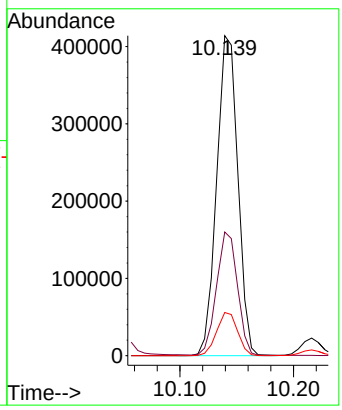


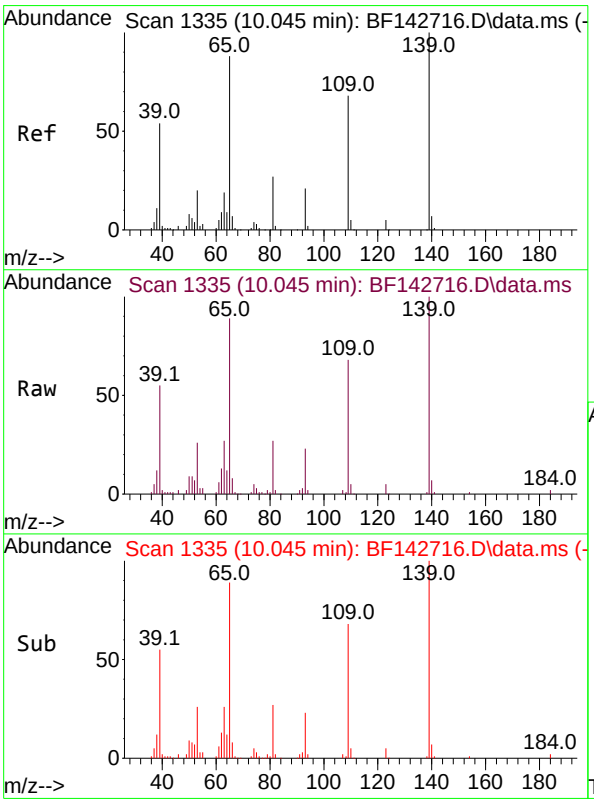
#55
Dibenzofuran
Concen: 38.781 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

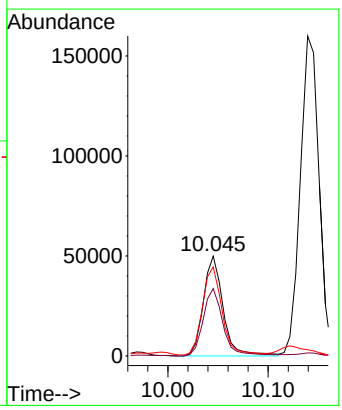


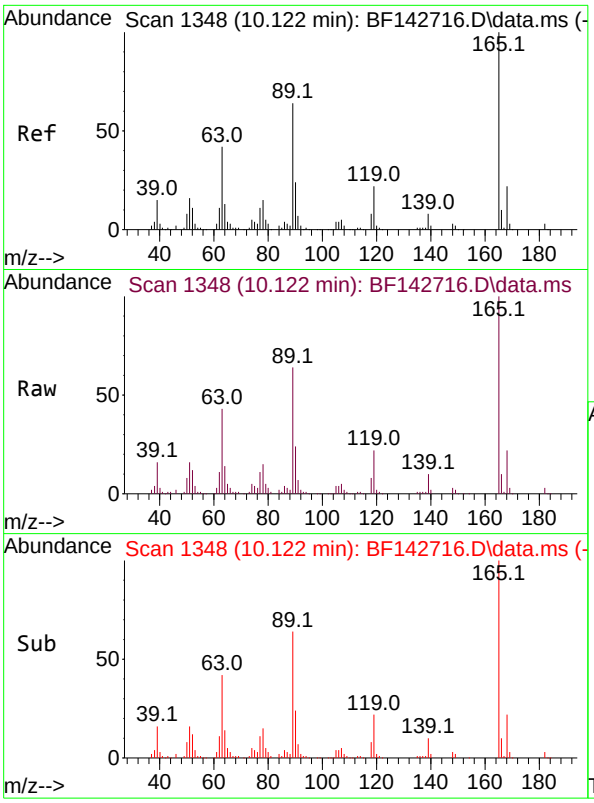


#56
4-Nitrophenol
Concen: 37.768 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



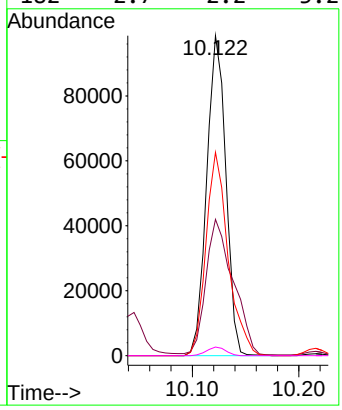


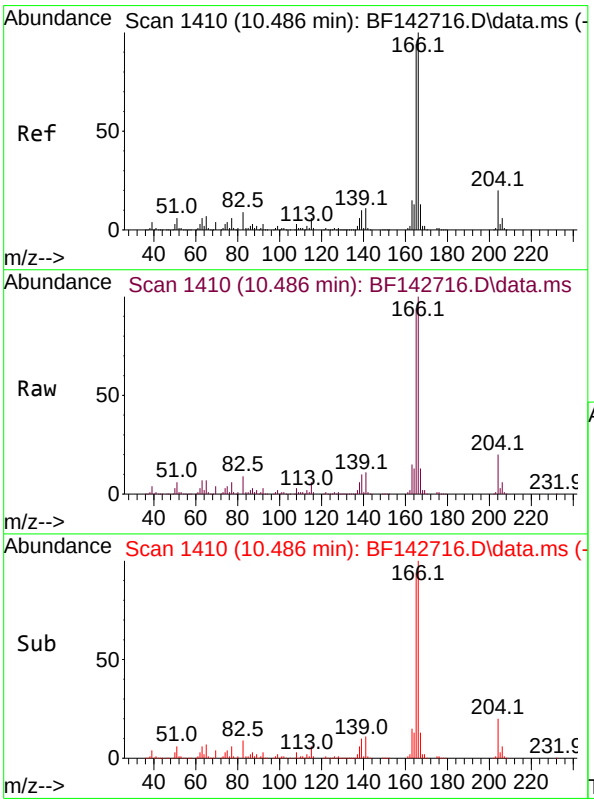
#57
2,4-Dinitrotoluene
Concen: 38.810 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

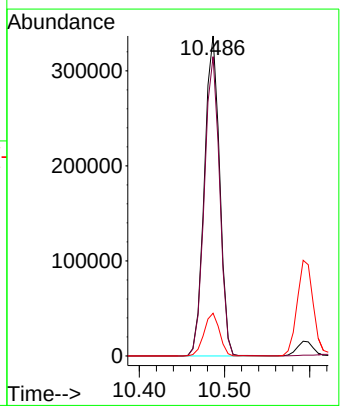


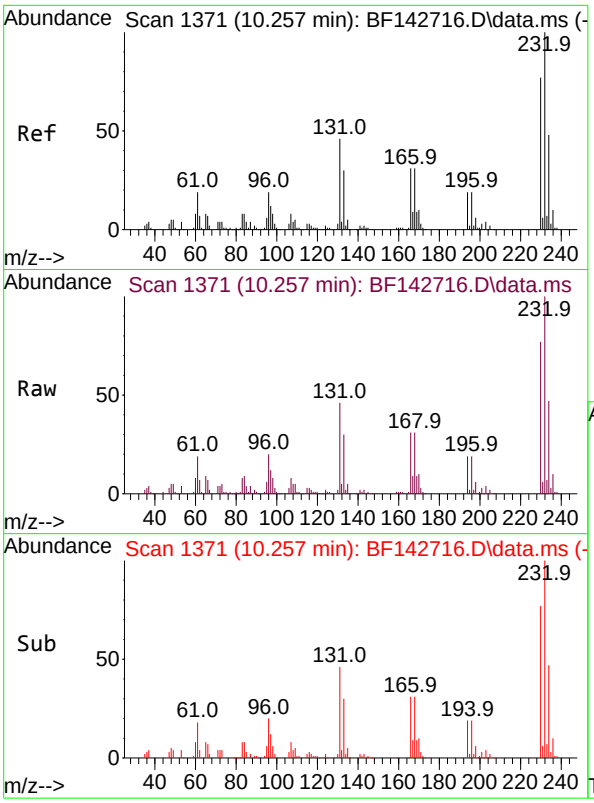


#58
Fluorene
Concen: 37.810 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



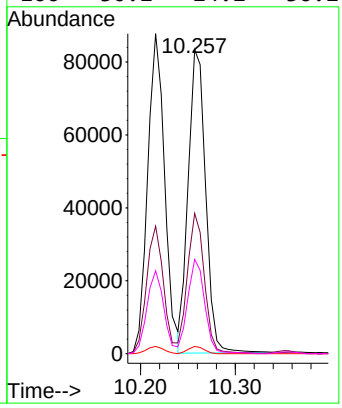


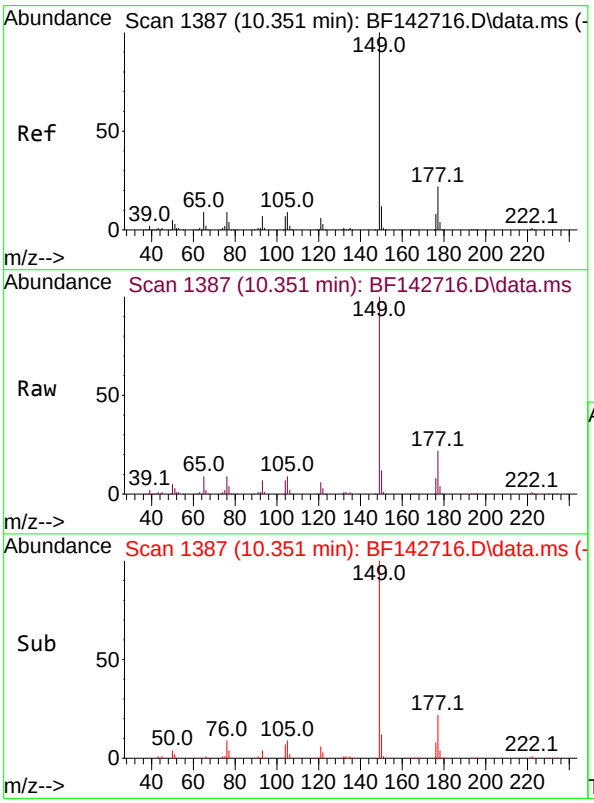
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.750 ng
RT: 10.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

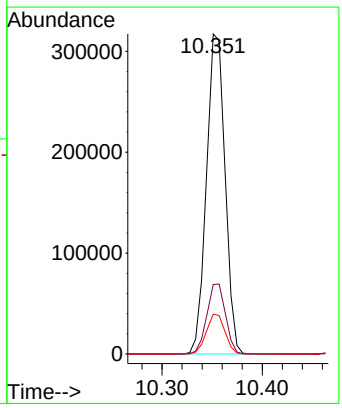


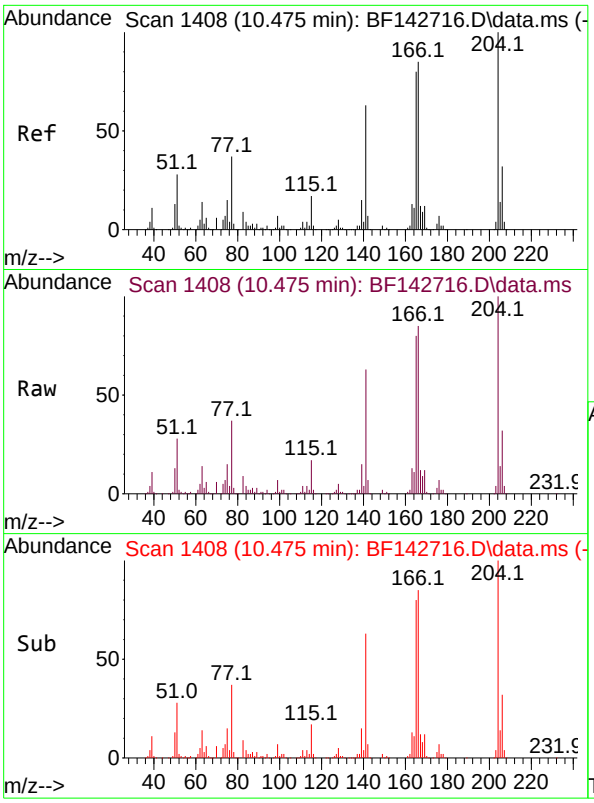


#60
Diethylphthalate
Concen: 38.395 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



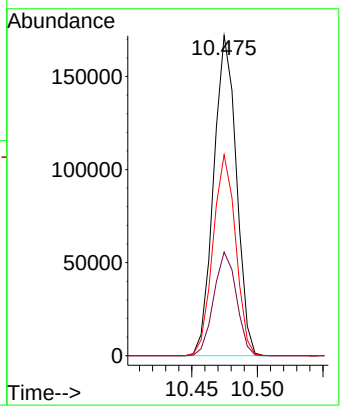


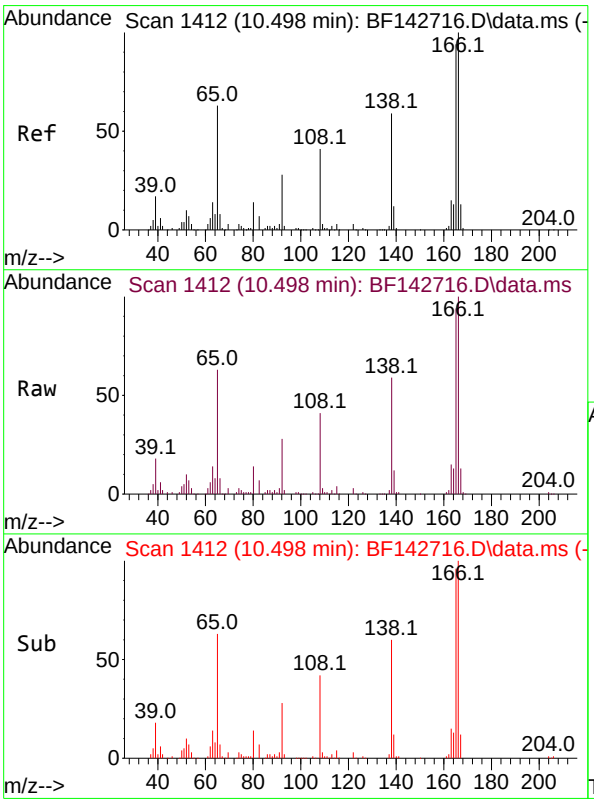
#61
4-Chlorophenyl-phenylether
Concen: 39.385 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

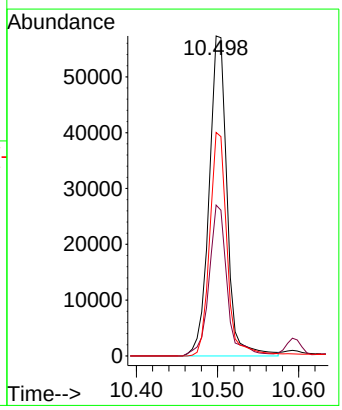


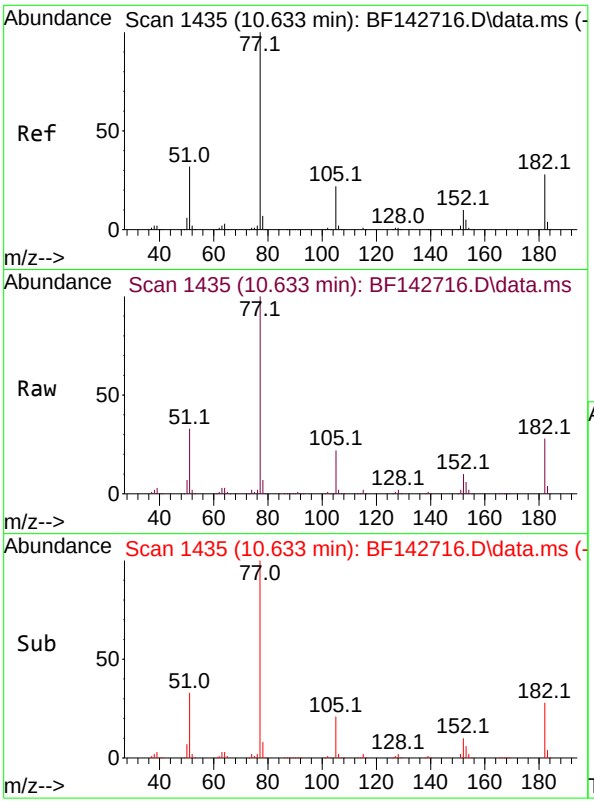


#62
4-Nitroaniline
Concen: 35.439 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



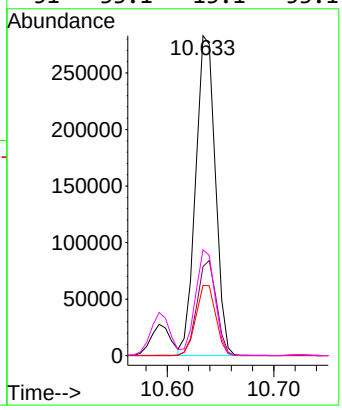


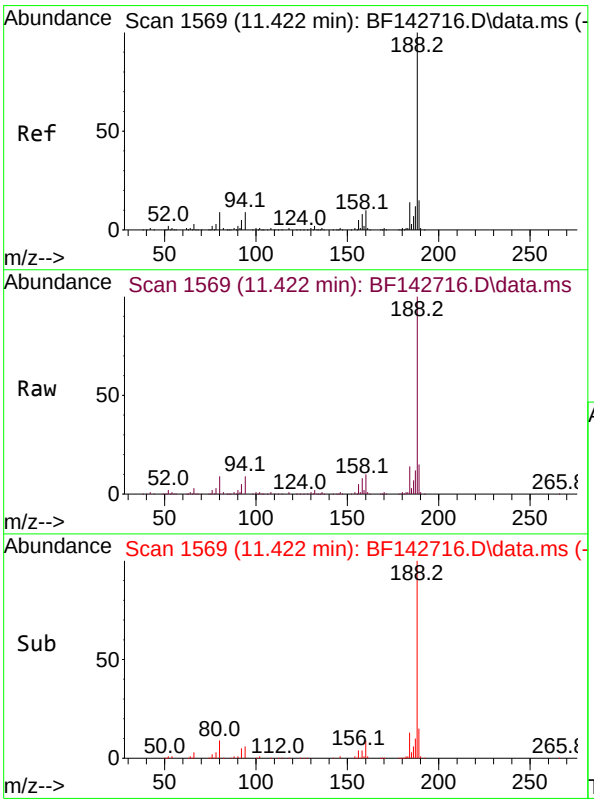
#63
Azobenzene
Concen: 38.029 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

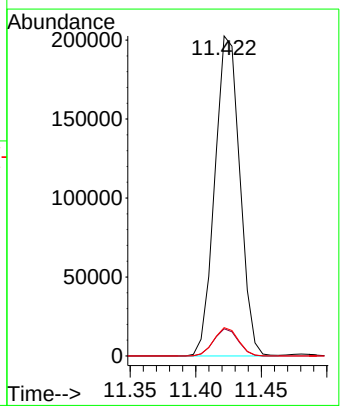


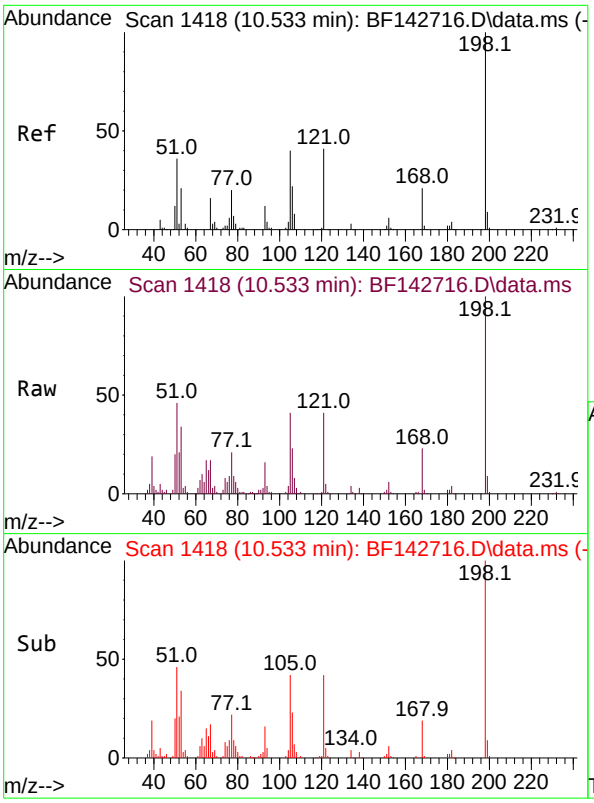


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



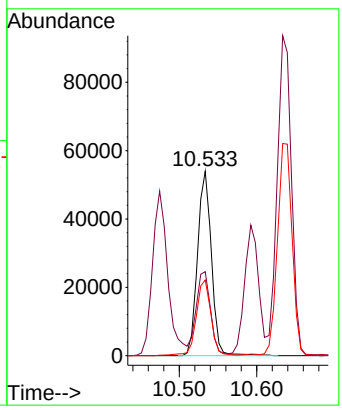


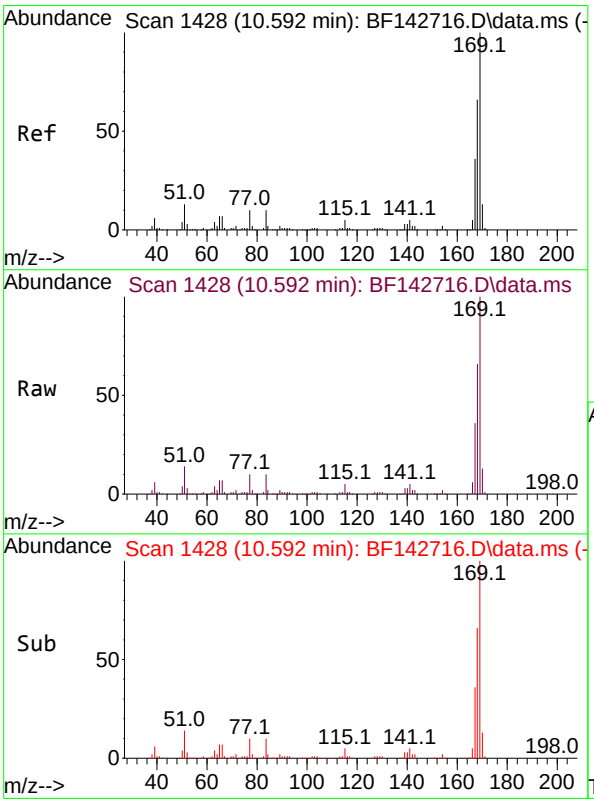
#65
4,6-Dinitro-2-methylphenol
Concen: 40.198 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

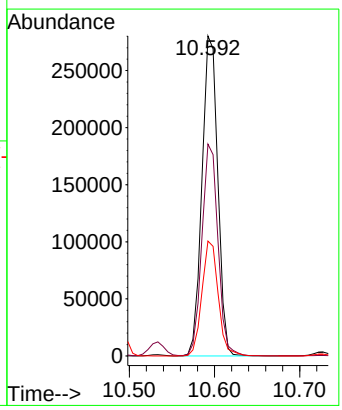


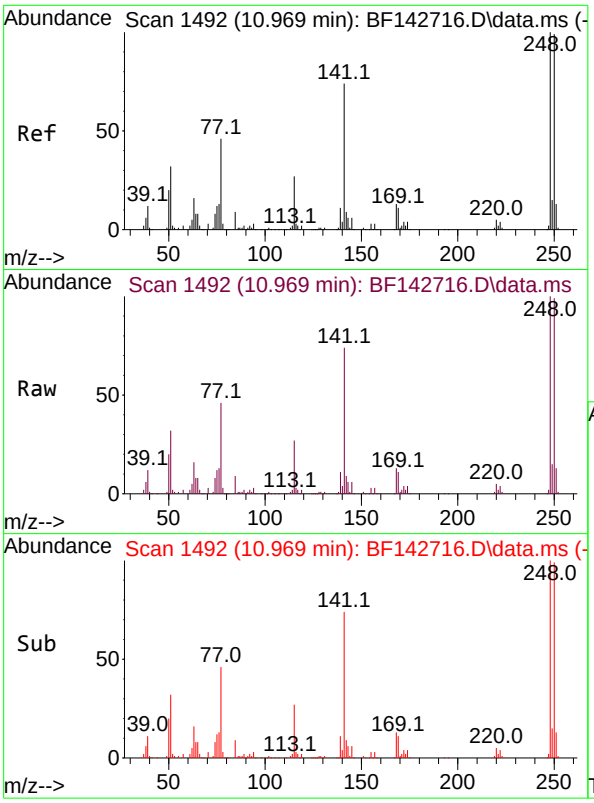


#66
n-Nitrosodiphenylamine
Concen: 41.670 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



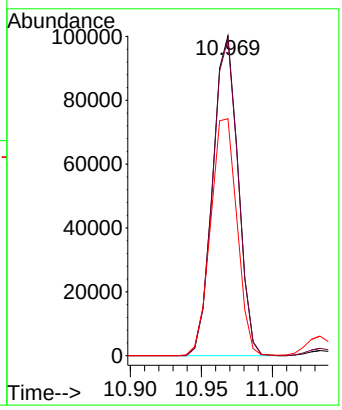


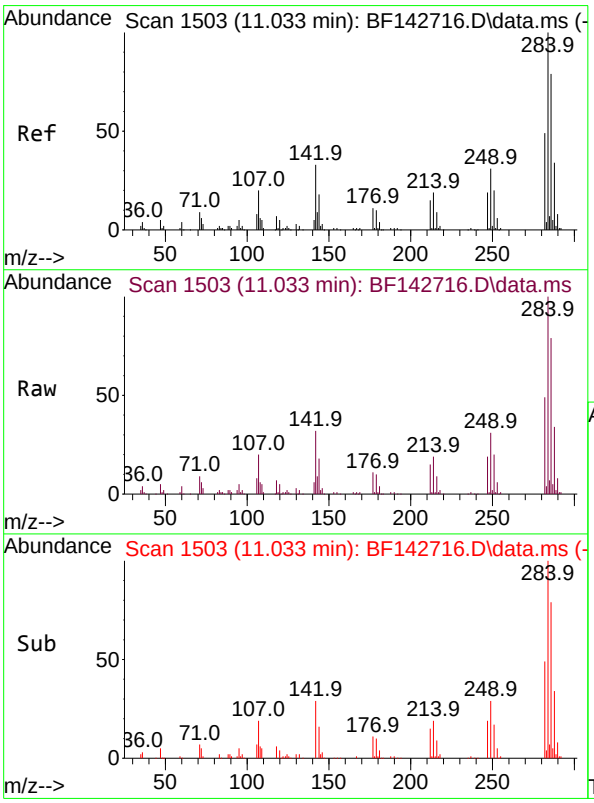
#67
4-Bromophenyl-phenylether
Concen: 41.764 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

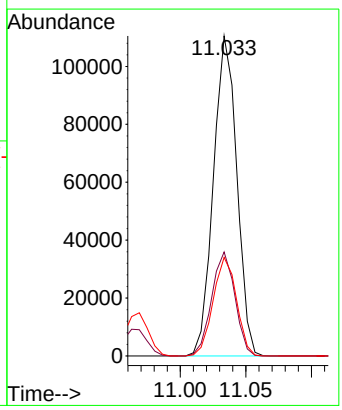


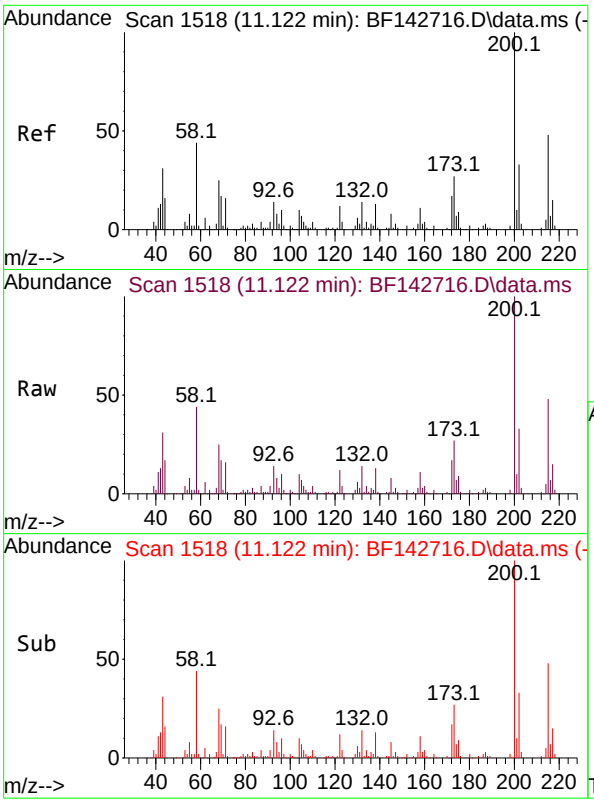


#68
Hexachlorobenzene
Concen: 40.378 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



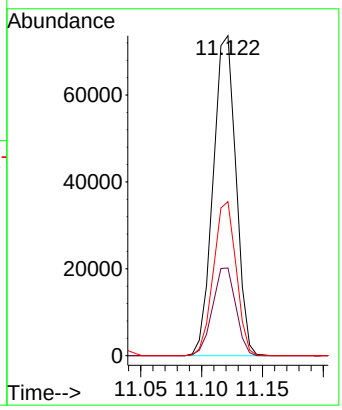


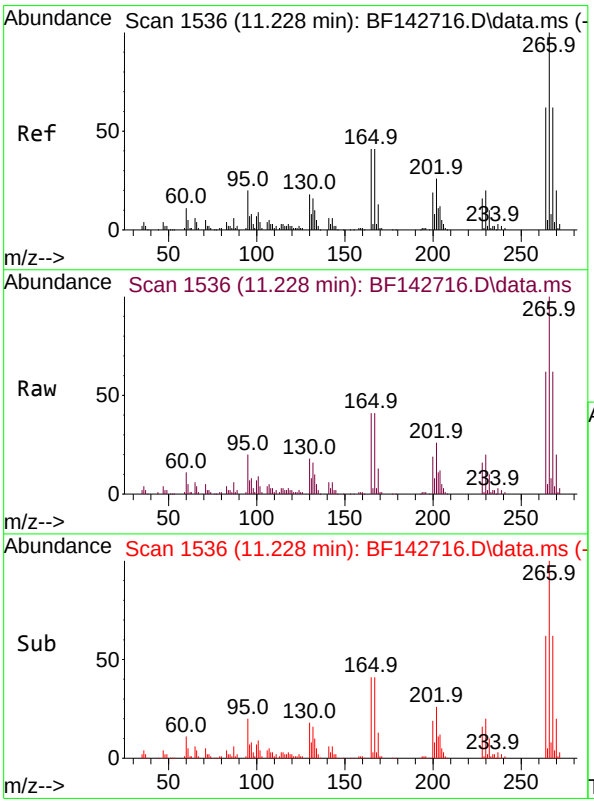
#69
Atrazine
Concen: 37.398 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

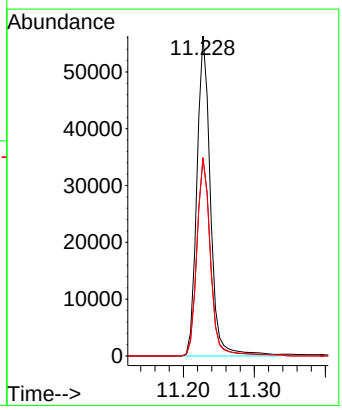


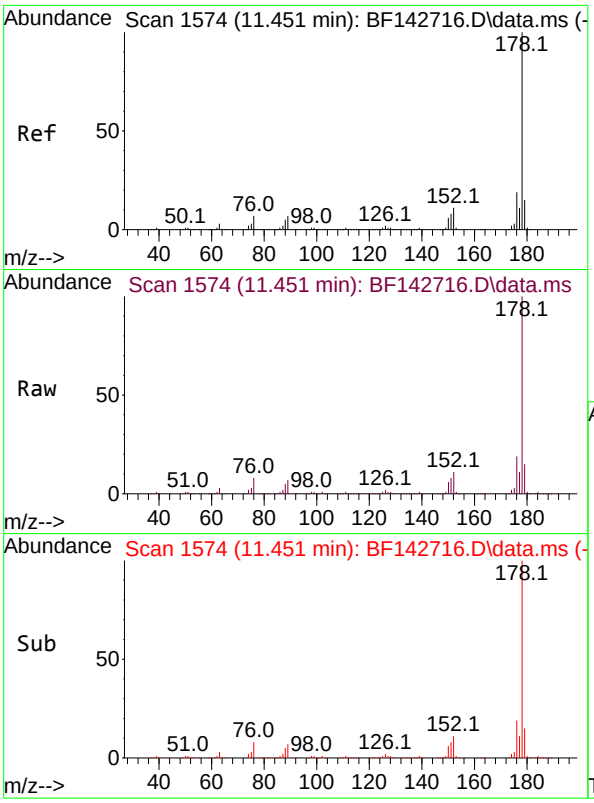


#70
Pentachlorophenol
Concen: 40.813 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



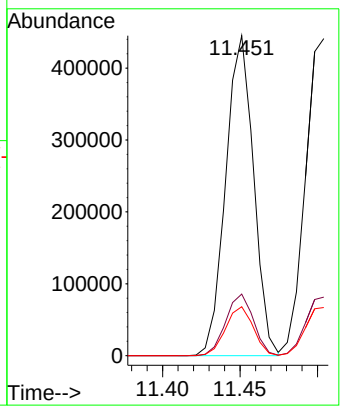


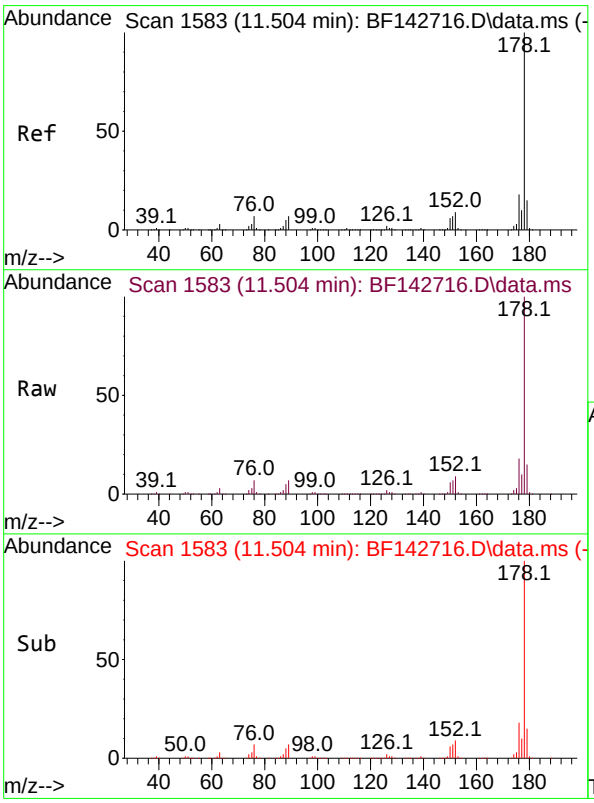
#71
Phenanthrene
Concen: 38.727 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

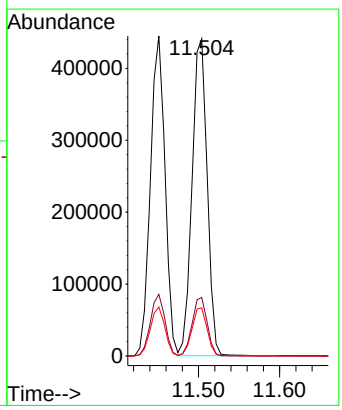


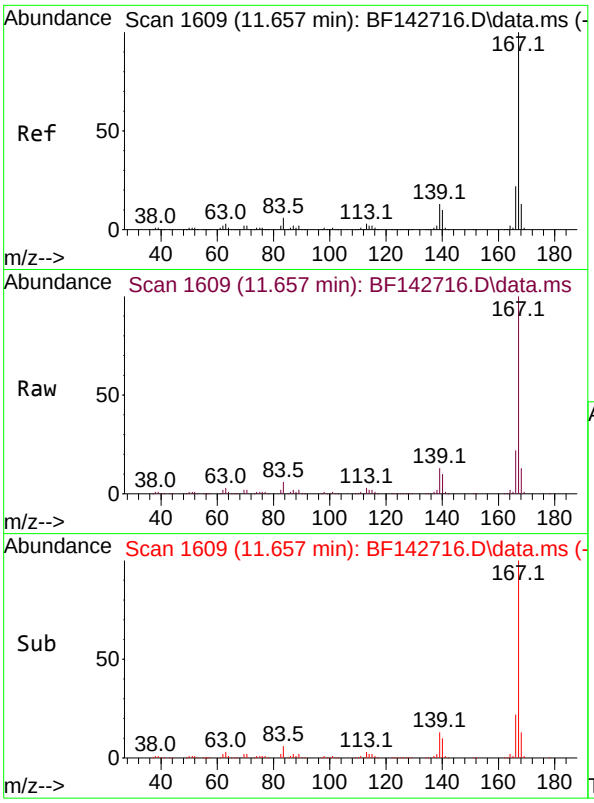


#72
Anthracene
Concen: 38.423 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



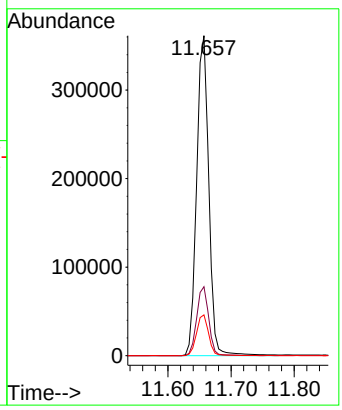


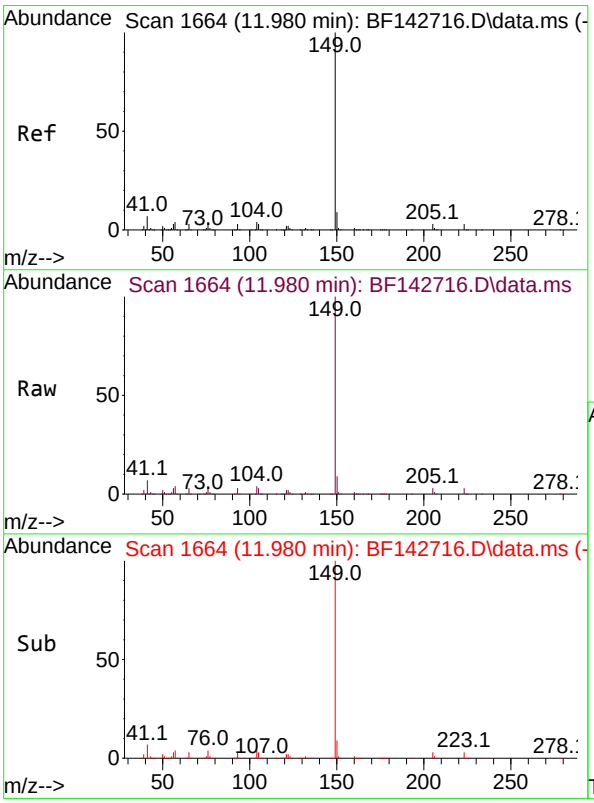
#73
Carbazole
Concen: 36.505 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

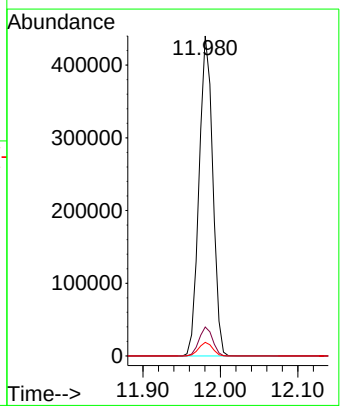


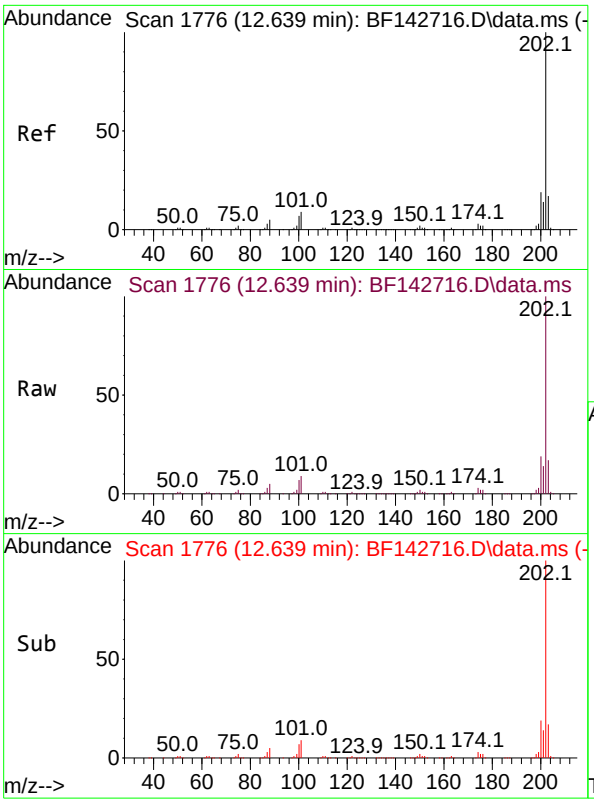


#74
Di-n-butylphthalate
Concen: 38.619 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



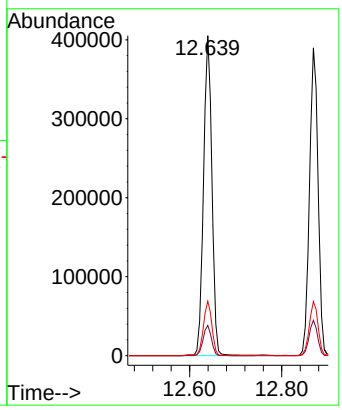


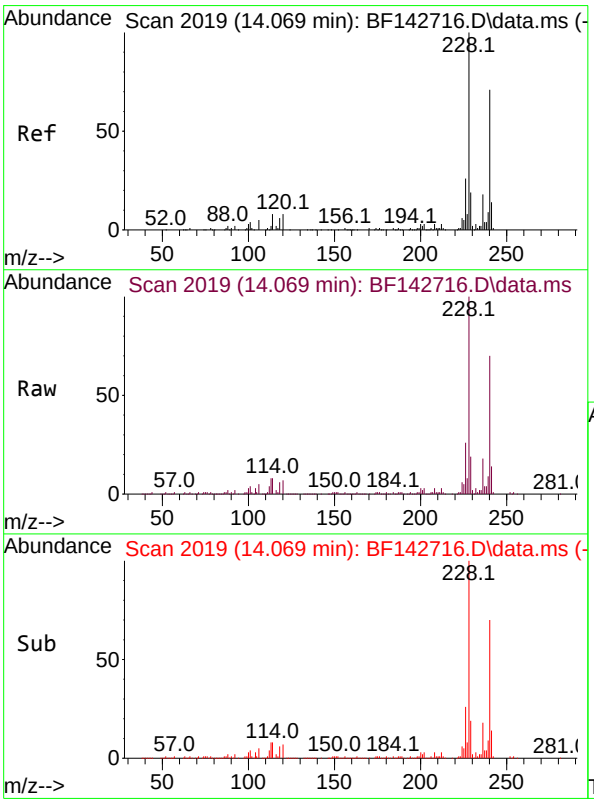
#75
Fluoranthene
Concen: 37.088 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

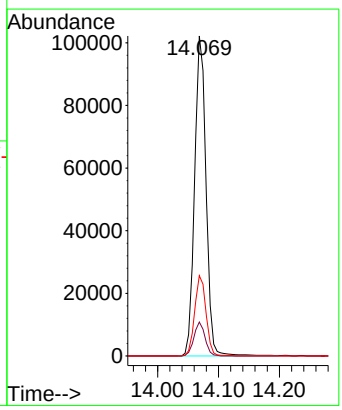


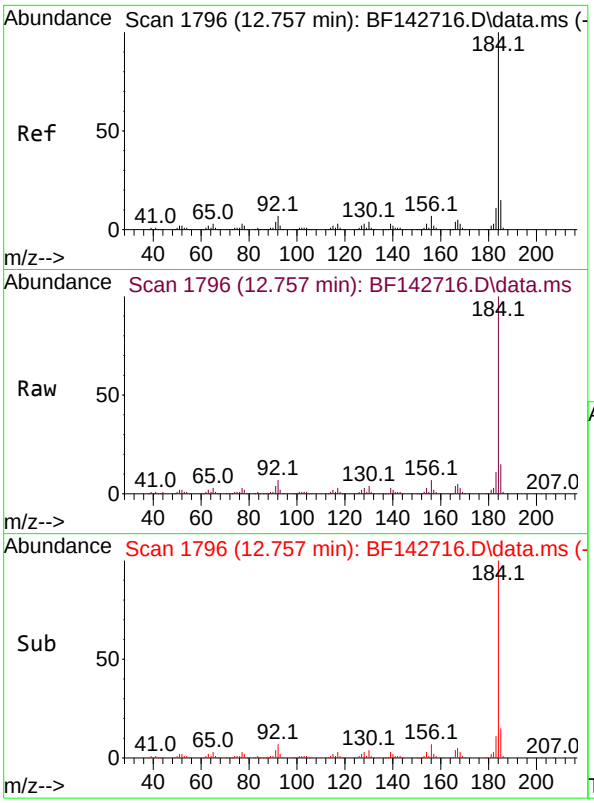


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



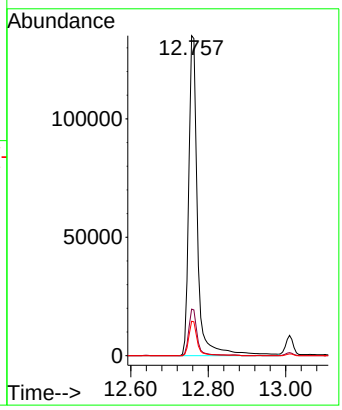


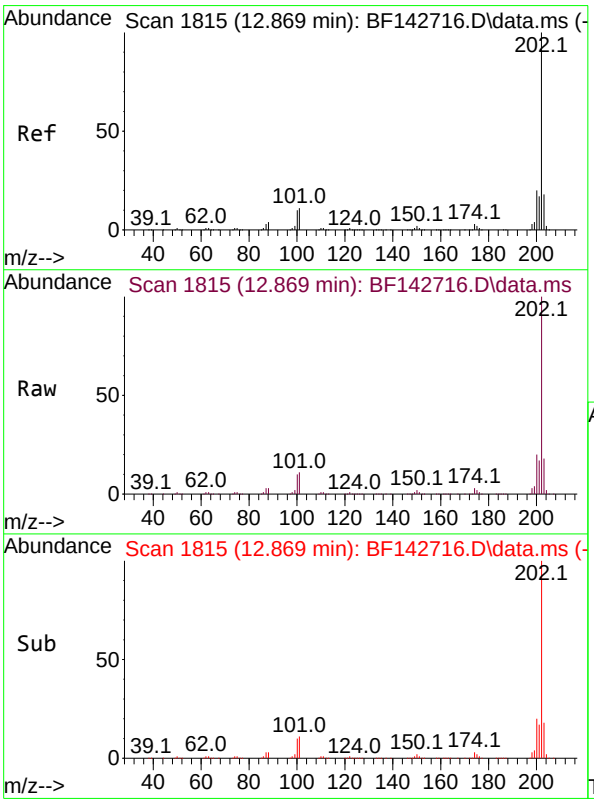
#77
Benzidine
Concen: 45.507 ng
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

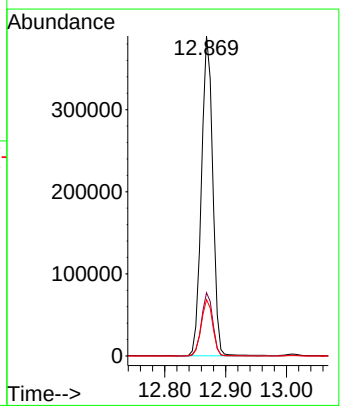


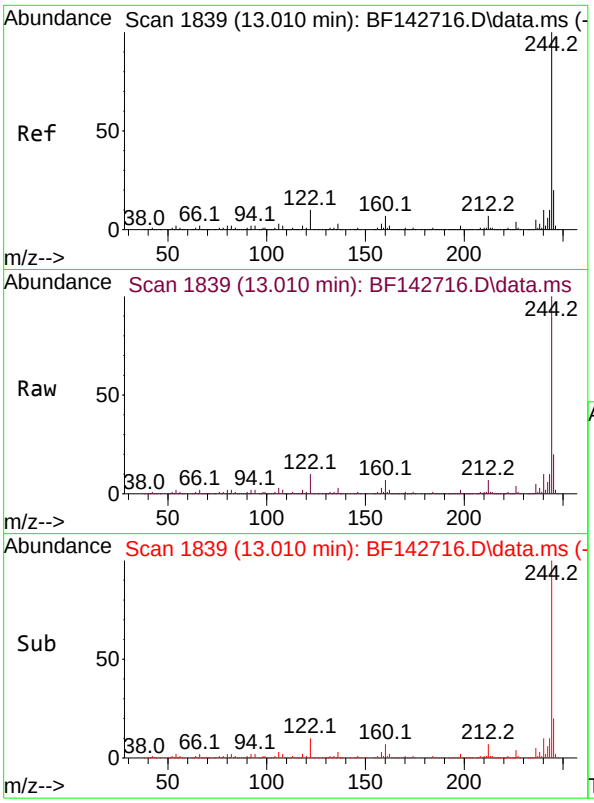


#78
Pyrene
Concen: 44.596 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



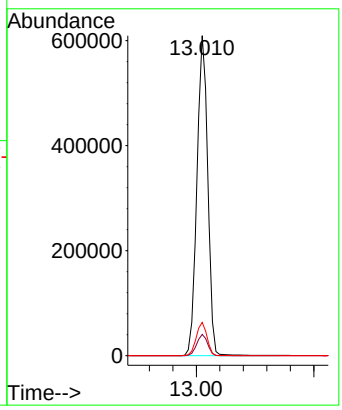


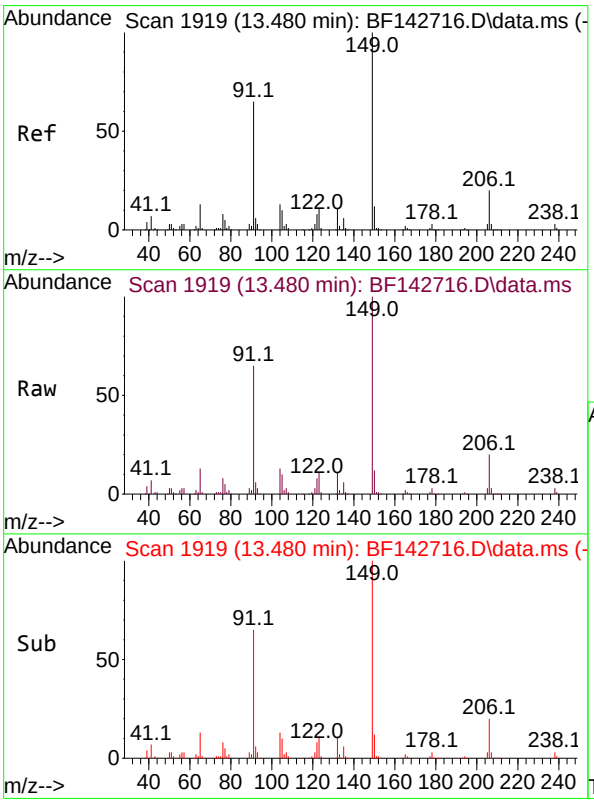
#79
Terphenyl-d14
Concen: 88.822 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

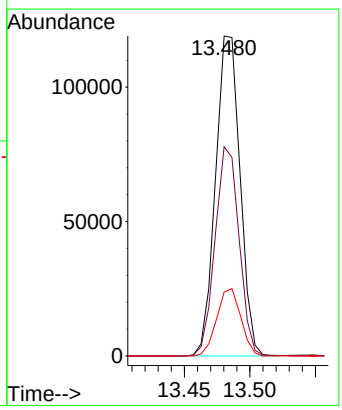


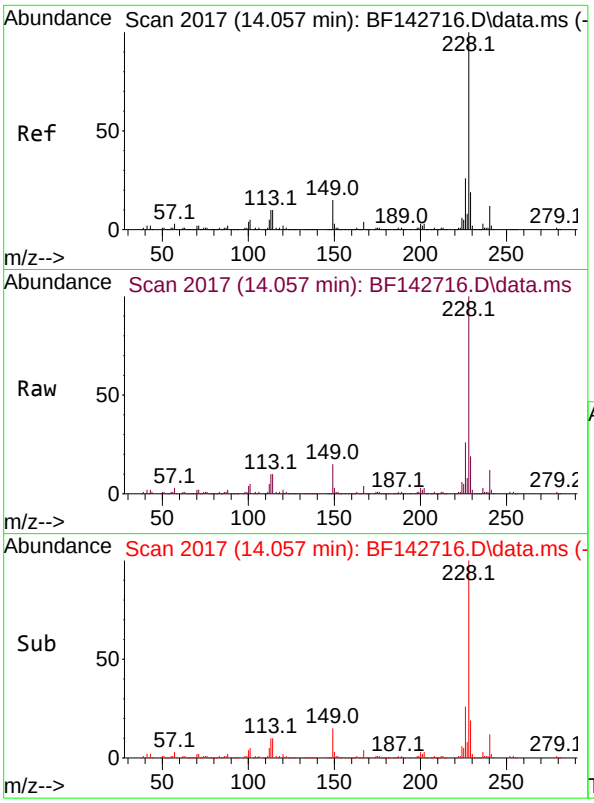


#80
Butylbenzylphthalate
Concen: 45.024 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



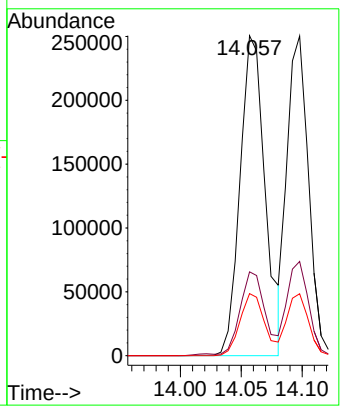


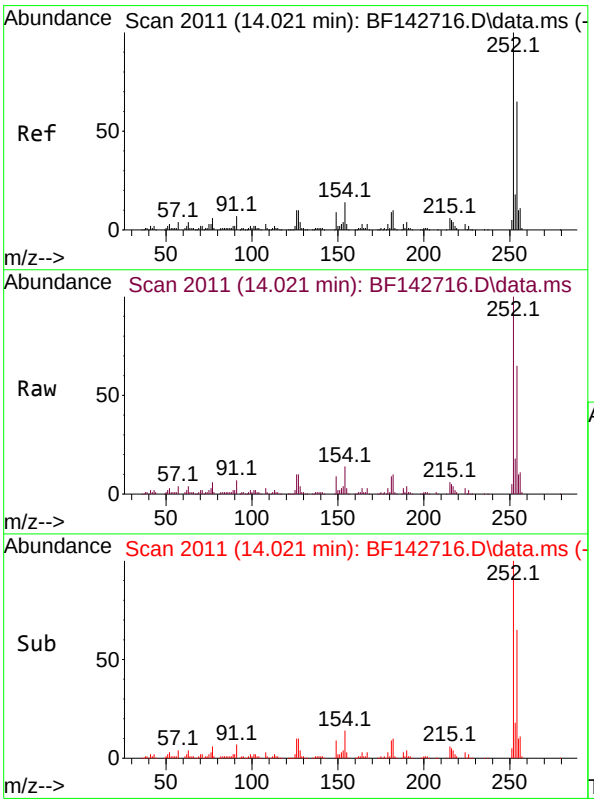
#81
Benzo(a)anthracene
Concen: 41.315 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

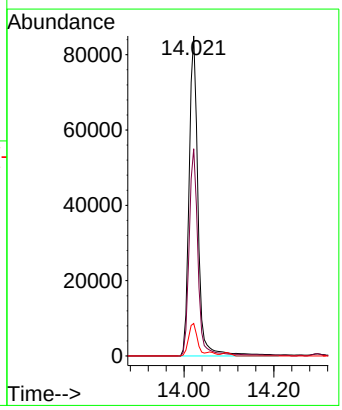


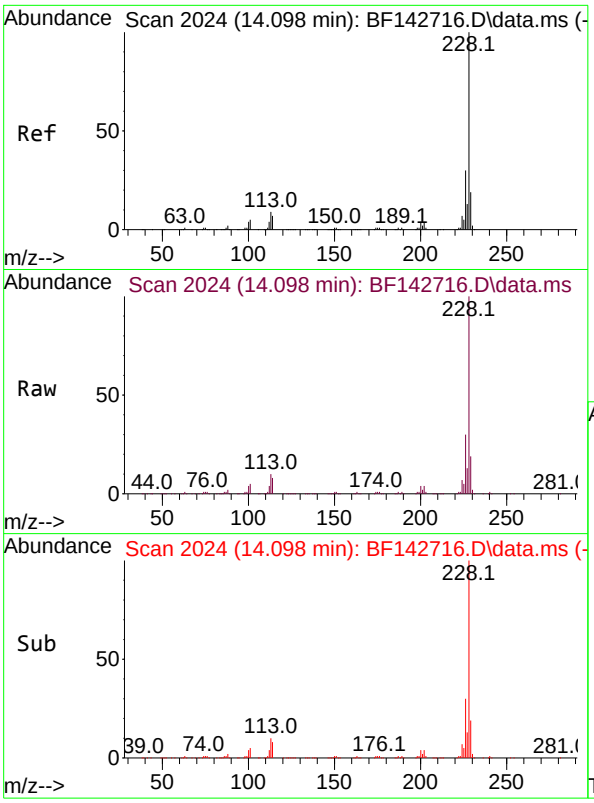


#82
3,3'-Dichlorobenzidine
Concen: 42.304 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



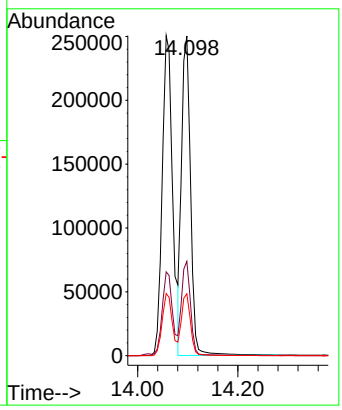


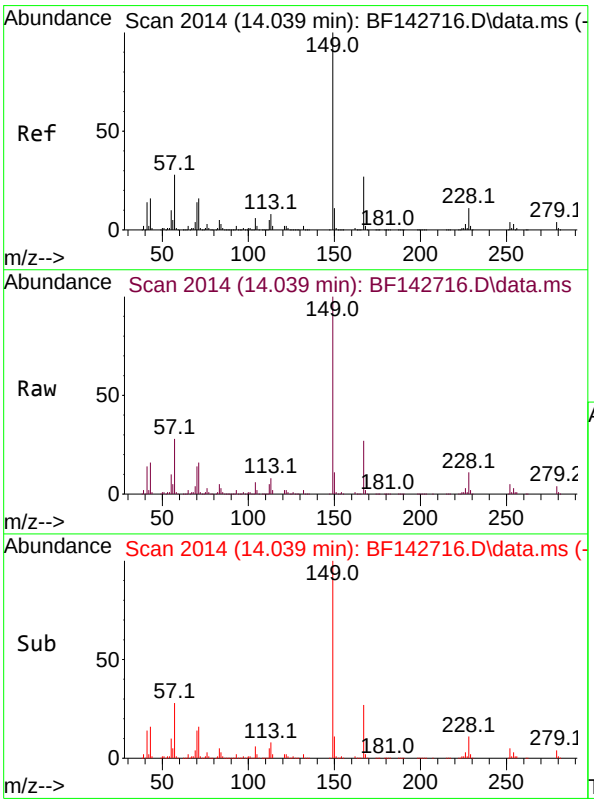
#83
Chrysene
Concen: 38.265 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

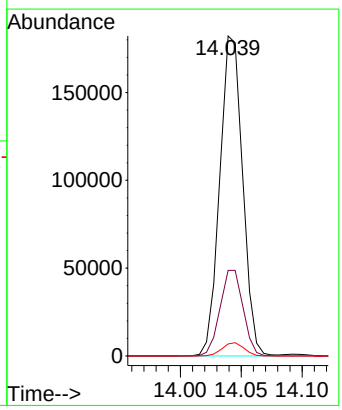


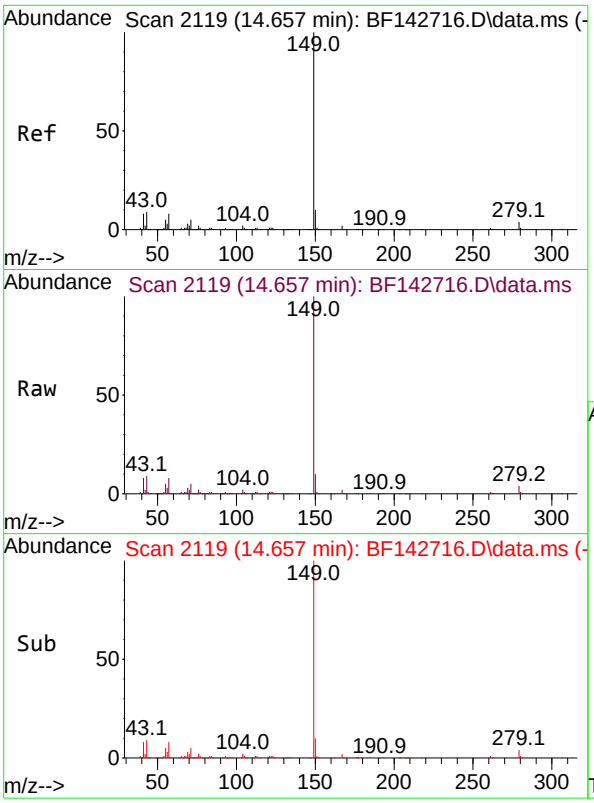


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.180 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



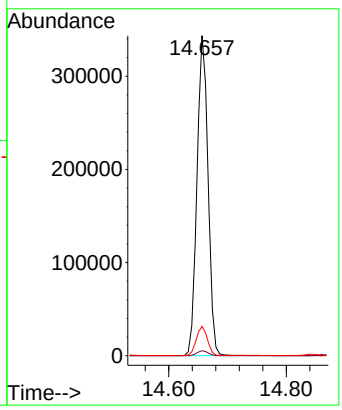


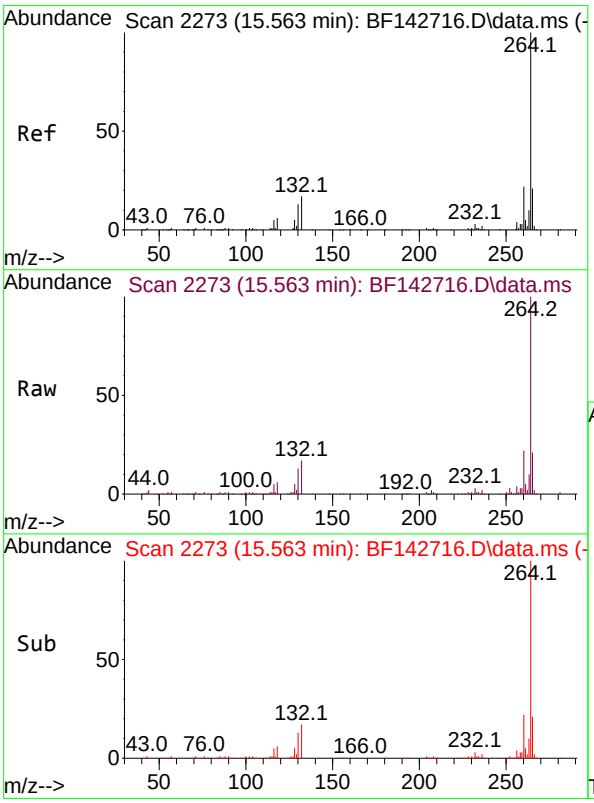
#85
Di-n-octyl phthalate
Concen: 55.357 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

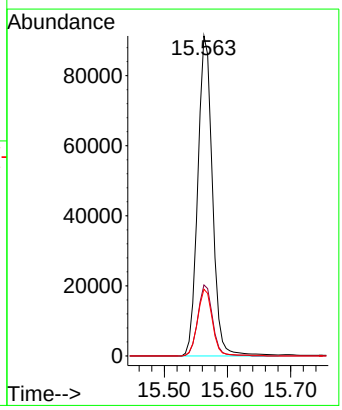


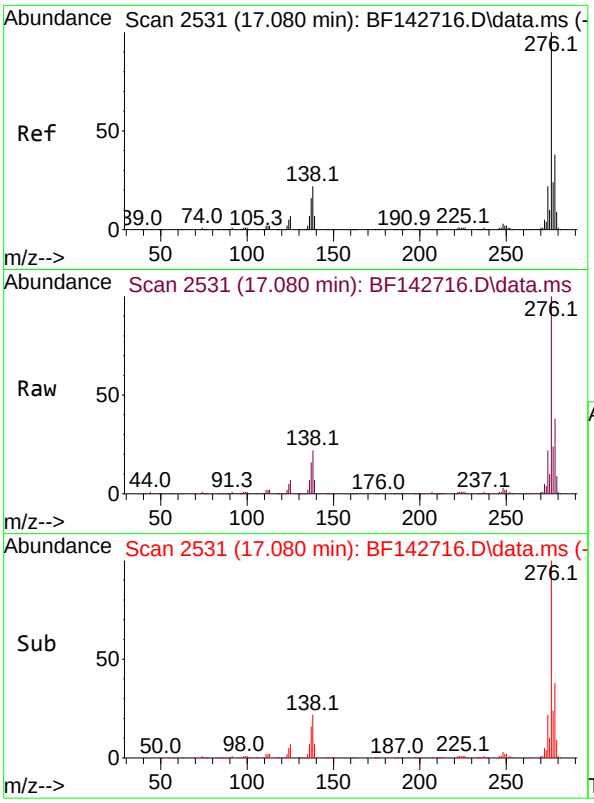


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



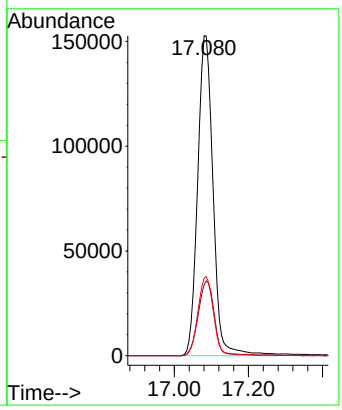


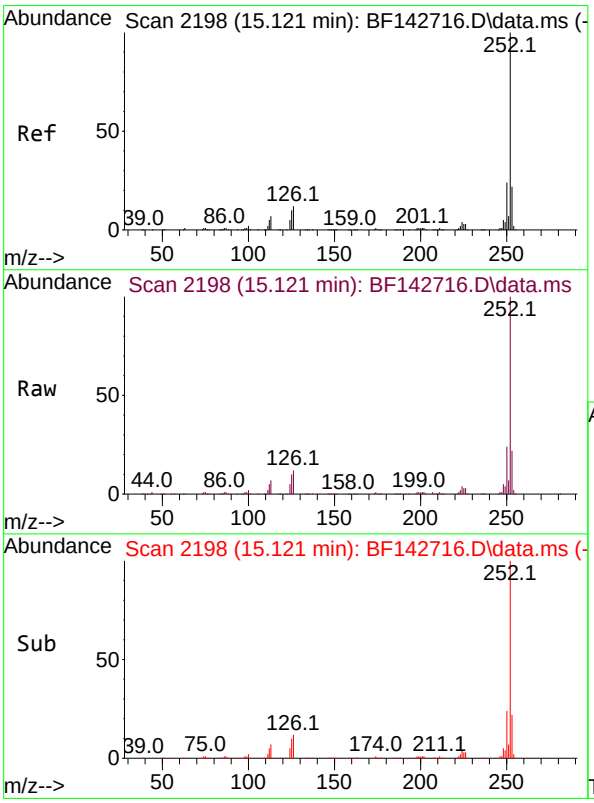
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.002 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

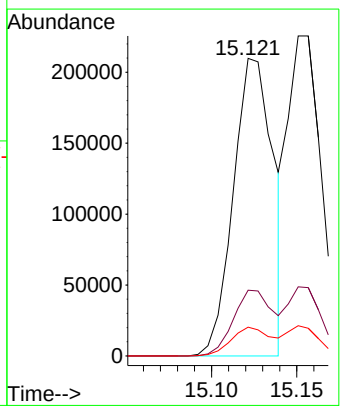


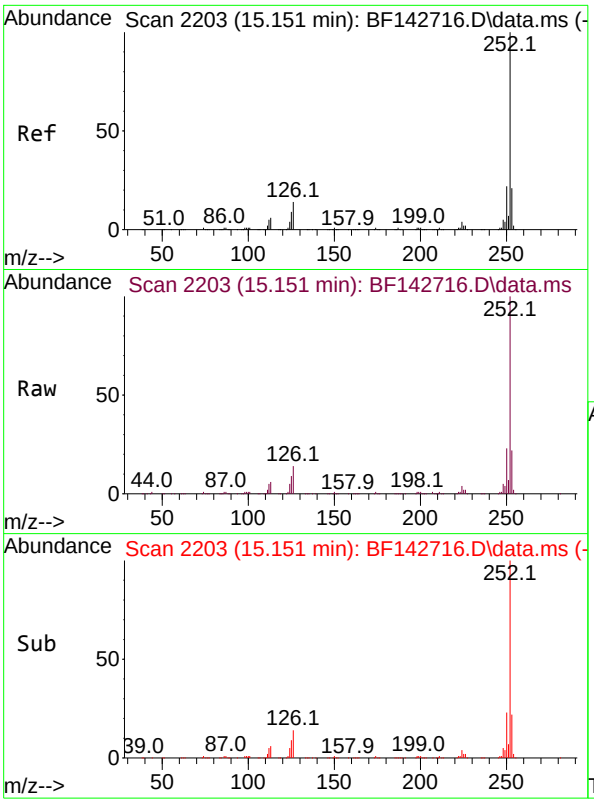


#88
Benzo(b)fluoranthene
Concen: 38.786 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



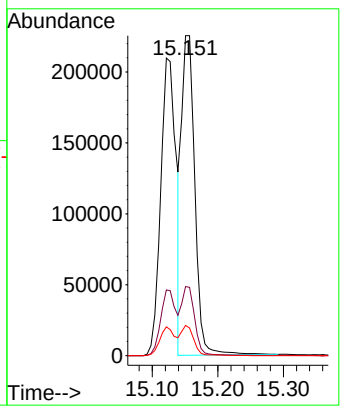


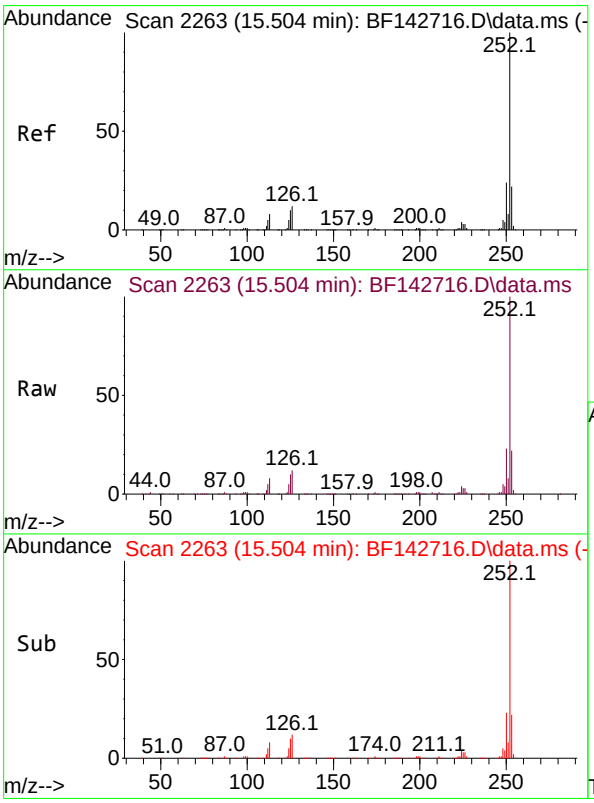
#89
Benzo(k)fluoranthene
Concen: 38.803 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

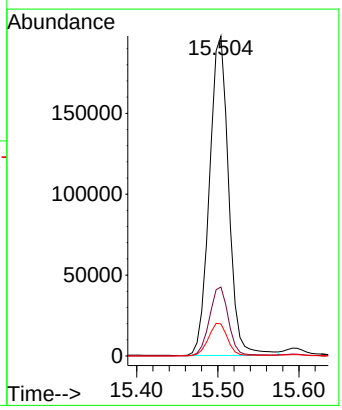


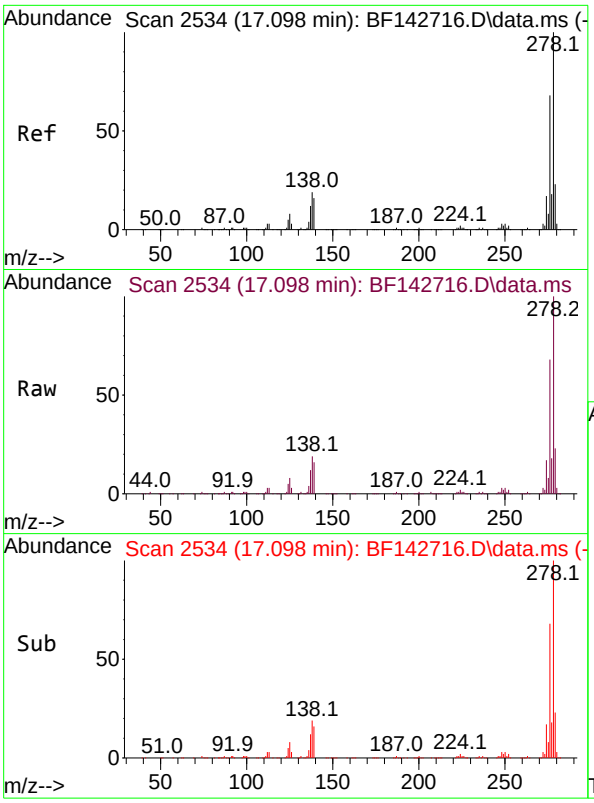


#90
Benzo(a)pyrene
Concen: 39.436 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



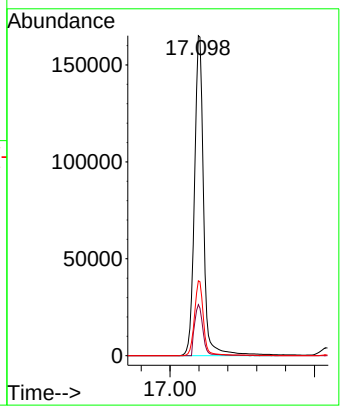


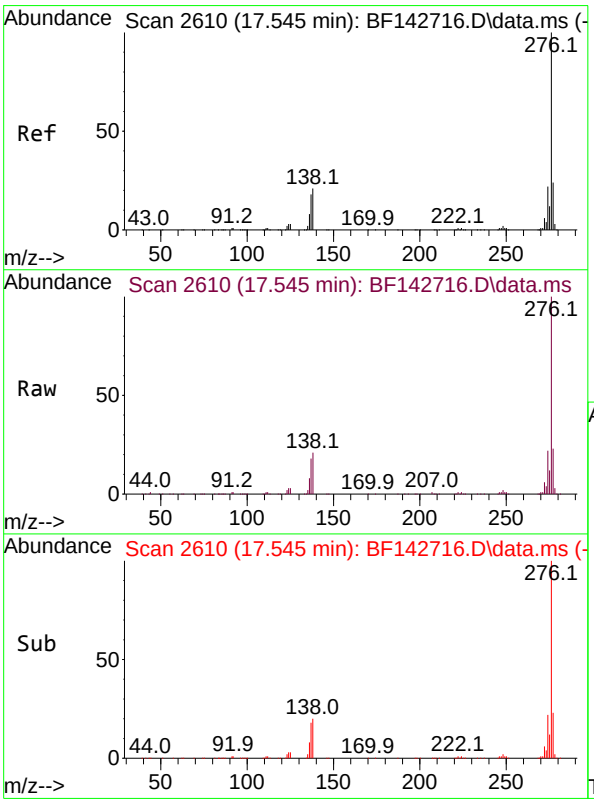
#91
Dibenzo(a,h)anthracene
Concen: 42.834 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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

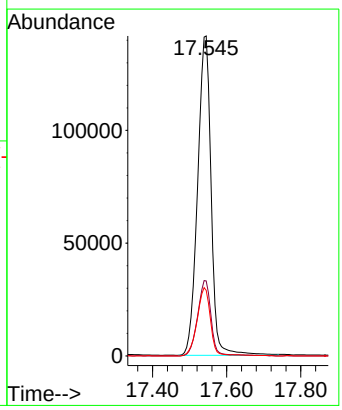




#92
Benzo(g,h,i)perylene
Concen: 40.909 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142716.D
Acq: 10 Jun 2025 18:52

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



ICAL Form

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

ICAL Form

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

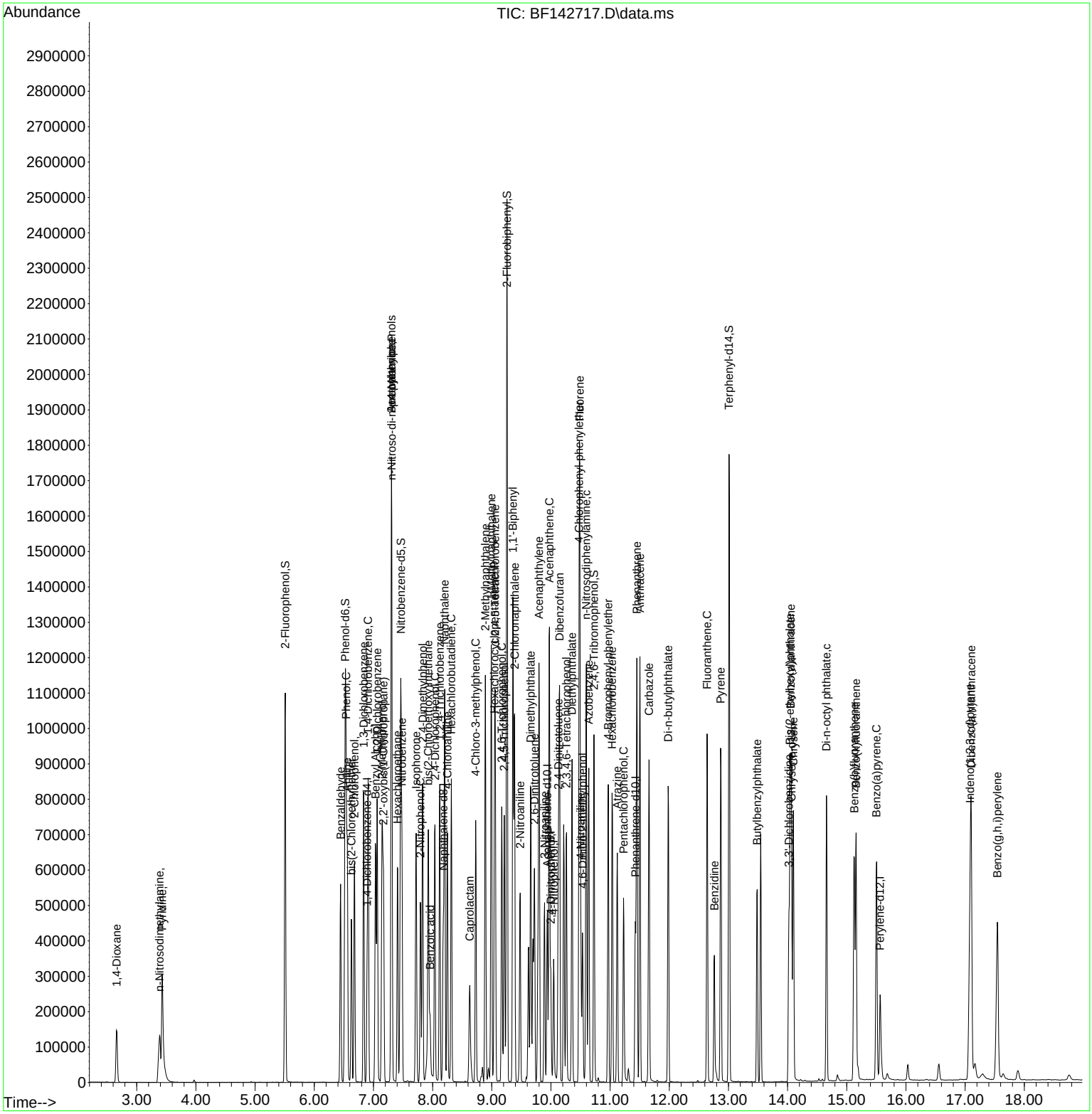
(#) = qualifier out of range (m) = manual integration (+) = signals summed

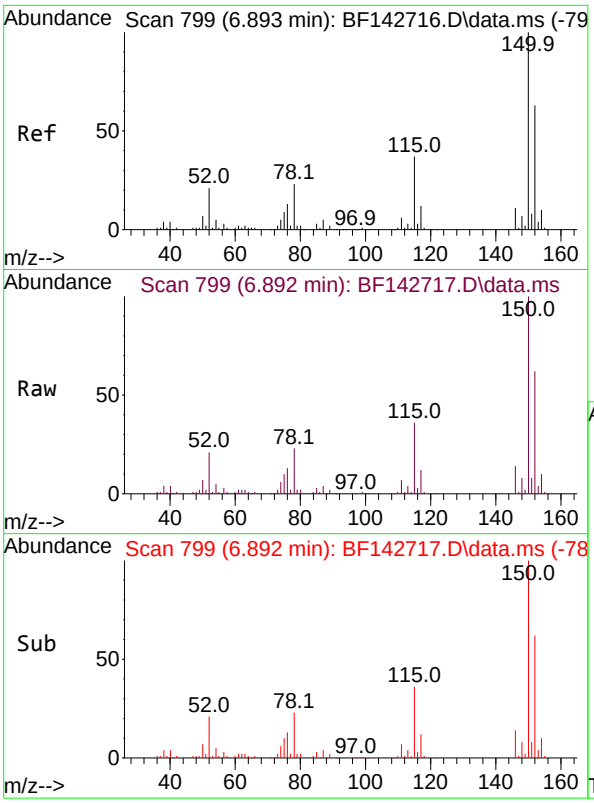
ICAL Form

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



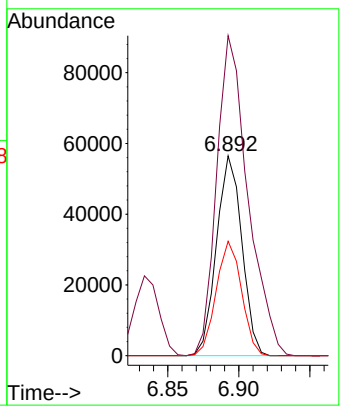


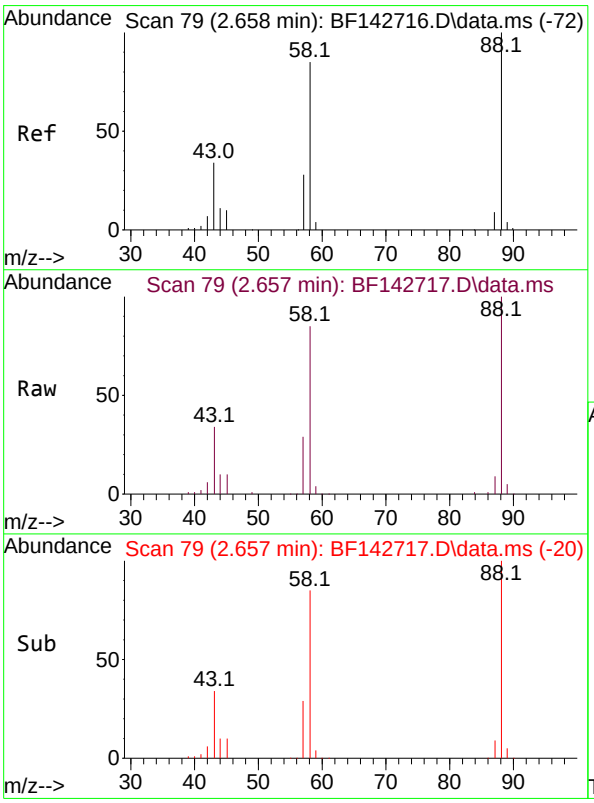
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

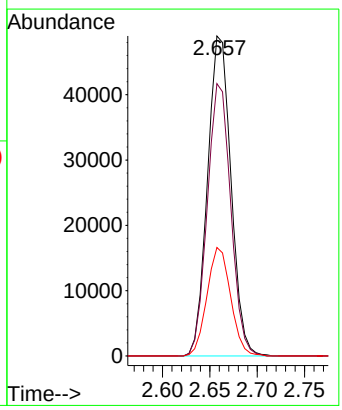


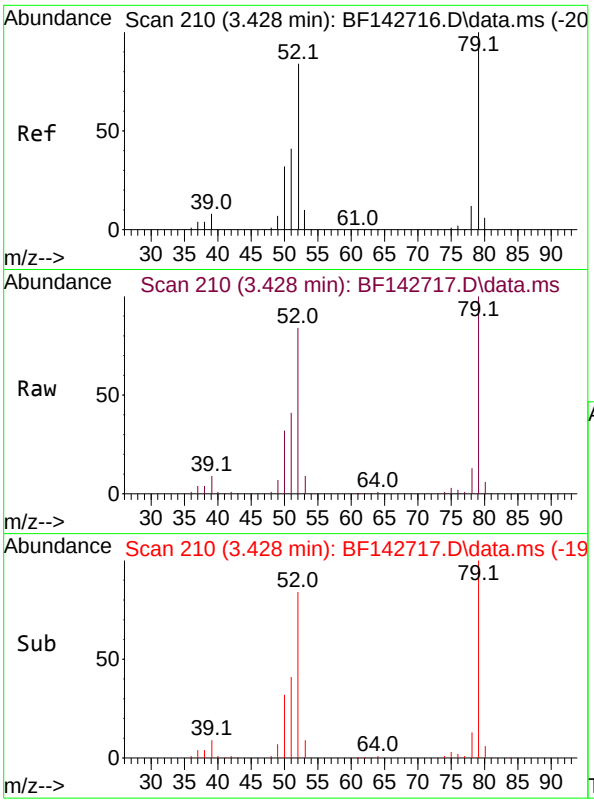


#2
1,4-Dioxane
Concen: 53.229 ng
RT: 2.657 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



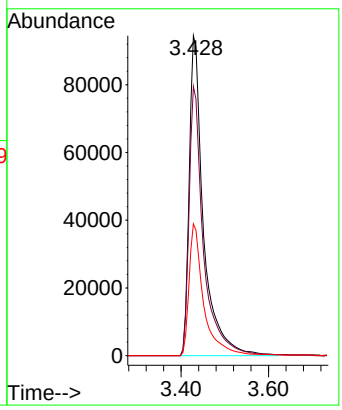


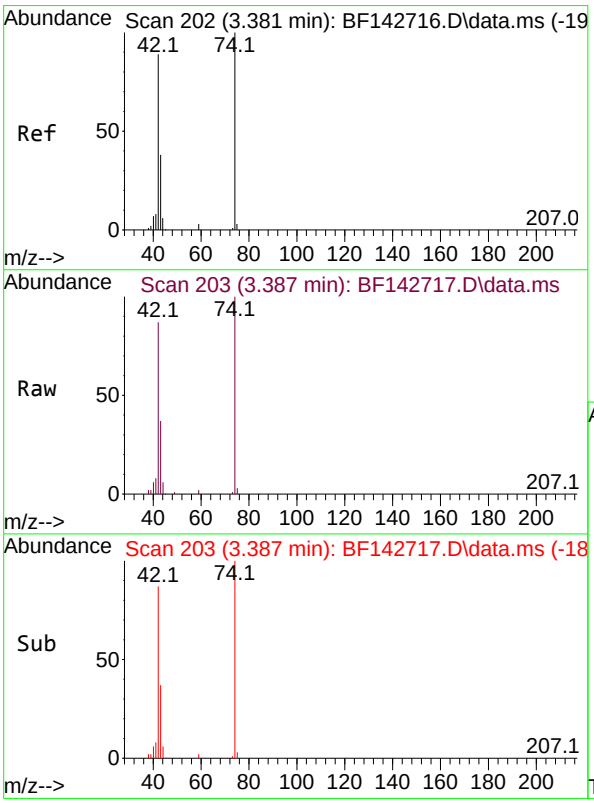
#3
Pyridine
Concen: 52.500 ng
RT: 3.428 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

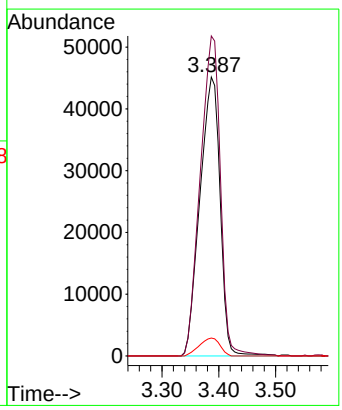


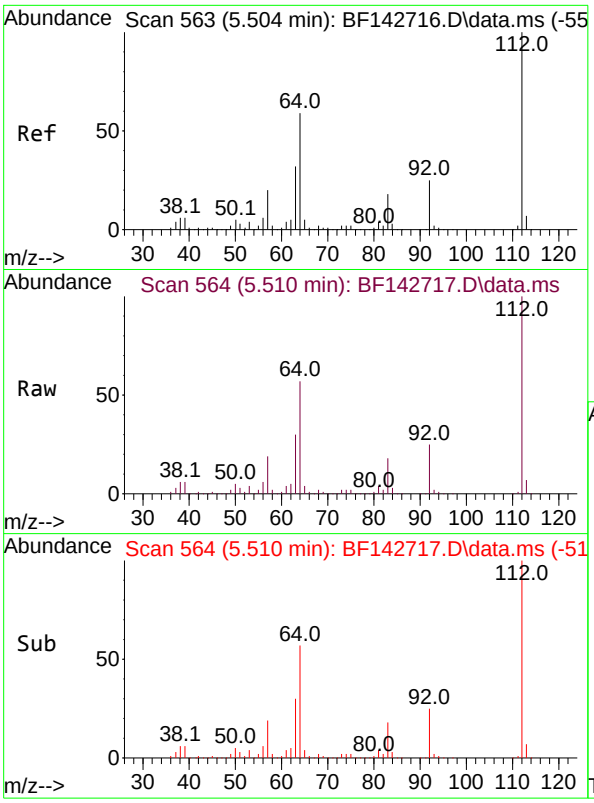


#4
n-Nitrosodimethylamine
Concen: 55.352 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



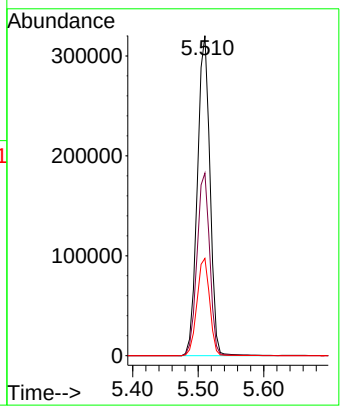


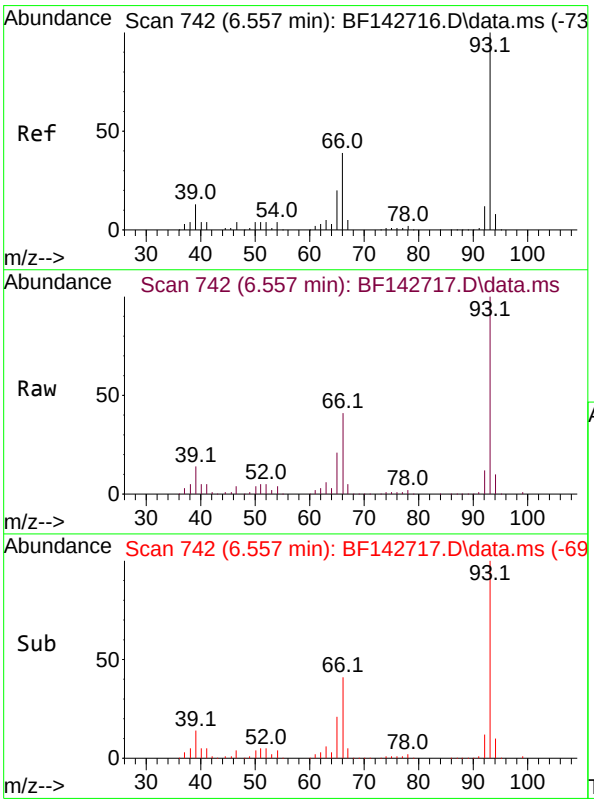
#5
2-Fluorophenol
Concen: 103.387 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

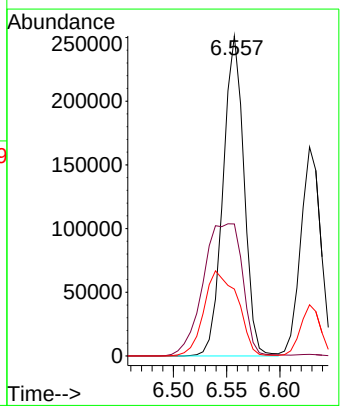


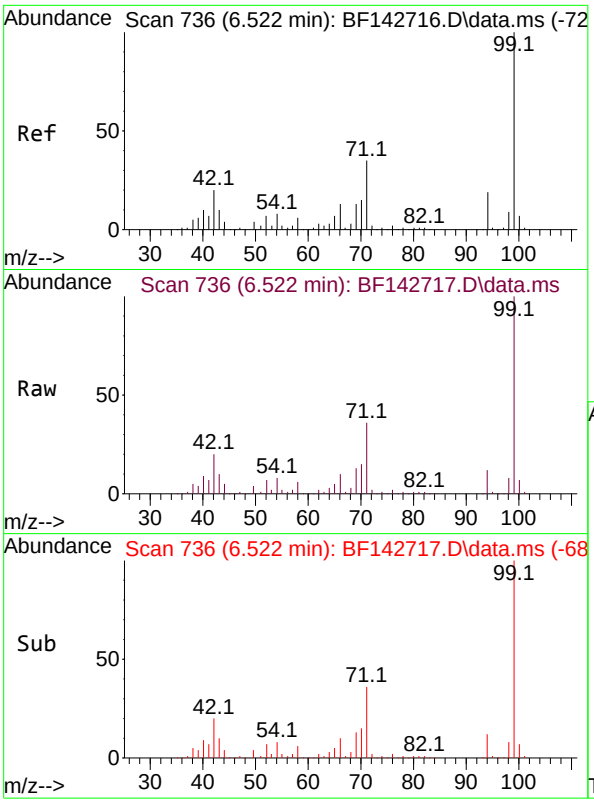


#6
Aniline
Concen: 52.727 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



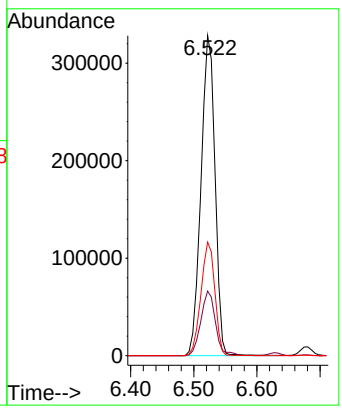


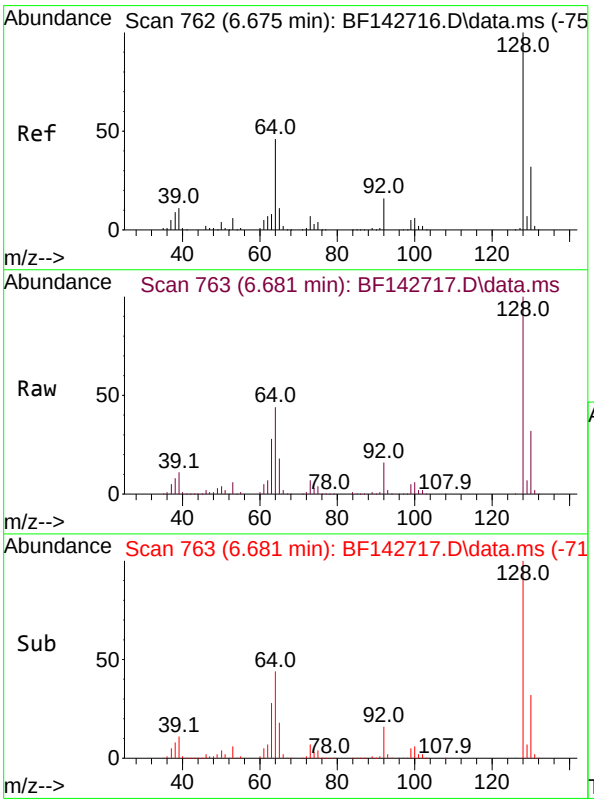
#7
Phenol-d6
Concen: 104.788 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

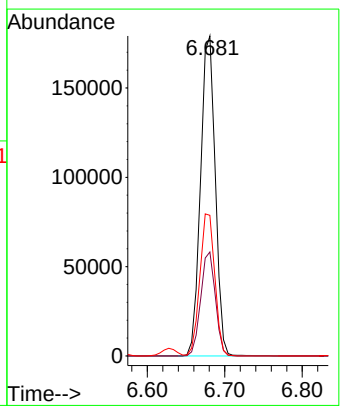


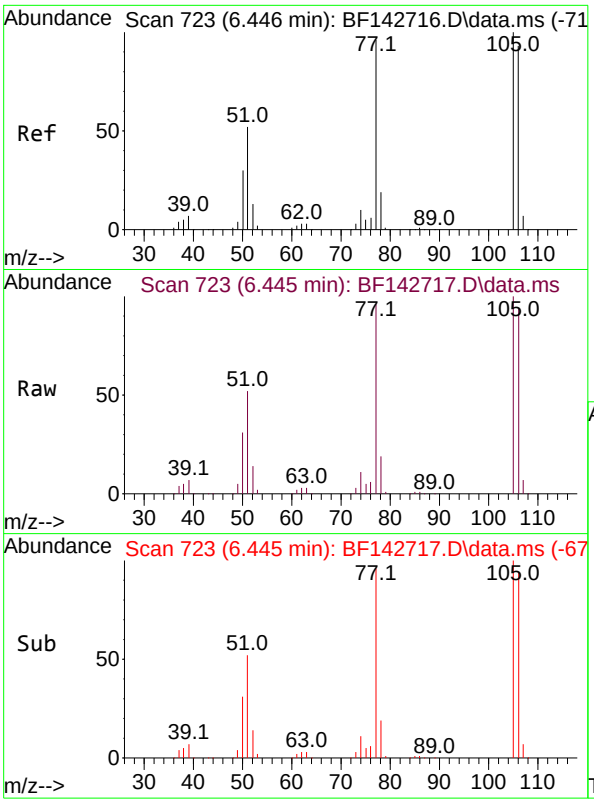


#8
2-Chlorophenol
Concen: 52.198 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



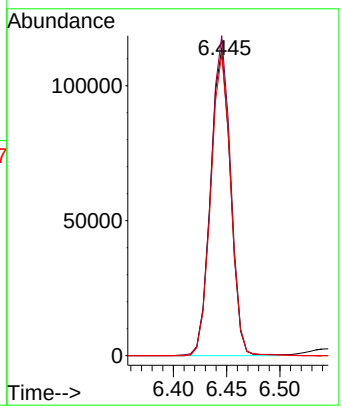


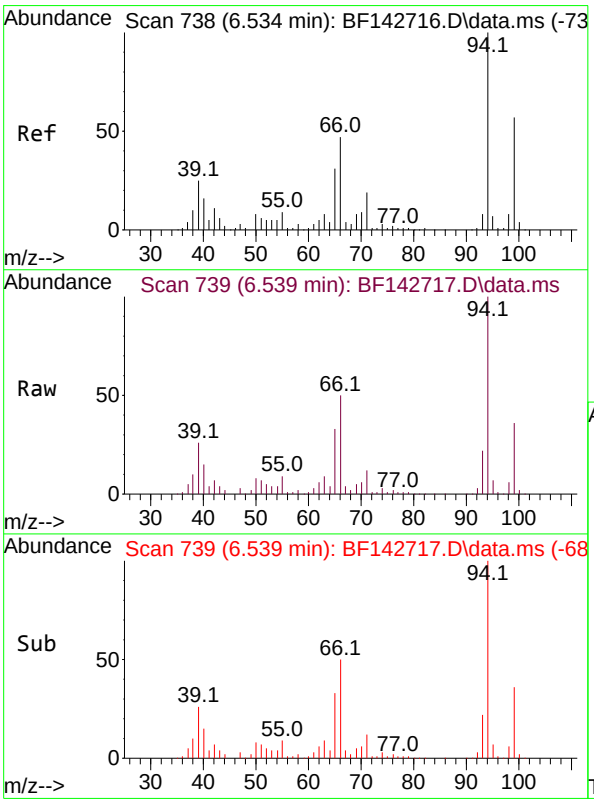
#9
Benzaldehyde
Concen: 53.670 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

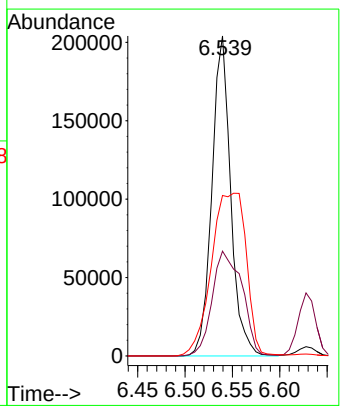


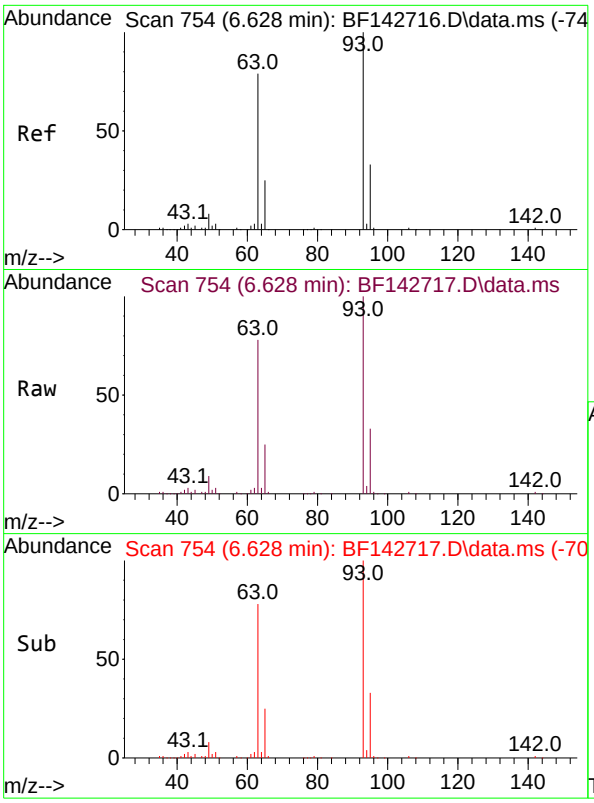


#10
Phenol
Concen: 52.138 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



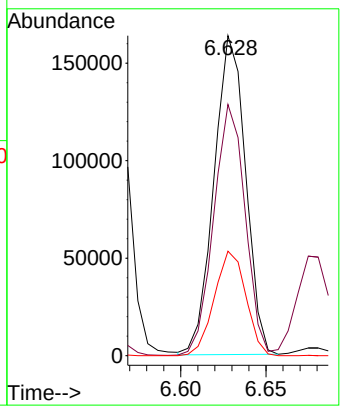


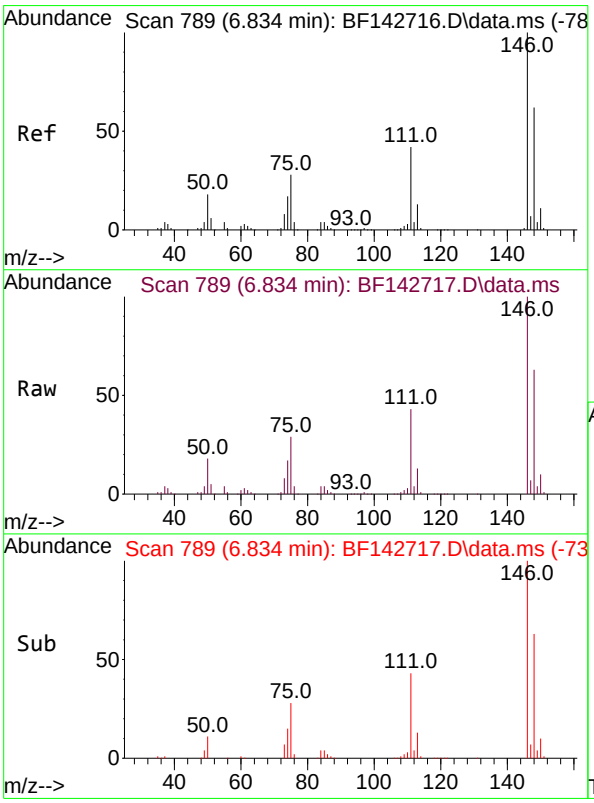
#11
bis(2-Chloroethyl)ether
Concen: 53.225 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

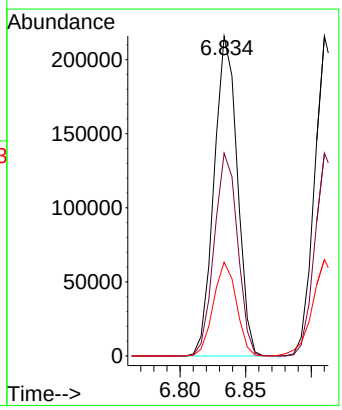


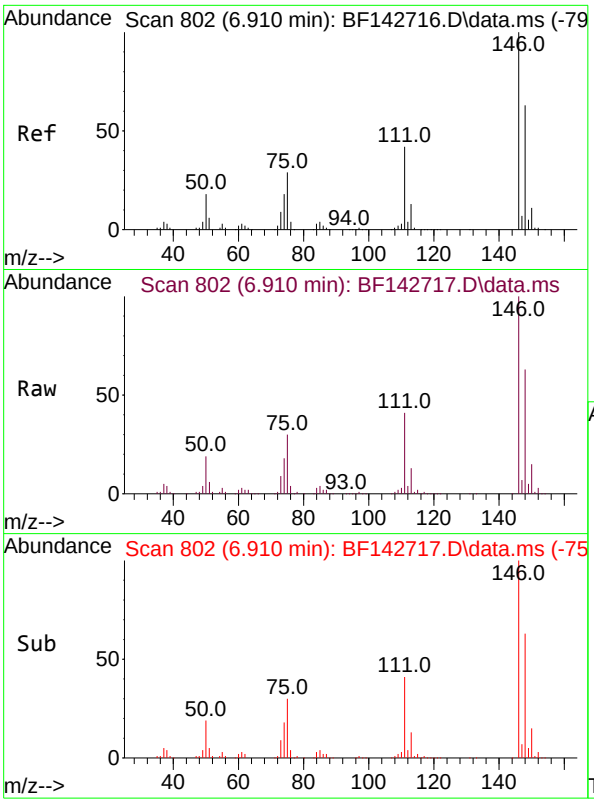


#12
1,3-Dichlorobenzene
Concen: 52.365 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



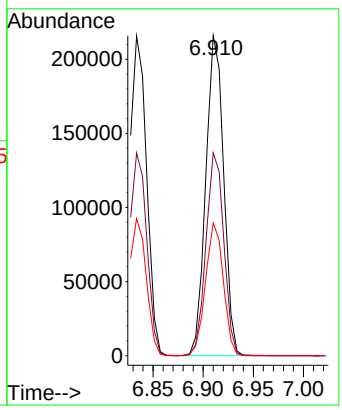


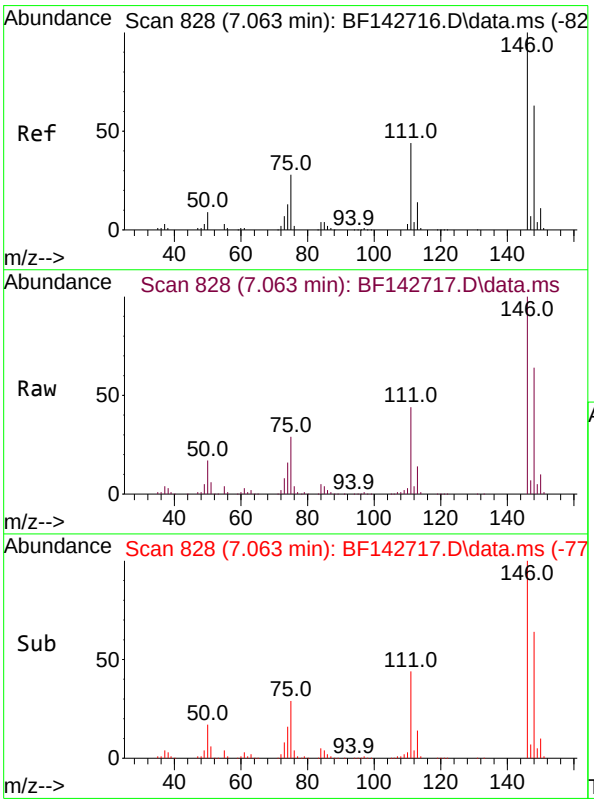
#13
1,4-Dichlorobenzene
Concen: 51.911 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

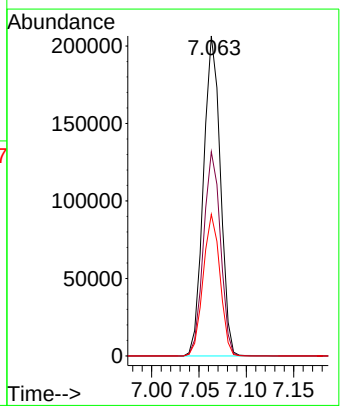


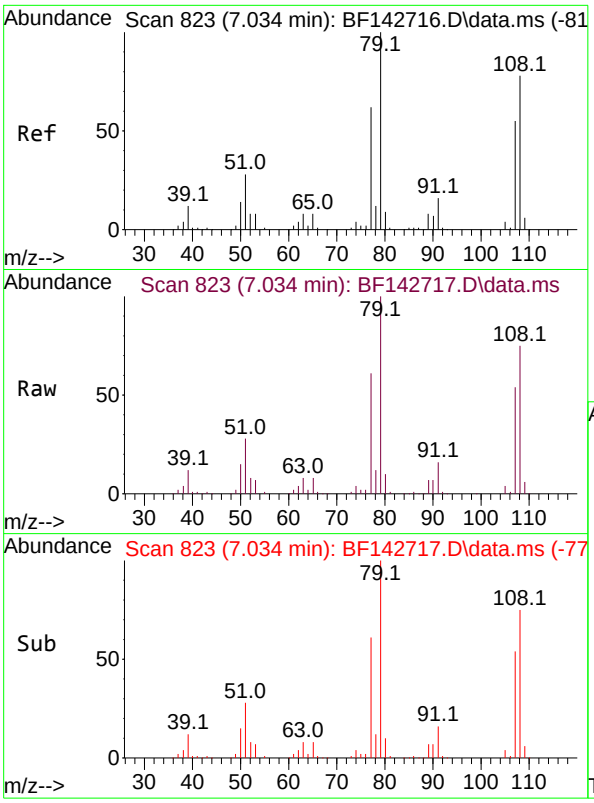


#14
1,2-Dichlorobenzene
Concen: 51.905 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



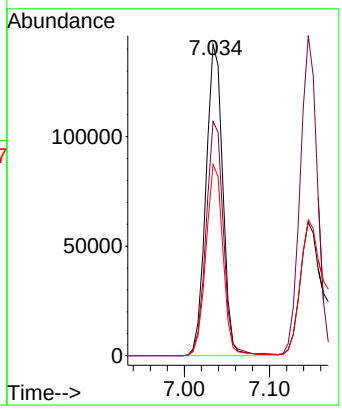


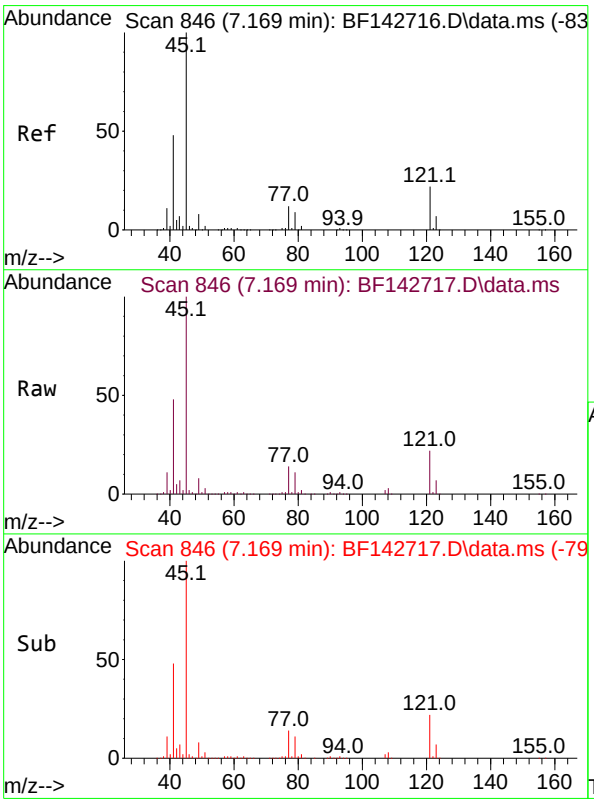
#15
Benzyl Alcohol
Concen: 55.034 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

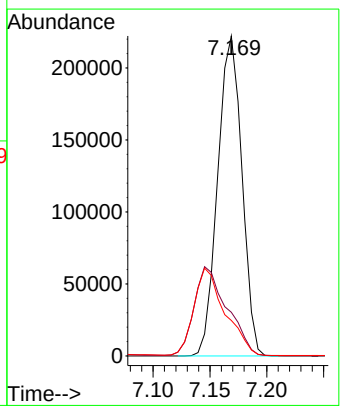


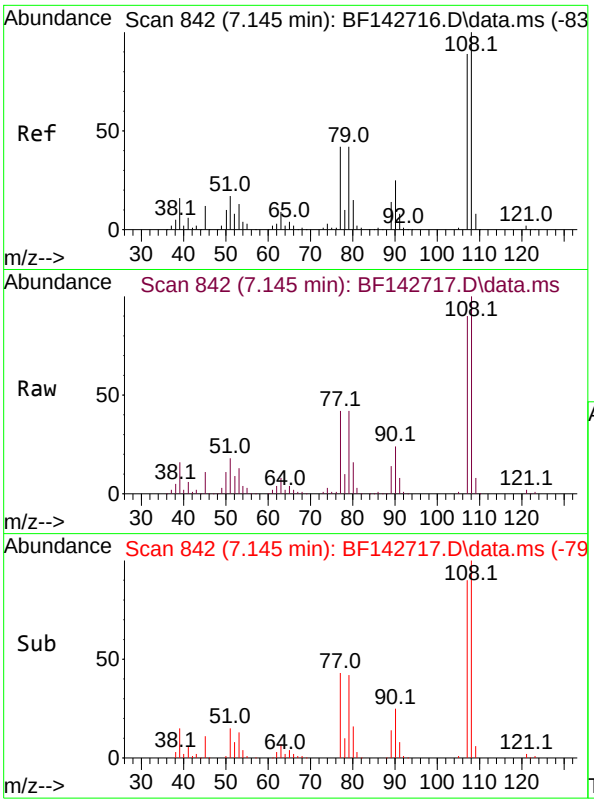


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.302 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



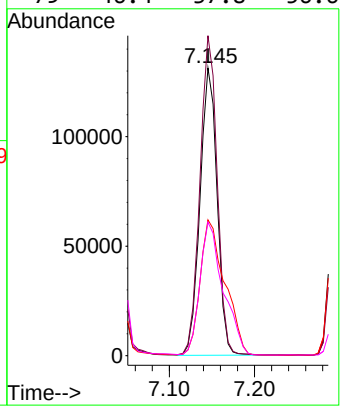


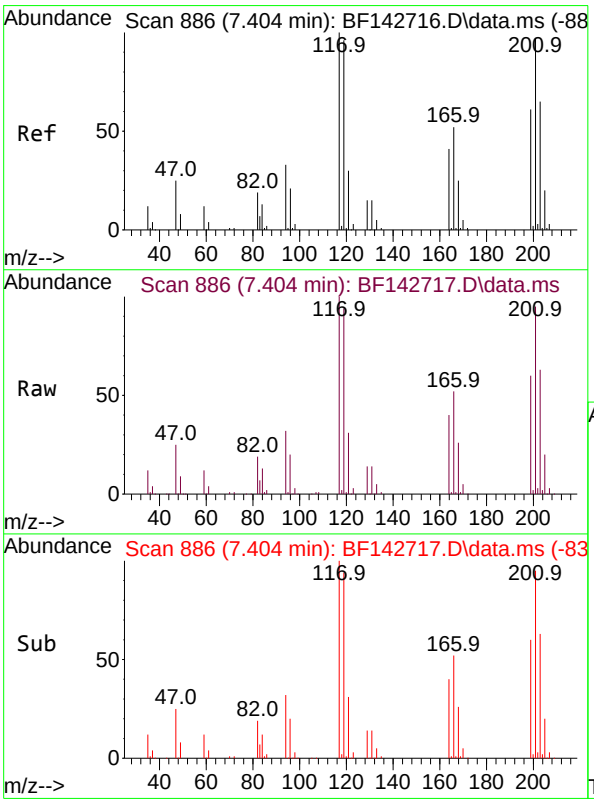
#17
2-Methylphenol
Concen: 52.940 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

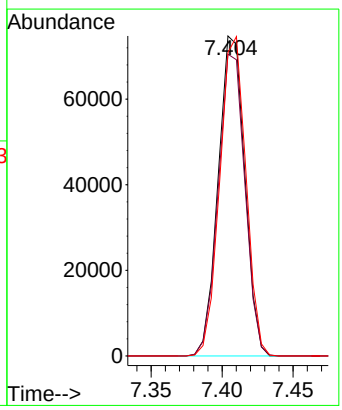


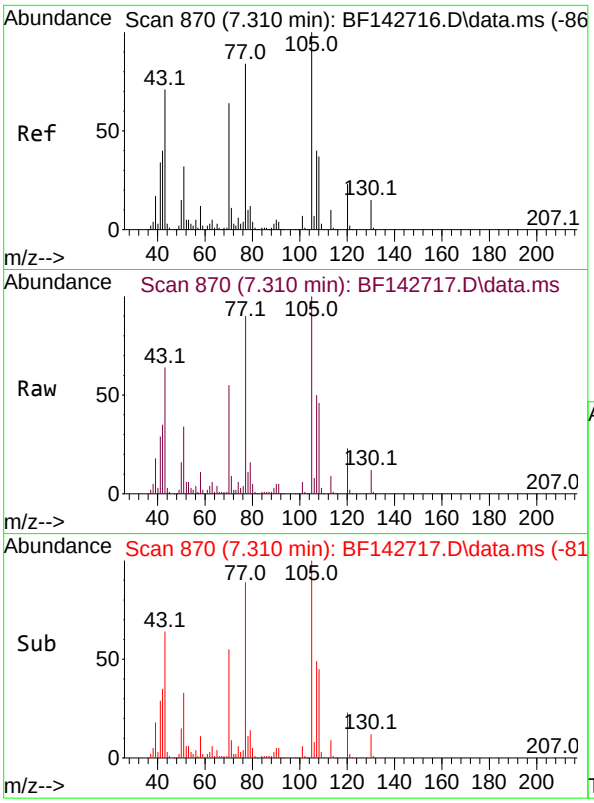


#18
Hexachloroethane
Concen: 54.117 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



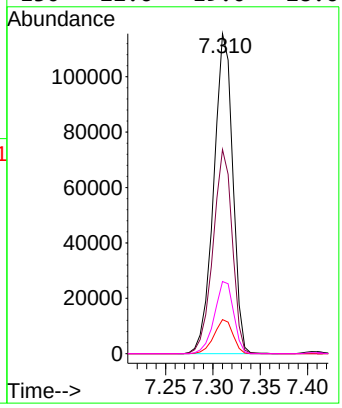


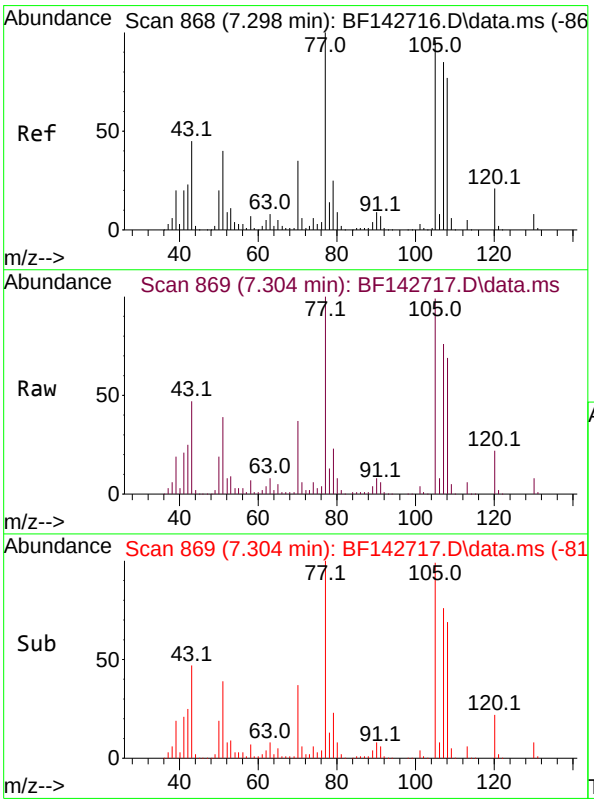
#19
n-Nitroso-di-n-propylamine
Concen: 56.389 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

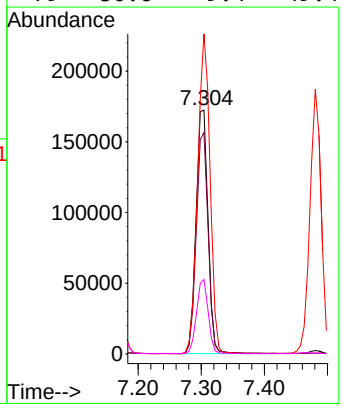


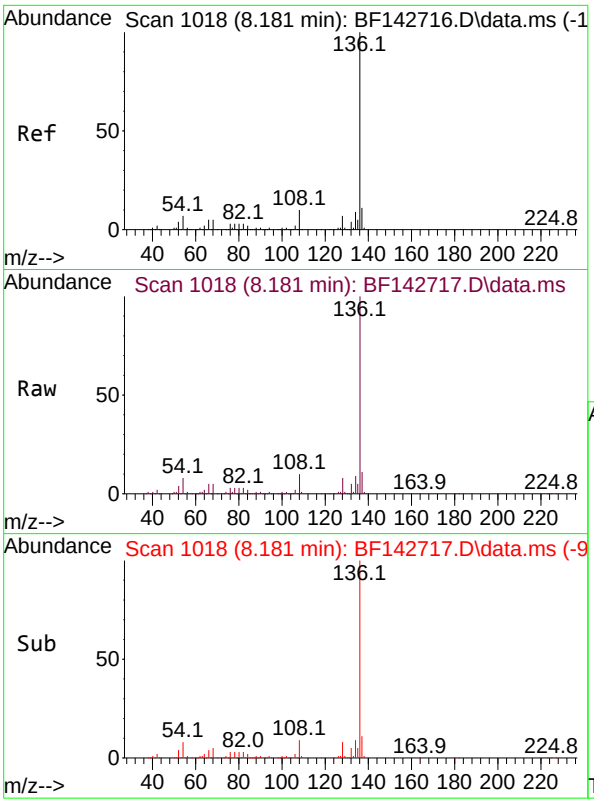


#20
3+4-Methylphenols
Concen: 53.356 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



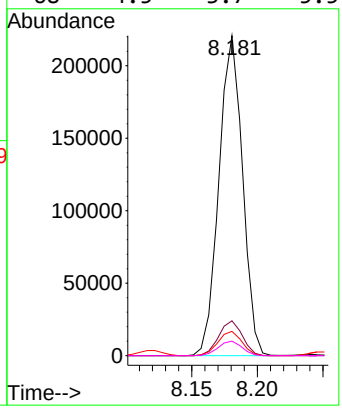


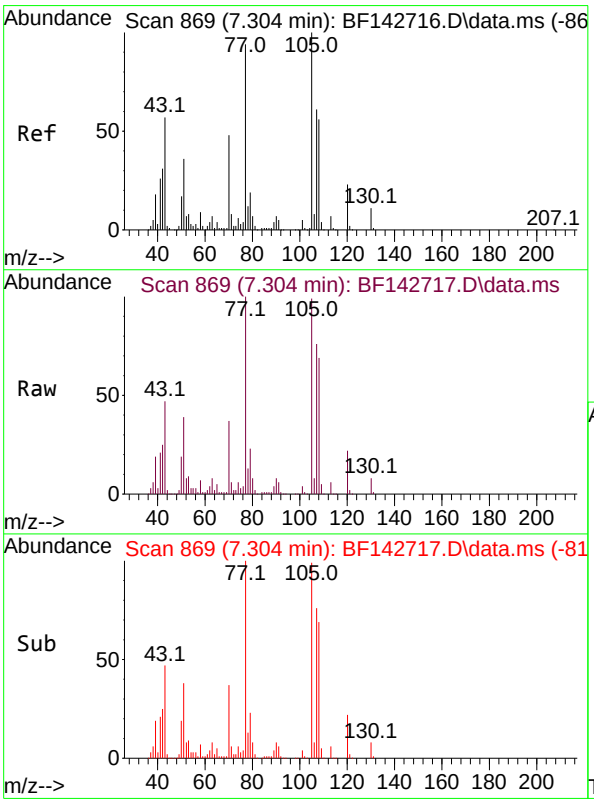
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

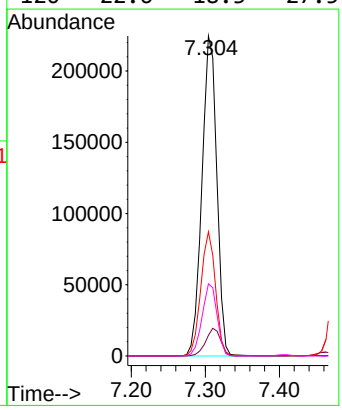


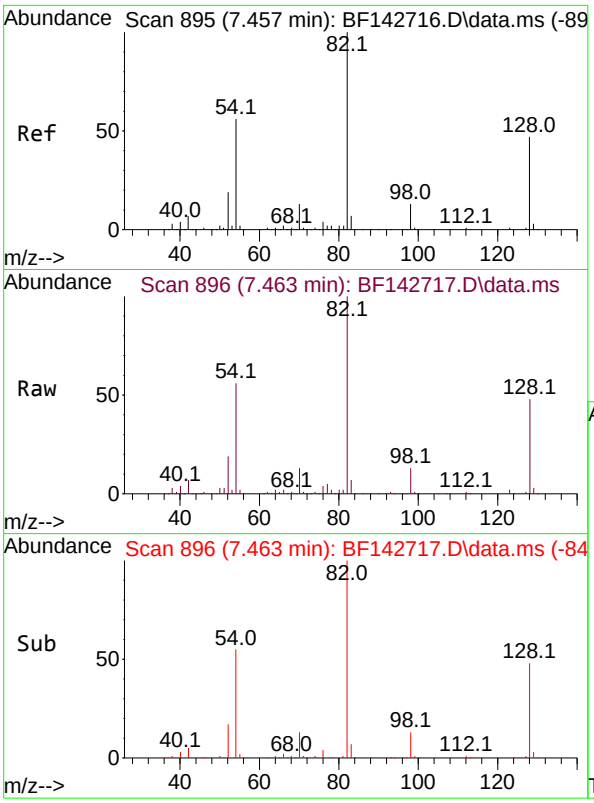


#22
Acetophenone
Concen: 51.914 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



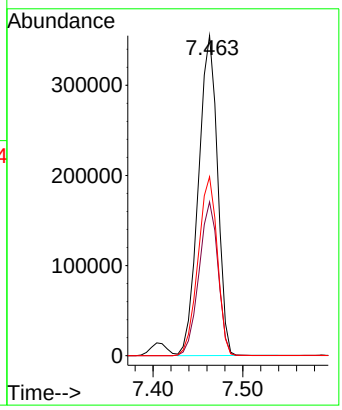


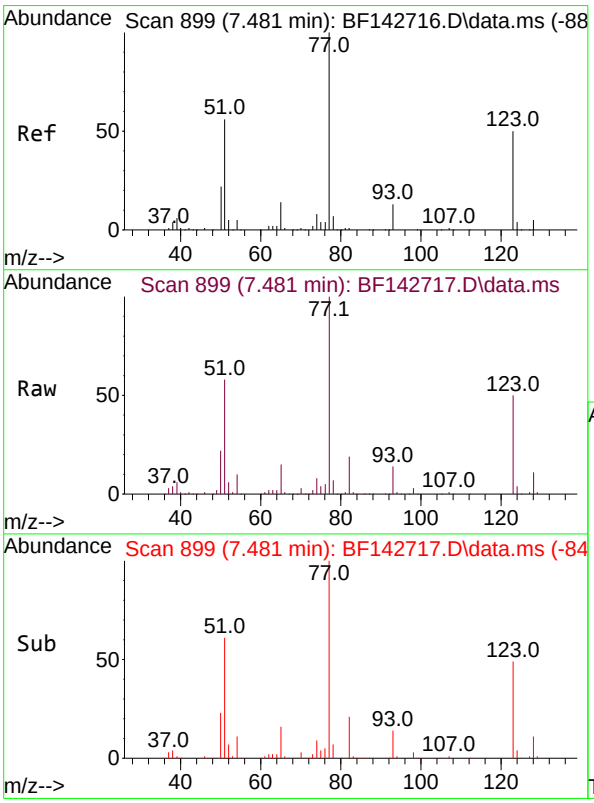
#23
Nitrobenzene-d5
Concen: 103.640 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

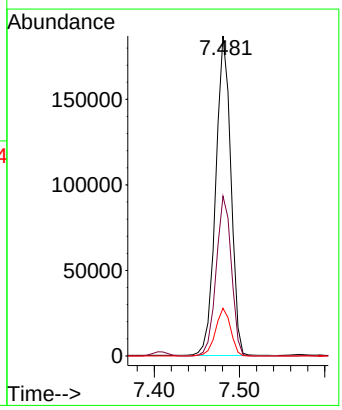


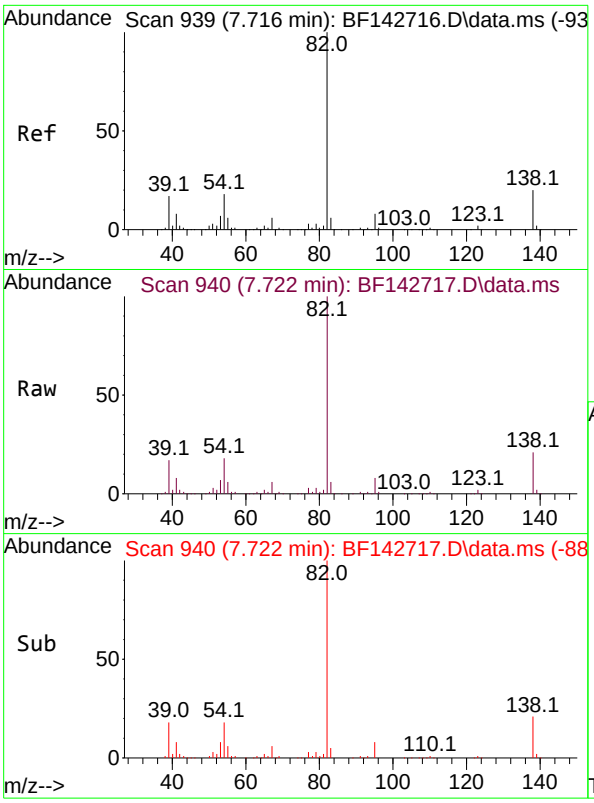


#24
Nitrobenzene
Concen: 51.017 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



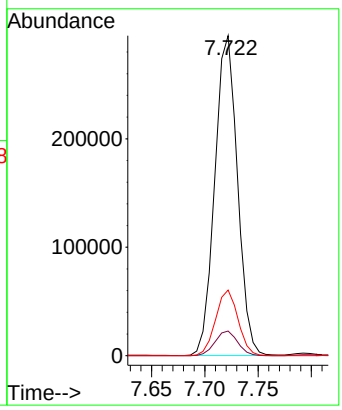


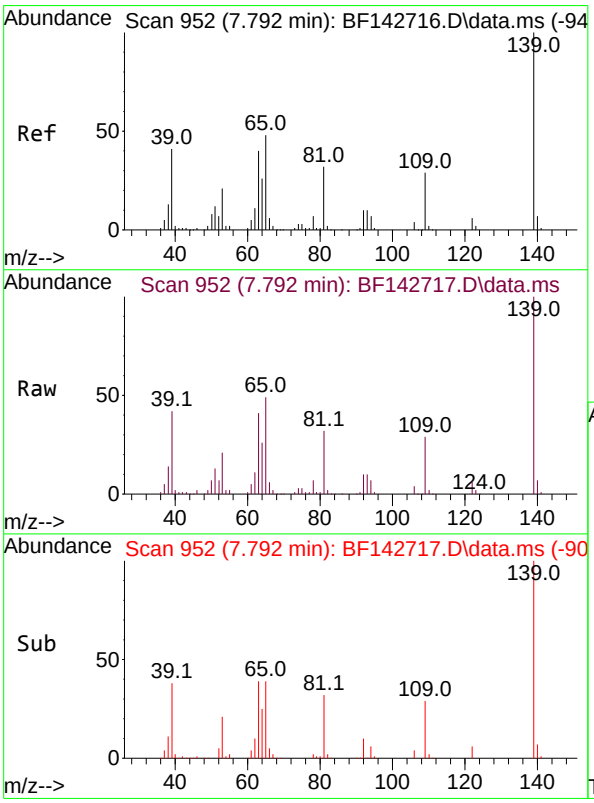
#25
Isophorone
Concen: 52.832 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

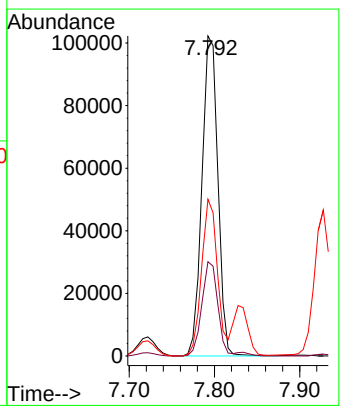


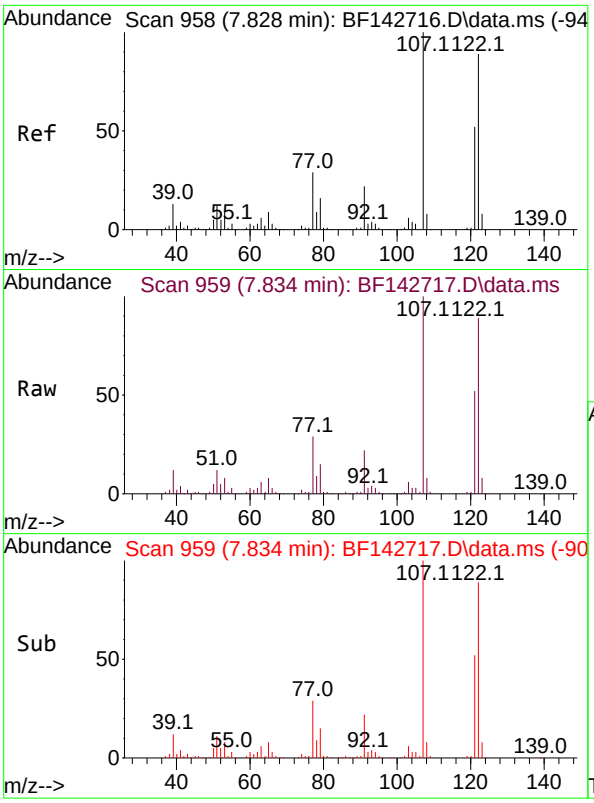


#26
2-Nitrophenol
Concen: 53.183 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



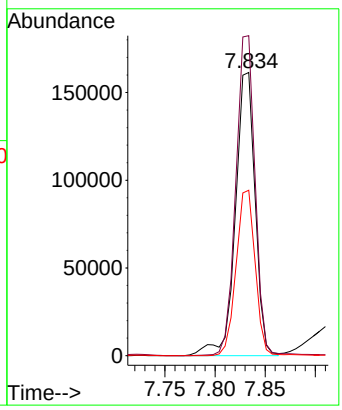


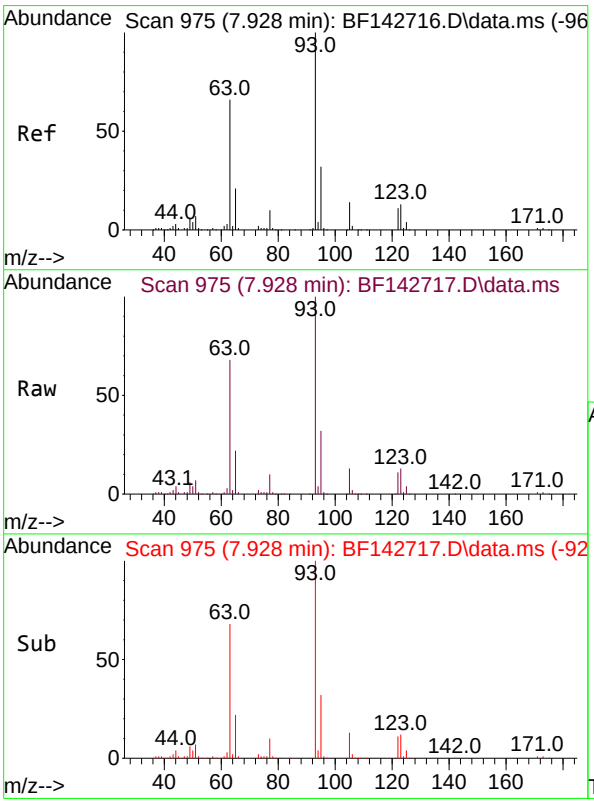
#27
2,4-Dimethylphenol
Concen: 52.069 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

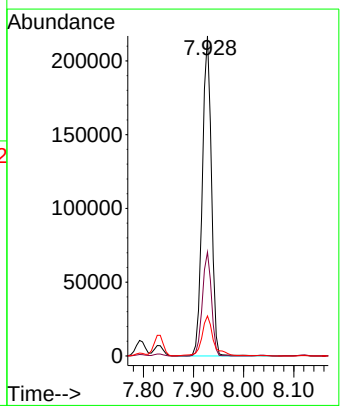


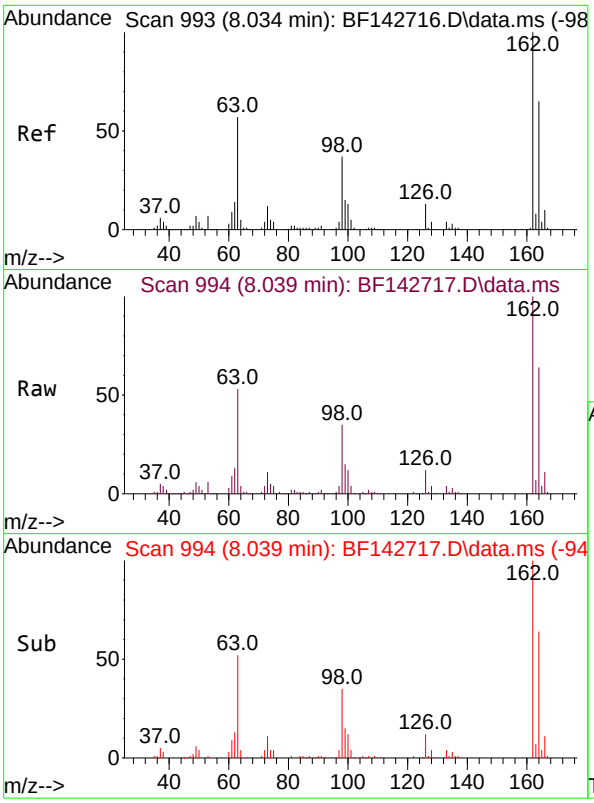


#28
bis(2-Chloroethoxy)methane
Concen: 53.510 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



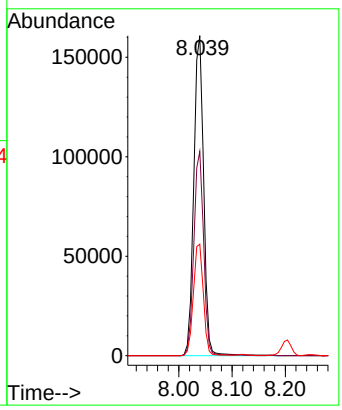


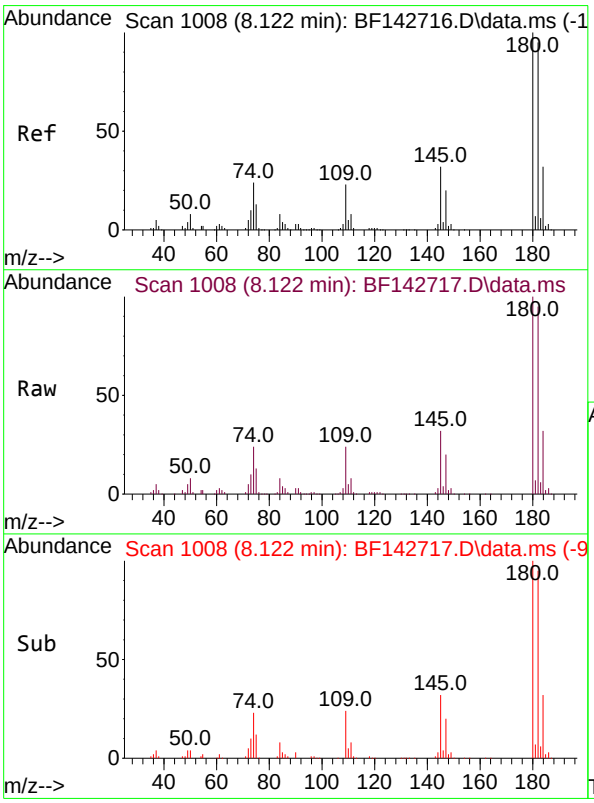
#29
2,4-Dichlorophenol
Concen: 53.581 ng
RT: 8.039 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

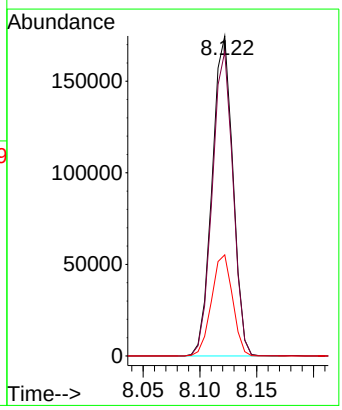


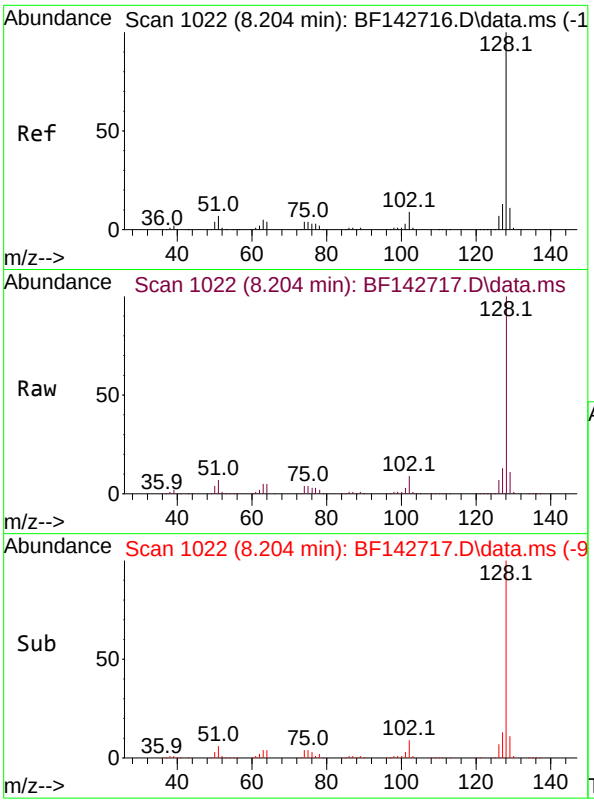


#30
1,2,4-Trichlorobenzene
Concen: 52.081 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



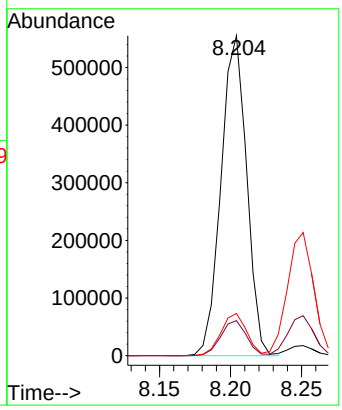


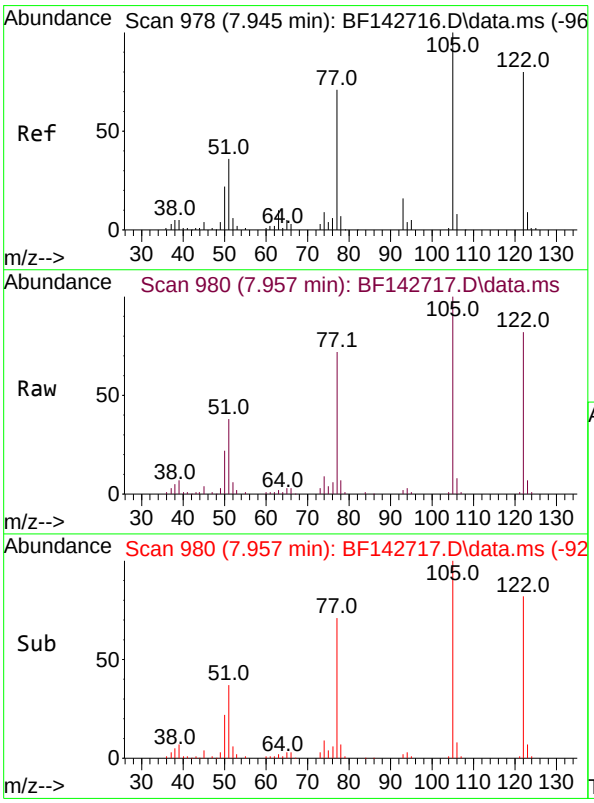
#31
Naphthalene
Concen: 51.130 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

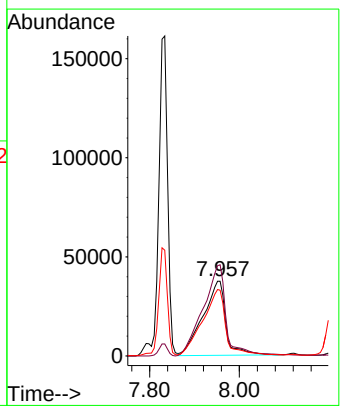


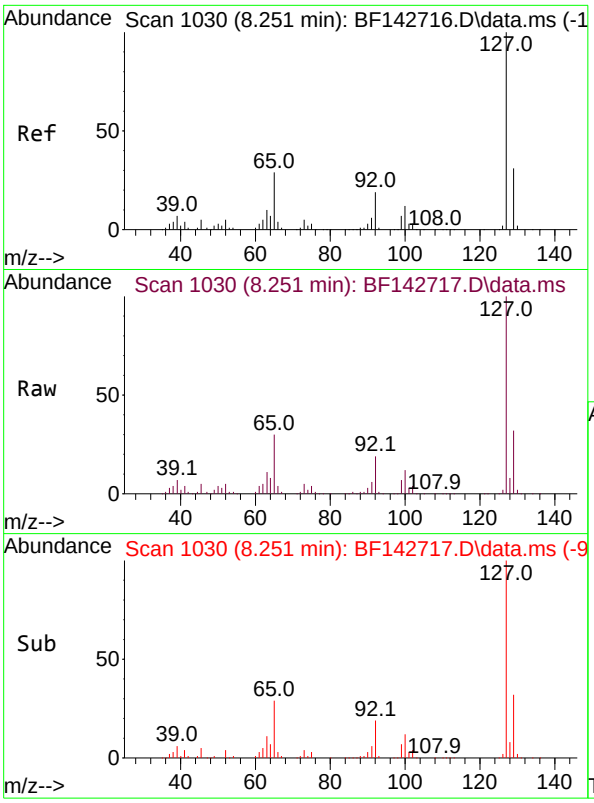


#32
Benzoic acid
Concen: 52.040 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



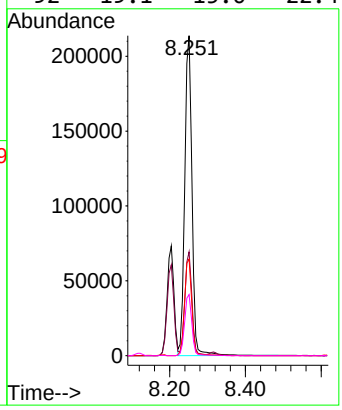


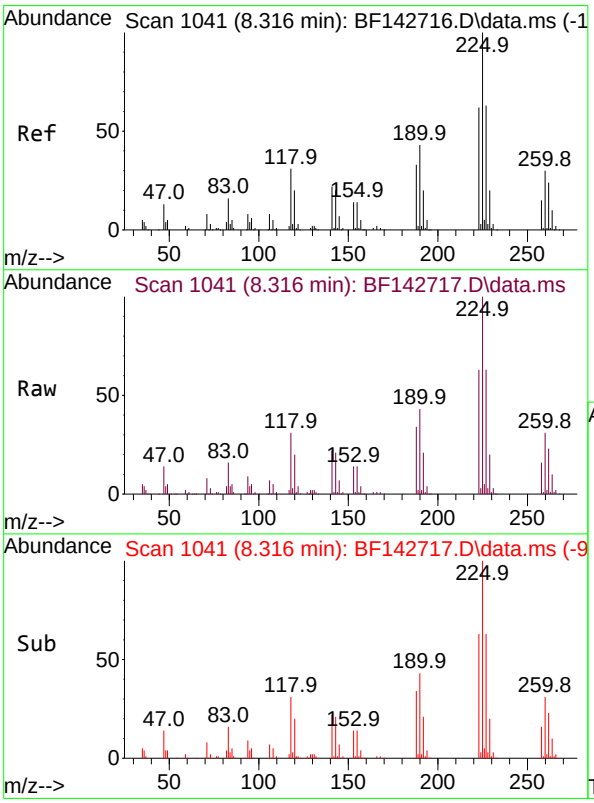
#33
4-Chloroaniline
Concen: 50.415 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

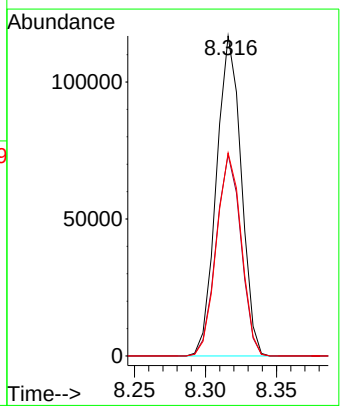


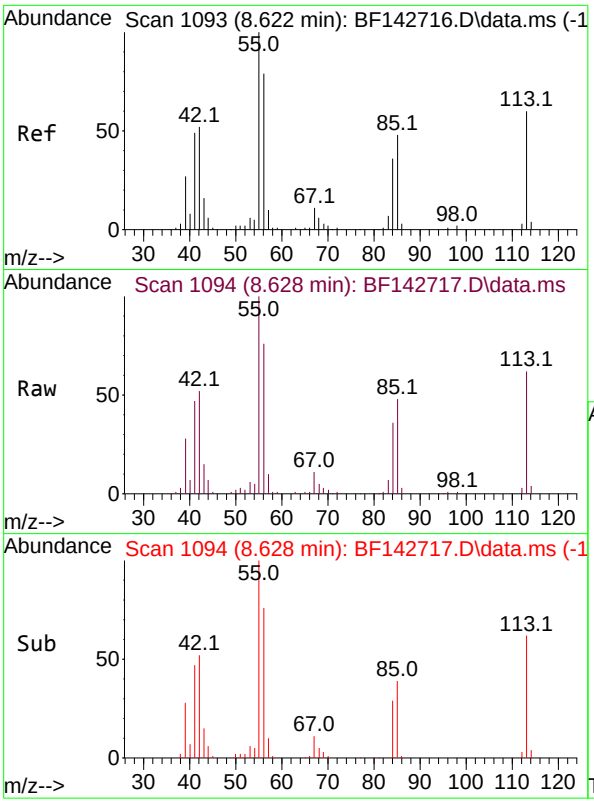


#34
Hexachlorobutadiene
Concen: 53.536 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



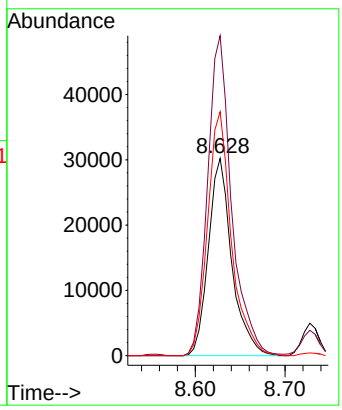


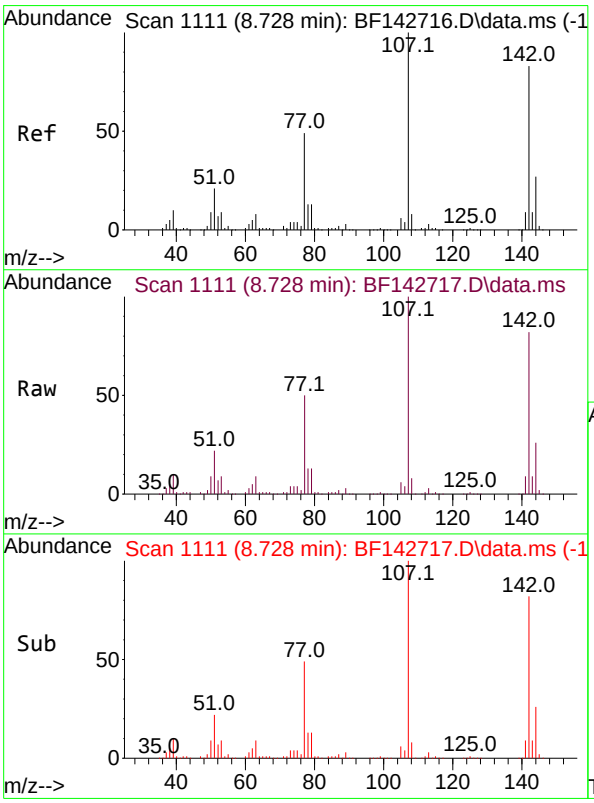
#35
Caprolactam
Concen: 46.651 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

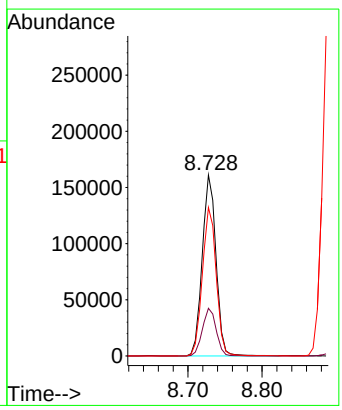


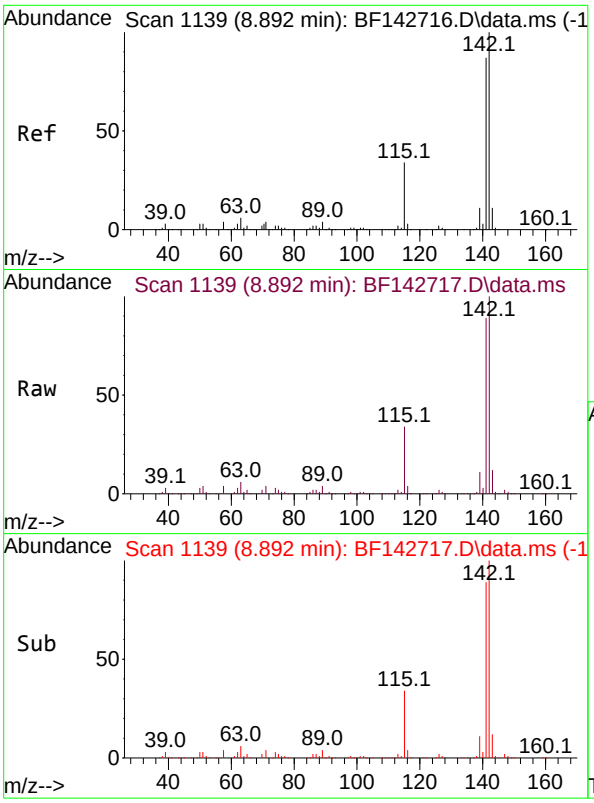


#36
4-Chloro-3-methylphenol
Concen: 51.181 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



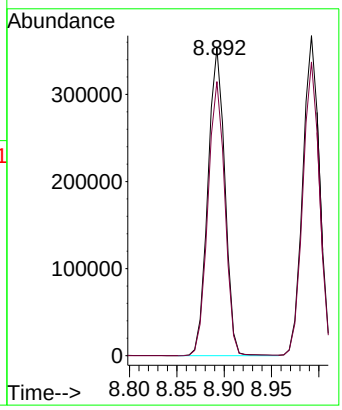


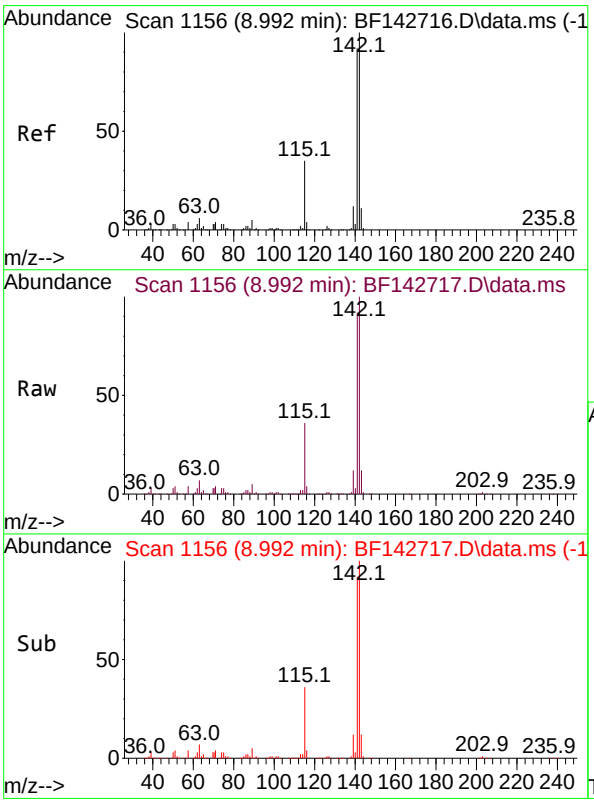
#37
2-Methylnaphthalene
Concen: 50.665 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 439901

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.9	104.9

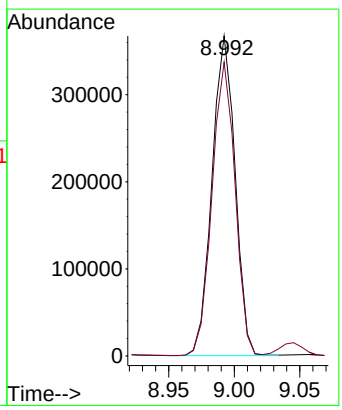


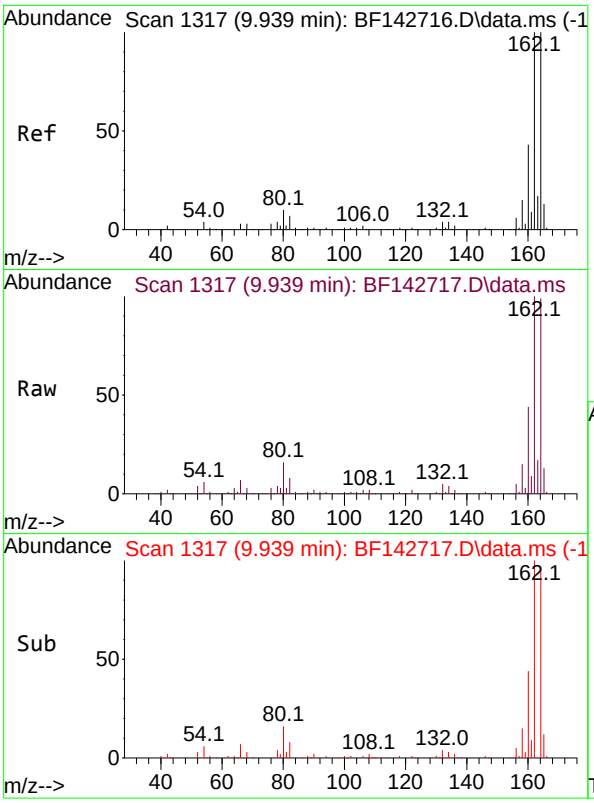


#38
1-Methylnaphthalene
Concen: 50.219 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

Tgt Ion:142 Resp: 449504

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.5	110.3



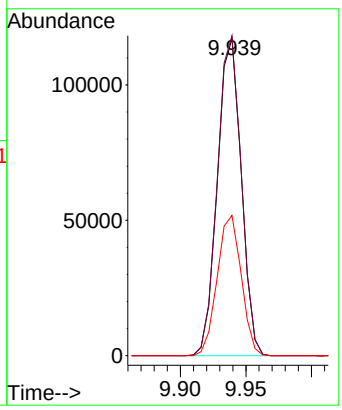


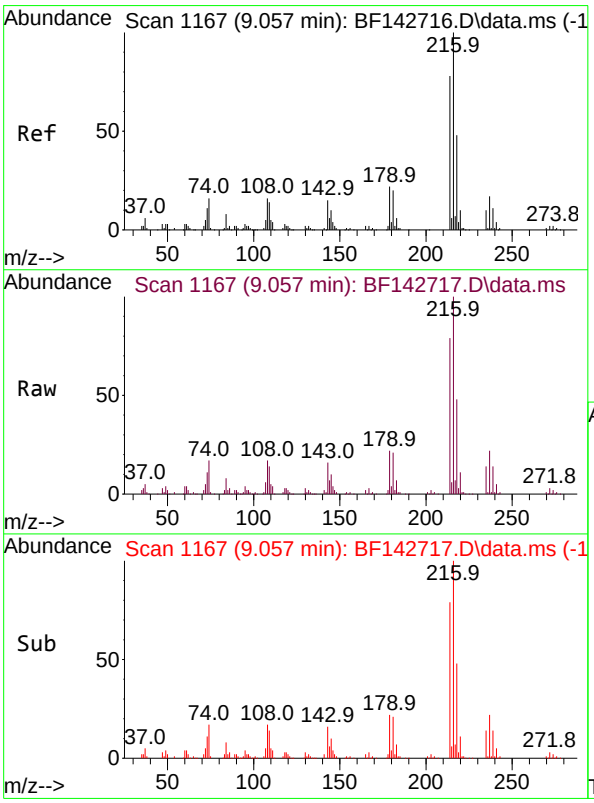
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

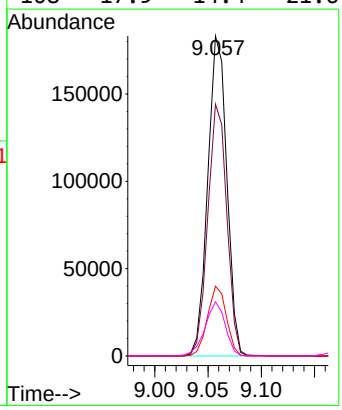


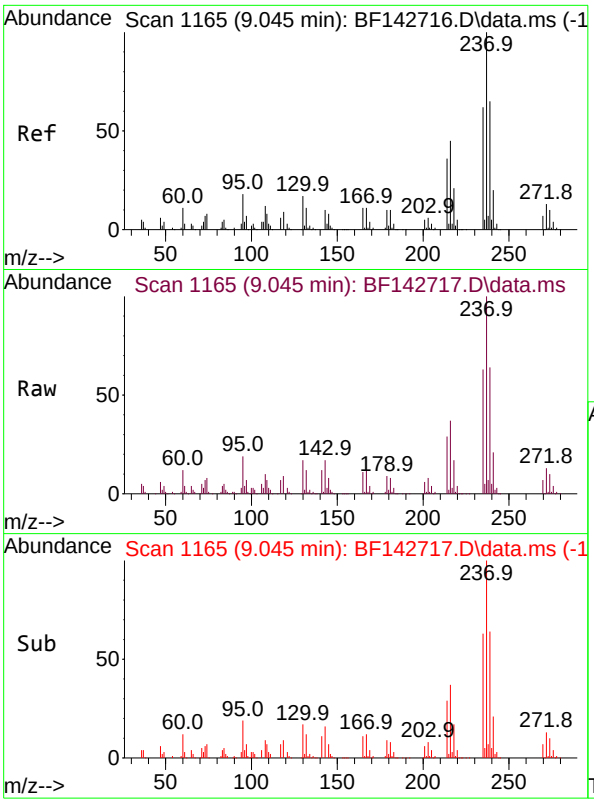


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.148 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



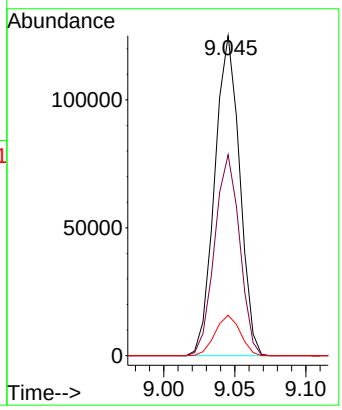


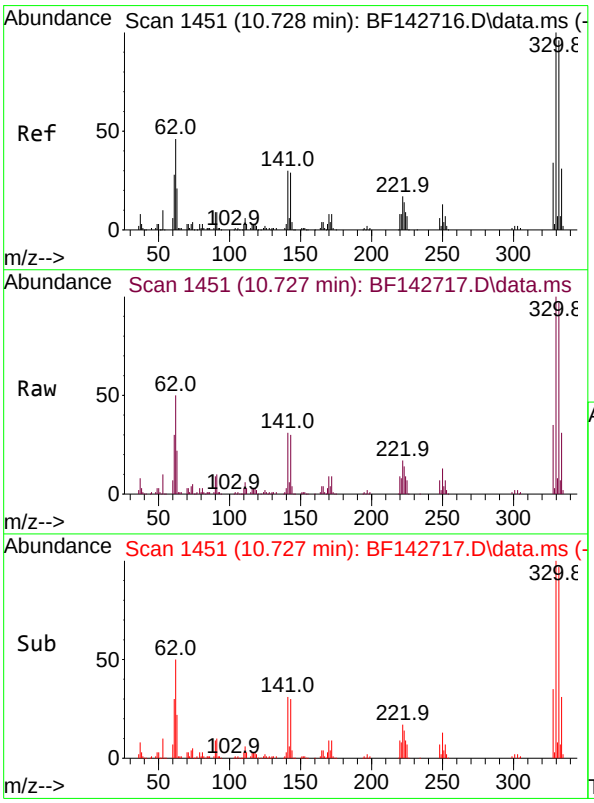
#41
Hexachlorocyclopentadiene
Concen: 59.599 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

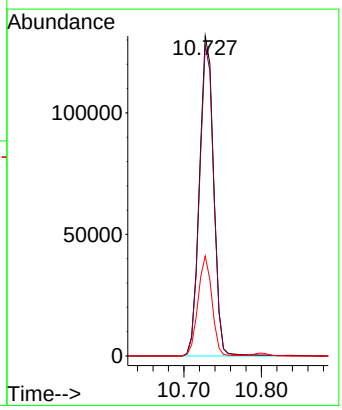


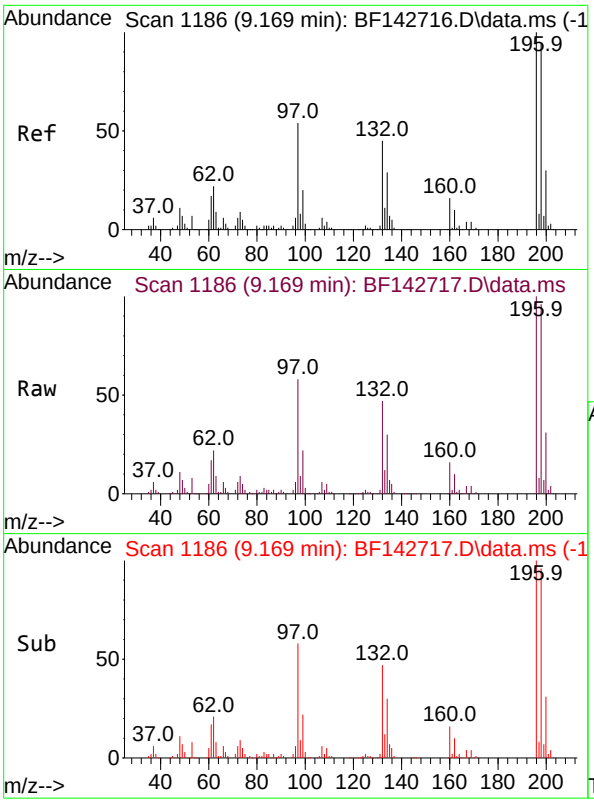


#42
2,4,6-Tribromophenol
Concen: 101.066 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



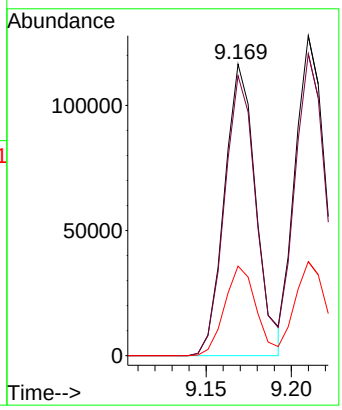


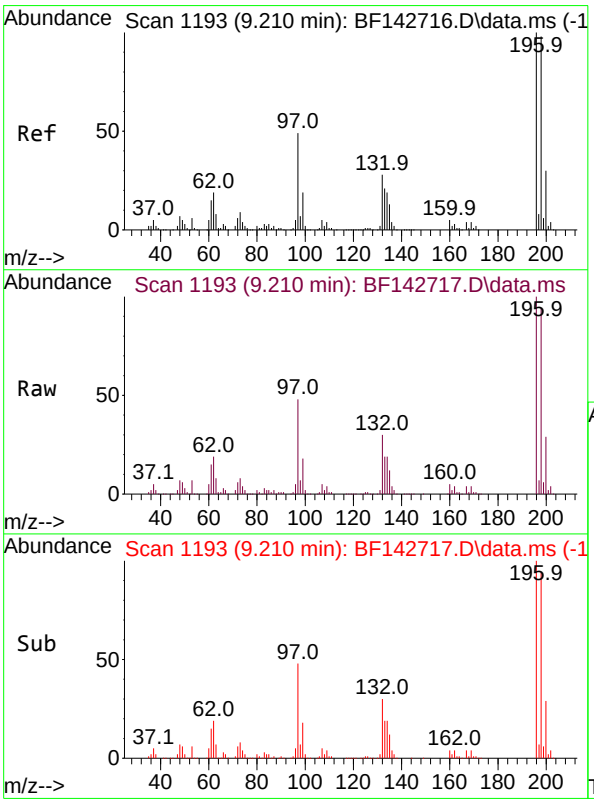
#43
2,4,6-Trichlorophenol
Concen: 53.339 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

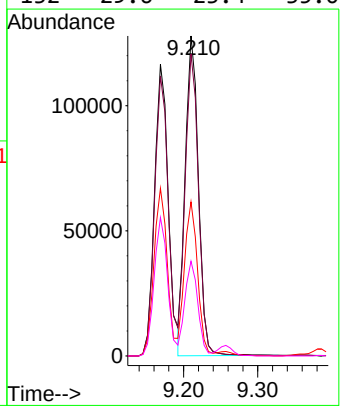


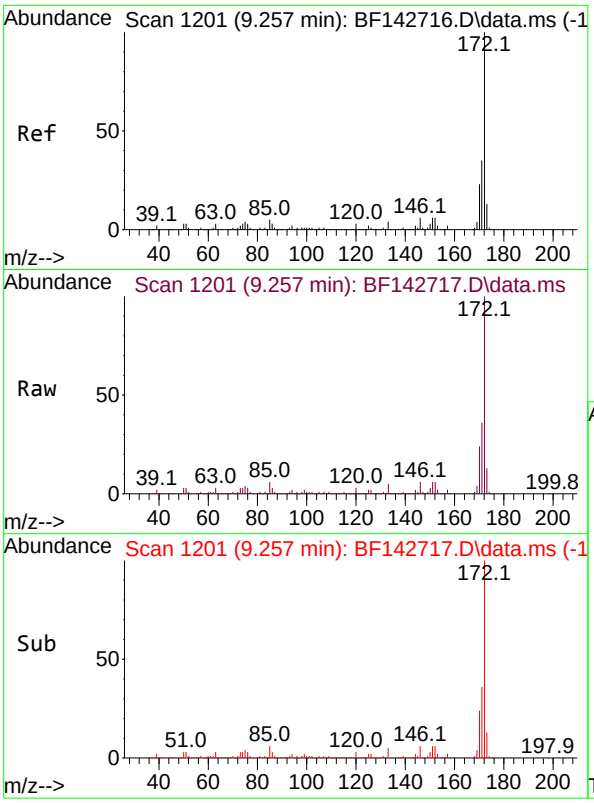


#44
2,4,5-Trichlorophenol
Concen: 52.908 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



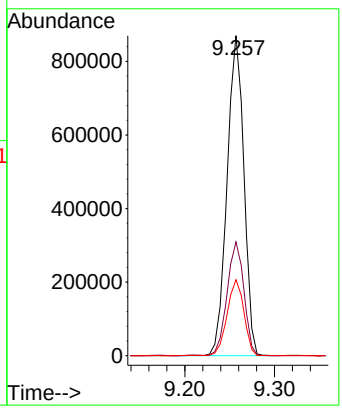


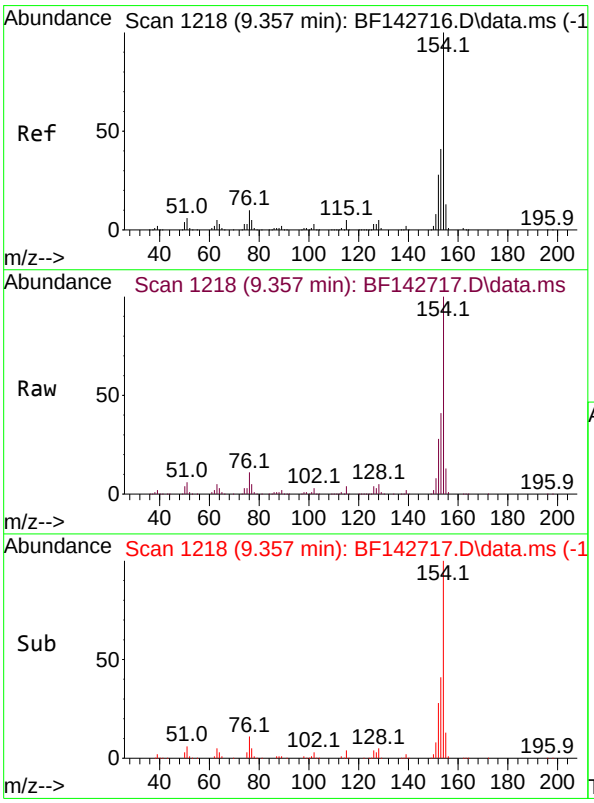
#45
2-Fluorobiphenyl
Concen: 104.193 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

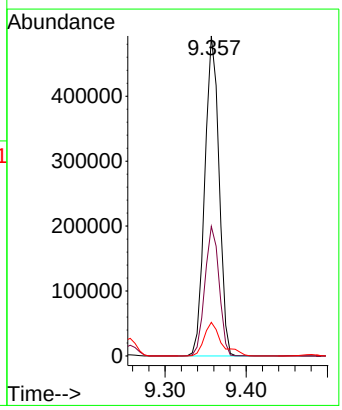


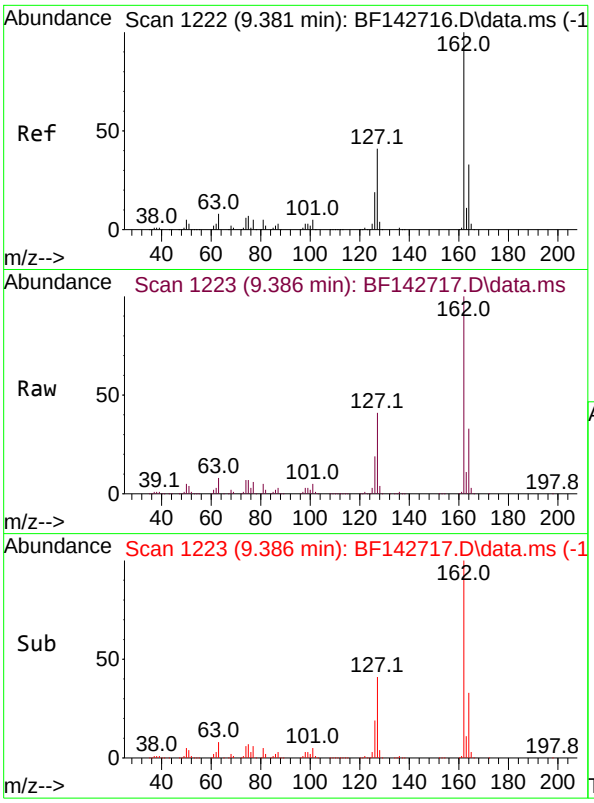


#46
1,1'-Biphenyl
Concen: 52.181 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



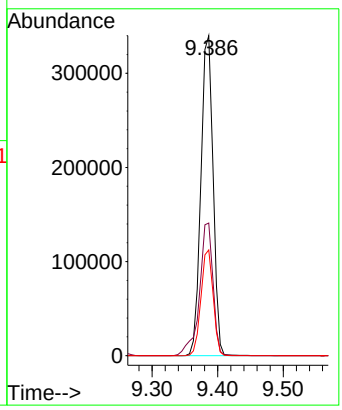


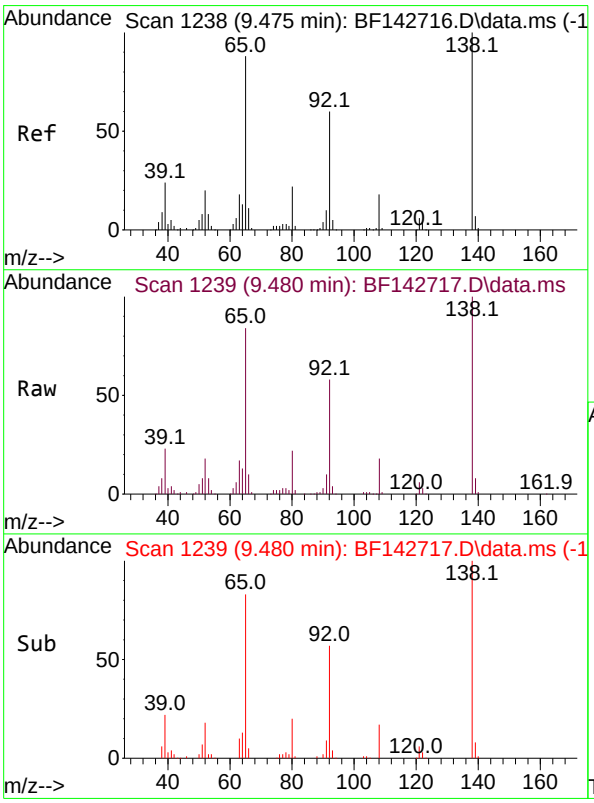
#47
2-Chloronaphthalene
Concen: 51.463 ng
RT: 9.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

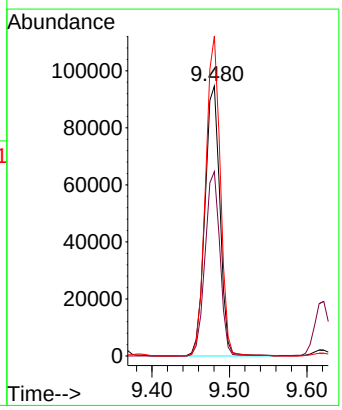


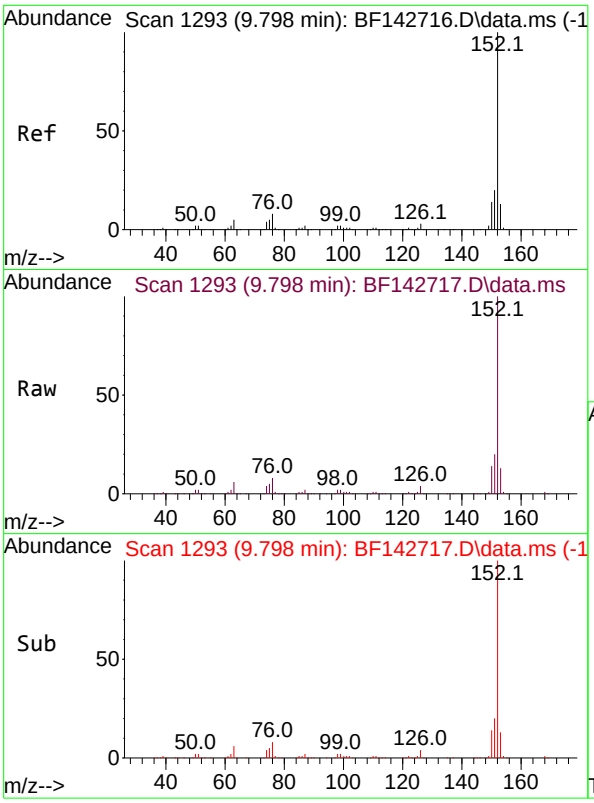


#48
2-Nitroaniline
Concen: 50.274 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



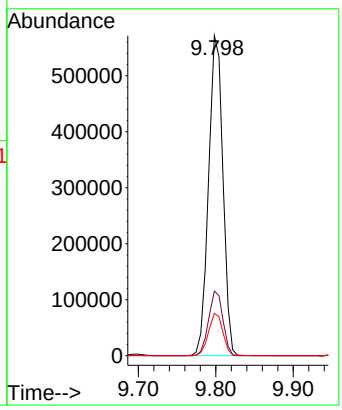


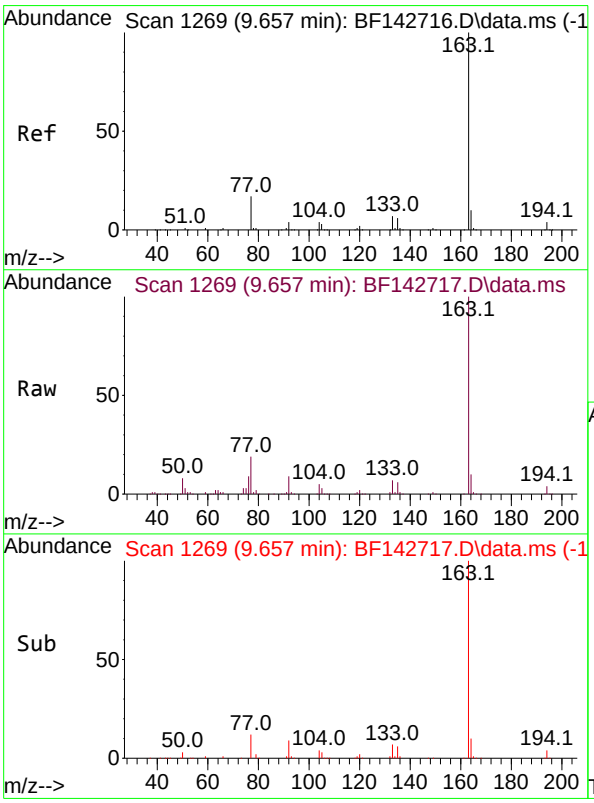
#49
Acenaphthylene
Concen: 51.597 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

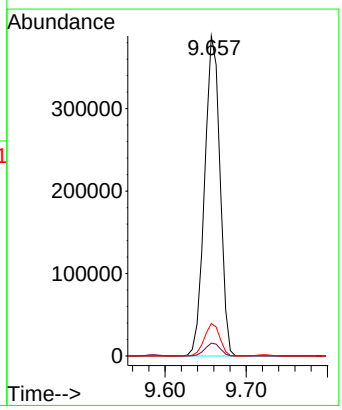


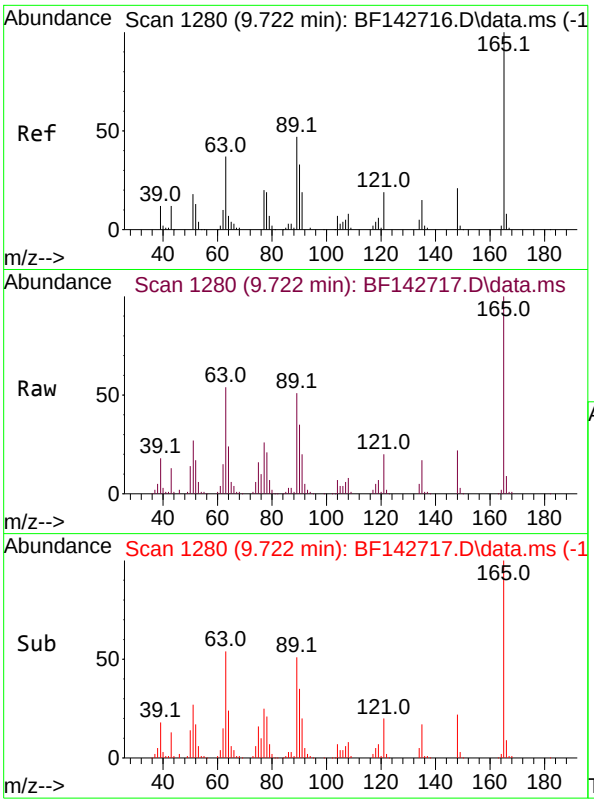


#50
Dimethylphthalate
Concen: 51.267 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



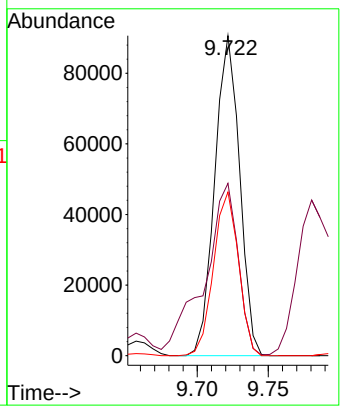


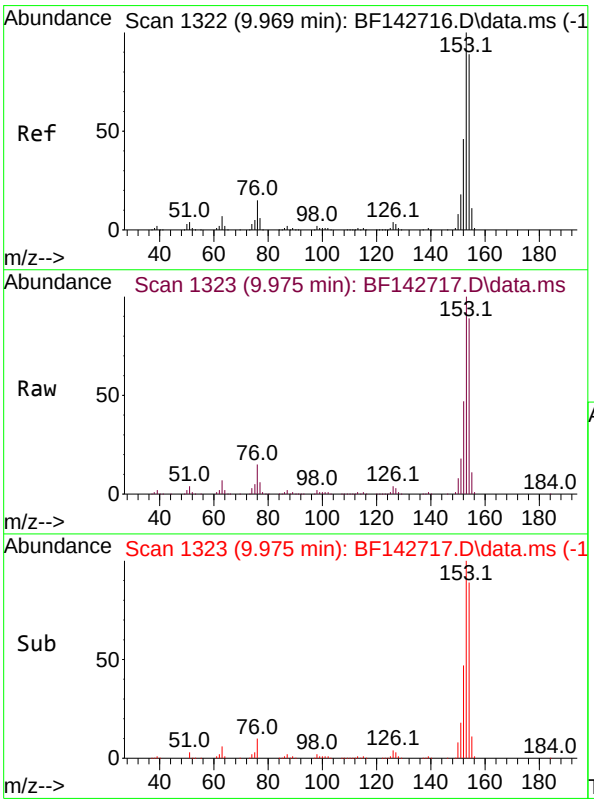
#51
2,6-Dinitrotoluene
Concen: 51.124 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

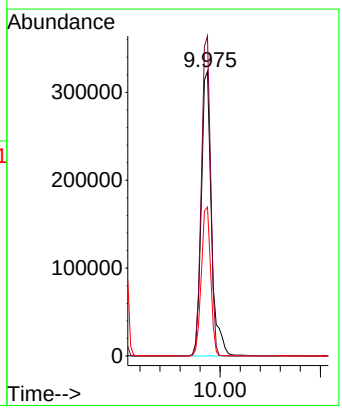


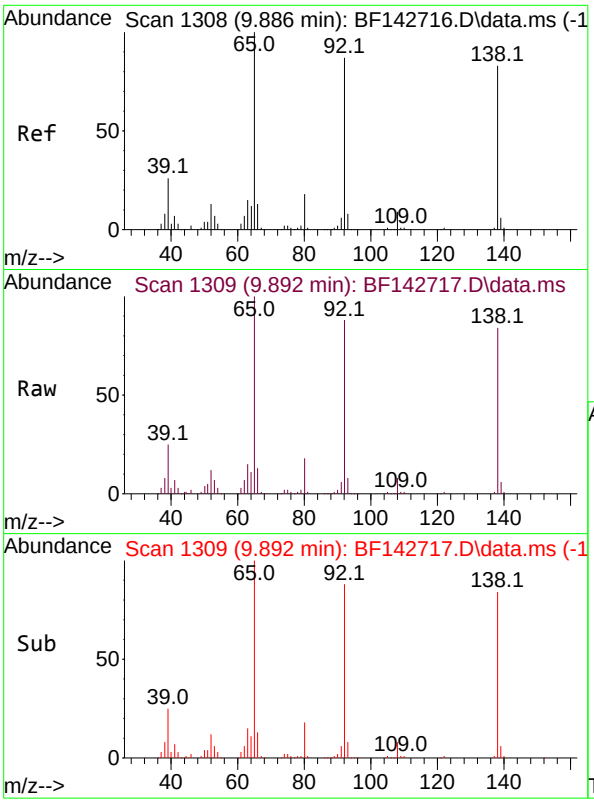


#52
Acenaphthene
Concen: 52.356 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



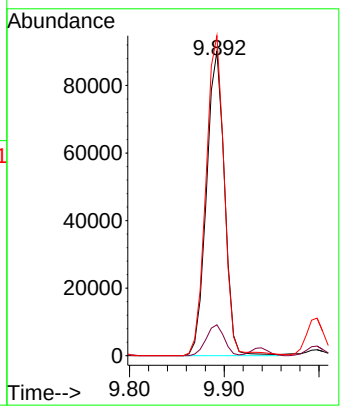


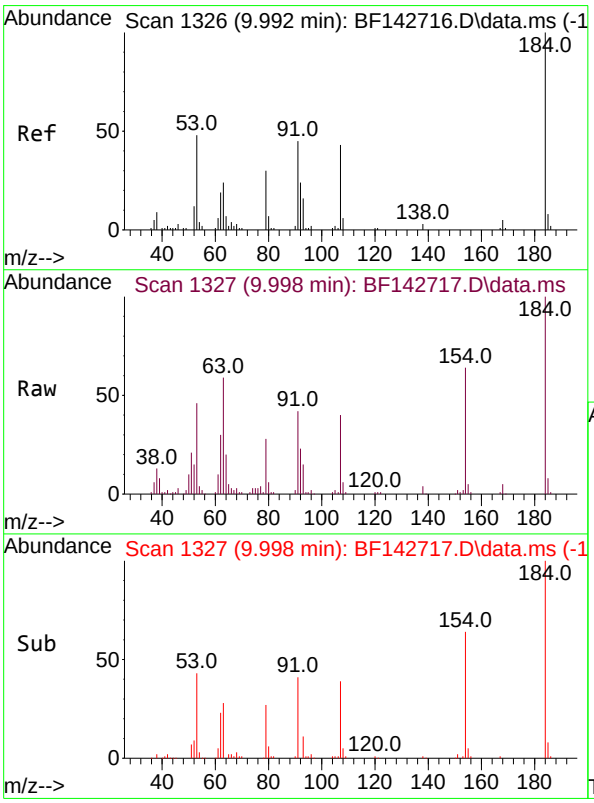
#53
3-Nitroaniline
Concen: 49.557 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

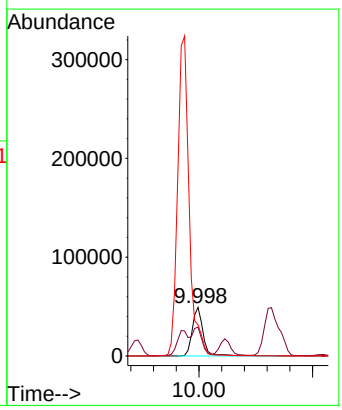


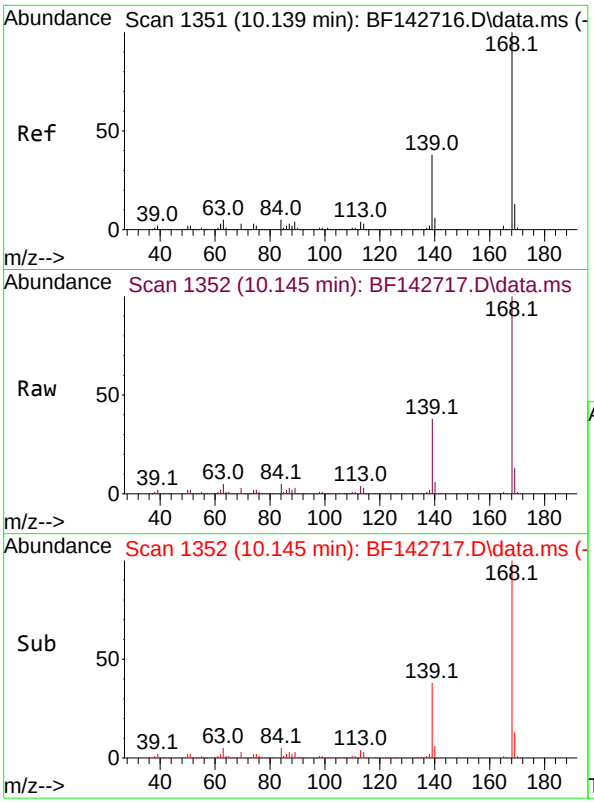


#54
2,4-Dinitrophenol
Concen: 54.883 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



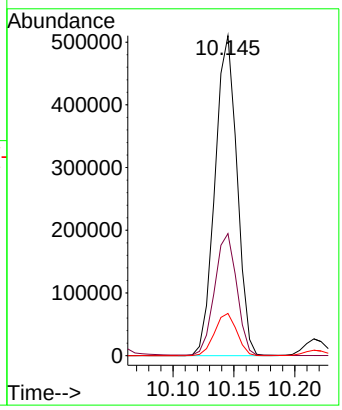


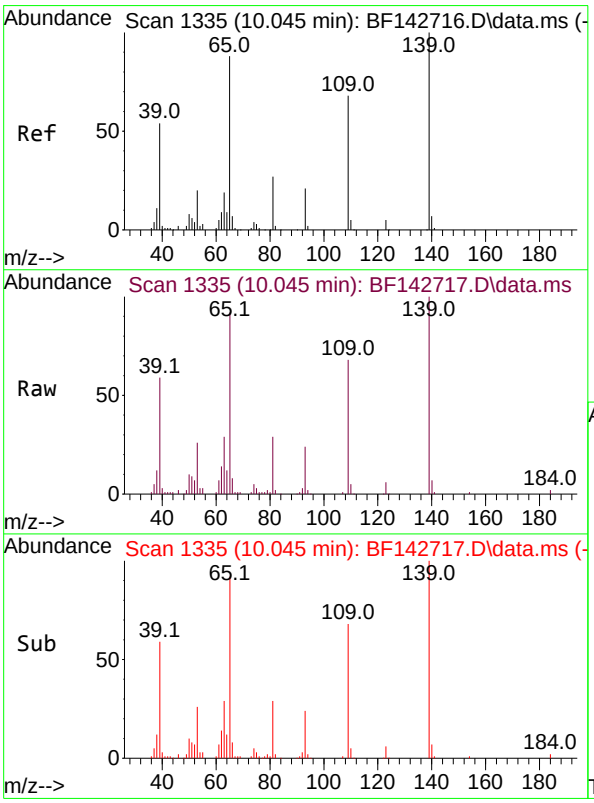
#55
Dibenzofuran
Concen: 51.361 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

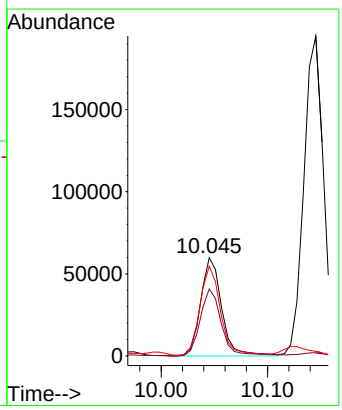


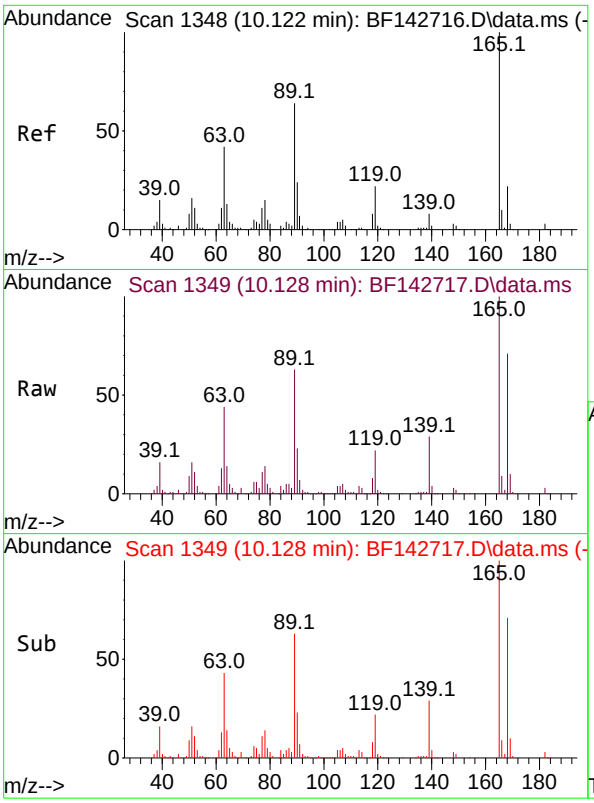


#56
4-Nitrophenol
Concen: 50.067 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



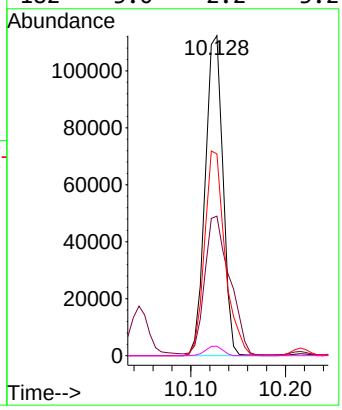


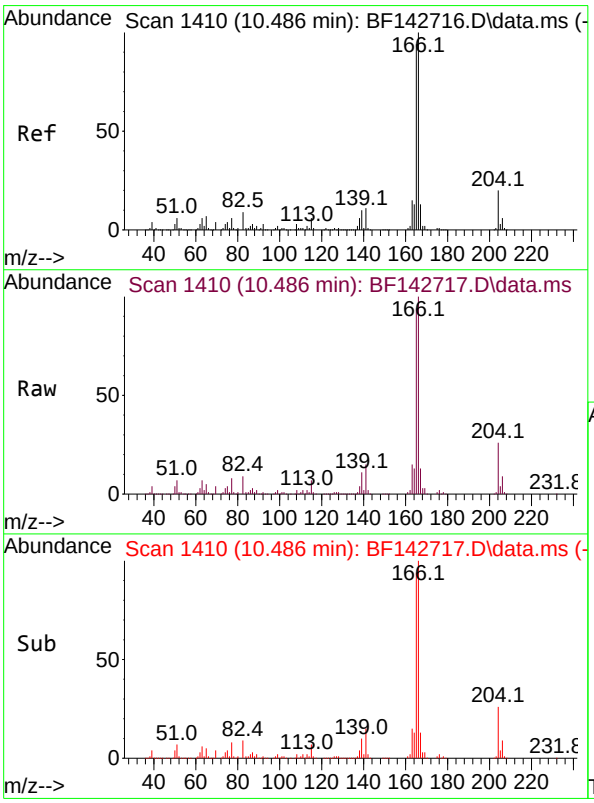
#57
2,4-Dinitrotoluene
Concen: 50.925 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

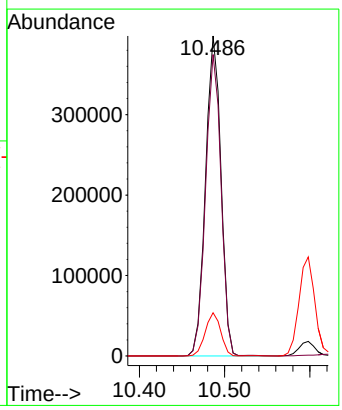


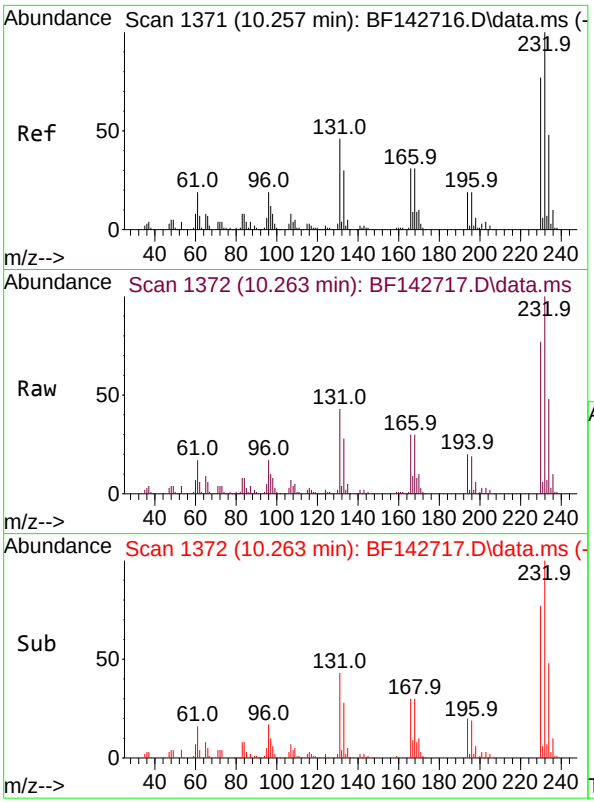


#58
Fluorene
Concen: 50.172 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



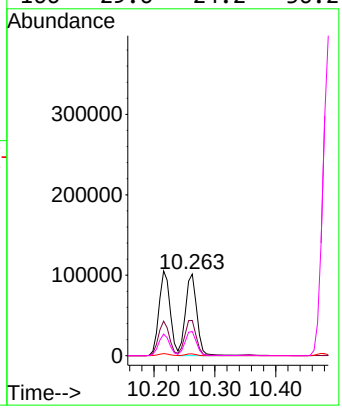


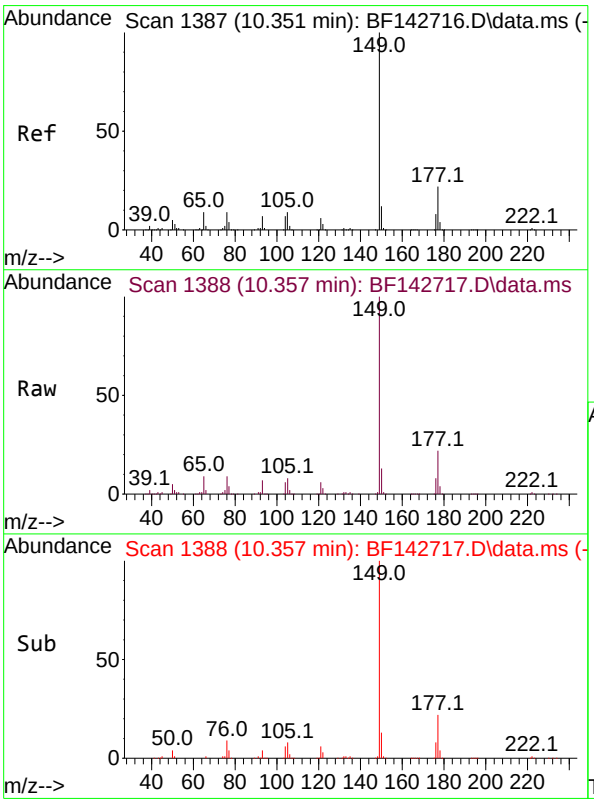
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.459 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

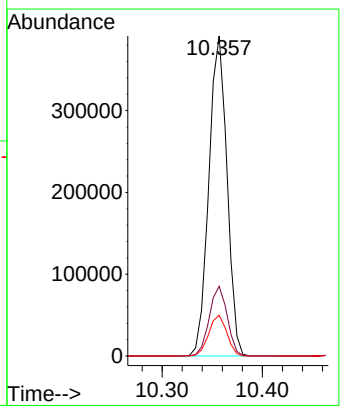


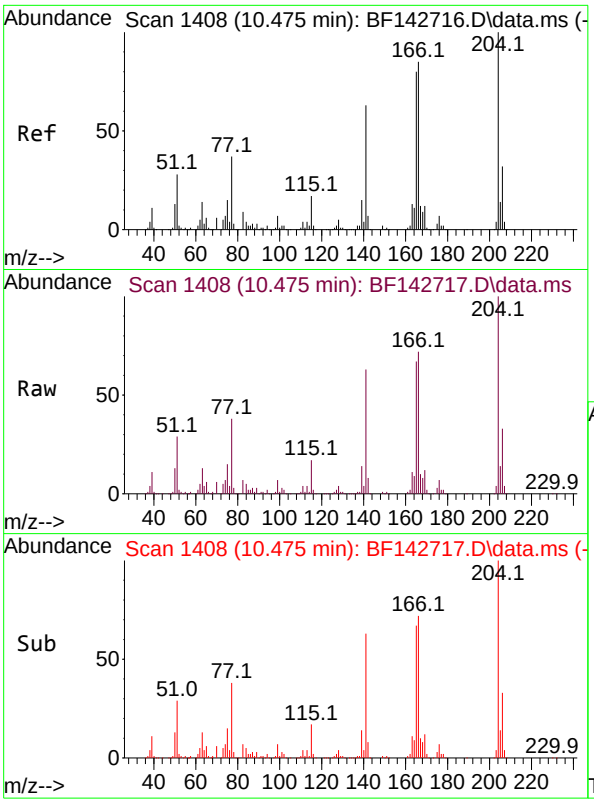


#60
Diethylphthalate
Concen: 50.889 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



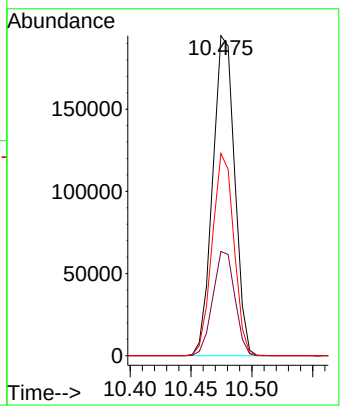


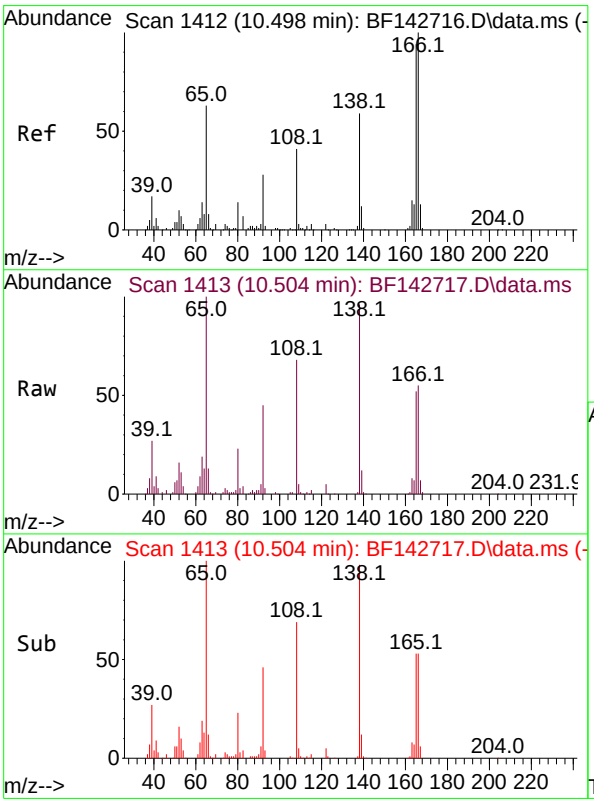
#61
4-Chlorophenyl-phenylether
Concen: 51.542 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

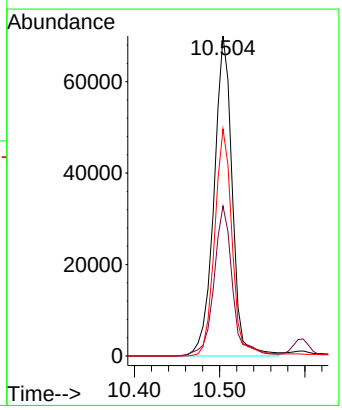


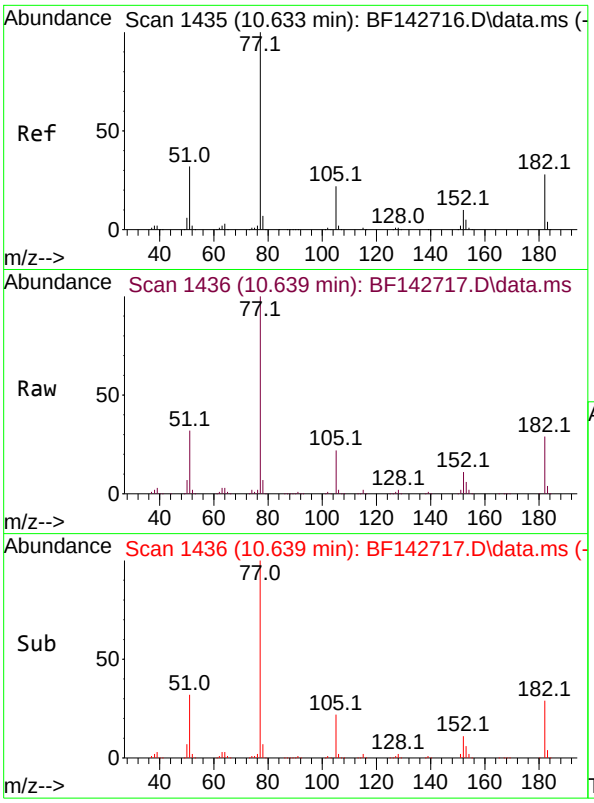


#62
4-Nitroaniline
Concen: 46.441 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



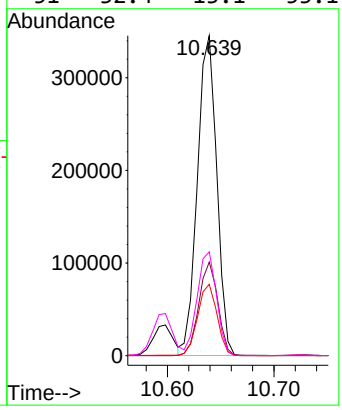


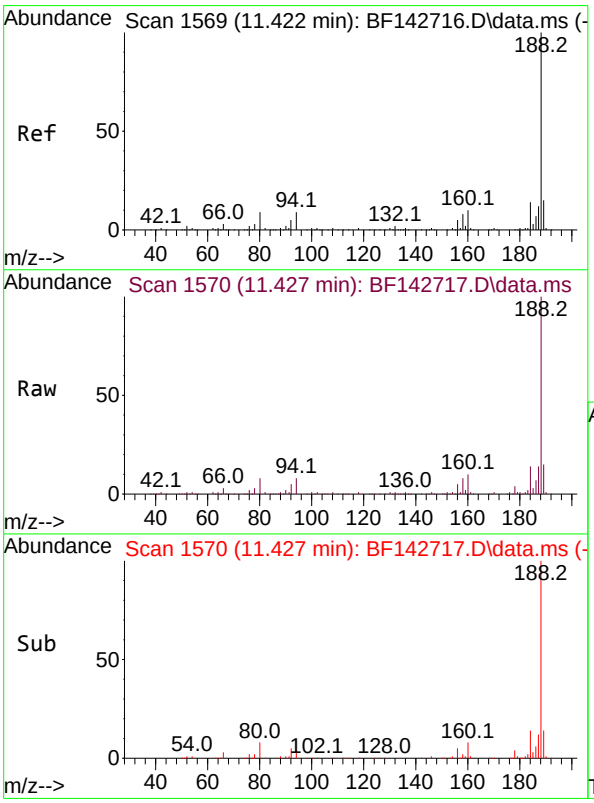
#63
Azobenzene
Concen: 50.596 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

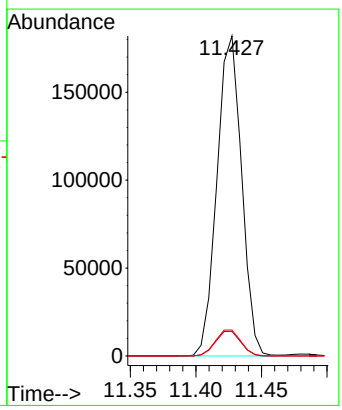


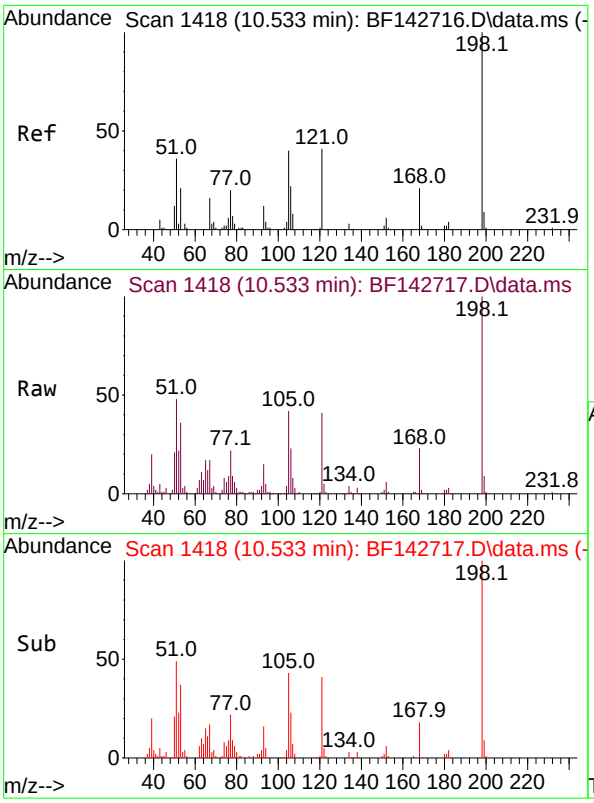


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



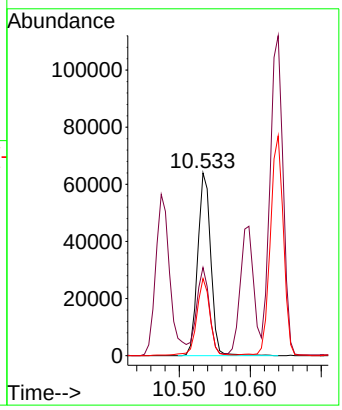


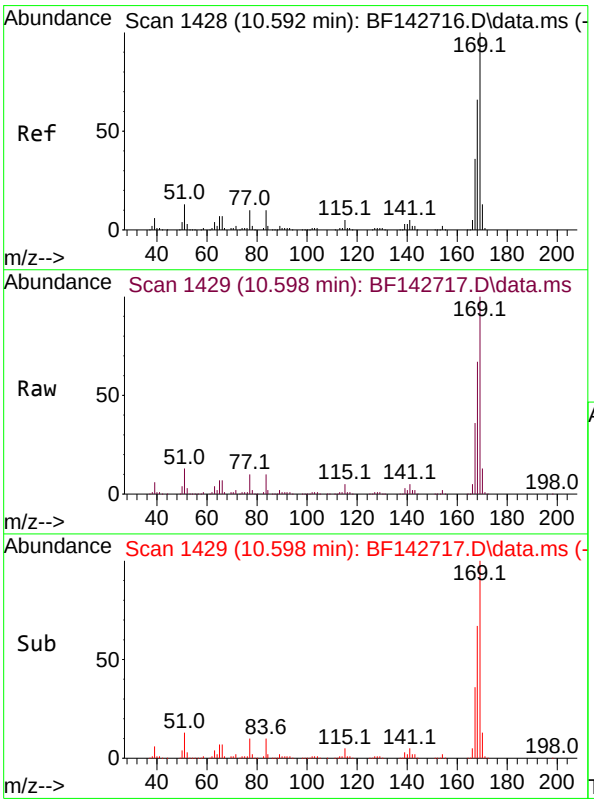
#65
4,6-Dinitro-2-methylphenol
Concen: 55.266 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

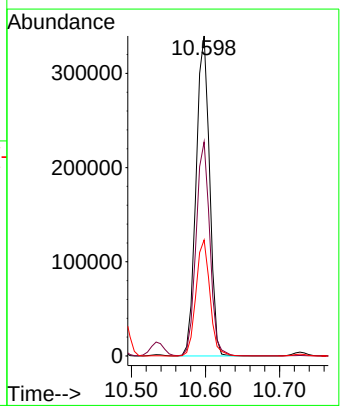


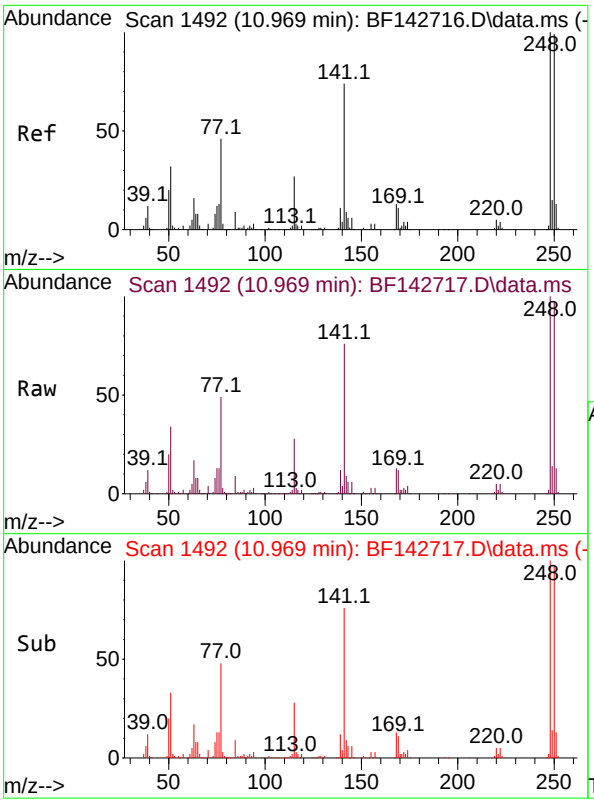


#66
n-Nitrosodiphenylamine
Concen: 55.929 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



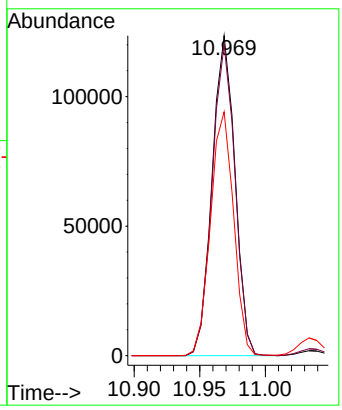


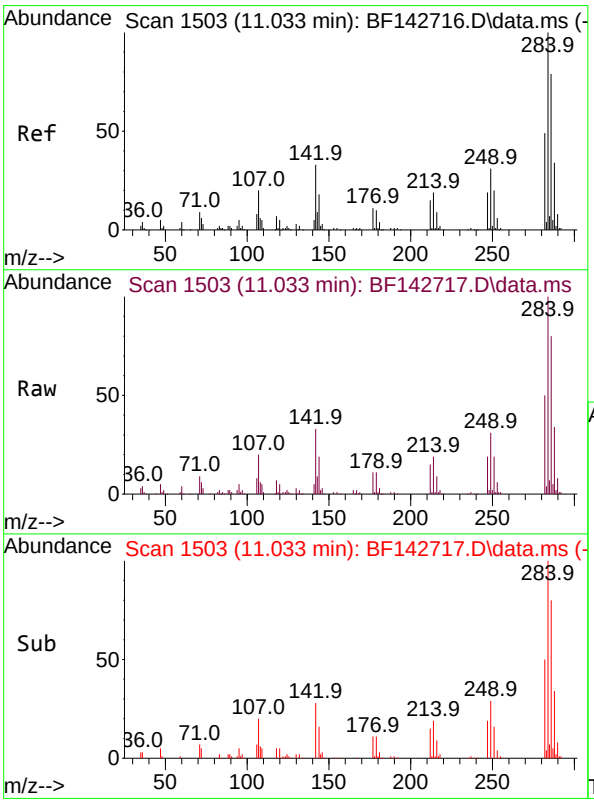
#67
4-Bromophenyl-phenylether
Concen: 56.854 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

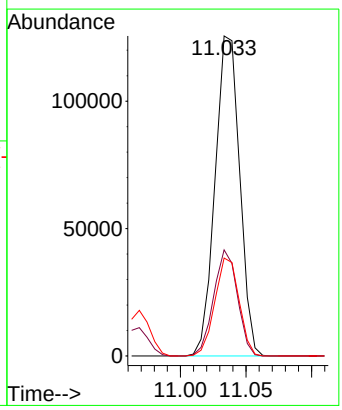


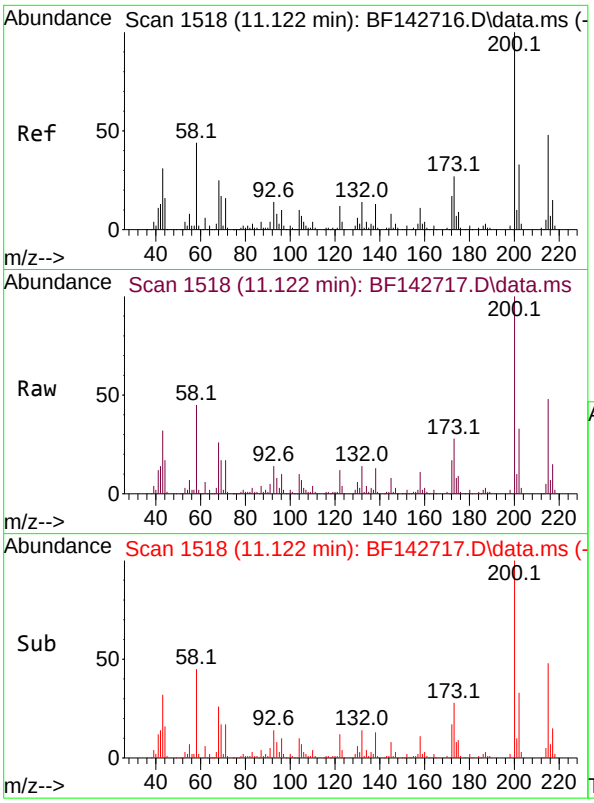


#68
Hexachlorobenzene
Concen: 54.476 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



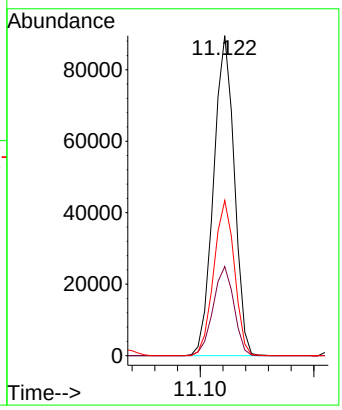


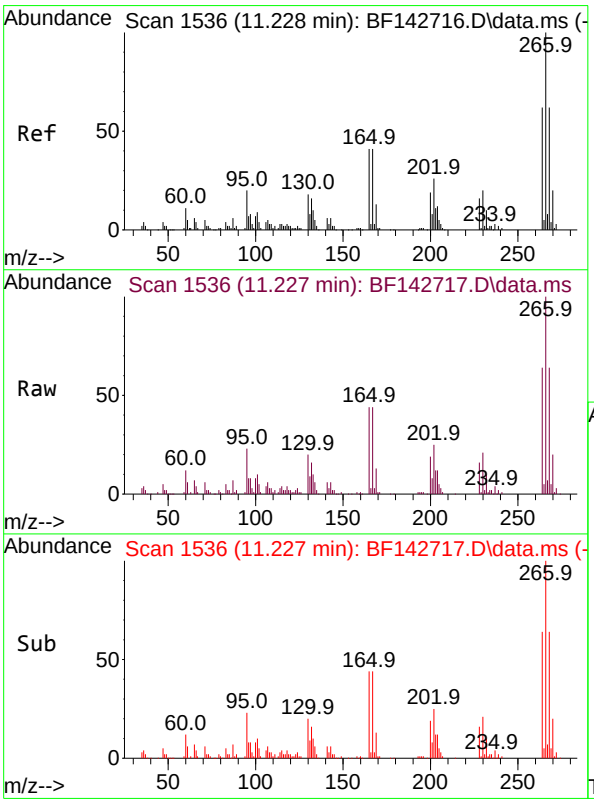
#69
Atrazine
Concen: 49.666 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

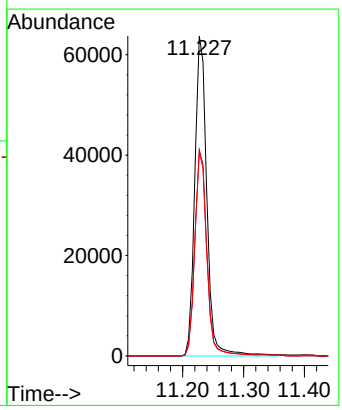


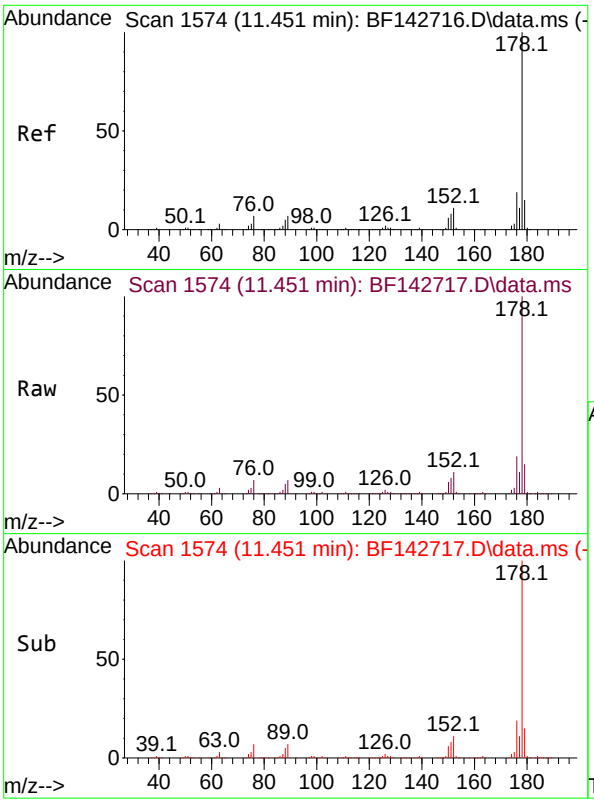


#70
Pentachlorophenol
Concen: 54.131 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



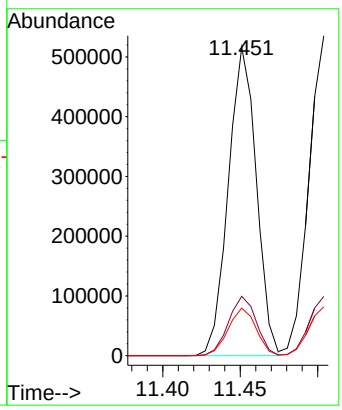


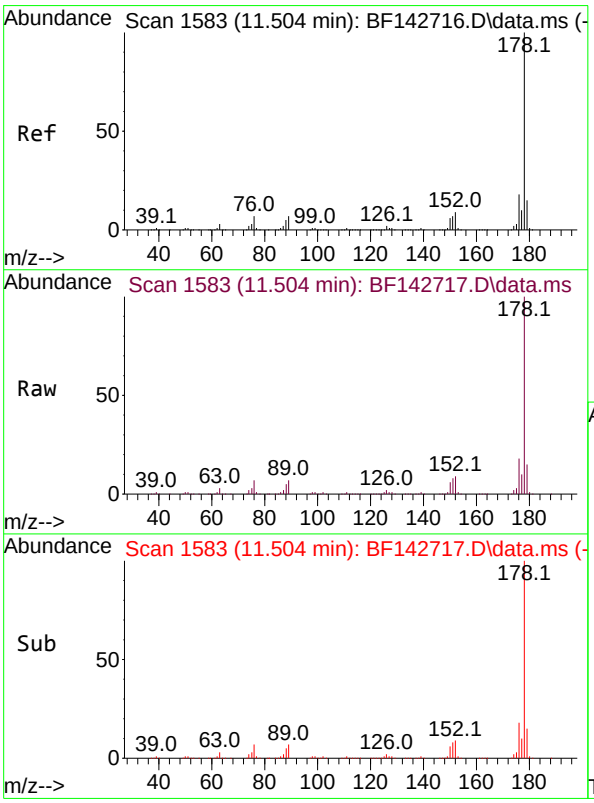
#71
Phenanthrene
Concen: 51.010 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

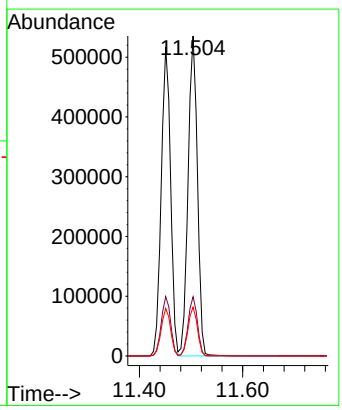


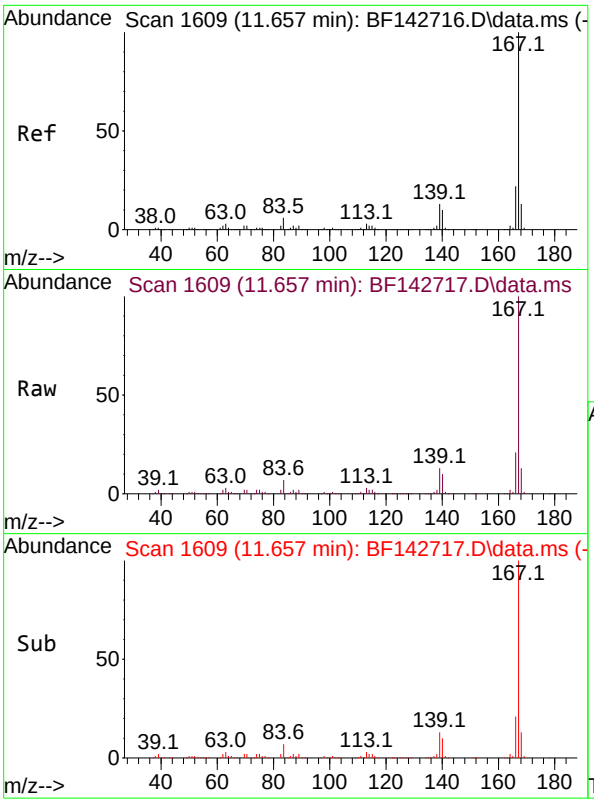


#72
Anthracene
Concen: 51.077 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



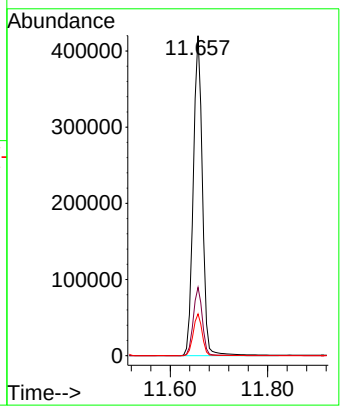


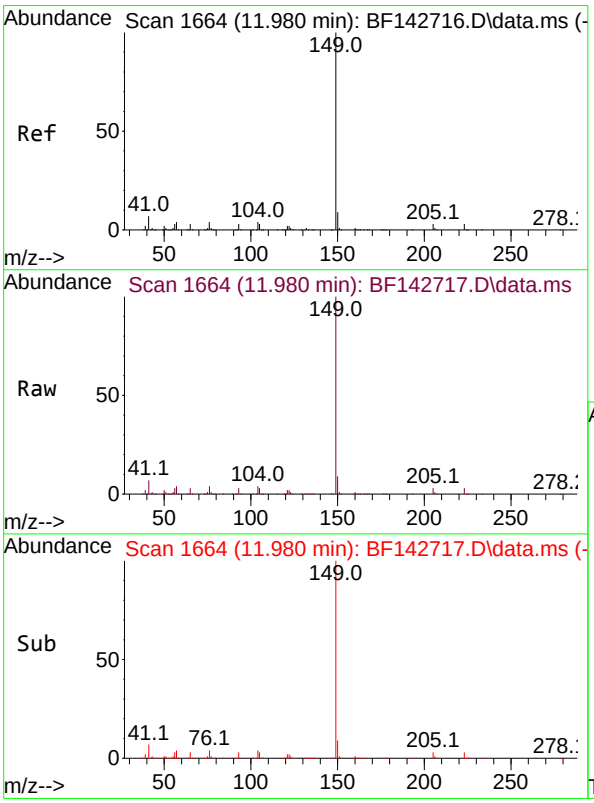
#73
Carbazole
Concen: 47.322 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

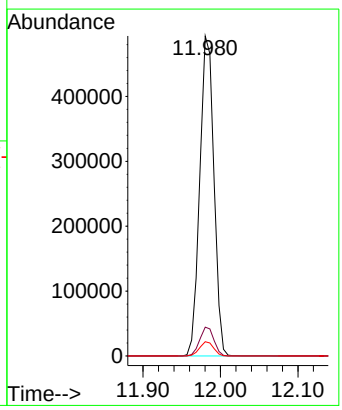


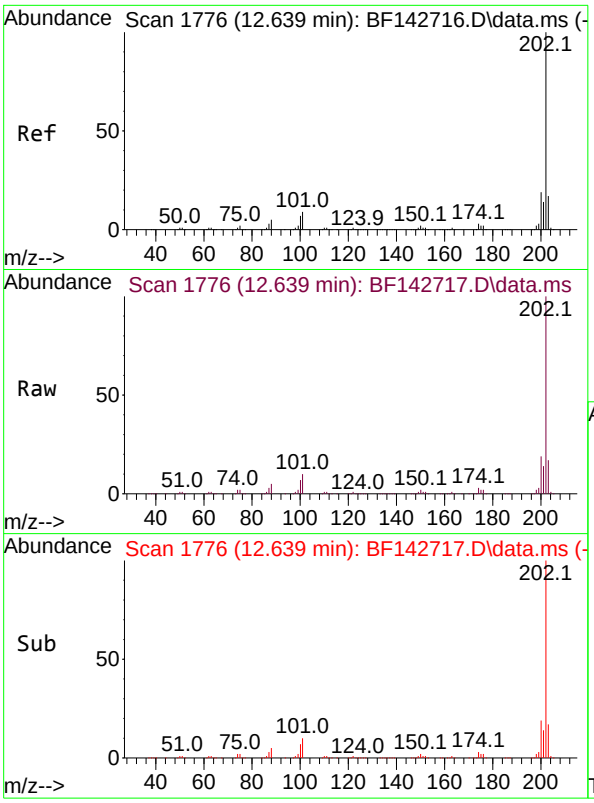


#74
Di-n-butylphthalate
Concen: 50.544 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



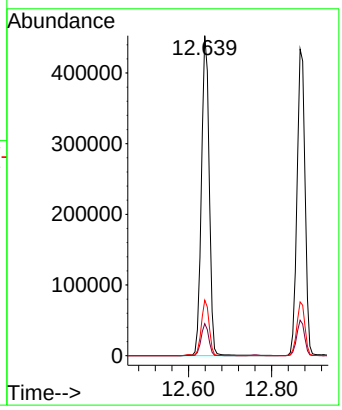


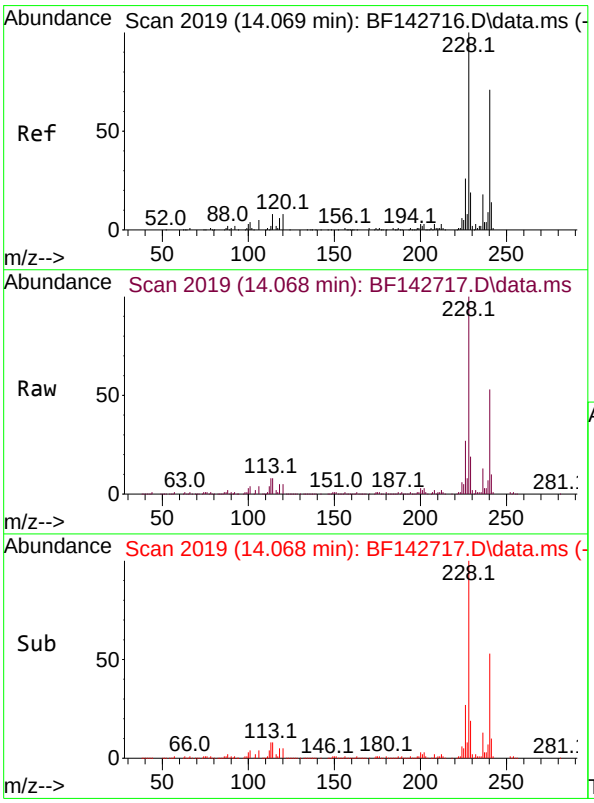
#75
Fluoranthene
Concen: 47.504 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

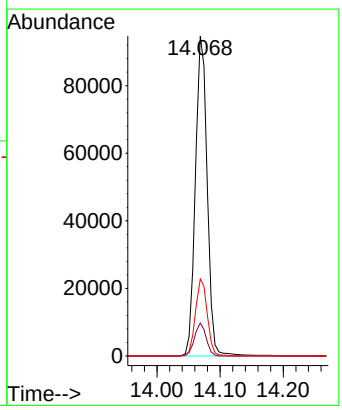


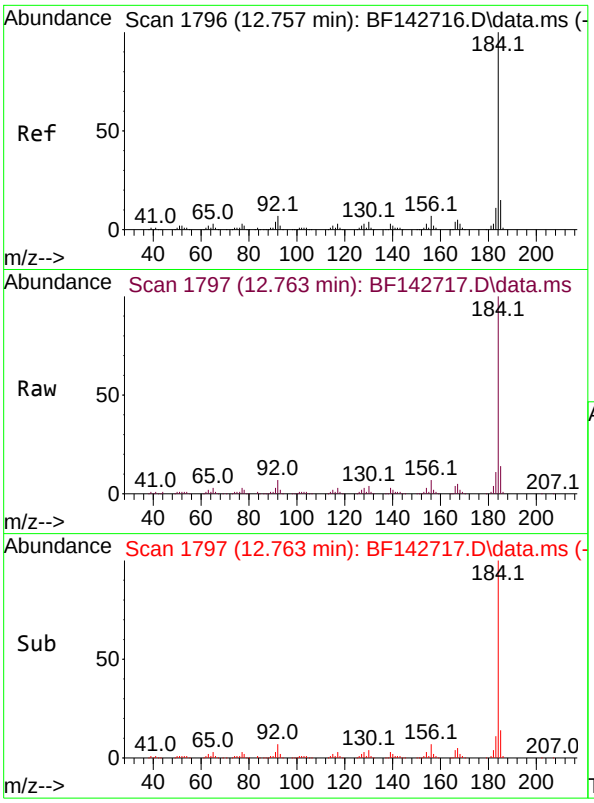


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



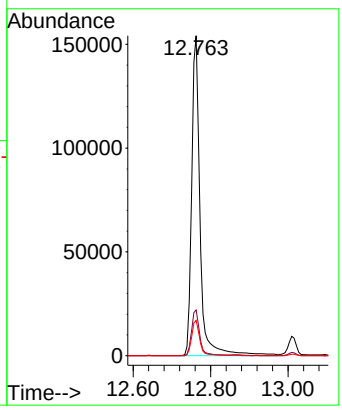


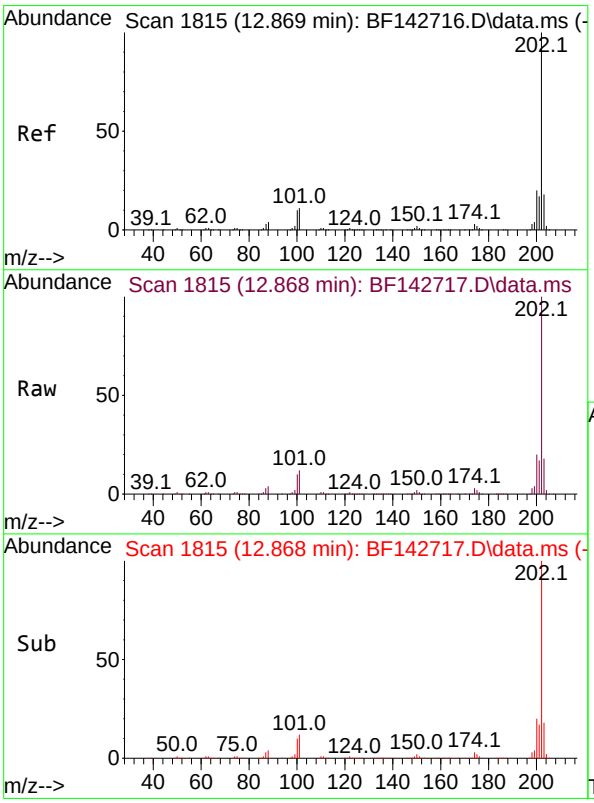
#77
Benzidine
Concen: 53.721 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

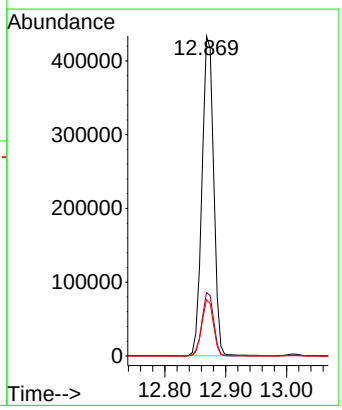


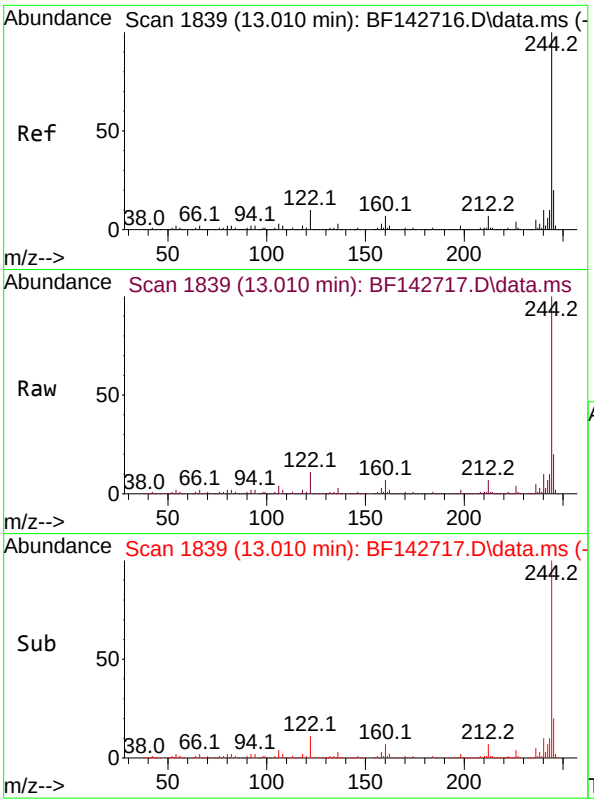


#78
Pyrene
Concen: 55.596 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



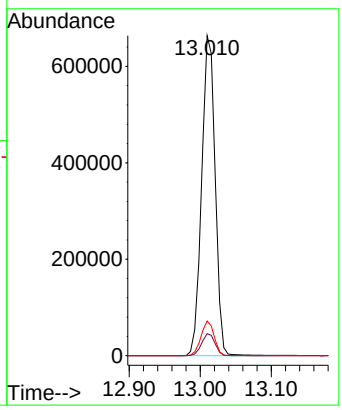


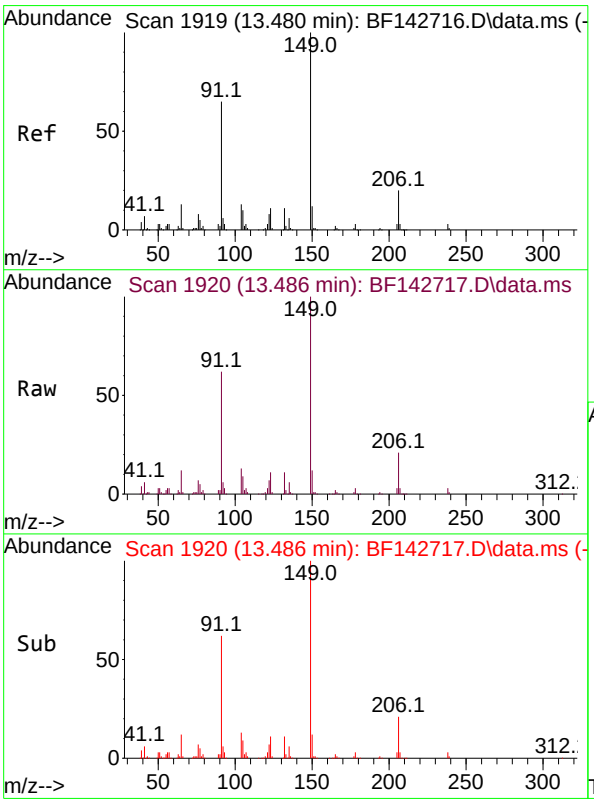
#79
Terphenyl-d14
Concen: 108.612 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

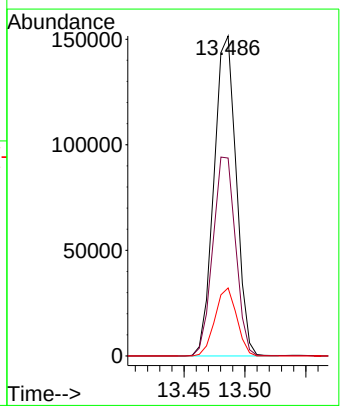


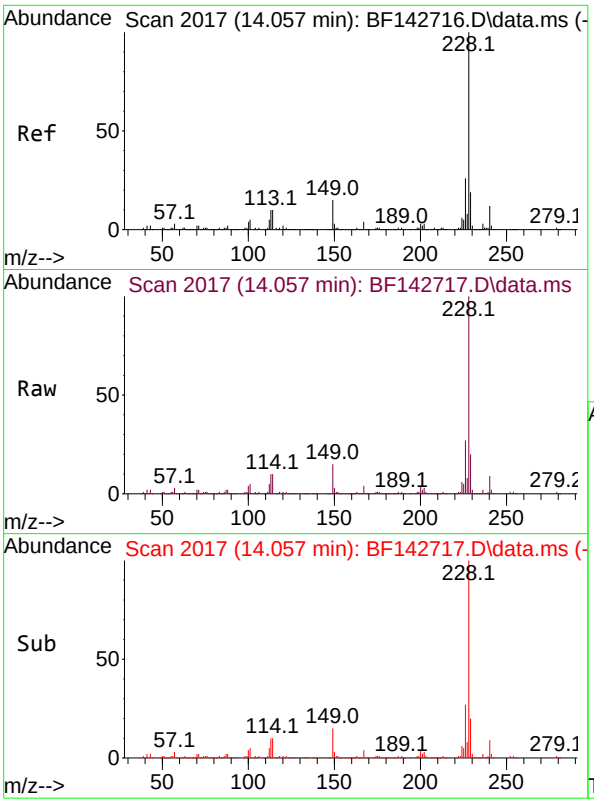


#80
Butylbenzylphthalate
Concen: 60.694 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



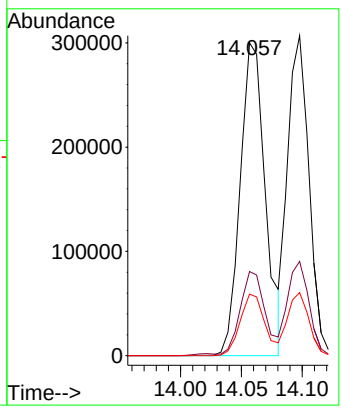


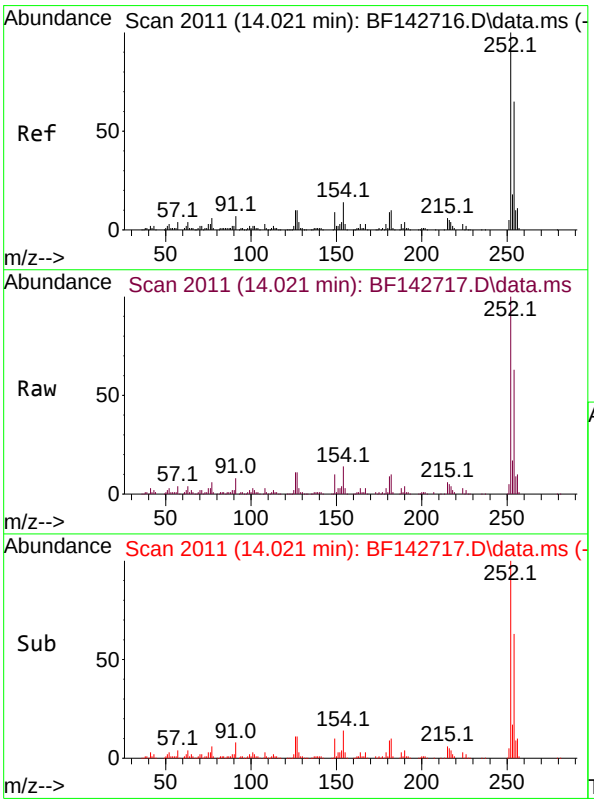
#81
Benzo(a)anthracene
Concen: 53.559 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

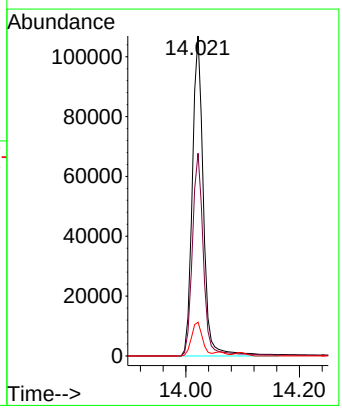


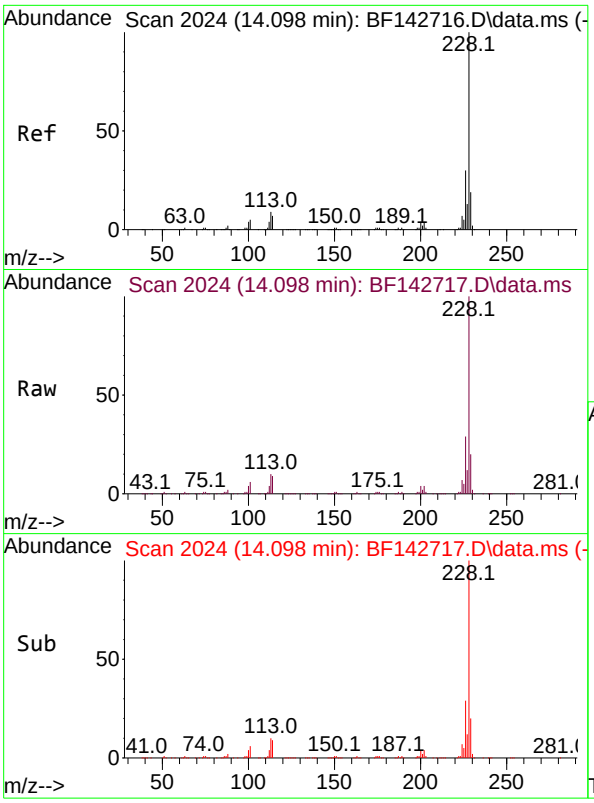


#82
3,3'-Dichlorobenzidine
Concen: 56.587 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



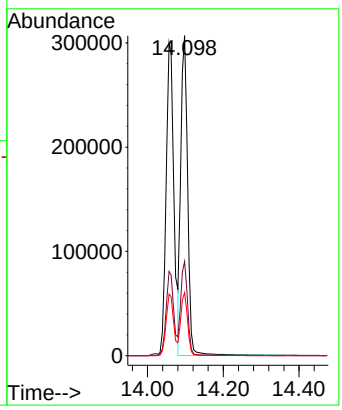


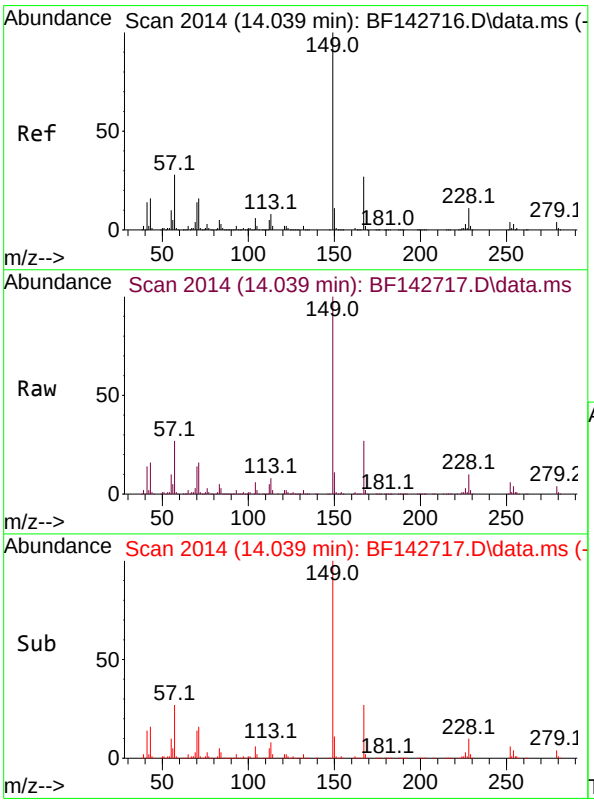
#83
Chrysene
Concen: 51.006 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

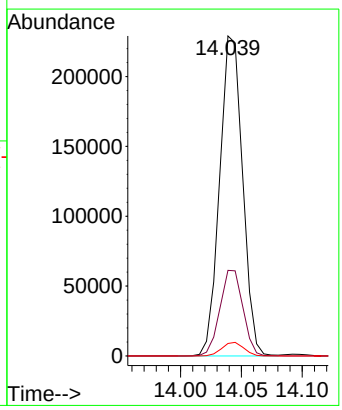


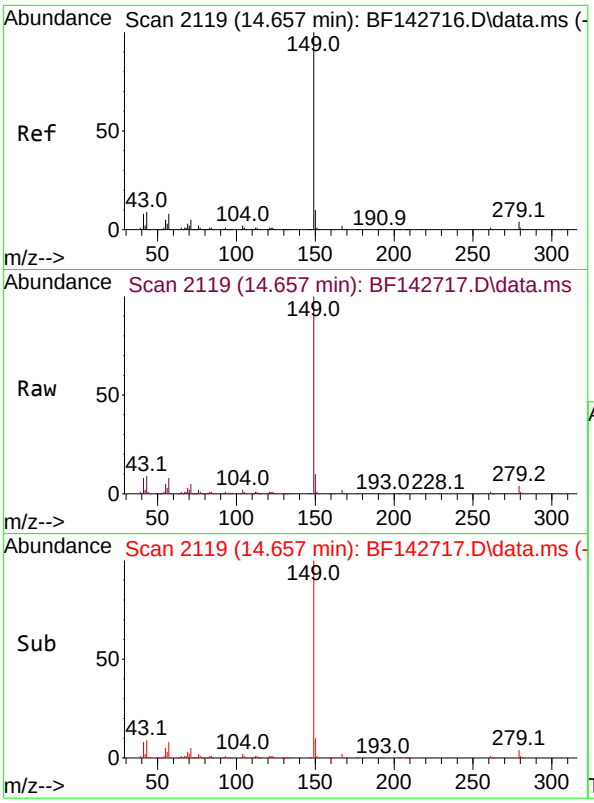


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.382 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



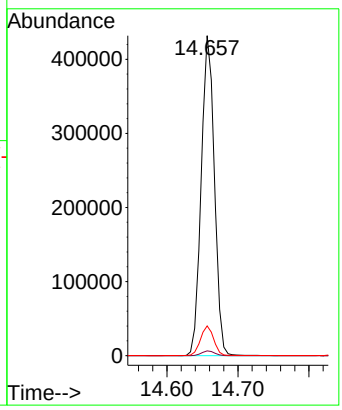


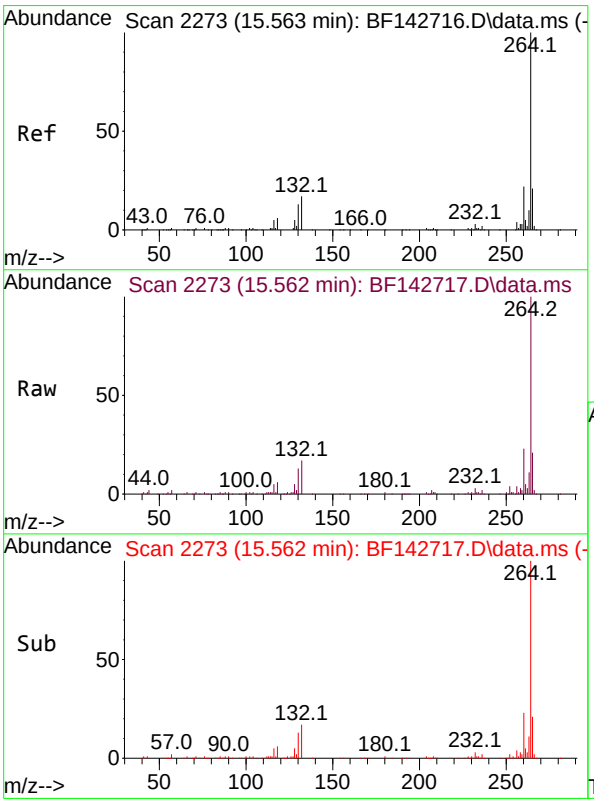
#85
Di-n-octyl phthalate
Concen: 74.939 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

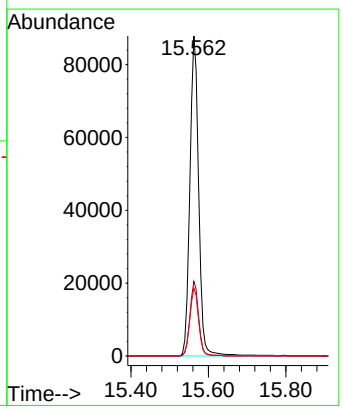


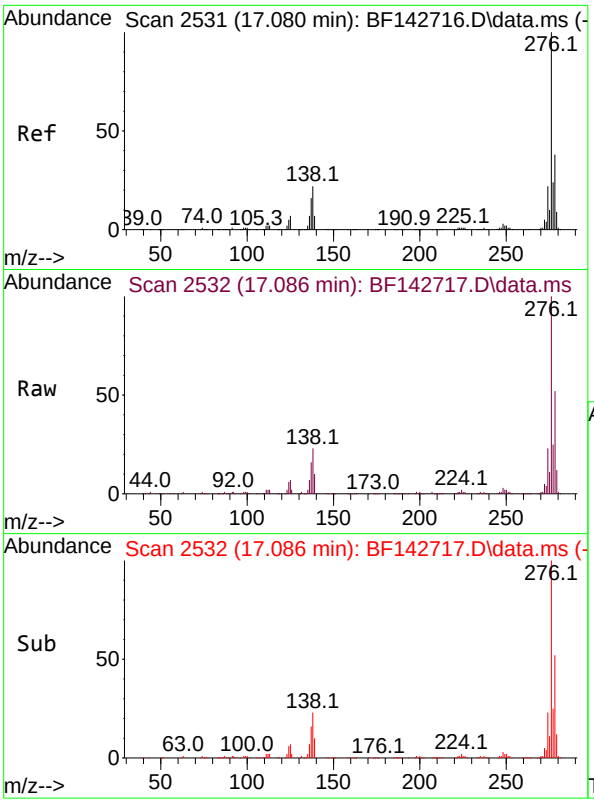


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



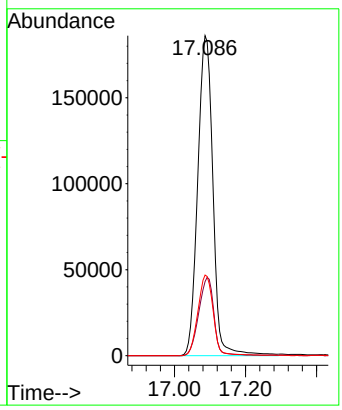


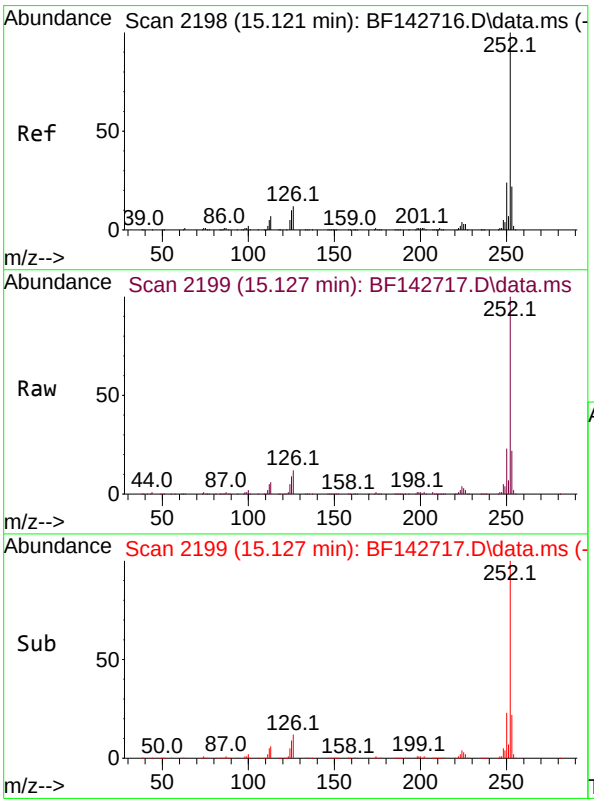
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.142 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

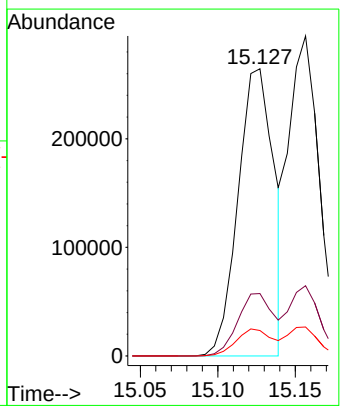


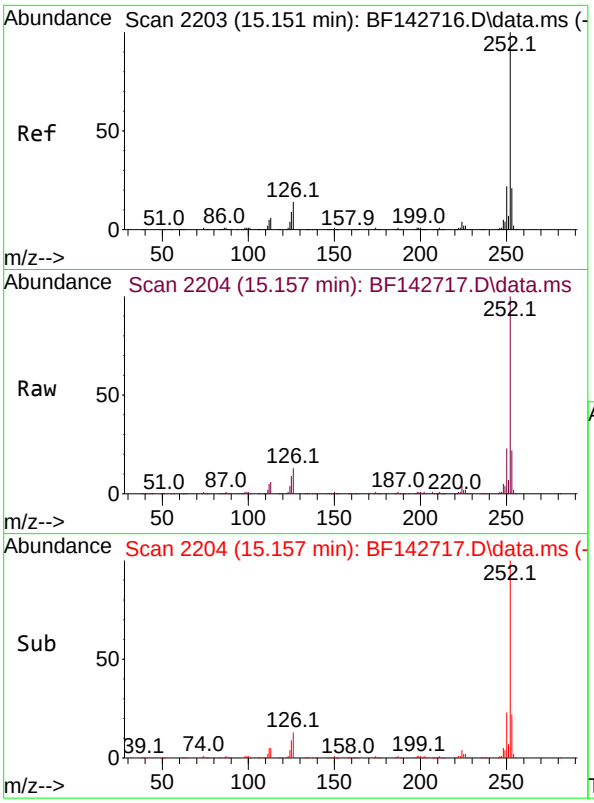


#88
Benzo(b)fluoranthene
Concen: 51.292 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



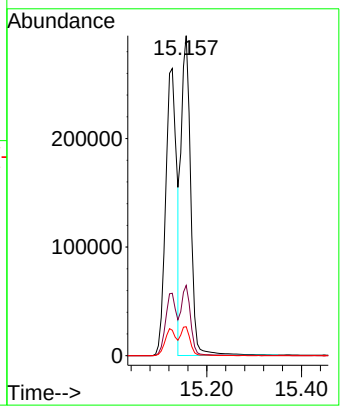


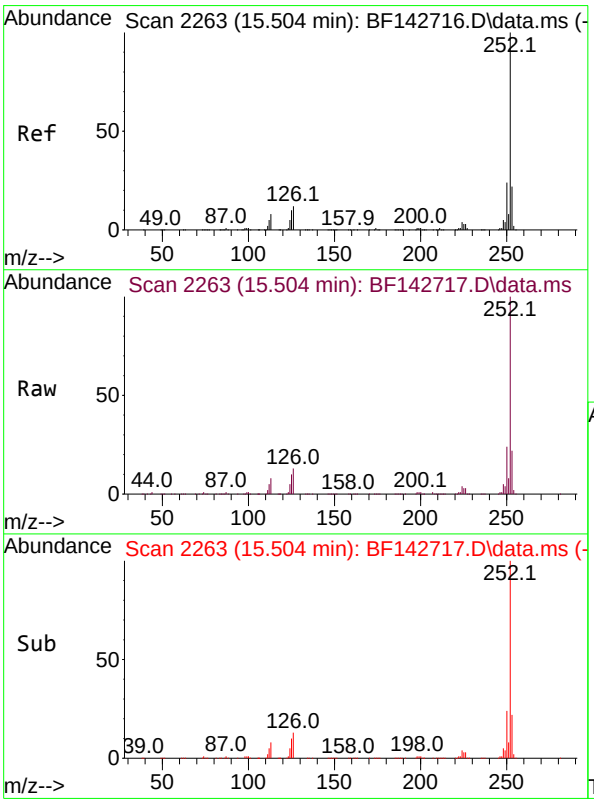
#89
Benzo(k)fluoranthene
Concen: 53.637 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

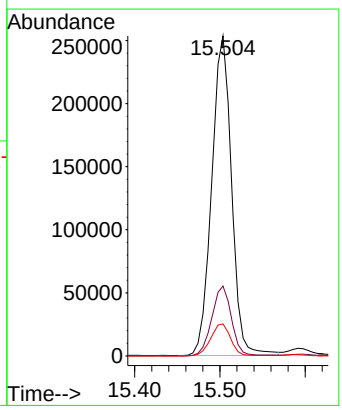


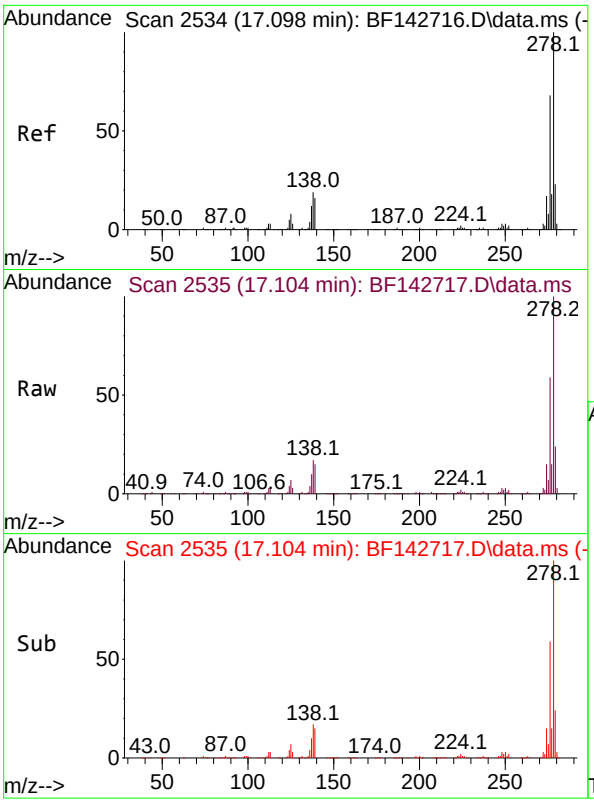


#90
Benzo(a)pyrene
Concen: 52.868 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



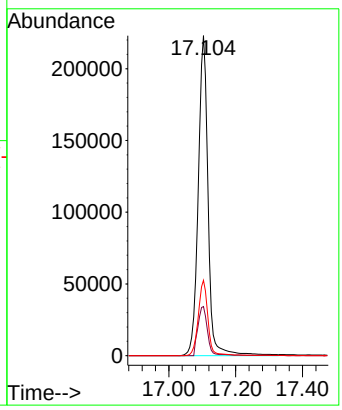


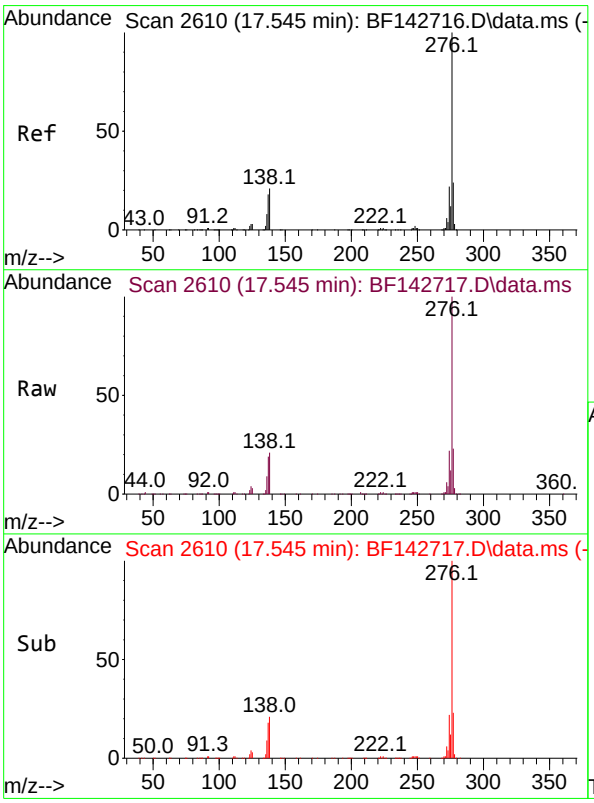
#91
Dibenzo(a,h)anthracene
Concen: 57.070 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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

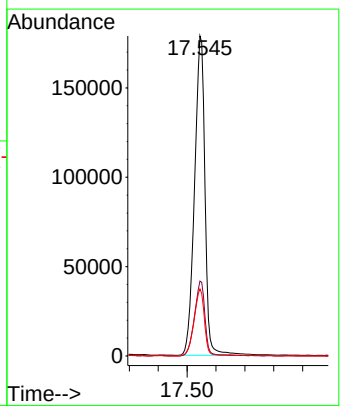




#92
Benzo(g,h,i)perylene
Concen: 54.423 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142717.D
Acq: 10 Jun 2025 19:21

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



Quantitation Report (QT Reviewed)

ICAL Form

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

ICAL Form

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

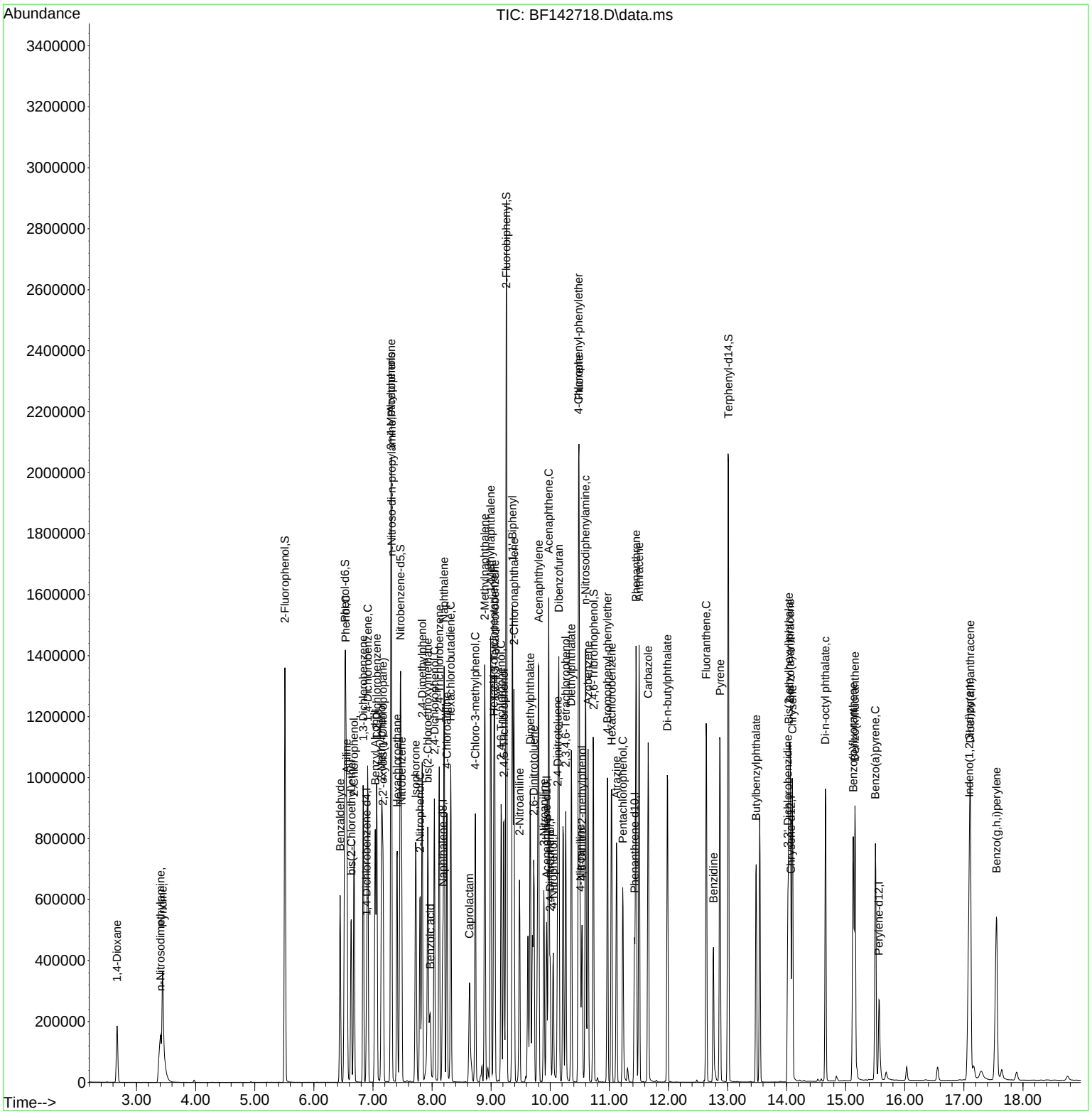
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	191562	58.800	ng	99
46) 1,1'-Biphenyl	9.363	154	720521	57.886	ng	100
47) 2-Chloronaphthalene	9.386	162	532389	57.172	ng	100
48) 2-Nitroaniline	9.481	65	156234	56.877	ng	97
49) Acenaphthylene	9.804	152	887022	57.422	ng	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

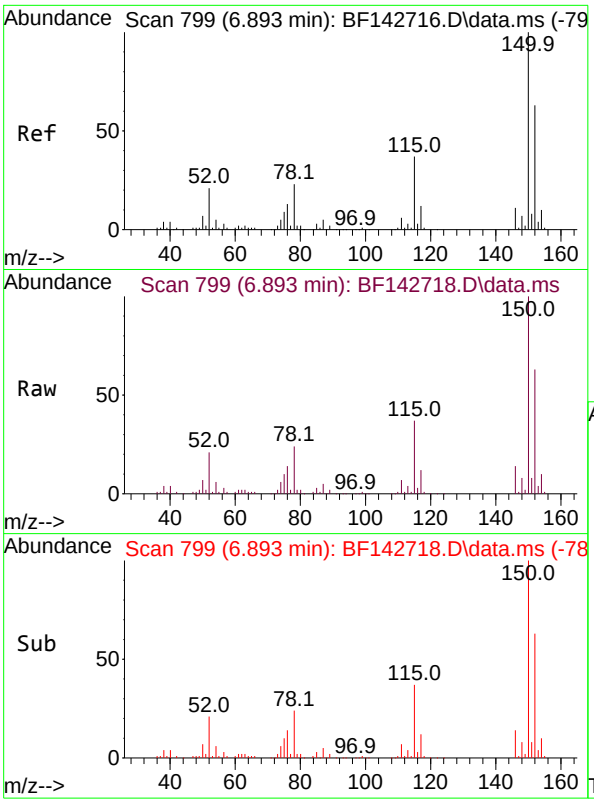
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



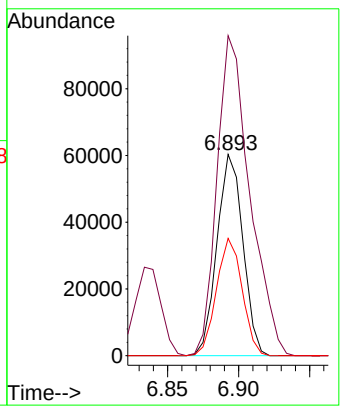


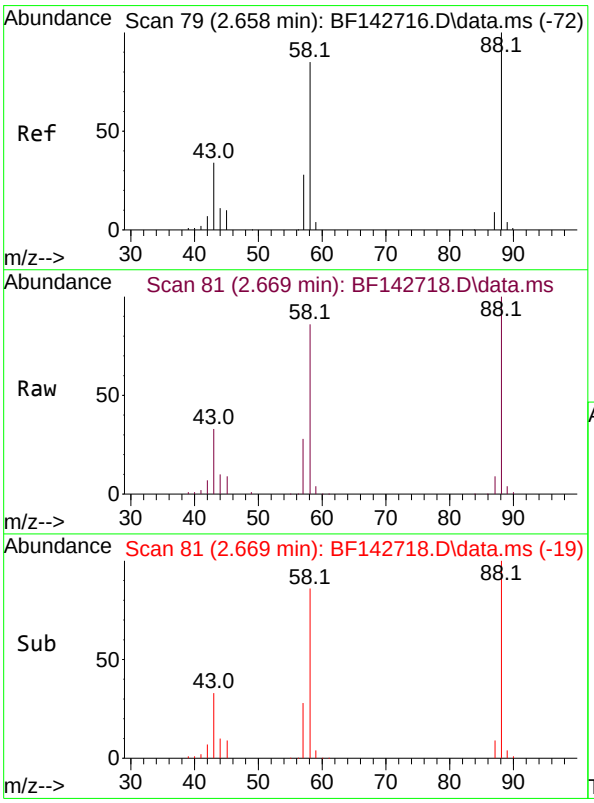
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

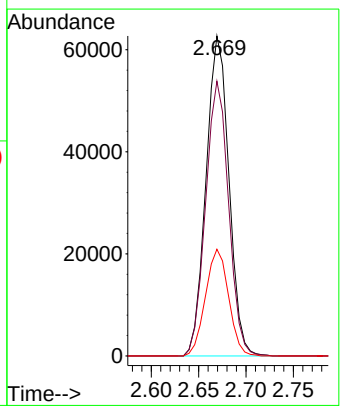


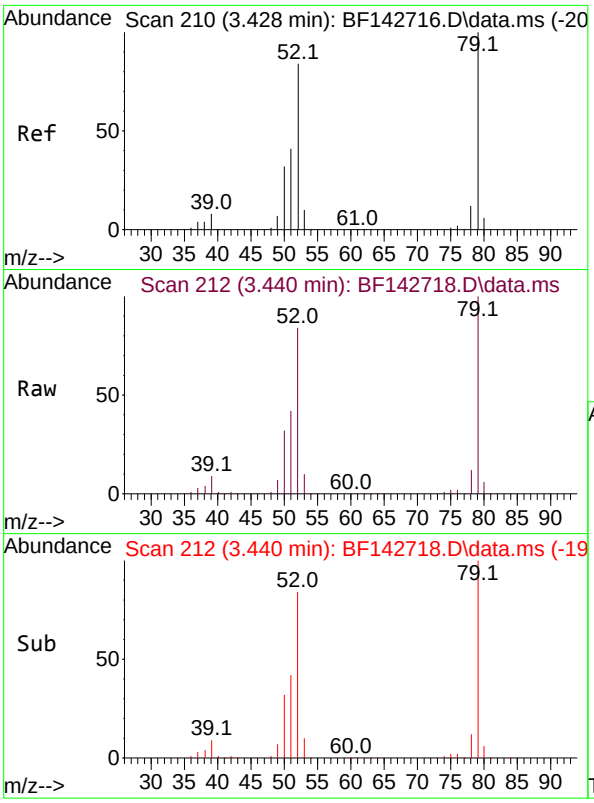


#2
1,4-Dioxane
Concen: 61.008 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



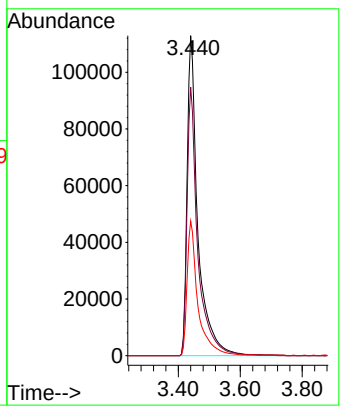


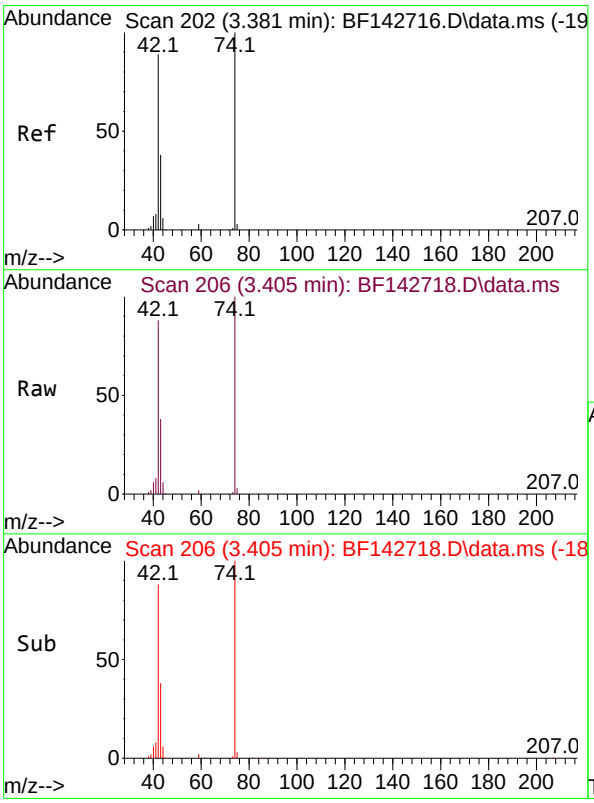
#3
Pyridine
Concen: 61.500 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

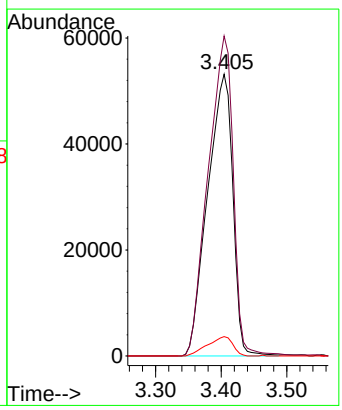


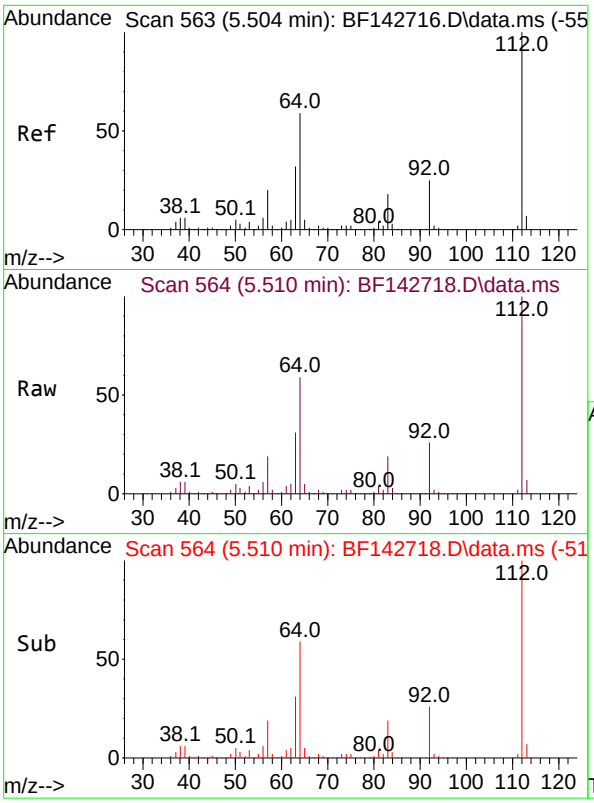


#4
n-Nitrosodimethylamine
Concen: 64.724 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.024 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



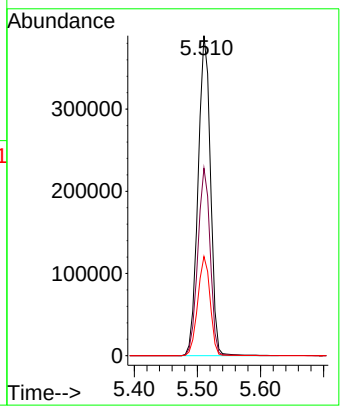


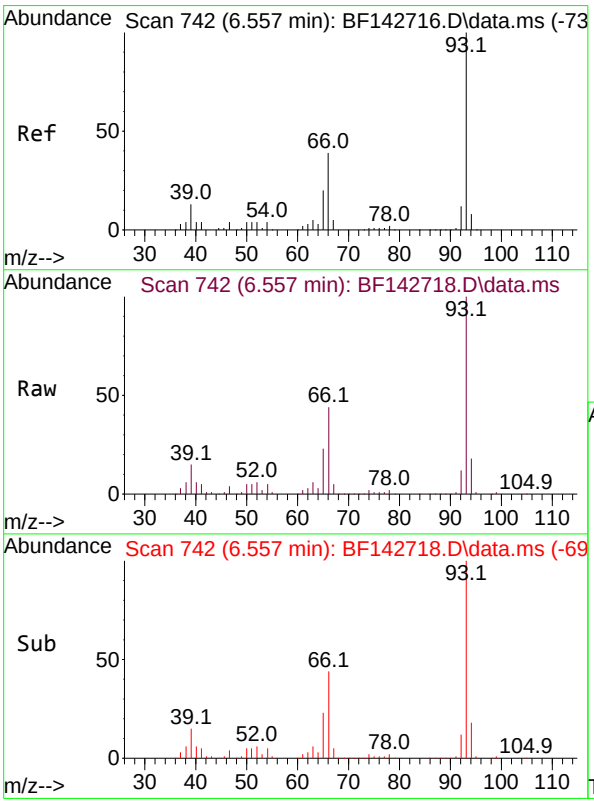
#5
2-Fluorophenol
Concen: 117.579 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

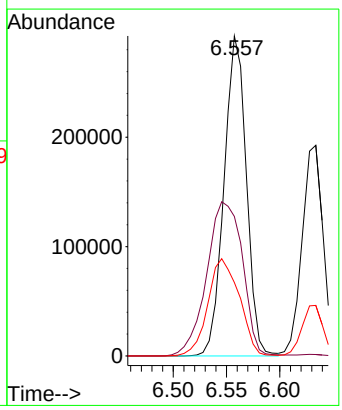


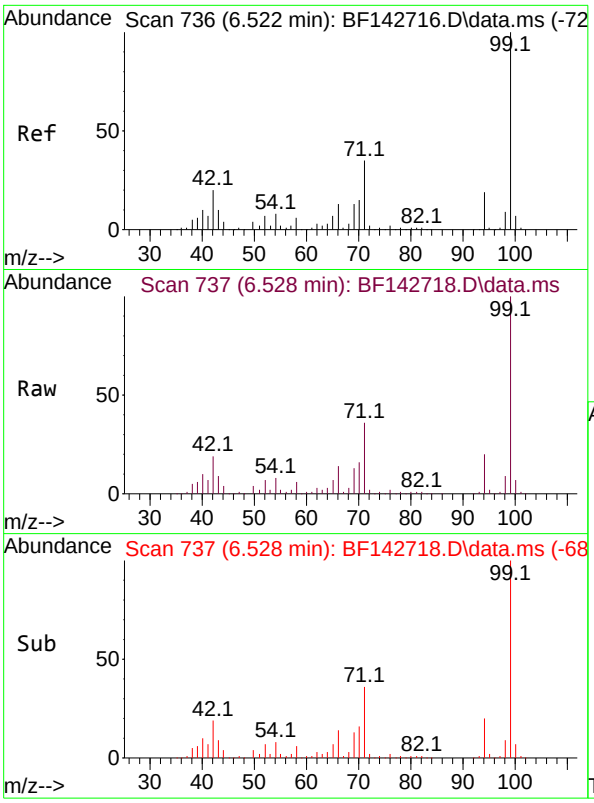


#6
Aniline
Concen: 60.241 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



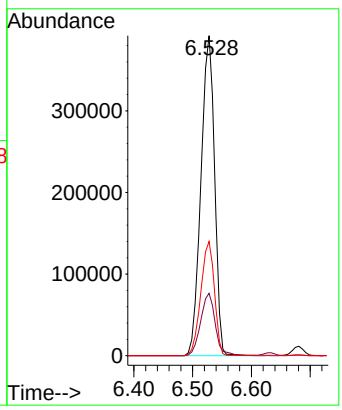


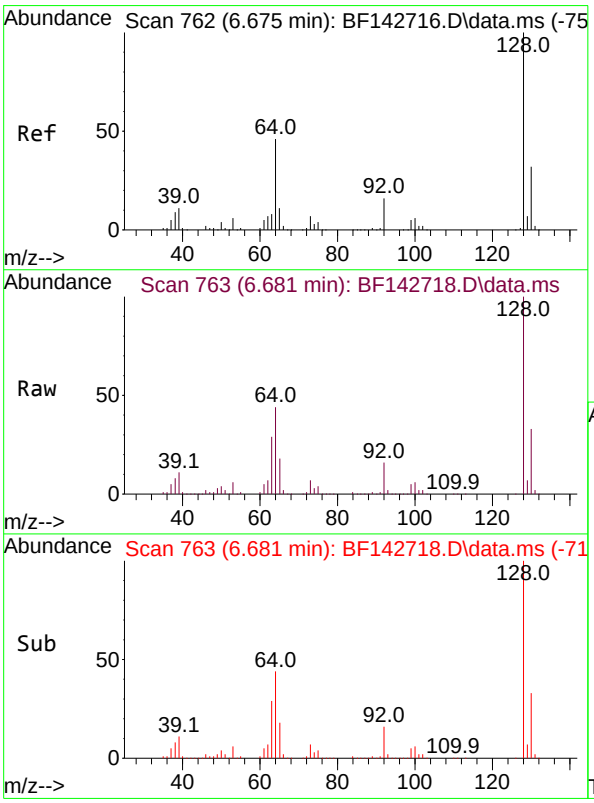
#7
Phenol-d6
Concen: 119.674 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

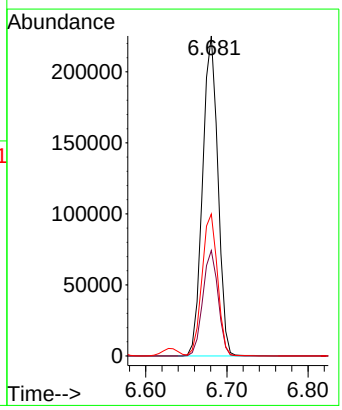


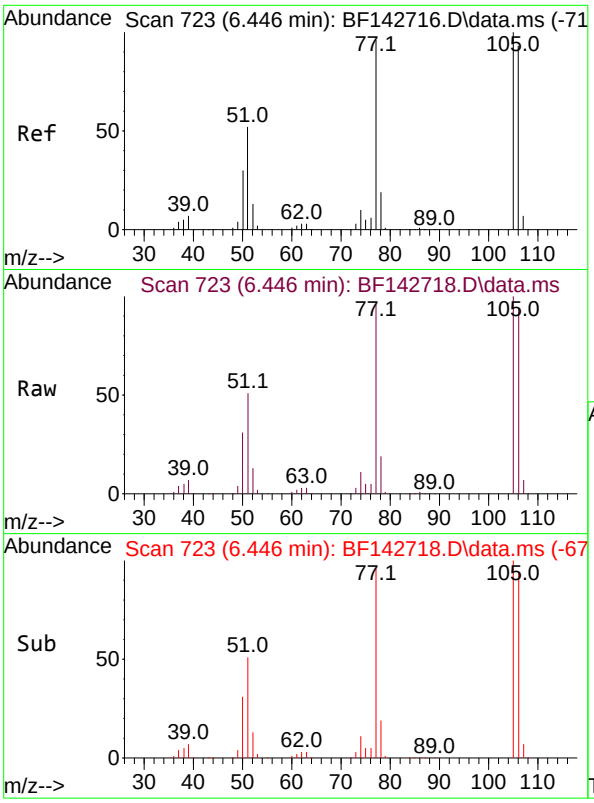


#8
2-Chlorophenol
Concen: 59.766 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



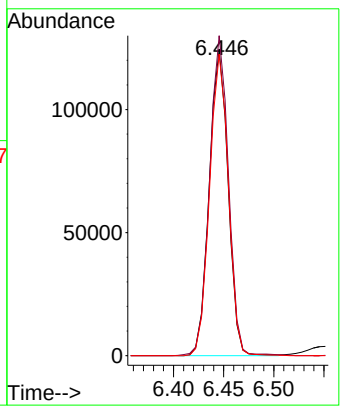


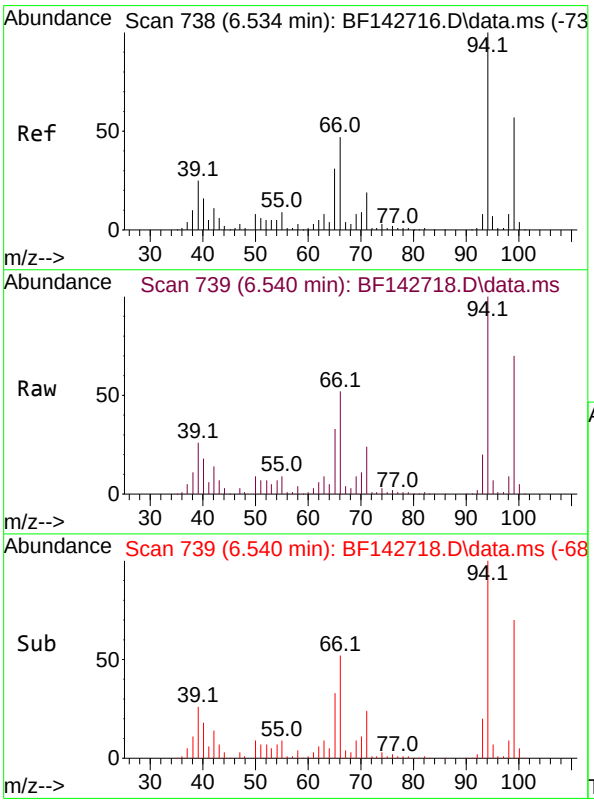
#9
Benzaldehyde
Concen: 54.343 ng
RT: 6.446 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

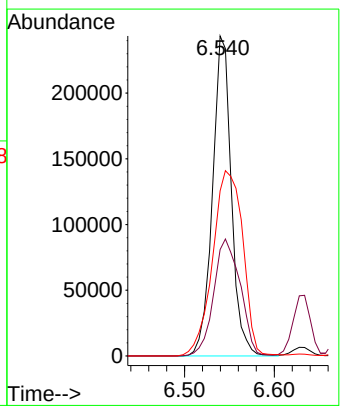


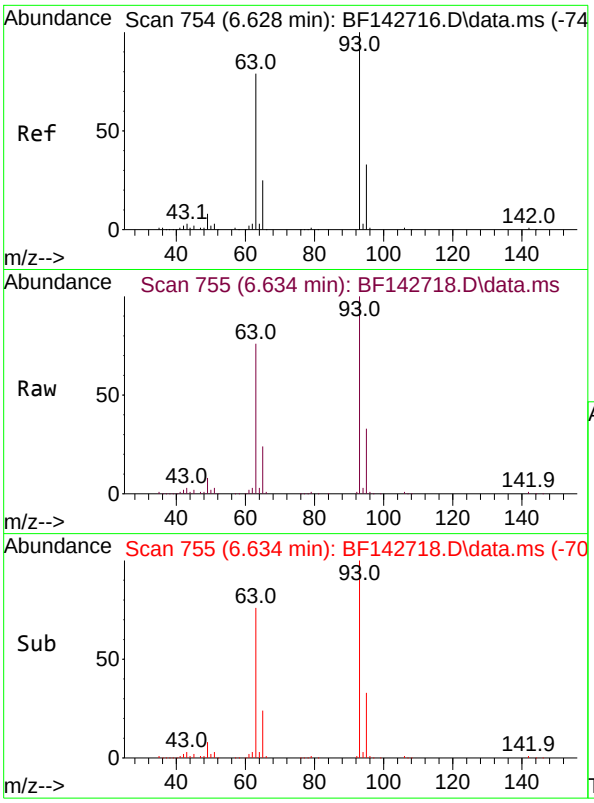


#10
Phenol
Concen: 60.220 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



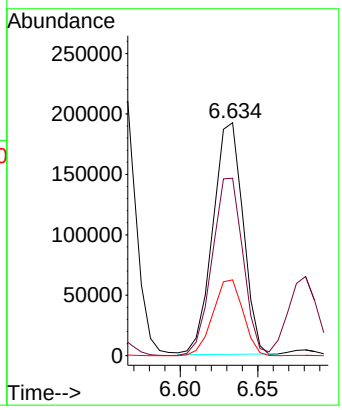


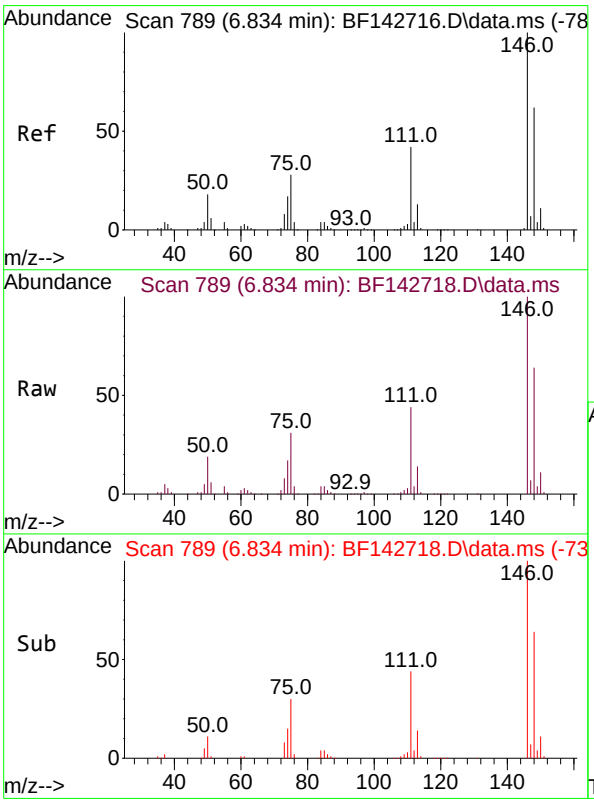
#11
bis(2-Chloroethyl)ether
Concen: 60.102 ng
RT: 6.634 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

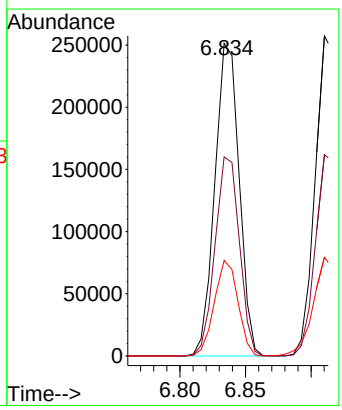


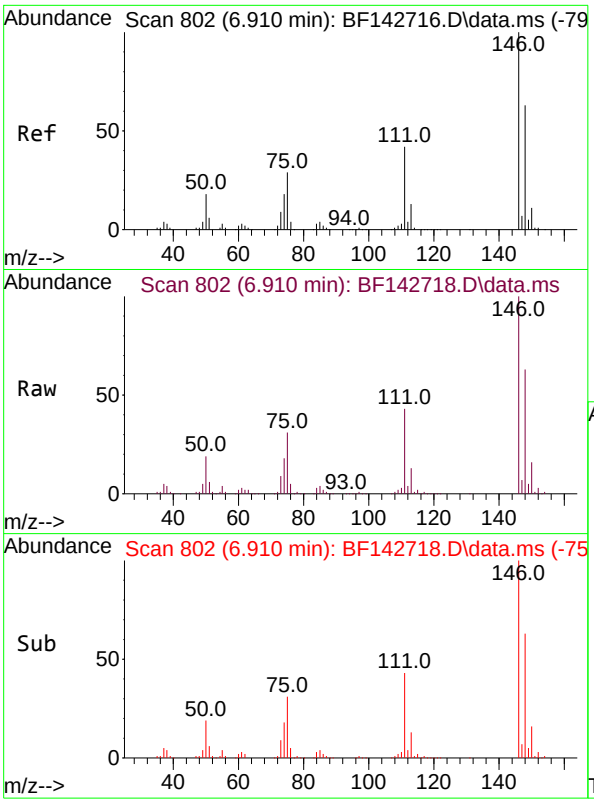


#12
1,3-Dichlorobenzene
Concen: 58.594 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



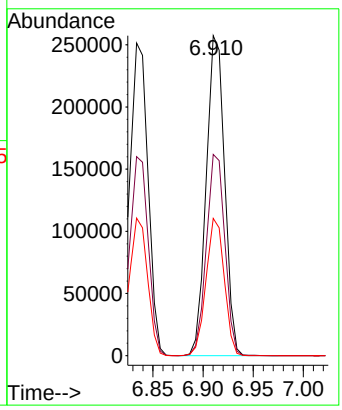


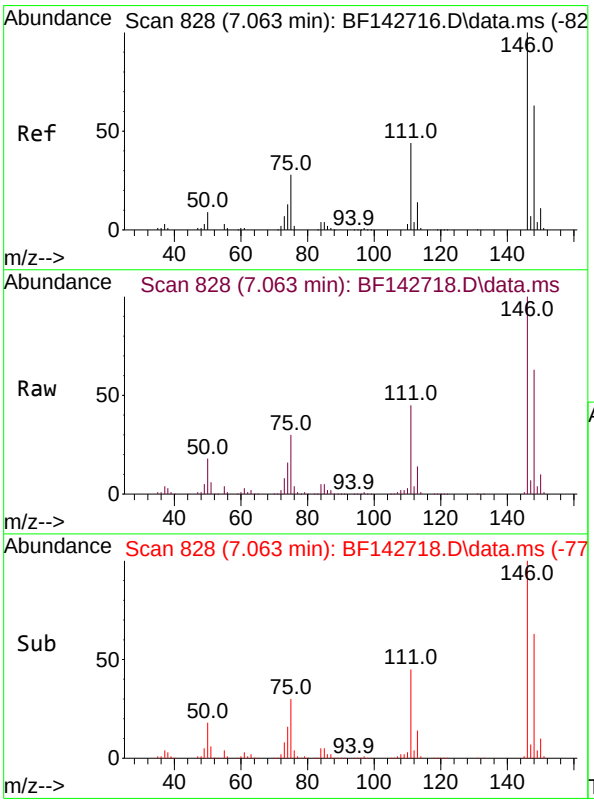
#13
1,4-Dichlorobenzene
Concen: 58.333 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

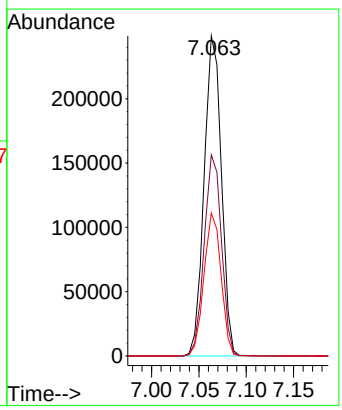


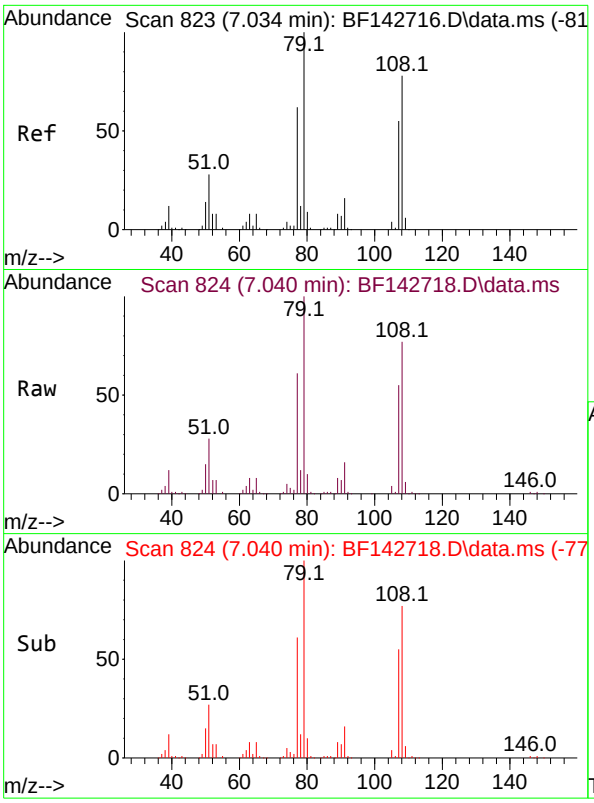


#14
1,2-Dichlorobenzene
Concen: 58.801 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



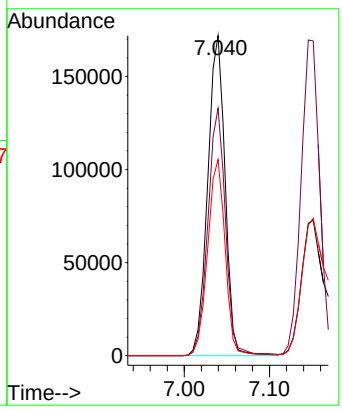


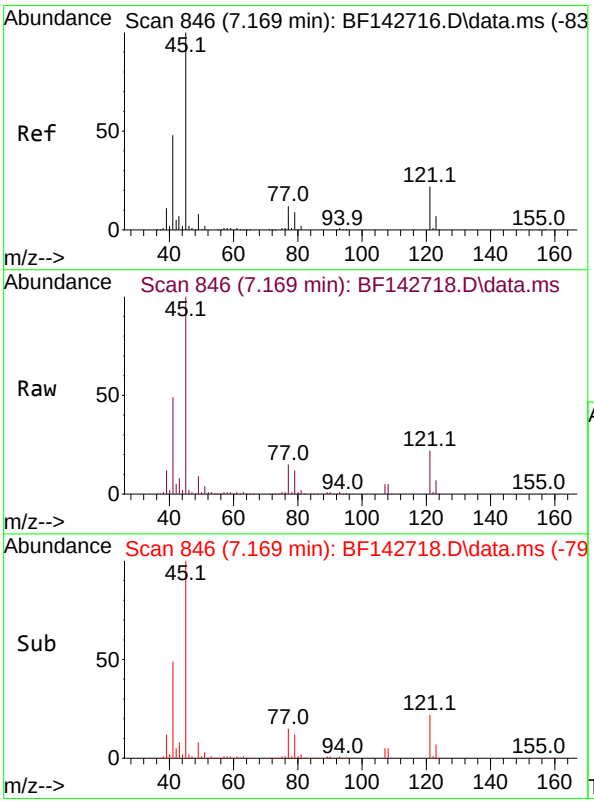
#15
Benzyl Alcohol
Concen: 62.521 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

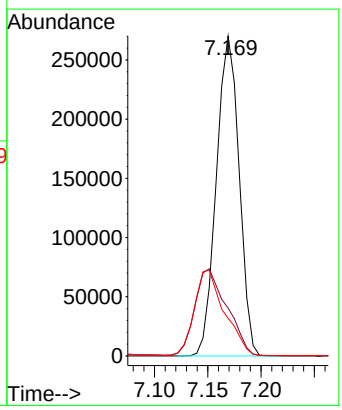


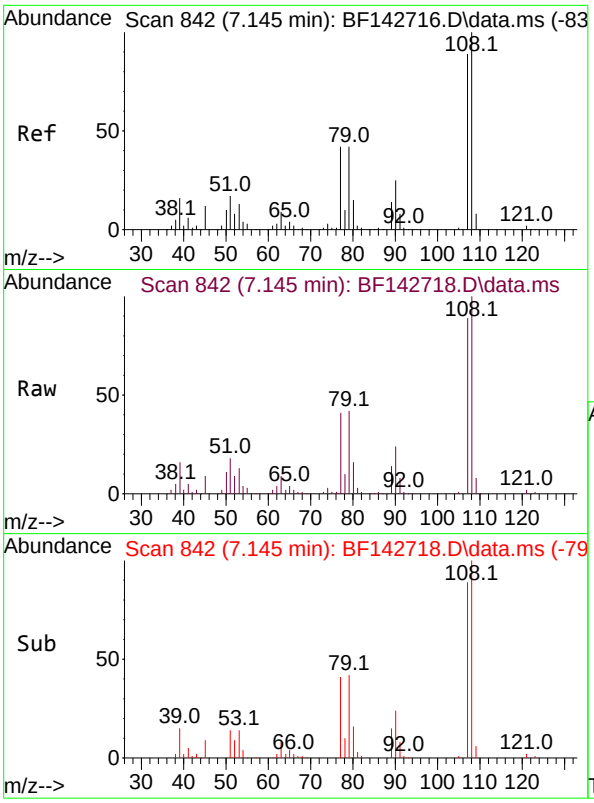


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.334 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



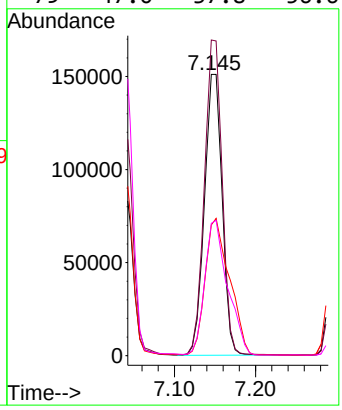


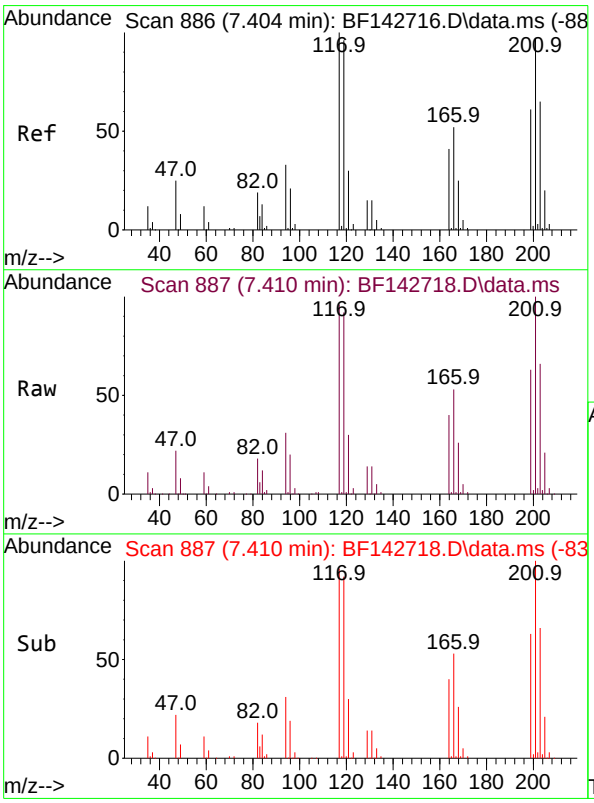
#17
2-Methylphenol
Concen: 60.631 ng
RT: 7.145 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

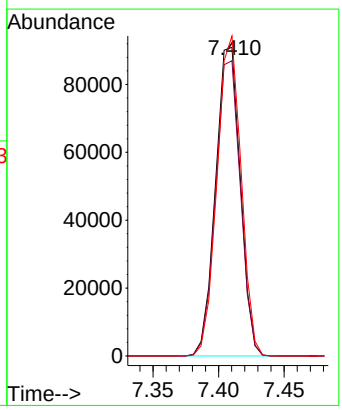


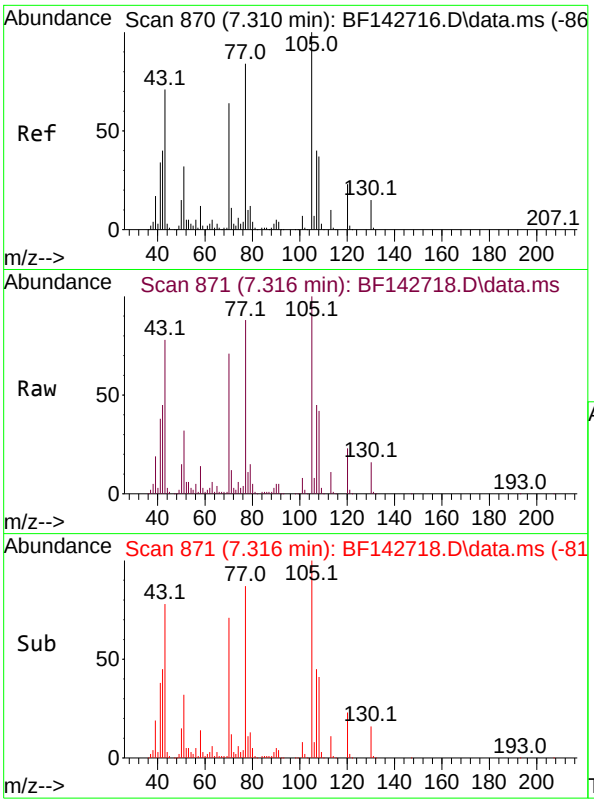


#18
Hexachloroethane
Concen: 61.325 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



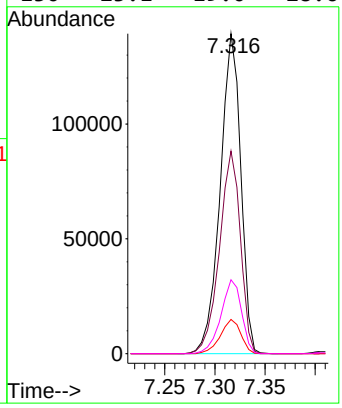


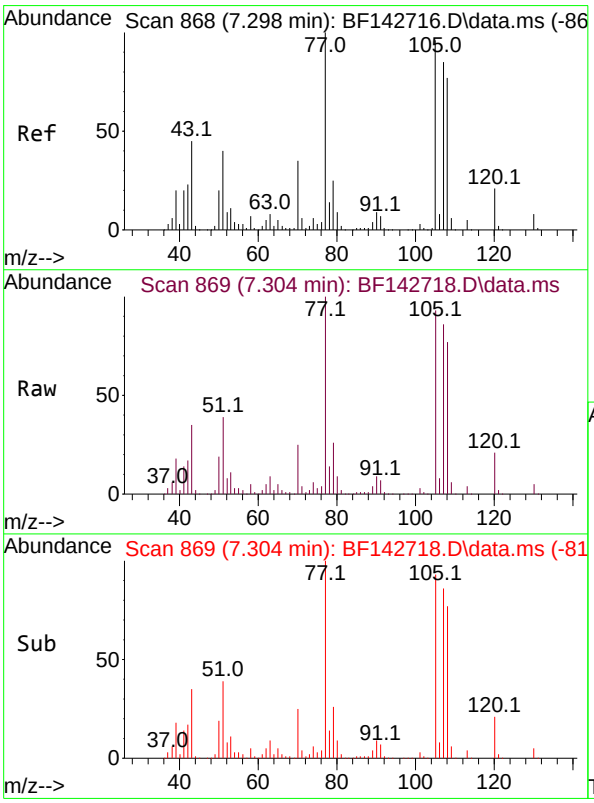
#19
n-Nitroso-di-n-propylamine
Concen: 63.413 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

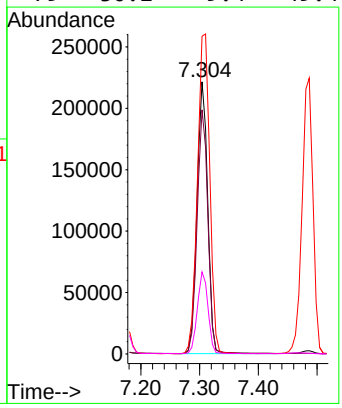


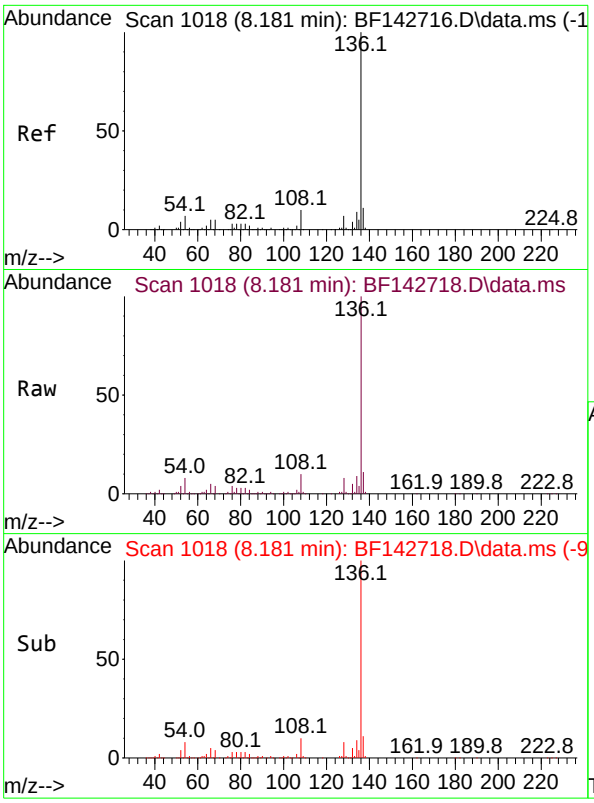


#20
3+4-Methylphenols
Concen: 60.024 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



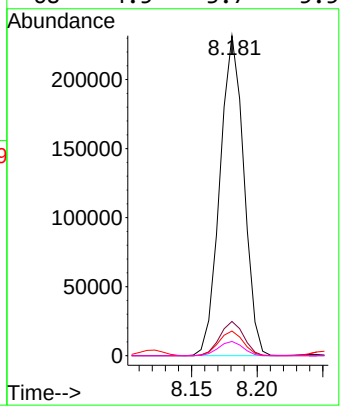


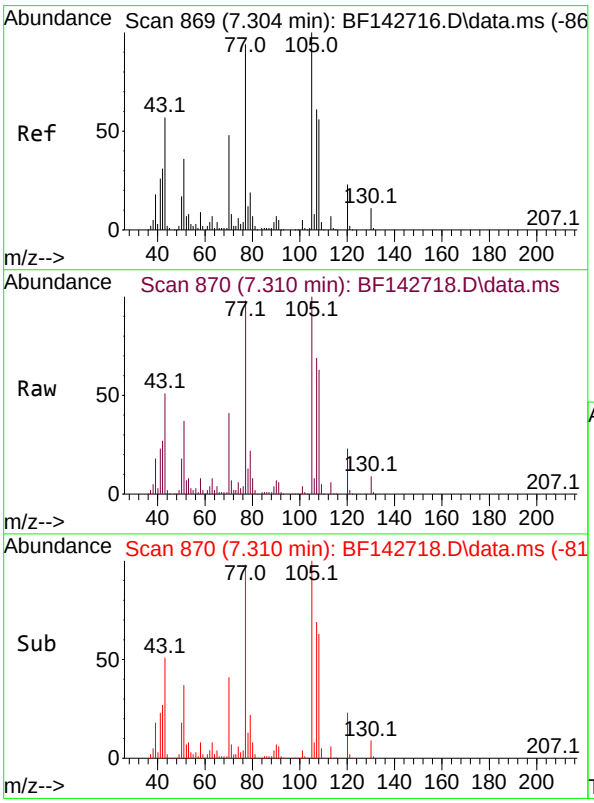
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

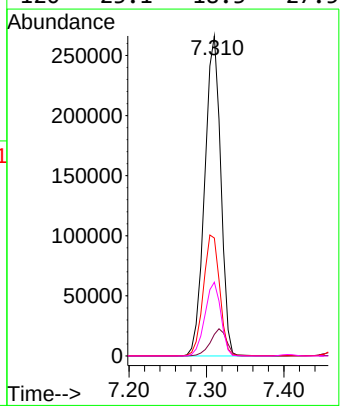


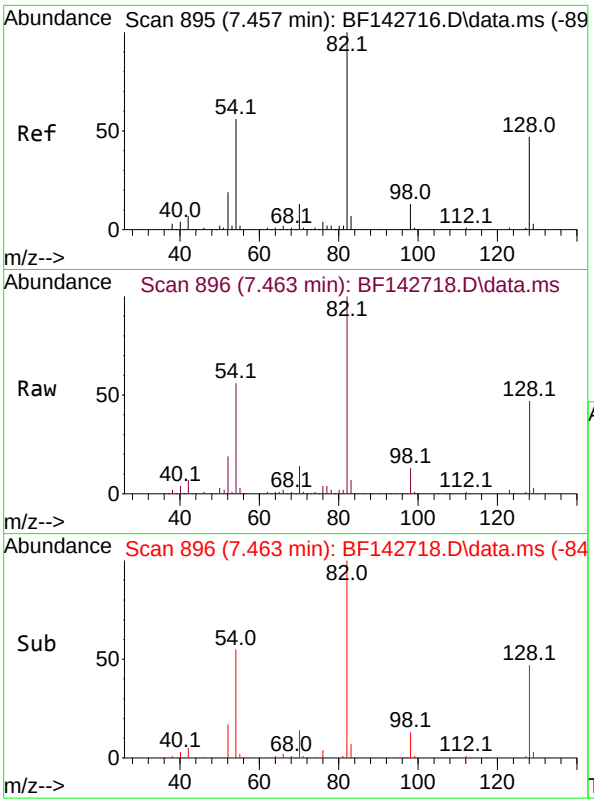


#22
Acetophenone
Concen: 59.455 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



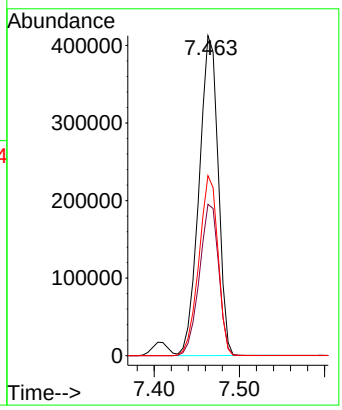


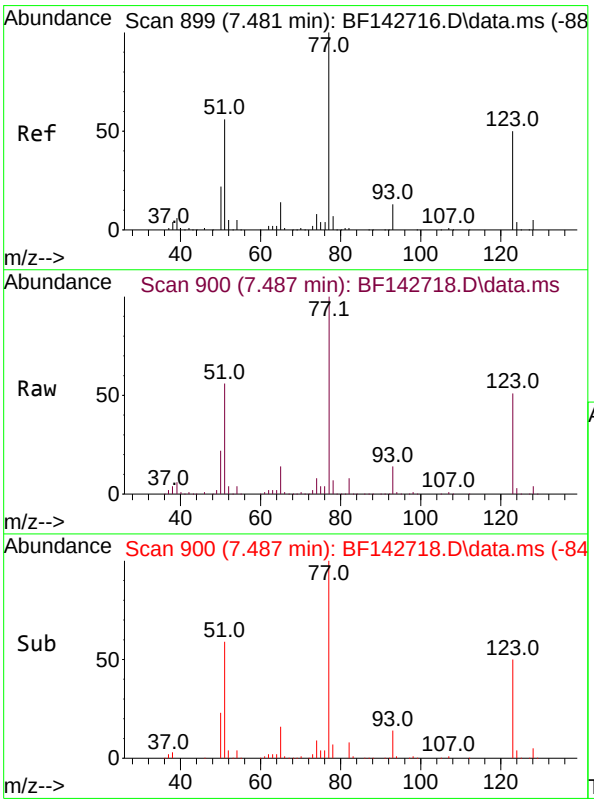
#23
Nitrobenzene-d5
Concen: 119.550 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

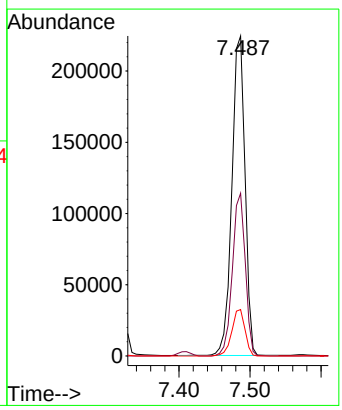


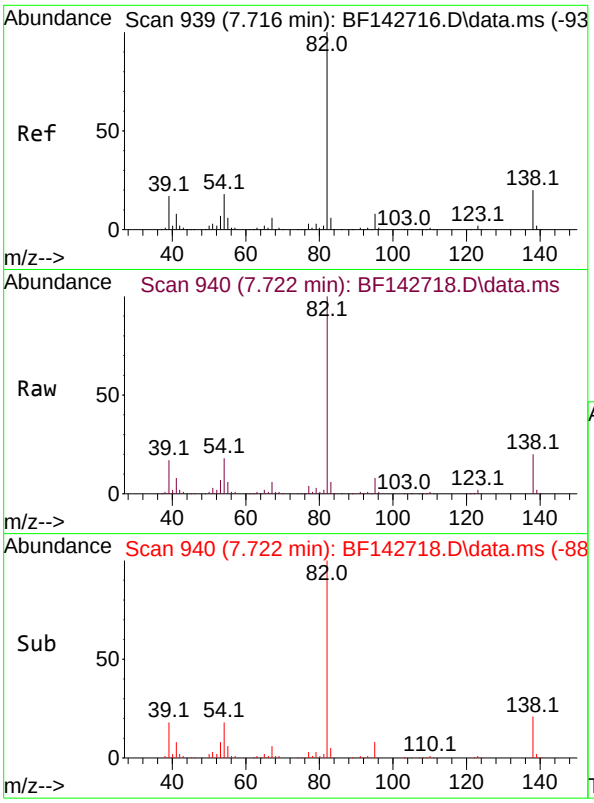


#24
Nitrobenzene
Concen: 59.877 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



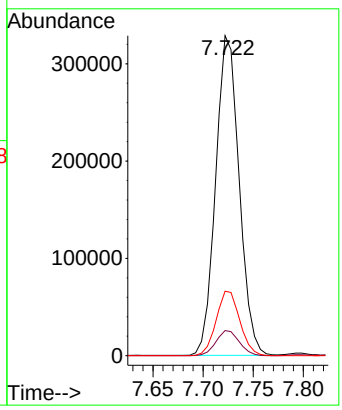


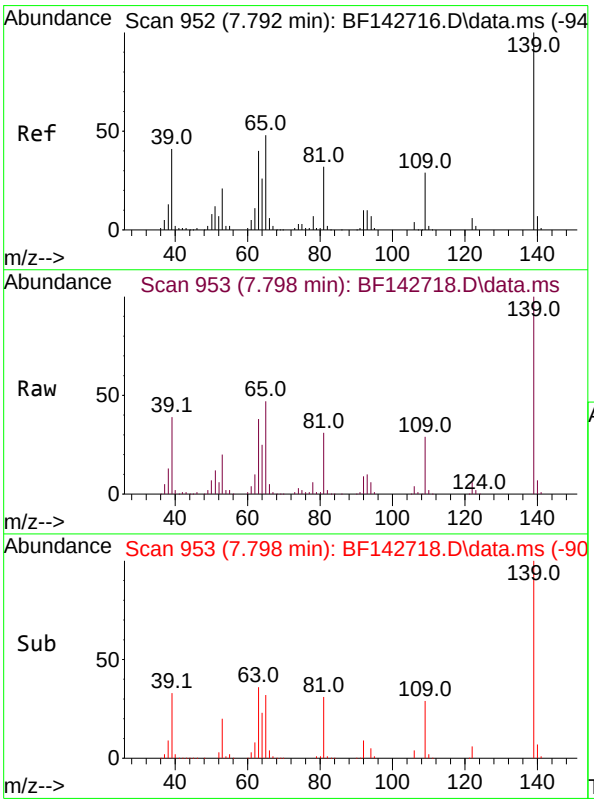
#25
Isophorone
Concen: 60.930 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

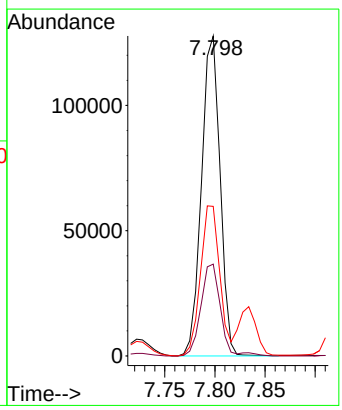


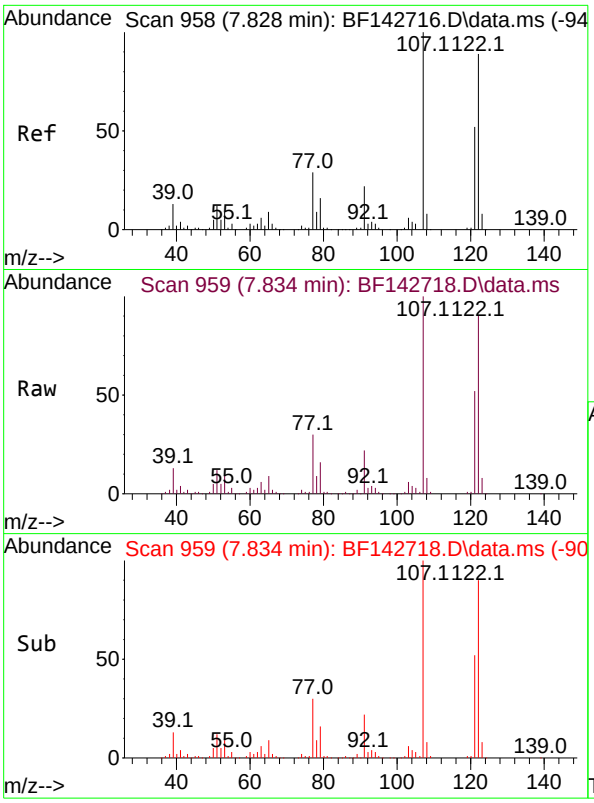


#26
2-Nitrophenol
Concen: 62.106 ng
RT: 7.798 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



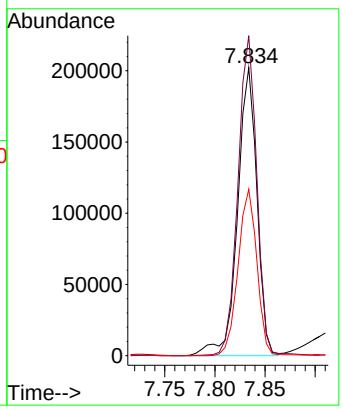


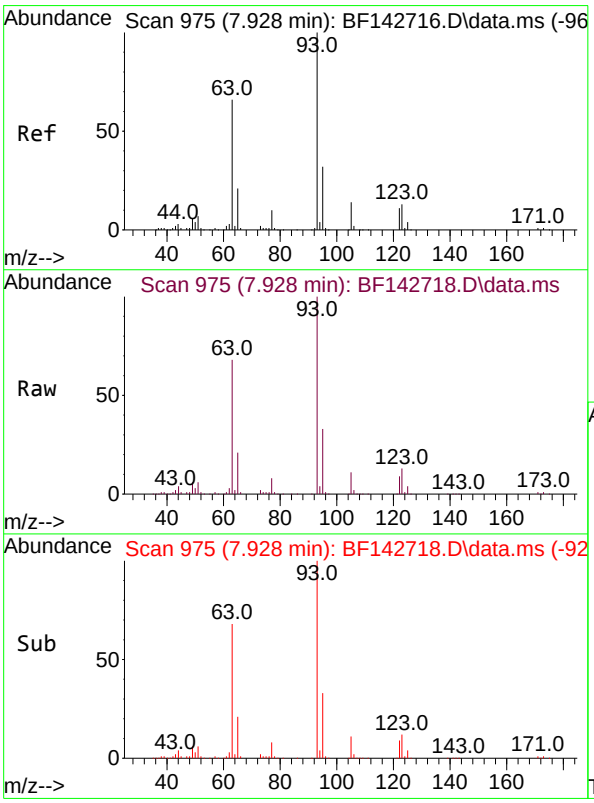
#27
2,4-Dimethylphenol
Concen: 60.007 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

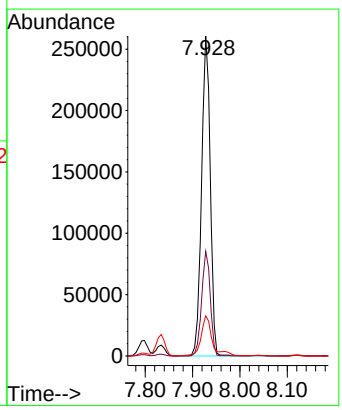


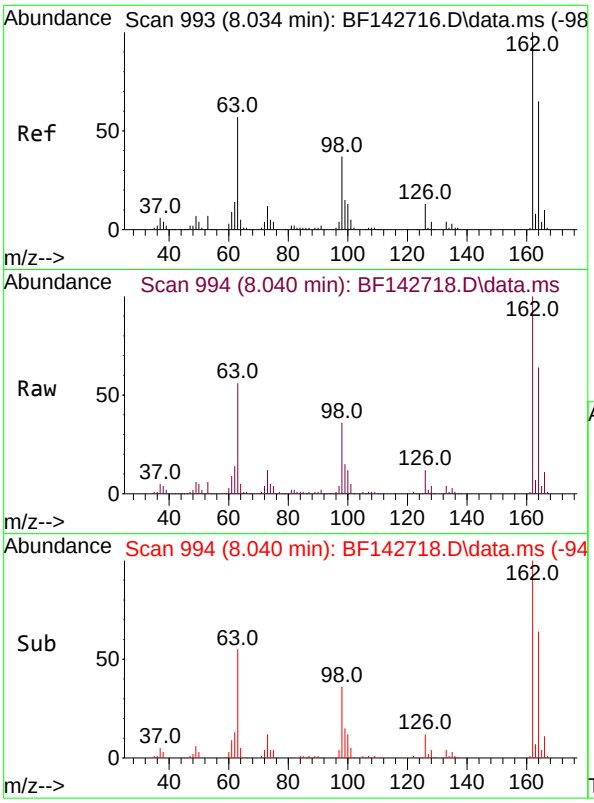


#28
bis(2-Chloroethoxy)methane
Concen: 61.172 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



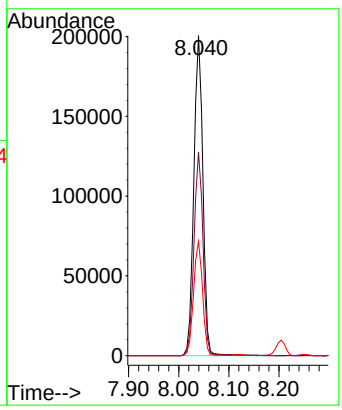


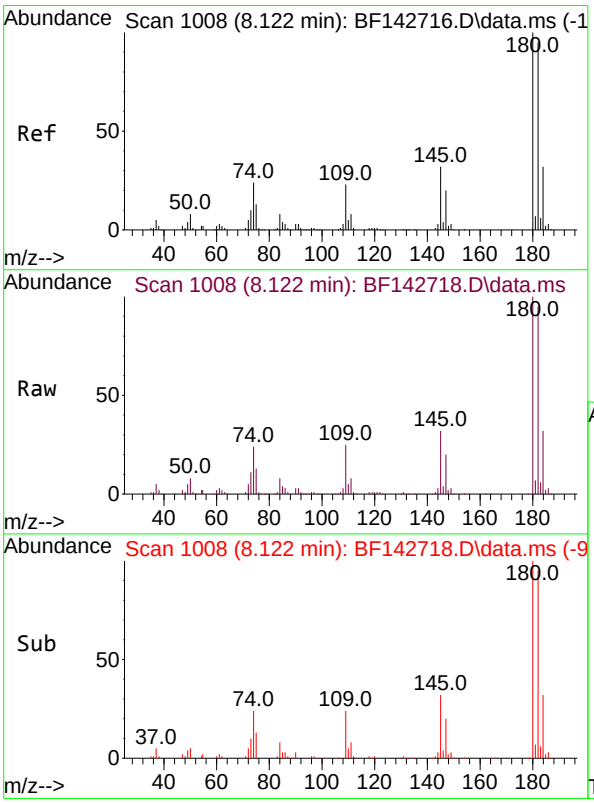
#29
2,4-Dichlorophenol
Concen: 60.958 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

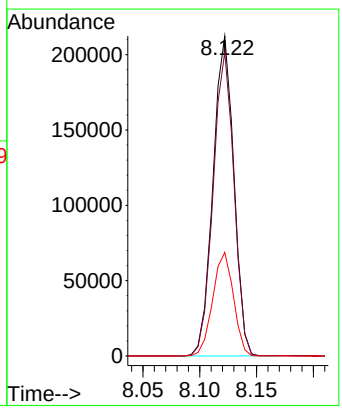


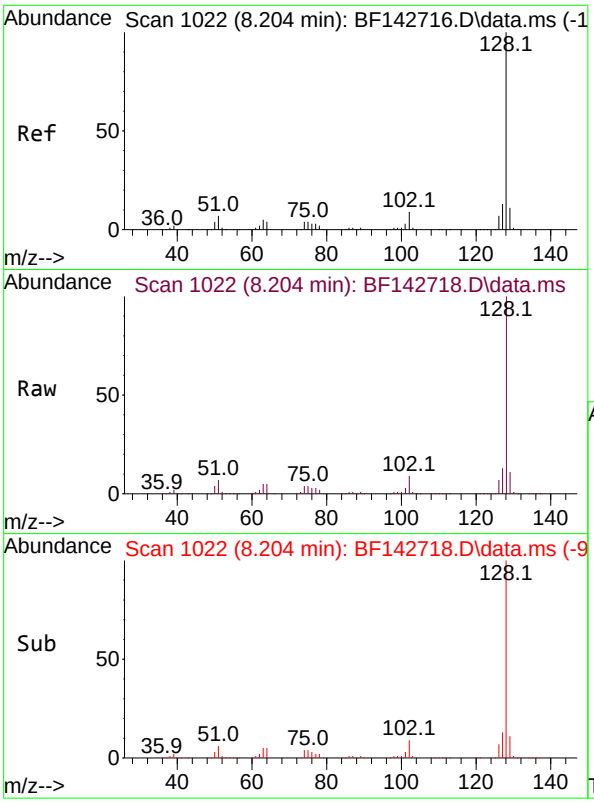


#30
1,2,4-Trichlorobenzene
Concen: 59.519 ng
RT: 8.122 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



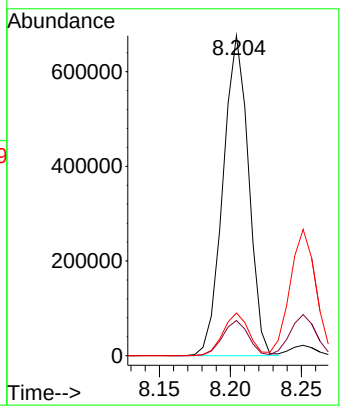


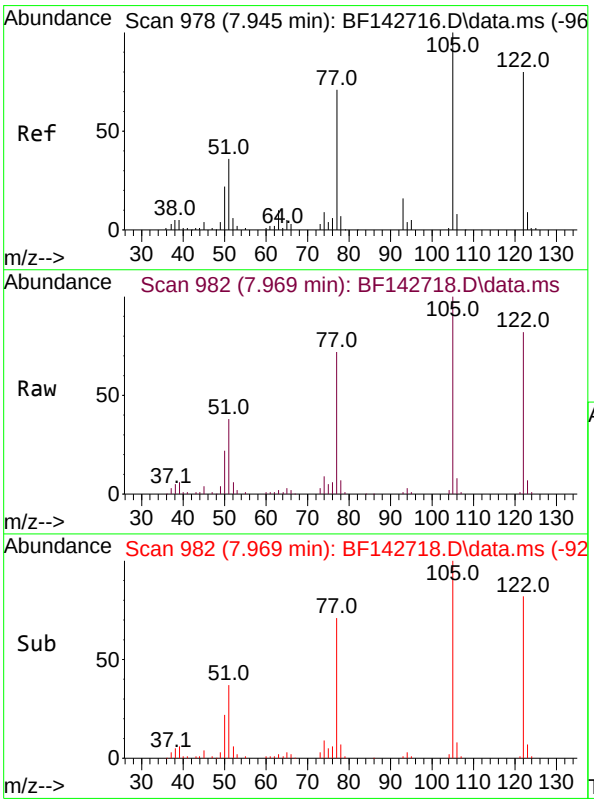
#31
Naphthalene
Concen: 58.328 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

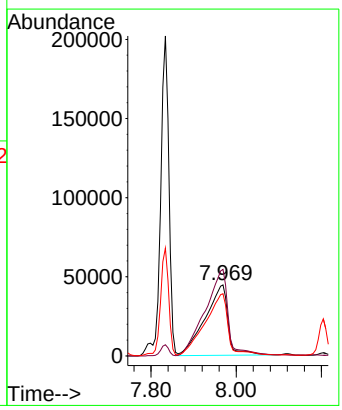


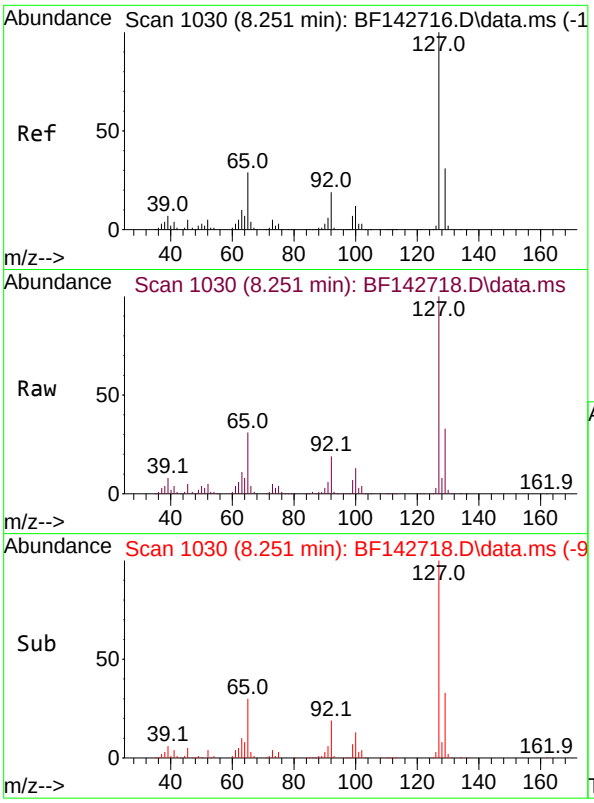


#32
Benzoic acid
Concen: 61.697 ng
RT: 7.969 min Scan# 982
Delta R.T. 0.024 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



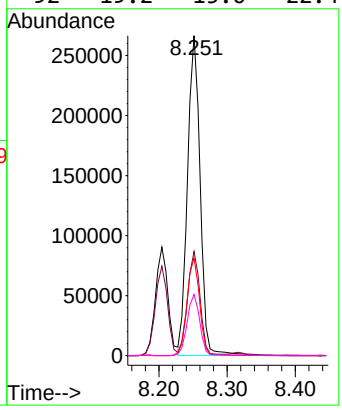


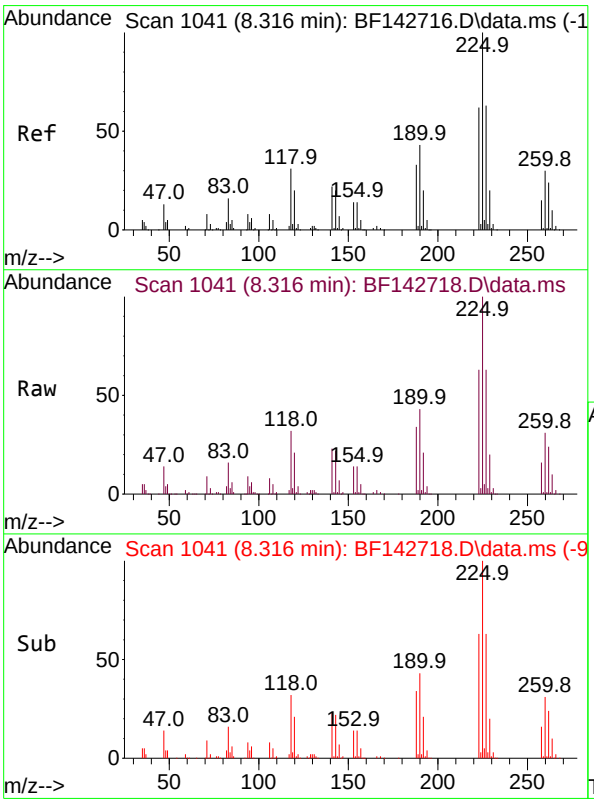
#33
4-Chloroaniline
Concen: 57.240 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

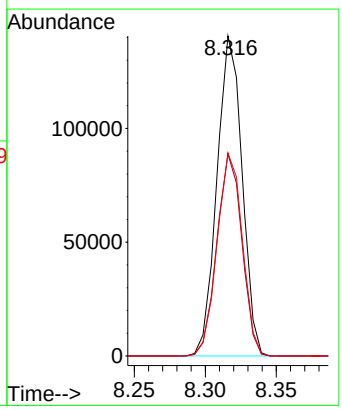


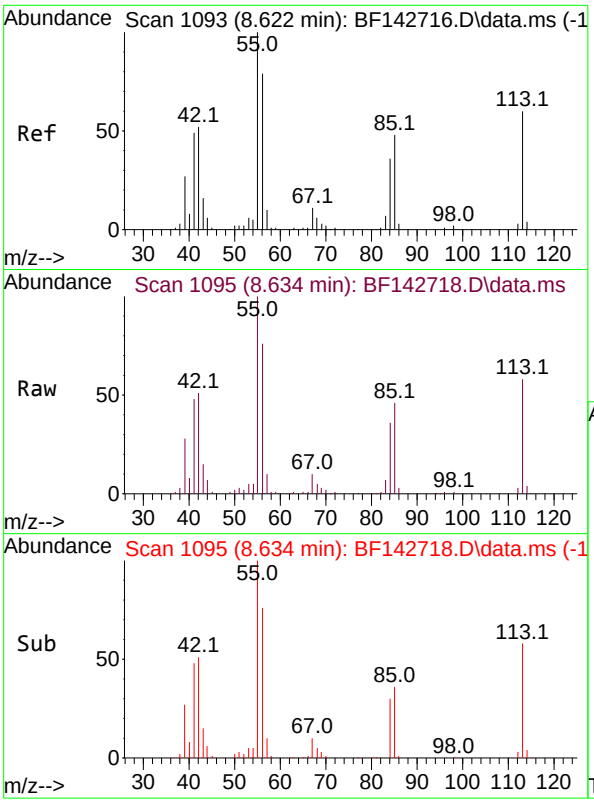


#34
Hexachlorobutadiene
Concen: 61.386 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



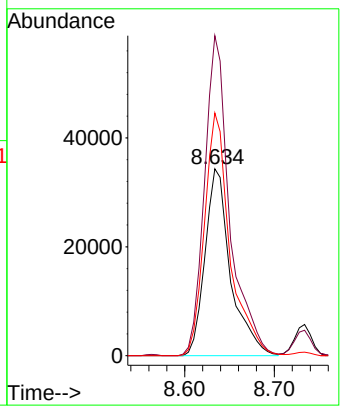


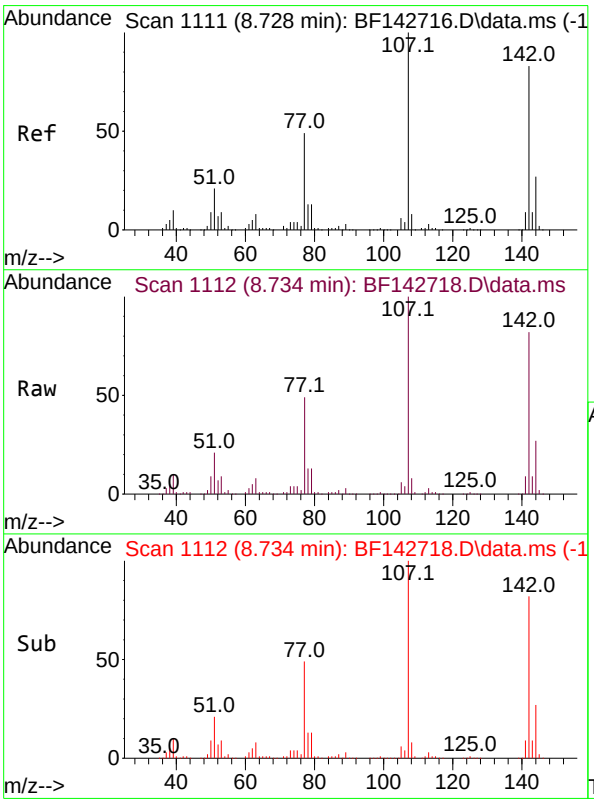
#35
Caprolactam
Concen: 54.327 ng
RT: 8.634 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

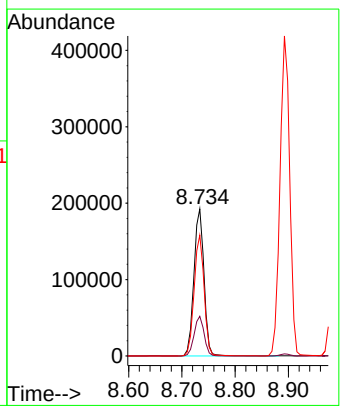


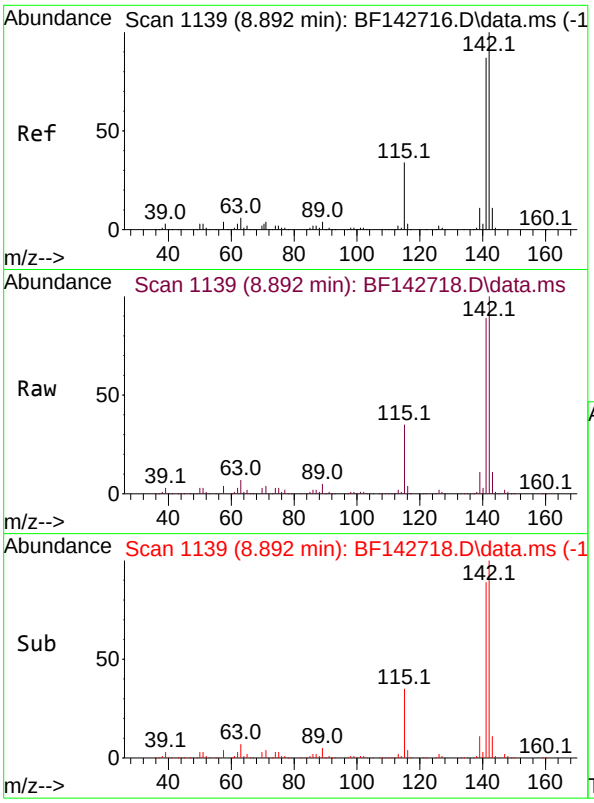


#36
4-Chloro-3-methylphenol
Concen: 58.512 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



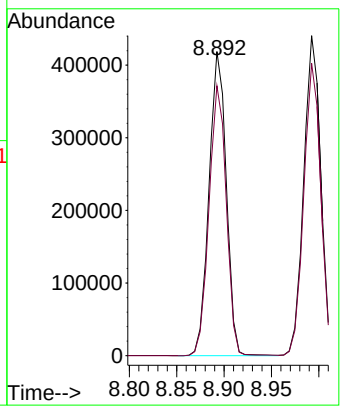


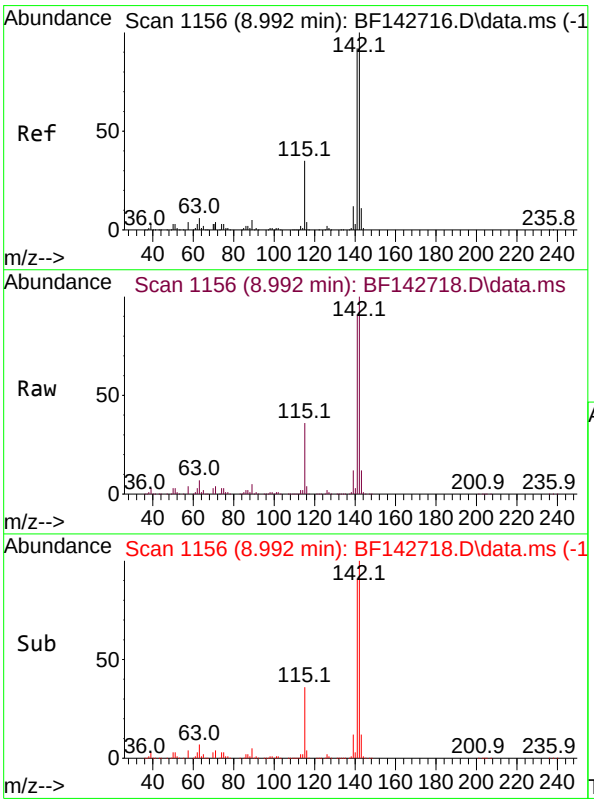
#37
2-Methylnaphthalene
Concen: 57.203 ng
RT: 8.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 529042

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9

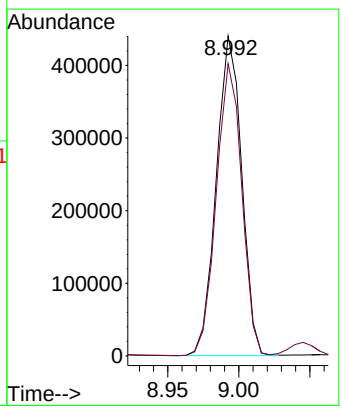


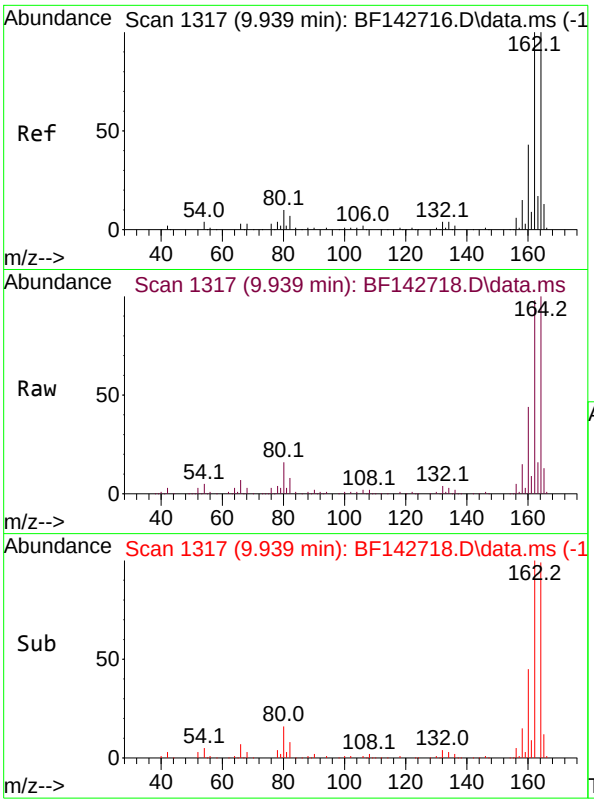


#38
1-Methylnaphthalene
Concen: 57.378 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

Tgt Ion:142 Resp: 547063

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3



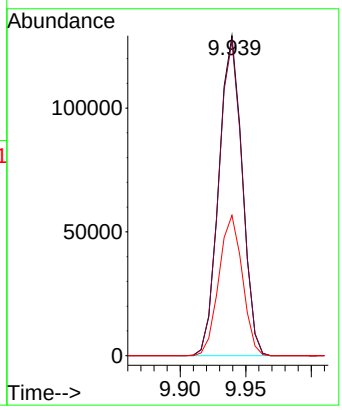


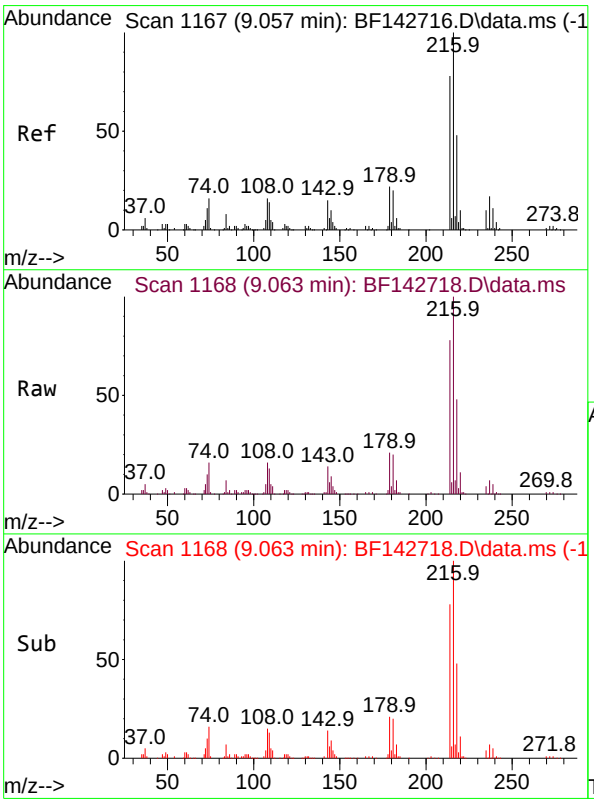
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

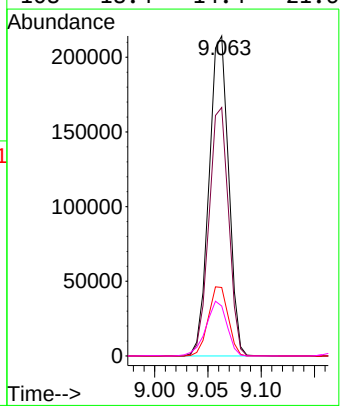


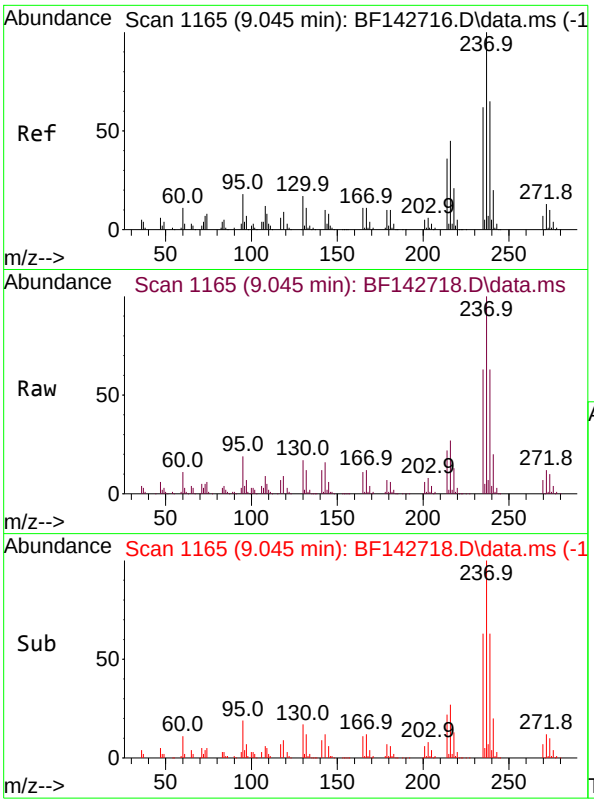


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.765 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



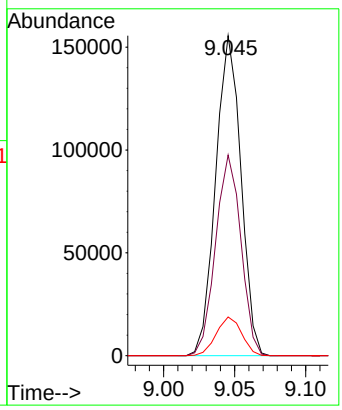


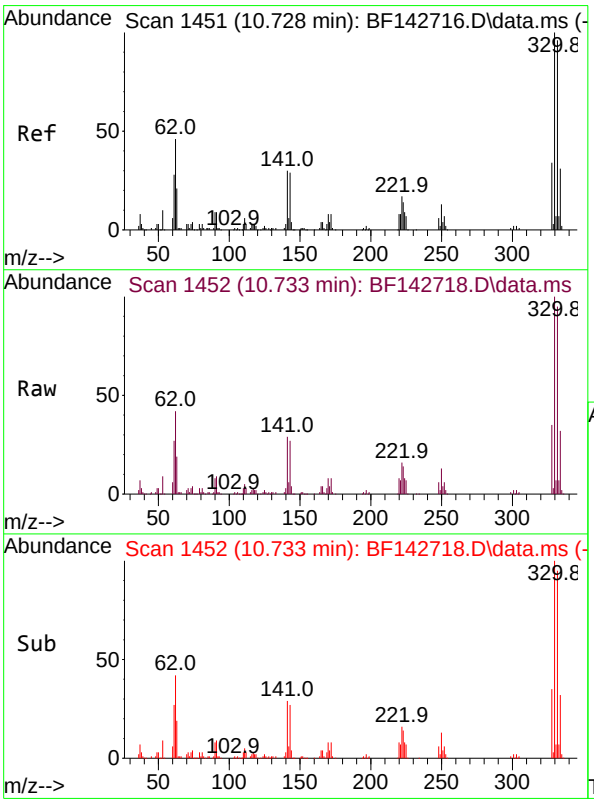
#41
Hexachlorocyclopentadiene
Concen: 69.182 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

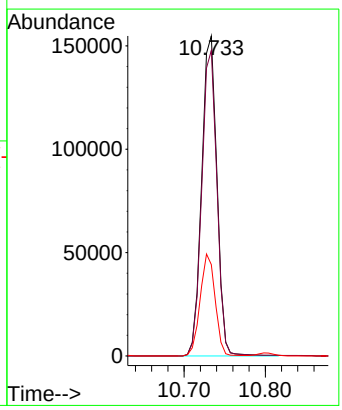


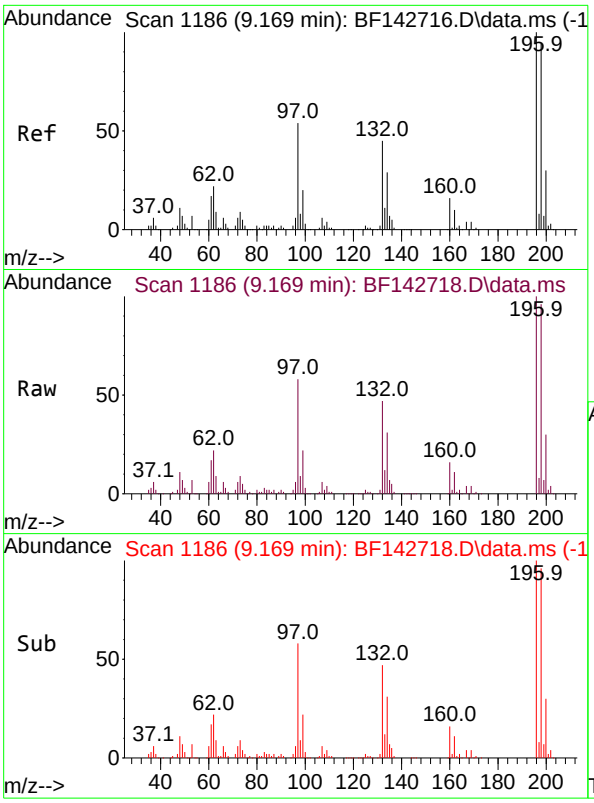


#42
2,4,6-Tribromophenol
Concen: 112.478 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



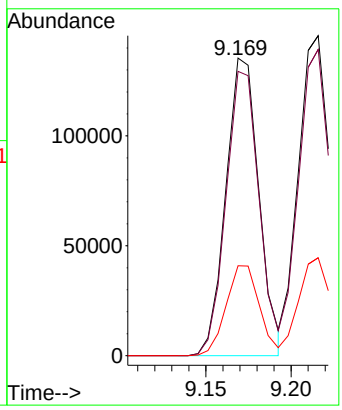


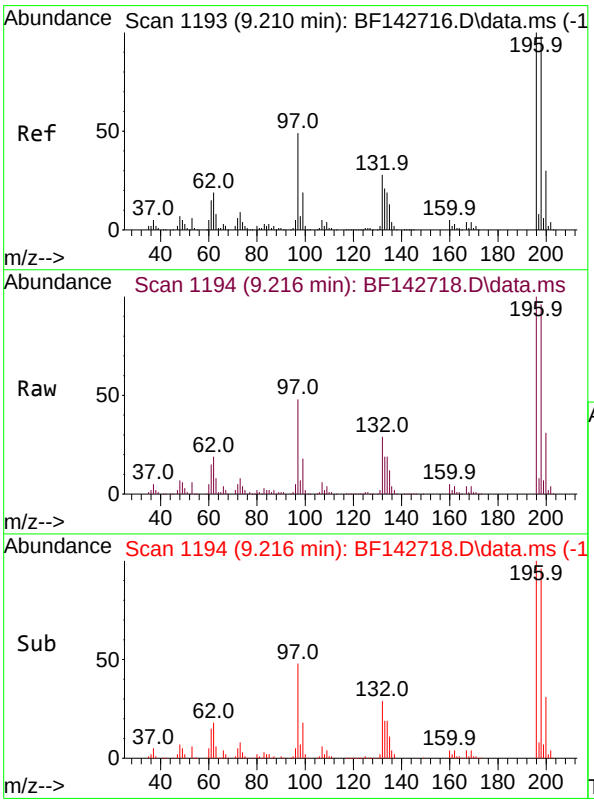
#43
2,4,6-Trichlorophenol
Concen: 60.028 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

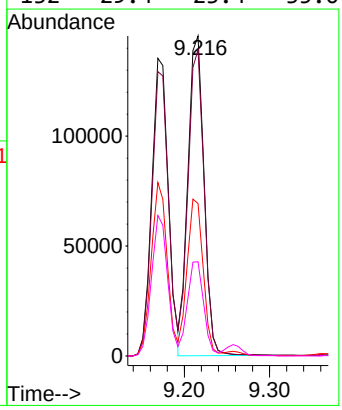


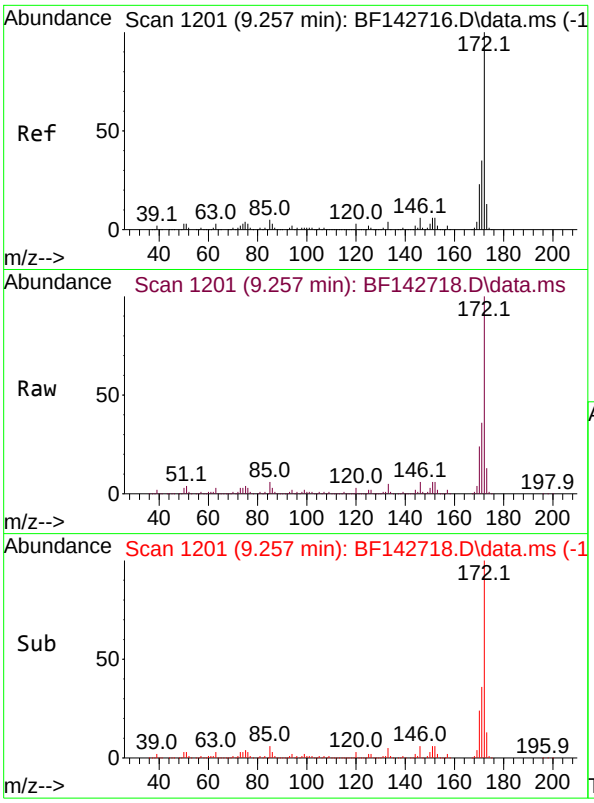


#44
2,4,5-Trichlorophenol
Concen: 58.800 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



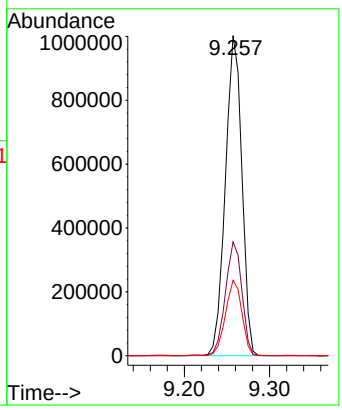


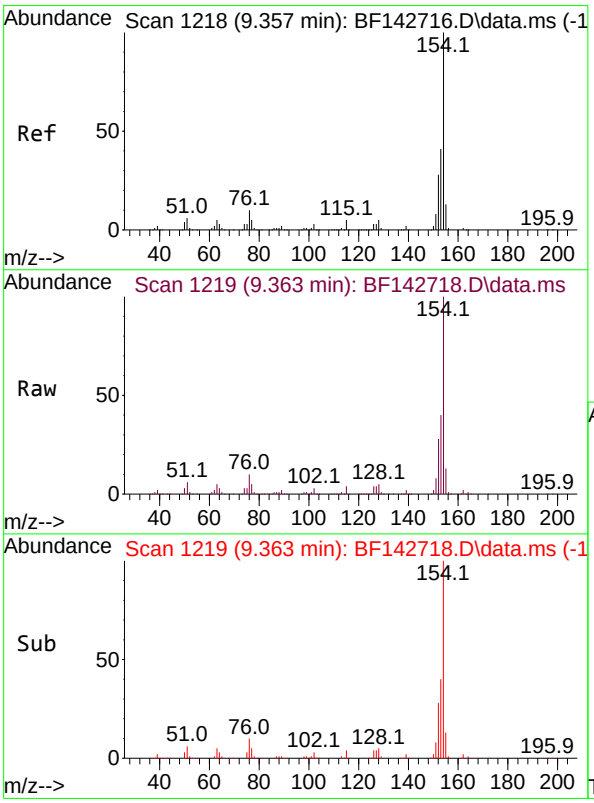
#45
2-Fluorobiphenyl
Concen: 114.204 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

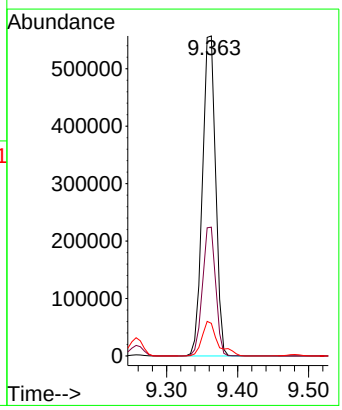


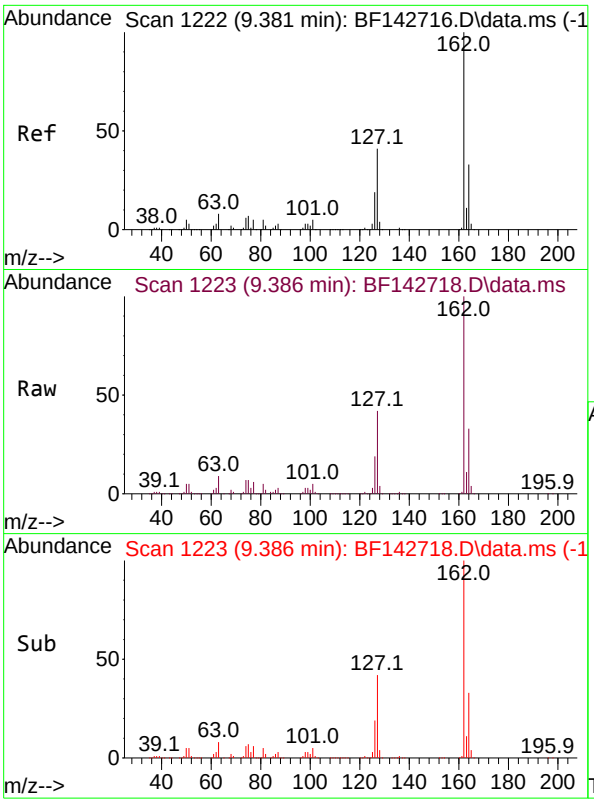


#46
1,1'-Biphenyl
Concen: 57.886 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



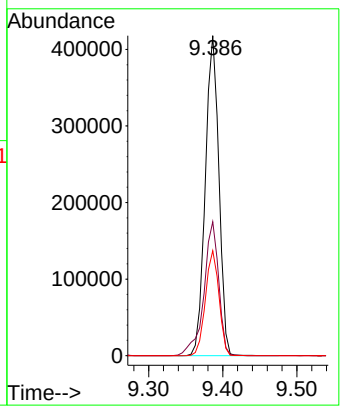


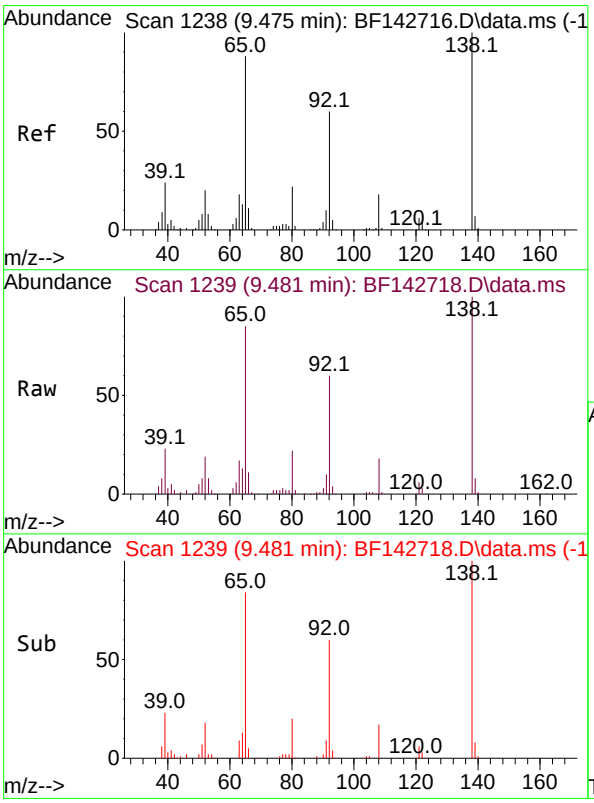
#47
2-Chloronaphthalene
Concen: 57.172 ng
RT: 9.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

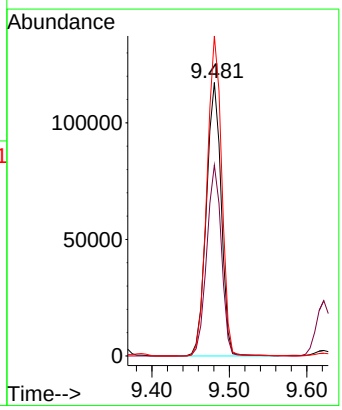


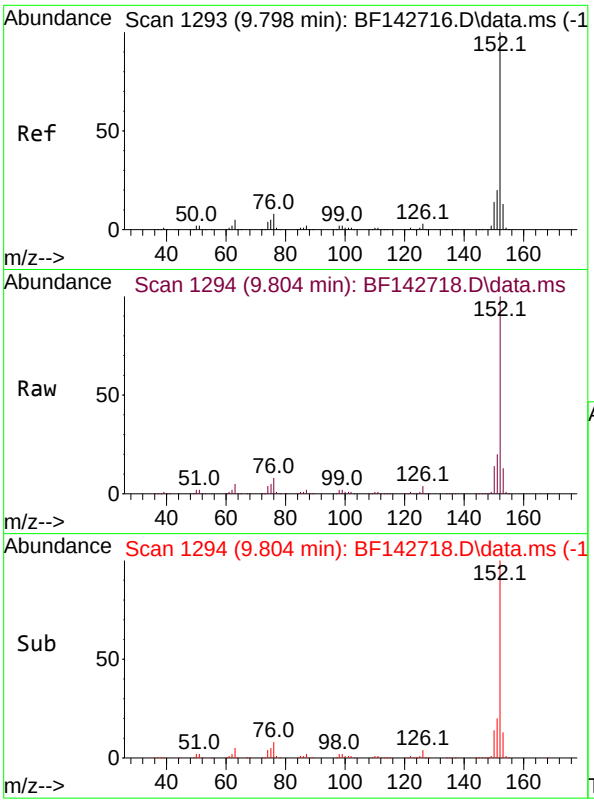


#48
2-Nitroaniline
Concen: 56.877 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



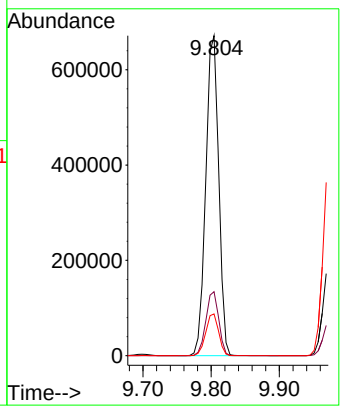


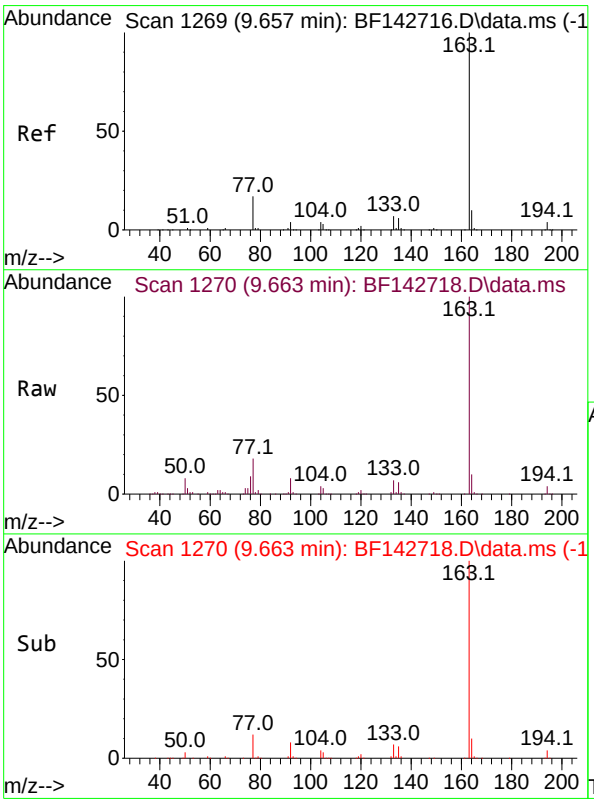
#49
Acenaphthylene
Concen: 57.422 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

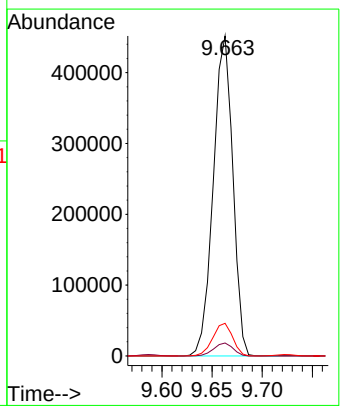


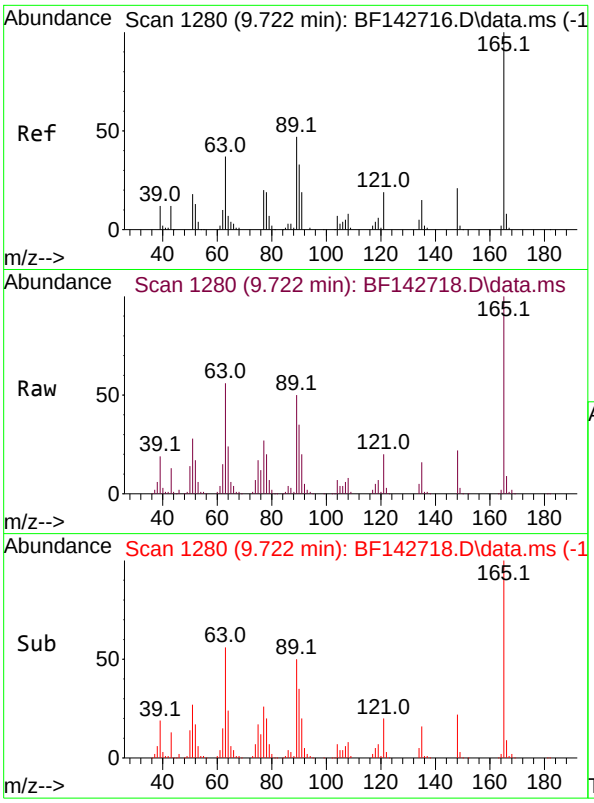


#50
Dimethylphthalate
Concen: 56.791 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



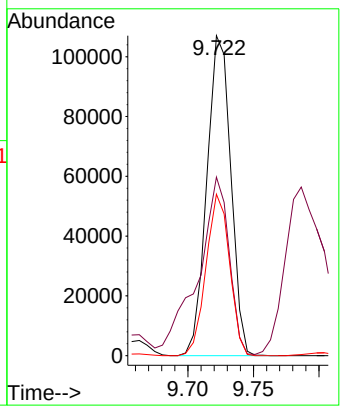


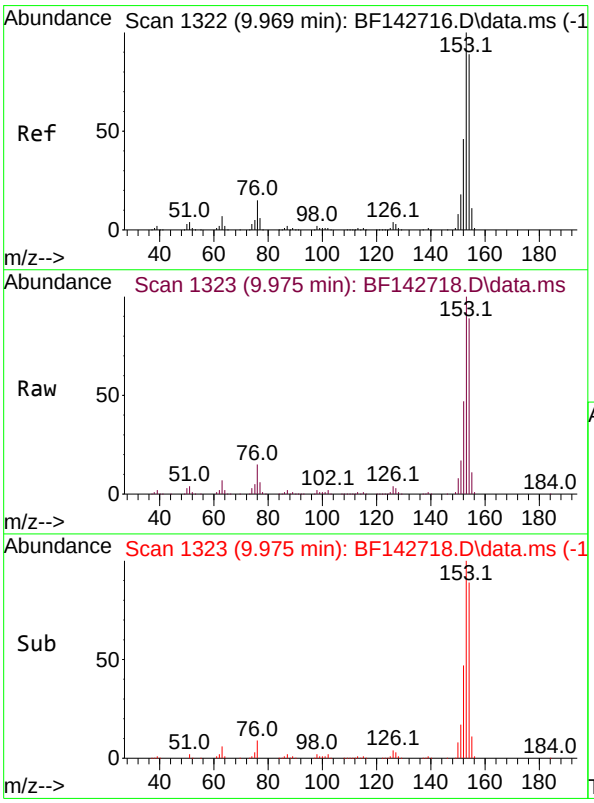
#51
2,6-Dinitrotoluene
Concen: 58.247 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

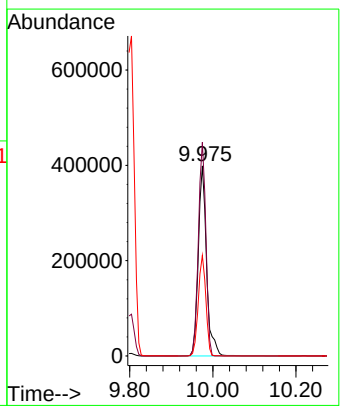


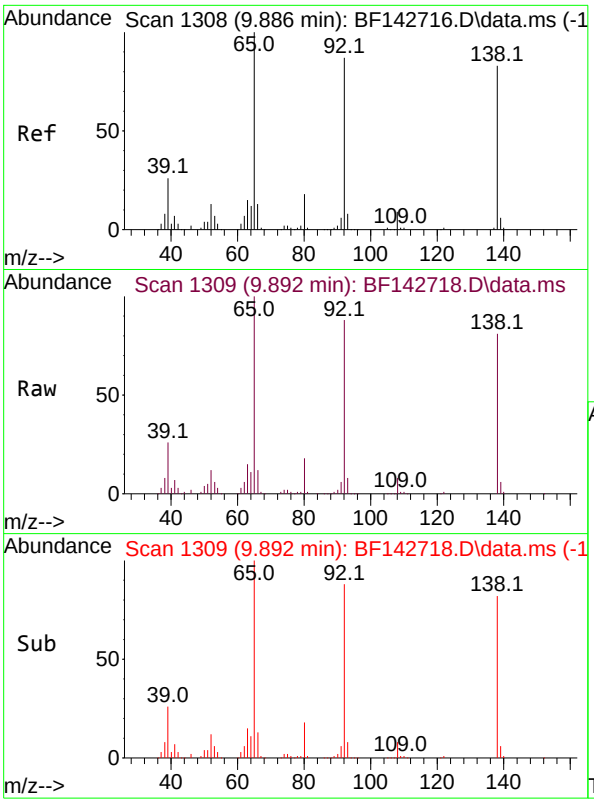


#52
Acenaphthene
Concen: 58.676 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



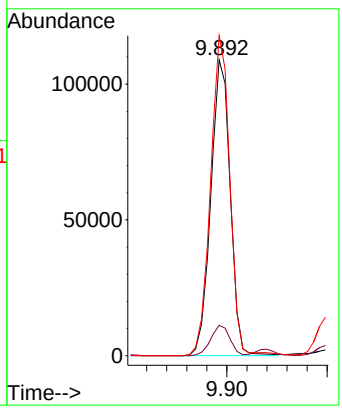


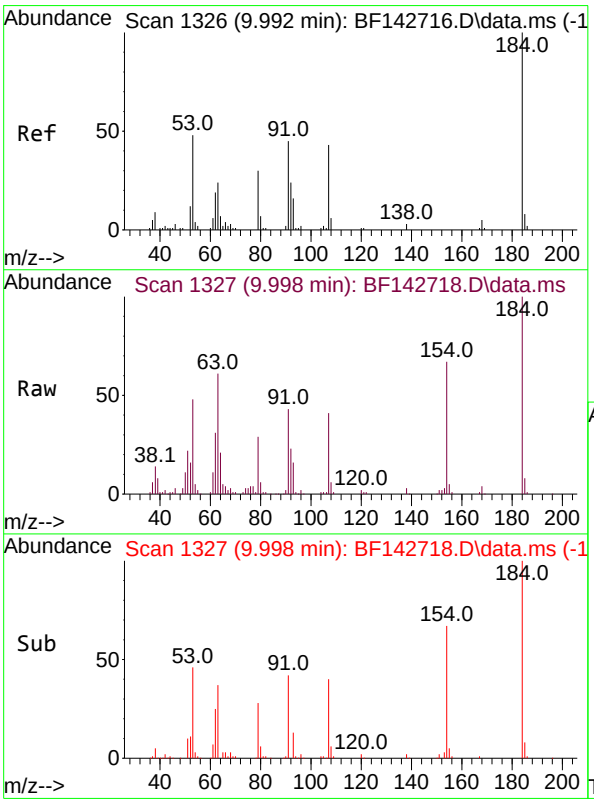
#53
3-Nitroaniline
Concen: 56.156 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

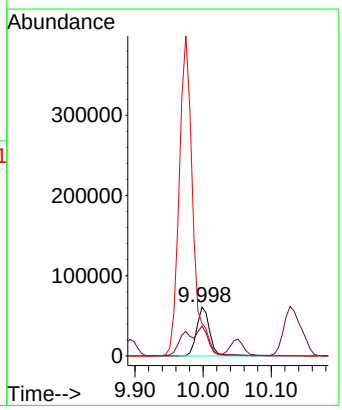


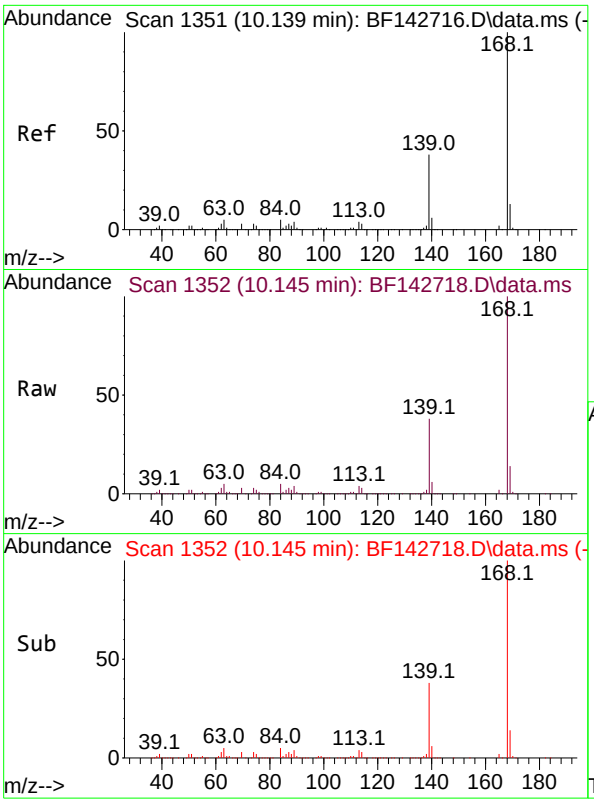


#54
2,4-Dinitrophenol
Concen: 63.685 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



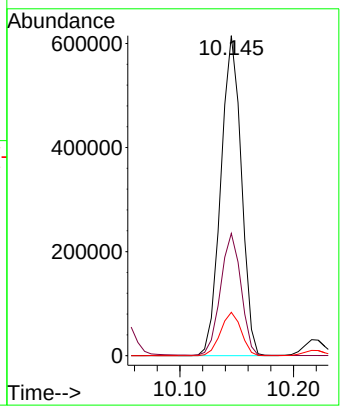


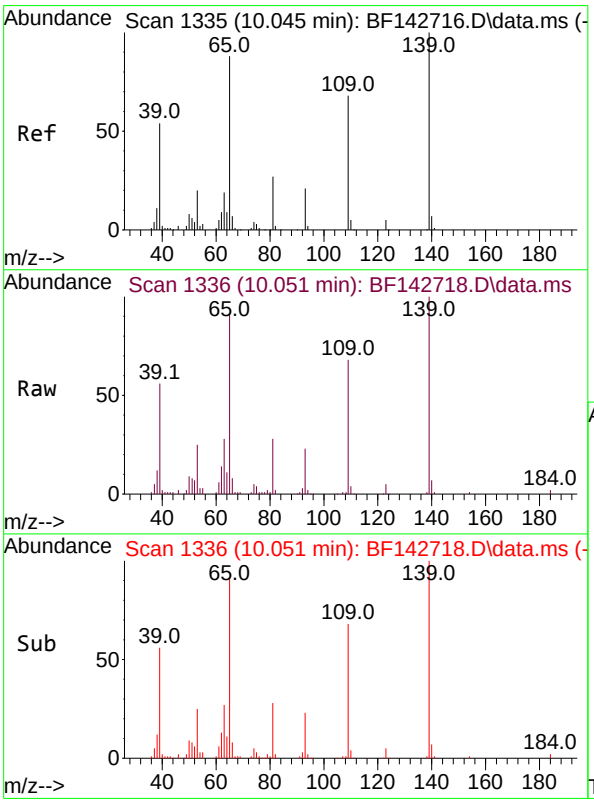
#55
Dibenzofuran
Concen: 56.888 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

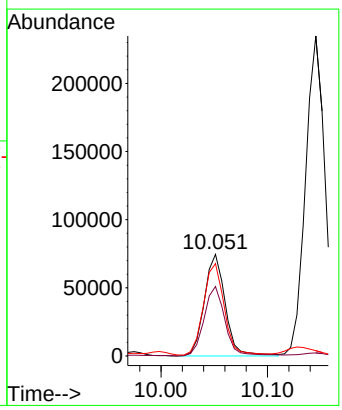


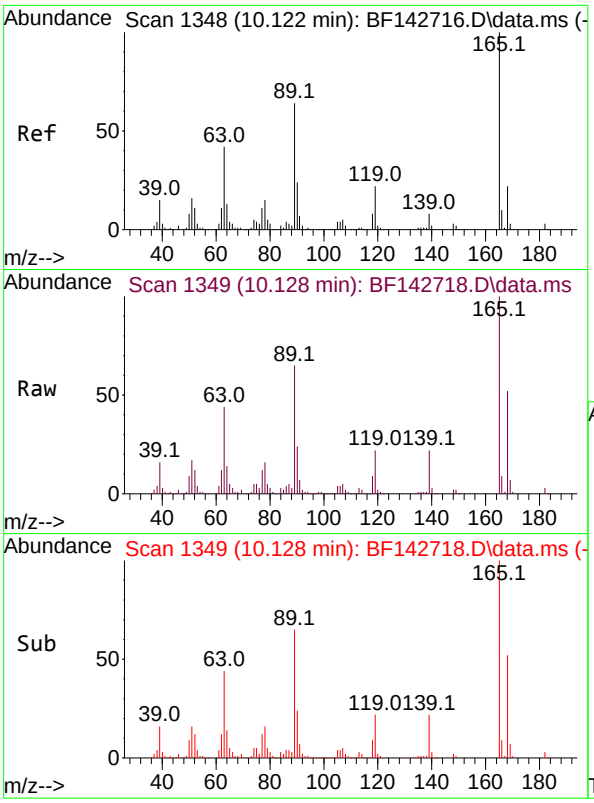


#56
4-Nitrophenol
Concen: 57.277 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



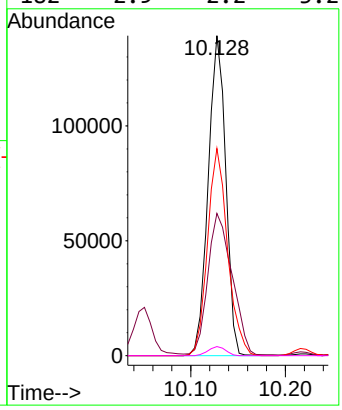


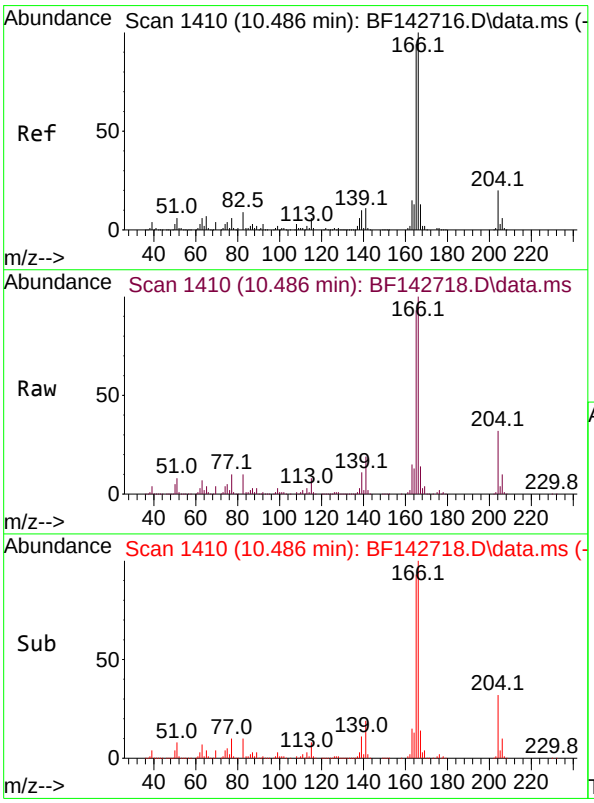
#57
2,4-Dinitrotoluene
Concen: 57.408 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

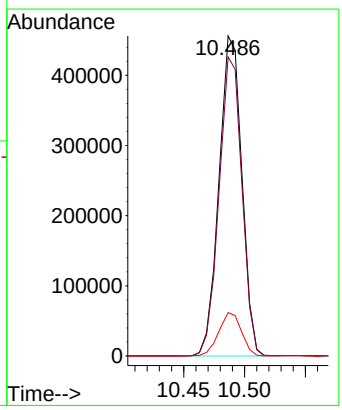


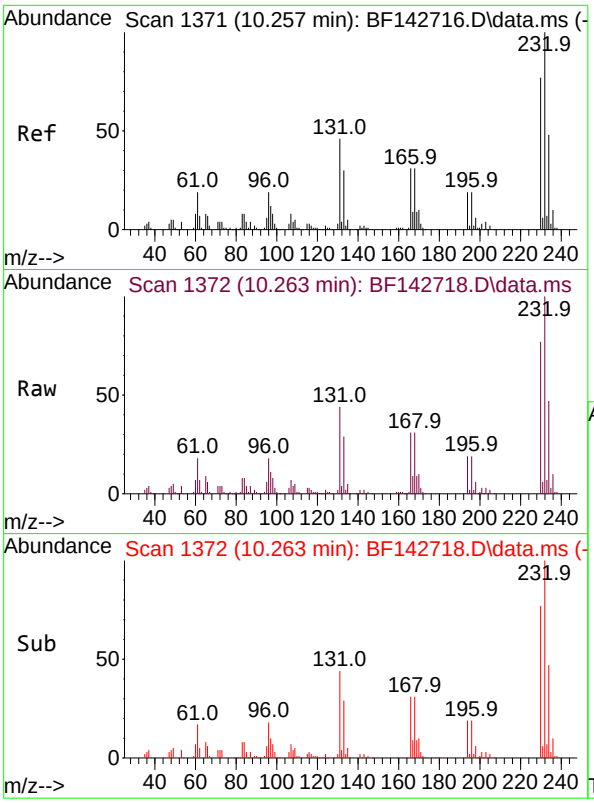


#58
Fluorene
Concen: 54.996 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



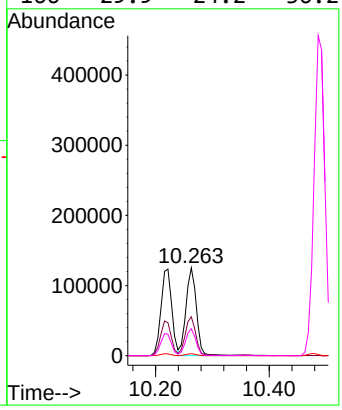


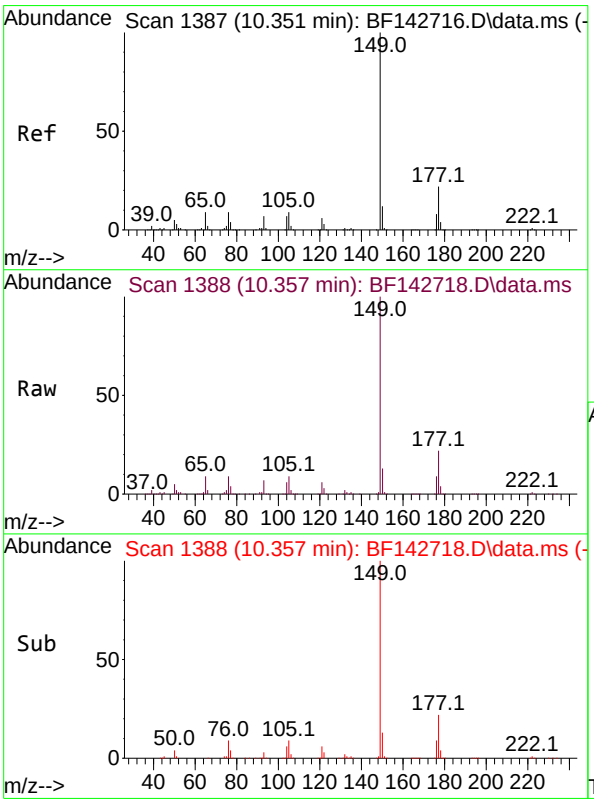
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.920 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

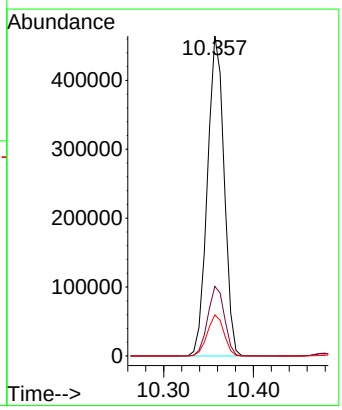


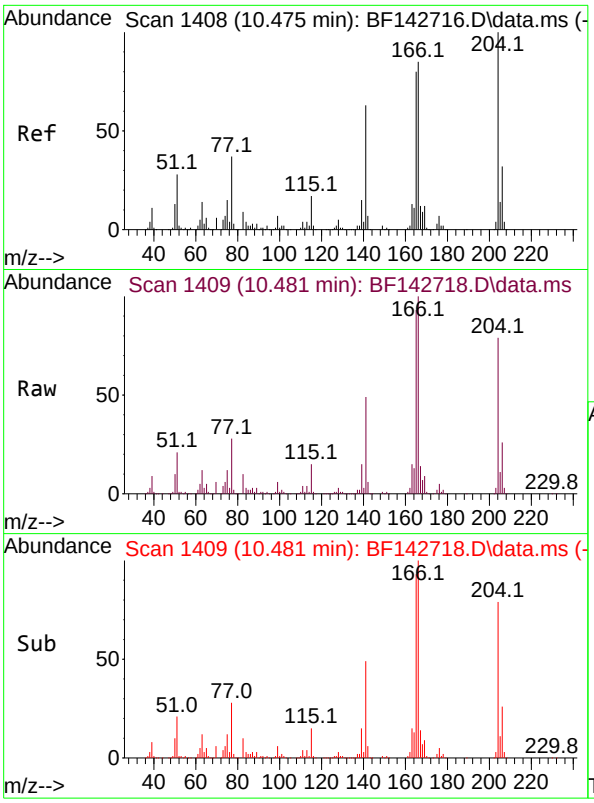


#60
Diethylphthalate
Concen: 57.137 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



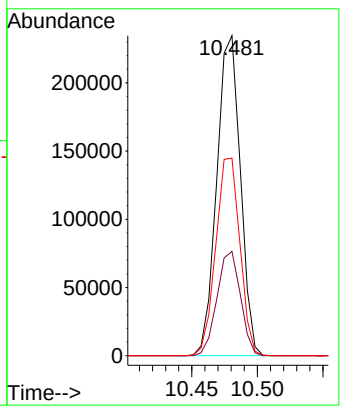


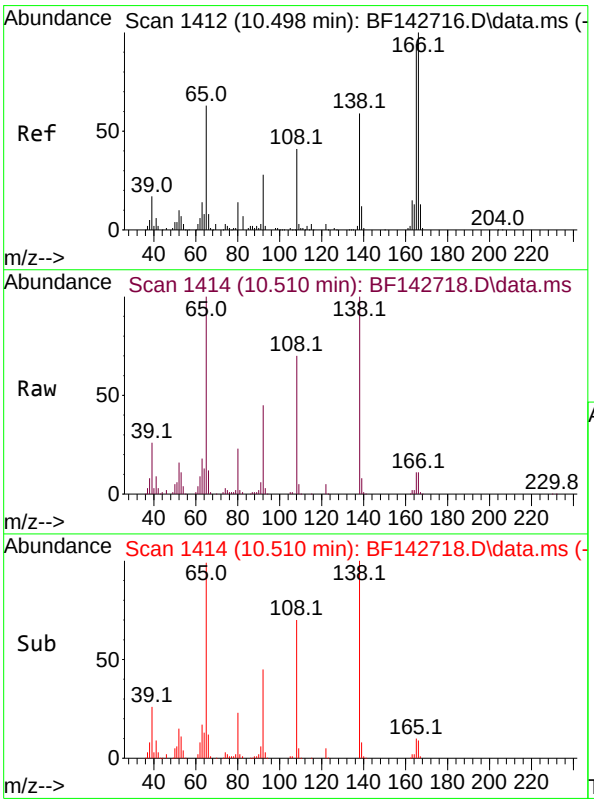
#61
4-Chlorophenyl-phenylether
Concen: 56.952 ng
RT: 10.481 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

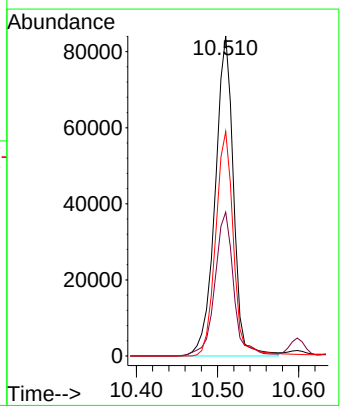


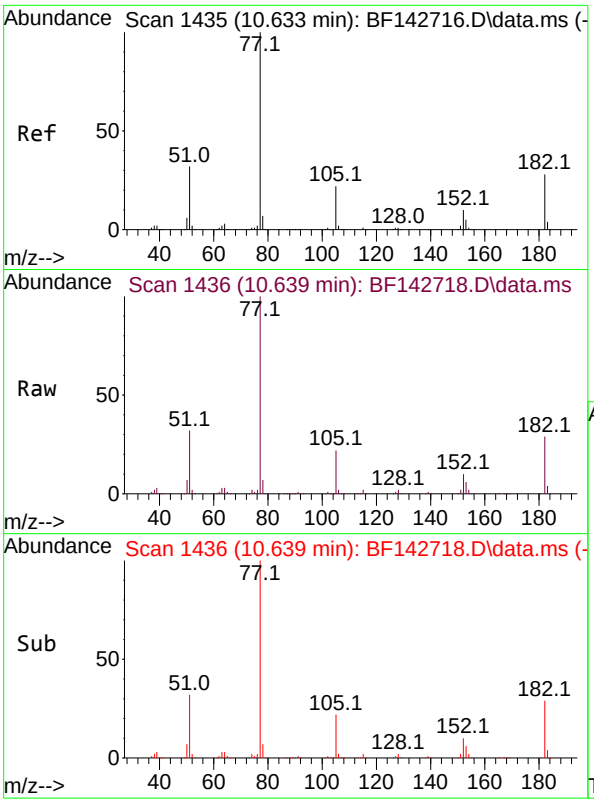


#62
4-Nitroaniline
Concen: 54.263 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



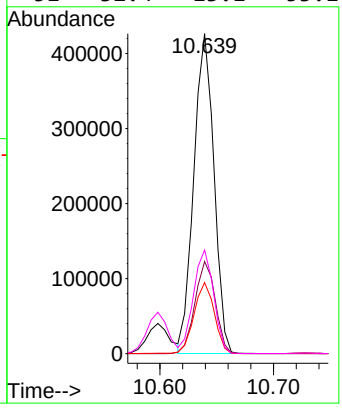


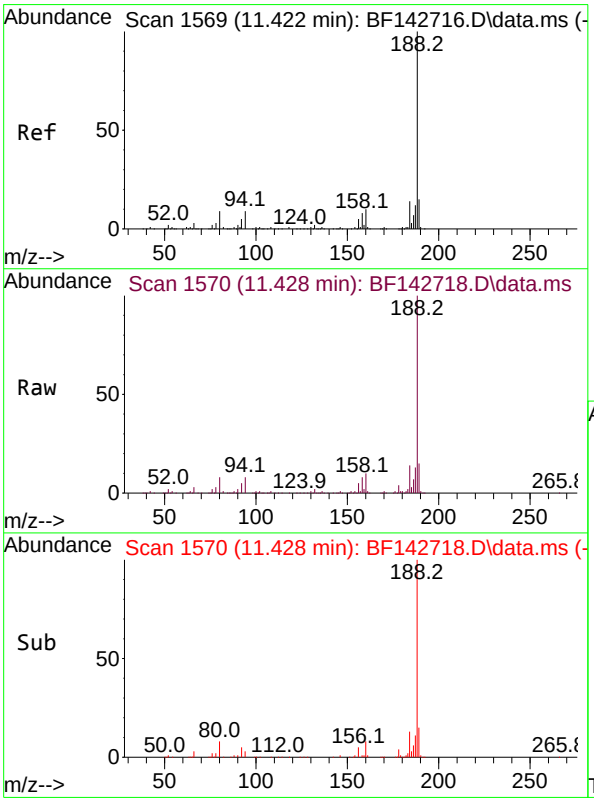
#63
Azobenzene
Concen: 55.964 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

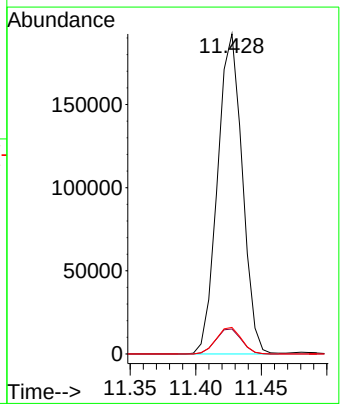


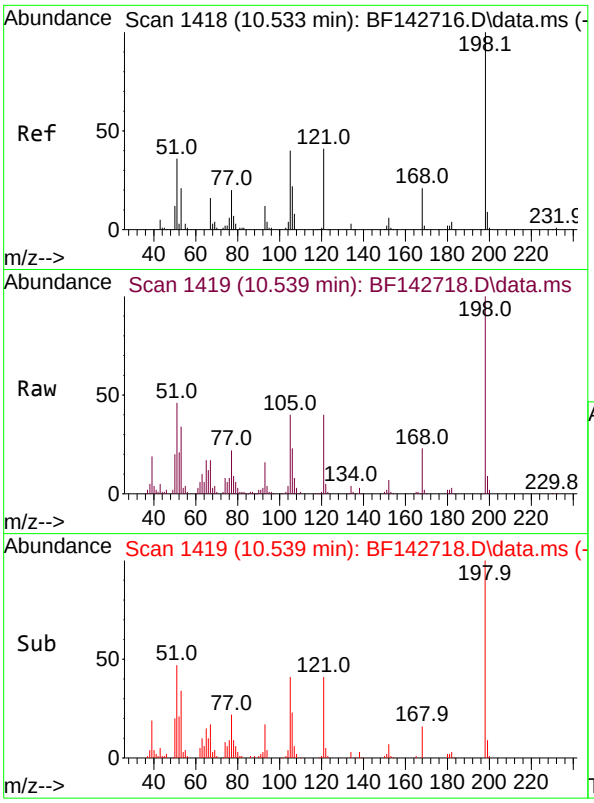


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



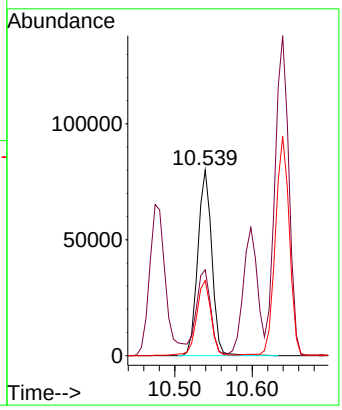


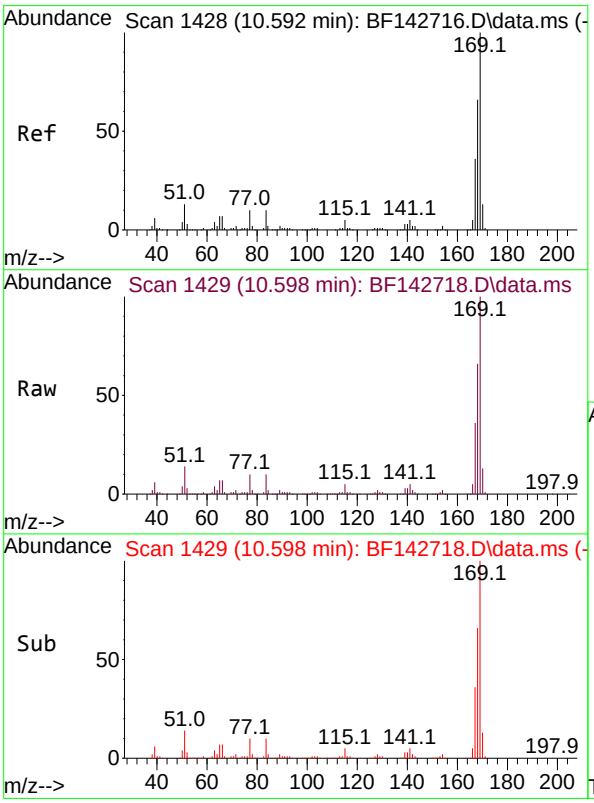
#65
4,6-Dinitro-2-methylphenol
Concen: 63.997 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

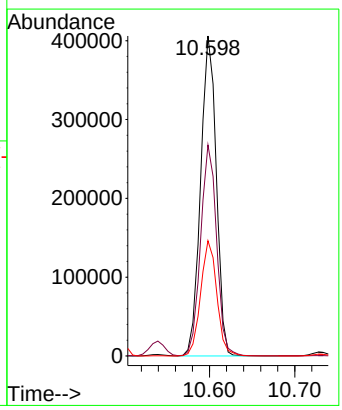


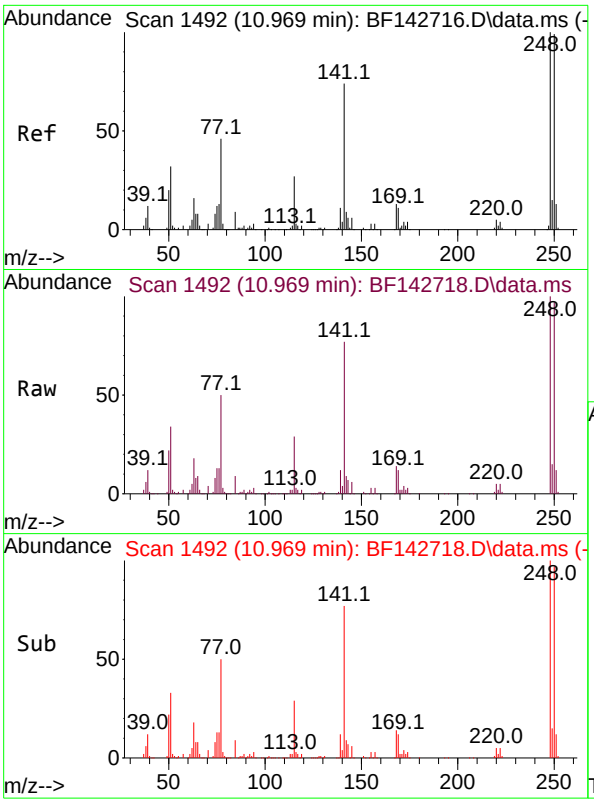


#66
n-Nitrosodiphenylamine
Concen: 63.672 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



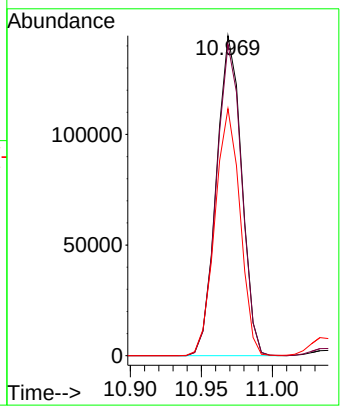


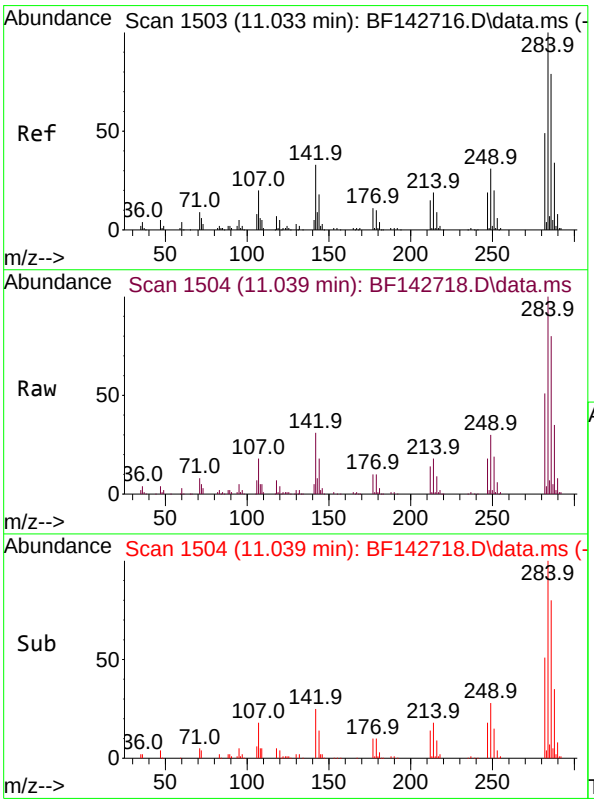
#67
4-Bromophenyl-phenylether
Concen: 63.879 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

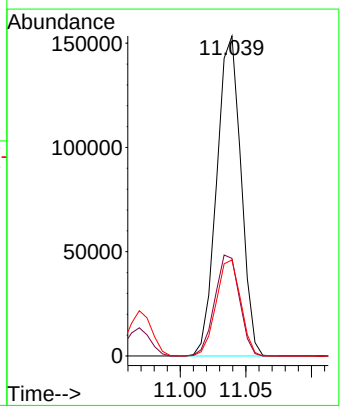


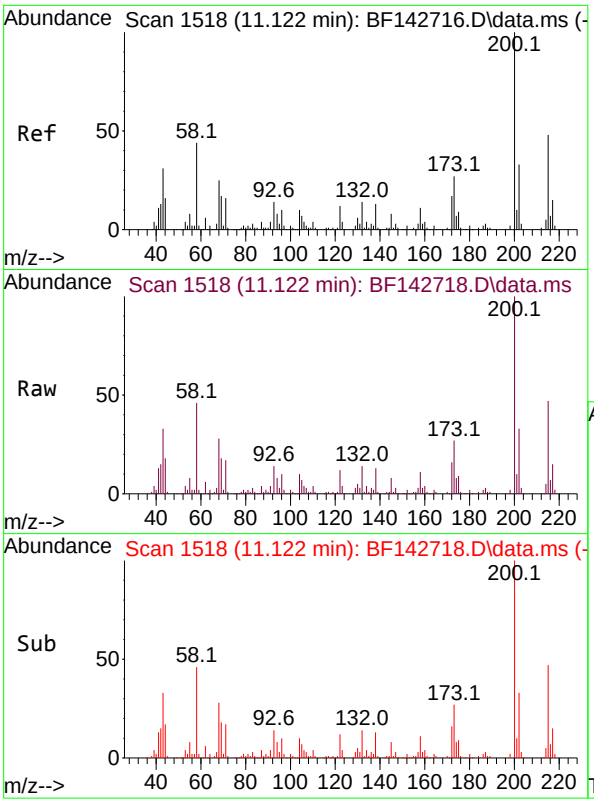


#68
Hexachlorobenzene
Concen: 61.808 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



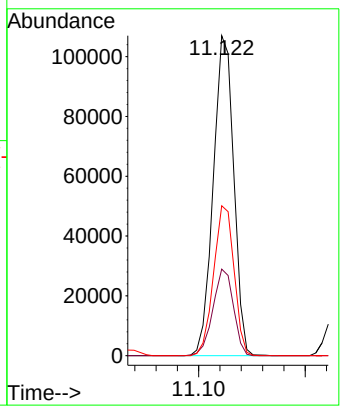


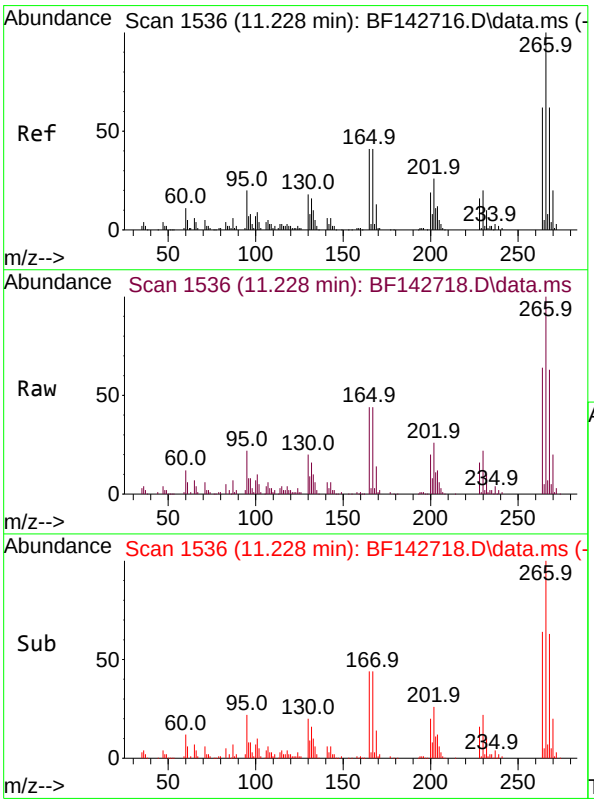
#69
Atrazine
Concen: 58.764 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

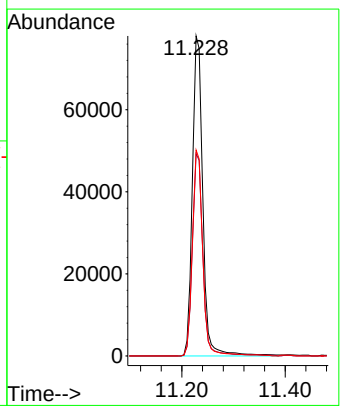


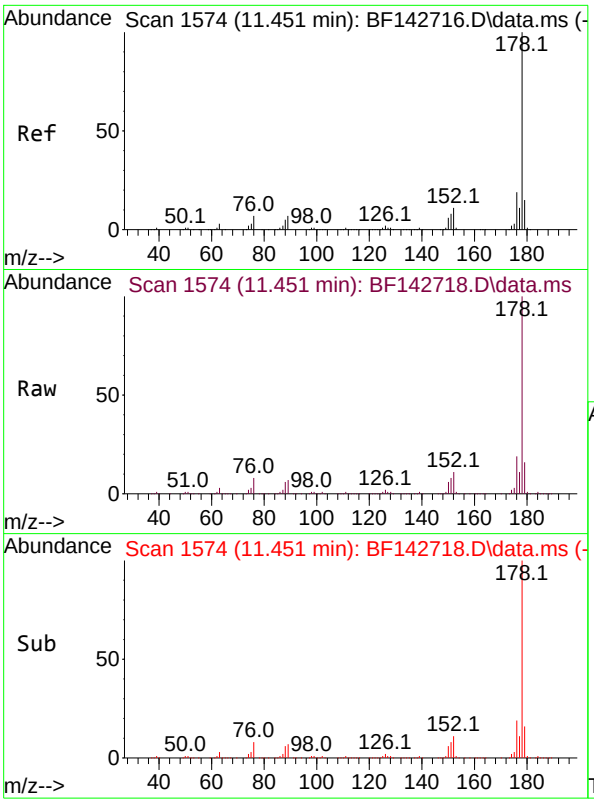


#70
Pentachlorophenol
Concen: 63.448 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



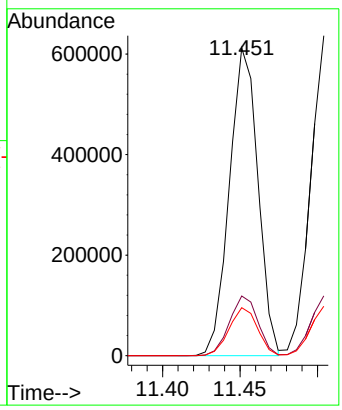


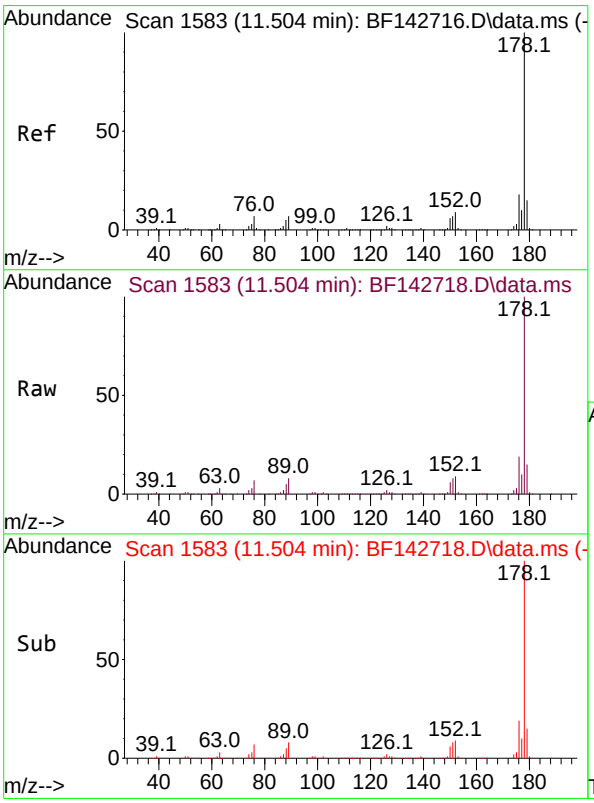
#71
Phenanthrene
Concen: 58.077 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

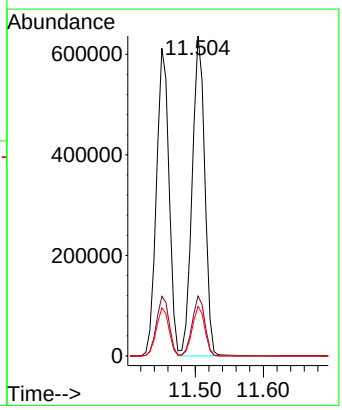


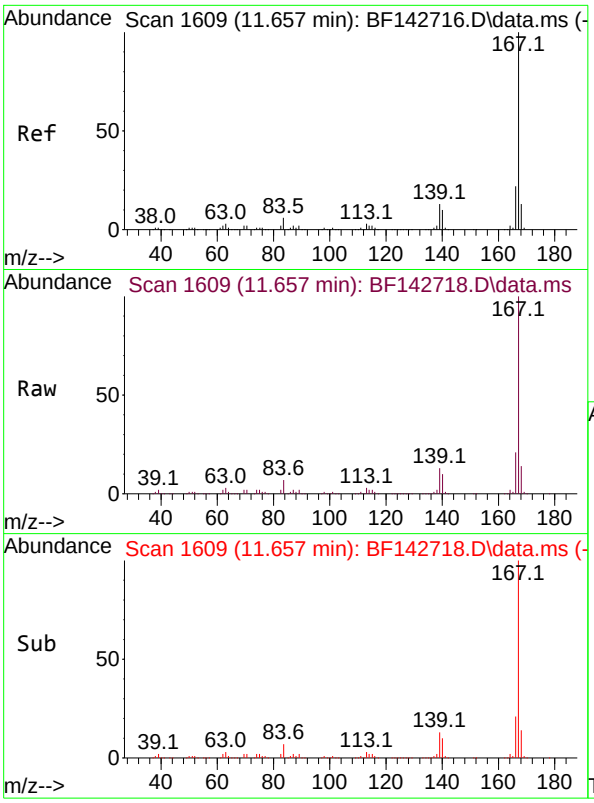


#72
Anthracene
Concen: 58.050 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



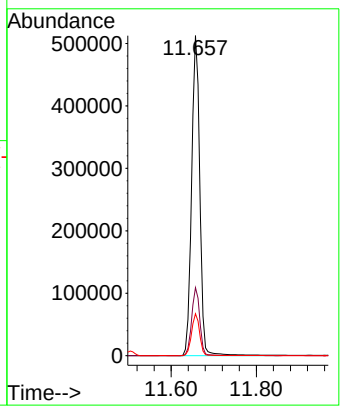


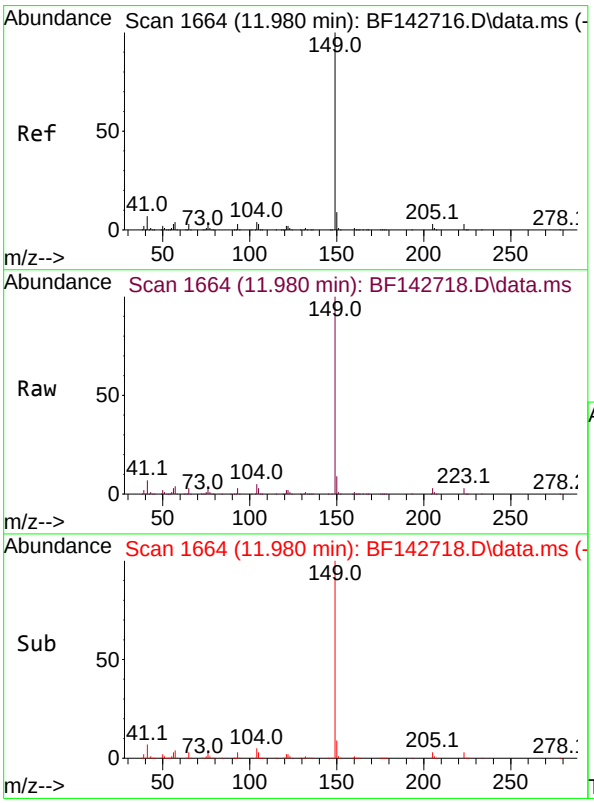
#73
Carbazole
Concen: 55.049 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

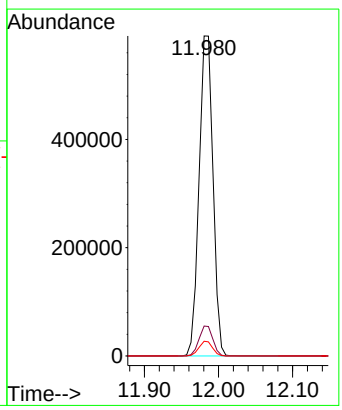


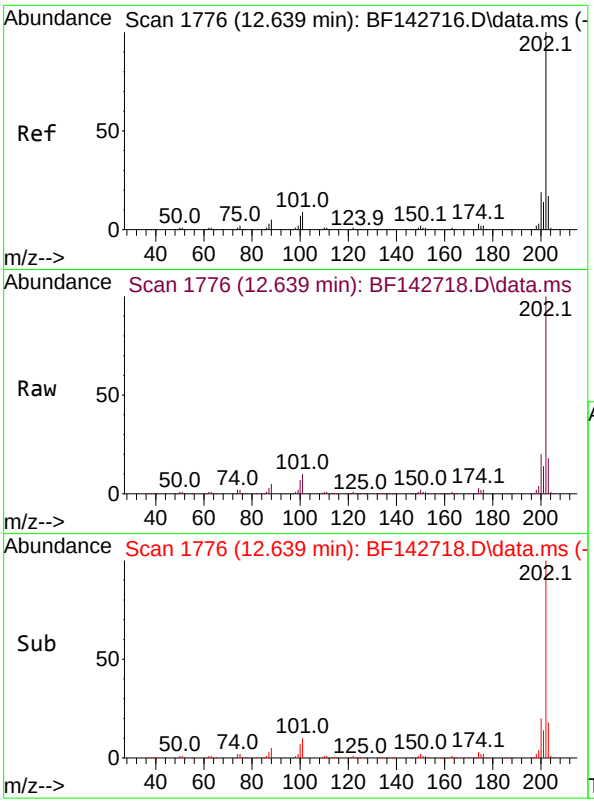


#74
Di-n-butylphthalate
Concen: 58.582 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



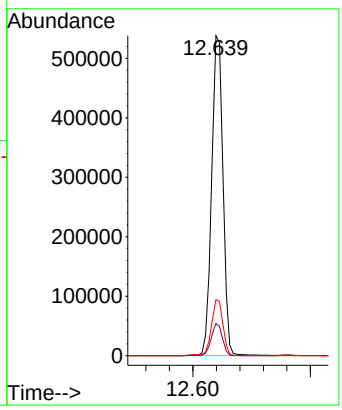


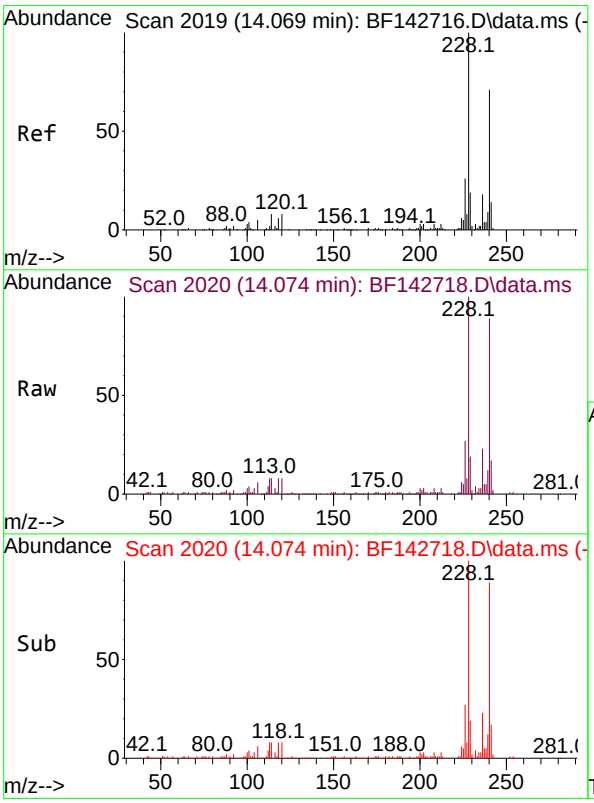
#75
Fluoranthene
Concen: 54.970 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

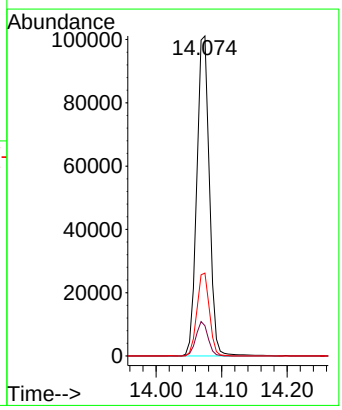


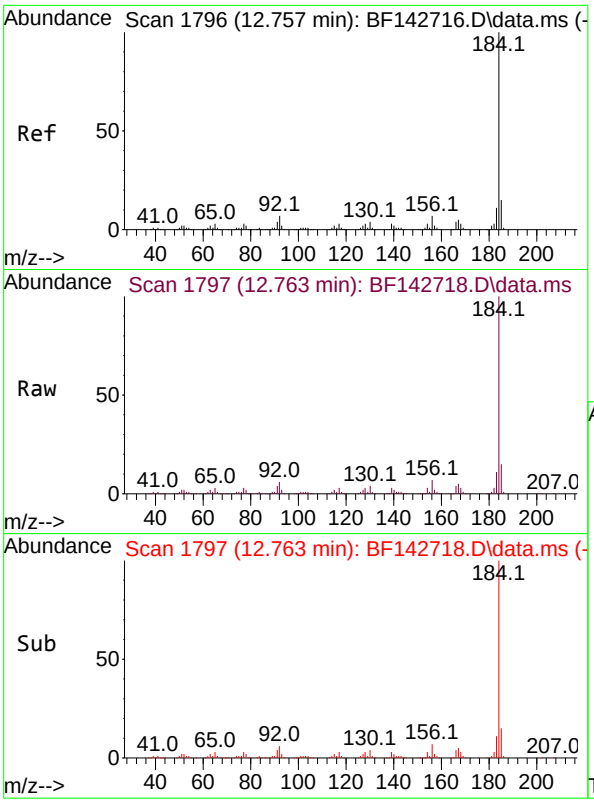


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



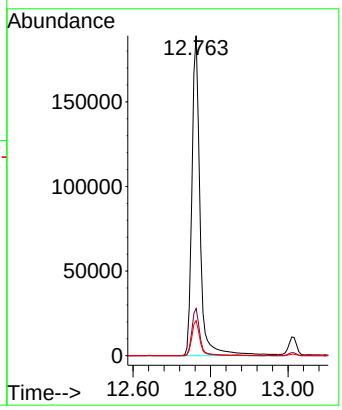


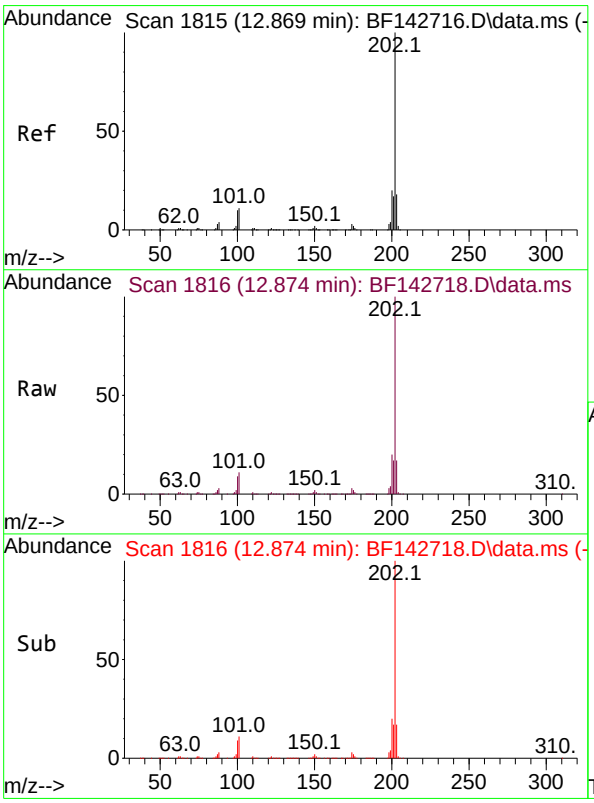
#77
Benzidine
Concen: 58.454 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

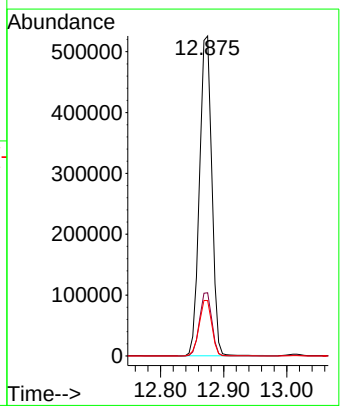


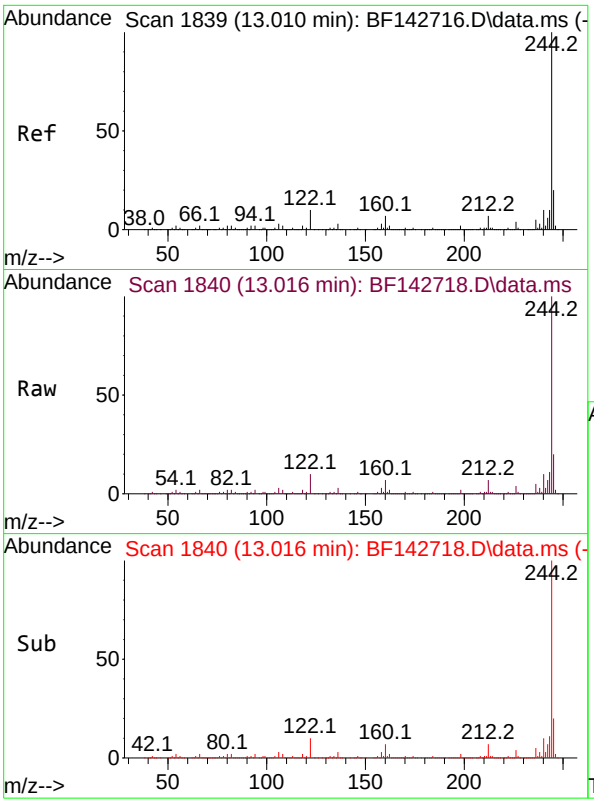


#78
Pyrene
Concen: 62.270 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



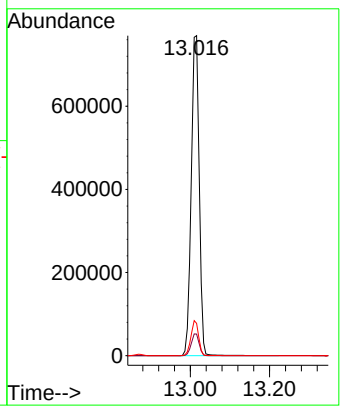


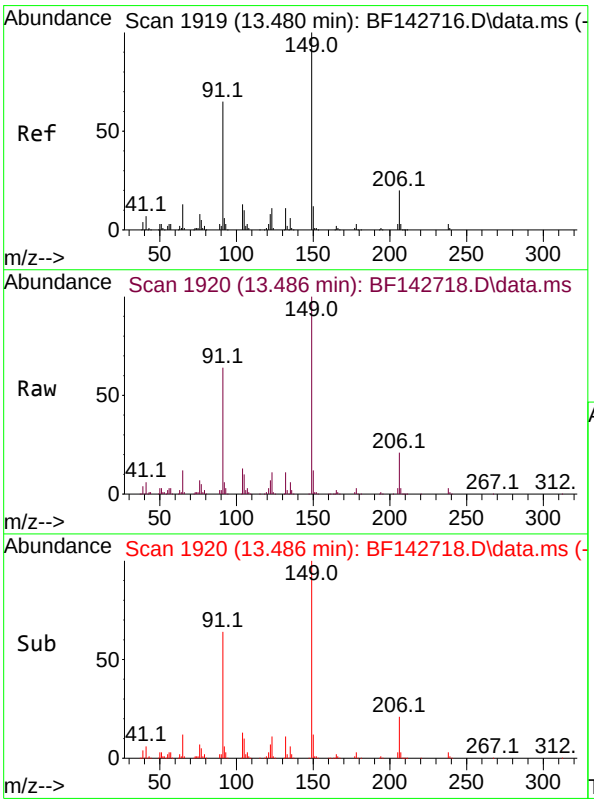
#79
Terphenyl-d14
Concen: 120.985 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

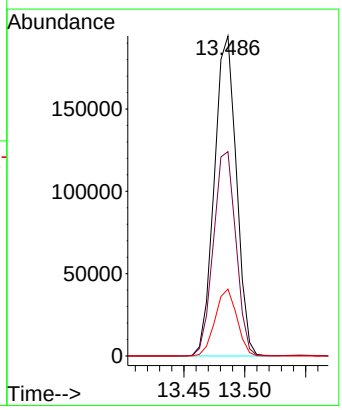


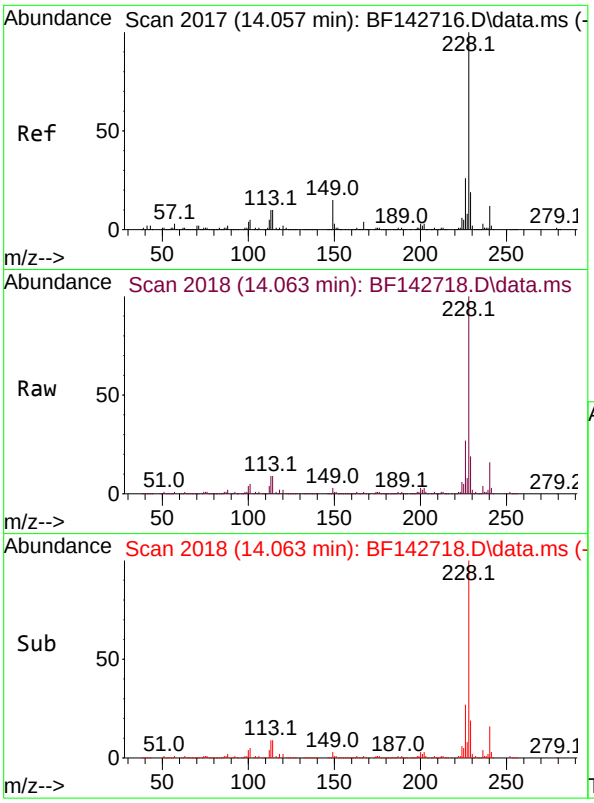


#80
Butylbenzylphthalate
Concen: 70.369 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



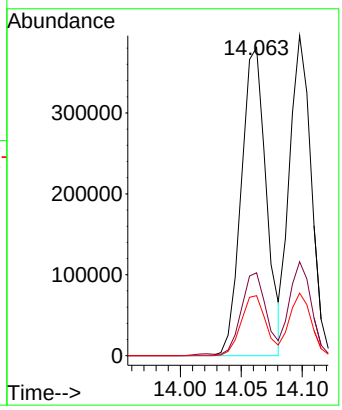


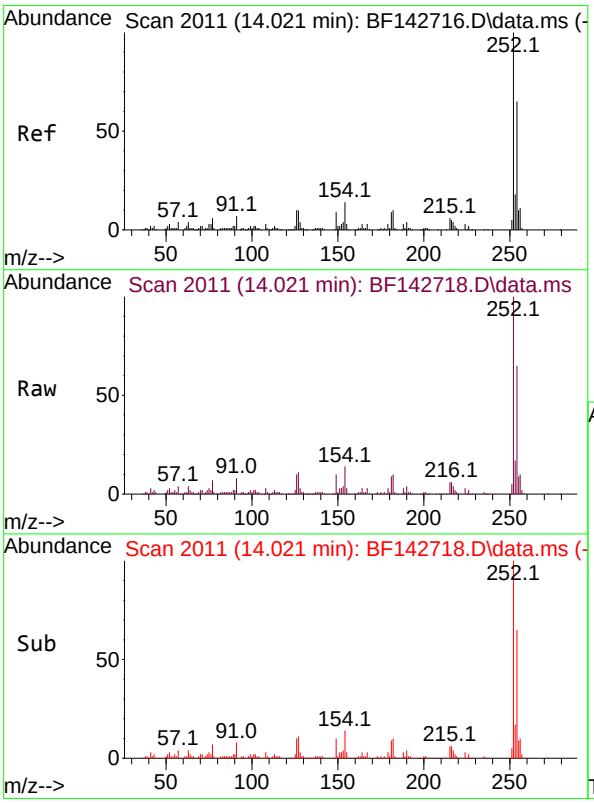
#81
Benzo(a)anthracene
Concen: 61.517 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

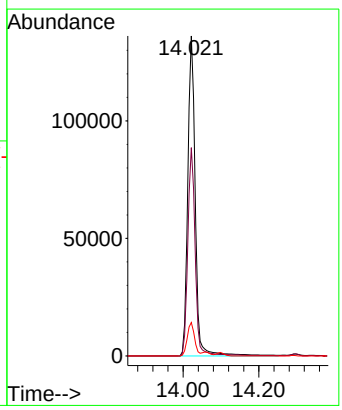


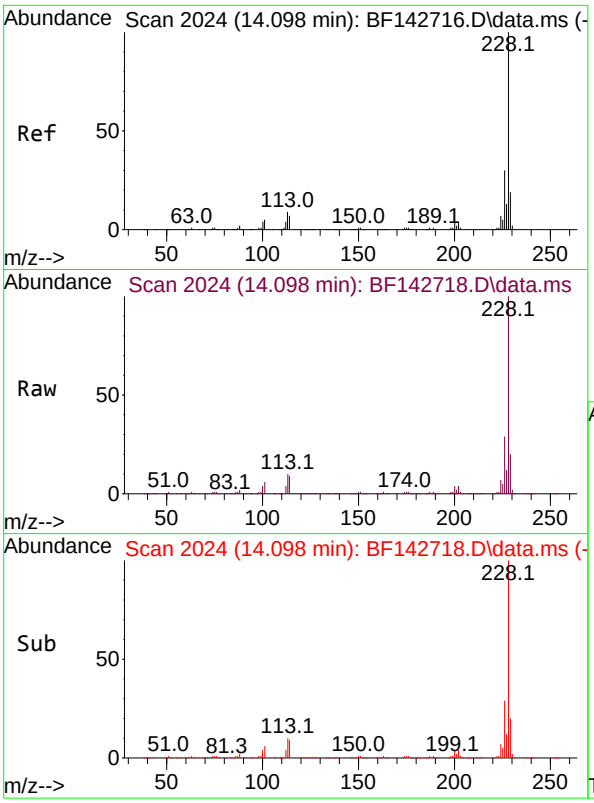


#82
3,3'-Dichlorobenzidine
Concen: 65.923 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



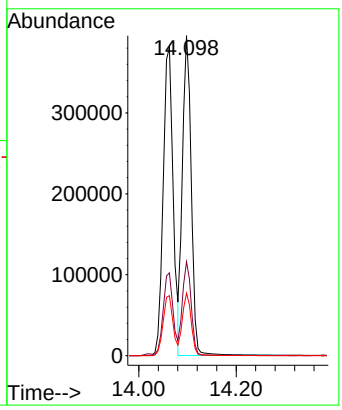


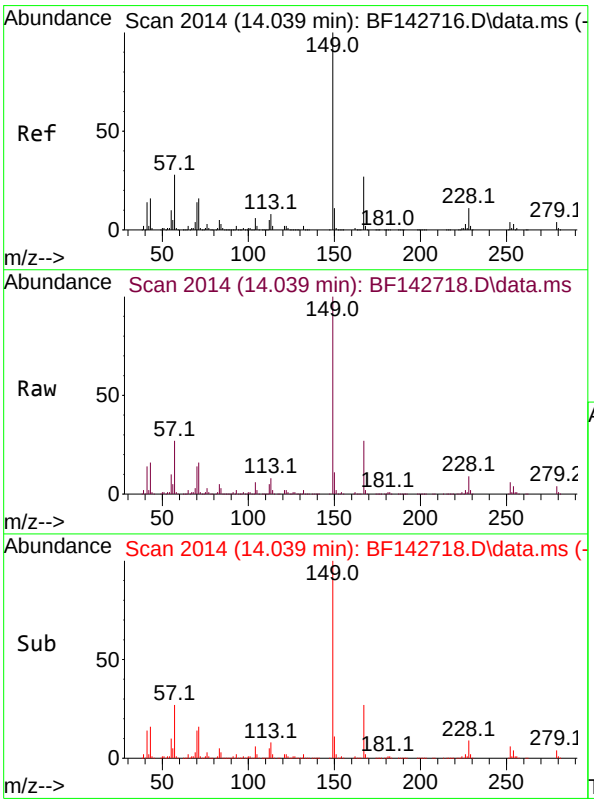
#83
Chrysene
Concen: 59.836 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

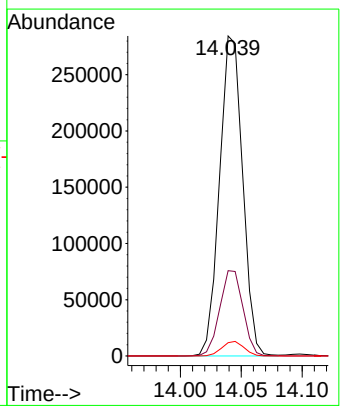


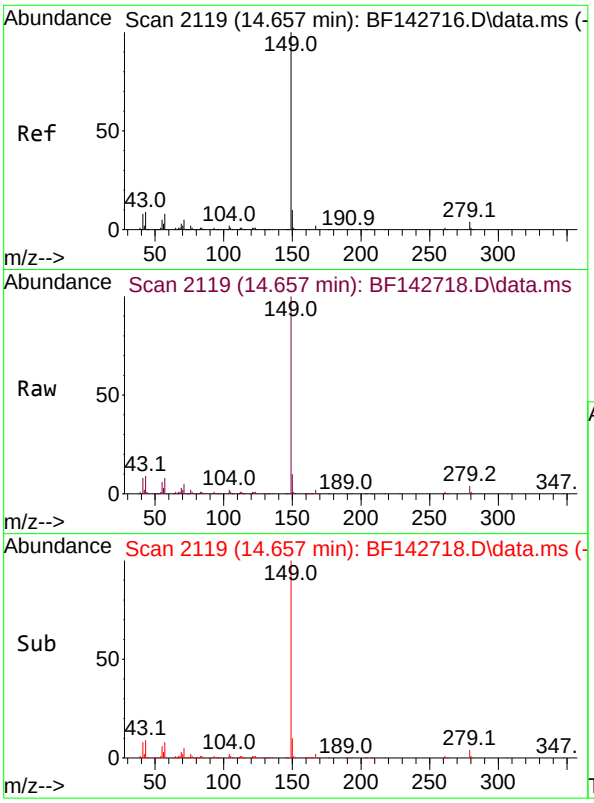


#84
Bis(2-ethylhexyl)phthalate
Concen: 90.267 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



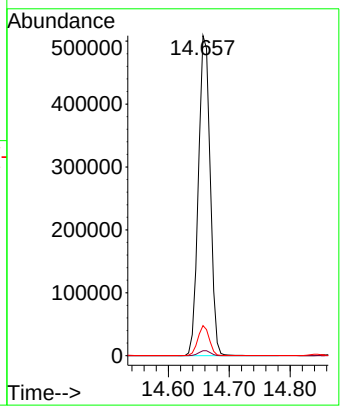


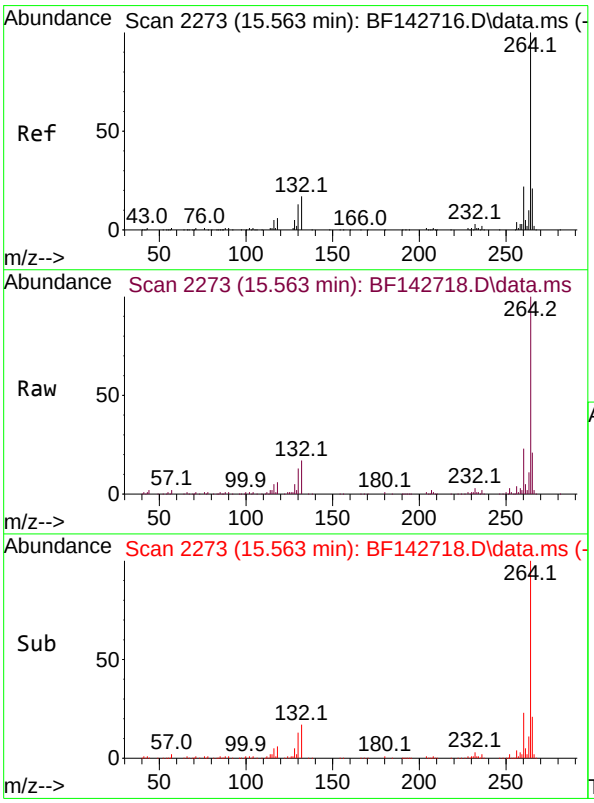
#85
Di-n-octyl phthalate
Concen: 83.193 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

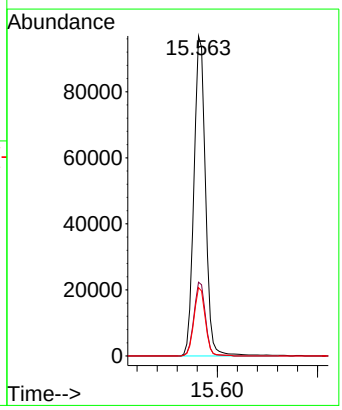


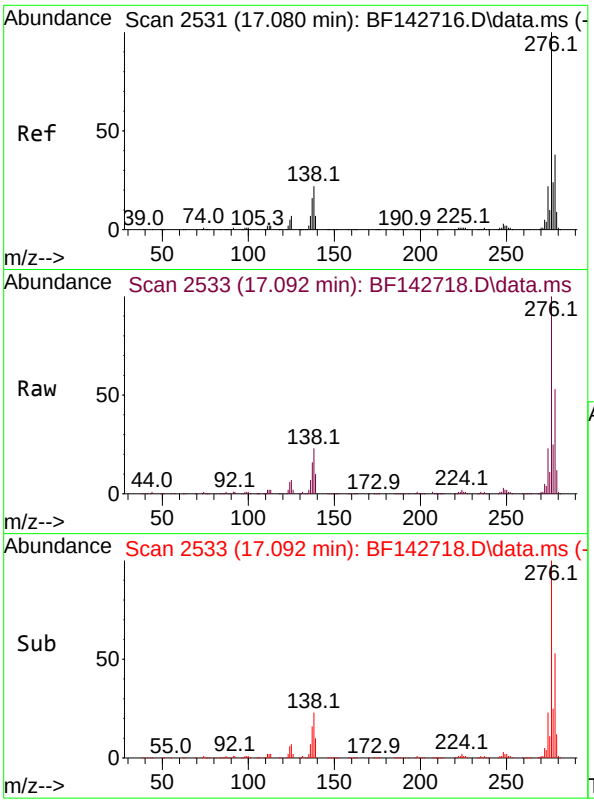


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



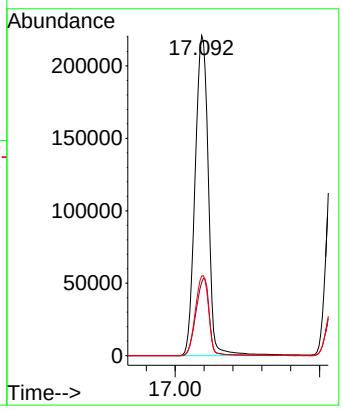


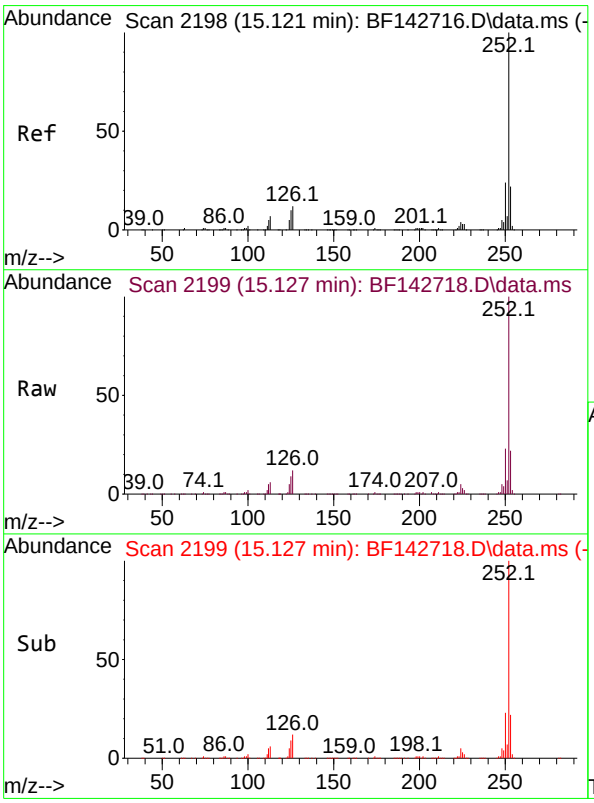
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.705 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

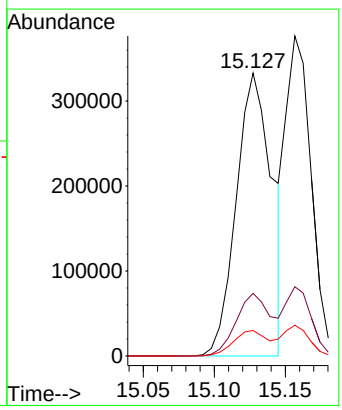


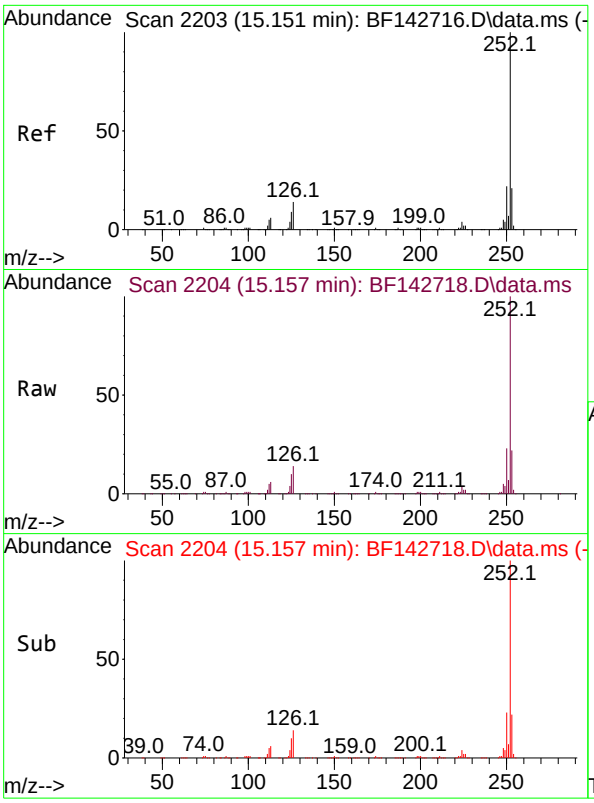


#88
Benzo(b)fluoranthene
Concen: 62.612 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



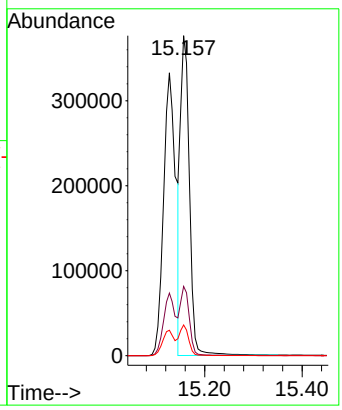


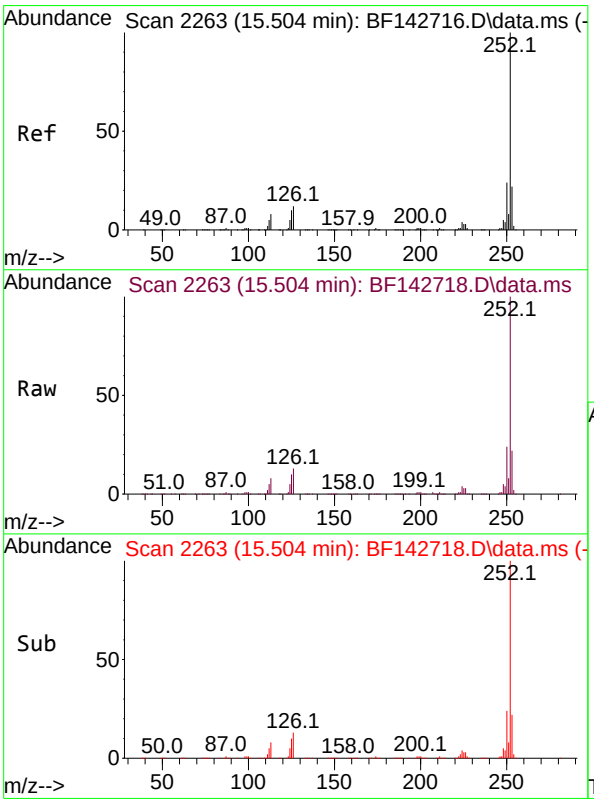
#89
Benzo(k)fluoranthene
Concen: 56.031 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

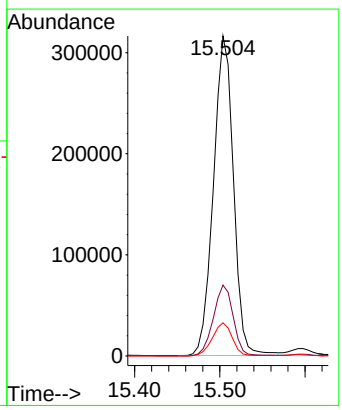


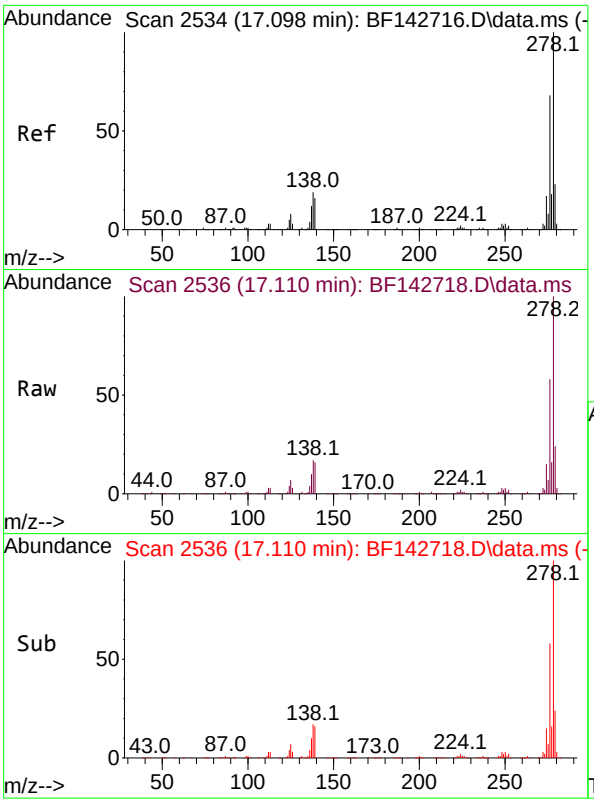


#90
Benzo(a)pyrene
Concen: 59.542 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



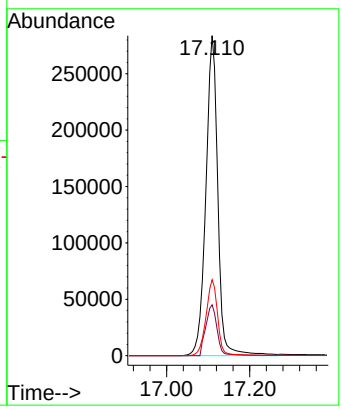


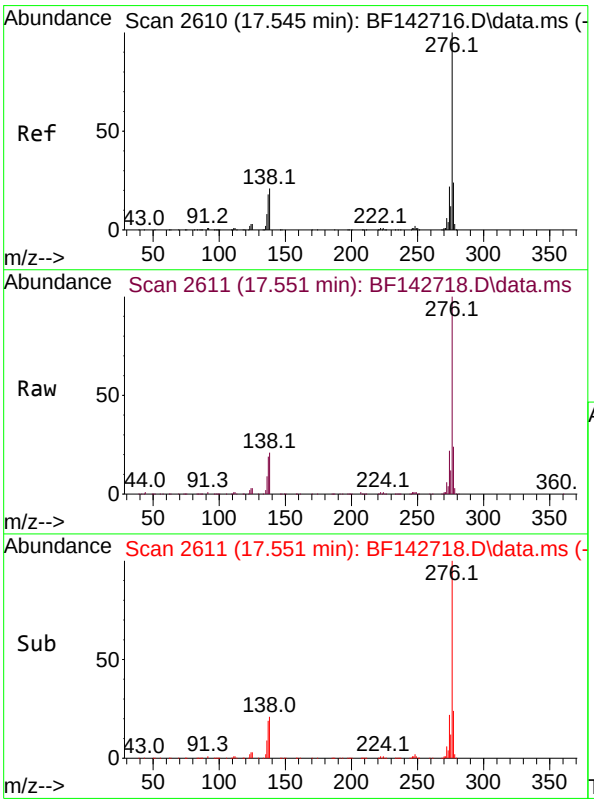
#91
Dibenzo(a,h)anthracene
Concen: 63.529 ng
RT: 17.110 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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

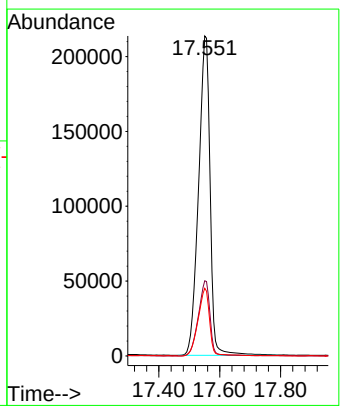




#92
Benzo(g,h,i)perylene
Concen: 60.872 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF142718.D
Acq: 10 Jun 2025 19:50

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



Quantitation Report (QT Reviewed)

ICAL Form

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)
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

ICAL Form

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

ICAL Form

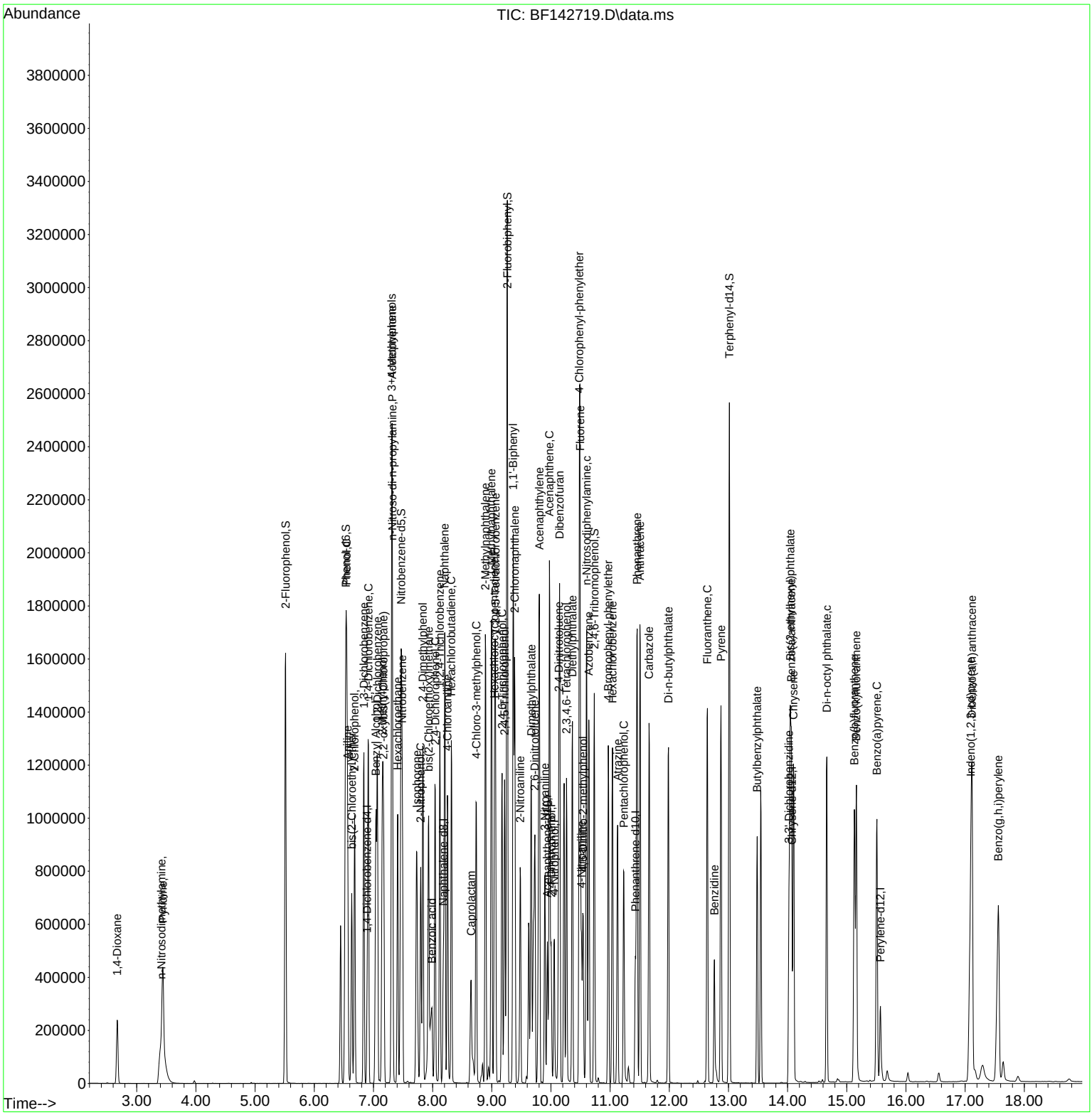
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

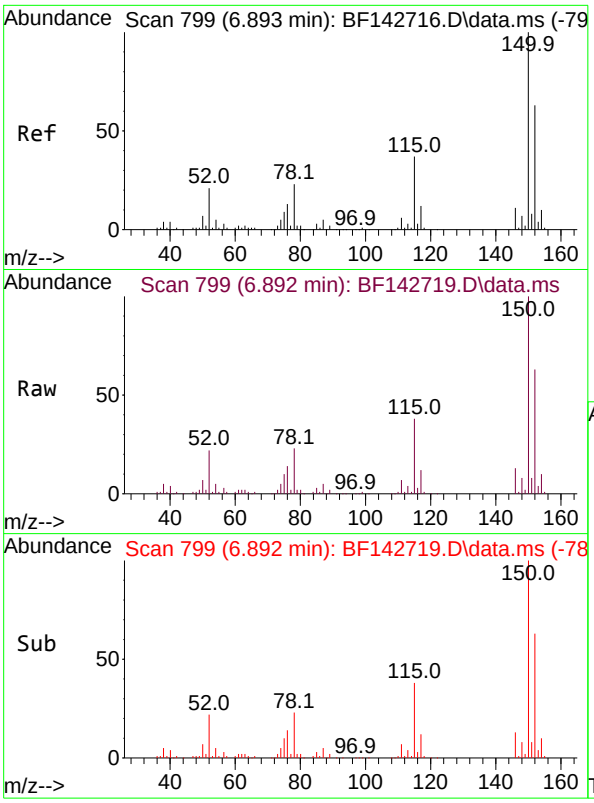
Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

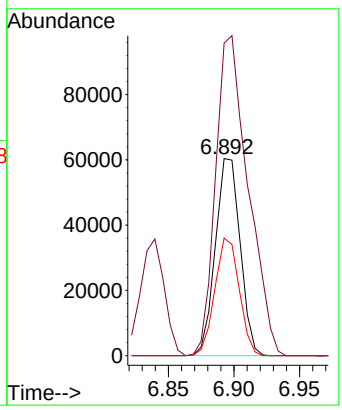




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:152 Resp: 7949

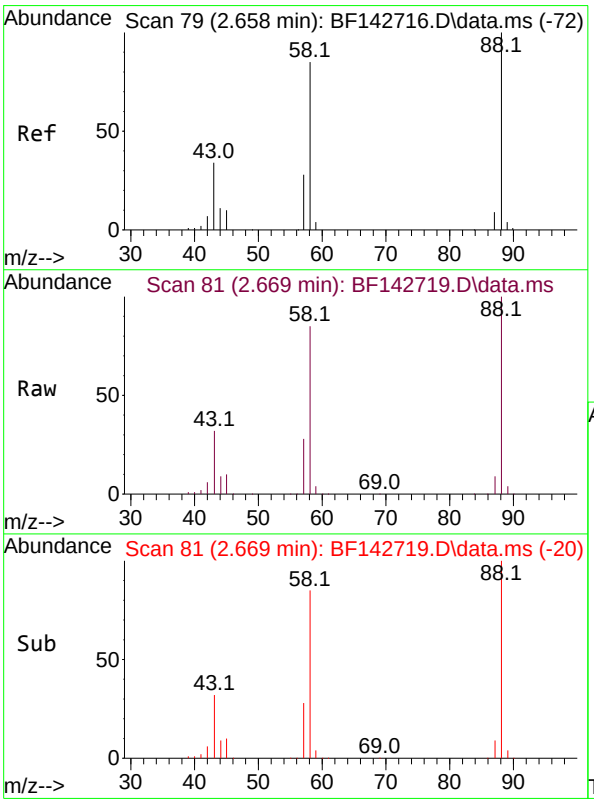
Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	59.7	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

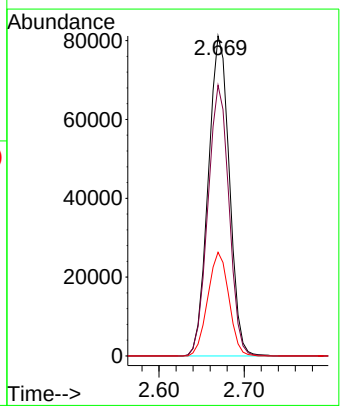
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

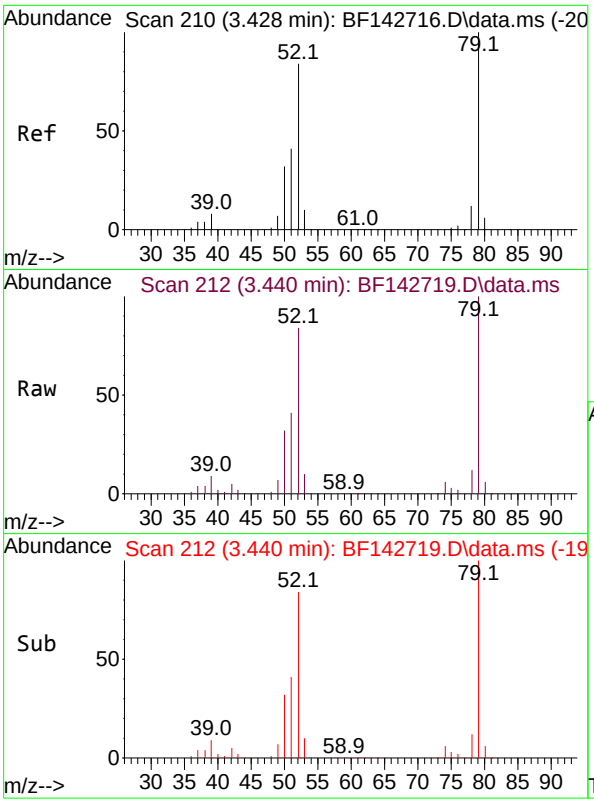


#2
1,4-Dioxane
Concen: 77.738 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

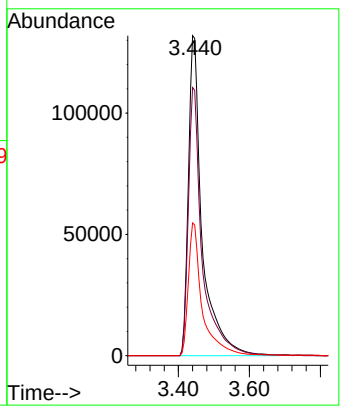




#3
Pyridine
Concen: 77.107 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 79 Resp: 35676

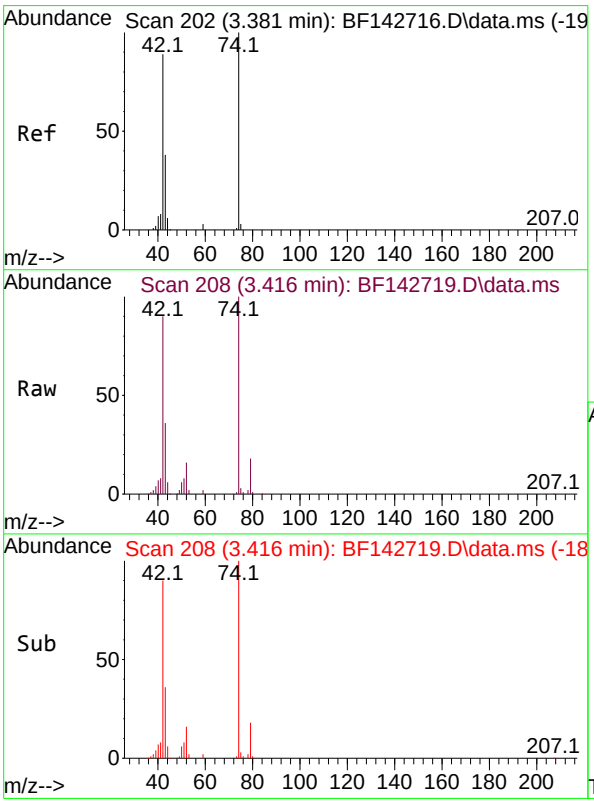
Ion	Ratio	Lower	Upper
79	100		
52	83.8	67.1	100.7
51	41.5	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

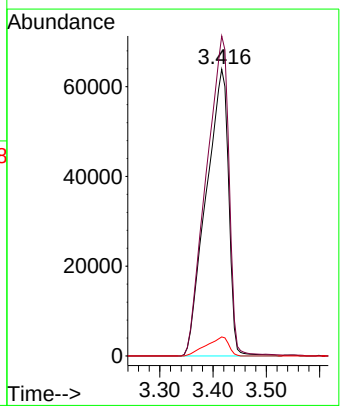
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

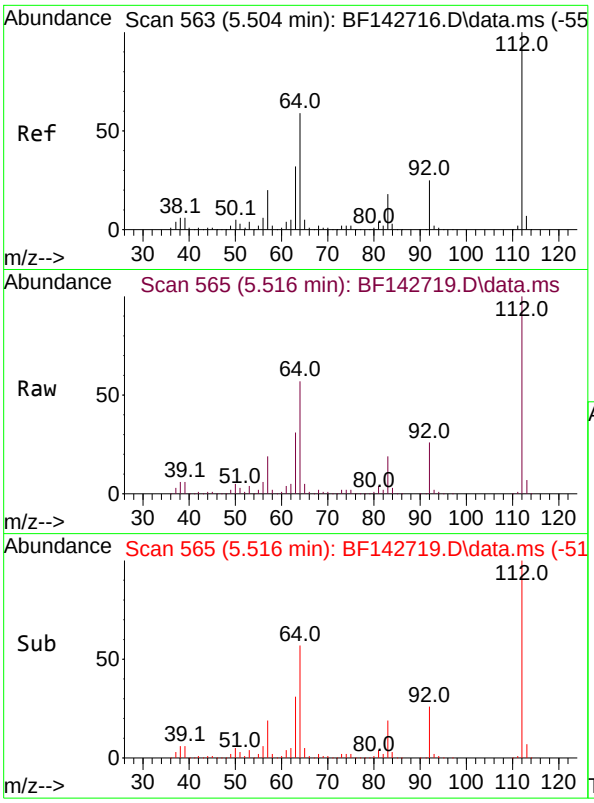


#4
n-Nitrosodimethylamine
Concen: 82.185 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.035 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

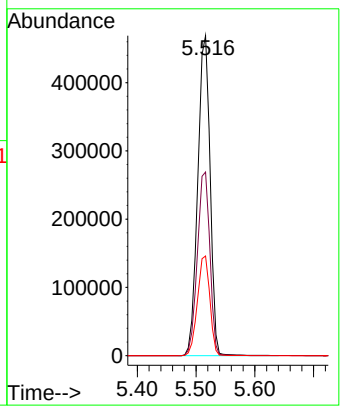
Tgt Ion:112 Resp: 68369

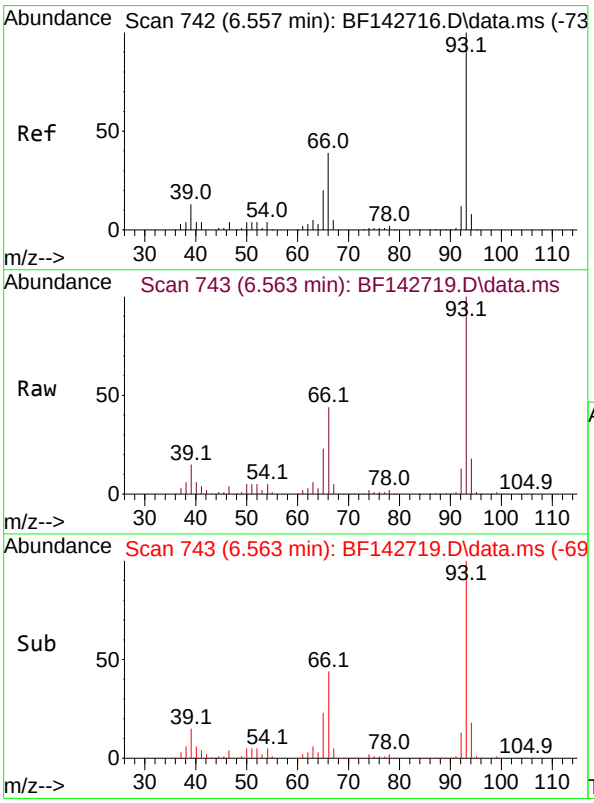
Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	31.2	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

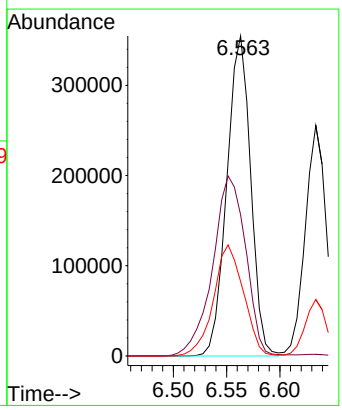


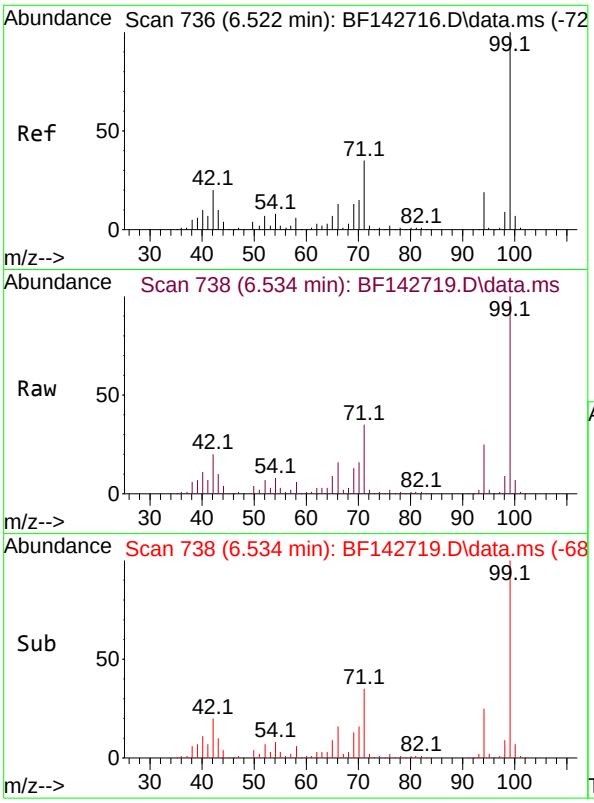


#6
Aniline
Concen: 74.919 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

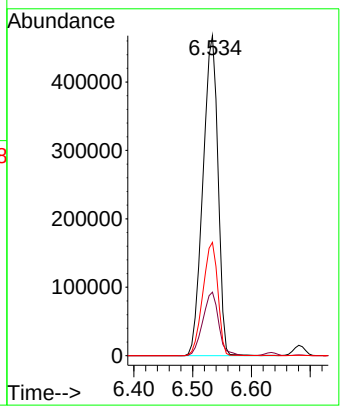




#7
Phenol-d6
Concen: 150.974 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 99 Resp: 82827

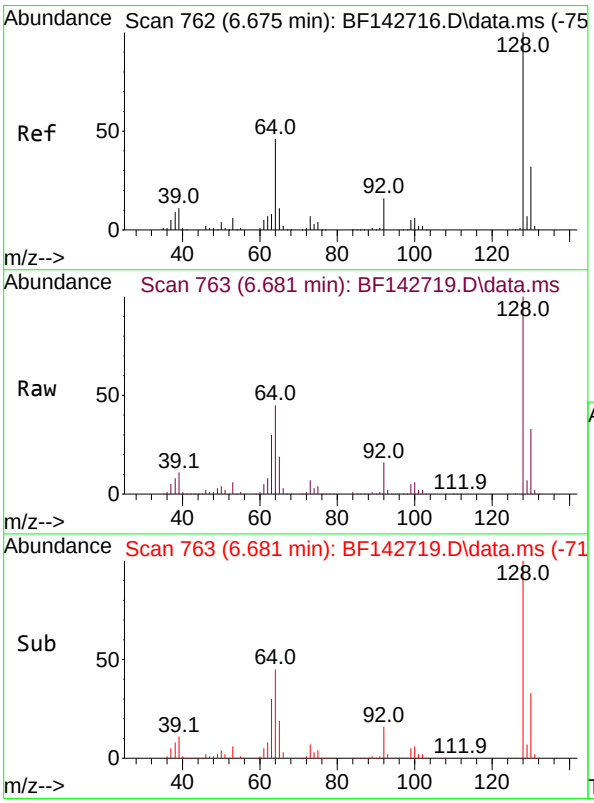
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.4	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

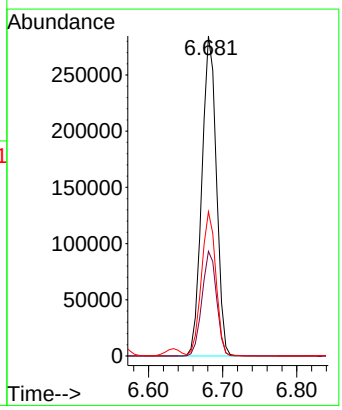
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

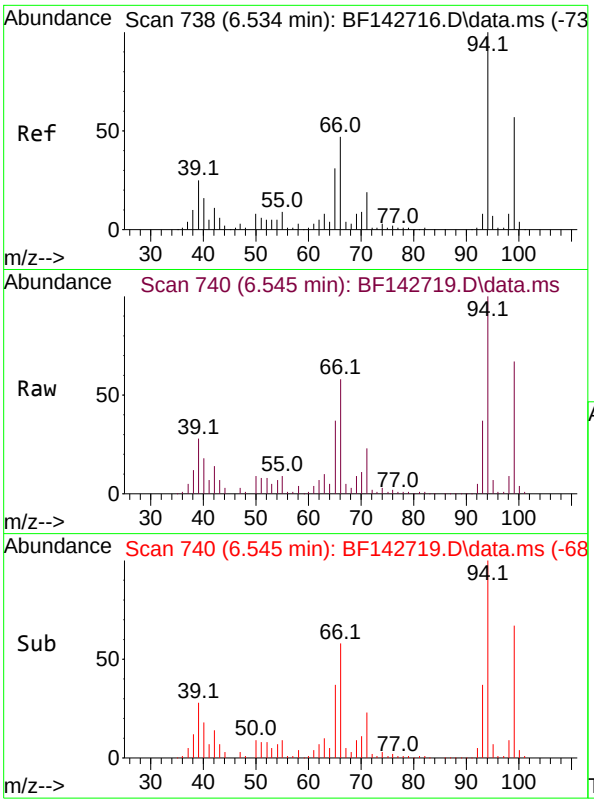


#8
2-Chlorophenol
Concen: 75.563 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

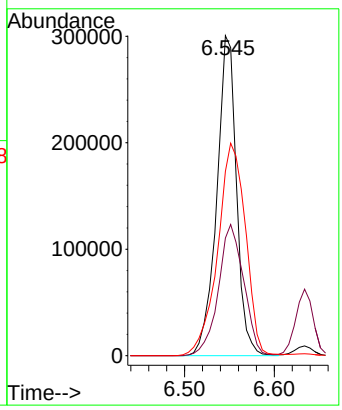
Tgt Ion: 94 Resp: 45971

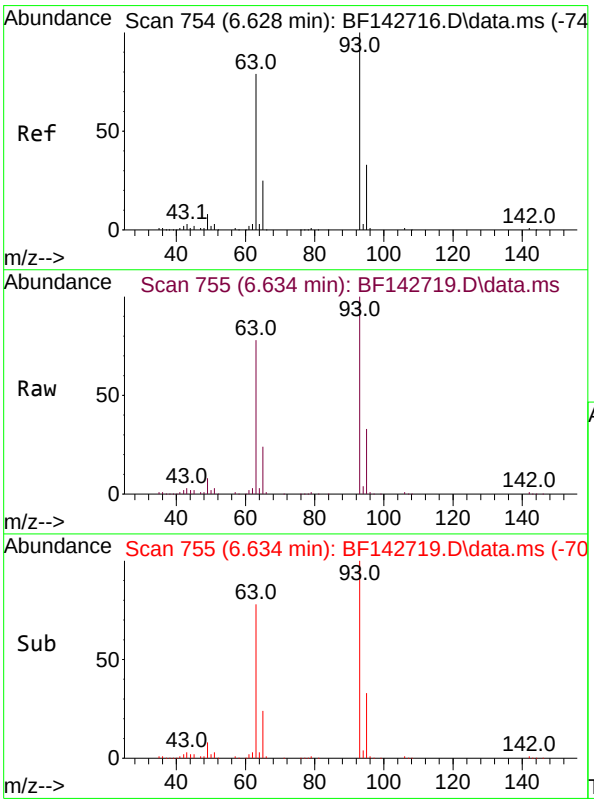
Ion	Ratio	Lower	Upper
94	100		
65	36.8	11.4	51.4
66	57.6	26.7	66.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

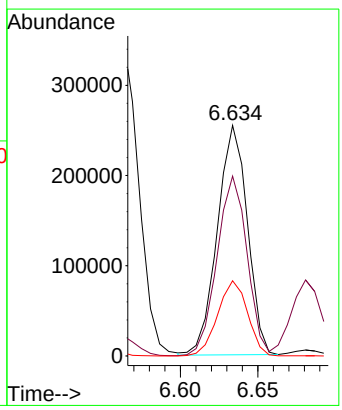


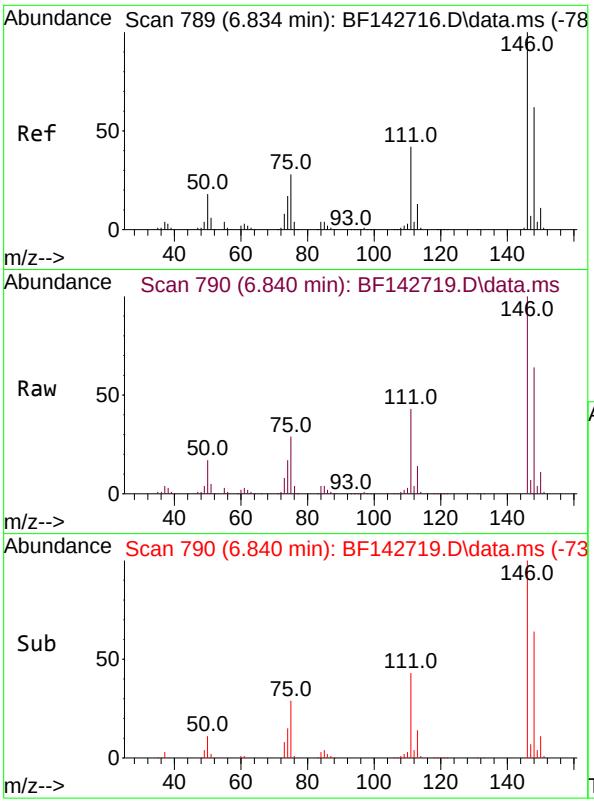


#11
bis(2-Chloroethyl)ether
Concen: 76.473 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

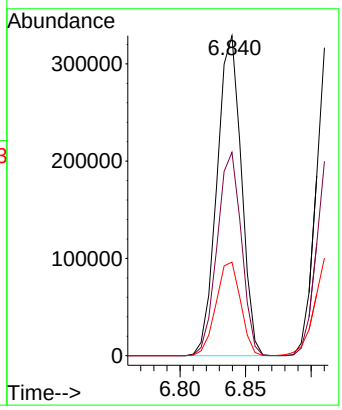




#12
1,3-Dichlorobenzene
Concen: 73.798 ng
RT: 6.840 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:146 Resp: 42378

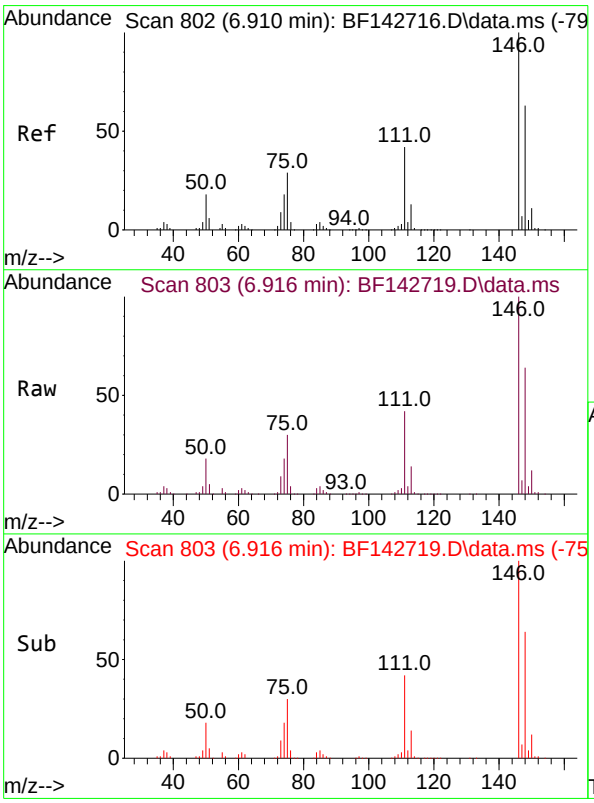
Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.9	74.9
75	29.3	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

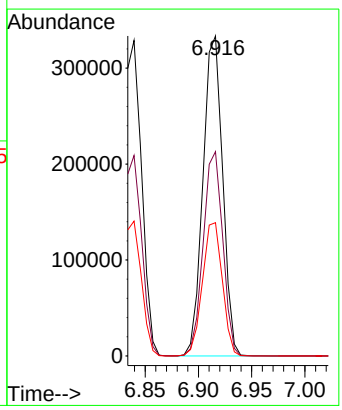
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

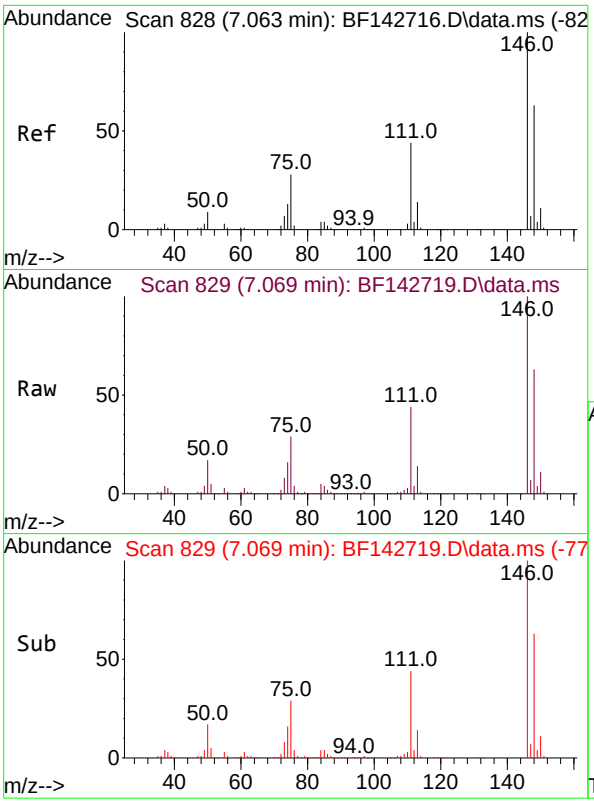


#13
1,4-Dichlorobenzene
Concen: 73.329 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

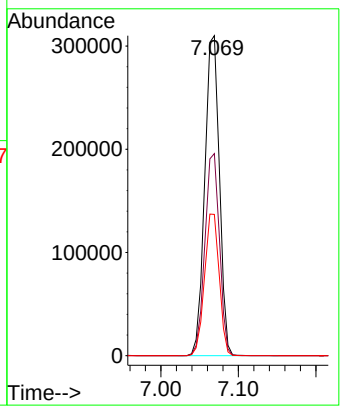




#14
1,2-Dichlorobenzene
Concen: 73.090 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:146 Resp: 40772

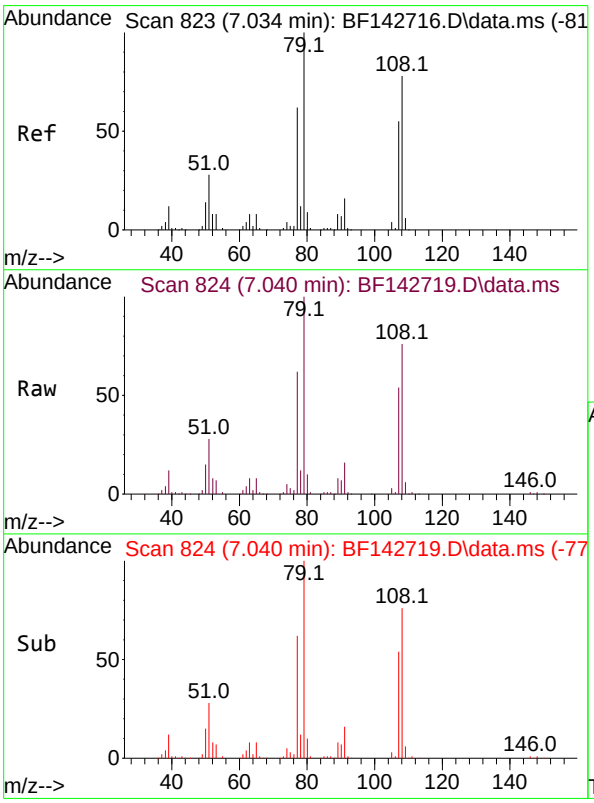
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	44.1	35.2	52.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

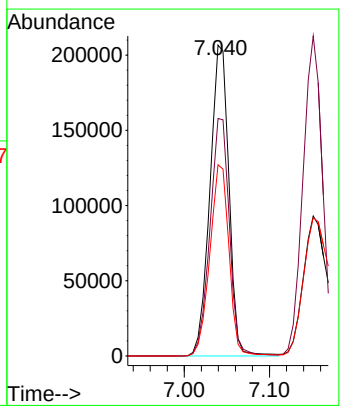
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

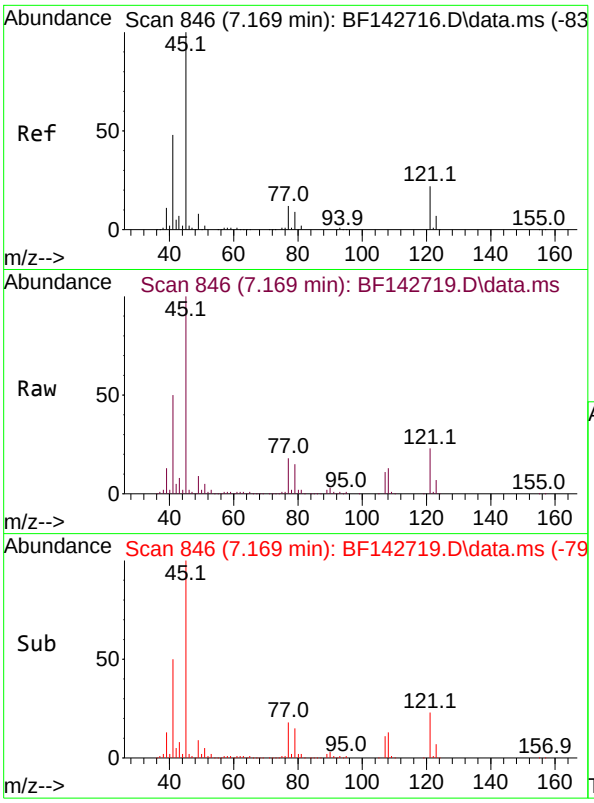


#15
Benzyl Alcohol
Concen: 79.079 ng
RT: 7.040 min Scan# 824
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

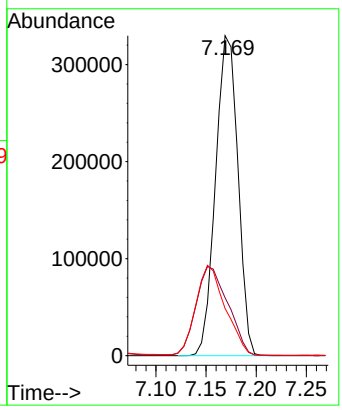
Tgt Ion: 45 Resp: 51163

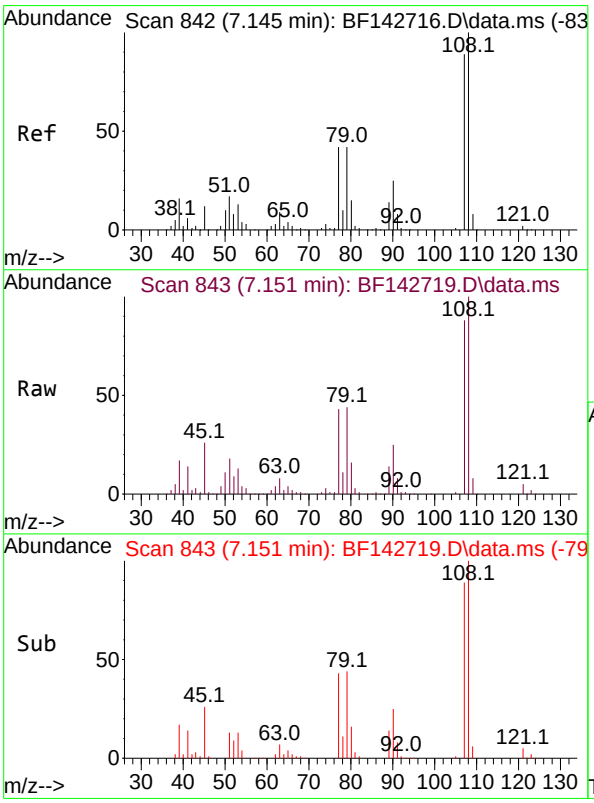
Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	33.1
79	14.8	0.0	30.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

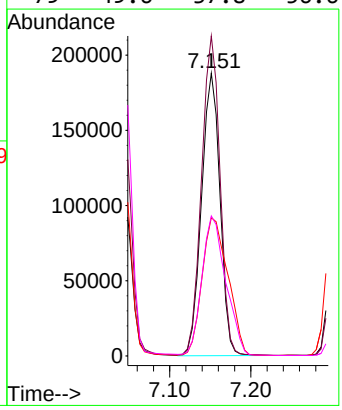


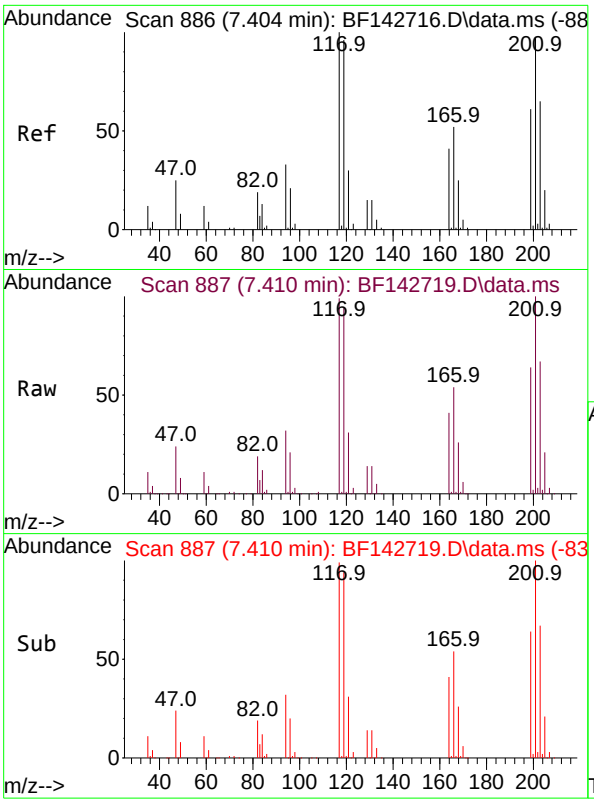


#17
2-Methylphenol
Concen: 75.776 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

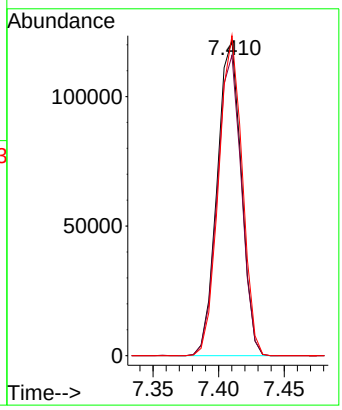




#18
Hexachloroethane
Concen: 76.420 ng
RT: 7.410 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:117 Resp: 15504

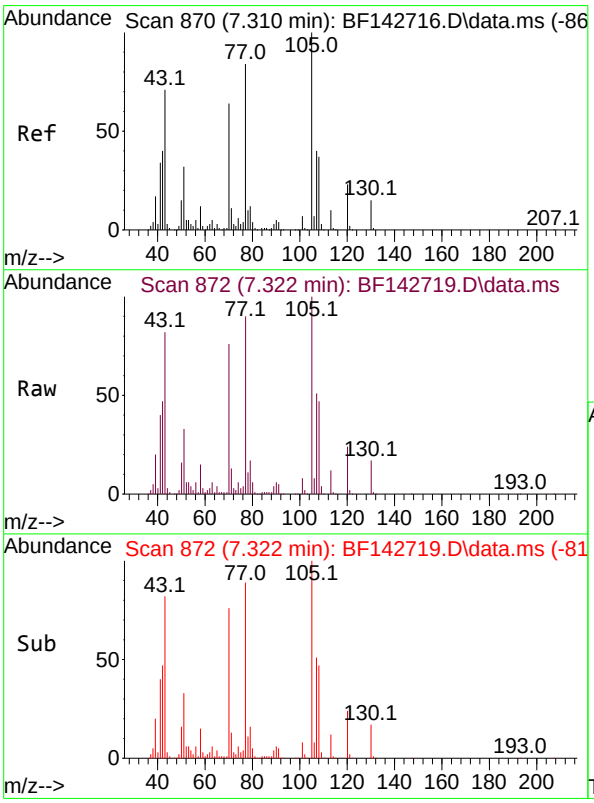
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
201	101.5	77.8	116.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

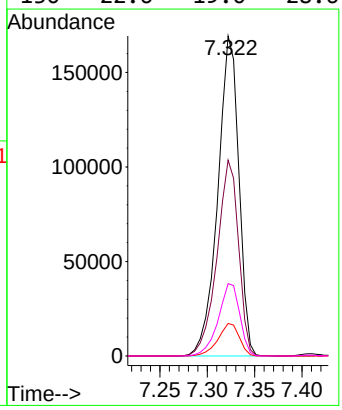
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

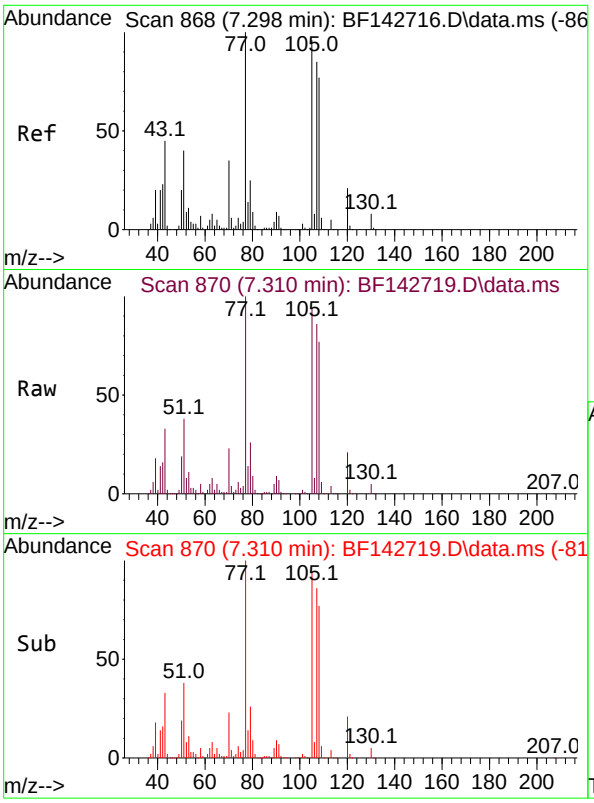


#19
n-Nitroso-di-n-propylamine
Concen: 80.661 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

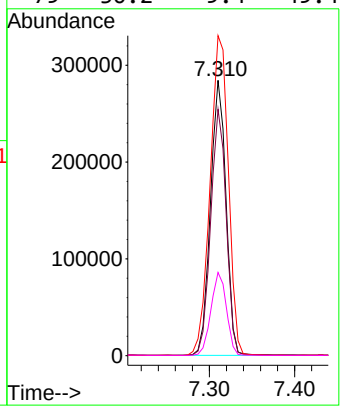




#20
3+4-Methylphenols
Concen: 74.532 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:107 Resp: 36054

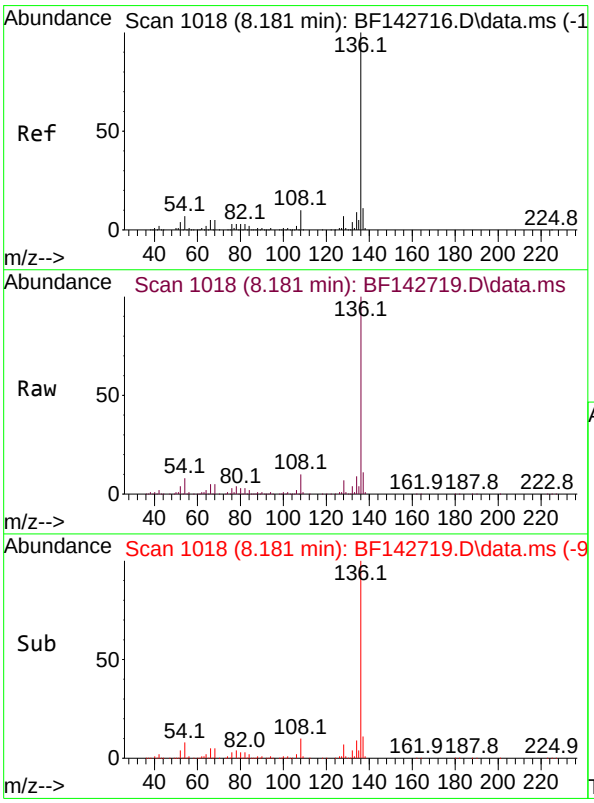
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	116.2	97.4	137.4
79	30.2	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

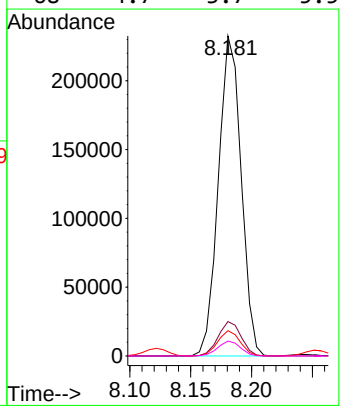
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

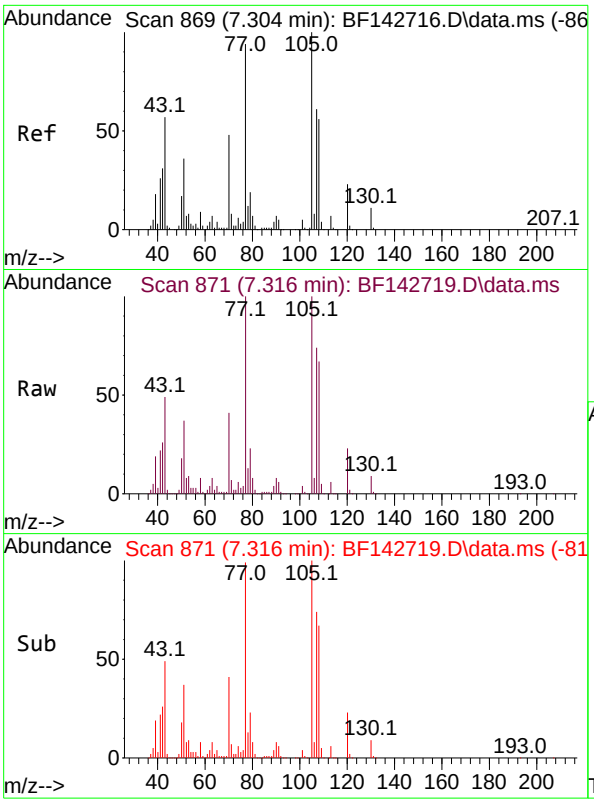


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

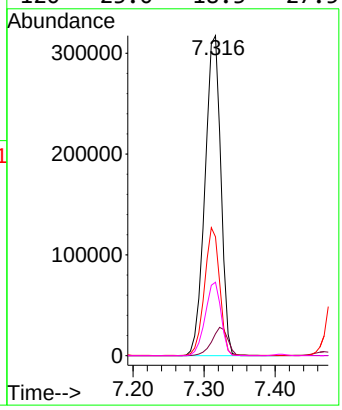




#22
Acetophenone
Concen: 74.696 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:105 Resp: 49473

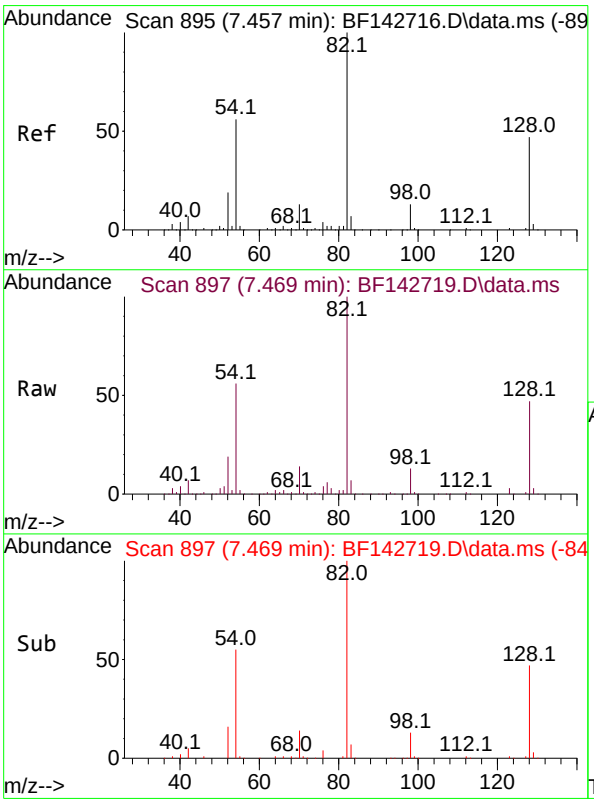
Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.4	9.6
51	37.1	29.1	43.7
120	23.0	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

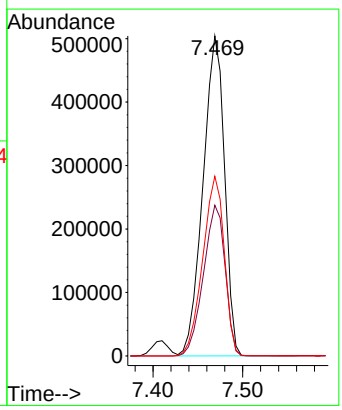
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

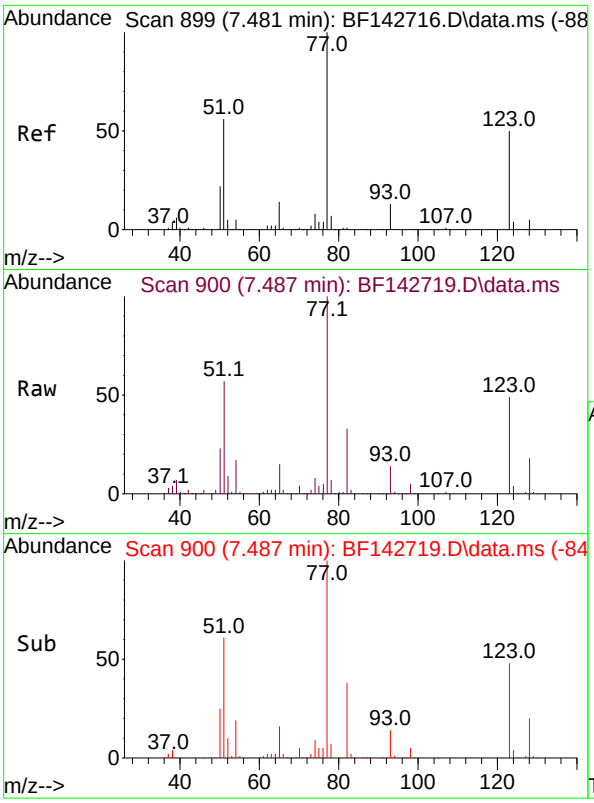


#23
Nitrobenzene-d5
Concen: 151.958 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

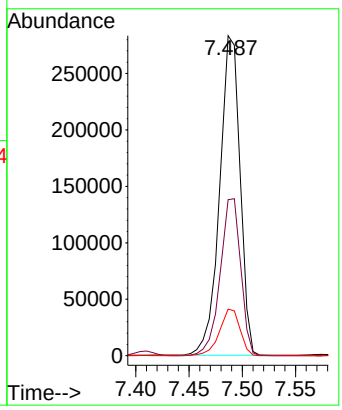




#24
Nitrobenzene
Concen: 75.974 ng
RT: 7.487 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 77 Resp: 37734

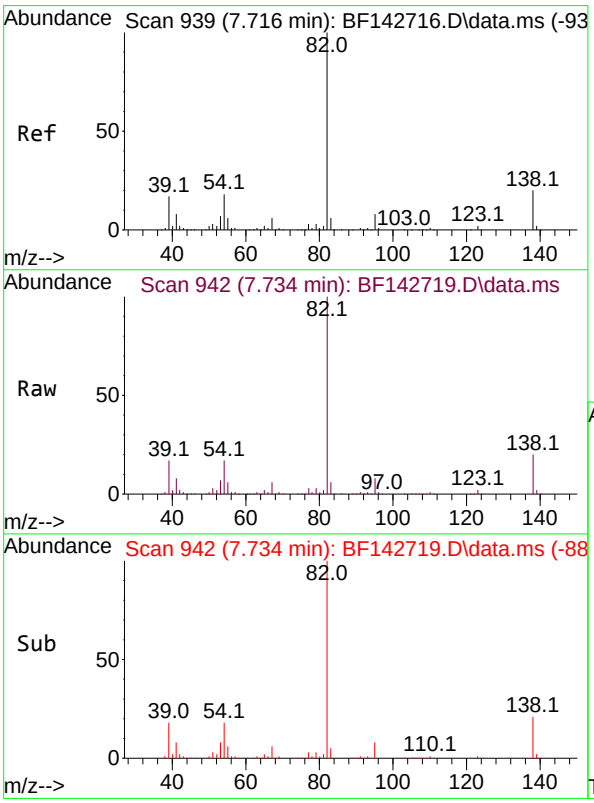
Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.8	61.2
65	14.6	11.5	17.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

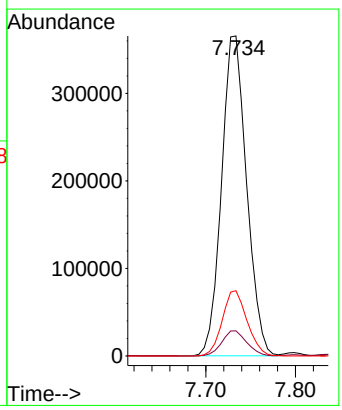
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

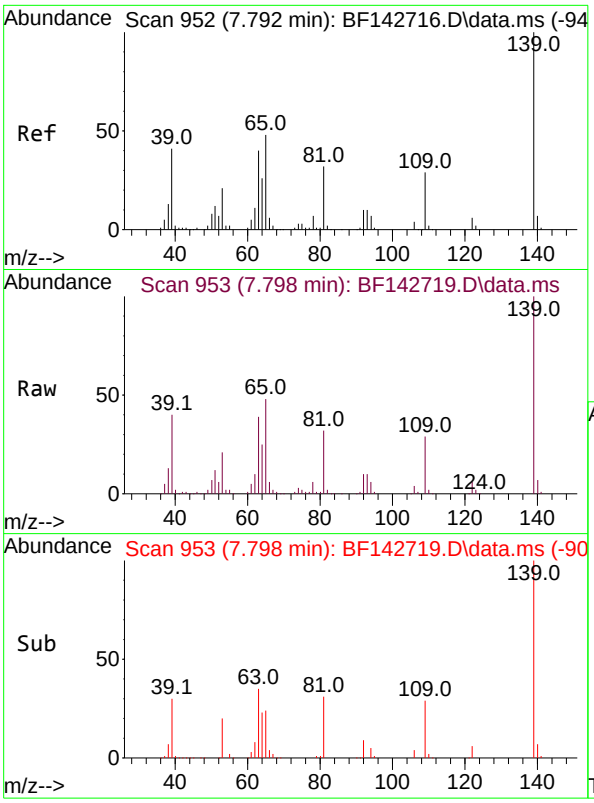


#25
Isophorone
Concen: 78.433 ng
RT: 7.734 min Scan# 942
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

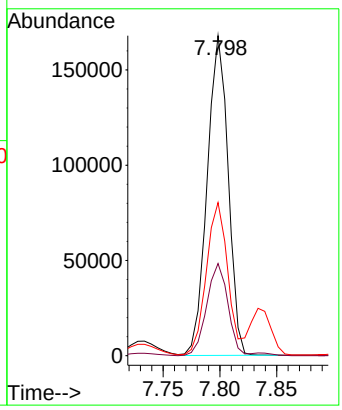




#26
2-Nitrophenol
Concen: 78.773 ng
RT: 7.798 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:139 Resp: 21561

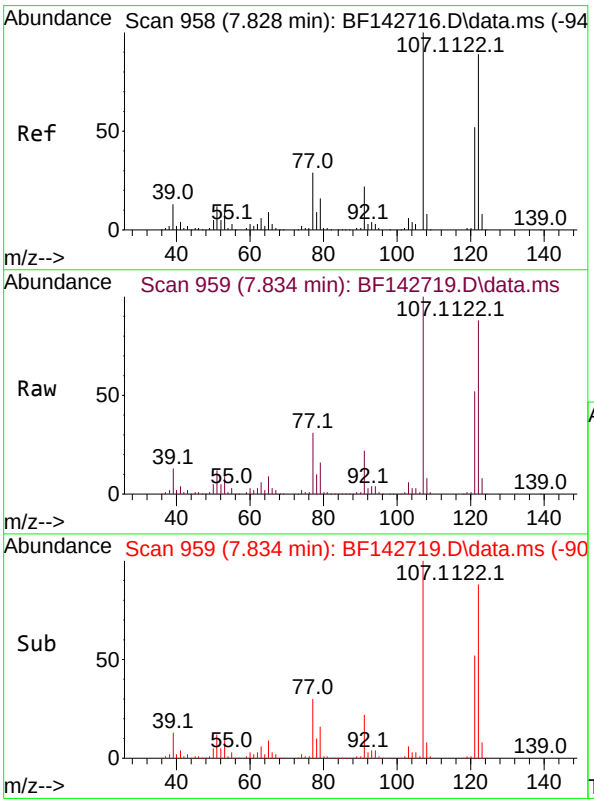
Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	47.8	38.7	58.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

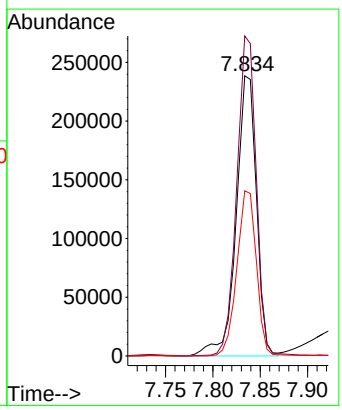
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

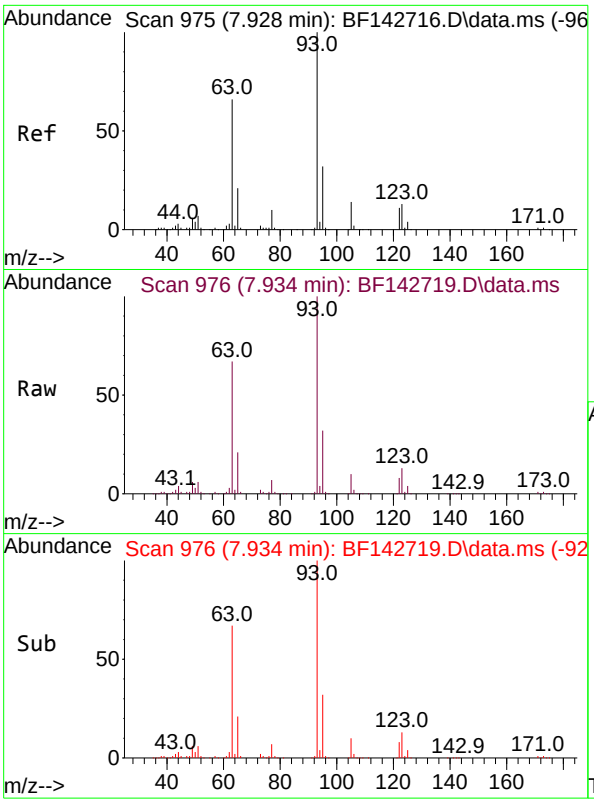


#27
2,4-Dimethylphenol
Concen: 75.877 ng
RT: 7.834 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

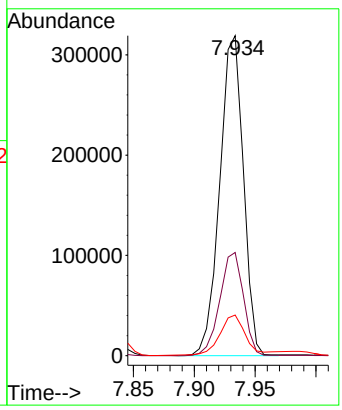
Tgt Ion: 93 Resp: 43155

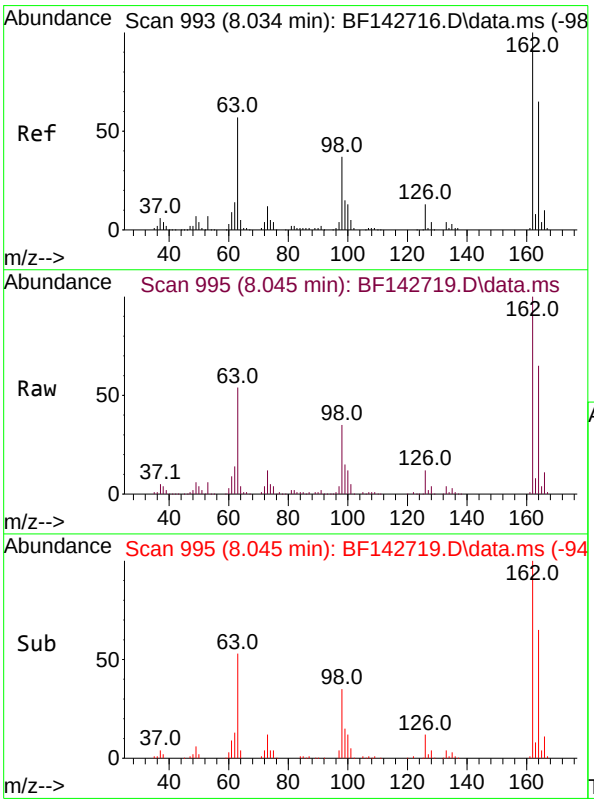
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	12.7	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

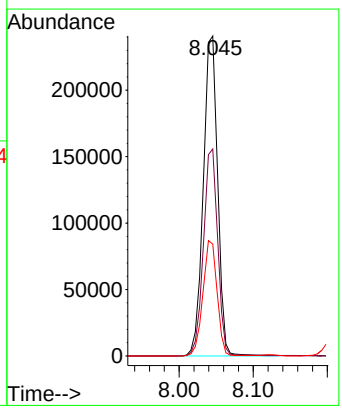


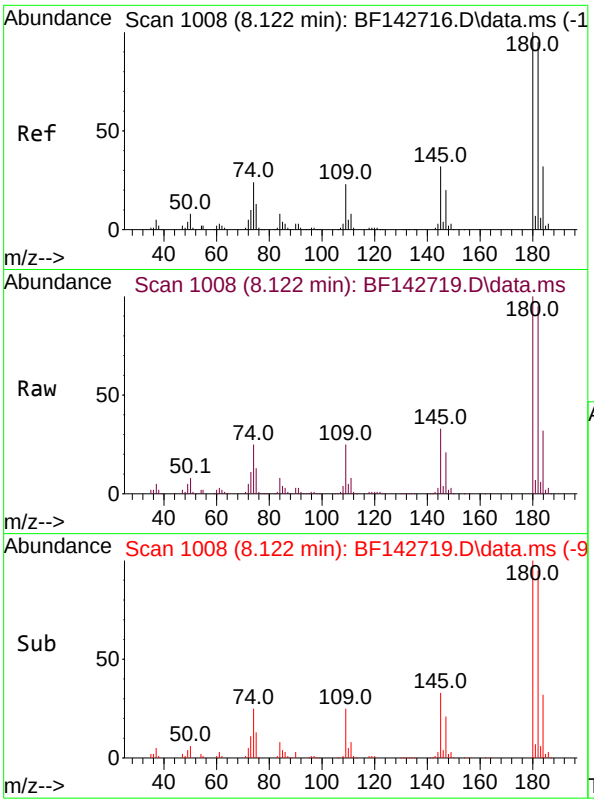


#29
2,4-Dichlorophenol
Concen: 76.711 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

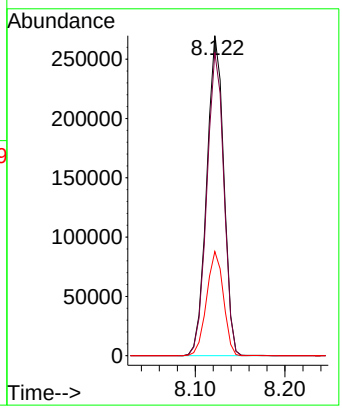




#30
1,2,4-Trichlorobenzene
Concen: 76.062 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:180 Resp: 35584

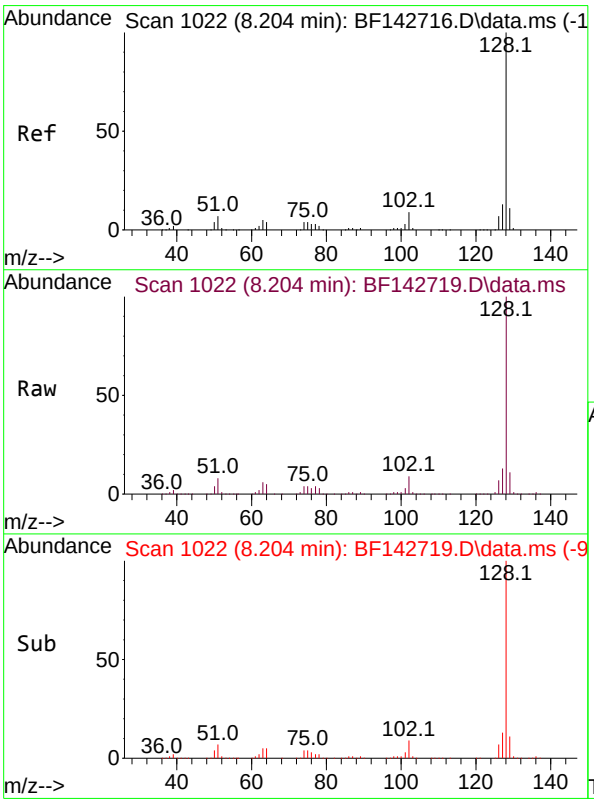
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.9	113.9
145	32.5	25.7	38.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

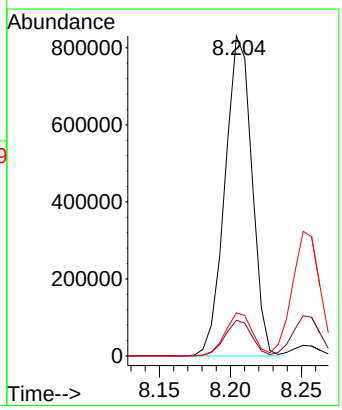
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

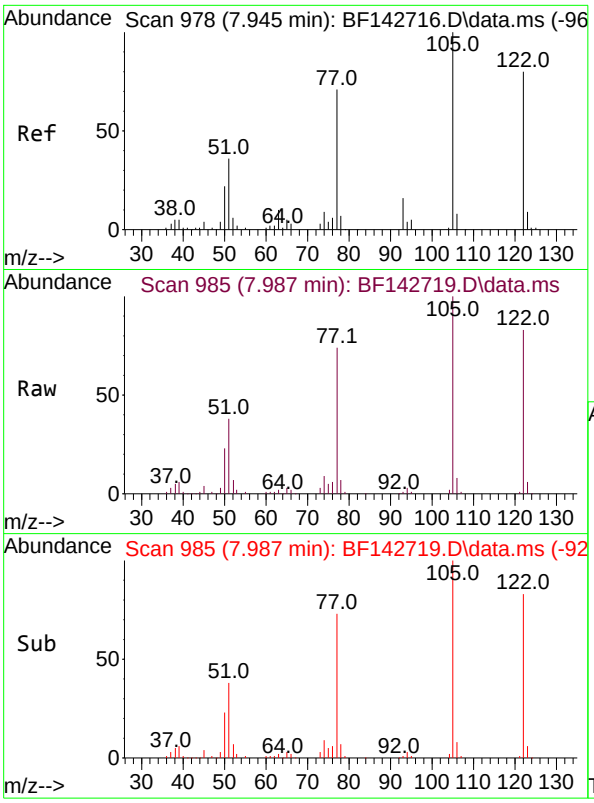


#31
Naphthalene
Concen: 73.252 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

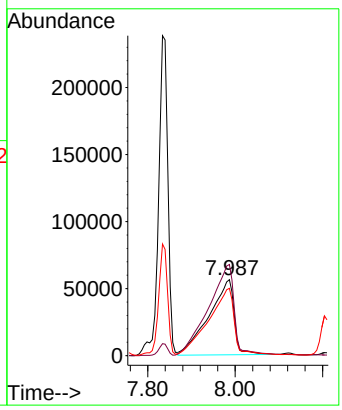




#32
Benzoic acid
Concen: 80.665 ng
RT: 7.987 min Scan# 9
Delta R.T. 0.041 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:122 Resp: 22539

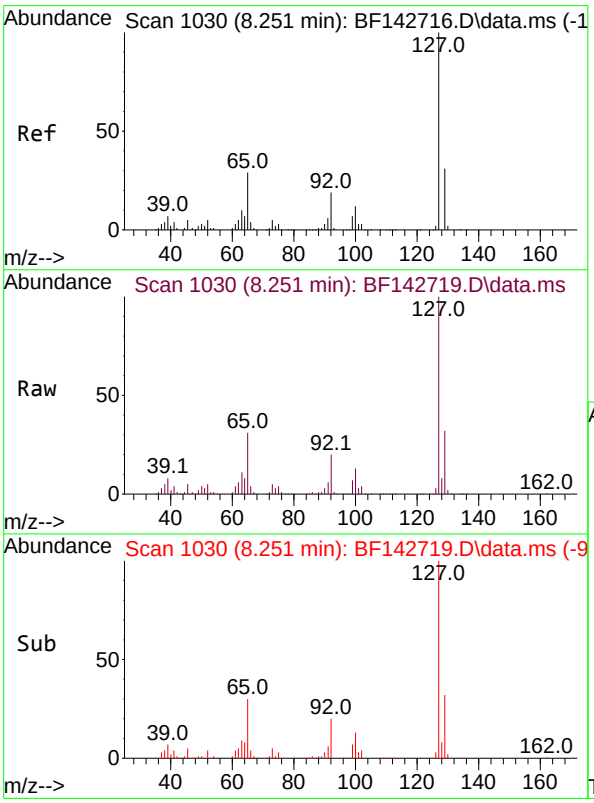
Ion	Ratio	Lower	Upper
122	100		
105	120.1	102.6	142.6
77	88.7	68.2	108.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

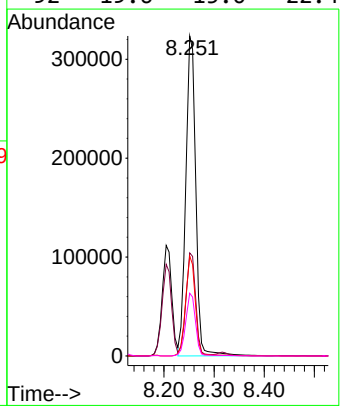
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

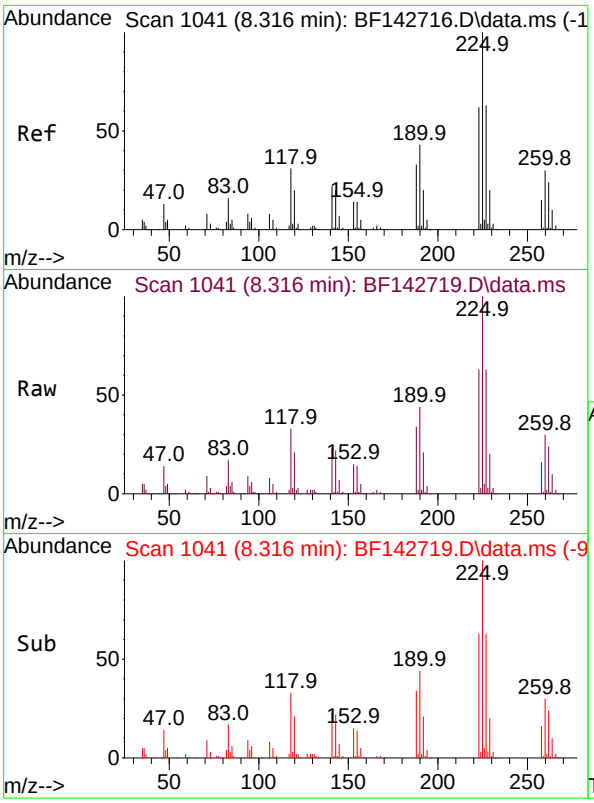


#33
4-Chloroaniline
Concen: 73.120 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

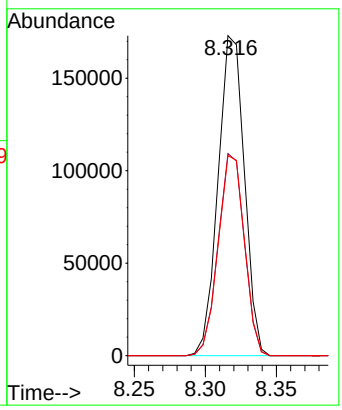




#34
Hexachlorobutadiene
Concen: 76.955 ng
RT: 8.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:225 Resp: 22284

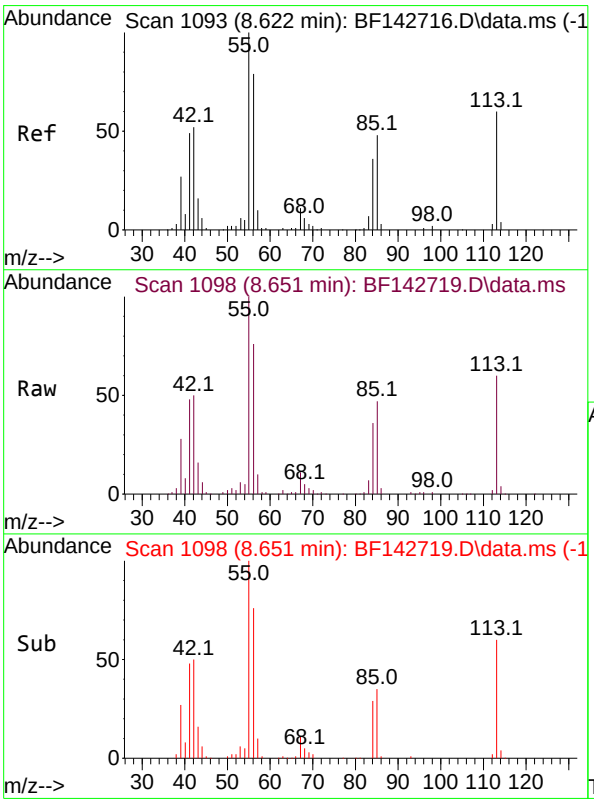
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.3	73.9
227	62.5	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

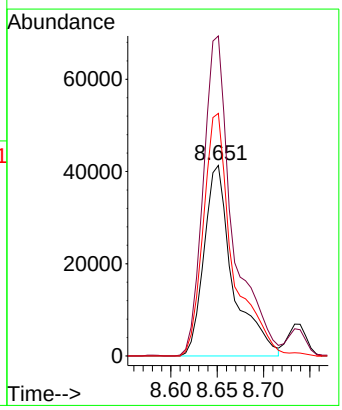
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

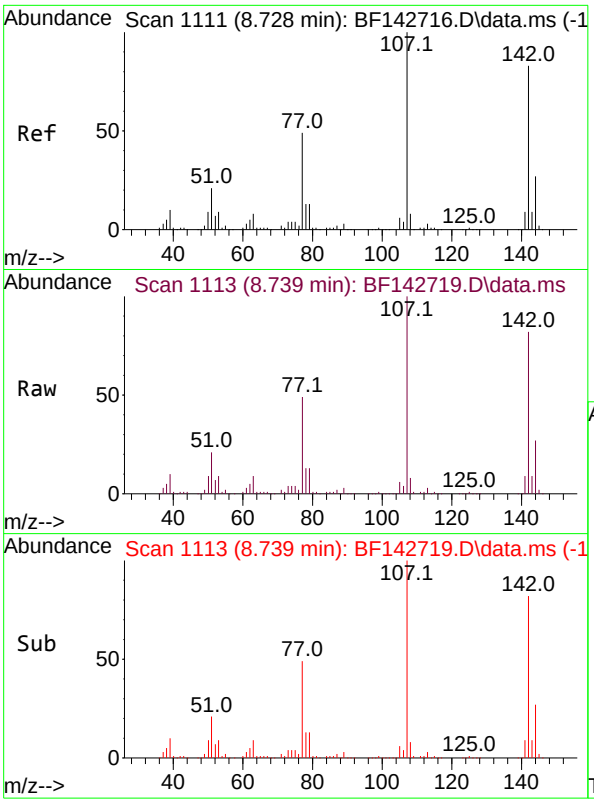


#35
Caprolactam
Concen: 69.799 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.029 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

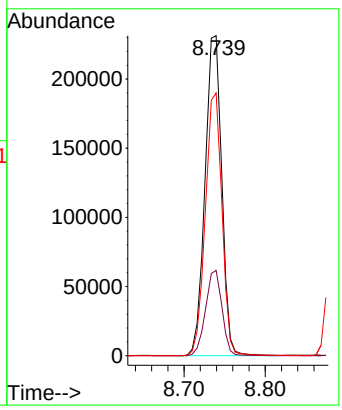
Tgt Ion:107 Resp: 33097

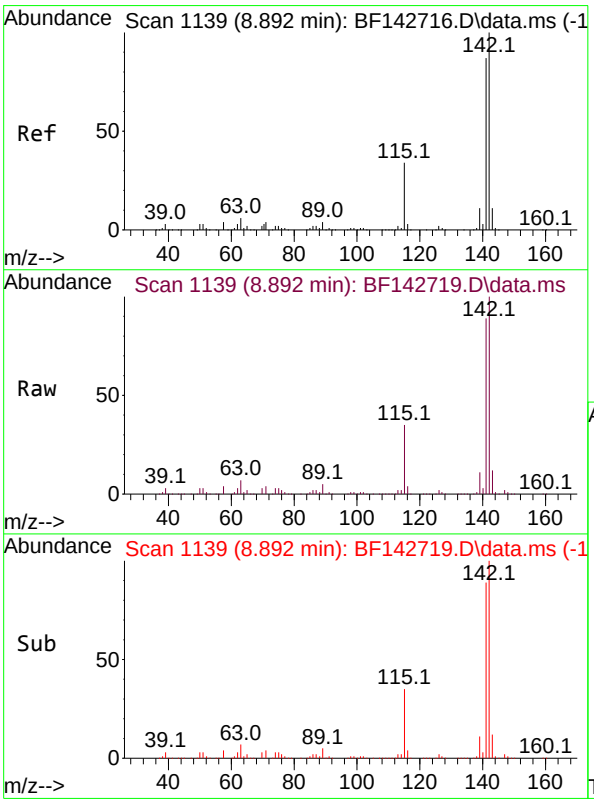
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	82.1	66.2	99.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

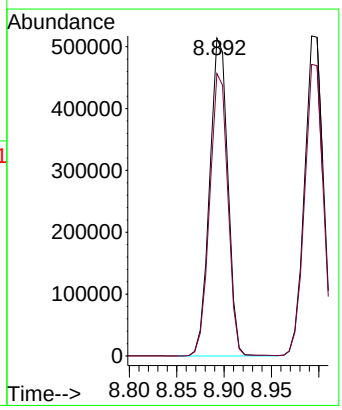


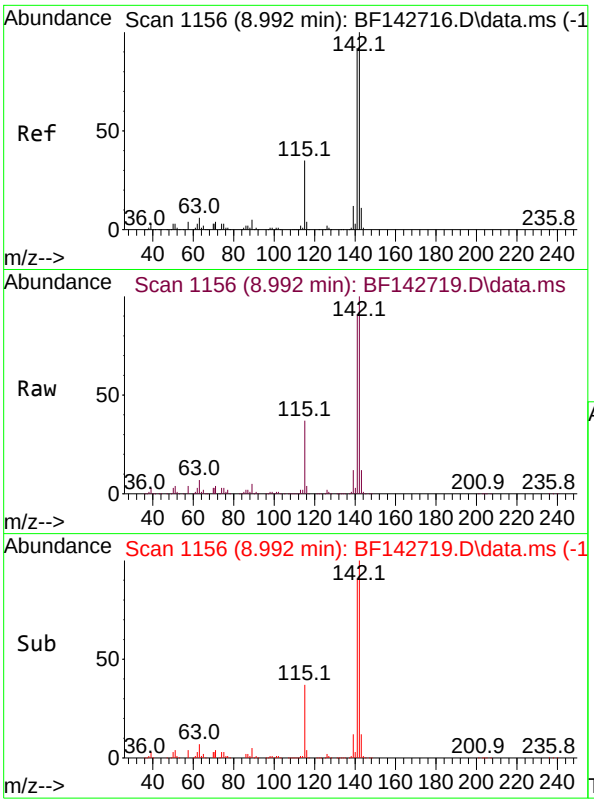


#37
2-Methylnaphthalene
Concen: 72.000 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

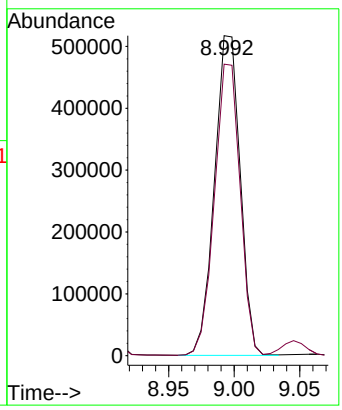
Tgt Ion:142 Resp: 70200

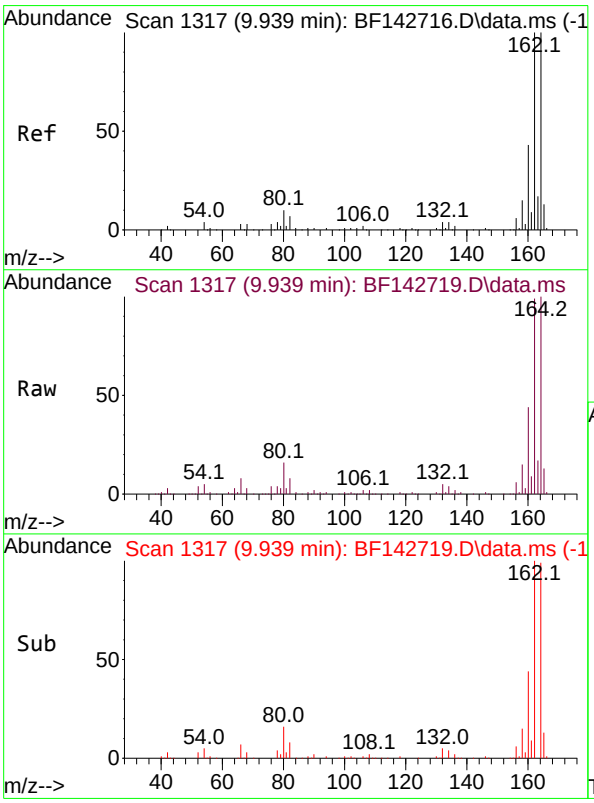
Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

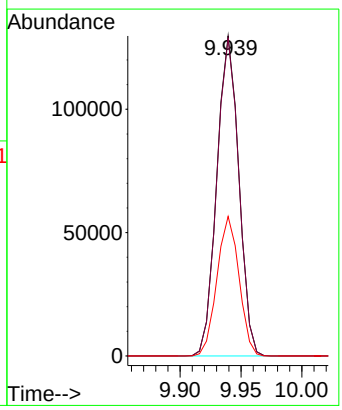


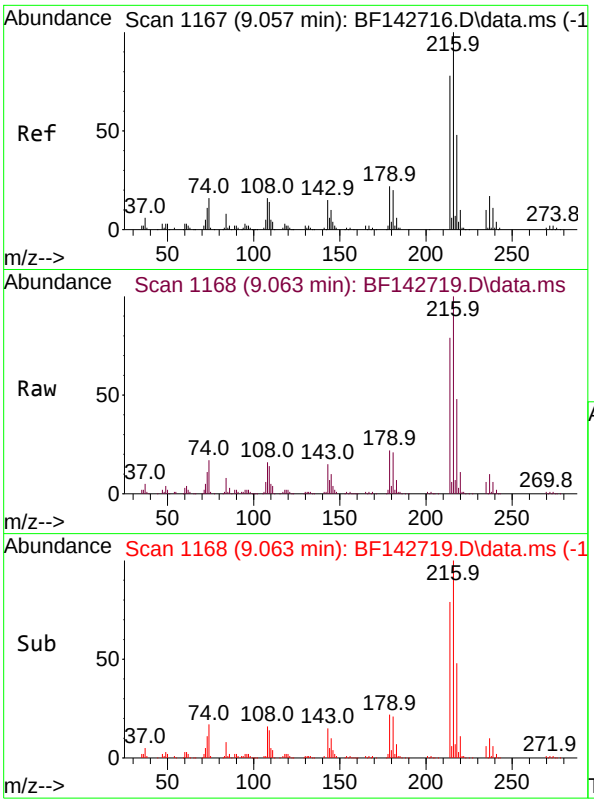


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

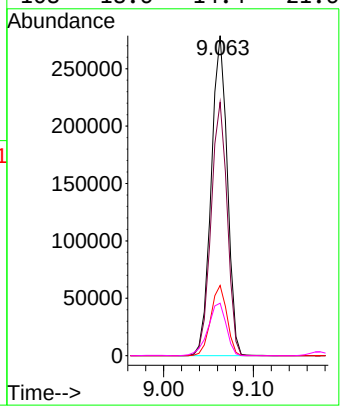




#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.054 ng
RT: 9.063 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:216 Resp: 34691

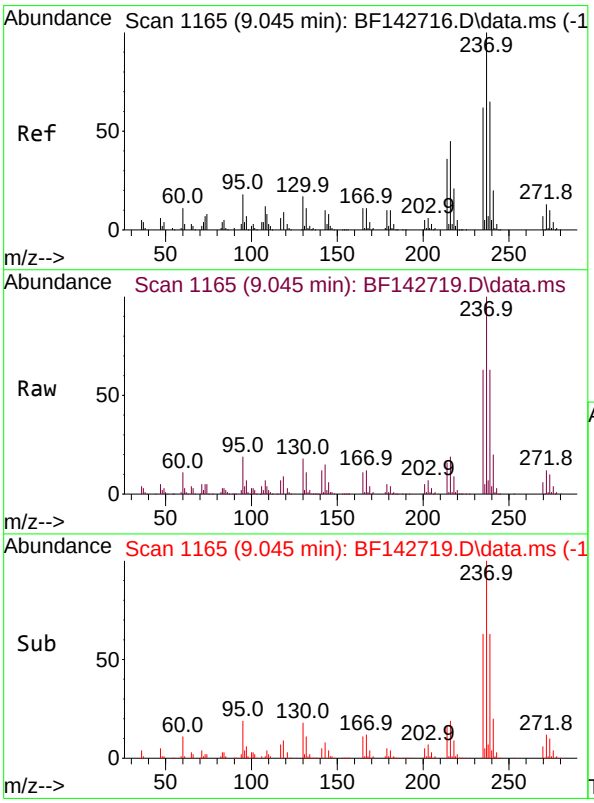
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	94.0
179	21.9	17.1	25.7
108	18.6	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

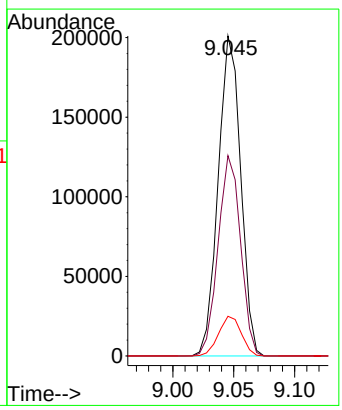
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

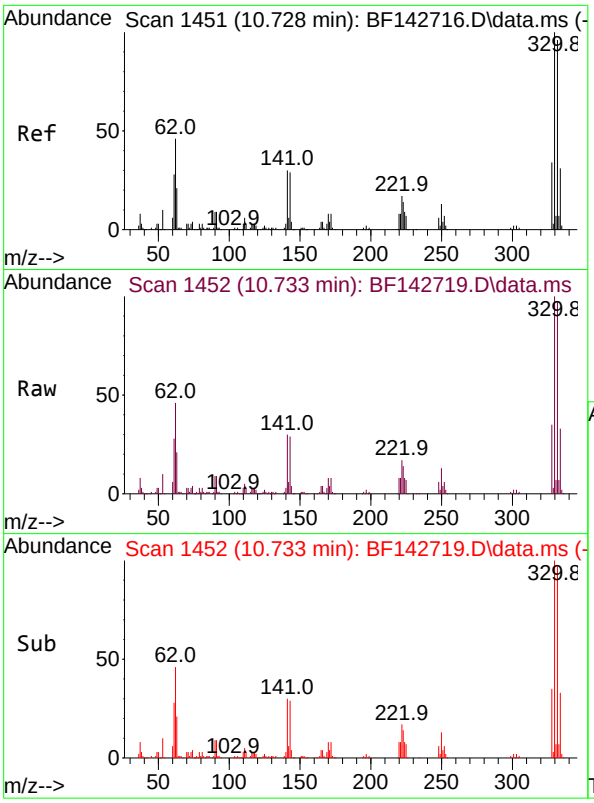


#41
Hexachlorocyclopentadiene
Concen: 91.299 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

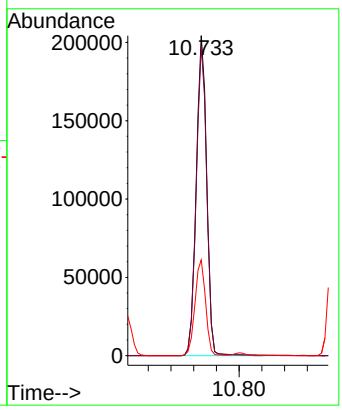




#42
2,4,6-Tribromophenol
Concen: 143.986 ng
RT: 10.733 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:330 Resp: 26331

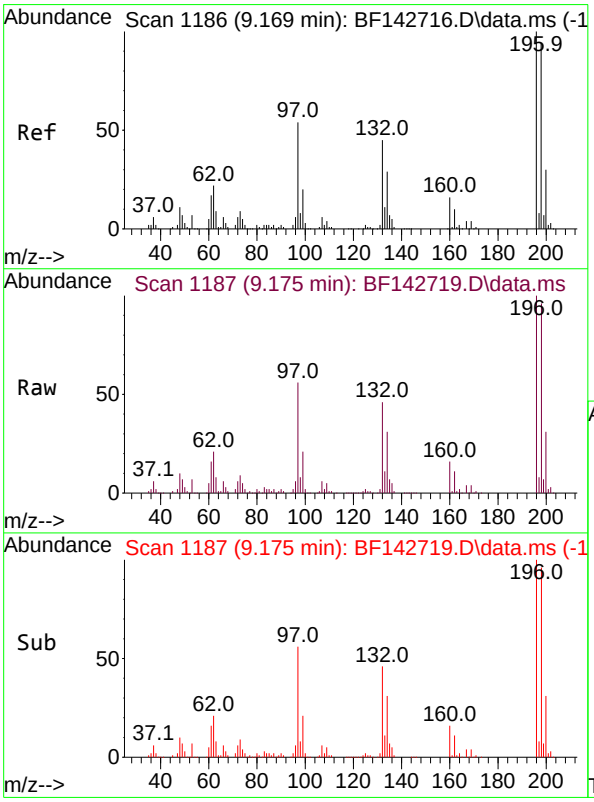
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

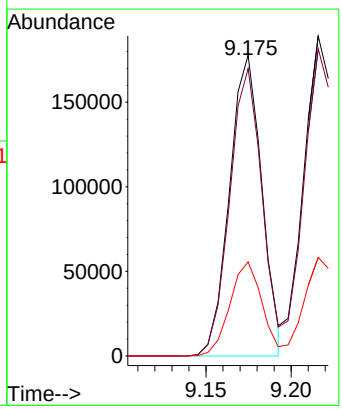
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

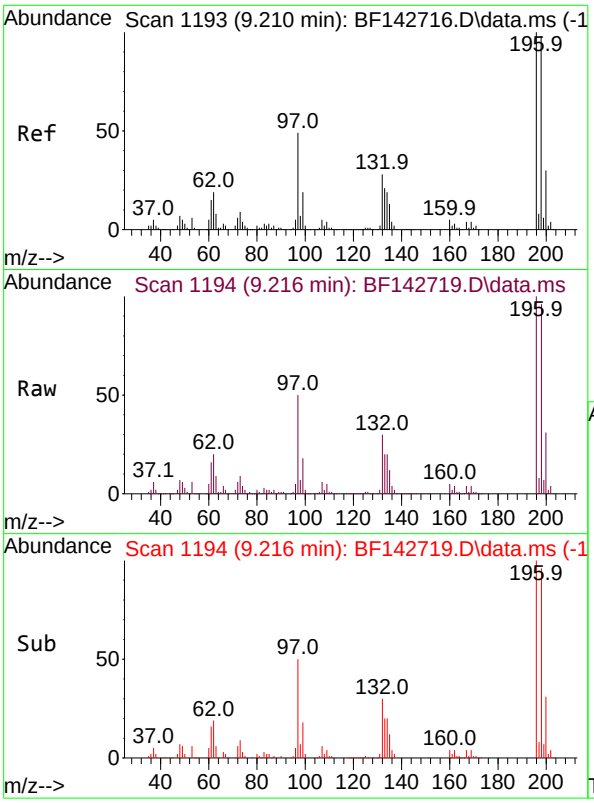


#43
2,4,6-Trichlorophenol
Concen: 75.673 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

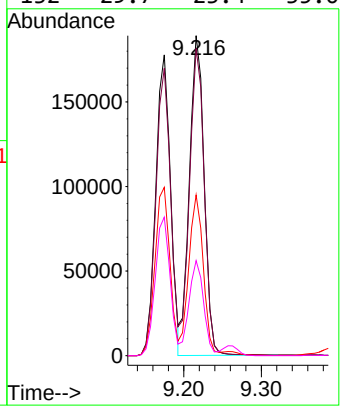




#44
2,4,5-Trichlorophenol
Concen: 75.229 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:196 Resp: 24990

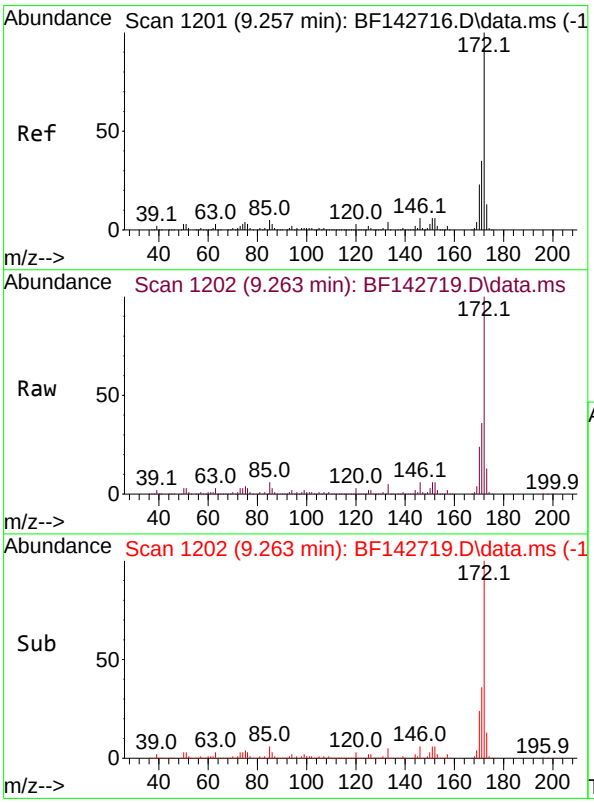
Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
97	50.2	38.6	57.8
132	29.7	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

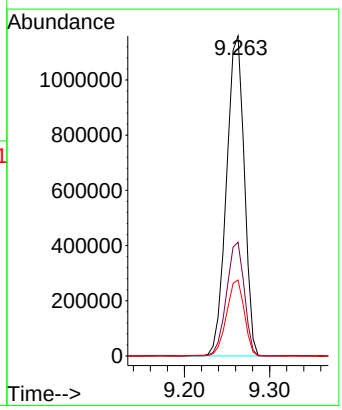
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

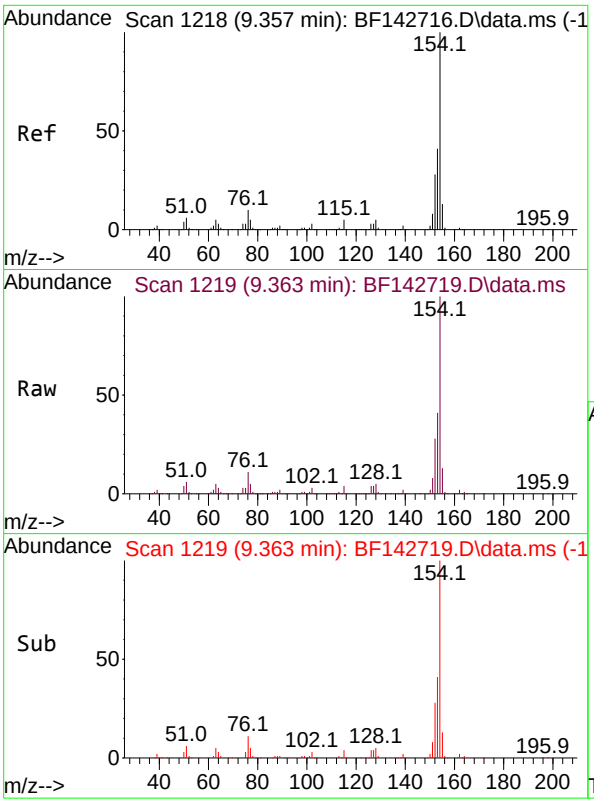


#45
2-Fluorobiphenyl
Concen: 140.008 ng
RT: 9.263 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

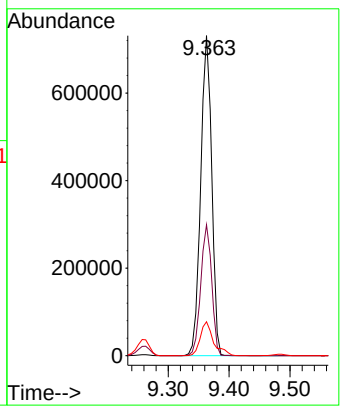




#46
1,1'-Biphenyl
Concen: 72.479 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:154 Resp: 91990

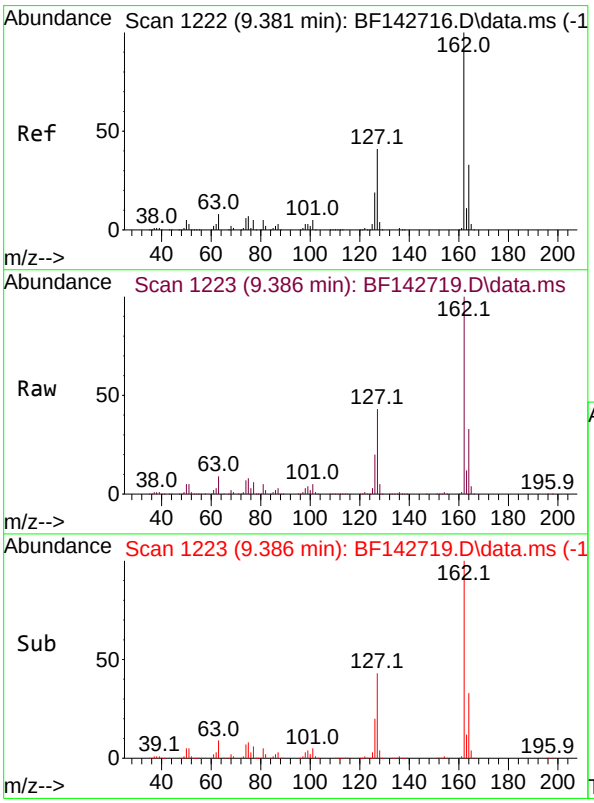
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	10.6	0.0	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

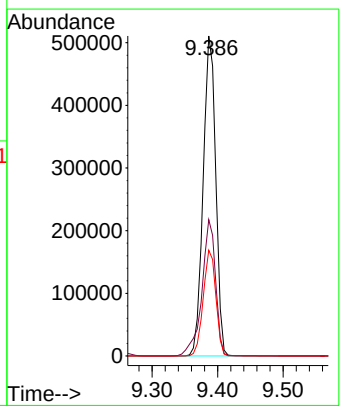
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

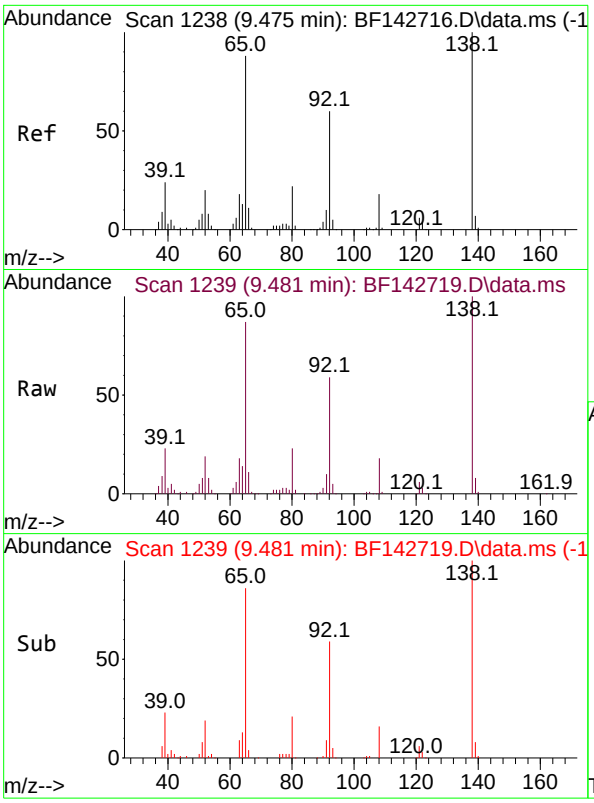


#47
2-Chloronaphthalene
Concen: 72.031 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

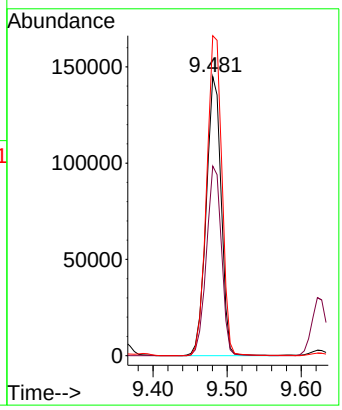
Tgt Ion: 65 Resp: 20282

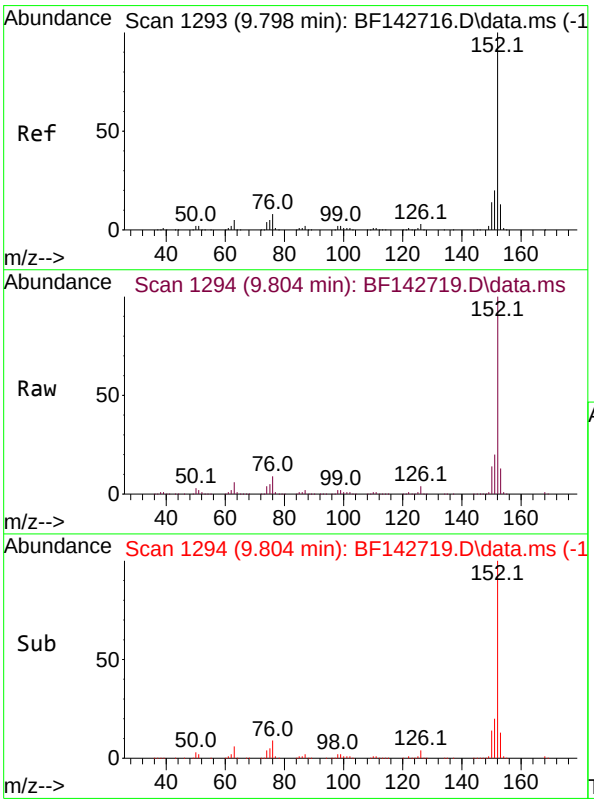
Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.5	81.7
138	114.7	90.6	136.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

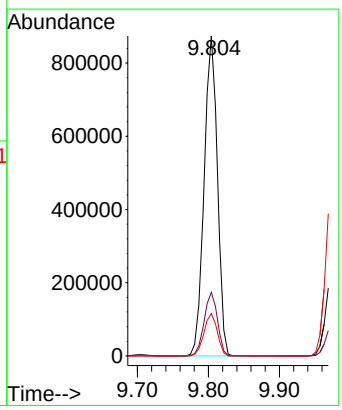


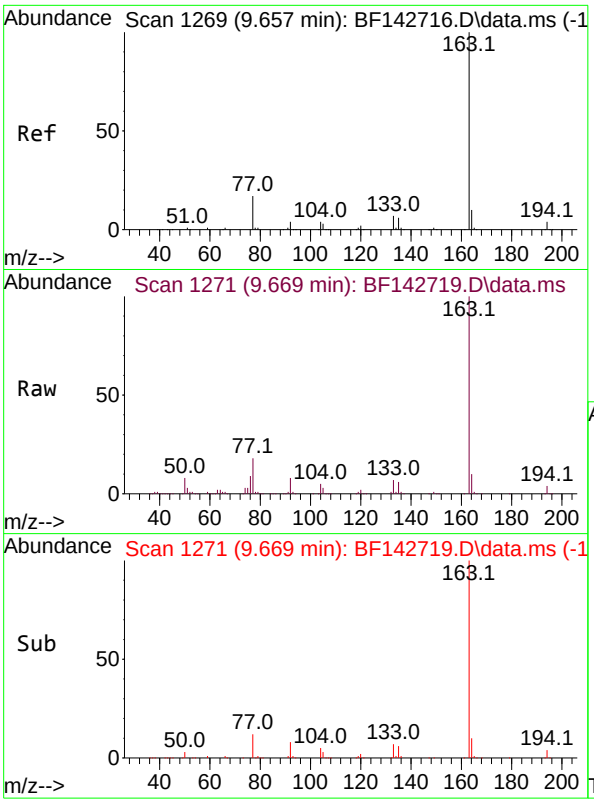


#49
Acenaphthylene
Concen: 72.323 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

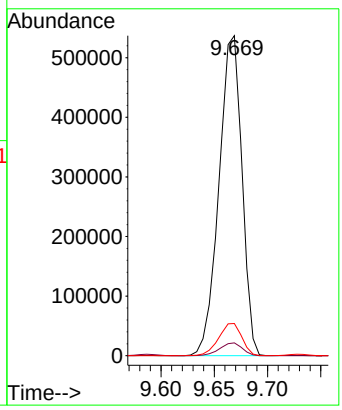
Tgt Ion:163 Resp: 80616

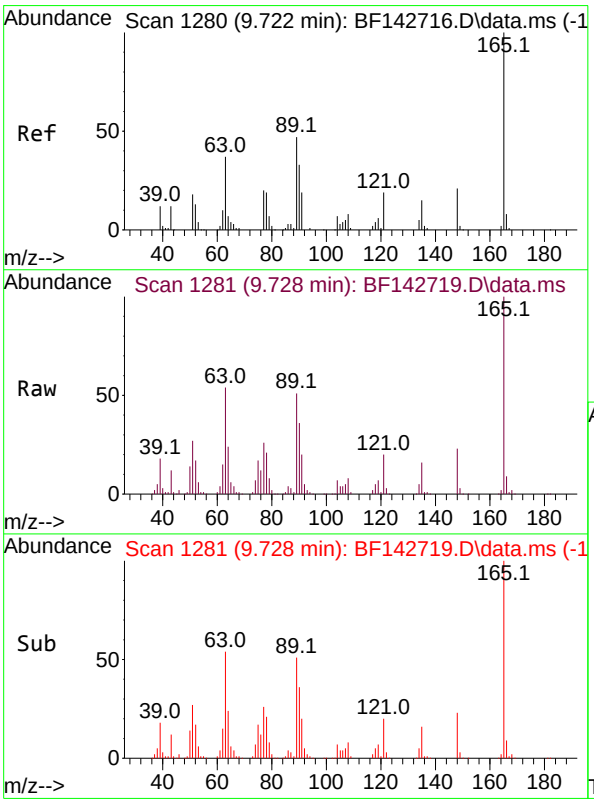
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

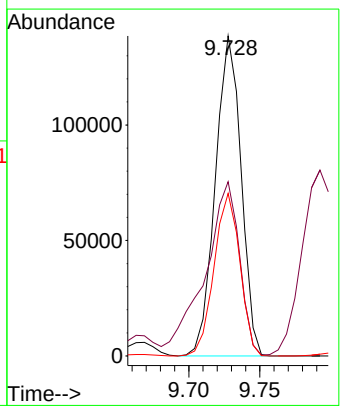


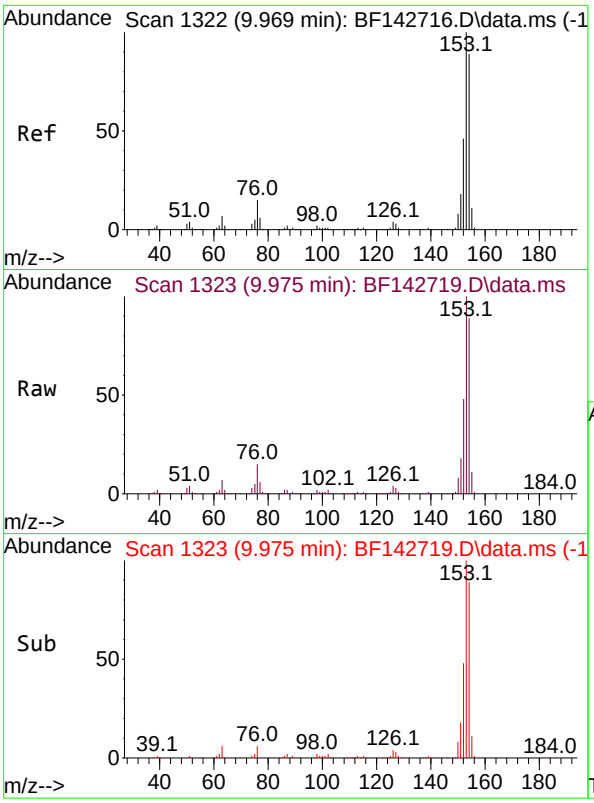


#51
2,6-Dinitrotoluene
Concen: 73.343 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

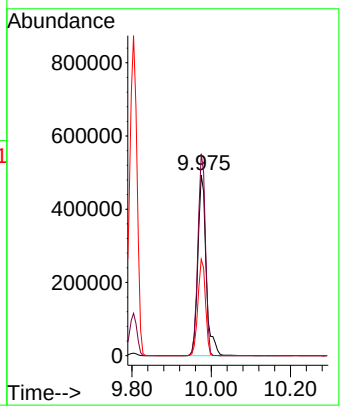




#52
Acenaphthene
Concen: 74.430 ng
RT: 9.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:154 Resp: 71773

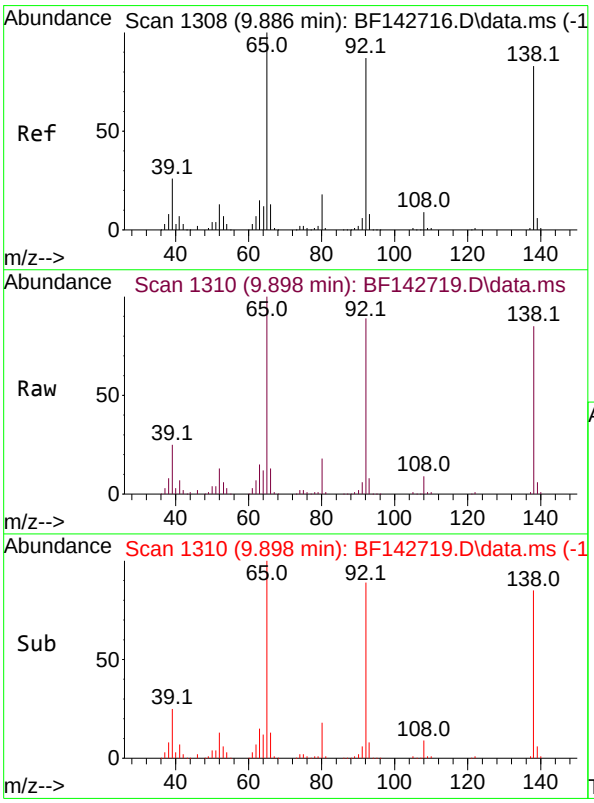
Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	53.4	41.9	62.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

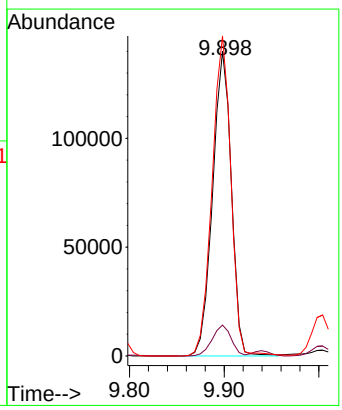
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

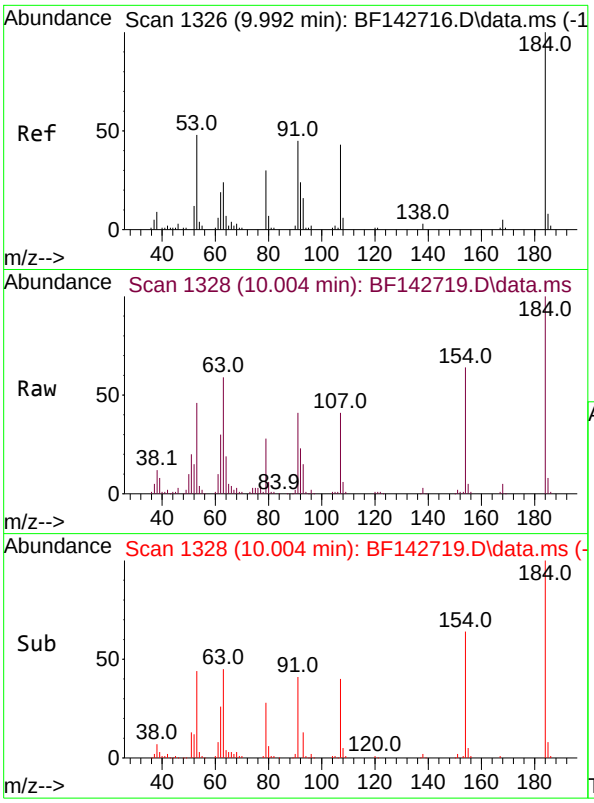


#53
3-Nitroaniline
Concen: 72.585 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

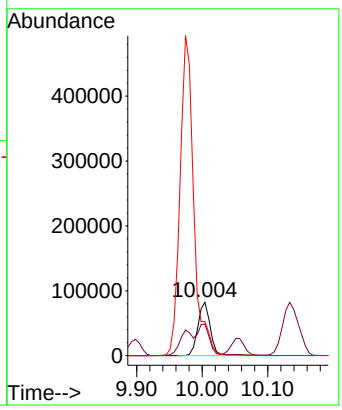




#54
2,4-Dinitrophenol
Concen: 84.319 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:184 Resp: 11030

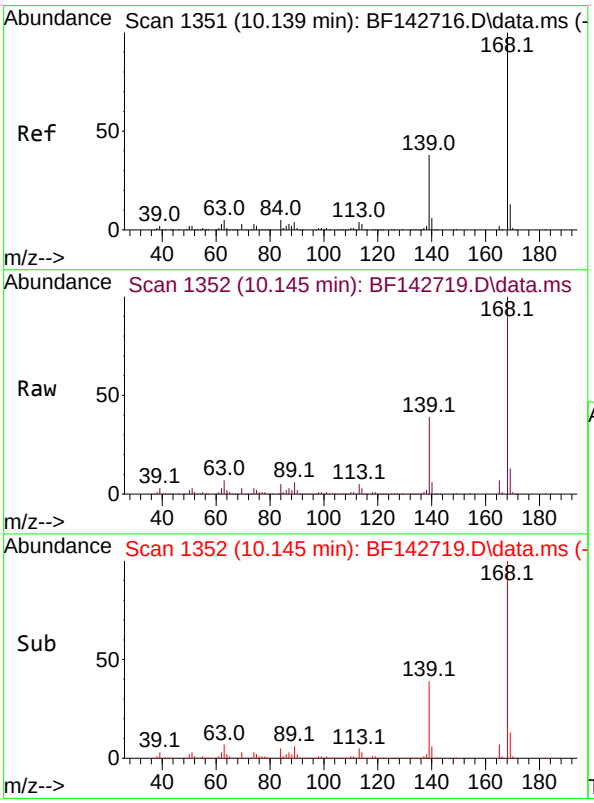
Ion	Ratio	Lower	Upper
184	100		
63	59.5	51.7	77.5
154	63.5	60.1	90.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

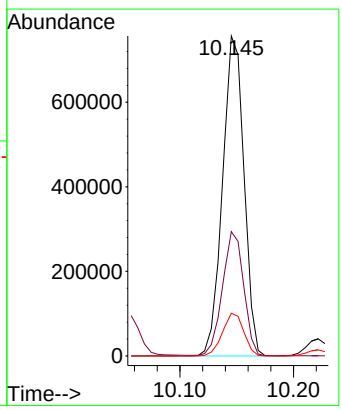
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

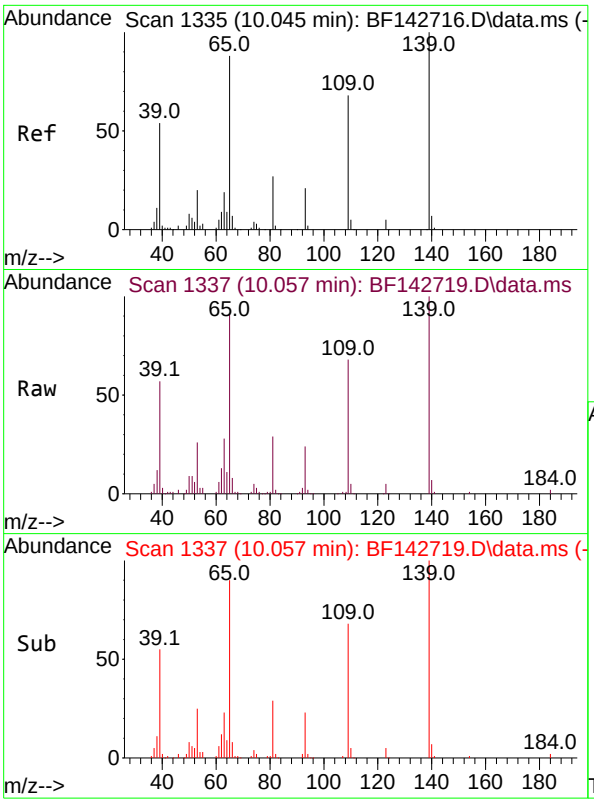


#55
Dibenzofuran
Concen: 71.616 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

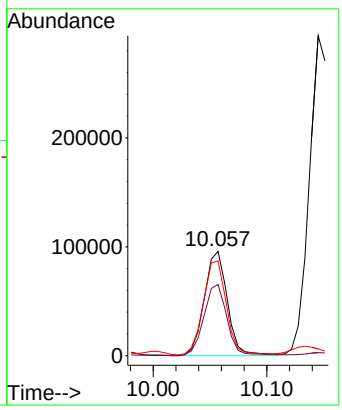
Tgt Ion:139 Resp: 13555

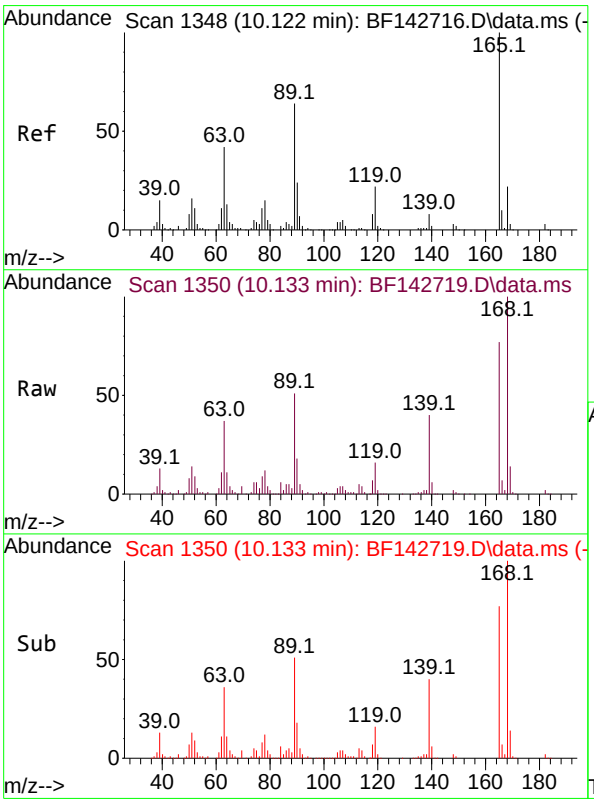
Ion	Ratio	Lower	Upper
139	100		
109	68.2	47.5	87.5
65	90.7	69.2	109.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

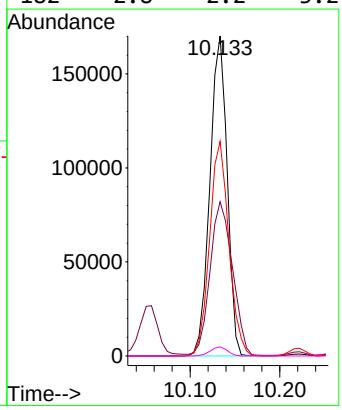


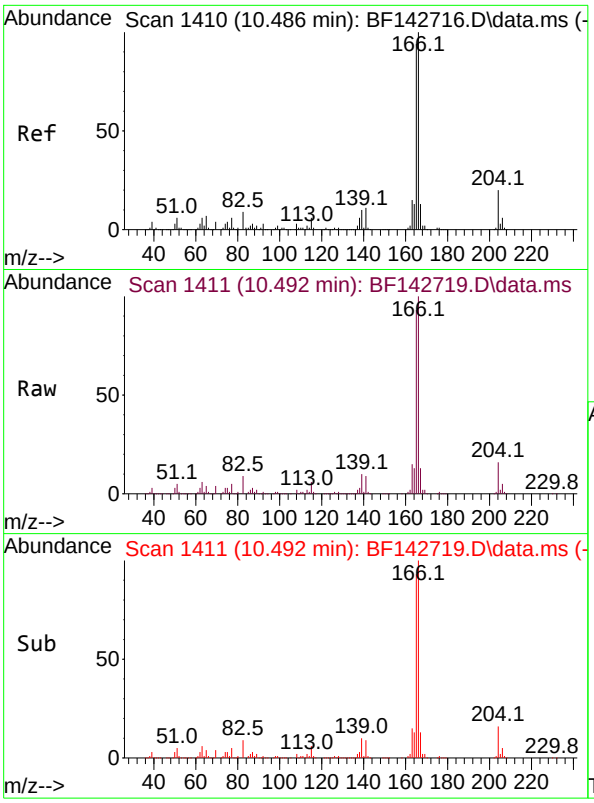


#57
2,4-Dinitrotoluene
Concen: 71.678 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

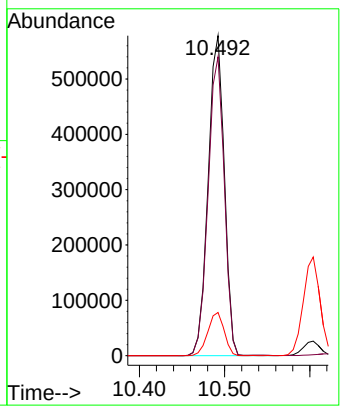
Tgt Ion:166 Resp: 76232

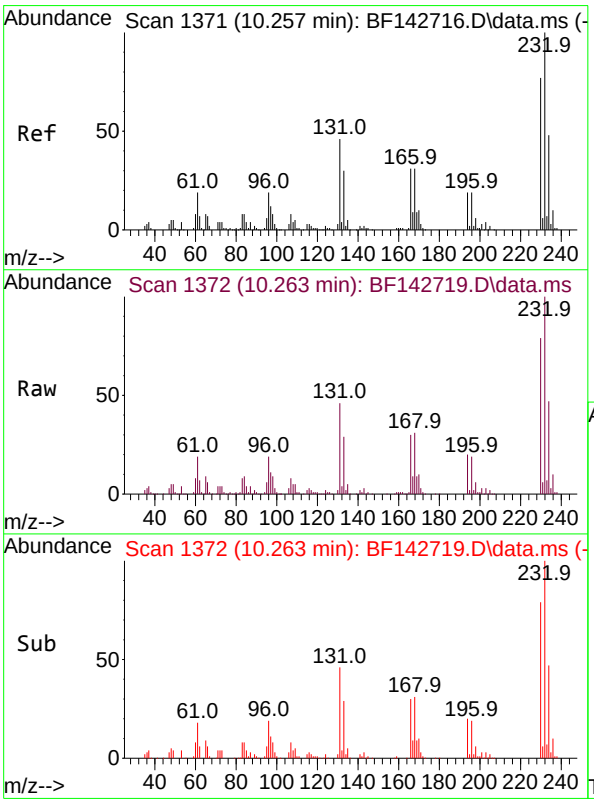
Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.9	112.3
167	13.5	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

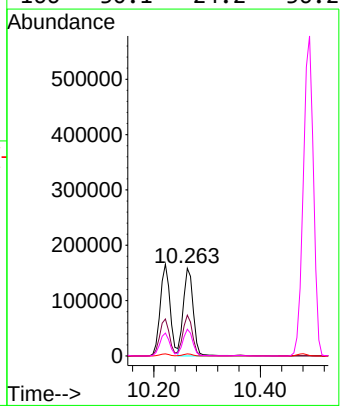


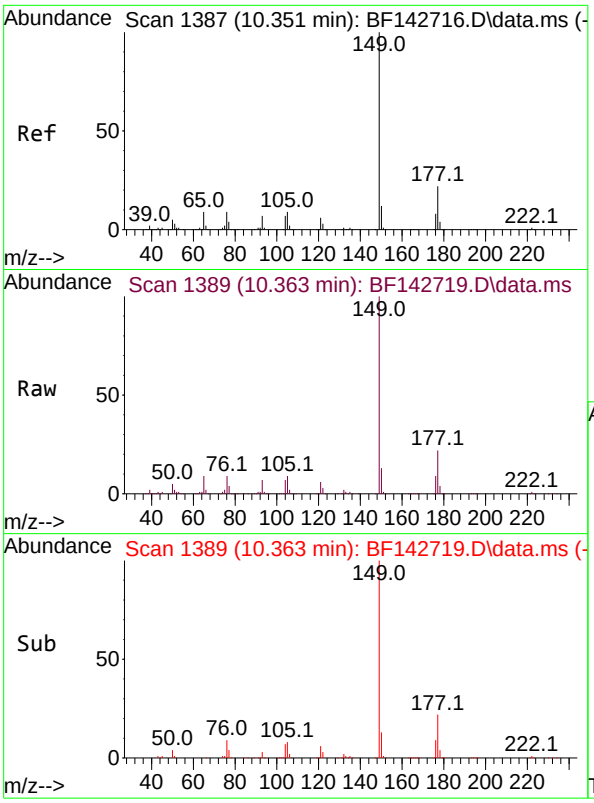


#59
2,3,4,6-Tetrachlorophenol
Concen: 73.596 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

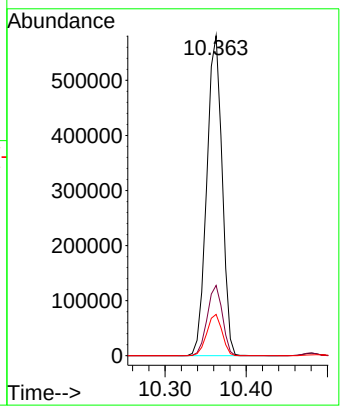




#60
Diethylphthalate
Concen: 71.123 ng
RT: 10.363 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 75998

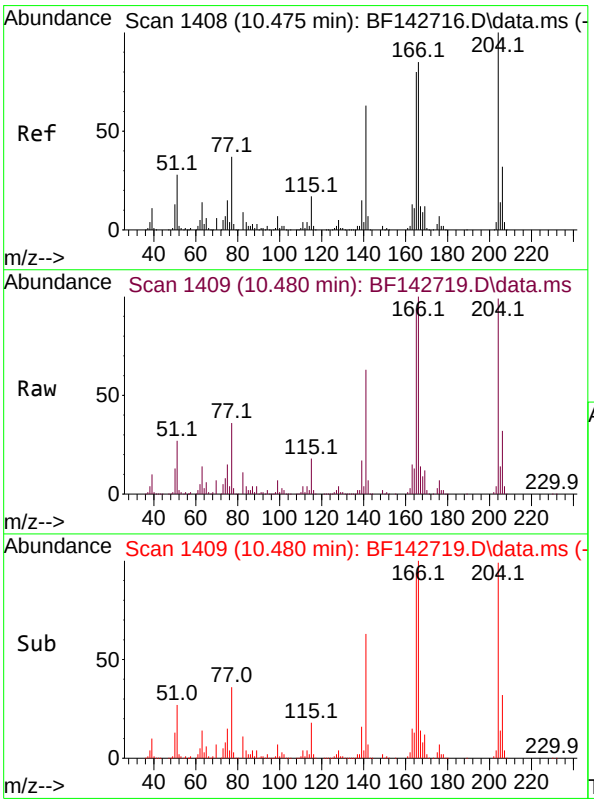
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

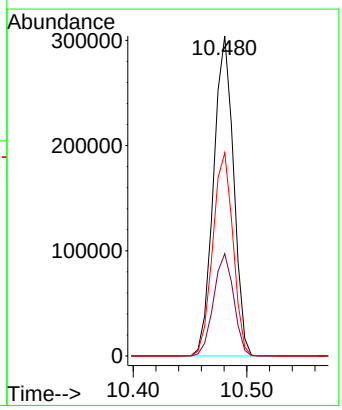
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

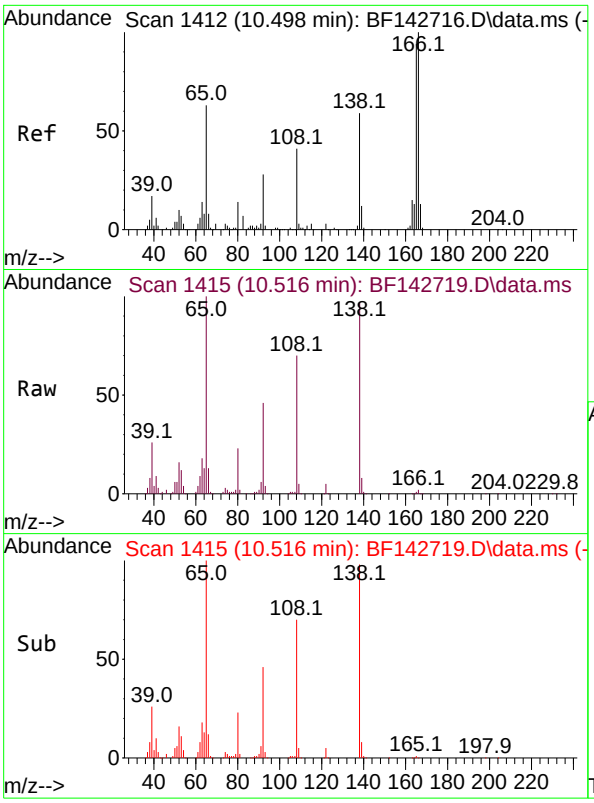


#61
4-Chlorophenyl-phenylether
Concen: 71.075 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

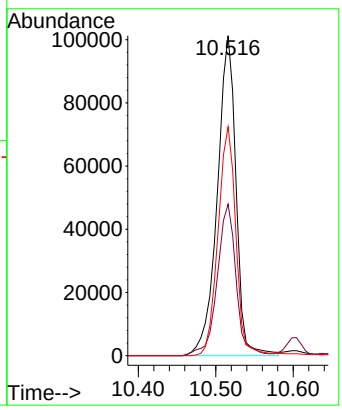




#62
4-Nitroaniline
Concen: 68.540 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:138 Resp: 17033

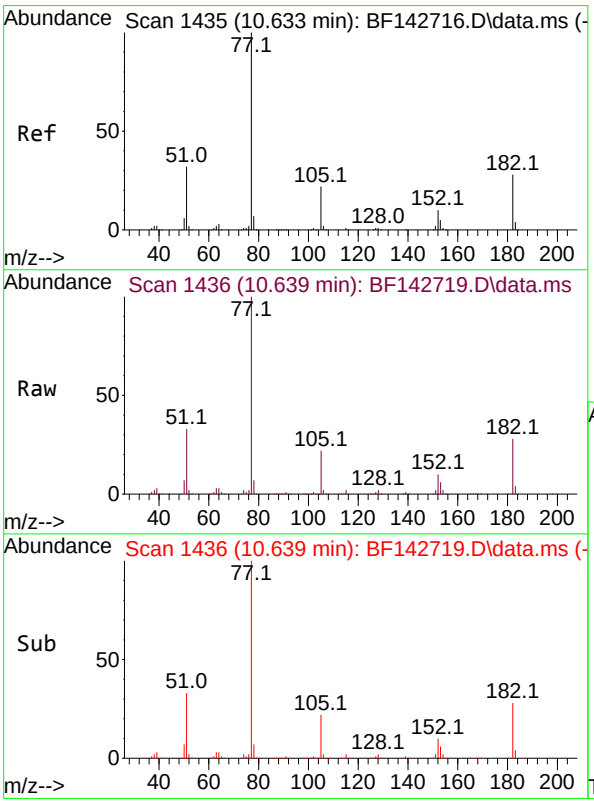
Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.2	67.2
108	71.6	49.9	89.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

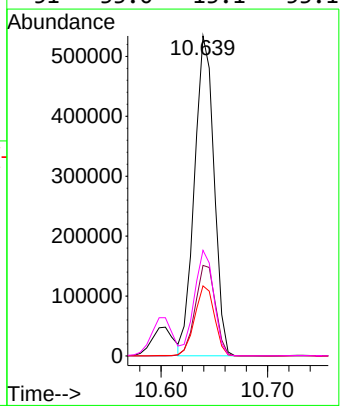
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

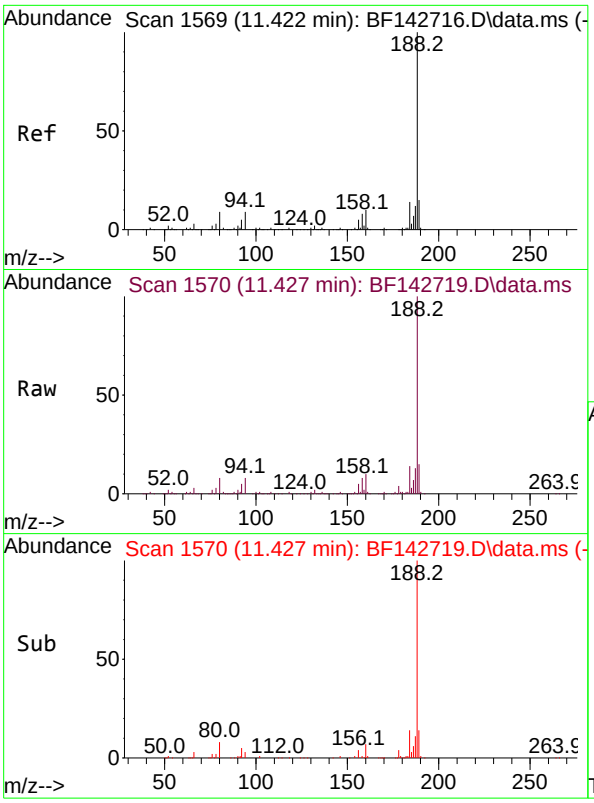


#63
Azobenzene
Concen: 71.254 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

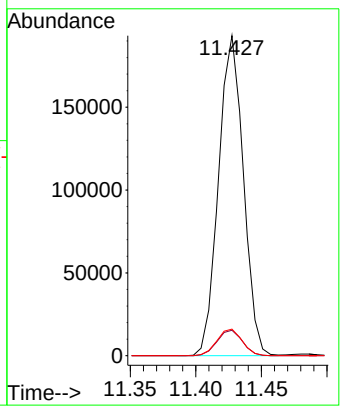
Tgt Ion:188 Resp: 25468

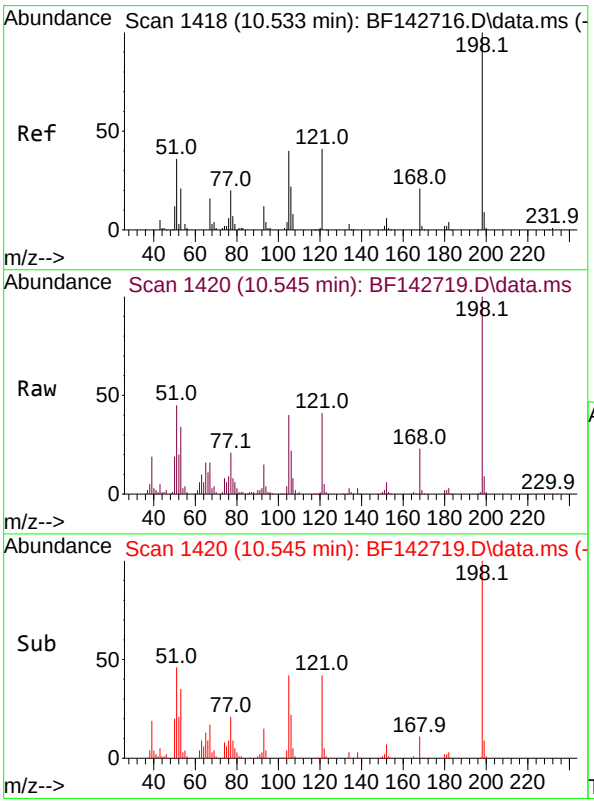
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.3	7.1	10.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

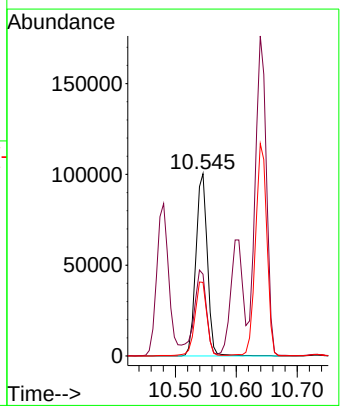


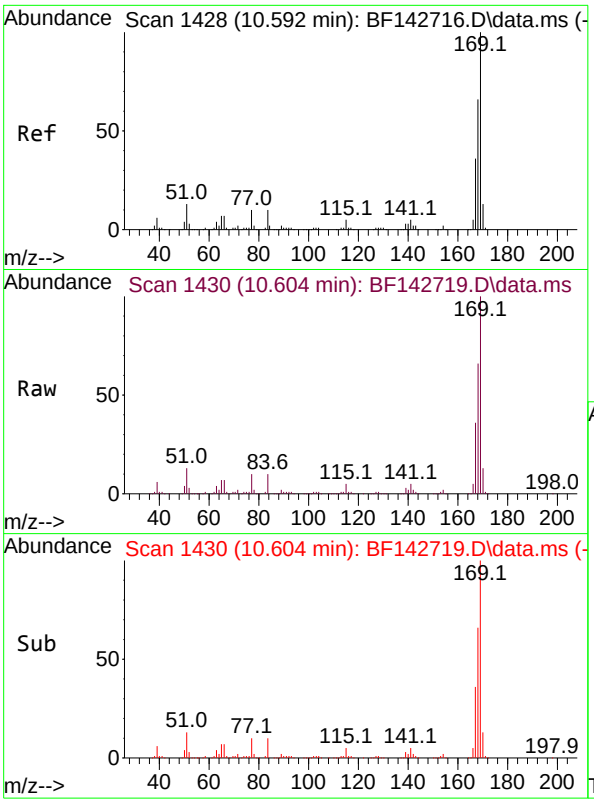


#65
4,6-Dinitro-2-methylphenol
Concen: 82.959 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

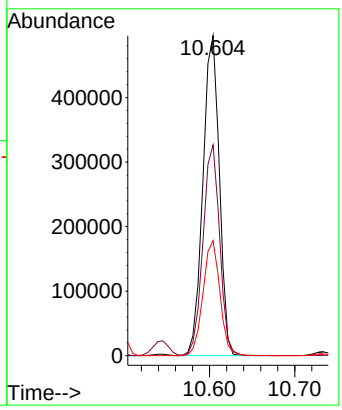




#66
n-Nitrosodiphenylamine
Concen: 80.735 ng
RT: 10.604 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:169 Resp: 66324

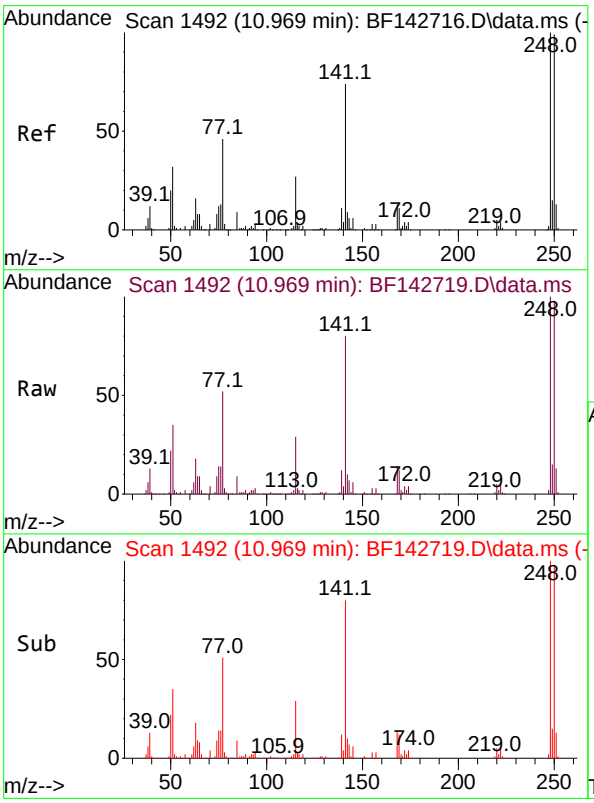
Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.4
167	36.0	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

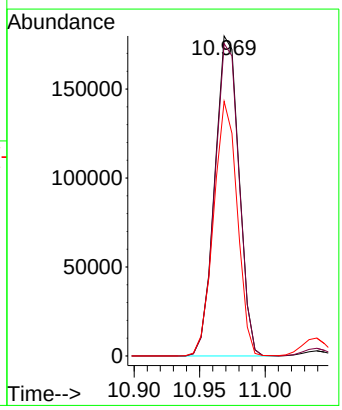
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

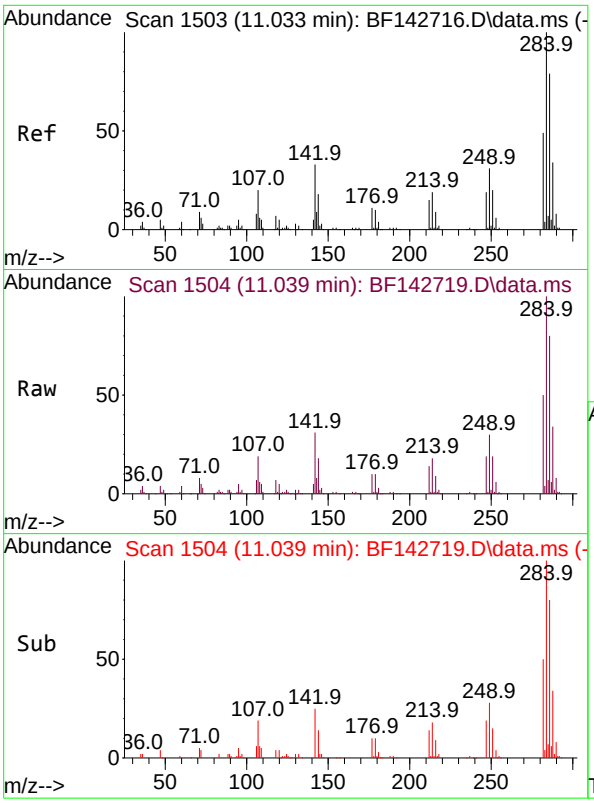


#67
4-Bromophenyl-phenylether
Concen: 82.064 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

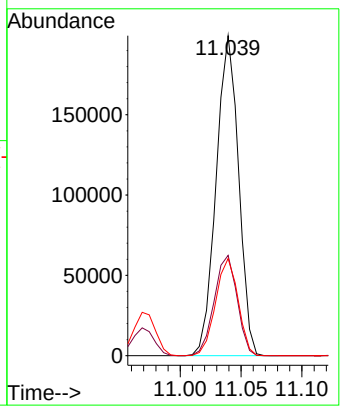




#68
Hexachlorobenzene
Concen: 79.389 ng
RT: 11.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:284 Resp: 25539

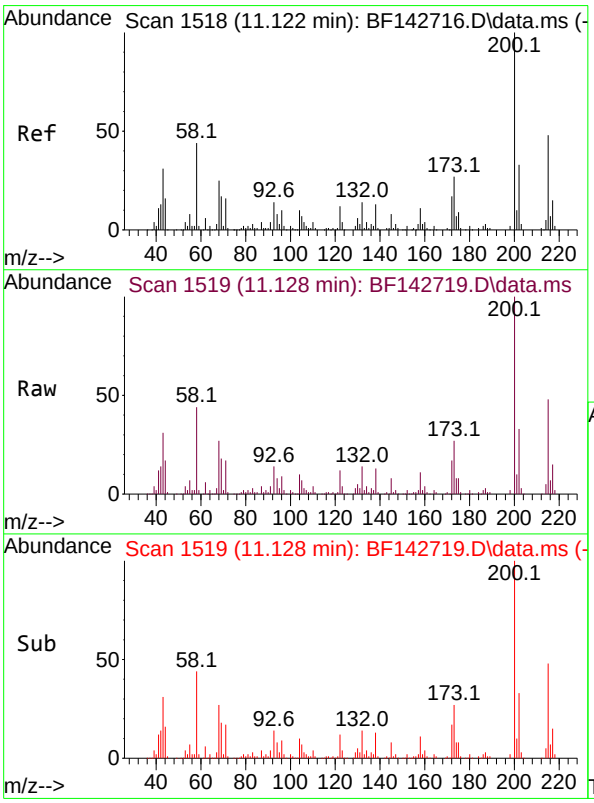
Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.0	39.0
249	30.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

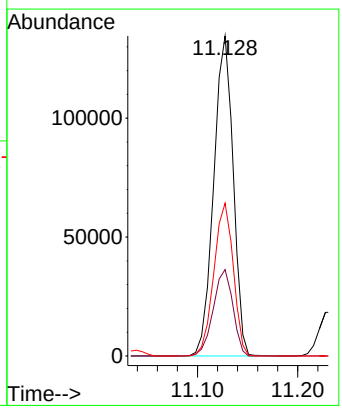
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

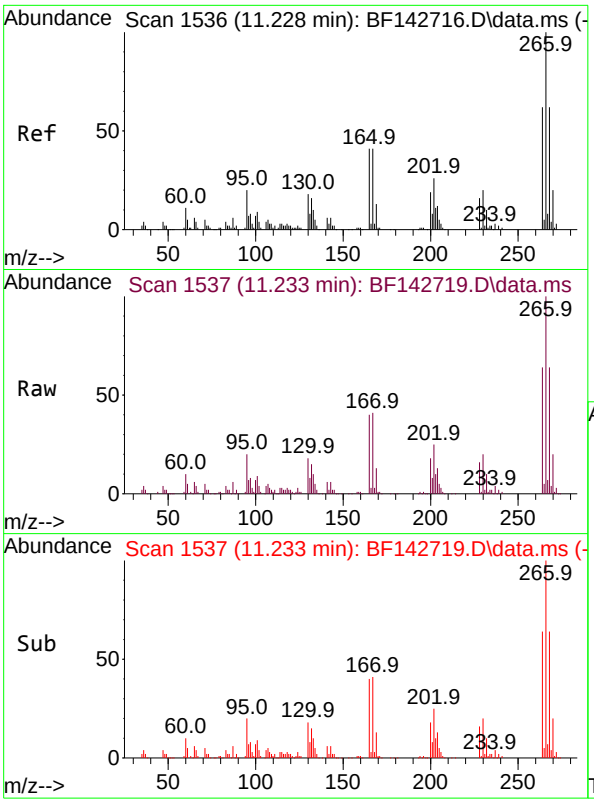


#69
Atrazine
Concen: 74.132 ng
RT: 11.128 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

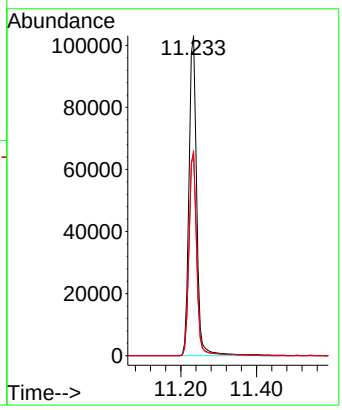




#70
Pentachlorophenol
Concen: 83.538 ng
RT: 11.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:266 Resp: 14509

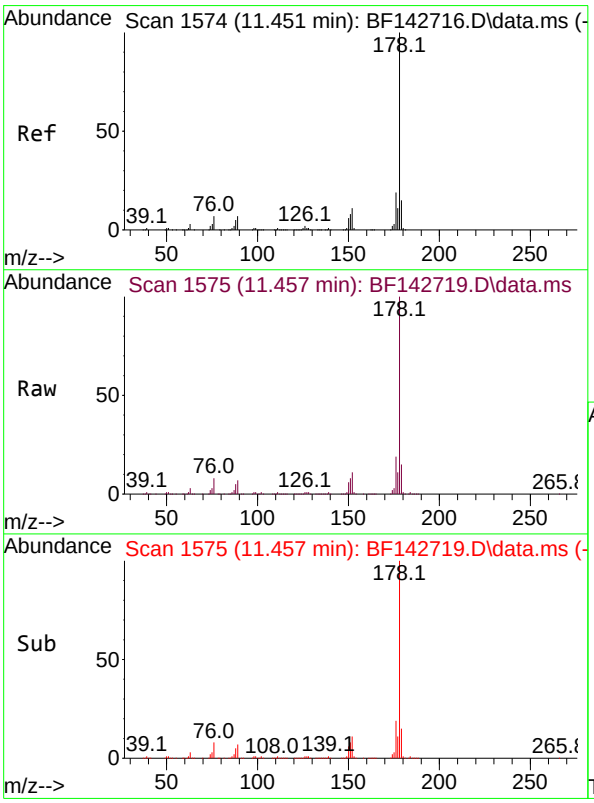
Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.6	74.4
264	63.5	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

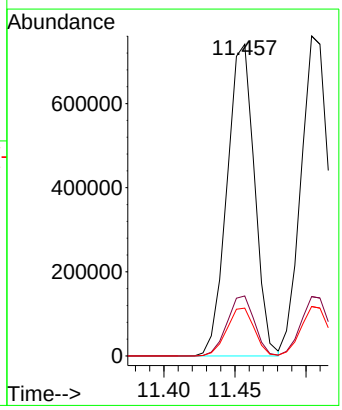
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

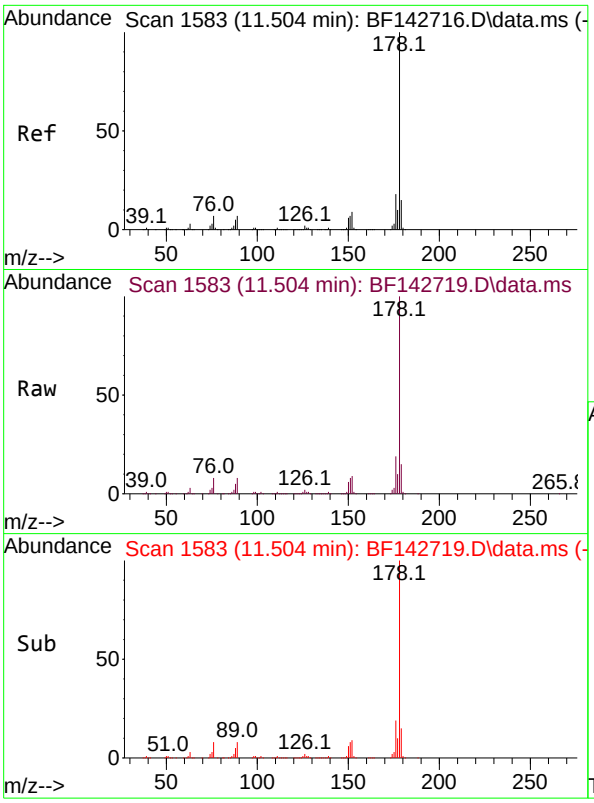


#71
Phenanthrene
Concen: 73.171 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

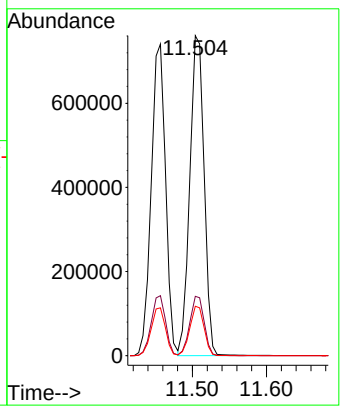




#72
Anthracene
Concen: 72.476 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:178 Resp: 102231

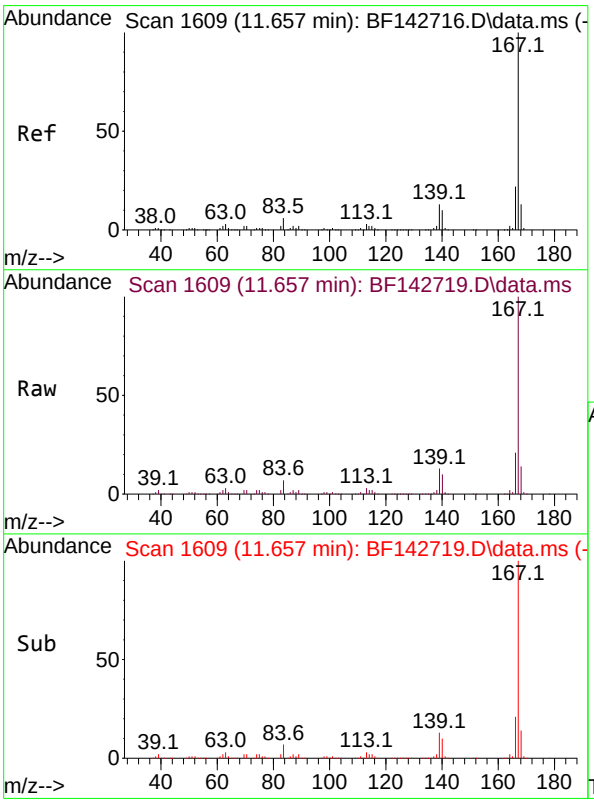
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

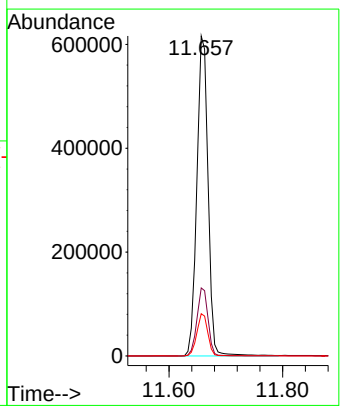
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

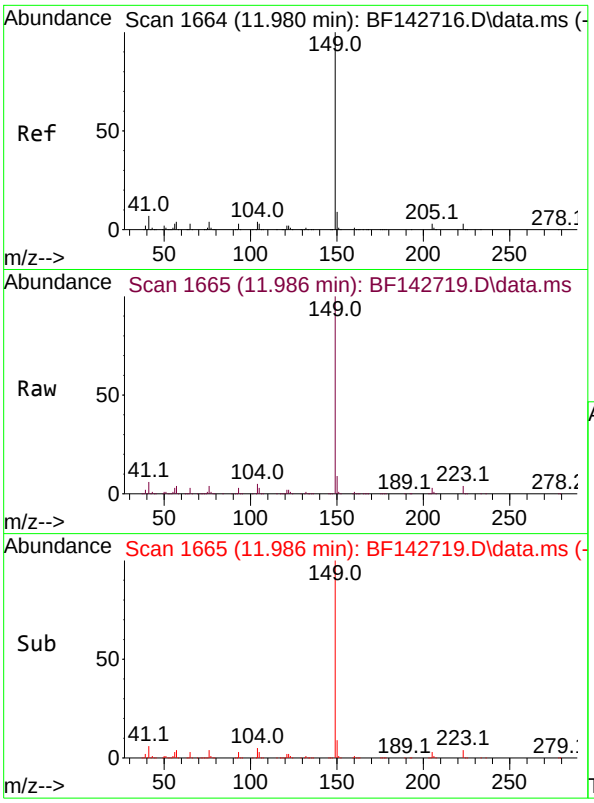


#73
Carbazole
Concen: 67.657 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

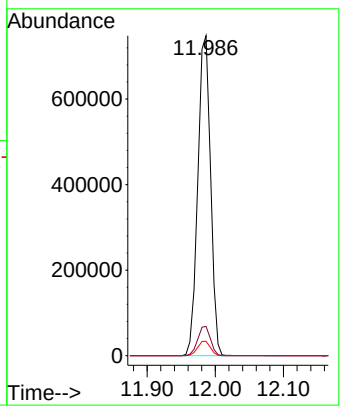




#74
Di-n-butylphthalate
Concen: 73.246 ng
RT: 11.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 97127

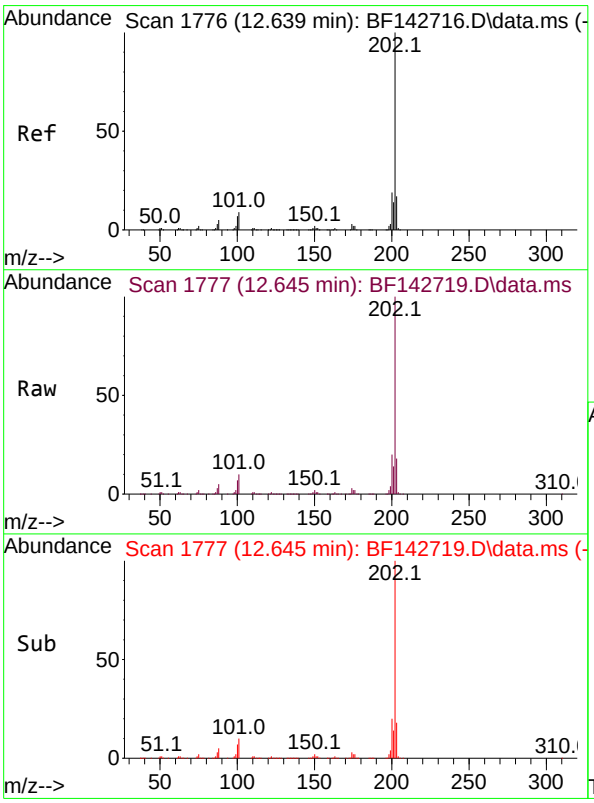
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.5	3.4	5.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

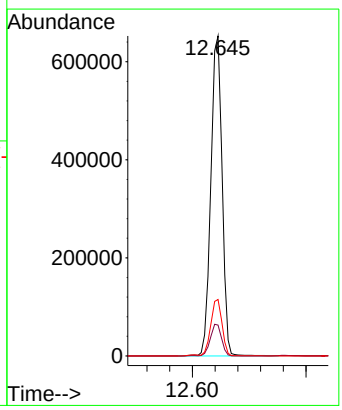
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

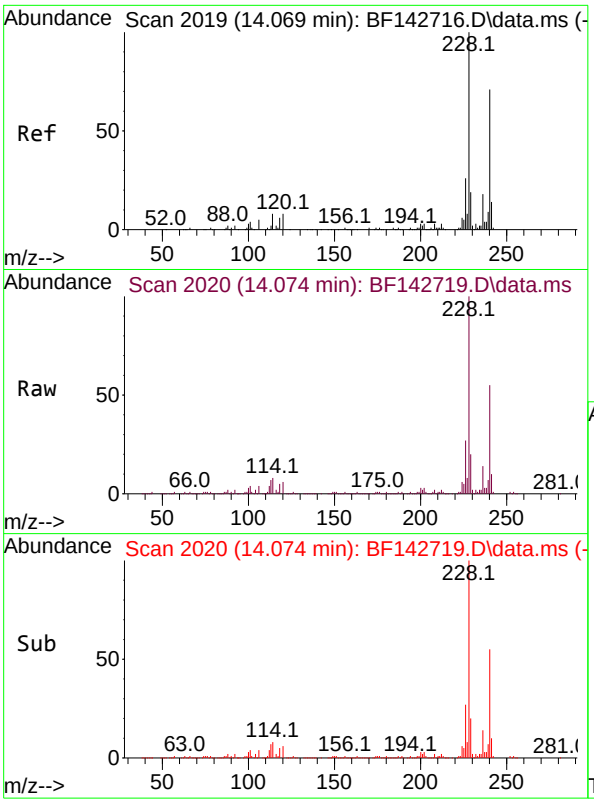


#75
Fluoranthene
Concen: 67.491 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

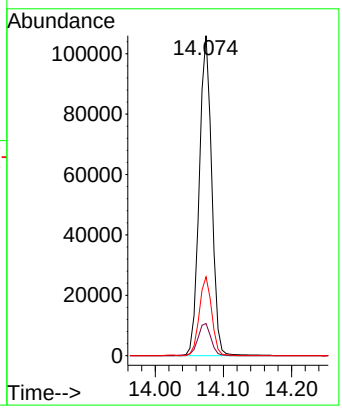




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:240 Resp: 13445

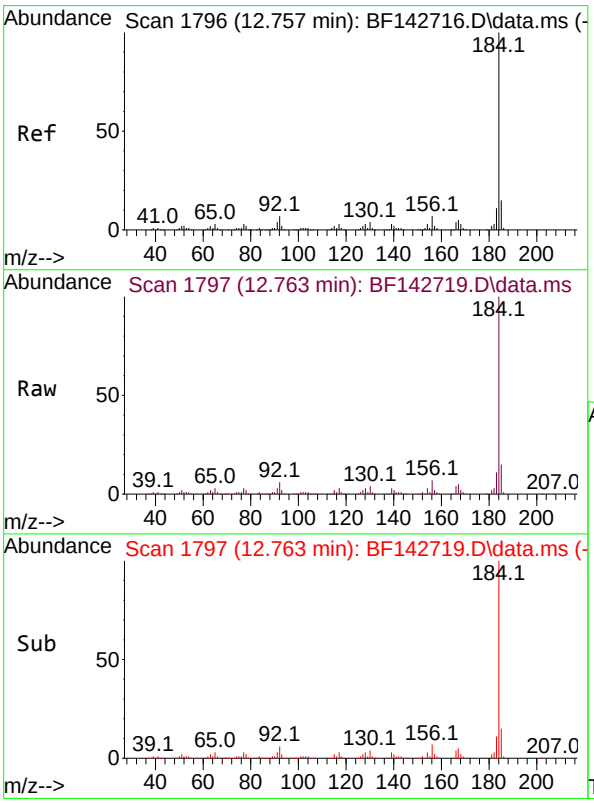
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	24.7	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

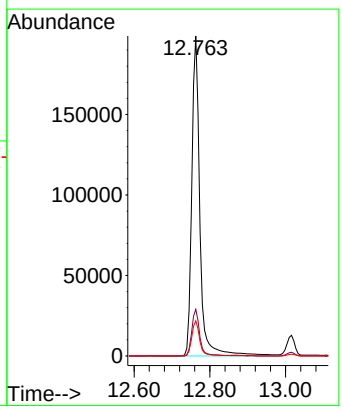
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

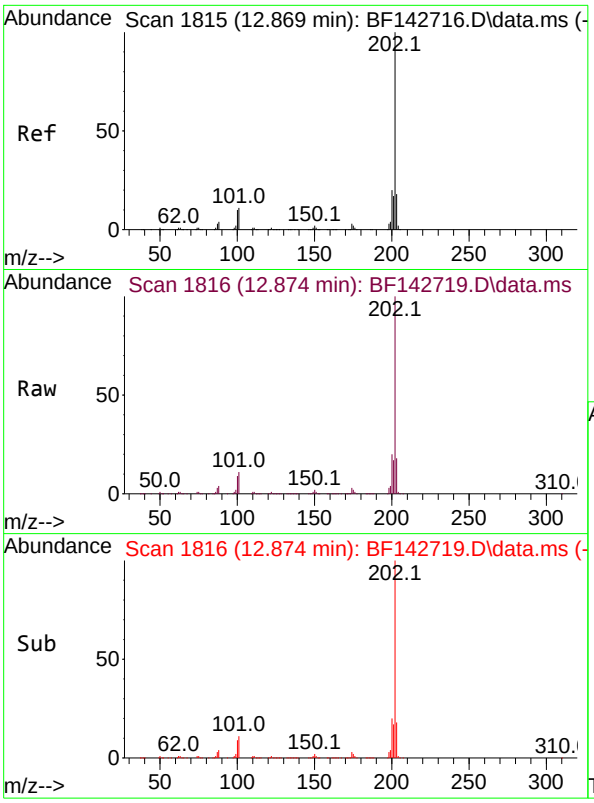


#77
Benzidine
Concen: 63.003 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

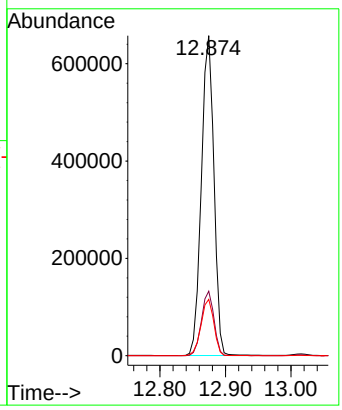




#78
Pyrene
Concen: 77.450 ng
RT: 12.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:202 Resp: 87955

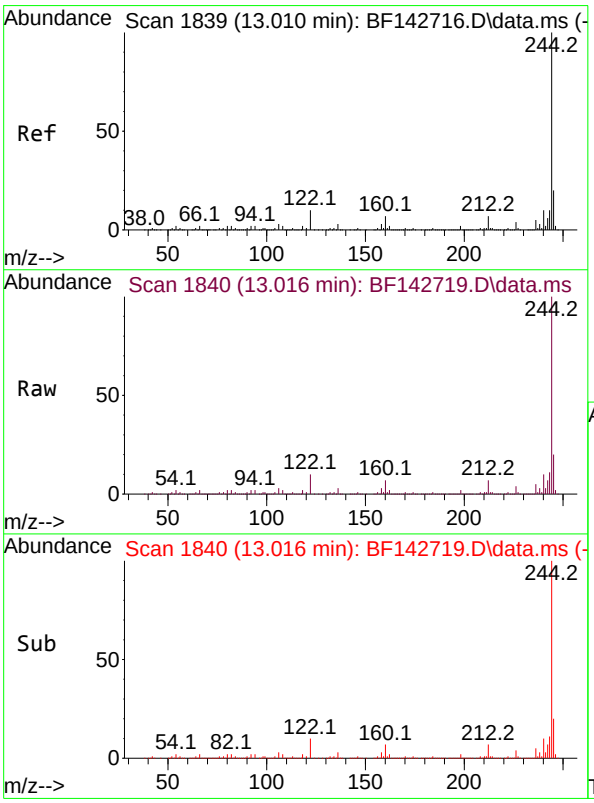
Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.8
203	17.6	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

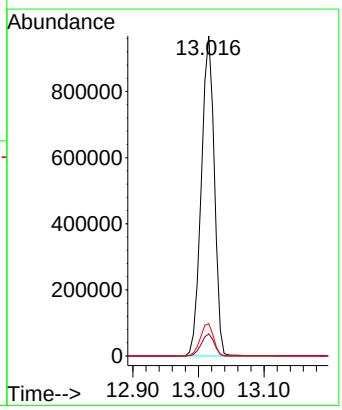
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

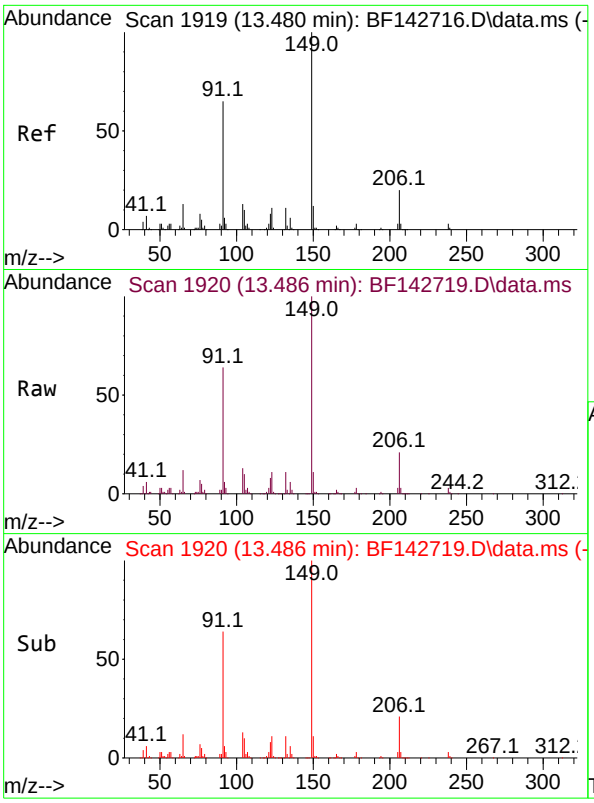


#79
Terphenyl-d14
Concen: 151.555 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

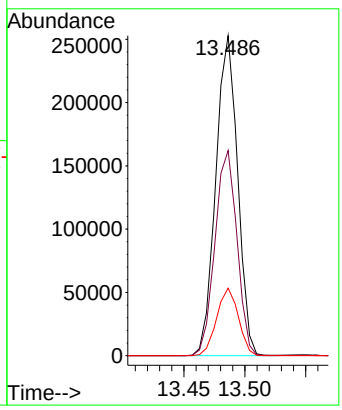




#80
Butylbenzylphthalate
Concen: 91.133 ng
RT: 13.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:149 Resp: 31608

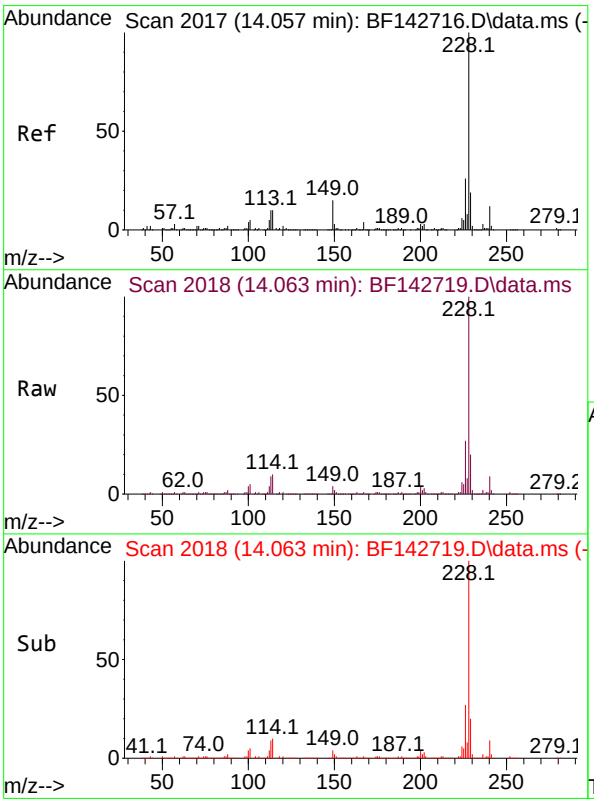
Ion	Ratio	Lower	Upper
149	100		
91	64.1	52.3	78.5
206	21.1	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

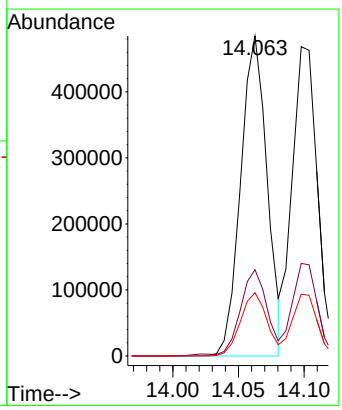
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

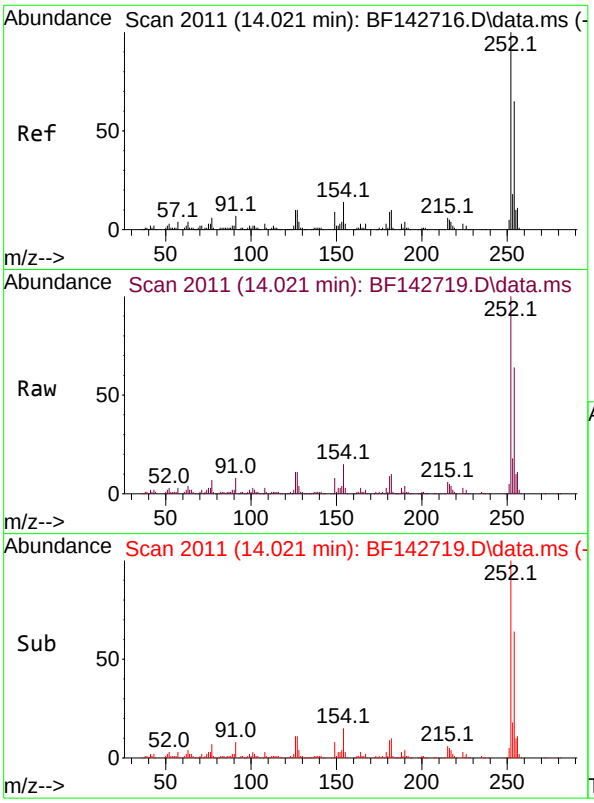


#81
Benzo(a)anthracene
Concen: 77.337 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

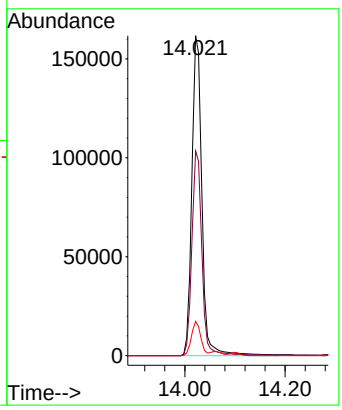




#82
3,3'-Dichlorobenzidine
Concen: 80.119 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 22493

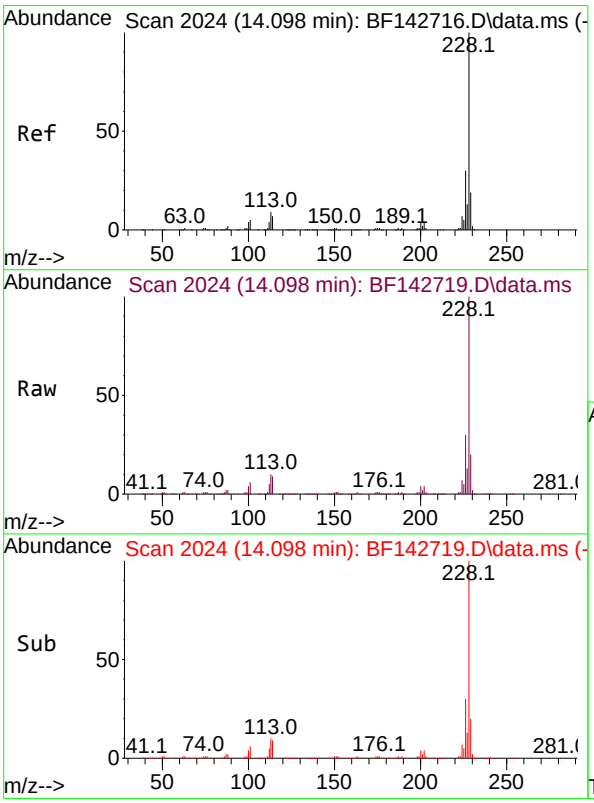
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	10.7	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

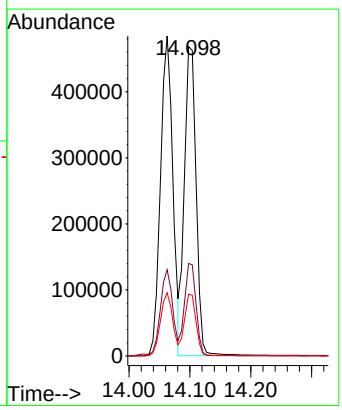
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

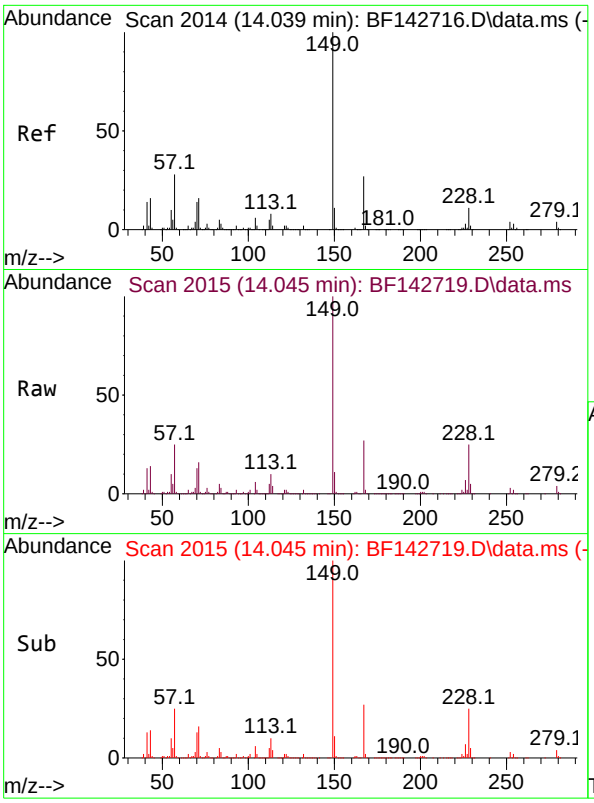


#83
Chrysene
Concen: 76.388 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

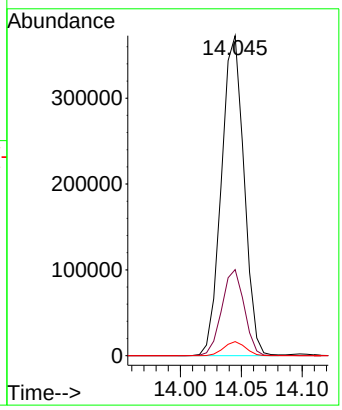
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

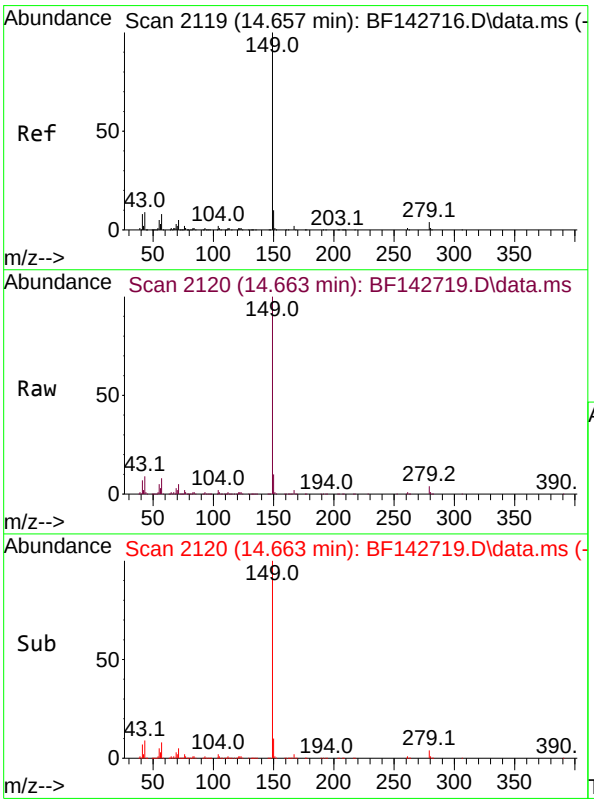
Tgt Ion:149 Resp: 48179

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.2
279	4.4	3.0	4.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

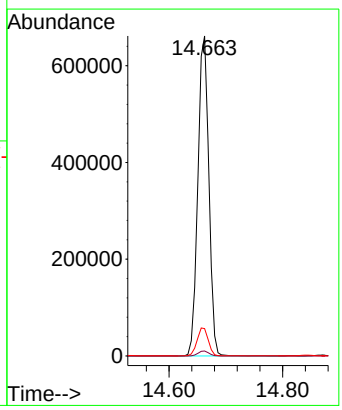


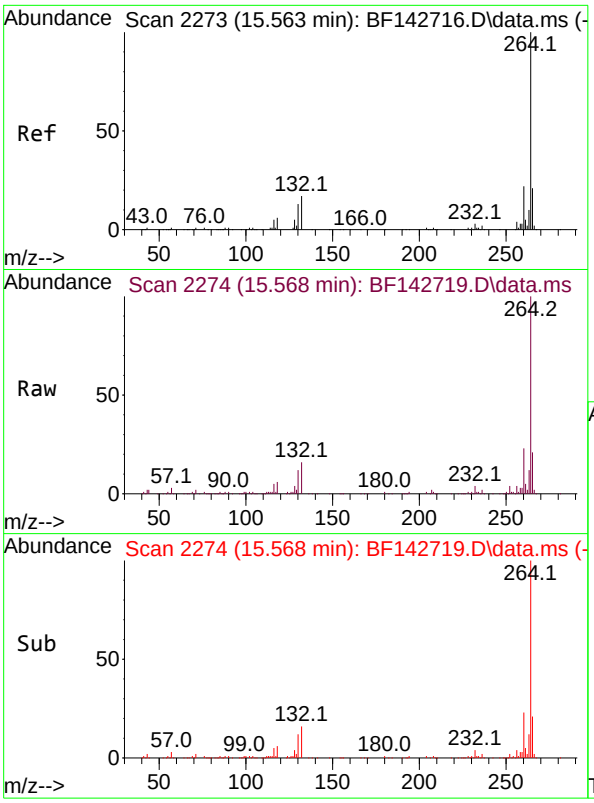


#85
Di-n-octyl phthalate
Concen: 109.198 ng
RT: 14.663 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

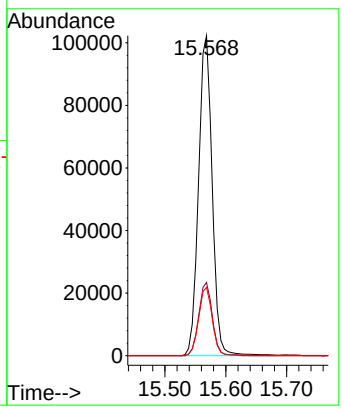




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:264 Resp: 15940

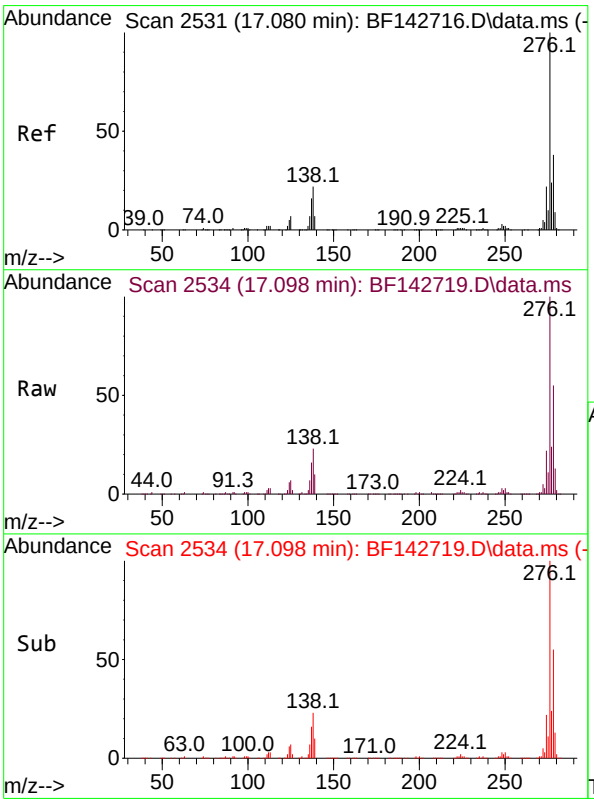
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	21.4	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

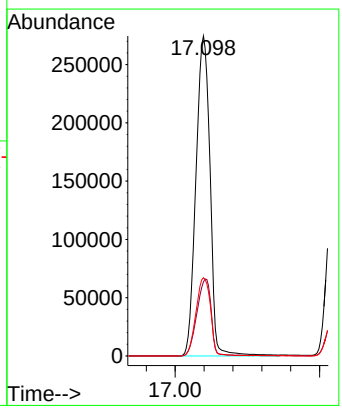
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

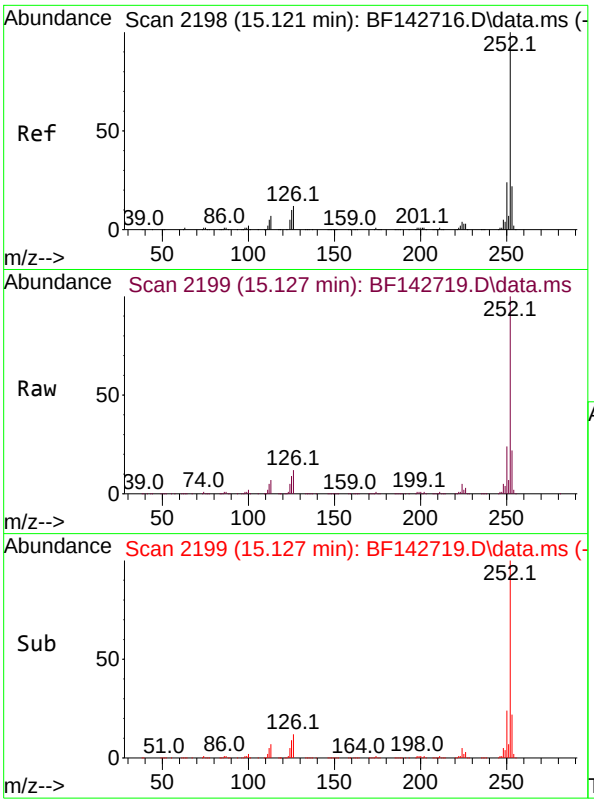


#87
Indeno(1,2,3-cd)pyrene
Concen: 81.866 ng
RT: 17.098 min Scan# 2534
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

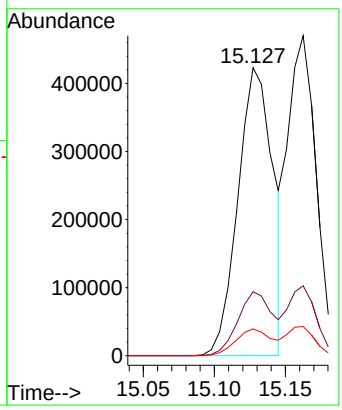




#88
Benzo(b)fluoranthene
Concen: 76.012 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 72616

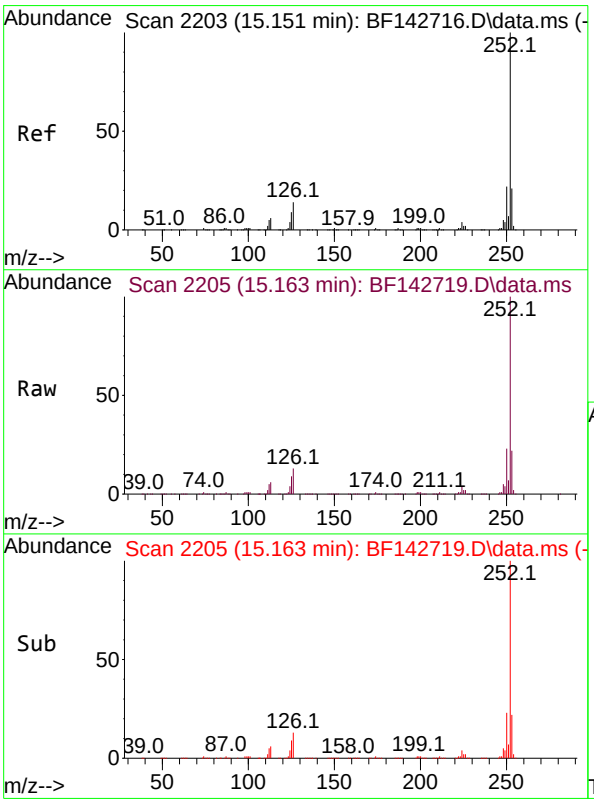
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.3	7.8	11.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

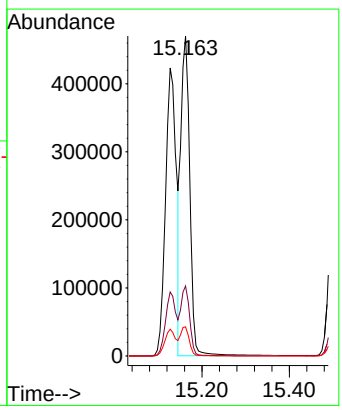
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

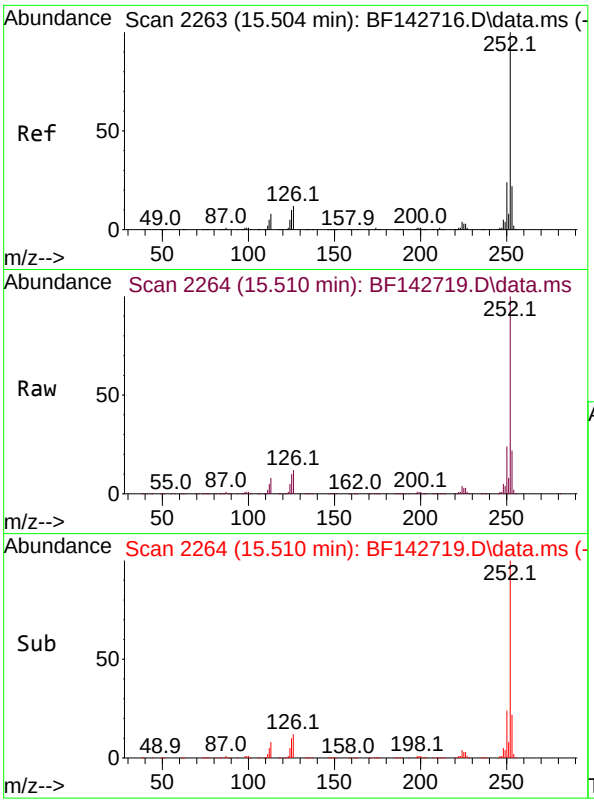


#89
Benzo(k)fluoranthene
Concen: 74.947 ng
RT: 15.163 min Scan# 2205
Delta R.T. 0.012 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

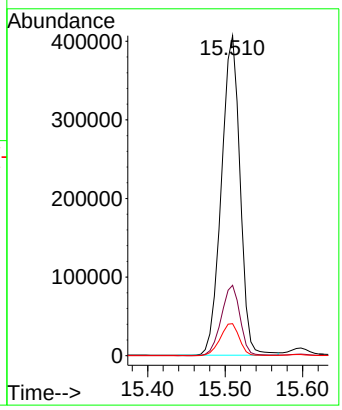




#90
Benzo(a)pyrene
Concen: 76.299 ng
RT: 15.510 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

Tgt Ion:252 Resp: 68094

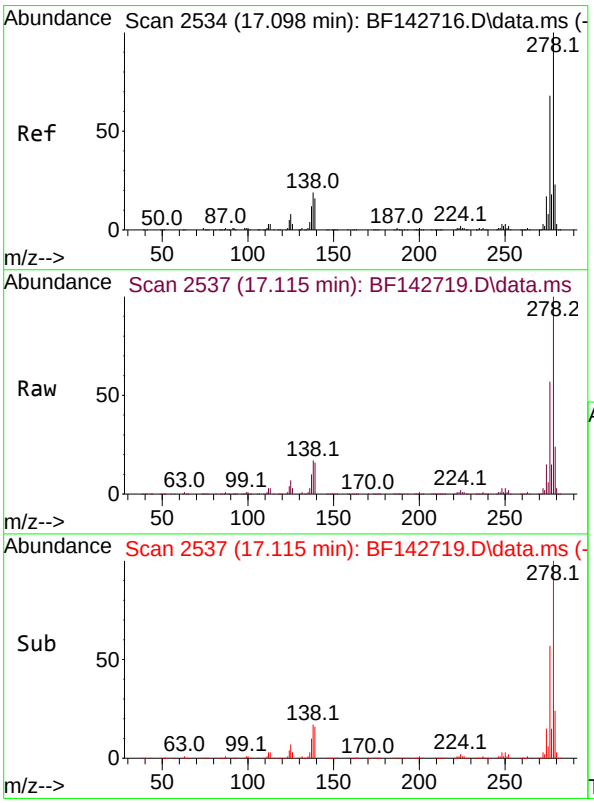
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

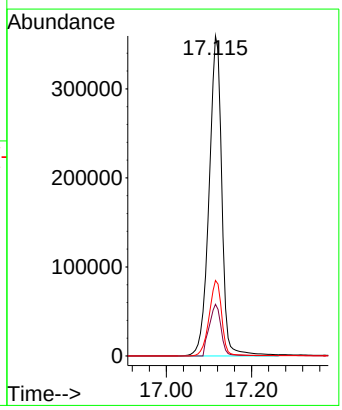
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

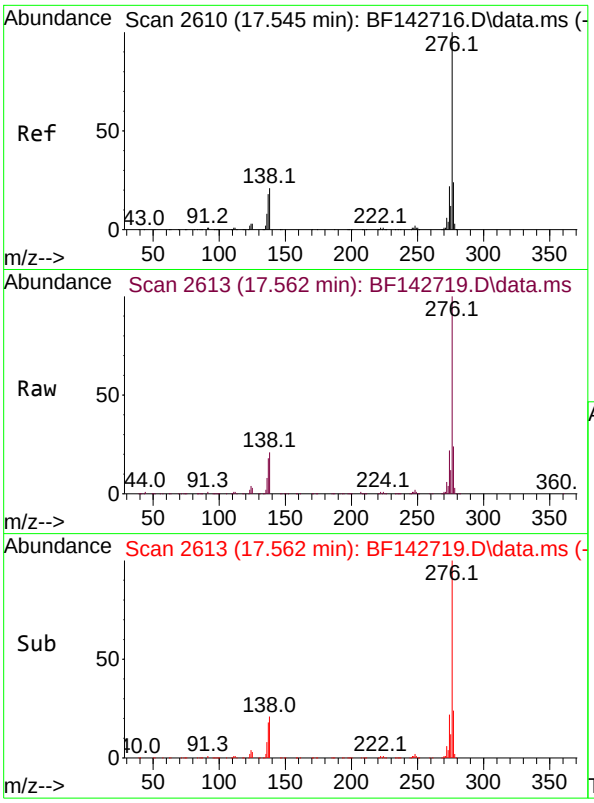


#91
Dibenzo(a,h)anthracene
Concen: 81.196 ng
RT: 17.115 min Scan# 2537
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

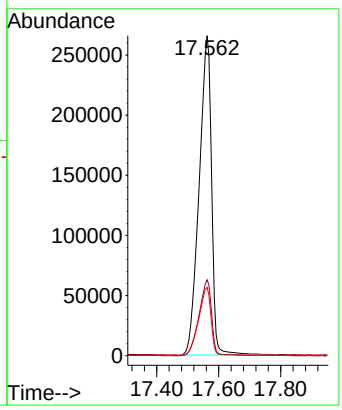




#92
Benzo(g,h,i)perylene
Concen: 78.194 ng
RT: 17.562 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF142719.D
Acq: 10 Jun 2025 20:19

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

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

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

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

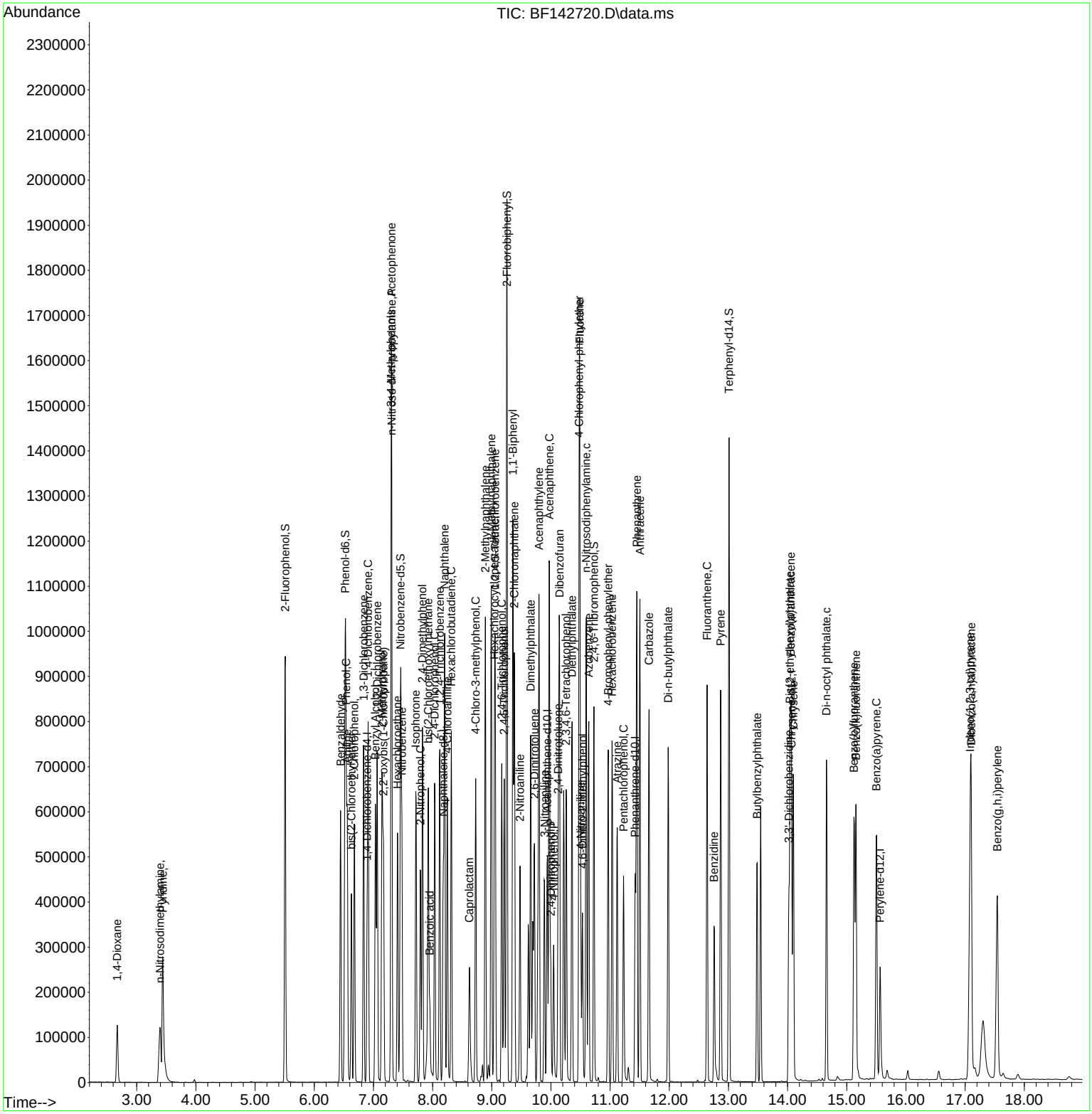
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145700	45.379	ng	98
46) 1,1'-Biphenyl	9.357	154	550079	44.647	ng	99
47) 2-Chloronaphthalene	9.381	162	399752	44.040	ng	100
48) 2-Nitroaniline	9.475	65	113944	44.136	ng	99
49) Acenaphthylene	9.798	152	666129	43.524	ng	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

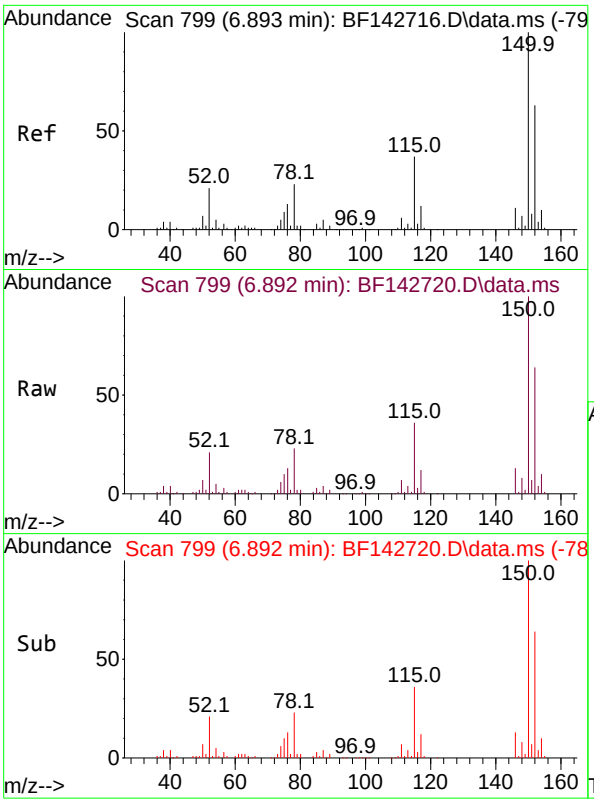
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
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



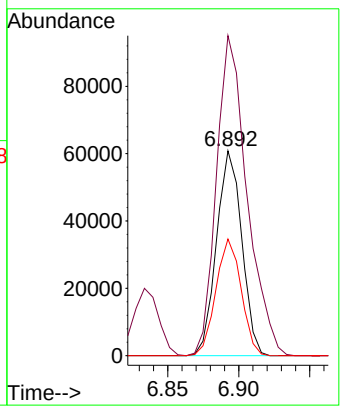


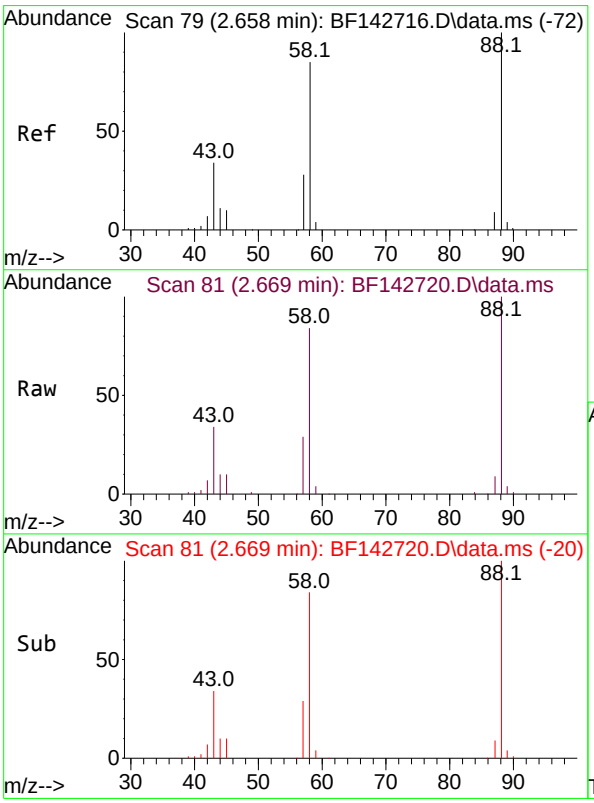
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

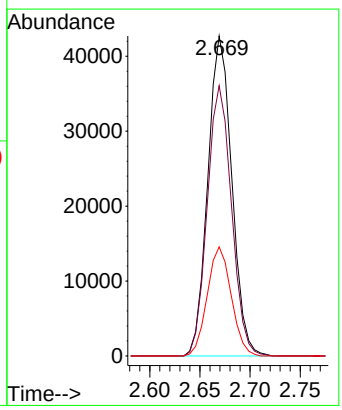


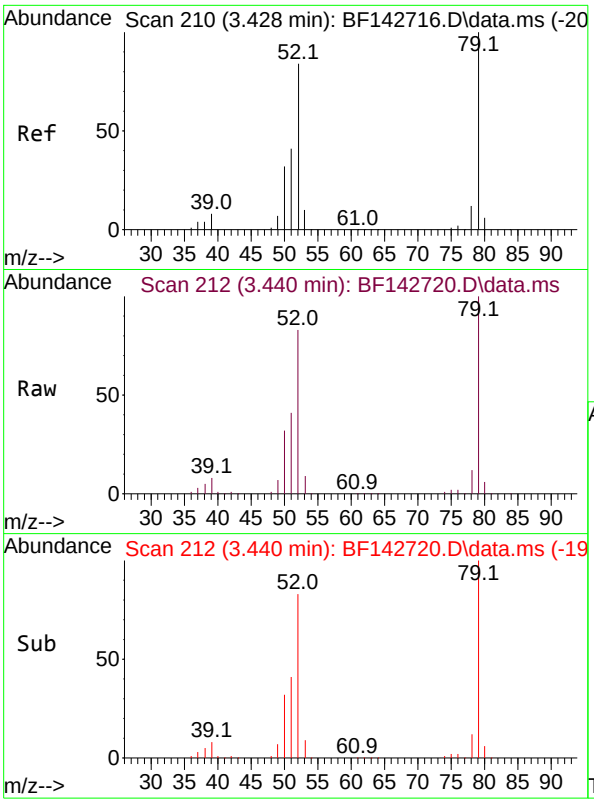


#2
1,4-Dioxane
Concen: 40.706 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



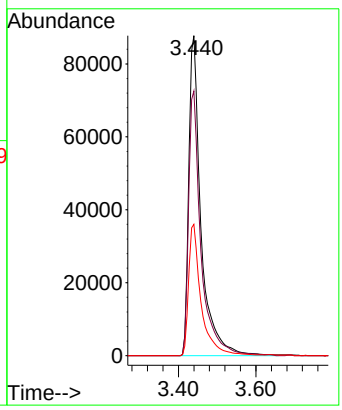


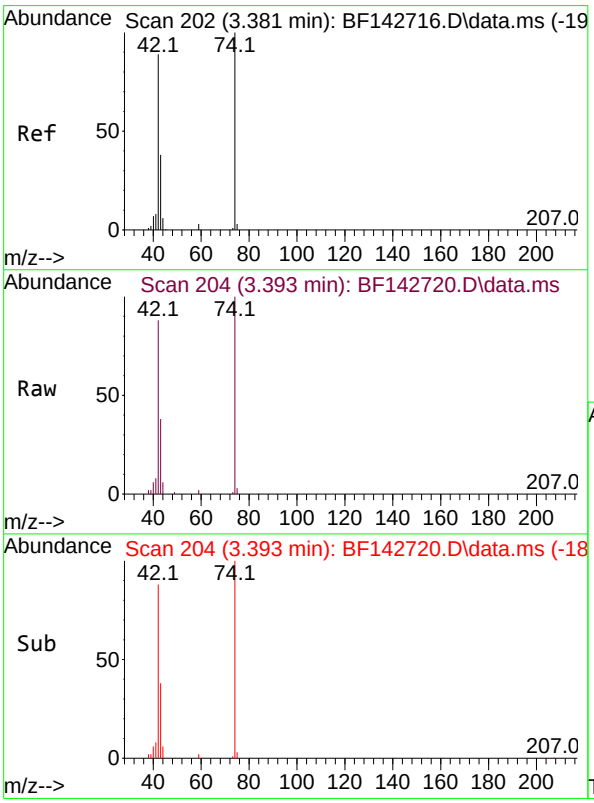
#3
Pyridine
Concen: 43.958 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

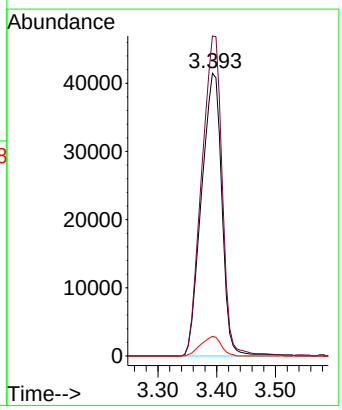


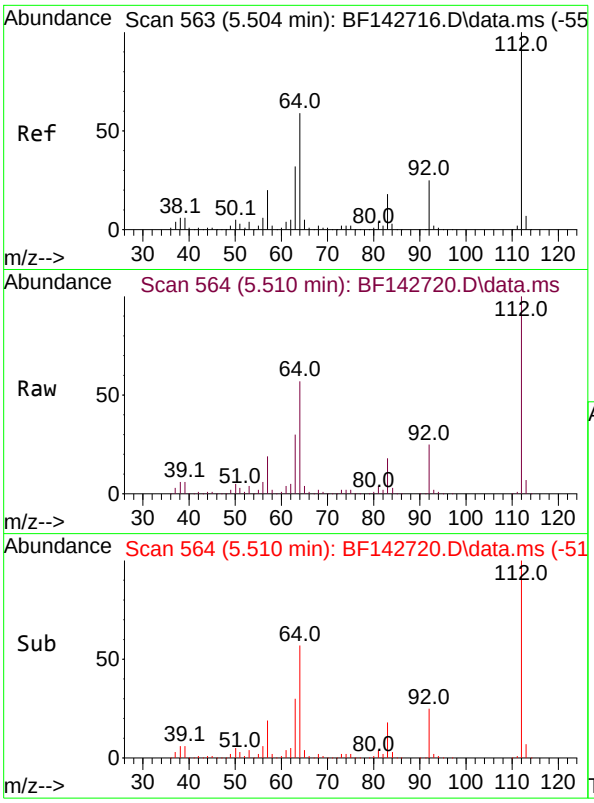


#4
n-Nitrosodimethylamine
Concen: 44.403 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



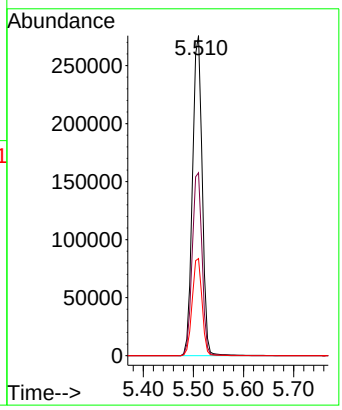


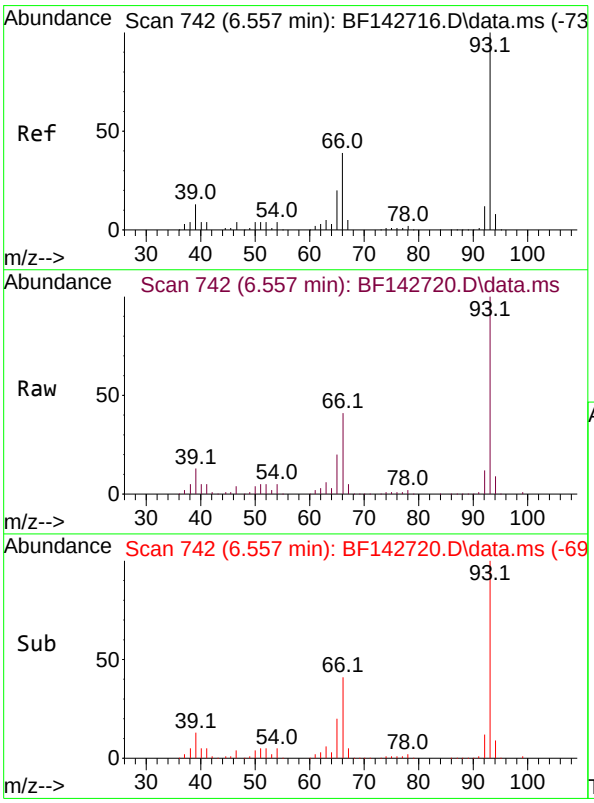
#5
2-Fluorophenol
Concen: 84.041 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

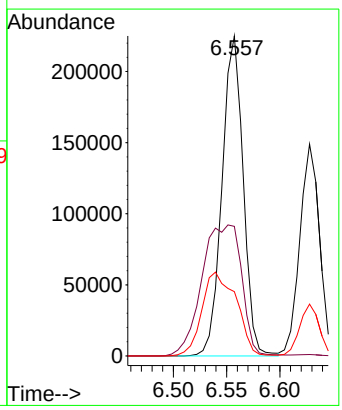


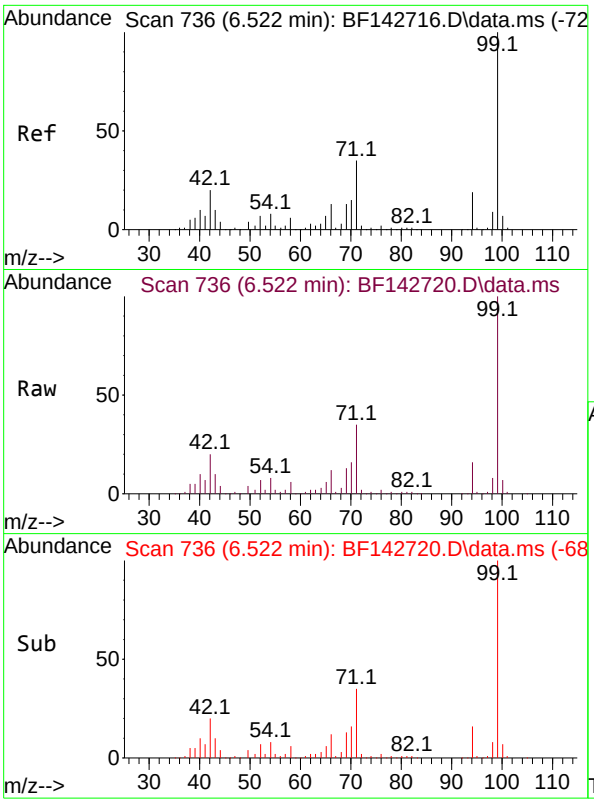


#6
Aniline
Concen: 44.644 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



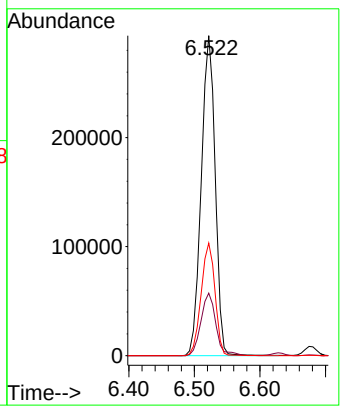


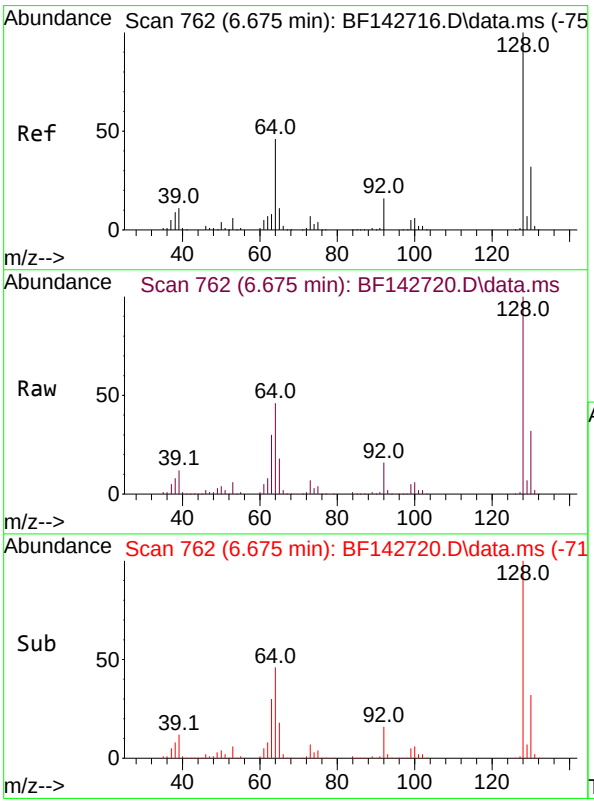
#7
Phenol-d6
Concen: 83.751 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

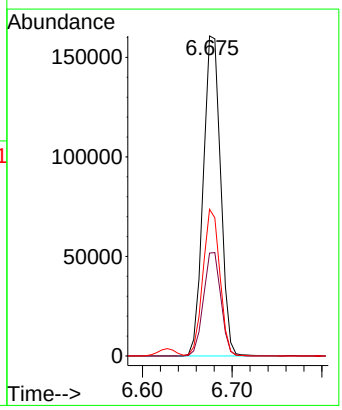


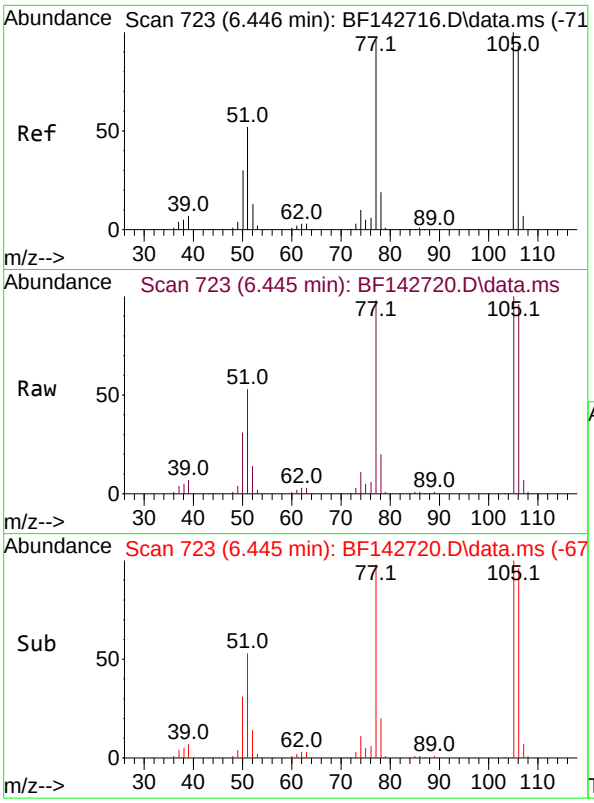


#8
2-Chlorophenol
Concen: 44.721 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



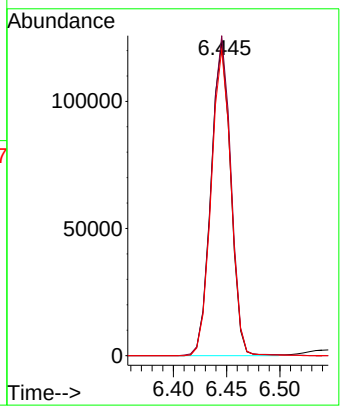


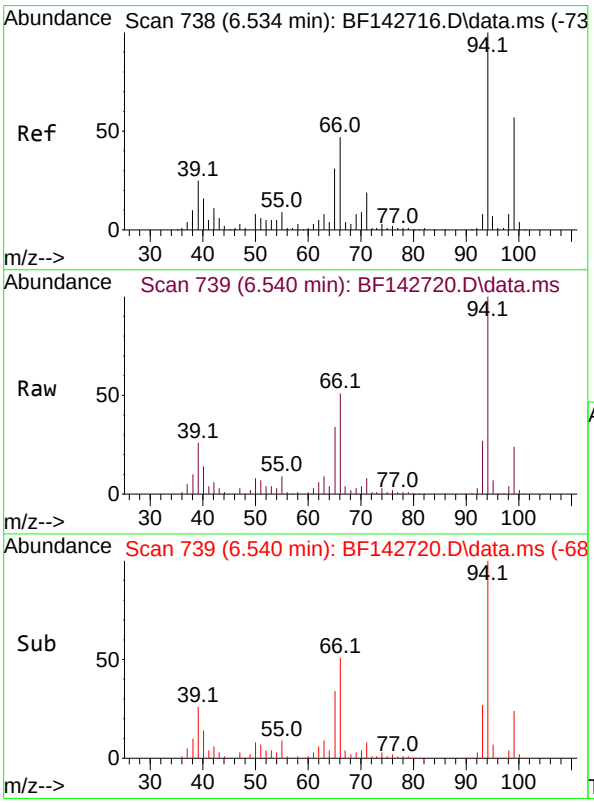
#9
Benzaldehyde
Concen: 49.036 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

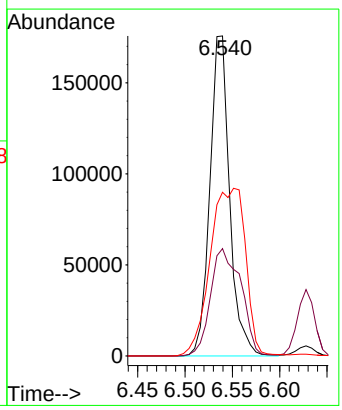


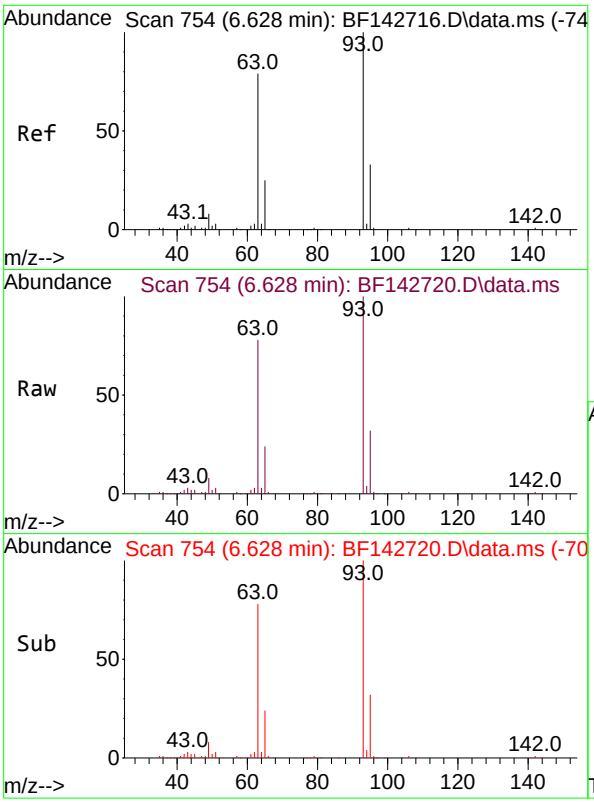


#10
Phenol
Concen: 44.263 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



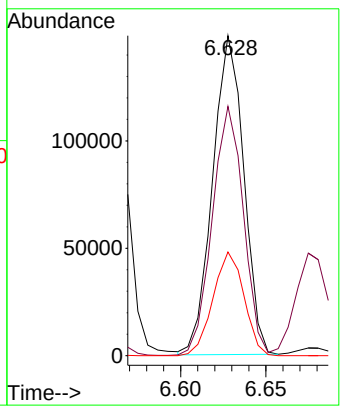


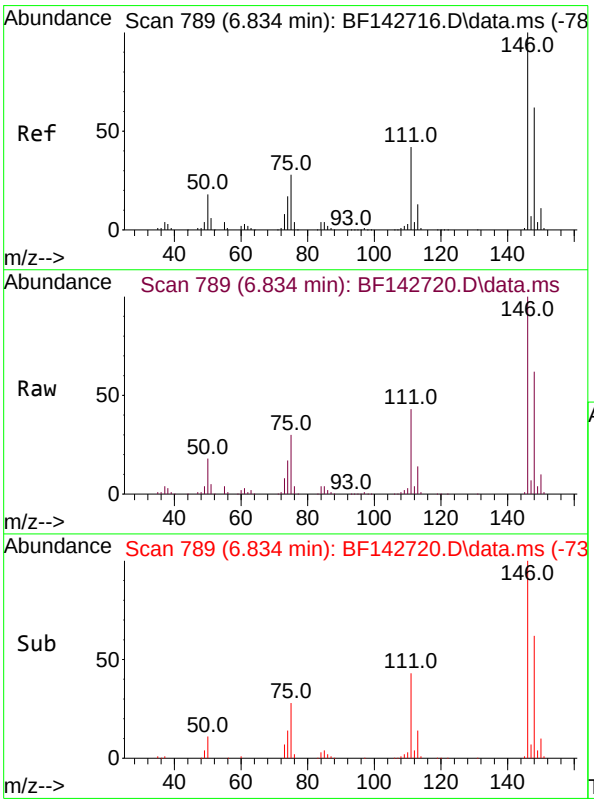
#11
bis(2-Chloroethyl)ether
Concen: 43.725 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

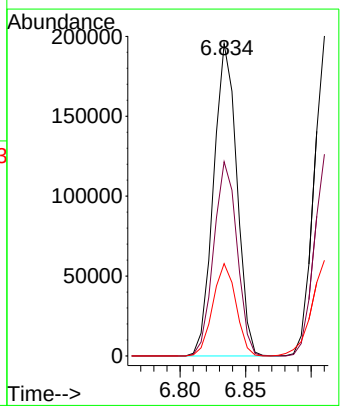


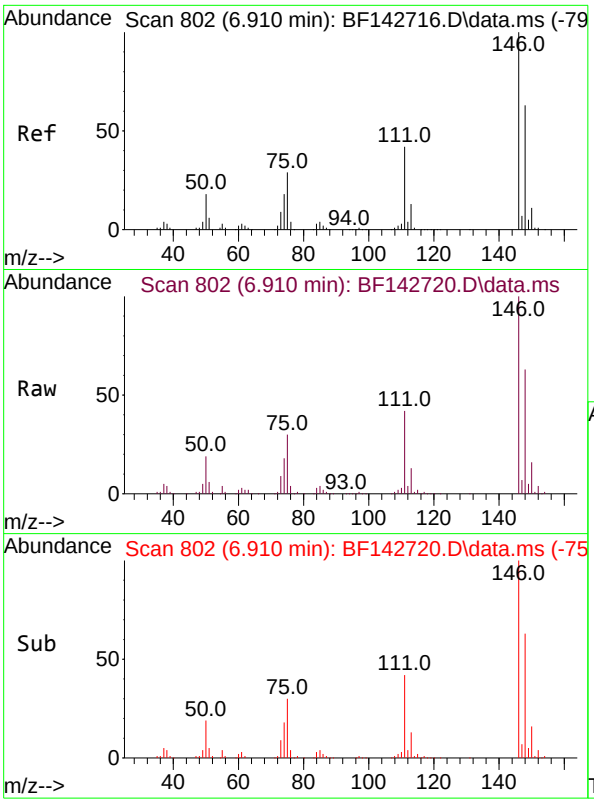


#12
1,3-Dichlorobenzene
Concen: 43.756 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



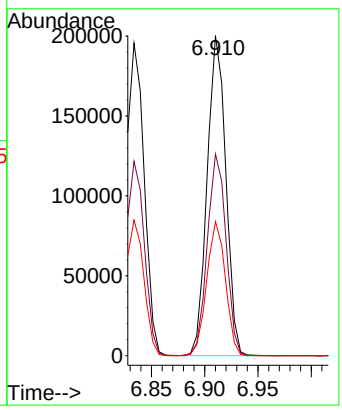


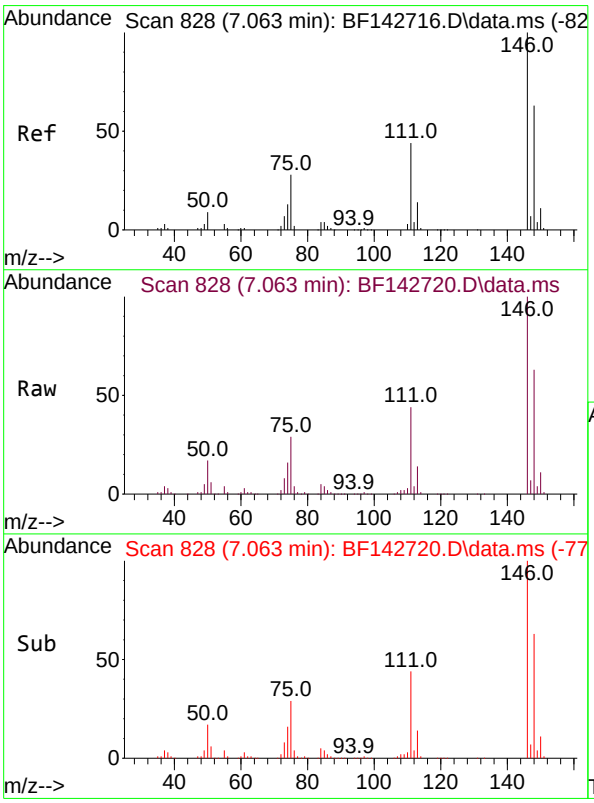
#13
1,4-Dichlorobenzene
Concen: 43.933 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

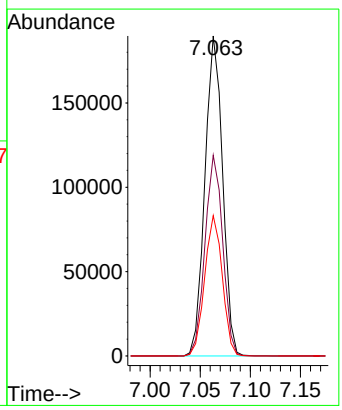


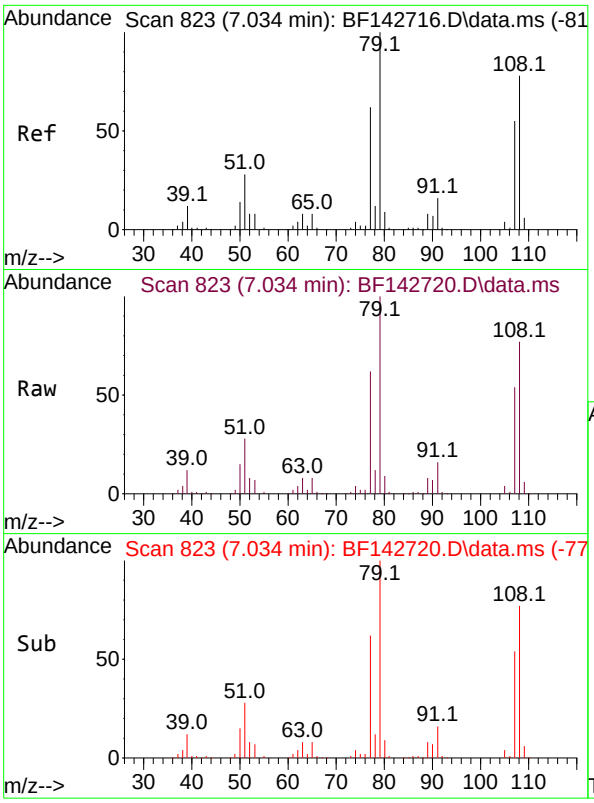


#14
1,2-Dichlorobenzene
Concen: 43.831 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



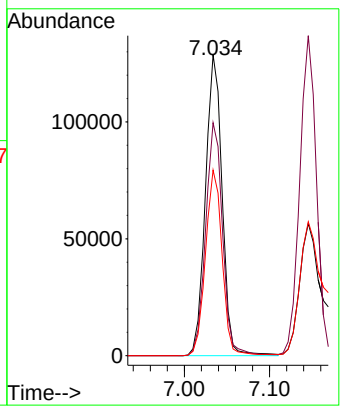


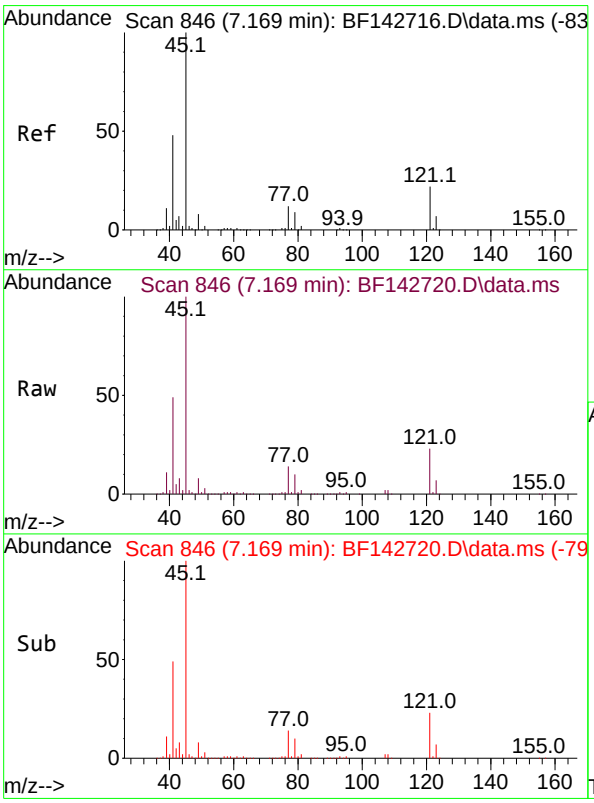
#15
Benzyl Alcohol
Concen: 44.548 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

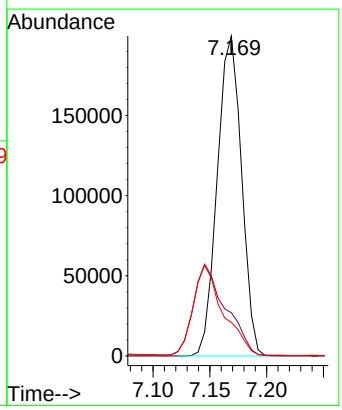


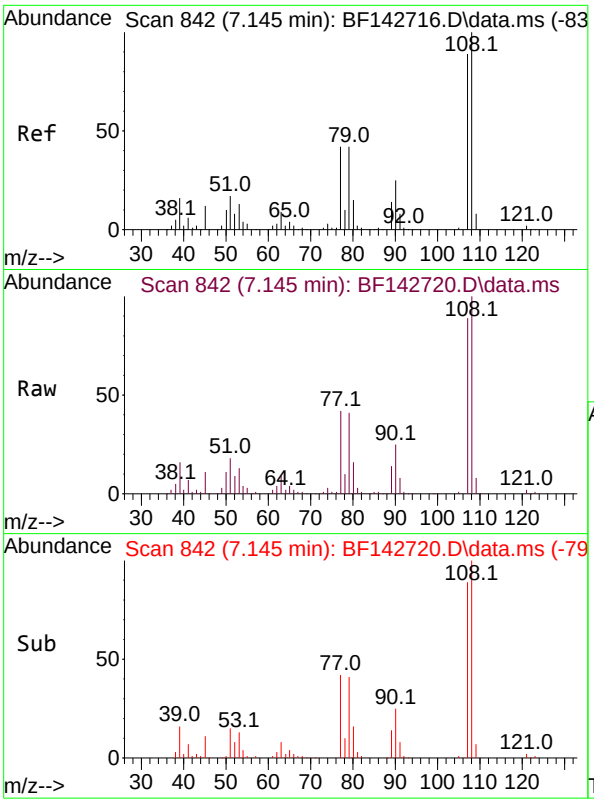


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.622 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



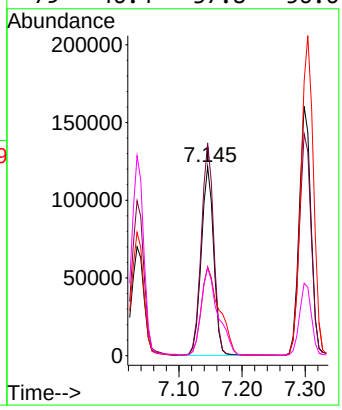


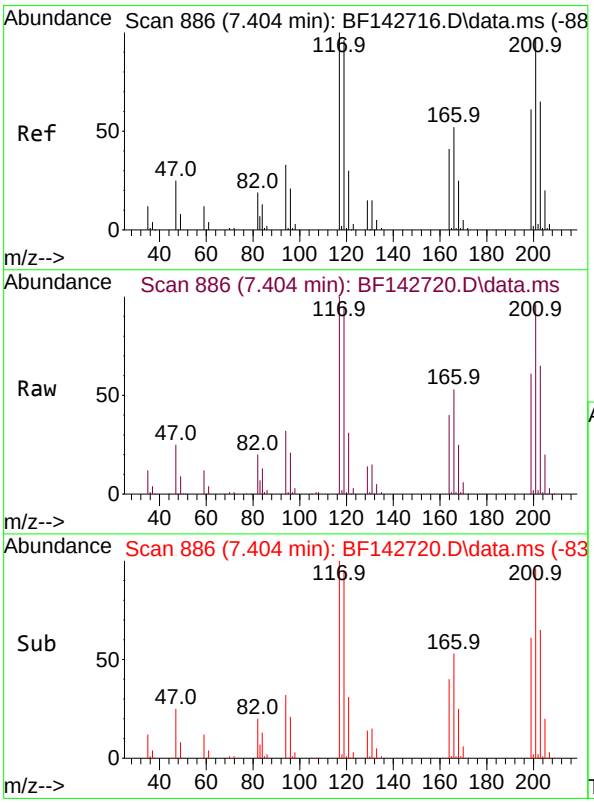
#17
2-Methylphenol
Concen: 44.868 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

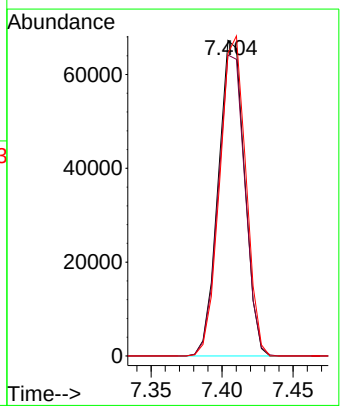


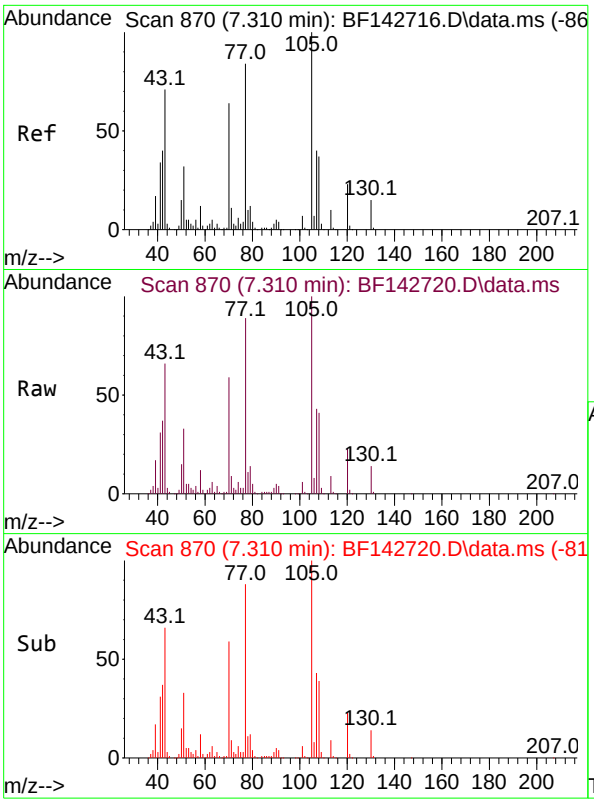


#18
Hexachloroethane
Concen: 43.420 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



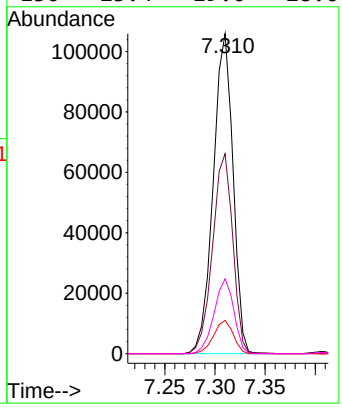


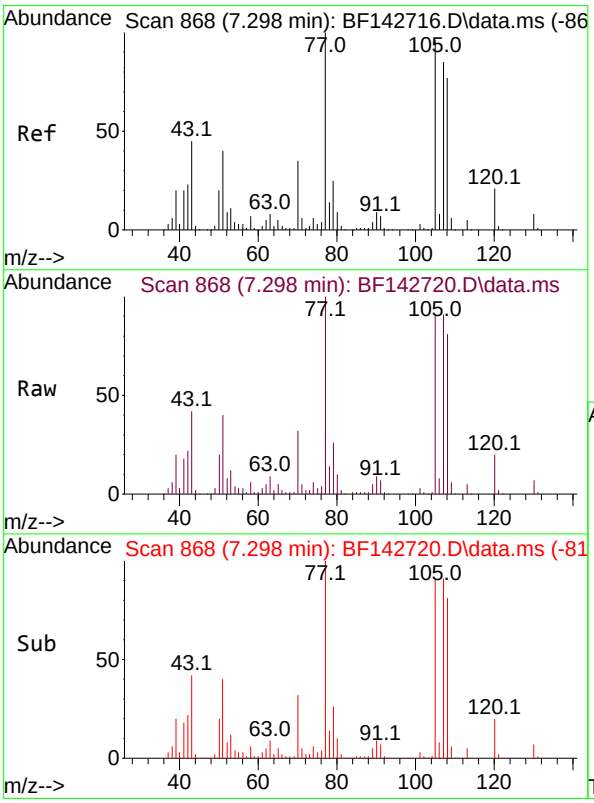
#19
n-Nitroso-di-n-propylamine
Concen: 43.882 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

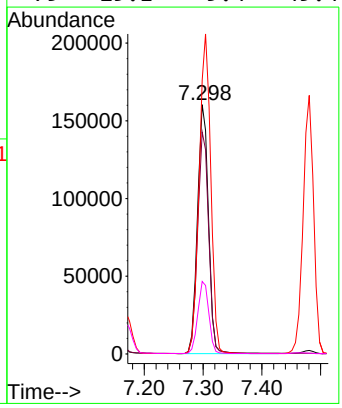


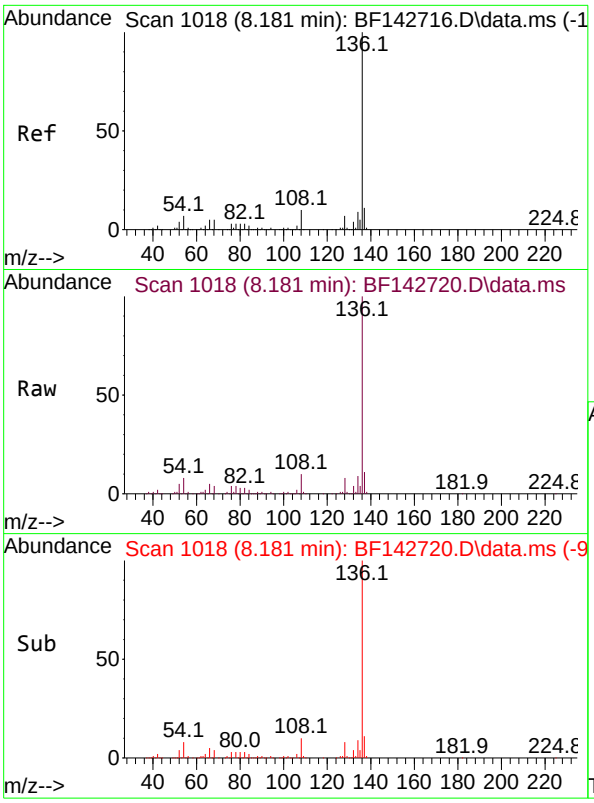


#20
3+4-Methylphenols
Concen: 44.648 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



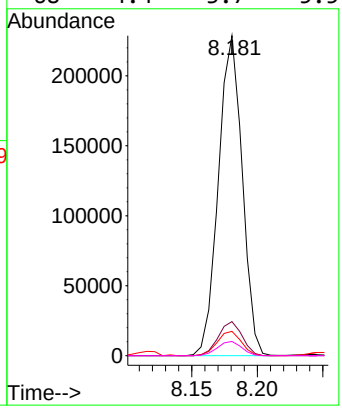


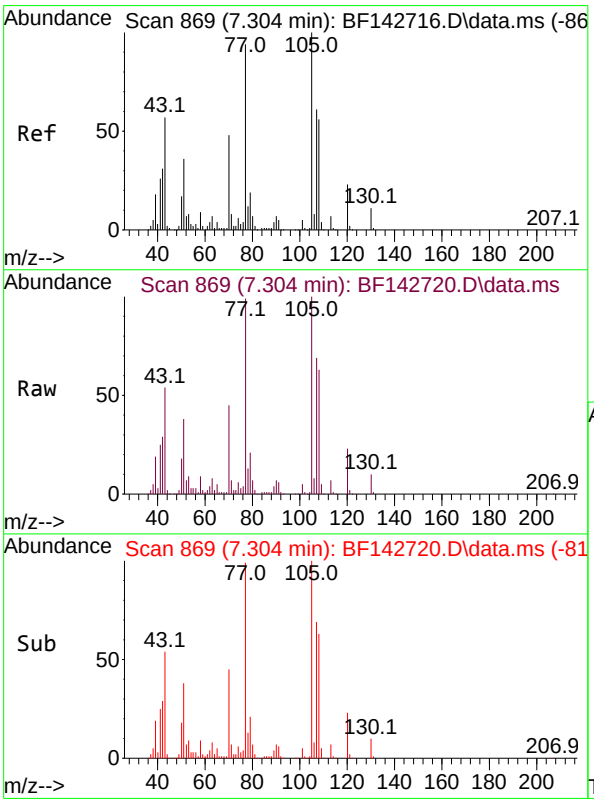
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

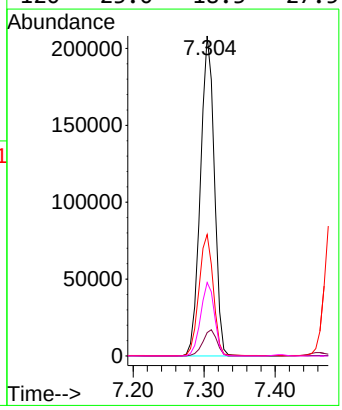


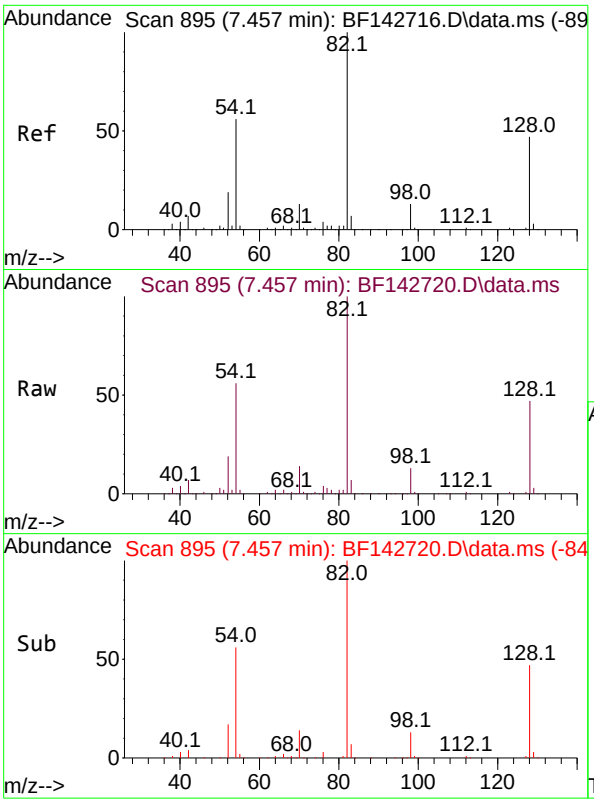


#22
Acetophenone
Concen: 44.413 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



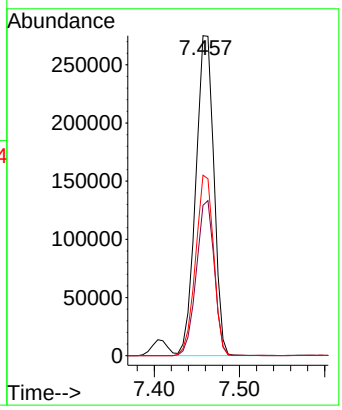


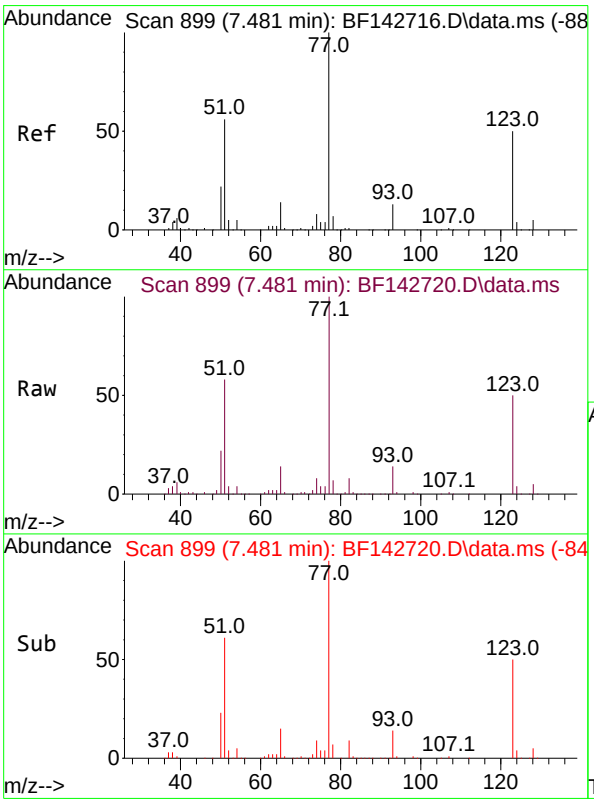
#23
Nitrobenzene-d5
Concen: 76.808 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

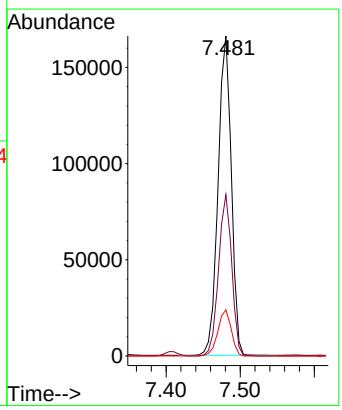


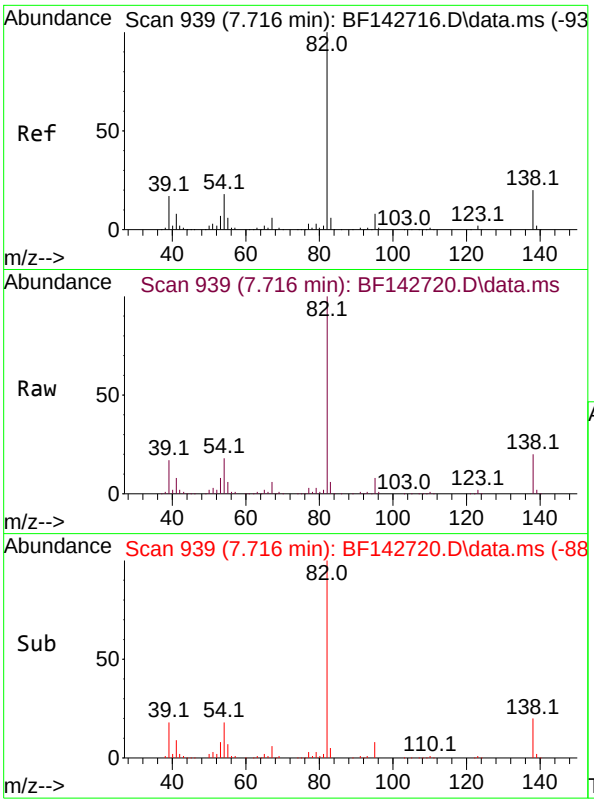


#24
Nitrobenzene
Concen: 43.992 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



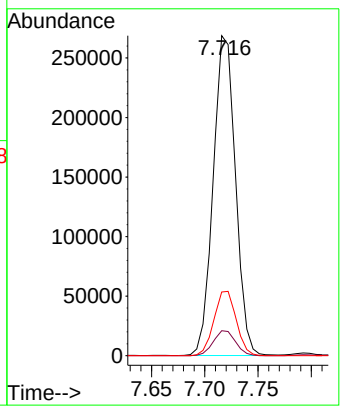


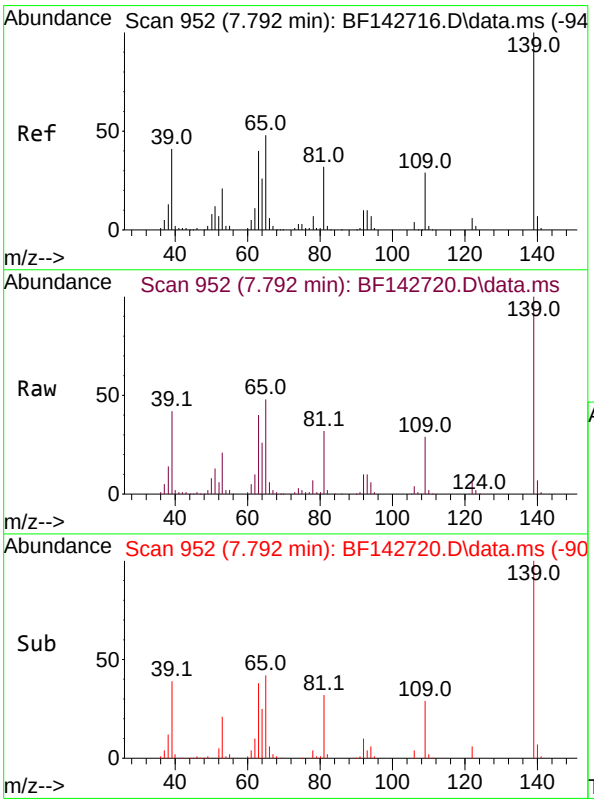
#25
Isophorone
Concen: 43.695 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

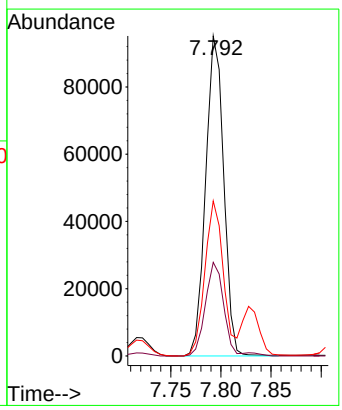


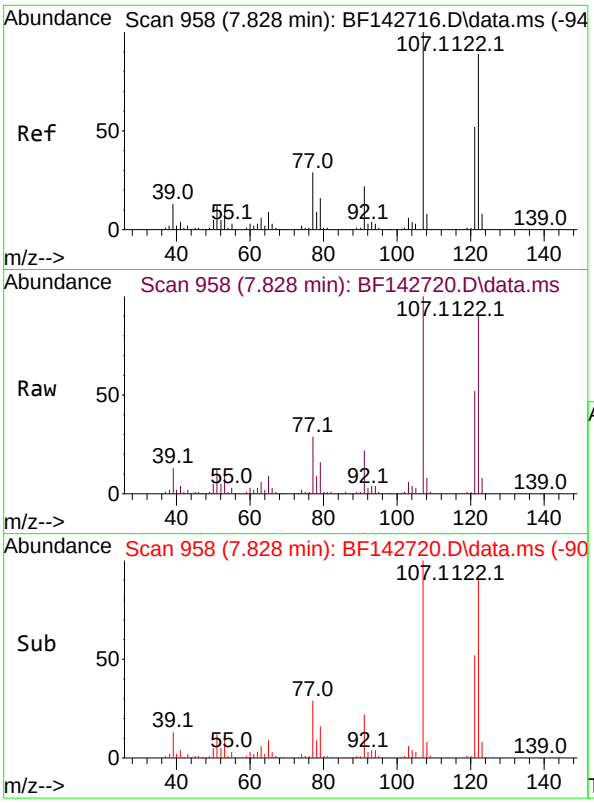


#26
2-Nitrophenol
Concen: 45.726 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



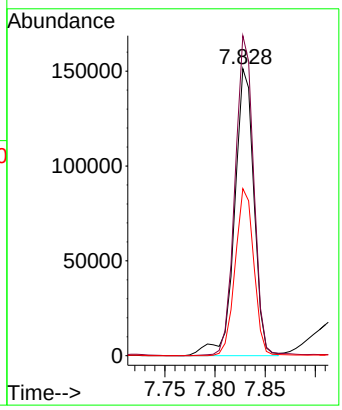


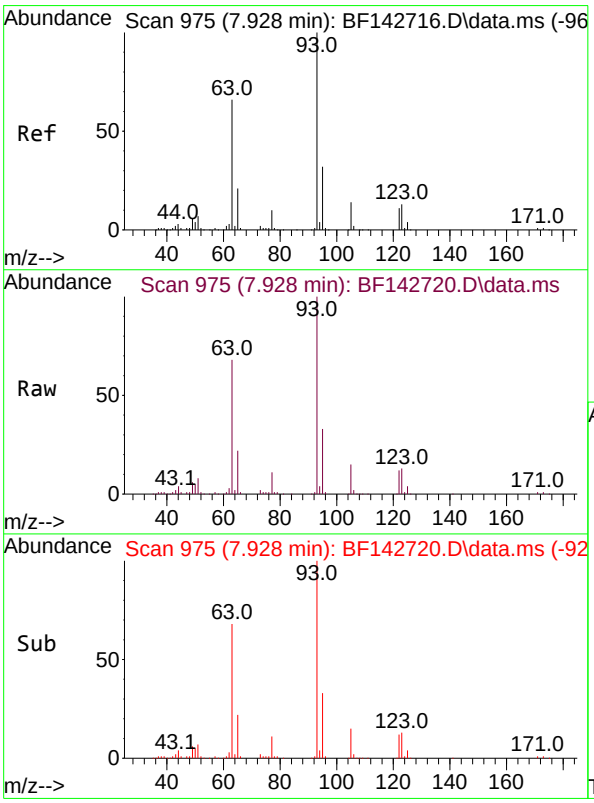
#27
2,4-Dimethylphenol
Concen: 45.831 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

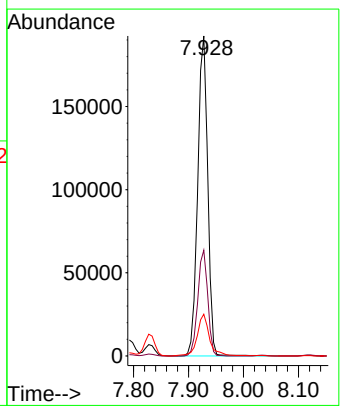


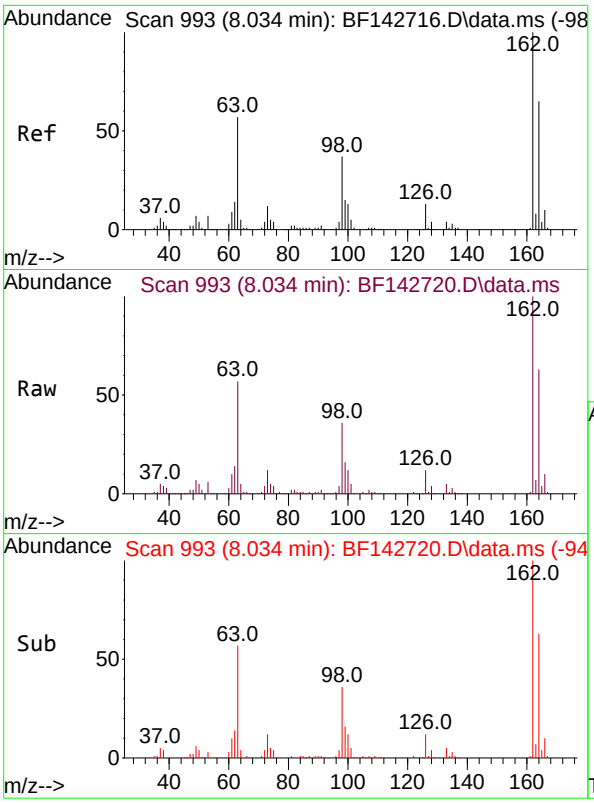


#28
bis(2-Chloroethoxy)methane
Concen: 44.101 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



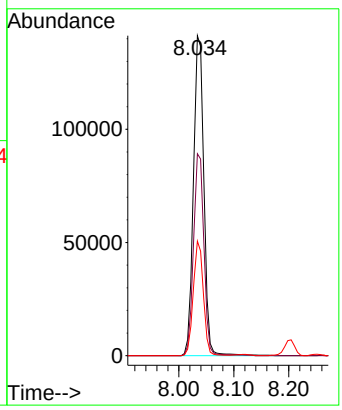


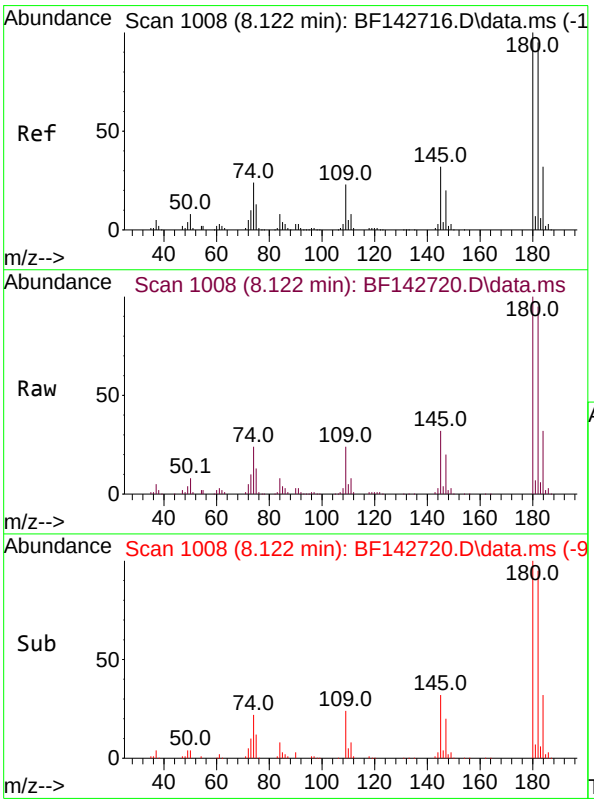
#29
2,4-Dichlorophenol
Concen: 45.296 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

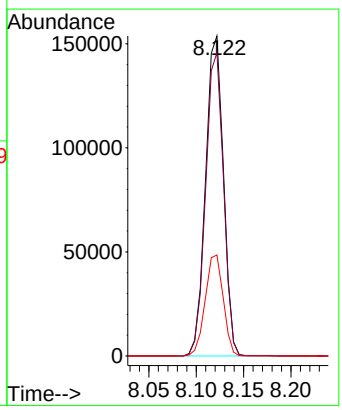


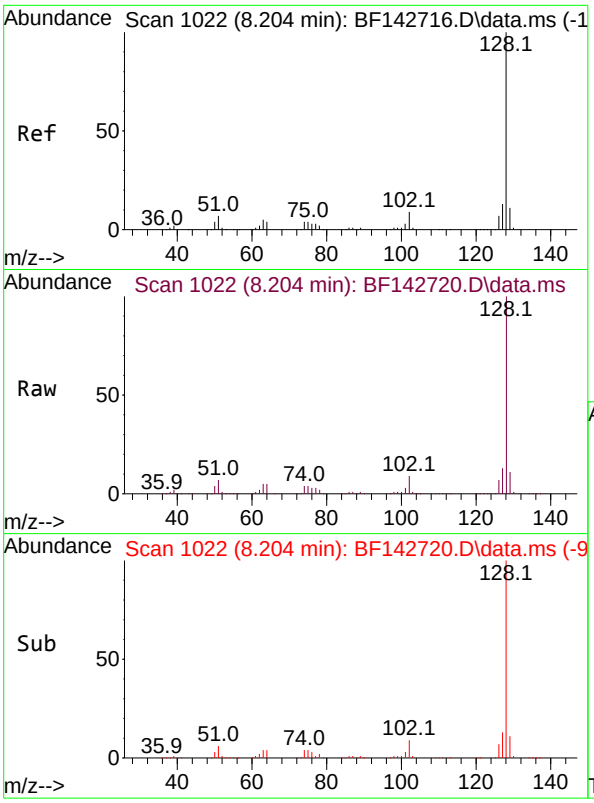


#30
1,2,4-Trichlorobenzene
Concen: 44.466 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



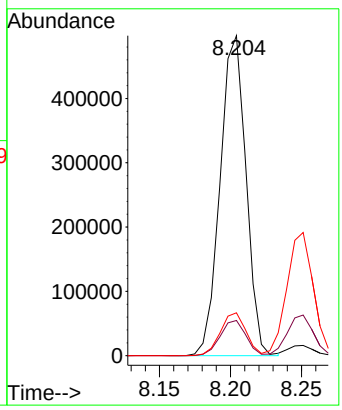


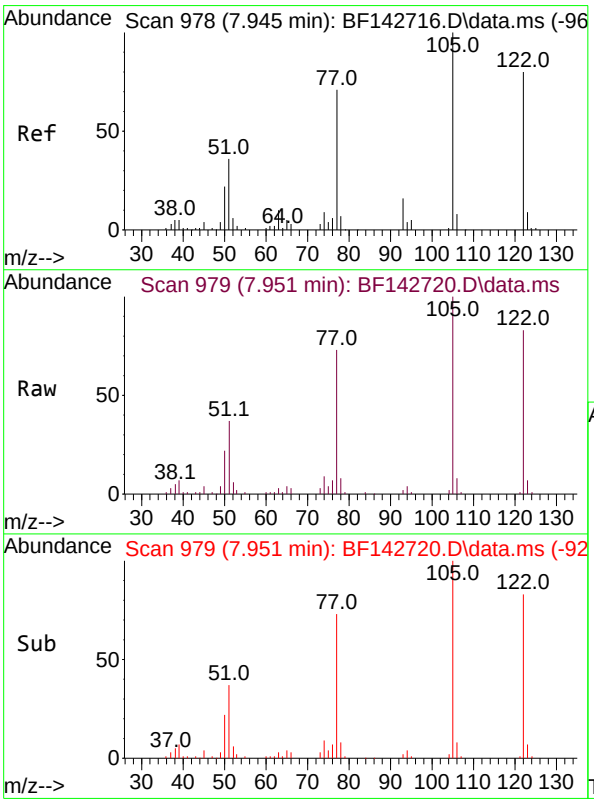
#31
Naphthalene
Concen: 44.151 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

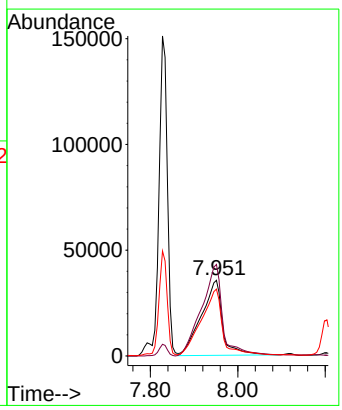


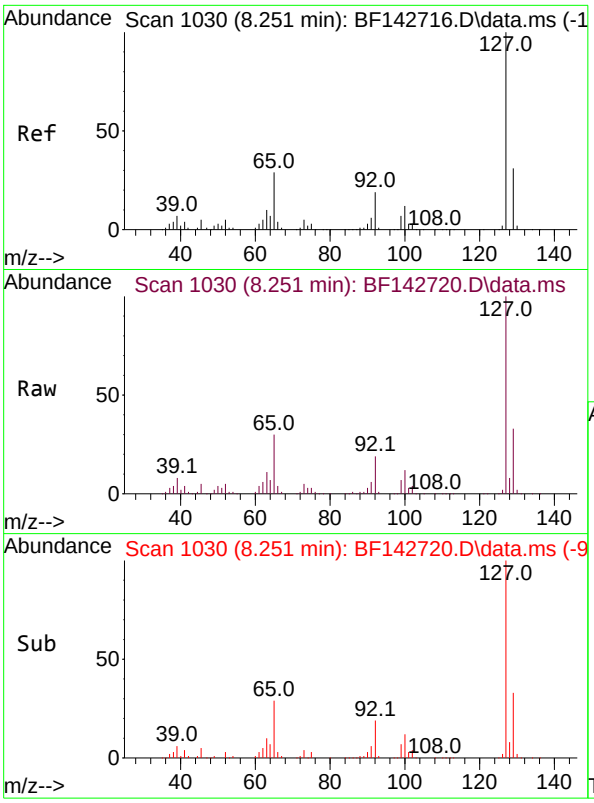


#32
Benzoic acid
Concen: 47.951 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



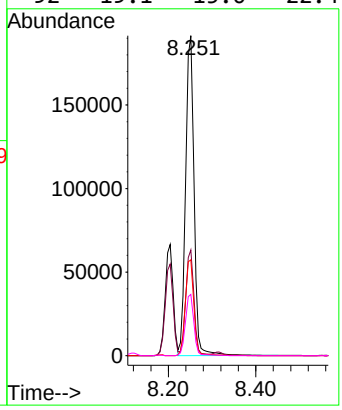


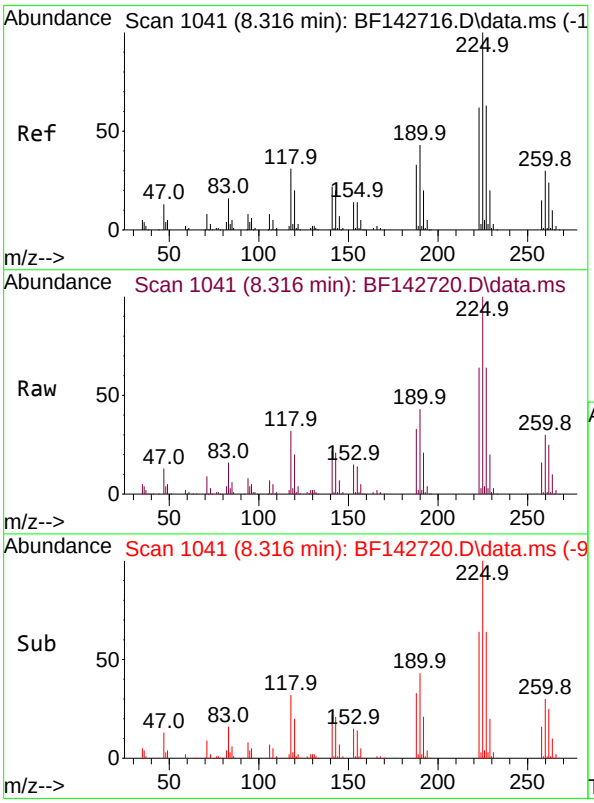
#33
4-Chloroaniline
Concen: 44.530 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

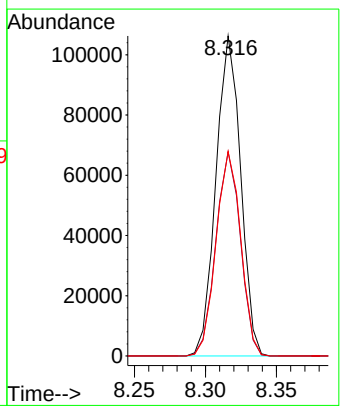


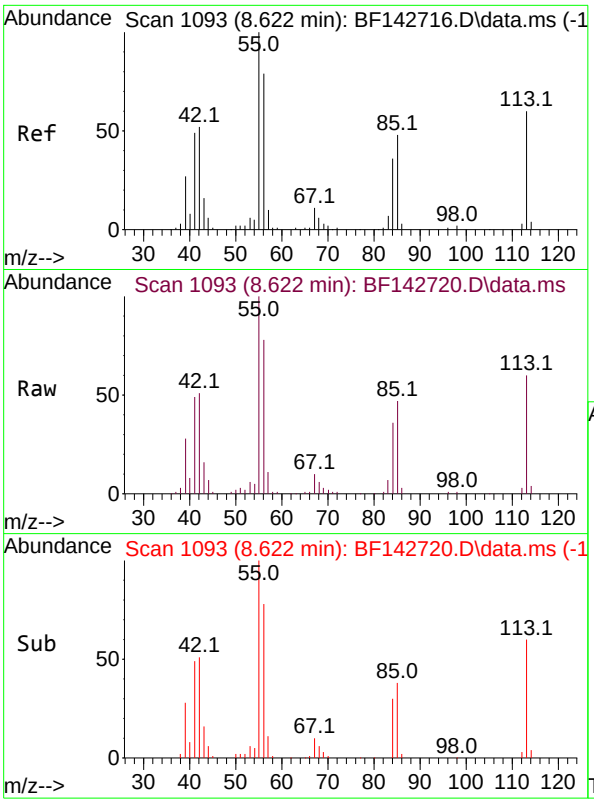


#34
Hexachlorobutadiene
Concen: 44.378 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



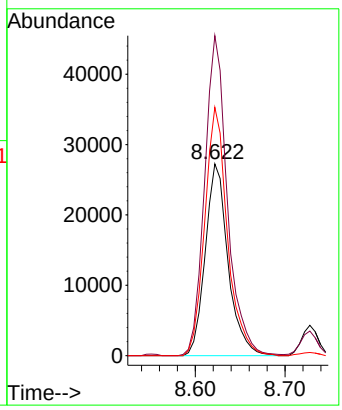


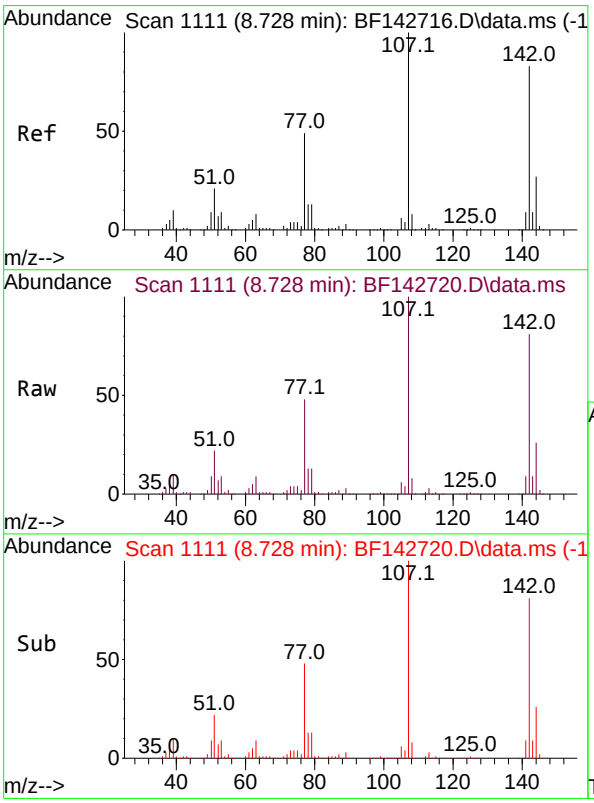
#35
Caprolactam
Concen: 43.345 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

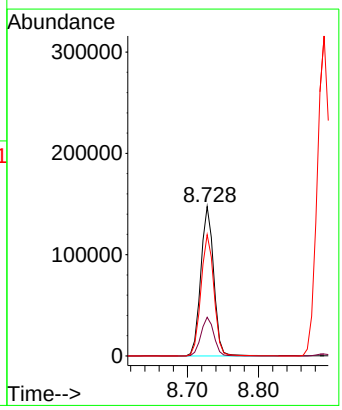


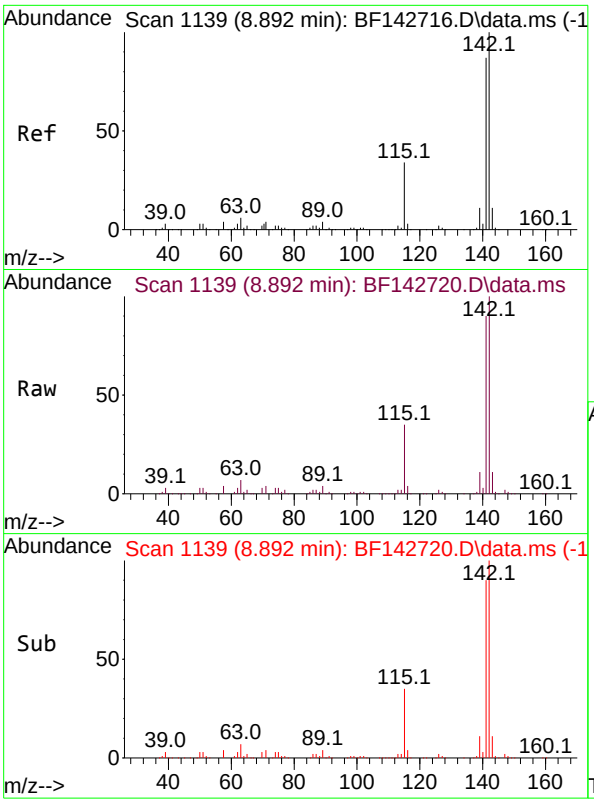


#36
4-Chloro-3-methylphenol
Concen: 43.991 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



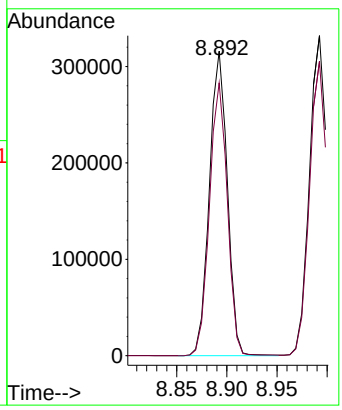


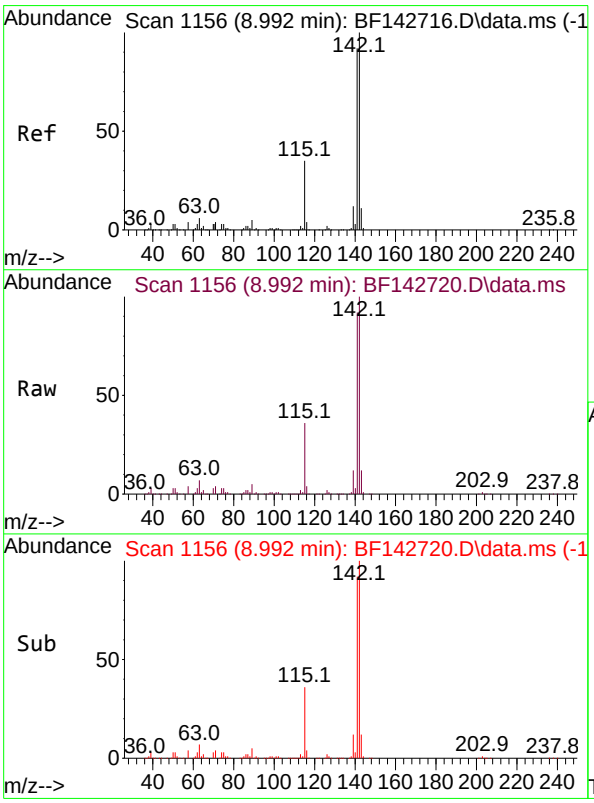
#37
2-Methylnaphthalene
Concen: 43.503 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:142 Resp: 393355

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.9	104.9

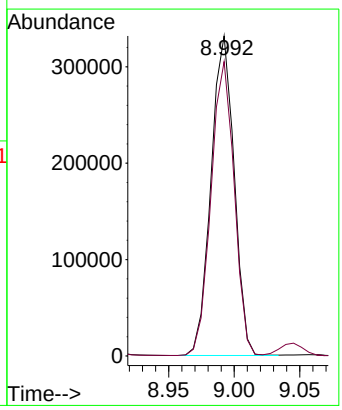


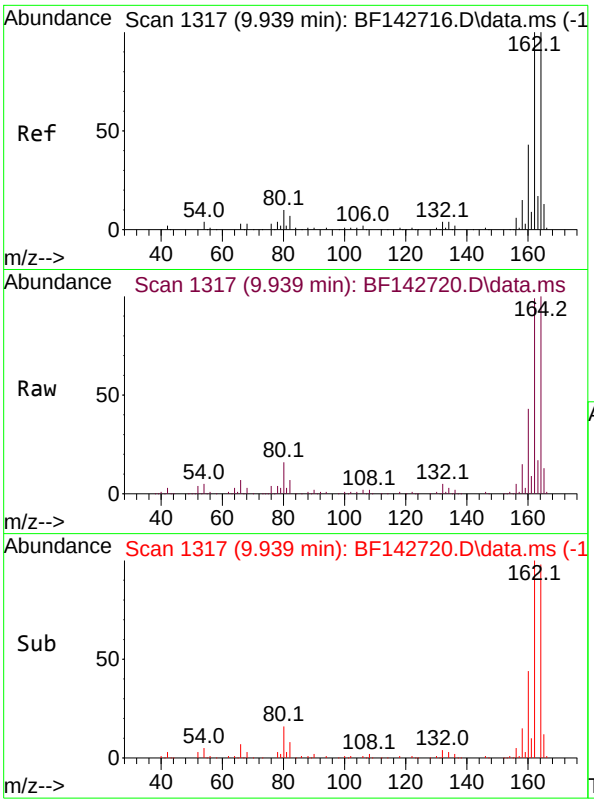


#38
1-Methylnaphthalene
Concen: 43.455 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:142 Resp: 407036

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3



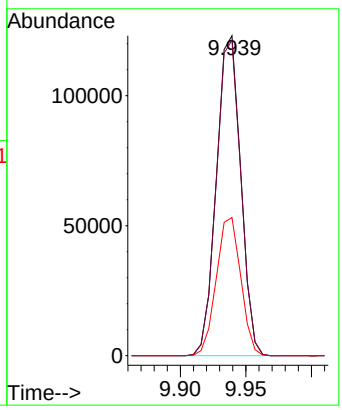


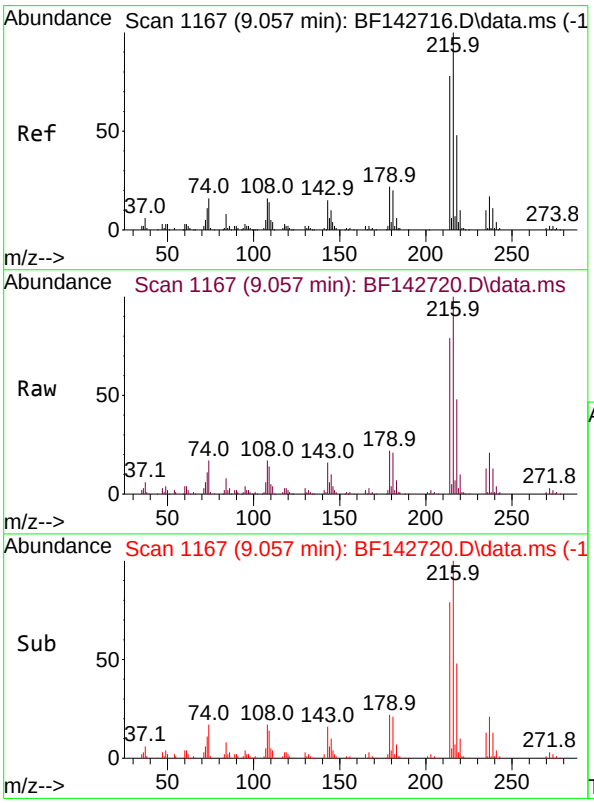
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

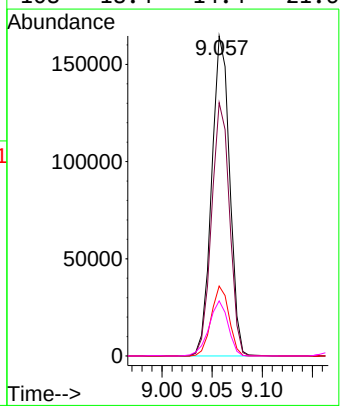


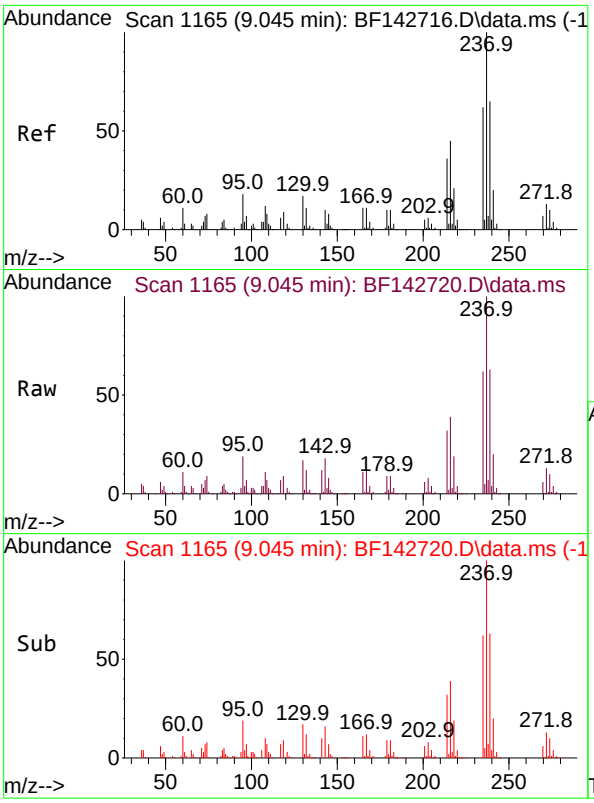


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.649 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



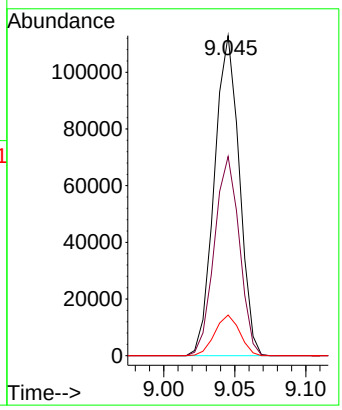


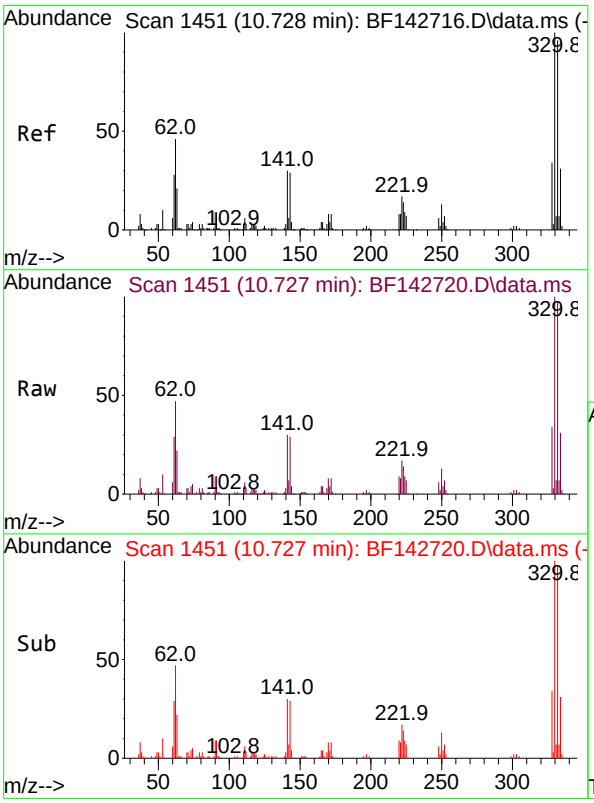
#41
Hexachlorocyclopentadiene
Concen: 46.731 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

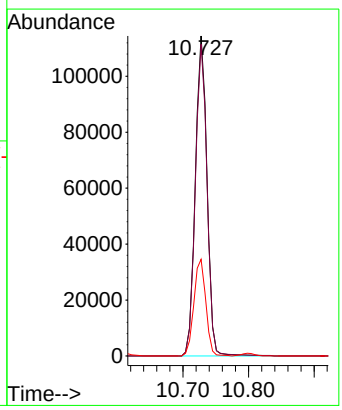


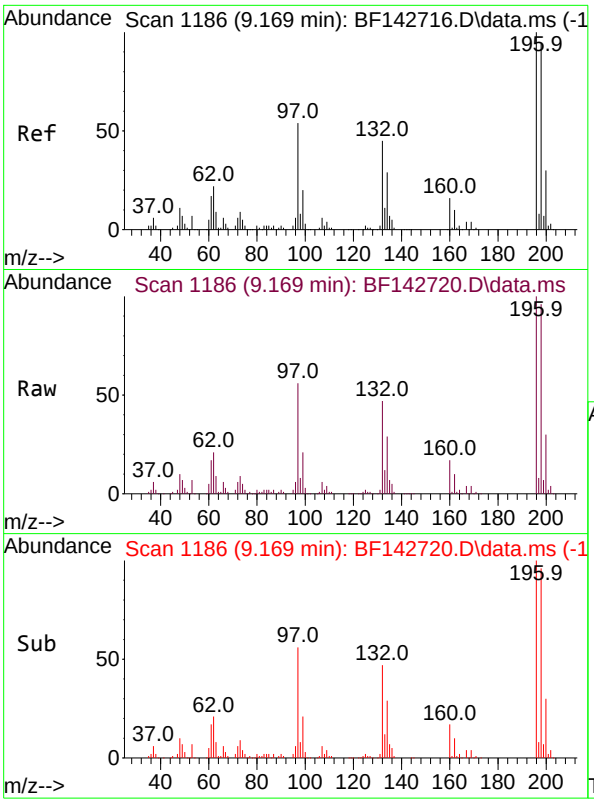


#42
2,4,6-Tribromophenol
Concen: 81.692 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



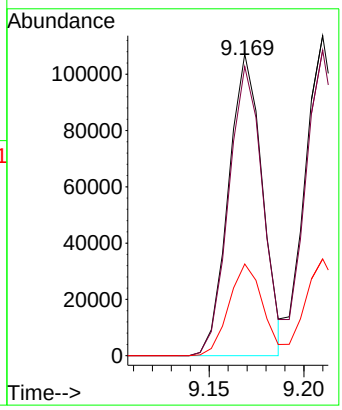


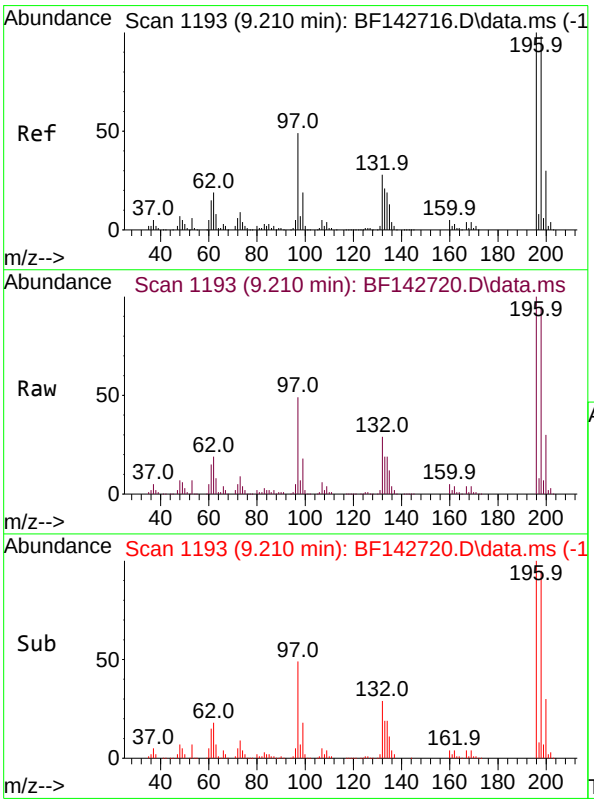
#43
2,4,6-Trichlorophenol
Concen: 44.714 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

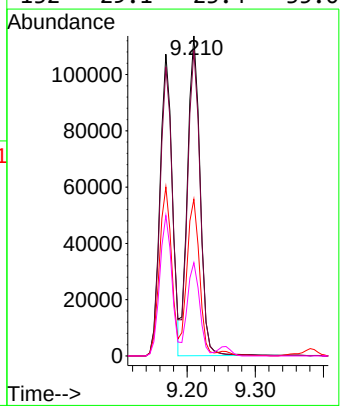


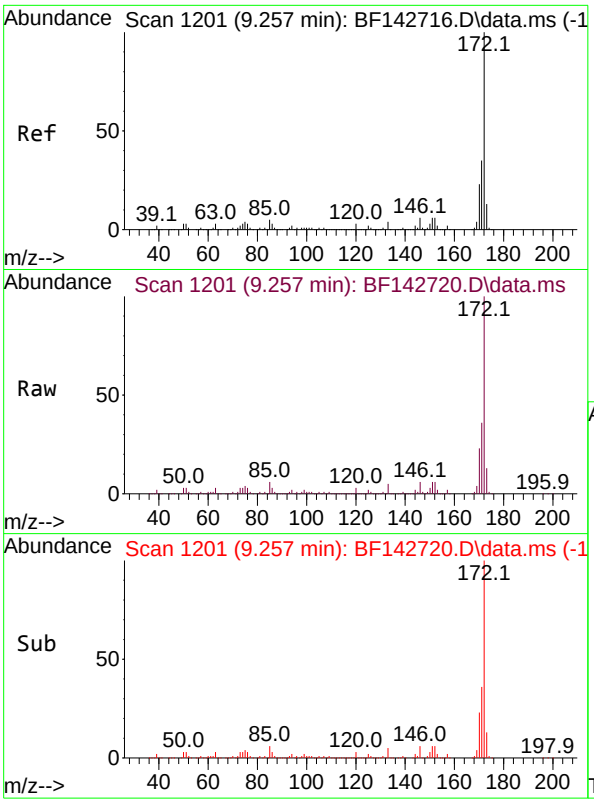


#44
2,4,5-Trichlorophenol
Concen: 45.379 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



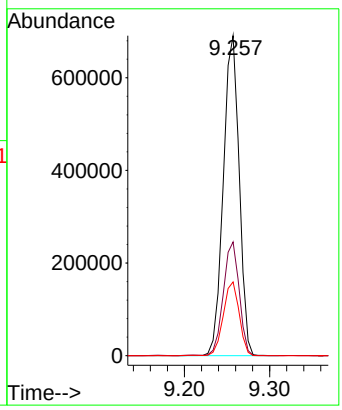


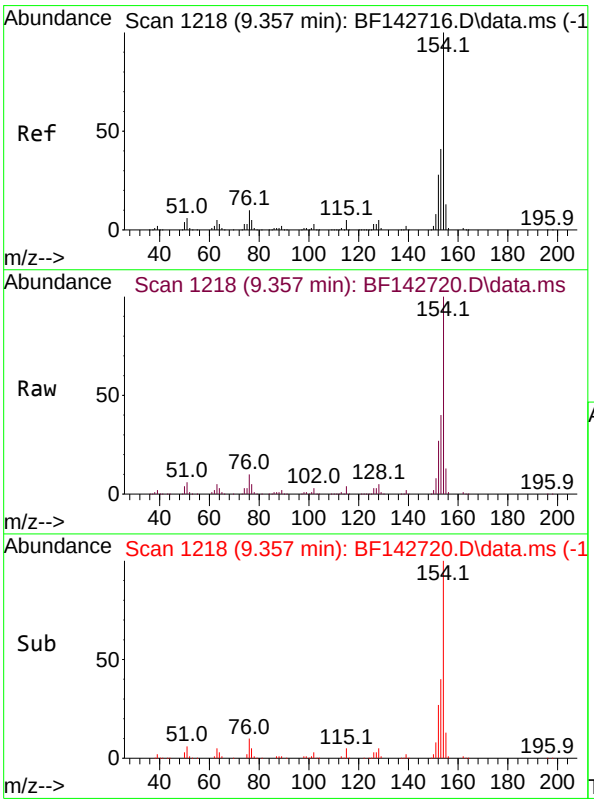
#45
2-Fluorobiphenyl
Concen: 75.043 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

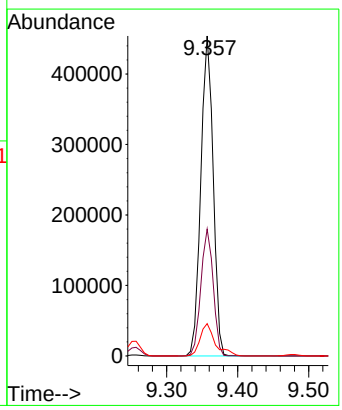


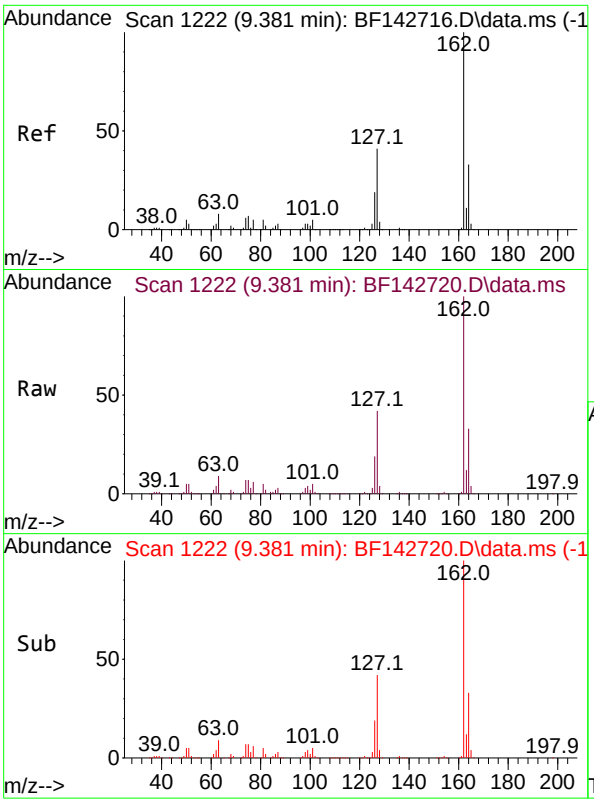


#46
1,1'-Biphenyl
Concen: 44.647 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



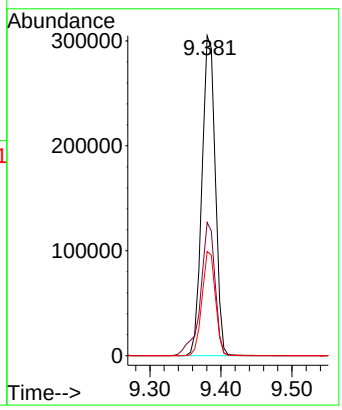


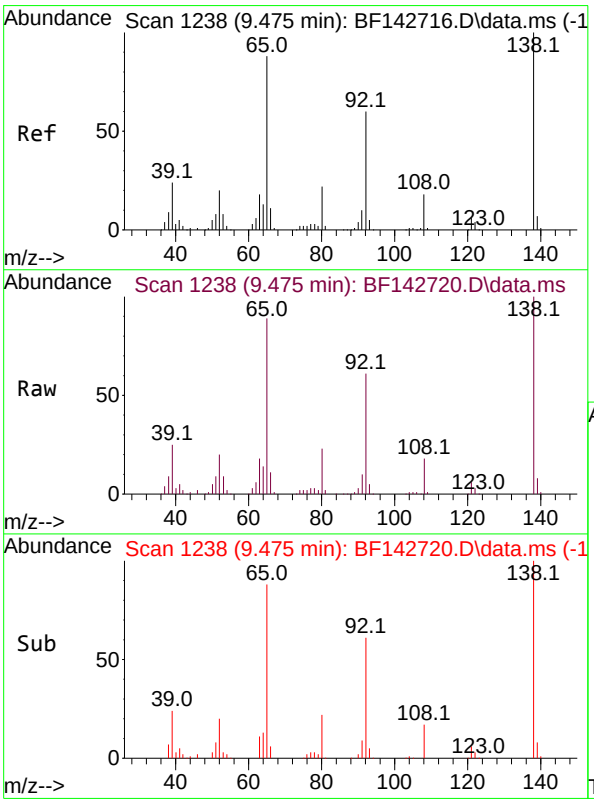
#47
2-Chloronaphthalene
Concen: 44.040 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

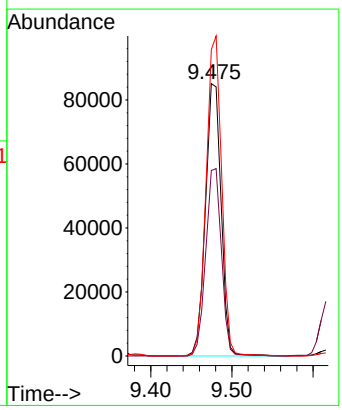


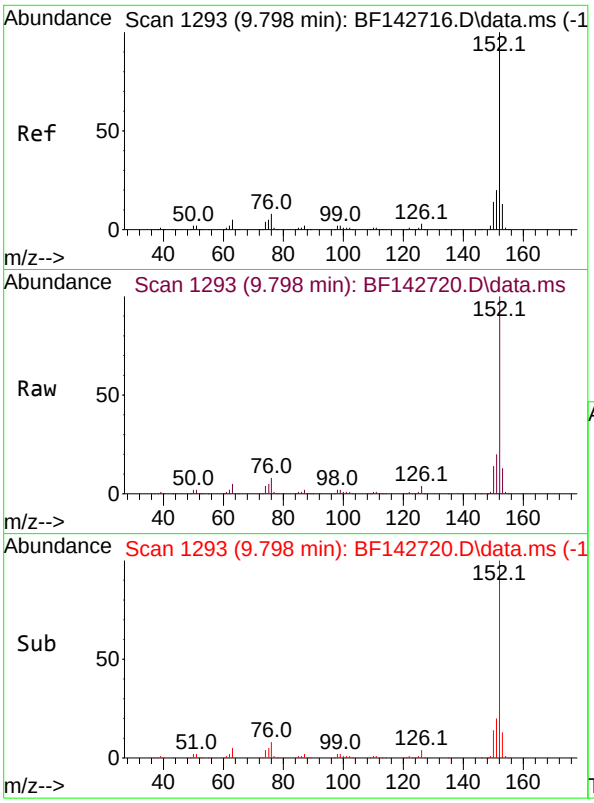


#48
2-Nitroaniline
Concen: 44.136 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



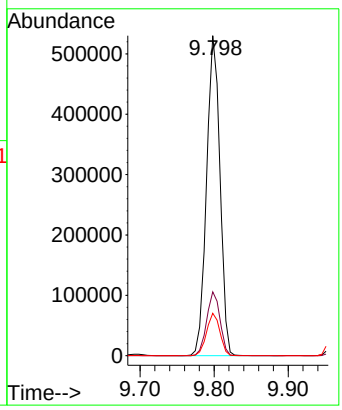


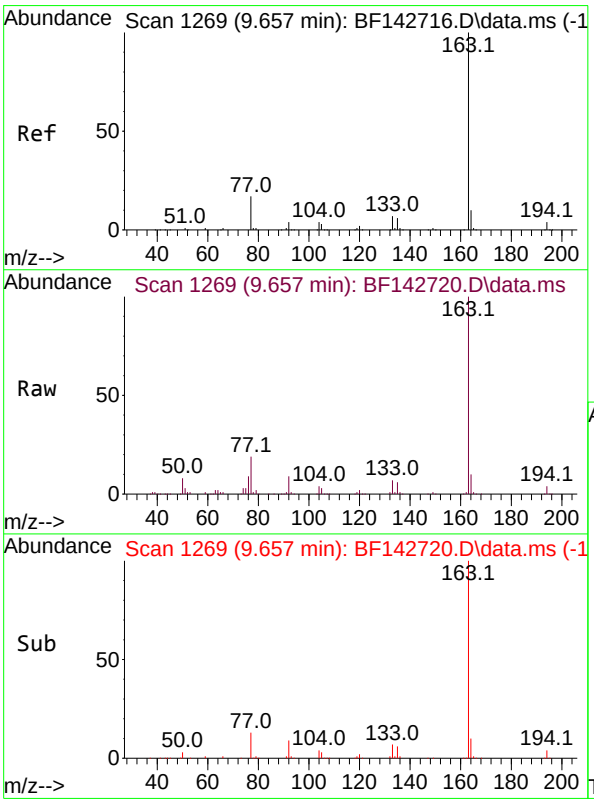
#49
Acenaphthylene
Concen: 43.524 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

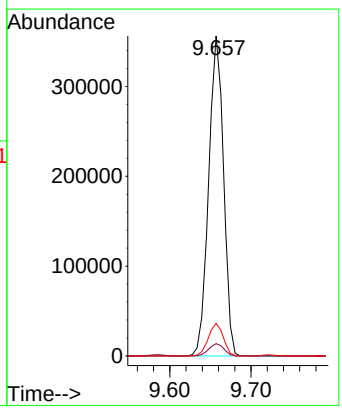


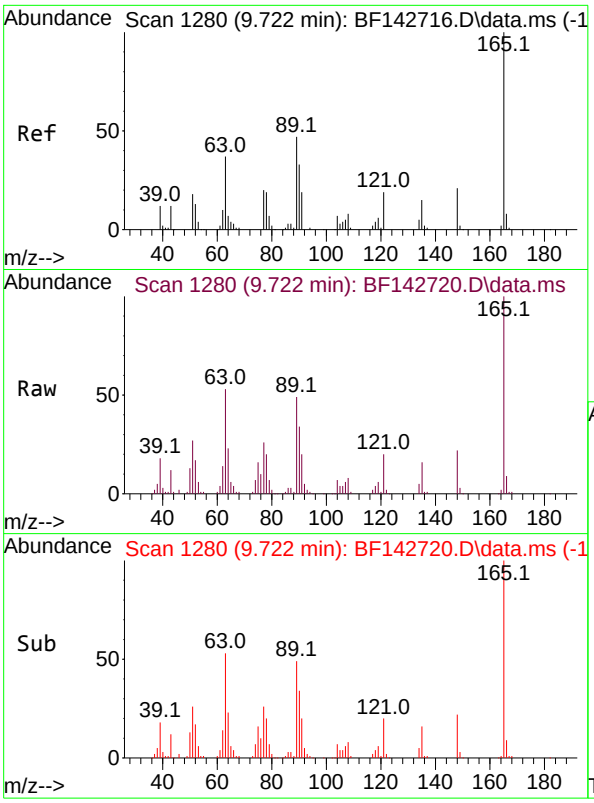


#50
Dimethylphthalate
Concen: 42.773 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



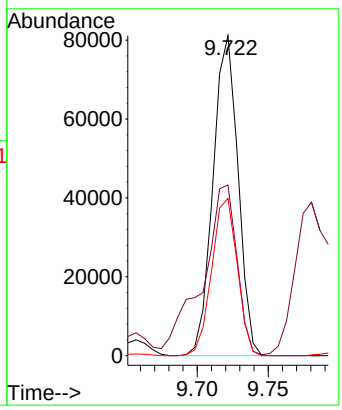


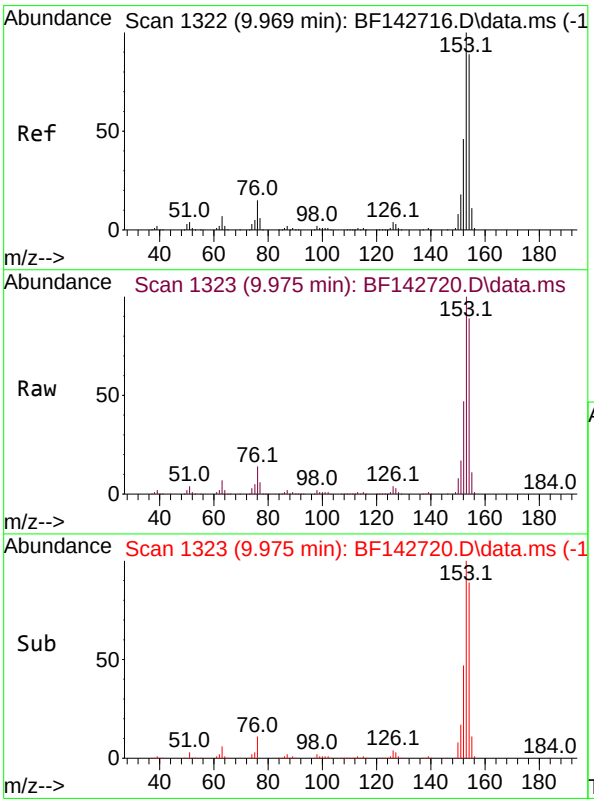
#51
2,6-Dinitrotoluene
Concen: 43.408 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

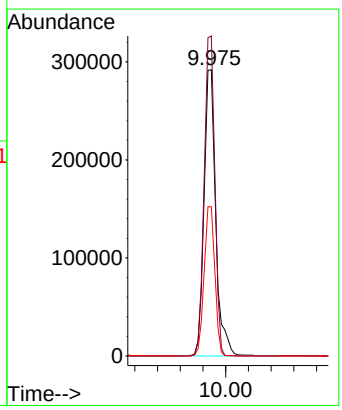


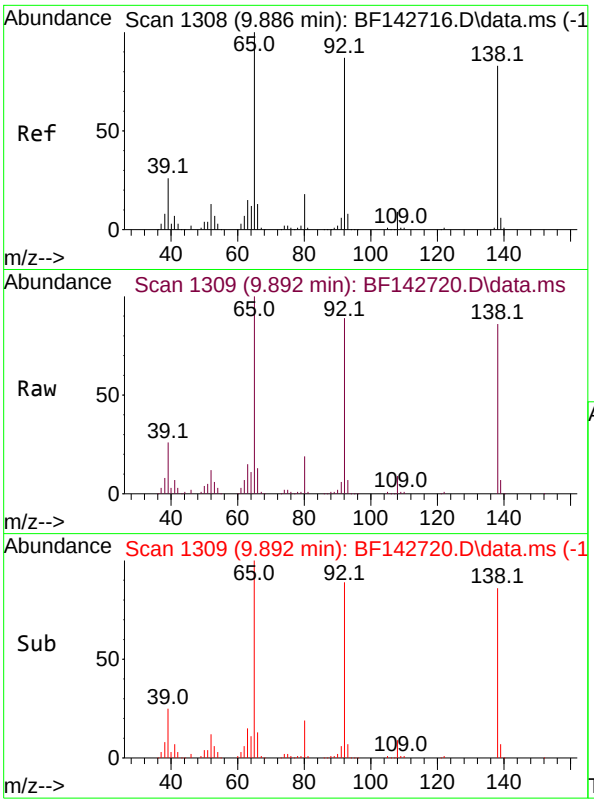


#52
Acenaphthene
Concen: 43.917 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



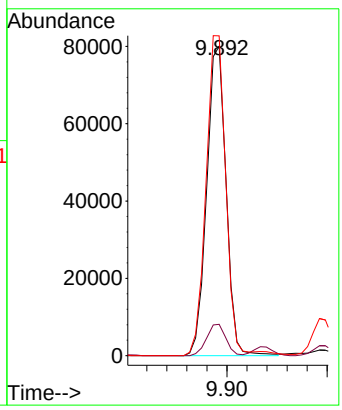


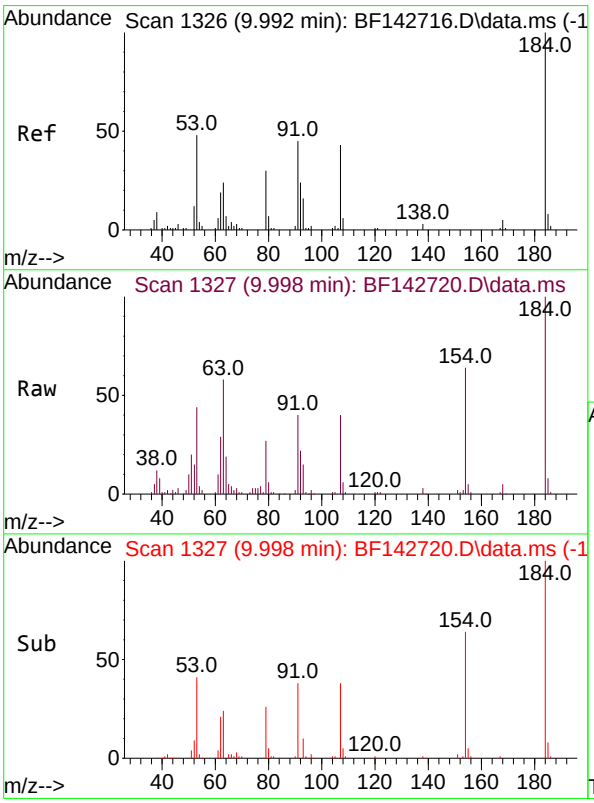
#53
3-Nitroaniline
Concen: 43.317 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

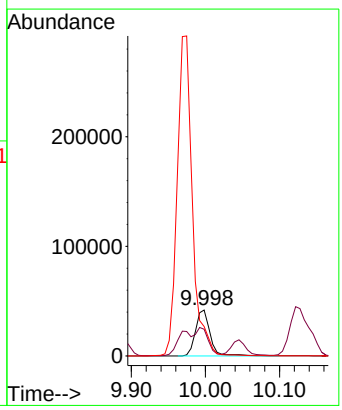


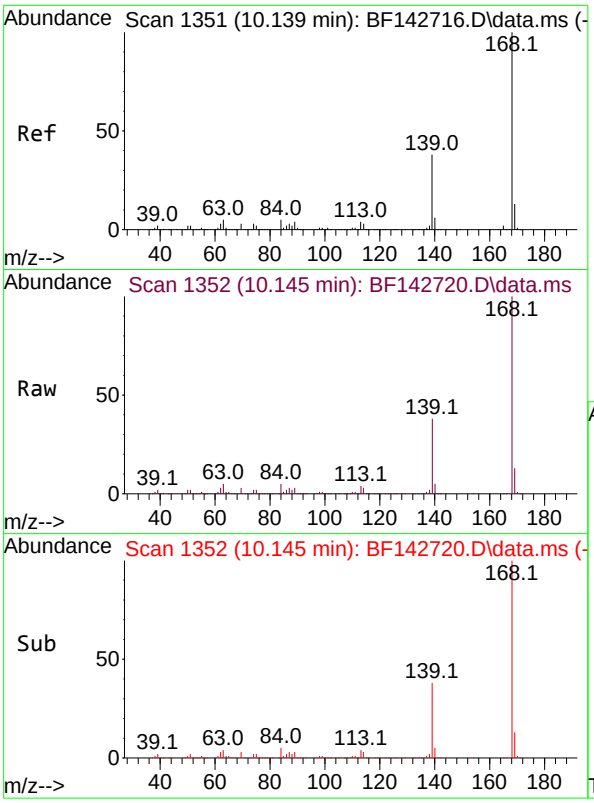


#54
2,4-Dinitrophenol
Concen: 45.522 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



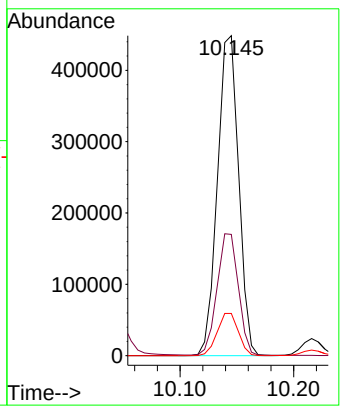


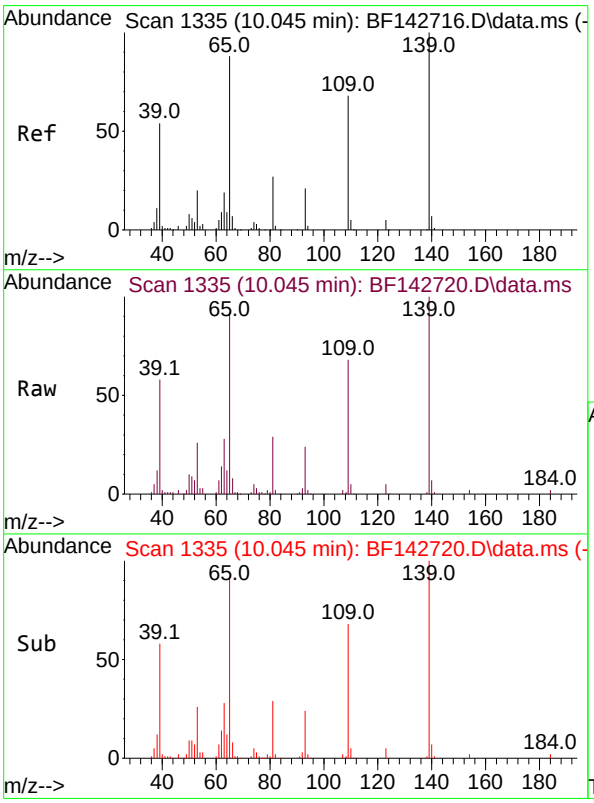
#55
Dibenzofuran
Concen: 43.111 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

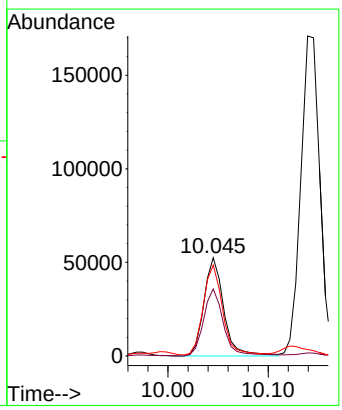


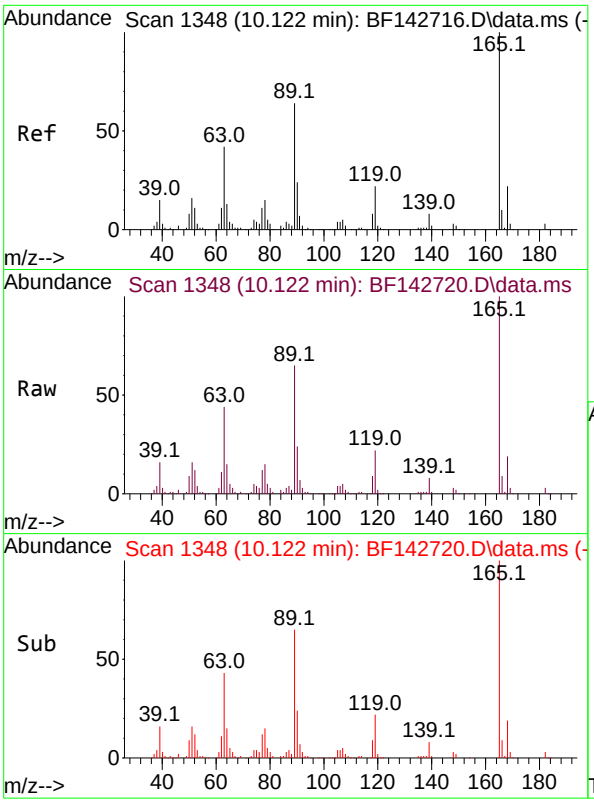


#56
4-Nitrophenol
Concen: 42.908 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



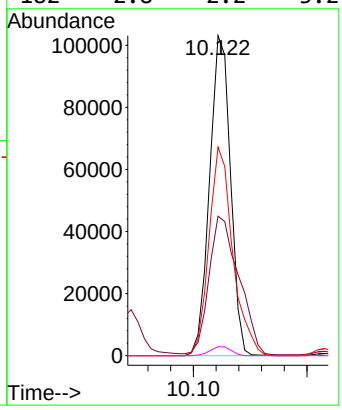


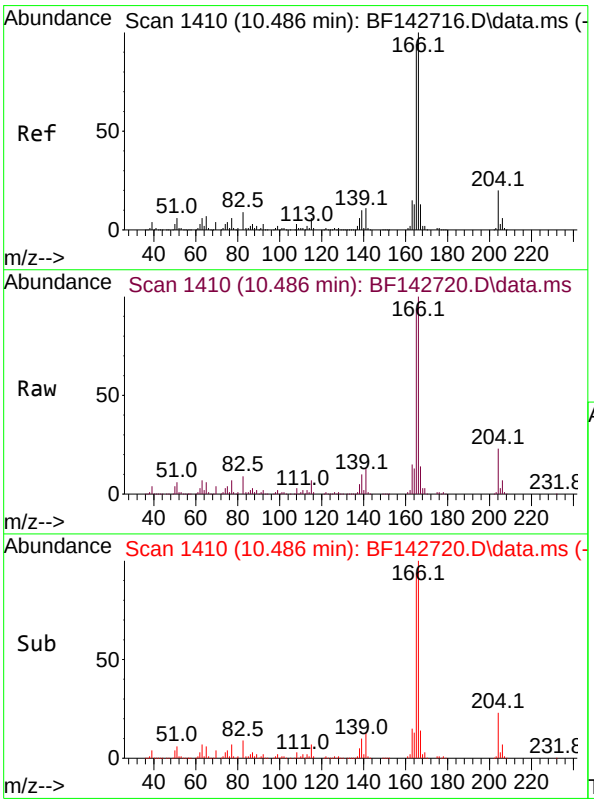
#57
2,4-Dinitrotoluene
Concen: 43.516 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

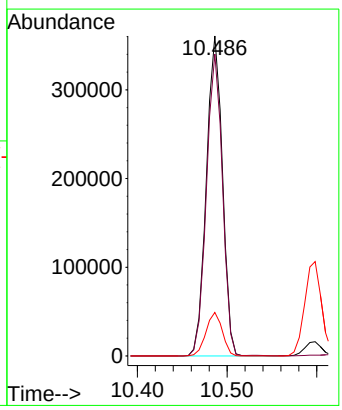


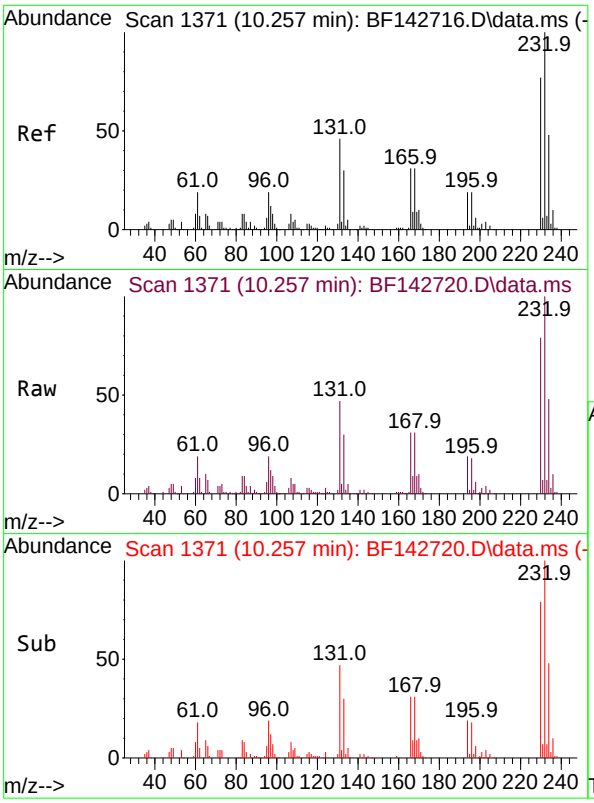


#58
Fluorene
Concen: 42.112 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



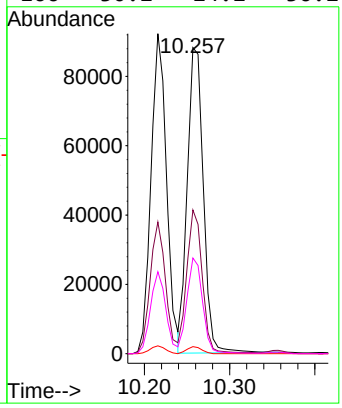


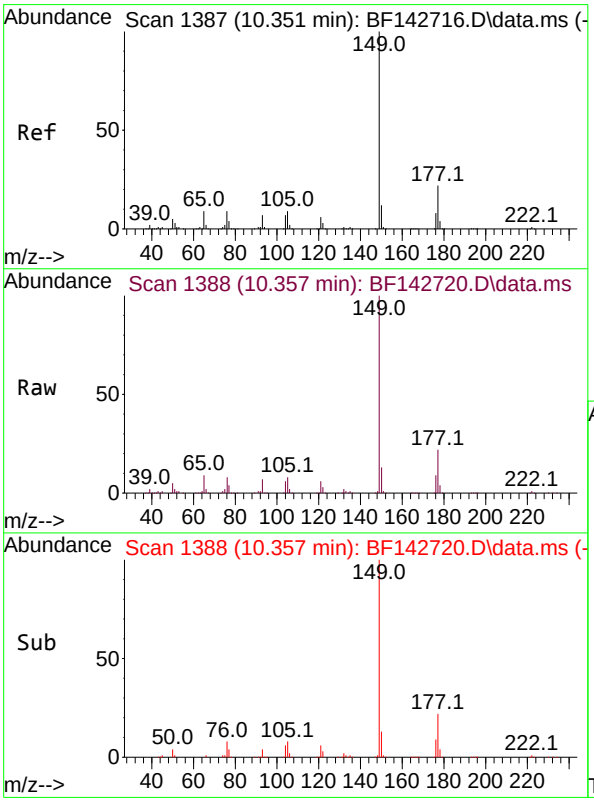
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.746 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

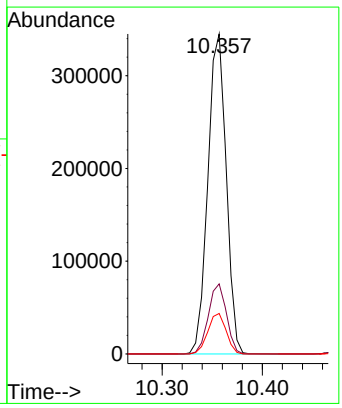


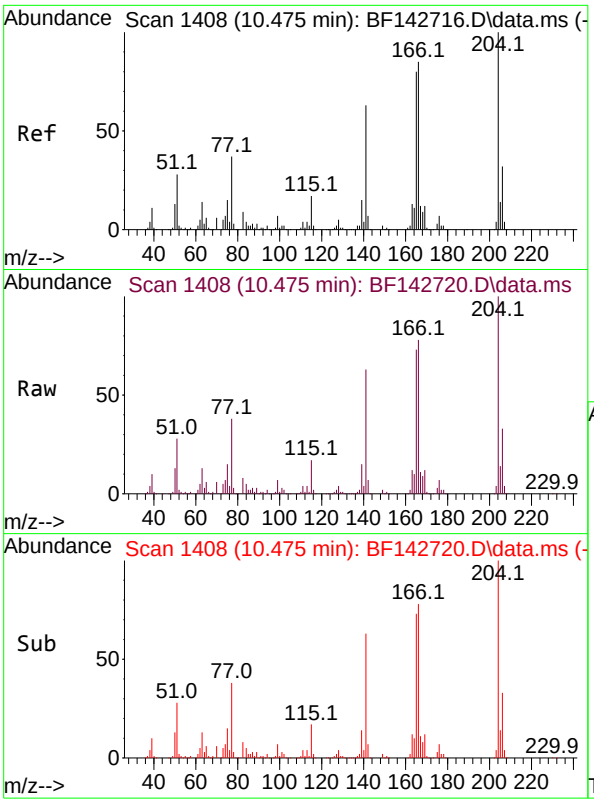


#60
Diethylphthalate
Concen: 41.798 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



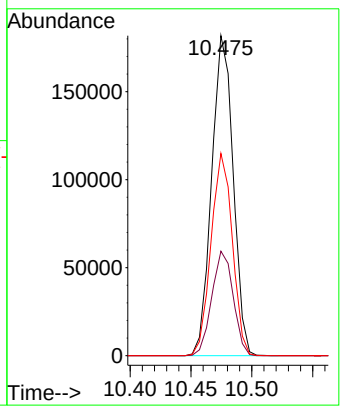


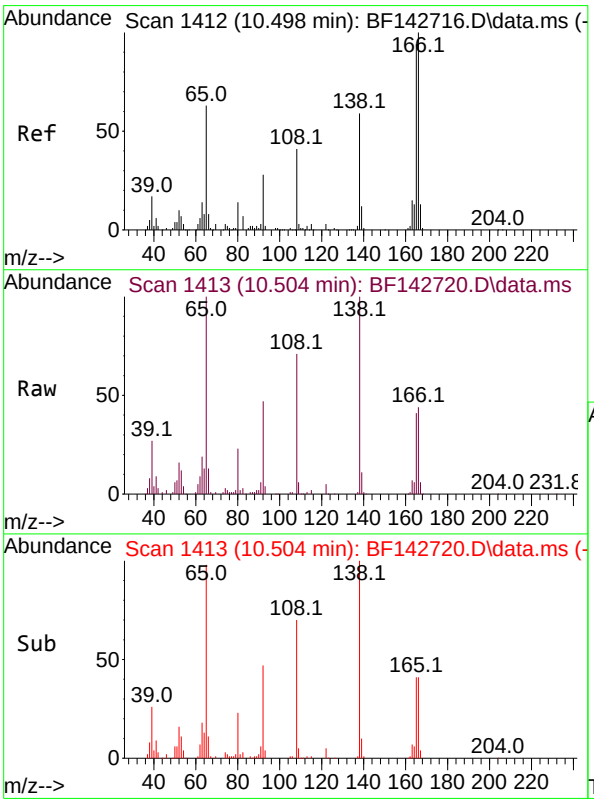
#61
4-Chlorophenyl-phenylether
Concen: 42.866 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

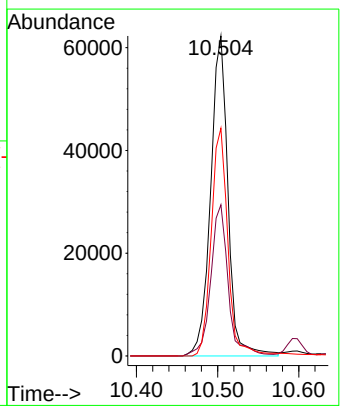


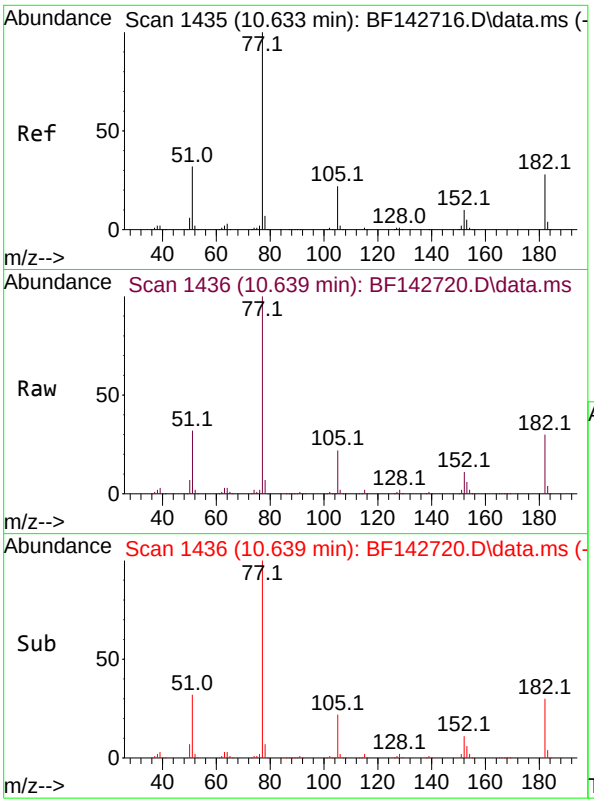


#62
4-Nitroaniline
Concen: 41.707 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



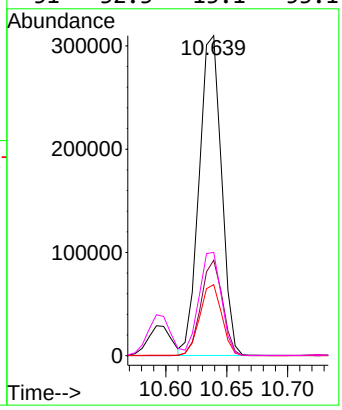


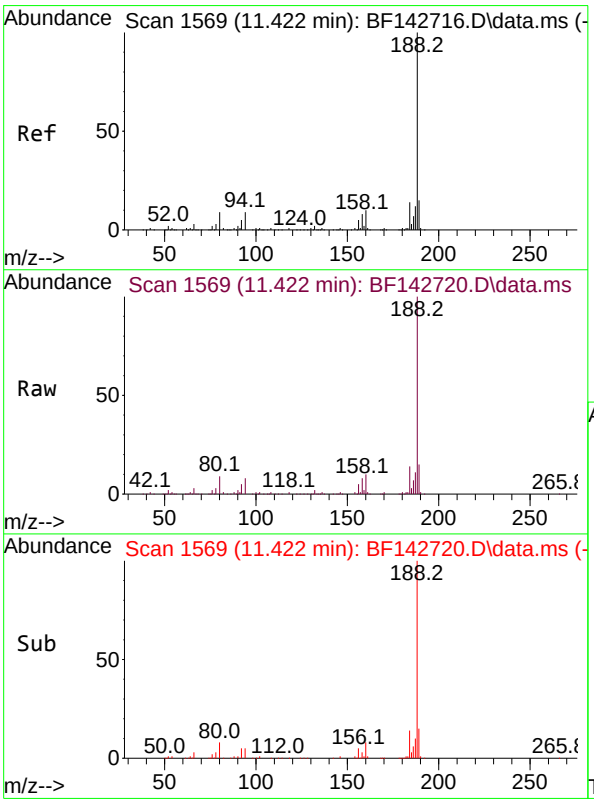
#63
Azobenzene
Concen: 43.227 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

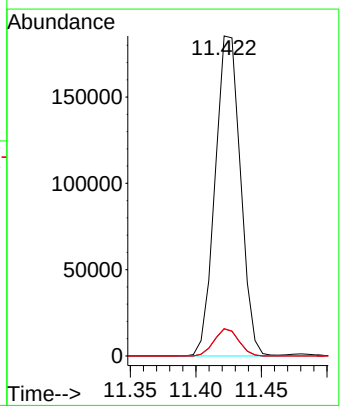


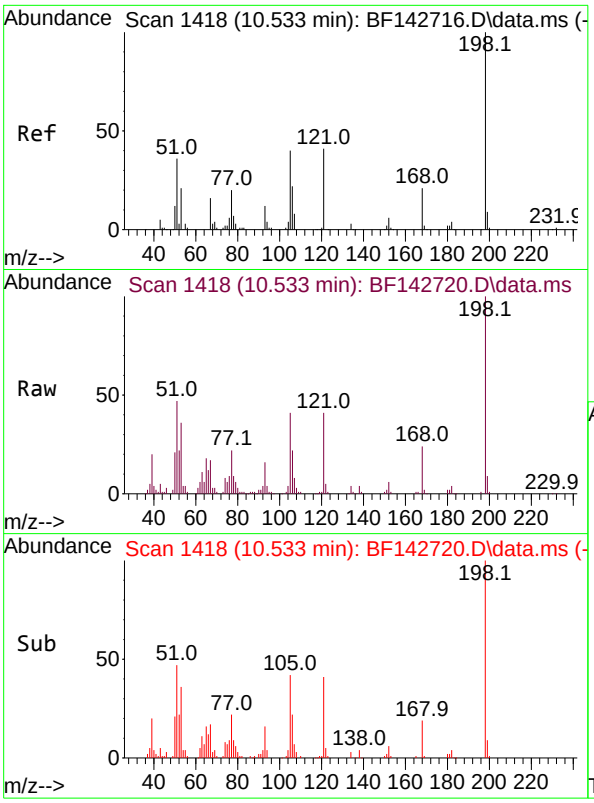


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



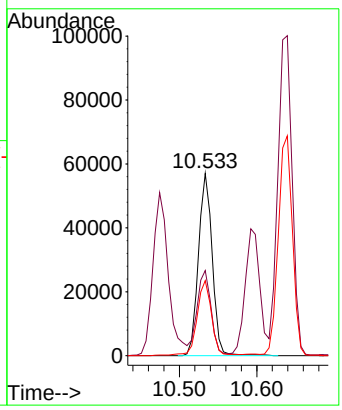


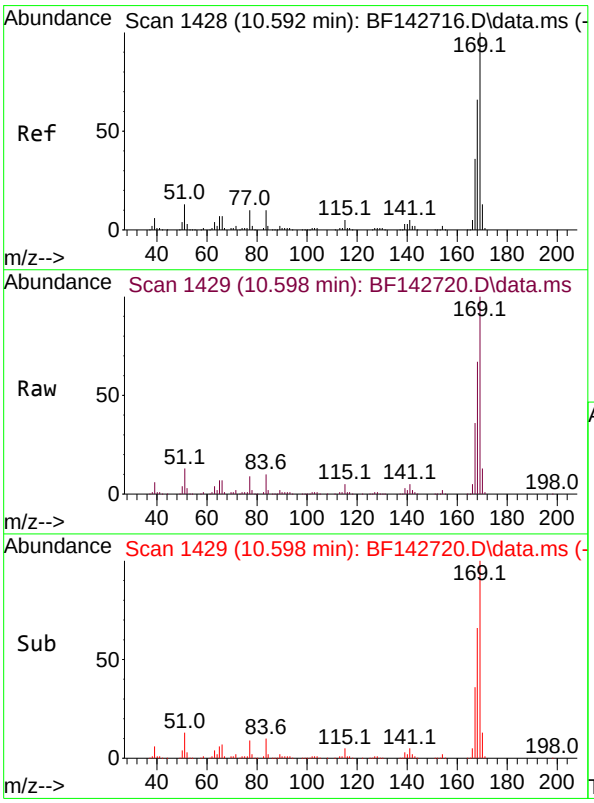
#65
4,6-Dinitro-2-methylphenol
Concen: 45.188 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

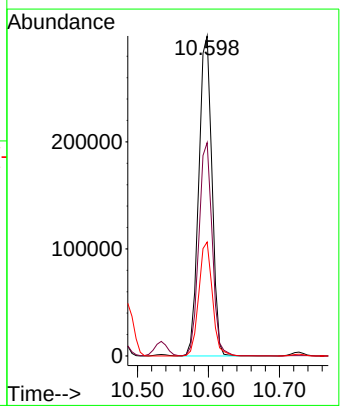


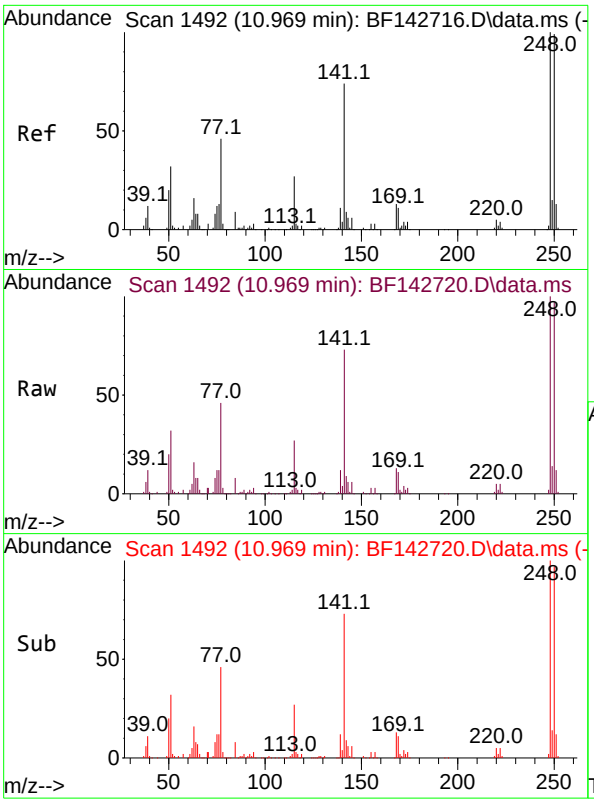


#66
n-Nitrosodiphenylamine
Concen: 45.023 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



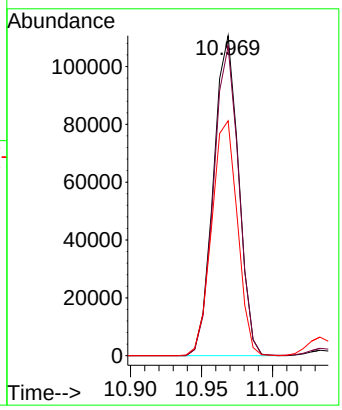


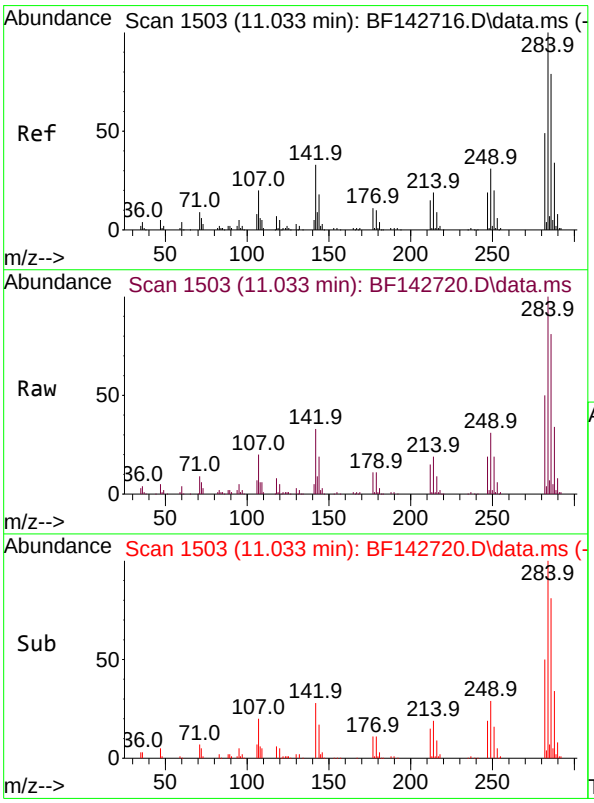
#67
4-Bromophenyl-phenylether
Concen: 46.092 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

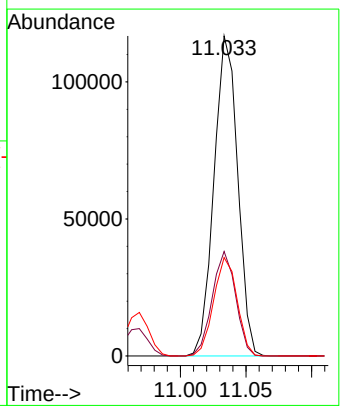


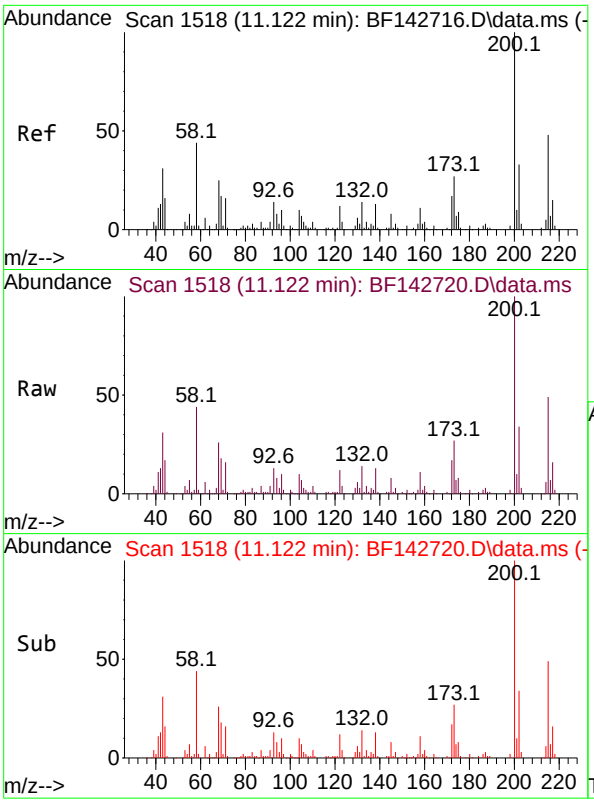


#68
Hexachlorobenzene
Concen: 44.795 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



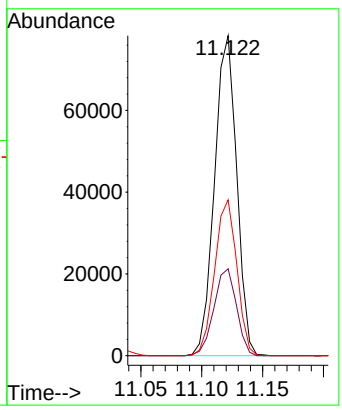


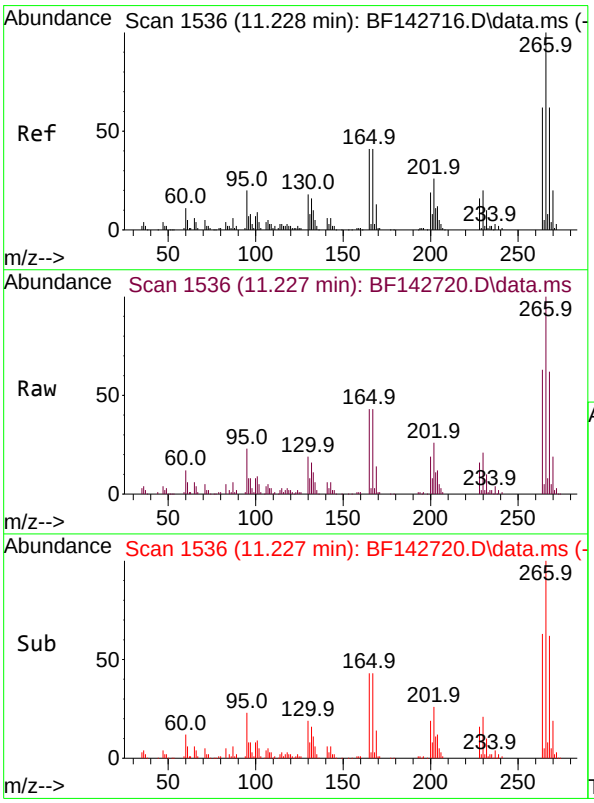
#69
Atrazine
Concen: 43.408 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

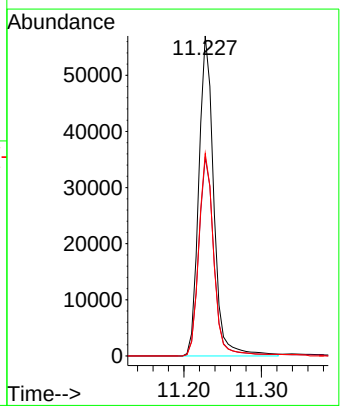


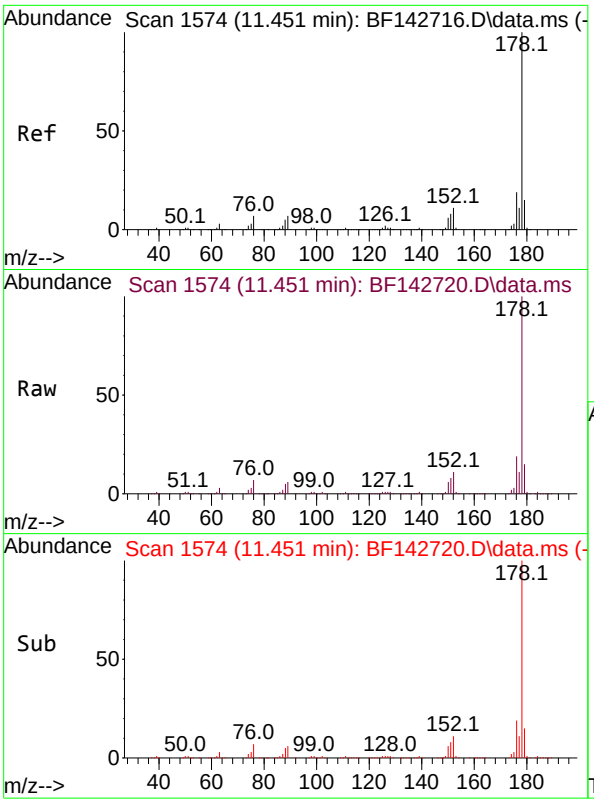


#70
Pentachlorophenol
Concen: 44.637 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



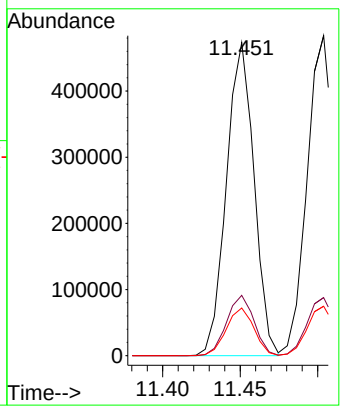


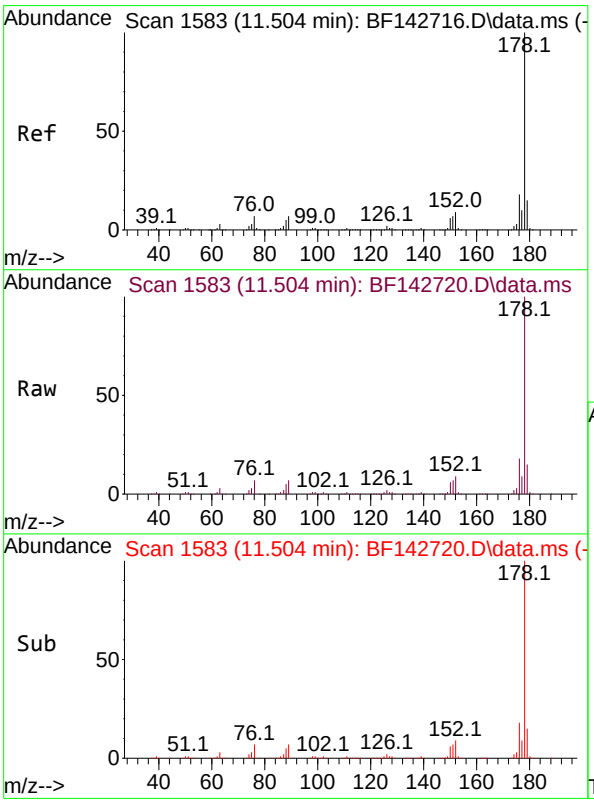
#71
Phenanthrene
Concen: 43.859 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

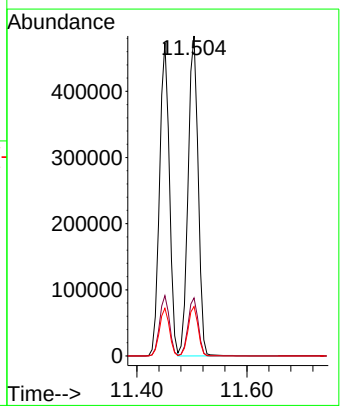


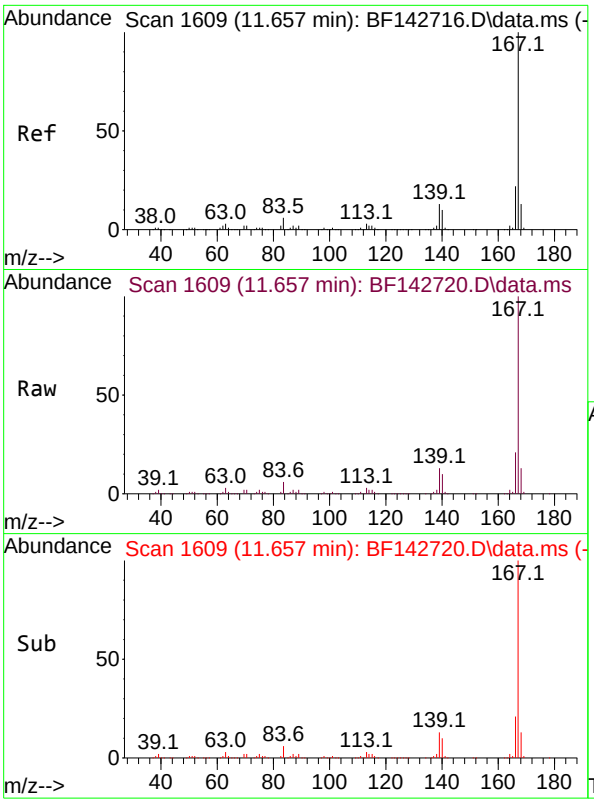


#72
Anthracene
Concen: 44.214 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



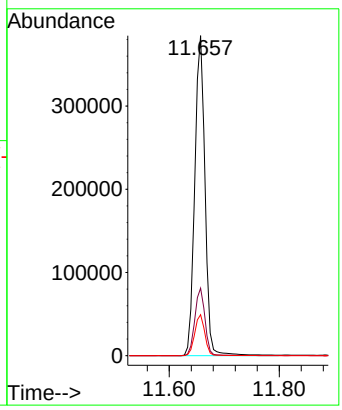


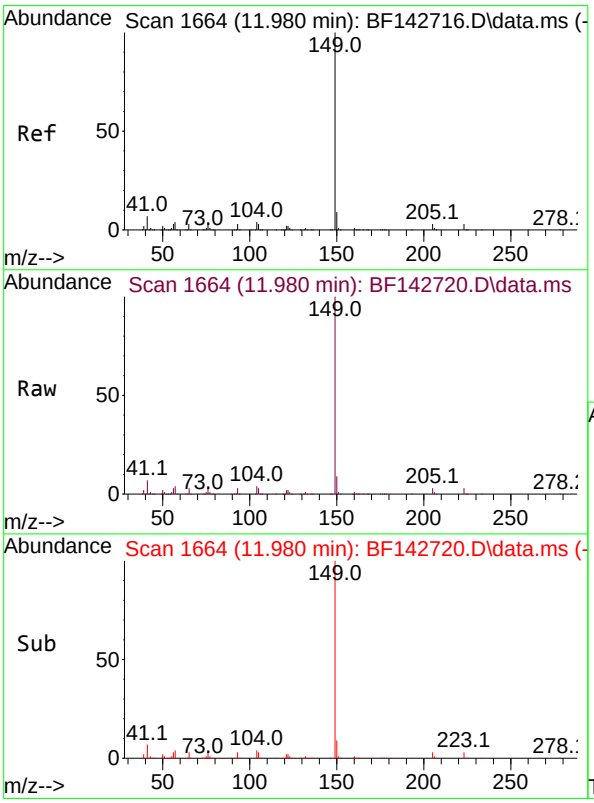
#73
Carbazole
Concen: 43.010 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

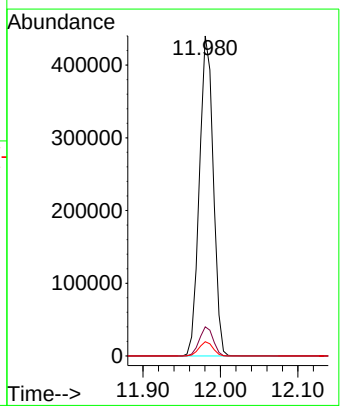


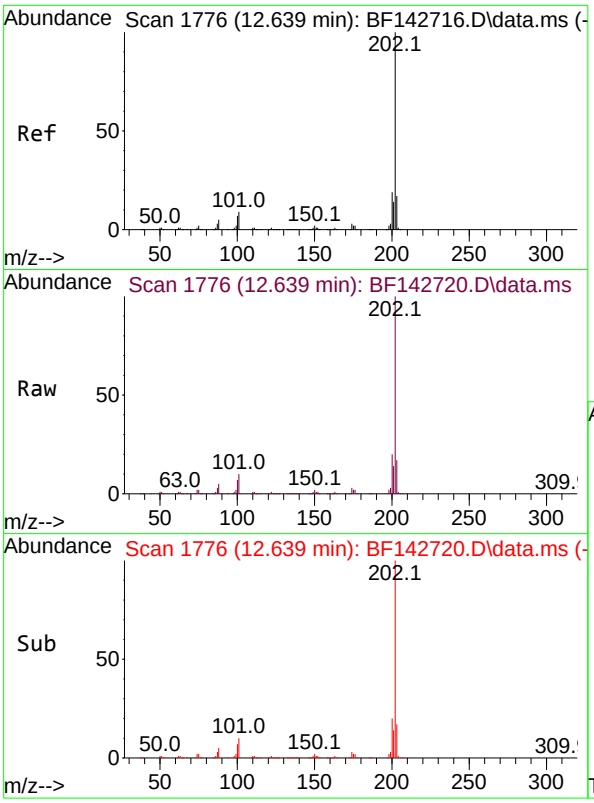


#74
Di-n-butylphthalate
Concen: 42.379 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



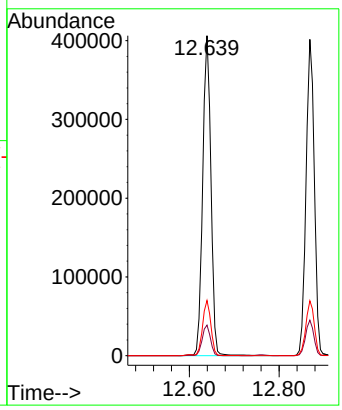


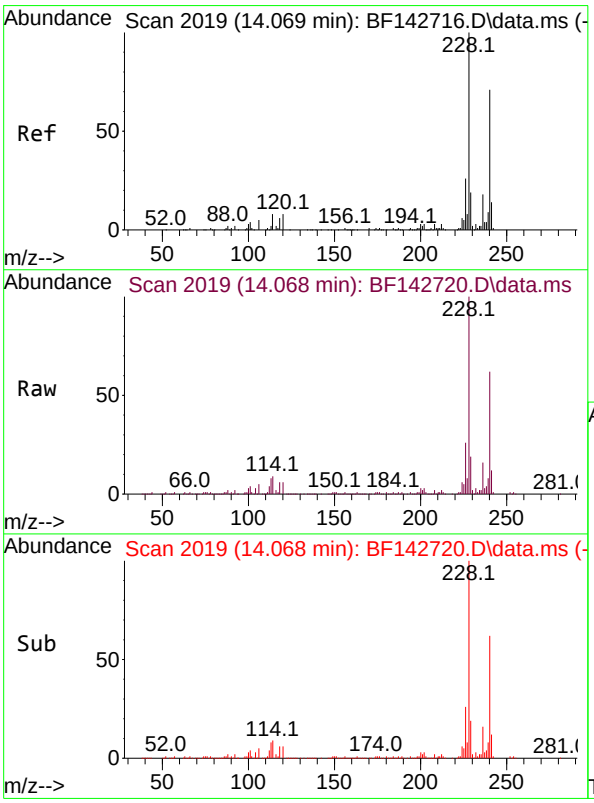
#75
Fluoranthene
Concen: 40.746 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

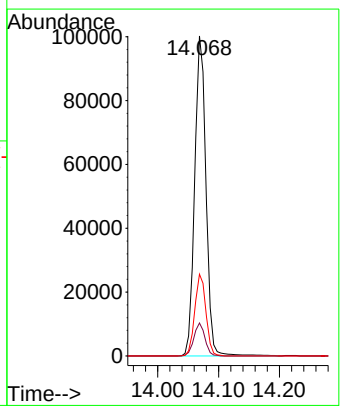


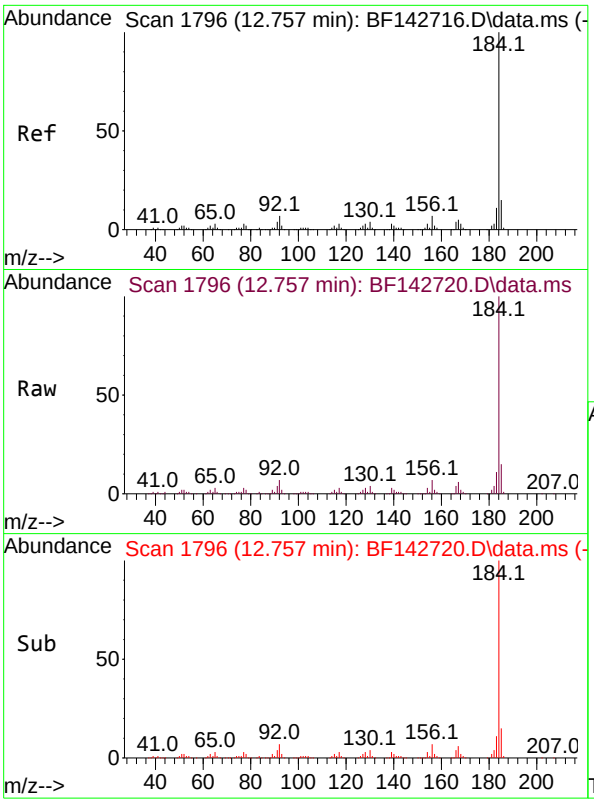


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



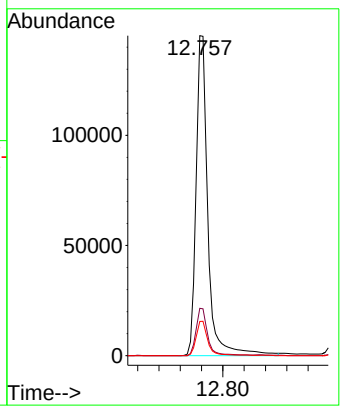


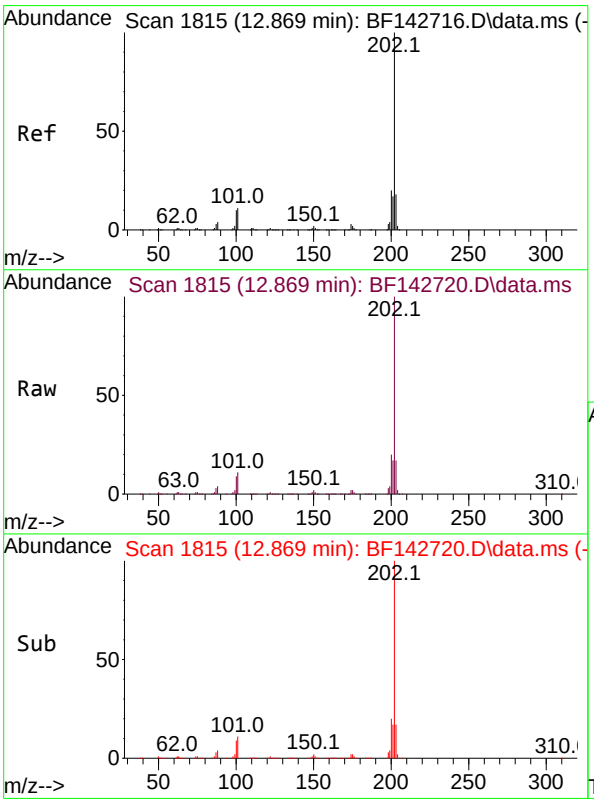
#77
Benzidine
Concen: 48.599 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

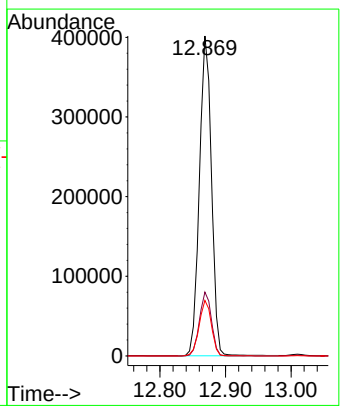


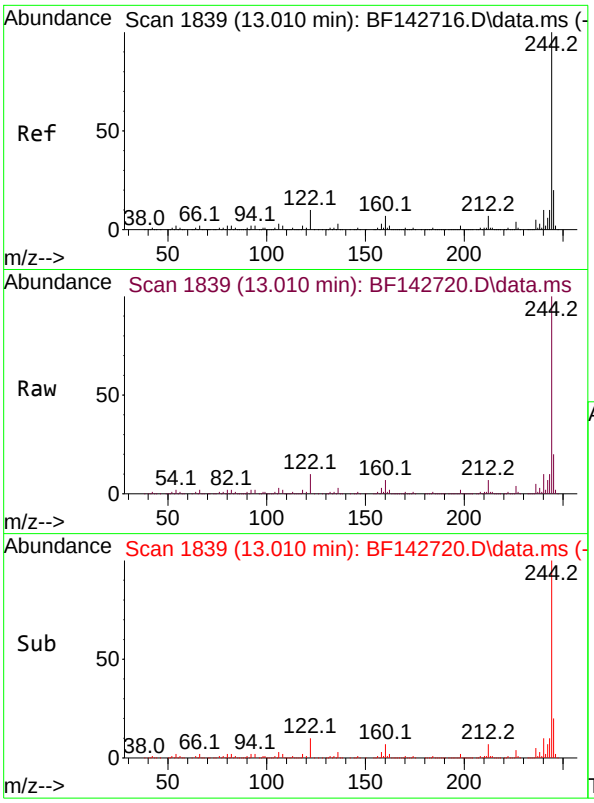


#78
Pyrene
Concen: 42.968 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



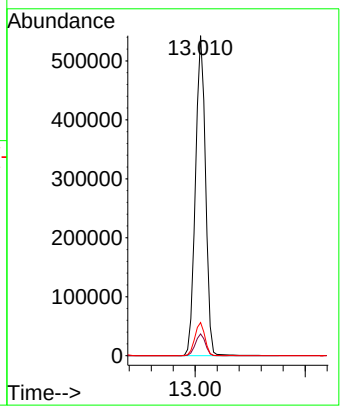


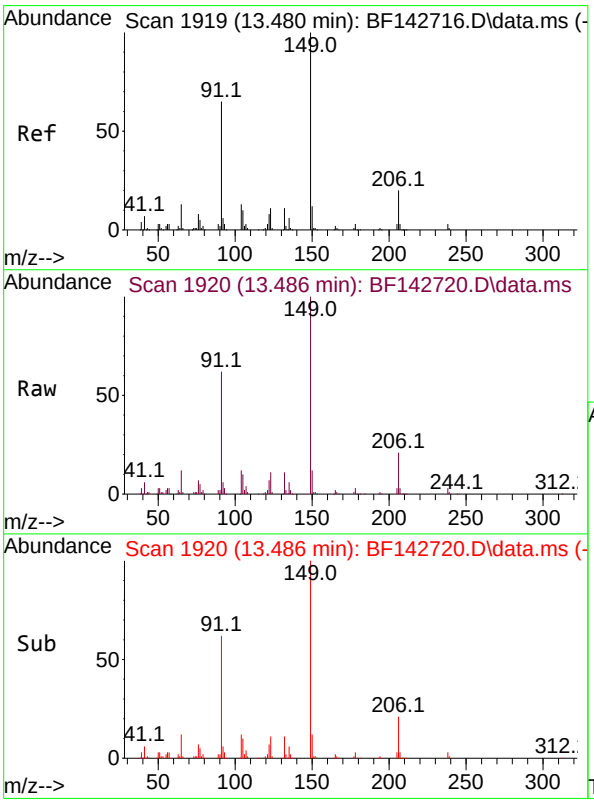
#79
Terphenyl-d14
Concen: 73.446 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

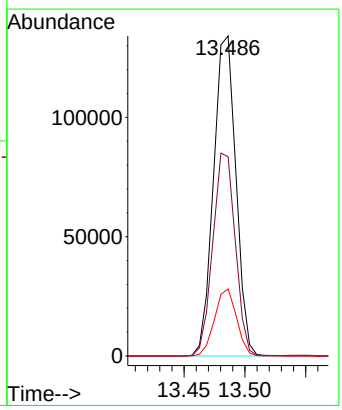


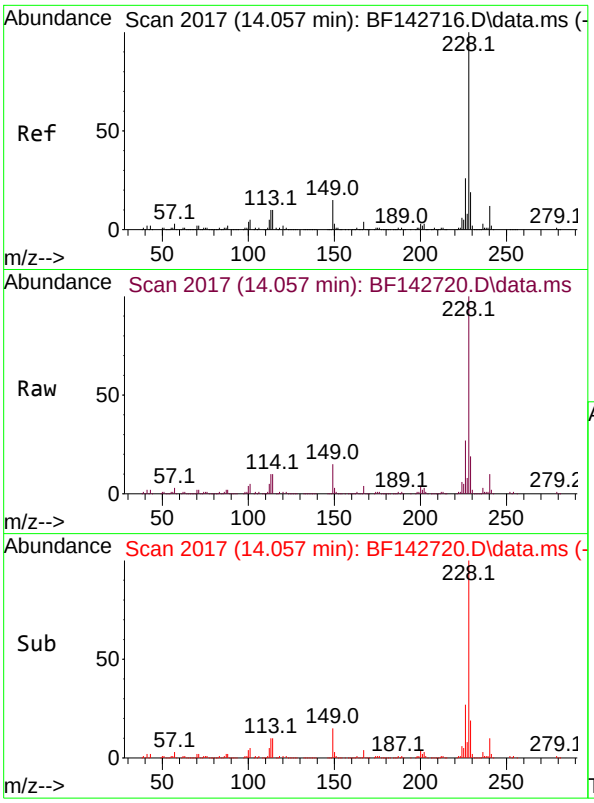


#80
Butylbenzylphthalate
Concen: 48.561 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



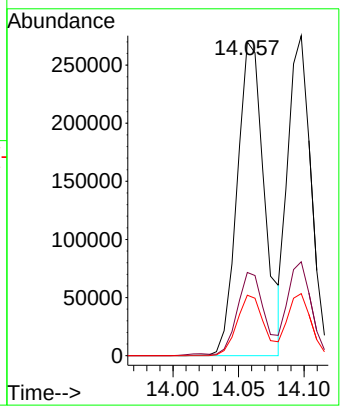


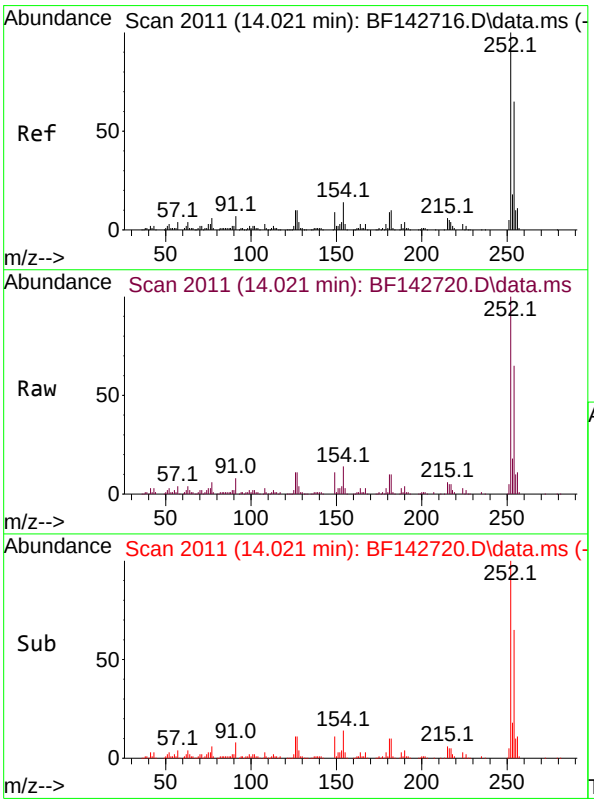
#81
Benzo(a)anthracene
Concen: 45.643 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

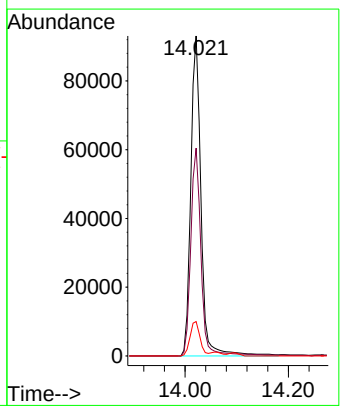


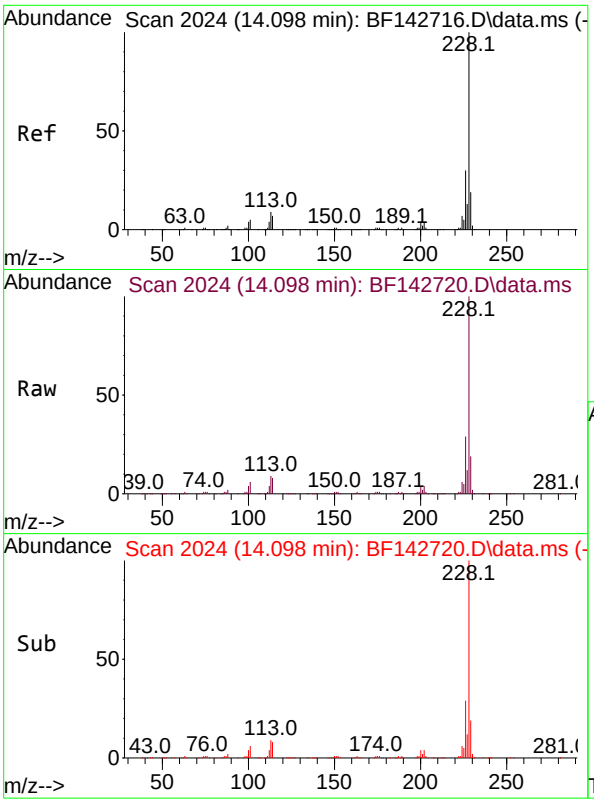


#82
3,3'-Dichlorobenzidine
Concen: 46.382 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



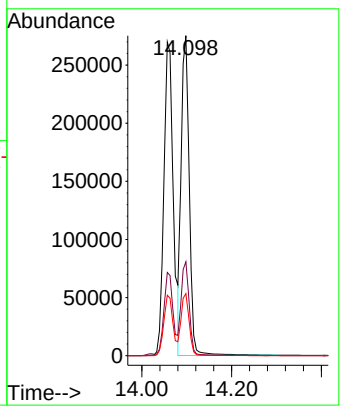


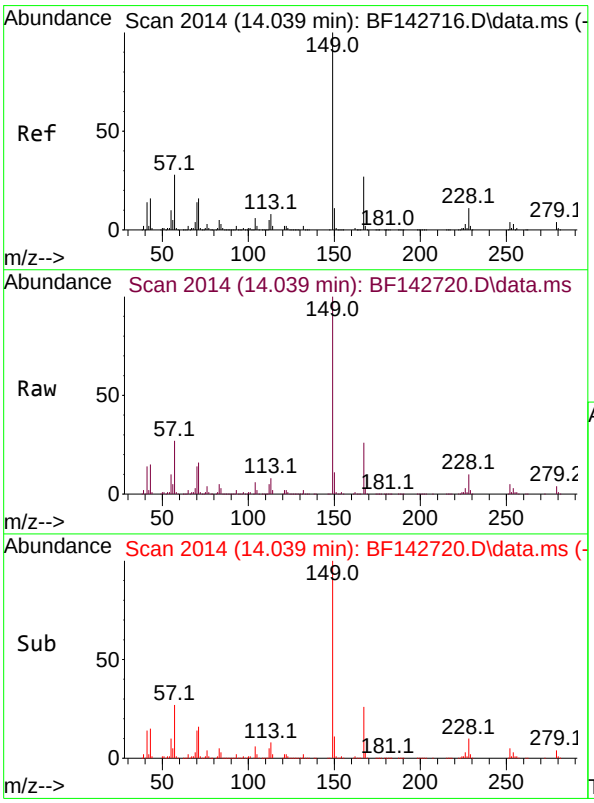
#83
Chrysene
Concen: 43.522 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

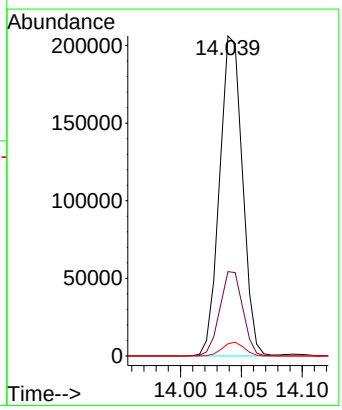


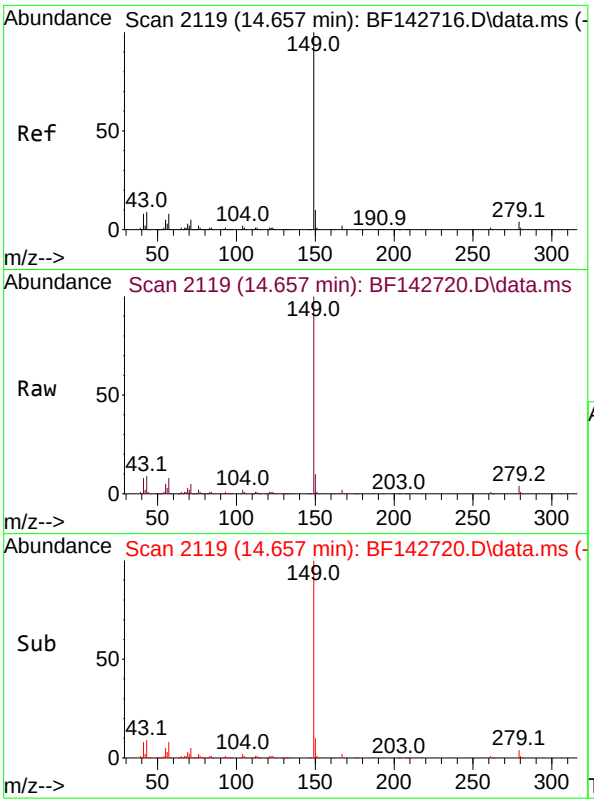


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.747 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



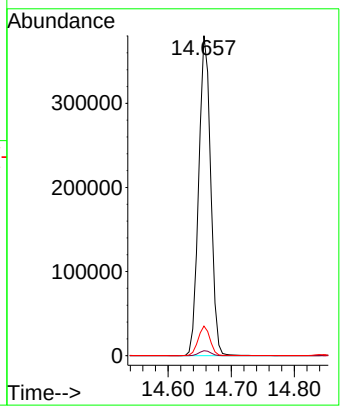


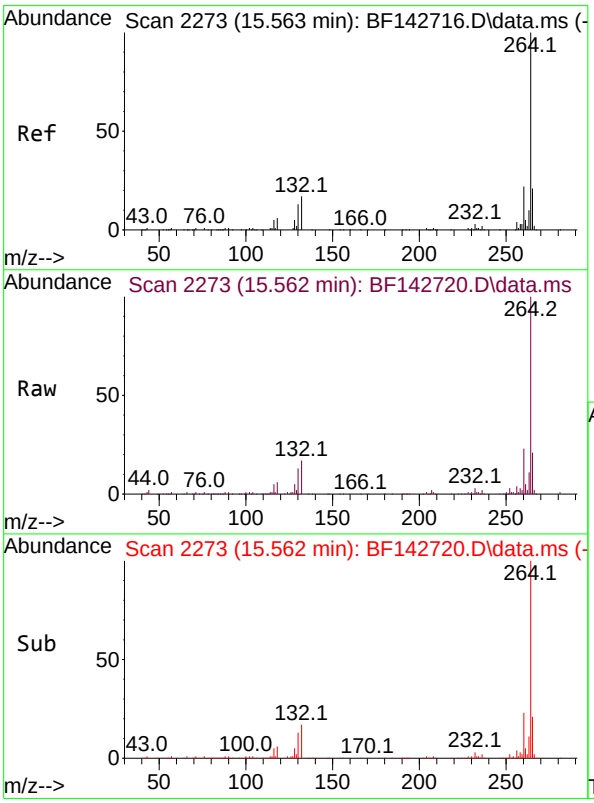
#85
Di-n-octyl phthalate
Concen: 49.022 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

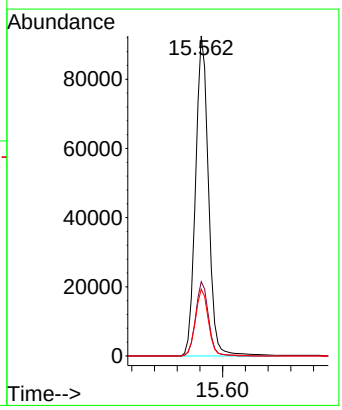


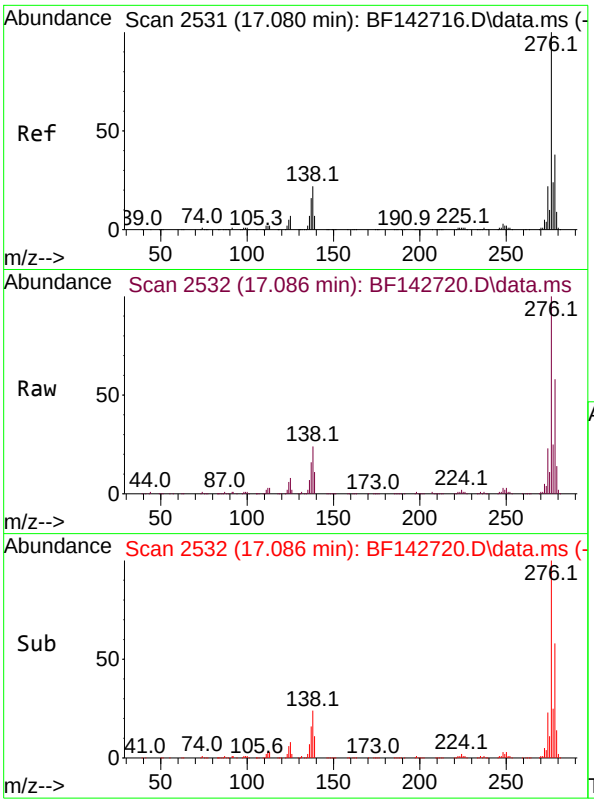


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



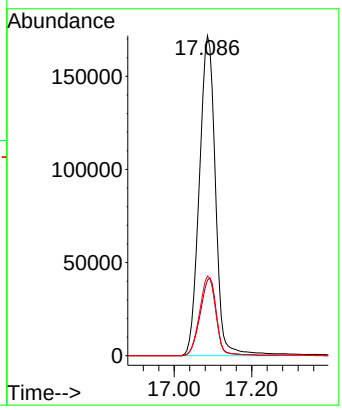


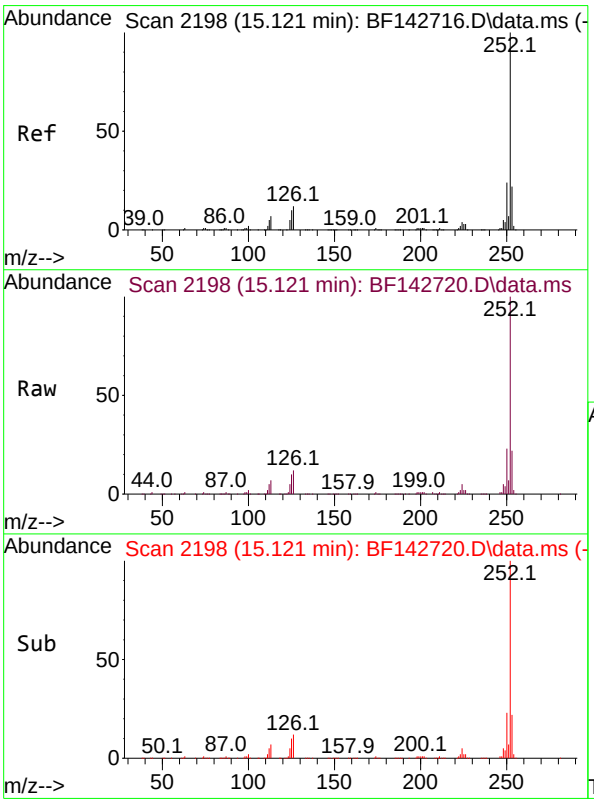
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.483 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

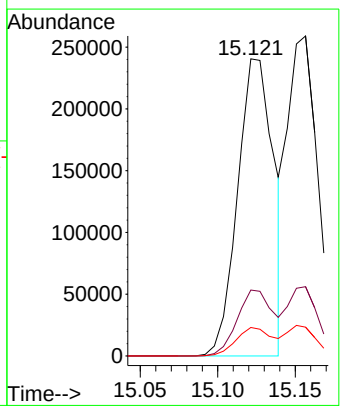


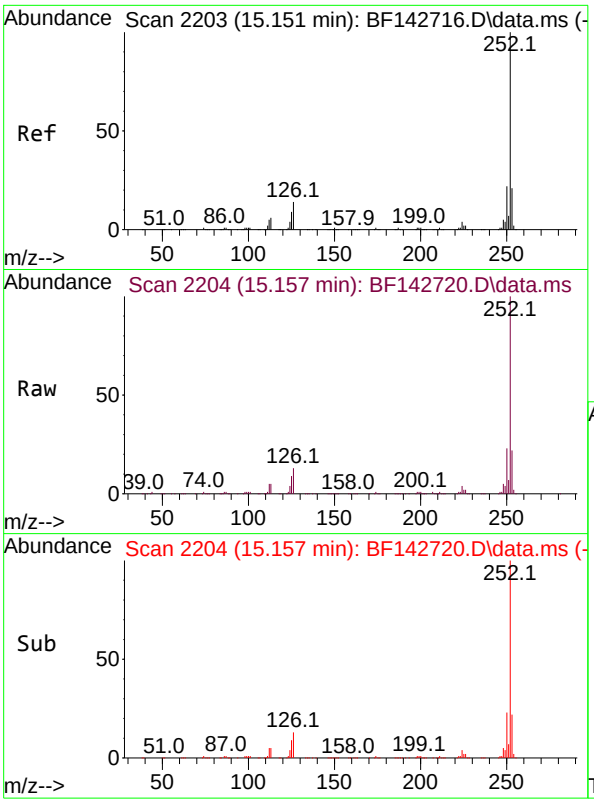


#88
Benzo(b)fluoranthene
Concen: 45.005 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



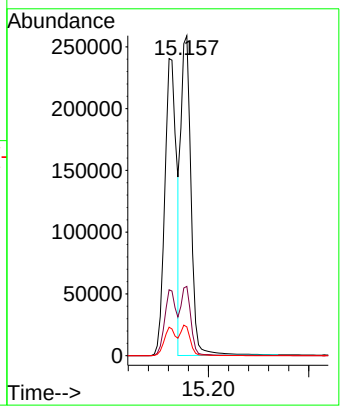


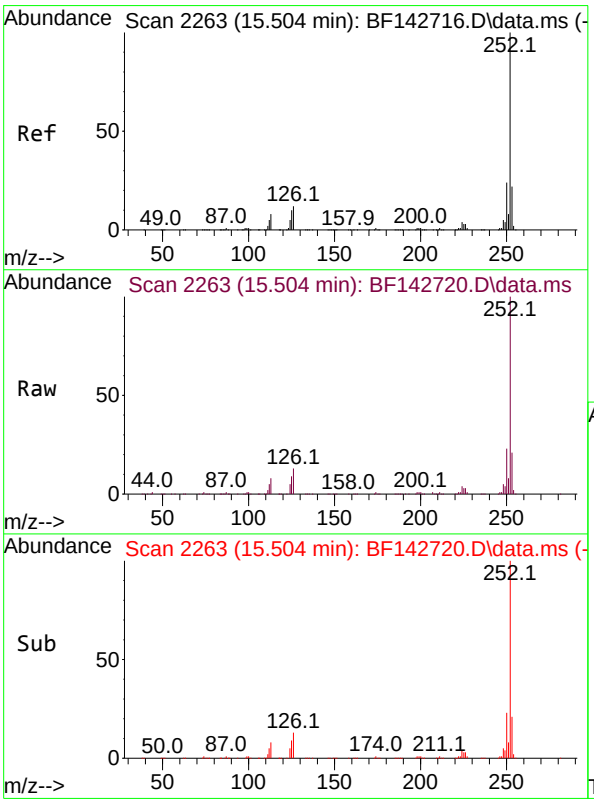
#89
Benzo(k)fluoranthene
Concen: 43.126 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

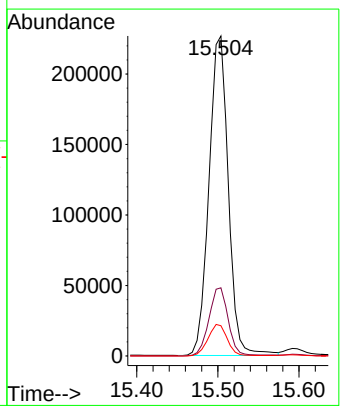


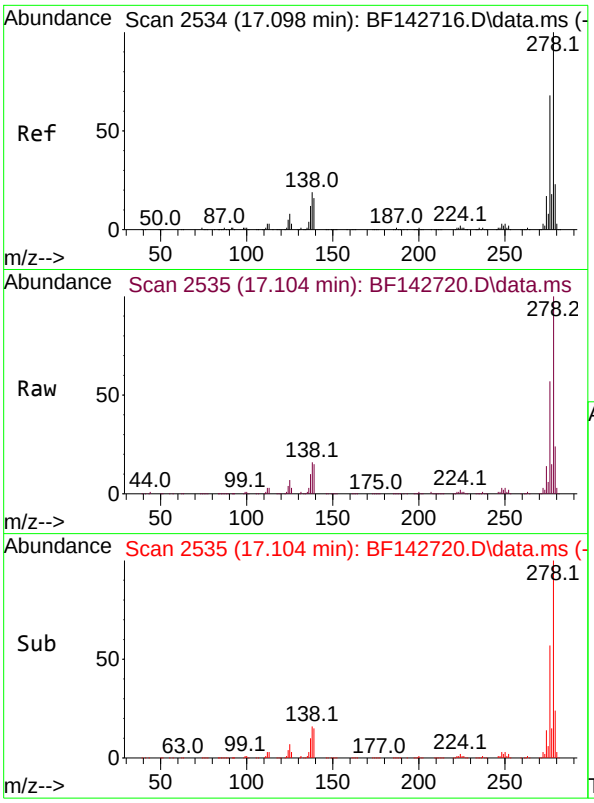


#90
Benzo(a)pyrene
Concen: 45.514 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



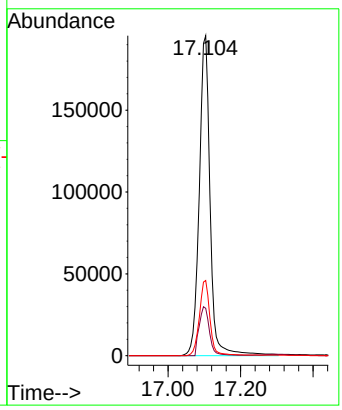


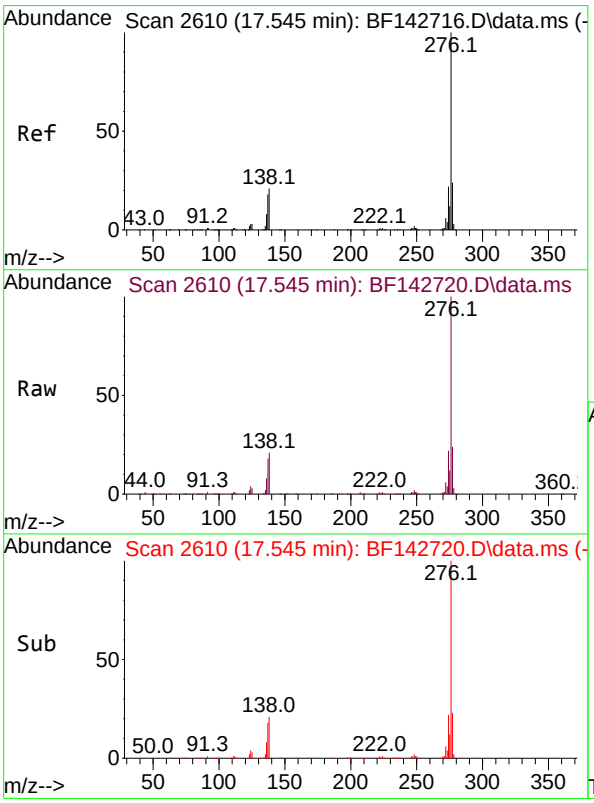
#91
Dibenzo(a,h)anthracene
Concen: 45.694 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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

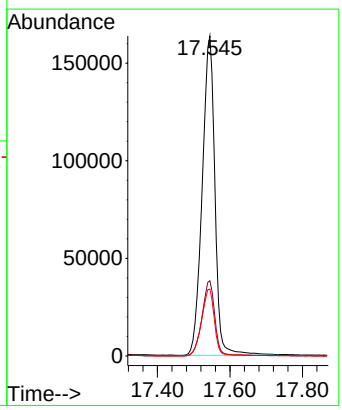




#92
Benzo(g,h,i)perylene
Concen: 45.103 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

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



Evaluate Continuing Calibration Report

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)
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

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)
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

Evaluate Continuing Calibration Report

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	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

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	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

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	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_P Calibration Date(s): 06/06/2025 06/06/2025

Calibration Time(s): 10:30 15:18

LAB FILE ID: RRF2.5 = BP024860.D RRF005 = BP024861.D RRF010 = BP024862.D
RRF020 = BP024863.D RRF040 = BP024864.D RRF050 = BP024865.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.198	4.9
Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.585	4.5
Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.412	4.9
Naphthalene		1.071	1.022	1.044	0.989	1.079	1.025	4.9
2-Methylnaphthalene		0.659	0.638	0.659	0.633	0.696	0.650	4.5
2-Fluorobiphenyl		1.542	1.507	1.517	1.390	1.563	1.485	4.4
2,4,6-Tribromophenol		0.256	0.264	0.279	0.267	0.298	0.277	5.3
Terphenyl-d14		1.178	1.073	1.146	1.089	1.164	1.116	4.6

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3)		Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4)		n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5)	S	2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6)		Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7)	S	Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8)		2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9)		Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10)	C	Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11)		bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12)		1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13)	C	1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14)		1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15)		Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16)		2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17)		2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18)		Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19)	P	n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20)		3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23)	S	Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24)		Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25)		Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26)	C	2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27)		2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28)		bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29)	C	2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30)		1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31)		Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32)		Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33)		4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34)	C	Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35)		Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36)	C	4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37)		2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38)		1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

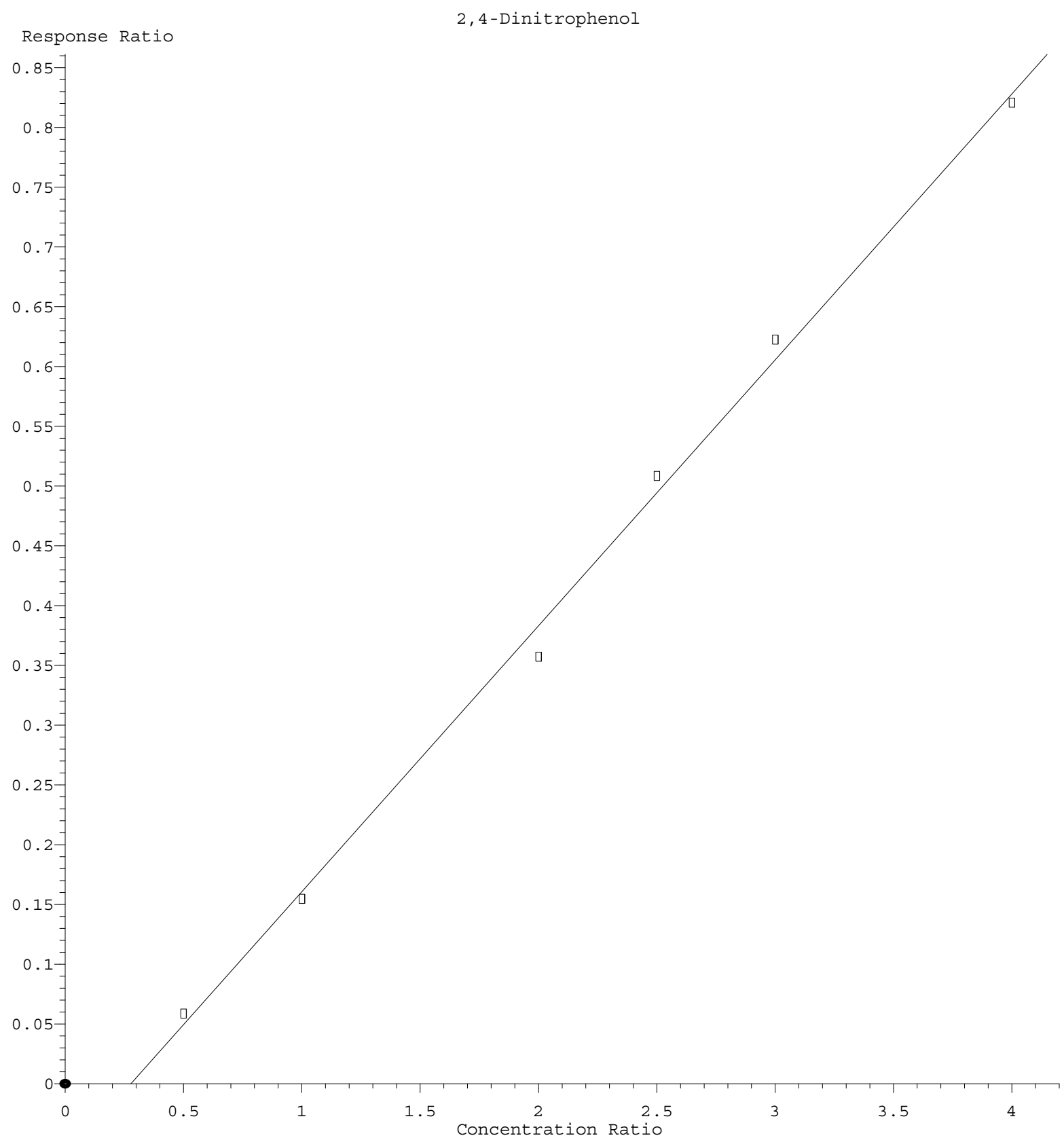
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31
41)	P	Hexachlorocycl...		0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74
42)	S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26
43)	C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86
44)		2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44
45)	S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44
46)		1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05
47)		2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16
48)		2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59
49)		Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19
50)		Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45
51)		2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86
52)	C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86
53)		3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74
54)	P	2,4-Dinitrophenol		0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23
55)		Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22
56)	P	4-Nitrophenol		0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62
57)		2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45
58)		Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77
59)		2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04
60)		Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27
61)		4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06
62)		4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69
63)		Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78
66)	c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68
67)		4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83
68)		Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31
69)		Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16
70)	C	Pentachlorophenol		0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21
71)		Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12
72)		Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58
73)		Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83
74)		Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81
75)	C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54
78)		Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41
79)	S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57
80)		Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74
81)		Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73
82)		3,3'-Dichlorob...		0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29
83)		Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13
84)		Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87
85)	c	Di-n-octyl pht...		1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25

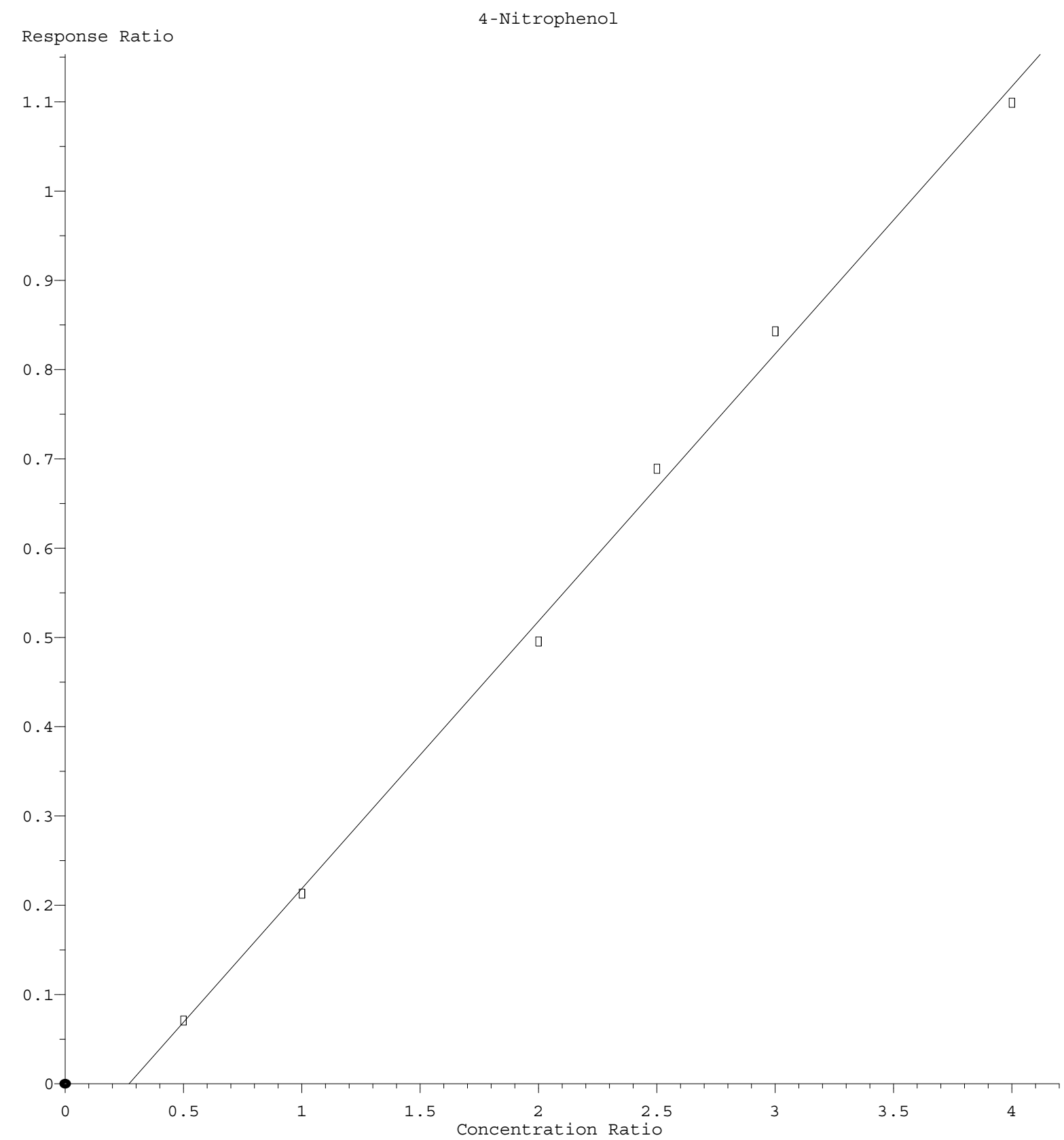
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)		Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)		Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90)	C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)		Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)		Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range



Response = 2.226e-001 * Amt - 6.192e-002
Coef of Det (r^2) = 0.996780 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP060625.M
Calibration Table Last Updated: Fri Jun 06 16:20:27 2025



Response = 2.997e-001 * Amt - 8.106e-002
Coef of Det (r^2) = 0.997389 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP060625.M
Calibration Table Last Updated: Fri Jun 06 16:20:27 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024860.D
Acq On : 06 Jun 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	221050	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	909156	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	579004	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1181298	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1353951	20.000	ng	0.00
86) Perylene-d12	24.724	264	1640185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.413	70	27187	2.282	ng	98

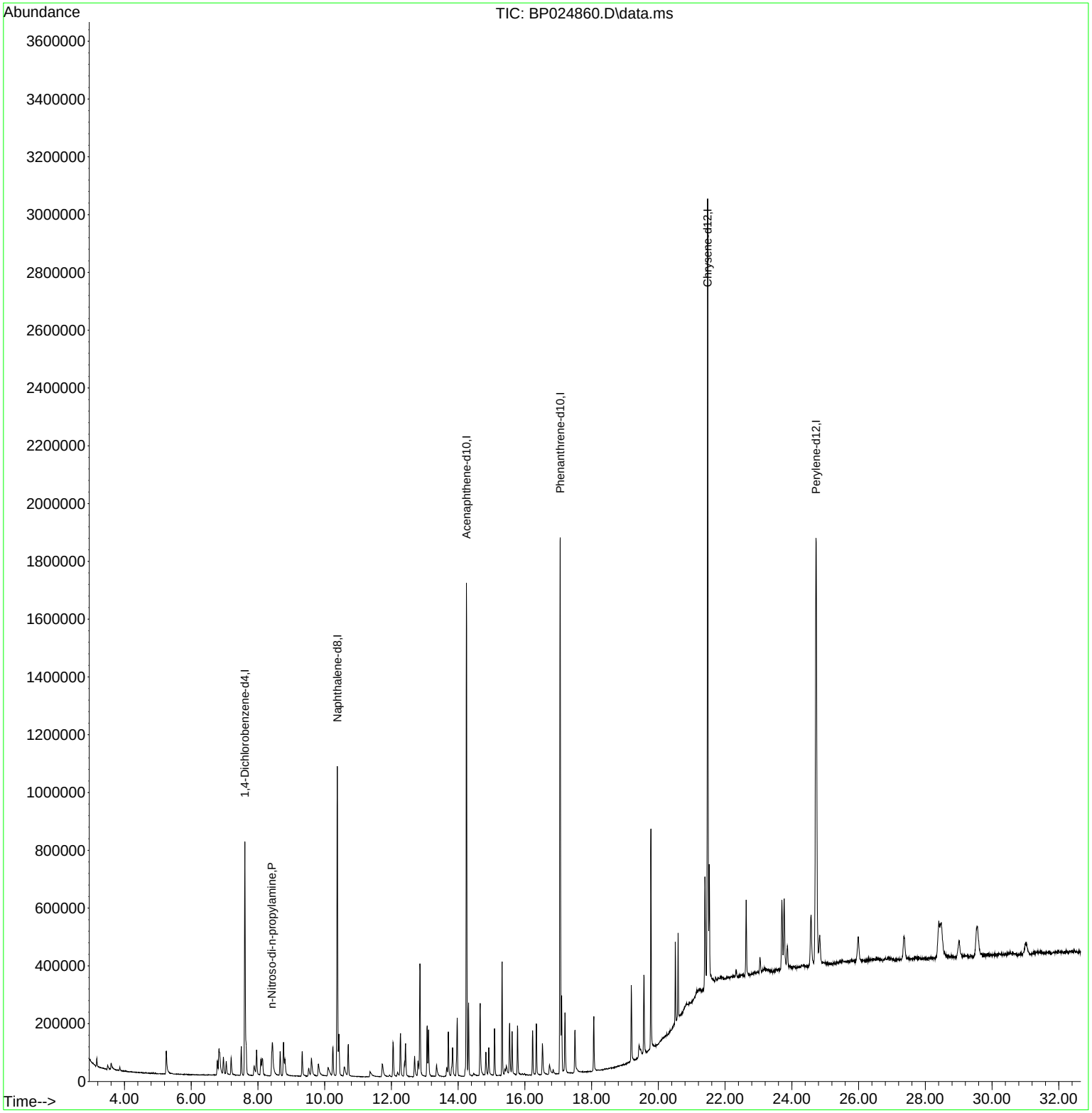
(#) = qualifier out of range (m) = manual integration (+) = signals summed

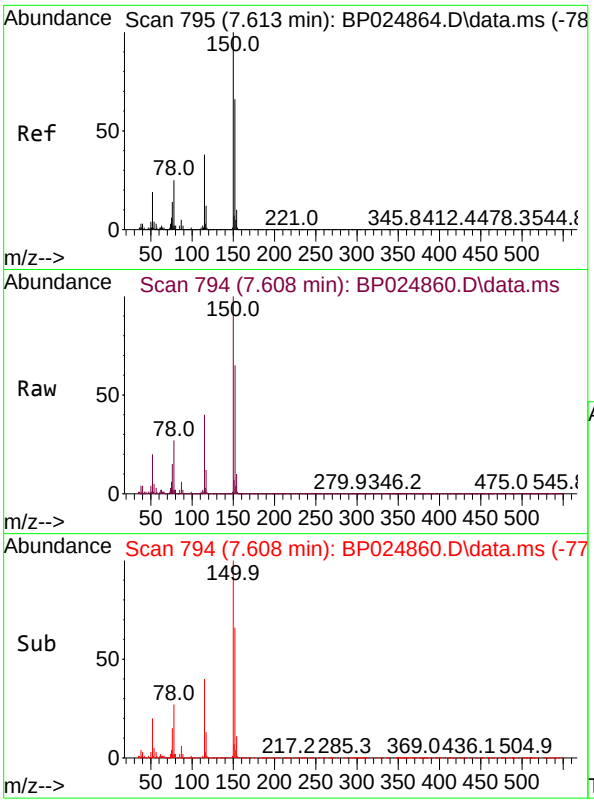
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024860.D
Acq On : 06 Jun 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration



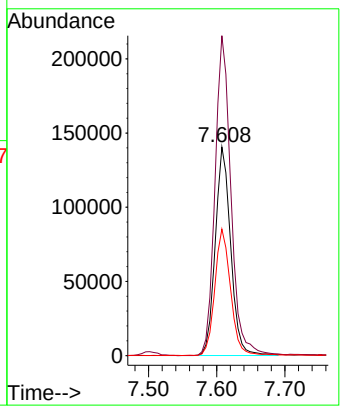


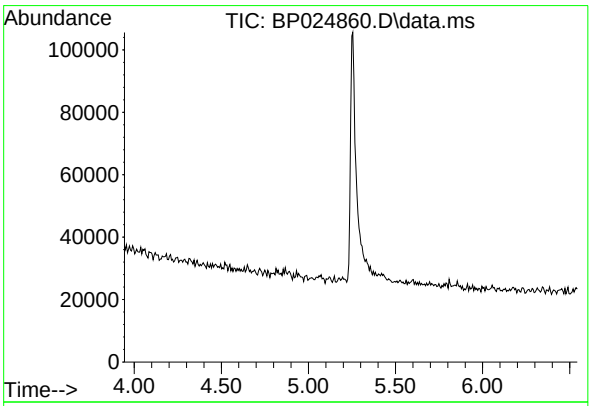
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 221050

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.1	183.1
115	60.6	46.4	69.6



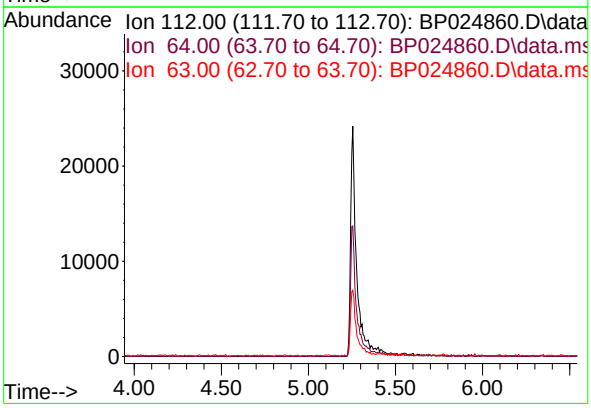


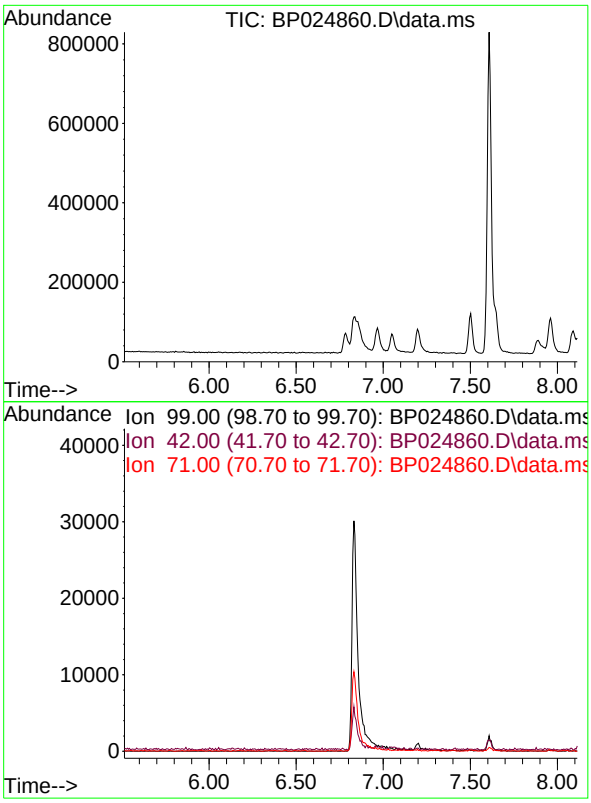
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.24 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.9
63	29.4





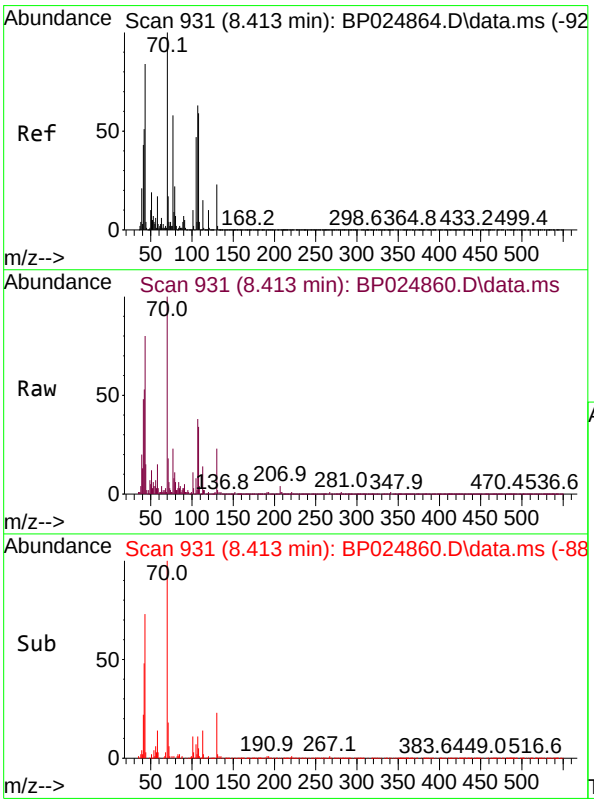
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.81 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

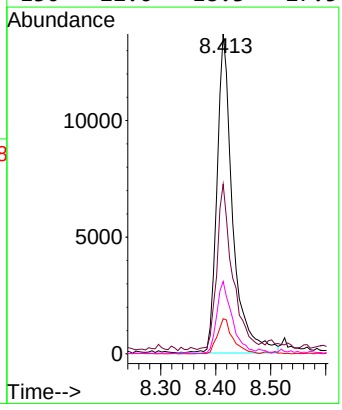
Sig	Exp Ratio
99	100
42	16.8
71	34.5

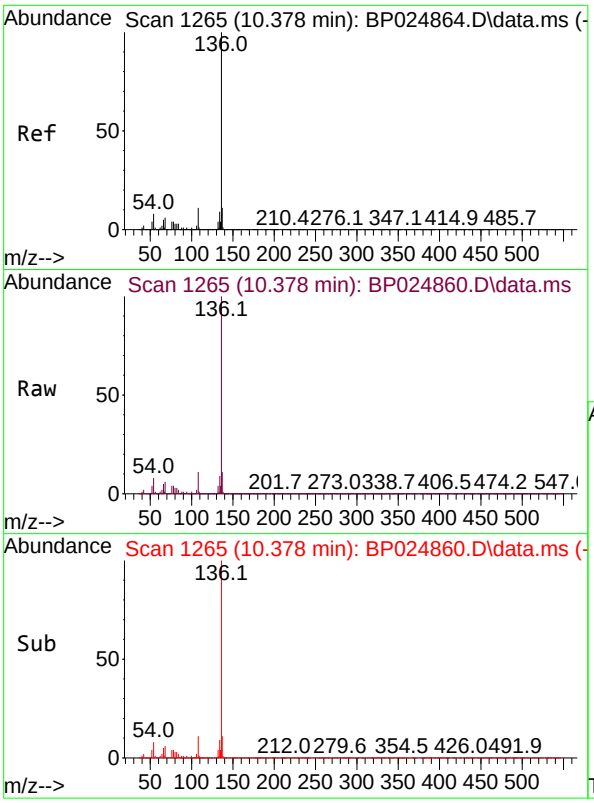


#19
n-Nitroso-di-n-propylamine
Concen: 2.282 ng
RT: 8.413 min Scan# 931
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 70 Resp: 27187

Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.2	61.8
101	11.0	8.3	12.5
130	22.6	18.3	27.5



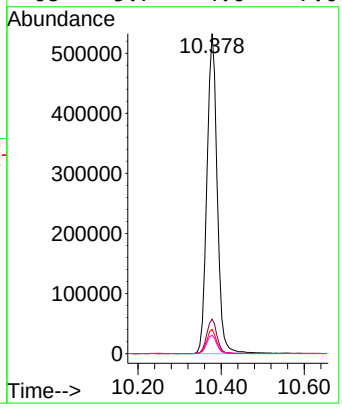


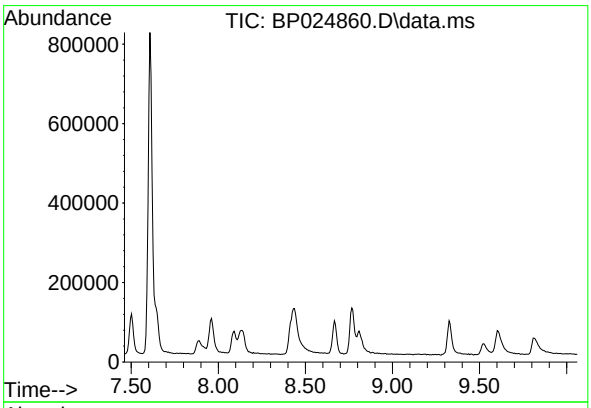
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 909156

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.1	9.1
68	5.7	4.6	7.0



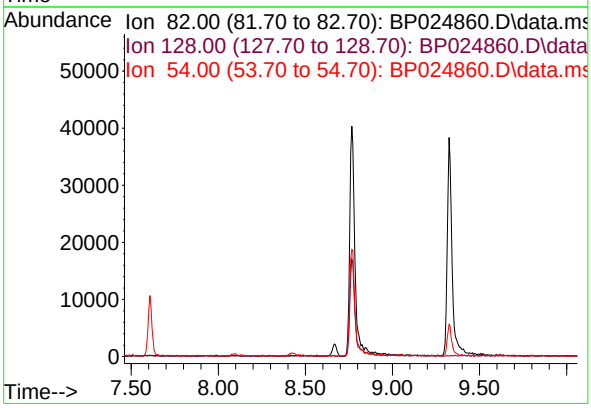


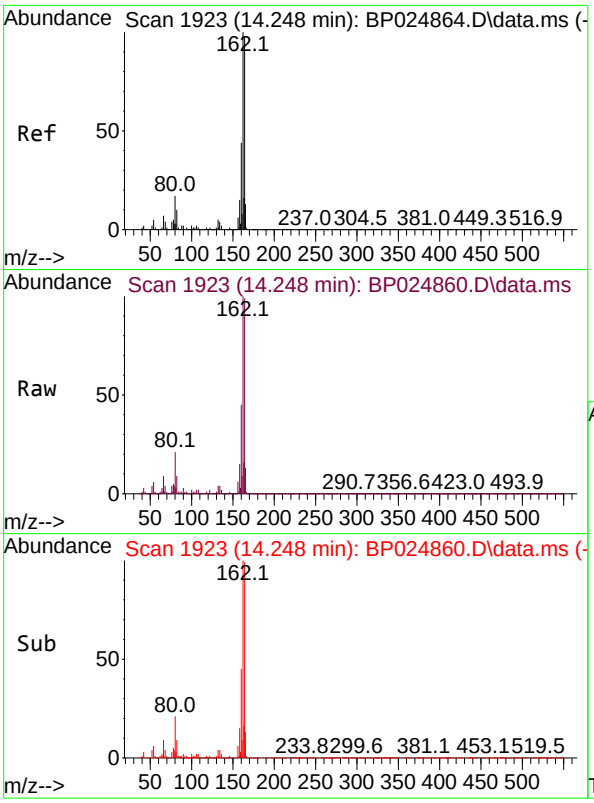
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.76 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.1
54	46.7



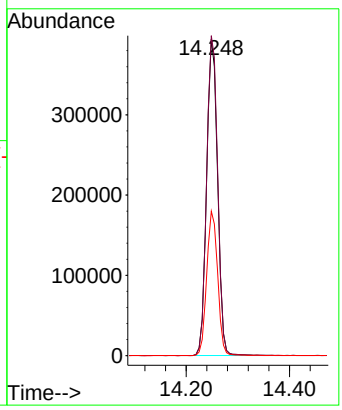


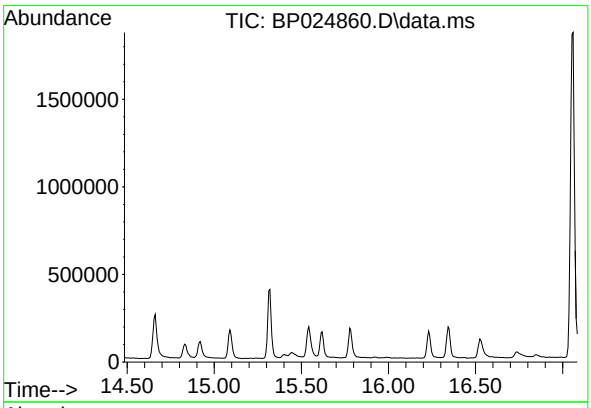
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 579004

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	45.6	36.2	54.2



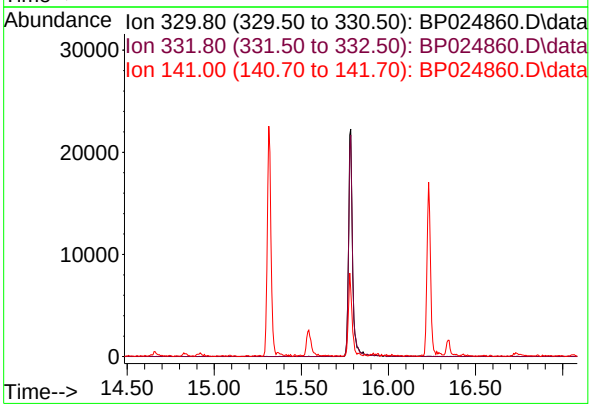


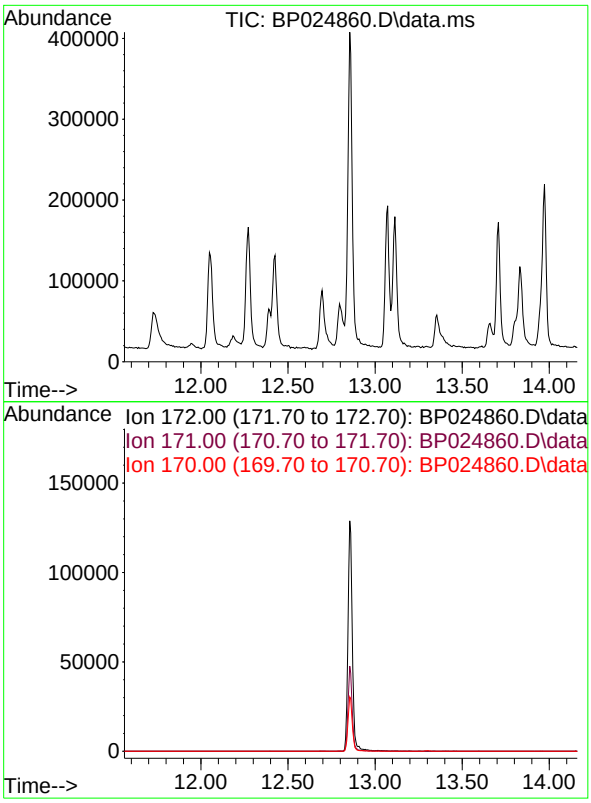
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.78 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	33.0





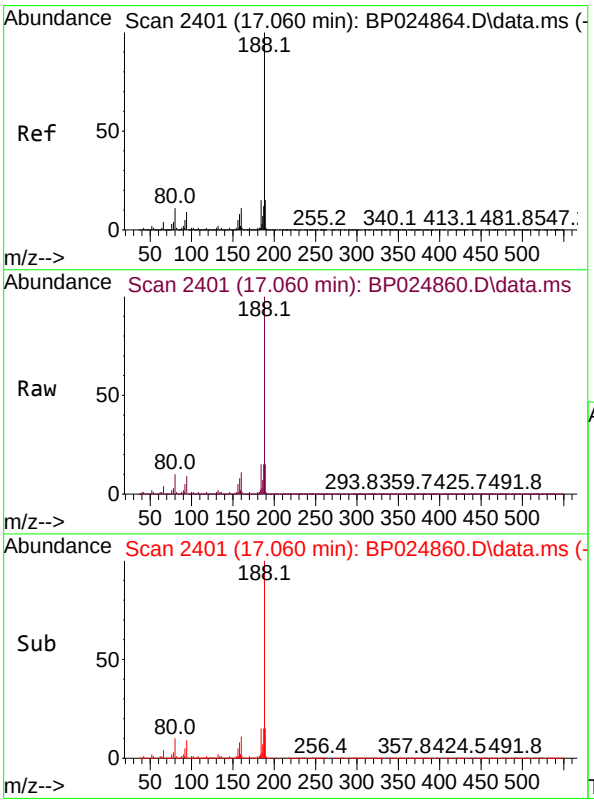
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.86 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

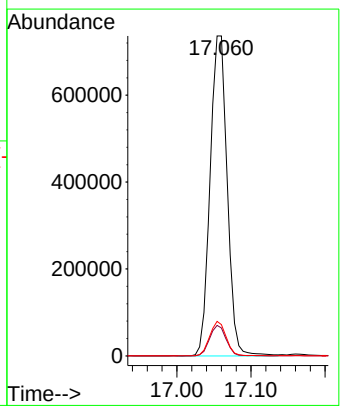
Sig	Exp Ratio
172	100
171	35.4
170	23.7

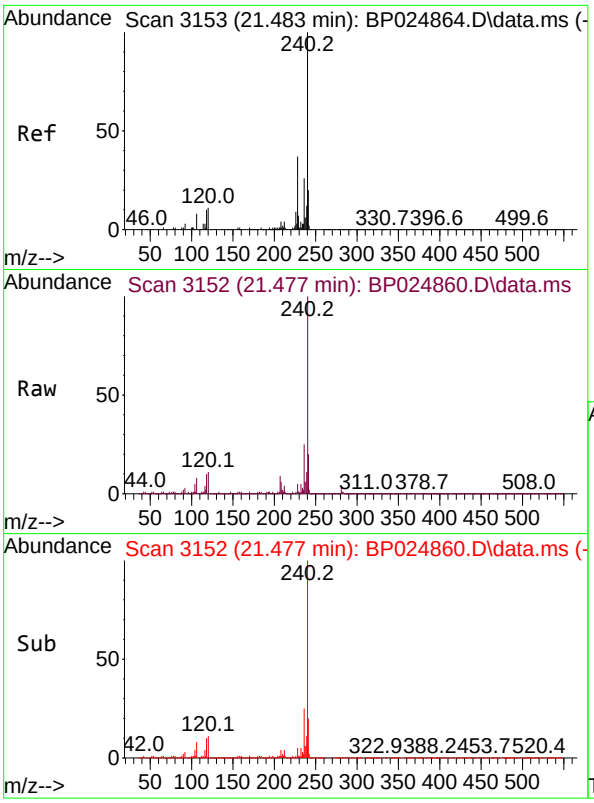


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion:188 Resp: 1181298

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.8	8.5	12.7



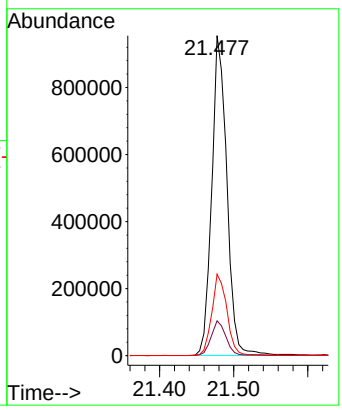


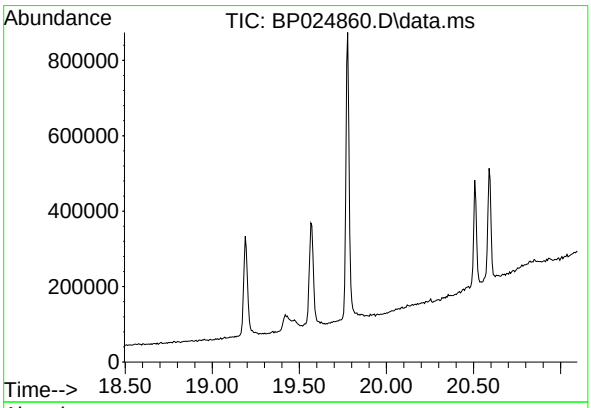
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1353951

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.4	20.9	31.3



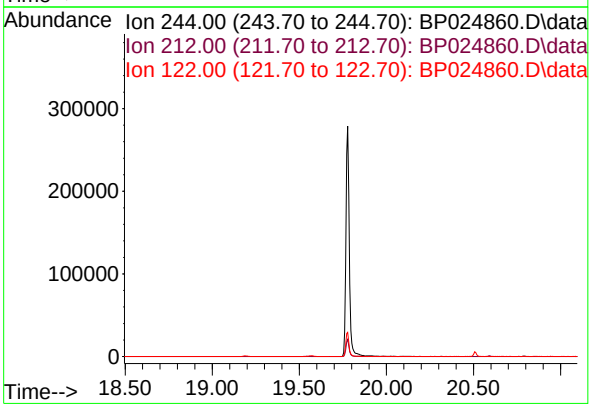


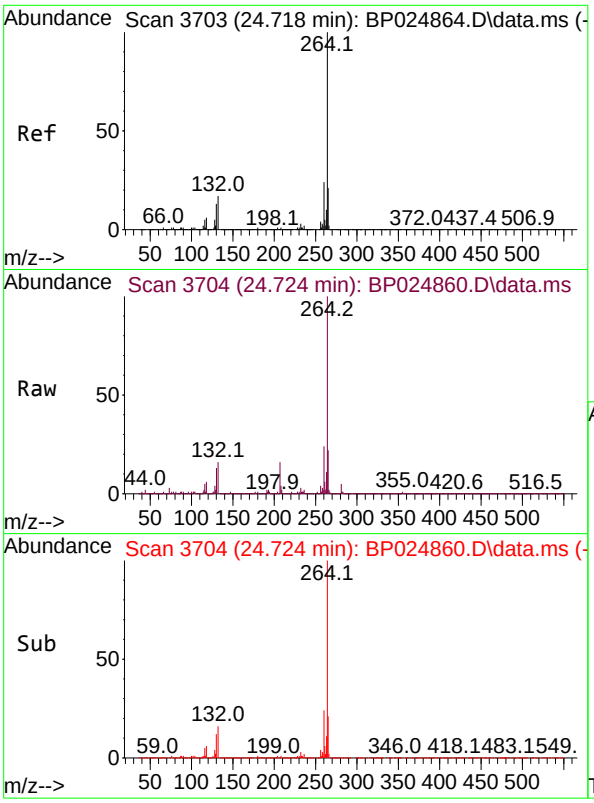
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.80 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	9.6



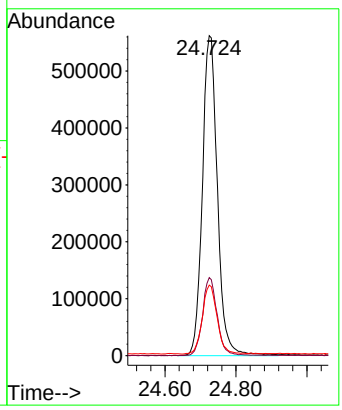


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1640185

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.0	17.4	26.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024861.D
Acq On : 06 Jun 2025 11:11
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	200188	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	863187	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	567242	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1134887	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1194011	20.000	ng	0.00
86) Perylene-d12	24.724	264	1376894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	112787	9.404	ng	0.00
7) Phenol-d6	6.831	99	150891	9.509	ng	0.02
23) Nitrobenzene-d5	8.760	82	175740	9.893	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	72727	9.274	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	437483	10.390	ng	0.00
79) Terphenyl-d14	19.778	244	703502	10.560	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	28220	5.348	ng	99
3) Pyridine	3.590	79	57580	4.537	ng	90
6) Aniline	6.961	93	95932	4.737	ng	99
8) 2-Chlorophenol	7.196	128	66850	4.917	ng	98
10) Phenol	6.855	94	78090	4.774	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	61139	4.752	ng	97
12) 1,3-Dichlorobenzene	7.502	146	78560	5.180	ng	99
13) 1,4-Dichlorobenzene	7.643	146	79892	5.221	ng	99
14) 1,2-Dichlorobenzene	7.960	146	76524	5.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.137	45	87492	5.196	ng	93
17) 2-Methylphenol	8.084	107	52716	4.615	ng	98
18) Hexachloroethane	8.672	117	29571	5.132	ng	94
19) n-Nitroso-di-n-propyla...	8.413	70	55096	5.108	ng	97
22) Acetophenone	8.437	105	109271	5.010	ng	96
24) Nitrobenzene	8.808	77	79033	5.008	ng	96
25) Isophorone	9.325	82	151837	4.932	ng	99
26) 2-Nitrophenol	9.519	139	33214	4.266	ng	94
27) 2,4-Dimethylphenol	9.596	122	63419	4.759	ng	94
28) bis(2-Chloroethoxy)met...	9.807	93	89295	4.862	ng	96
29) 2,4-Dichlorophenol	10.090	162	53164	4.158	ng	95
30) 1,2,4-Trichlorobenzene	10.249	180	72373	5.018	ng	99
31) Naphthalene	10.425	128	231024	5.223	ng	98
33) 4-Chloroaniline	10.572	127	85657	4.622	ng	99
34) Hexachlorobutadiene	10.707	225	43845	5.044	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	67386	4.569	ng	99
37) 2-Methylnaphthalene	12.049	142	142250	5.070	ng	98
38) 1-Methylnaphthalene	12.266	142	155333	5.178	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	80613	5.008	ng	99
43) 2,4,6-Trichlorophenol	12.690	196	48501	4.487	ng	97
44) 2,4,5-Trichlorophenol	12.796	196	49421	4.269	ng	97
46) 1,1'-Biphenyl	13.072	154	209483	5.082	ng	96
47) 2-Chloronaphthalene	13.113	162	159251	5.026	ng	99
48) 2-Nitroaniline	13.348	65	40981	4.207	ng	99
49) Acenaphthylene	13.972	152	266639	5.047	ng	99
50) Dimethylphthalate	13.713	163	214893	5.136	ng	99
51) 2,6-Dinitrotoluene	13.831	165	42335	4.693	ng	93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024861.D
Acq On : 06 Jun 2025 11:11
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jun 06 15:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.313	154	156832	5.181	ng		96
53) 3-Nitroaniline	14.190	138	37288	3.983	ng	#	90
55) Dibenzofuran	14.660	168	257371	5.297	ng		100
57) 2,4-Dinitrotoluene	14.648	165	55352	4.387	ng	#	87
58) Fluorene	15.319	166	203802	5.192	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	48686m	4.699	ng		
60) Diethylphthalate	15.090	149	212883	5.105	ng		98
61) 4-Chlorophenyl-phenyle...	15.319	204	100846	5.254	ng		97
62) 4-Nitroaniline	15.378	138	33952m	3.998	ng		
63) Azobenzene	15.619	77	190856	4.990	ng		99
66) n-Nitrosodiphenylamine	15.537	169	177845	5.056	ng		100
67) 4-Bromophenyl-phenylether	16.231	248	63678	4.973	ng		99
68) Hexachlorobenzene	16.342	284	78966	5.087	ng		96
69) Atrazine	16.519	200	60321	4.730	ng		98
71) Phenanthrene	17.095	178	328431	5.237	ng		99
72) Anthracene	17.195	178	320305	5.043	ng		99
73) Carbazole	17.489	167	290344	4.932	ng		100
74) Di-n-butylphthalate	18.060	149	334086	4.580	ng		99
75) Fluoranthene	19.183	202	368810	5.074	ng		99
78) Pyrene	19.560	202	389995	5.228	ng		99
80) Butylbenzylphthalate	20.513	149	151685	4.439	ng		99
81) Benzo(a)anthracene	21.460	228	391774	5.130	ng		99
83) Chrysene	21.525	228	373726	5.165	ng		98
84) Bis(2-ethylhexyl)phtha...	21.389	149	213559	4.362	ng		98
87) Indeno(1,2,3-cd)pyrene	28.418	276	491160	4.889	ng	#	94
88) Benzo(b)fluoranthene	23.707	252	379596	4.817	ng		98
89) Benzo(k)fluoranthene	23.777	252	400877	4.998	ng		99
90) Benzo(a)pyrene	24.571	252	377184	4.901	ng		100
91) Dibenzo(a,h)anthracene	28.471	278	396286	4.846	ng		99
92) Benzo(g,h,i)perylene	29.559	276	403533	4.974	ng		98

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

ICAL Form

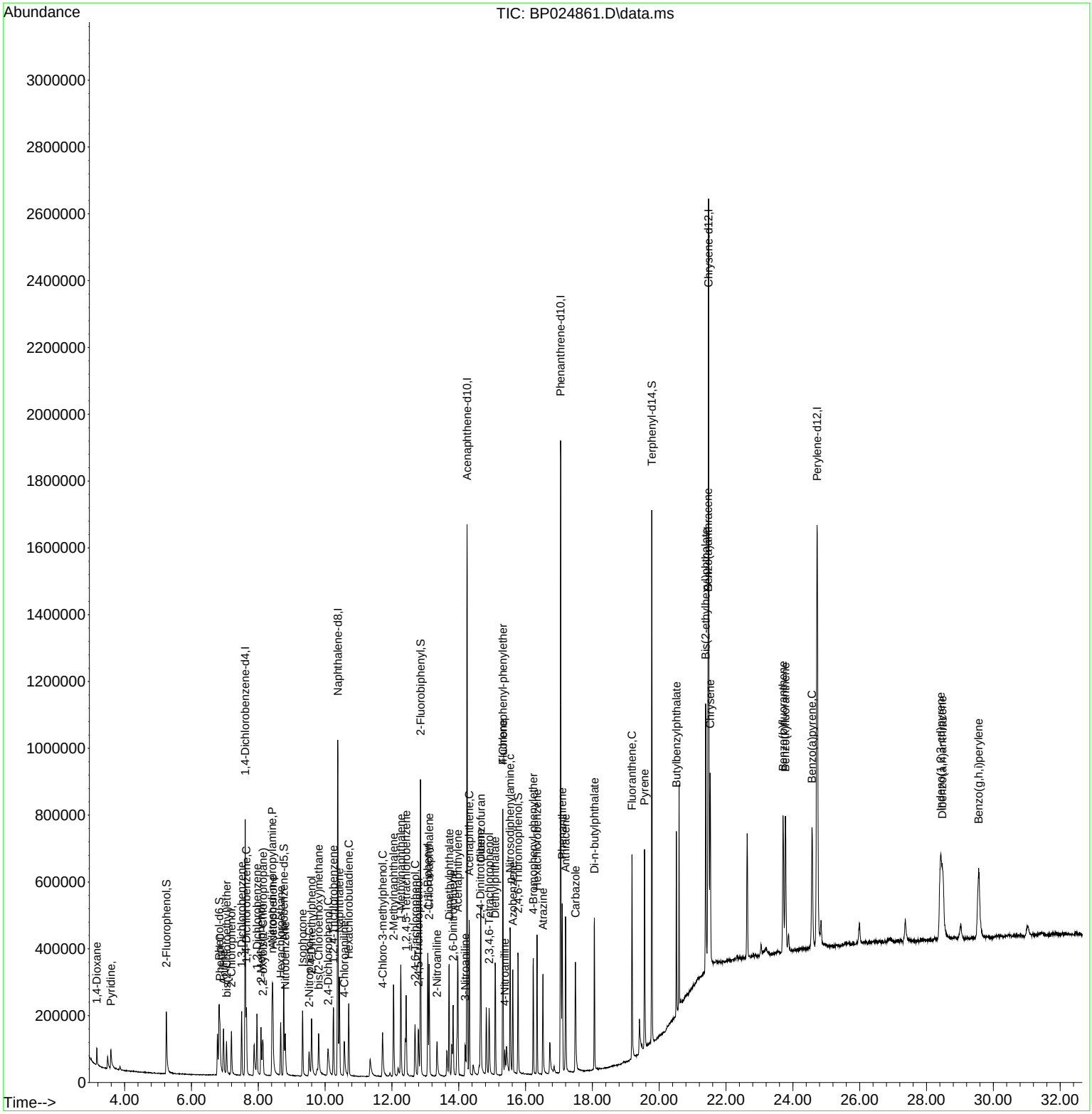
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024861.D
Acq On : 06 Jun 2025 11:11
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

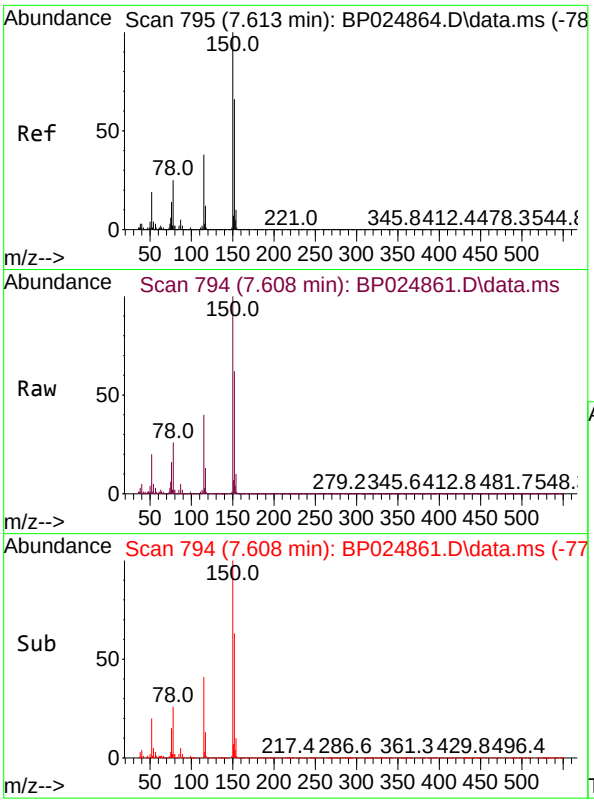
Quant Time: Jun 06 15:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

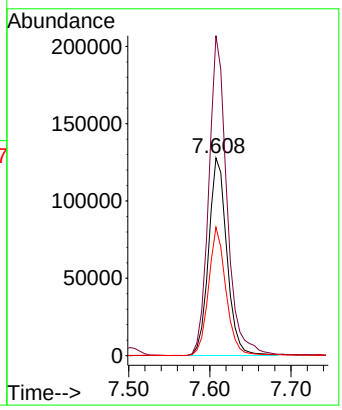




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:152 Resp: 20018

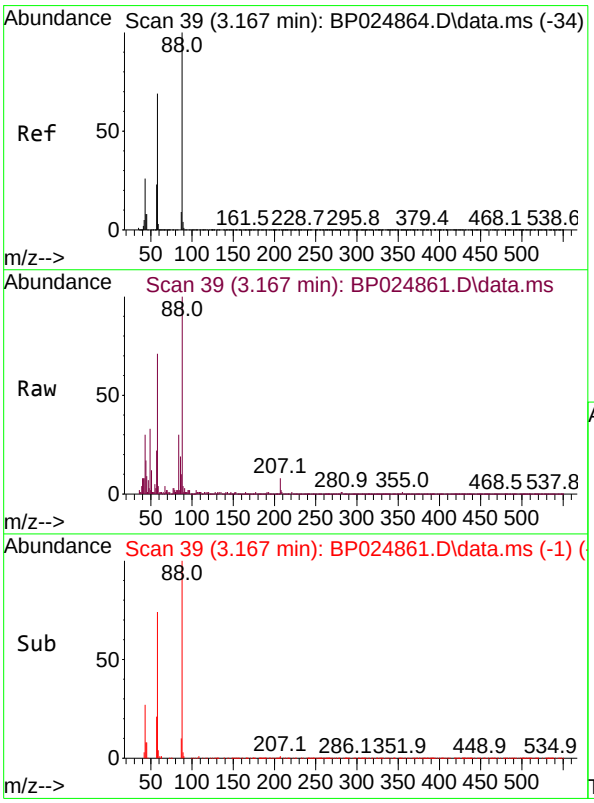
Ion	Ratio	Lower	Upper
152	100		
150	161.9	122.1	183.1
115	64.9	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

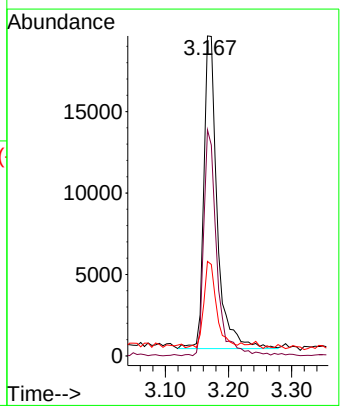
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

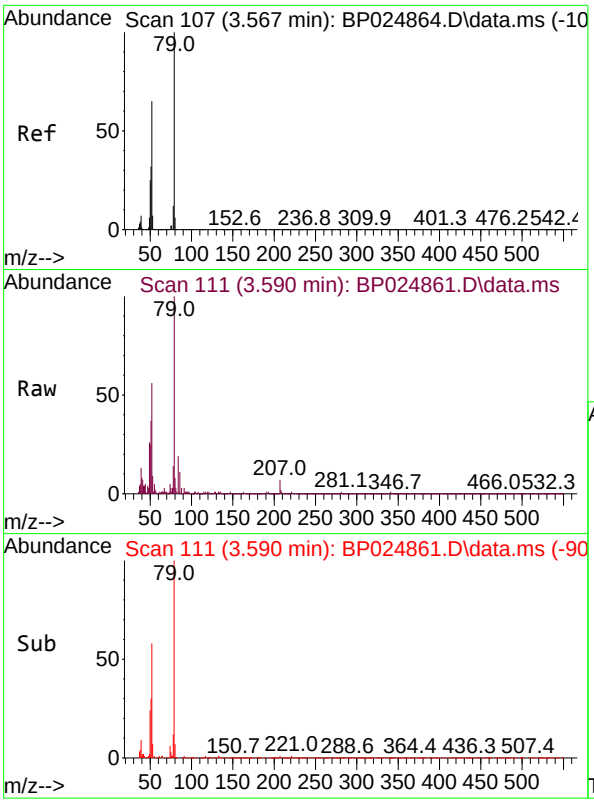


#2
1,4-Dioxane
Concen: 5.348 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 88 Resp: 28220

Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.4	83.0
43	25.7	20.8	31.2

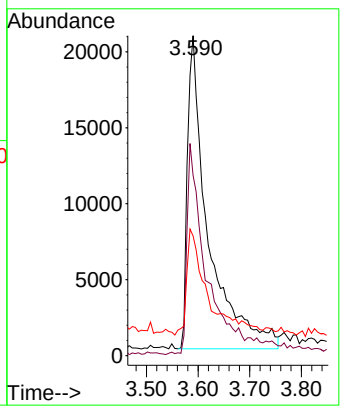




#3
Pyridine
Concen: 4.537 ng
RT: 3.590 min Scan# 11
Delta R.T. 0.024 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 79 Resp: 5758

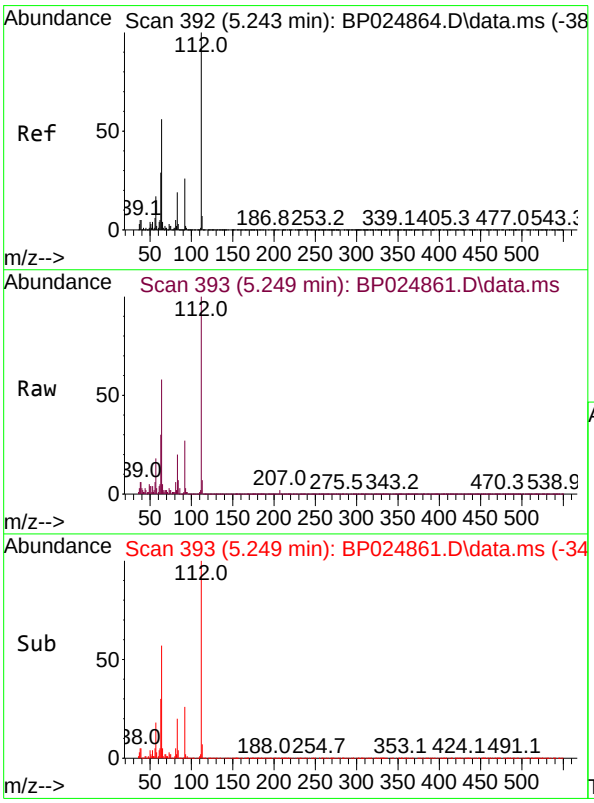
Ion	Ratio	Lower	Upper
79	100		
52	56.3	51.6	77.4
51	37.4	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

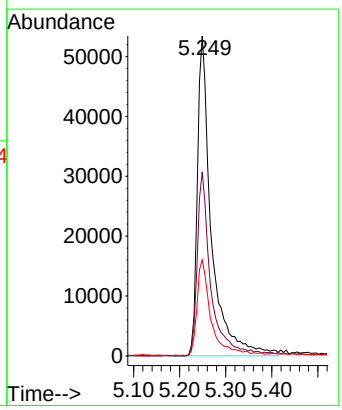
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

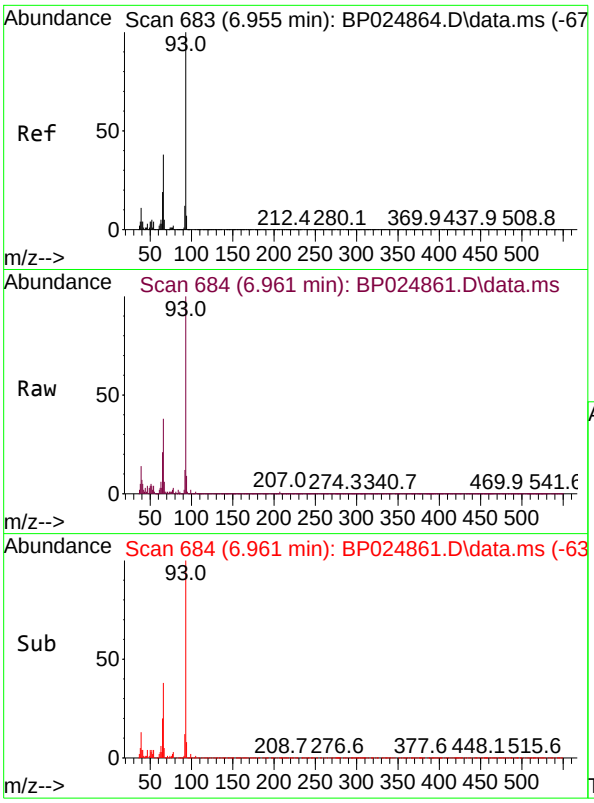


#5
2-Fluorophenol
Concen: 9.404 ng
RT: 5.249 min Scan# 393
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:112 Resp: 112787

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.7	67.1
63	30.0	23.5	35.3

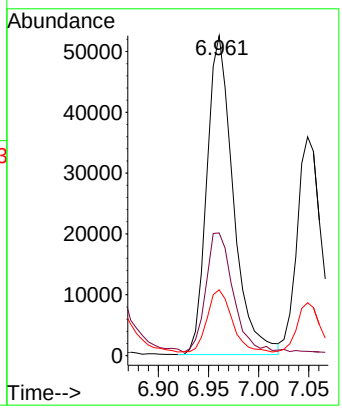




#6
Aniline
Concen: 4.737 ng
RT: 6.961 min Scan# 68
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 93 Resp: 9593

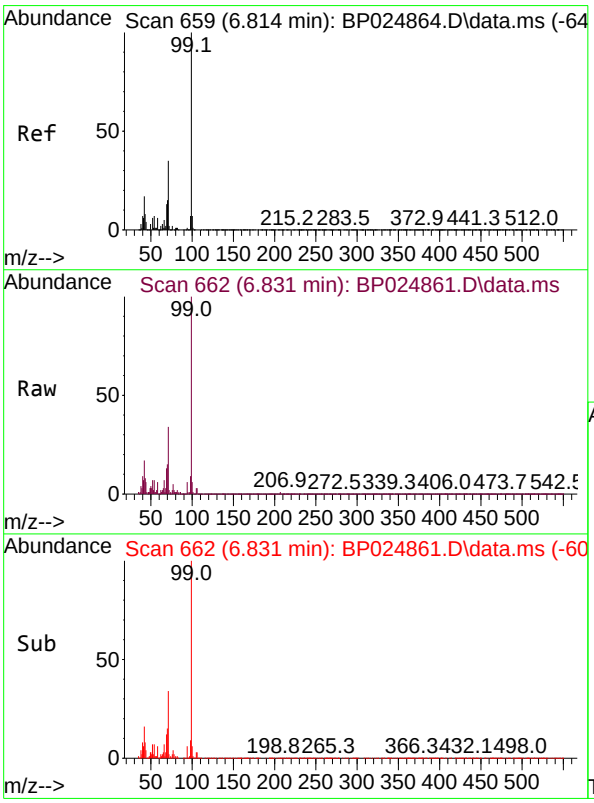
Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.9	46.3
65	20.6	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

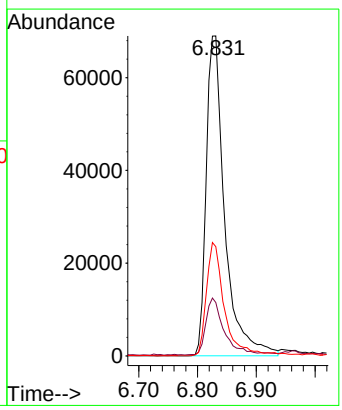
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

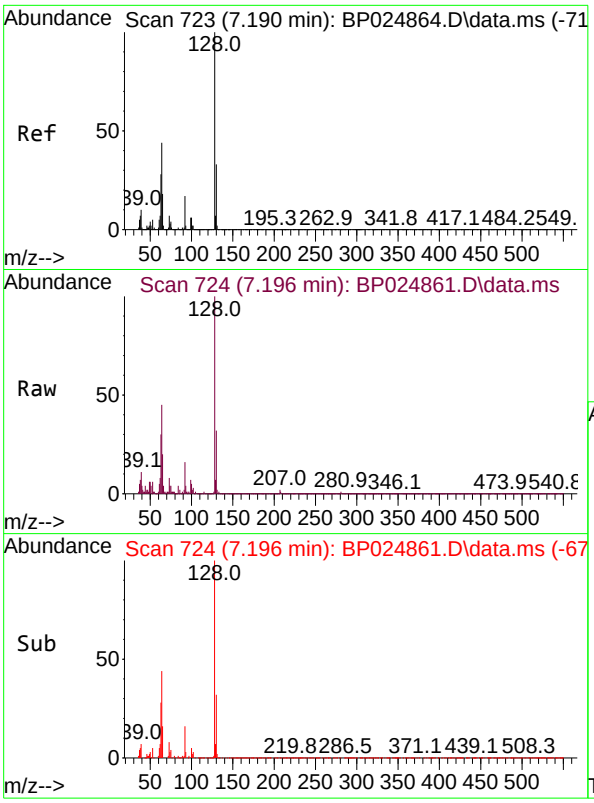


#7
Phenol-d6
Concen: 9.509 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 99 Resp: 150891

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.2
71	34.1	27.6	41.4

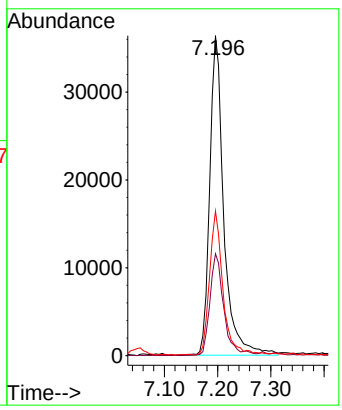




#8
2-Chlorophenol
Concen: 4.917 ng
RT: 7.196 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:128 Resp: 6685

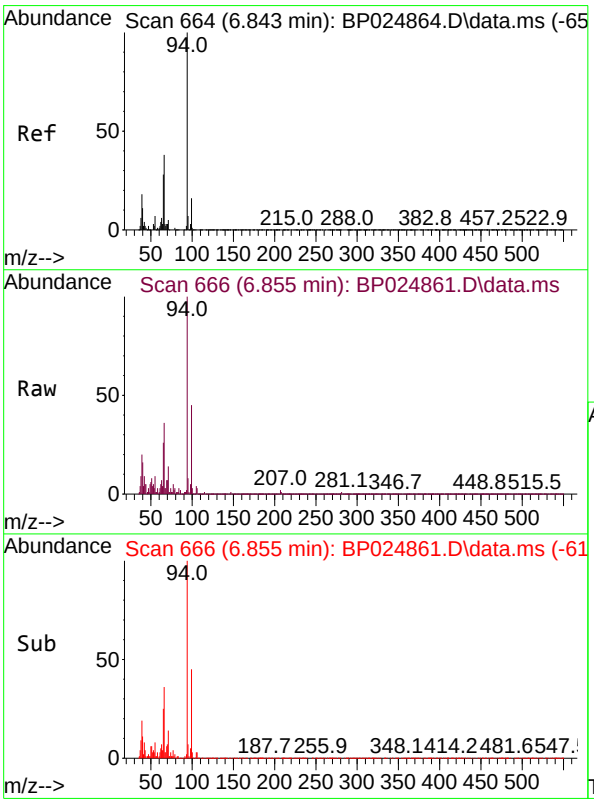
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	45.2	24.1	64.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

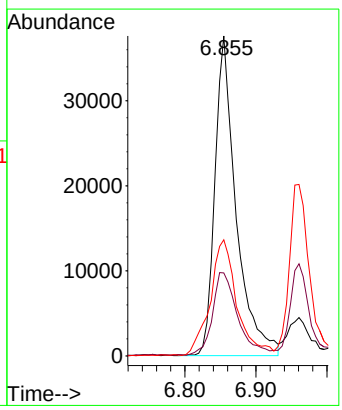
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

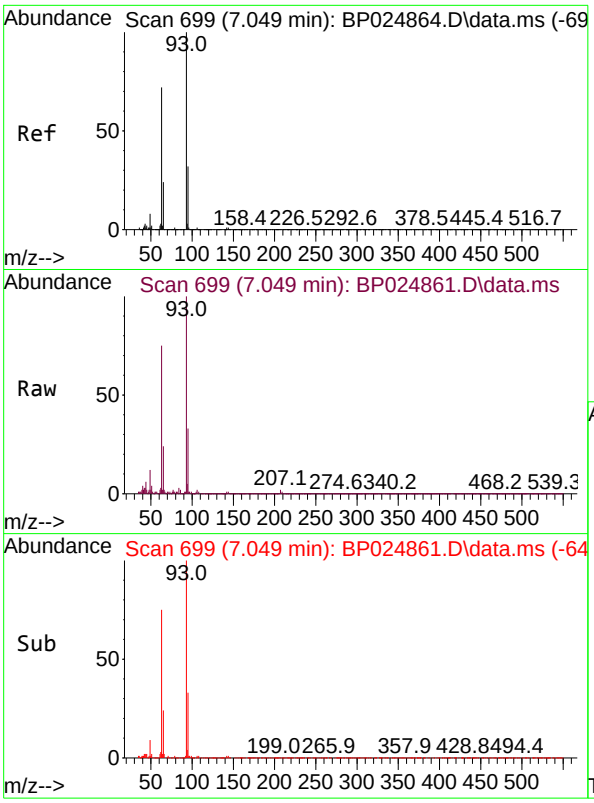


#10
Phenol
Concen: 4.774 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 94 Resp: 78090

Ion	Ratio	Lower	Upper
94	100		
65	25.9	8.3	48.3
66	36.3	18.2	58.2

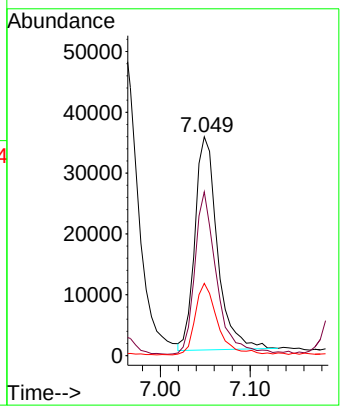




#11
bis(2-Chloroethyl)ether
Concen: 4.752 ng
RT: 7.049 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 93 Resp: 6113

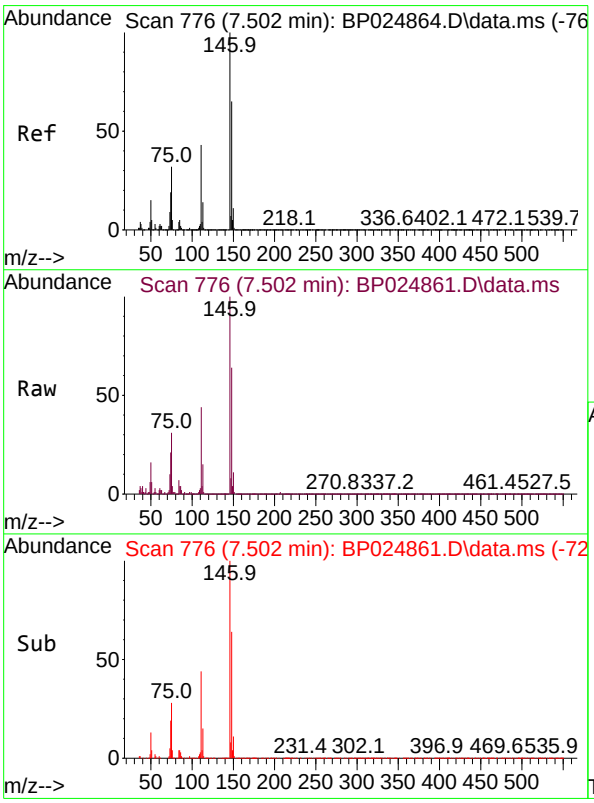
Ion	Ratio	Lower	Upper
93	100		
63	74.9	51.6	91.6
95	33.0	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

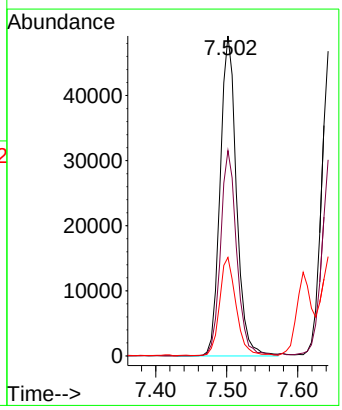
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

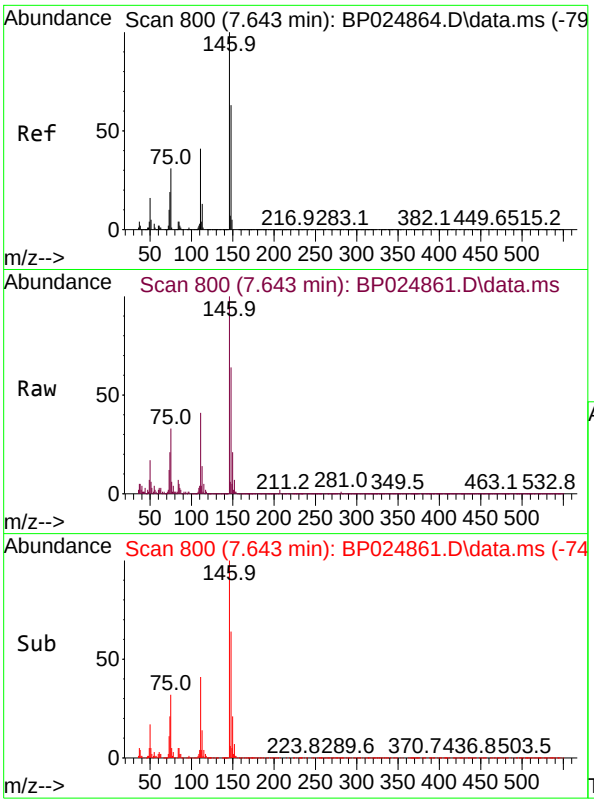


#12
1,3-Dichlorobenzene
Concen: 5.180 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:146 Resp: 78560

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.8	25.3	37.9

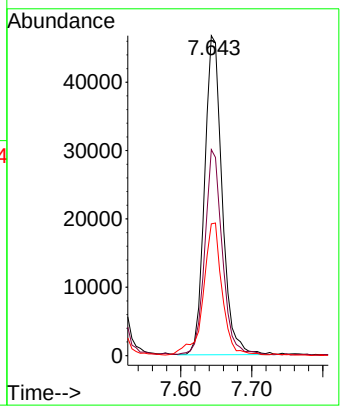




#13
1,4-Dichlorobenzene
Concen: 5.221 ng
RT: 7.643 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:146 Resp: 7989

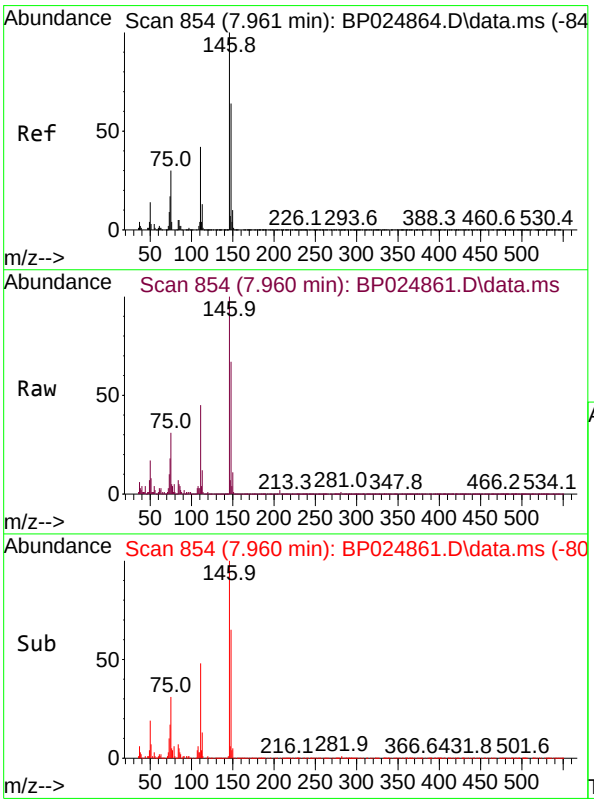
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	41.2	32.7	49.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

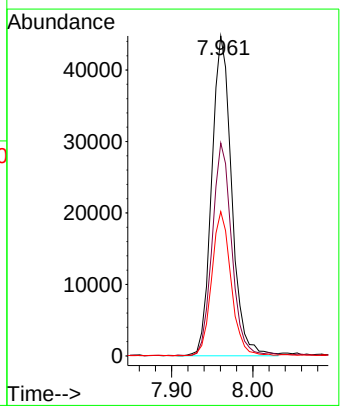
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

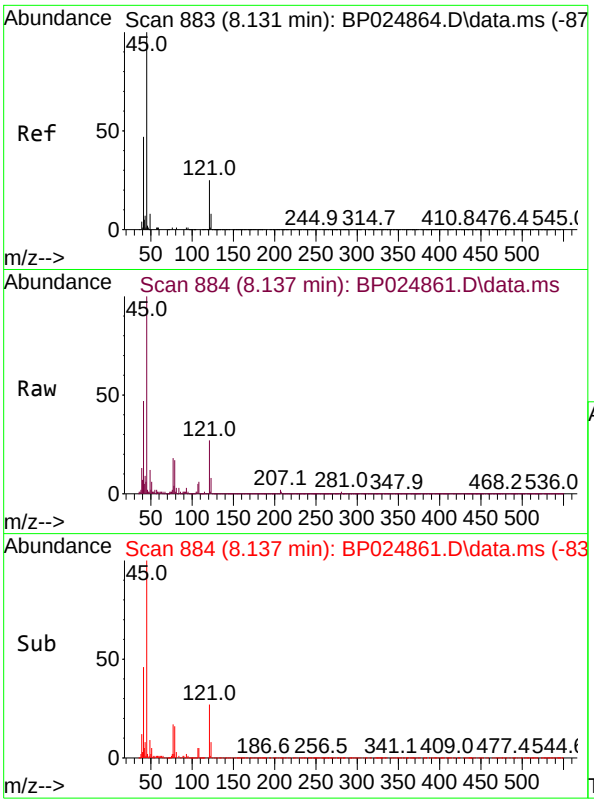


#14
1,2-Dichlorobenzene
Concen: 5.092 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:146 Resp: 76524

Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.0	76.4
111	45.1	33.8	50.8

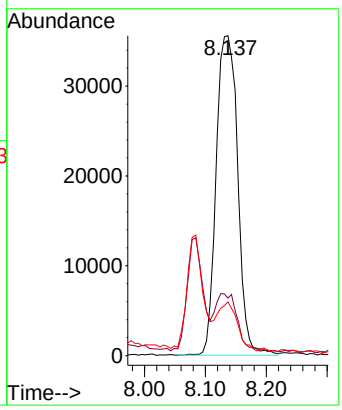




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.196 ng
RT: 8.137 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 45 Resp: 8749

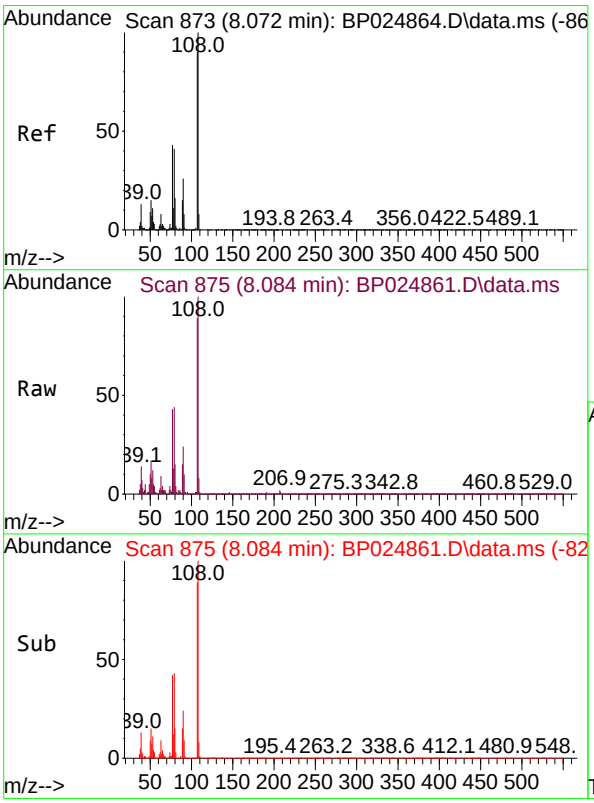
Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	36.3
79	16.8	0.0	32.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

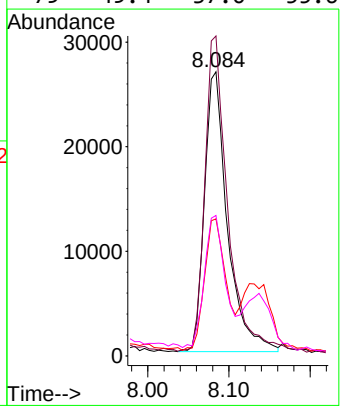
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

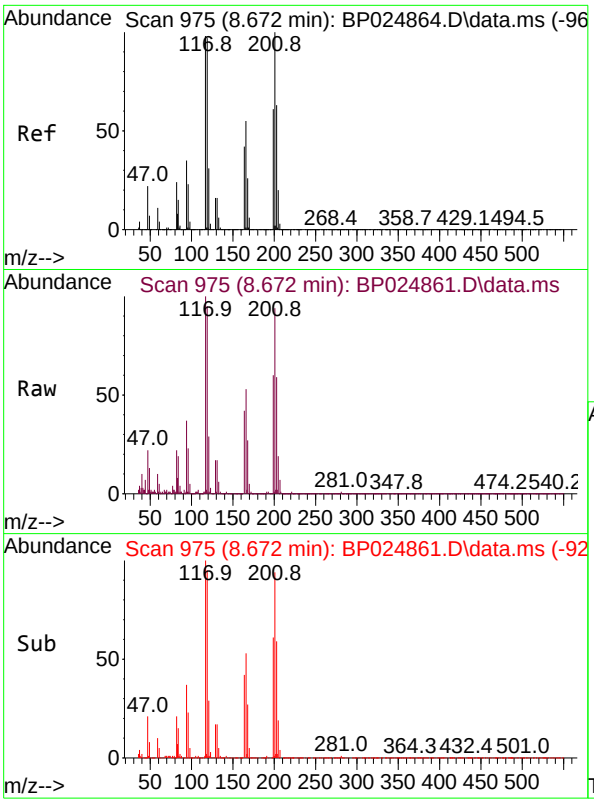


#17
2-Methylphenol
Concen: 4.615 ng
RT: 8.084 min Scan# 875
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:107 Resp: 52716

Ion	Ratio	Lower	Upper
107	100		
108	112.6	88.6	132.8
77	48.3	38.5	57.7
79	49.4	37.0	55.6

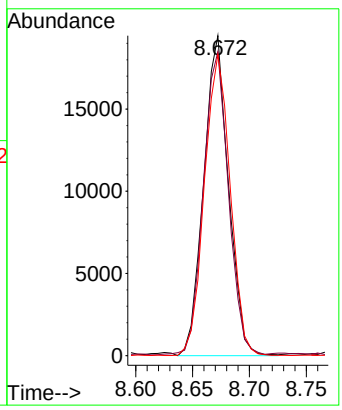




#18
Hexachloroethane
Concen: 5.132 ng
RT: 8.672 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:117 Resp: 2957

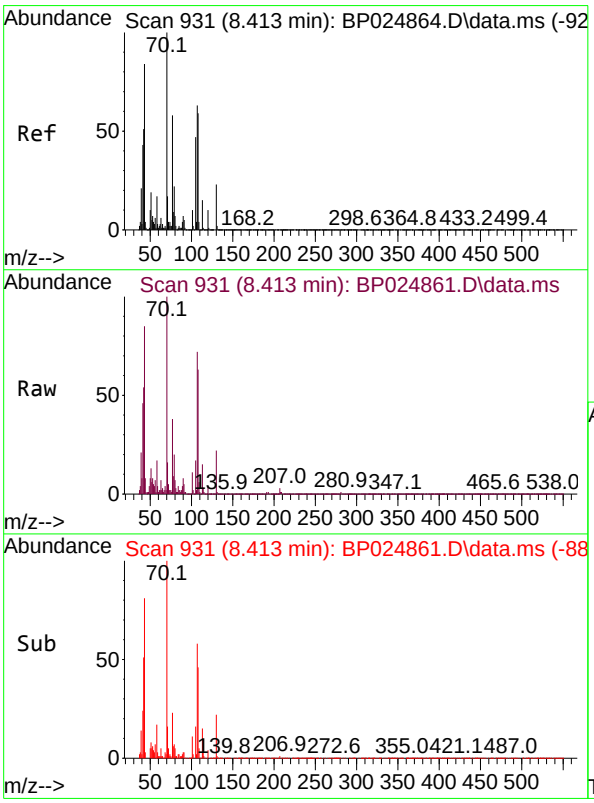
Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.4	119.2
201	94.1	81.4	122.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

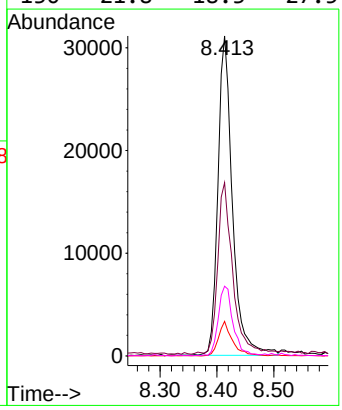
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

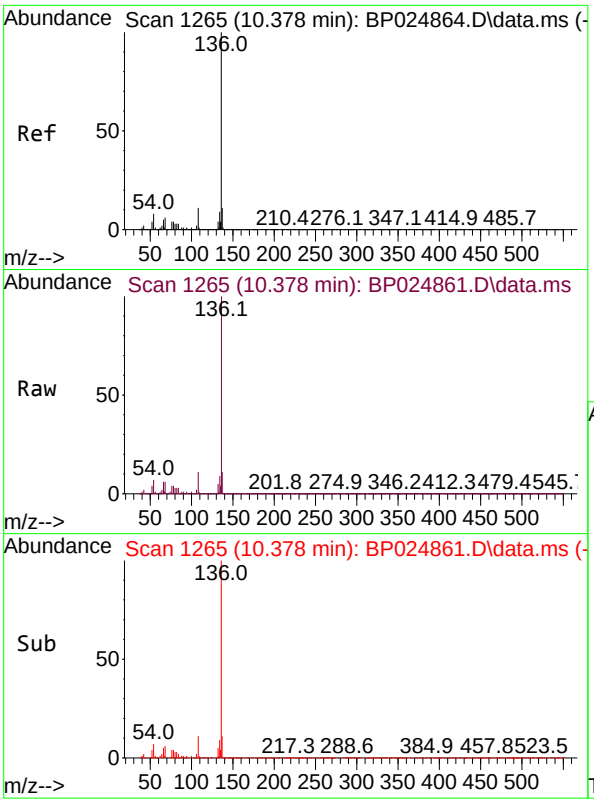


#19
n-Nitroso-di-n-propylamine
Concen: 5.108 ng
RT: 8.413 min Scan# 931
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 70 Resp: 55096

Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.2	61.8
101	10.8	8.3	12.5
130	21.8	18.3	27.5

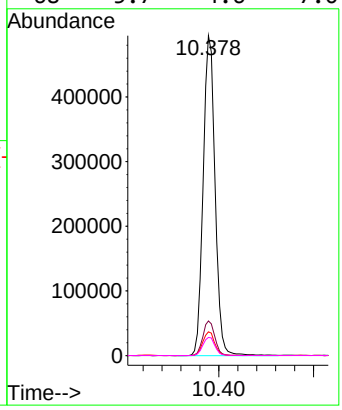




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:136 Resp: 86318

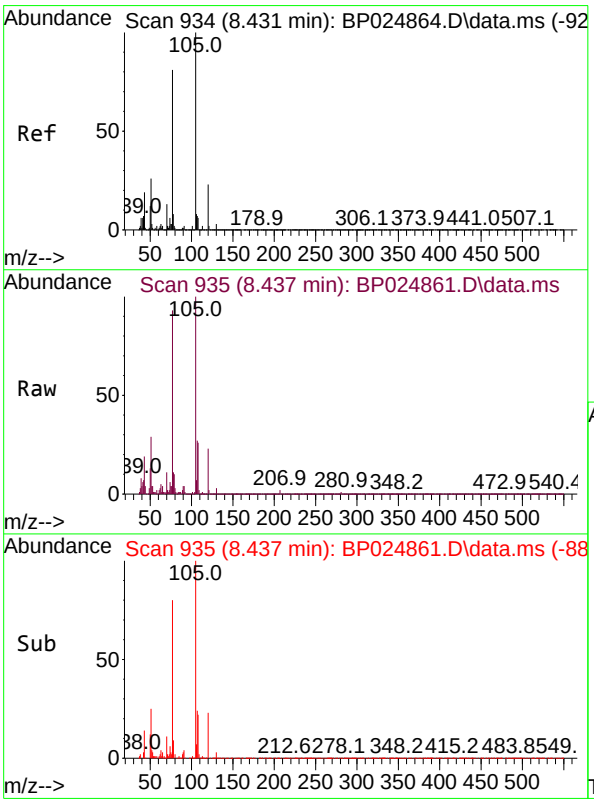
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.1	9.1
68	5.7	4.6	7.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

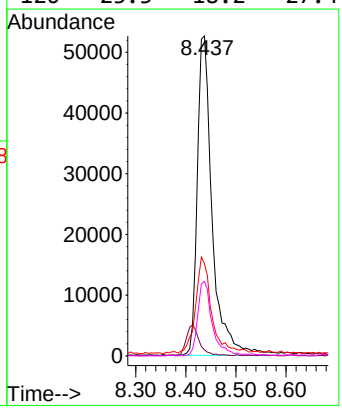
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

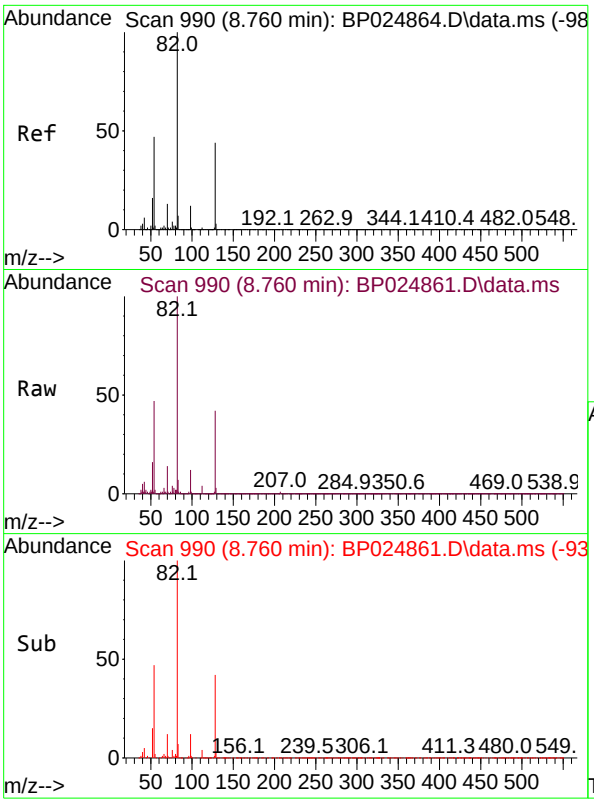


#22
Acetophenone
Concen: 5.010 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:105 Resp: 109271

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.6	2.4
51	28.9	20.6	31.0
120	23.3	18.2	27.4

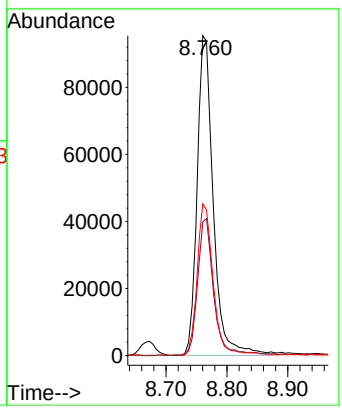




#23
Nitrobenzene-d5
Concen: 9.893 ng
RT: 8.760 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 82 Resp: 175746

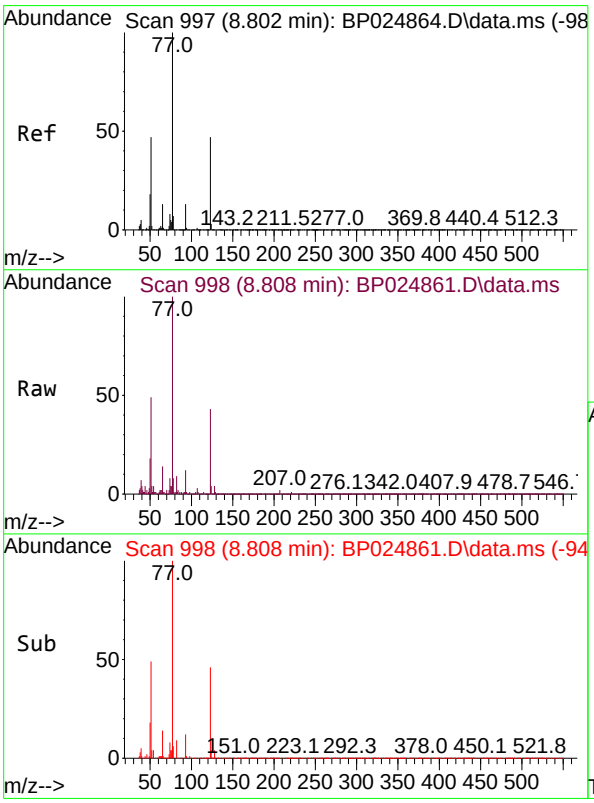
Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.3	52.9
54	47.4	37.4	56.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

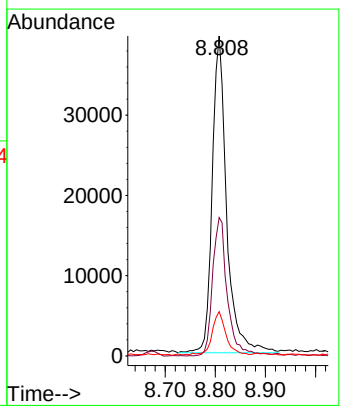
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

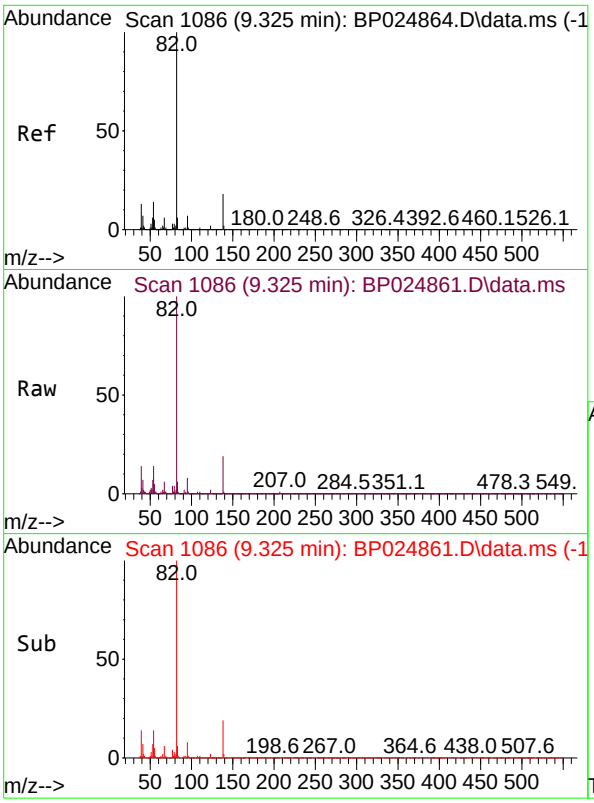


#24
Nitrobenzene
Concen: 5.008 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 77 Resp: 79033

Ion	Ratio	Lower	Upper
77	100		
123	43.2	37.3	55.9
65	13.8	10.8	16.2





#25
Isophorone
Concen: 4.932 ng
RT: 9.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

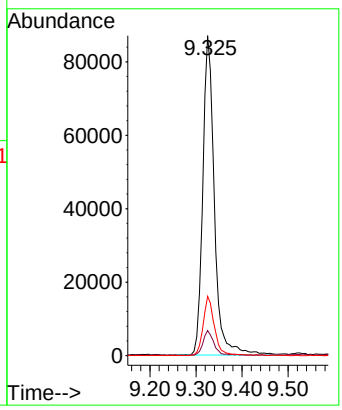
Tgt Ion: 82 Resp: 15183

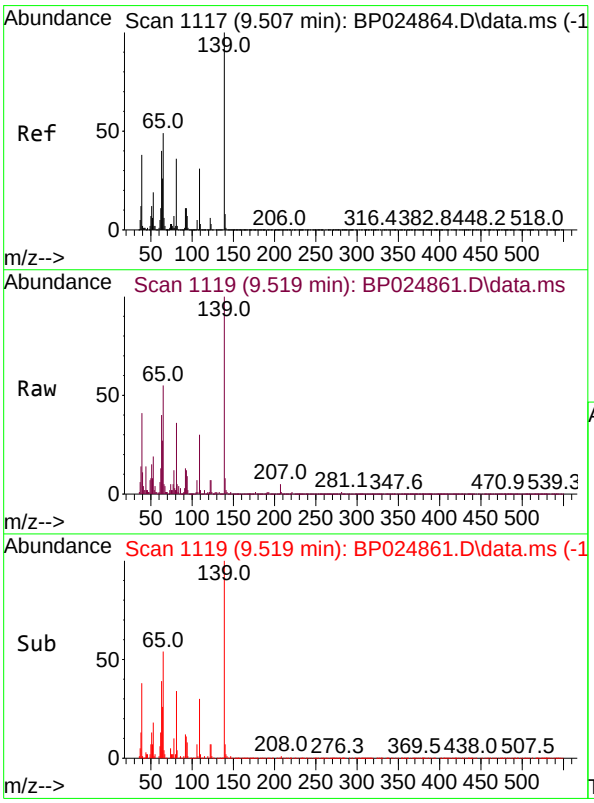
Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.9	8.9
138	18.5	14.6	21.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

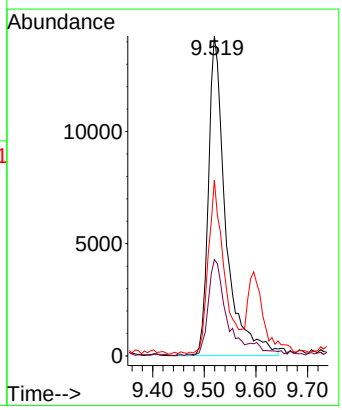


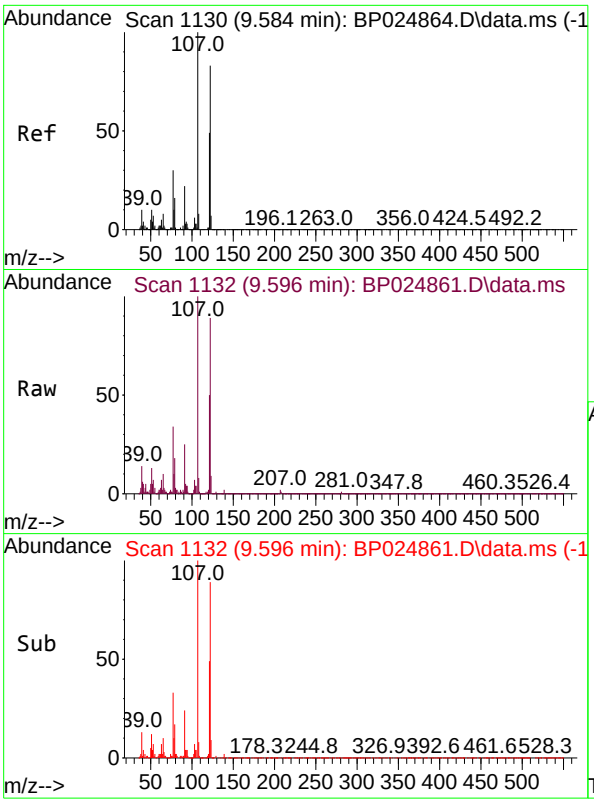


#26
2-Nitrophenol
Concen: 4.266 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:139 Resp: 33214

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	37.0
65	55.0	39.5	59.3

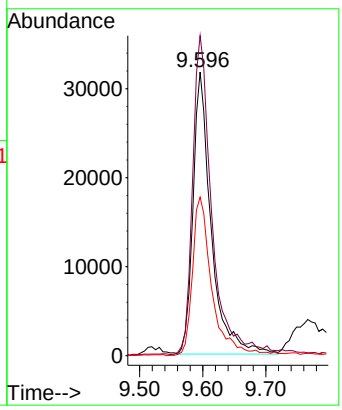




#27
2,4-Dimethylphenol
Concen: 4.759 ng
RT: 9.596 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:122 Resp: 6341

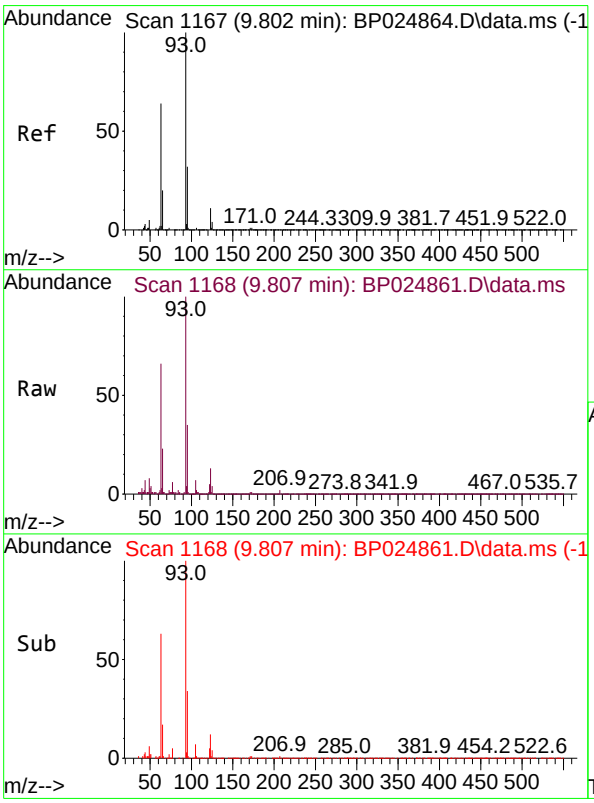
Ion	Ratio	Lower	Upper
122	100		
107	112.8	96.2	144.4
121	55.9	47.0	70.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

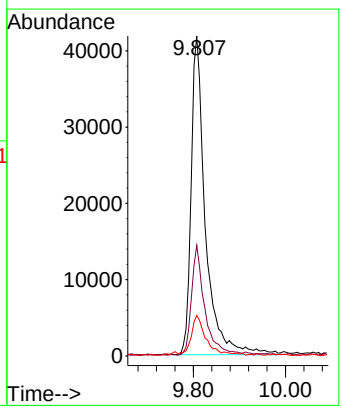
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

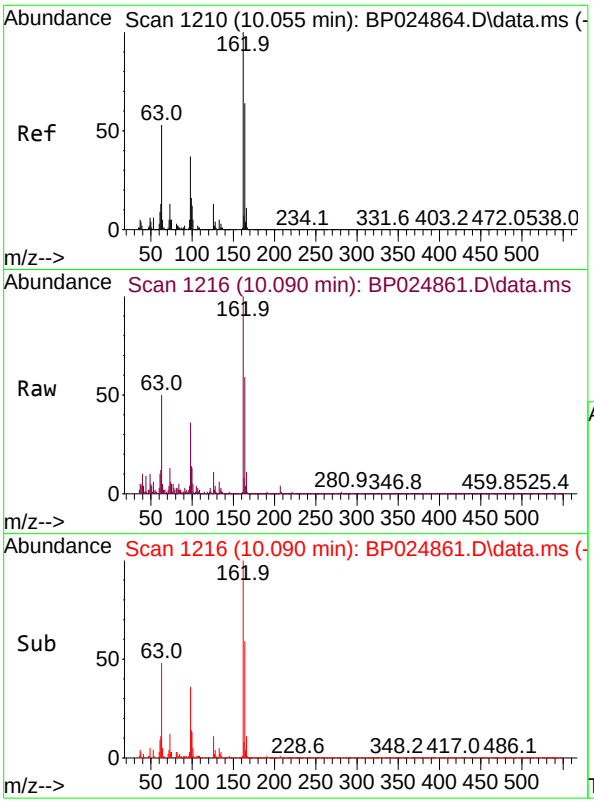


#28
bis(2-Chloroethoxy)methane
Concen: 4.862 ng
RT: 9.807 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 93 Resp: 89295

Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.5	38.3
123	12.6	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 4.158 ng
RT: 10.090 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

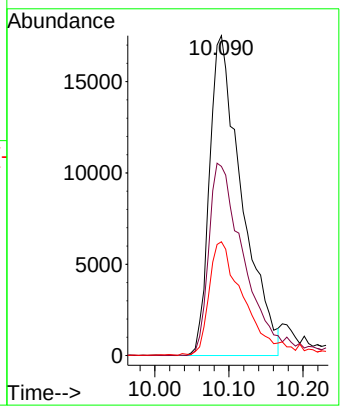
Tgt Ion:162 Resp: 5316

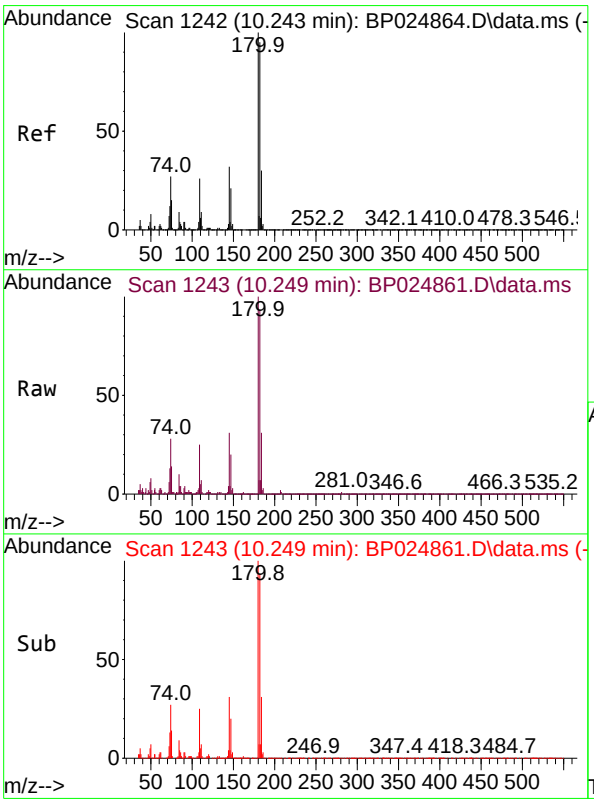
Ion	Ratio	Lower	Upper
162	100		
164	59.1	44.0	84.0
98	35.6	16.9	56.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

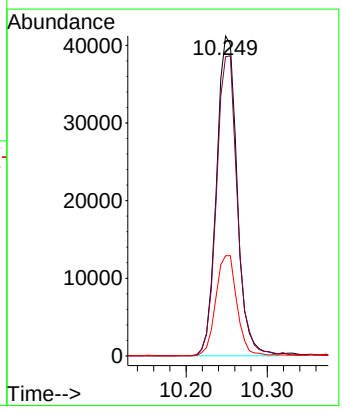


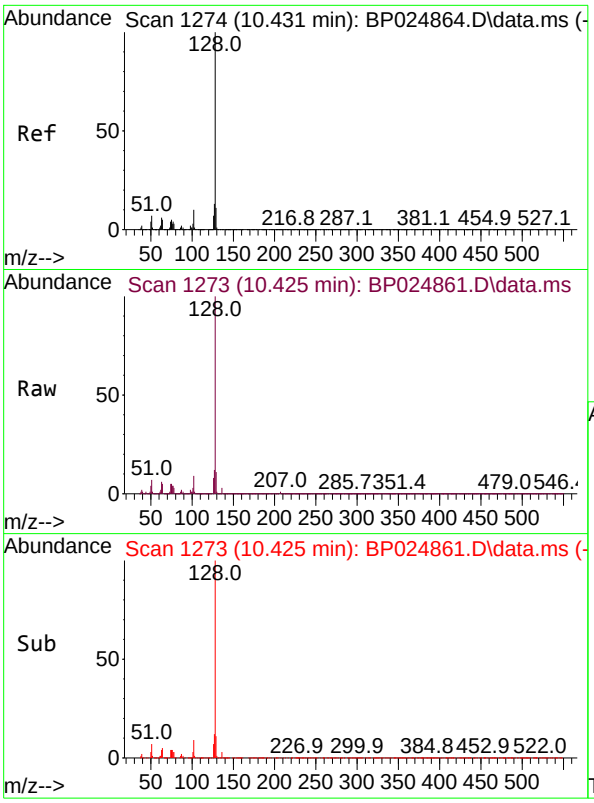


#30
1,2,4-Trichlorobenzene
Concen: 5.018 ng
RT: 10.249 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:180 Resp: 72373

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	31.3	25.7	38.5

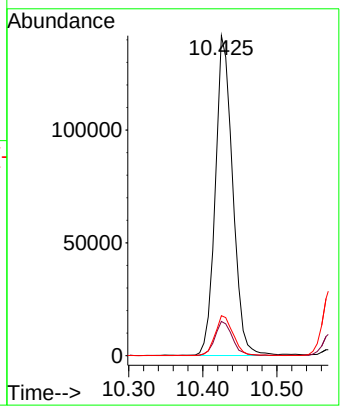




#31
Naphthalene
Concen: 5.223 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:128 Resp: 23102

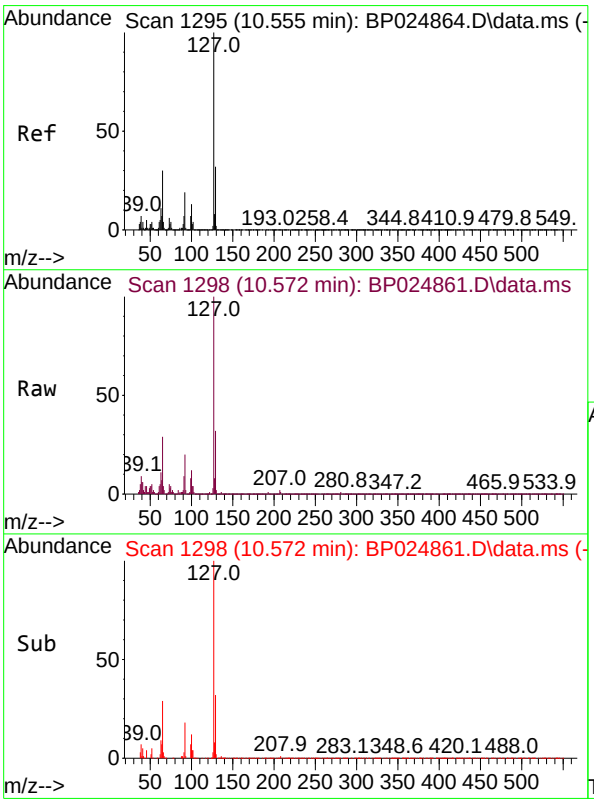
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

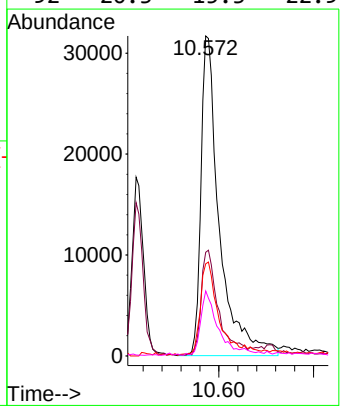
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

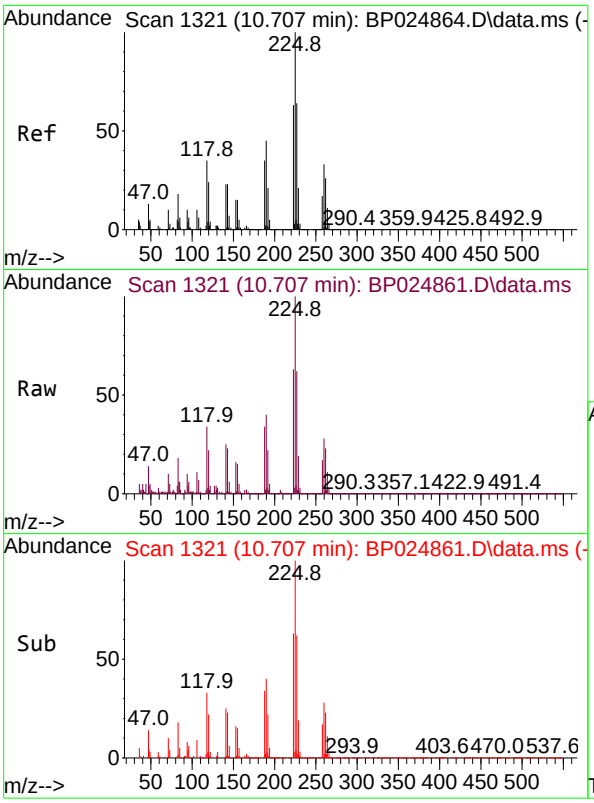


#33
4-Chloroaniline
Concen: 4.622 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:127 Resp: 85657

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.8	23.9	35.9
92	20.3	15.3	22.9

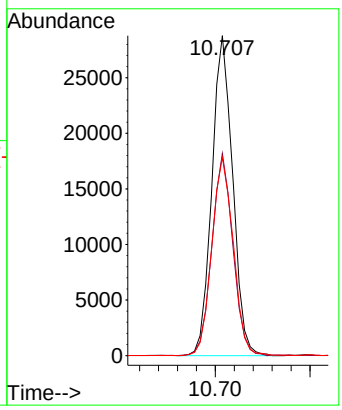




#34
Hexachlorobutadiene
Concen: 5.044 ng
RT: 10.707 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:225 Resp: 4384

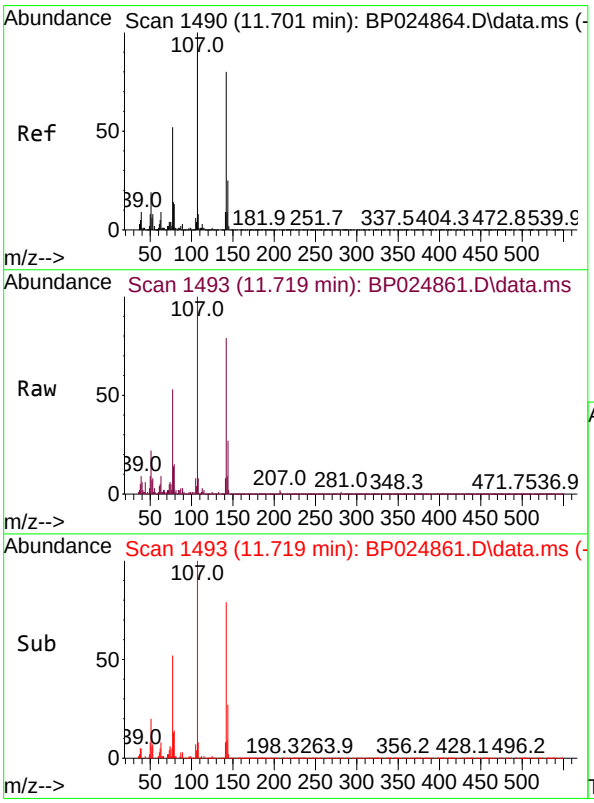
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.5	75.7
227	62.0	51.4	77.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

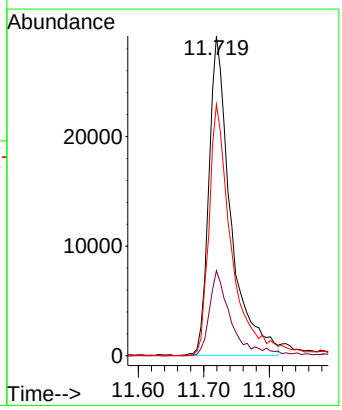
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

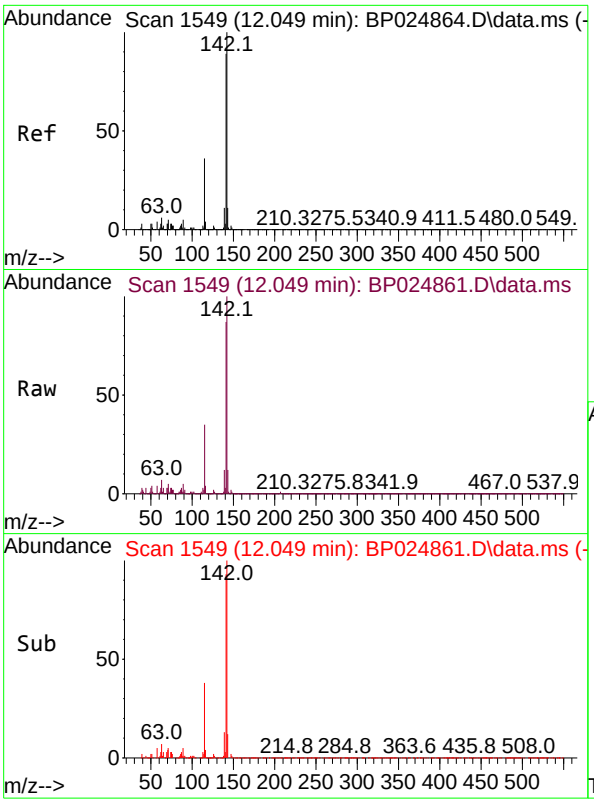


#36
4-Chloro-3-methylphenol
Concen: 4.569 ng
RT: 11.719 min Scan# 1493
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:107 Resp: 67386

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	78.6	63.8	95.6

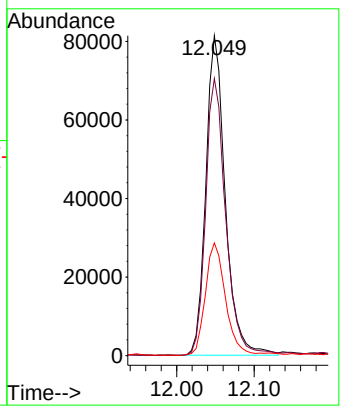




#37
2-Methylnaphthalene
Concen: 5.070 ng
RT: 12.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:142 Resp: 14225

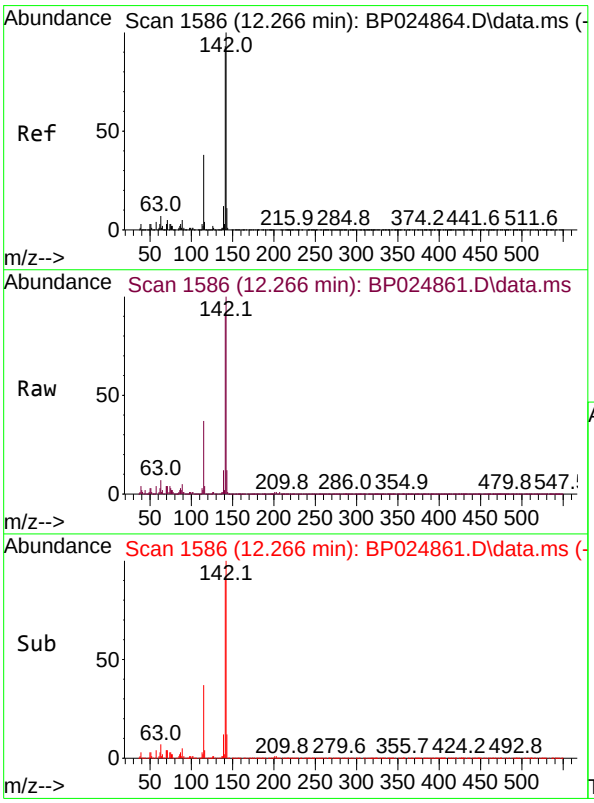
Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.2	106.8
115	35.2	28.5	42.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

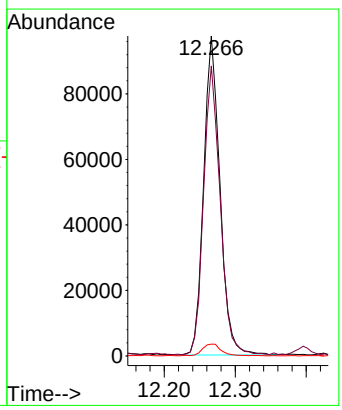
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

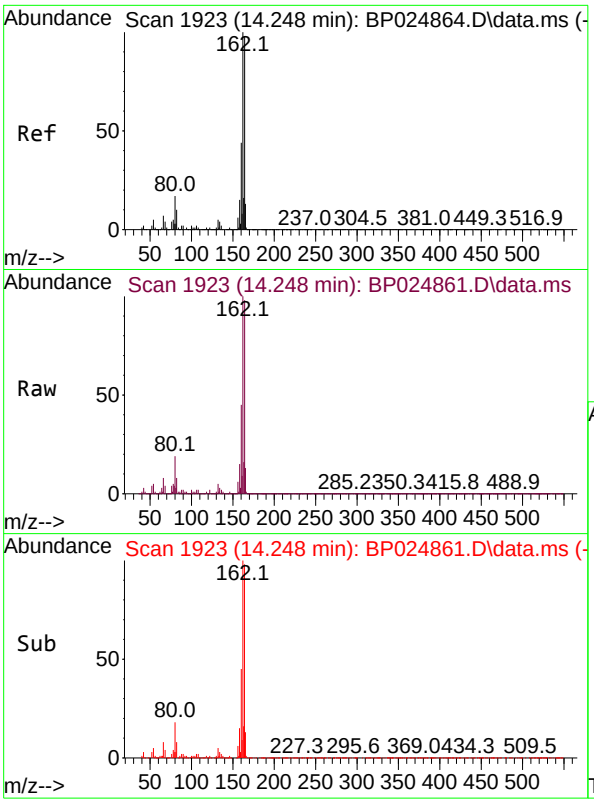


#38
1-Methylnaphthalene
Concen: 5.178 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:142 Resp: 155333

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.7	112.1
116	3.7	3.4	5.0

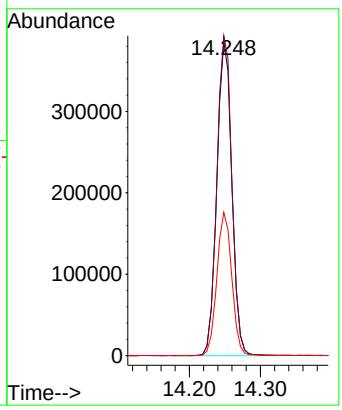




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:164 Resp: 56724

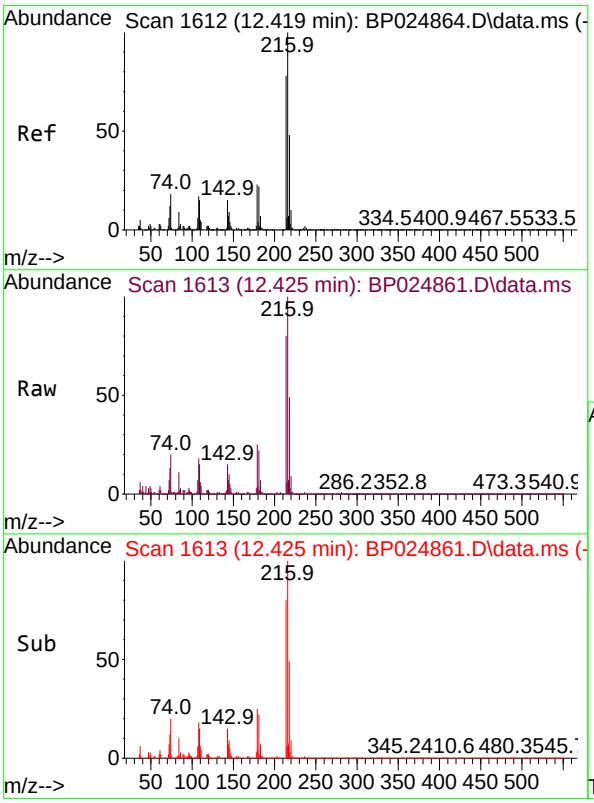
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	45.6	36.2	54.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

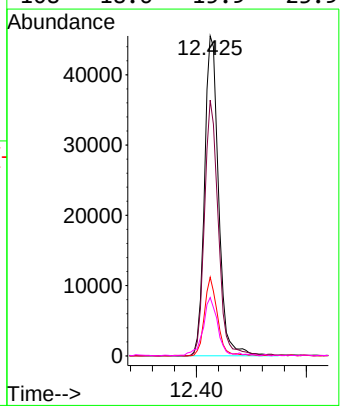
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

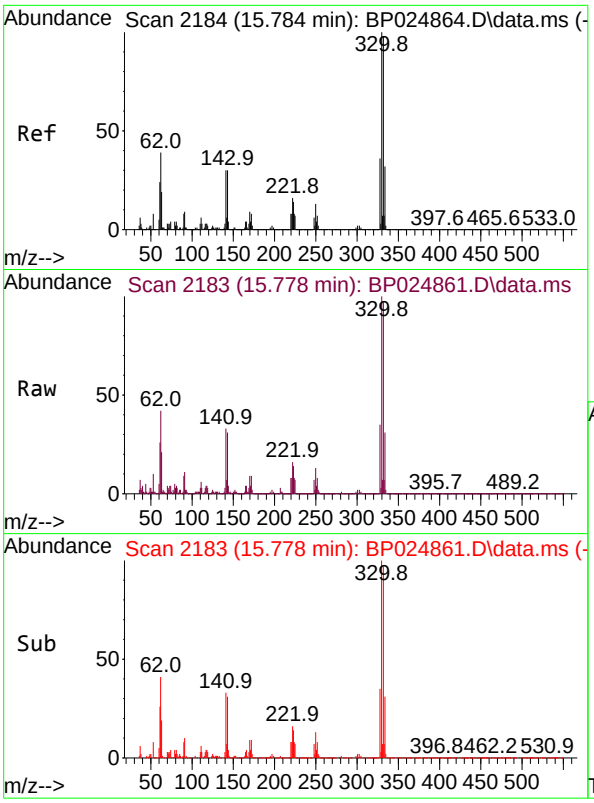


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.008 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:216 Resp: 80613

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	22.8	17.8	26.6
108	18.6	15.9	23.9

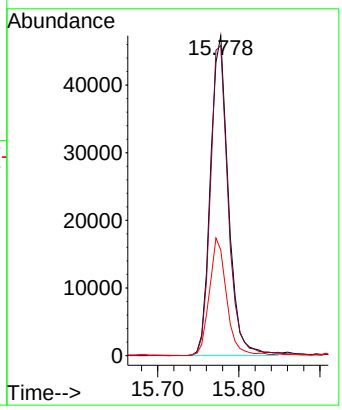




#42
2,4,6-Tribromophenol
Concen: 9.274 ng
RT: 15.778 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:330 Resp: 7272

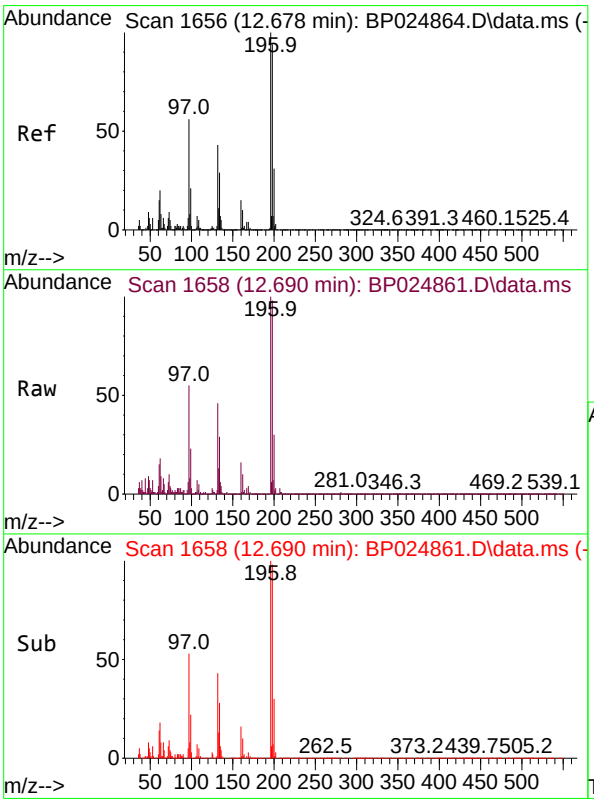
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.7	116.5
141	35.4	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

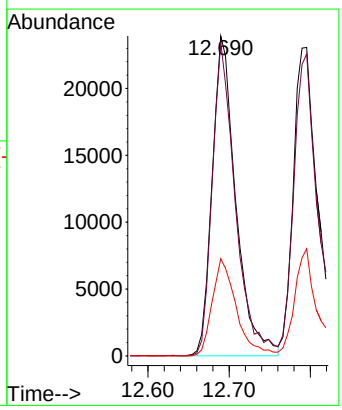
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

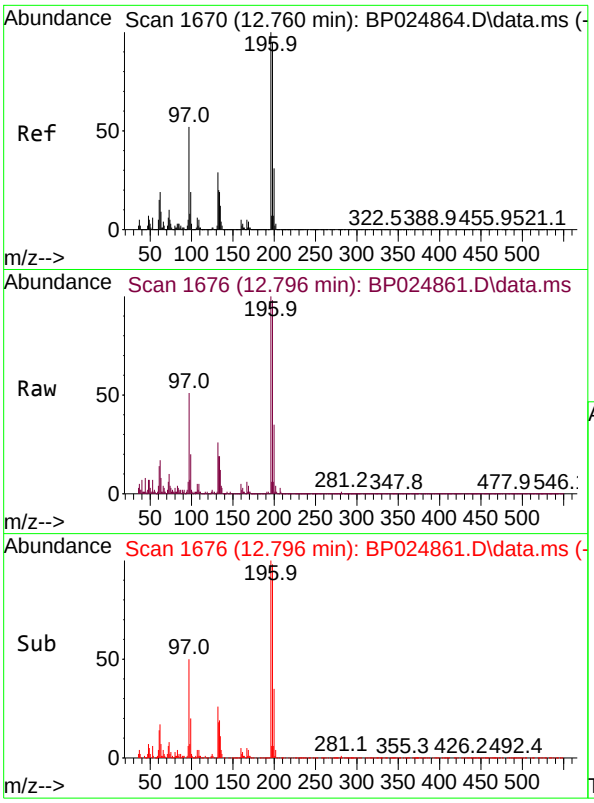


#43
2,4,6-Trichlorophenol
Concen: 4.487 ng
RT: 12.690 min Scan# 1658
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:196 Resp: 48501

Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.4	113.0
200	30.4	24.4	36.6

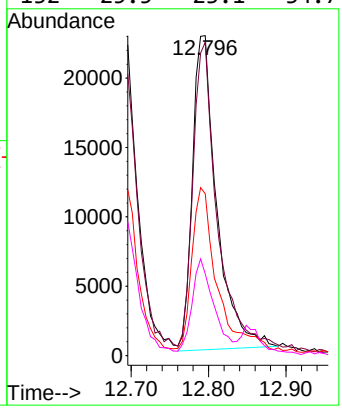




#44
2,4,5-Trichlorophenol
Concen: 4.269 ng
RT: 12.796 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:196 Resp: 4942

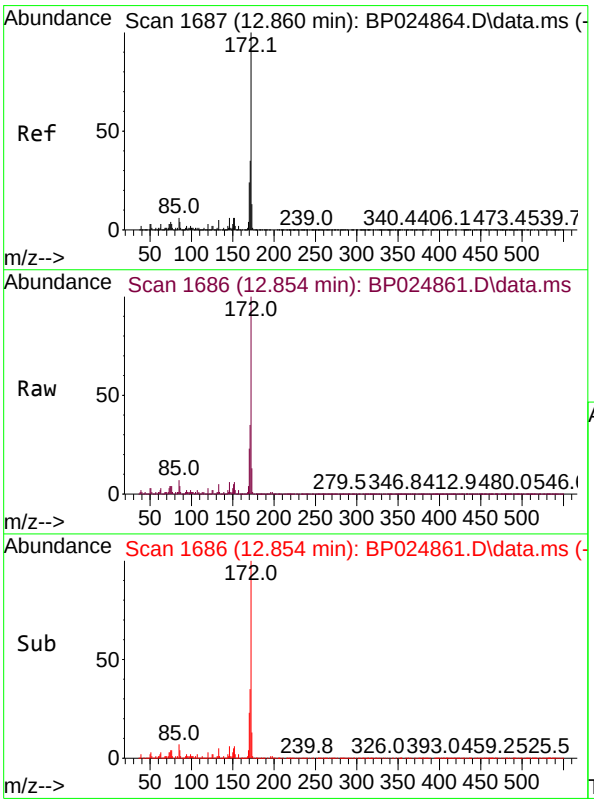
Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.0	114.0
97	50.6	41.5	62.3
132	25.5	23.1	34.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

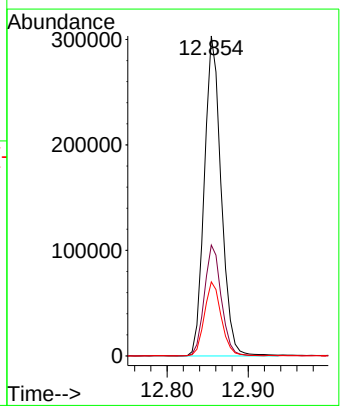
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

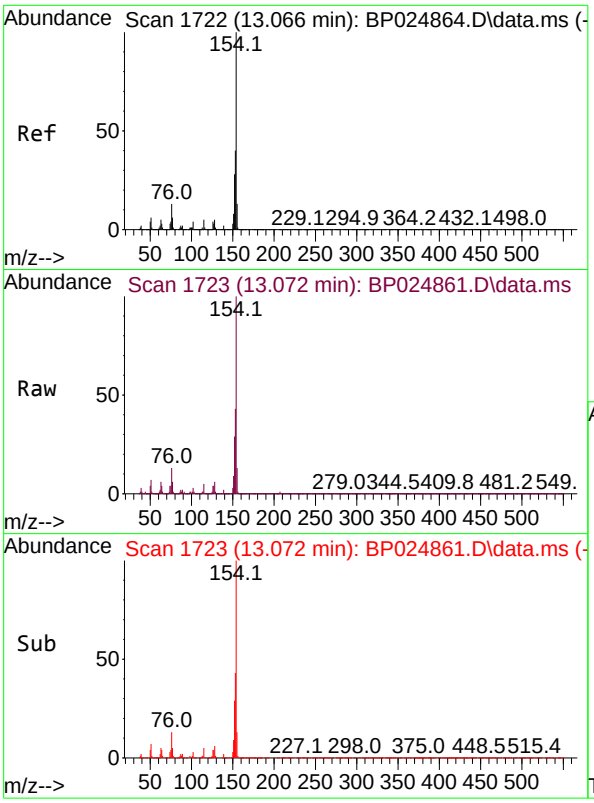


#45
2-Fluorobiphenyl
Concen: 10.390 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:172 Resp: 437483

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.1	19.0	28.4

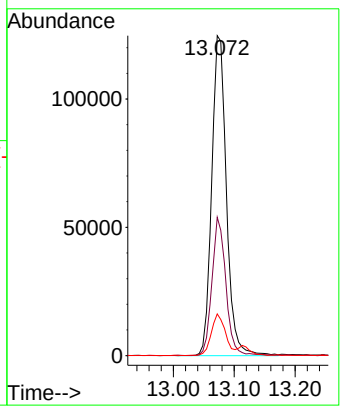




#46
1,1'-Biphenyl
Concen: 5.082 ng
RT: 13.072 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:154 Resp: 20948

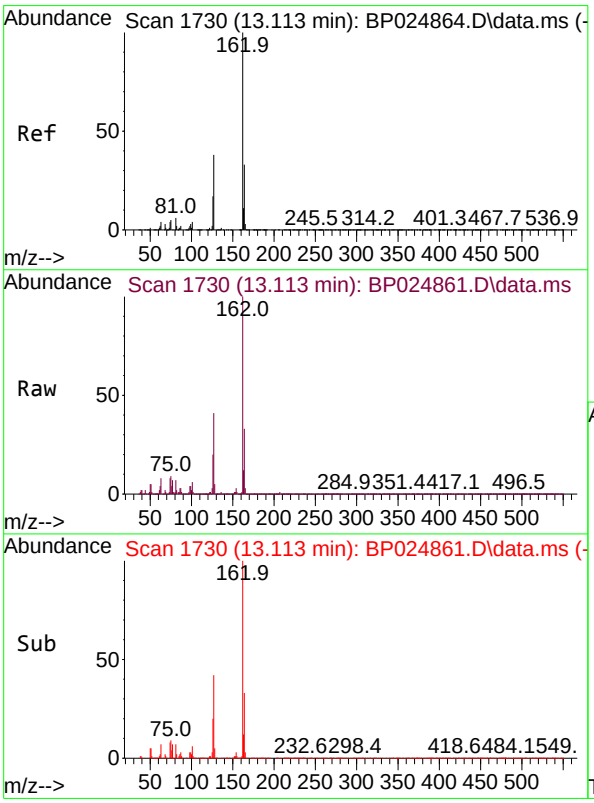
Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.3	60.3
76	13.0	0.0	33.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

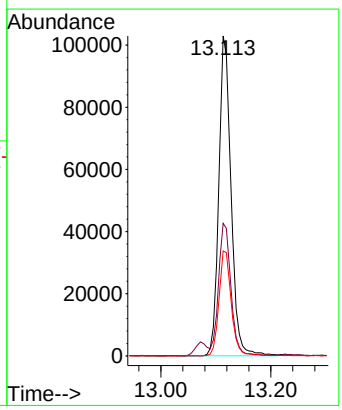
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

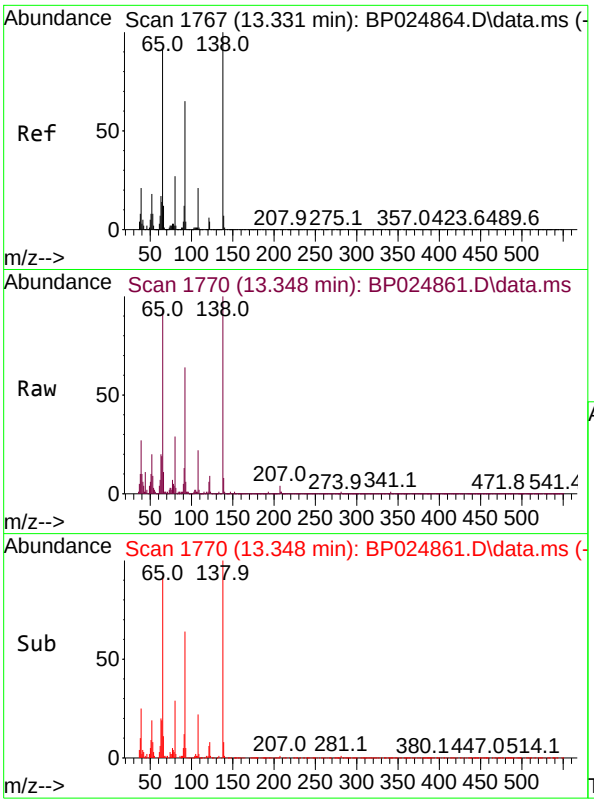


#47
2-Chloronaphthalene
Concen: 5.026 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:162 Resp: 159251

Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.5	48.7
164	32.8	26.2	39.2

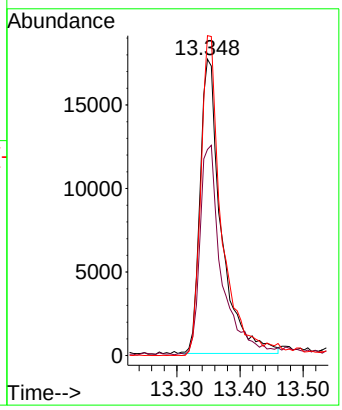




#48
2-Nitroaniline
Concen: 4.207 ng
RT: 13.348 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 65 Resp: 4098

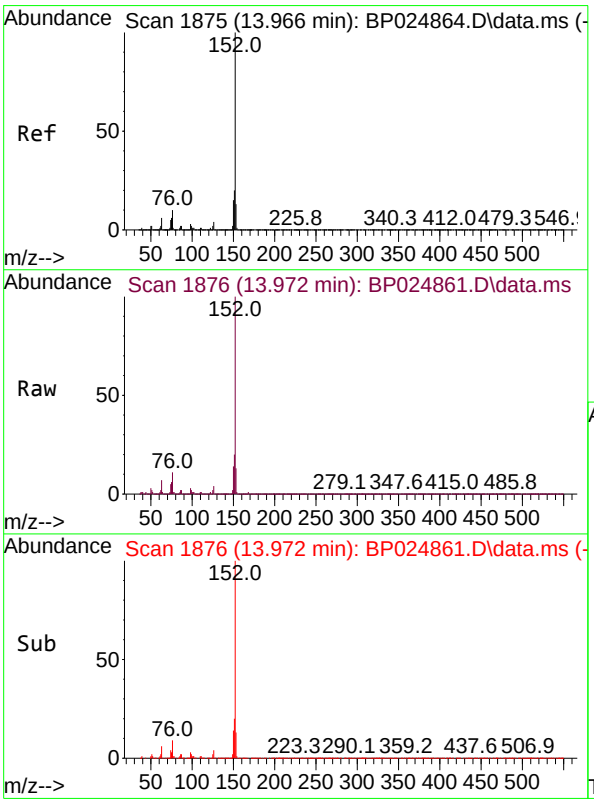
Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.8	85.2
138	107.9	86.9	130.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

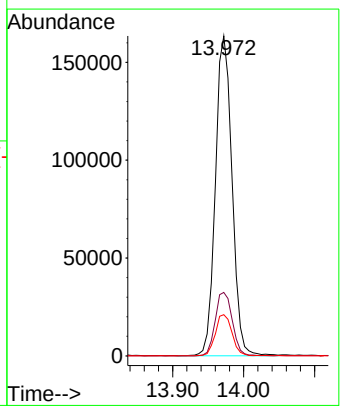
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

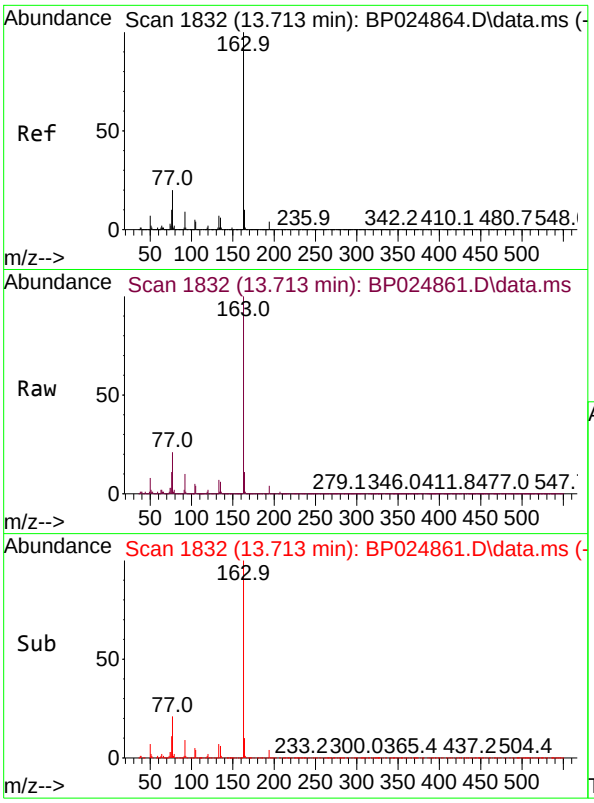


#49
Acenaphthylene
Concen: 5.047 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:152 Resp: 266639

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.9	10.6	15.8

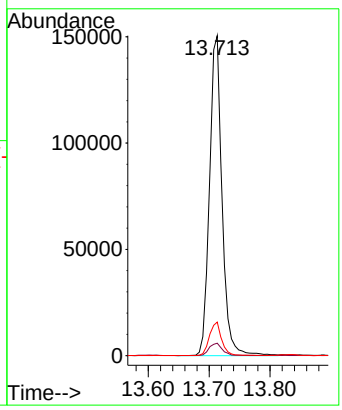




#50
Dimethylphthalate
Concen: 5.136 ng
RT: 13.713 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:163 Resp: 21489

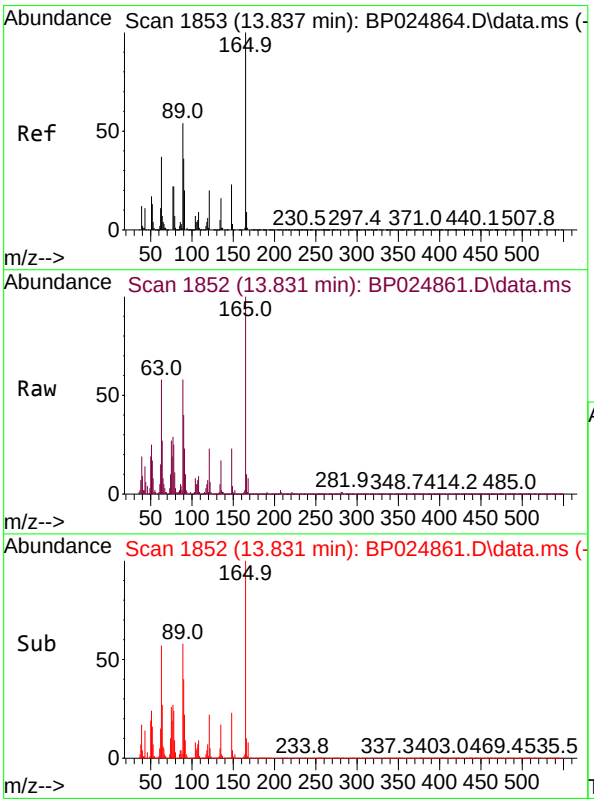
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

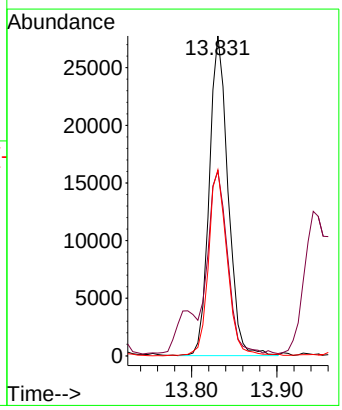
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

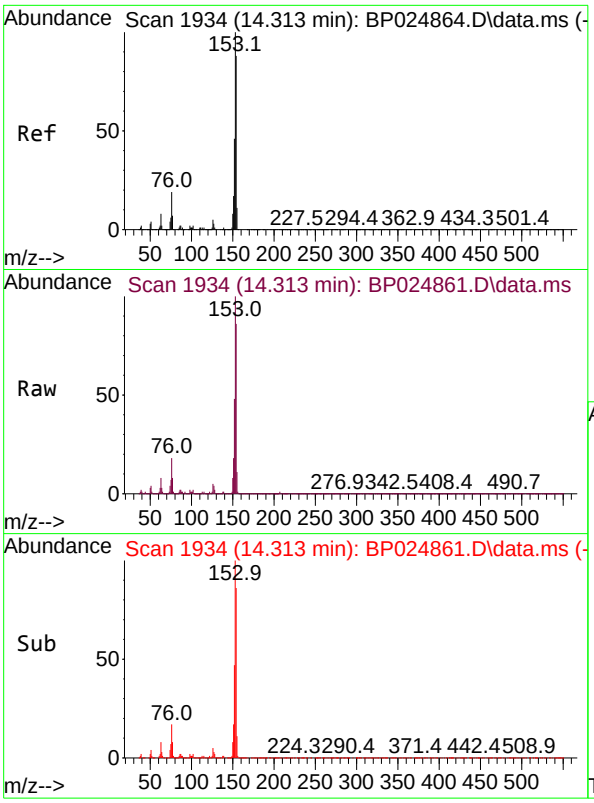


#51
2,6-Dinitrotoluene
Concen: 4.693 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:165 Resp: 42335

Ion	Ratio	Lower	Upper
165	100		
63	57.7	41.8	62.8
89	58.1	43.1	64.7

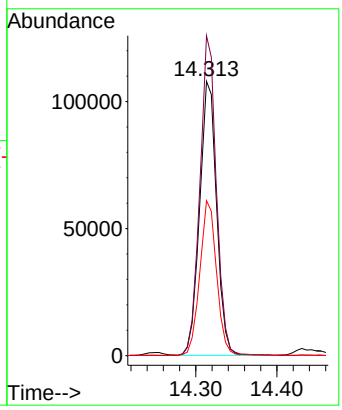




#52
Acenaphthene
Concen: 5.181 ng
RT: 14.313 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:154 Resp: 15683

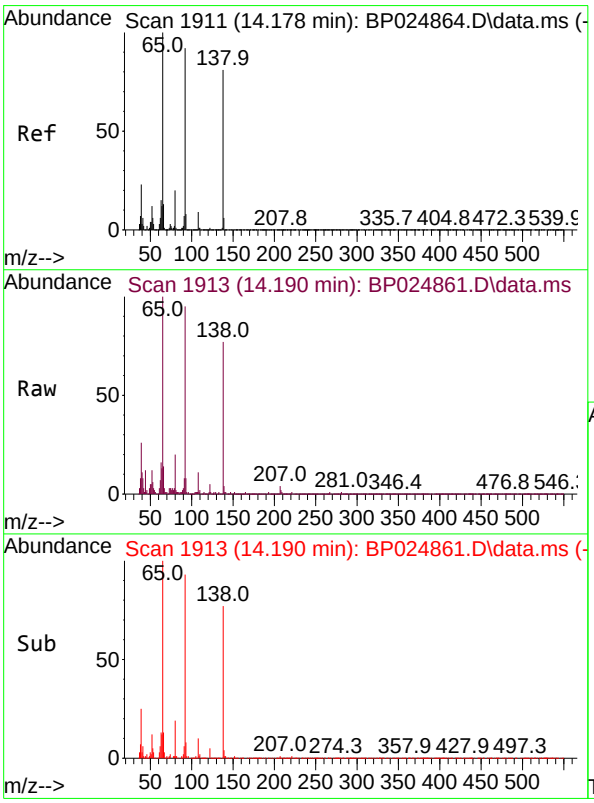
Ion	Ratio	Lower	Upper
154	100		
153	116.7	90.5	135.7
152	56.5	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

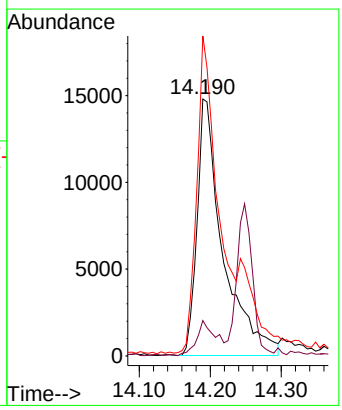
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

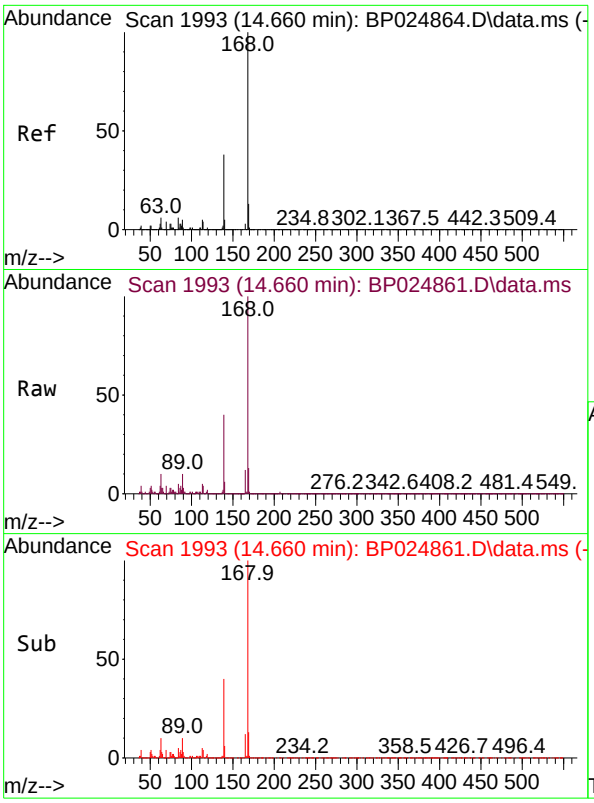


#53
3-Nitroaniline
Concen: 3.983 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:138 Resp: 37288

Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.6	12.8#
92	124.5	91.3	136.9

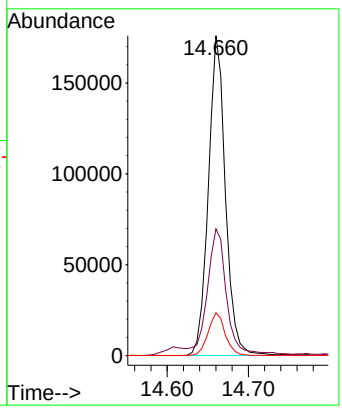




#55
Dibenzofuran
Concen: 5.297 ng
RT: 14.660 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:168 Resp: 25737

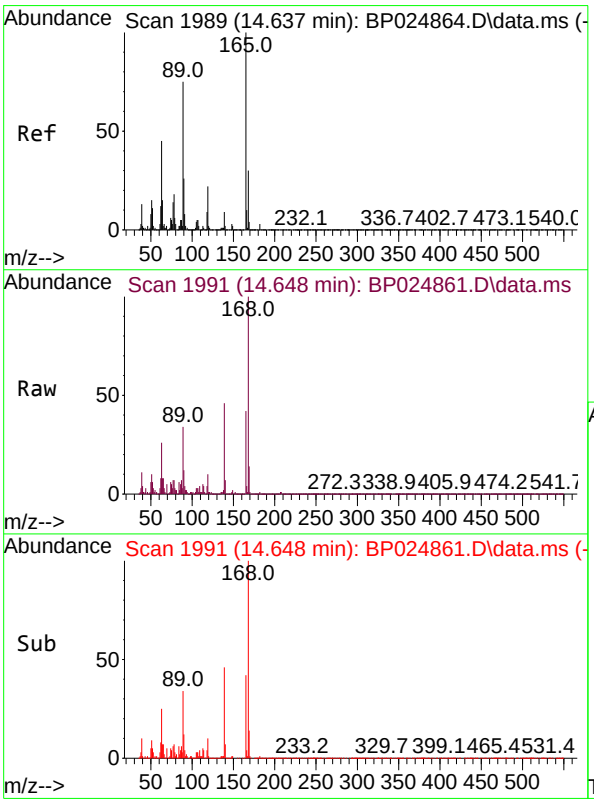
Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.6	47.4
169	13.4	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

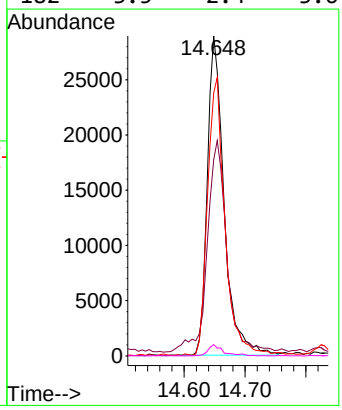
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

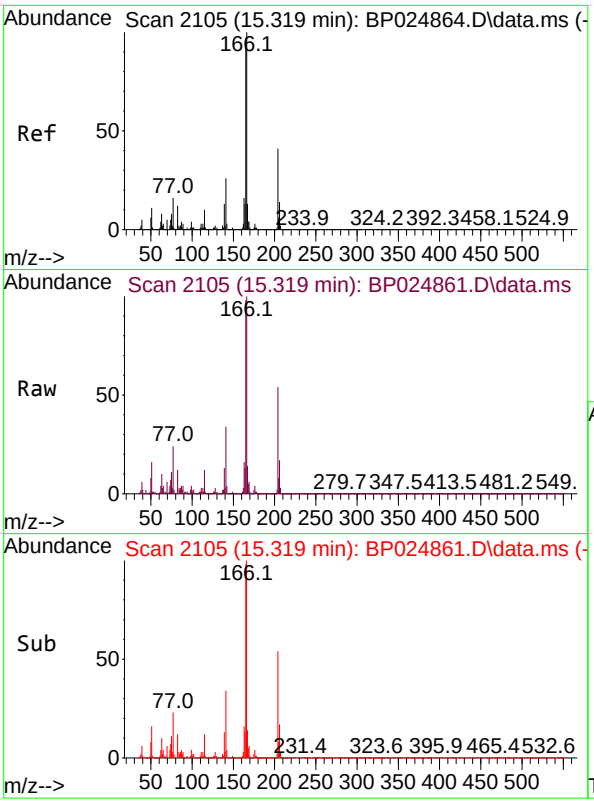


#57
2,4-Dinitrotoluene
Concen: 4.387 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:165 Resp: 55352

Ion	Ratio	Lower	Upper
165	100		
63	61.3	37.0	55.6#
89	82.2	60.1	90.1
182	3.5	2.4	3.6

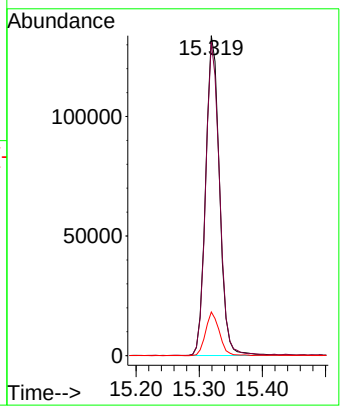




#58
Fluorene
Concen: 5.192 ng
RT: 15.319 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:166 Resp: 20380

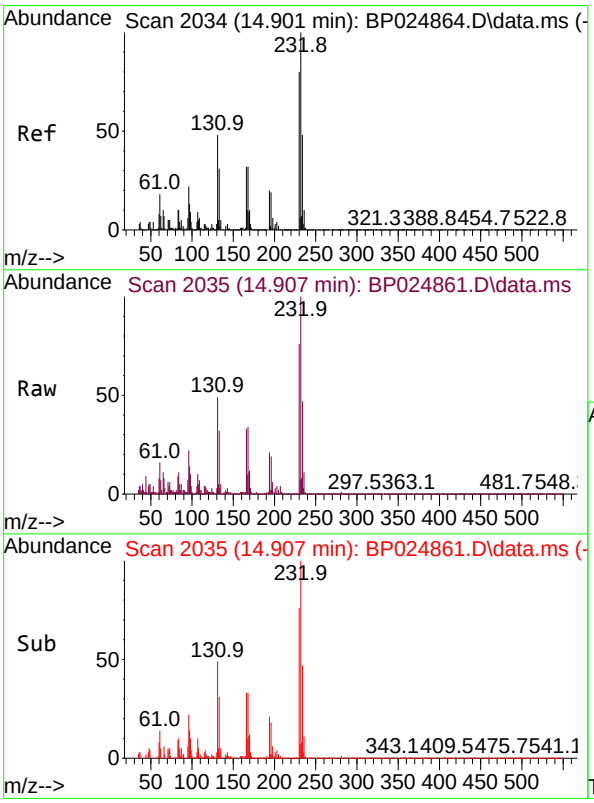
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	13.6	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

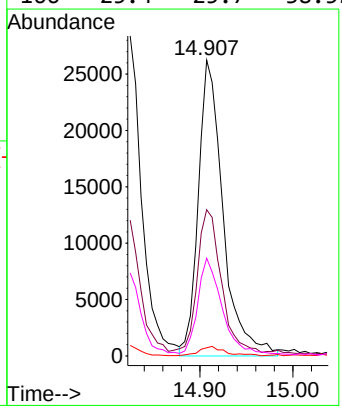
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

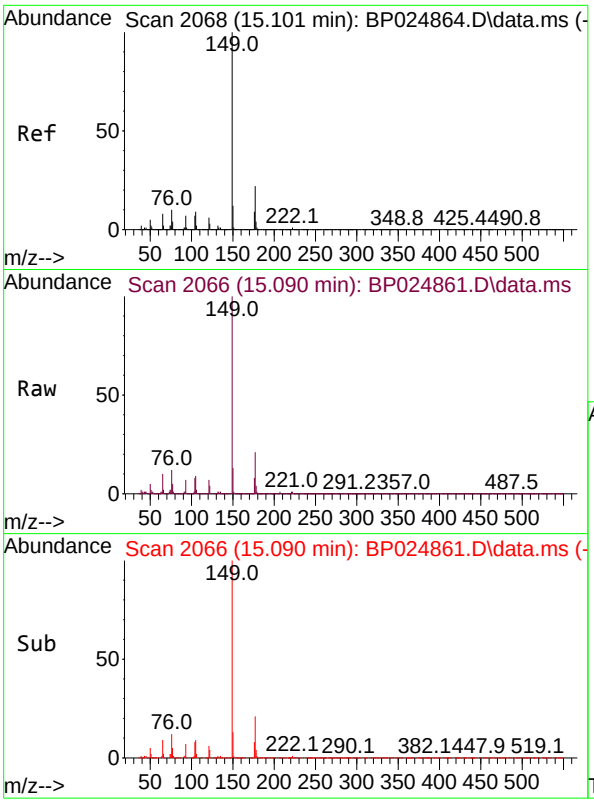


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.699 ng m
RT: 14.907 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:232 Resp: 48686

Ion	Ratio	Lower	Upper
232	100		
131	40.2	38.2	57.2
130	2.5	2.1	3.1
166	25.4	25.7	38.5#

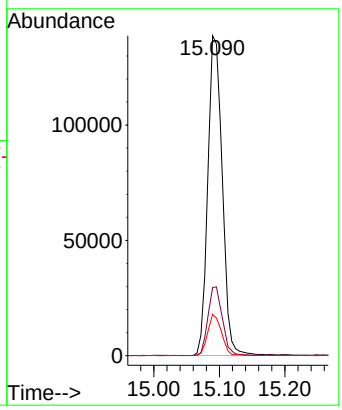




#60
Diethylphthalate
Concen: 5.105 ng
RT: 15.090 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:149 Resp: 21288

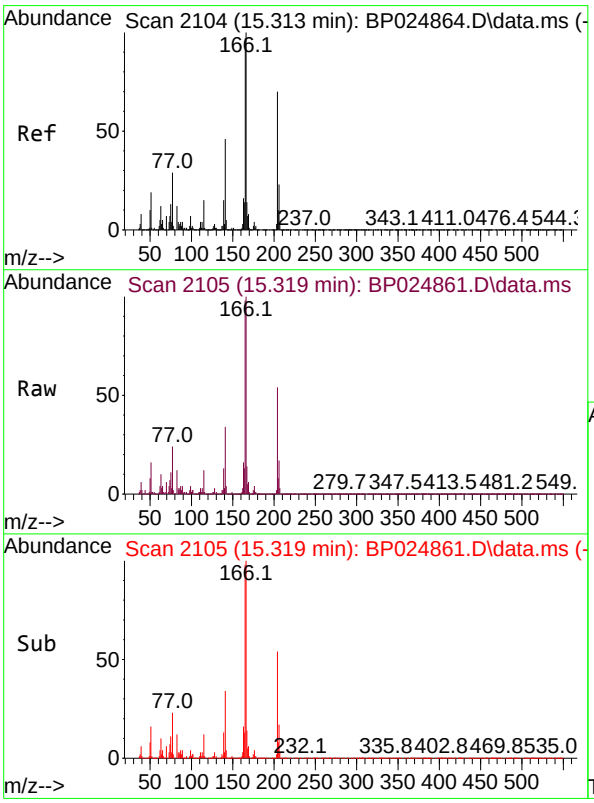
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.9	26.9
150	12.9	9.8	14.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

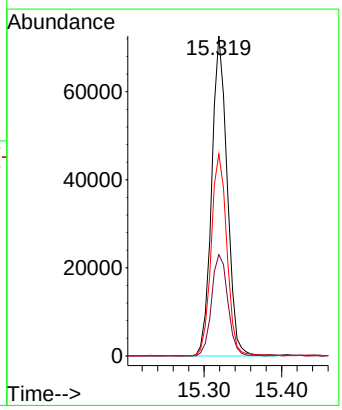
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

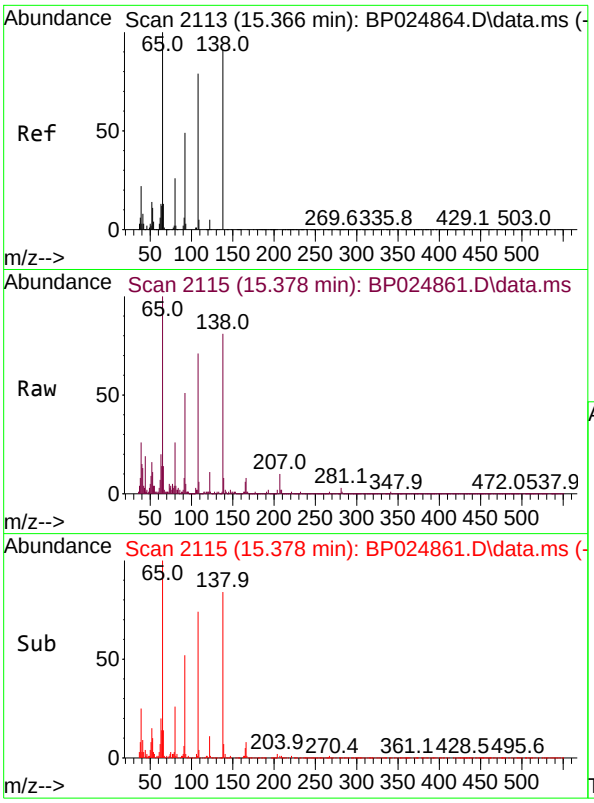


#61
4-Chlorophenyl-phenylether
Concen: 5.254 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:204 Resp: 100846

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	40.0
141	63.0	52.4	78.6

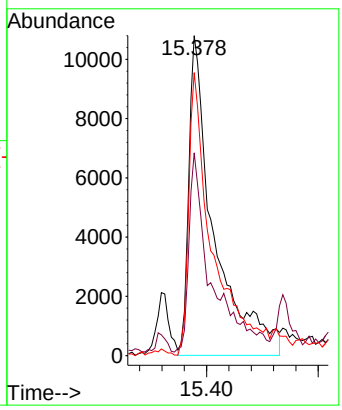




#62
4-Nitroaniline
Concen: 3.998 ng m
RT: 15.378 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:138 Resp: 3395

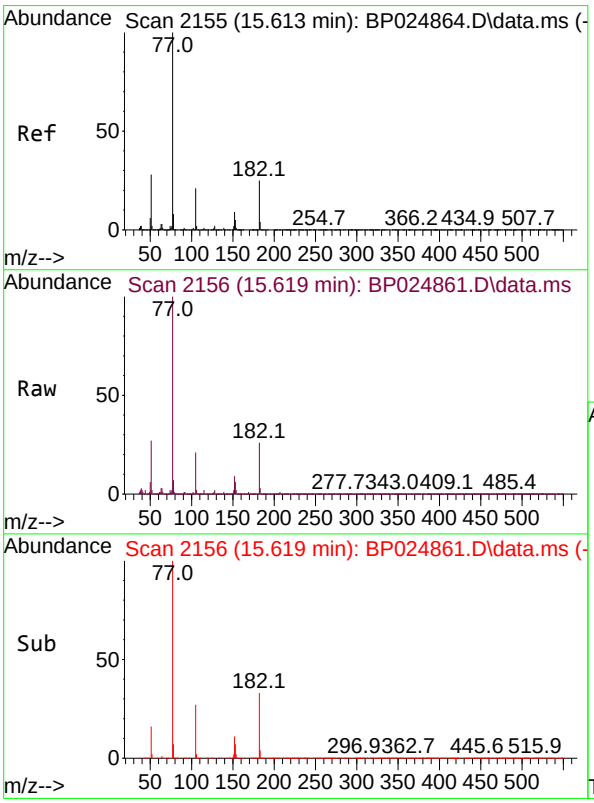
Ion	Ratio	Lower	Upper
138	100		
92	63.4	33.5	73.5
108	88.4	65.1	105.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

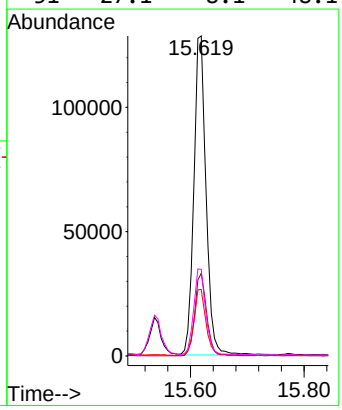
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

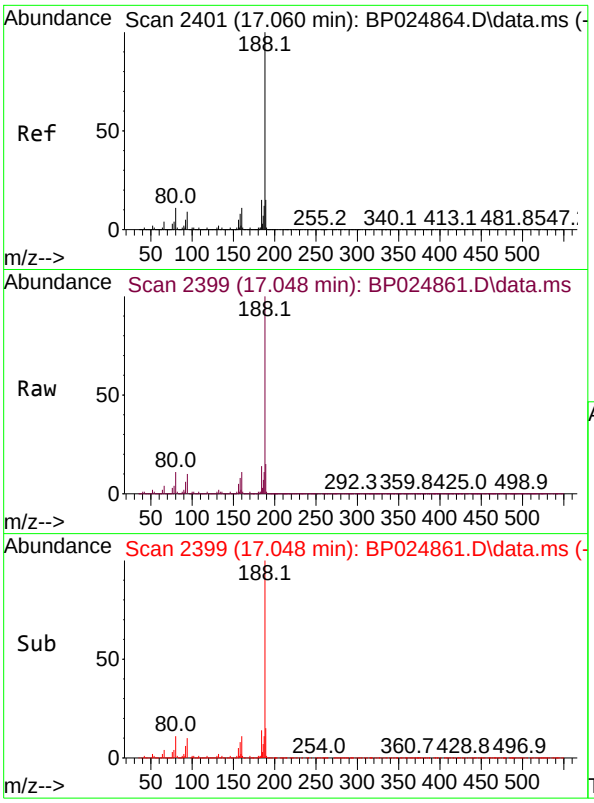


#63
Azobenzene
Concen: 4.990 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 77 Resp: 190856

Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.4	45.4
105	20.8	0.8	40.8
51	27.1	8.1	48.1

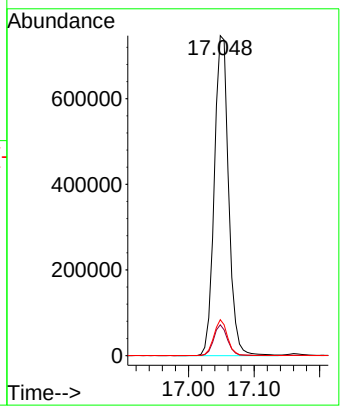




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:188 Resp: 113488

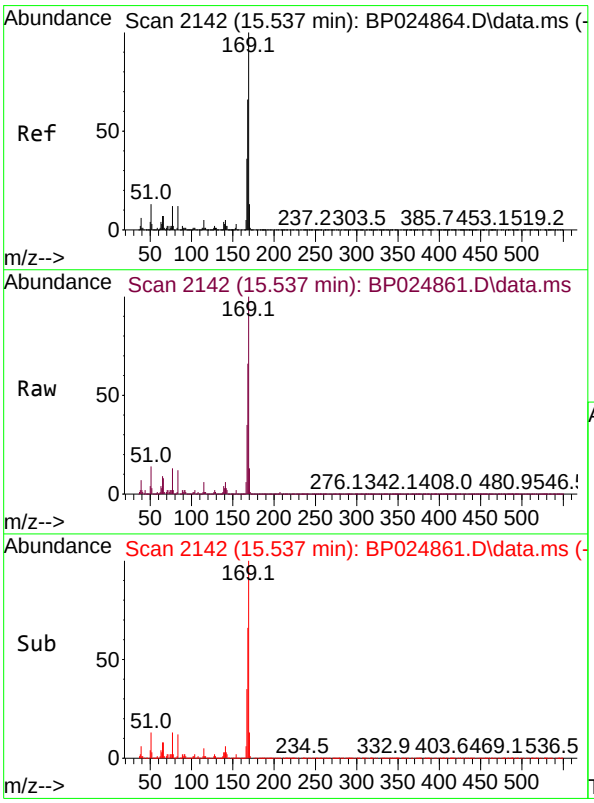
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	11.2	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

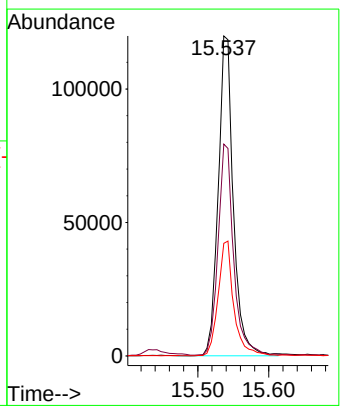
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

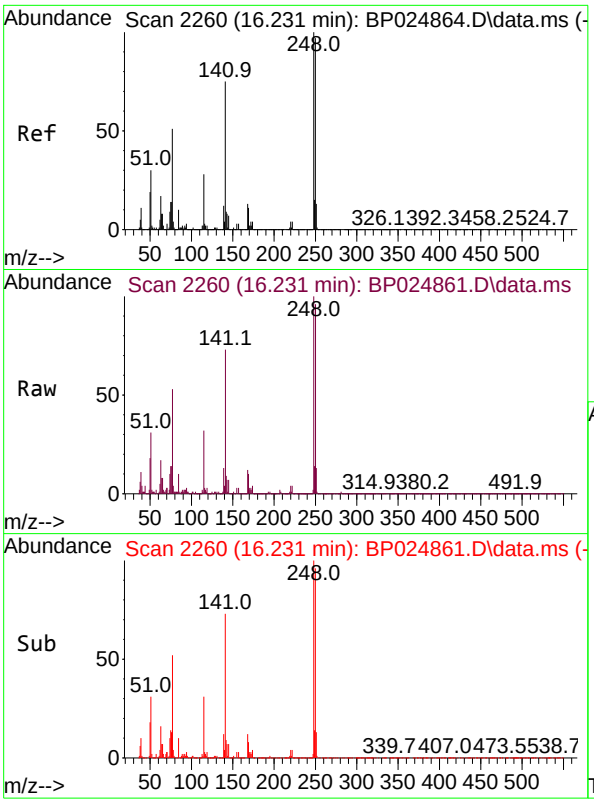


#66
n-Nitrosodiphenylamine
Concen: 5.056 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:169 Resp: 177845

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	35.2	28.6	43.0

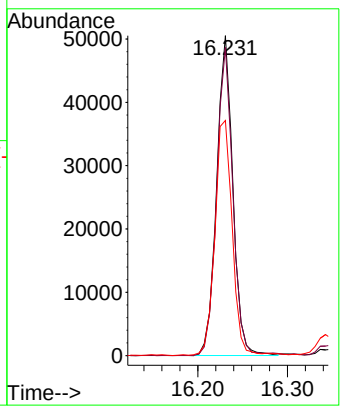




#67
4-Bromophenyl-phenylether
Concen: 4.973 ng
RT: 16.231 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:248 Resp: 6367

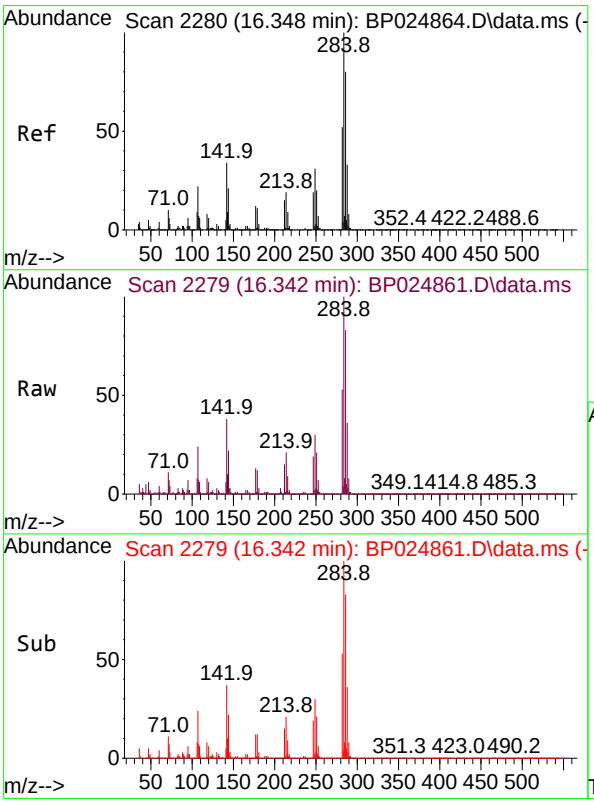
Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	73.5	59.9	89.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

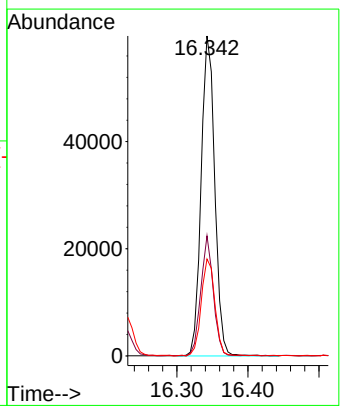
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

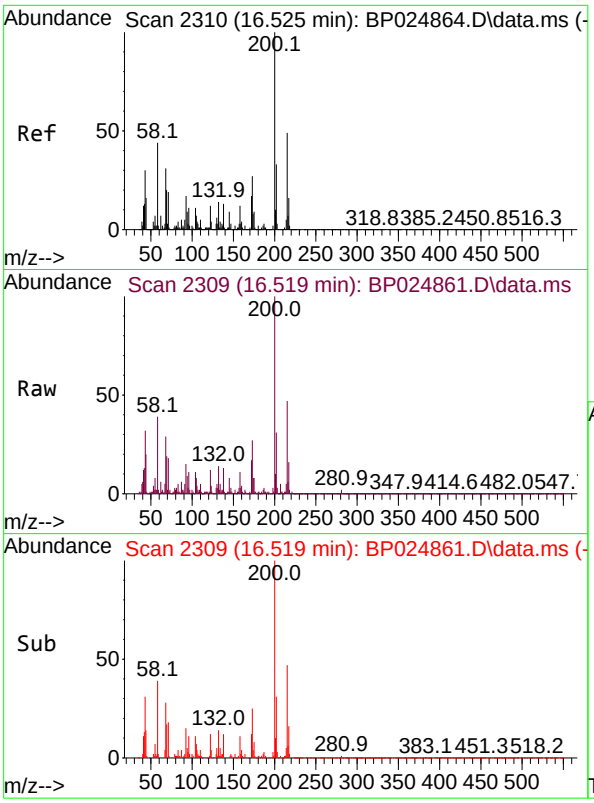


#68
Hexachlorobenzene
Concen: 5.087 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:284 Resp: 78966

Ion	Ratio	Lower	Upper
284	100		
142	37.5	27.0	40.6
249	30.3	25.0	37.6

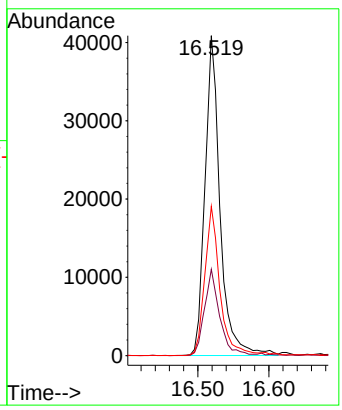




#69
Atrazine
Concen: 4.730 ng
RT: 16.519 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:200 Resp: 6032

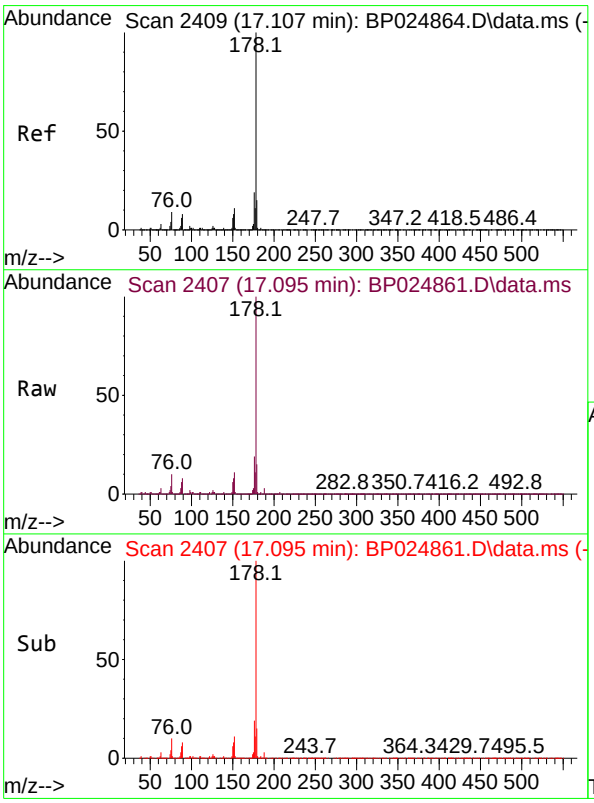
Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	46.6	28.7	68.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

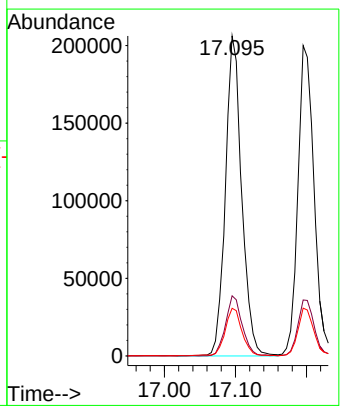
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

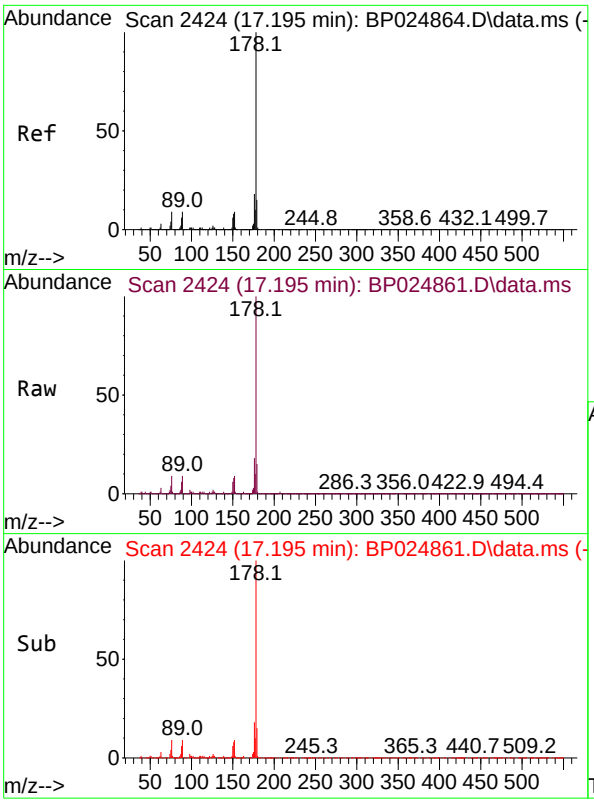


#71
Phenanthrene
Concen: 5.237 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:178 Resp: 328431

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.9	12.1	18.1





#72
Anthracene
Concen: 5.043 ng
RT: 17.195 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

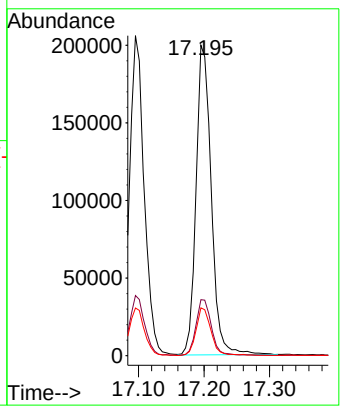
Tgt Ion:178 Resp: 32030

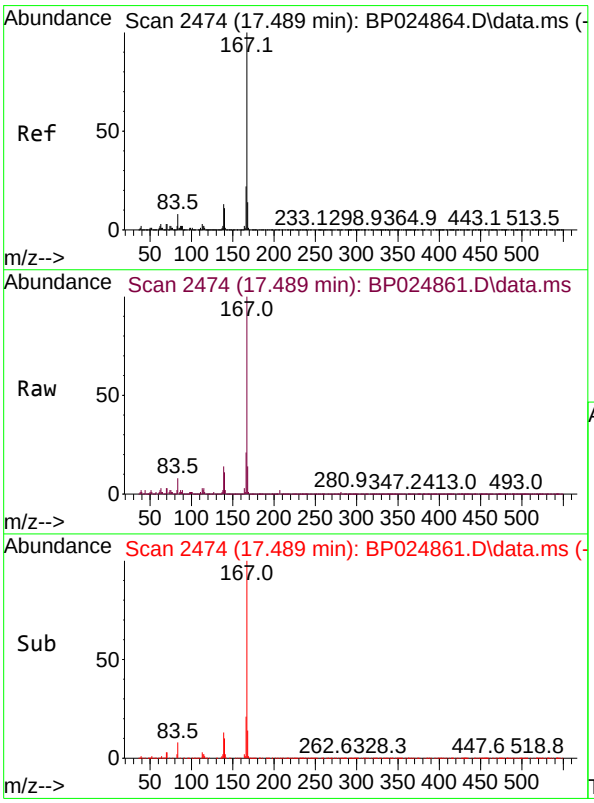
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.4	12.3	18.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

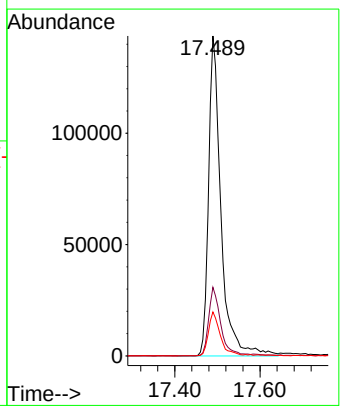


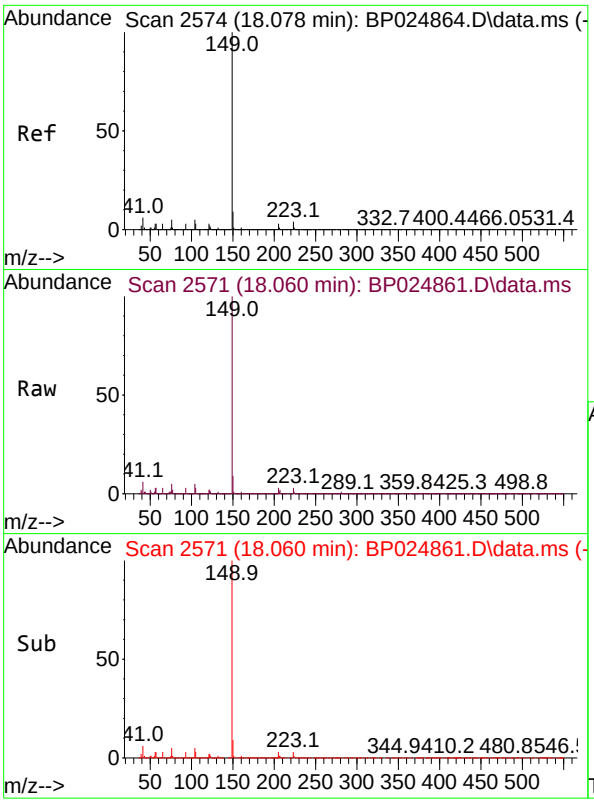


#73
Carbazole
Concen: 4.932 ng
RT: 17.489 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:167 Resp: 290344

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.7	10.8	16.2

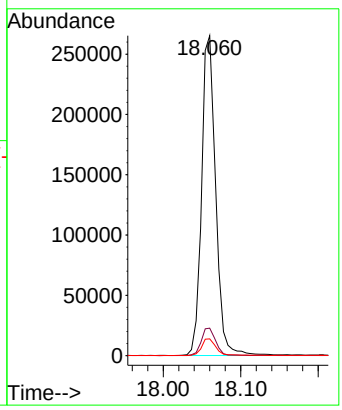




#74
Di-n-butylphthalate
Concen: 4.580 ng
RT: 18.060 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:149 Resp: 33408

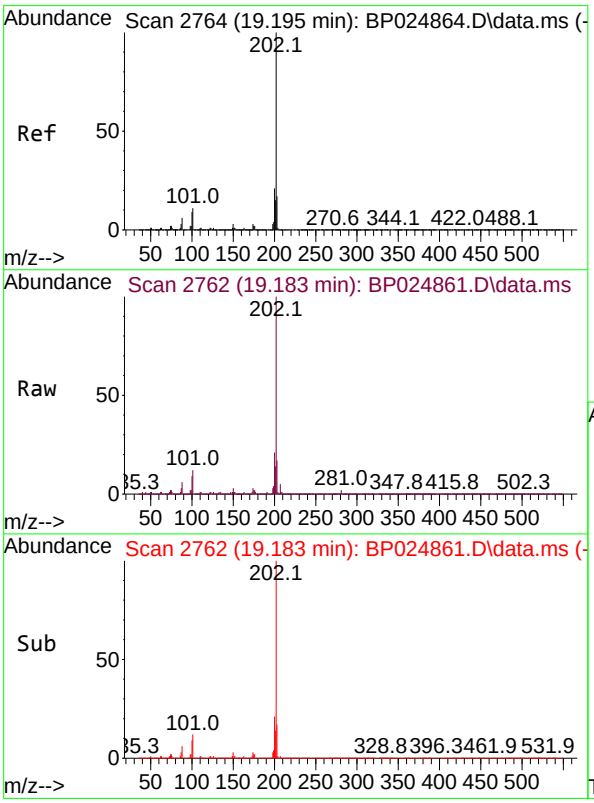
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.4	11.2
104	5.2	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

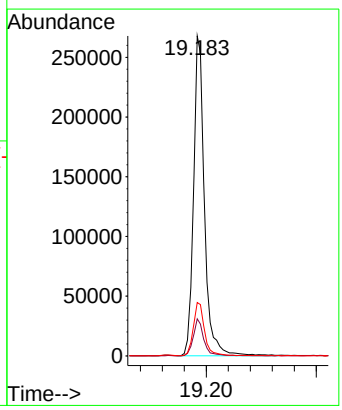
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

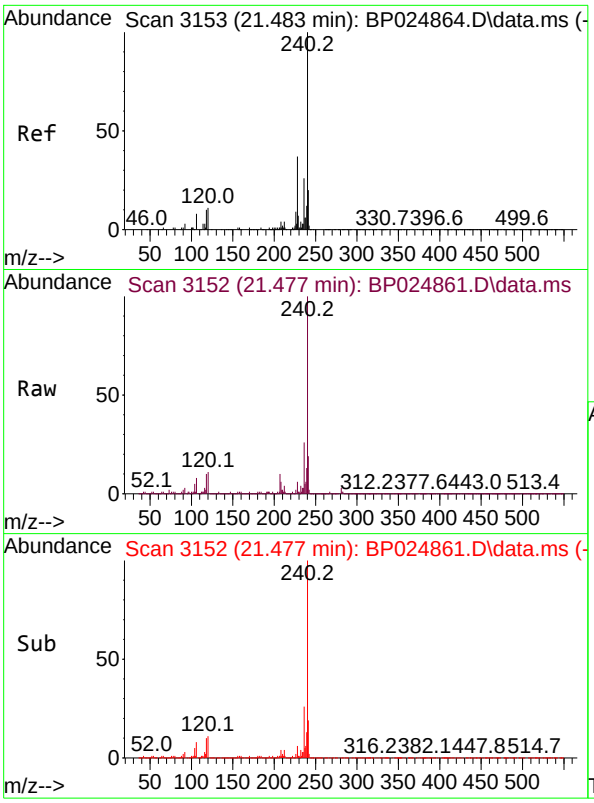


#75
Fluoranthene
Concen: 5.074 ng
RT: 19.183 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:202 Resp: 368810

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	16.7	0.0	37.5

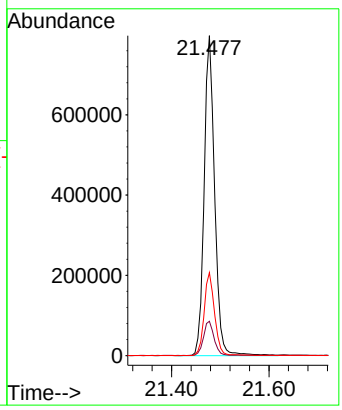




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:240 Resp: 119401

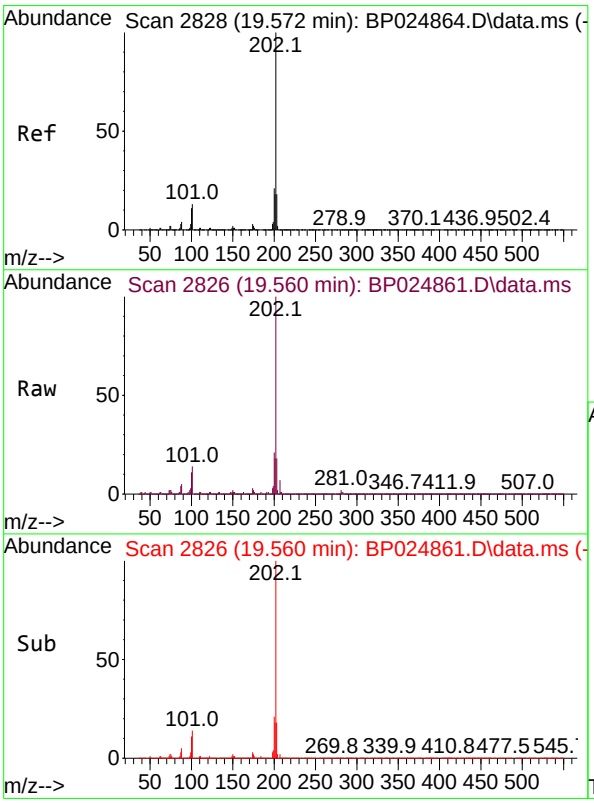
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.9	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

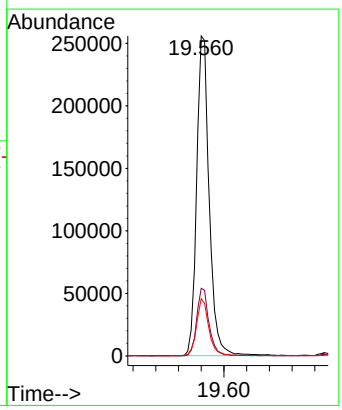
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

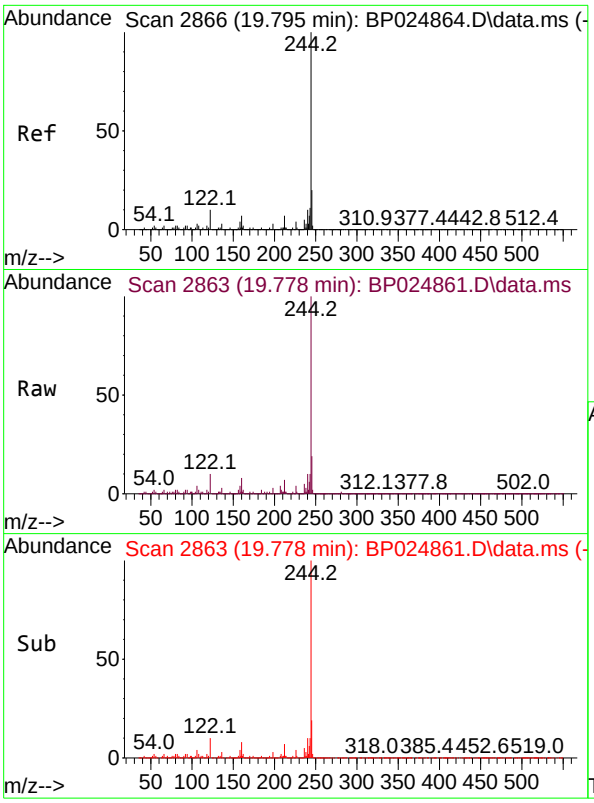


#78
Pyrene
Concen: 5.228 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:202 Resp: 389995

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	14.0	21.0

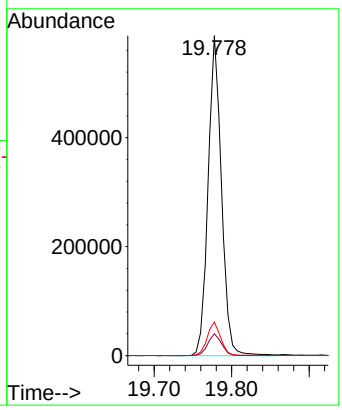




#79
Terphenyl-d14
Concen: 10.560 ng
RT: 19.778 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:244 Resp: 70350

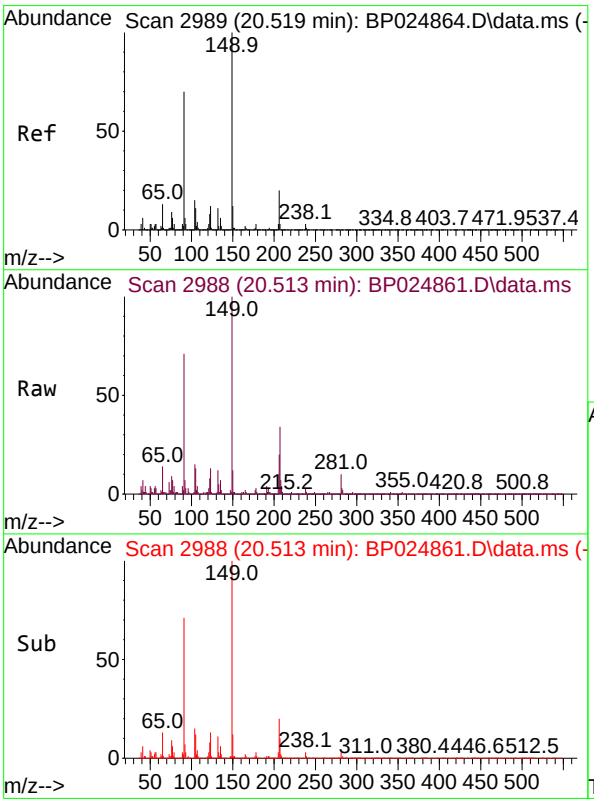
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.5	7.7	11.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

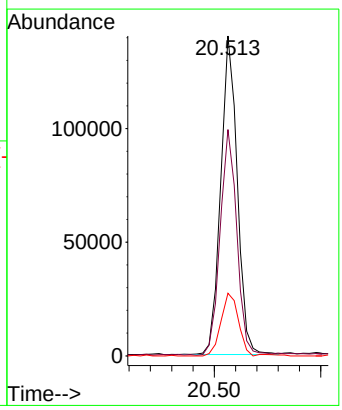
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

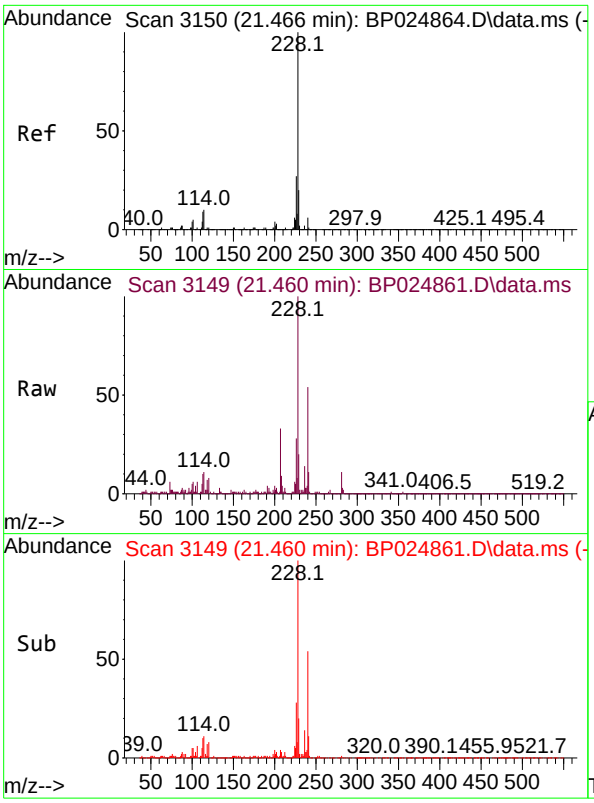


#80
Butylbenzylphthalate
Concen: 4.439 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:149 Resp: 151685

Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.8	83.8
206	19.6	16.2	24.2

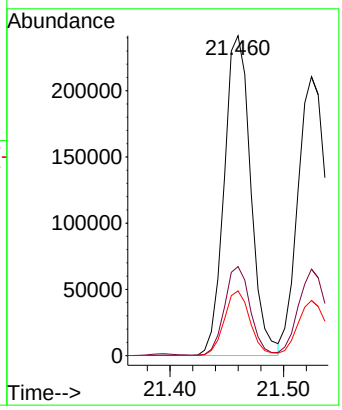




#81
Benzo(a)anthracene
Concen: 5.130 ng
RT: 21.460 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:228 Resp: 39177

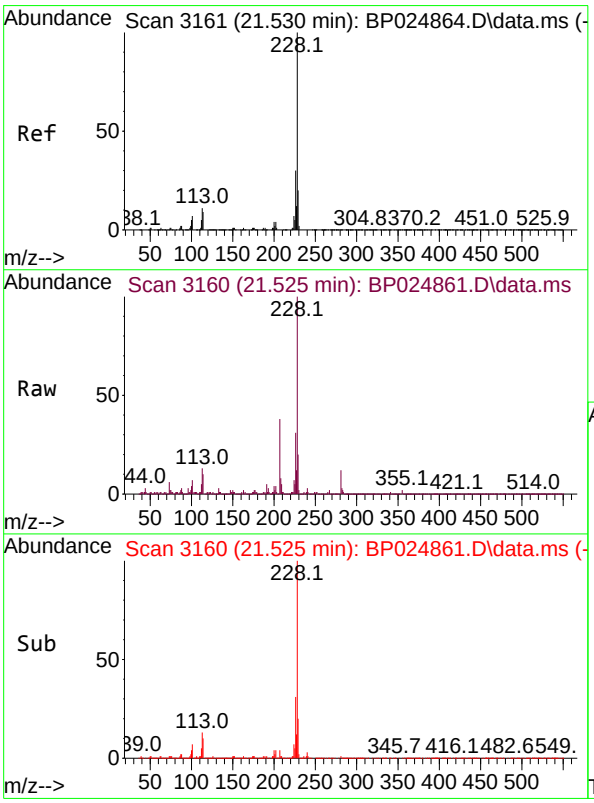
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

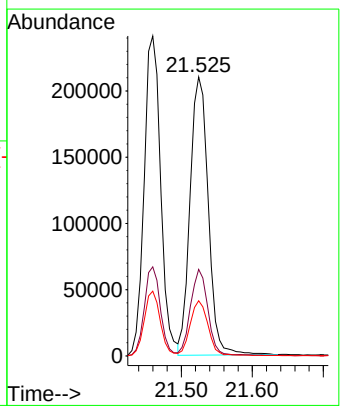
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

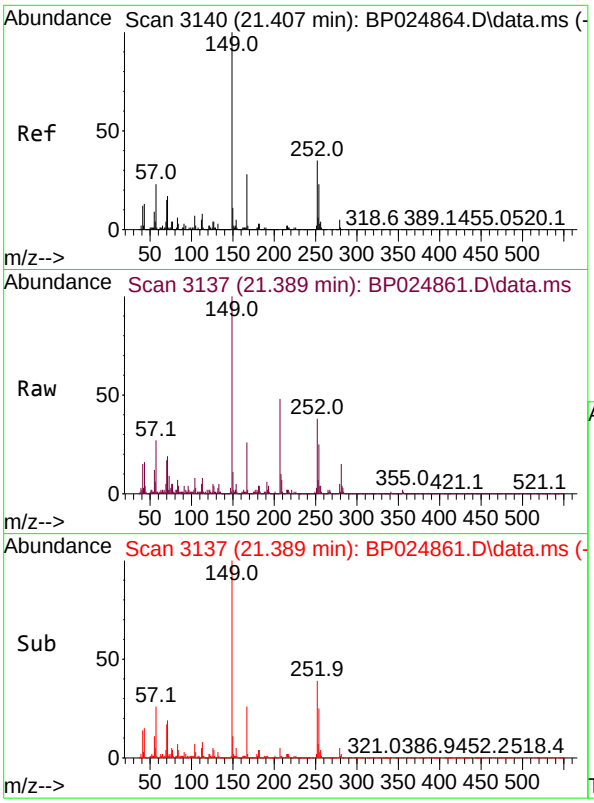


#83
Chrysene
Concen: 5.165 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:228 Resp: 373726

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	19.7	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.362 ng
RT: 21.389 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

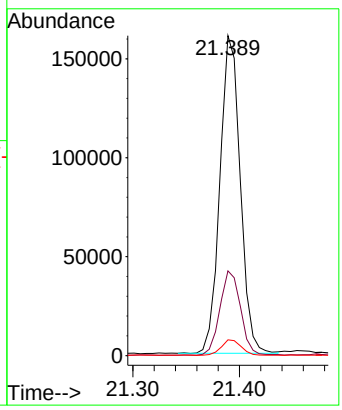
Tgt Ion:149 Resp: 213559

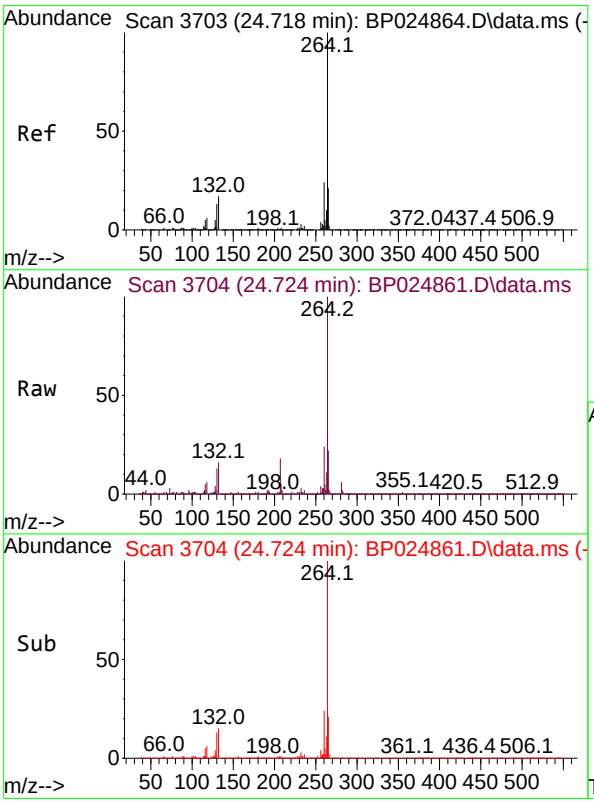
Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.4
279	4.9	4.0	6.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

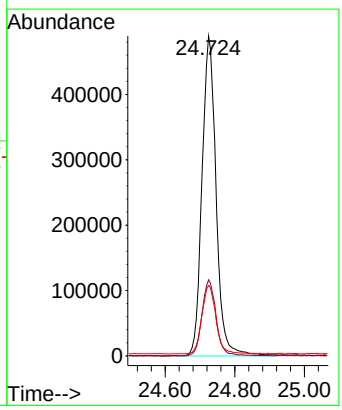


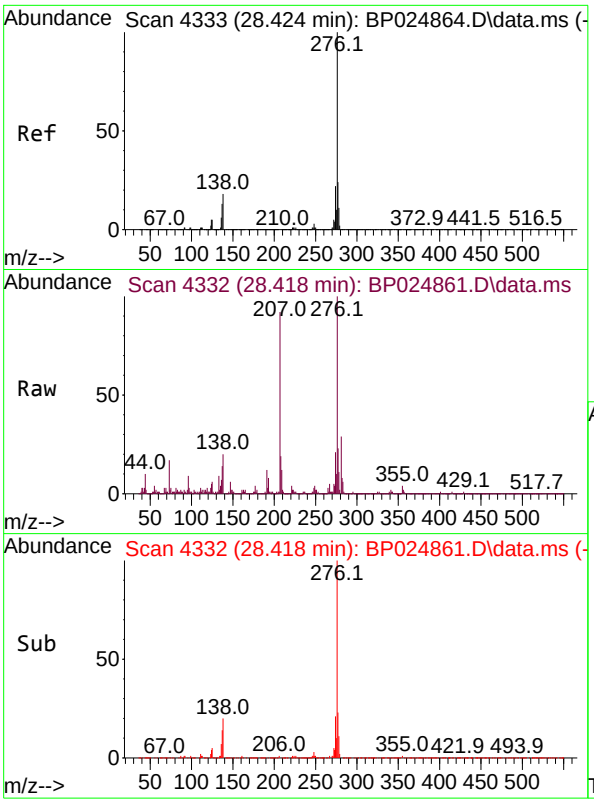


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:264 Resp: 1376894

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.0	17.4	26.0

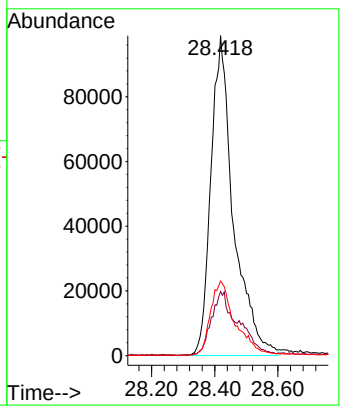




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.889 ng
RT: 28.418 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:276 Resp: 49116

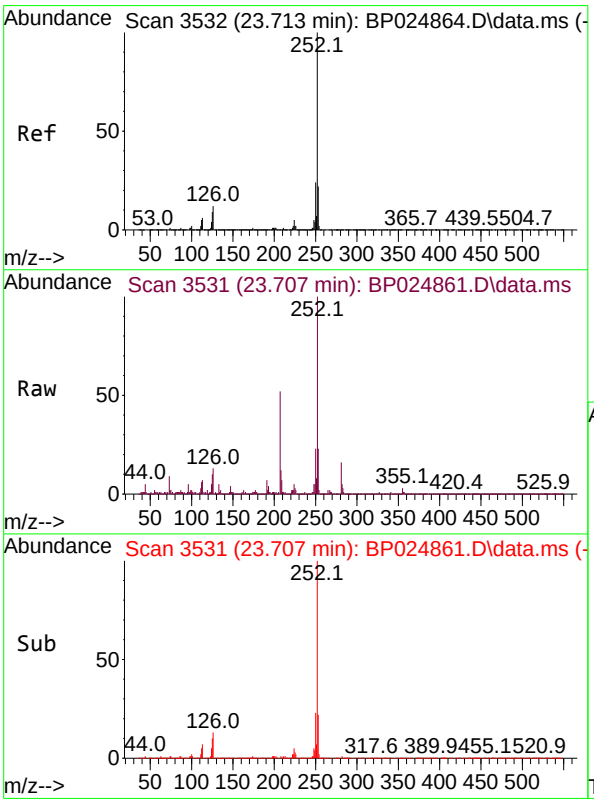
Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.6	27.8
277	25.7	20.2	30.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

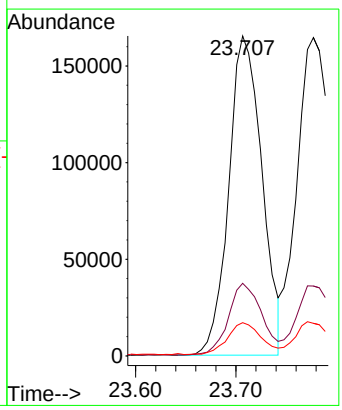
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

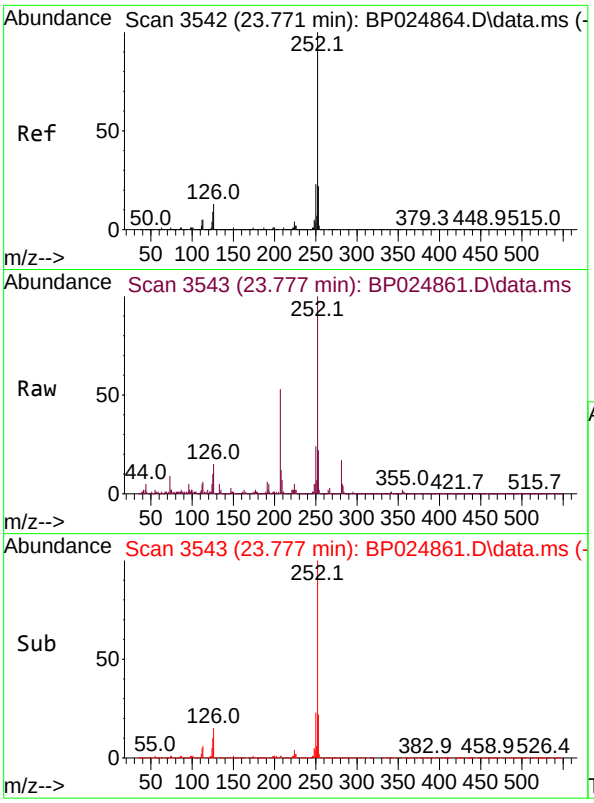


#88
Benzo(b)fluoranthene
Concen: 4.817 ng
RT: 23.707 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:252 Resp: 379596

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.4	7.1	10.7

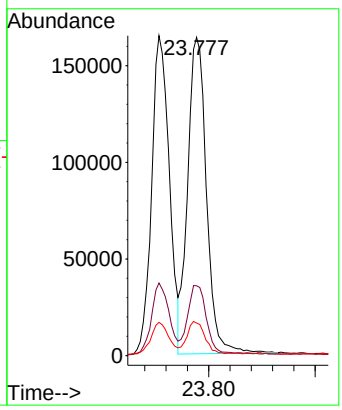




#89
Benzo(k)fluoranthene
Concen: 4.998 ng
RT: 23.777 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:252 Resp: 40087

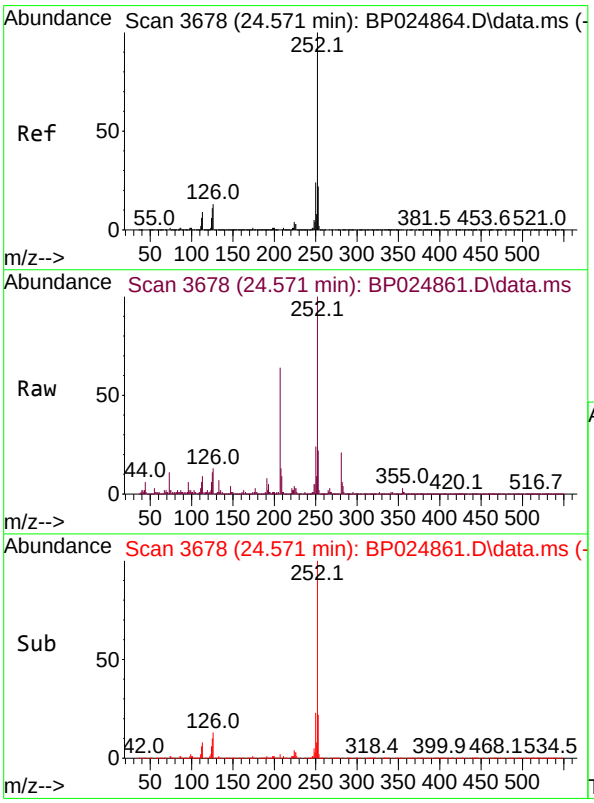
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

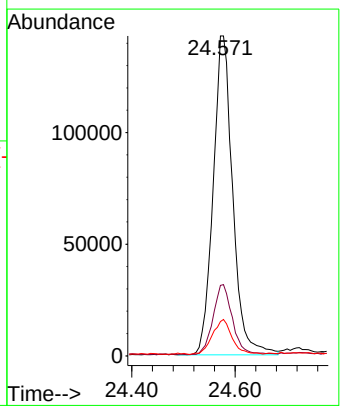
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

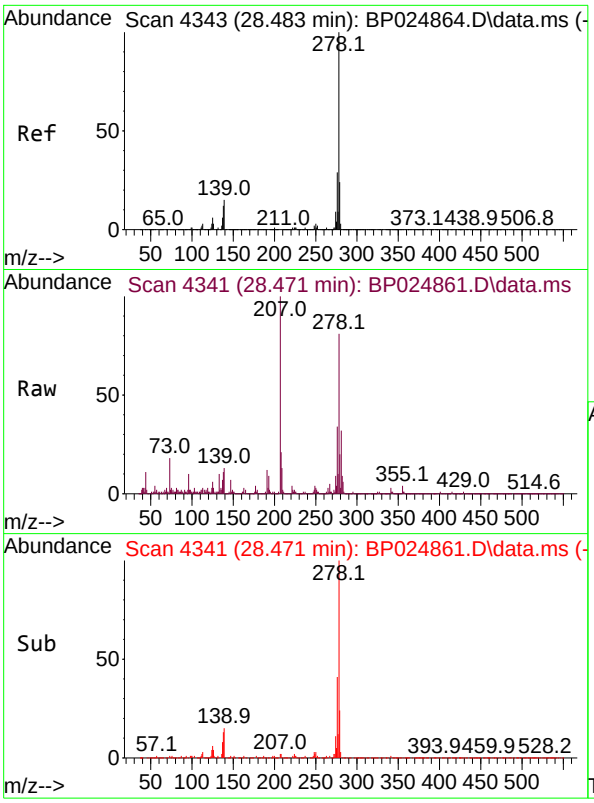


#90
Benzo(a)pyrene
Concen: 4.901 ng
RT: 24.571 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:252 Resp: 377184

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.7	8.8	13.2

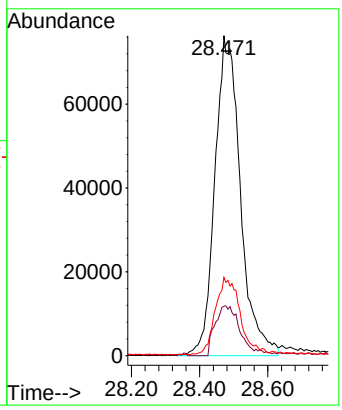




#91
Dibenzo(a,h)anthracene
Concen: 4.846 ng
RT: 28.471 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:278 Resp: 39628

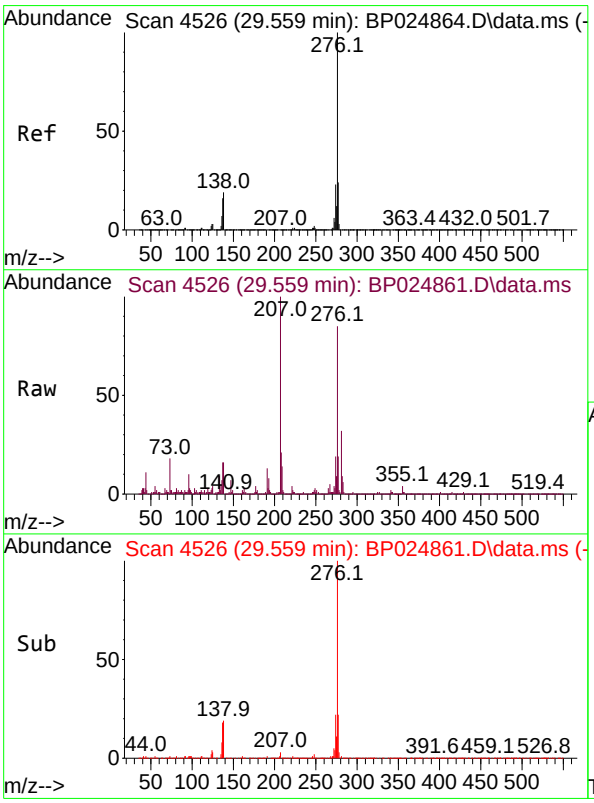
Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.0	18.0
279	24.4	19.1	28.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

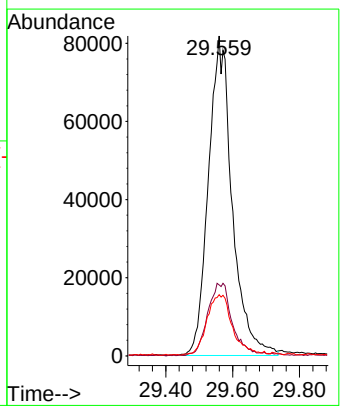
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 4.974 ng
RT: 29.559 min Scan# 4526
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:276 Resp: 403533

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	19.1	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024862.D
Acq On : 06 Jun 2025 11:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.613	152	222073	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	929717	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	594373	20.000	ng		0.00
64) Phenanthrene-d10	17.048	188	1185891	20.000	ng		-0.01
76) Chrysene-d12	21.472	240	1377321	20.000	ng		-0.01
86) Perylene-d12	24.718	264	1582534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.249	112	253023	19.018	ng		0.00
7) Phenol-d6	6.819	99	339256	19.273	ng		0.00
23) Nitrobenzene-d5	8.760	82	369077	19.290	ng		0.00
42) 2,4,6-Tribromophenol	15.772	330	156861	19.089	ng		-0.01
45) 2-Fluorobiphenyl	12.854	172	896004	20.308	ng		0.00
79) Terphenyl-d14	19.778	244	1478395	19.238	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	58704	10.028	ng		98
3) Pyridine	3.578	79	131346	9.330	ng		98
4) n-Nitrosodimethylamine	3.490	42	53104	9.227	ng	#	98
6) Aniline	6.961	93	210089	9.352	ng		99
8) 2-Chlorophenol	7.196	128	143265	9.499	ng		98
9) Benzaldehyde	6.772	77	115279m	11.330	ng		
10) Phenol	6.849	94	173645	9.569	ng		98
11) bis(2-Chloroethyl)ether	7.049	93	141777	9.934	ng		99
12) 1,3-Dichlorobenzene	7.502	146	168166	9.995	ng		99
13) 1,4-Dichlorobenzene	7.643	146	167333	9.857	ng		99
14) 1,2-Dichlorobenzene	7.960	146	181774	10.904	ng		98
15) Benzyl Alcohol	7.866	79	126194	9.341	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.131	45	192365	10.298	ng		96
17) 2-Methylphenol	8.078	107	127589	10.069	ng		98
18) Hexachloroethane	8.672	117	62735	9.815	ng		95
19) n-Nitroso-di-n-propyla...	8.413	70	122711	10.254	ng		97
20) 3+4-Methylphenols	8.408	107	167301	9.677	ng		94
22) Acetophenone	8.431	105	242331	10.317	ng	#	98
24) Nitrobenzene	8.802	77	163008	9.590	ng		99
25) Isophorone	9.325	82	315027	9.500	ng		100
26) 2-Nitrophenol	9.513	139	72892	8.692	ng		97
27) 2,4-Dimethylphenol	9.590	122	132781	9.251	ng		97
28) bis(2-Chloroethoxy)met...	9.802	93	189690	9.590	ng		98
29) 2,4-Dichlorophenol	10.072	162	126522	9.187	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	148252	9.544	ng		97
31) Naphthalene	10.425	128	474962	9.969	ng		99
32) Benzoic acid	9.731	122	74032m	7.736	ng		
33) 4-Chloroaniline	10.566	127	186400	9.338	ng		98
34) Hexachlorobutadiene	10.707	225	92498	9.880	ng		97
35) Caprolactam	11.337	113	45366	8.949	ng		98
36) 4-Chloro-3-methylphenol	11.707	107	149607	9.418	ng		97
37) 2-Methylnaphthalene	12.043	142	296478	9.810	ng		98
38) 1-Methylnaphthalene	12.266	142	316179	9.786	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	166771	9.888	ng		99
41) Hexachlorocyclopentadiene	12.396	237	76916	7.477	ng		97
43) 2,4,6-Trichlorophenol	12.684	196	104746	9.248	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024862.D
Acq On : 06 Jun 2025 11:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	112735	9.294	ng	99
46) 1,1'-Biphenyl	13.072	154	432819	10.020	ng	99
47) 2-Chloronaphthalene	13.113	162	328060	9.882	ng	98
48) 2-Nitroaniline	13.337	65	96210	9.426	ng	100
49) Acenaphthylene	13.966	152	550191	9.939	ng	98
50) Dimethylphthalate	13.707	163	430821	9.826	ng	100
51) 2,6-Dinitrotoluene	13.831	165	89432	9.461	ng	93
52) Acenaphthene	14.313	154	316133	9.967	ng	98
53) 3-Nitroaniline	14.184	138	86690	8.838	ng	97
54) 2,4-Dinitrophenol	14.413	184	34890	10.838	ng	97
55) Dibenzofuran	14.660	168	511434	10.045	ng	100
56) 4-Nitrophenol	14.572	139	42087	10.135	ng	92
57) 2,4-Dinitrotoluene	14.643	165	123499	9.340	ng	97
58) Fluorene	15.319	166	414235	10.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	103935	9.573	ng	99
60) Diethylphthalate	15.090	149	437955	10.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	198649	9.878	ng	98
62) 4-Nitroaniline	15.372	138	69780	7.841	ng	95
63) Azobenzene	15.619	77	396356	9.890	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	60252	7.732	ng	92
66) n-Nitrosodiphenylamine	15.537	169	360674	9.812	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	127516	9.530	ng	98
68) Hexachlorobenzene	16.342	284	158870	9.794	ng	97
69) Atrazine	16.519	200	125777	9.439	ng	99
70) Pentachlorophenol	16.719	266	62407	7.434	ng	98
71) Phenanthrene	17.089	178	657004	10.025	ng	99
72) Anthracene	17.195	178	648264	9.767	ng	99
73) Carbazole	17.484	167	600475	9.761	ng	100
74) Di-n-butylphthalate	18.060	149	738469	9.688	ng	99
75) Fluoranthene	19.183	202	763158	10.047	ng	98
77) Benzidine	19.401	184	352835	8.271	ng	99
78) Pyrene	19.554	202	823026	9.565	ng	99
80) Butylbenzylphthalate	20.507	149	364314	9.243	ng	97
81) Benzo(a)anthracene	21.448	228	850043	9.650	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	322154	9.212	ng	99
83) Chrysene	21.519	228	808582	9.687	ng	100
84) Bis(2-ethylhexyl)phtha...	21.389	149	536981	9.509	ng	100
85) Di-n-octyl phthalate	22.619	149	909174	9.134	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	1109298	9.607	ng	99
88) Benzo(b)fluoranthene	23.689	252	873515m	9.645	ng	
89) Benzo(k)fluoranthene	23.760	252	905265	9.819	ng	99
90) Benzo(a)pyrene	24.566	252	845698	9.562	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	904527	9.624	ng	99
92) Benzo(g,h,i)perylene	29.542	276	891492	9.560	ng	97

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

ICAL Form

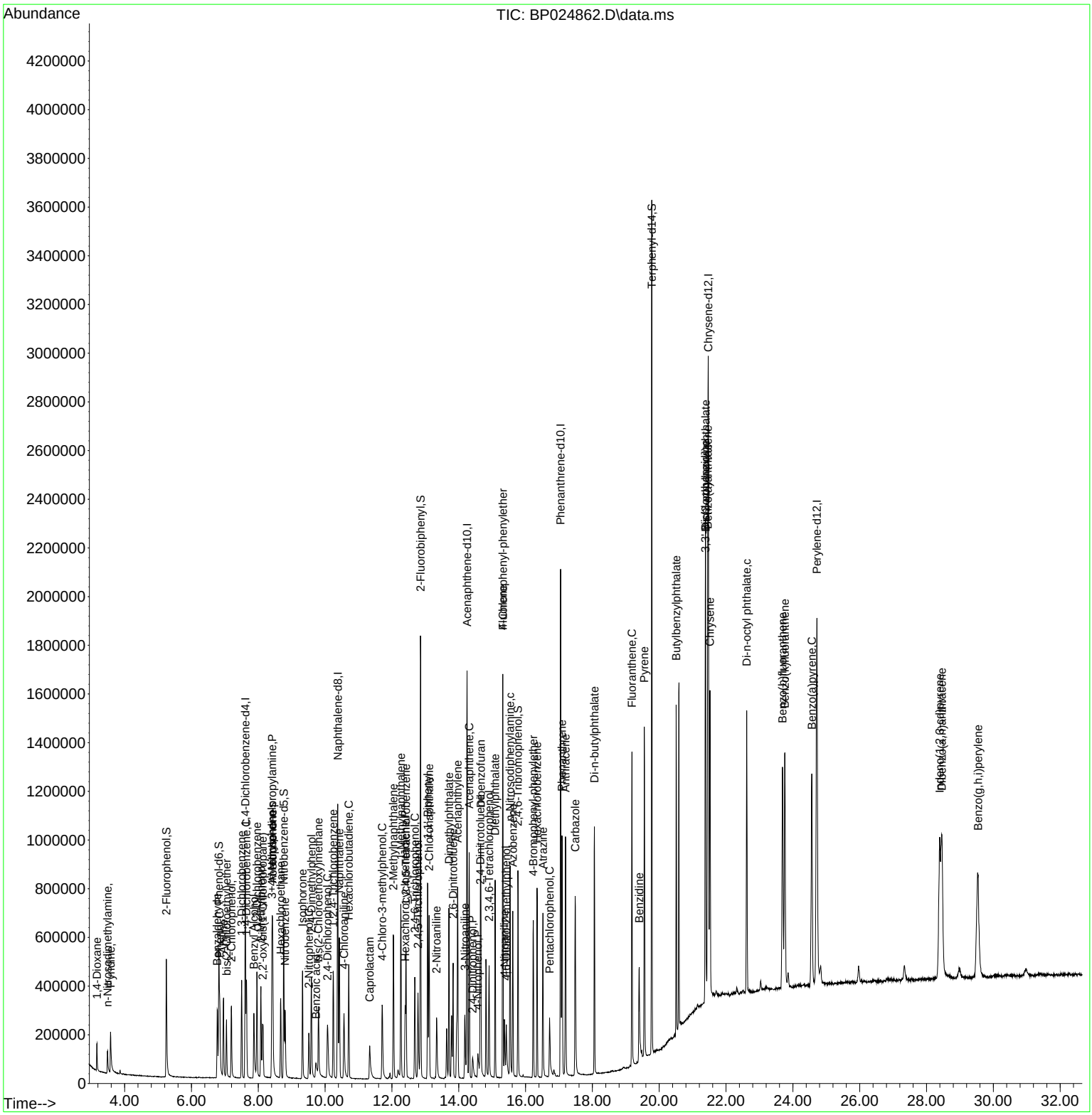
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024862.D
Acq On : 06 Jun 2025 11:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

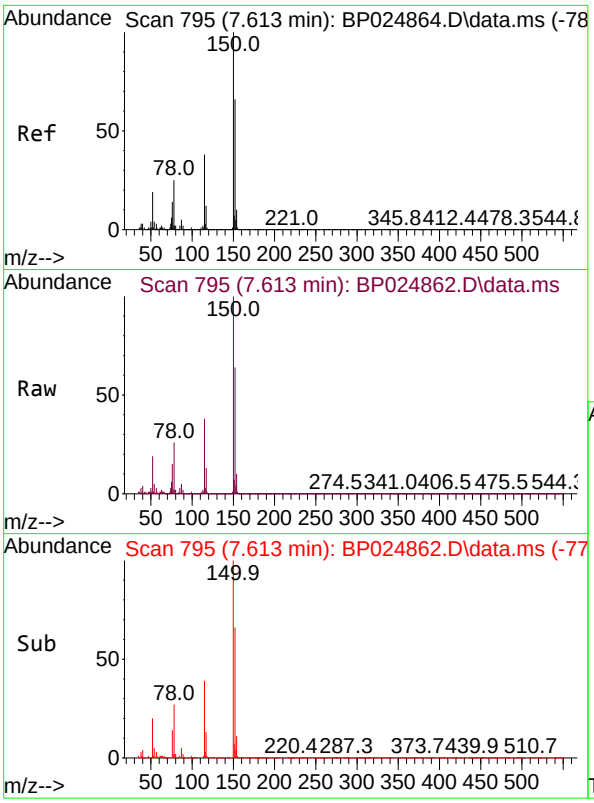
Quant Time: Jun 06 15:59:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

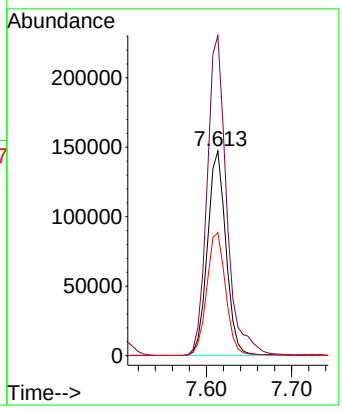




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 79
Delta R.T. 0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:152 Resp: 22207

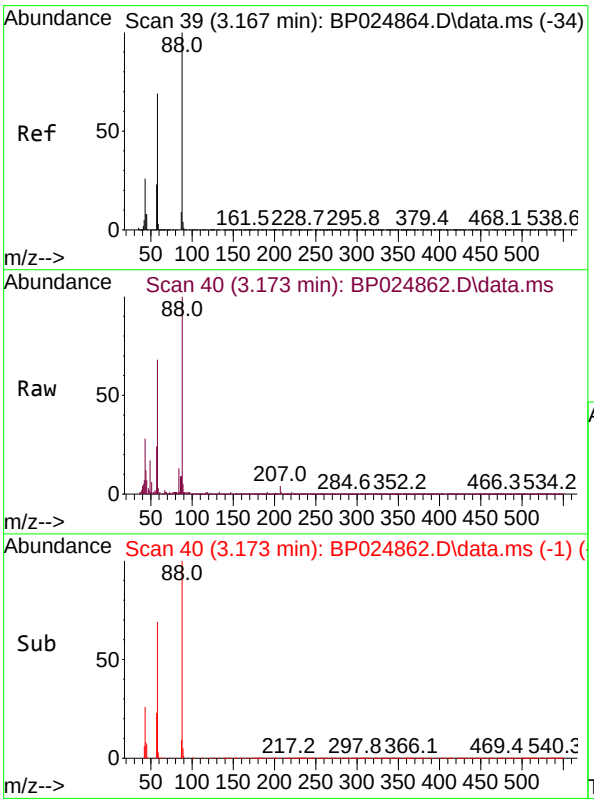
Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.1	183.1
115	60.1	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

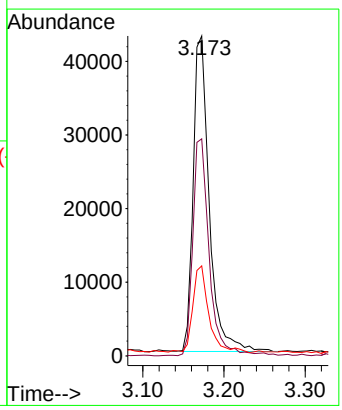
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

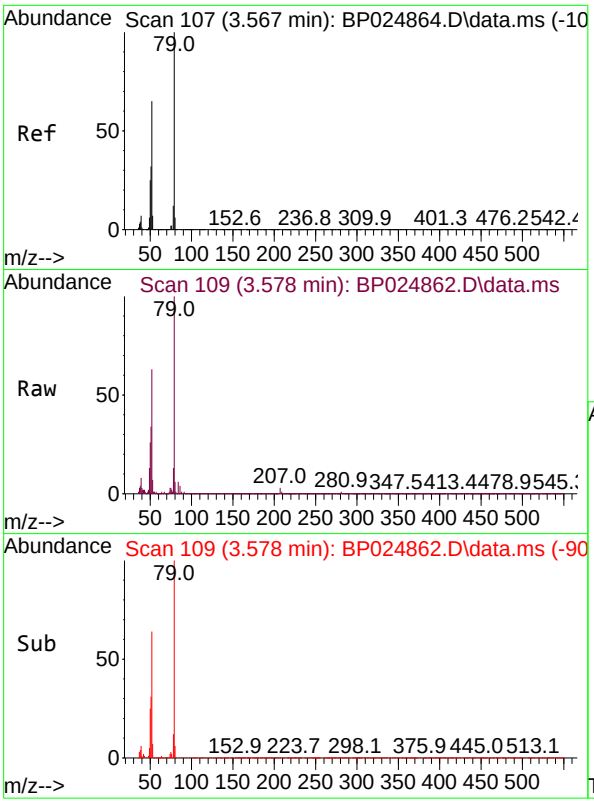


#2
1,4-Dioxane
Concen: 10.028 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 88 Resp: 58704

Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.4	83.0
43	27.4	20.8	31.2

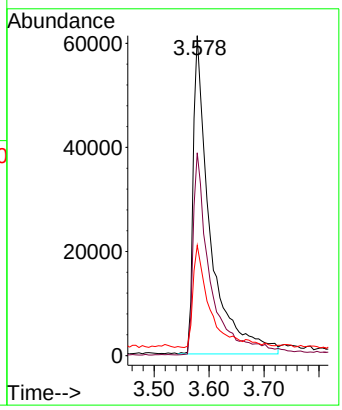




#3
Pyridine
Concen: 9.330 ng
RT: 3.578 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 79 Resp: 13134

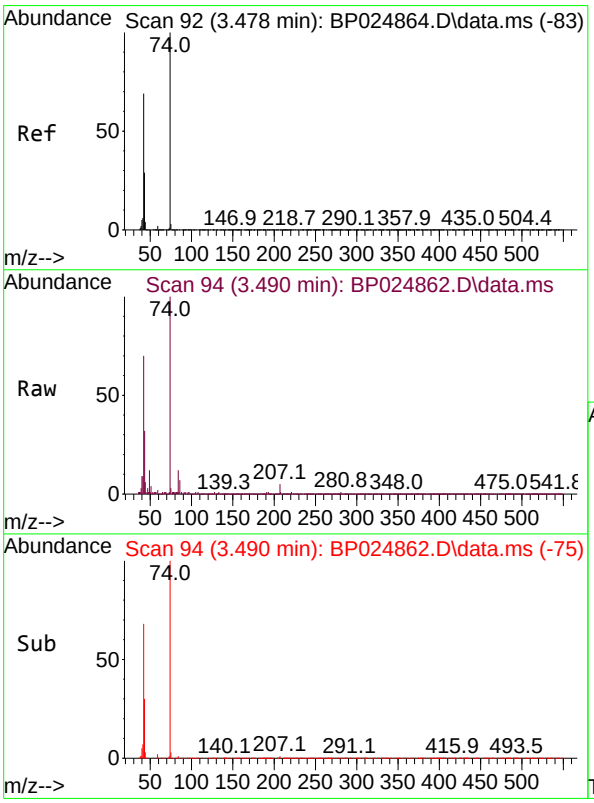
Ion	Ratio	Lower	Upper
79	100		
52	63.4	51.6	77.4
51	34.4	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

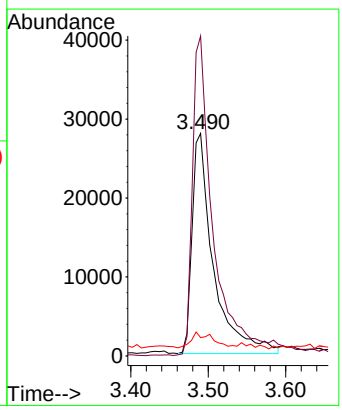
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

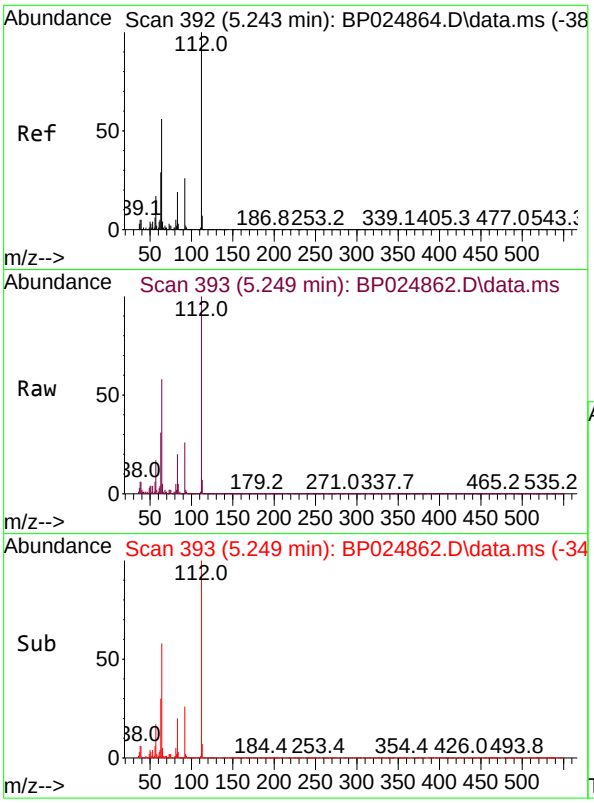


#4
n-Nitrosodimethylamine
Concen: 9.227 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 42 Resp: 53104

Ion	Ratio	Lower	Upper
42	100		
74	143.9	116.6	174.8
44	8.2	5.4	8.0#





#5
2-Fluorophenol
Concen: 19.018 ng
RT: 5.249 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

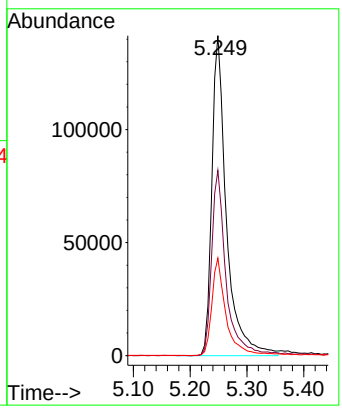
Tgt Ion:112 Resp: 25302

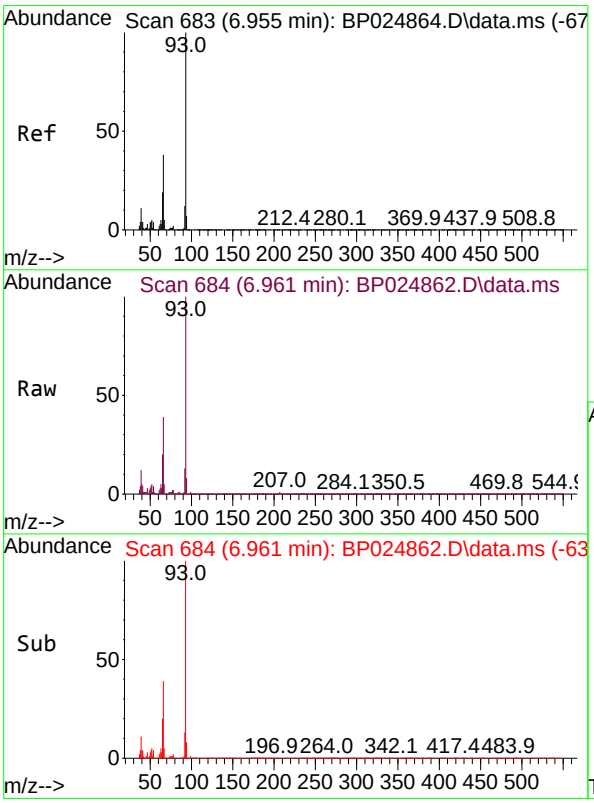
Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.7	67.1
63	30.5	23.5	35.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

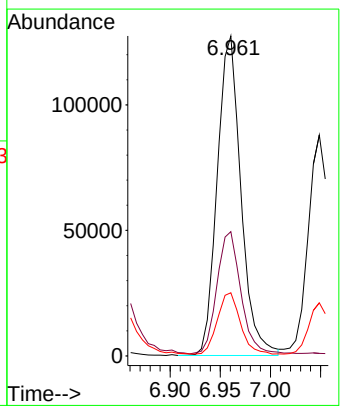


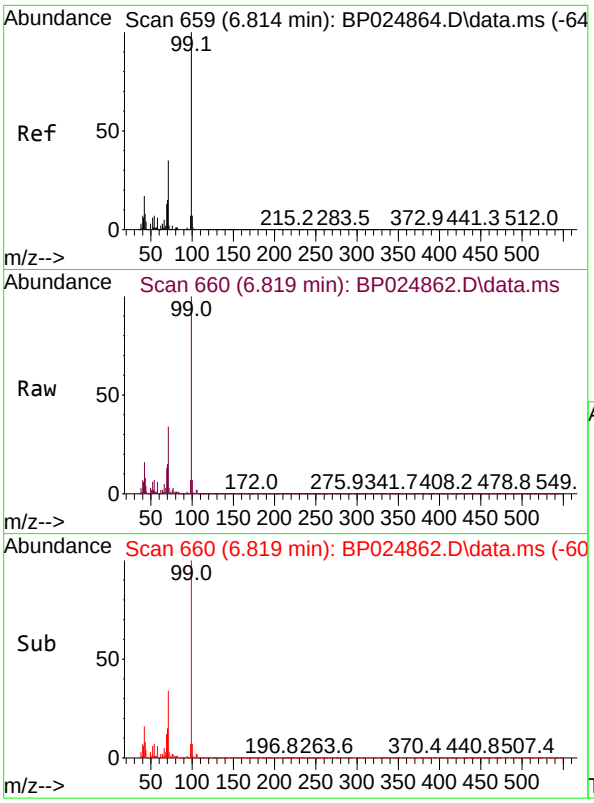


#6
Aniline
Concen: 9.352 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 93 Resp: 210089

Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.9	46.3
65	19.7	15.5	23.3

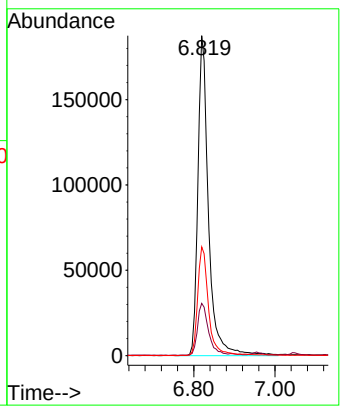




#7
Phenol-d6
Concen: 19.273 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 99 Resp: 33925

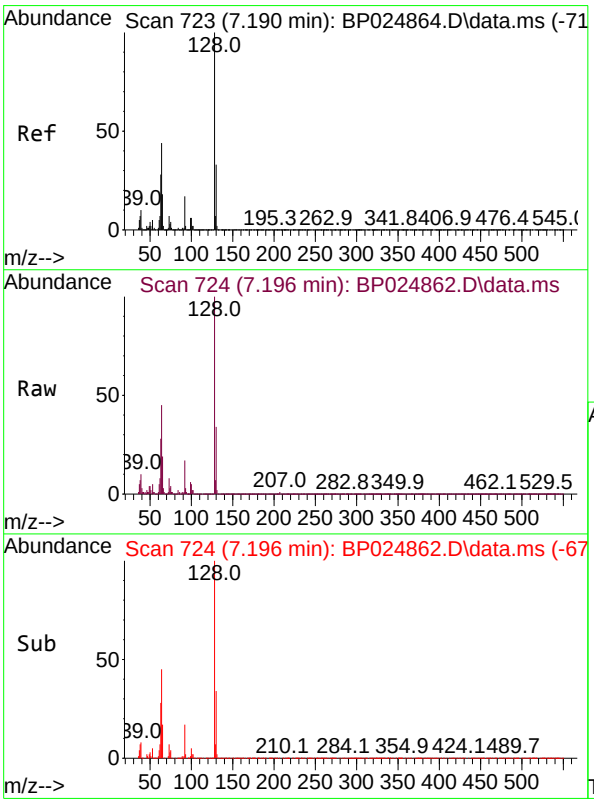
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.0	27.6	41.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

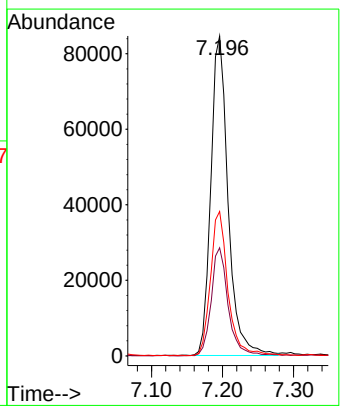
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

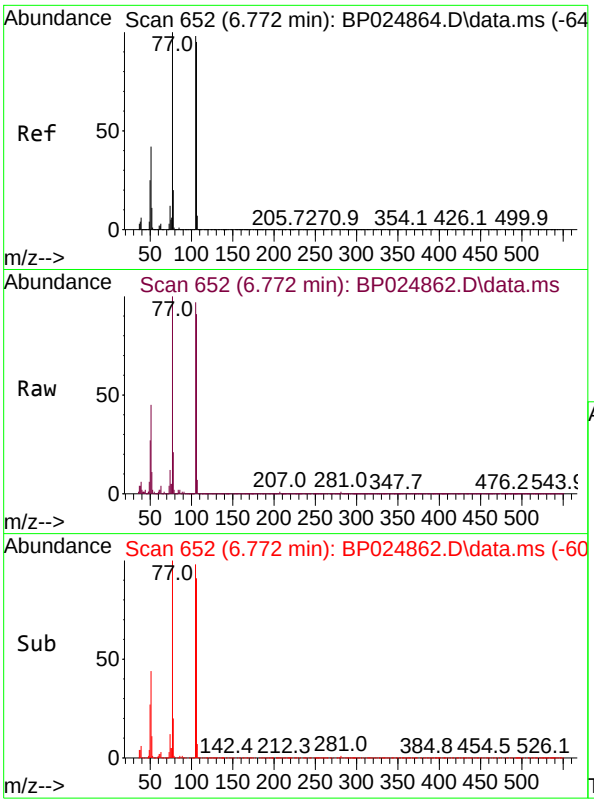


#8
2-Chlorophenol
Concen: 9.499 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:128 Resp: 143265

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	45.2	24.1	64.1

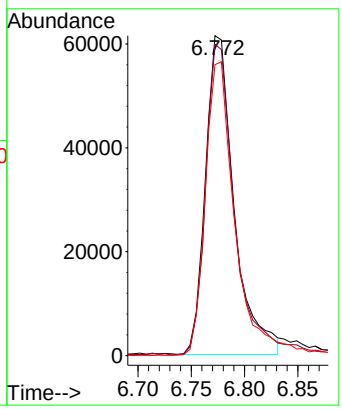




#9
Benzaldehyde
Concen: 11.330 ng m
RT: 6.772 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 77 Resp: 11527

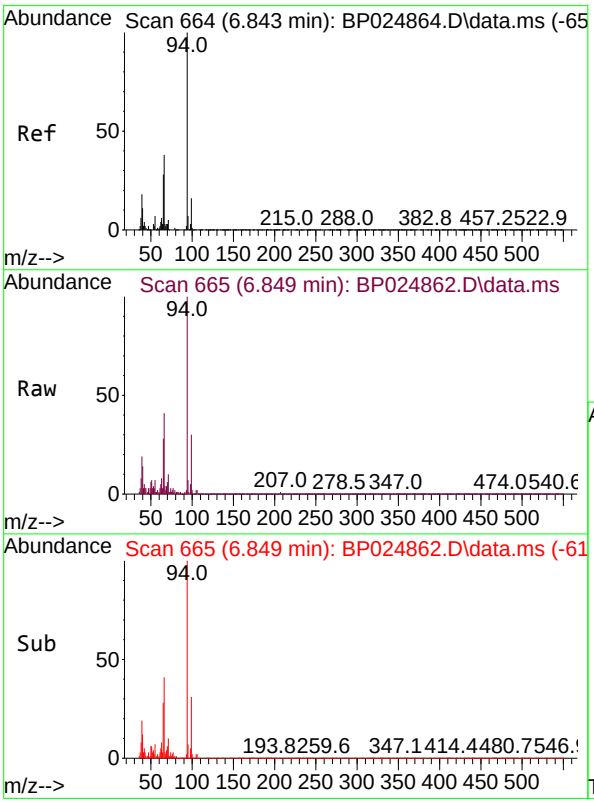
Ion	Ratio	Lower	Upper
77	100		
105	97.3	77.7	117.7
106	90.9	74.8	114.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

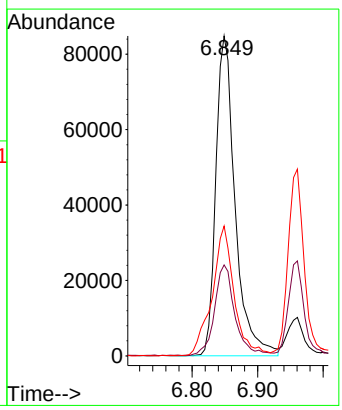
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

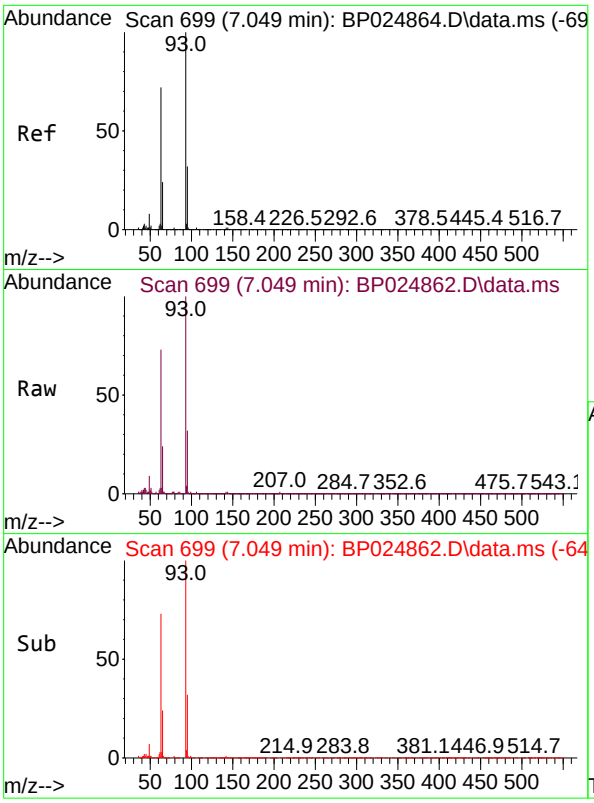


#10
Phenol
Concen: 9.569 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 94 Resp: 173645

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.3	48.3
66	40.6	18.2	58.2

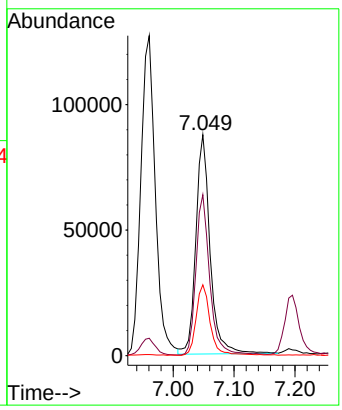




#11
bis(2-Chloroethyl)ether
Concen: 9.934 ng
RT: 7.049 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 93 Resp: 14177

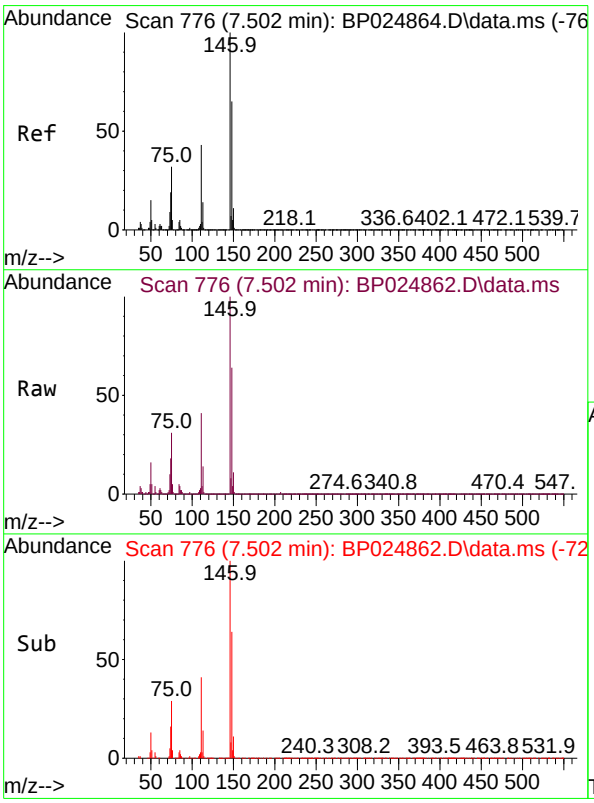
Ion	Ratio	Lower	Upper
93	100		
63	72.9	51.6	91.6
95	32.1	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

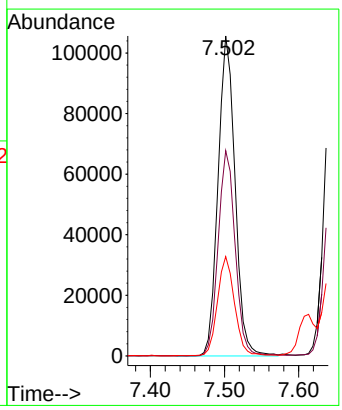
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

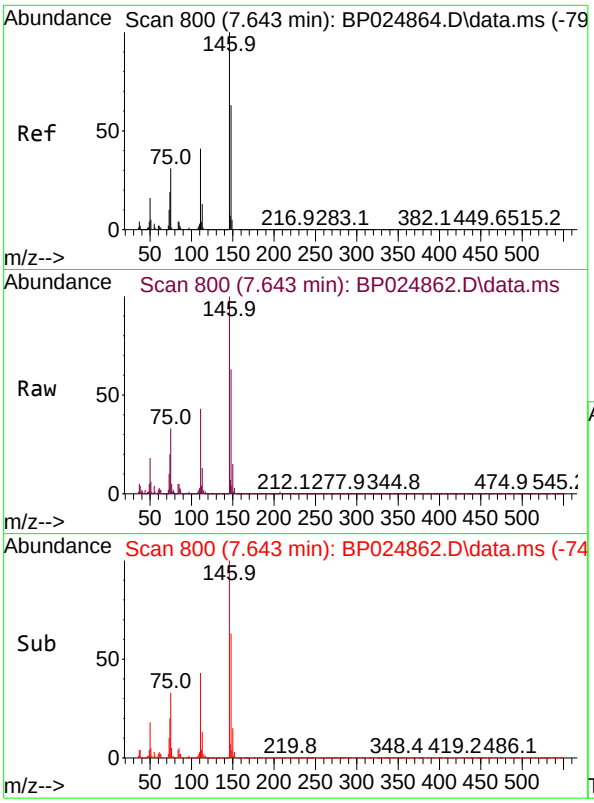


#12
1,3-Dichlorobenzene
Concen: 9.995 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:146 Resp: 168166

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	31.0	25.3	37.9

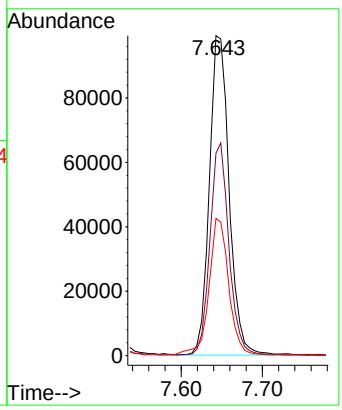




#13
1,4-Dichlorobenzene
Concen: 9.857 ng
RT: 7.643 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:146 Resp: 16733

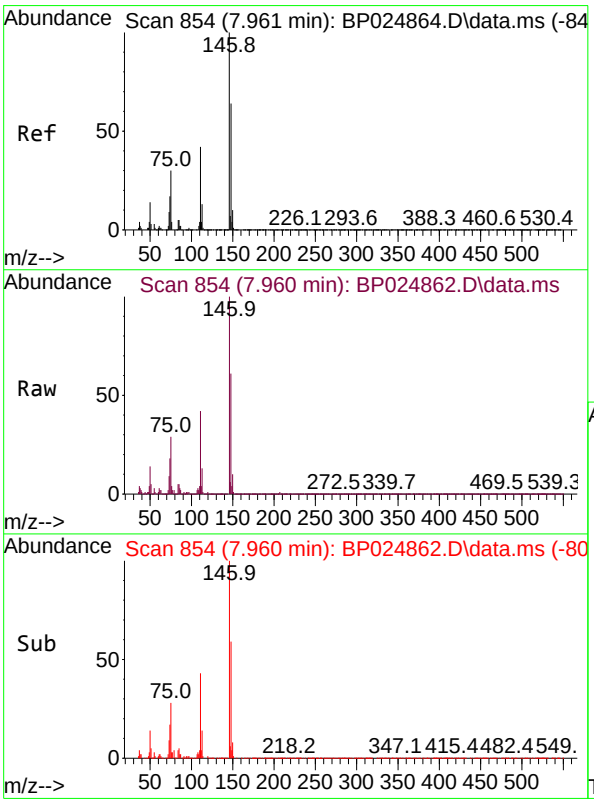
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.9	32.7	49.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

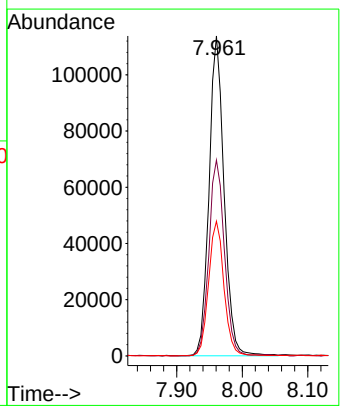
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

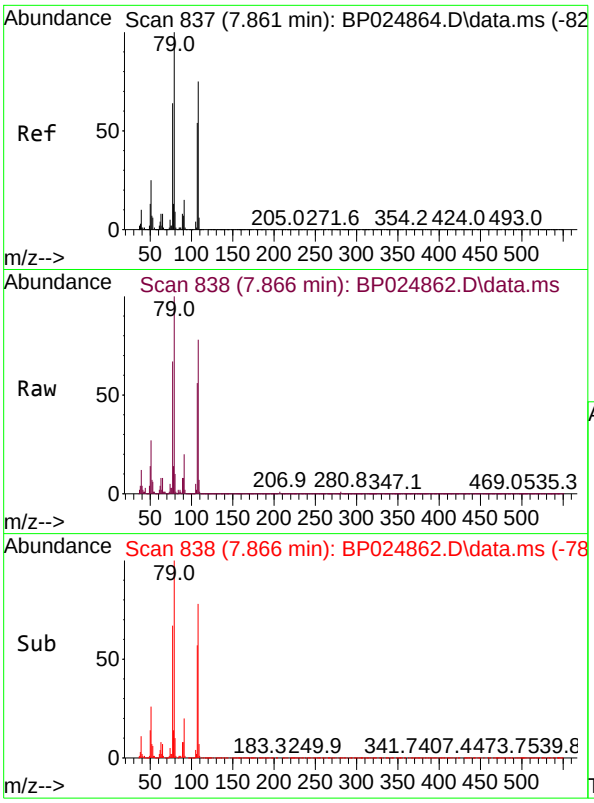


#14
1,2-Dichlorobenzene
Concen: 10.904 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:146 Resp: 181774

Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.4
111	42.1	33.8	50.8

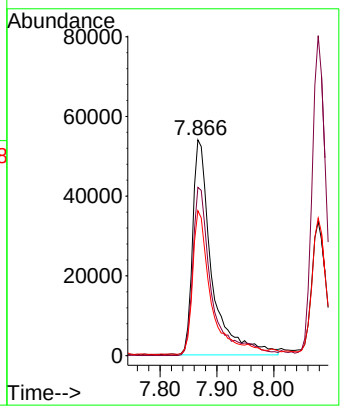




#15
Benzyl Alcohol
Concen: 9.341 ng
RT: 7.866 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 79 Resp: 12619

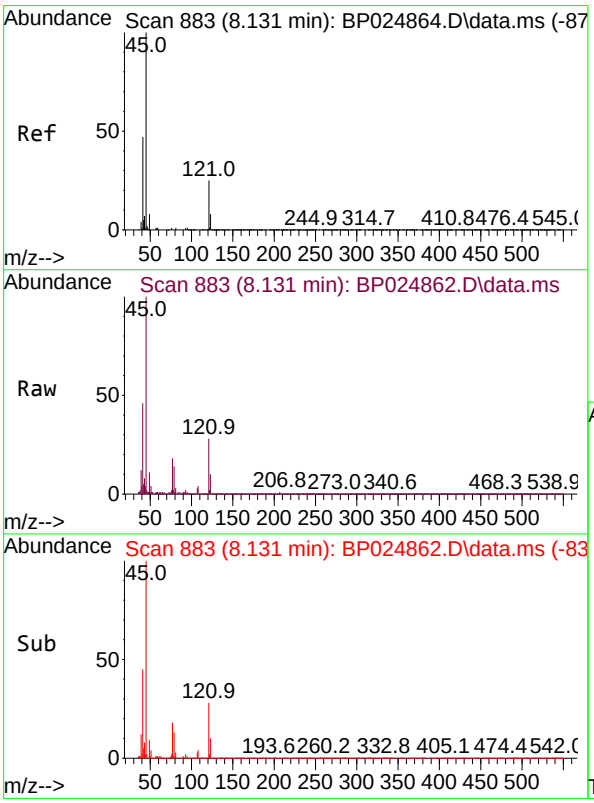
Ion	Ratio	Lower	Upper
79	100		
108	78.0	60.2	90.4
77	67.2	51.2	76.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

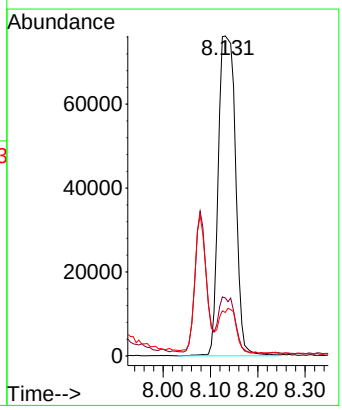
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

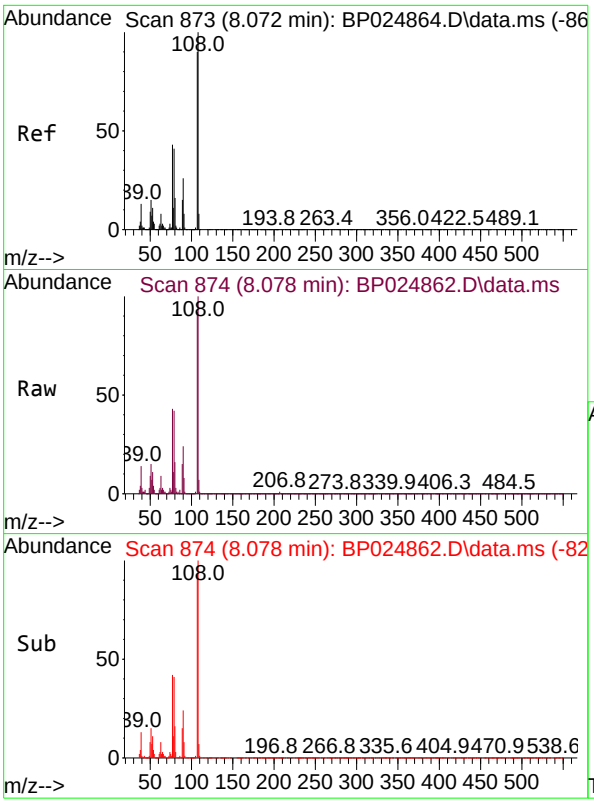


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.298 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 45 Resp: 192365

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	36.3
79	13.6	0.0	32.2

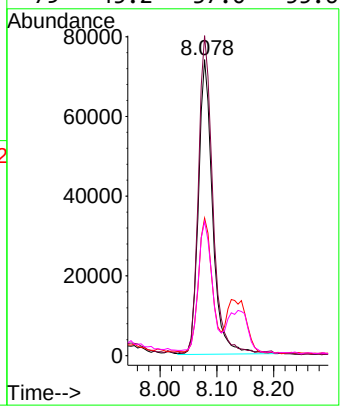




#17
2-Methylphenol
Concen: 10.069 ng
RT: 8.078 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:107 Resp: 12758

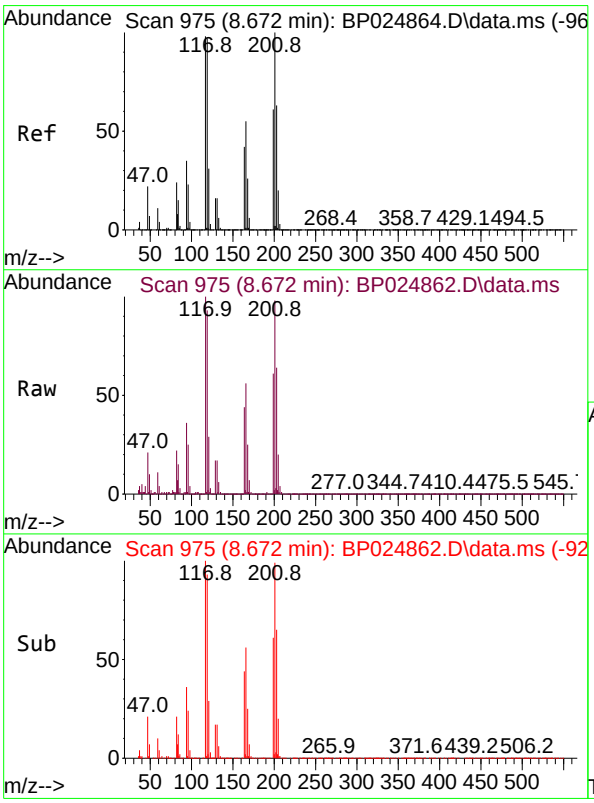
Ion	Ratio	Lower	Upper
107	100		
108	108.1	88.6	132.8
77	46.5	38.5	57.7
79	45.2	37.0	55.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

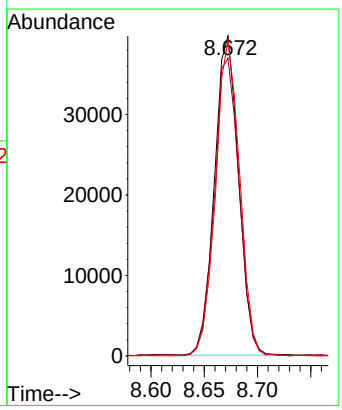
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

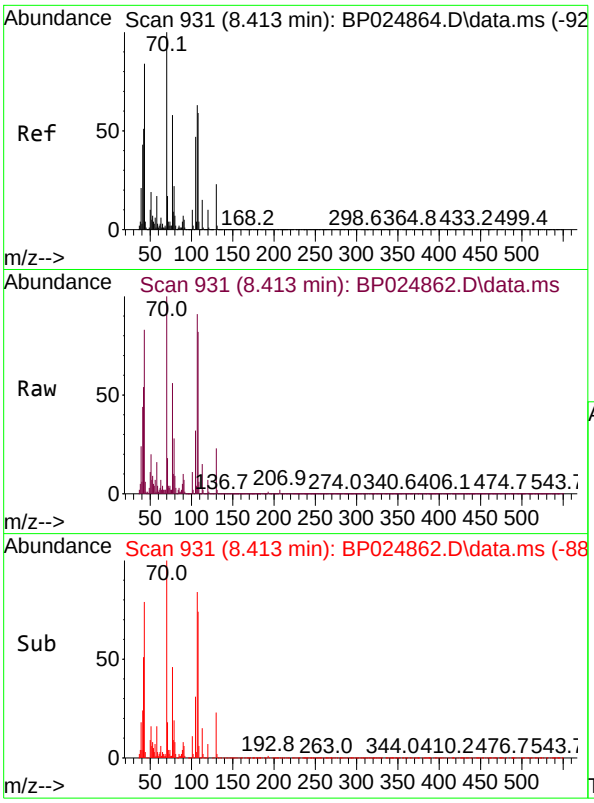


#18
Hexachloroethane
Concen: 9.815 ng
RT: 8.672 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:117 Resp: 62735

Ion	Ratio	Lower	Upper
117	100		
119	93.0	79.4	119.2
201	98.5	81.4	122.2

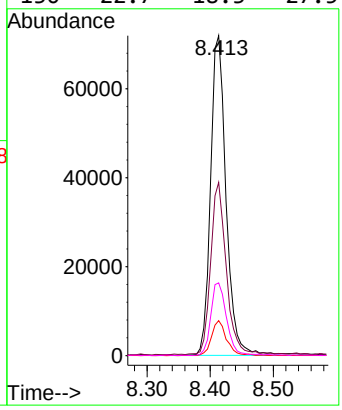




#19
n-Nitroso-di-n-propylamine
Concen: 10.254 ng
RT: 8.413 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 70 Resp: 12271

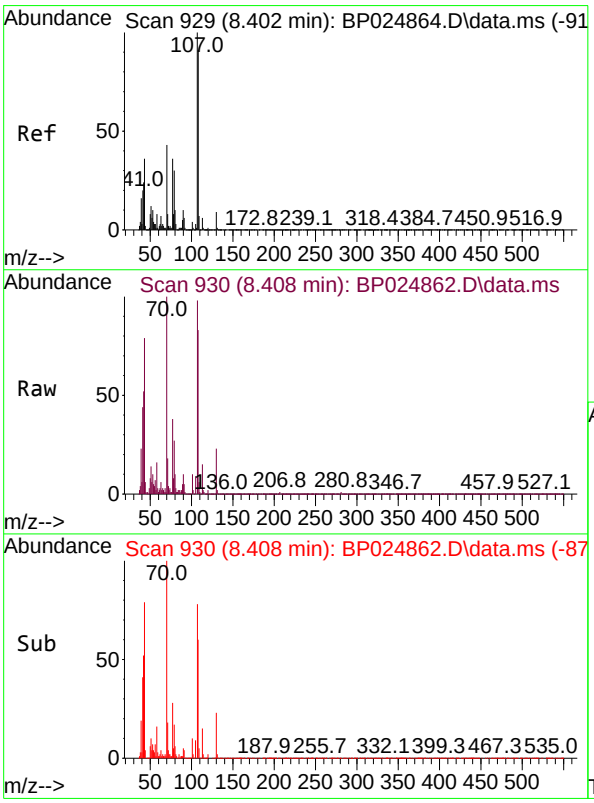
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.2	61.8
101	10.9	8.3	12.5
130	22.7	18.3	27.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

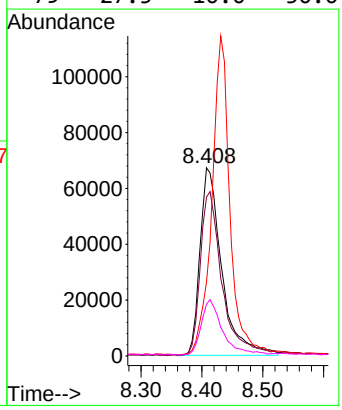
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

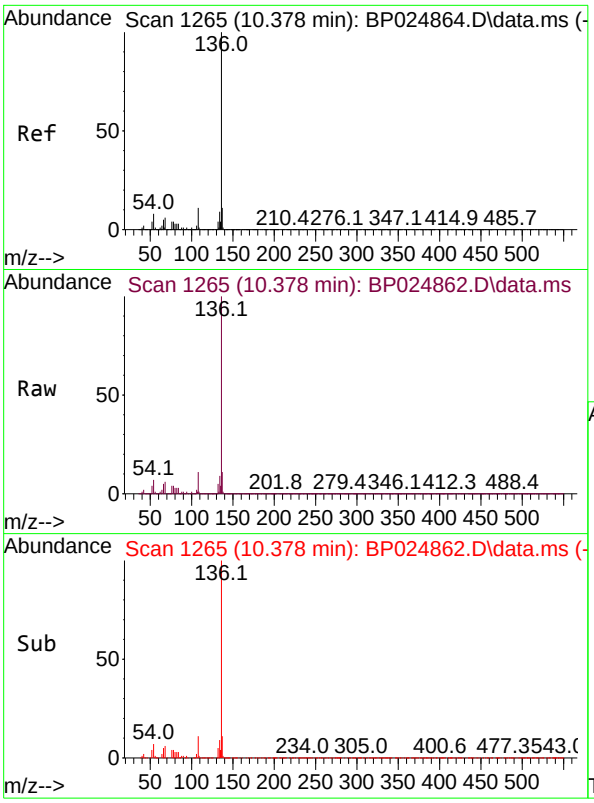


#20
3+4-Methylphenols
Concen: 9.677 ng
RT: 8.408 min Scan# 930
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:107 Resp: 167301

Ion	Ratio	Lower	Upper
107	100		
108	84.4	70.7	110.7
77	39.3	16.6	56.6
79	27.5	10.0	50.0

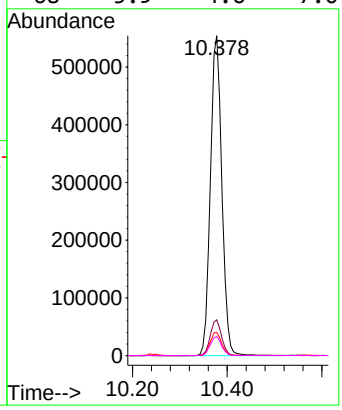




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:136 Resp: 92971

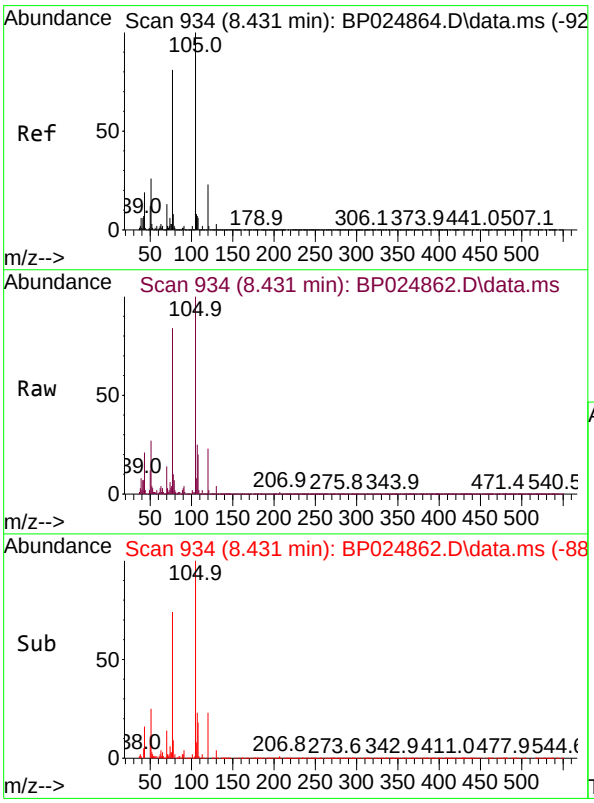
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.9	4.6	7.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

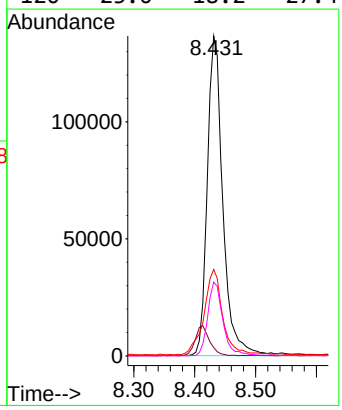
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

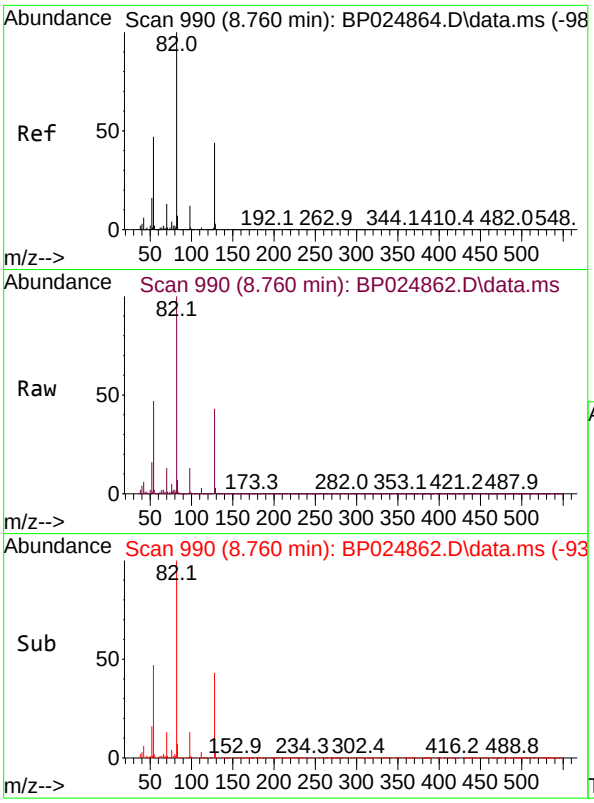


#22
Acetophenone
Concen: 10.317 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:105 Resp: 242331

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.6	2.4#
51	27.0	20.6	31.0
120	23.0	18.2	27.4

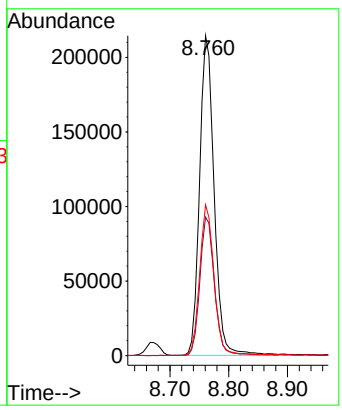




#23
Nitrobenzene-d5
Concen: 19.290 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 82 Resp: 36907

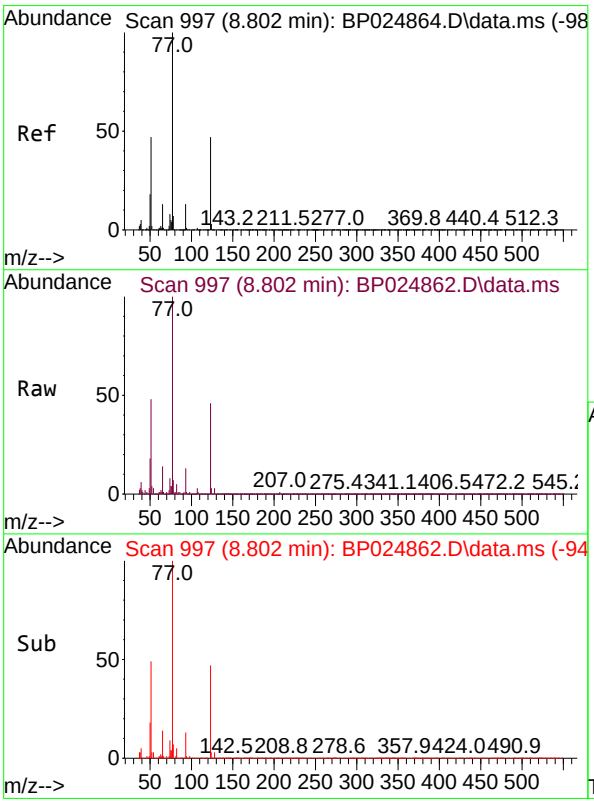
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.3	52.9
54	47.2	37.4	56.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

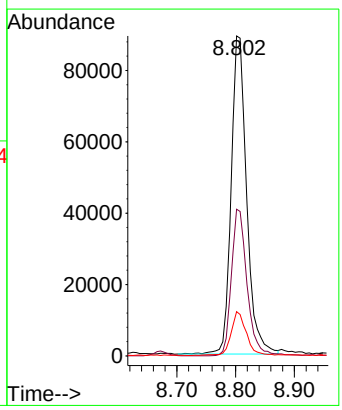
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

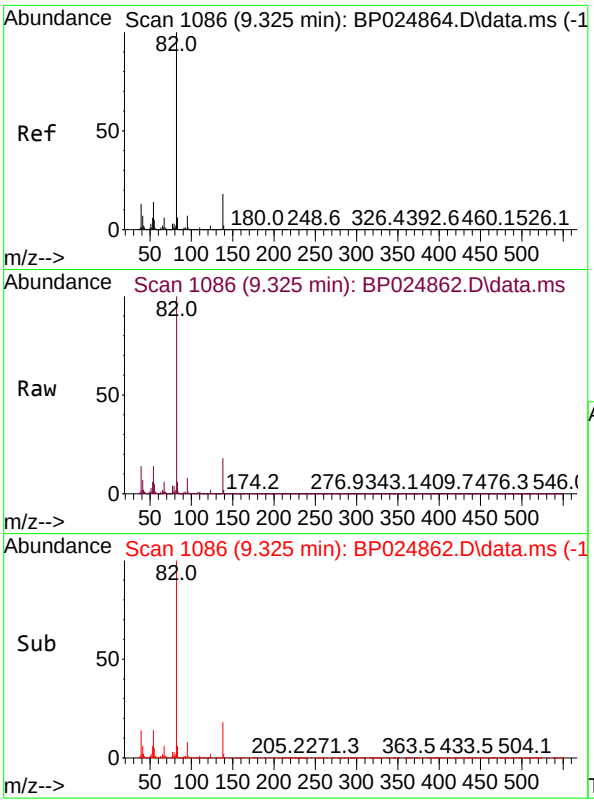


#24
Nitrobenzene
Concen: 9.590 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 77 Resp: 163008

Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.3	55.9
65	13.8	10.8	16.2

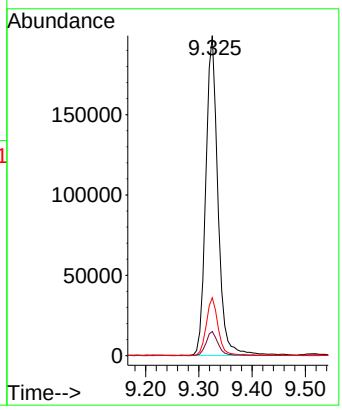




#25
Isophorone
Concen: 9.500 ng
RT: 9.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 82 Resp: 3150

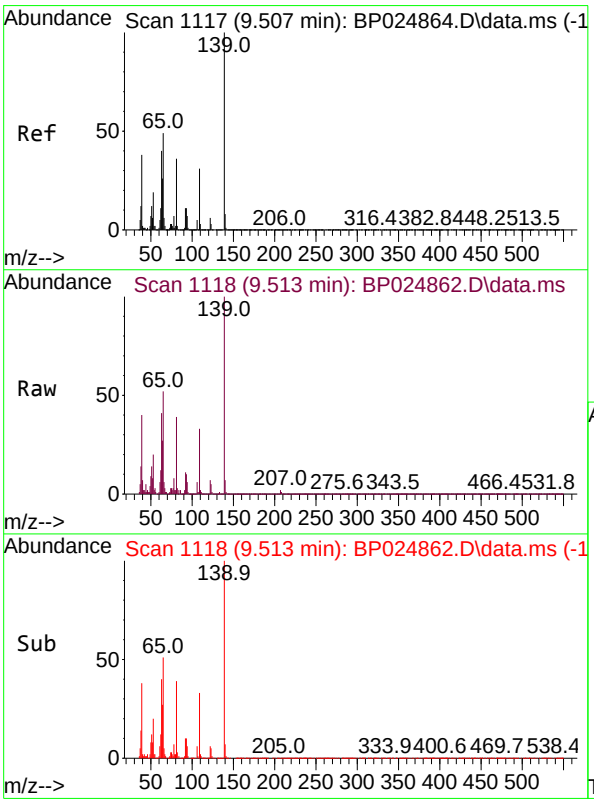
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	18.1	14.6	21.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

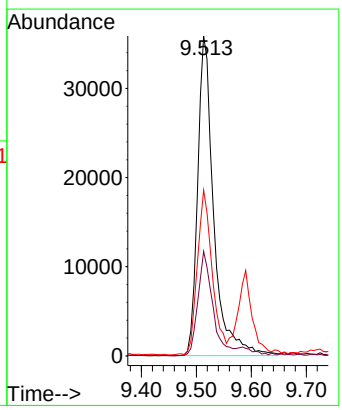
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

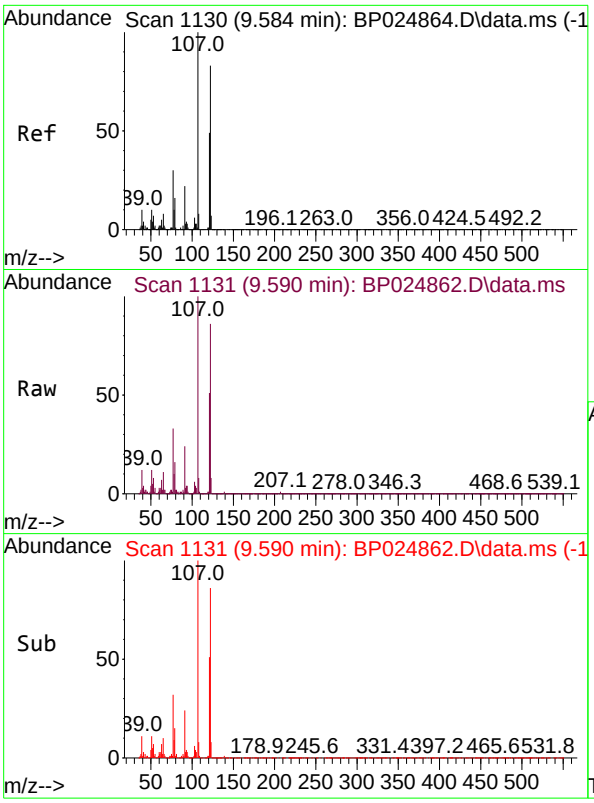


#26
2-Nitrophenol
Concen: 8.692 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:139 Resp: 72892

Ion	Ratio	Lower	Upper
139	100		
109	32.7	24.6	37.0
65	51.8	39.5	59.3

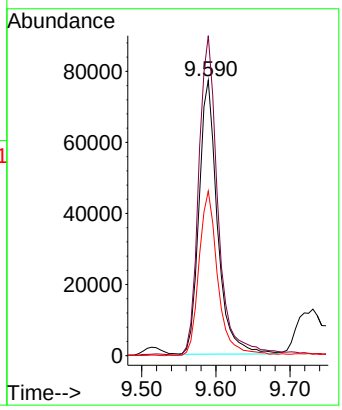




#27
2,4-Dimethylphenol
Concen: 9.251 ng
RT: 9.590 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:122 Resp: 13278

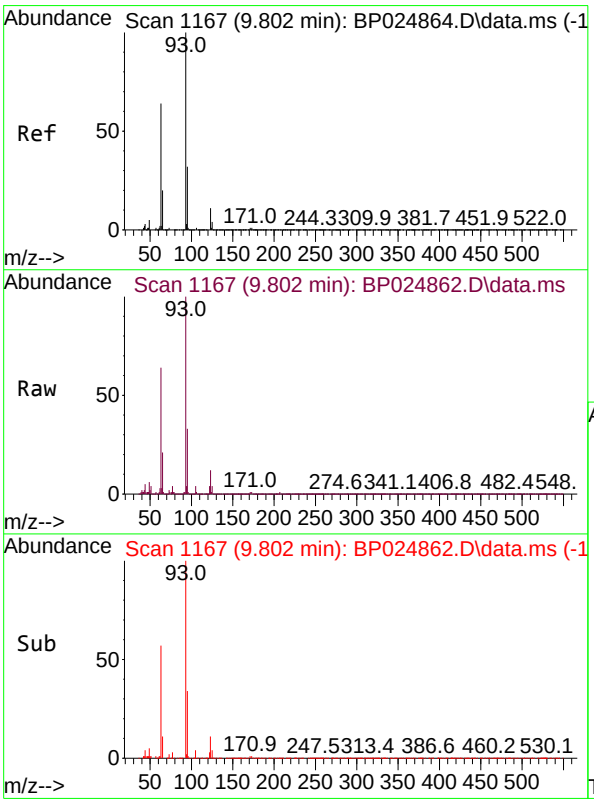
Ion	Ratio	Lower	Upper
122	100		
107	116.3	96.2	144.4
121	59.8	47.0	70.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

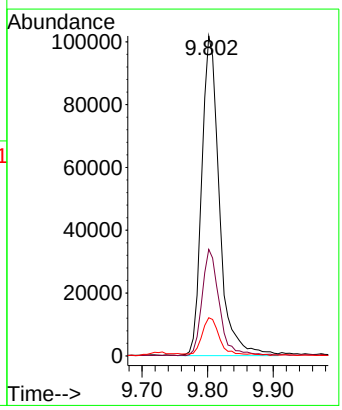
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

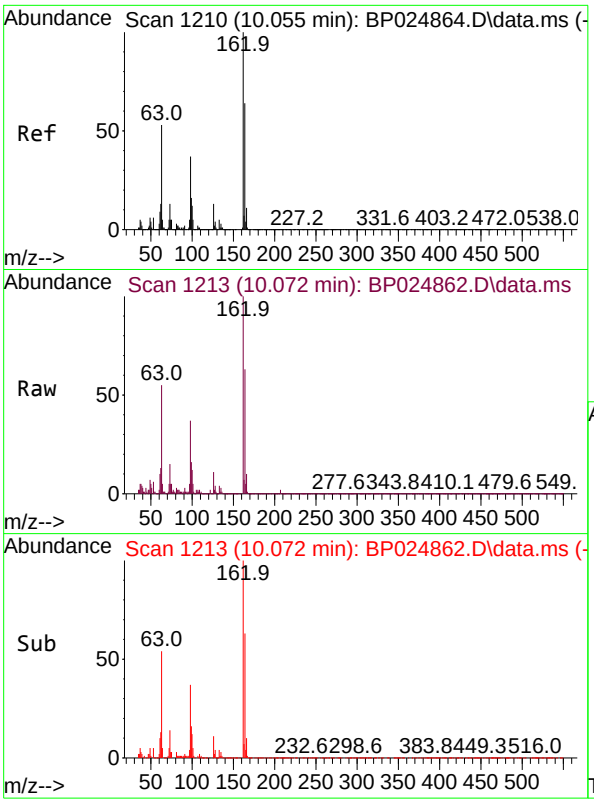


#28
bis(2-Chloroethoxy)methane
Concen: 9.590 ng
RT: 9.802 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 93 Resp: 189690

Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.5	38.3
123	12.0	9.2	13.8

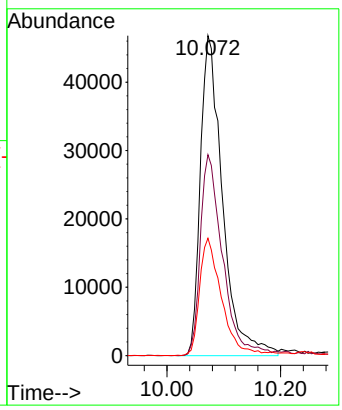




#29
2,4-Dichlorophenol
Concen: 9.187 ng
RT: 10.072 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:162 Resp: 12652

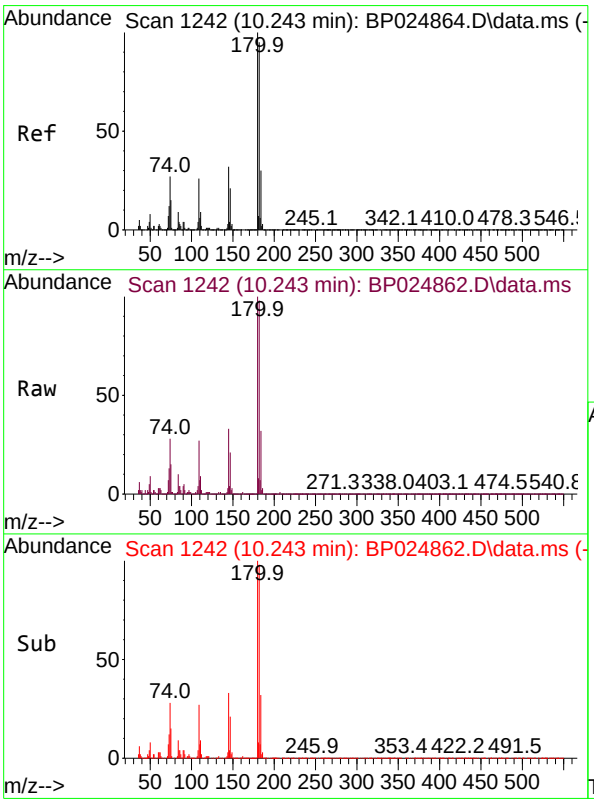
Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.0	84.0
98	36.7	16.9	56.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

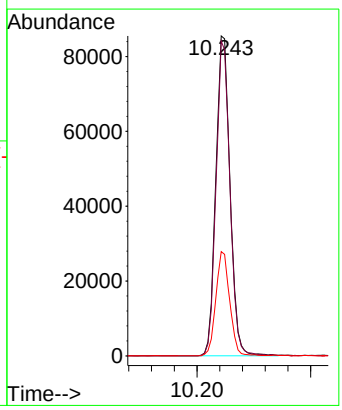
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

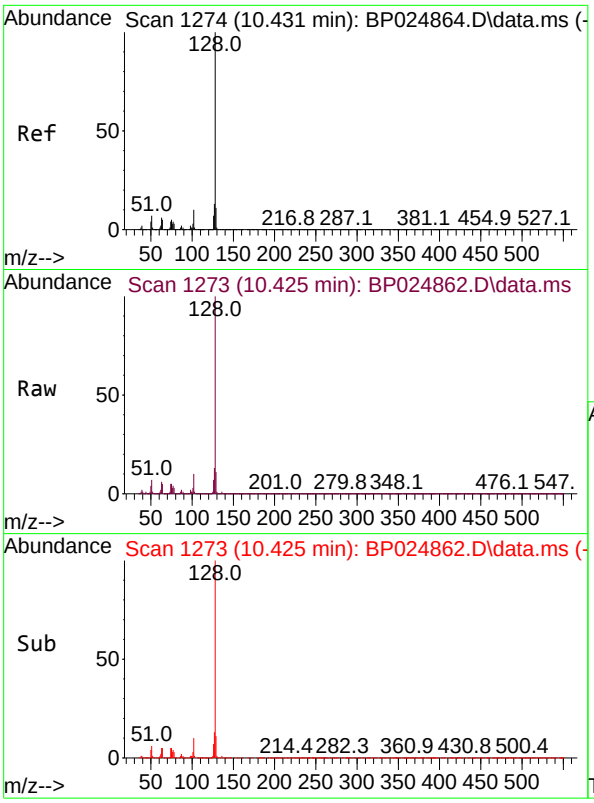


#30
1,2,4-Trichlorobenzene
Concen: 9.544 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:180 Resp: 148252

Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.8	113.6
145	32.6	25.7	38.5

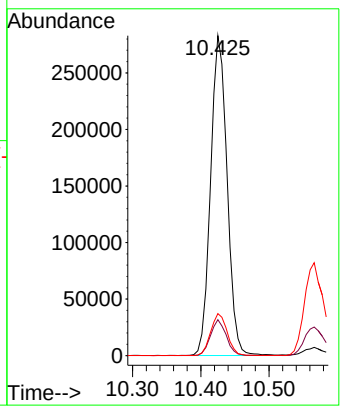




#31
Naphthalene
Concen: 9.969 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:128 Resp: 47496

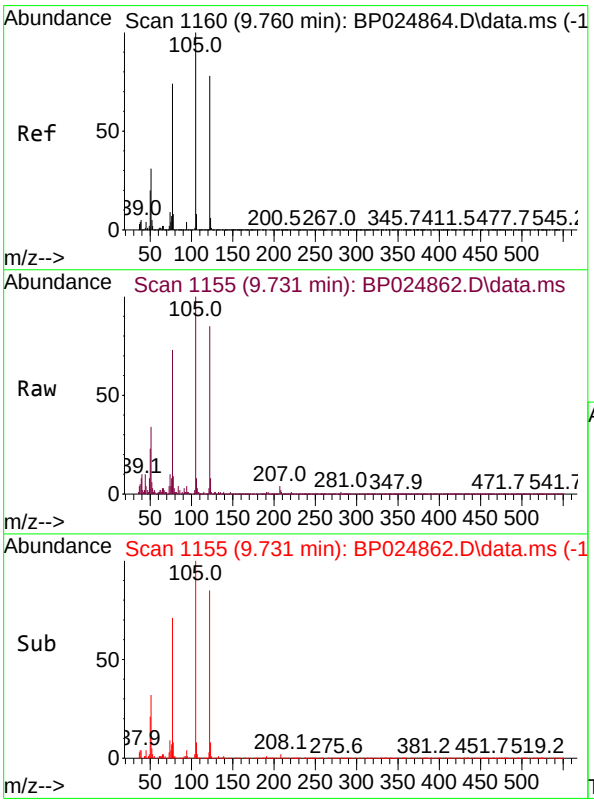
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

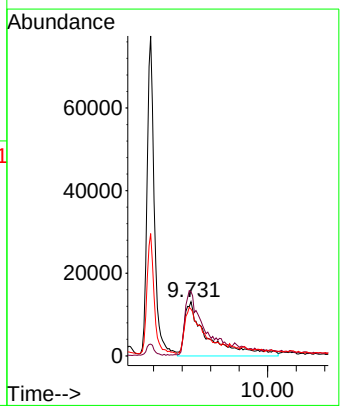
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

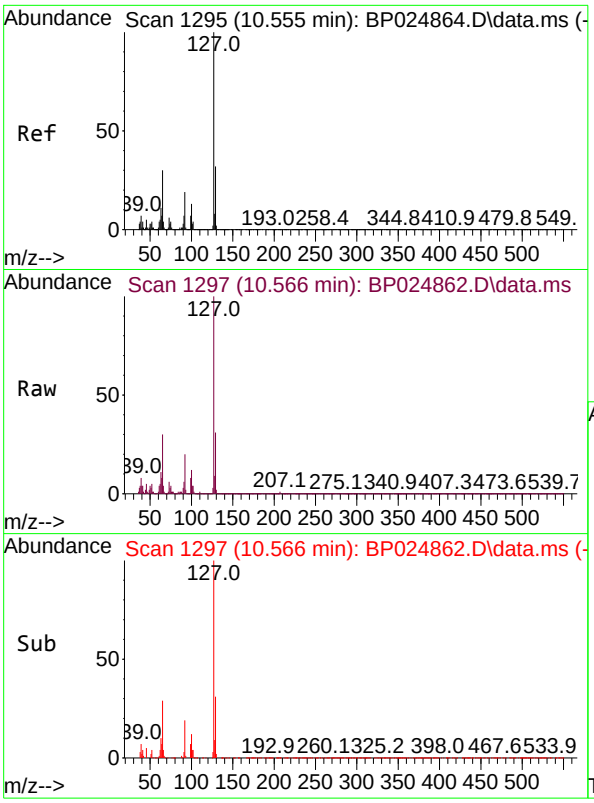


#32
Benzoic acid
Concen: 7.736 ng m
RT: 9.731 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:122 Resp: 74032

Ion	Ratio	Lower	Upper
122	100		
105	118.3	107.1	147.1
77	86.5	75.1	115.1

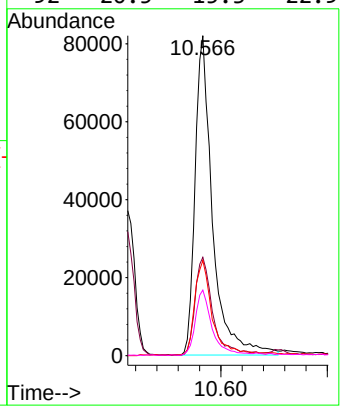




#33
4-Chloroaniline
Concen: 9.338 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:127 Resp: 18640

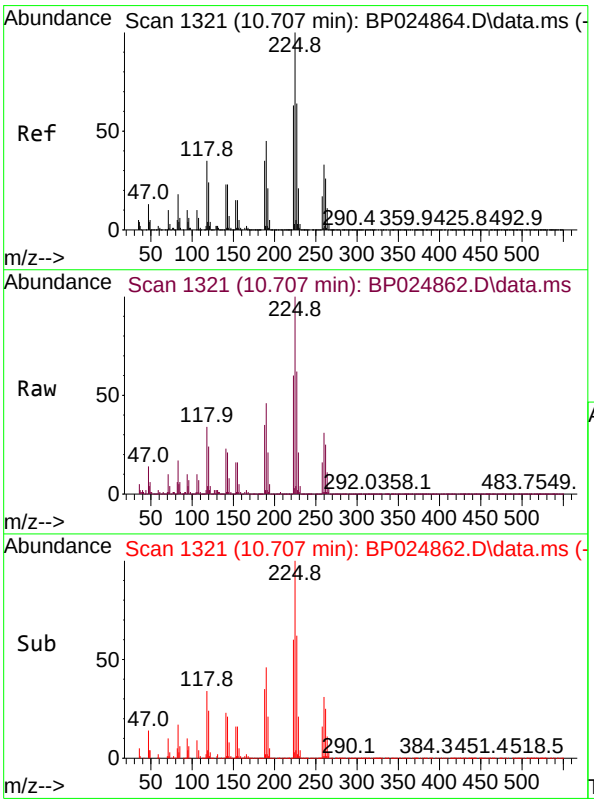
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	29.7	23.9	35.9
92	20.5	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

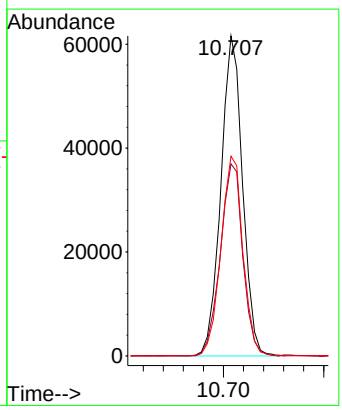
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

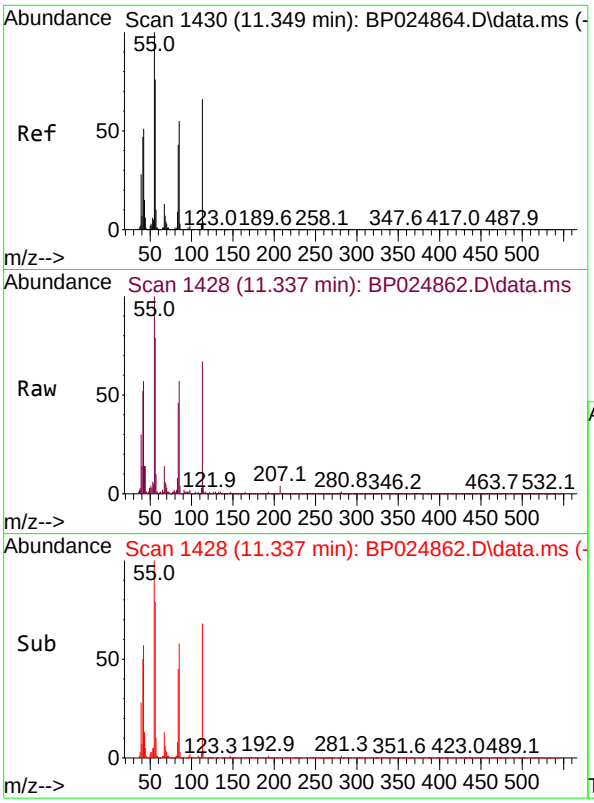


#34
Hexachlorobutadiene
Concen: 9.880 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:225 Resp: 92498

Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.5	75.7
227	62.4	51.4	77.2

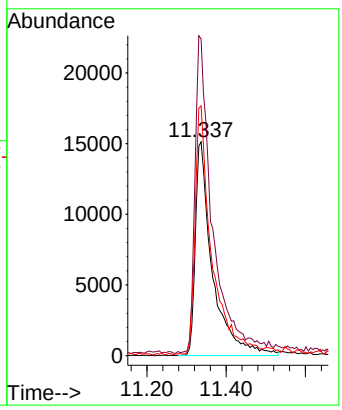




#35
Caprolactam
Concen: 8.949 ng
RT: 11.337 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:113 Resp: 4536

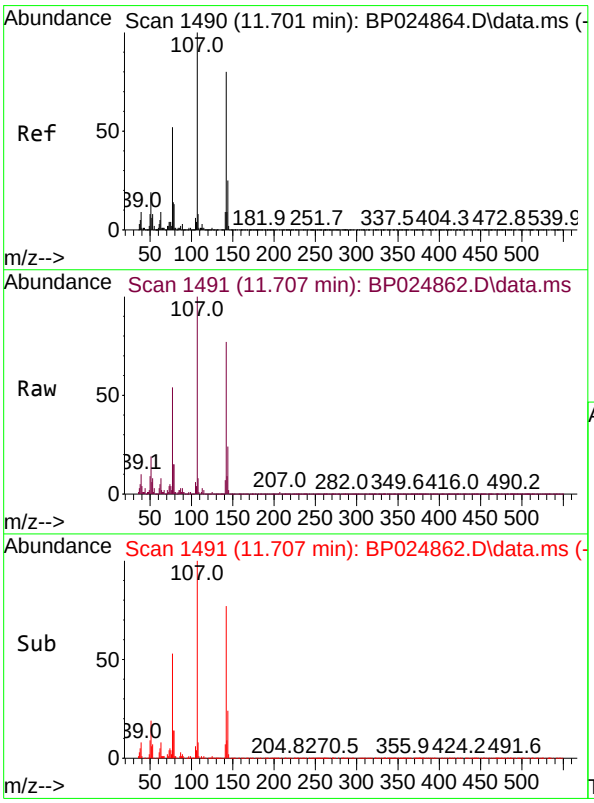
Ion	Ratio	Lower	Upper
113	100		
55	148.2	132.5	172.5
56	116.8	96.0	136.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

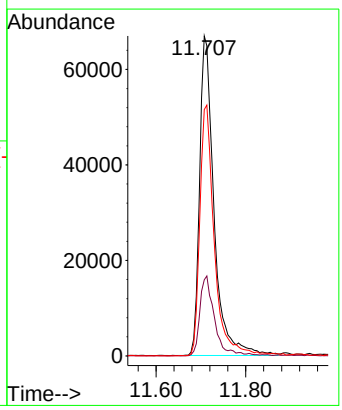
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

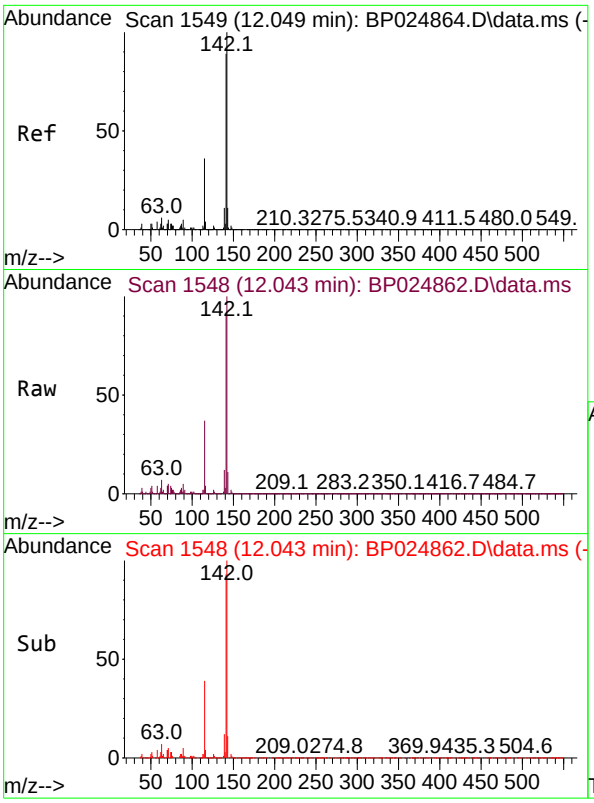


#36
4-Chloro-3-methylphenol
Concen: 9.418 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:107 Resp: 149607

Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.4	30.6
142	77.0	63.8	95.6

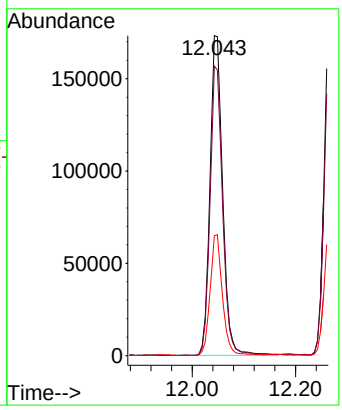




#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.043 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:142 Resp: 29647

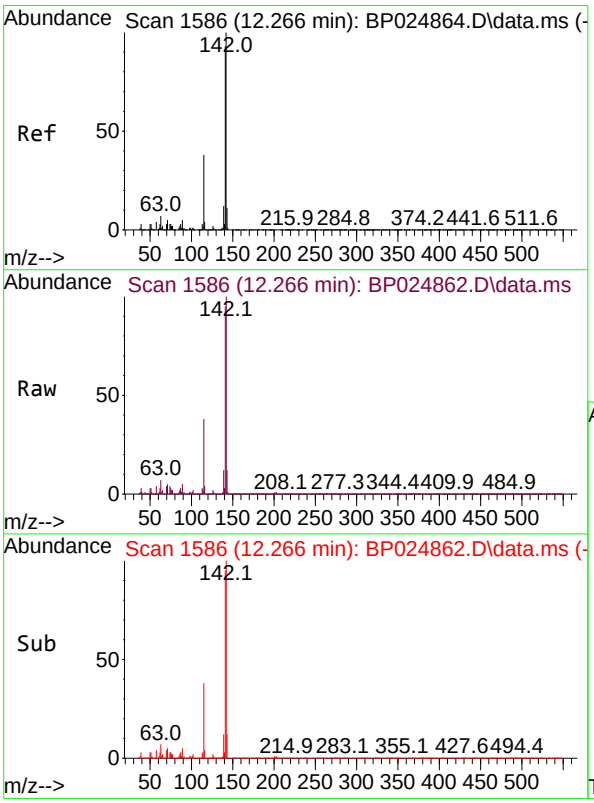
Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.2	106.8
115	37.5	28.5	42.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

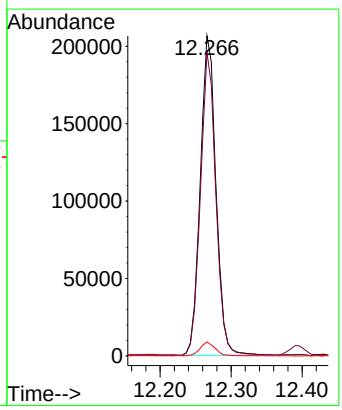
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

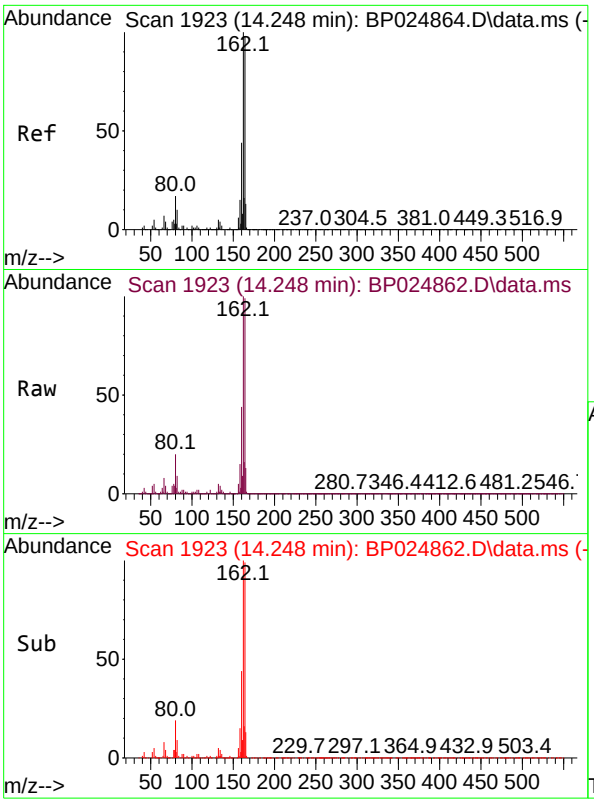


#38
1-Methylnaphthalene
Concen: 9.786 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:142 Resp: 316179

Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.7	112.1
116	4.3	3.4	5.0

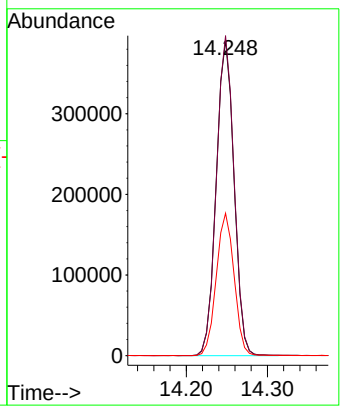




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:164 Resp: 59437

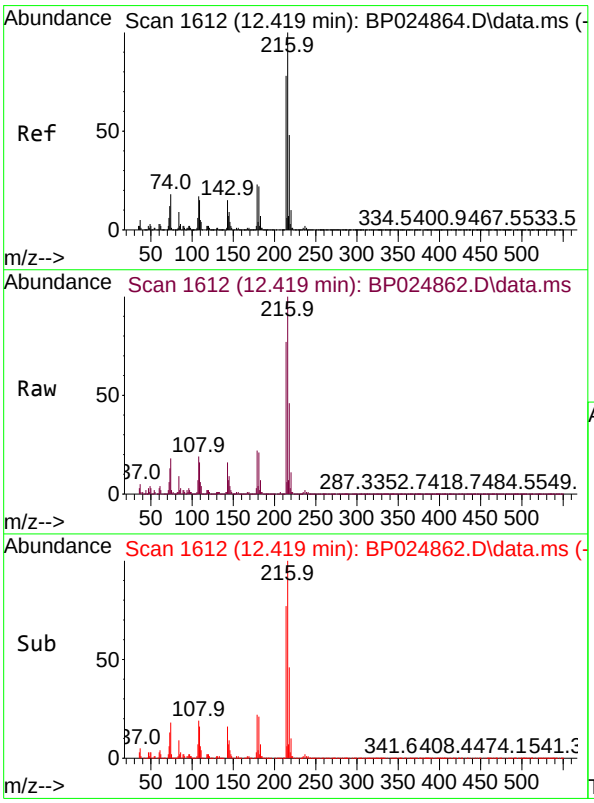
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	45.1	36.2	54.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

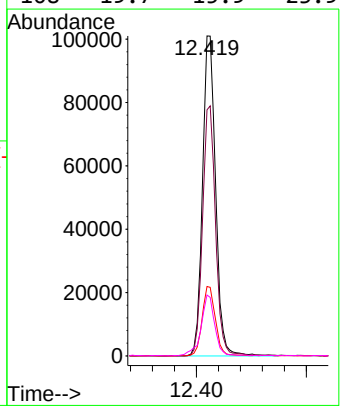
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

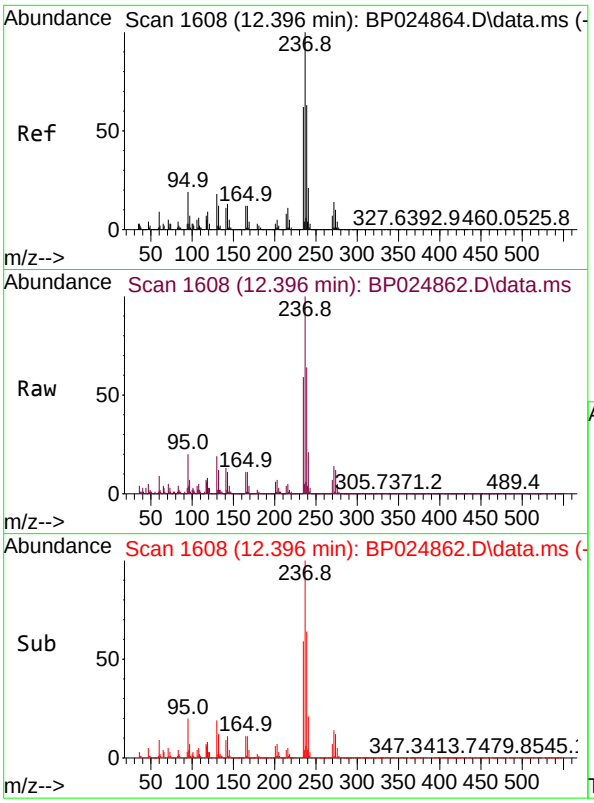


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.888 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:216 Resp: 166771

Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.0	94.4
179	21.9	17.8	26.6
108	19.7	15.9	23.9

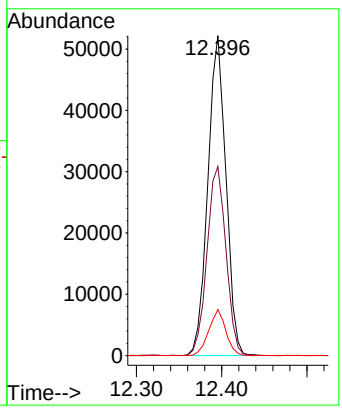




#41
Hexachlorocyclopentadiene
Concen: 7.477 ng
RT: 12.396 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:237 Resp: 7691

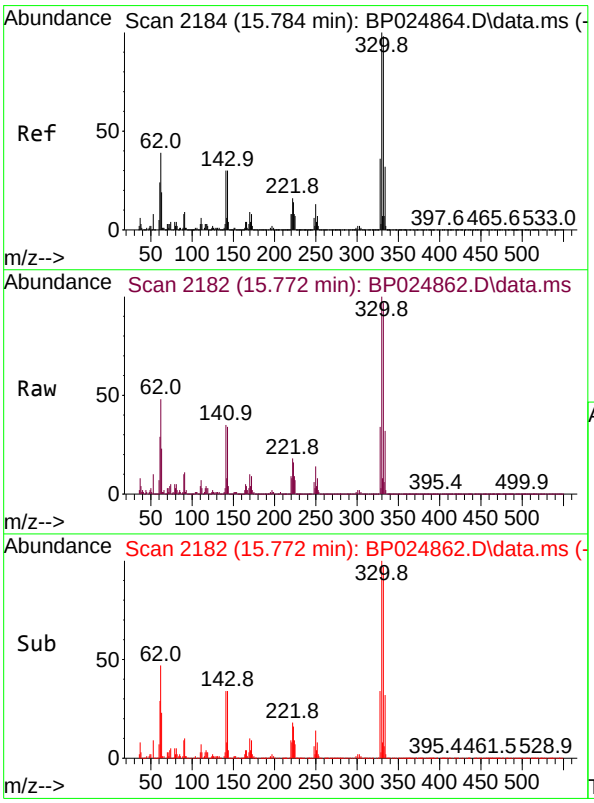
Ion	Ratio	Lower	Upper
237	100		
235	59.1	41.9	81.9
272	14.4	0.0	33.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

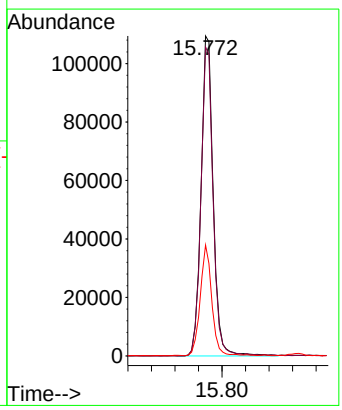
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

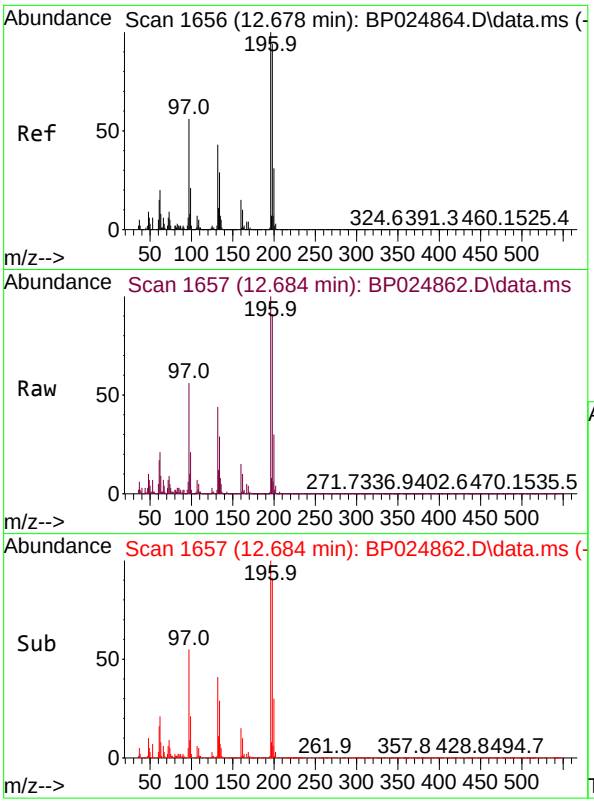


#42
2,4,6-Tribromophenol
Concen: 19.089 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:330 Resp: 156861

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	33.1	26.4	39.6

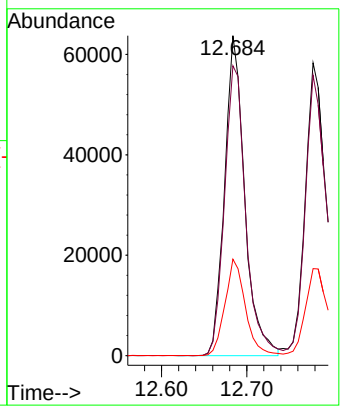




#43
2,4,6-Trichlorophenol
Concen: 9.248 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:196 Resp: 10474

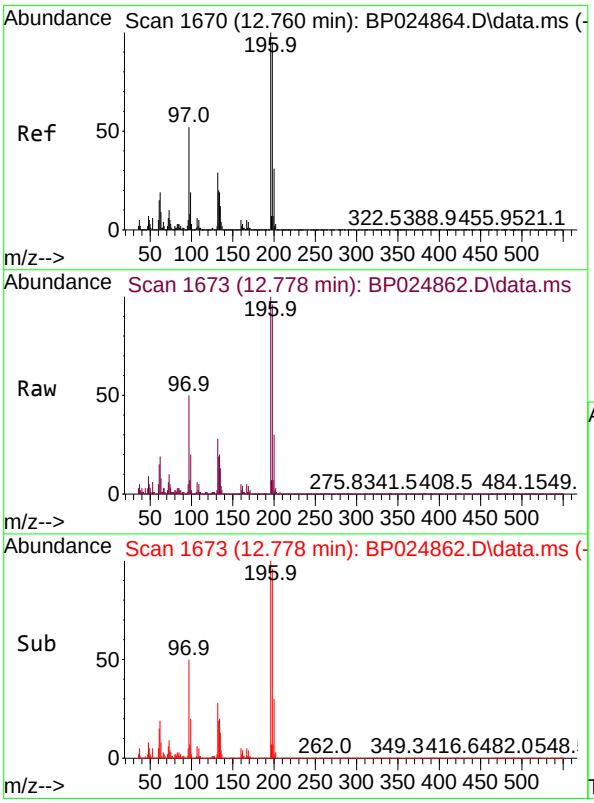
Ion	Ratio	Lower	Upper
196	100		
198	90.6	75.4	113.0
200	30.1	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

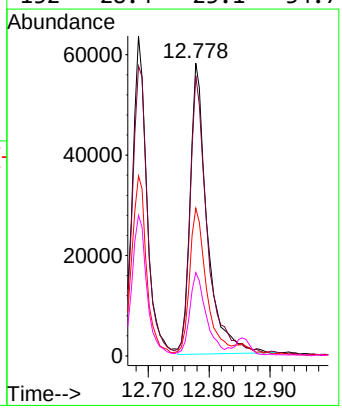
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

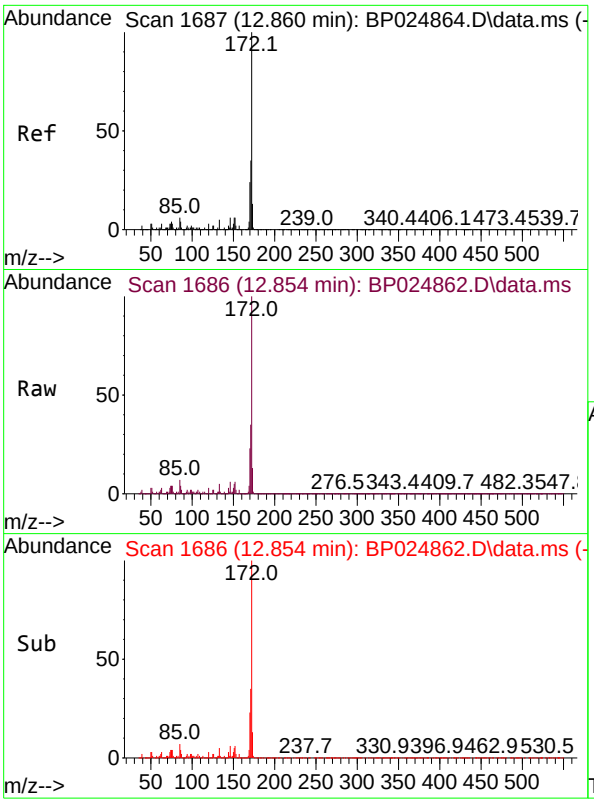


#44
2,4,5-Trichlorophenol
Concen: 9.294 ng
RT: 12.778 min Scan# 1673
Delta R.T. 0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:196 Resp: 112735

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.0	114.0
97	50.4	41.5	62.3
132	28.4	23.1	34.7

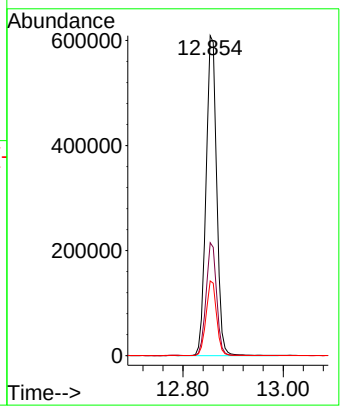




#45
2-Fluorobiphenyl
Concen: 20.308 ng
RT: 12.854 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:172 Resp: 89600

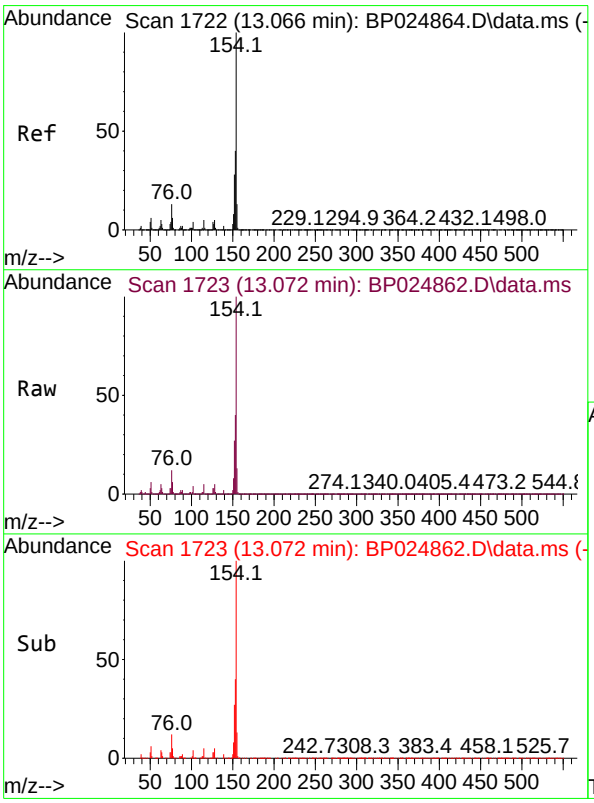
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

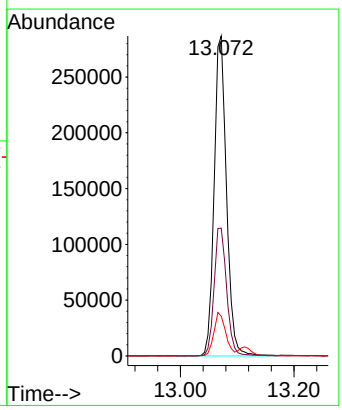
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

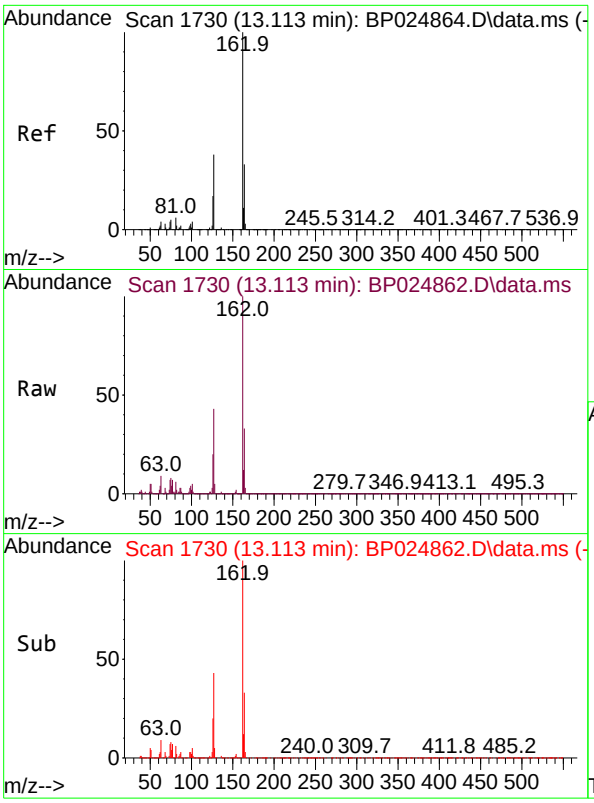


#46
1,1'-Biphenyl
Concen: 10.020 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:154 Resp: 432819

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	12.4	0.0	33.0

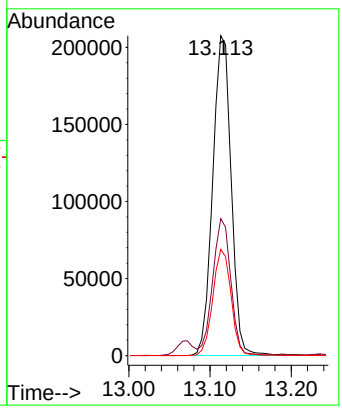




#47
2-Chloronaphthalene
Concen: 9.882 ng
RT: 13.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:162 Resp: 32806

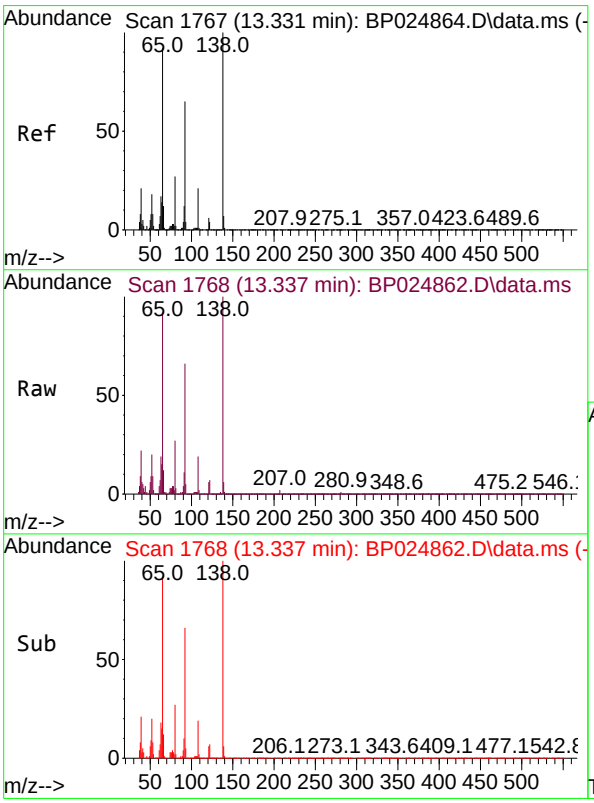
Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.5	48.7
164	33.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

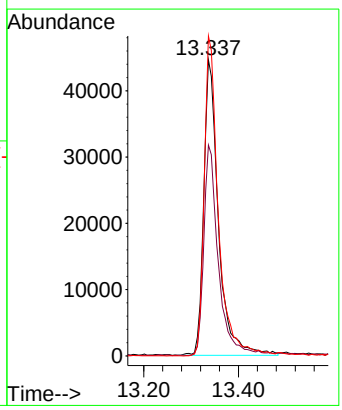
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

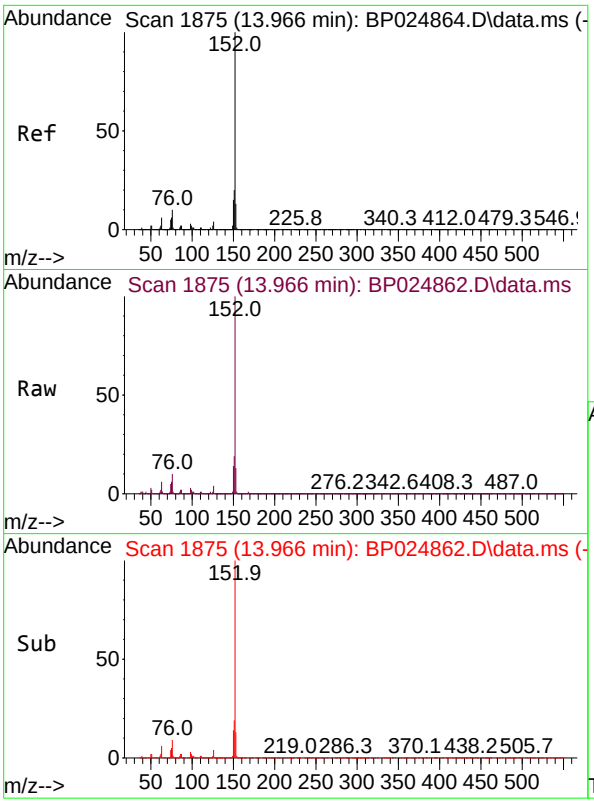


#48
2-Nitroaniline
Concen: 9.426 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 65 Resp: 96210

Ion	Ratio	Lower	Upper
65	100		
92	71.3	56.8	85.2
138	108.2	86.9	130.3

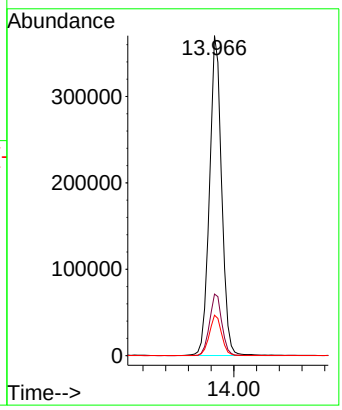




#49
Acenaphthylene
Concen: 9.939 ng
RT: 13.966 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:152 Resp: 550191

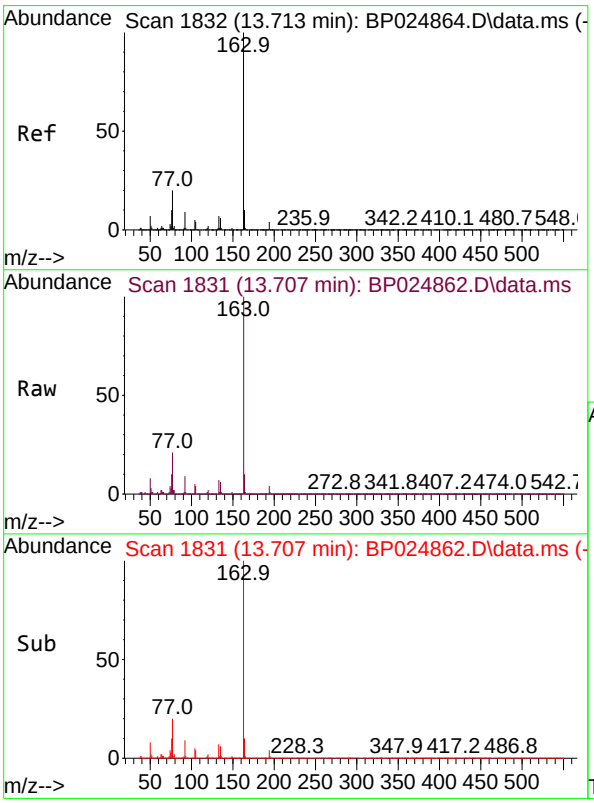
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	12.7	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

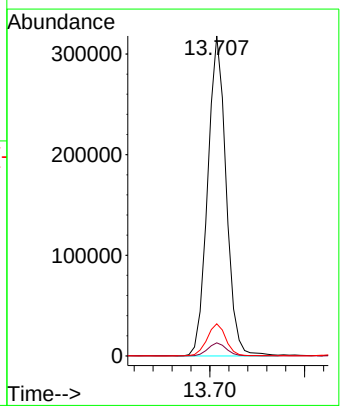
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

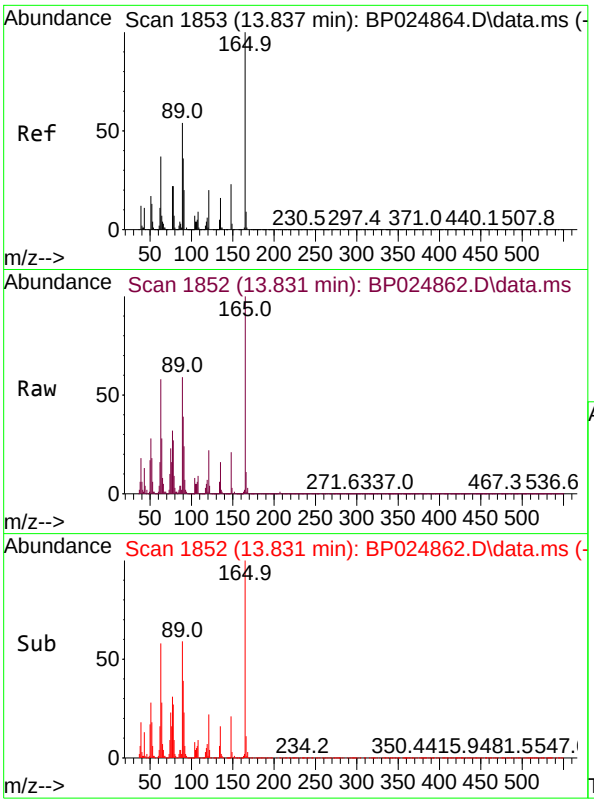


#50
Dimethylphthalate
Concen: 9.826 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:163 Resp: 430821

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 9.461 ng
RT: 13.831 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

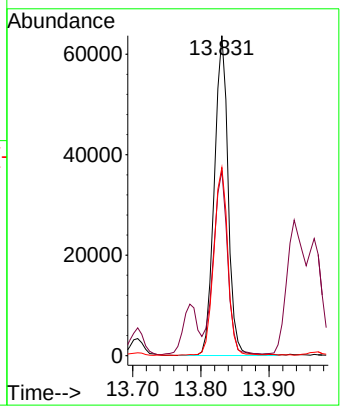
Tgt Ion:165 Resp: 8943

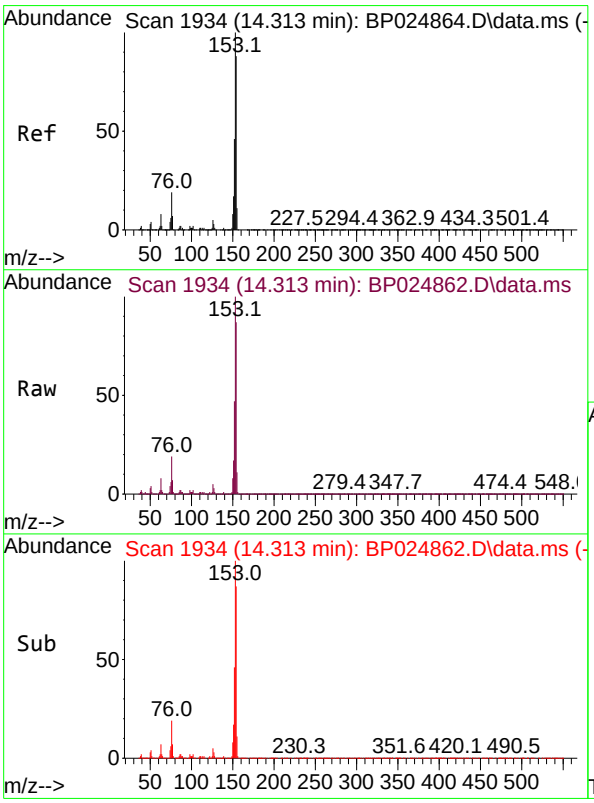
Ion	Ratio	Lower	Upper
165	100		
63	57.8	41.8	62.8
89	58.8	43.1	64.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

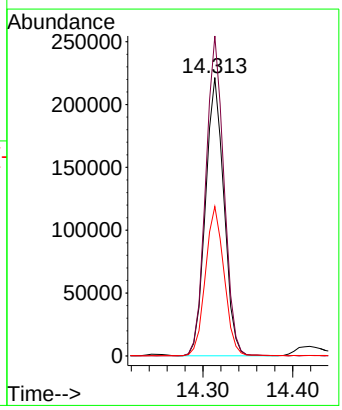


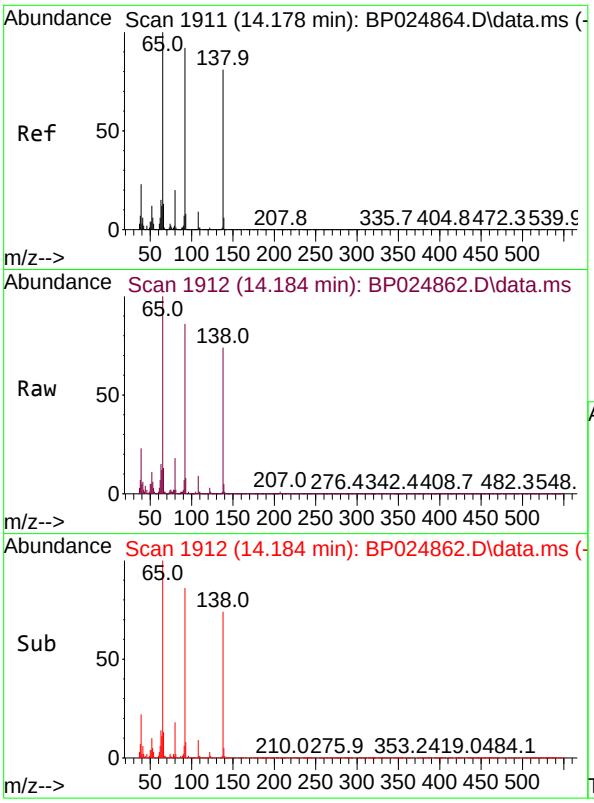


#52
Acenaphthene
Concen: 9.967 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:154 Resp: 316133

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.5	135.7
152	53.7	42.1	63.1

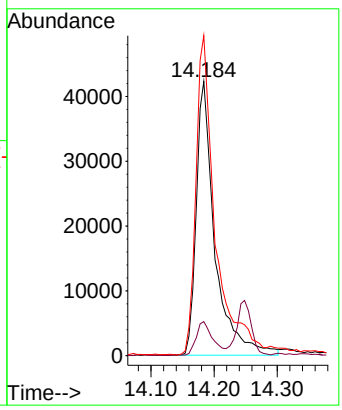




#53
3-Nitroaniline
Concen: 8.838 ng
RT: 14.184 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:138 Resp: 8669

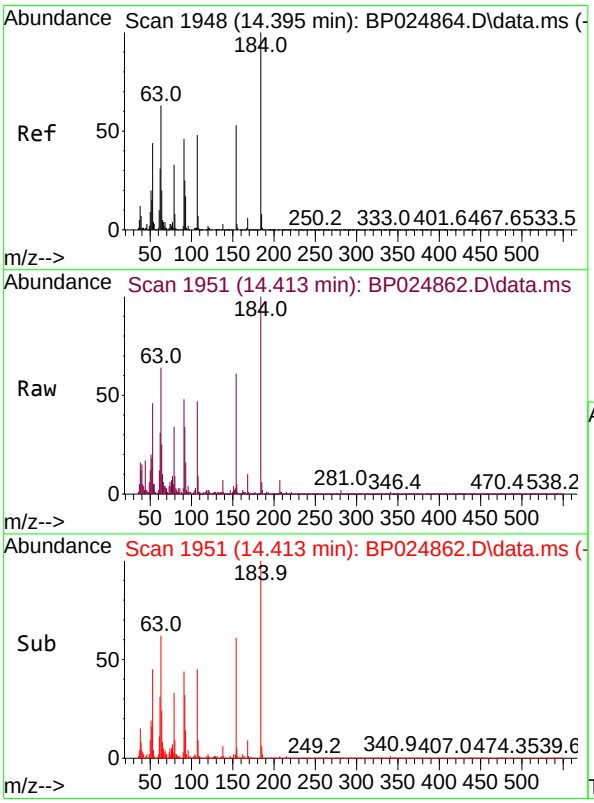
Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.6	12.8
92	116.7	91.3	136.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

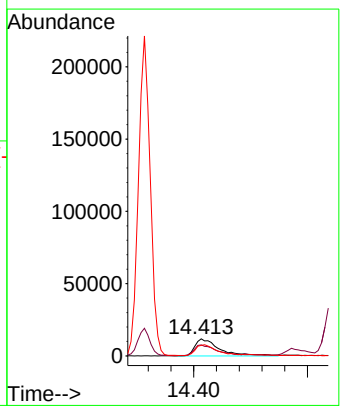
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

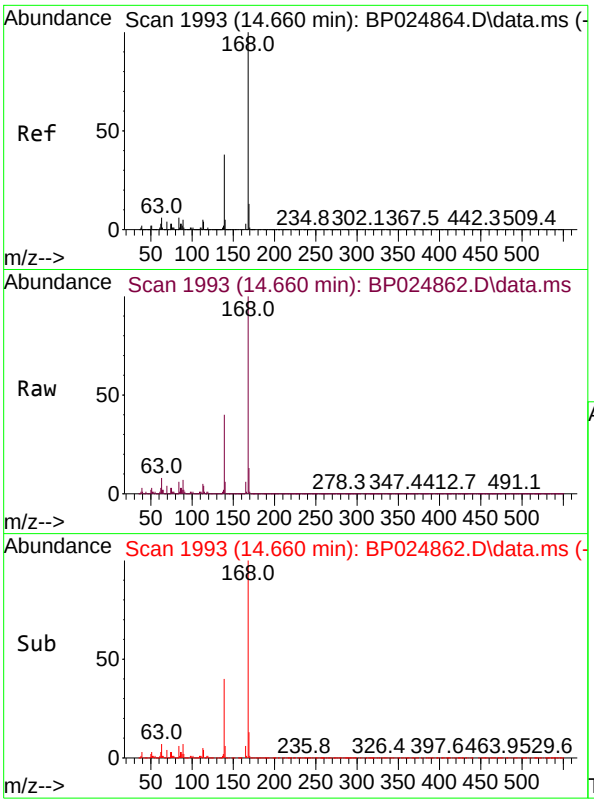


#54
2,4-Dinitrophenol
Concen: 10.838 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:184 Resp: 34890

Ion	Ratio	Lower	Upper
184	100		
63	64.5	51.0	76.4
154	61.4	51.7	77.5

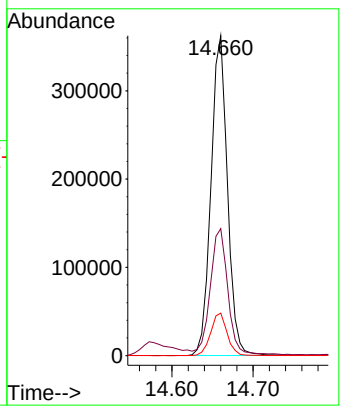




#55
Dibenzofuran
Concen: 10.045 ng
RT: 14.660 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:168 Resp: 51143

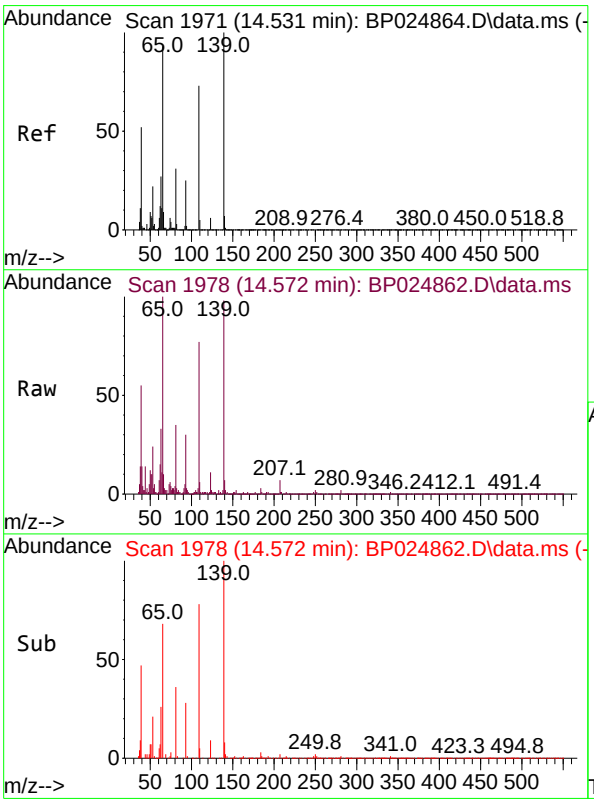
Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.6	47.4
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

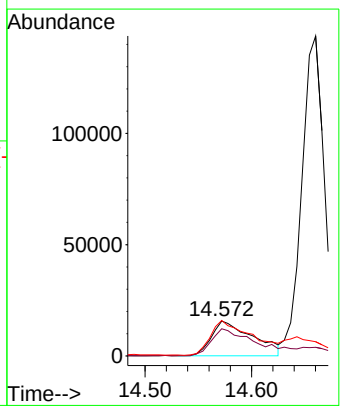
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

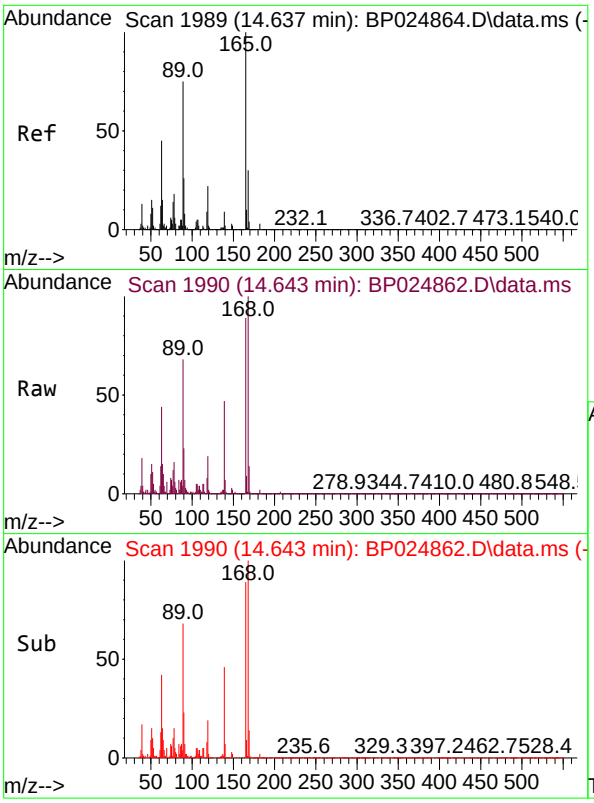


#56
4-Nitrophenol
Concen: 10.135 ng
RT: 14.572 min Scan# 1978
Delta R.T. 0.041 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:139 Resp: 42087

Ion	Ratio	Lower	Upper
139	100		
109	78.0	53.1	93.1
65	101.9	73.0	113.0

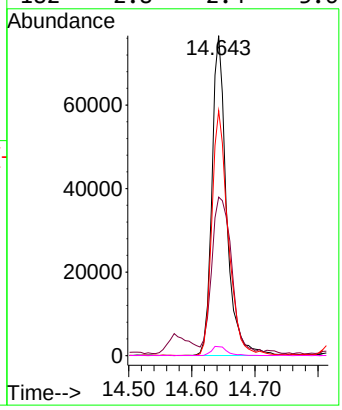




#57
2,4-Dinitrotoluene
Concen: 9.340 ng
RT: 14.643 min Scan# 19
Delta R.T. 0.005 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:165 Resp: 12349

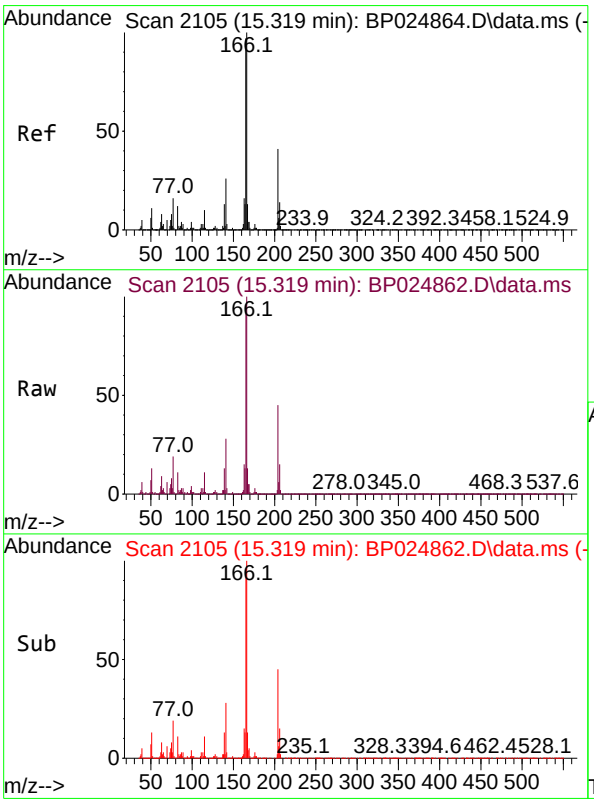
Ion	Ratio	Lower	Upper
165	100		
63	49.5	37.0	55.6
89	76.5	60.1	90.1
182	2.8	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

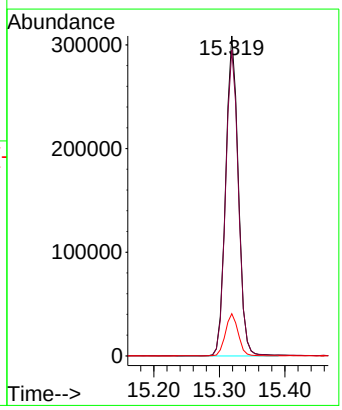
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

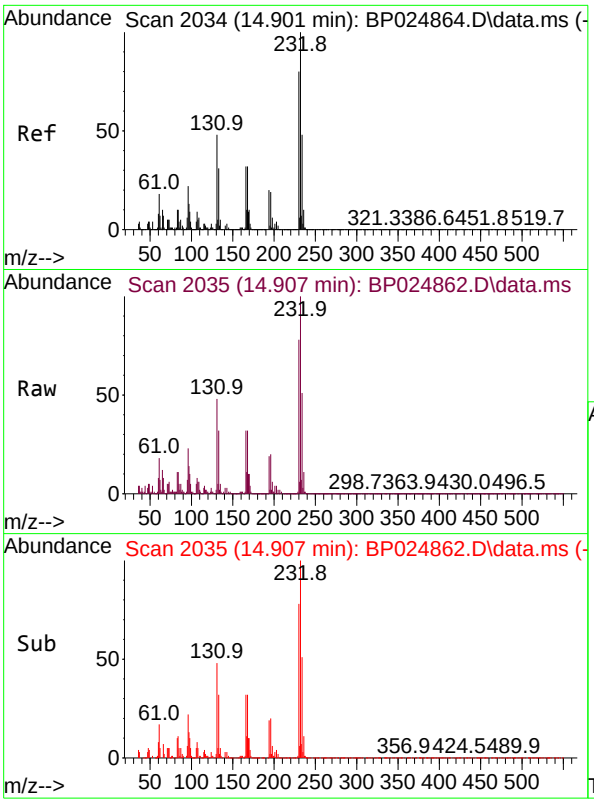


#58
Fluorene
Concen: 10.071 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:166 Resp: 414235

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.7	116.5
167	13.2	10.6	16.0

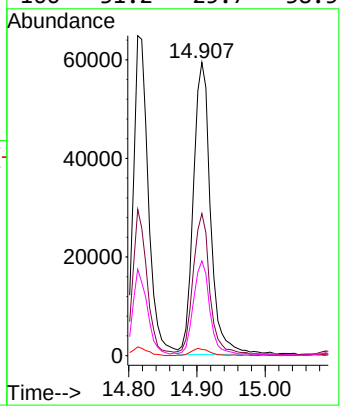




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.573 ng
RT: 14.907 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:232 Resp: 10393

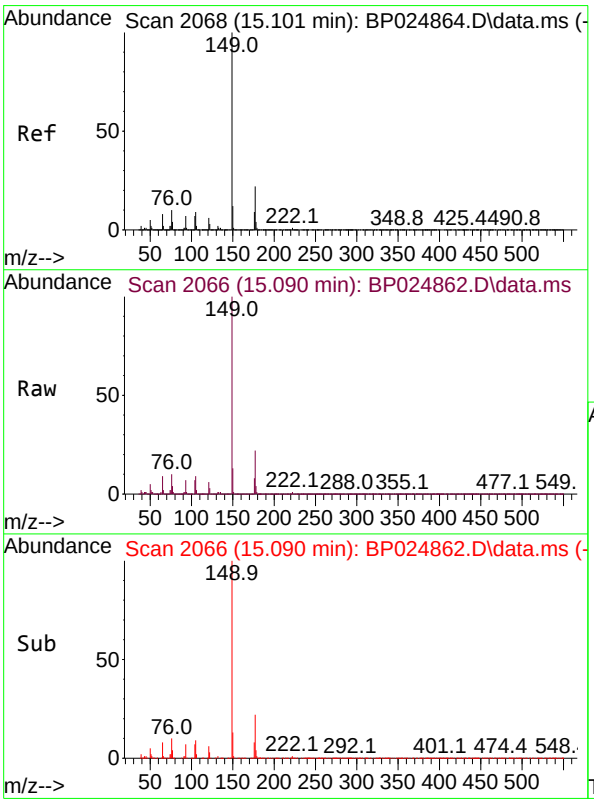
Ion	Ratio	Lower	Upper
232	100		
131	47.2	38.2	57.2
130	2.5	2.1	3.1
166	31.2	25.7	38.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

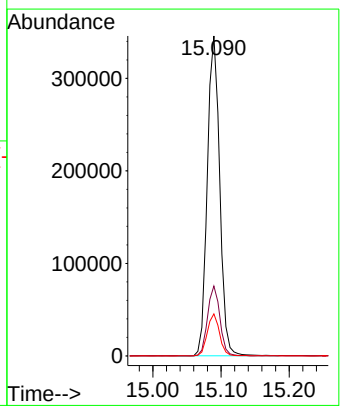
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

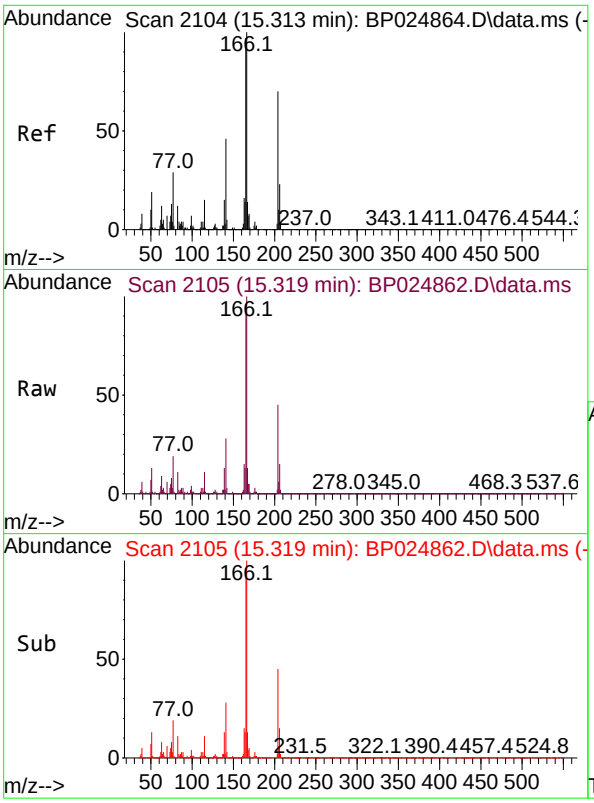


#60
Diethylphthalate
Concen: 10.022 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 437955

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.9	26.9
150	13.1	9.8	14.6

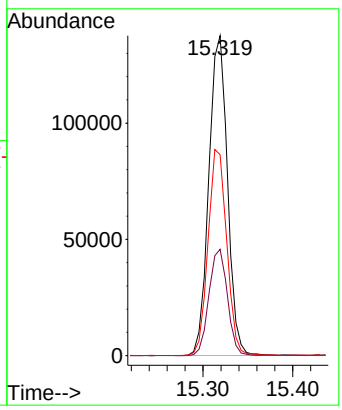




#61
4-Chlorophenyl-phenylether
Concen: 9.878 ng
RT: 15.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:204 Resp: 19864

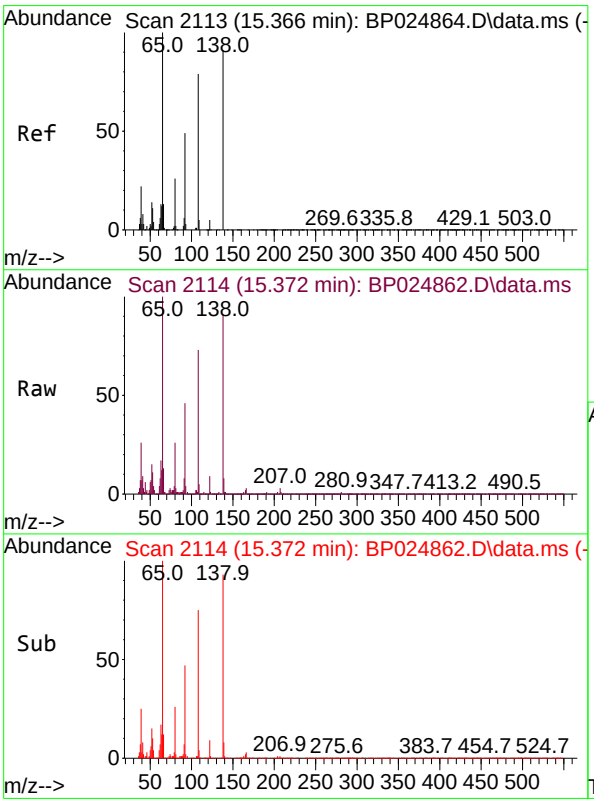
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	62.8	52.4	78.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

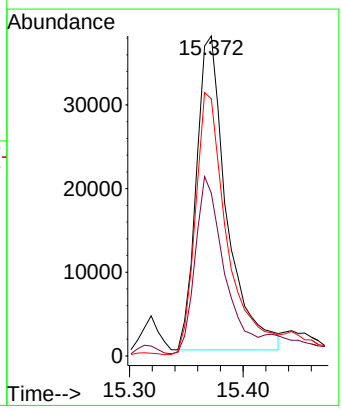
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

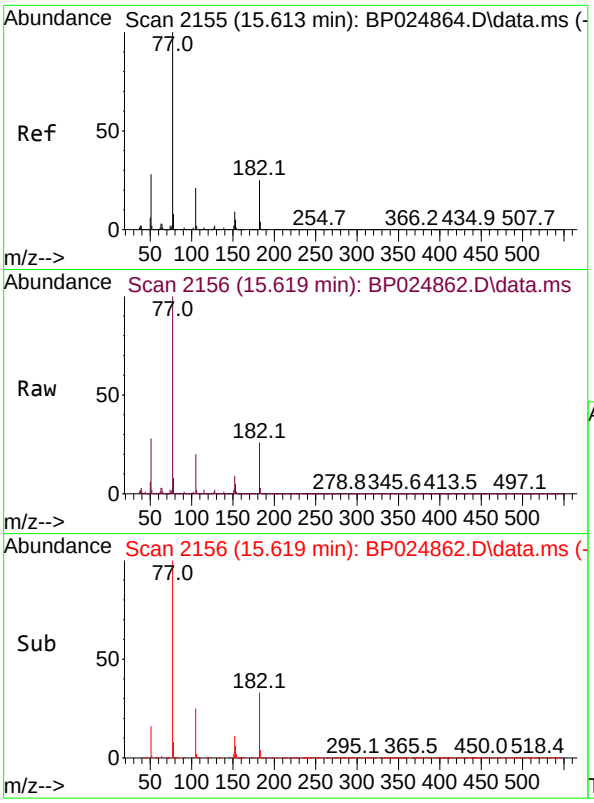


#62
4-Nitroaniline
Concen: 7.841 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:138 Resp: 69780

Ion	Ratio	Lower	Upper
138	100		
92	50.8	33.5	73.5
108	80.3	65.1	105.1

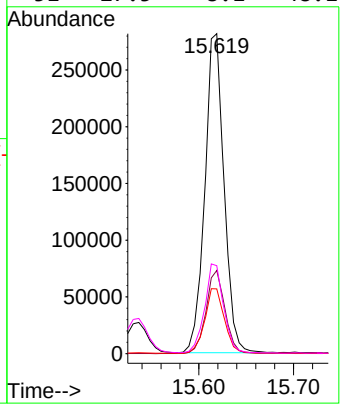




#63
Azobenzene
Concen: 9.890 ng
RT: 15.619 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 77 Resp: 39635

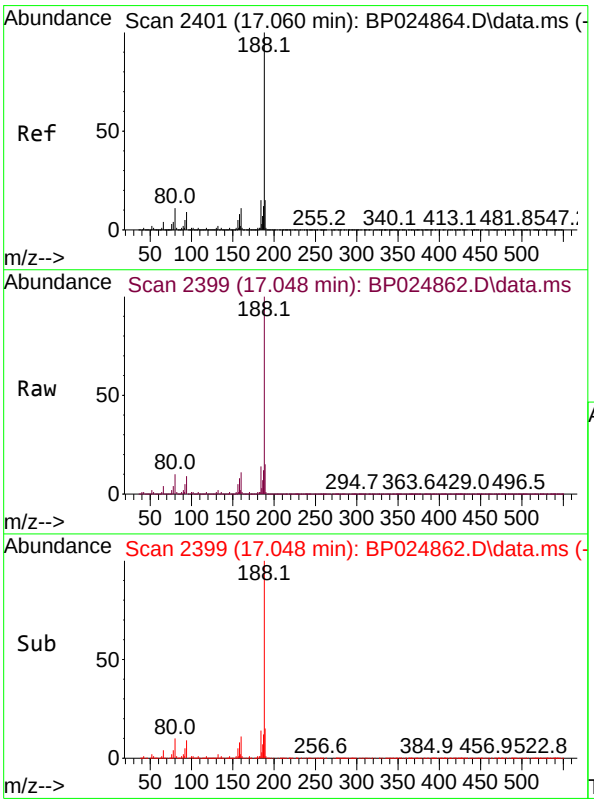
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.4	45.4
105	20.2	0.8	40.8
51	27.5	8.1	48.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

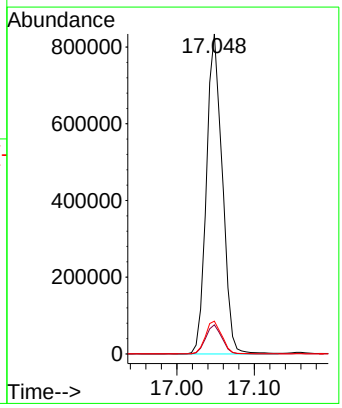
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

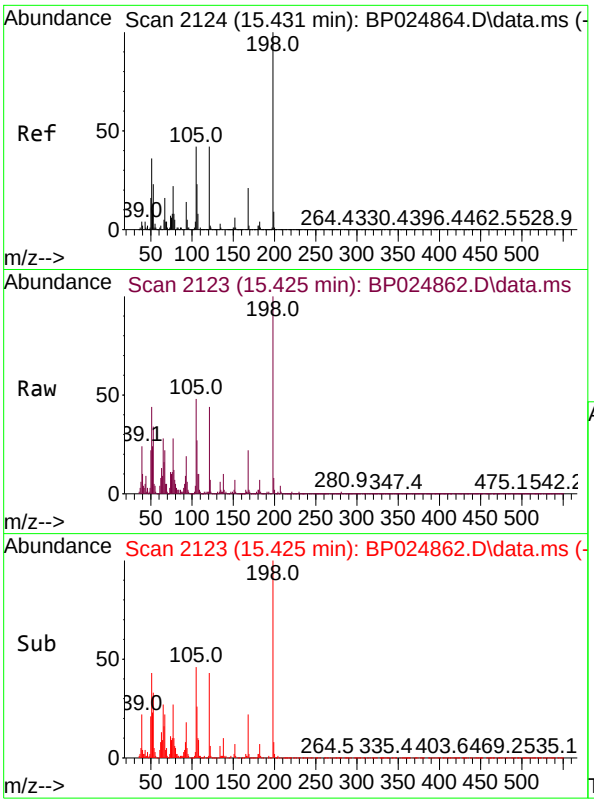


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:188 Resp: 1185891

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	10.2	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 7.732 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

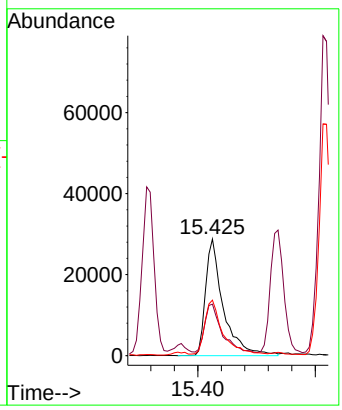
Tgt Ion:198 Resp: 6025

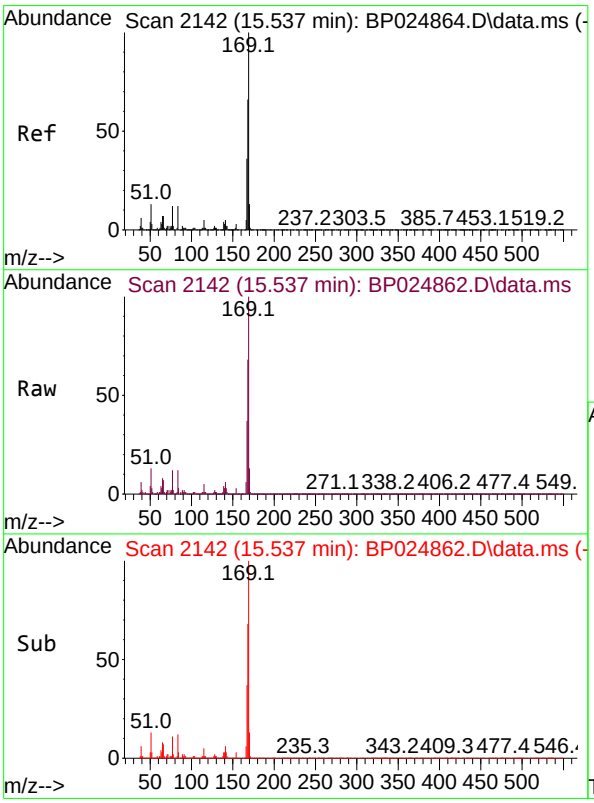
Ion	Ratio	Lower	Upper
198	100		
51	44.1	19.2	59.2
105	47.5	22.6	62.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

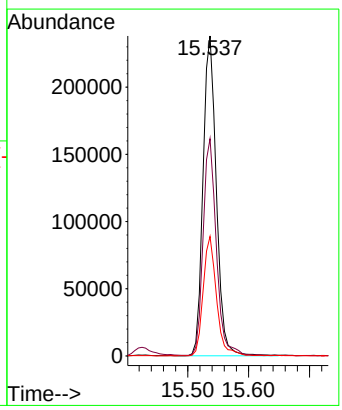


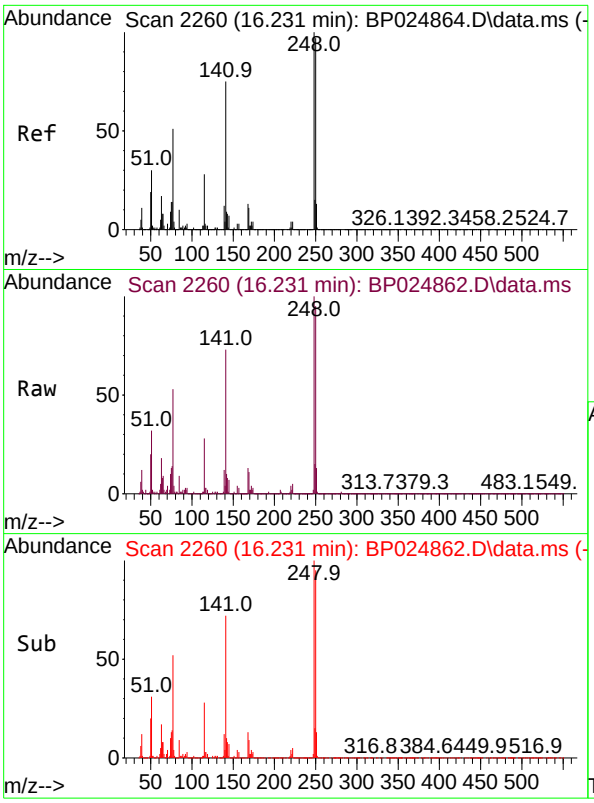


#66
n-Nitrosodiphenylamine
Concen: 9.812 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:169 Resp: 360674

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.0	79.6
167	37.3	28.6	43.0

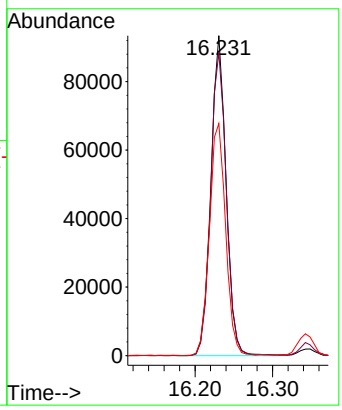




#67
4-Bromophenyl-phenylether
Concen: 9.530 ng
RT: 16.231 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:248 Resp: 12751

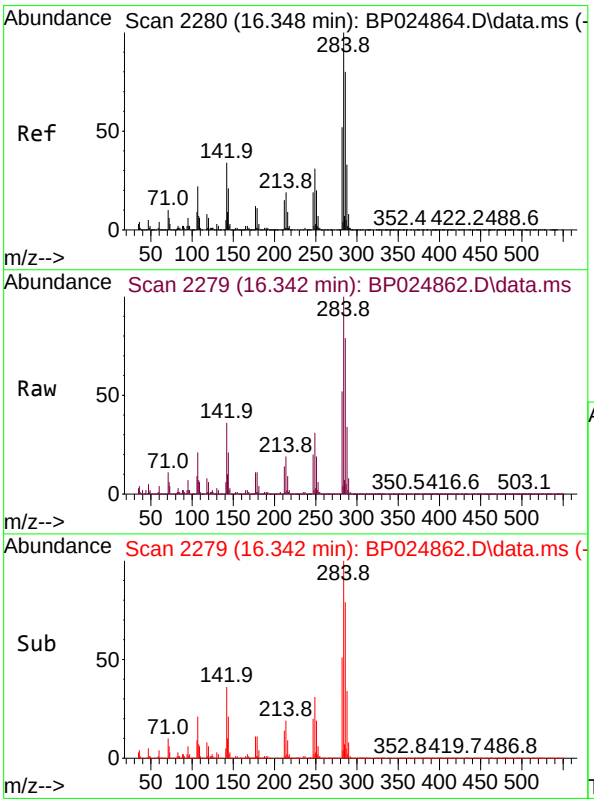
Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.4	116.2
141	72.5	59.9	89.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

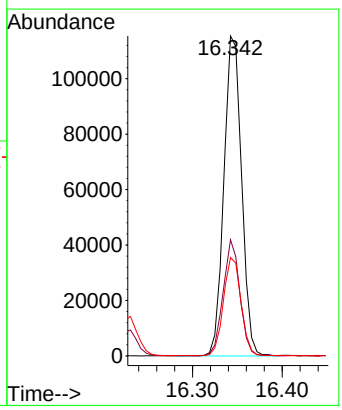
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

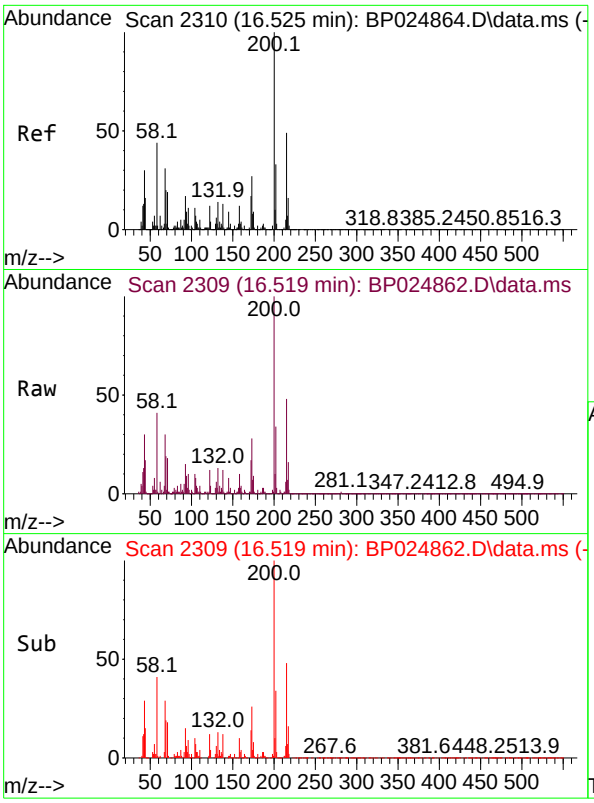


#68
Hexachlorobenzene
Concen: 9.794 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:284 Resp: 158870

Ion	Ratio	Lower	Upper
284	100		
142	36.3	27.0	40.6
249	30.7	25.0	37.6

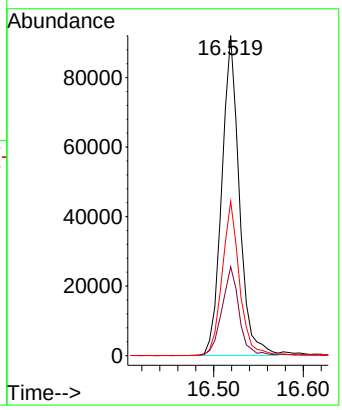




#69
Atrazine
Concen: 9.439 ng
RT: 16.519 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:200 Resp: 12577

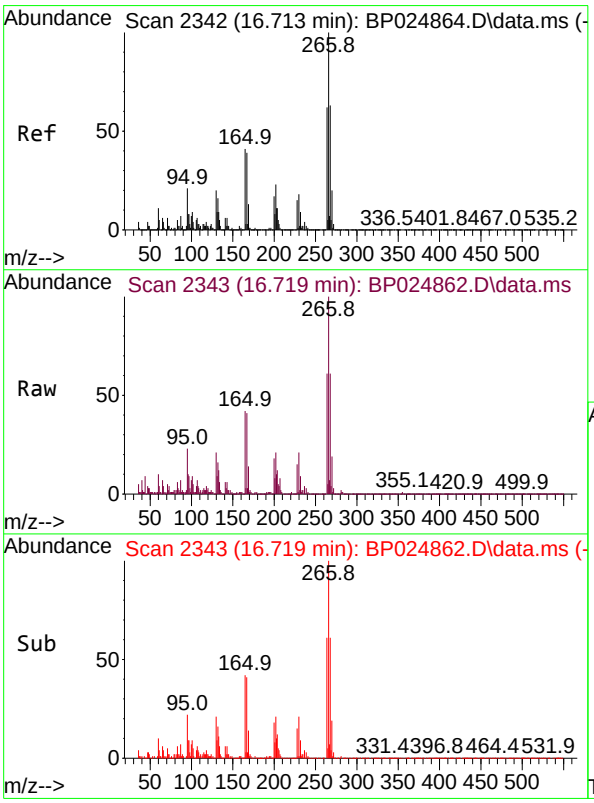
Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.9	46.9
215	48.2	28.7	68.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

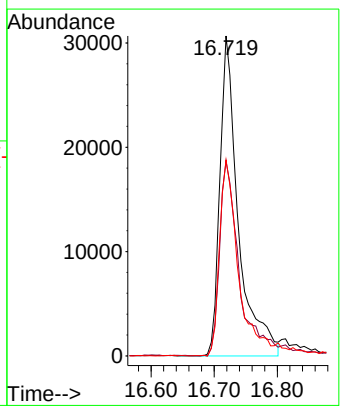
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

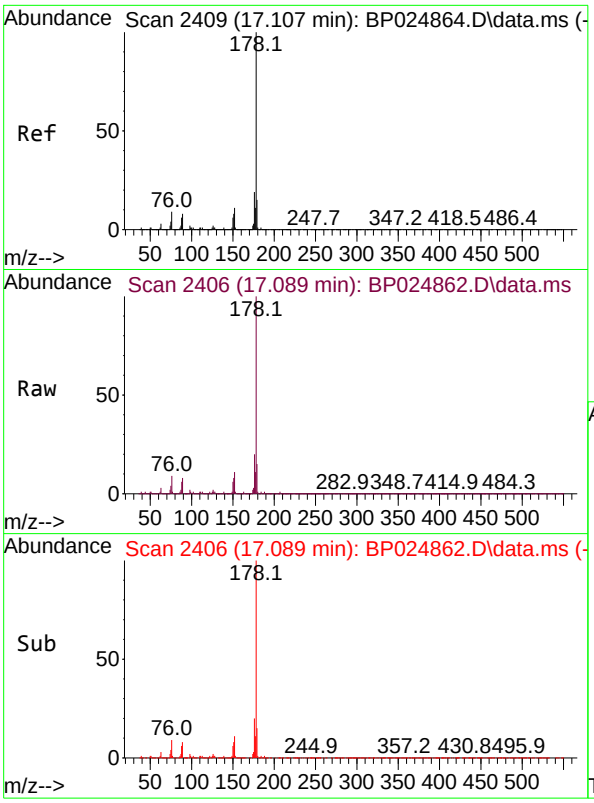


#70
Pentachlorophenol
Concen: 7.434 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:266 Resp: 62407

Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.6	76.0
264	61.3	49.7	74.5

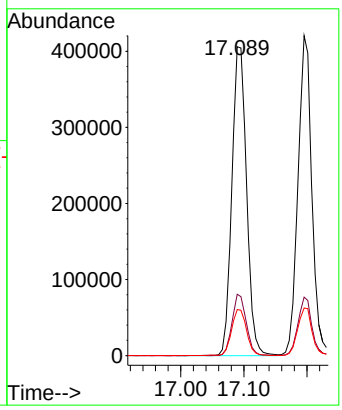




#71
Phenanthrene
Concen: 10.025 ng
RT: 17.089 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:178 Resp: 65700

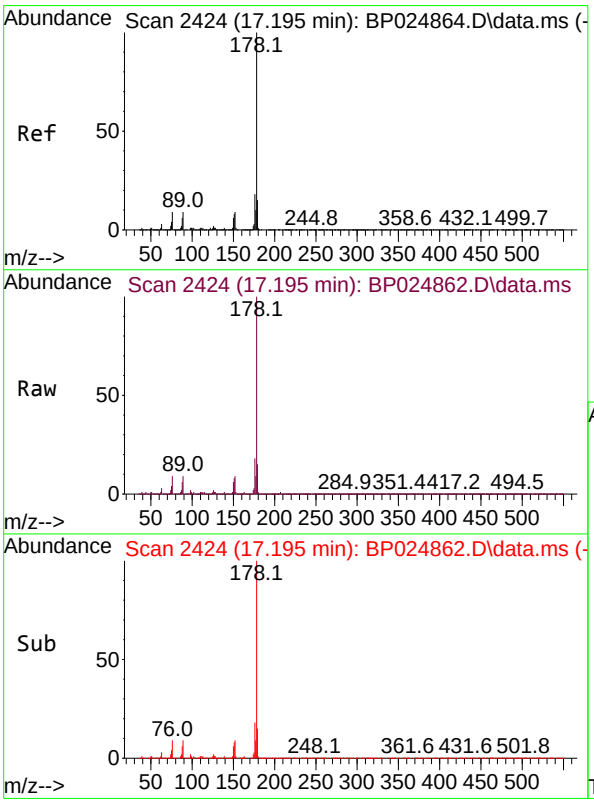
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	14.9	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

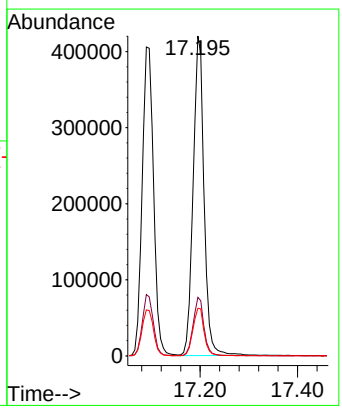
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

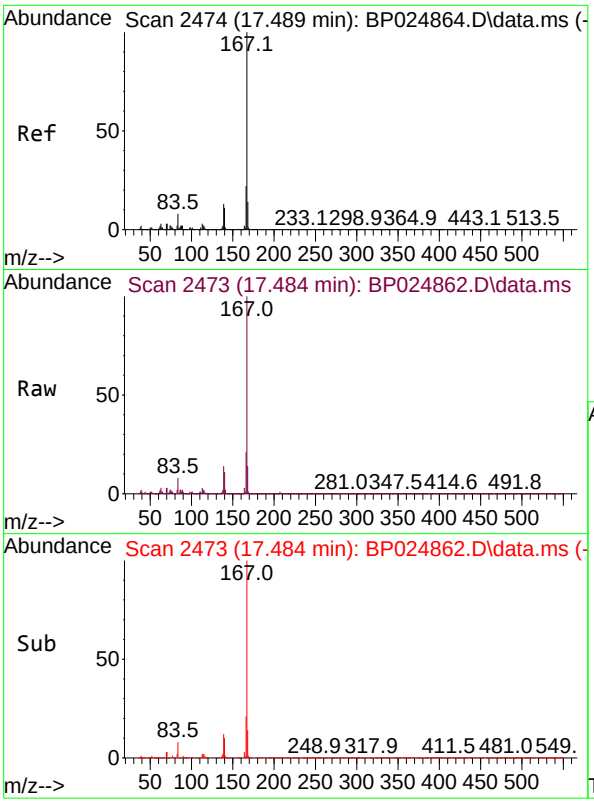


#72
Anthracene
Concen: 9.767 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:178 Resp: 648264

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	14.9	12.3	18.5

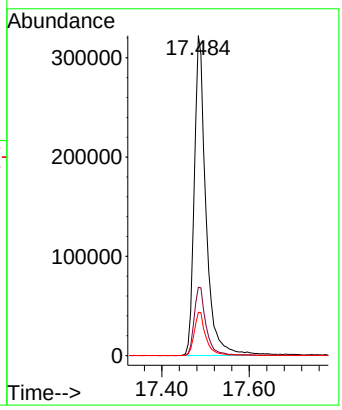




#73
Carbazole
Concen: 9.761 ng
RT: 17.484 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:167 Resp: 60047

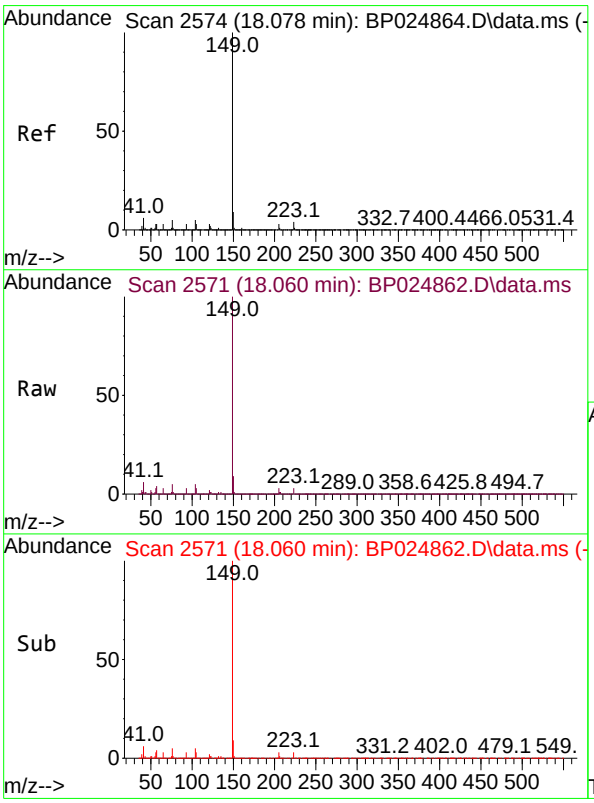
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	13.6	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

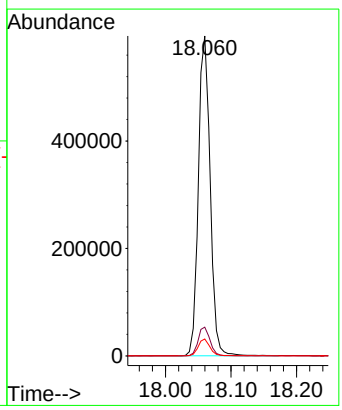
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

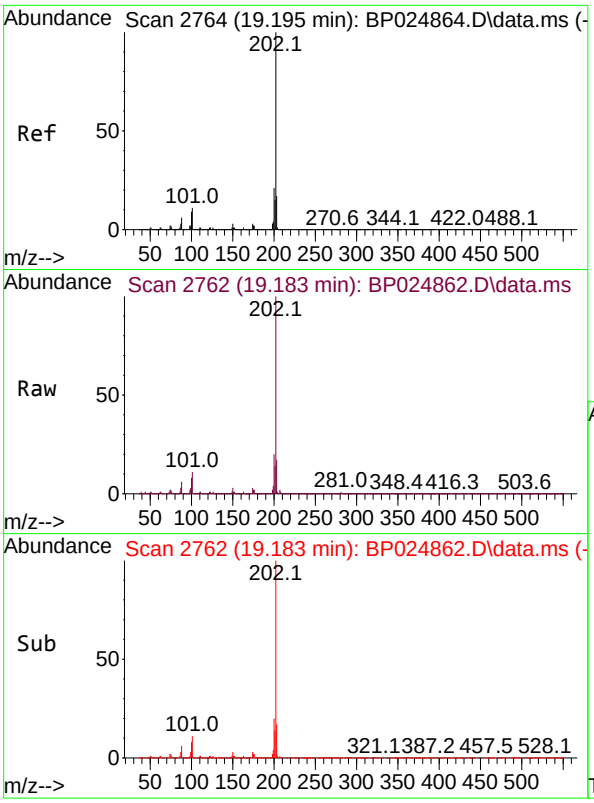


#74
Di-n-butylphthalate
Concen: 9.688 ng
RT: 18.060 min Scan# 2571
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 738469

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.3	4.2	6.2

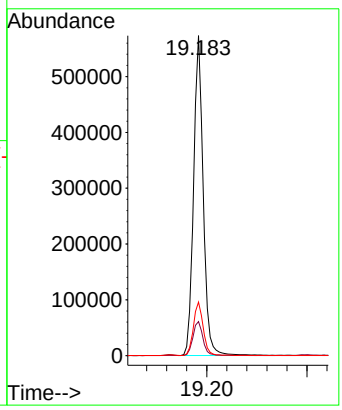




#75
Fluoranthene
Concen: 10.047 ng
RT: 19.183 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:202 Resp: 76315

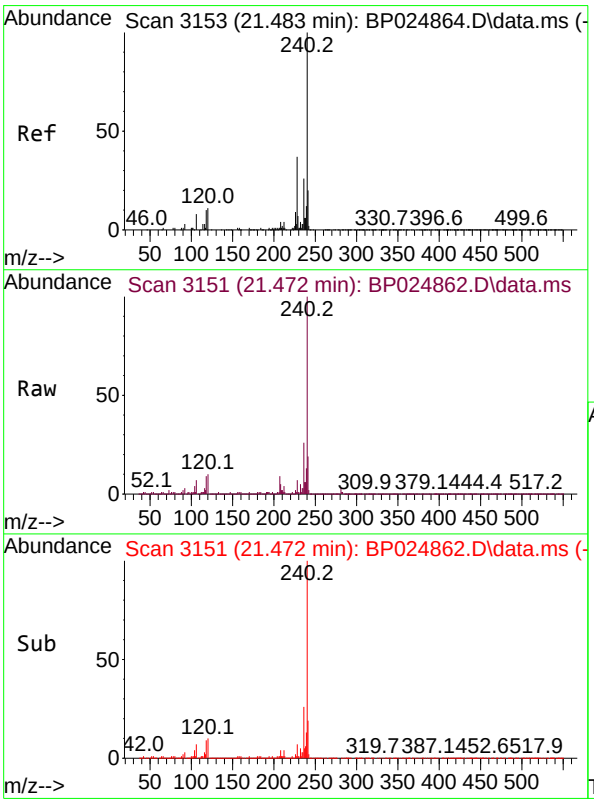
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	16.7	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

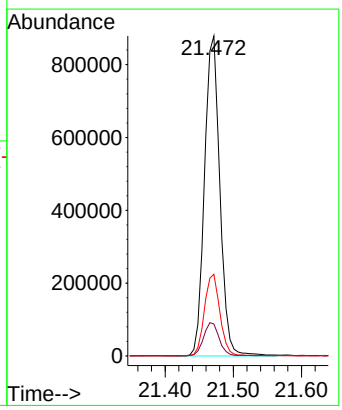
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

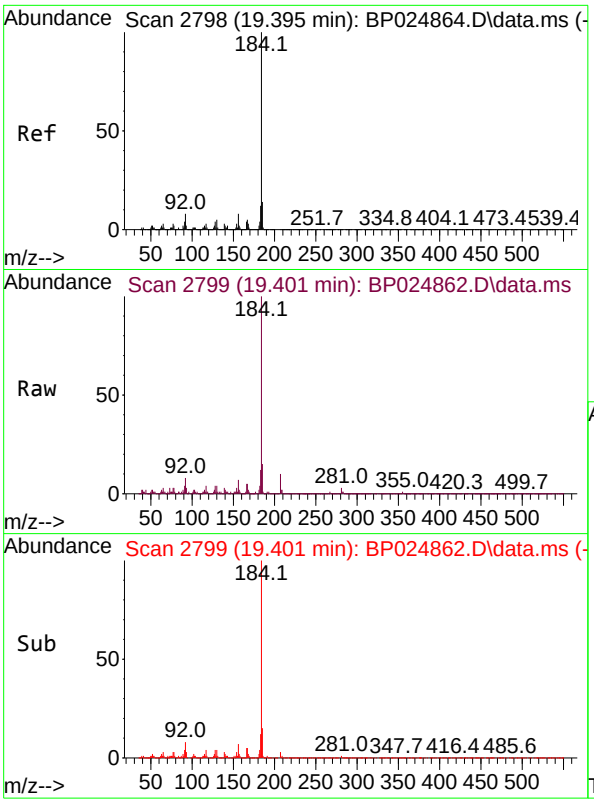


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:240 Resp: 1377321

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.5	20.9	31.3

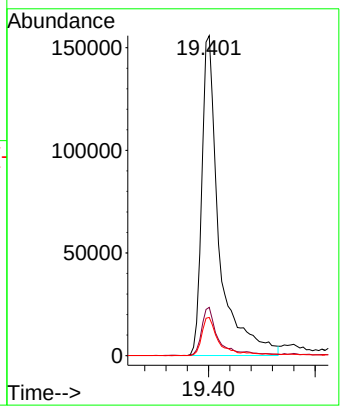




#77
Benzidine
Concen: 8.271 ng
RT: 19.401 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:184 Resp: 35283

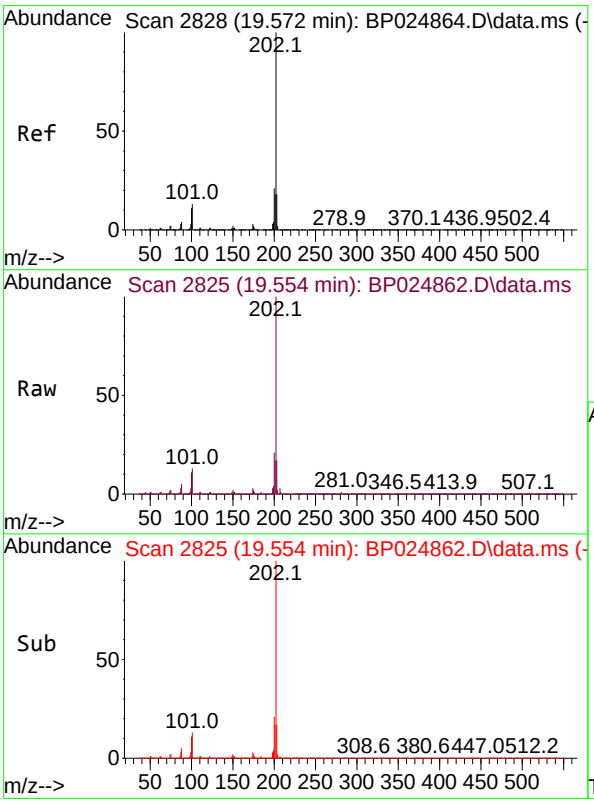
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.4	17.0
183	12.0	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

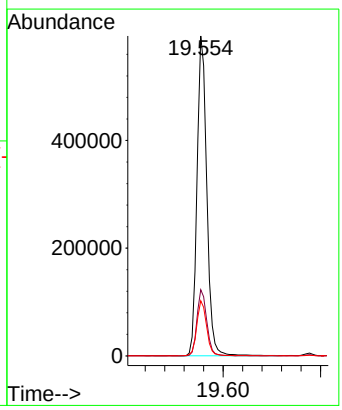
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

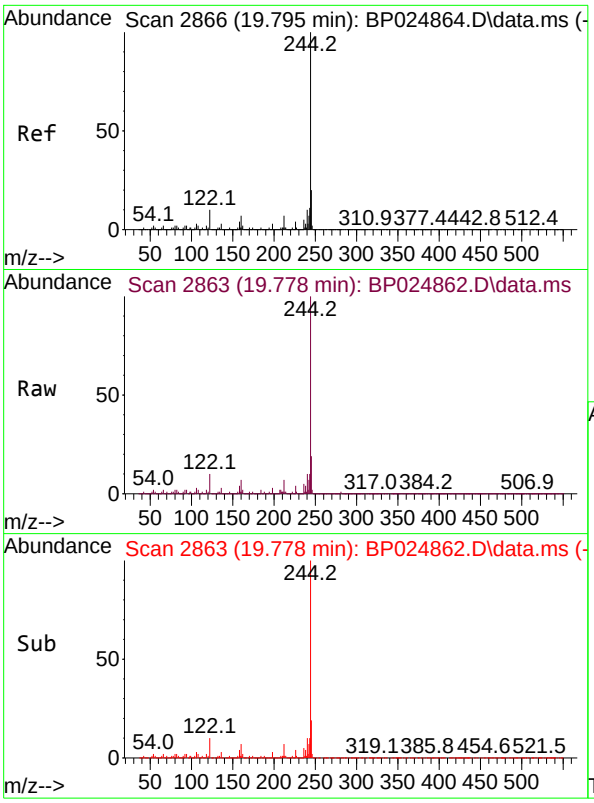


#78
Pyrene
Concen: 9.565 ng
RT: 19.554 min Scan# 2825
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:202 Resp: 823026

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.2	14.0	21.0





#79
Terphenyl-d14
Concen: 19.238 ng
RT: 19.778 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

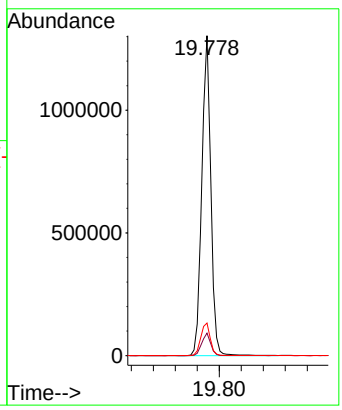
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

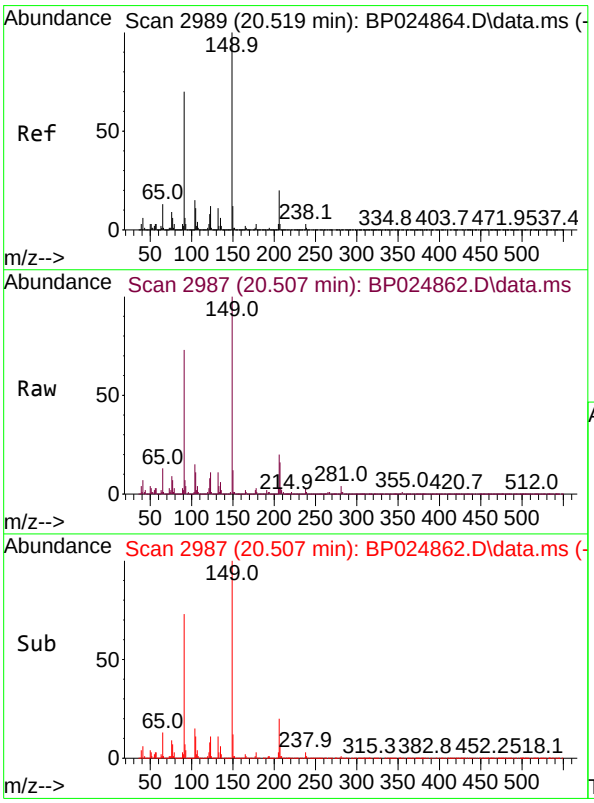
Tgt Ion:244 Resp: 147839

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.2	7.7	11.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

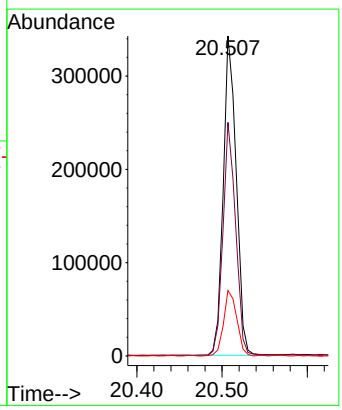


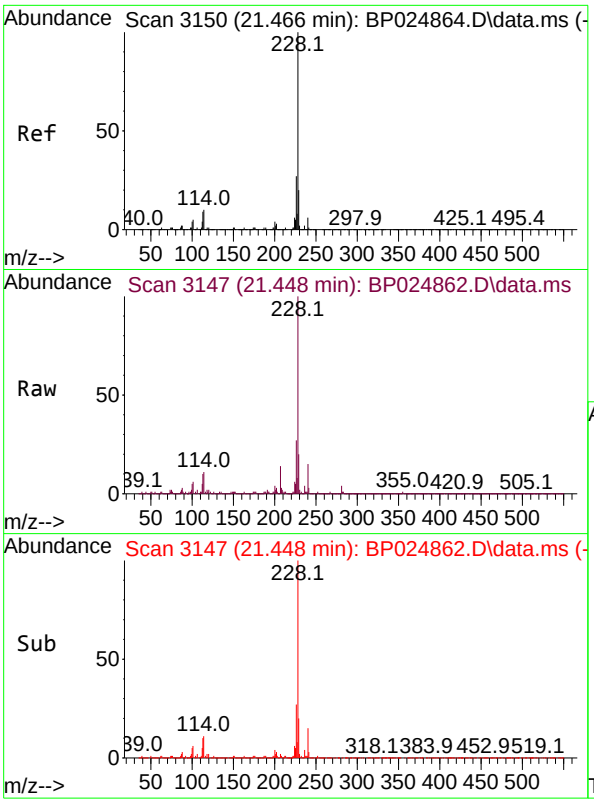


#80
Butylbenzylphthalate
Concen: 9.243 ng
RT: 20.507 min Scan# 2987
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 364314

Ion	Ratio	Lower	Upper
149	100		
91	73.0	55.8	83.8
206	20.4	16.2	24.2

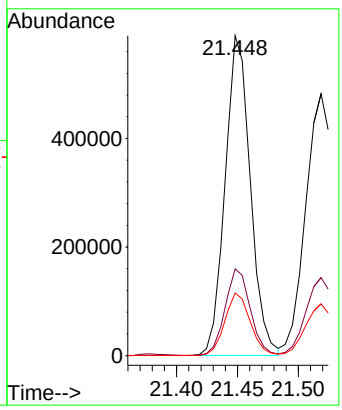




#81
Benzo(a)anthracene
Concen: 9.650 ng
RT: 21.448 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:228 Resp: 85004

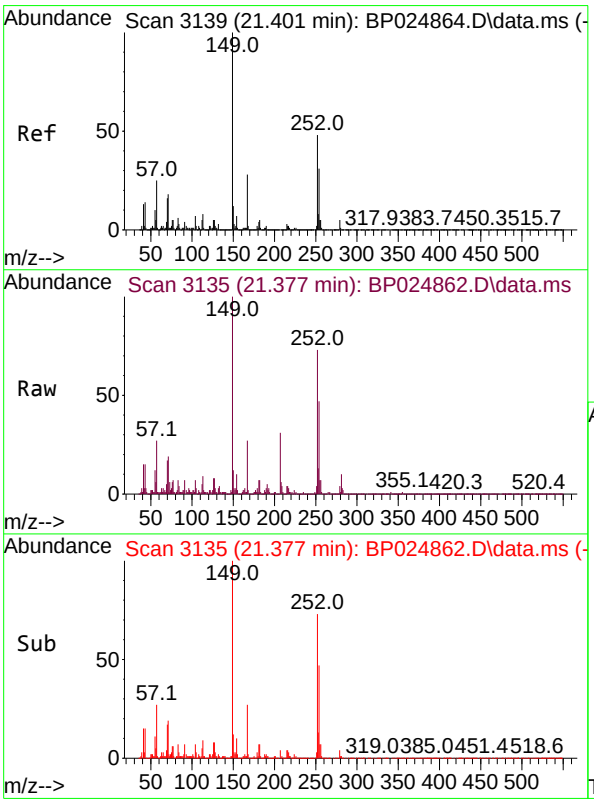
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.6	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

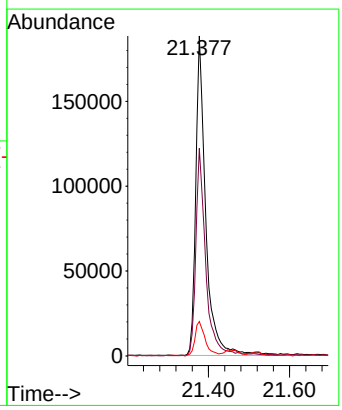
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

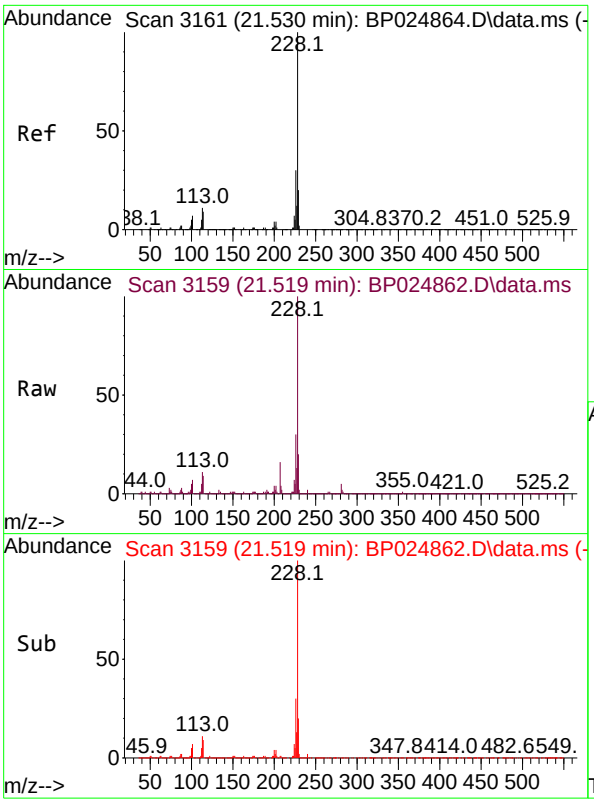


#82
3,3'-Dichlorobenzidine
Concen: 9.212 ng
RT: 21.377 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:252 Resp: 322154

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.2	76.8
126	10.7	8.6	12.8





#83
Chrysene
Concen: 9.687 ng
RT: 21.519 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

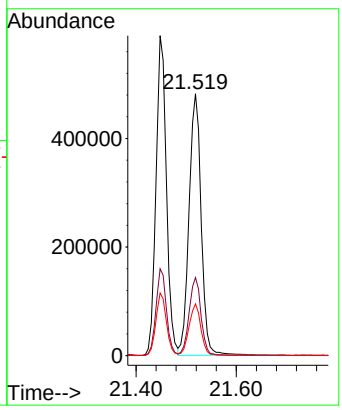
Tgt Ion:228 Resp: 80858

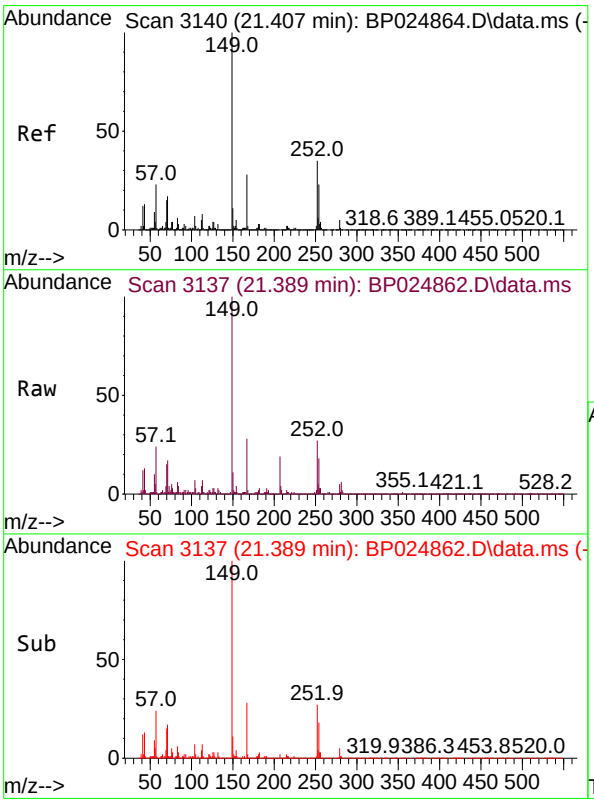
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.8	15.6	23.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

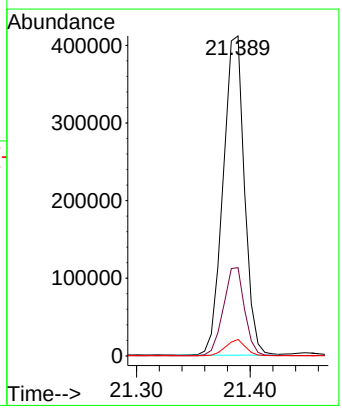


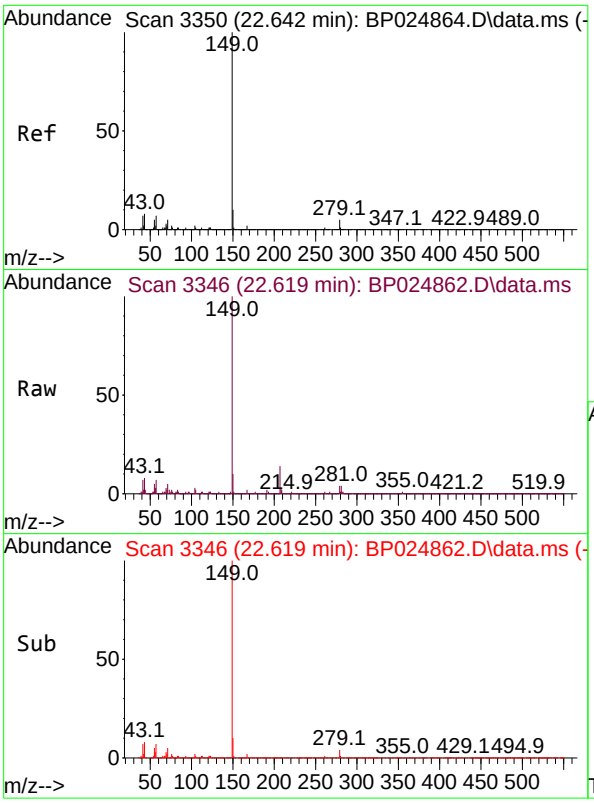


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.509 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 536981

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	5.1	4.0	6.0

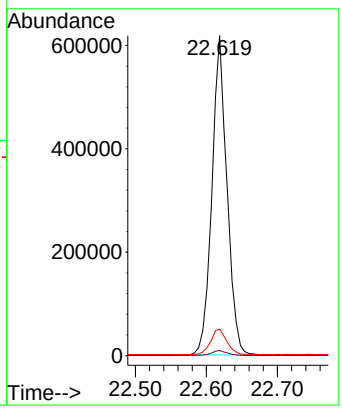




#85
Di-n-octyl phthalate
Concen: 9.134 ng
RT: 22.619 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 90917

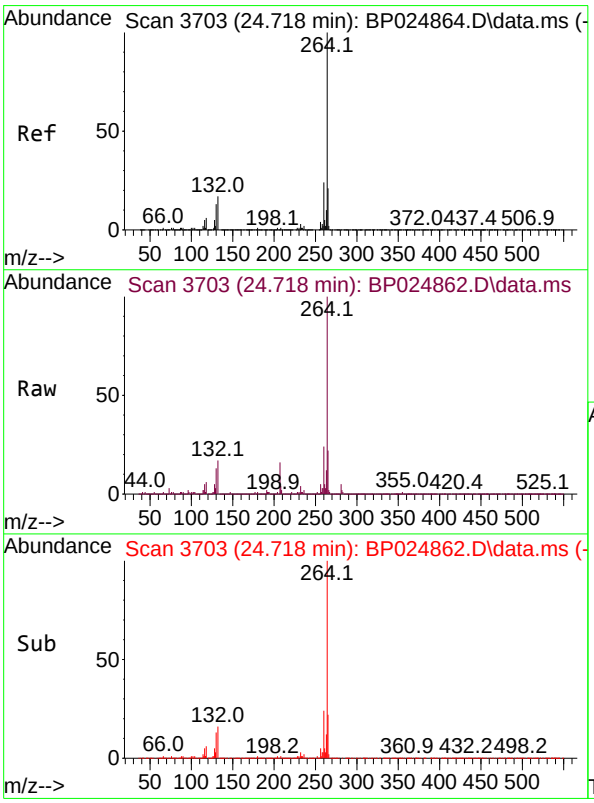
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

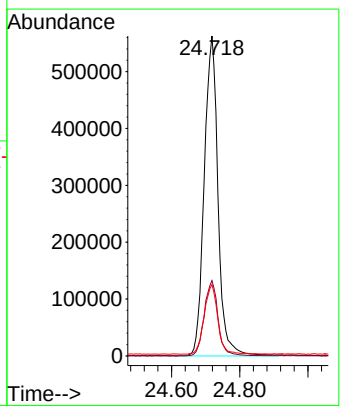
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

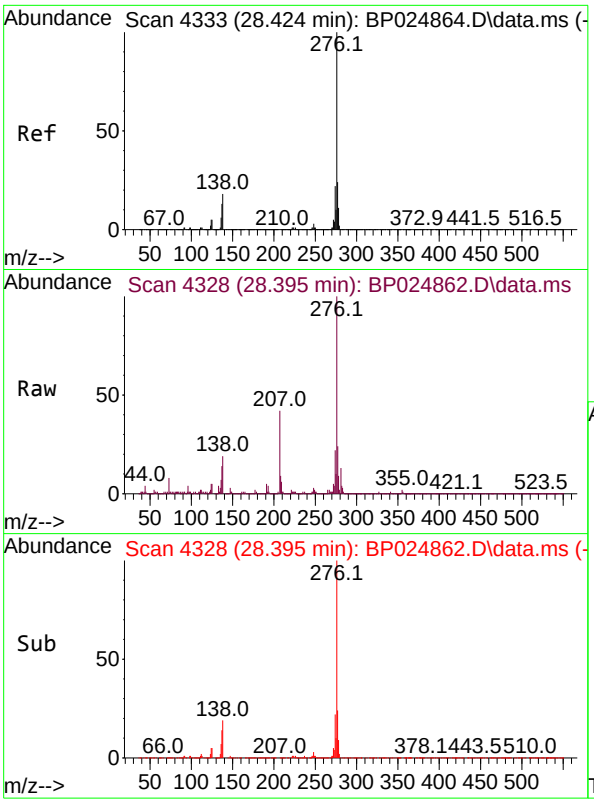


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:264 Resp: 1582534

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.3	17.4	26.0

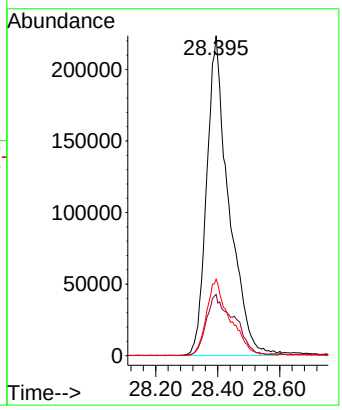




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.607 ng
RT: 28.395 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:276 Resp: 110929

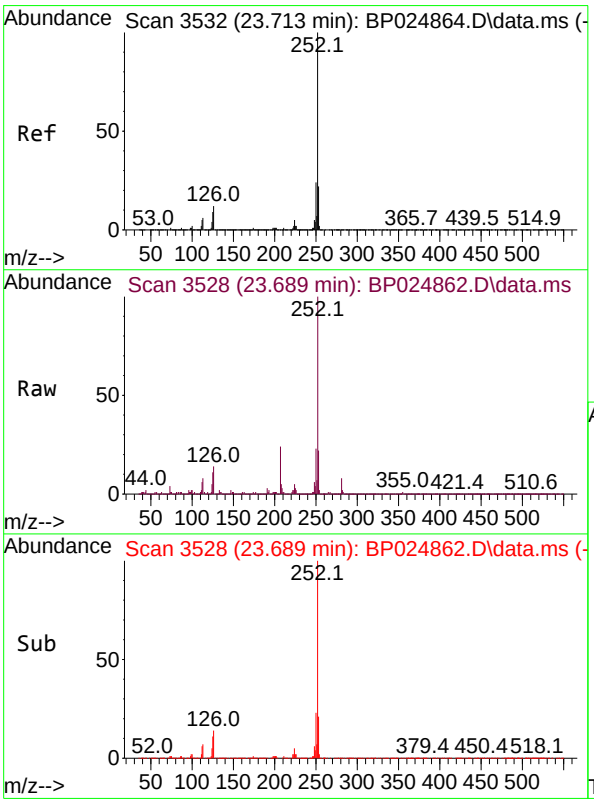
Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.6	27.8
277	25.1	20.2	30.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

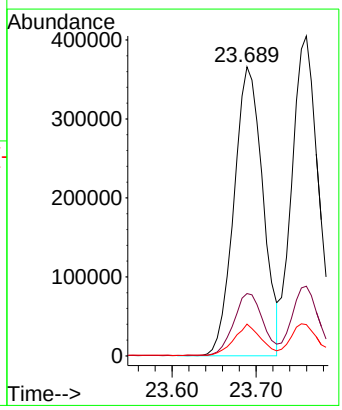
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

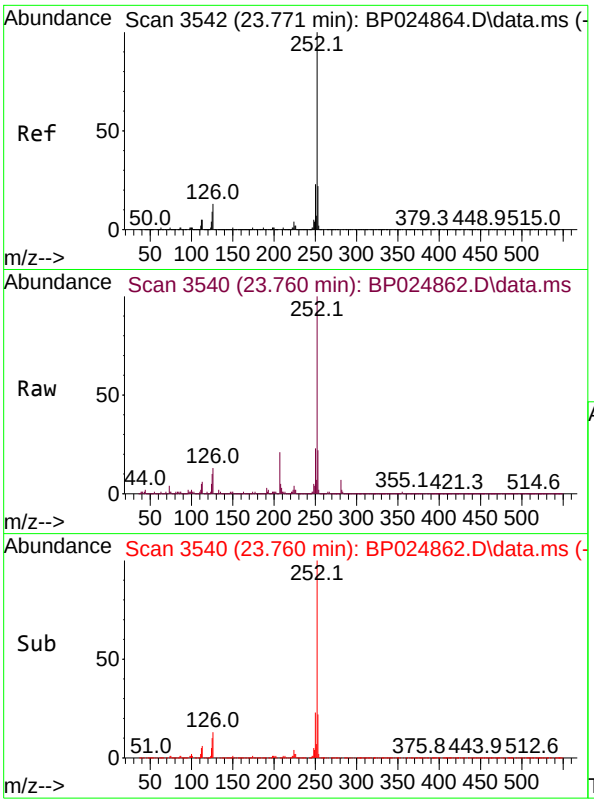


#88
Benzo(b)fluoranthene
Concen: 9.645 ng m
RT: 23.689 min Scan# 3528
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:252 Resp: 873515

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.0	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 9.819 ng
RT: 23.760 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

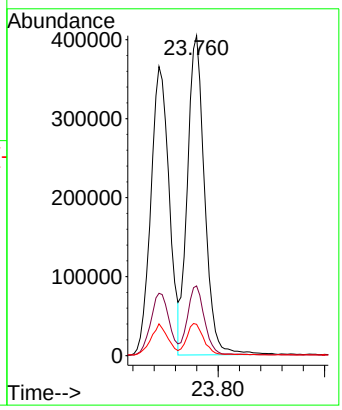
Tgt Ion:252 Resp: 90526

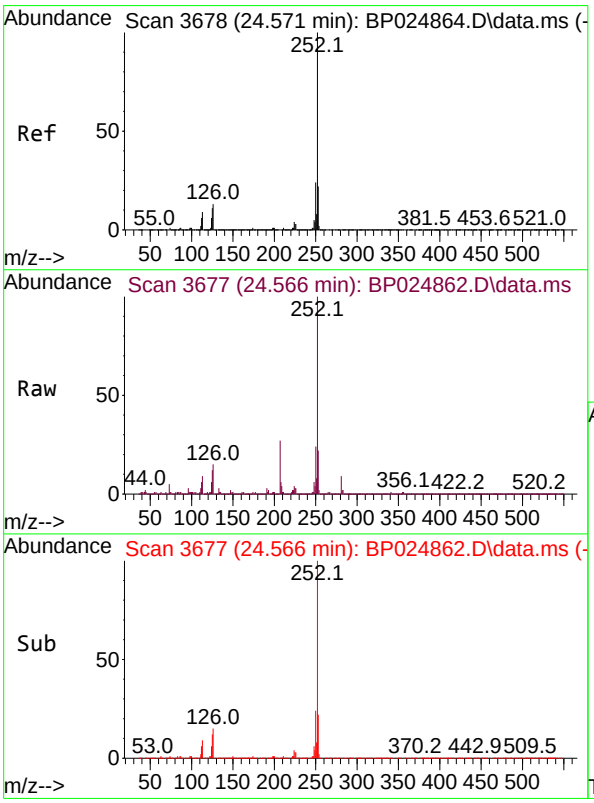
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.8	7.4	11.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

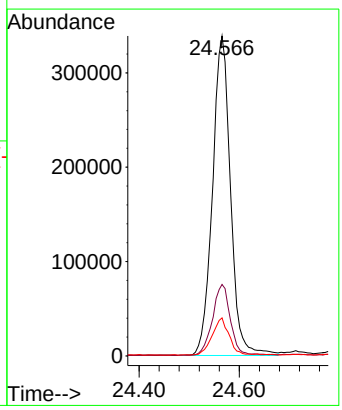


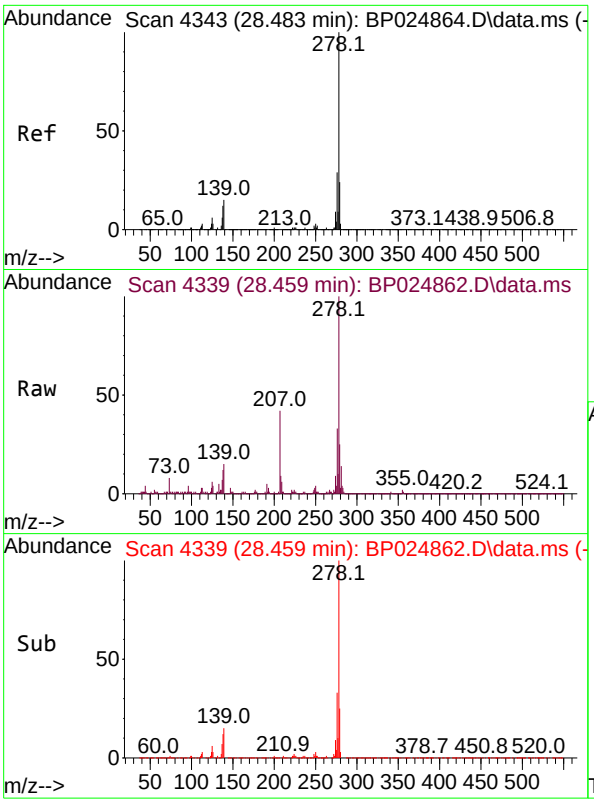


#90
Benzo(a)pyrene
Concen: 9.562 ng
RT: 24.566 min Scan# 3677
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:252 Resp: 845698

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.9	8.8	13.2

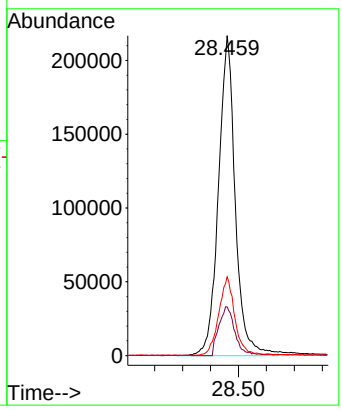




#91
Dibenzo(a,h)anthracene
Concen: 9.624 ng
RT: 28.459 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:278 Resp: 90452

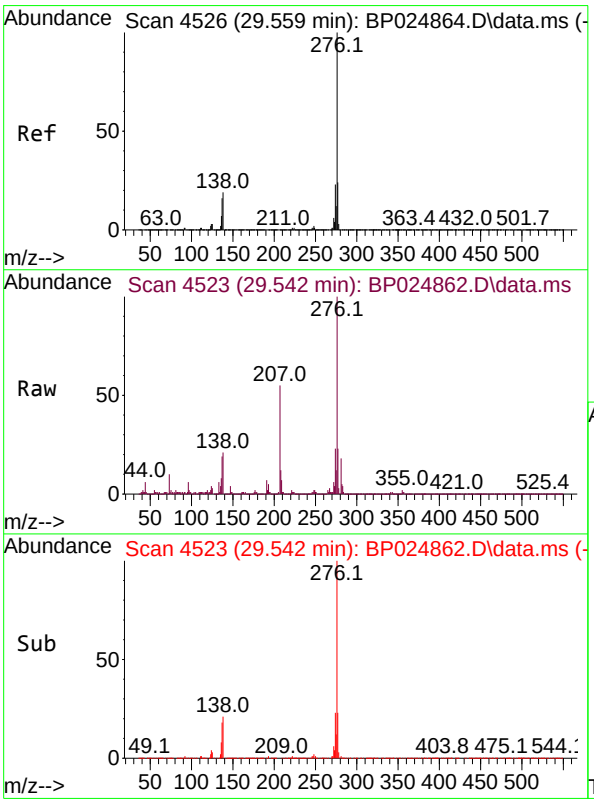
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	24.6	19.1	28.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

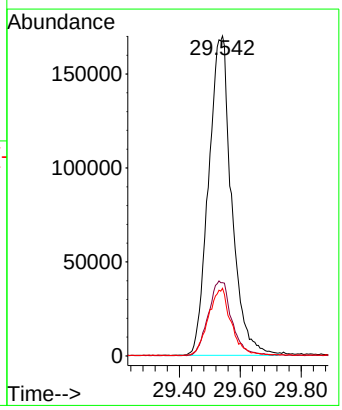
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 9.560 ng
RT: 29.542 min Scan# 4523
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:276 Resp: 891492

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	21.1	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024863.D
Acq On : 06 Jun 2025 12:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	222586	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	933995	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	604798	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1187838	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1296607	20.000	ng	0.00
86) Perylene-d12	24.730	264	1539603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	537271	40.291	ng	0.00
7) Phenol-d6	6.814	99	706853	40.063	ng	0.00
23) Nitrobenzene-d5	8.760	82	789724	41.087	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	337588	40.373	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	1834625	40.864	ng	0.00
79) Terphenyl-d14	19.783	244	2972885	41.093	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	116694	19.888	ng	99
3) Pyridine	3.572	79	281621	19.958	ng	98
4) n-Nitrosodimethylamine	3.484	42	113202	19.623	ng	99
6) Aniline	6.955	93	448798	19.932	ng	98
8) 2-Chlorophenol	7.190	128	299518	19.813	ng	99
9) Benzaldehyde	6.772	77	238300m	23.366	ng	
10) Phenol	6.843	94	359664	19.774	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	296876	20.752	ng	99
12) 1,3-Dichlorobenzene	7.502	146	342054	20.283	ng	99
13) 1,4-Dichlorobenzene	7.643	146	341710	20.082	ng	99
14) 1,2-Dichlorobenzene	7.960	146	331251	19.825	ng	99
15) Benzyl Alcohol	7.866	79	263723	19.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	383219	20.467	ng	98
17) 2-Methylphenol	8.072	107	253261	19.940	ng	96
18) Hexachloroethane	8.666	117	129276	20.180	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	246328	20.537	ng	99
20) 3+4-Methylphenols	8.402	107	344513	19.881	ng	97
22) Acetophenone	8.425	105	476927	20.211	ng	98
24) Nitrobenzene	8.802	77	350404	20.521	ng	98
25) Isophorone	9.325	82	676527	20.309	ng	100
26) 2-Nitrophenol	9.513	139	166277	19.736	ng	99
27) 2,4-Dimethylphenol	9.584	122	289730	20.094	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	409390	20.603	ng	99
29) 2,4-Dichlorophenol	10.060	162	280050	20.242	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	313253	20.074	ng	99
31) Naphthalene	10.431	128	975495	20.381	ng	100
32) Benzoic acid	9.725	122	168675	17.546	ng	97
33) 4-Chloroaniline	10.554	127	406109	20.252	ng	99
34) Hexachlorobutadiene	10.707	225	194310	20.660	ng	99
35) Caprolactam	11.337	113	101727	19.975	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	328233	20.569	ng	98
37) 2-Methylnaphthalene	12.043	142	615339	20.267	ng	99
38) 1-Methylnaphthalene	12.266	142	670212	20.648	ng	97
40) 1,2,4,5-Tetrachloroben...	12.419	216	343533	20.018	ng	100
41) Hexachlorocyclopentadiene	12.390	237	190407	18.191	ng	100
43) 2,4,6-Trichlorophenol	12.684	196	233556	20.265	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024863.D
Acq On : 06 Jun 2025 12:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	250294	20.279	ng		99
46) 1,1'-Biphenyl	13.066	154	898074	20.433	ng		99
47) 2-Chloronaphthalene	13.113	162	686558	20.324	ng		100
48) 2-Nitroaniline	13.337	65	208318	20.059	ng		97
49) Acenaphthylene	13.966	152	1144019	20.311	ng		99
50) Dimethylphthalate	13.707	163	908091	20.354	ng		100
51) 2,6-Dinitrotoluene	13.831	165	197073	20.490	ng		98
52) Acenaphthene	14.313	154	658935	20.416	ng		99
53) 3-Nitroaniline	14.172	138	204033	20.442	ng		97
54) 2,4-Dinitrophenol	14.401	184	93544	19.461	ng		97
55) Dibenzofuran	14.654	168	1061912	20.497	ng		99
56) 4-Nitrophenol	14.548	139	128784	19.619	ng		98
57) 2,4-Dinitrotoluene	14.637	165	276443	20.547	ng		99
58) Fluorene	15.319	166	858671	20.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	217510	19.689	ng		99
60) Diethylphthalate	15.090	149	899294	20.225	ng		98
61) 4-Chlorophenyl-phenyle...	15.307	204	416662	20.361	ng		99
62) 4-Nitroaniline	15.360	138	185839	20.523	ng		98
63) Azobenzene	15.607	77	843121	20.675	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	148616	19.041	ng		100
66) n-Nitrosodiphenylamine	15.531	169	751407	20.409	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	268797	20.055	ng		99
68) Hexachlorobenzene	16.342	284	323008	19.880	ng		99
69) Atrazine	16.513	200	274257	20.548	ng		99
70) Pentachlorophenol	16.713	266	155614	18.505	ng		98
71) Phenanthrene	17.095	178	1318071	20.080	ng		100
72) Anthracene	17.184	178	1350106	20.308	ng		100
73) Carbazole	17.478	167	1256103	20.385	ng		100
74) Di-n-butylphthalate	18.066	149	1575537	20.637	ng		99
75) Fluoranthene	19.183	202	1552399	20.404	ng		100
77) Benzidine	19.395	184	867418	21.600	ng		99
78) Pyrene	19.560	202	1634896	20.183	ng		99
80) Butylbenzylphthalate	20.513	149	753875	20.318	ng		99
81) Benzo(a)anthracene	21.466	228	1669395	20.131	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	664556	20.185	ng		100
83) Chrysene	21.530	228	1593419	20.278	ng		100
84) Bis(2-ethylhexyl)phtha...	21.401	149	1097129	20.638	ng		99
85) Di-n-octyl phthalate	22.630	149	1865014	19.903	ng		99
87) Indeno(1,2,3-cd)pyrene	28.401	276	2261110	20.129	ng	#	92
88) Benzo(b)fluoranthene	23.695	252	1743865	19.792	ng		98
89) Benzo(k)fluoranthene	23.760	252	1817500	20.264	ng		99
90) Benzo(a)pyrene	24.566	252	1735236	20.166	ng		99
91) Dibenzo(a,h)anthracene	28.459	278	1850432	20.237	ng		99
92) Benzo(g,h,i)perylene	29.530	276	1820845	20.071	ng		97

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

ICAL Form

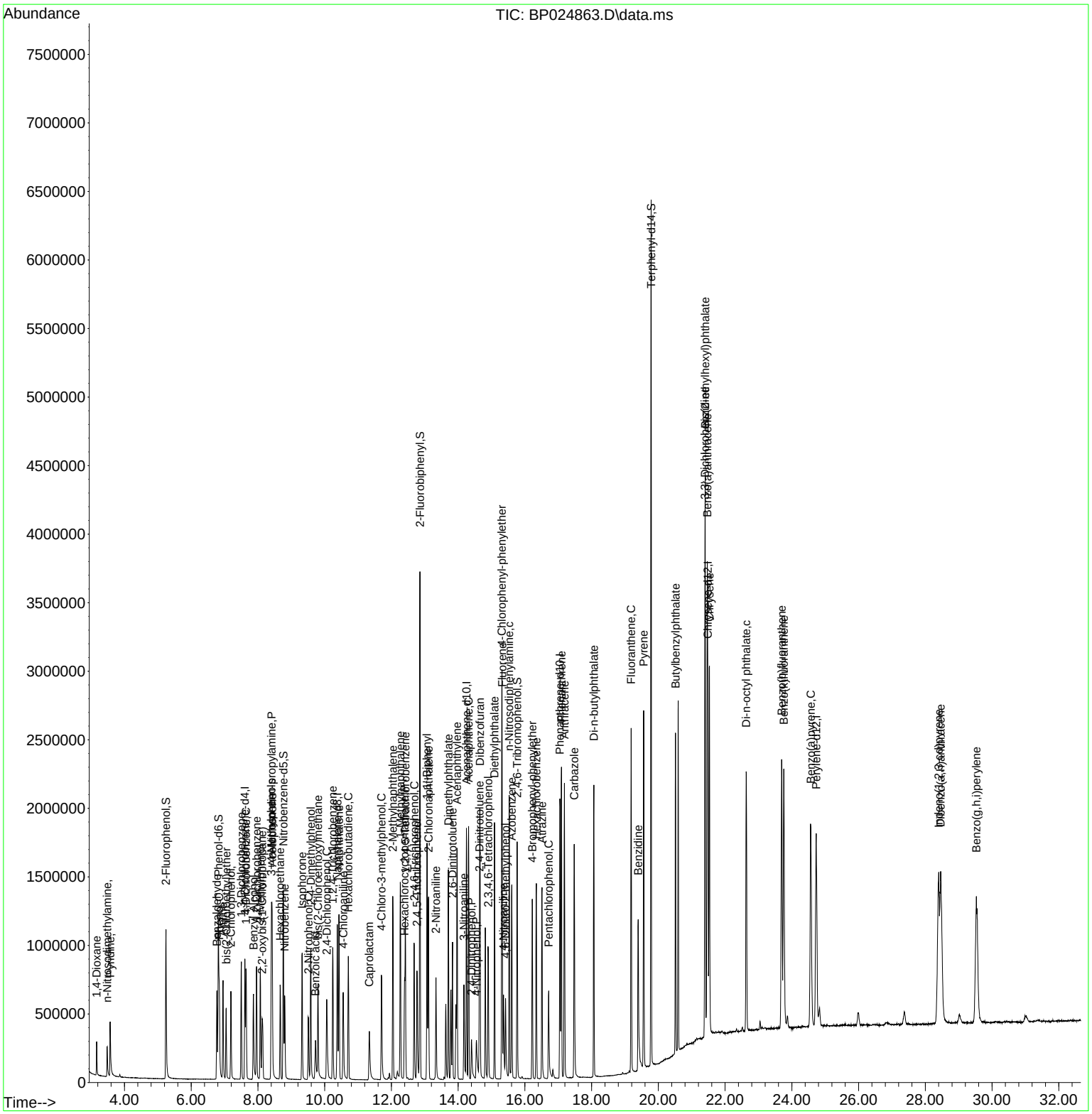
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024863.D
Acq On : 06 Jun 2025 12:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

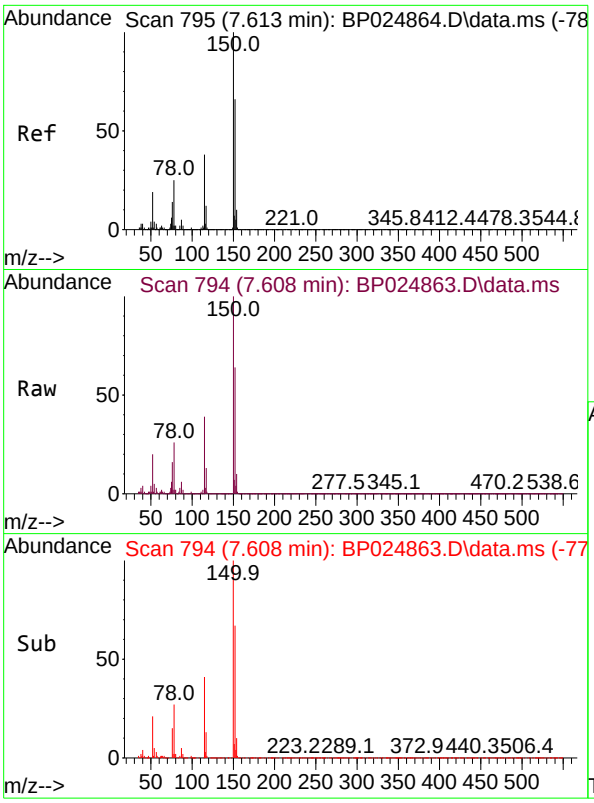
Quant Time: Jun 06 16:00:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

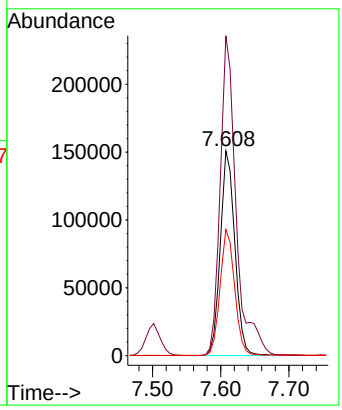




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:152 Resp: 22258

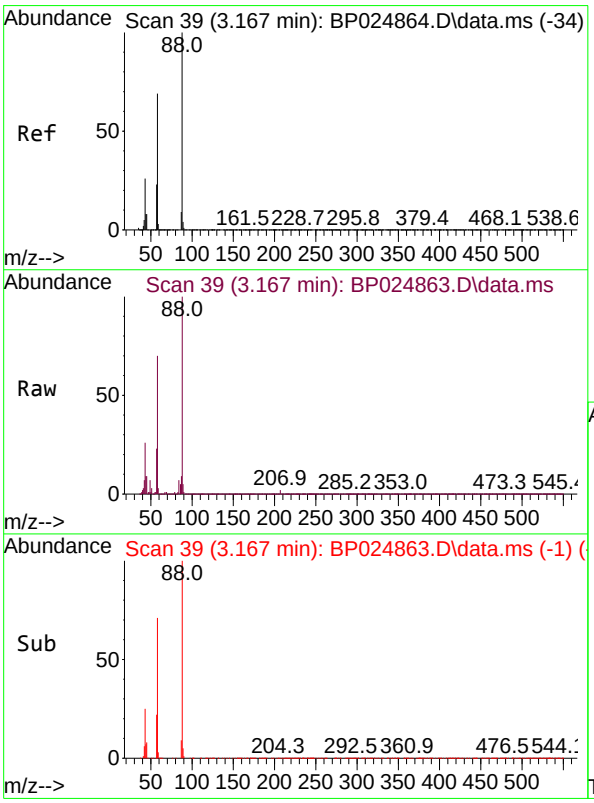
Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.1	183.1
115	61.6	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

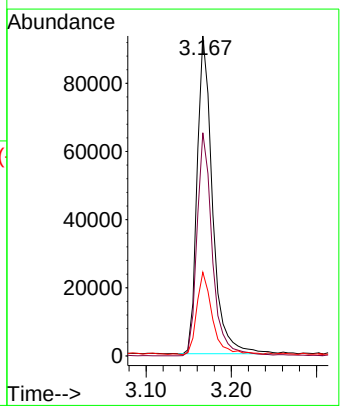
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

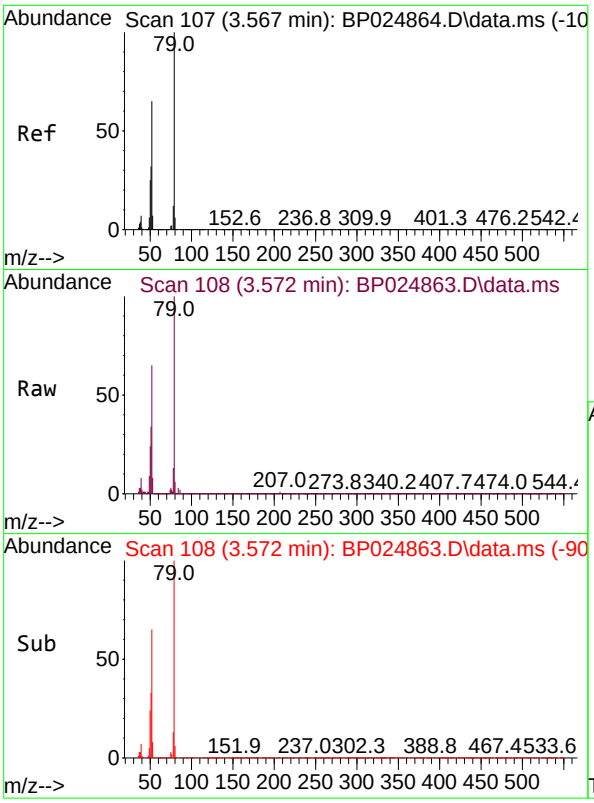


#2
1,4-Dioxane
Concen: 19.888 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 88 Resp: 116694

Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.4	83.0
43	25.6	20.8	31.2

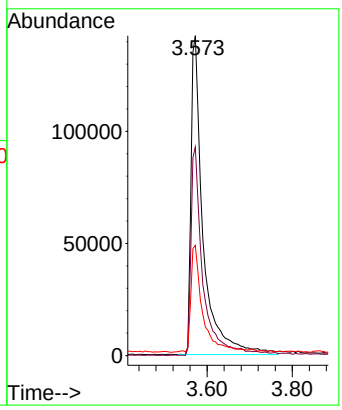




#3
Pyridine
Concen: 19.958 ng
RT: 3.572 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 79 Resp: 28162

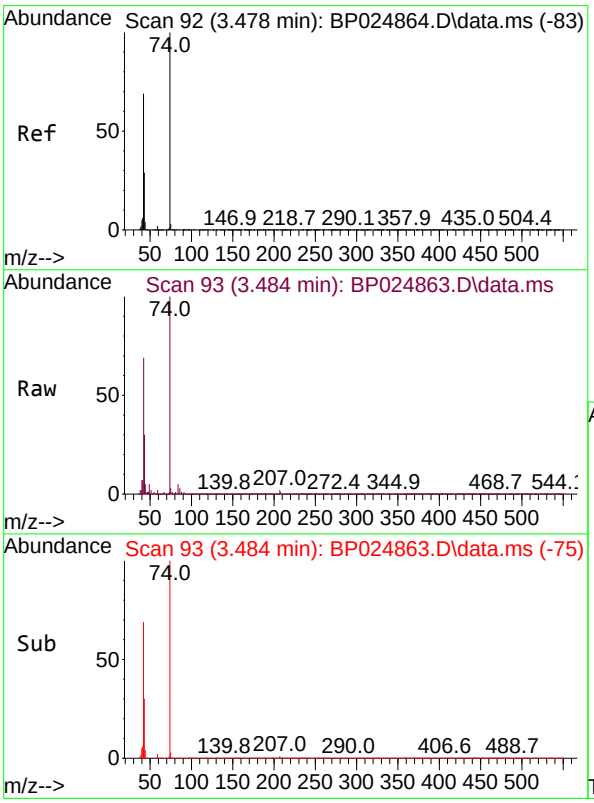
Ion	Ratio	Lower	Upper
79	100		
52	65.2	51.6	77.4
51	34.4	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

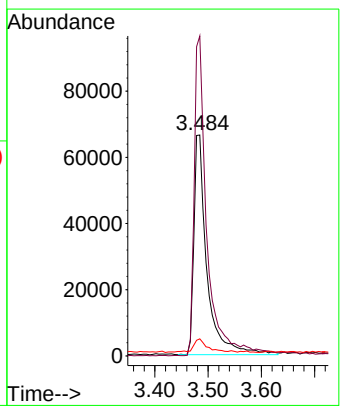
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

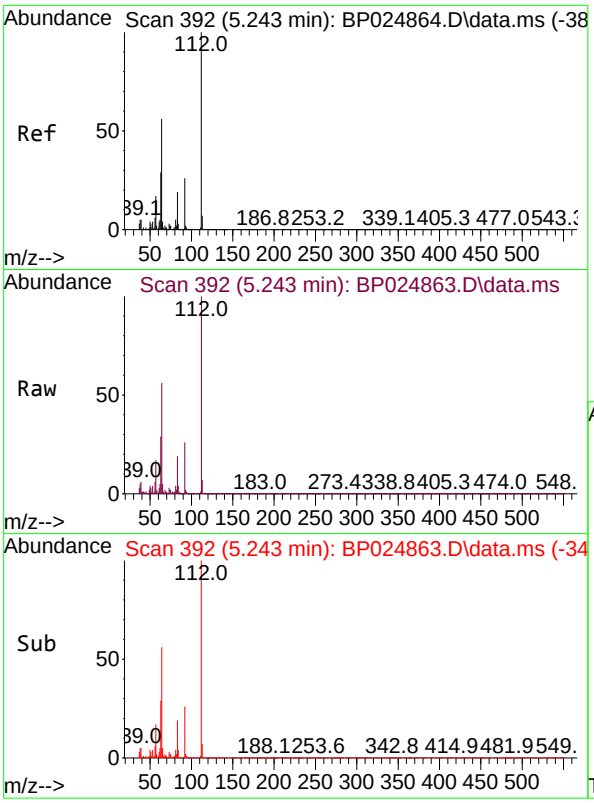


#4
n-Nitrosodimethylamine
Concen: 19.623 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 42 Resp: 113202

Ion	Ratio	Lower	Upper
42	100		
74	144.8	116.6	174.8
44	7.7	5.4	8.0

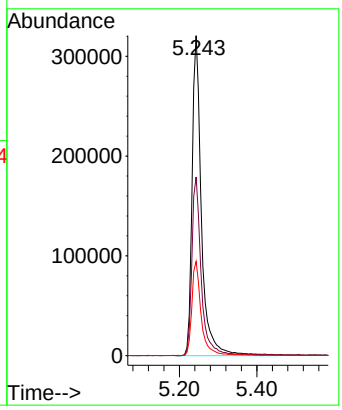




#5
2-Fluorophenol
Concen: 40.291 ng
RT: 5.243 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:112 Resp: 53727

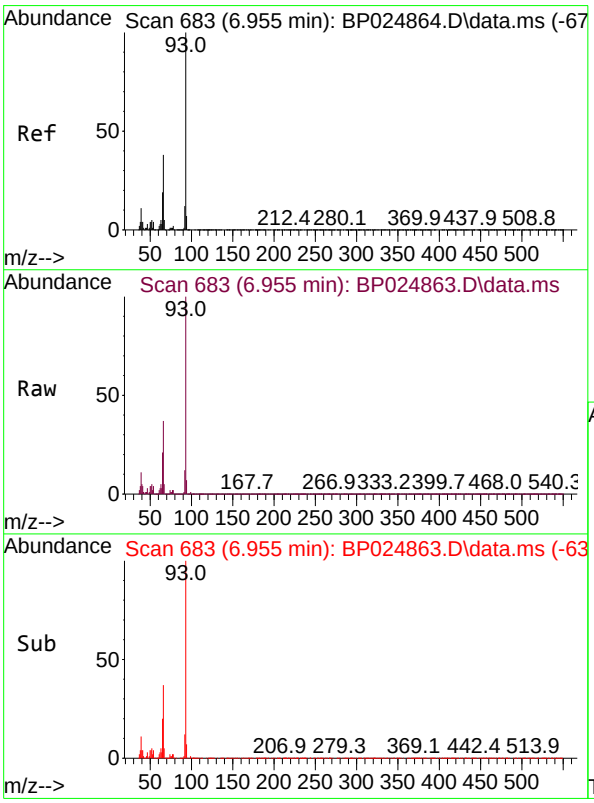
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.7	67.1
63	29.4	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

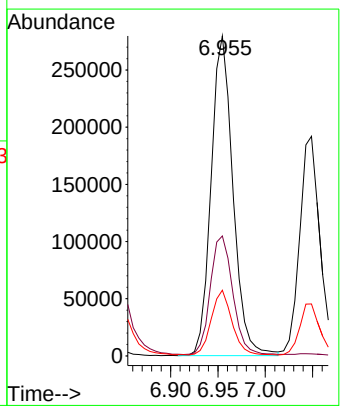
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

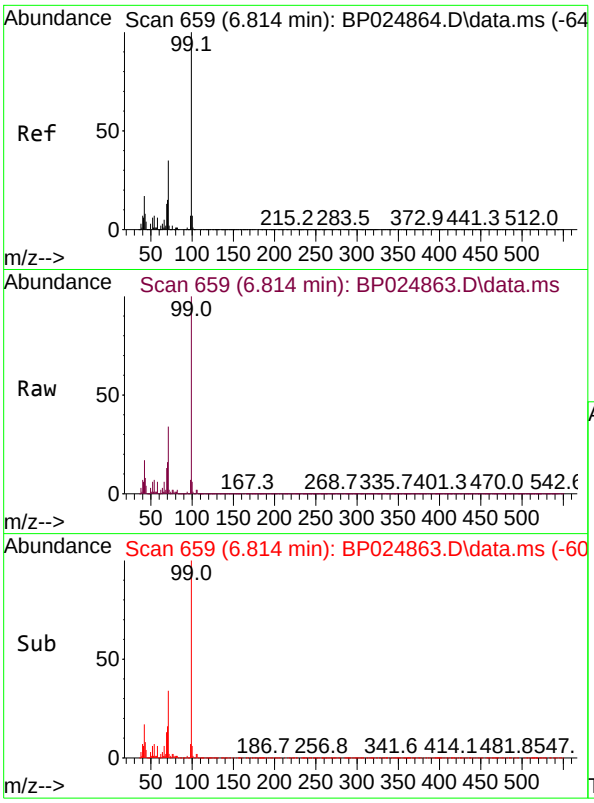


#6
Aniline
Concen: 19.932 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 93 Resp: 448798

Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.9	46.3
65	20.5	15.5	23.3

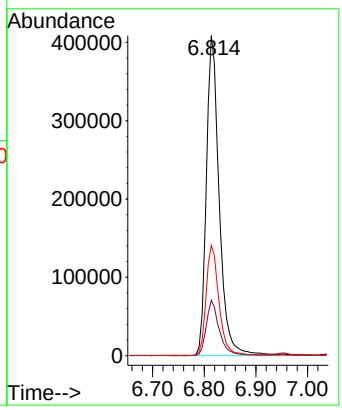




#7
Phenol-d6
Concen: 40.063 ng
RT: 6.814 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 99 Resp: 70685

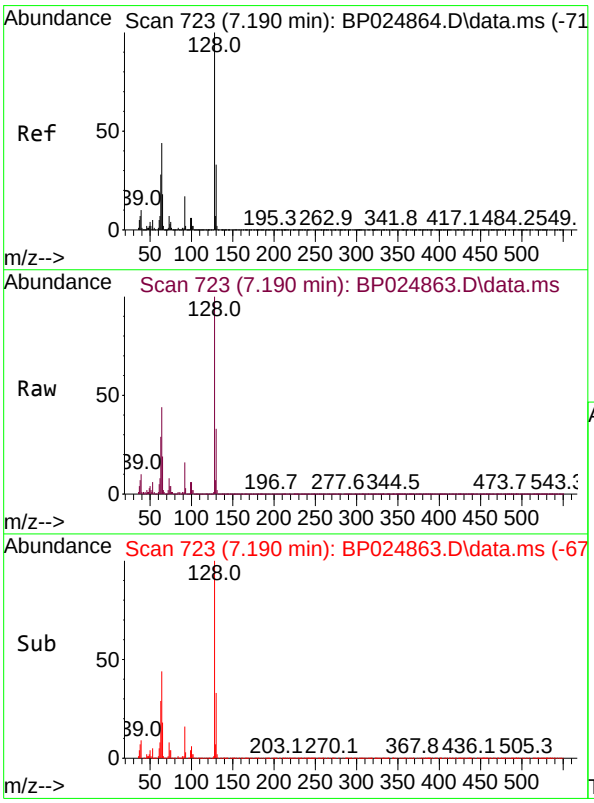
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.4	20.2
71	34.4	27.6	41.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

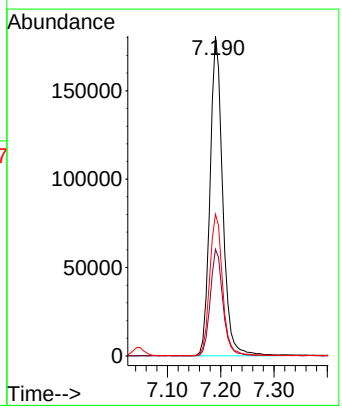
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

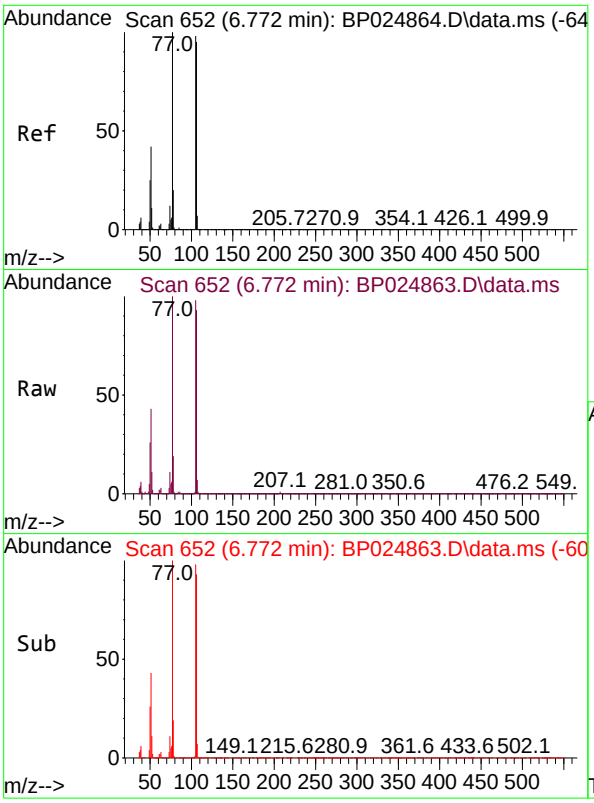


#8
2-Chlorophenol
Concen: 19.813 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:128 Resp: 299518

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	44.3	24.1	64.1

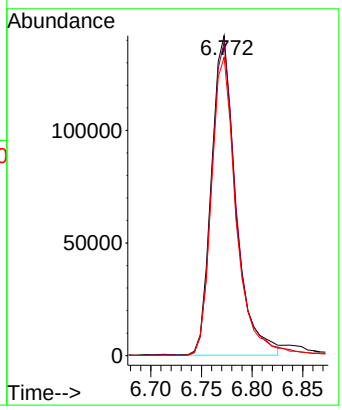




#9
Benzaldehyde
Concen: 23.366 ng m
RT: 6.772 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 77 Resp: 23830

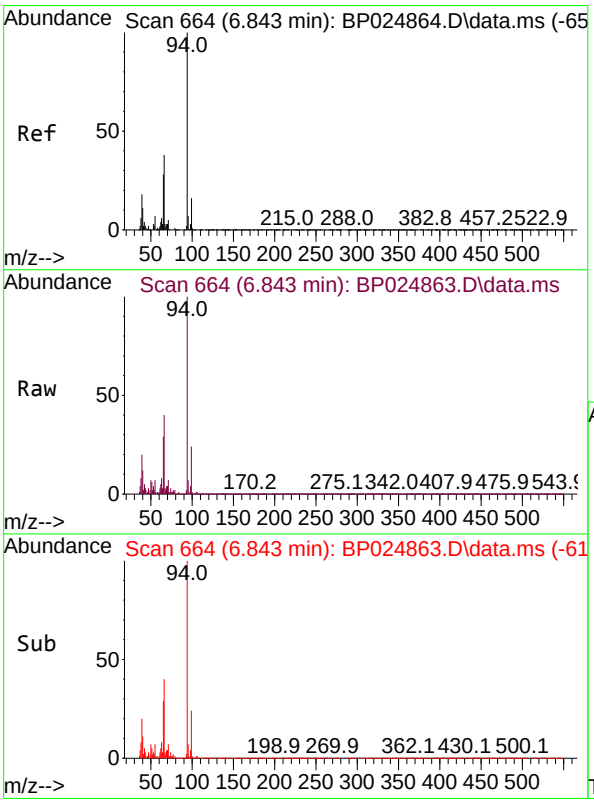
Ion	Ratio	Lower	Upper
77	100		
105	97.9	77.7	117.7
106	93.2	74.8	114.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

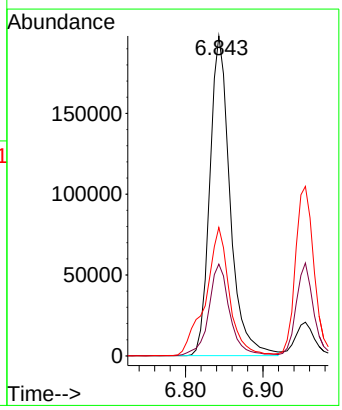
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

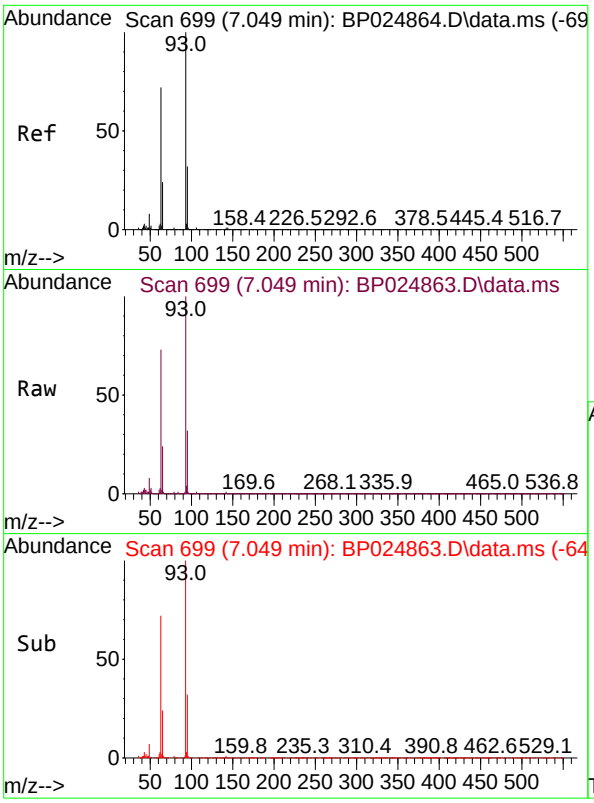


#10
Phenol
Concen: 19.774 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 94 Resp: 359664

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.3	48.3
66	40.1	18.2	58.2

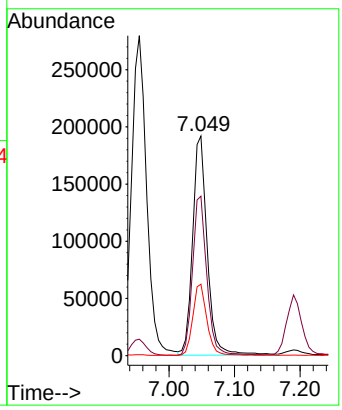




#11
bis(2-Chloroethyl)ether
Concen: 20.752 ng
RT: 7.049 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 93 Resp: 29687

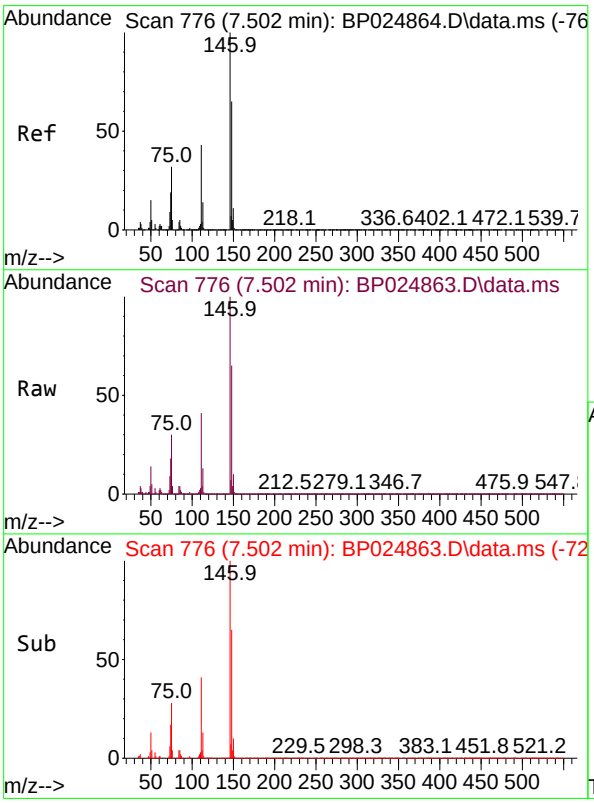
Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.6	91.6
95	32.5	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

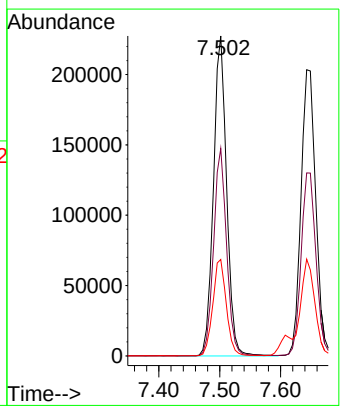
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

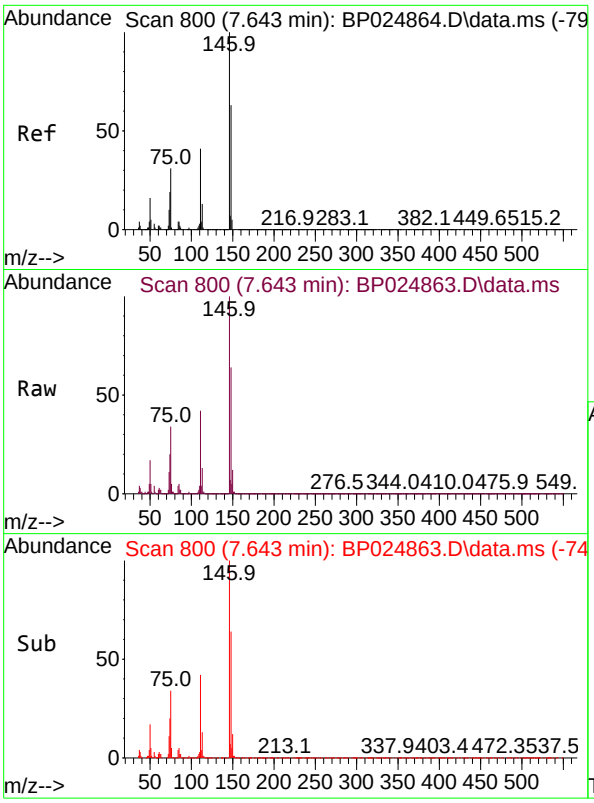


#12
1,3-Dichlorobenzene
Concen: 20.283 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:146 Resp: 342054

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.1	25.3	37.9

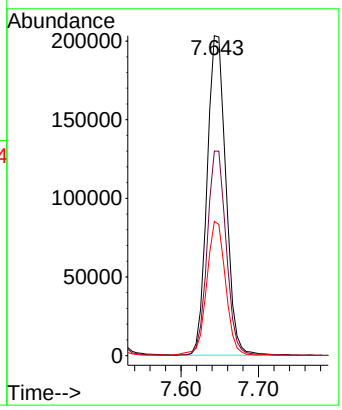




#13
1,4-Dichlorobenzene
Concen: 20.082 ng
RT: 7.643 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:146 Resp: 34171

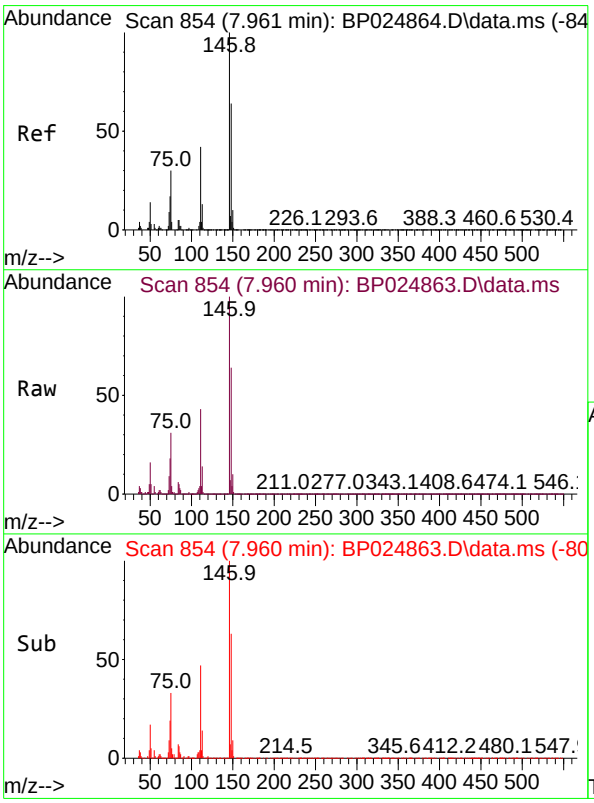
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.9	32.7	49.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

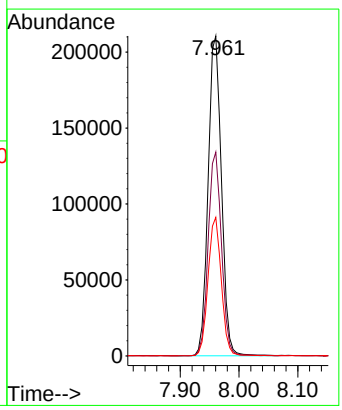
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

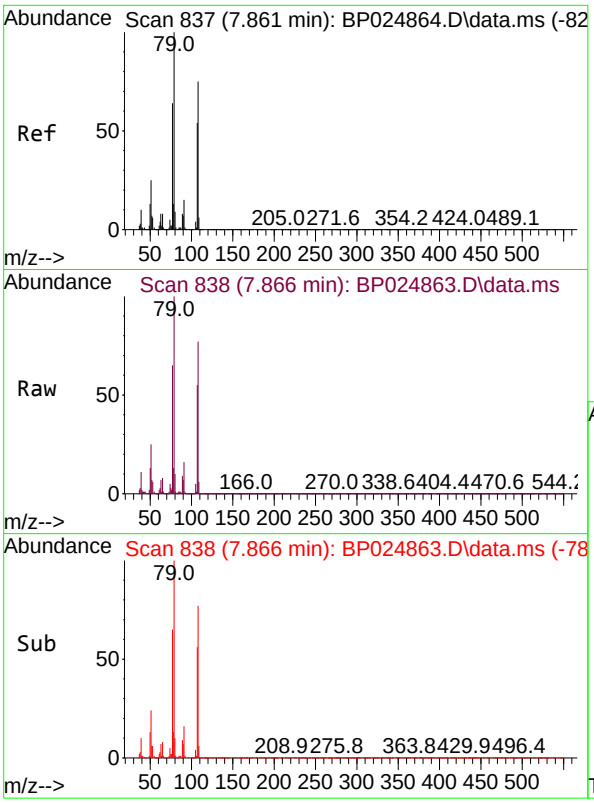


#14
1,2-Dichlorobenzene
Concen: 19.825 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:146 Resp: 331251

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	43.3	33.8	50.8





#15
Benzyl Alcohol
Concen: 19.476 ng
RT: 7.866 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

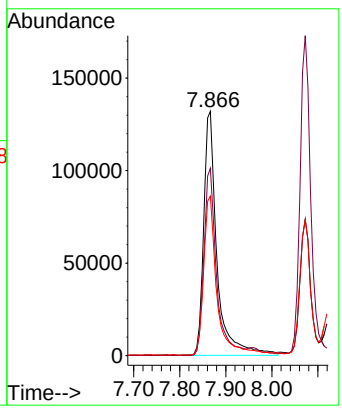
Tgt Ion: 79 Resp: 26372

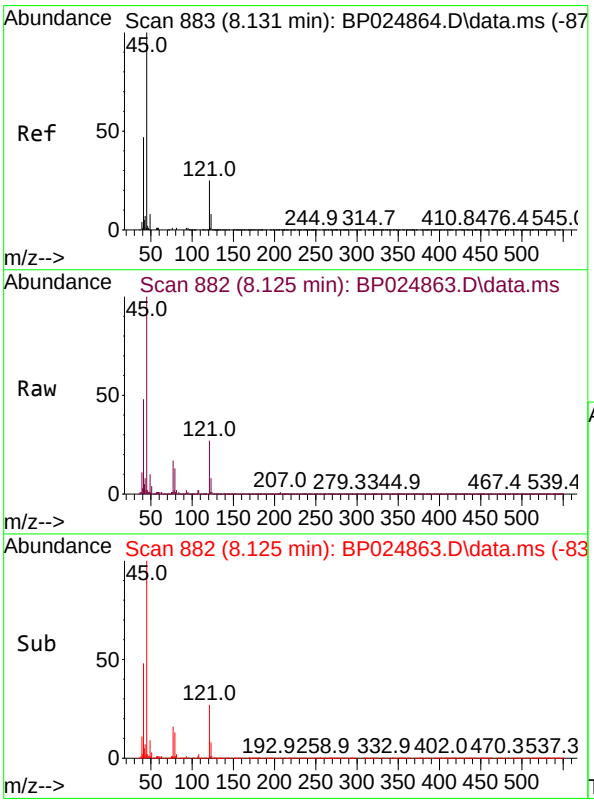
Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.2	90.4
77	65.3	51.2	76.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

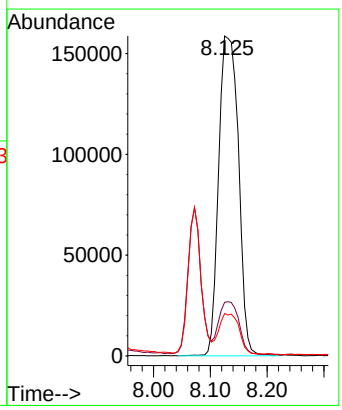


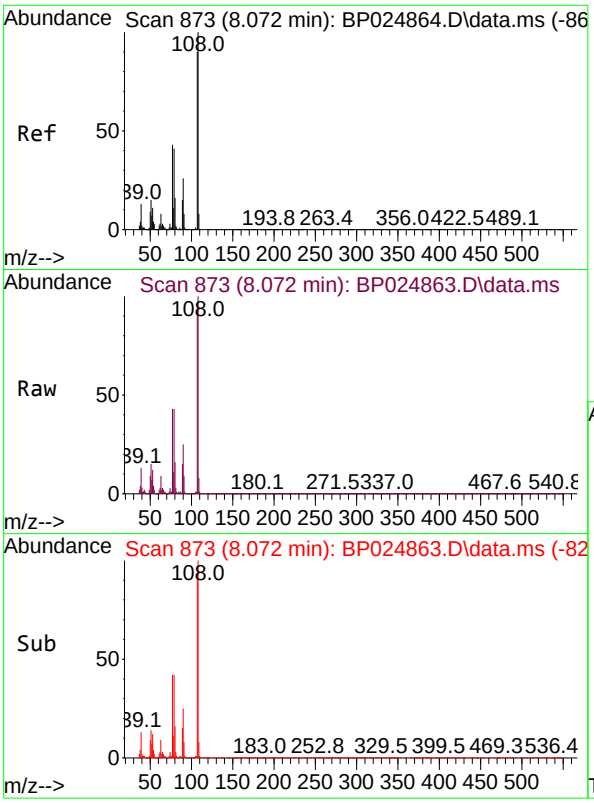


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.467 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 45 Resp: 383219

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.3
79	13.2	0.0	32.2

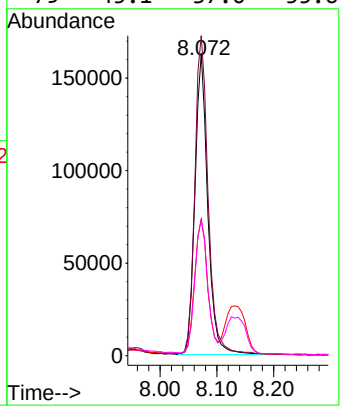




#17
2-Methylphenol
Concen: 19.940 ng
RT: 8.072 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 25326

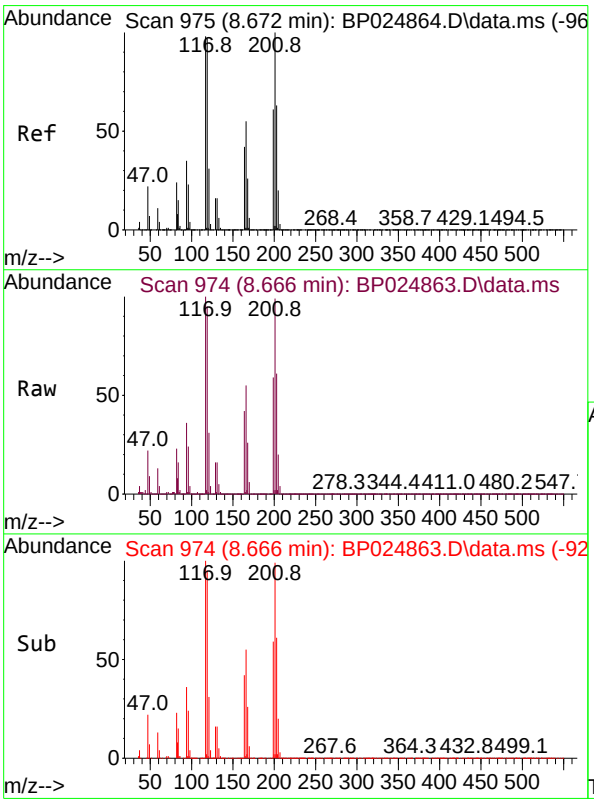
Ion	Ratio	Lower	Upper
107	100		
108	106.0	88.6	132.8
77	45.0	38.5	57.7
79	45.1	37.0	55.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

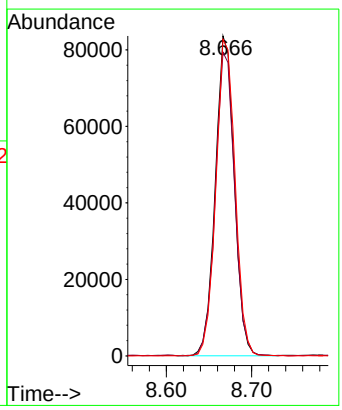
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

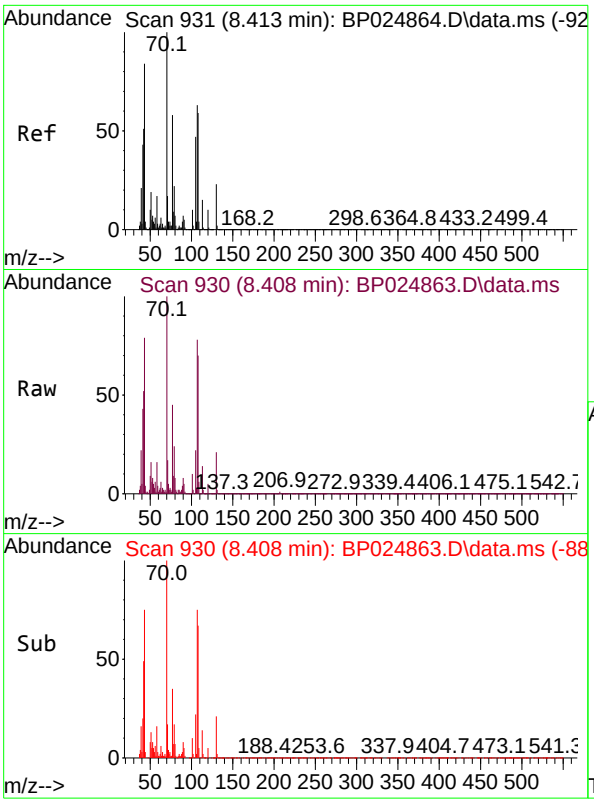


#18
Hexachloroethane
Concen: 20.180 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:117 Resp: 129276

Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
201	98.9	81.4	122.2

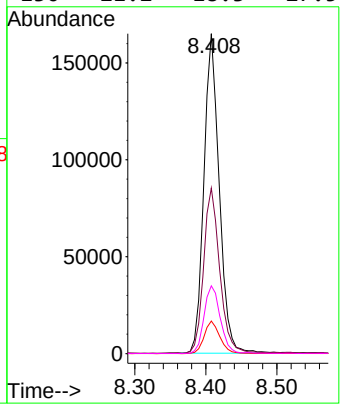




#19
n-Nitroso-di-n-propylamine
Concen: 20.537 ng
RT: 8.408 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 70 Resp: 24632

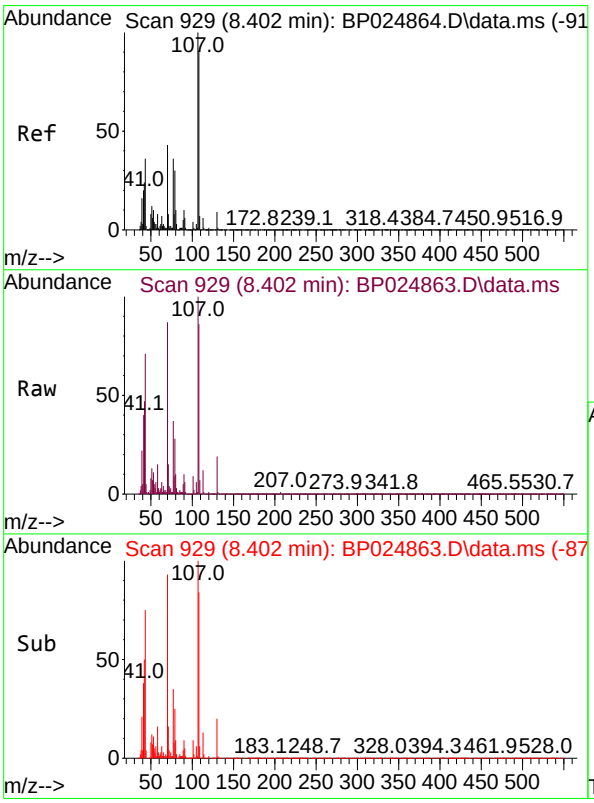
Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.2	61.8
101	10.2	8.3	12.5
130	21.2	18.3	27.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

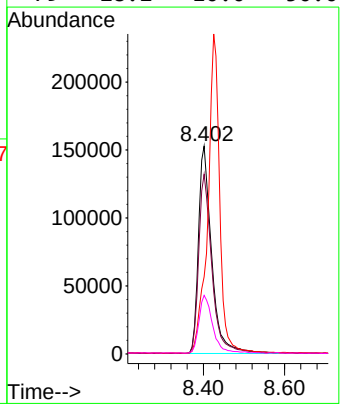
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

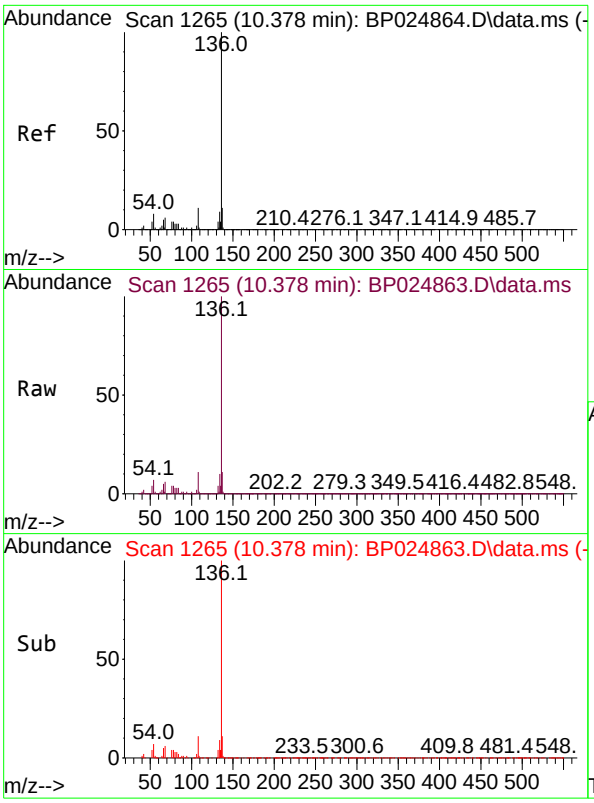


#20
3+4-Methylphenols
Concen: 19.881 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 344513

Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.7	110.7
77	37.1	16.6	56.6
79	28.2	10.0	50.0

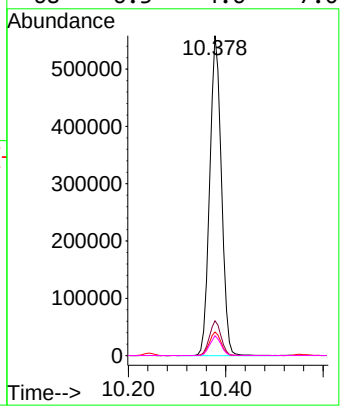




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:136 Resp: 93399

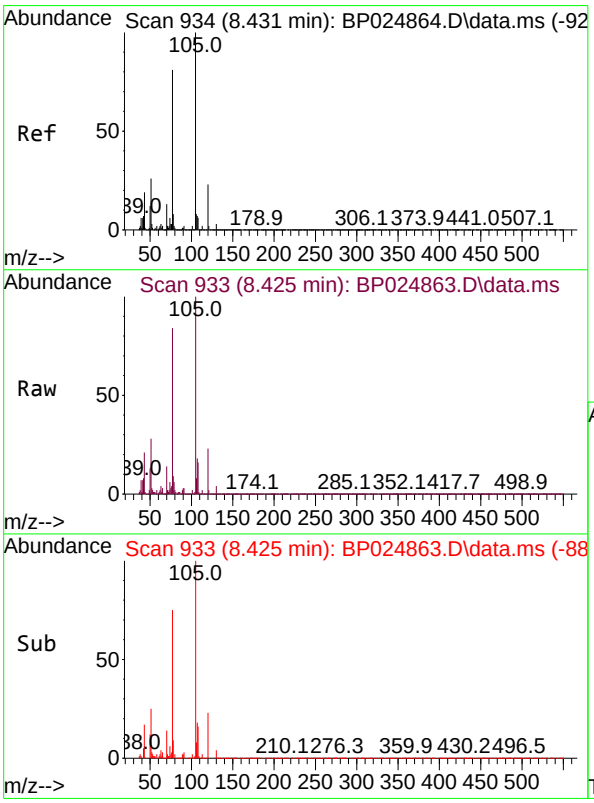
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.1	9.1
68	6.3	4.6	7.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

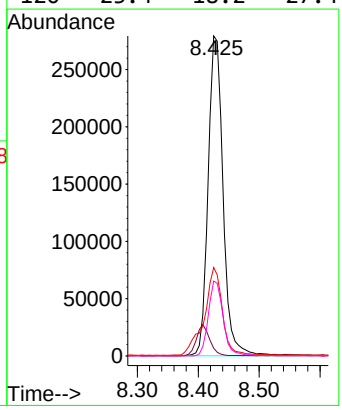
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

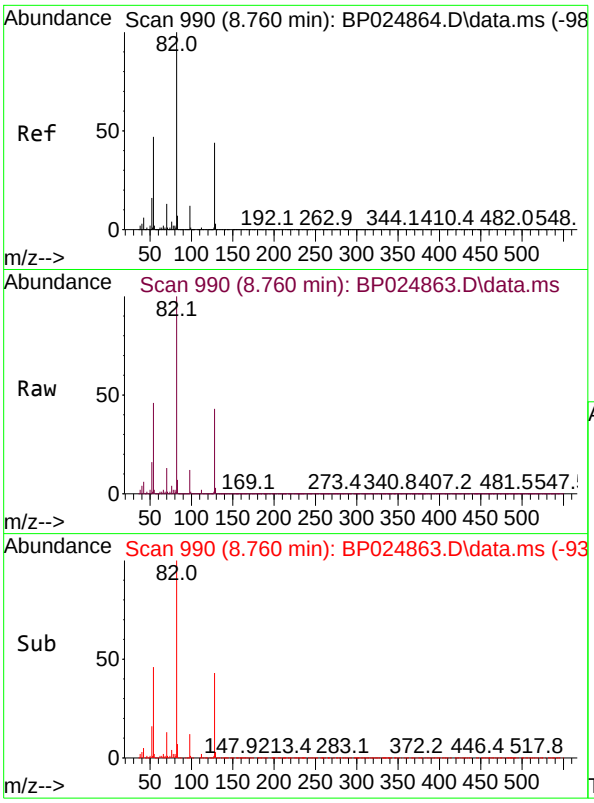


#22
Acetophenone
Concen: 20.211 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:105 Resp: 476927

Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.6	2.4
51	27.6	20.6	31.0
120	23.4	18.2	27.4





#23
Nitrobenzene-d5
Concen: 41.087 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

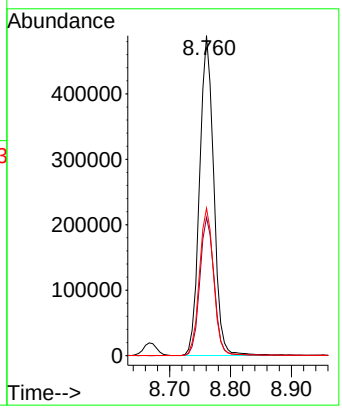
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

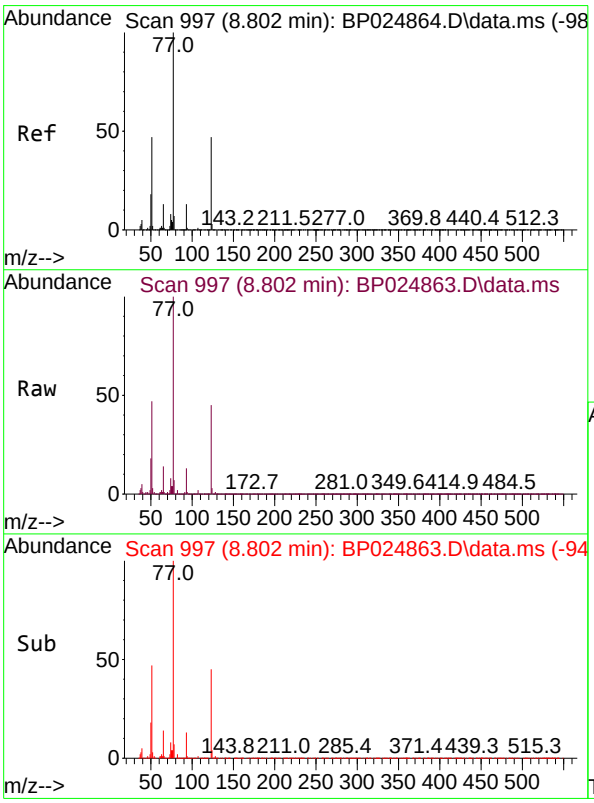
Tgt Ion: 82 Resp: 78972

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.3	52.9
54	46.1	37.4	56.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

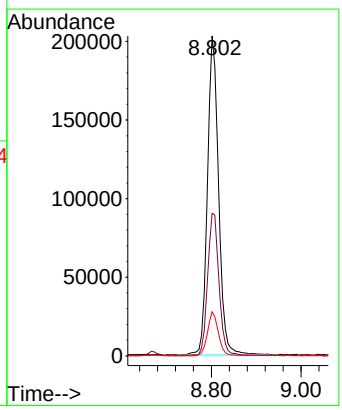


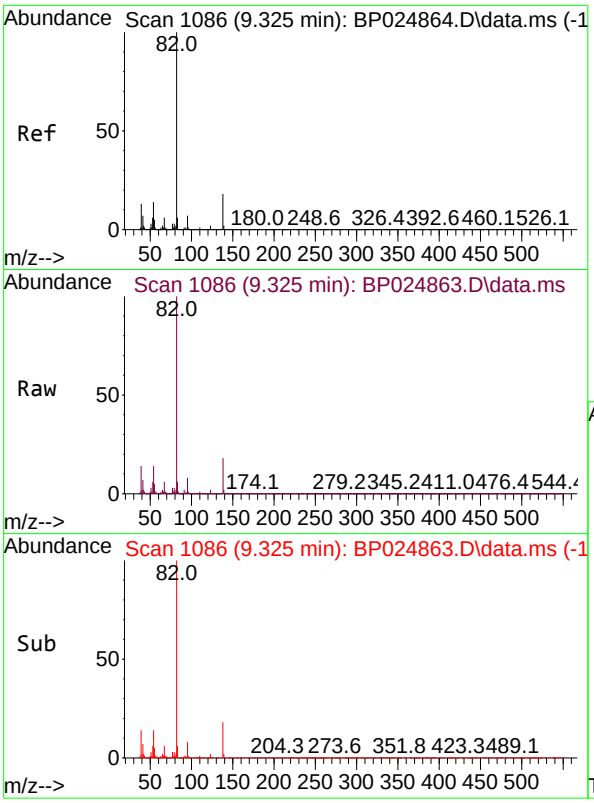


#24
Nitrobenzene
Concen: 20.521 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 77 Resp: 350404

Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.3	55.9
65	13.8	10.8	16.2





#25
Isophorone
Concen: 20.309 ng
RT: 9.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

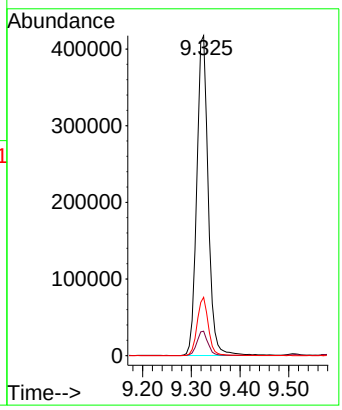
Tgt Ion: 82 Resp: 67652

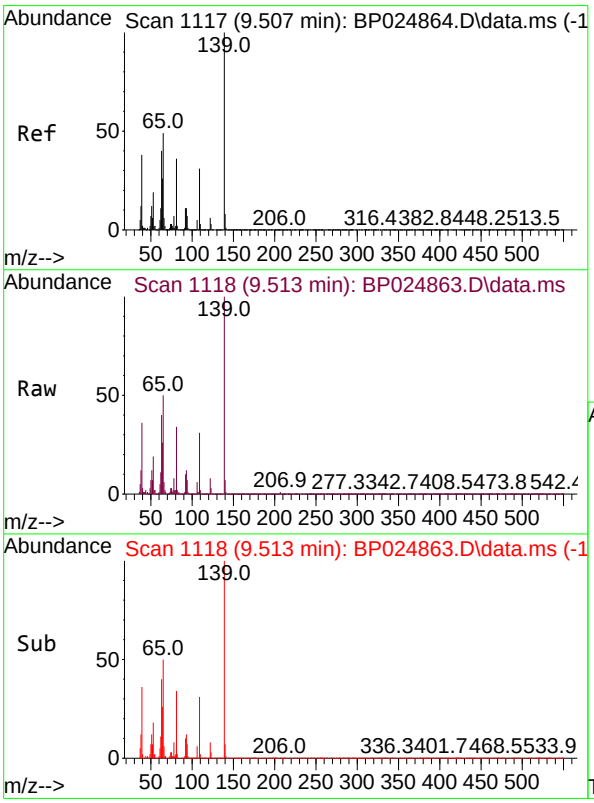
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	18.3	14.6	21.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

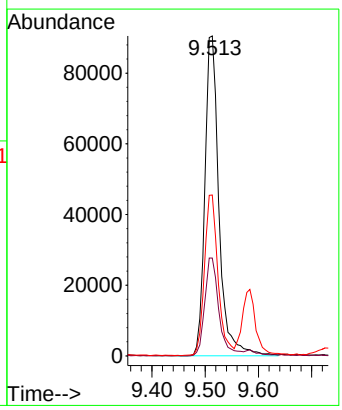


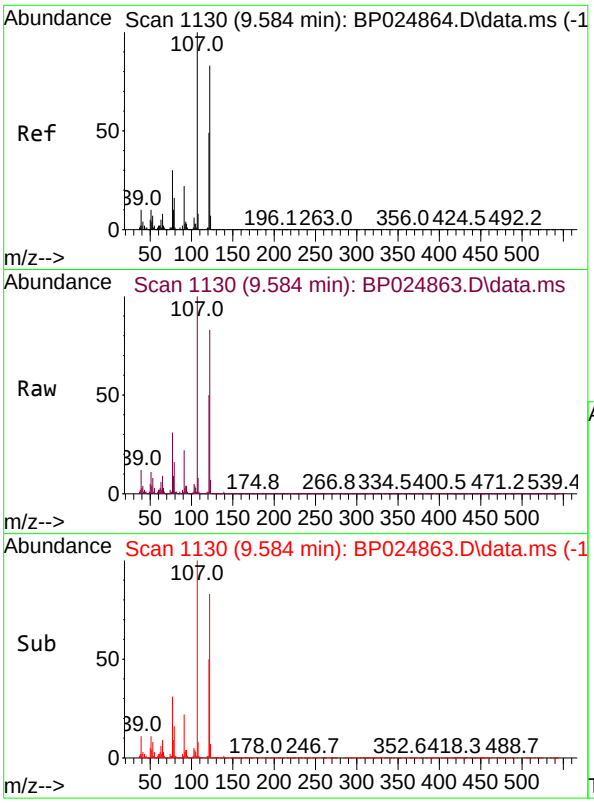


#26
2-Nitrophenol
Concen: 19.736 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:139 Resp: 166277

Ion	Ratio	Lower	Upper
139	100		
109	30.6	24.6	37.0
65	50.3	39.5	59.3





#27
2,4-Dimethylphenol
Concen: 20.094 ng
RT: 9.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

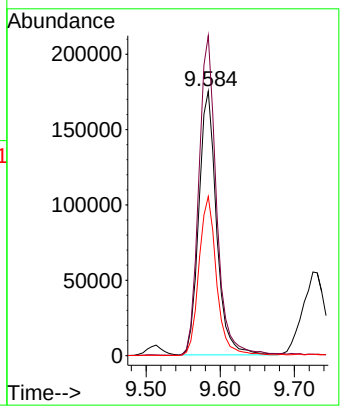
Tgt Ion:122 Resp: 28973

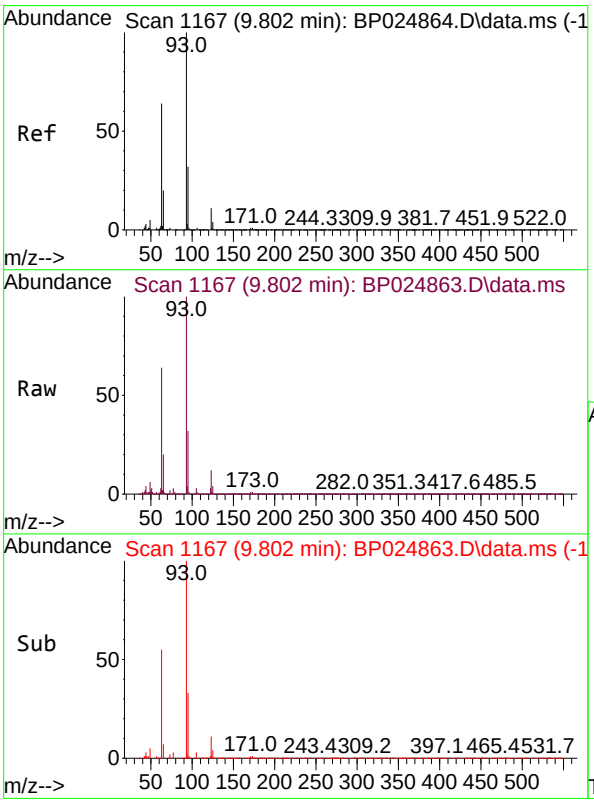
Ion	Ratio	Lower	Upper
122	100		
107	121.0	96.2	144.4
121	60.2	47.0	70.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

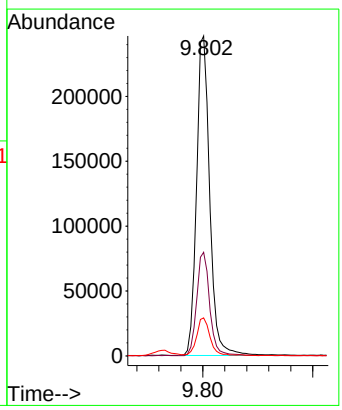


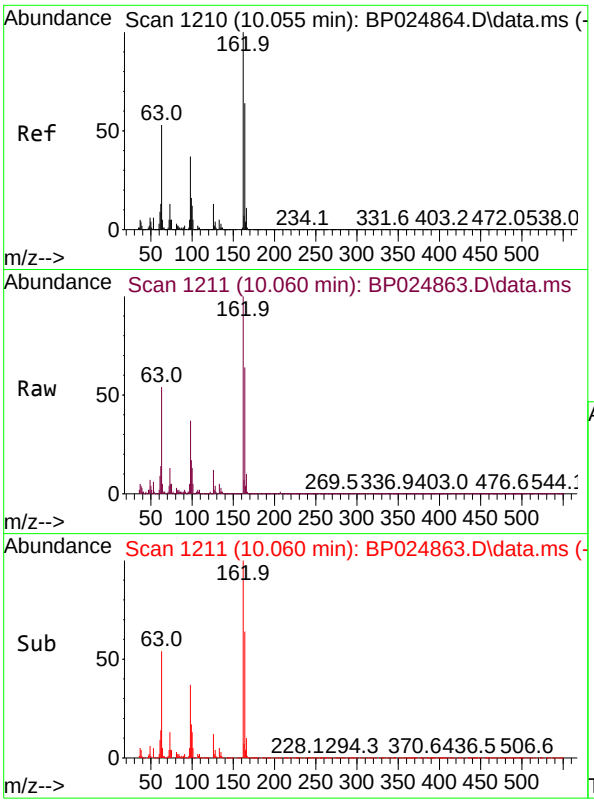


#28
bis(2-Chloroethoxy)methane
Concen: 20.603 ng
RT: 9.802 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 93 Resp: 409390

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.9	9.2	13.8

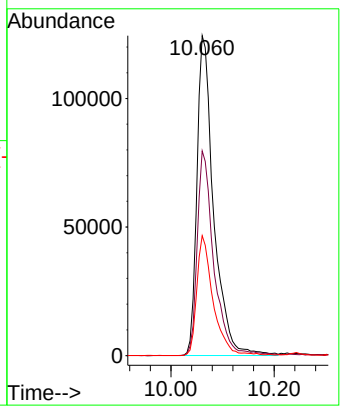




#29
2,4-Dichlorophenol
Concen: 20.242 ng
RT: 10.060 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:162 Resp: 28005

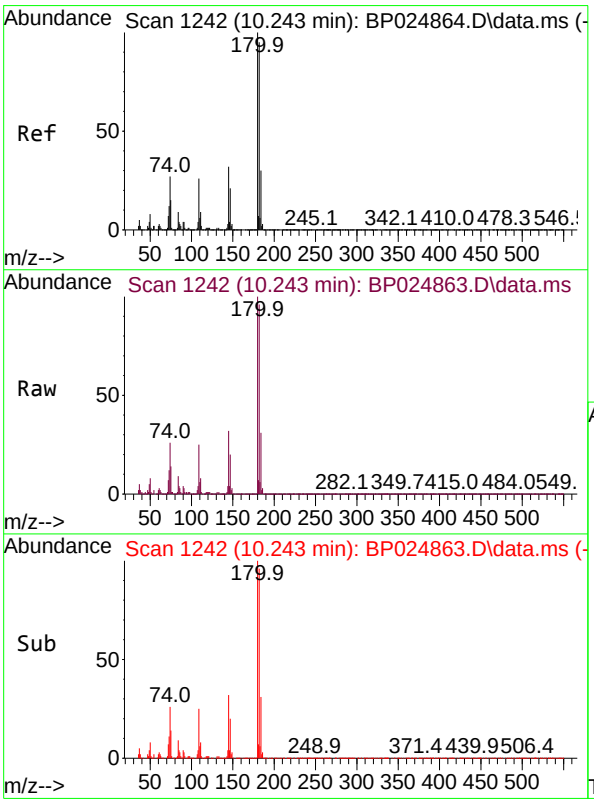
Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	37.5	16.9	56.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

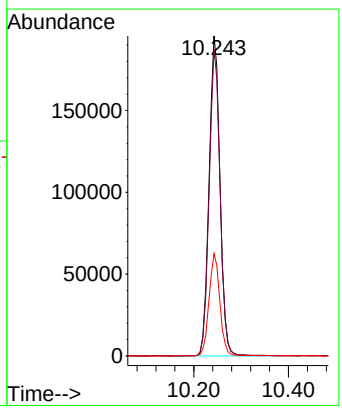
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

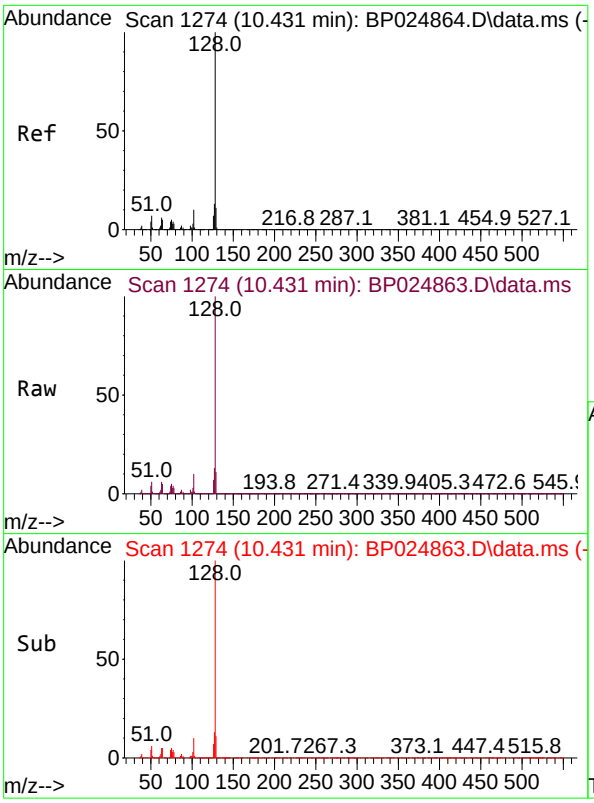


#30
1,2,4-Trichlorobenzene
Concen: 20.074 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:180 Resp: 313253

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	32.0	25.7	38.5





#31
Naphthalene
Concen: 20.381 ng
RT: 10.431 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

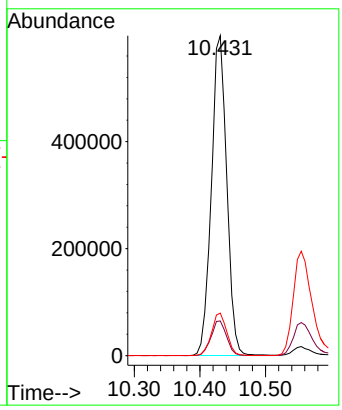
Tgt Ion:128 Resp: 97549

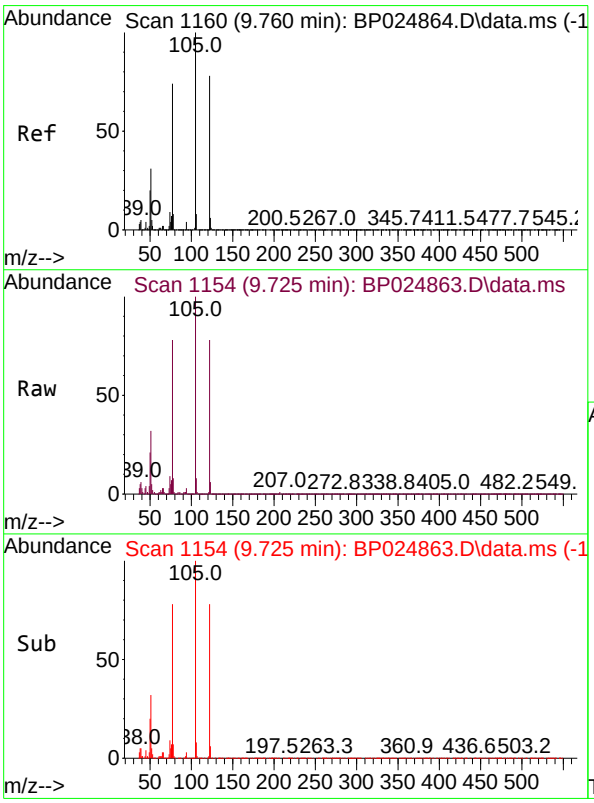
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.3	10.7	16.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

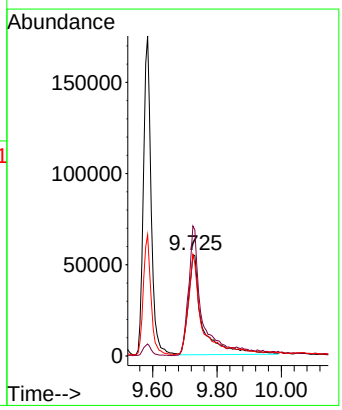


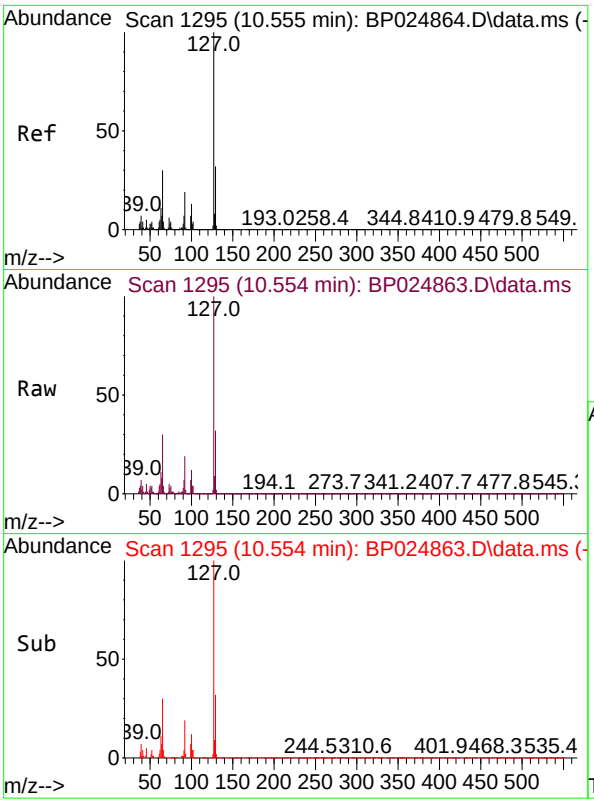


#32
Benzoic acid
Concen: 17.546 ng
RT: 9.725 min Scan# 1154
Delta R.T. -0.035 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:122 Resp: 168675

Ion	Ratio	Lower	Upper
122	100		
105	128.5	107.1	147.1
77	99.9	75.1	115.1

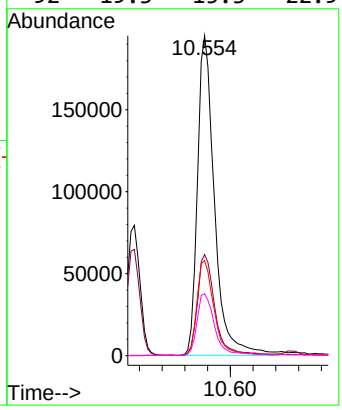




#33
4-Chloroaniline
Concen: 20.252 ng
RT: 10.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:127 Resp: 406109

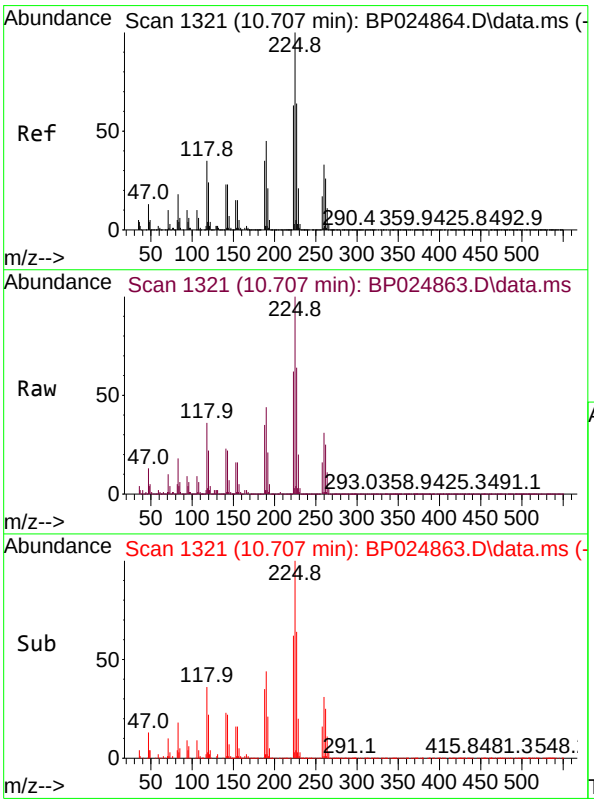
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.7	23.9	35.9
92	19.3	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

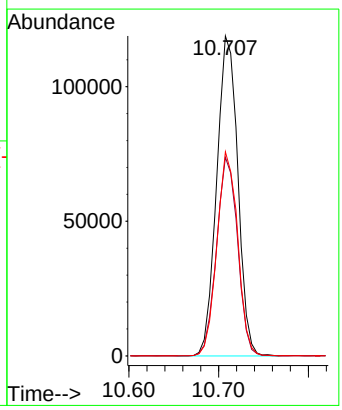
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

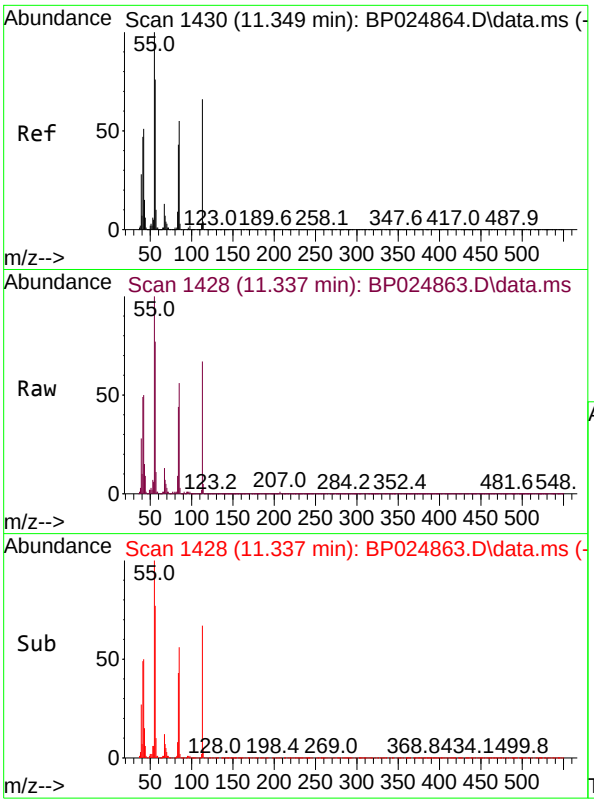


#34
Hexachlorobutadiene
Concen: 20.660 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:225 Resp: 194310

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	63.8	51.4	77.2

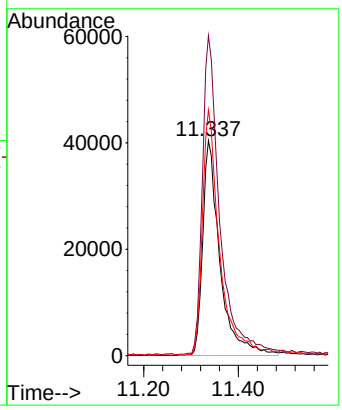




#35
Caprolactam
Concen: 19.975 ng
RT: 11.337 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:113 Resp: 10172

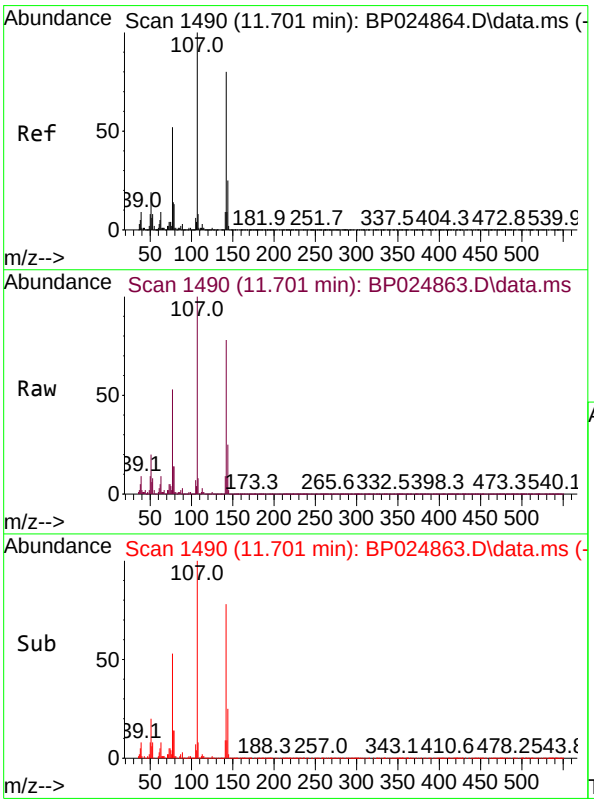
Ion	Ratio	Lower	Upper
113	100		
55	148.8	132.5	172.5
56	114.3	96.0	136.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

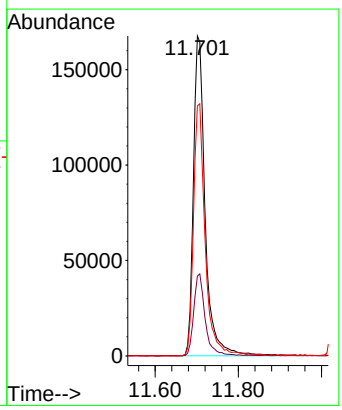
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

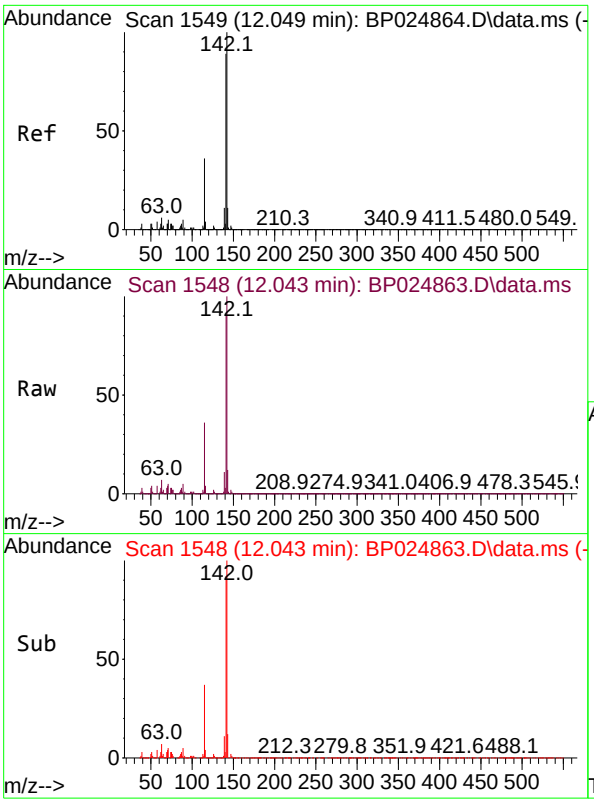


#36
4-Chloro-3-methylphenol
Concen: 20.569 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 328233

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.4	30.6
142	78.1	63.8	95.6

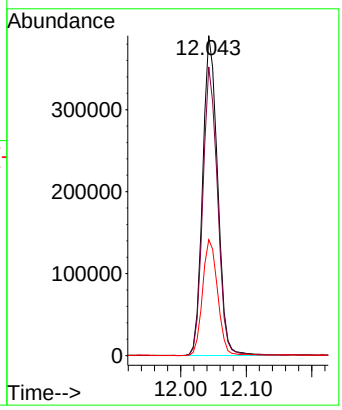




#37
2-Methylnaphthalene
Concen: 20.267 ng
RT: 12.043 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:142 Resp: 61533

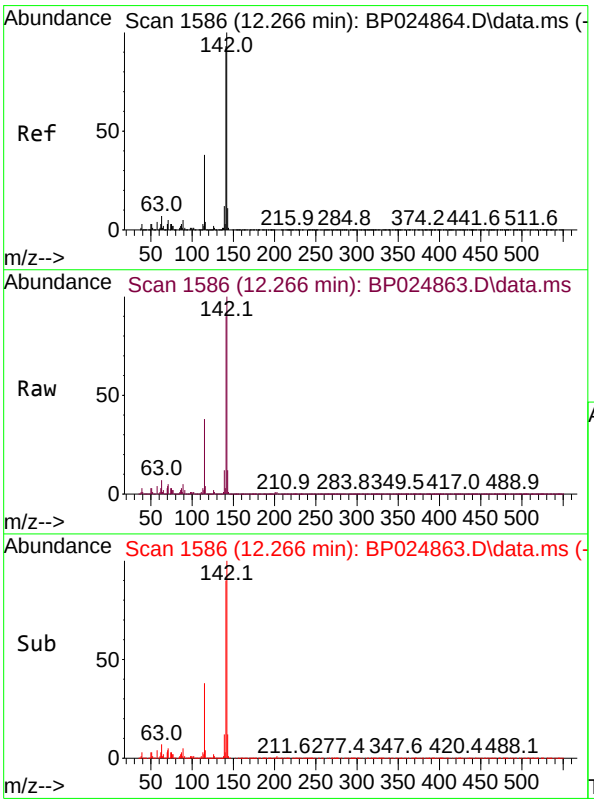
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	36.2	28.5	42.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

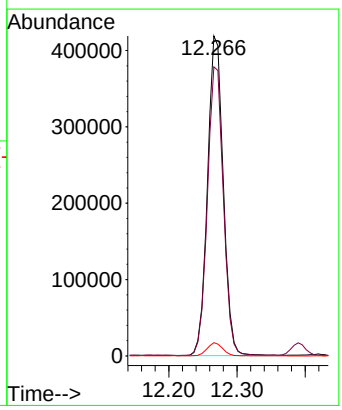
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

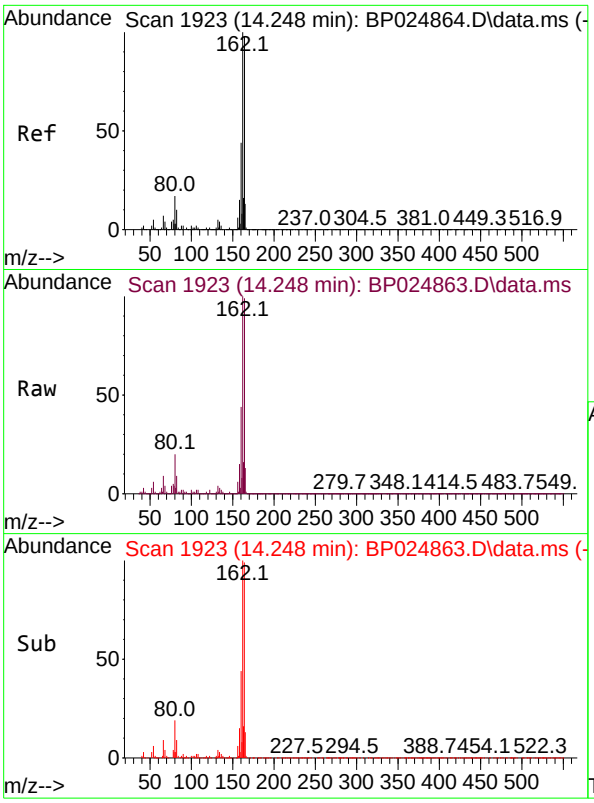


#38
1-Methylnaphthalene
Concen: 20.648 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:142 Resp: 670212

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.7	112.1
116	4.2	3.4	5.0

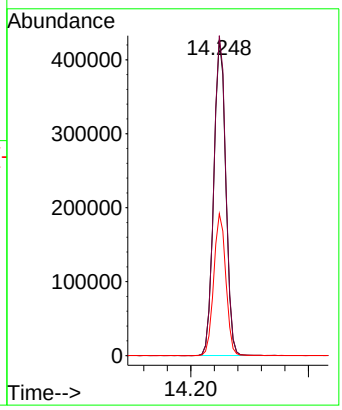




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:164 Resp: 604798

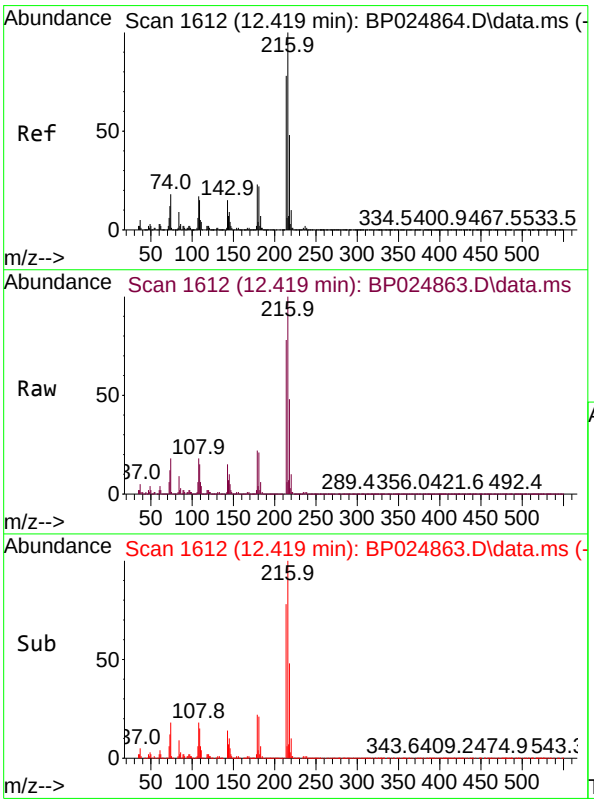
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	44.9	36.2	54.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

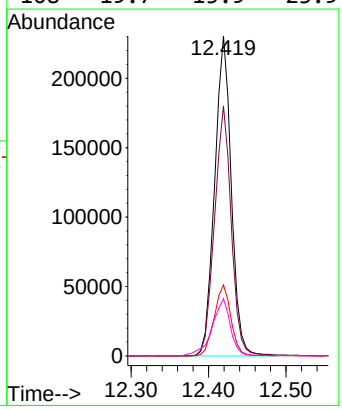
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

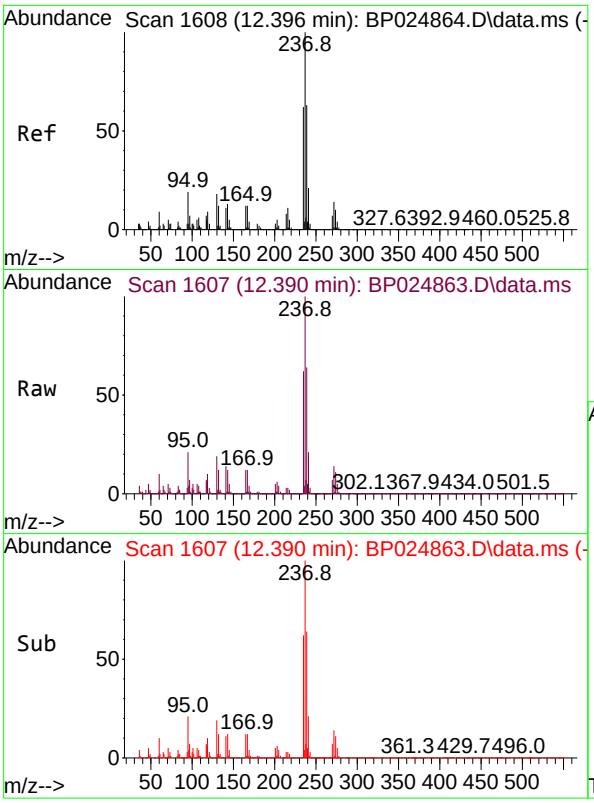


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.018 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:216 Resp: 343533

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.5	17.8	26.6
108	19.7	15.9	23.9

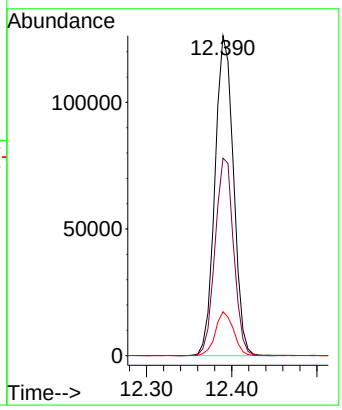




#41
Hexachlorocyclopentadiene
Concen: 18.191 ng
RT: 12.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:237 Resp: 19040

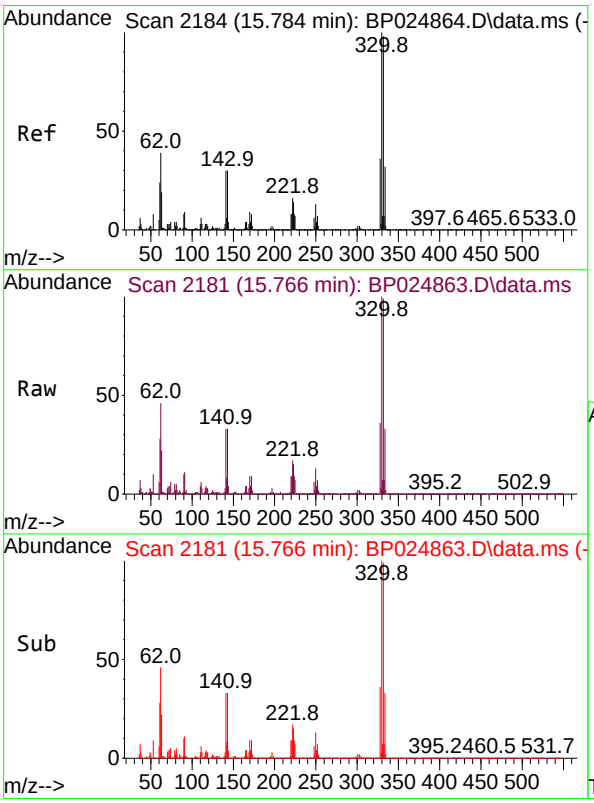
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.9	81.9
272	13.7	0.0	33.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

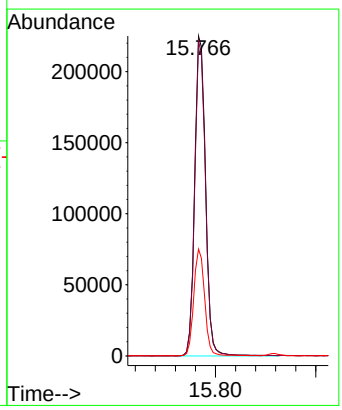
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

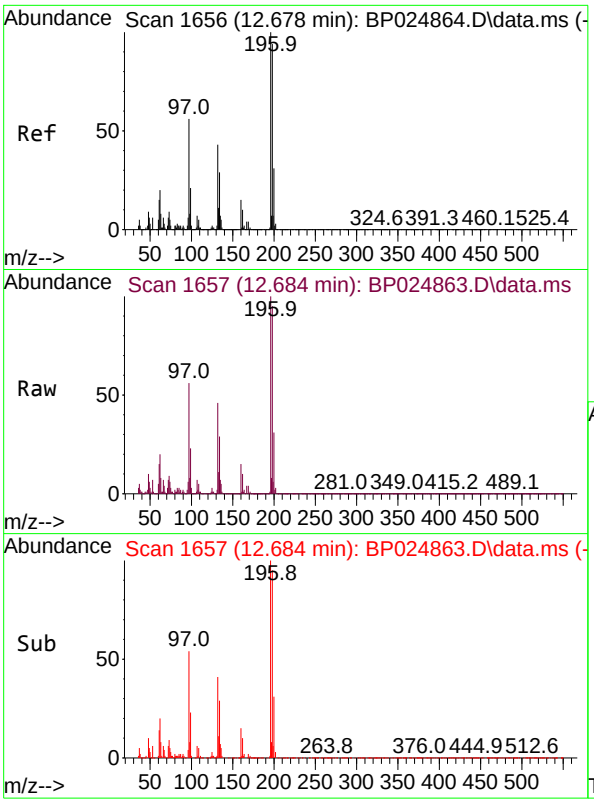


#42
2,4,6-Tribromophenol
Concen: 40.373 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:330 Resp: 337588

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	33.2	26.4	39.6





#43
2,4,6-Trichlorophenol
Concen: 20.265 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

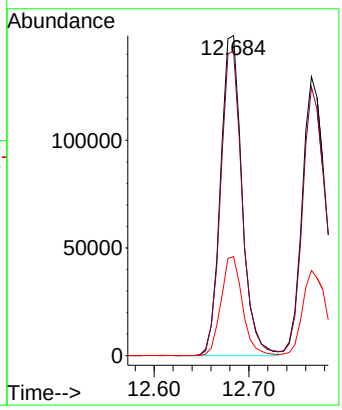
Tgt Ion:196 Resp: 23355

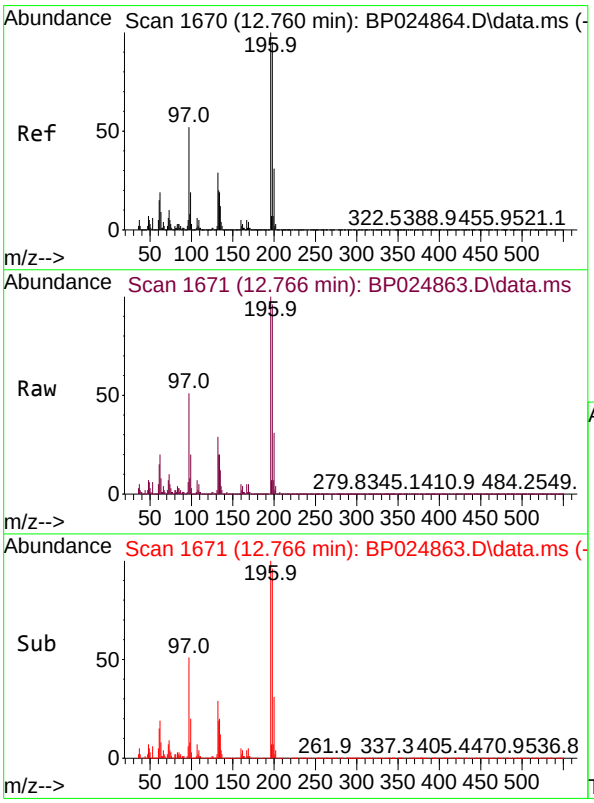
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.9	24.4	36.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

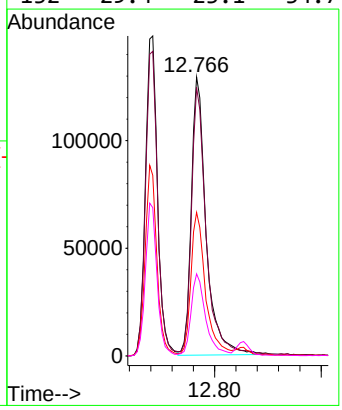


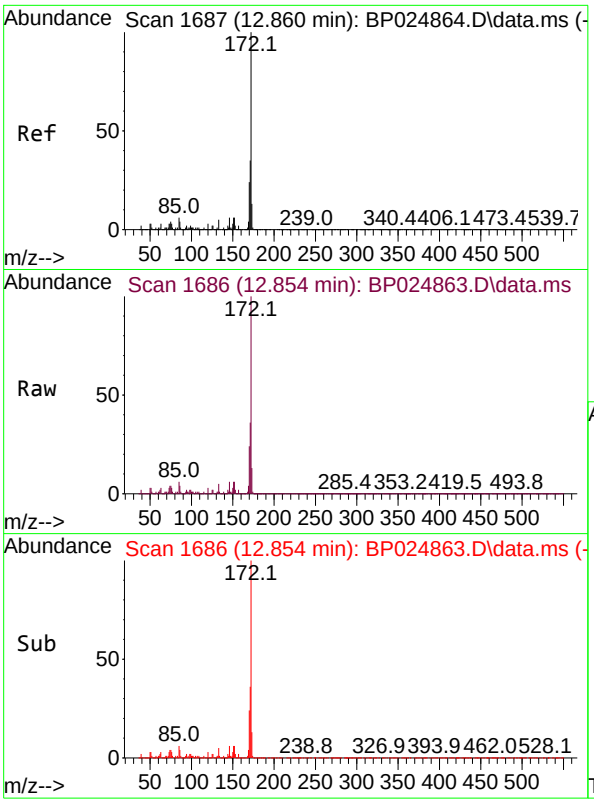


#44
2,4,5-Trichlorophenol
Concen: 20.279 ng
RT: 12.766 min Scan# 1671
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:196 Resp: 250294

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.0	114.0
97	51.5	41.5	62.3
132	29.4	23.1	34.7

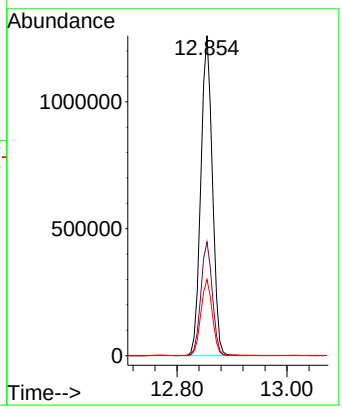




#45
2-Fluorobiphenyl
Concen: 40.864 ng
RT: 12.854 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:172 Resp: 183462

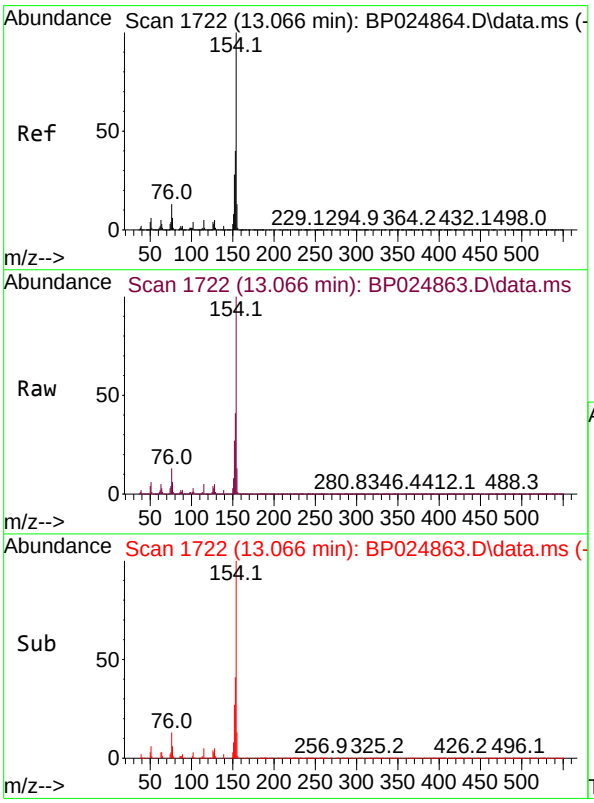
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.8	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

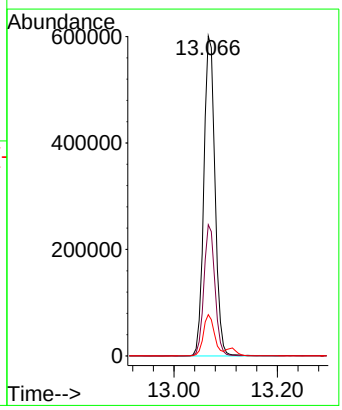
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

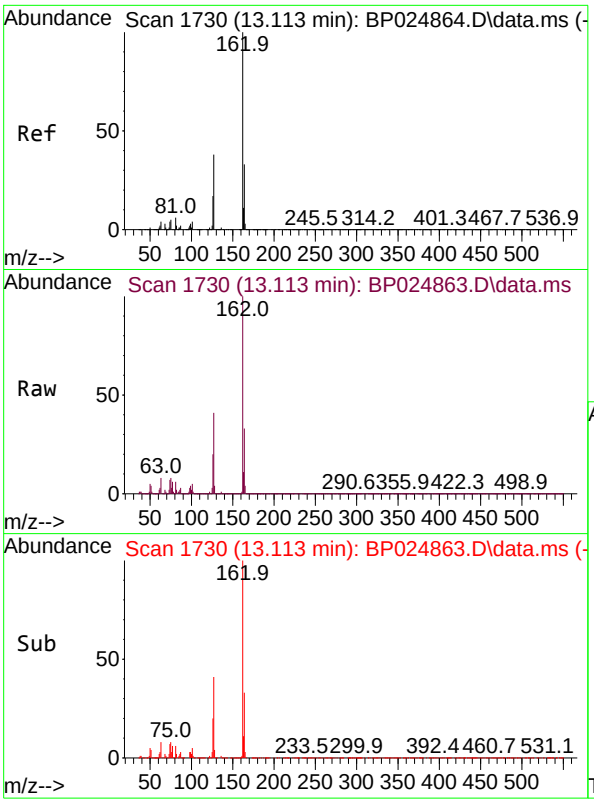


#46
1,1'-Biphenyl
Concen: 20.433 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:154 Resp: 898074

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	12.9	0.0	33.0

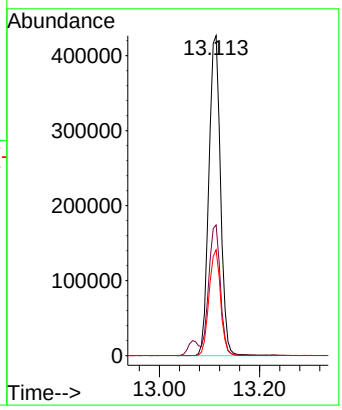




#47
2-Chloronaphthalene
Concen: 20.324 ng
RT: 13.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:162 Resp: 68655

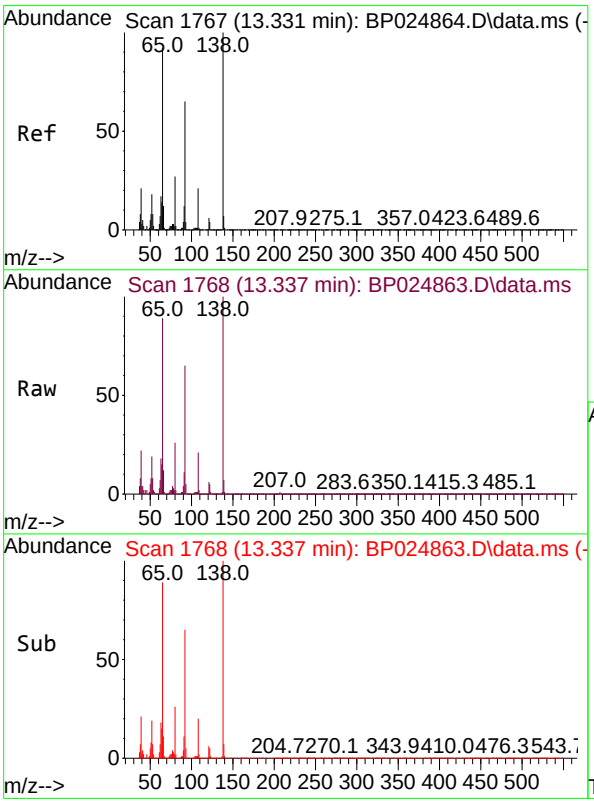
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.5	48.7
164	33.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

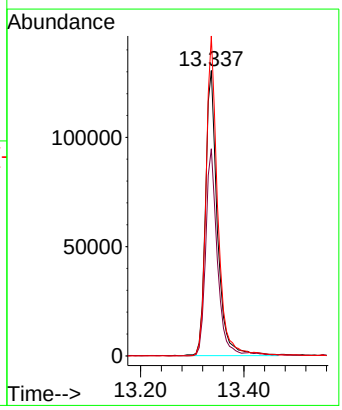
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

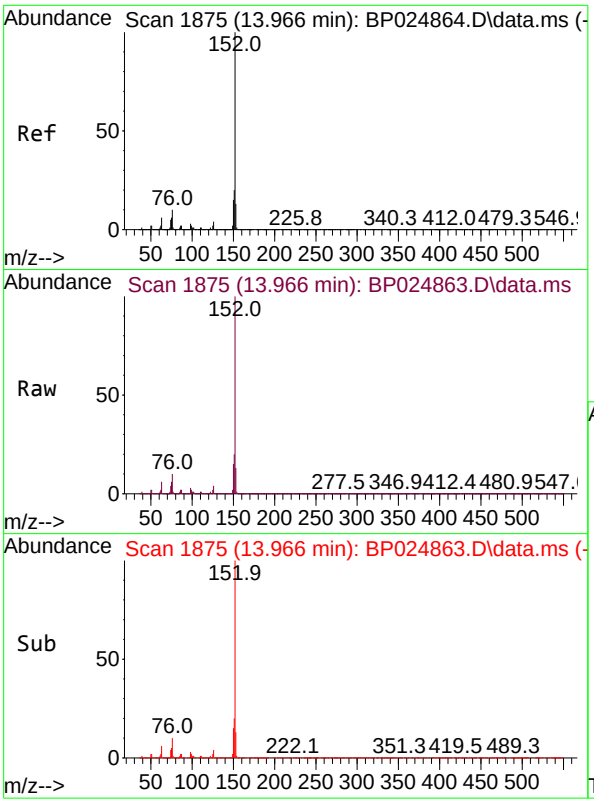


#48
2-Nitroaniline
Concen: 20.059 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 65 Resp: 208318

Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.8	85.2
138	112.2	86.9	130.3

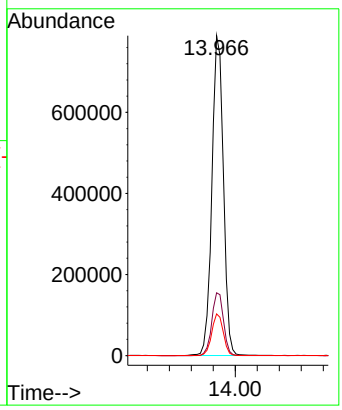




#49
Acenaphthylene
Concen: 20.311 ng
RT: 13.966 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:152 Resp: 114401

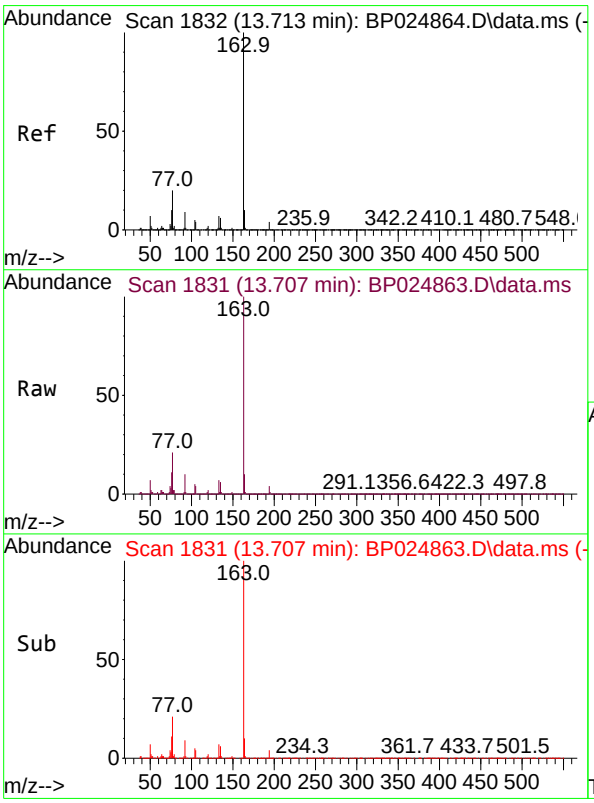
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

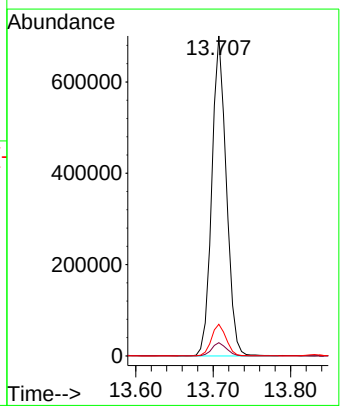
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

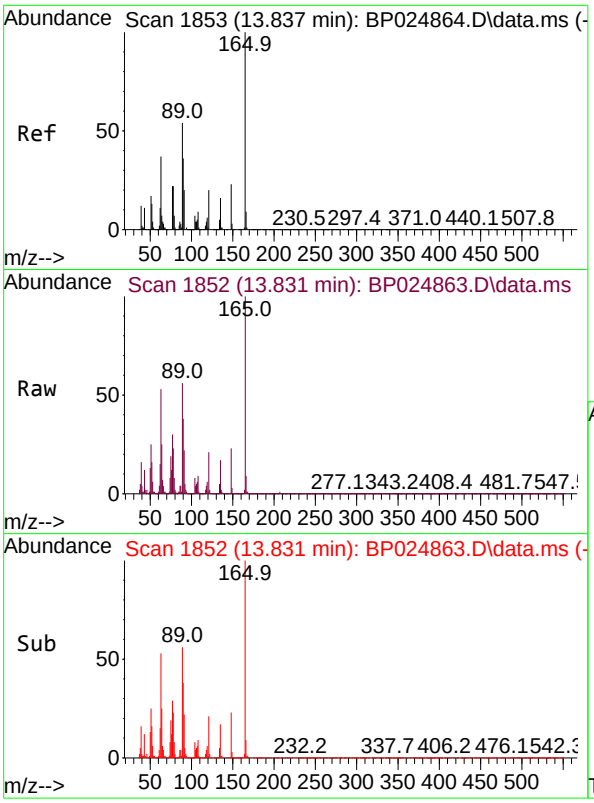


#50
Dimethylphthalate
Concen: 20.354 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:163 Resp: 908091

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 20.490 ng
RT: 13.831 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

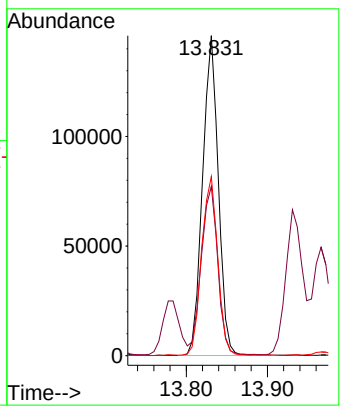
Tgt Ion:165 Resp: 19707

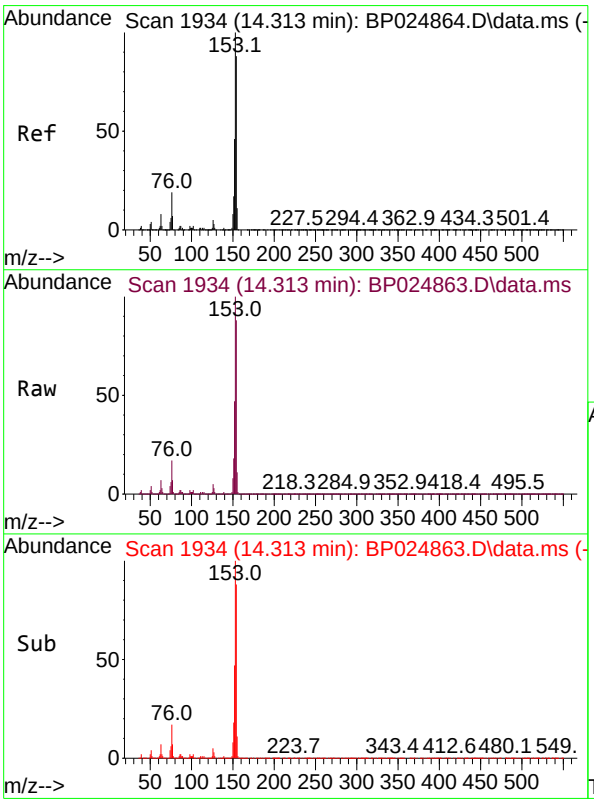
Ion	Ratio	Lower	Upper
165	100		
63	52.9	41.8	62.8
89	55.9	43.1	64.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

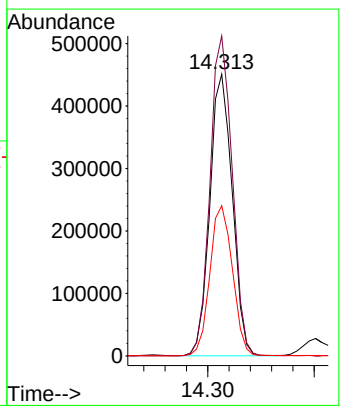


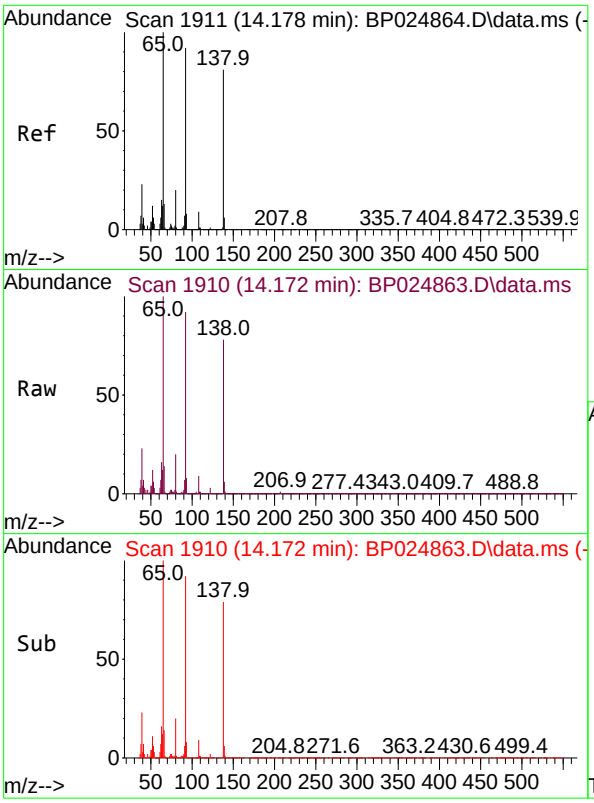


#52
Acenaphthene
Concen: 20.416 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:154 Resp: 658935

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.3	42.1	63.1





#53
3-Nitroaniline
Concen: 20.442 ng
RT: 14.172 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

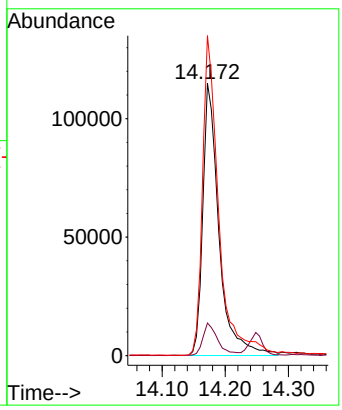
Tgt Ion:138 Resp: 20403

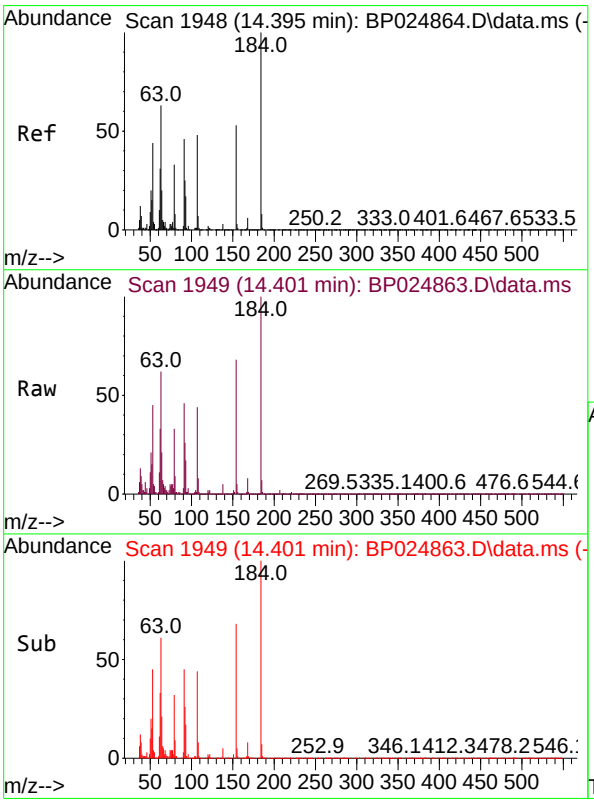
Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.6	12.8
92	117.5	91.3	136.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

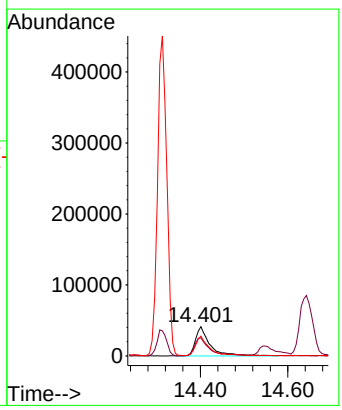


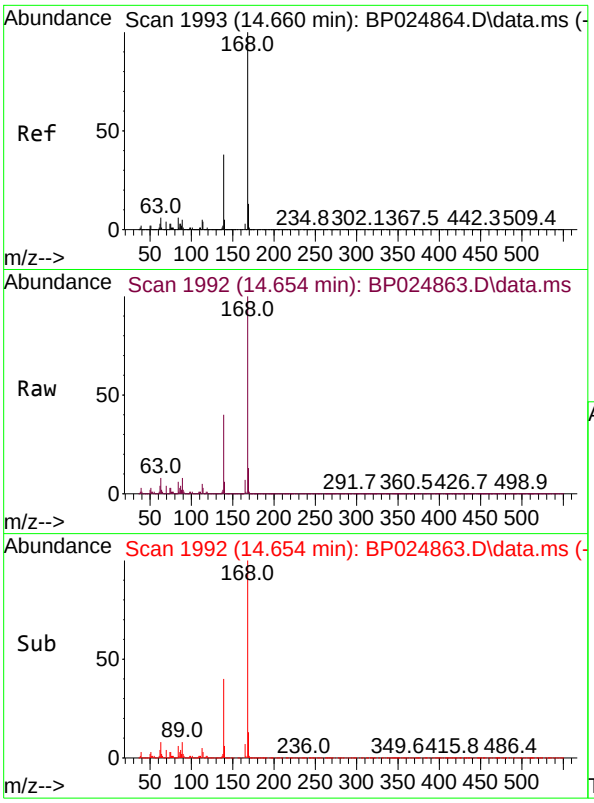


#54
2,4-Dinitrophenol
Concen: 19.461 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:184 Resp: 93544

Ion	Ratio	Lower	Upper
184	100		
63	61.8	51.0	76.4
154	67.7	51.7	77.5





#55
Dibenzofuran
Concen: 20.497 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

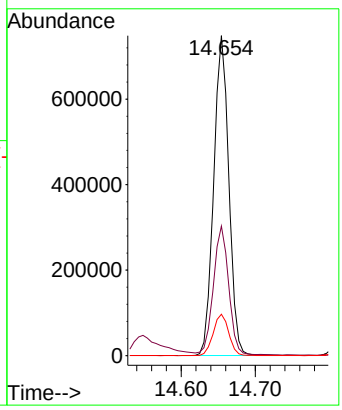
Tgt Ion:168 Resp: 106191

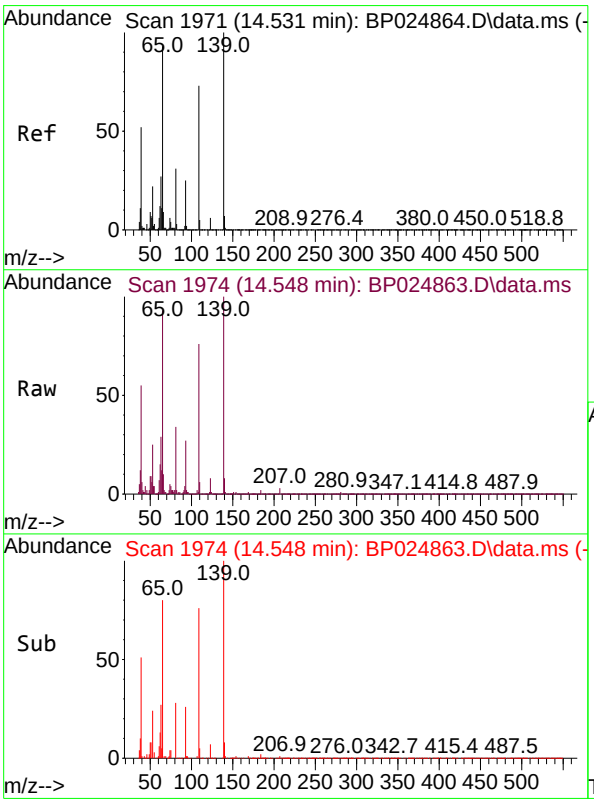
Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.6	47.4
169	12.9	10.6	15.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

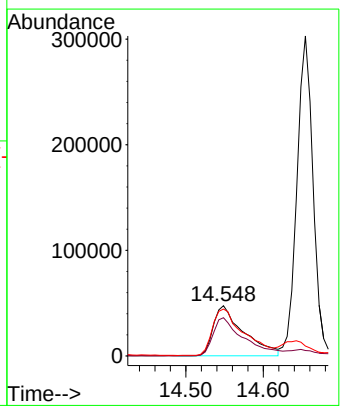


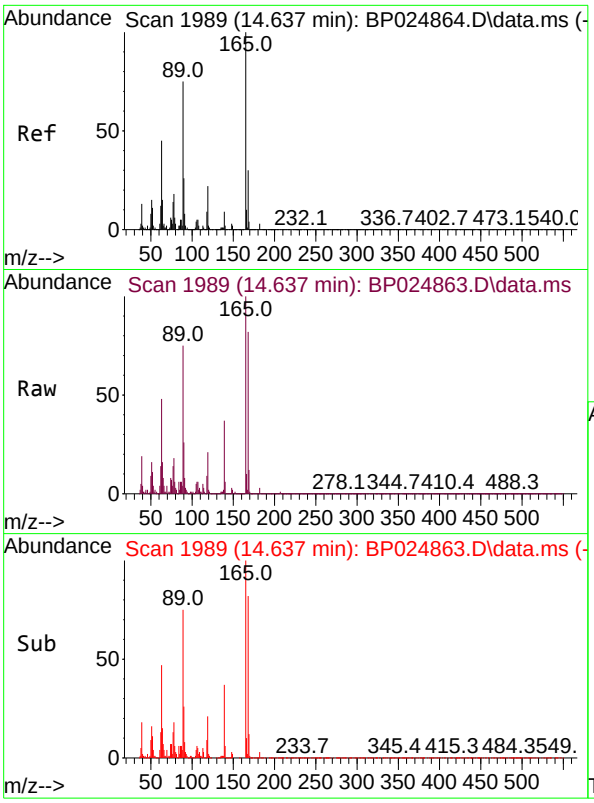


#56
4-Nitrophenol
Concen: 19.619 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:139 Resp: 128784

Ion	Ratio	Lower	Upper
139	100		
109	76.0	53.1	93.1
65	93.4	73.0	113.0

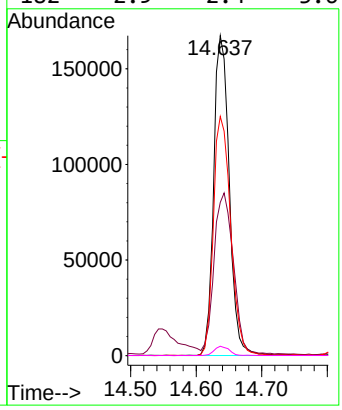




#57
2,4-Dinitrotoluene
Concen: 20.547 ng
RT: 14.637 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:165 Resp: 27644

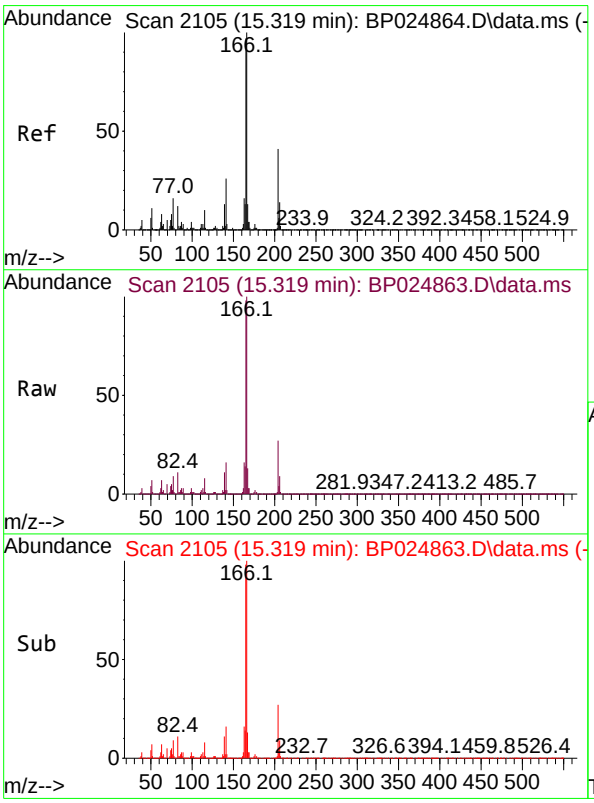
Ion	Ratio	Lower	Upper
165	100		
63	47.9	37.0	55.6
89	74.7	60.1	90.1
182	2.9	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

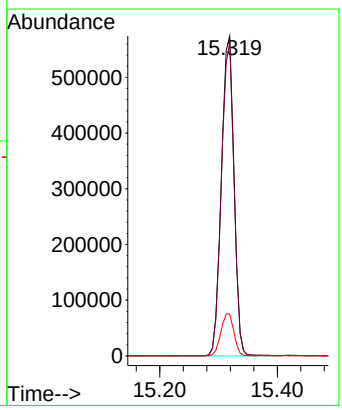
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

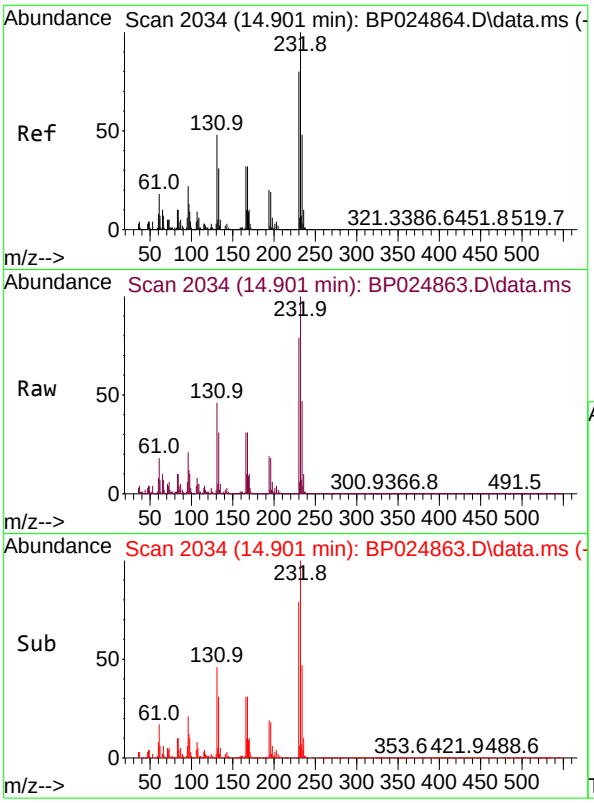


#58
Fluorene
Concen: 20.517 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:166 Resp: 858671

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	13.1	10.6	16.0

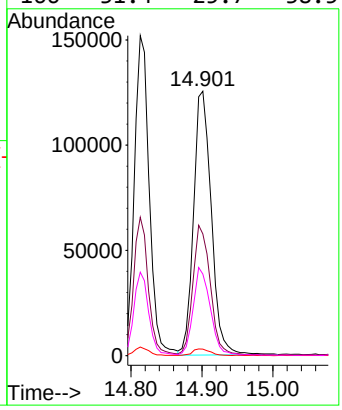




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.689 ng
RT: 14.901 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:232 Resp: 21751

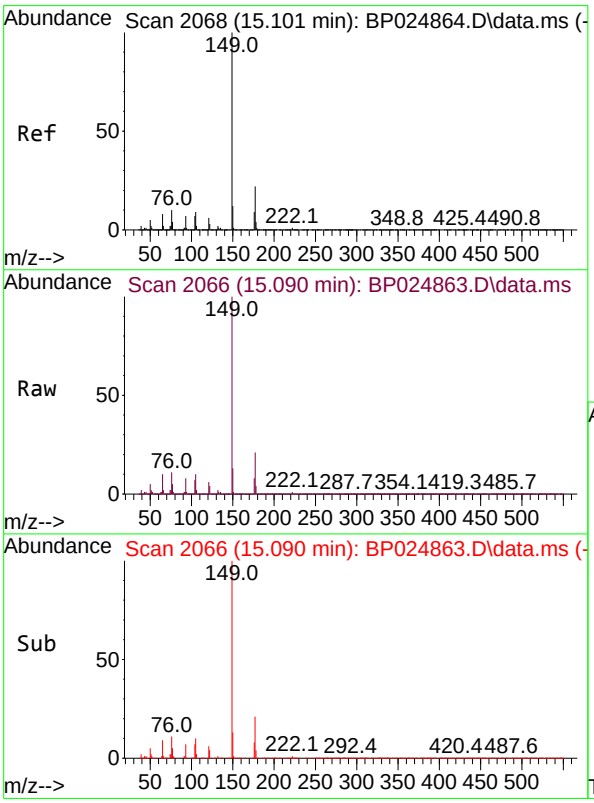
Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.2	57.2
130	2.5	2.1	3.1
166	31.4	25.7	38.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

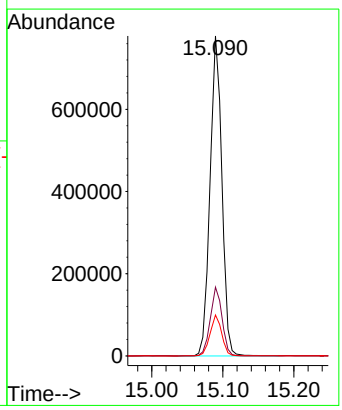
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

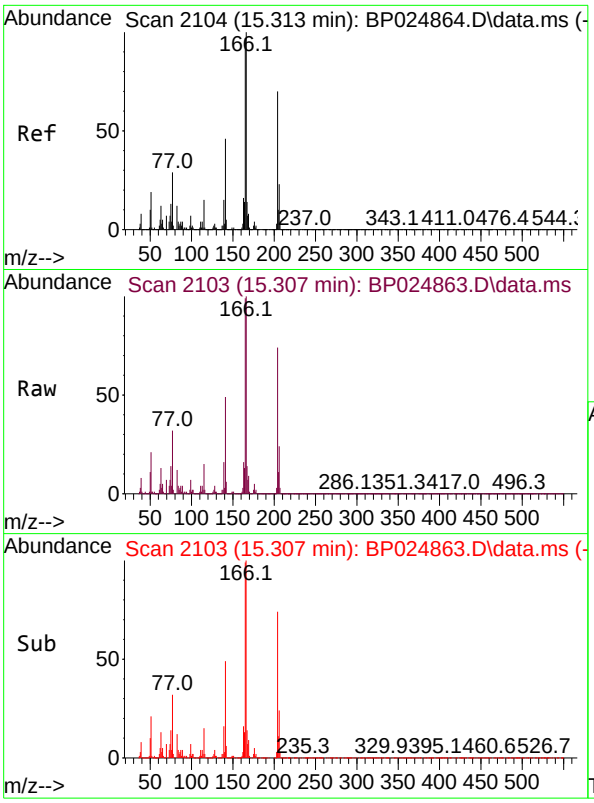


#60
Diethylphthalate
Concen: 20.225 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:149 Resp: 899294

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.8	9.8	14.6

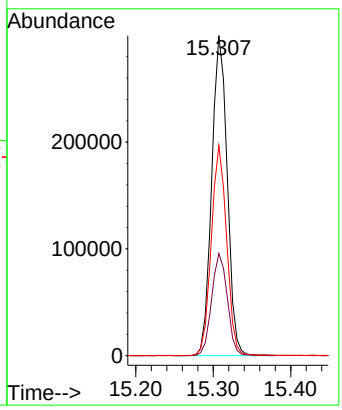




#61
4-Chlorophenyl-phenylether
Concen: 20.361 ng
RT: 15.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:204 Resp: 41666

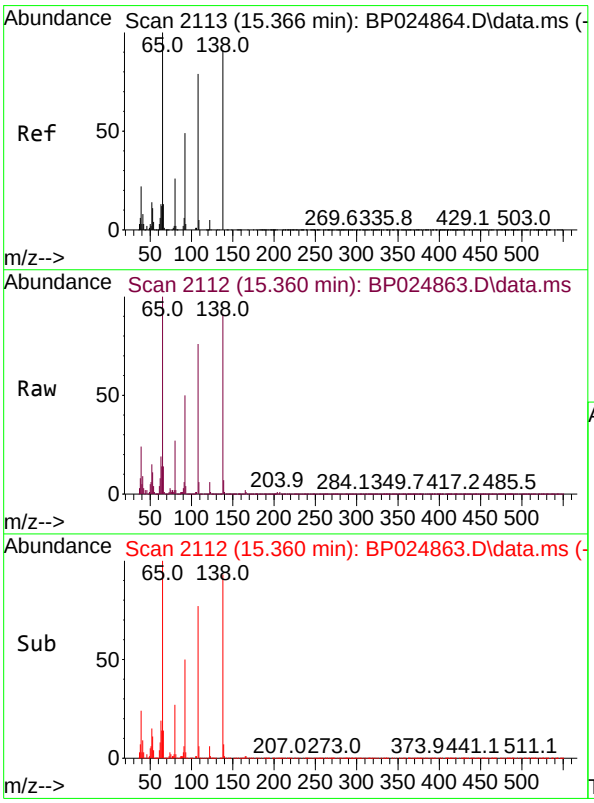
Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.6	40.0
141	65.6	52.4	78.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

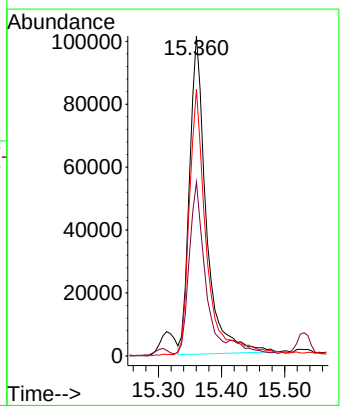
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

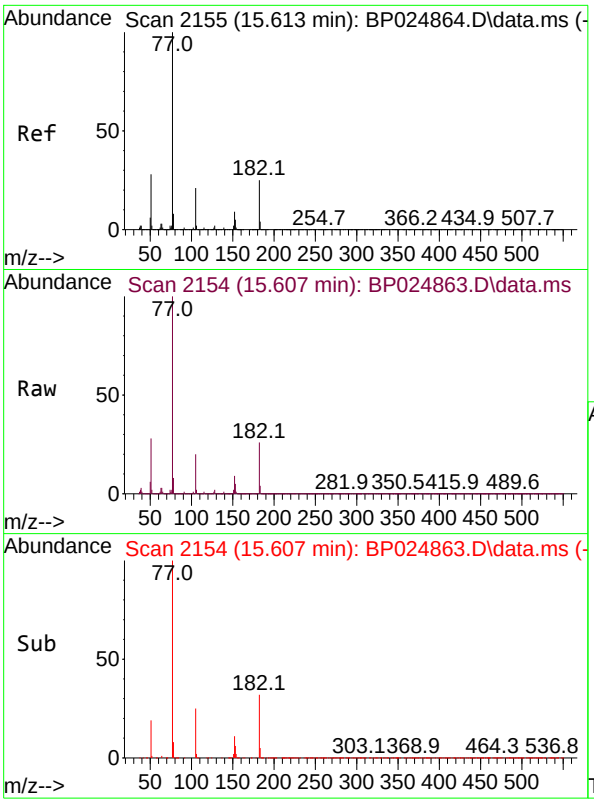


#62
4-Nitroaniline
Concen: 20.523 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:138 Resp: 185839

Ion	Ratio	Lower	Upper
138	100		
92	54.3	33.5	73.5
108	83.3	65.1	105.1

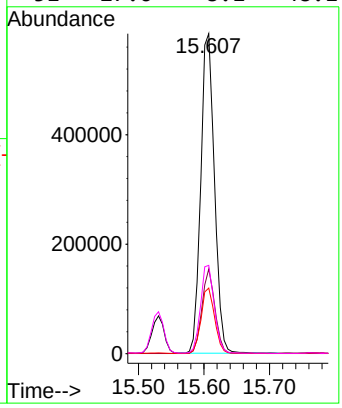




#63
Azobenzene
Concen: 20.675 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 77 Resp: 843121

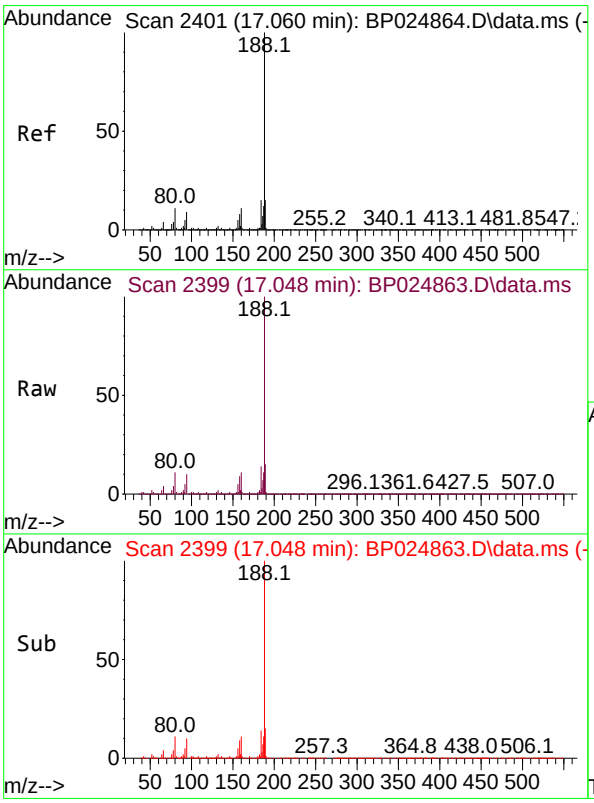
Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.4	45.4
105	20.5	0.8	40.8
51	27.6	8.1	48.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

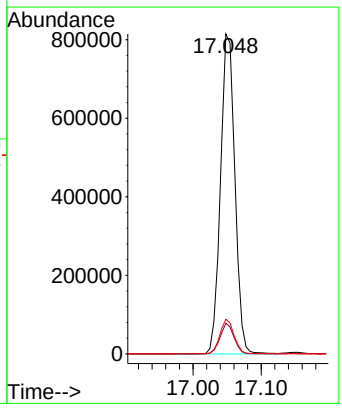
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

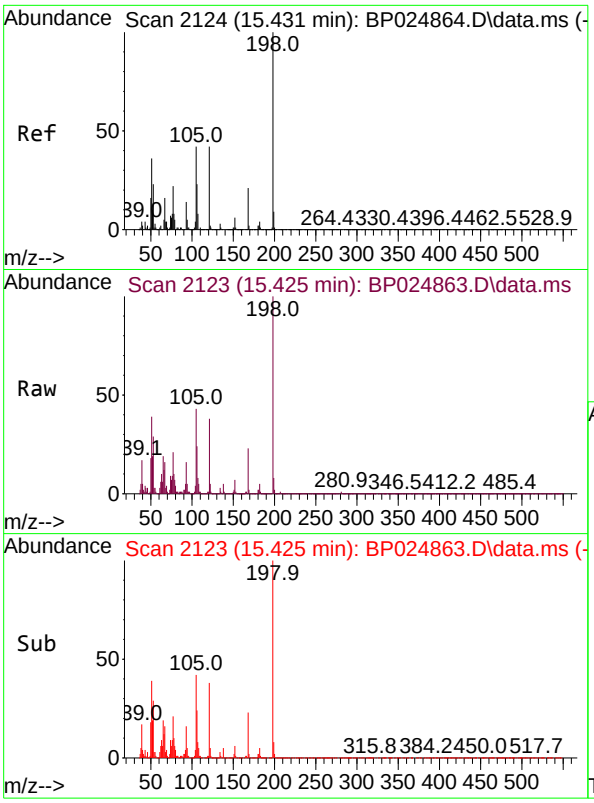


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:188 Resp: 1187838

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	10.8	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 19.041 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

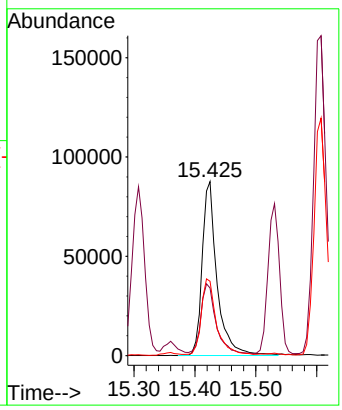
Tgt Ion:198 Resp: 14861

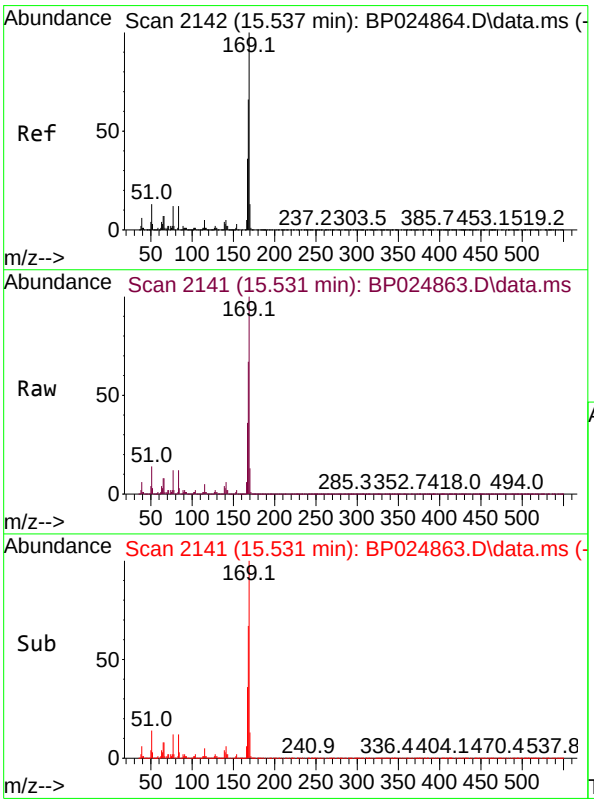
Ion	Ratio	Lower	Upper
198	100		
51	38.9	19.2	59.2
105	42.7	22.6	62.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

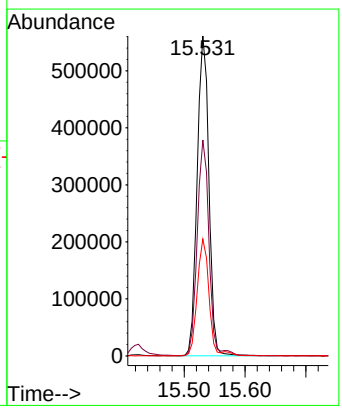


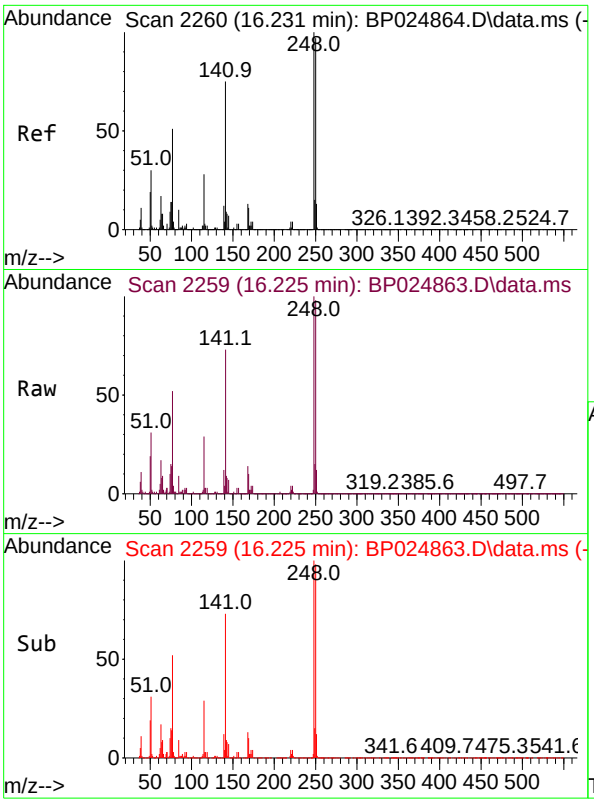


#66
n-Nitrosodiphenylamine
Concen: 20.409 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:169 Resp: 751407

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.0	79.6
167	36.5	28.6	43.0





#67
4-Bromophenyl-phenylether
Concen: 20.055 ng
RT: 16.225 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

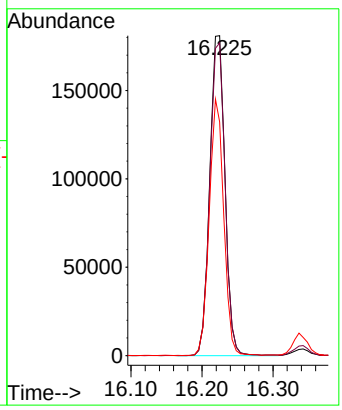
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

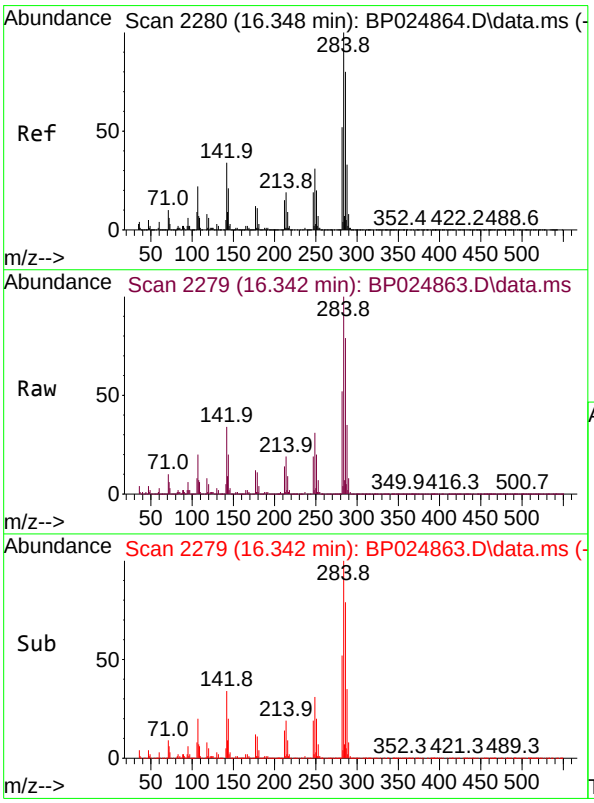
Tgt Ion:248 Resp: 26879

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.2
141	73.0	59.9	89.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

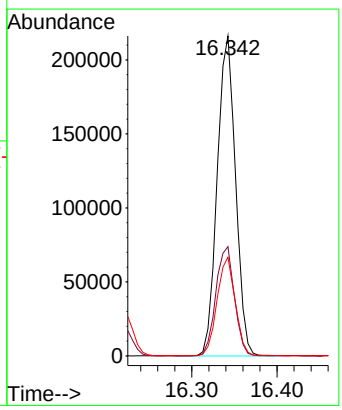


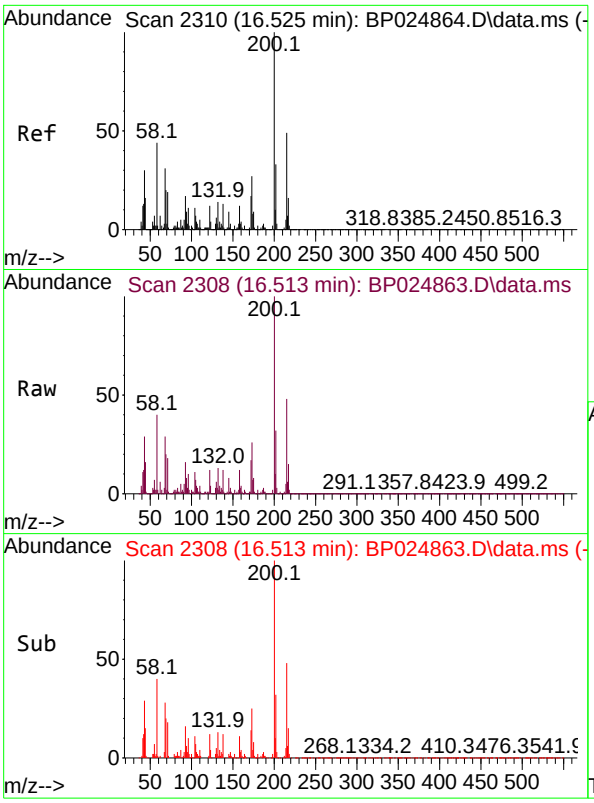


#68
Hexachlorobenzene
Concen: 19.880 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:284 Resp: 323008

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	30.8	25.0	37.6

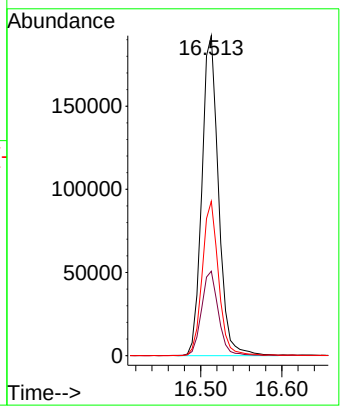




#69
Atrazine
Concen: 20.548 ng
RT: 16.513 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:200 Resp: 27425

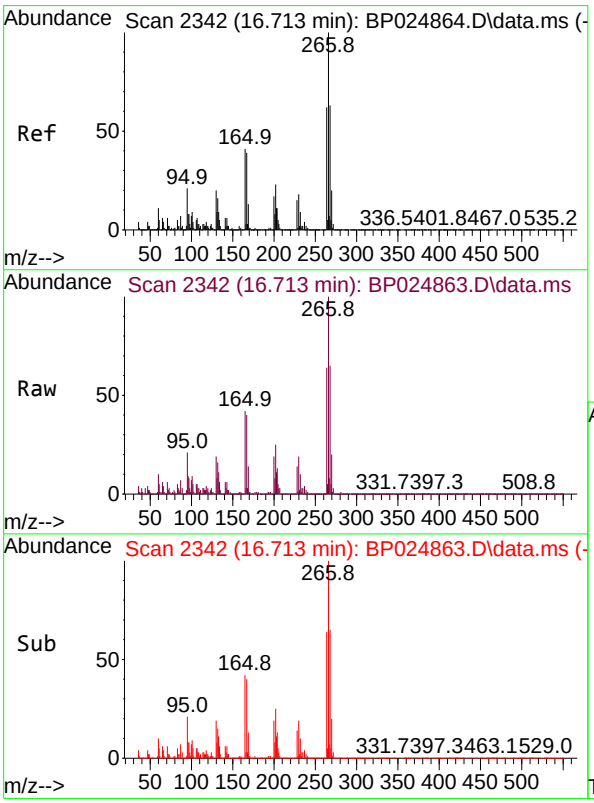
Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	48.2	28.7	68.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

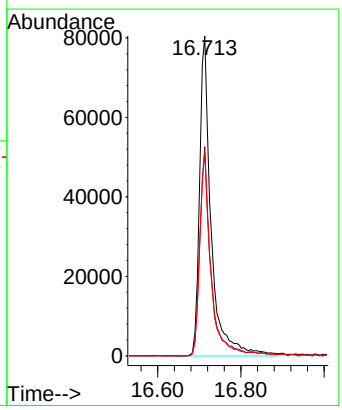
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

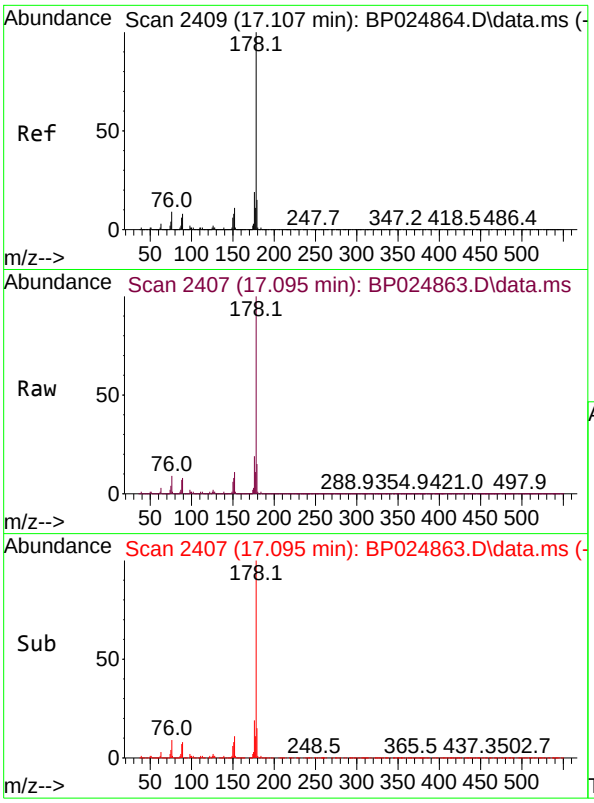


#70
Pentachlorophenol
Concen: 18.505 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:266 Resp: 155614

Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.6	76.0
264	63.6	49.7	74.5





#71
Phenanthrene
Concen: 20.080 ng
RT: 17.095 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

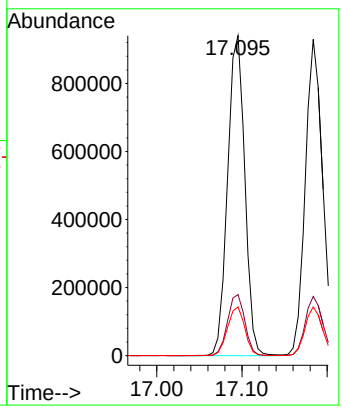
Tgt Ion:178 Resp: 131807

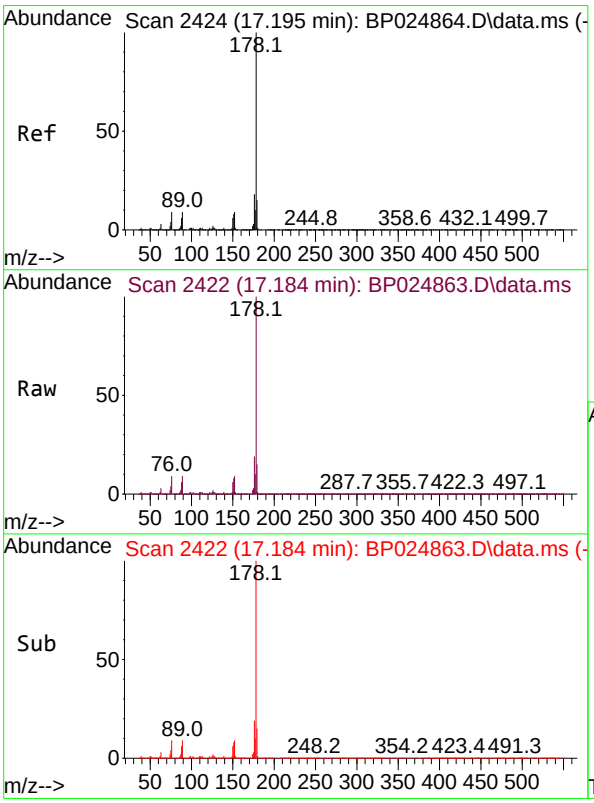
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.1	18.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

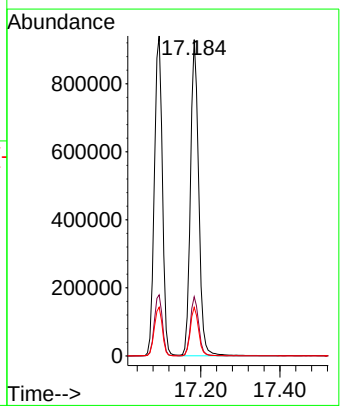


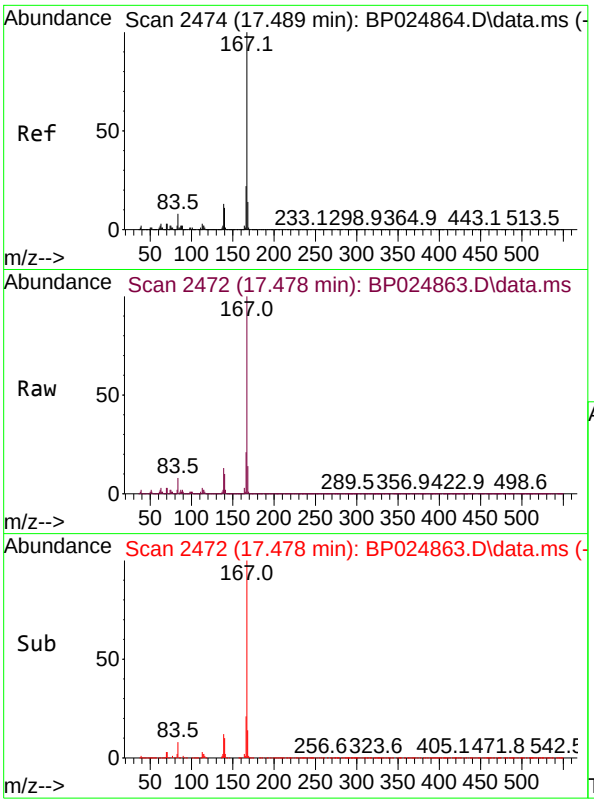


#72
Anthracene
Concen: 20.308 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:178 Resp: 1350106

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.4	12.3	18.5

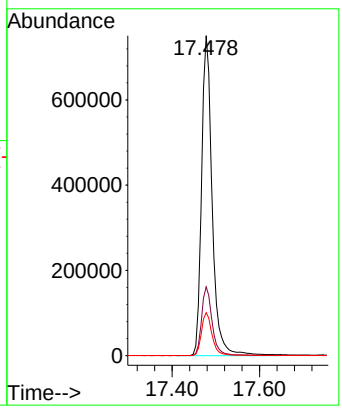




#73
Carbazole
Concen: 20.385 ng
RT: 17.478 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:167 Resp: 125610

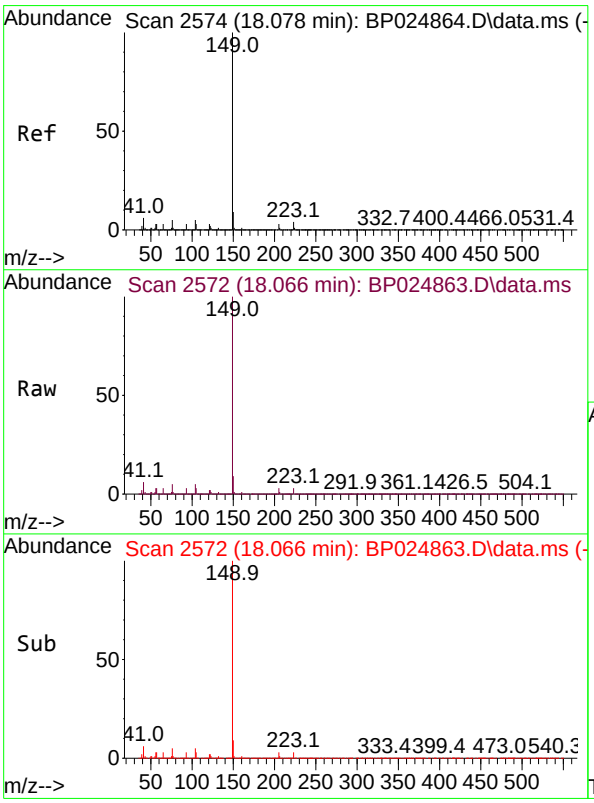
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	13.4	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

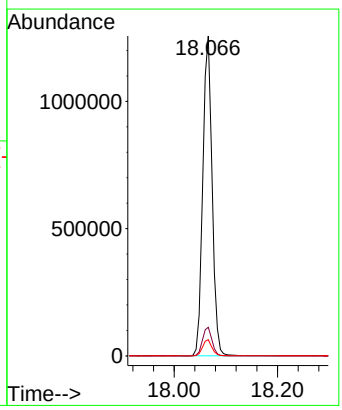
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

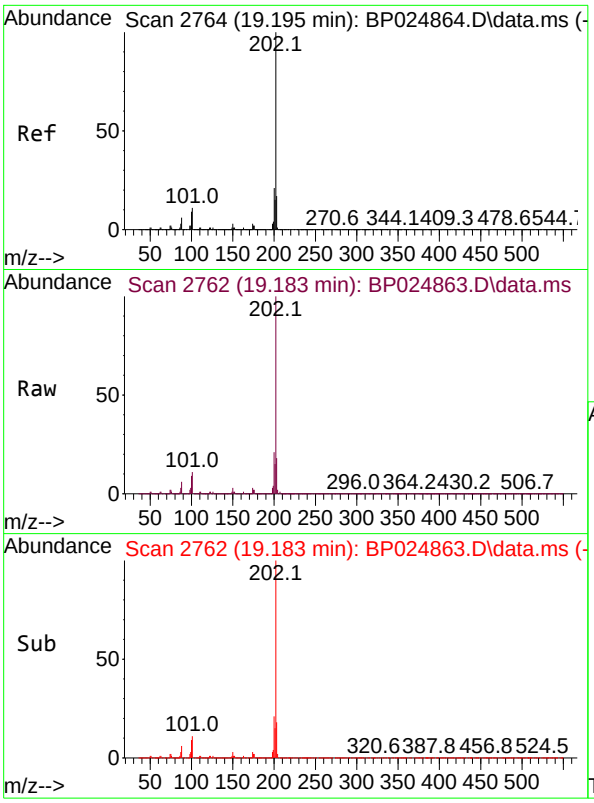


#74
Di-n-butylphthalate
Concen: 20.637 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:149 Resp: 1575537

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.1	4.2	6.2

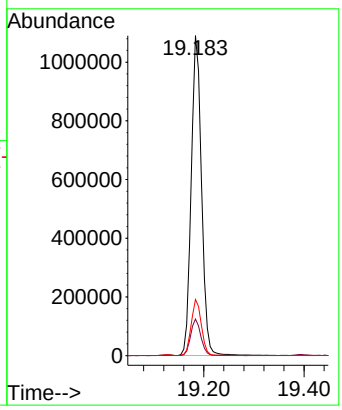




#75
Fluoranthene
Concen: 20.404 ng
RT: 19.183 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:202 Resp: 155239

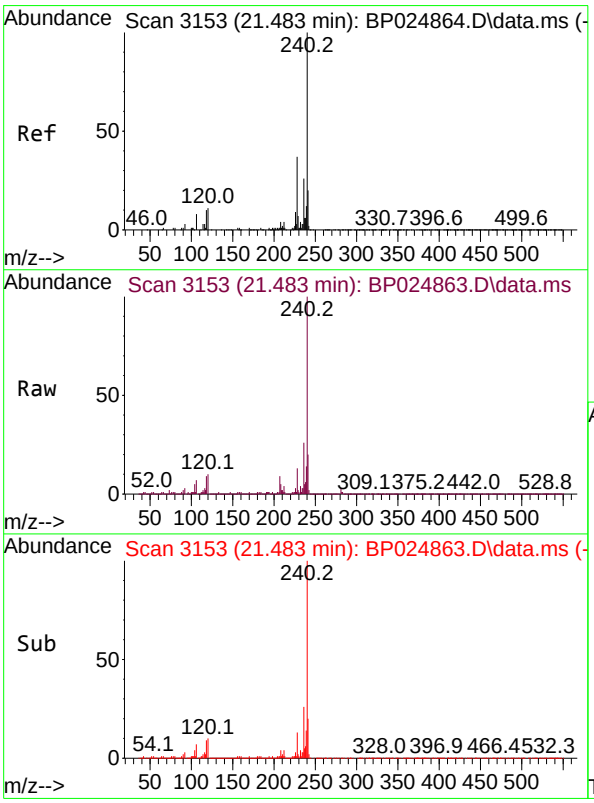
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

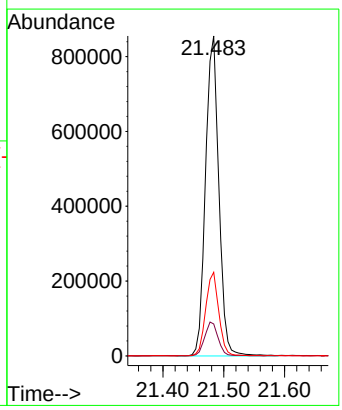
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

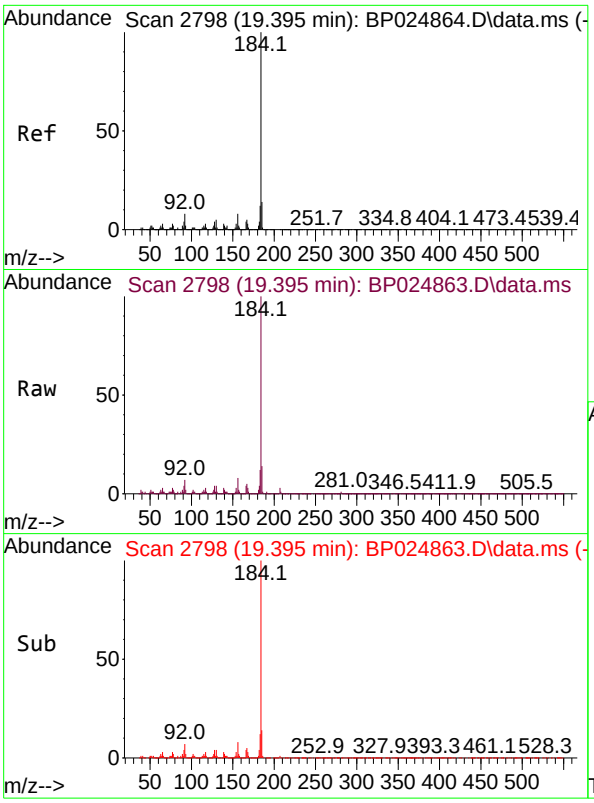


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:240 Resp: 1296607

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	26.1	20.9	31.3

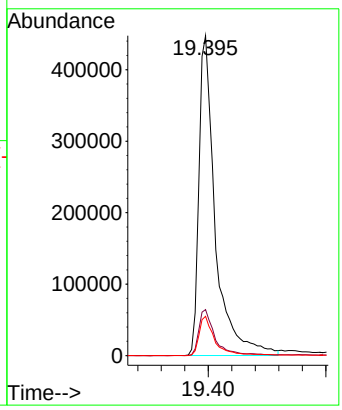




#77
Benzidine
Concen: 21.600 ng
RT: 19.395 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:184 Resp: 867418

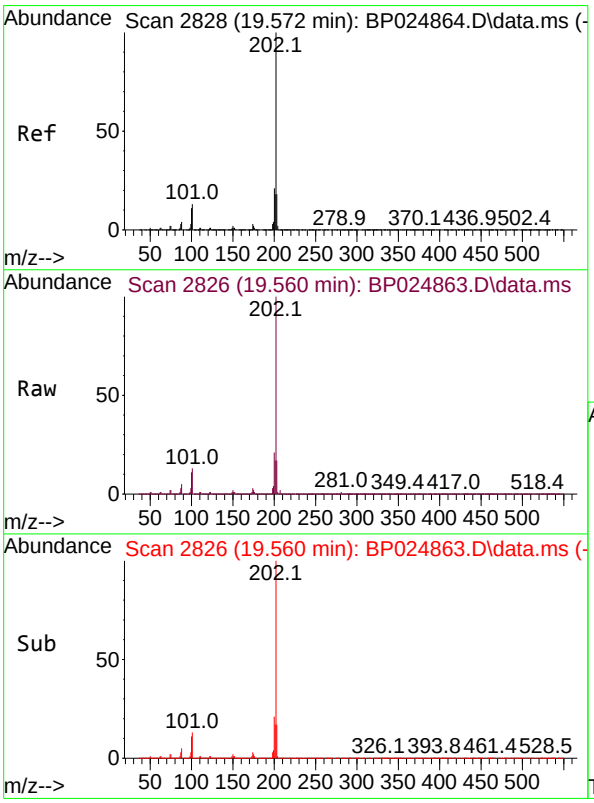
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.0
183	12.3	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

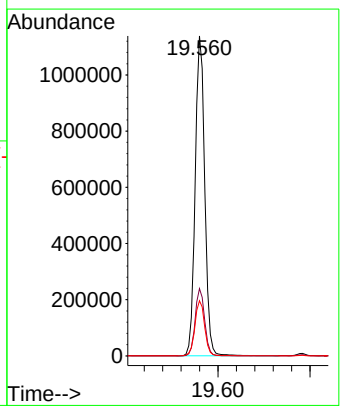
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

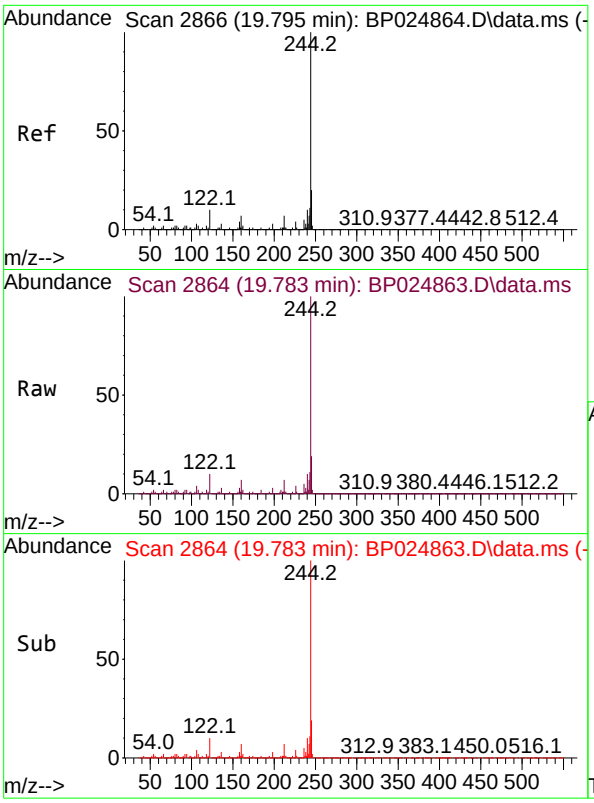


#78
Pyrene
Concen: 20.183 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:202 Resp: 1634896

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.0	21.0

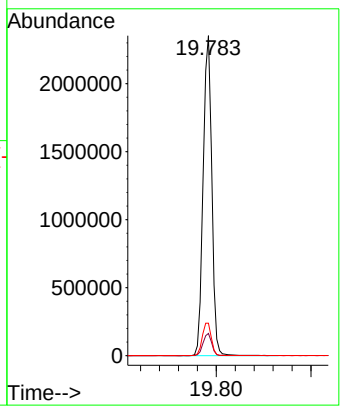




#79
Terphenyl-d14
Concen: 41.093 ng
RT: 19.783 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:244 Resp: 297288

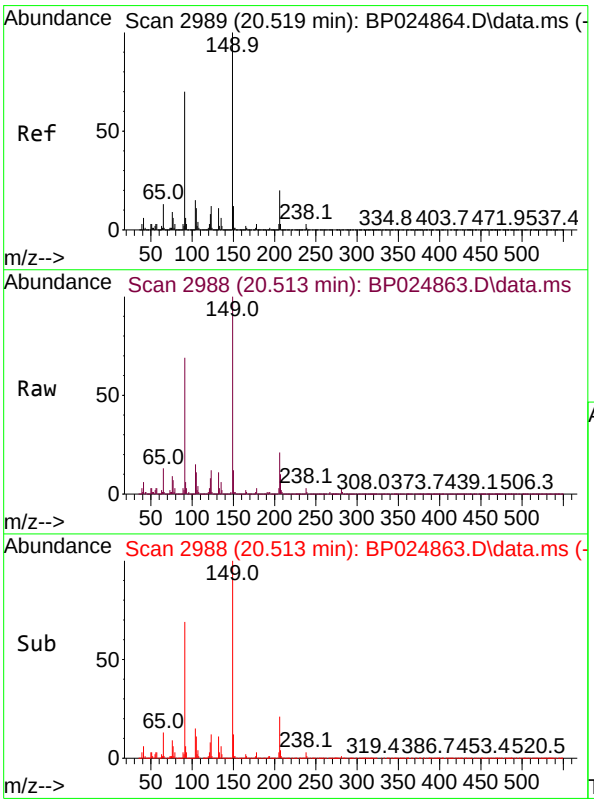
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.1	7.7	11.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

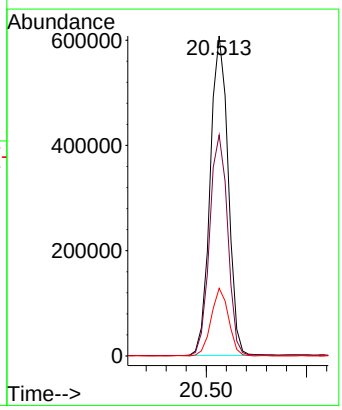
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

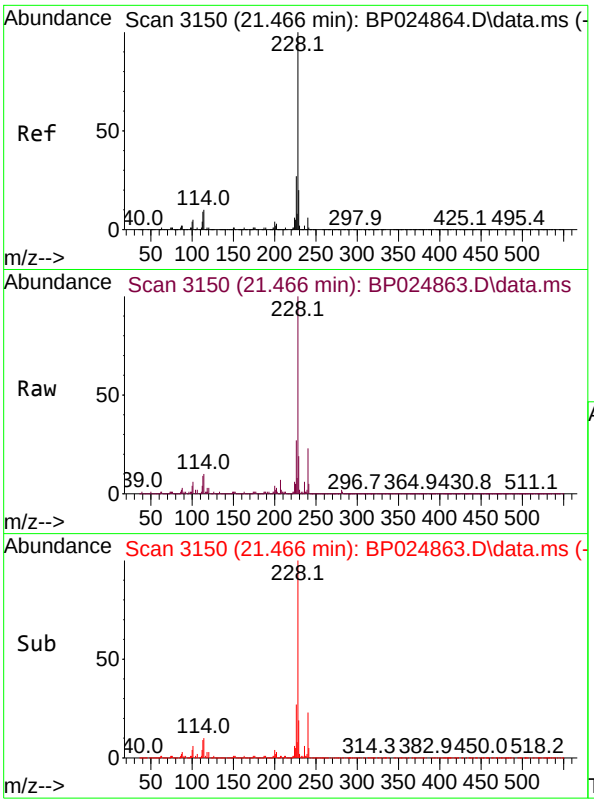


#80
Butylbenzylphthalate
Concen: 20.318 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:149 Resp: 753875

Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.8	83.8
206	21.1	16.2	24.2

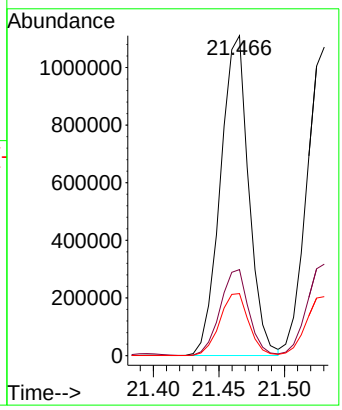




#81
Benzo(a)anthracene
Concen: 20.131 ng
RT: 21.466 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:228 Resp: 166939

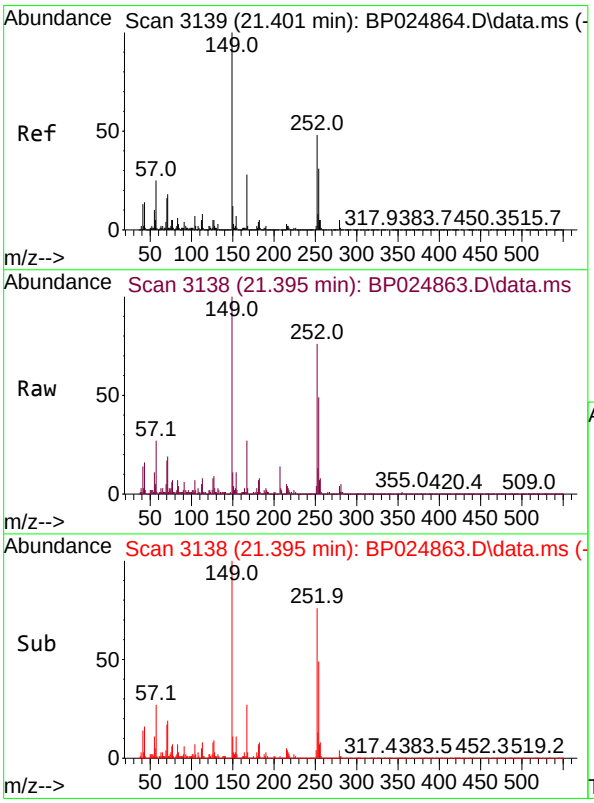
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

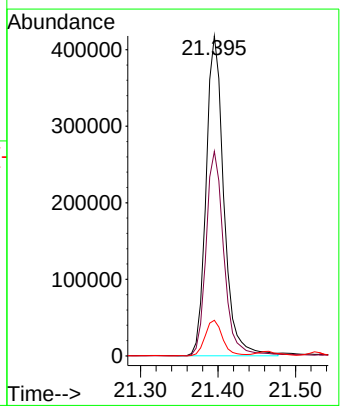
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

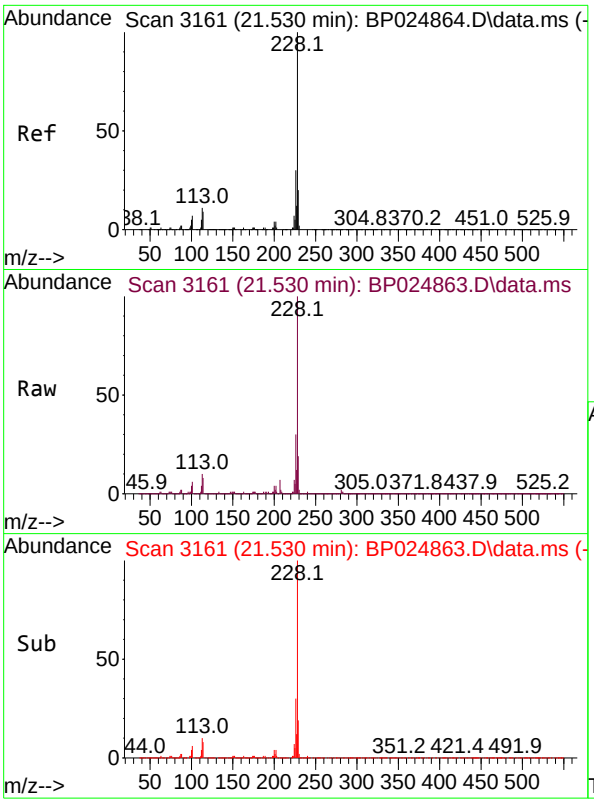


#82
3,3'-Dichlorobenzidine
Concen: 20.185 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:252 Resp: 664556

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	11.1	8.6	12.8

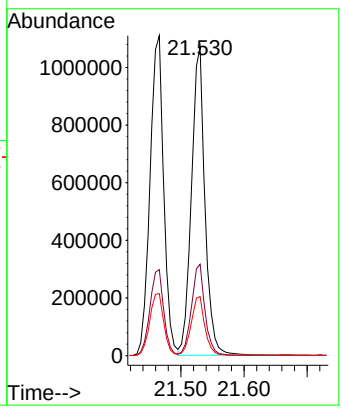




#83
Chrysene
Concen: 20.278 ng
RT: 21.530 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:228 Resp: 159341

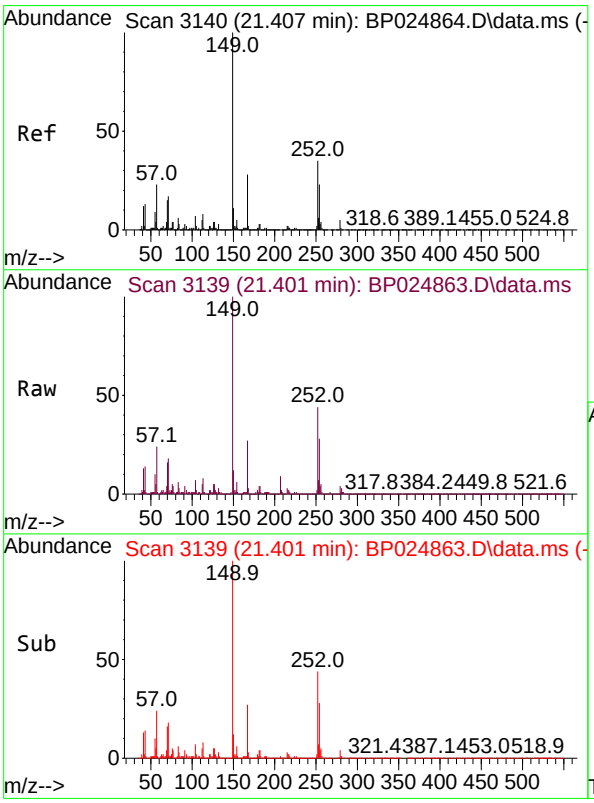
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.1	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

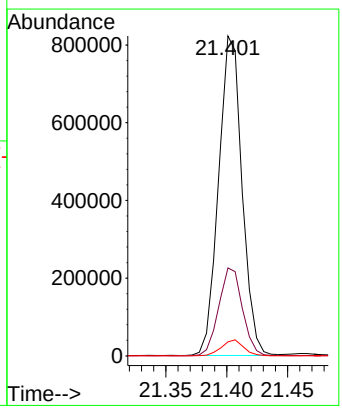
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

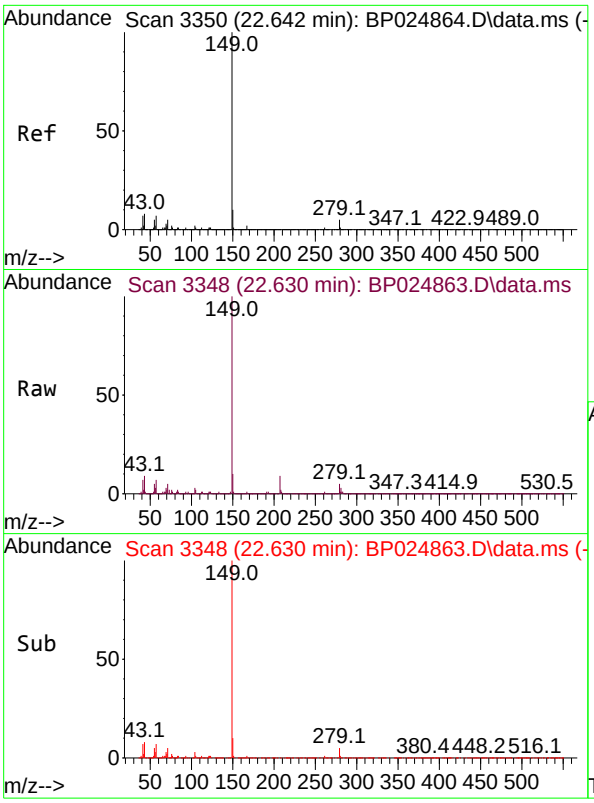


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.638 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:149 Resp: 1097129

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	4.4	4.0	6.0

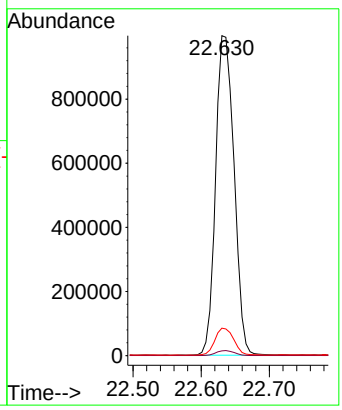




#85
Di-n-octyl phthalate
Concen: 19.903 ng
RT: 22.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:149 Resp: 186501

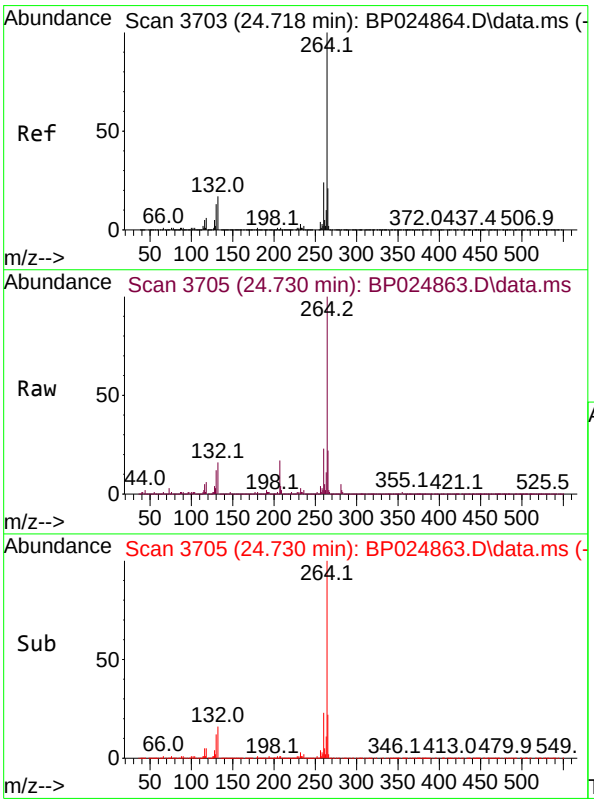
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

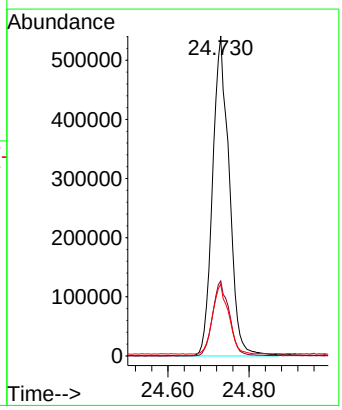
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

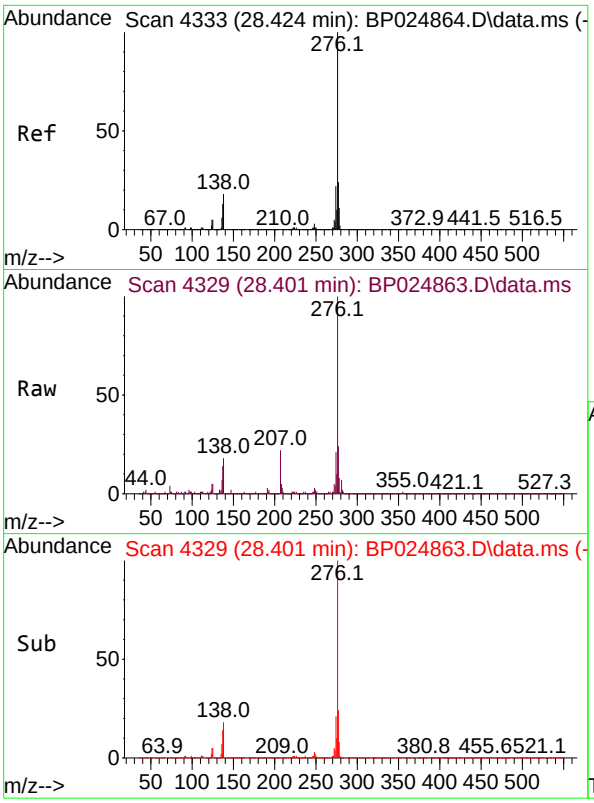


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:264 Resp: 1539603

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.4	17.4	26.0

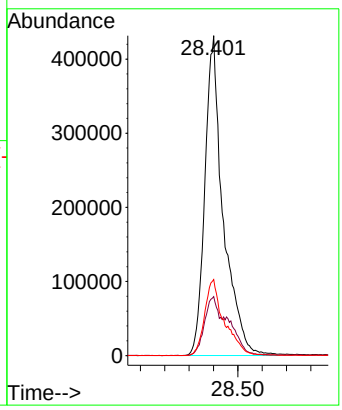




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.129 ng
RT: 28.401 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:276 Resp: 226111

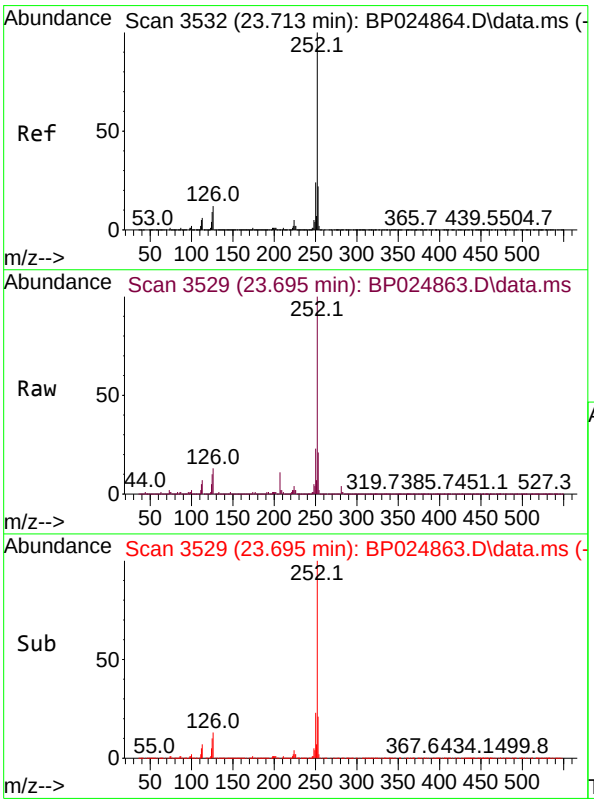
Ion	Ratio	Lower	Upper
276	100		
138	15.0	18.6	27.8
277	25.3	20.2	30.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

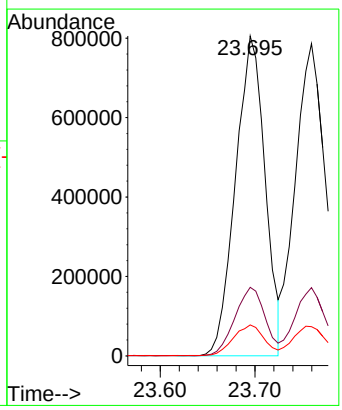
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

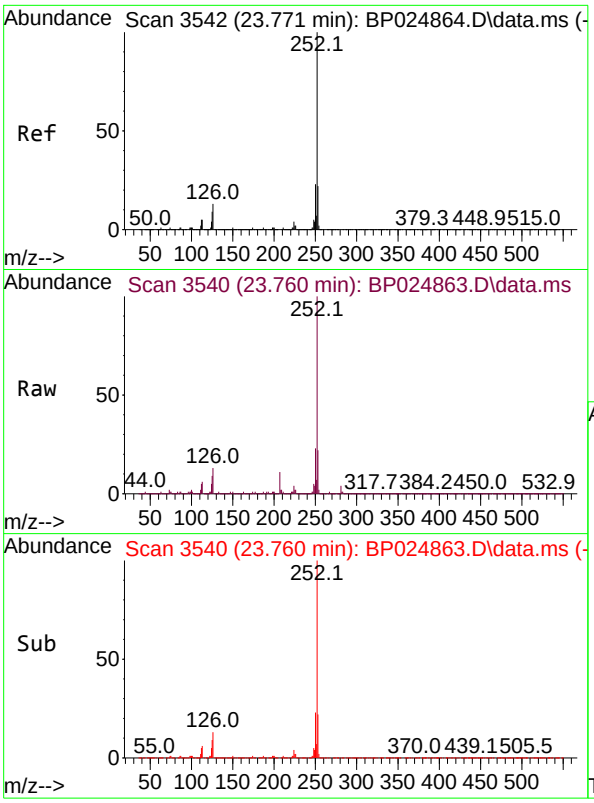


#88
Benzo(b)fluoranthene
Concen: 19.792 ng
RT: 23.695 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:252 Resp: 1743865

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.7	7.1	10.7

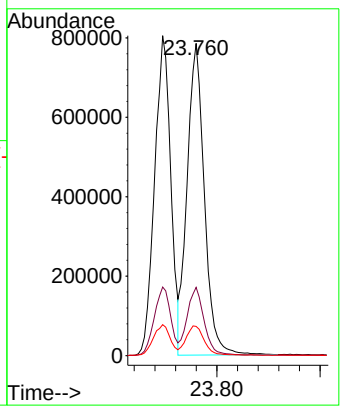




#89
Benzo(k)fluoranthene
Concen: 20.264 ng
RT: 23.760 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:252 Resp: 181750

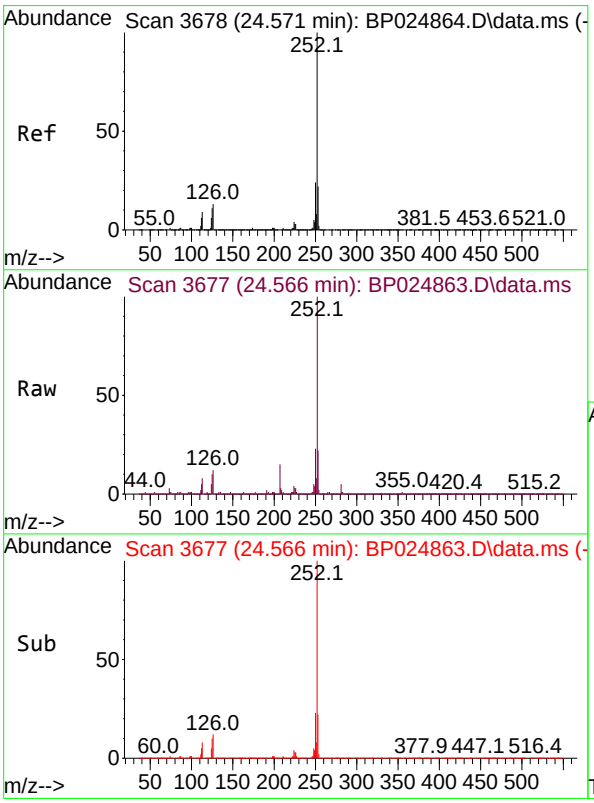
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.4	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

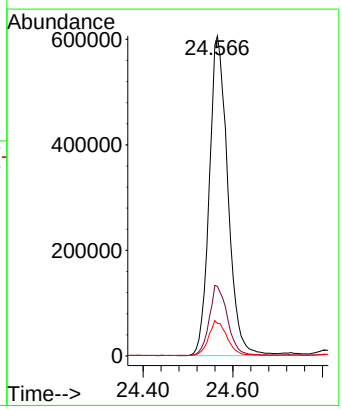
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

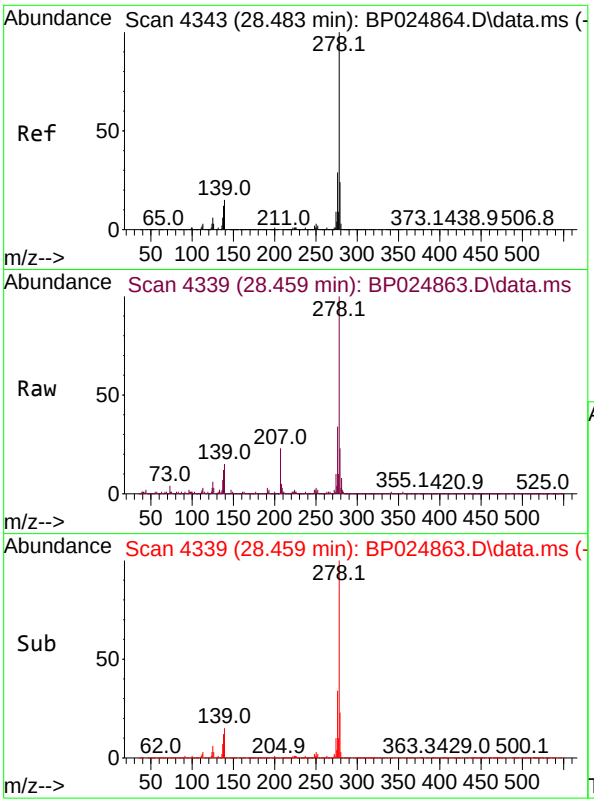


#90
Benzo(a)pyrene
Concen: 20.166 ng
RT: 24.566 min Scan# 3677
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:252 Resp: 1735236

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	8.8	13.2

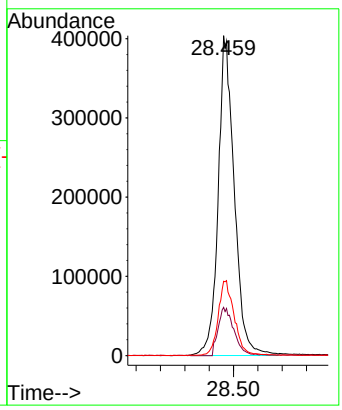




#91
Dibenzo(a,h)anthracene
Concen: 20.237 ng
RT: 28.459 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:278 Resp: 185043

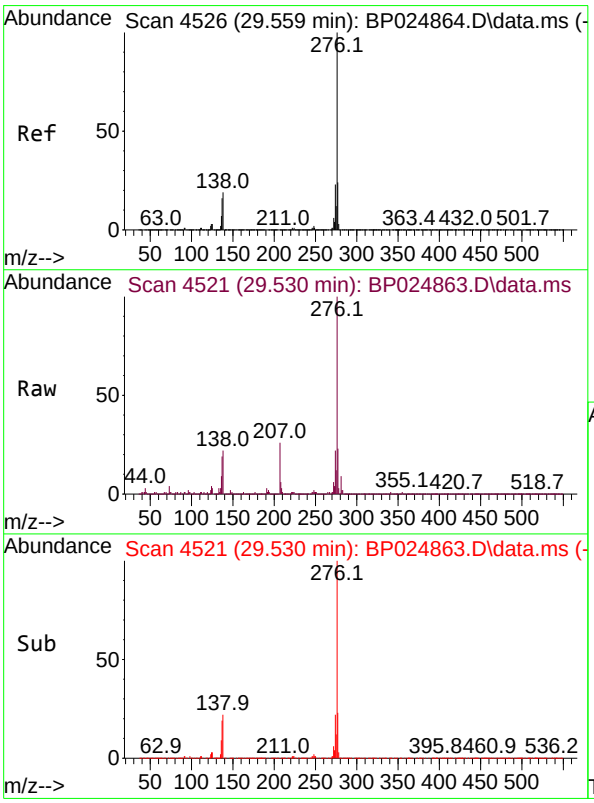
Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.2	19.1	28.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

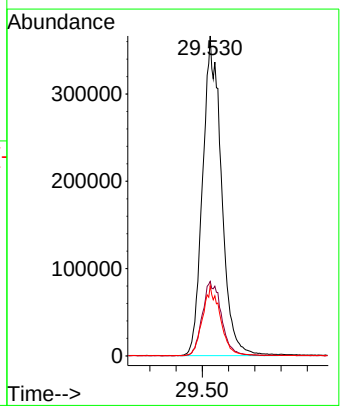
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 20.071 ng
RT: 29.530 min Scan# 4521
Delta R.T. -0.029 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:276 Resp: 1820845

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	21.9	15.4	23.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024864.D
Acq On : 06 Jun 2025 13:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	251451	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1050030	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	679122	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1306481	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1397384	20.000	ng	0.00
86) Perylene-d12	24.718	264	1643252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1170028	77.670	ng	0.00
7) Phenol-d6	6.814	99	1553699	77.952	ng	0.00
23) Nitrobenzene-d5	8.760	82	1695972	78.486	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	726339	77.359	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3776115	74.904	ng	0.00
79) Terphenyl-d14	19.795	244	6089552	78.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	249102	37.581	ng	100
3) Pyridine	3.567	79	616351	38.665	ng	100
4) n-Nitrosodimethylamine	3.478	42	252432	38.735	ng	100
6) Aniline	6.955	93	994688	39.106	ng	100
8) 2-Chlorophenol	7.190	128	660632	38.685	ng	100
9) Benzaldehyde	6.772	77	439137	38.116	ng	100
10) Phenol	6.843	94	798315	38.853	ng	100
11) bis(2-Chloroethyl)ether	7.049	93	620674	38.406	ng	100
12) 1,3-Dichlorobenzene	7.502	146	716511	37.610	ng	100
13) 1,4-Dichlorobenzene	7.643	146	723440	37.635	ng	100
14) 1,2-Dichlorobenzene	7.961	146	704548	37.326	ng	100
15) Benzyl Alcohol	7.861	79	588293	38.458	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	795933	37.629	ng	100
17) 2-Methylphenol	8.072	107	556193	38.764	ng	100
18) Hexachloroethane	8.672	117	274123	37.878	ng	100
19) n-Nitroso-di-n-propyla...	8.413	70	524279	38.693	ng	100
20) 3+4-Methylphenols	8.402	107	751025	38.365	ng	100
22) Acetophenone	8.431	105	1030093	38.828	ng	100
24) Nitrobenzene	8.802	77	755619	39.362	ng	100
25) Isophorone	9.325	82	1457812	38.927	ng	100
26) 2-Nitrophenol	9.507	139	378834	39.996	ng	100
27) 2,4-Dimethylphenol	9.584	122	635763	39.219	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	868569	38.880	ng	100
29) 2,4-Dichlorophenol	10.055	162	613013	39.412	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	665418	37.930	ng	100
31) Naphthalene	10.431	128	2077988	38.617	ng	100
32) Benzoic acid	9.760	122	428303	39.629	ng	100
33) 4-Chloroaniline	10.555	127	893683	39.641	ng	100
34) Hexachlorobutadiene	10.707	225	407084	38.500	ng	100
35) Caprolactam	11.349	113	230696	40.293	ng	100
36) 4-Chloro-3-methylphenol	11.701	107	715549	39.885	ng	100
37) 2-Methylnaphthalene	12.049	142	1330251	38.973	ng	100
38) 1-Methylnaphthalene	12.266	142	1408803	38.606	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	731245	37.947	ng	100
41) Hexachlorocyclopentadiene	12.396	237	457226	38.901	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	509510	39.371	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024864.D
Acq On : 06 Jun 2025 13:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	550432	39.715	ng	100
46) 1,1'-Biphenyl	13.066	154	1882196	38.137	ng	100
47) 2-Chloronaphthalene	13.113	162	1451679	38.270	ng	100
48) 2-Nitroaniline	13.331	65	470289	40.328	ng	100
49) Acenaphthylene	13.966	152	2400804	37.959	ng	100
50) Dimethylphthalate	13.713	163	1902136	37.969	ng	100
51) 2,6-Dinitrotoluene	13.837	165	424228	39.280	ng	100
52) Acenaphthene	14.313	154	1386007	38.243	ng	100
53) 3-Nitroaniline	14.178	138	459200	40.971	ng	100
54) 2,4-Dinitrophenol	14.395	184	242575	37.658	ng	100
55) Dibenzofuran	14.660	168	2209494	37.980	ng	100
56) 4-Nitrophenol	14.531	139	336462	38.472	ng	100
57) 2,4-Dinitrotoluene	14.637	165	593534	39.287	ng	100
58) Fluorene	15.319	166	1771367	37.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	480983	38.773	ng	100
60) Diethylphthalate	15.101	149	1891525	37.885	ng	100
61) 4-Chlorophenyl-phenyle...	15.313	204	864669	37.629	ng	100
62) 4-Nitroaniline	15.366	138	422311	41.533	ng	100
63) Azobenzene	15.613	77	1765553	38.557	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	339975	39.602	ng	100
66) n-Nitrosodiphenylamine	15.537	169	1559739	38.517	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	556600	37.758	ng	100
68) Hexachlorobenzene	16.348	284	680613	38.085	ng	100
69) Atrazine	16.525	200	567988	38.691	ng	100
70) Pentachlorophenol	16.713	266	362165	39.157	ng	100
71) Phenanthrene	17.107	178	2760162	38.231	ng	100
72) Anthracene	17.195	178	2799870	38.291	ng	100
73) Carbazole	17.489	167	2607544	38.474	ng	100
74) Di-n-butylphthalate	18.078	149	3324411	39.589	ng	100
75) Fluoranthene	19.195	202	3194654	38.177	ng	100
77) Benzidine	19.395	184	1825007	42.168	ng	100
78) Pyrene	19.572	202	3309259	37.906	ng	100
80) Butylbenzylphthalate	20.519	149	1569262	39.243	ng	100
81) Benzo(a)anthracene	21.466	228	3407877	38.131	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1377414	38.820	ng	100
83) Chrysene	21.530	228	3196624	37.748	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2227904	38.886	ng	100
85) Di-n-octyl phthalate	22.642	149	3868411	38.306	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	4640451	38.704	ng	100
88) Benzo(b)fluoranthene	23.713	252	3704546	39.393	ng	100
89) Benzo(k)fluoranthene	23.771	252	3635617	37.979	ng	100
90) Benzo(a)pyrene	24.571	252	3516755	38.291	ng	100
91) Dibenzo(a,h)anthracene	28.483	278	3757160	38.499	ng	100
92) Benzo(g,h,i)perylene	29.559	276	3734621	38.569	ng	100

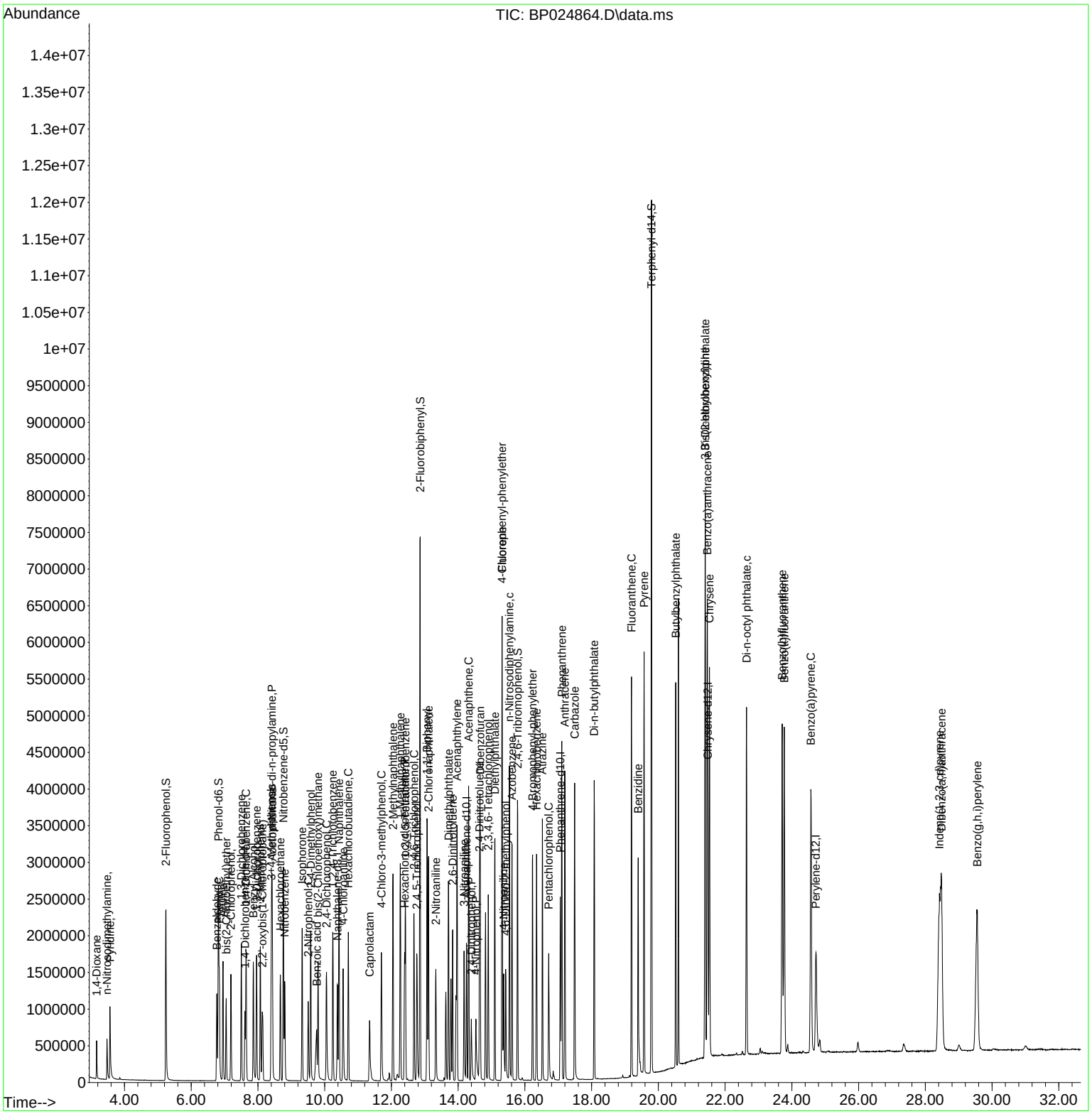
(#) = qualifier out of range (m) = manual integration (+) = signals summed

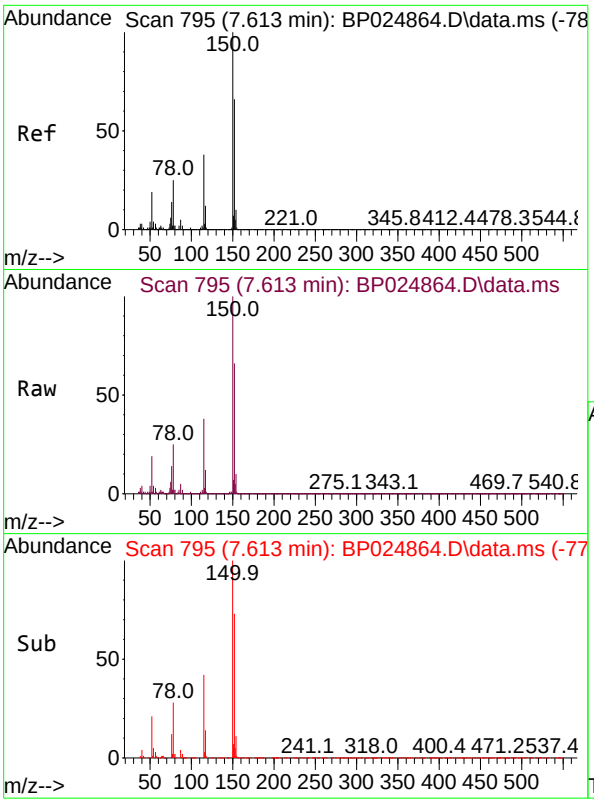
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024864.D
Acq On : 06 Jun 2025 13:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration



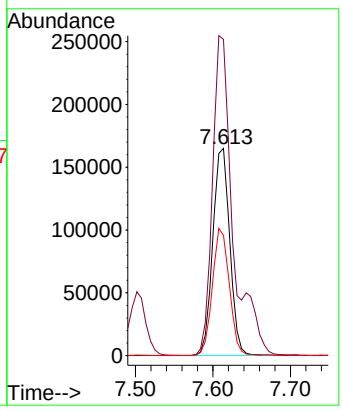


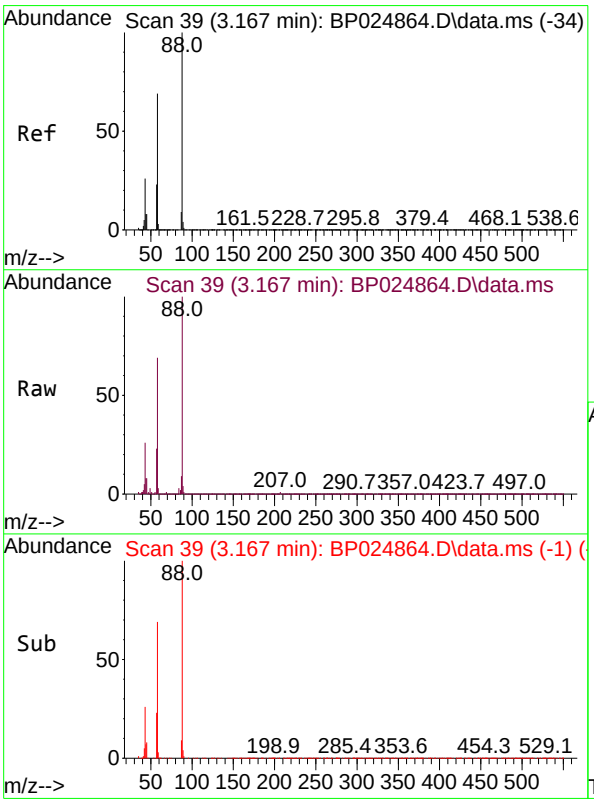
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 79
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 251451

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.1	183.1
115	58.0	46.4	69.6

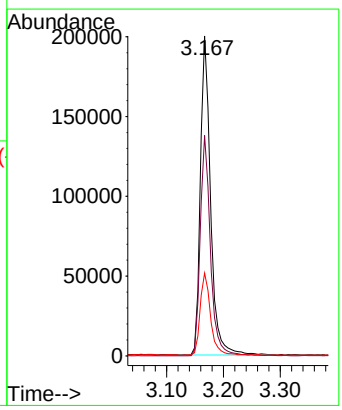


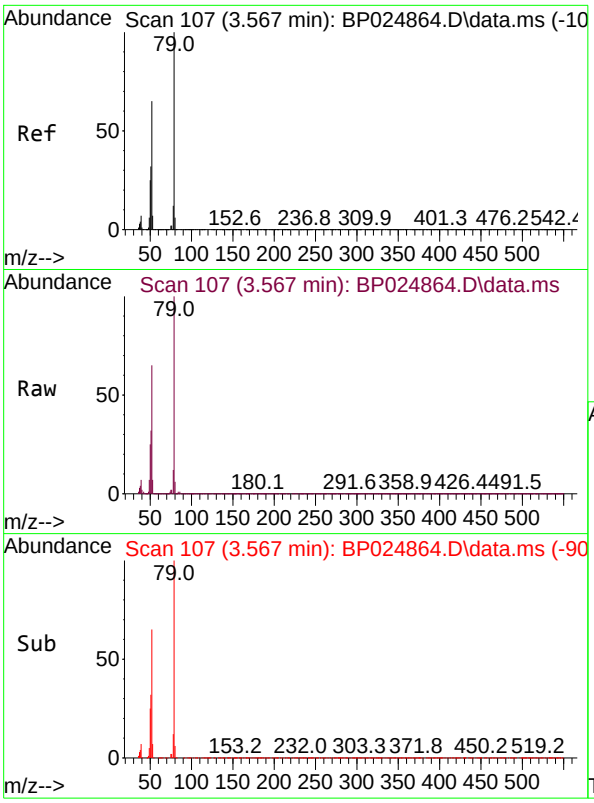


#2
1,4-Dioxane
Concen: 37.581 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 88 Resp: 249102

Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.4	83.0
43	26.1	20.8	31.2



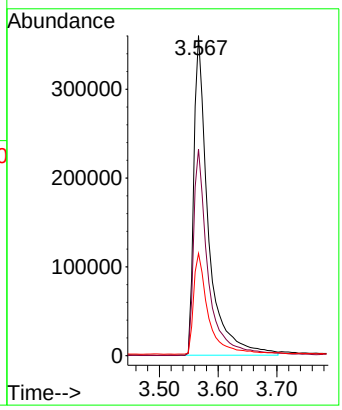


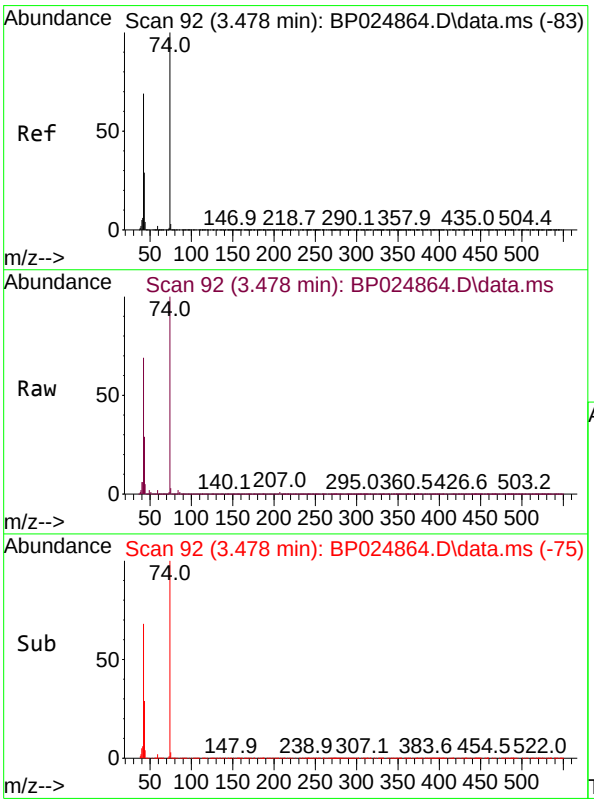
#3
Pyridine
Concen: 38.665 ng
RT: 3.567 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 616351

Ion	Ratio	Lower	Upper
79	100		
52	64.5	51.6	77.4
51	31.9	25.5	38.3

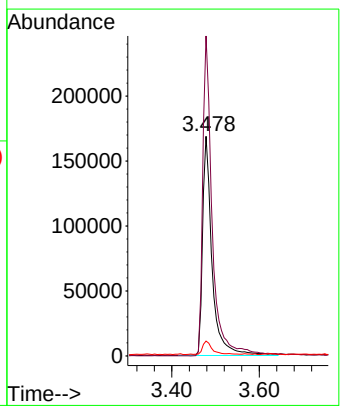


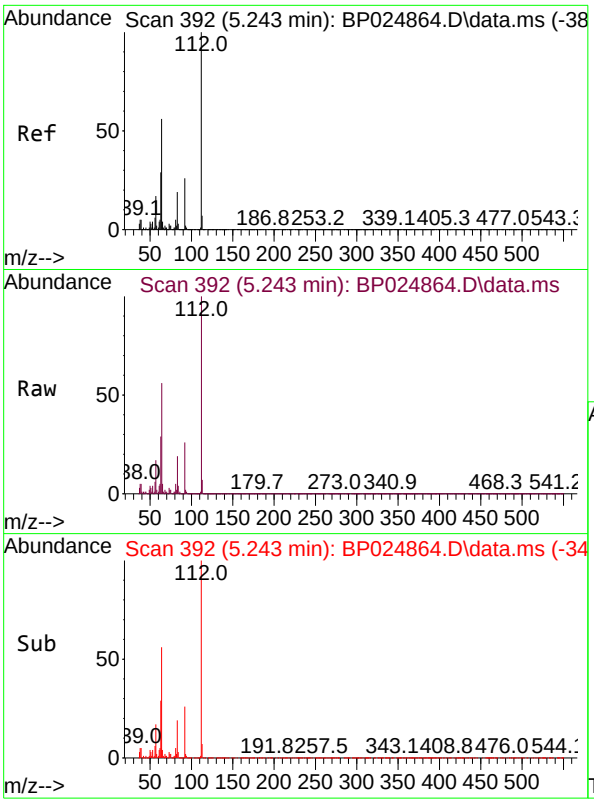


#4
n-Nitrosodimethylamine
Concen: 38.735 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 42 Resp: 252432

Ion	Ratio	Lower	Upper
42	100		
74	145.7	116.6	174.8
44	6.7	5.4	8.0



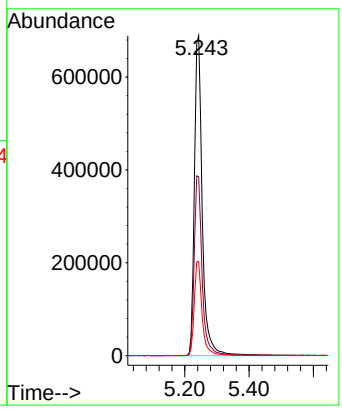


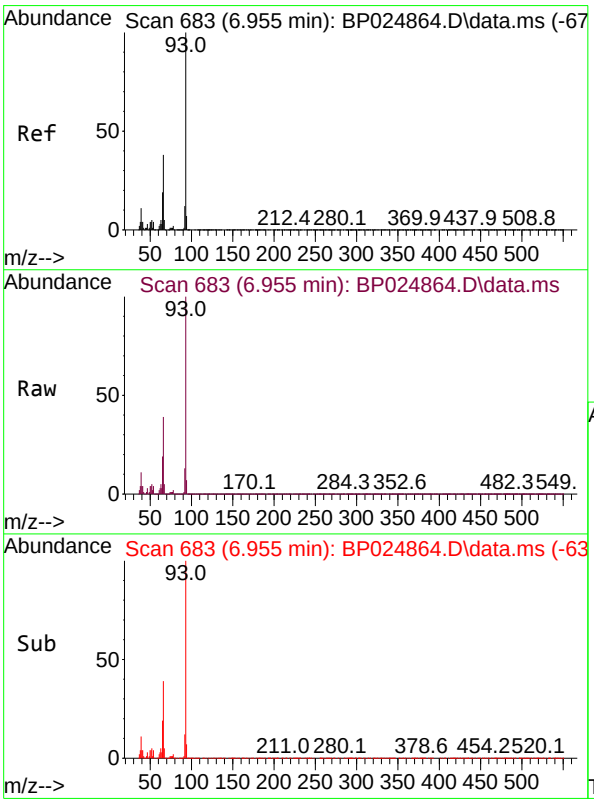
#5
2-Fluorophenol
Concen: 77.670 ng
RT: 5.243 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1170028

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.7	67.1
63	29.4	23.5	35.3

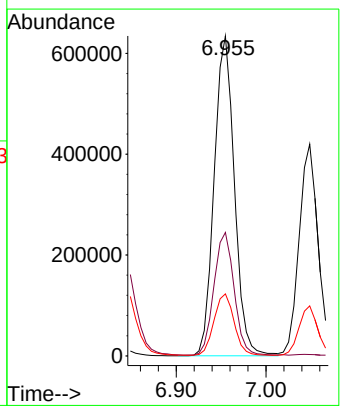


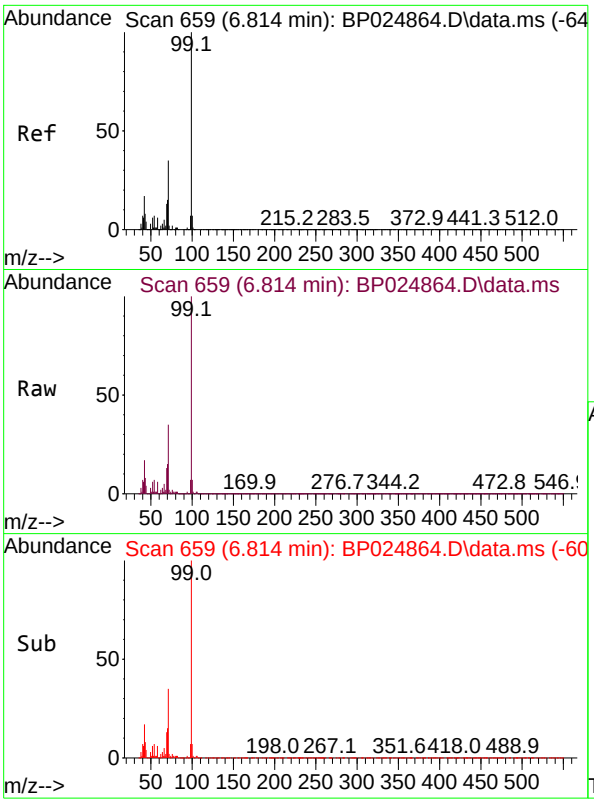


#6
Aniline
Concen: 39.106 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 93 Resp: 994688

Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.9	46.3
65	19.4	15.5	23.3



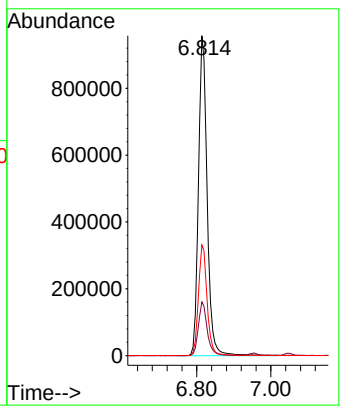


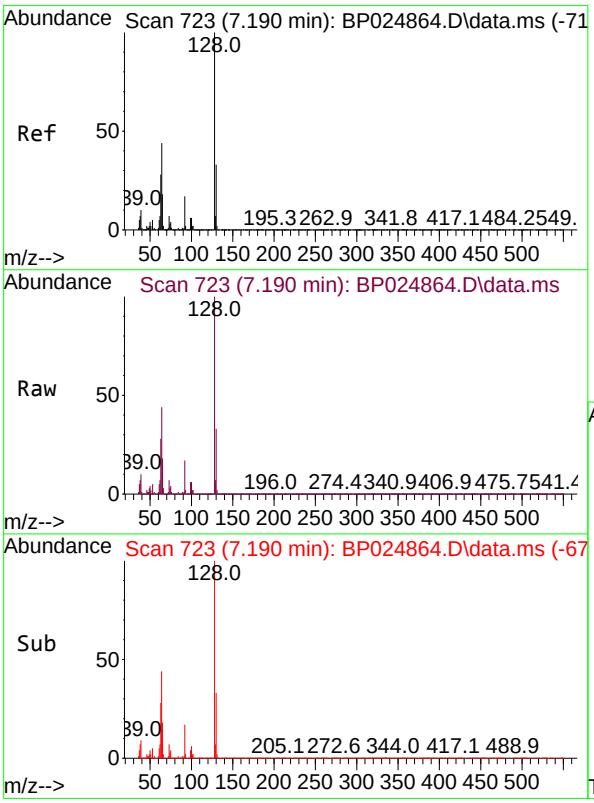
#7
Phenol-d6
Concen: 77.952 ng
RT: 6.814 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1553699

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	34.5	27.6	41.4

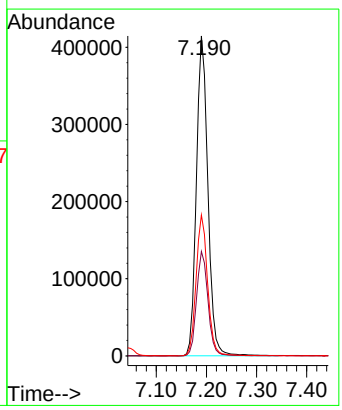


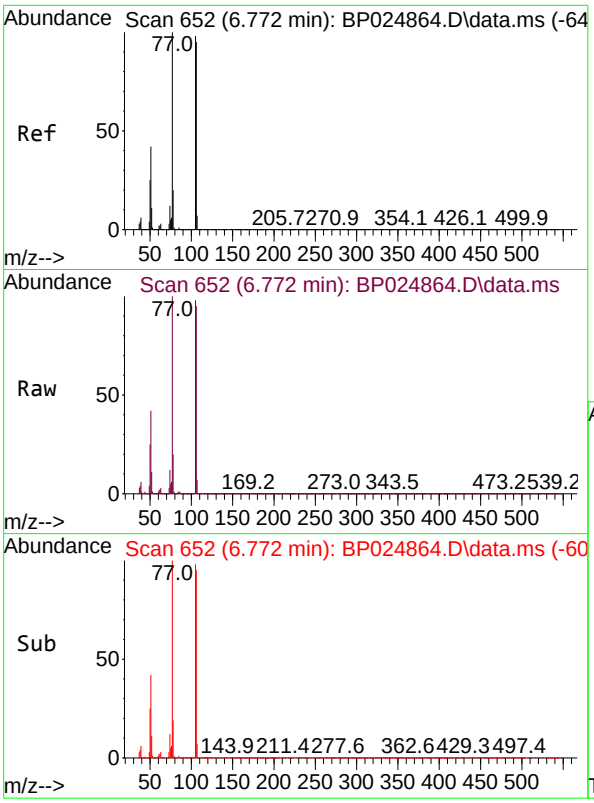


#8
2-Chlorophenol
Concen: 38.685 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:128 Resp: 660632

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	44.1	24.1	64.1



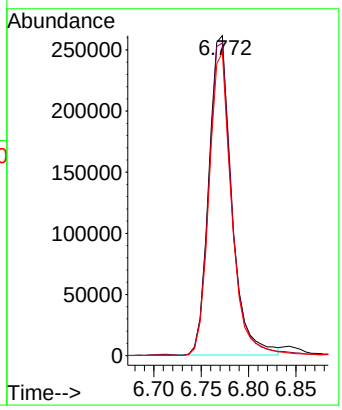


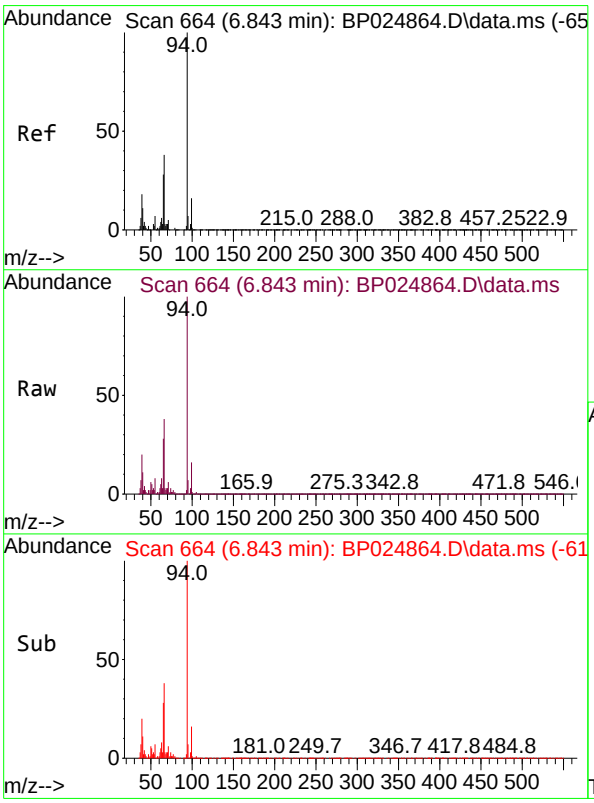
#9
Benzaldehyde
Concen: 38.116 ng
RT: 6.772 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 439137

Ion	Ratio	Lower	Upper
77	100		
105	97.7	77.7	117.7
106	94.8	74.8	114.8

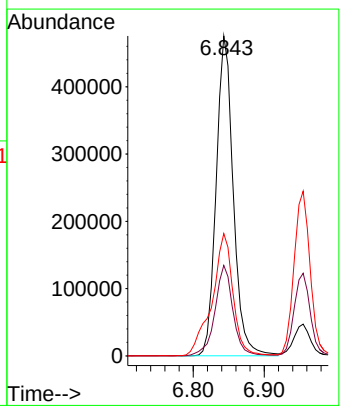


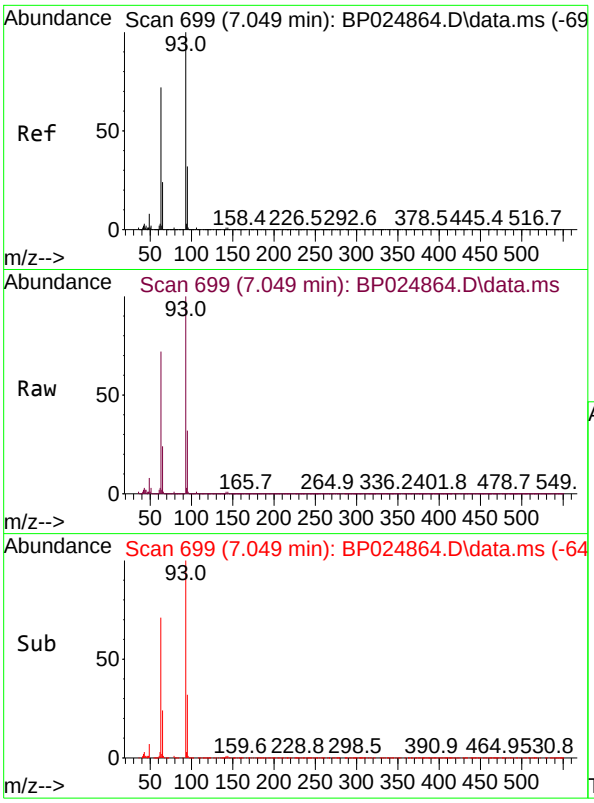


#10
Phenol
Concen: 38.853 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 94 Resp: 798315

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.3	48.3
66	38.2	18.2	58.2



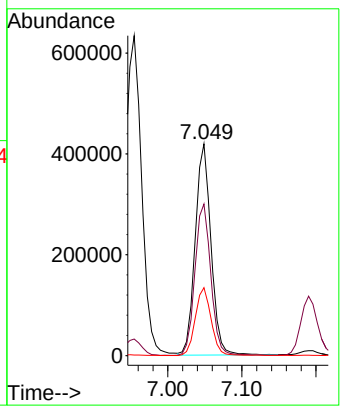


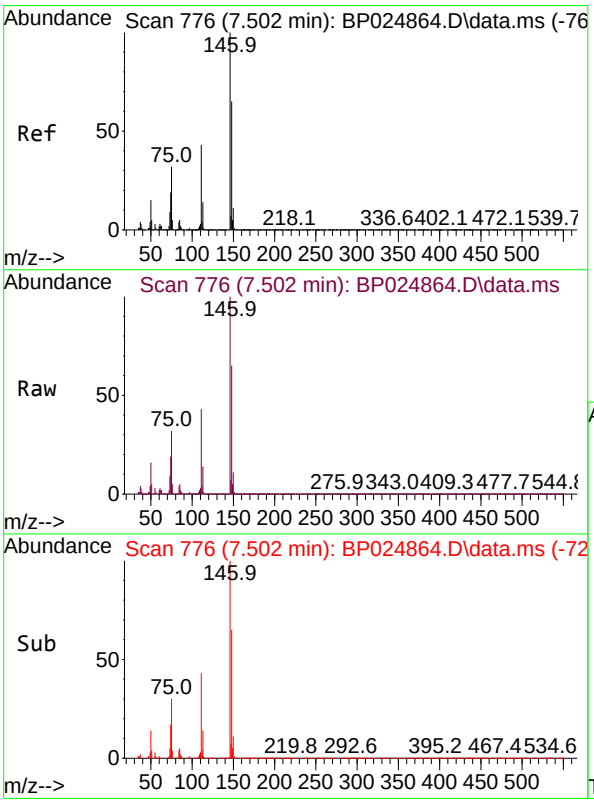
#11
bis(2-Chloroethyl)ether
Concen: 38.406 ng
RT: 7.049 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 620674

Ion	Ratio	Lower	Upper
93	100		
63	71.6	51.6	91.6
95	32.1	12.1	52.1

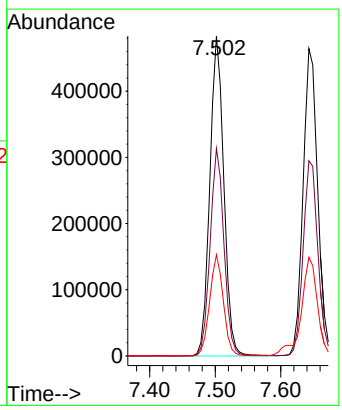


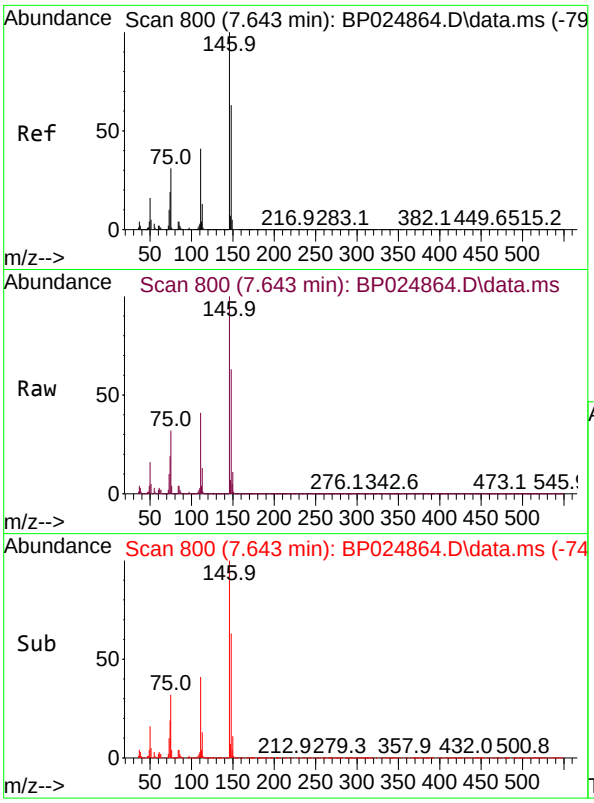


#12
1,3-Dichlorobenzene
Concen: 37.610 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:146 Resp: 716511

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.6	25.3	37.9



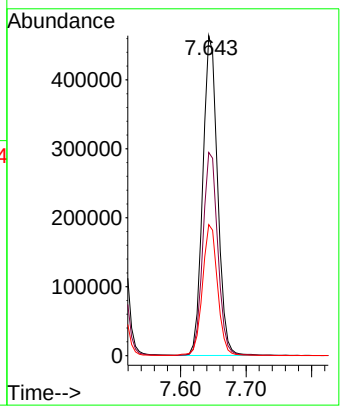


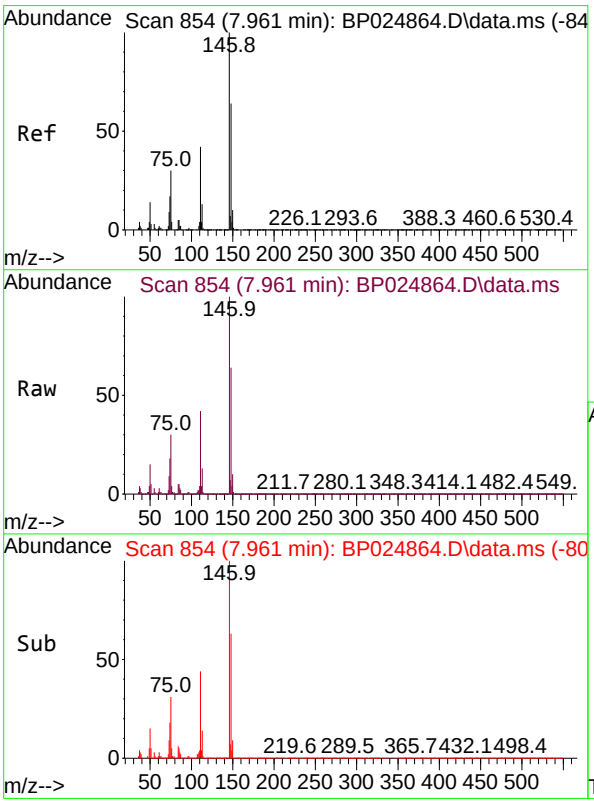
#13
1,4-Dichlorobenzene
Concen: 37.635 ng
RT: 7.643 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 723440

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	40.9	32.7	49.1

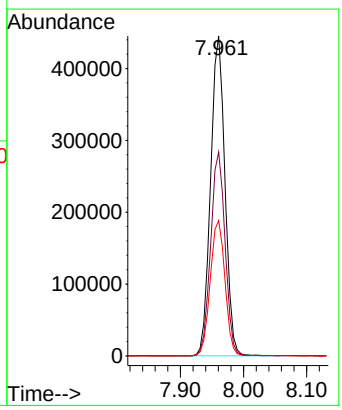


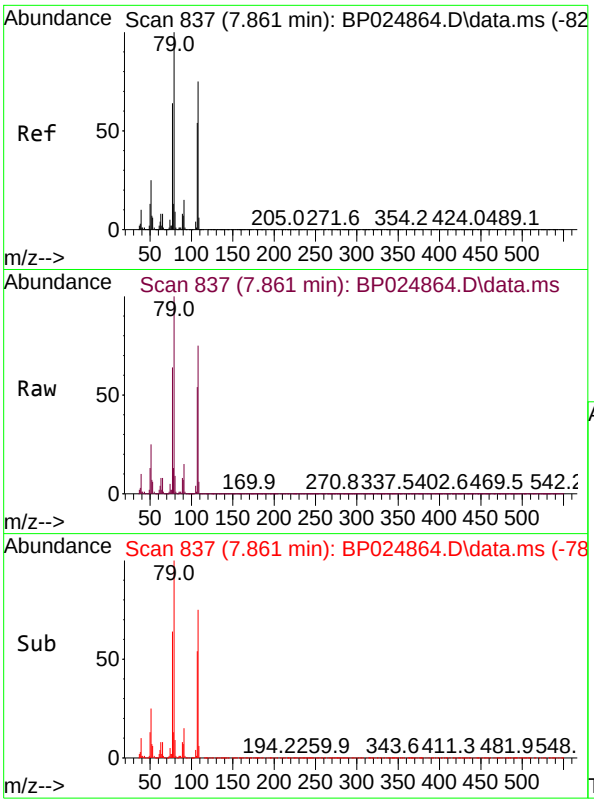


#14
1,2-Dichlorobenzene
Concen: 37.326 ng
RT: 7.961 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:146 Resp: 704548

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.3	33.8	50.8



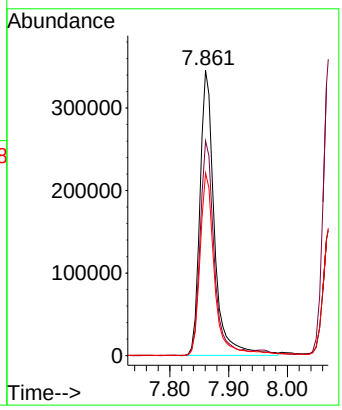


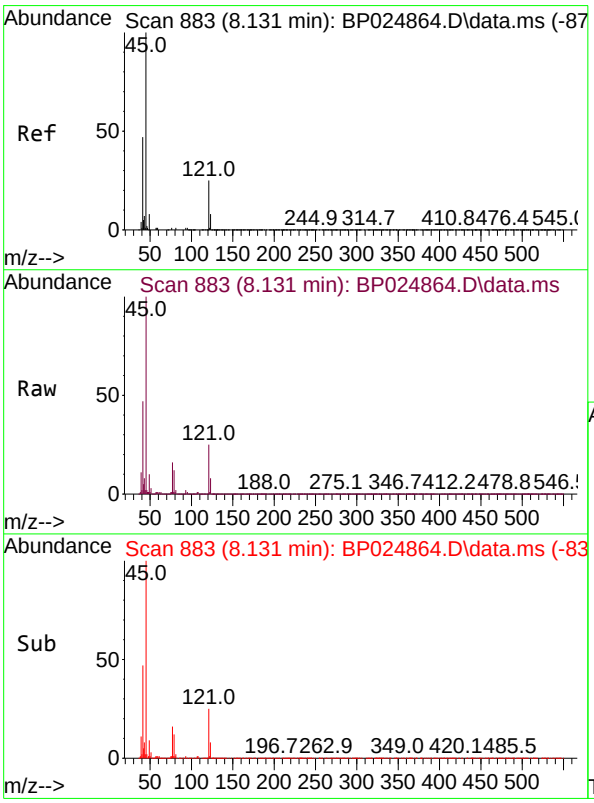
#15
Benzyl Alcohol
Concen: 38.458 ng
RT: 7.861 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 588293

Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.2	90.4
77	64.0	51.2	76.8

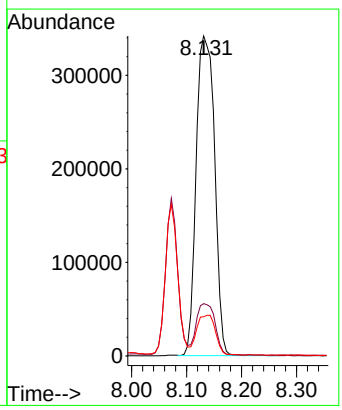


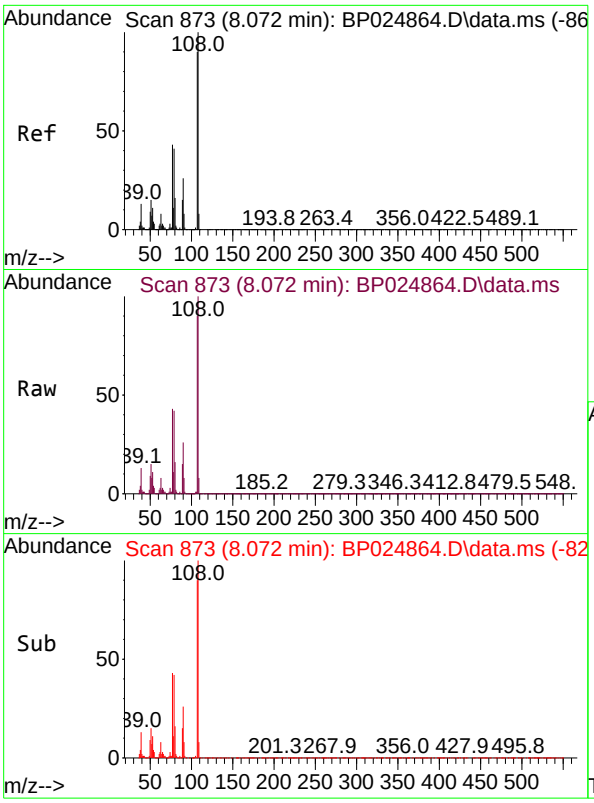


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.629 ng
RT: 8.131 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 45 Resp: 795933

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.3
79	12.2	0.0	32.2



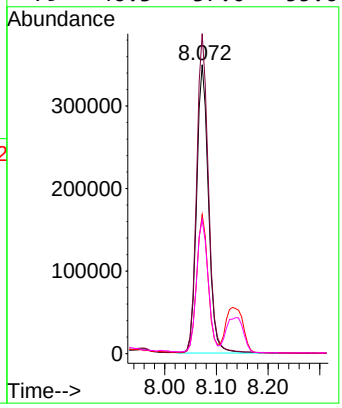


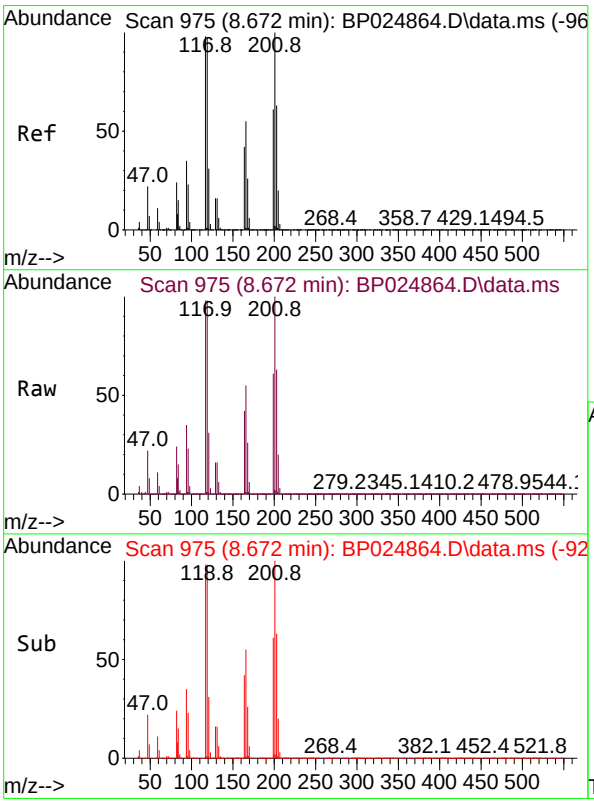
#17
2-Methylphenol
Concen: 38.764 ng
RT: 8.072 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 556193

Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.6	132.8
77	48.1	38.5	57.7
79	46.3	37.0	55.6

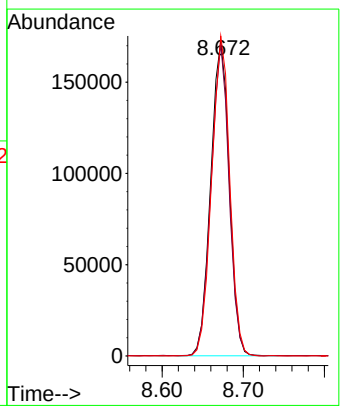


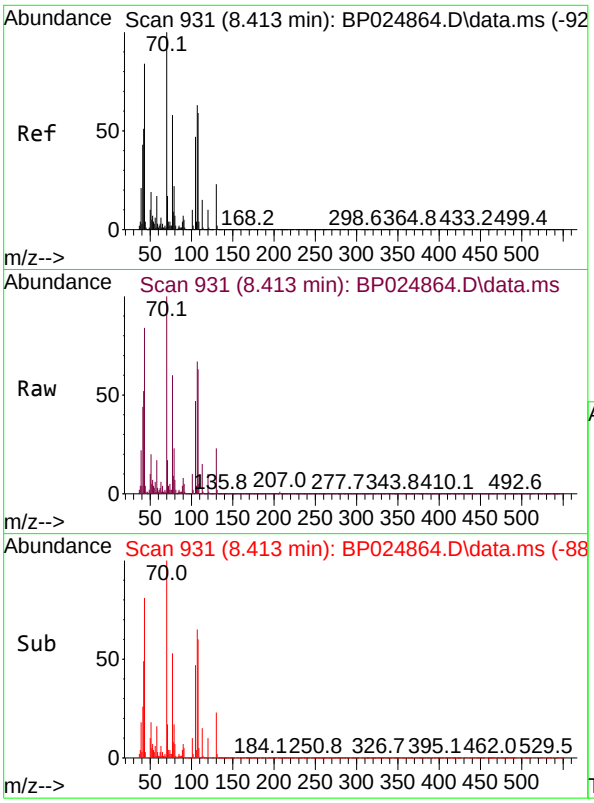


#18
Hexachloroethane
Concen: 37.878 ng
RT: 8.672 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:117 Resp: 274123

Ion	Ratio	Lower	Upper
117	100		
119	99.3	79.4	119.2
201	101.8	81.4	122.2



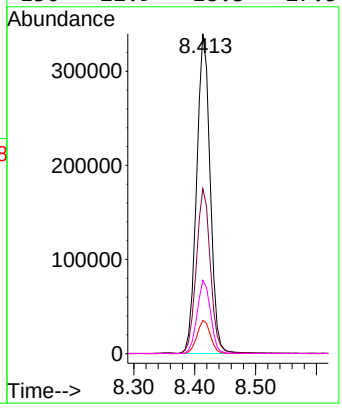


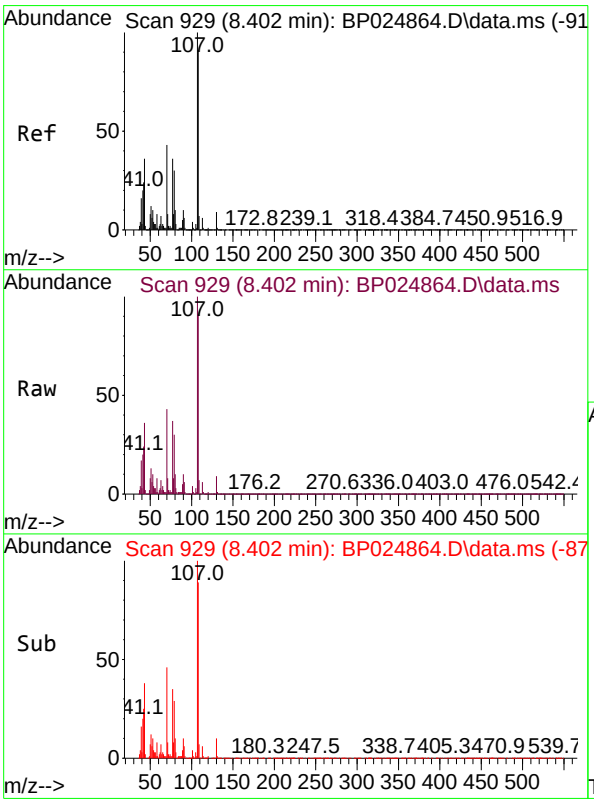
#19
n-Nitroso-di-n-propylamine
Concen: 38.693 ng
RT: 8.413 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 524279

Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.2	61.8
101	10.4	8.3	12.5
130	22.9	18.3	27.5

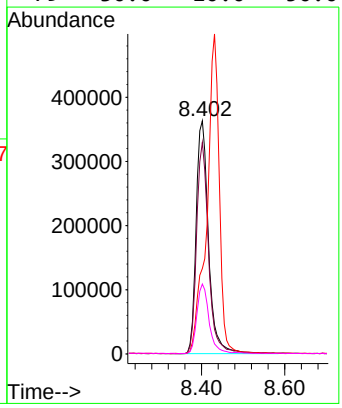


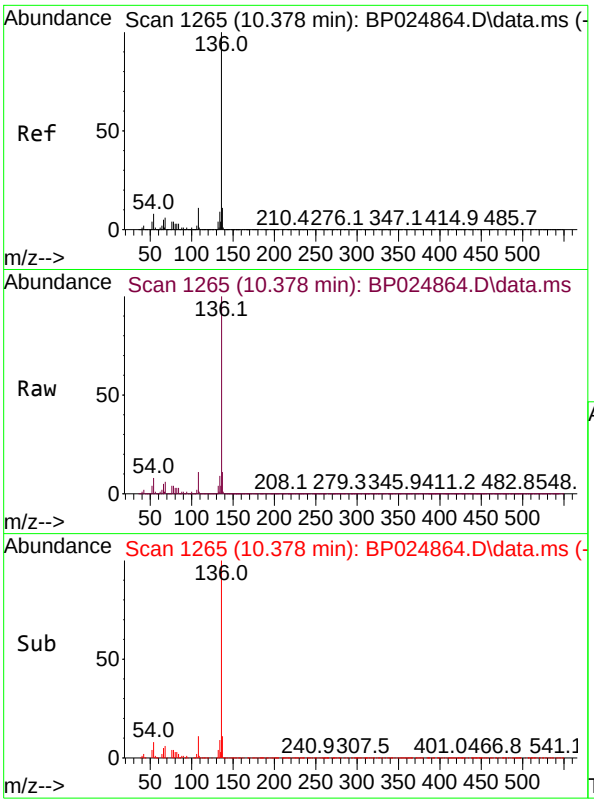


#20
3+4-Methylphenols
Concen: 38.365 ng
RT: 8.402 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:107 Resp: 751025

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.7	110.7
77	36.6	16.6	56.6
79	30.0	10.0	50.0



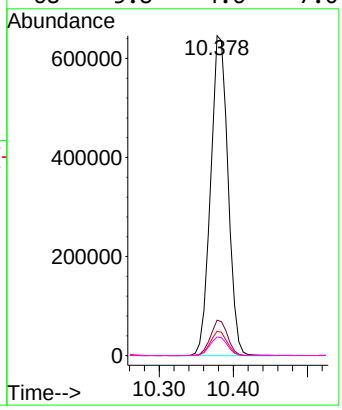


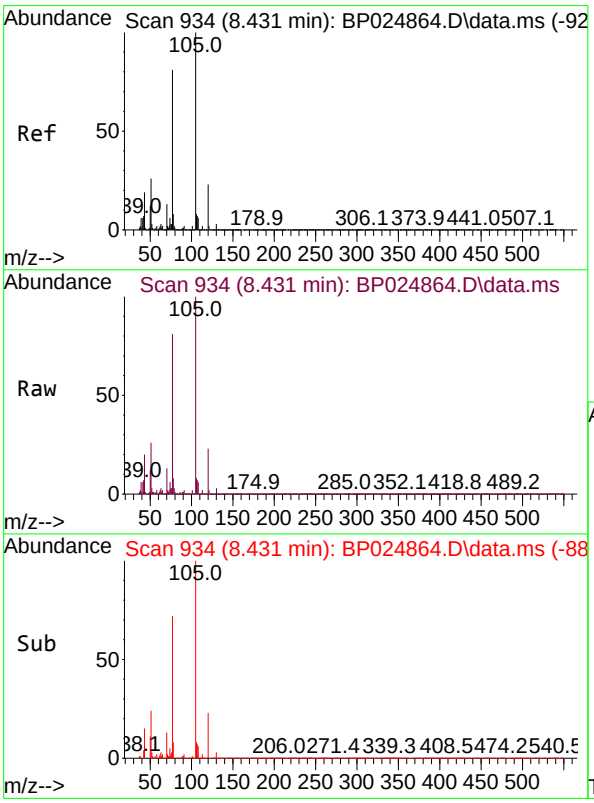
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1050030

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.1	9.1
68	5.8	4.6	7.0

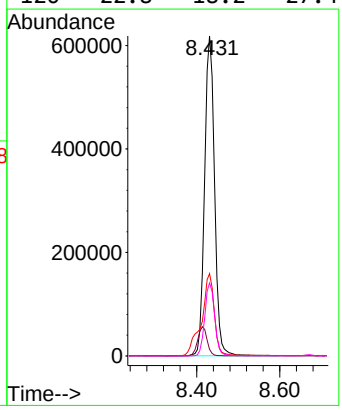


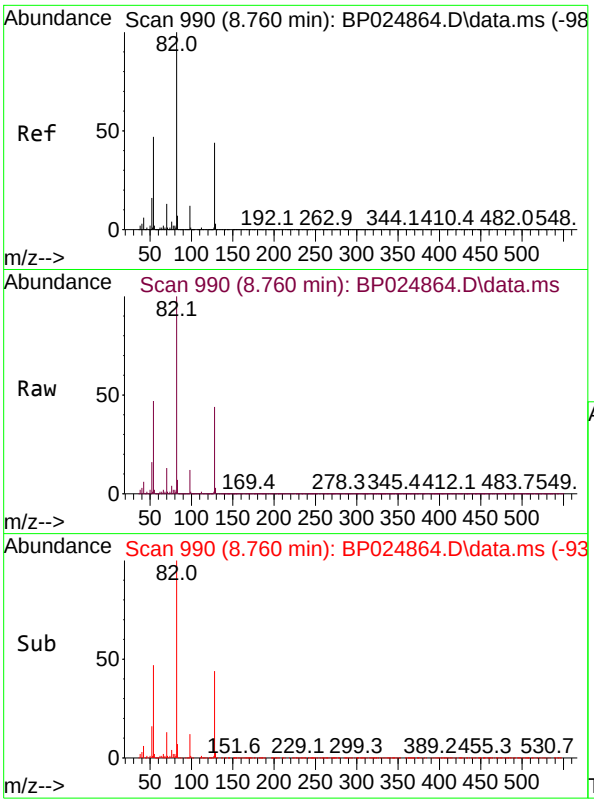


#22
Acetophenone
Concen: 38.828 ng
RT: 8.431 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:105 Resp: 1030093

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.6	2.4
51	25.8	20.6	31.0
120	22.8	18.2	27.4



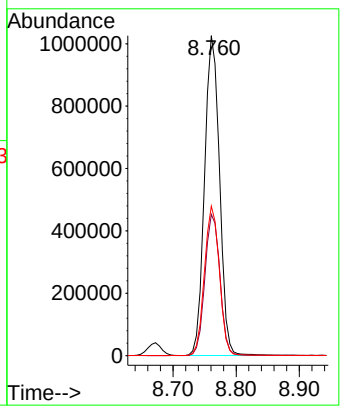


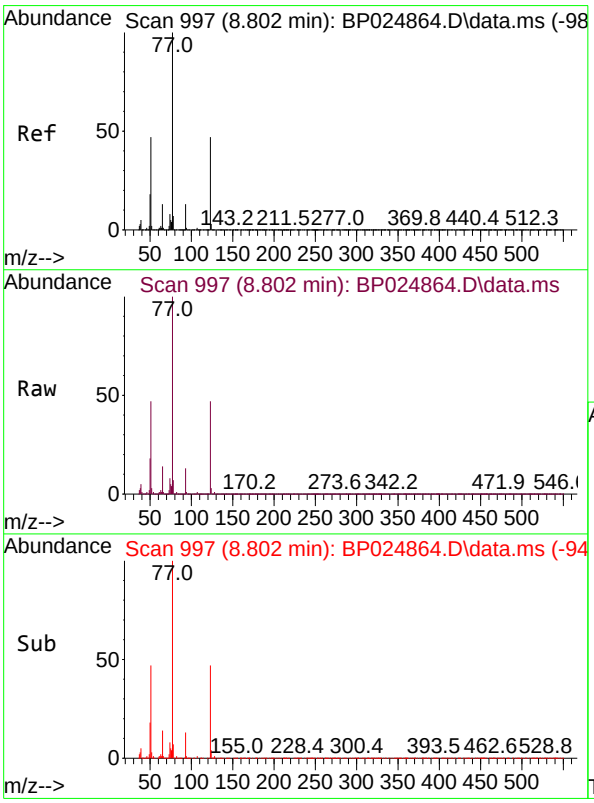
#23
Nitrobenzene-d5
Concen: 78.486 ng
RT: 8.760 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1695972

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.3	52.9
54	46.7	37.4	56.0

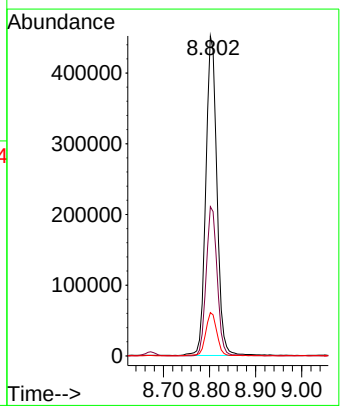


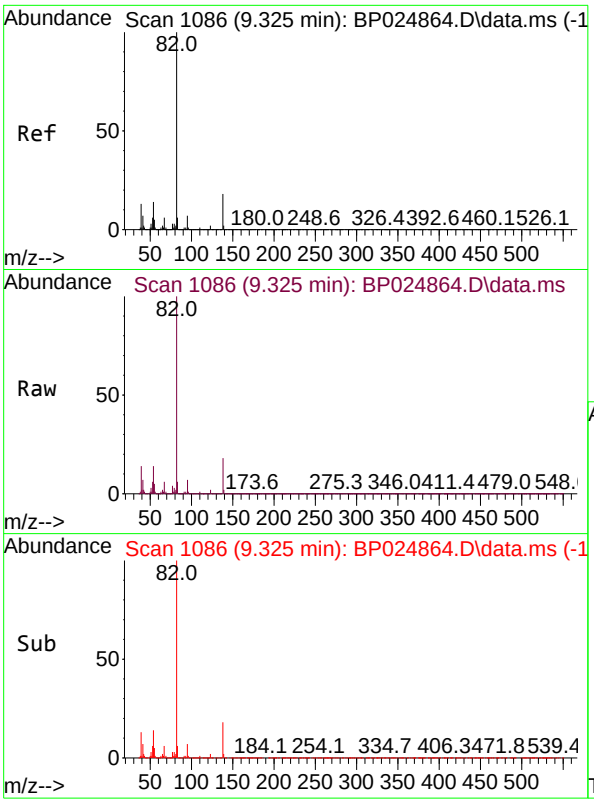


#24
Nitrobenzene
Concen: 39.362 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 77 Resp: 755619

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.3	55.9
65	13.5	10.8	16.2



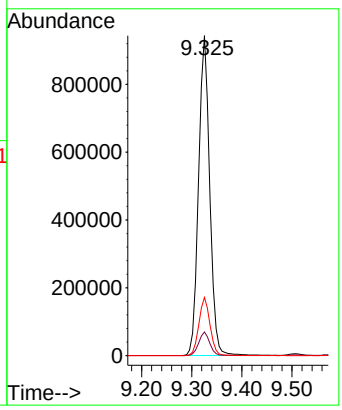


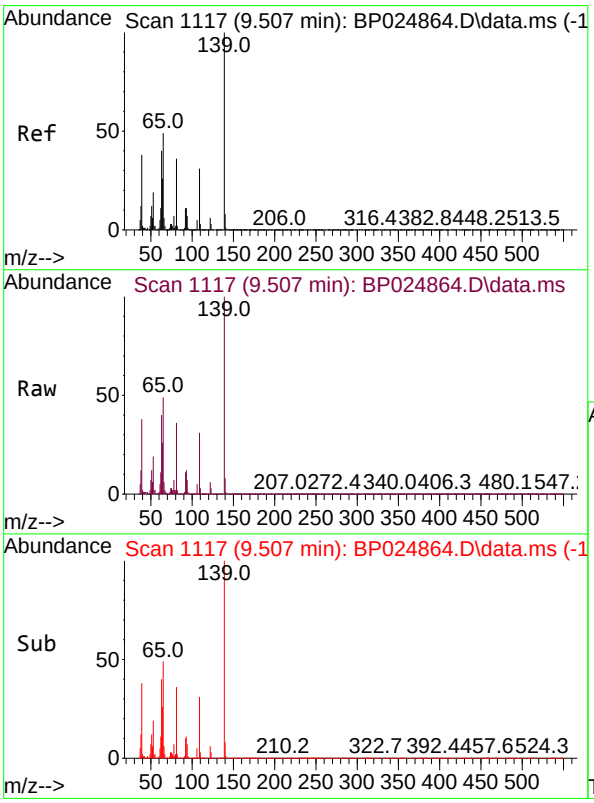
#25
Isophorone
Concen: 38.927 ng
RT: 9.325 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1457812

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	18.2	14.6	21.8

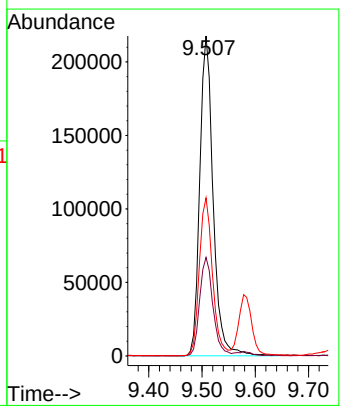


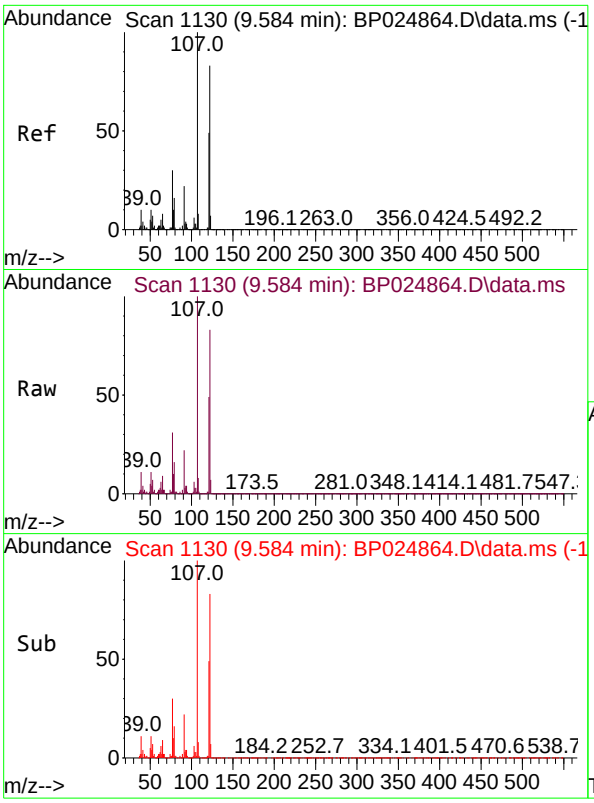


#26
2-Nitrophenol
Concen: 39.996 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:139 Resp: 378834

Ion	Ratio	Lower	Upper
139	100		
109	30.8	24.6	37.0
65	49.4	39.5	59.3



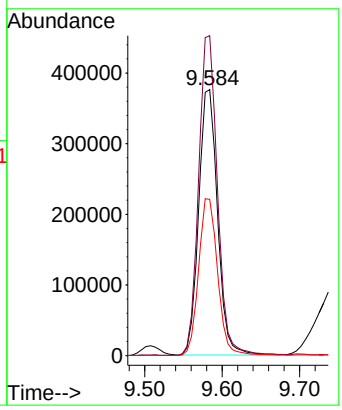


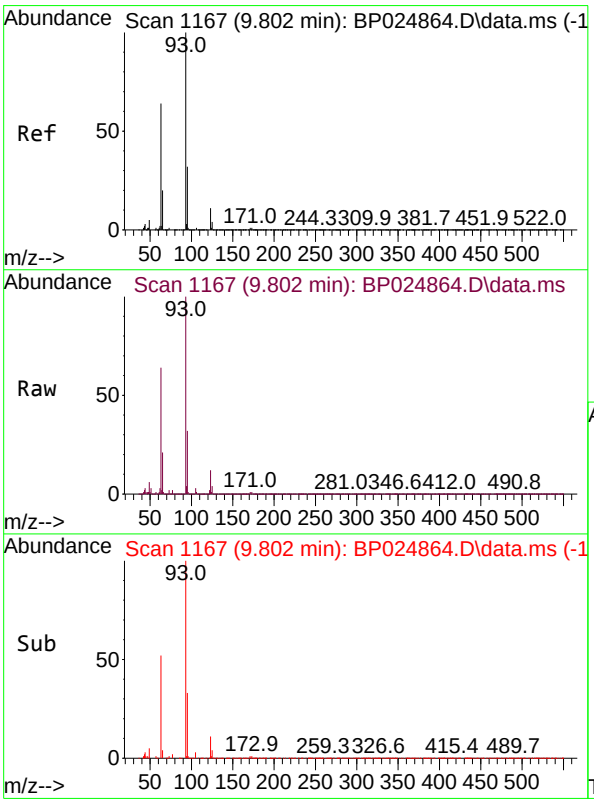
#27
2,4-Dimethylphenol
Concen: 39.219 ng
RT: 9.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 635763

Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.4
121	58.7	47.0	70.4

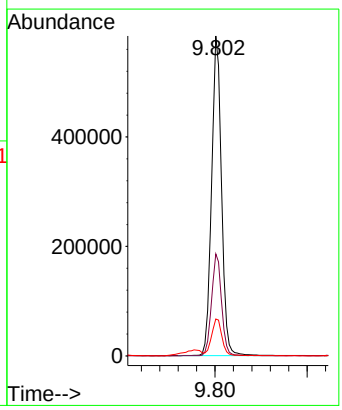


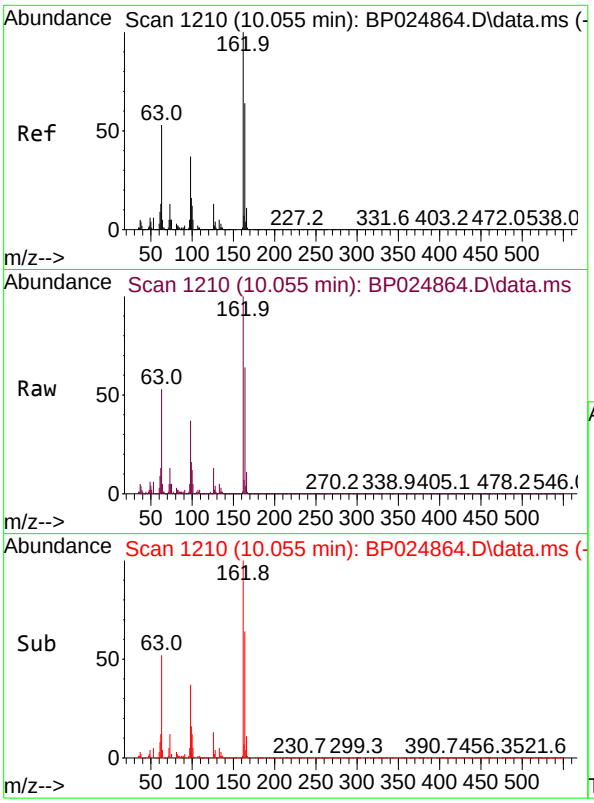


#28
bis(2-Chloroethoxy)methane
Concen: 38.880 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 93 Resp: 868569

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	11.5	9.2	13.8



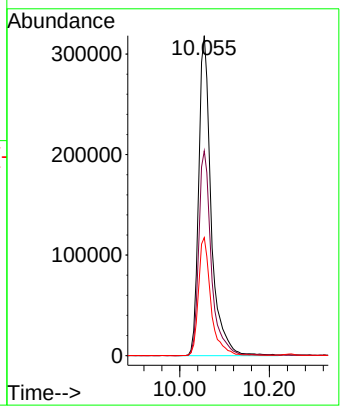


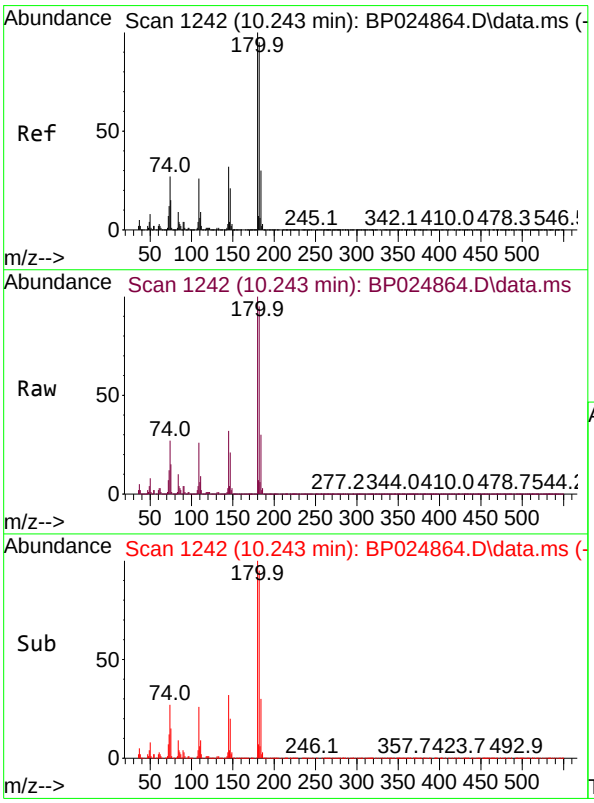
#29
2,4-Dichlorophenol
Concen: 39.412 ng
RT: 10.055 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 613013

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	36.9	16.9	56.9

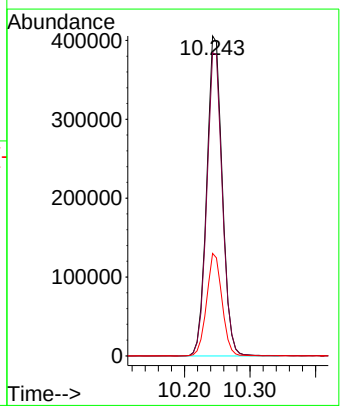


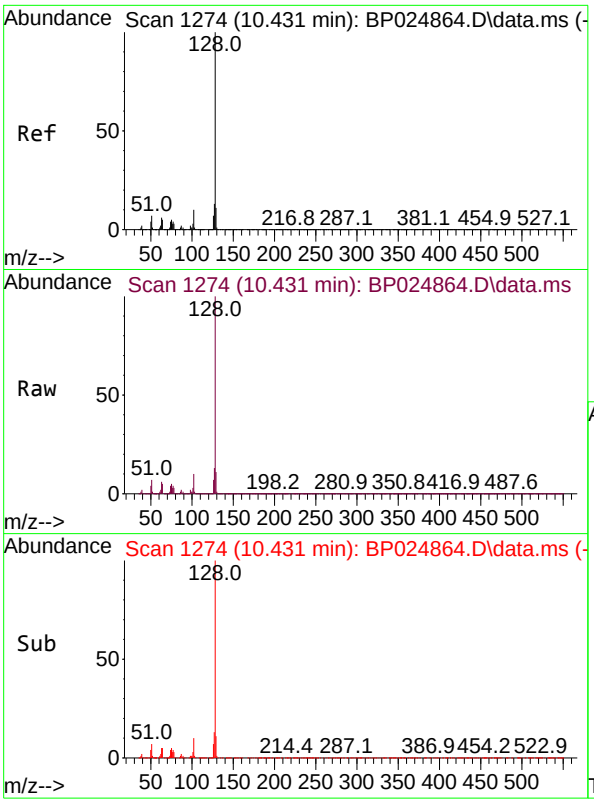


#30
1,2,4-Trichlorobenzene
Concen: 37.930 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:180 Resp: 665418

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	32.1	25.7	38.5



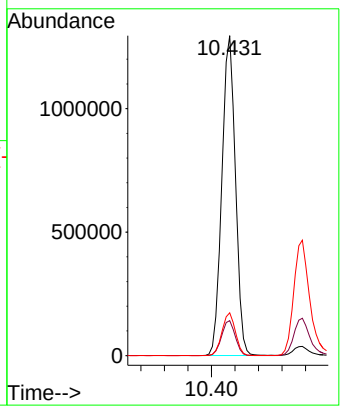


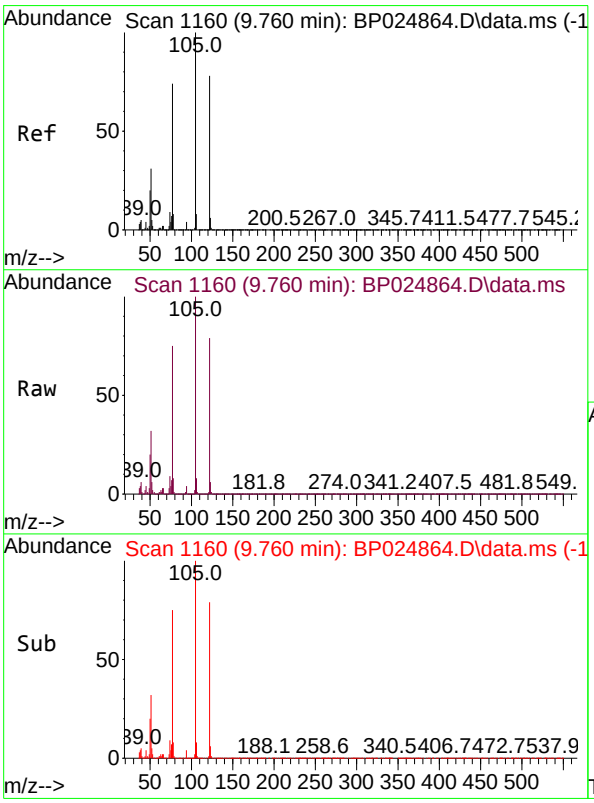
#31
Naphthalene
Concen: 38.617 ng
RT: 10.431 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2077988

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.4	10.7	16.1

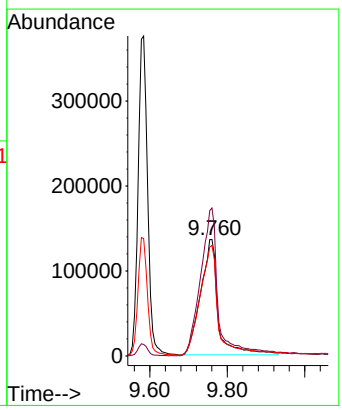


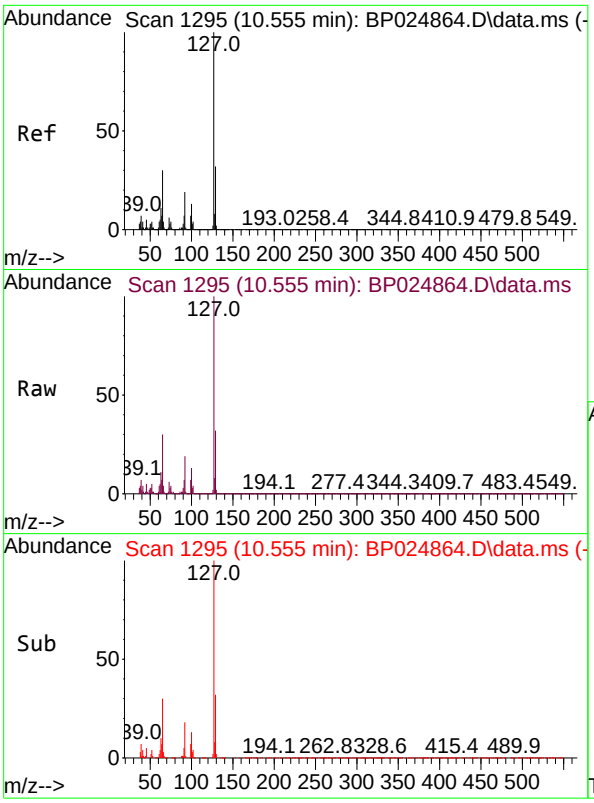


#32
Benzoic acid
Concen: 39.629 ng
RT: 9.760 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:122 Resp: 428303

Ion	Ratio	Lower	Upper
122	100		
105	127.1	107.1	147.1
77	95.1	75.1	115.1



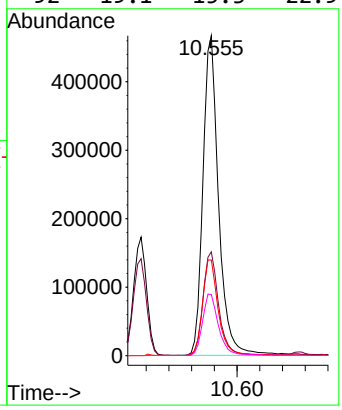


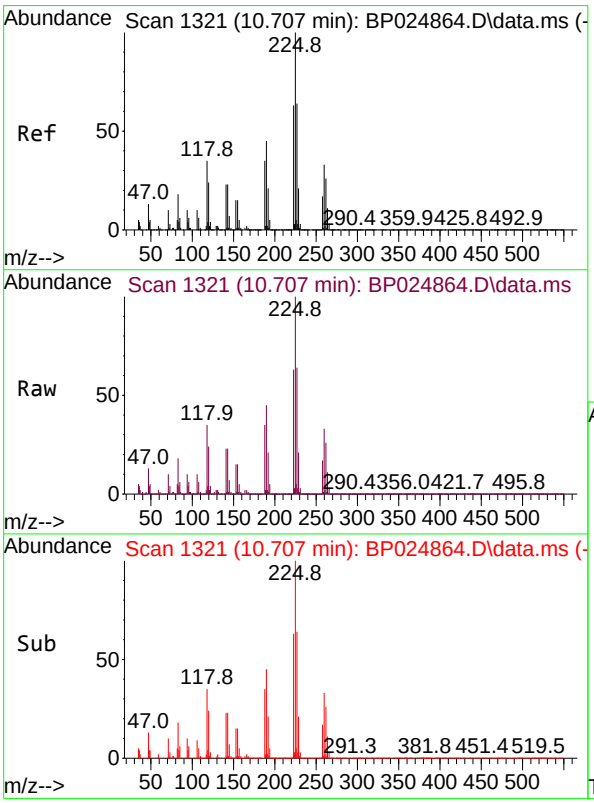
#33
4-Chloroaniline
Concen: 39.641 ng
RT: 10.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 893683

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.9	23.9	35.9
92	19.1	15.3	22.9

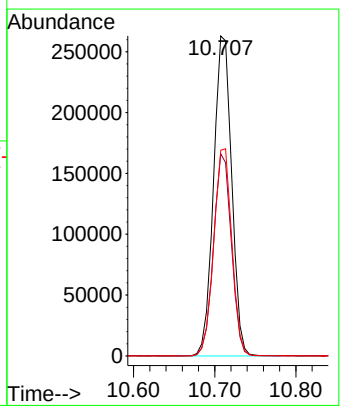


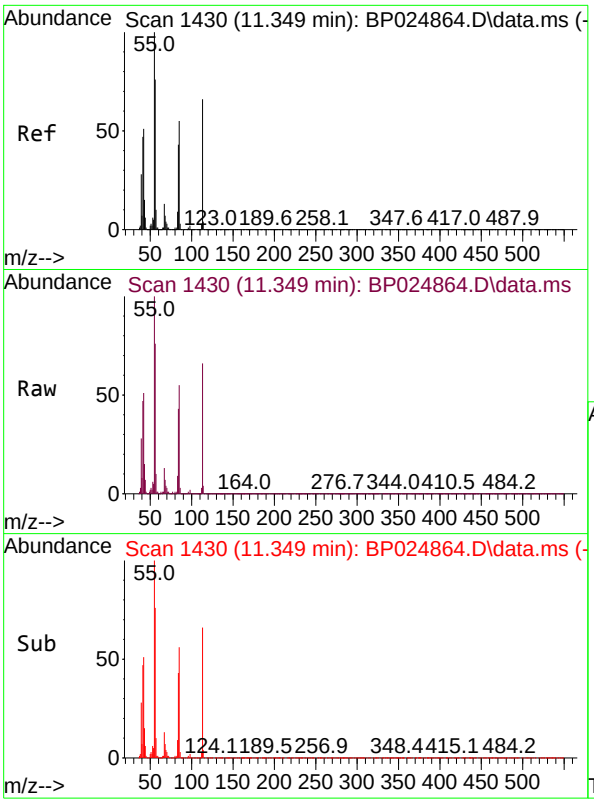


#34
Hexachlorobutadiene
Concen: 38.500 ng
RT: 10.707 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:225 Resp: 407084

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	64.3	51.4	77.2



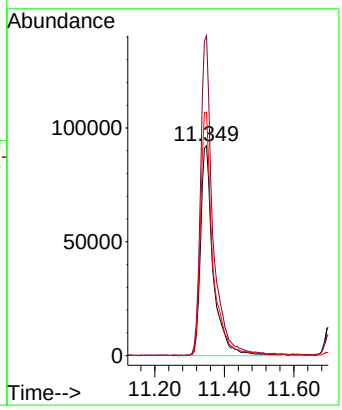


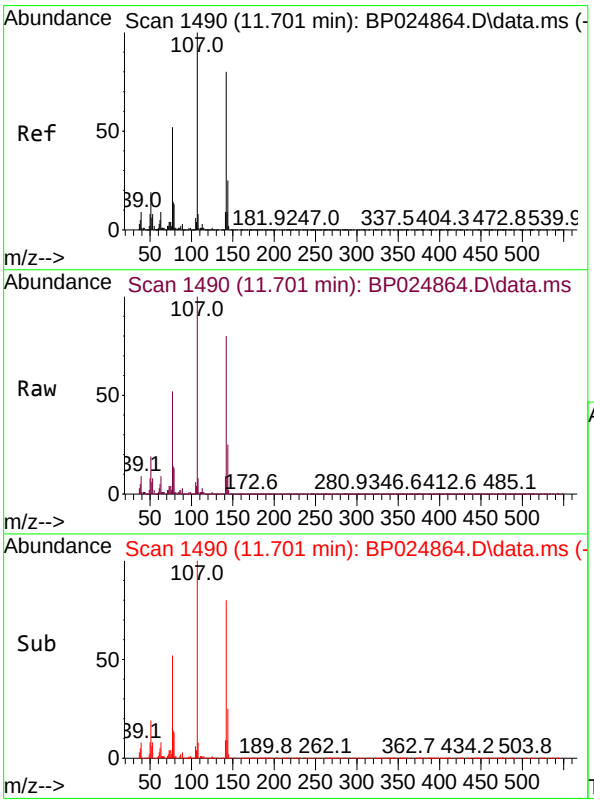
#35
Caprolactam
Concen: 40.293 ng
RT: 11.349 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 230696

Ion	Ratio	Lower	Upper
113	100		
55	152.5	132.5	172.5
56	116.0	96.0	136.0

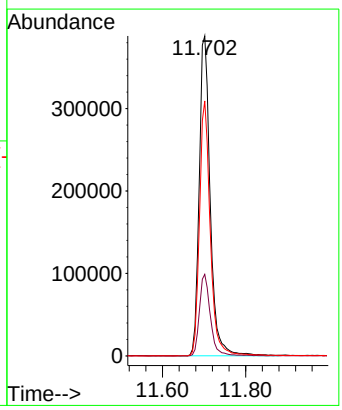


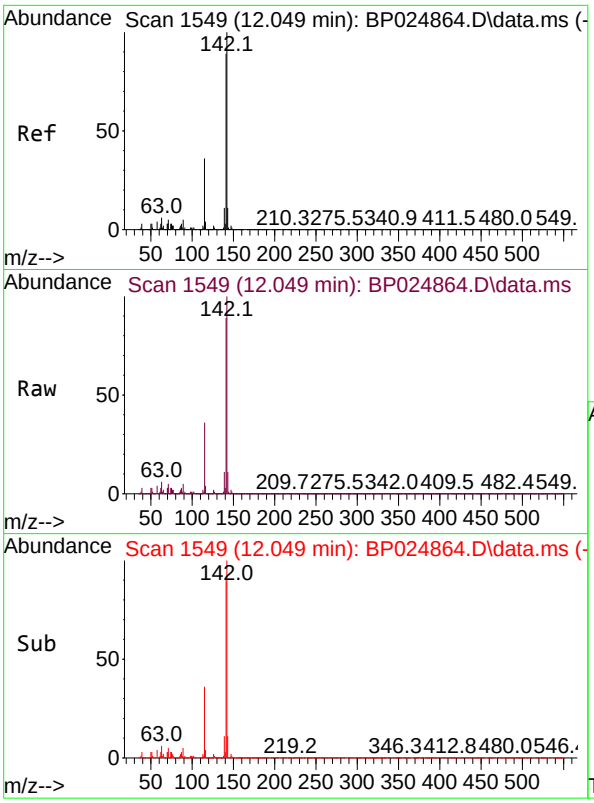


#36
4-Chloro-3-methylphenol
Concen: 39.885 ng
RT: 11.701 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:107 Resp: 715549

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.7	63.8	95.6



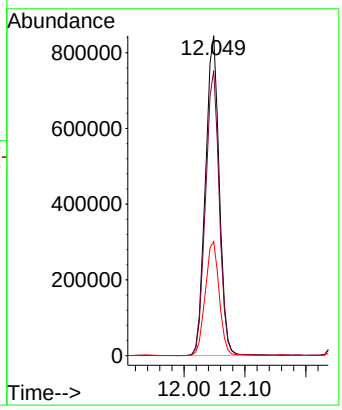


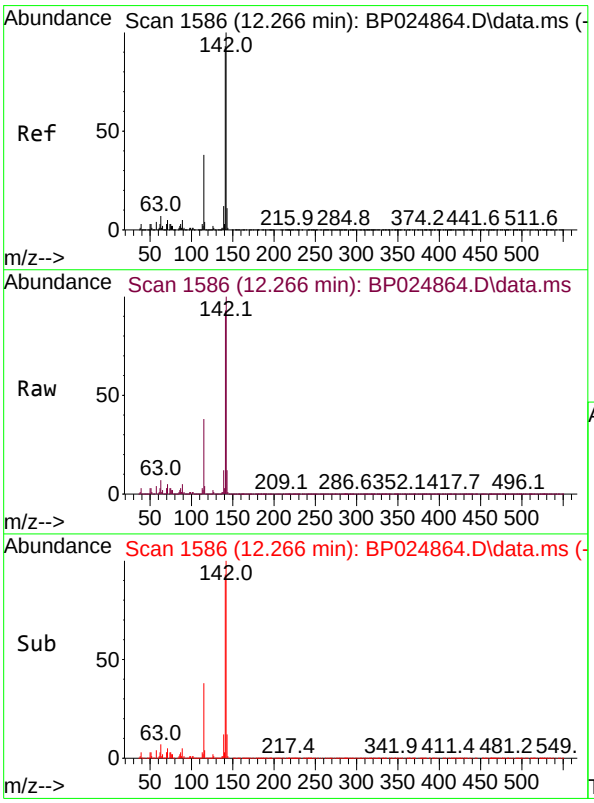
#37
2-Methylnaphthalene
Concen: 38.973 ng
RT: 12.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1330251

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	35.6	28.5	42.7

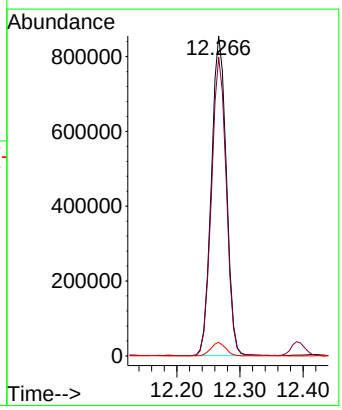


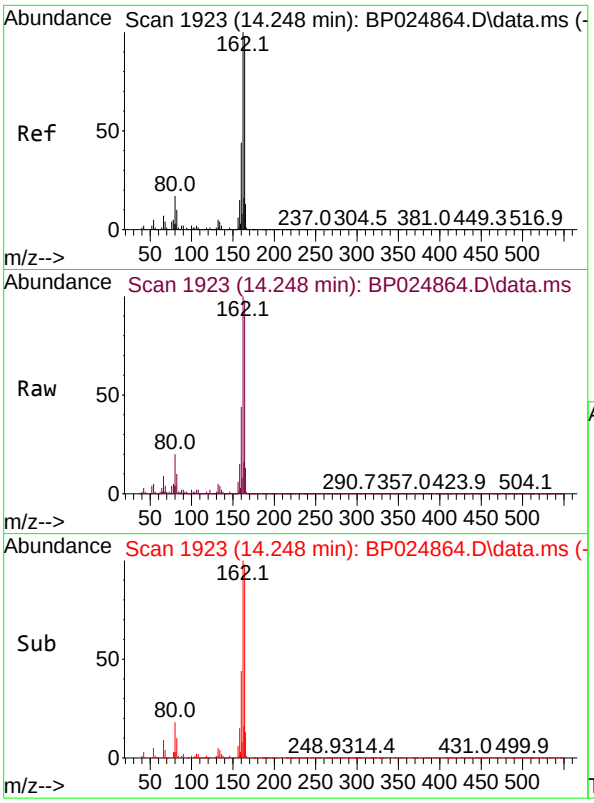


#38
1-Methylnaphthalene
Concen: 38.606 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:142 Resp: 1408803

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.2	3.4	5.0



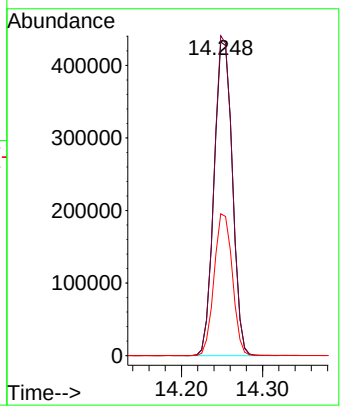


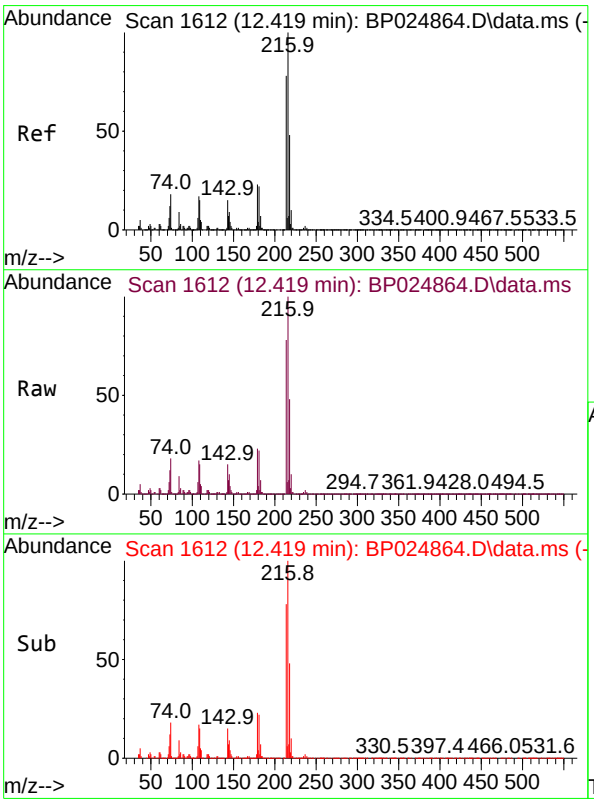
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 679122

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	45.2	36.2	54.2

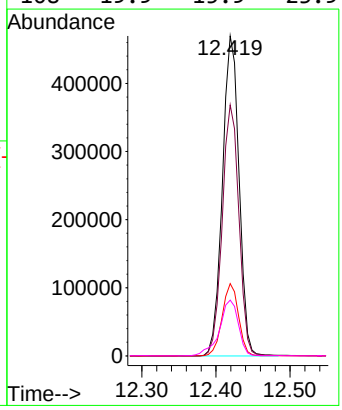


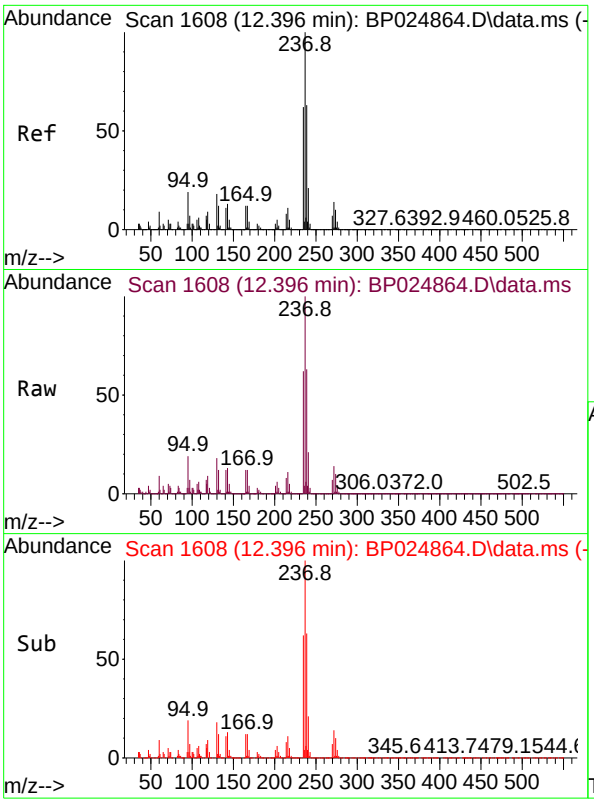


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.947 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:216 Resp: 731245

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.2	17.8	26.6
108	19.9	15.9	23.9



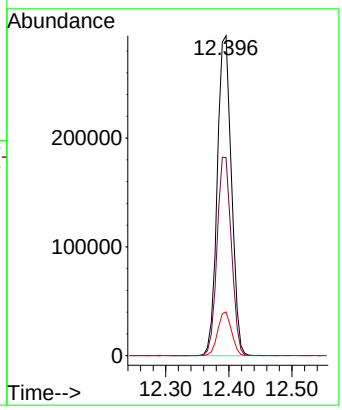


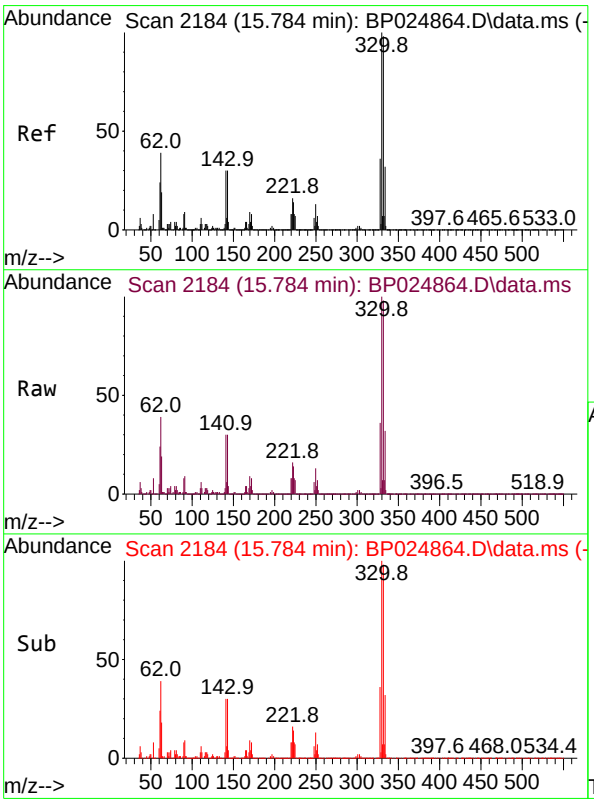
#41
Hexachlorocyclopentadiene
Concen: 38.901 ng
RT: 12.396 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 457226

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.9	81.9
272	13.7	0.0	33.7

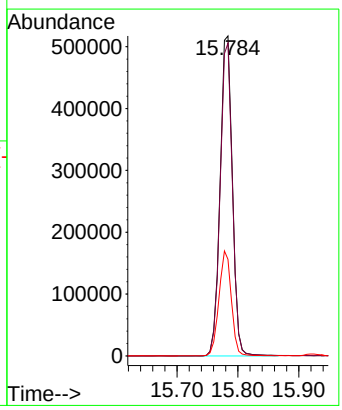


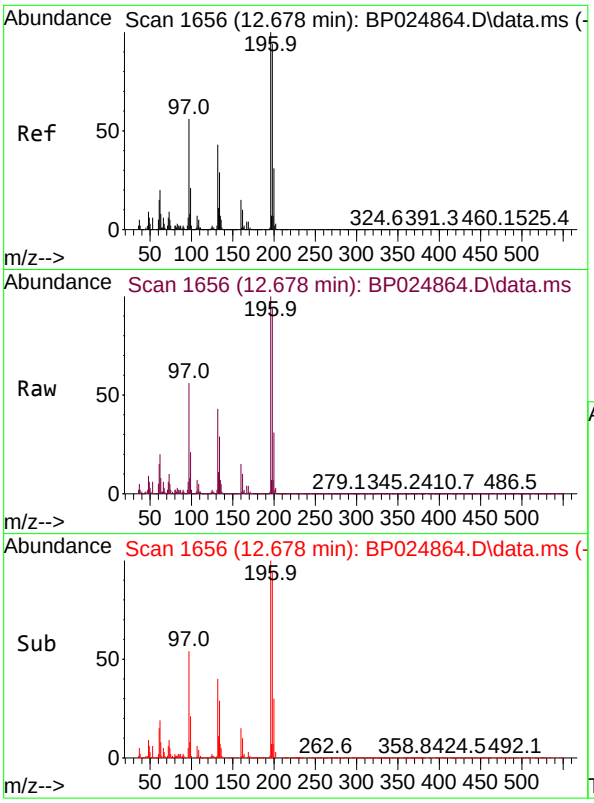


#42
2,4,6-Tribromophenol
Concen: 77.359 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:330 Resp: 726339

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	33.0	26.4	39.6



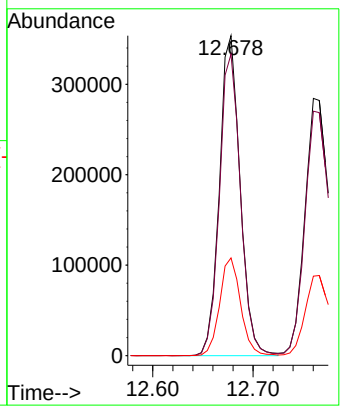


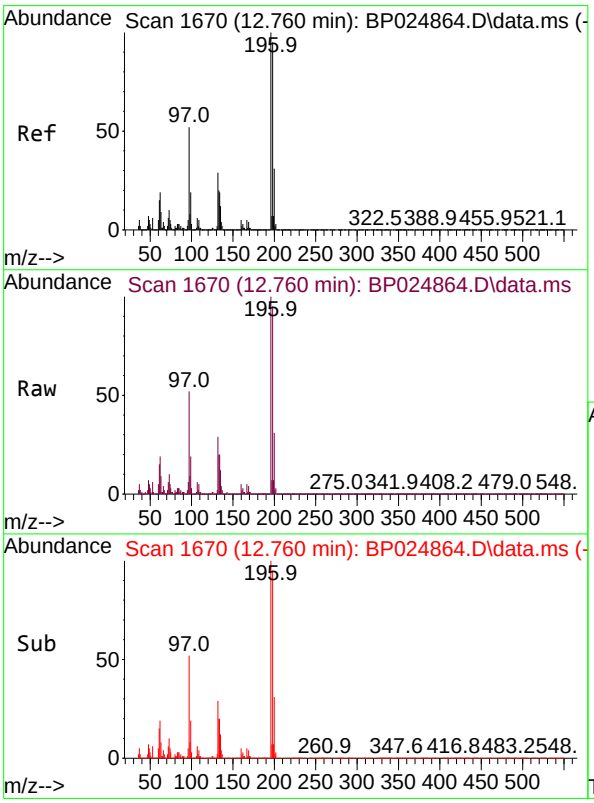
#43
2,4,6-Trichlorophenol
Concen: 39.371 ng
RT: 12.678 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 509510

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
200	30.5	24.4	36.6

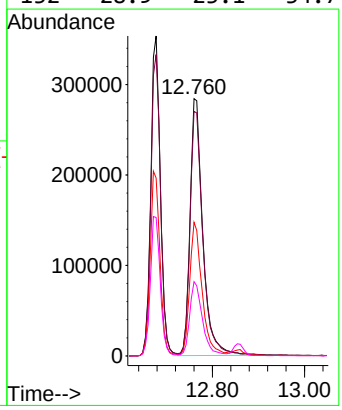


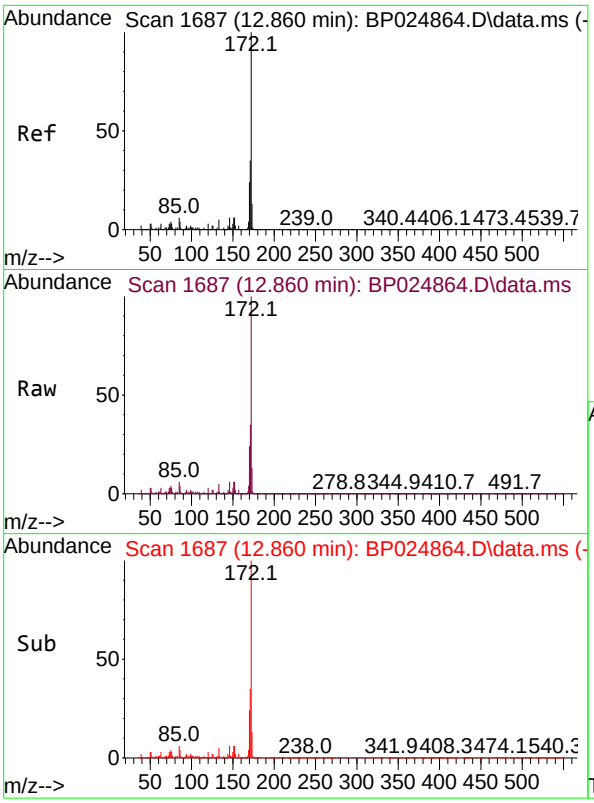


#44
2,4,5-Trichlorophenol
Concen: 39.715 ng
RT: 12.760 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:196 Resp: 550432

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.0	114.0
97	51.9	41.5	62.3
132	28.9	23.1	34.7



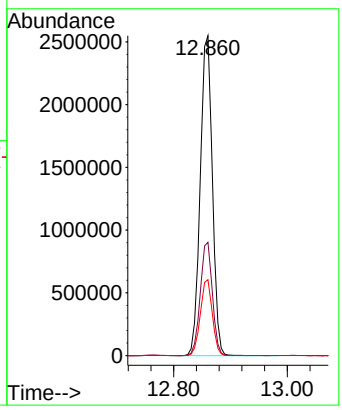


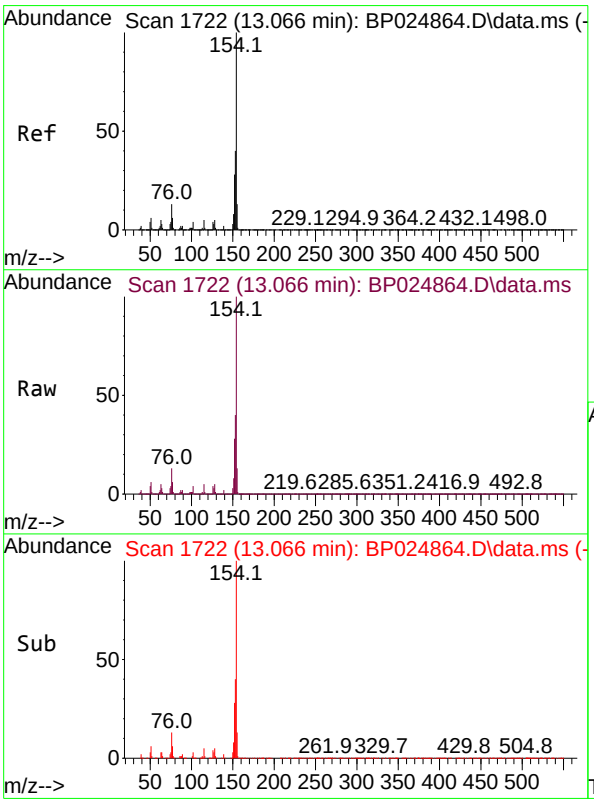
#45
2-Fluorobiphenyl
Concen: 74.904 ng
RT: 12.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 3776115

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.7	19.0	28.4

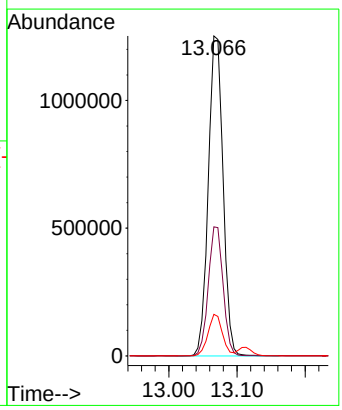


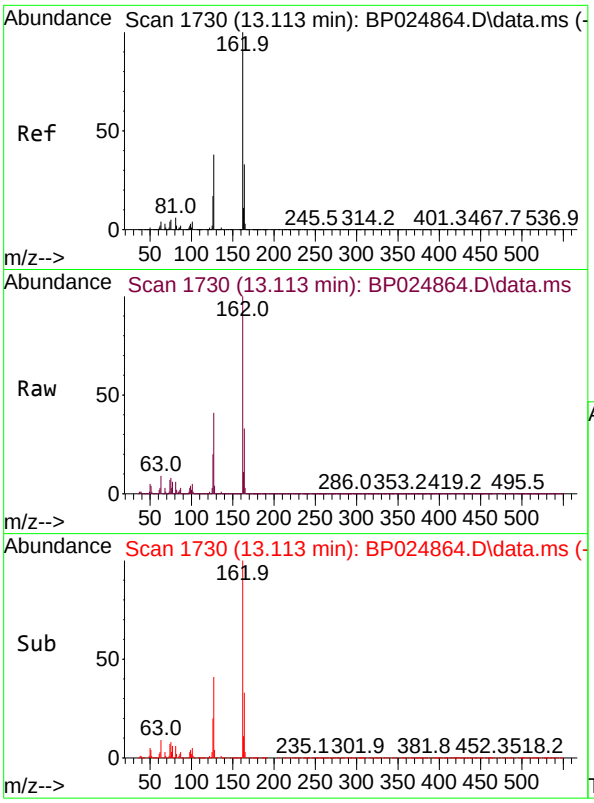


#46
1,1'-Biphenyl
Concen: 38.137 ng
RT: 13.066 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:154 Resp: 1882196

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.0	0.0	33.0



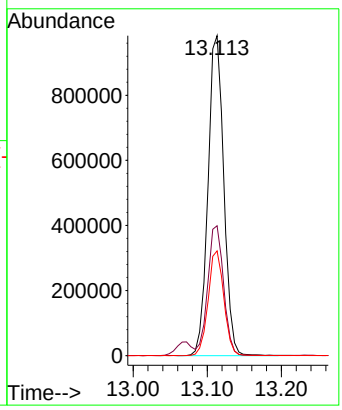


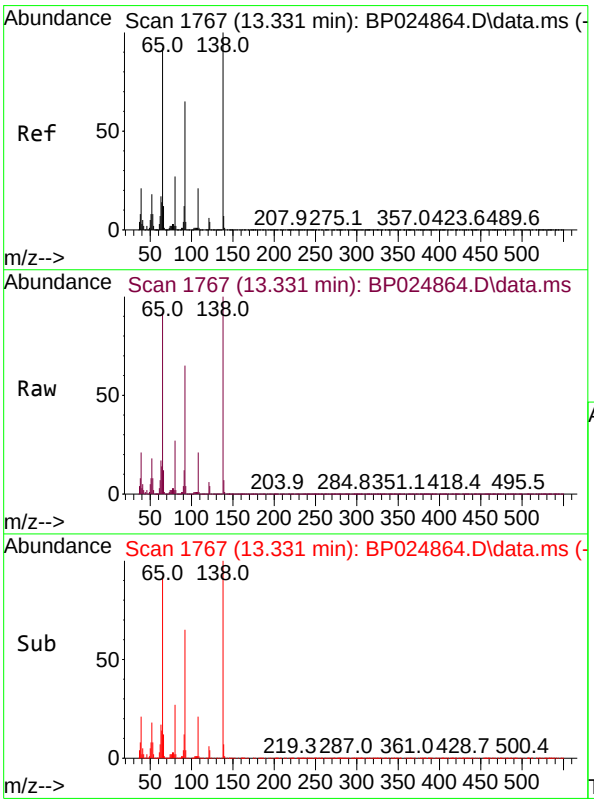
#47
2-Chloronaphthalene
Concen: 38.270 ng
RT: 13.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1451679

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.5	48.7
164	32.7	26.2	39.2

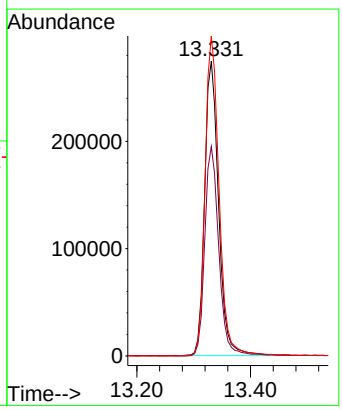


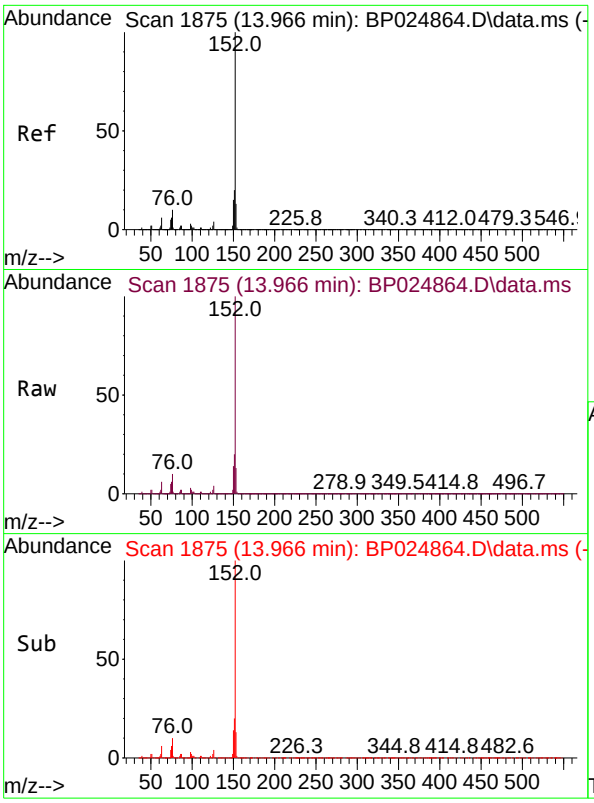


#48
2-Nitroaniline
Concen: 40.328 ng
RT: 13.331 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 65 Resp: 470289

Ion	Ratio	Lower	Upper
65	100		
92	71.0	56.8	85.2
138	108.6	86.9	130.3



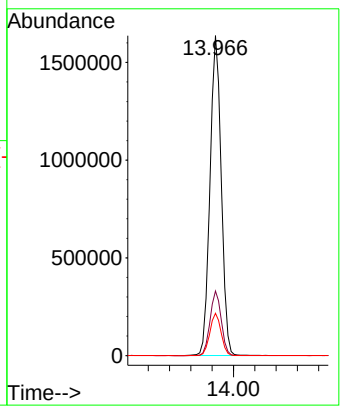


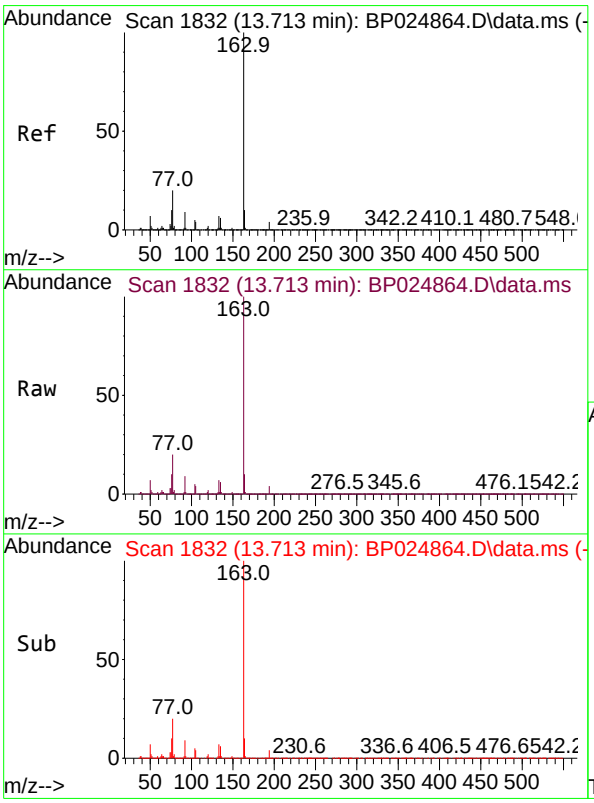
#49
Acenaphthylene
Concen: 37.959 ng
RT: 13.966 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2400804

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

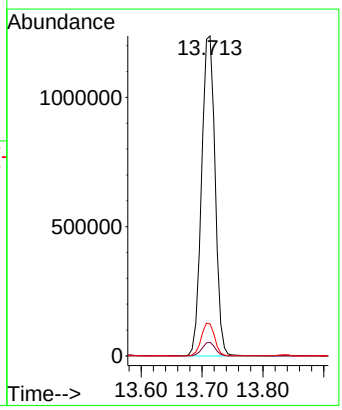


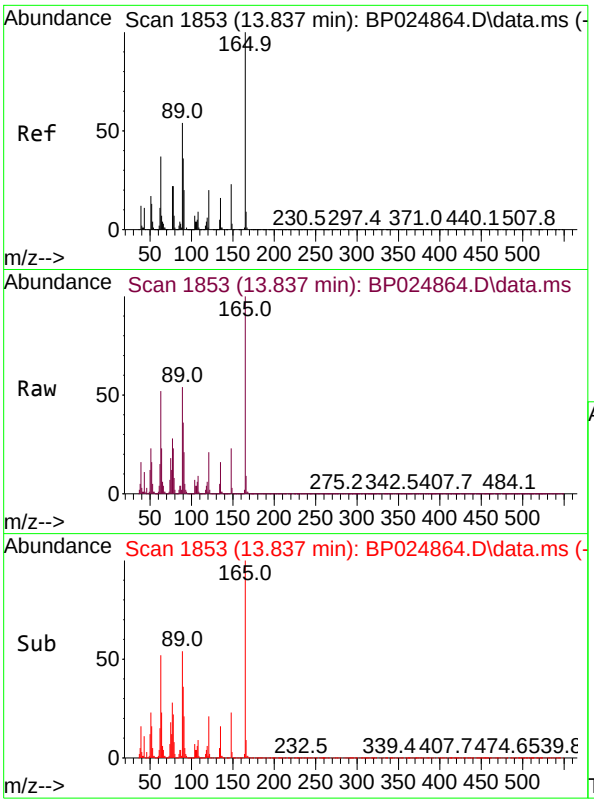


#50
Dimethylphthalate
Concen: 37.969 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:163 Resp: 1902136

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0



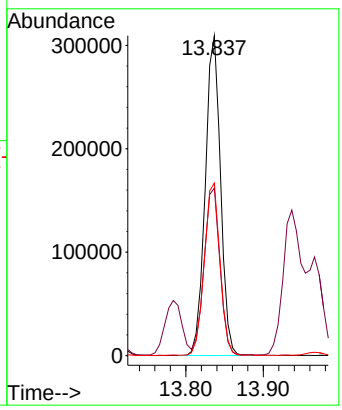


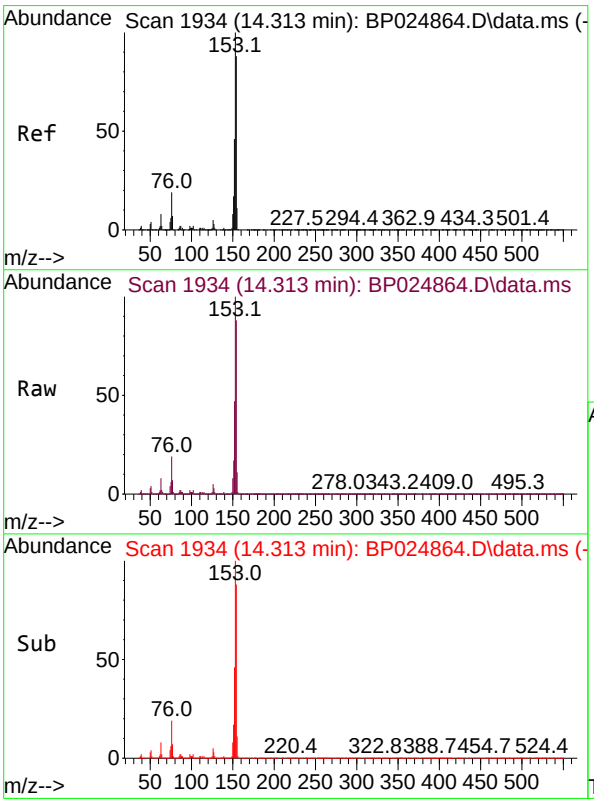
#51
2,6-Dinitrotoluene
Concen: 39.280 ng
RT: 13.837 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 424228

Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	53.9	43.1	64.7

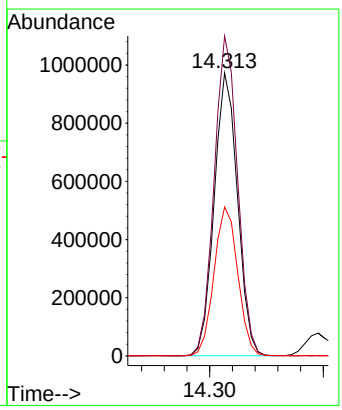


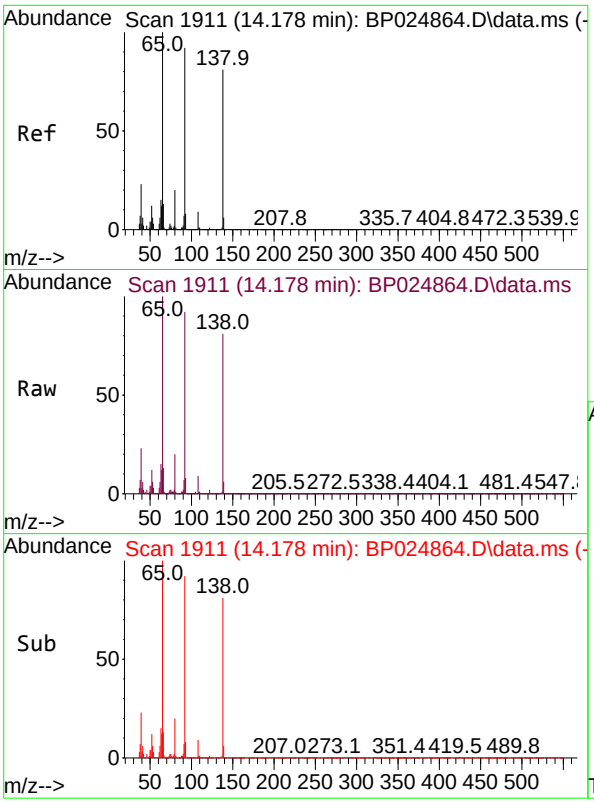


#52
Acenaphthene
Concen: 38.243 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:154 Resp: 1386007

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	52.6	42.1	63.1



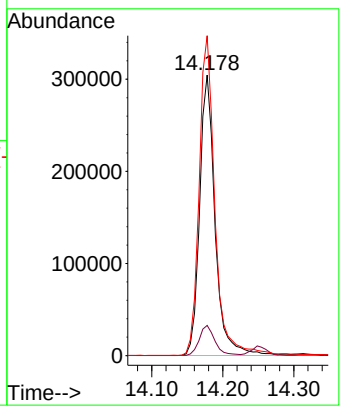


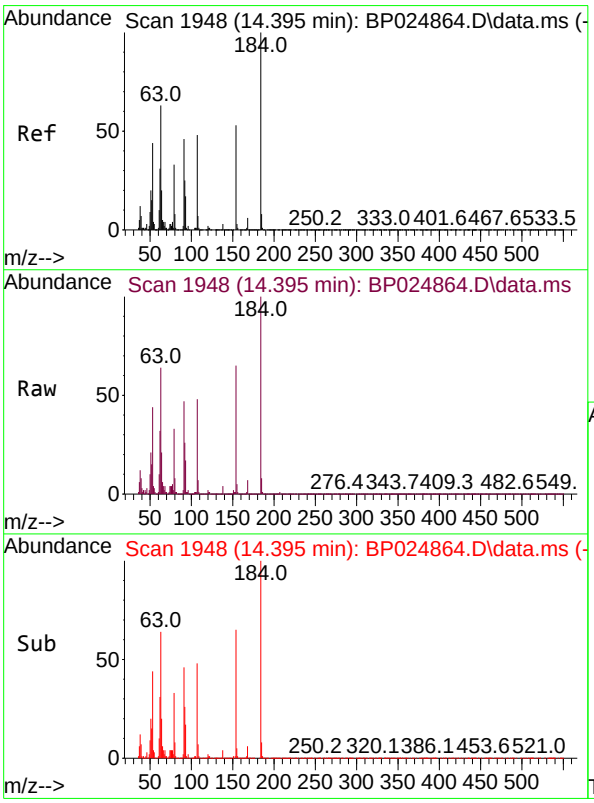
#53
3-Nitroaniline
Concen: 40.971 ng
RT: 14.178 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 459200

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	114.1	91.3	136.9

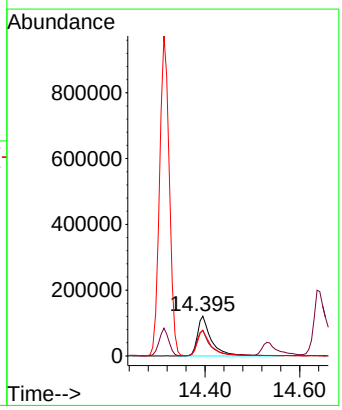


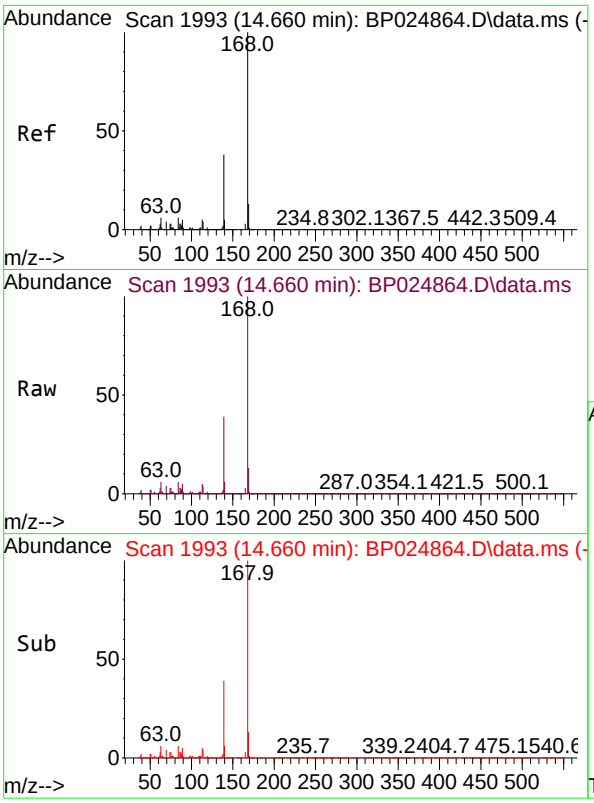


#54
2,4-Dinitrophenol
Concen: 37.658 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:184 Resp: 242575

Ion	Ratio	Lower	Upper
184	100		
63	63.7	51.0	76.4
154	64.6	51.7	77.5



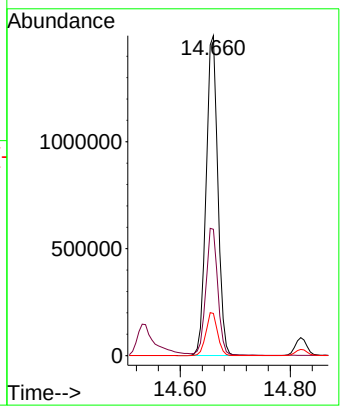


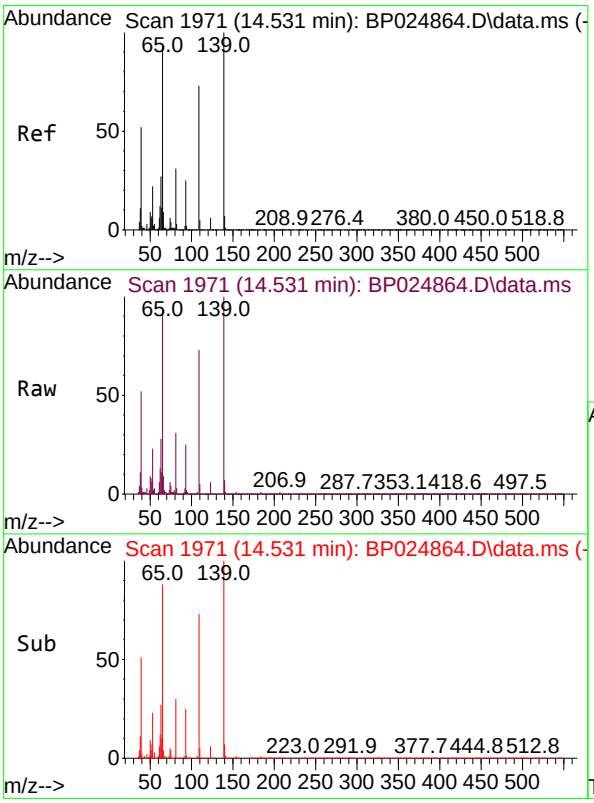
#55
Dibenzofuran
Concen: 37.980 ng
RT: 14.660 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2209494

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.6	47.4
169	13.2	10.6	15.8

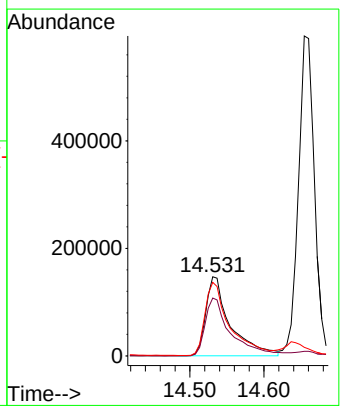


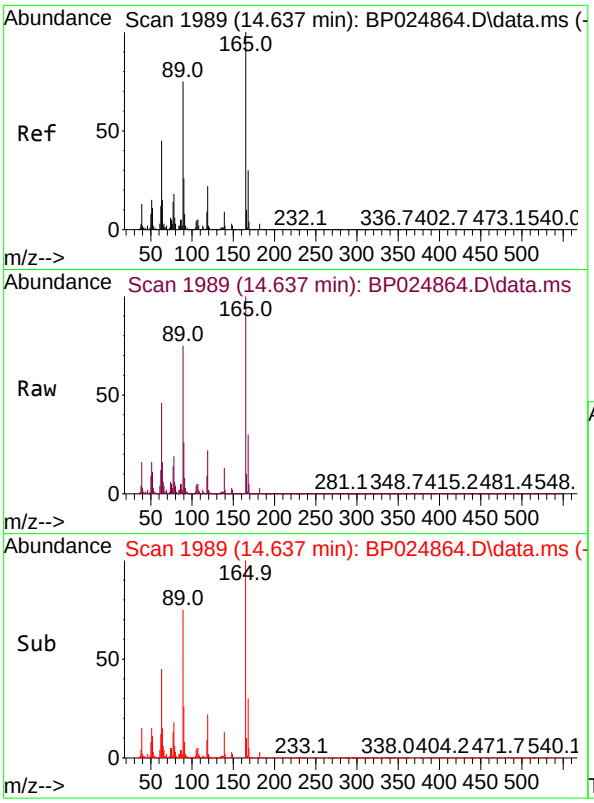


#56
4-Nitrophenol
Concen: 38.472 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:139 Resp: 336462

Ion	Ratio	Lower	Upper
139	100		
109	73.1	53.1	93.1
65	93.0	73.0	113.0



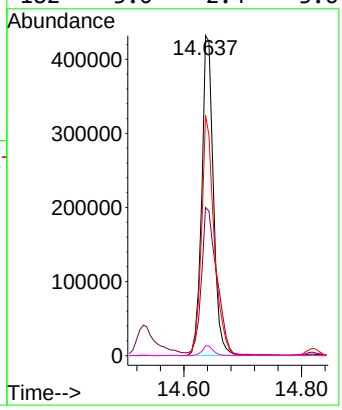


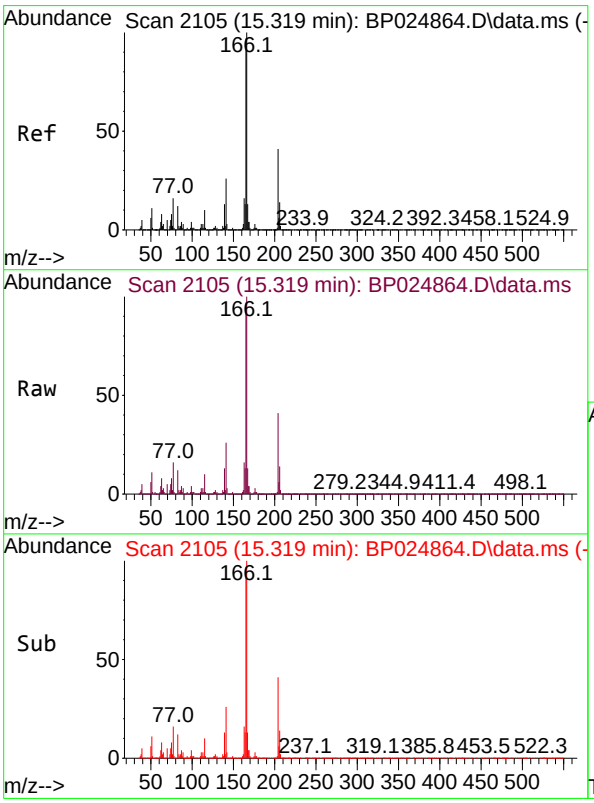
#57
2,4-Dinitrotoluene
Concen: 39.287 ng
RT: 14.637 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 593534

Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.0	55.6
89	75.1	60.1	90.1
182	3.0	2.4	3.6

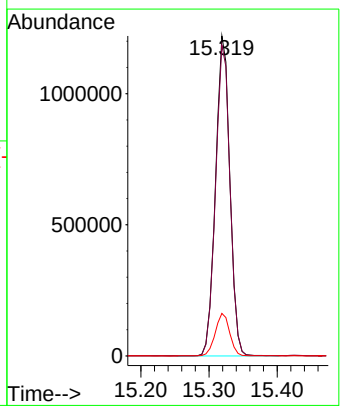


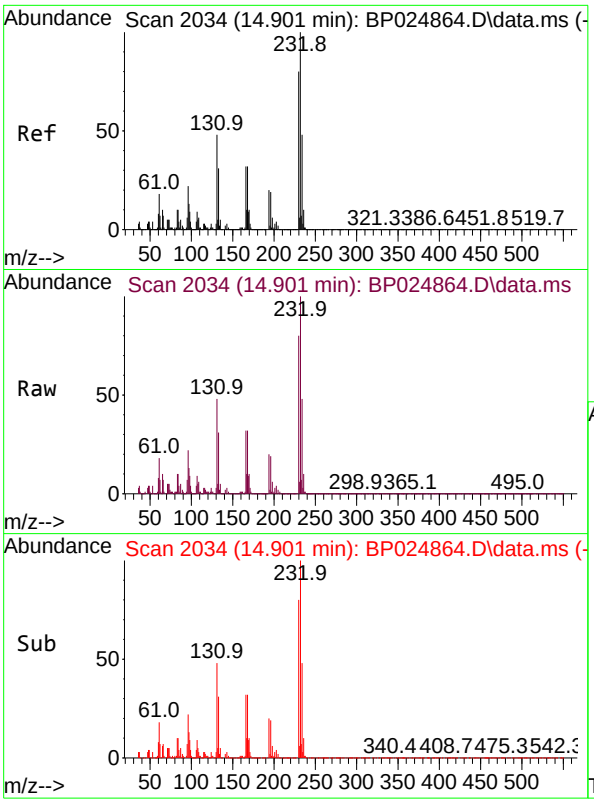


#58
Fluorene
Concen: 37.692 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:166 Resp: 1771367

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.3	10.6	16.0



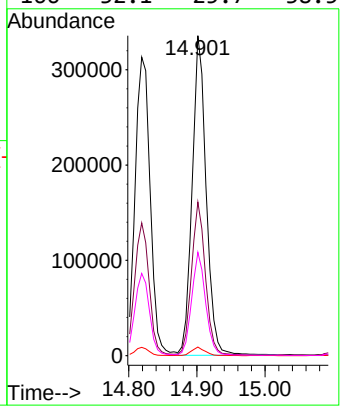


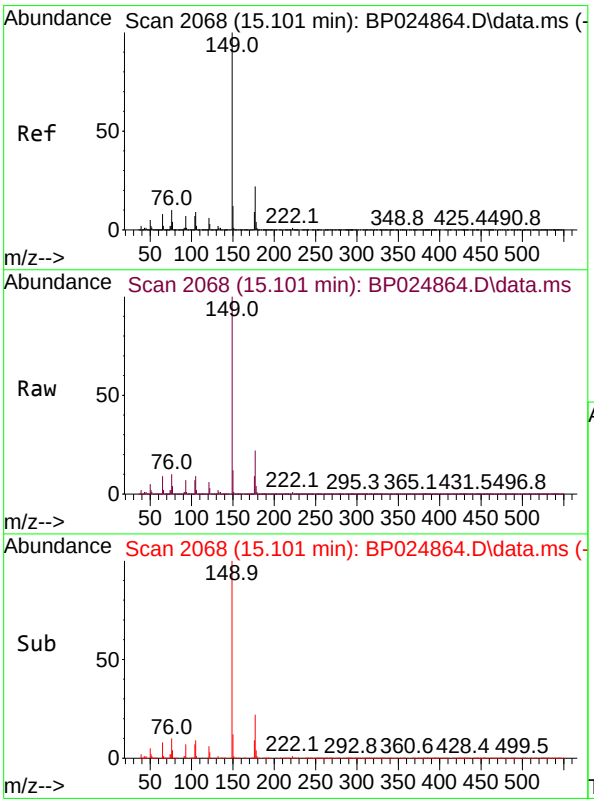
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.773 ng
RT: 14.901 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 480983

Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.2	57.2
130	2.6	2.1	3.1
166	32.1	25.7	38.5

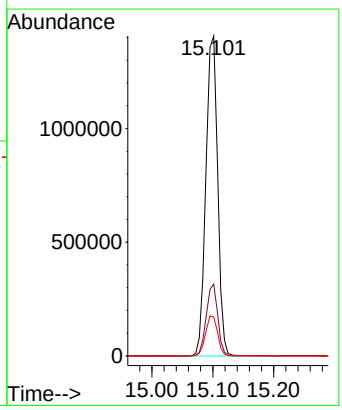


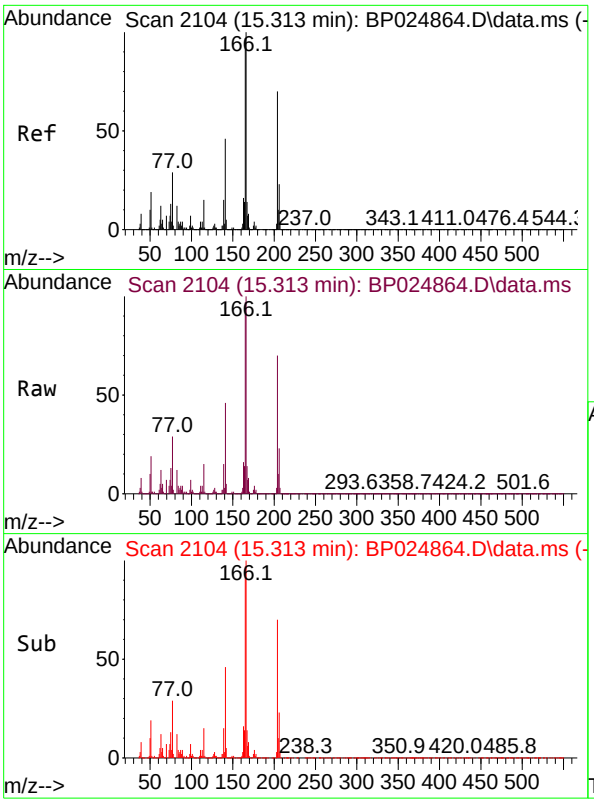


#60
Diethylphthalate
Concen: 37.885 ng
RT: 15.101 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 1891525

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.2	9.8	14.6



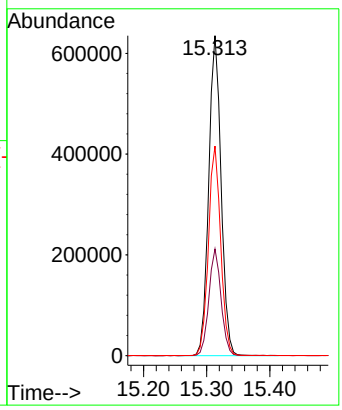


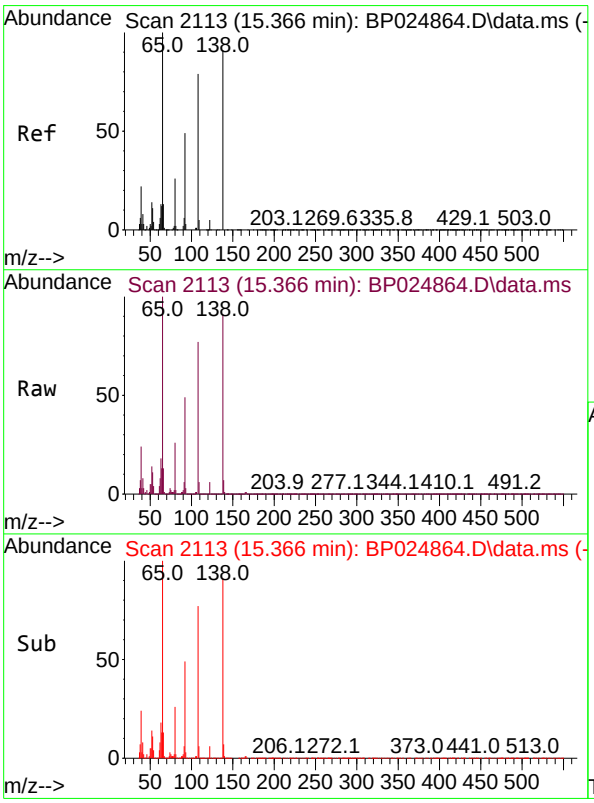
#61
4-Chlorophenyl-phenylether
Concen: 37.629 ng
RT: 15.313 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 864669

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	65.5	52.4	78.6

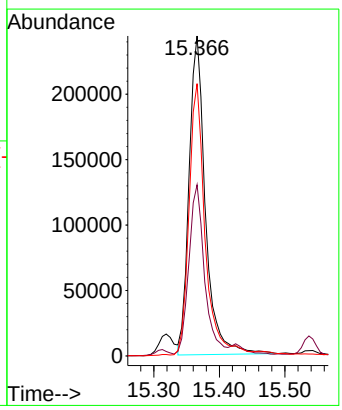


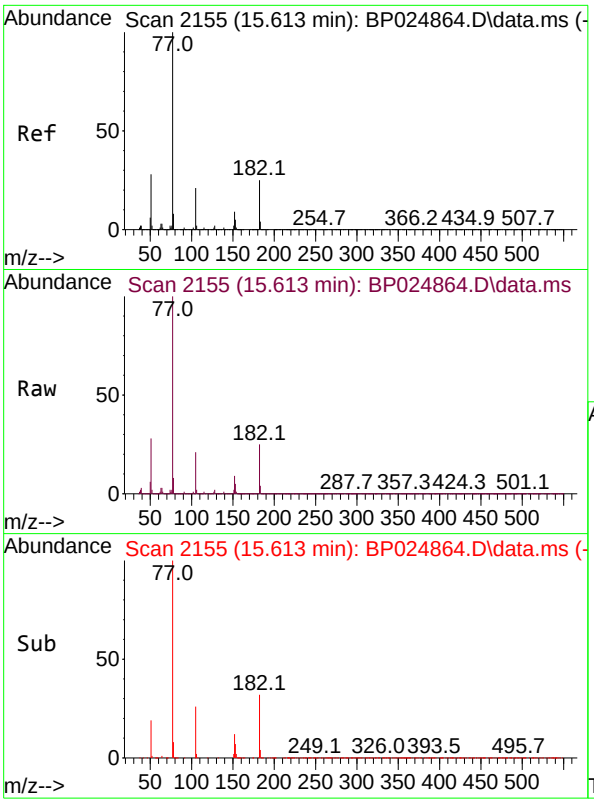


#62
4-Nitroaniline
Concen: 41.533 ng
RT: 15.366 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:138 Resp: 422311

Ion	Ratio	Lower	Upper
138	100		
92	53.5	33.5	73.5
108	85.1	65.1	105.1



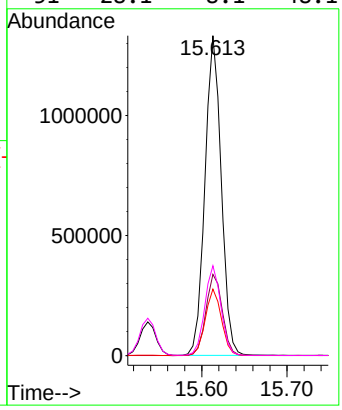


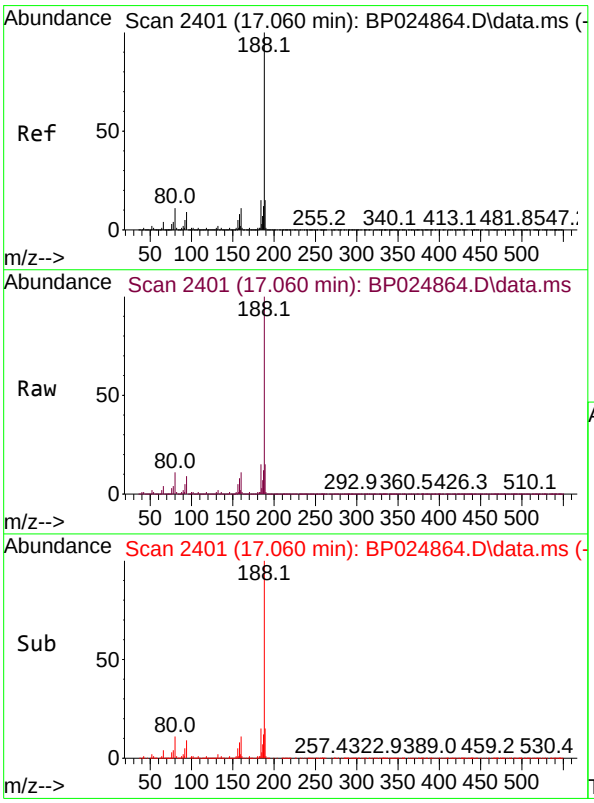
#63
Azobenzene
Concen: 38.557 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1765553

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.4	45.4
105	20.8	0.8	40.8
51	28.1	8.1	48.1

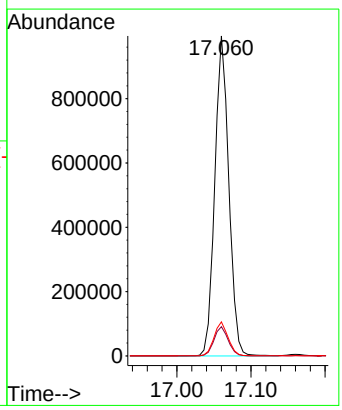


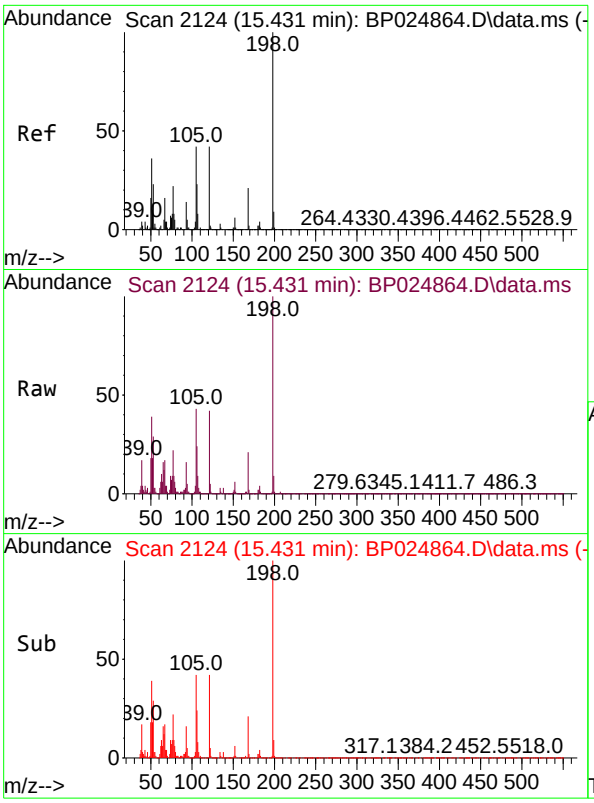


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:188 Resp: 1306481

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	10.6	8.5	12.7



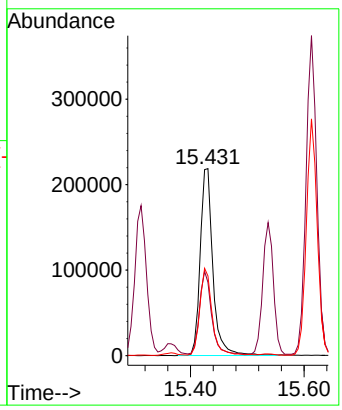


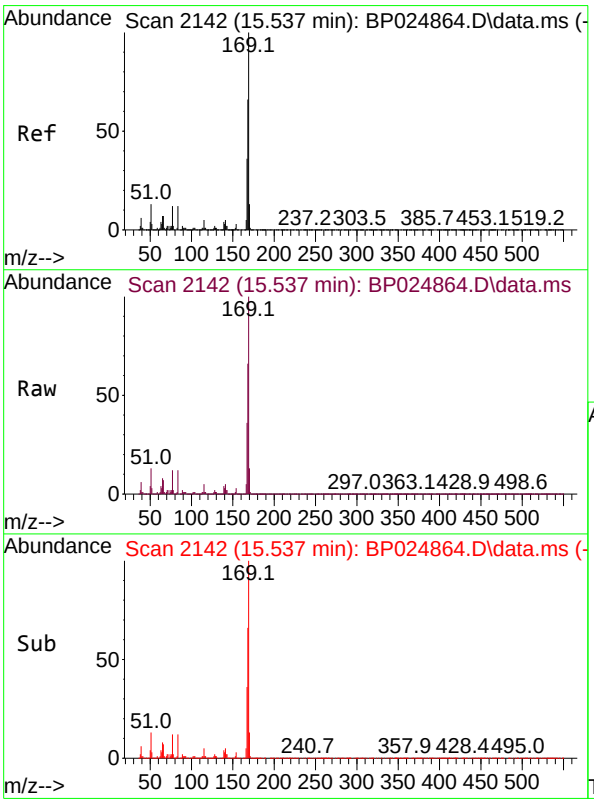
#65
4,6-Dinitro-2-methylphenol
Concen: 39.602 ng
RT: 15.431 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 339975

Ion	Ratio	Lower	Upper
198	100		
51	39.2	19.2	59.2
105	42.6	22.6	62.6

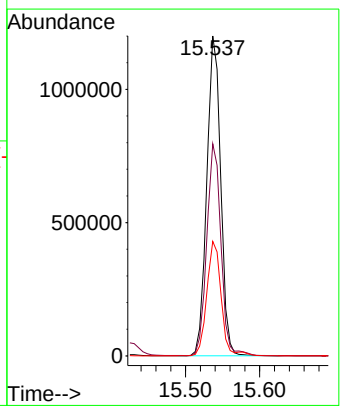


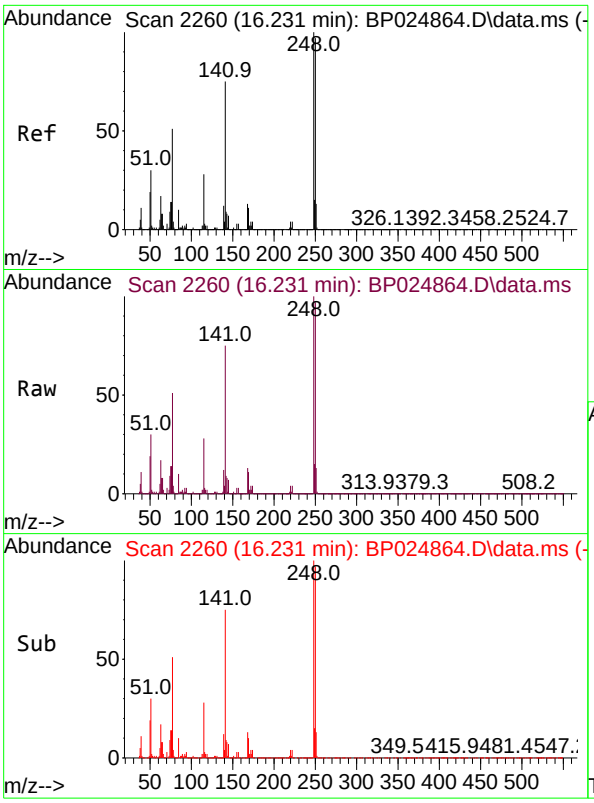


#66
n-Nitrosodiphenylamine
Concen: 38.517 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:169 Resp: 1559739

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	35.8	28.6	43.0



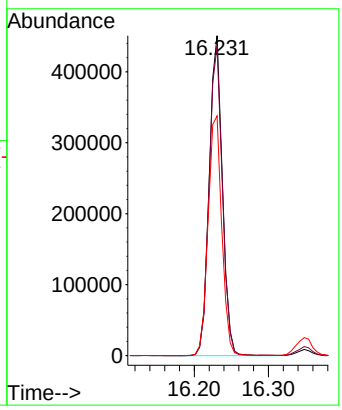


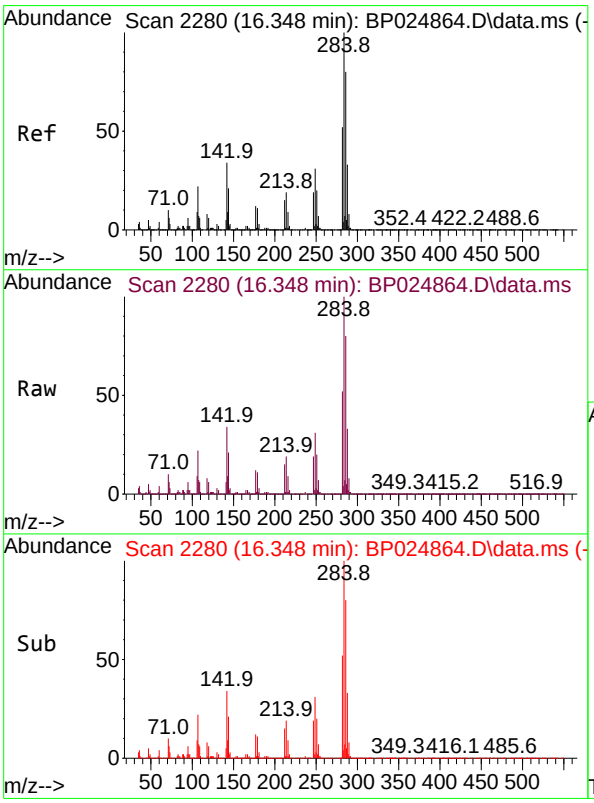
#67
4-Bromophenyl-phenylether
Concen: 37.758 ng
RT: 16.231 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 556600

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	74.9	59.9	89.9

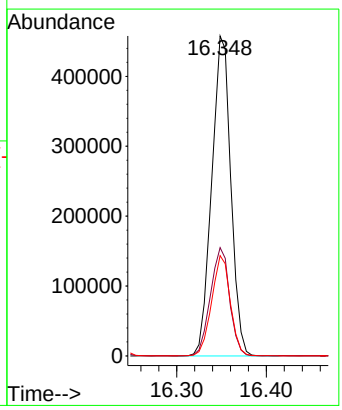


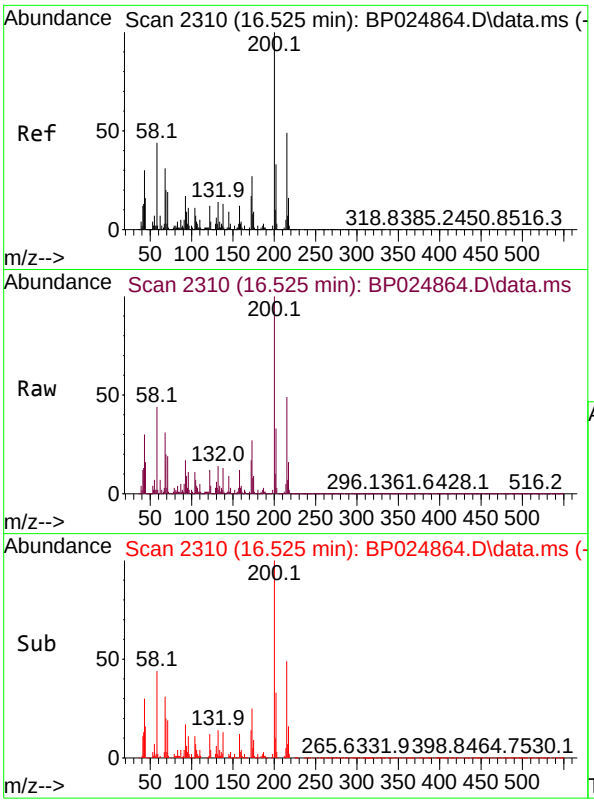


#68
Hexachlorobenzene
Concen: 38.085 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:284 Resp: 680613

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6



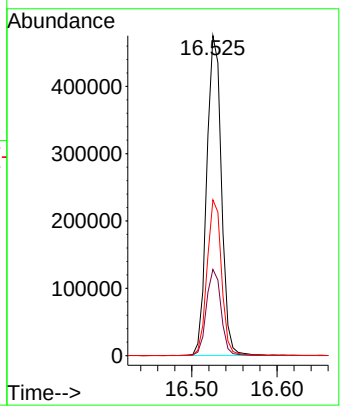


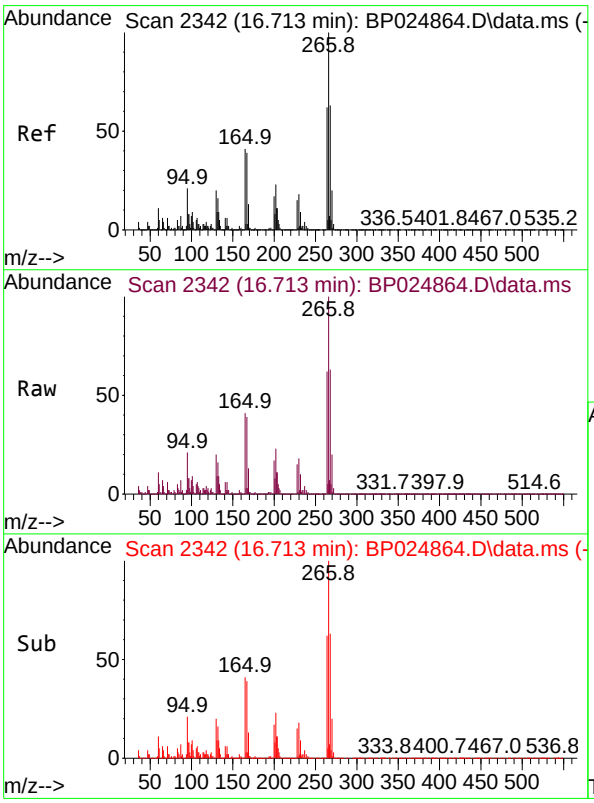
#69
Atrazine
Concen: 38.691 ng
RT: 16.525 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 567988

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	48.7	28.7	68.7

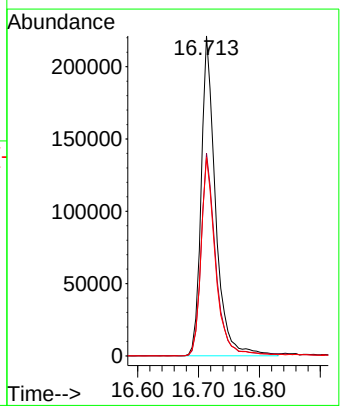


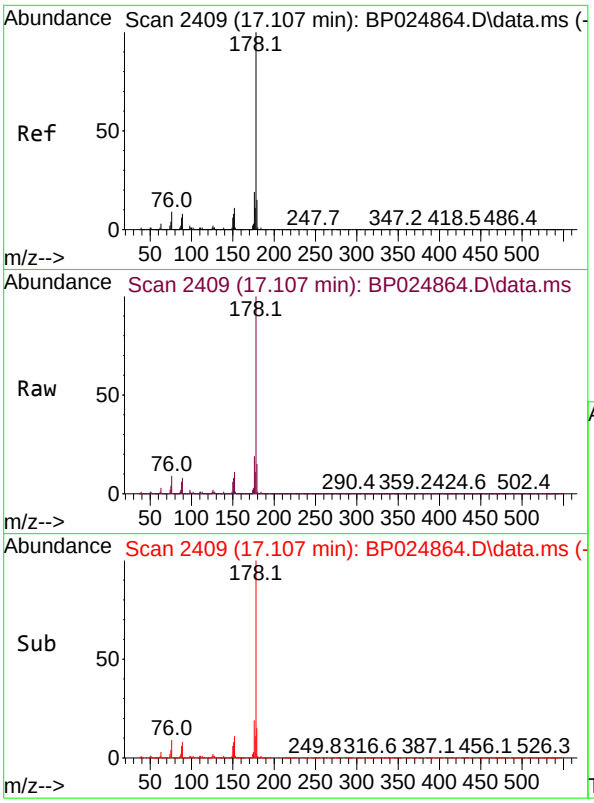


#70
Pentachlorophenol
Concen: 39.157 ng
RT: 16.713 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:266 Resp: 362165

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	62.1	49.7	74.5



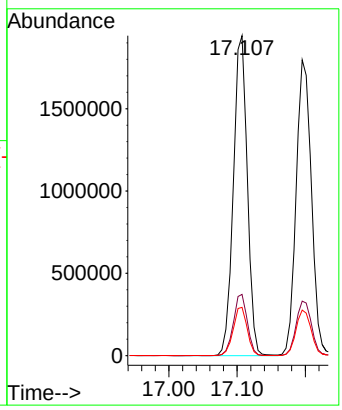


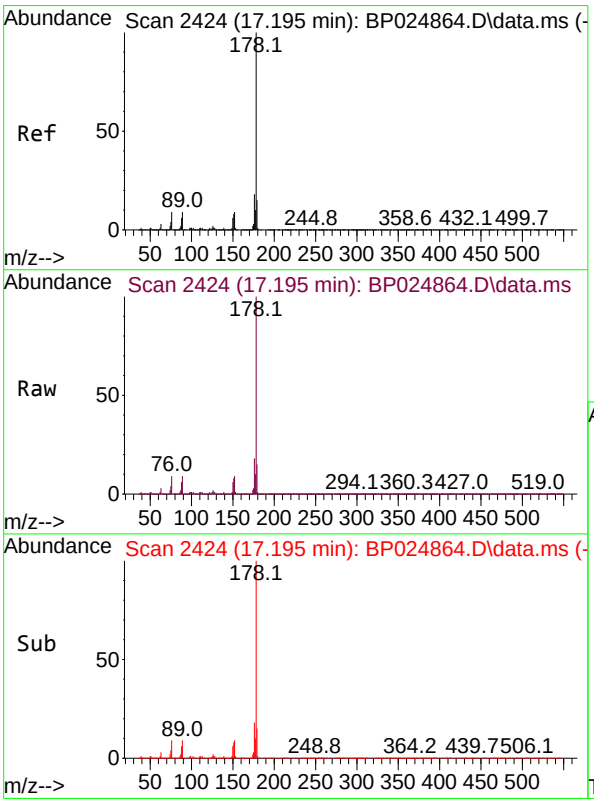
#71
Phenanthrene
Concen: 38.231 ng
RT: 17.107 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2760162

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.1	18.1

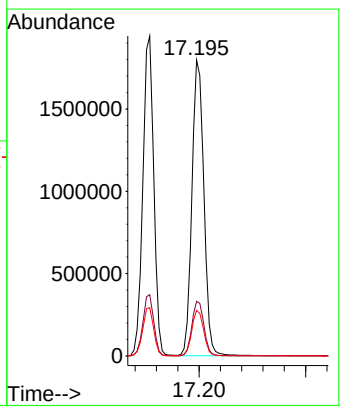


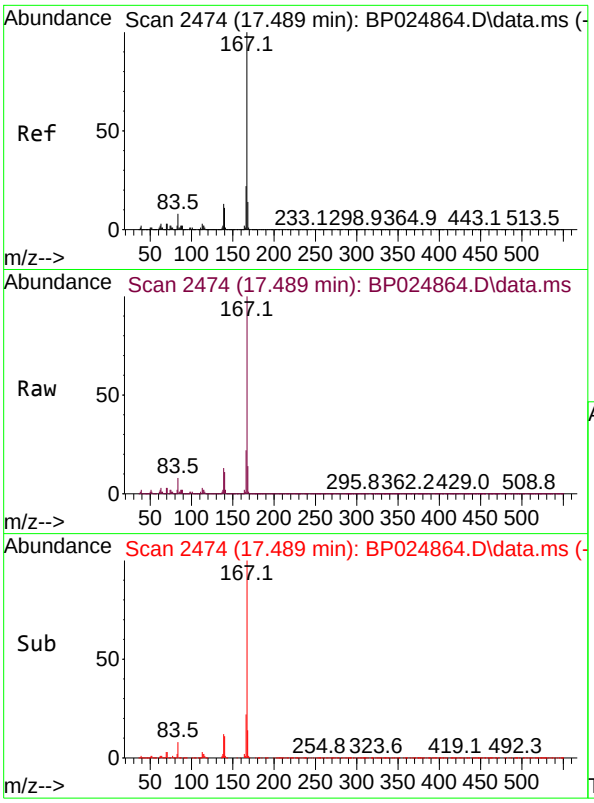


#72
Anthracene
Concen: 38.291 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:178 Resp: 2799870

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.3	18.5



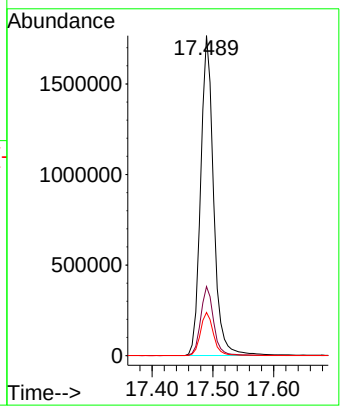


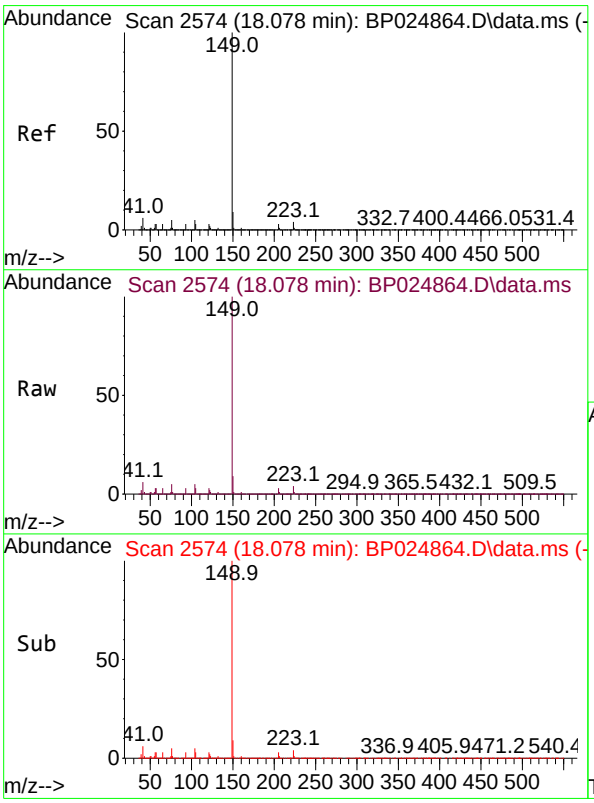
#73
Carbazole
Concen: 38.474 ng
RT: 17.489 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2607544

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.5	10.8	16.2

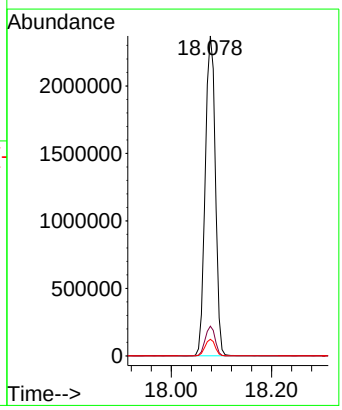


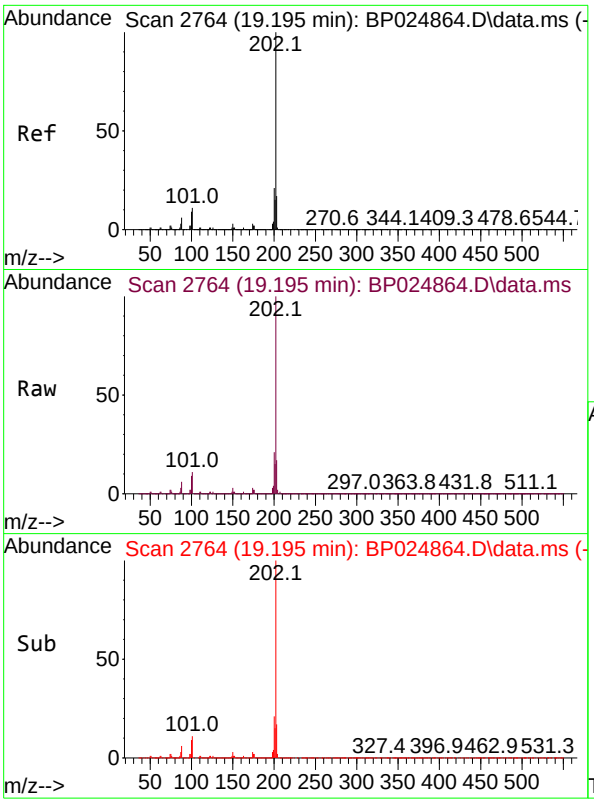


#74
Di-n-butylphthalate
Concen: 39.589 ng
RT: 18.078 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 3324411

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.2	4.2	6.2



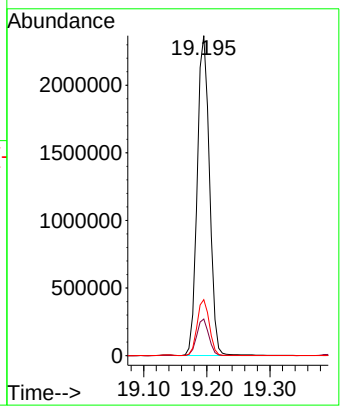


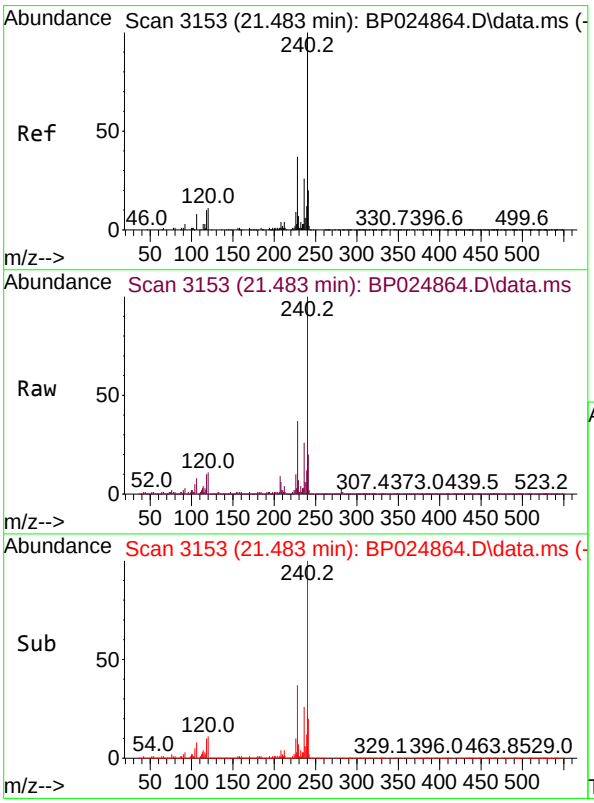
#75
Fluoranthene
Concen: 38.177 ng
RT: 19.195 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3194654

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.5

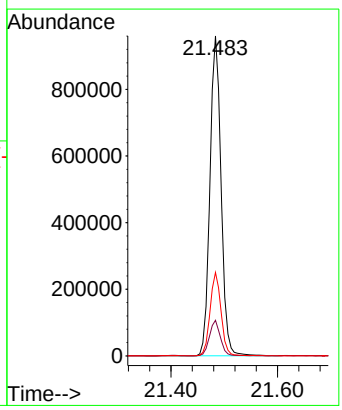


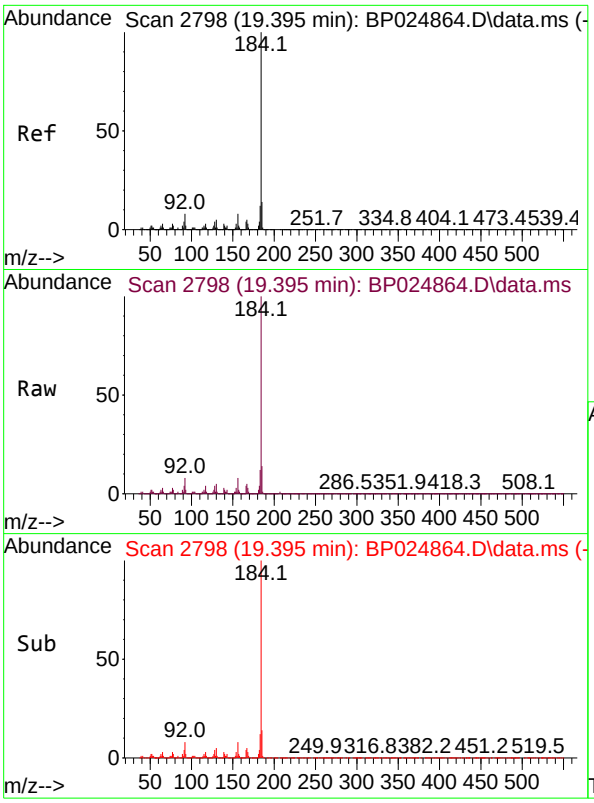


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:240 Resp: 1397384

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.1	20.9	31.3



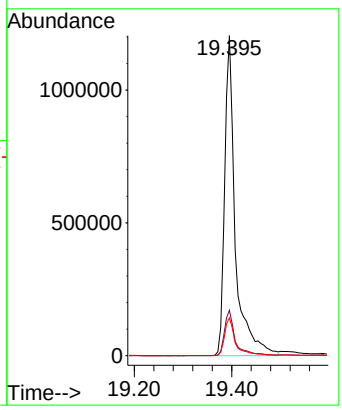


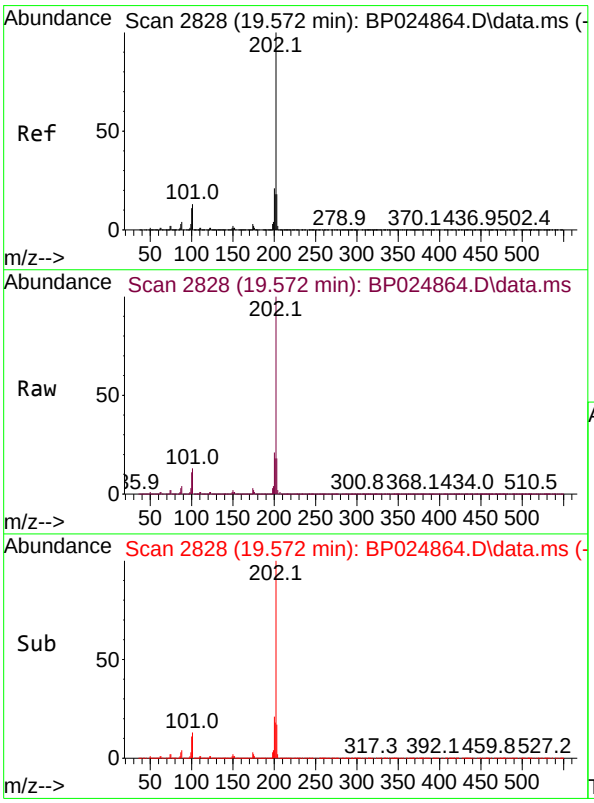
#77
Benzidine
Concen: 42.168 ng
RT: 19.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1825007

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.9	9.5	14.3

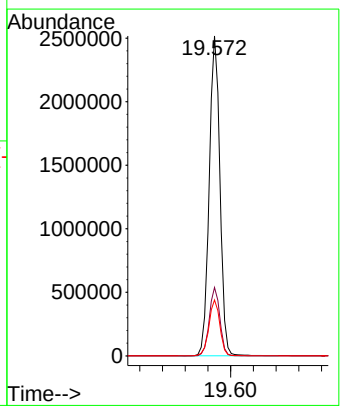


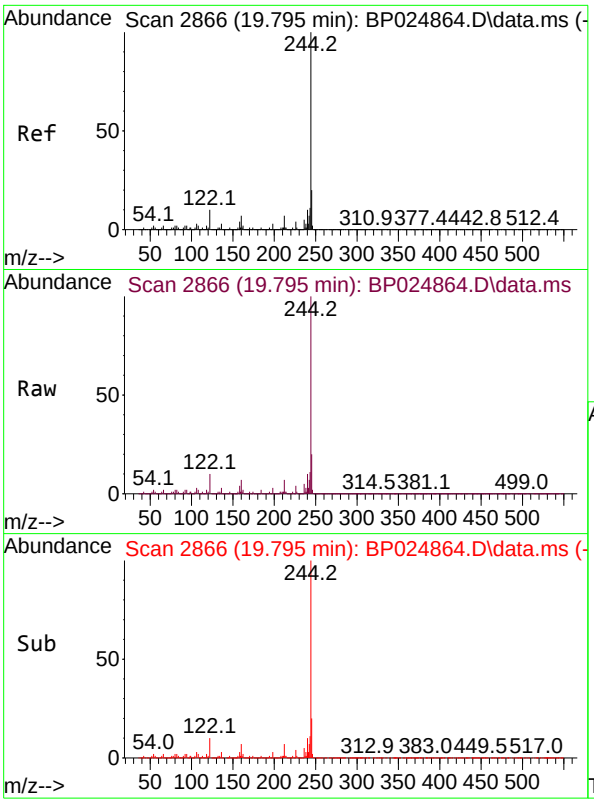


#78
Pyrene
Concen: 37.906 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:202 Resp: 3309259

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.5	14.0	21.0



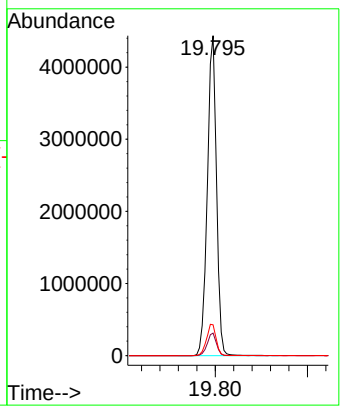


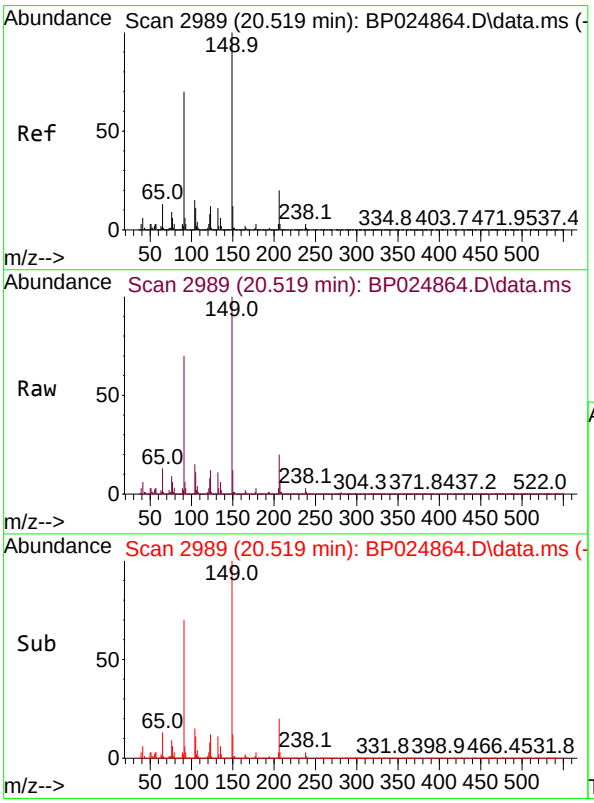
#79
Terphenyl-d14
Concen: 78.103 ng
RT: 19.795 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 6089552

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.6	7.7	11.5

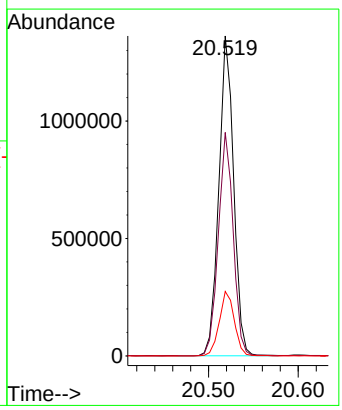


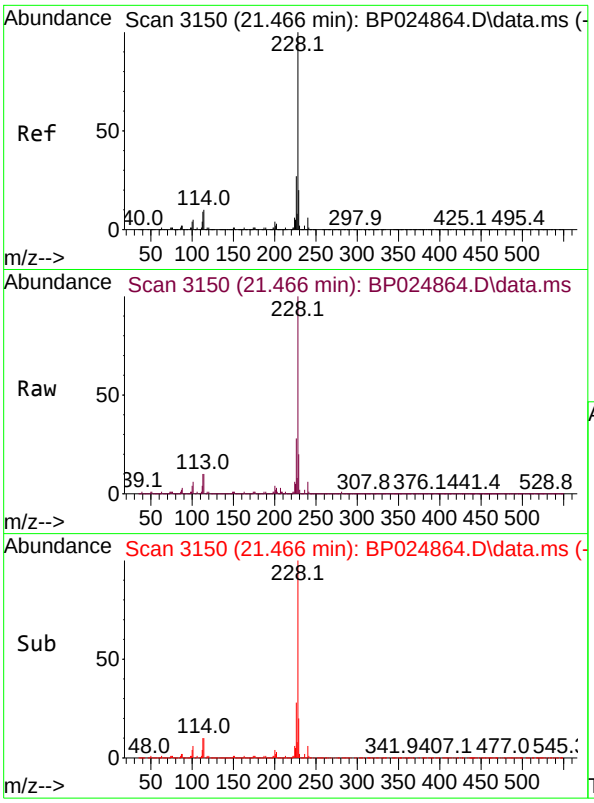


#80
Butylbenzylphthalate
Concen: 39.243 ng
RT: 20.519 min Scan# 2989
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 1569262

Ion	Ratio	Lower	Upper
149	100		
91	69.8	55.8	83.8
206	20.2	16.2	24.2



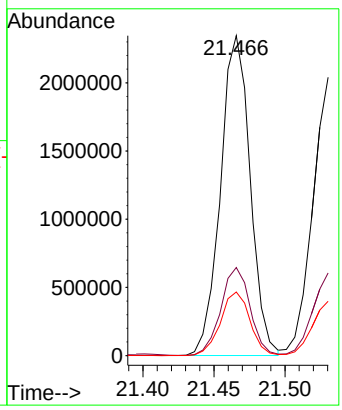


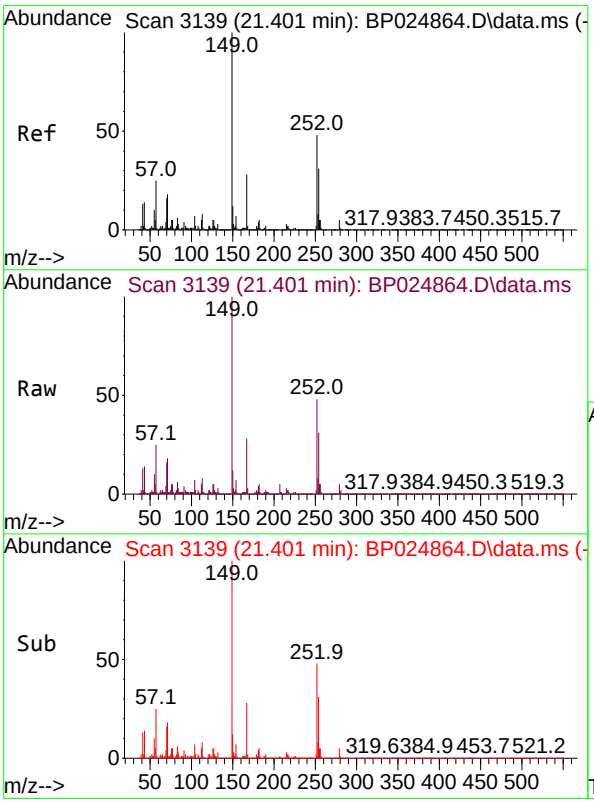
#81
Benzo(a)anthracene
Concen: 38.131 ng
RT: 21.466 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3407877

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.9	15.9	23.9

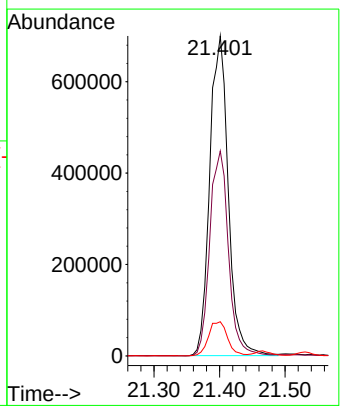


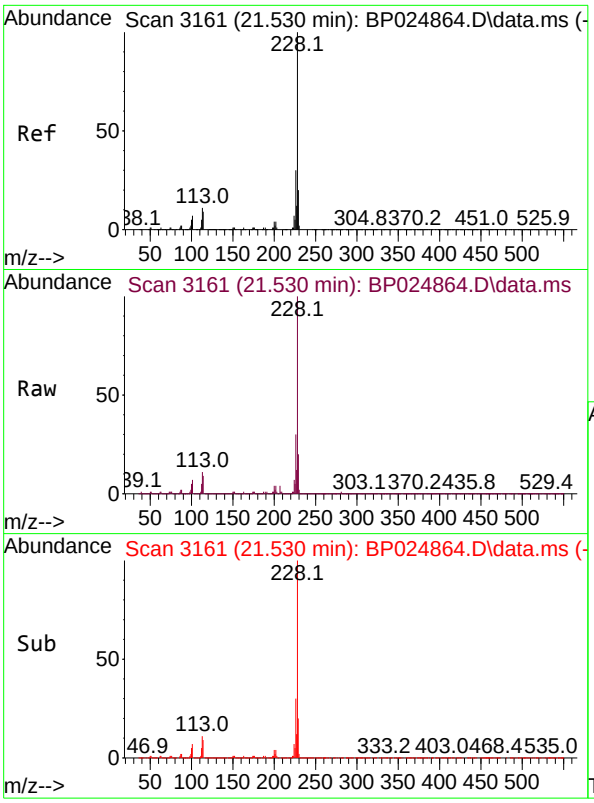


#82
3,3'-Dichlorobenzidine
Concen: 38.820 ng
RT: 21.401 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:252 Resp: 1377414

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.2	76.8
126	10.7	8.6	12.8



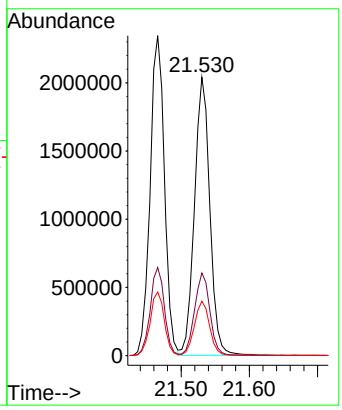


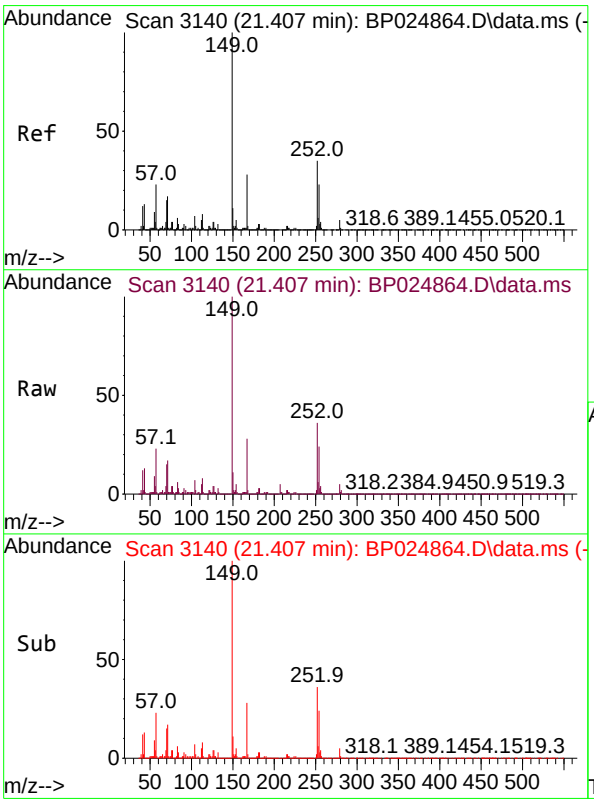
#83
Chrysene
Concen: 37.748 ng
RT: 21.530 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3196624

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.5	15.6	23.4

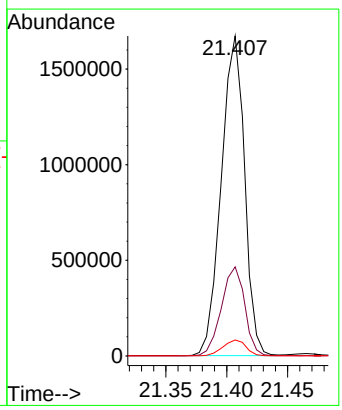


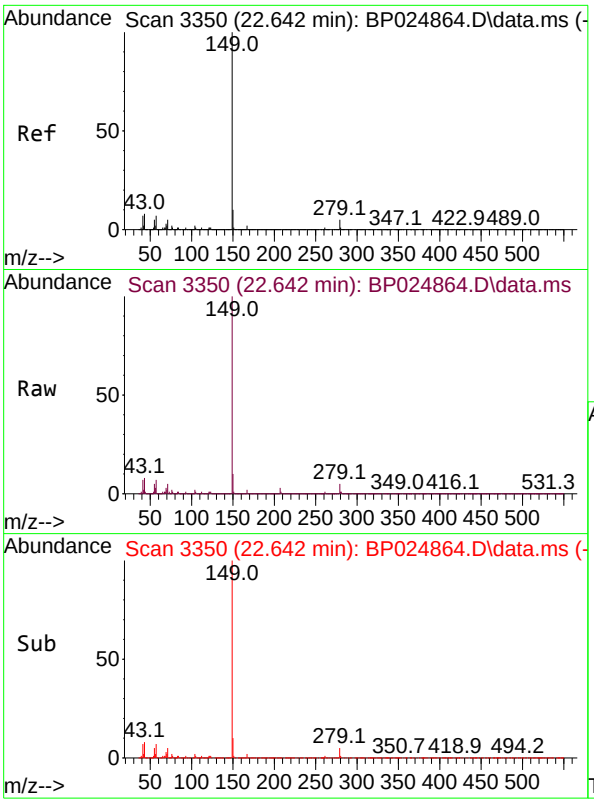


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.886 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 2227904

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	5.0	4.0	6.0



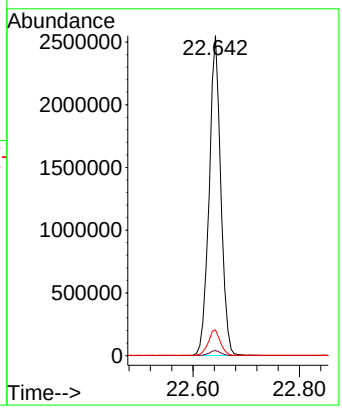


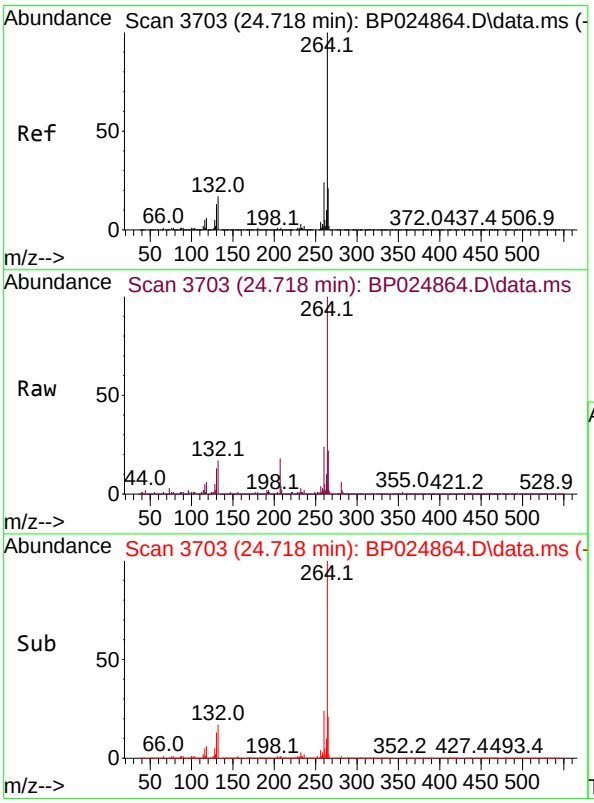
#85
Di-n-octyl phthalate
Concen: 38.306 ng
RT: 22.642 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3868411

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.6	10.0

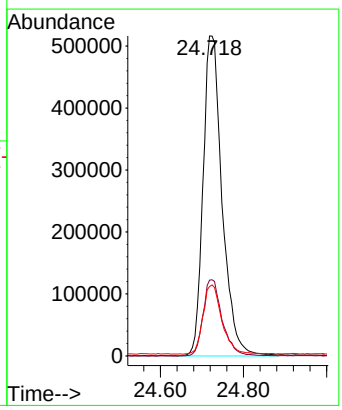


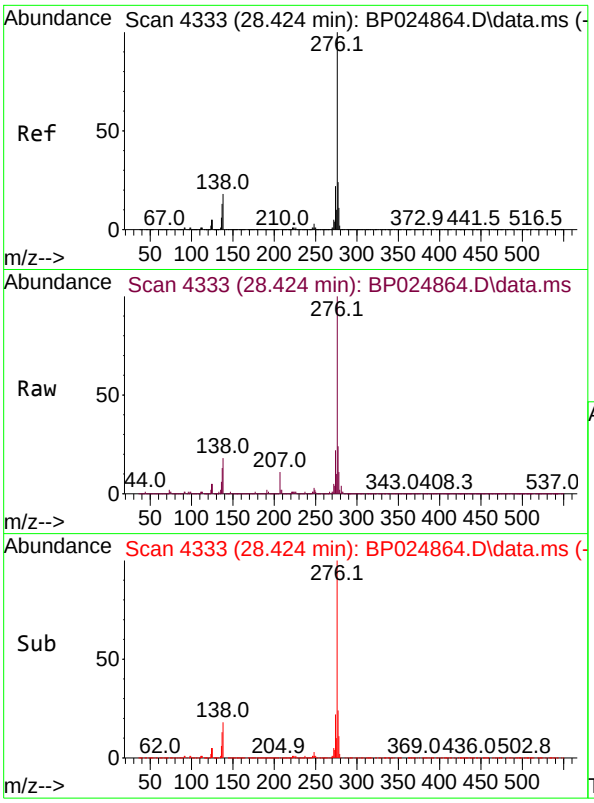


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:264 Resp: 1643252

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.7	17.4	26.0



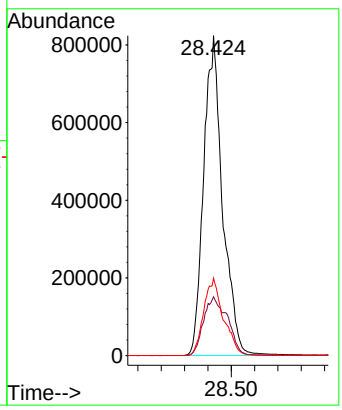


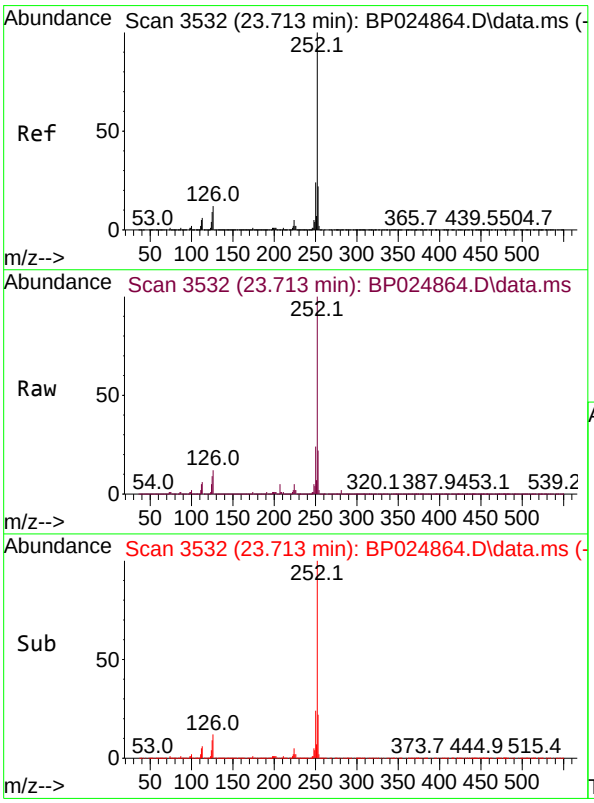
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.704 ng
RT: 28.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 4640451

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	25.3	20.2	30.4

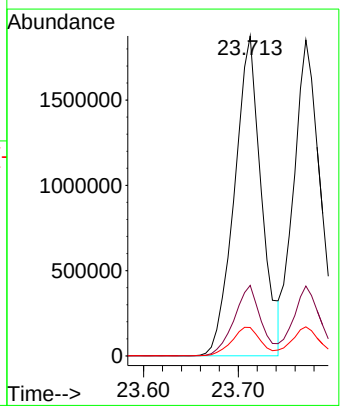


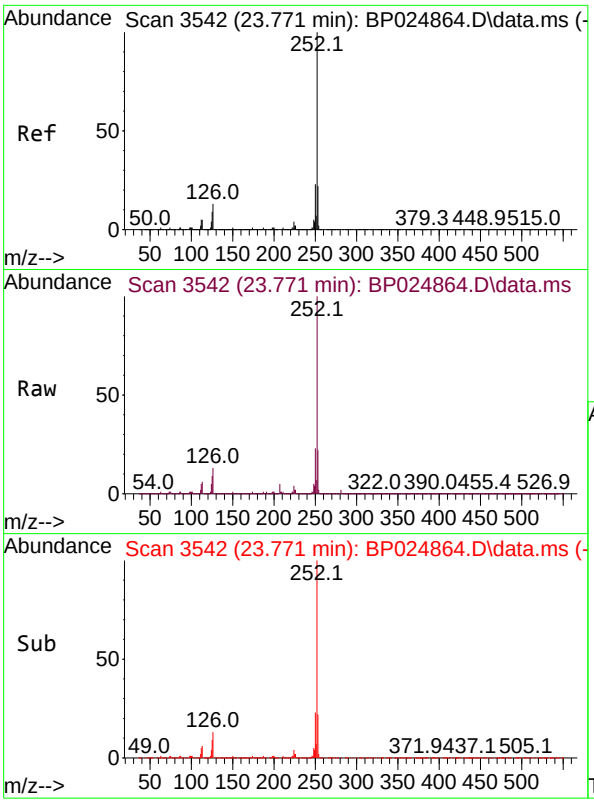


#88
Benzo(b)fluoranthene
Concen: 39.393 ng
RT: 23.713 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:252 Resp: 3704546

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.9	7.1	10.7



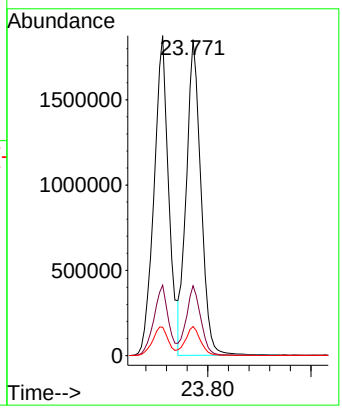


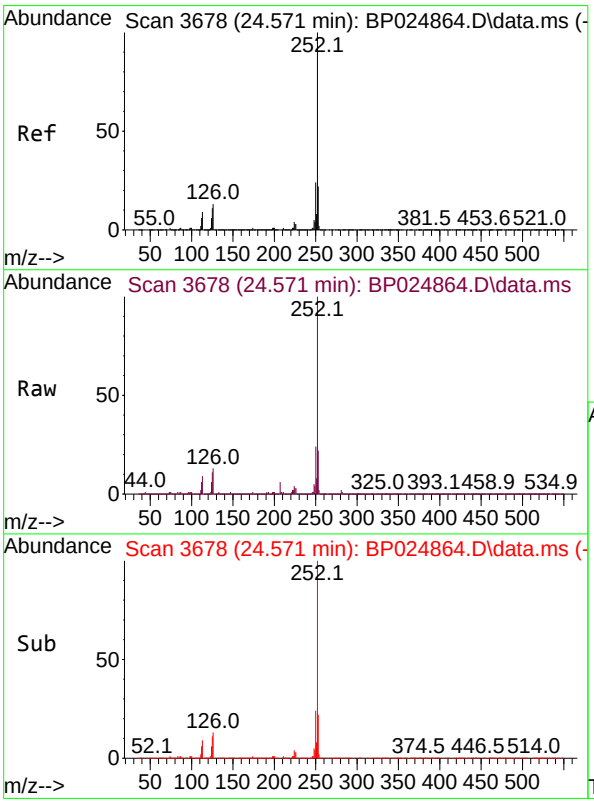
#89
Benzo(k)fluoranthene
Concen: 37.979 ng
RT: 23.771 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 3635617

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	7.4	11.0

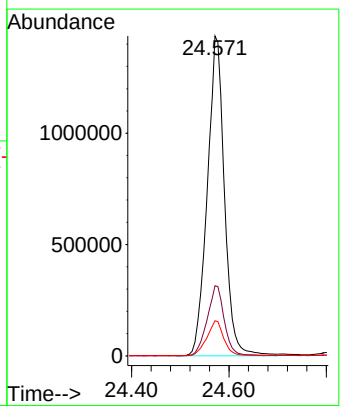


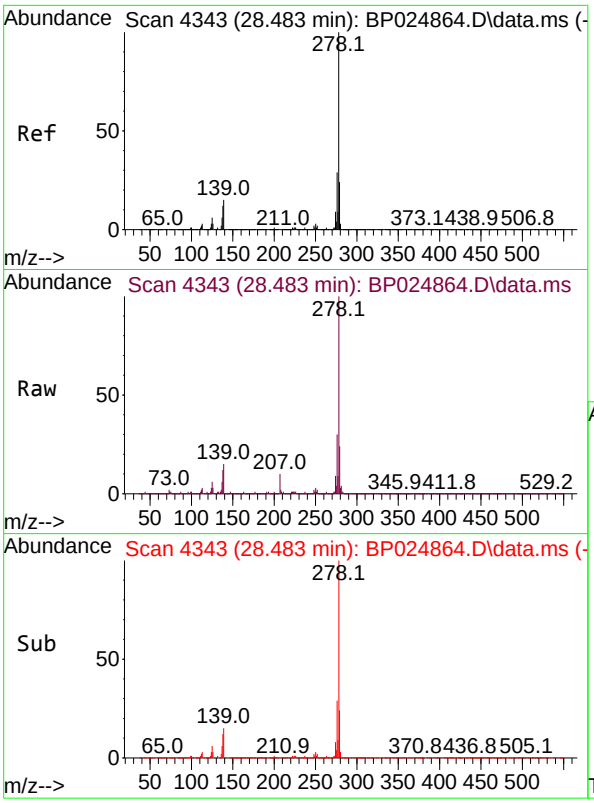


#90
Benzo(a)pyrene
Concen: 38.291 ng
RT: 24.571 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:252 Resp: 3516755

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.0	8.8	13.2



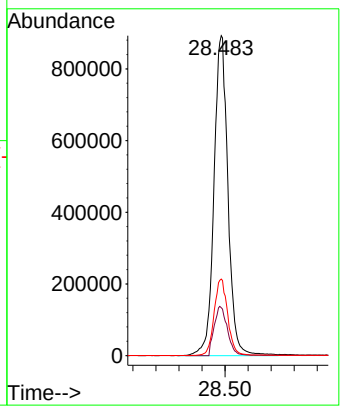


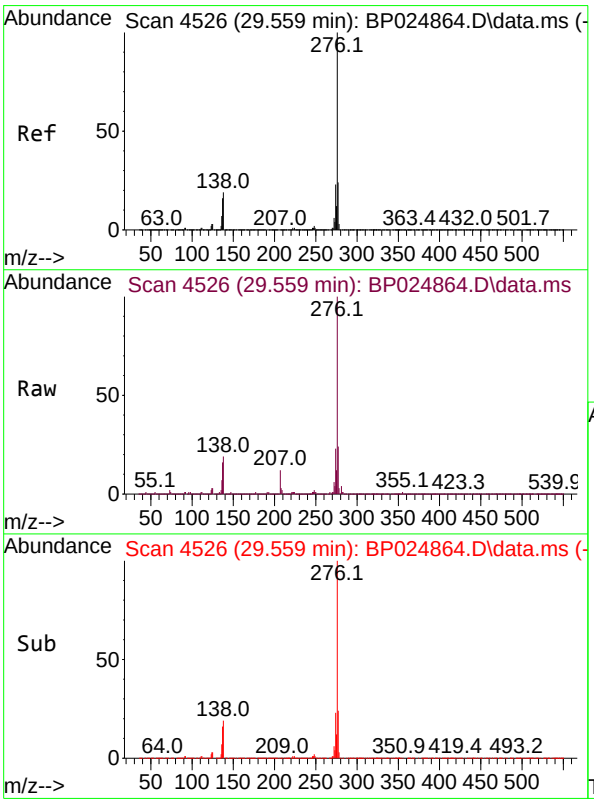
#91
Dibenzo(a,h)anthracene
Concen: 38.499 ng
RT: 28.483 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3757160

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.9	19.1	28.7

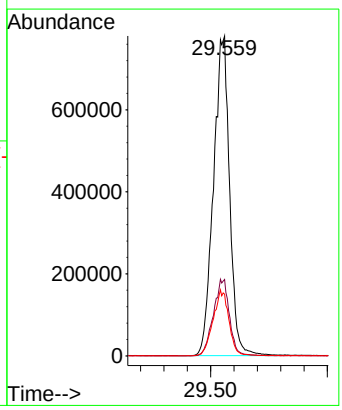




#92
Benzo(g,h,i)perylene
Concen: 38.569 ng
RT: 29.559 min Scan# 4526
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:276 Resp: 3734621

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	19.3	15.4	23.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024865.D
Acq On : 06 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jun 06 16:03:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	235518	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	975092	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	631564	20.000	ng	0.01
64) Phenanthrene-d10	17.072	188	1197709	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1276071	20.000	ng	0.02
86) Perylene-d12	24.742	264	1475251	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1510671	107.067	ng	0.00
7) Phenol-d6	6.813	99	1973616	105.719	ng	0.00
23) Nitrobenzene-d5	8.760	82	2165794	107.931	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	940592	107.721	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4934980	105.263	ng	0.00
79) Terphenyl-d14	19.801	244	7428863	104.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	321356	51.761	ng	100
3) Pyridine	3.567	79	806405	54.010	ng	98
4) n-Nitrosodimethylamine	3.478	42	319345	52.317	ng	98
6) Aniline	6.955	93	1263250	53.024	ng	100
8) 2-Chlorophenol	7.190	128	855311	53.473	ng	99
9) Benzaldehyde	6.766	77	579996	53.748	ng	99
10) Phenol	6.843	94	1015401	52.761	ng	99
11) bis(2-Chloroethyl)ether	7.049	93	802393	53.010	ng	99
12) 1,3-Dichlorobenzene	7.502	146	925262	51.854	ng	99
13) 1,4-Dichlorobenzene	7.643	146	944146	52.440	ng	100
14) 1,2-Dichlorobenzene	7.960	146	906741	51.287	ng	99
15) Benzyl Alcohol	7.860	79	758909	52.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1030911	52.035	ng	99
17) 2-Methylphenol	8.066	107	712455	53.013	ng	100
18) Hexachloroethane	8.672	117	359979	53.107	ng	99
19) n-Nitroso-di-n-propyla...	8.413	70	671592	52.919	ng	99
20) 3+4-Methylphenols	8.396	107	960504	52.385	ng	97
22) Acetophenone	8.431	105	1304864	52.966	ng	99
24) Nitrobenzene	8.802	77	955872	53.620	ng	99
25) Isophorone	9.325	82	1862532	53.556	ng	100
26) 2-Nitrophenol	9.513	139	489550	55.657	ng	99
27) 2,4-Dimethylphenol	9.578	122	806896	53.602	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	1133590	54.643	ng	99
29) 2,4-Dichlorophenol	10.054	162	797316	55.201	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	857570	52.640	ng	98
31) Naphthalene	10.437	128	2630251	52.637	ng	100
32) Benzoic acid	9.772	122	561400	55.936	ng	98
33) 4-Chloroaniline	10.548	127	1148401	54.855	ng	99
34) Hexachlorobutadiene	10.713	225	532031	54.184	ng	98
35) Caprolactam	11.354	113	288081	54.183	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	912092	54.747	ng	99
37) 2-Methylnaphthalene	12.048	142	1697018	53.539	ng	99
38) 1-Methylnaphthalene	12.272	142	1807332	53.333	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	949667	52.992	ng	100
41) Hexachlorocyclopentadiene	12.395	237	638568	58.420	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	649483	53.966	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024865.D
Acq On : 06 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jun 06 16:03:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	707702	54.908	ng		99
46) 1,1'-Biphenyl	13.072	154	2382821	51.916	ng		99
47) 2-Chloronaphthalene	13.113	162	1849683	52.435	ng		100
48) 2-Nitroaniline	13.337	65	586484	54.079	ng		99
49) Acenaphthylene	13.978	152	3062130	52.061	ng		100
50) Dimethylphthalate	13.719	163	2447212	52.527	ng		100
51) 2,6-Dinitrotoluene	13.837	165	535050	53.272	ng		98
52) Acenaphthene	14.325	154	1716357	50.924	ng		99
53) 3-Nitroaniline	14.178	138	580183	55.664	ng		99
54) 2,4-Dinitrophenol	14.401	184	321110	51.248	ng		95
55) Dibenzofuran	14.666	168	2773911	51.272	ng		99
56) 4-Nitrophenol	14.531	139	435101	51.384	ng		96
57) 2,4-Dinitrotoluene	14.648	165	768586	54.706	ng		98
58) Fluorene	15.331	166	2264731	51.819	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	623685	54.063	ng		100
60) Diethylphthalate	15.101	149	2438733	52.523	ng		99
61) 4-Chlorophenyl-phenyle...	15.319	204	1118999	52.365	ng		99
62) 4-Nitroaniline	15.372	138	530012	56.050	ng		96
63) Azobenzene	15.619	77	2249353	52.821	ng		100
65) 4,6-Dinitro-2-methylph...	15.431	198	439647	55.863	ng		98
66) n-Nitrosodiphenylamine	15.542	169	1974147	53.178	ng		100
67) 4-Bromophenyl-phenylether	16.236	248	737798	54.595	ng		97
68) Hexachlorobenzene	16.354	284	867444	52.948	ng		99
69) Atrazine	16.531	200	732007	54.392	ng		98
70) Pentachlorophenol	16.725	266	486264	57.349	ng		99
71) Phenanthrene	17.113	178	3477677	52.543	ng		100
72) Anthracene	17.201	178	3558691	53.089	ng		99
73) Carbazole	17.495	167	3330211	53.599	ng		100
74) Di-n-butylphthalate	18.077	149	4253447	55.253	ng		100
75) Fluoranthene	19.201	202	4024039	52.455	ng		100
77) Benzidine	19.413	184	2202092	55.718	ng		100
78) Pyrene	19.577	202	4217295	52.900	ng		100
80) Butylbenzylphthalate	20.530	149	2045307	56.010	ng		99
81) Benzo(a)anthracene	21.477	228	4296840	52.648	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1730292	53.402	ng		99
83) Chrysene	21.548	228	4080671	52.768	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2938577	56.166	ng		99
85) Di-n-octyl phthalate	22.642	149	5061827	54.889	ng		100
87) Indeno(1,2,3-cd)pyrene	28.424	276	5749111	53.412	ng	#	93
88) Benzo(b)fluoranthene	23.701	252	4545535	53.840	ng		100
89) Benzo(k)fluoranthene	23.771	252	4641829	54.012	ng		100
90) Benzo(a)pyrene	24.583	252	4478222	54.313	ng		99
91) Dibenzo(a,h)anthracene	28.500	278	4715596	53.822	ng		99
92) Benzo(g,h,i)perylene	29.547	276	4649887	53.490	ng		100

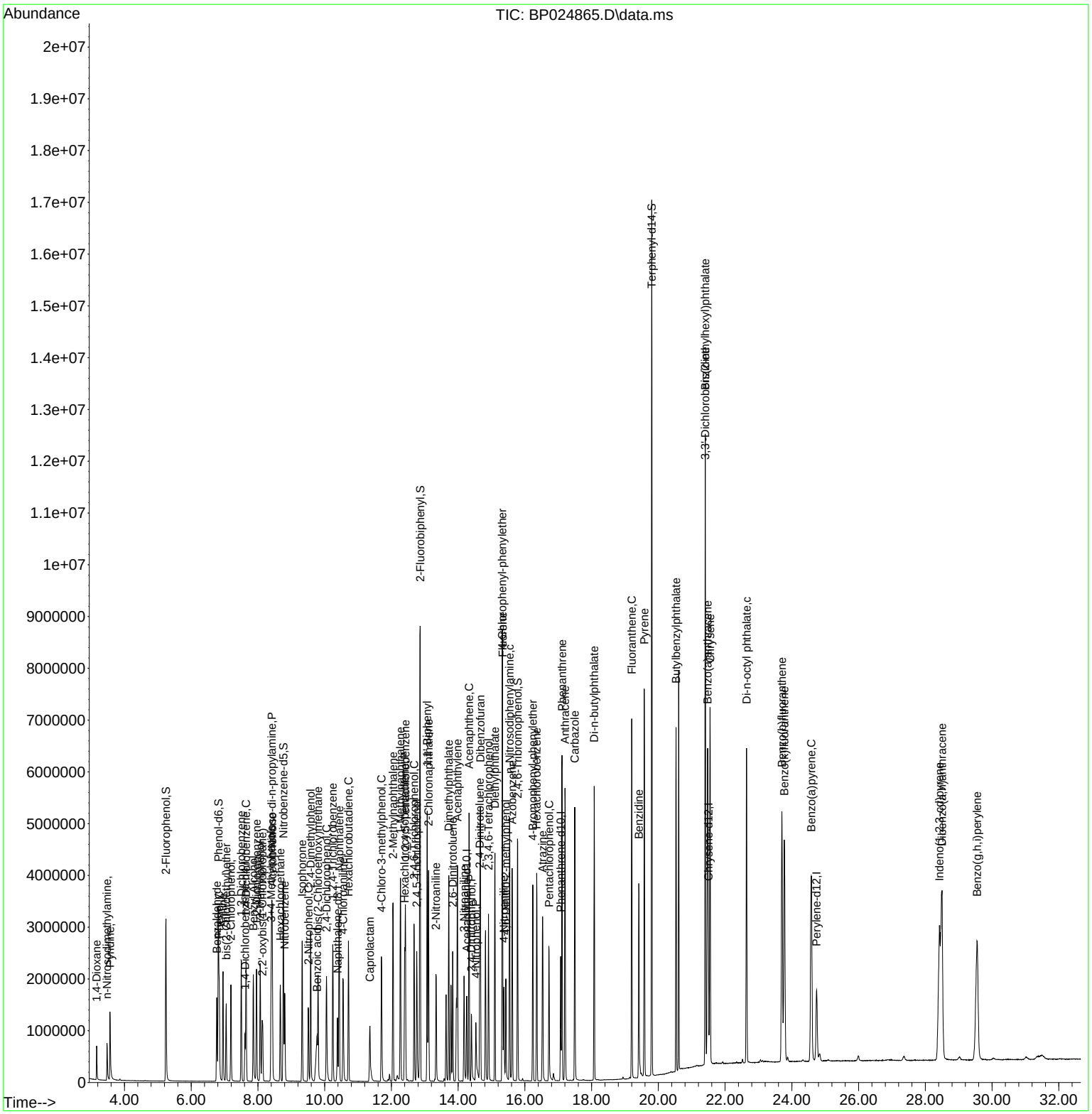
(#) = qualifier out of range (m) = manual integration (+) = signals summed

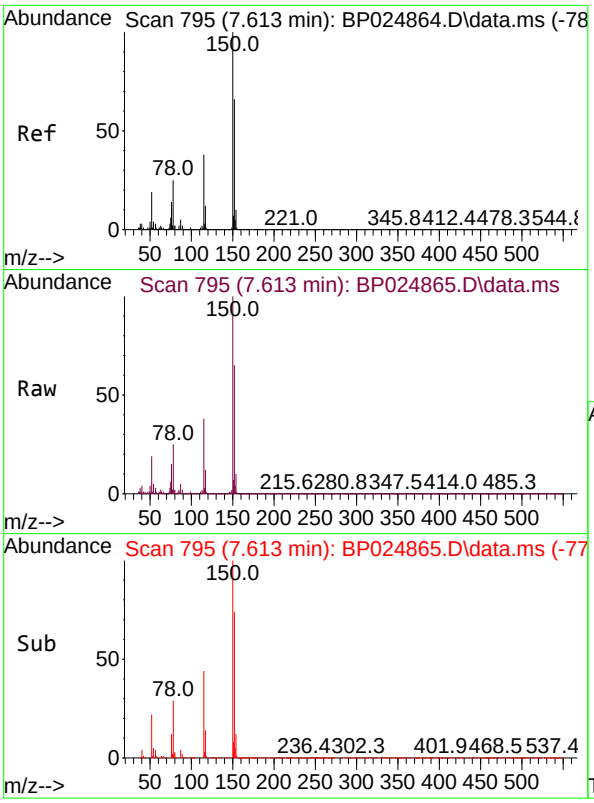
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024865.D
Acq On : 06 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jun 06 16:03:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration



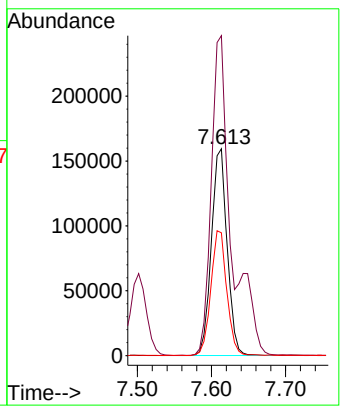


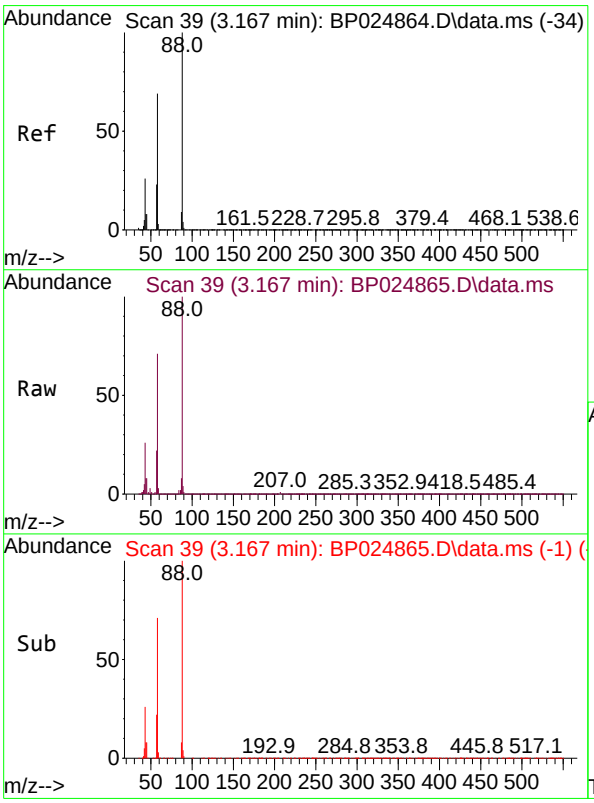
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 79
Delta R.T. 0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 235518

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.1	183.1
115	59.4	46.4	69.6

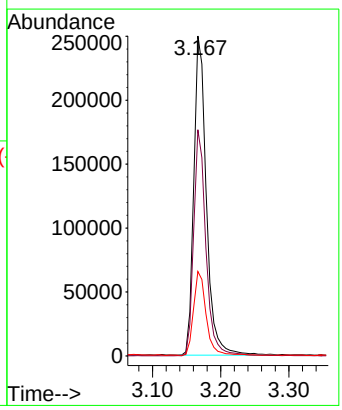


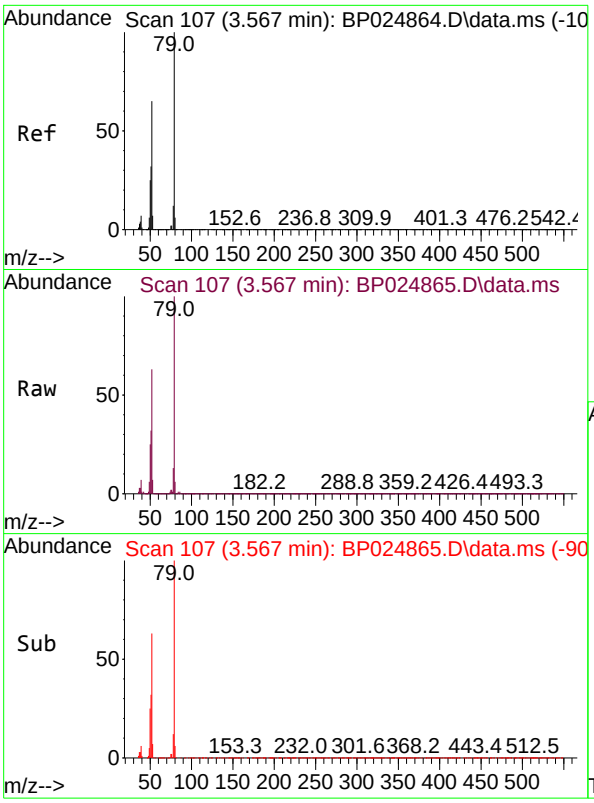


#2
1,4-Dioxane
Concen: 51.761 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 88 Resp: 321356

Ion	Ratio	Lower	Upper
88	100		
58	69.1	55.4	83.0
43	26.2	20.8	31.2



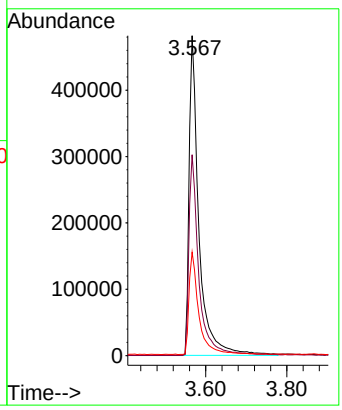


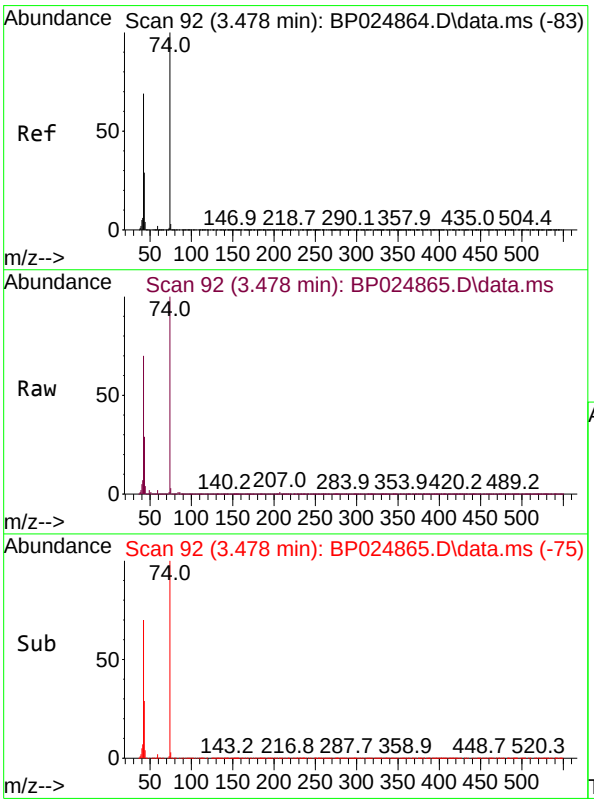
#3
Pyridine
Concen: 54.010 ng
RT: 3.567 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 806405

Ion	Ratio	Lower	Upper
79	100		
52	62.8	51.6	77.4
51	32.3	25.5	38.3

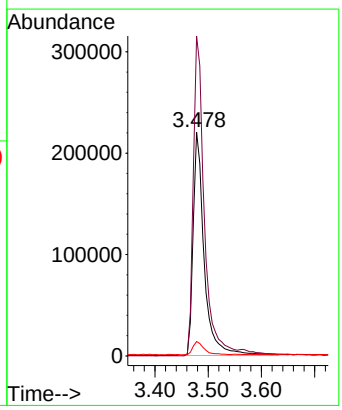


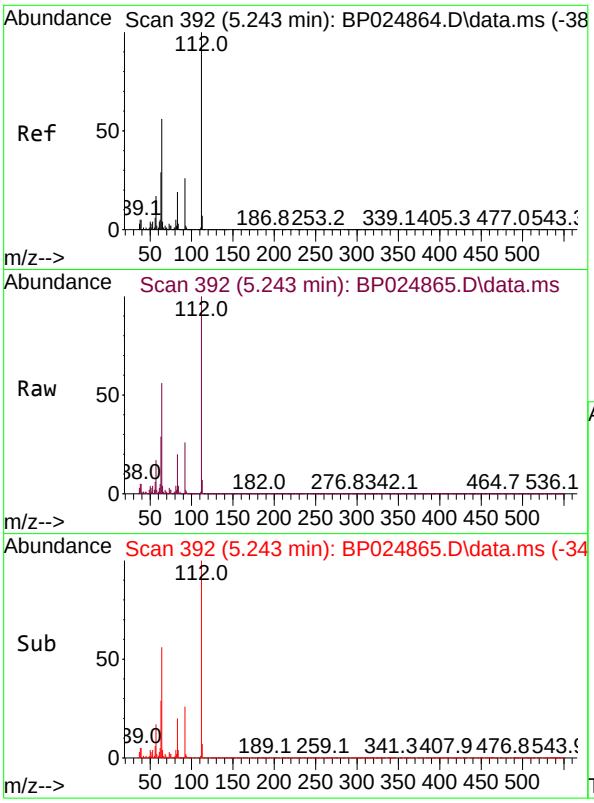


#4
n-Nitrosodimethylamine
Concen: 52.317 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 42 Resp: 319345

Ion	Ratio	Lower	Upper
42	100		
74	143.0	116.6	174.8
44	6.4	5.4	8.0



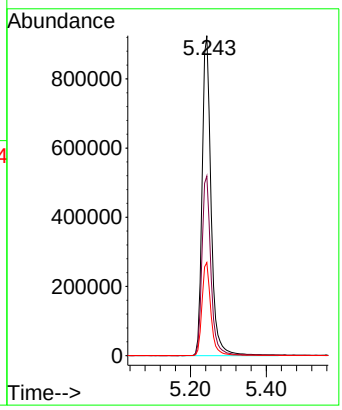


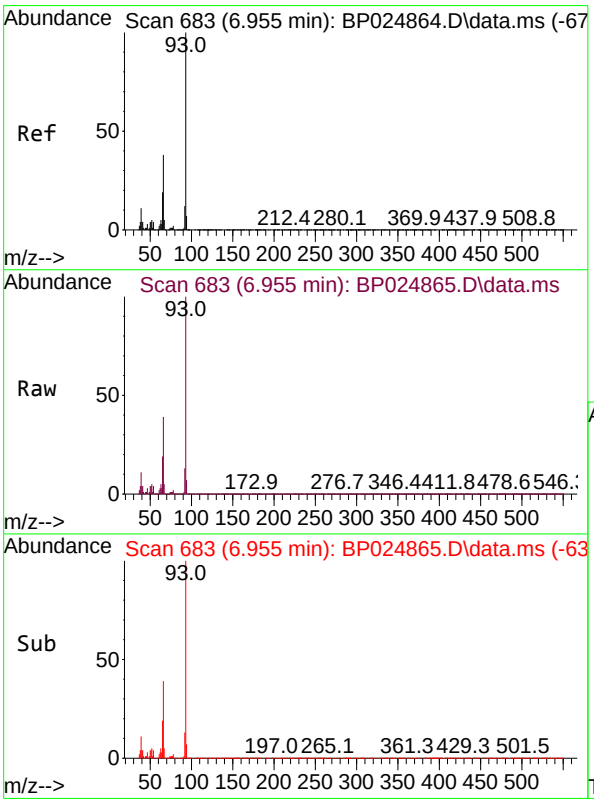
#5
2-Fluorophenol
Concen: 107.067 ng
RT: 5.243 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1510671

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.7	67.1
63	29.1	23.5	35.3

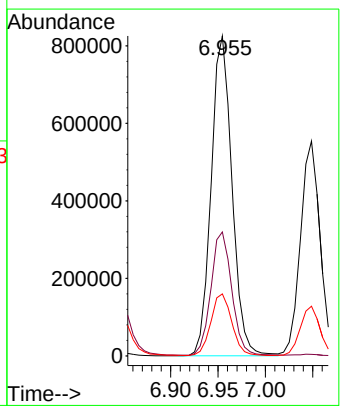


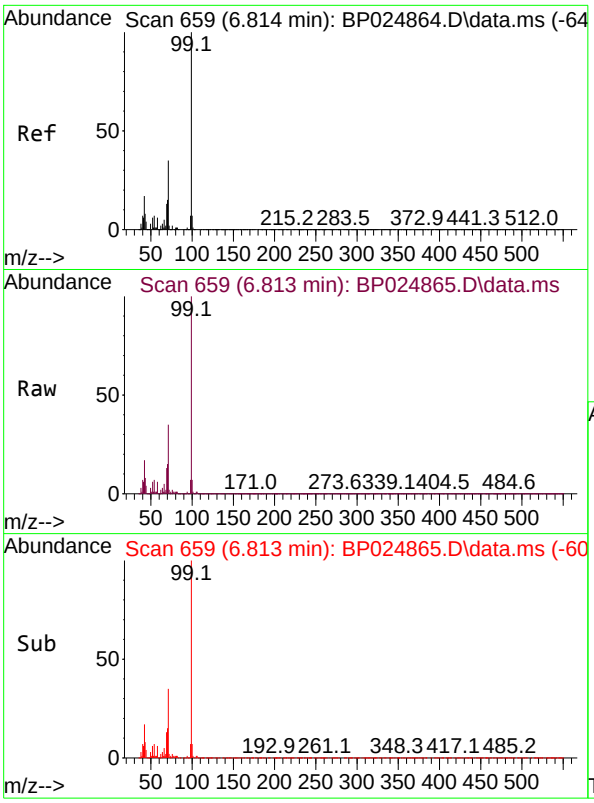


#6
Aniline
Concen: 53.024 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 93 Resp: 1263250

Ion	Ratio	Lower	Upper
93	100		
66	38.7	30.9	46.3
65	19.4	15.5	23.3



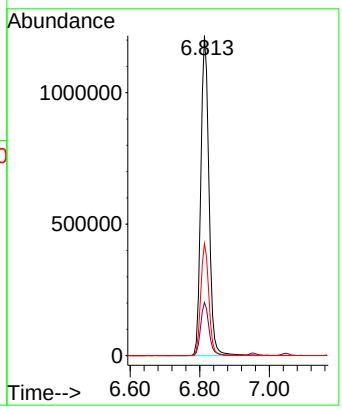


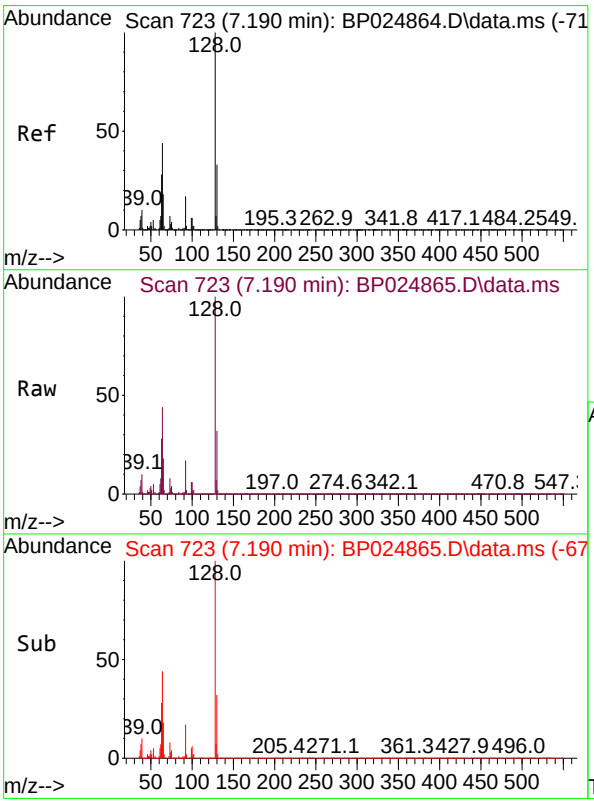
#7
Phenol-d6
Concen: 105.719 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1973616

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	35.0	27.6	41.4

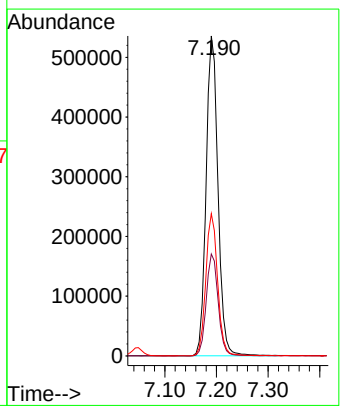


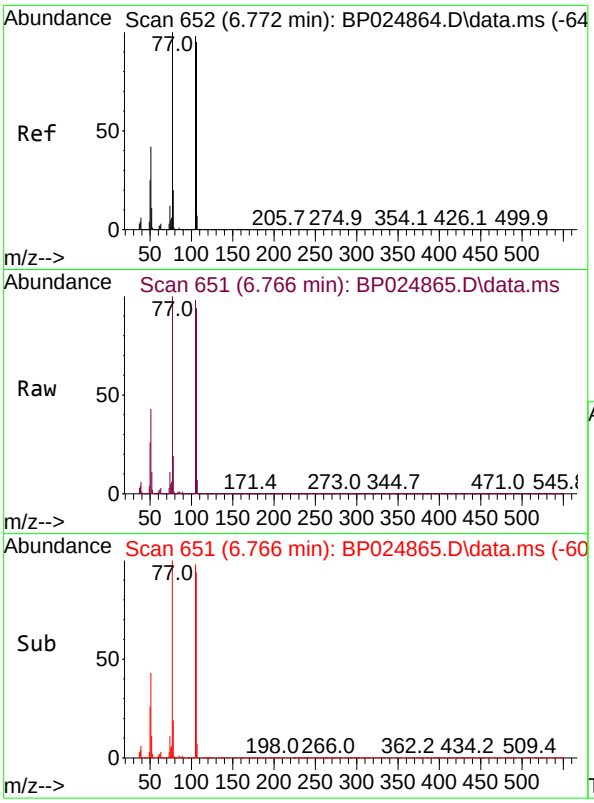


#8
2-Chlorophenol
Concen: 53.473 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:128 Resp: 855311

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	44.4	24.1	64.1



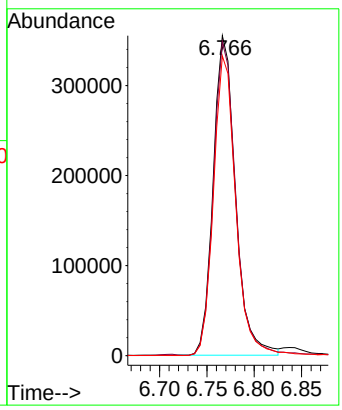


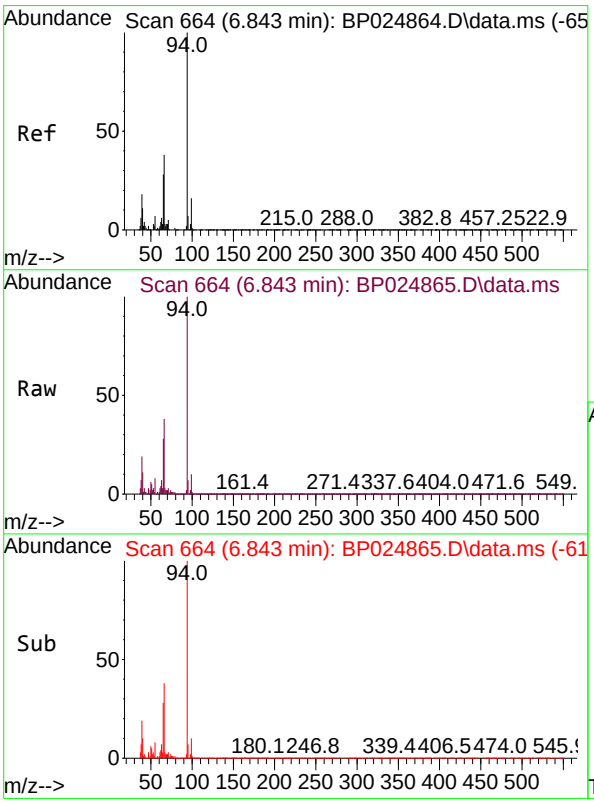
#9
Benzaldehyde
Concen: 53.748 ng
RT: 6.766 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 579996

Ion	Ratio	Lower	Upper
77	100		
105	98.1	77.7	117.7
106	93.6	74.8	114.8

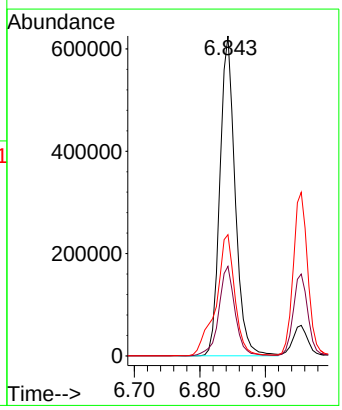


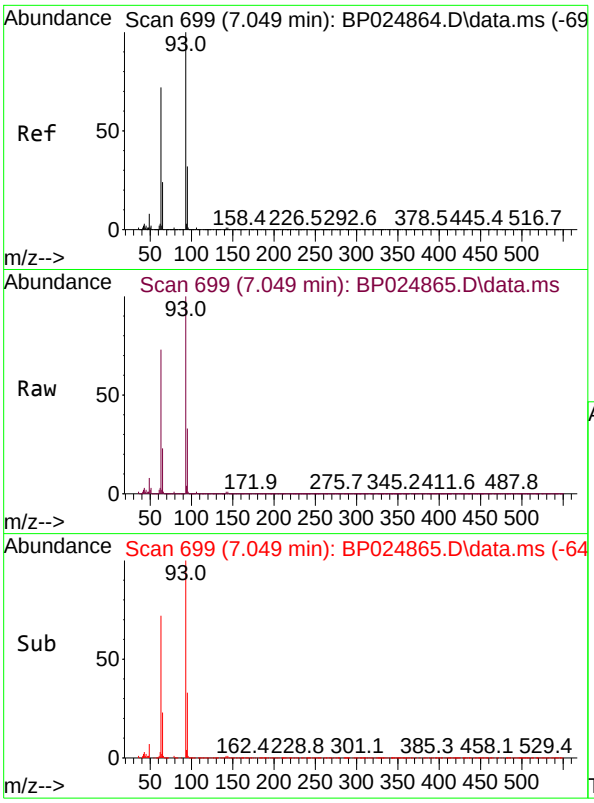


#10
Phenol
Concen: 52.761 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 94 Resp: 1015401

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.3	48.3
66	37.9	18.2	58.2



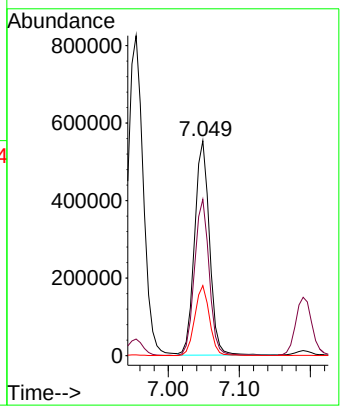


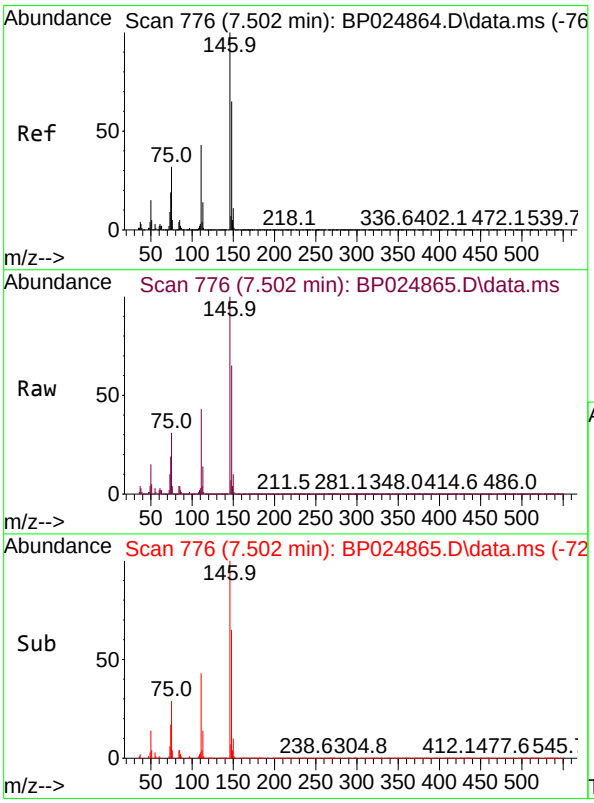
#11
bis(2-Chloroethyl)ether
Concen: 53.010 ng
RT: 7.049 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 802393

Ion	Ratio	Lower	Upper
93	100		
63	72.7	51.6	91.6
95	32.6	12.1	52.1

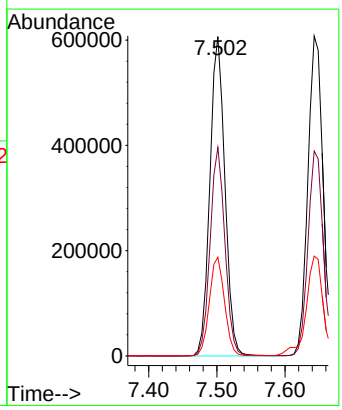


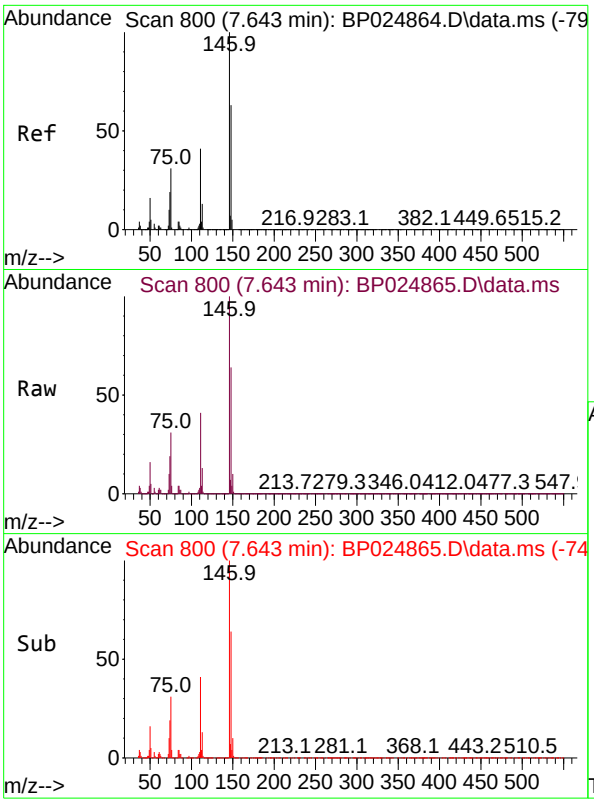


#12
1,3-Dichlorobenzene
Concen: 51.854 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:146 Resp: 925262

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	30.9	25.3	37.9



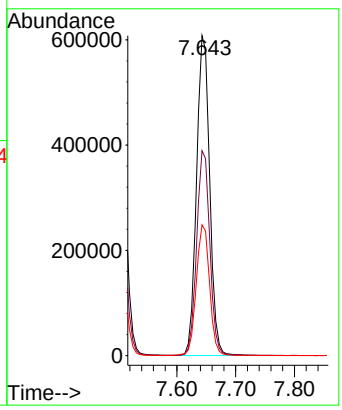


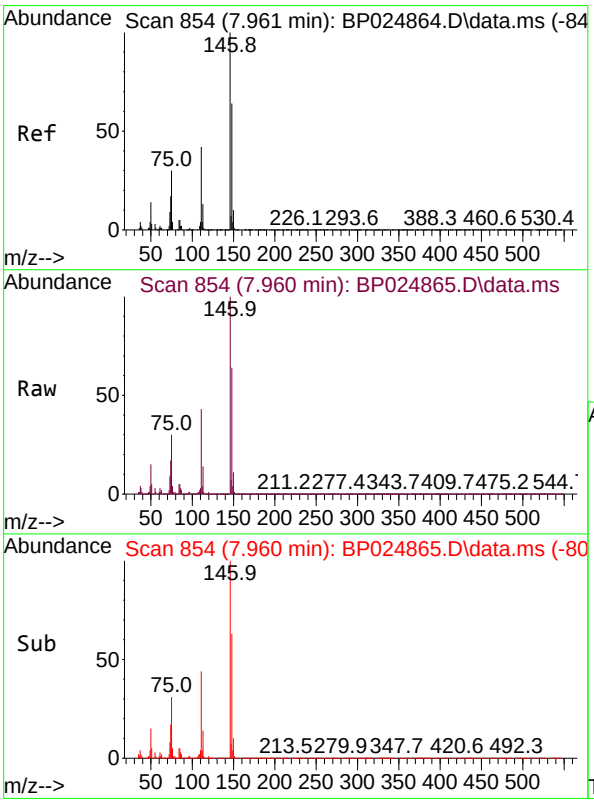
#13
1,4-Dichlorobenzene
Concen: 52.440 ng
RT: 7.643 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 944146

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.9	32.7	49.1

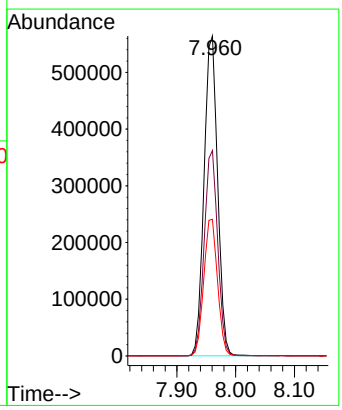


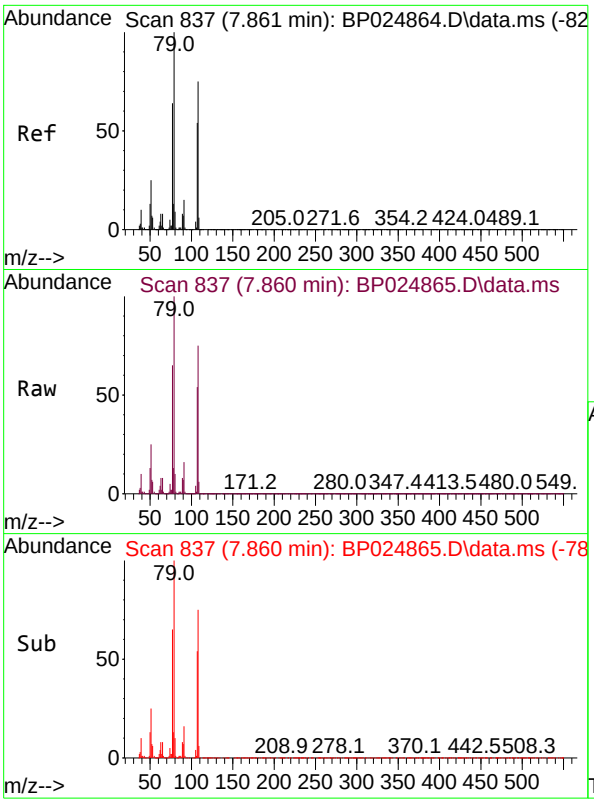


#14
1,2-Dichlorobenzene
Concen: 51.287 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:146 Resp: 906741

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	42.7	33.8	50.8



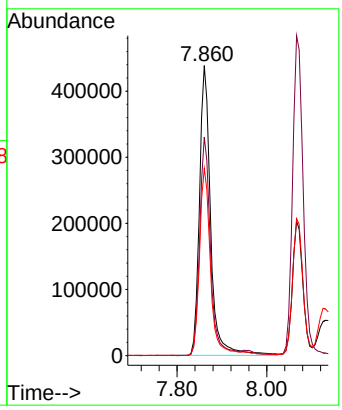


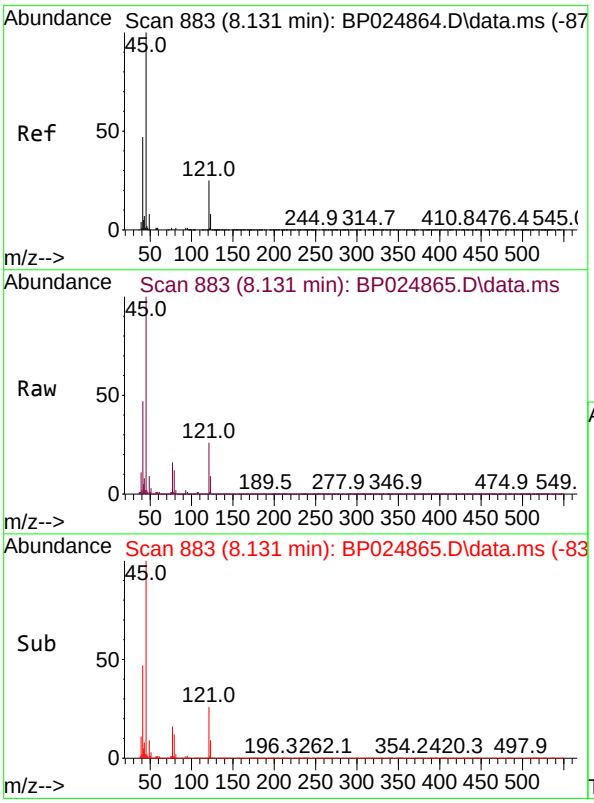
#15
Benzyl Alcohol
Concen: 52.968 ng
RT: 7.860 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 758909

Ion	Ratio	Lower	Upper
79	100		
108	75.4	60.2	90.4
77	64.6	51.2	76.8

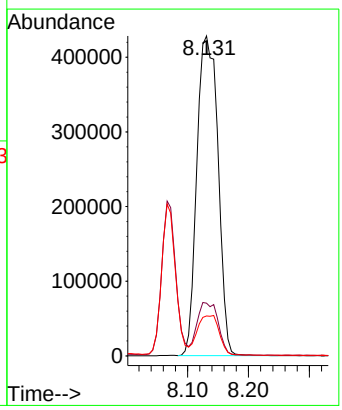


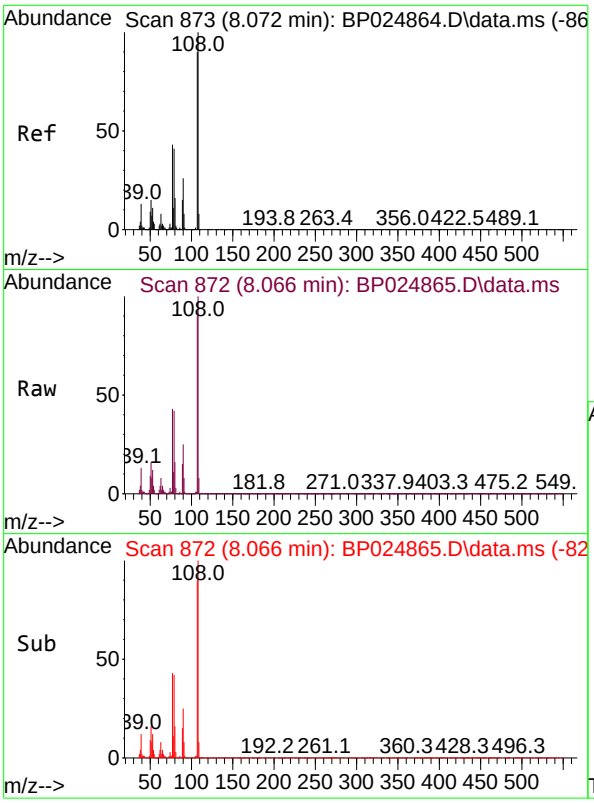


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.035 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 45 Resp: 1030911

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.3
79	12.5	0.0	32.2



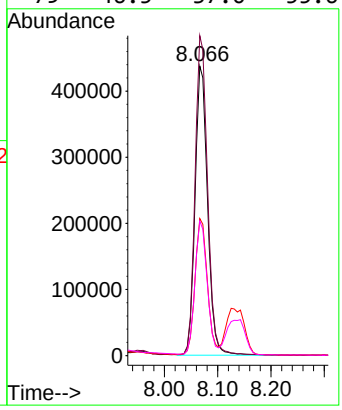


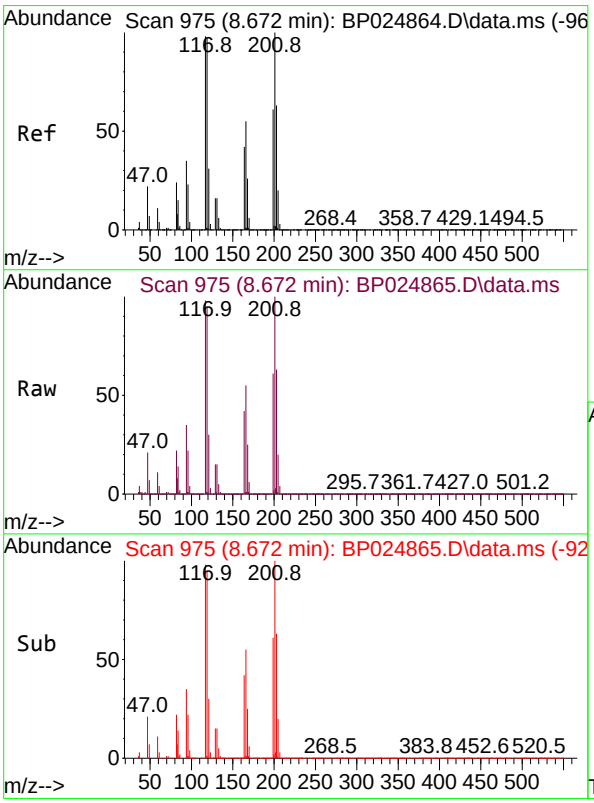
#17
2-Methylphenol
Concen: 53.013 ng
RT: 8.066 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 712455

Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.6	132.8
77	47.4	38.5	57.7
79	46.5	37.0	55.6

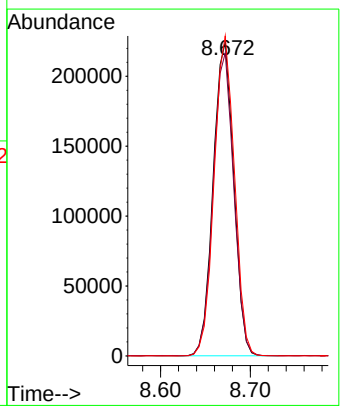


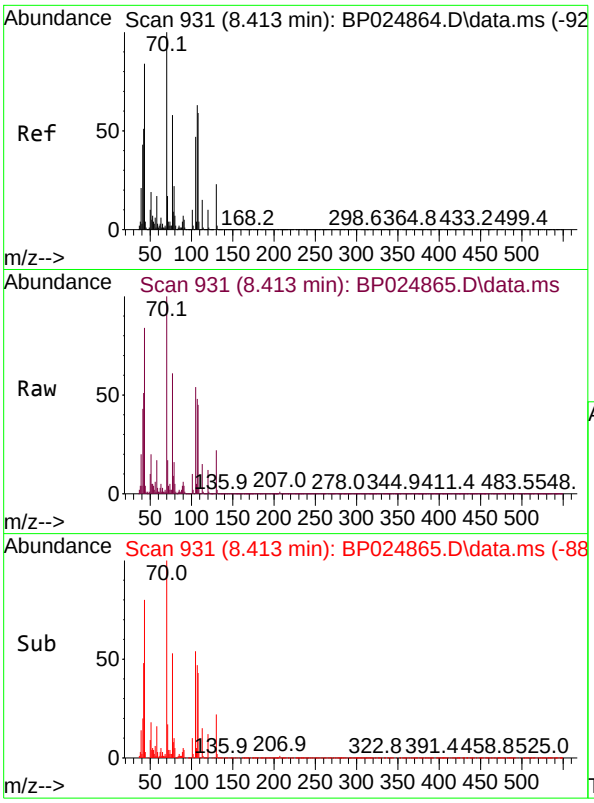


#18
Hexachloroethane
Concen: 53.107 ng
RT: 8.672 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:117 Resp: 359979

Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
201	102.1	81.4	122.2



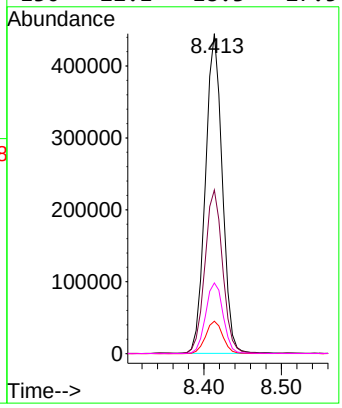


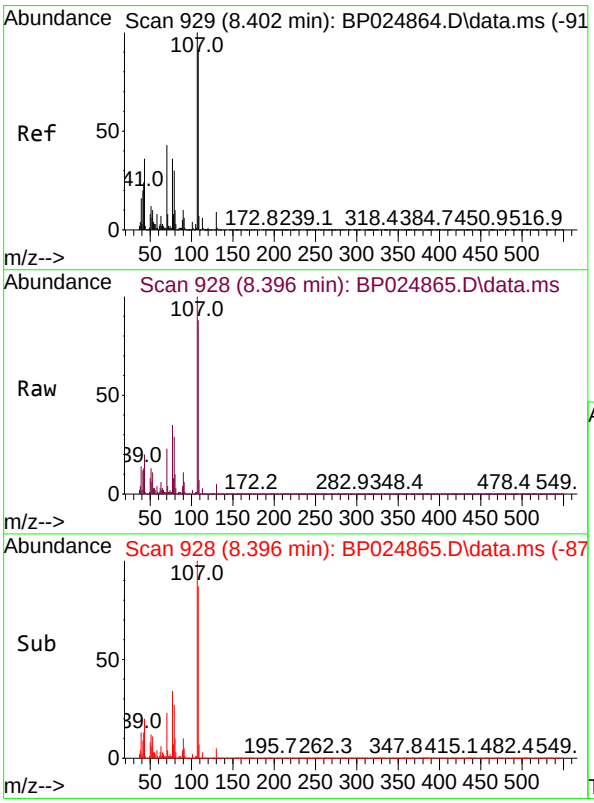
#19
n-Nitroso-di-n-propylamine
Concen: 52.919 ng
RT: 8.413 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 671592

Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.2	61.8
101	10.1	8.3	12.5
130	22.1	18.3	27.5

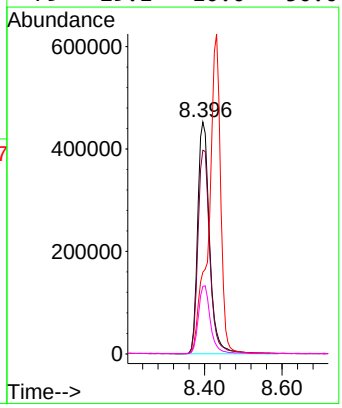


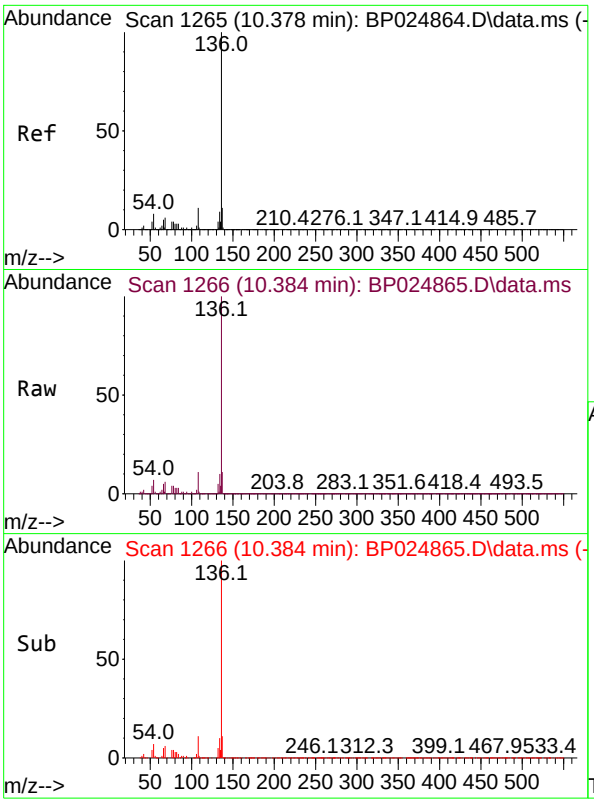


#20
3+4-Methylphenols
Concen: 52.385 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:107 Resp: 960504

Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.7	110.7
77	35.2	16.6	56.6
79	29.1	10.0	50.0



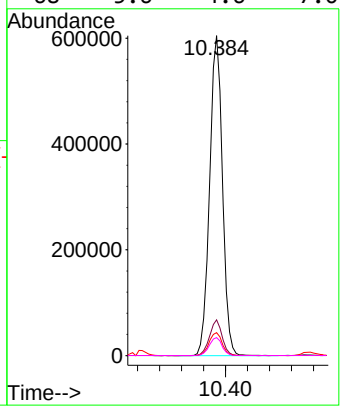


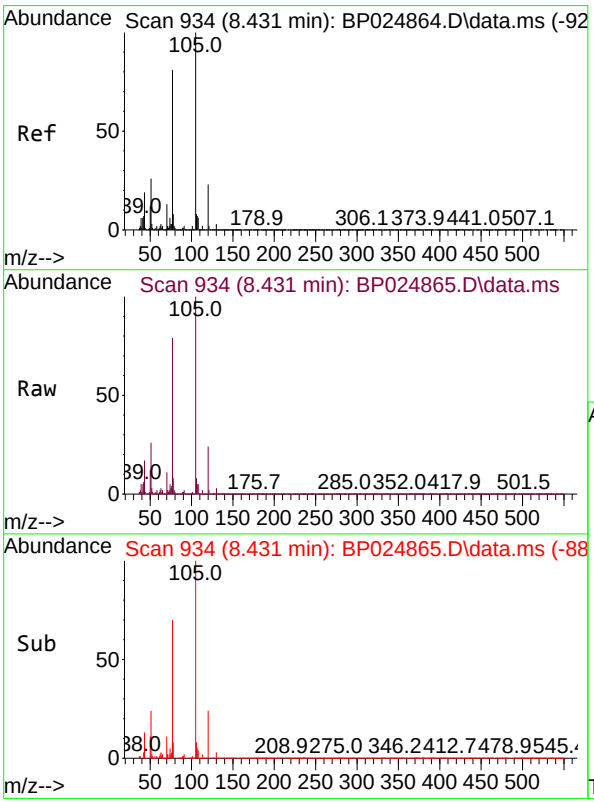
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 975092

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.6	4.6	7.0

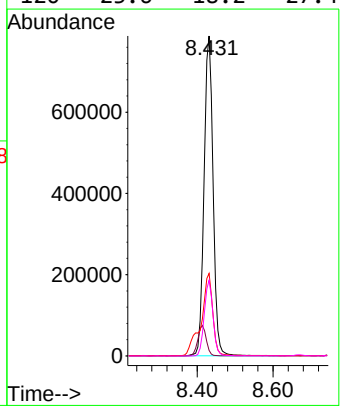


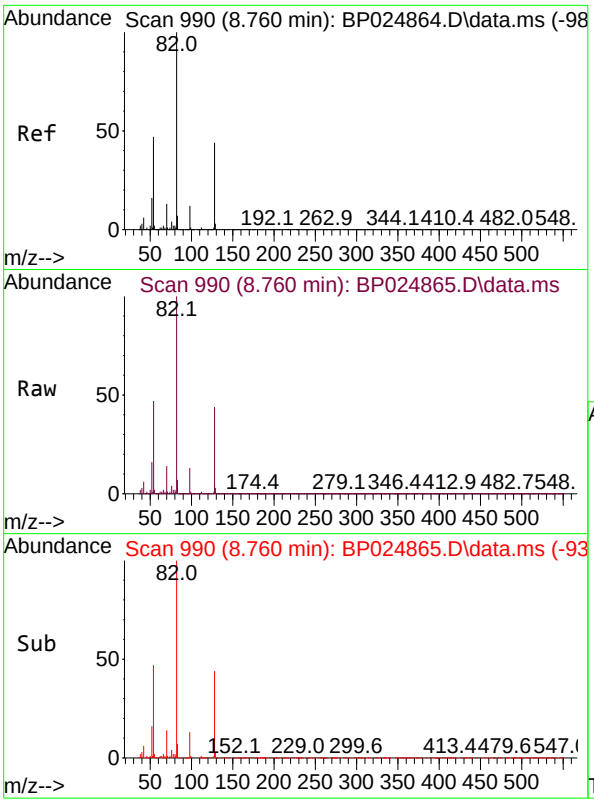


#22
Acetophenone
Concen: 52.966 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:105 Resp: 1304864

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.6	2.4
51	25.8	20.6	31.0
120	23.6	18.2	27.4



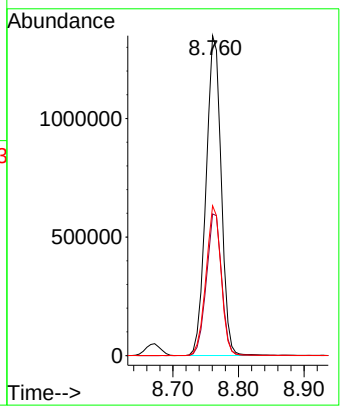


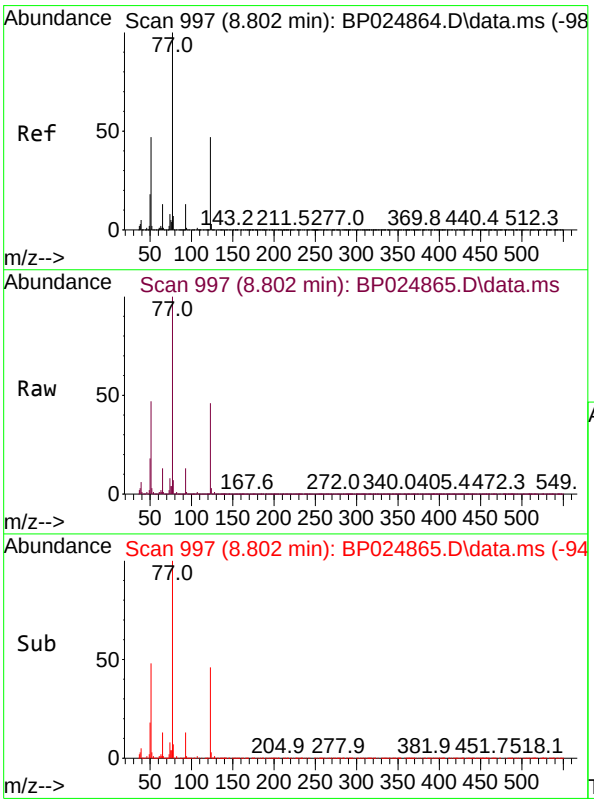
#23
Nitrobenzene-d5
Concen: 107.931 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2165794

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.3	52.9
54	46.8	37.4	56.0

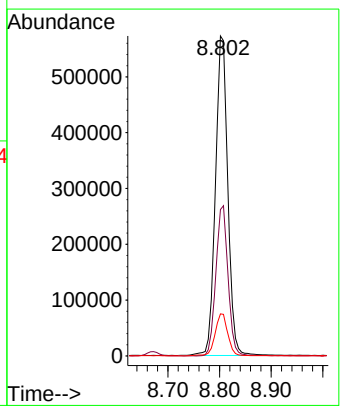


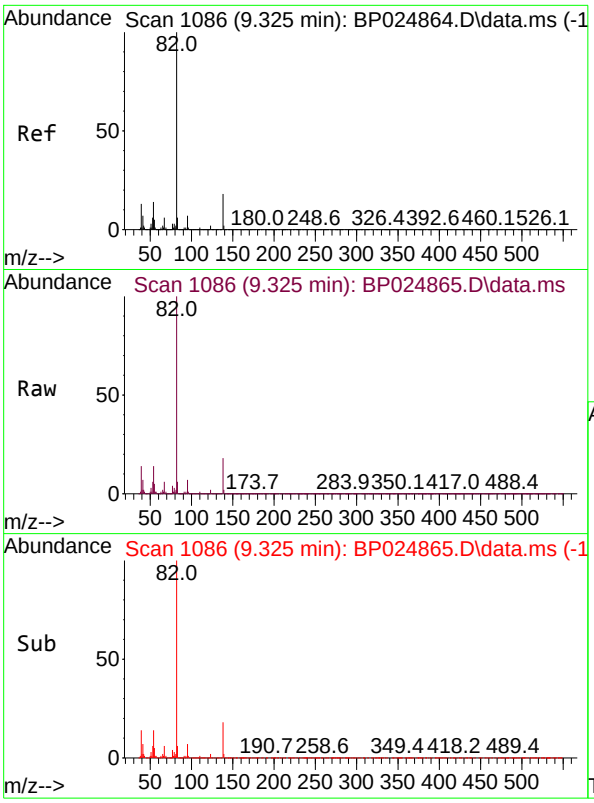


#24
Nitrobenzene
Concen: 53.620 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 77 Resp: 955872

Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.3	55.9
65	13.1	10.8	16.2



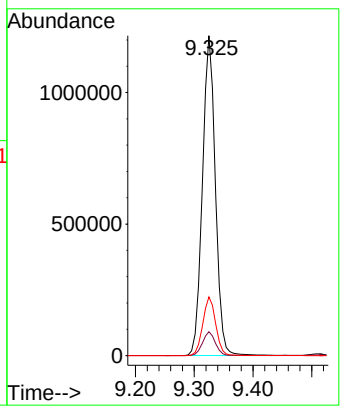


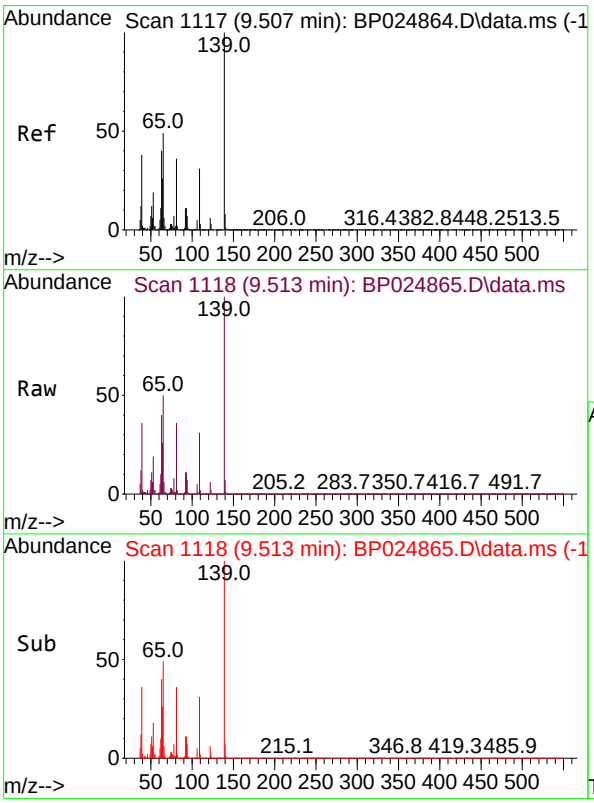
#25
Isophorone
Concen: 53.556 ng
RT: 9.325 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1862532

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	18.3	14.6	21.8

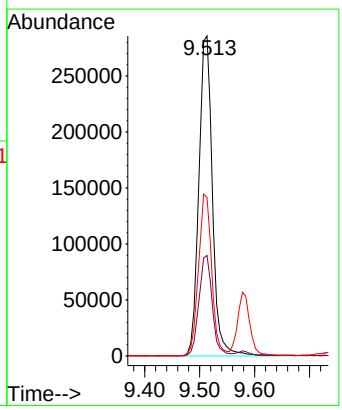


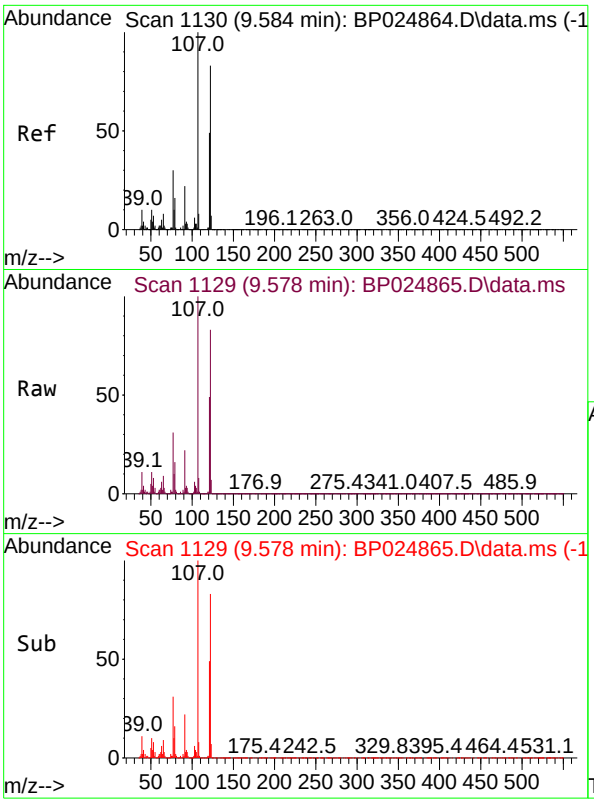


#26
2-Nitrophenol
Concen: 55.657 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:139 Resp: 489550

Ion	Ratio	Lower	Upper
139	100		
109	31.4	24.6	37.0
65	49.5	39.5	59.3



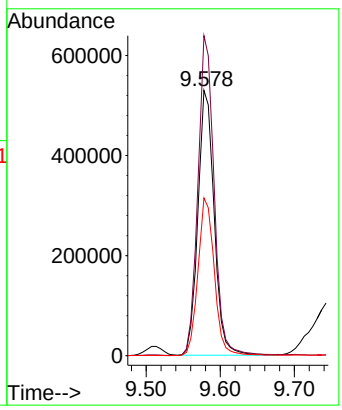


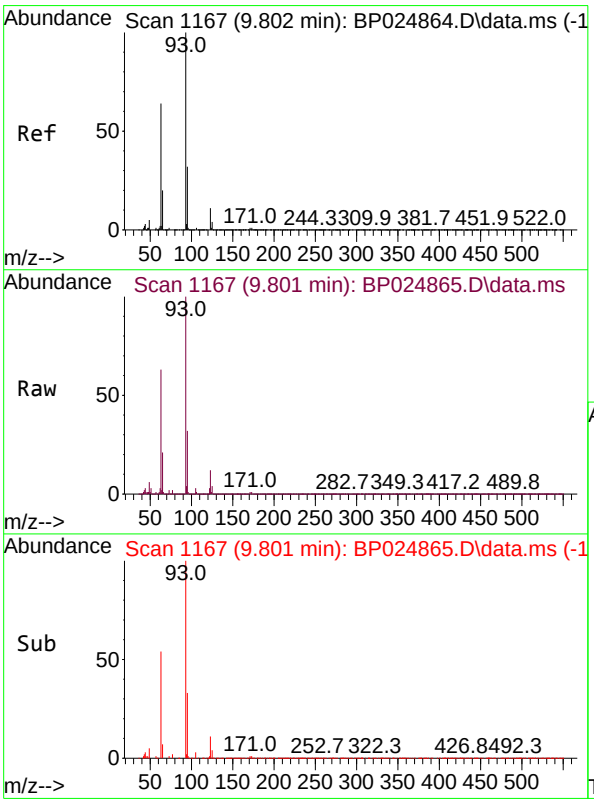
#27
2,4-Dimethylphenol
Concen: 53.602 ng
RT: 9.578 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 806896

Ion	Ratio	Lower	Upper
122	100		
107	120.7	96.2	144.4
121	59.5	47.0	70.4

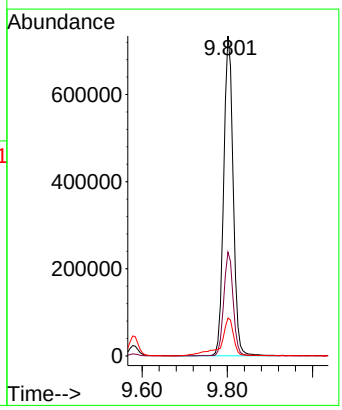


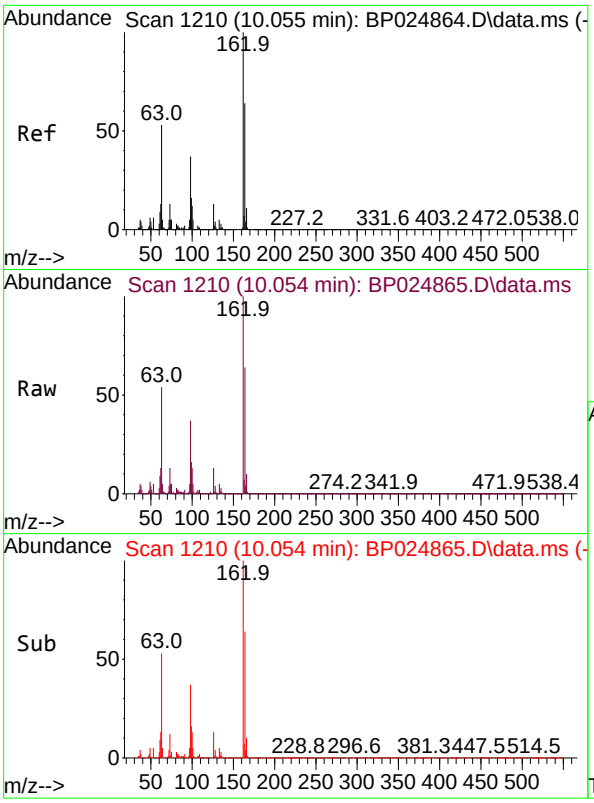


#28
bis(2-Chloroethoxy)methane
Concen: 54.643 ng
RT: 9.801 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 93 Resp: 1133590

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.8	9.2	13.8



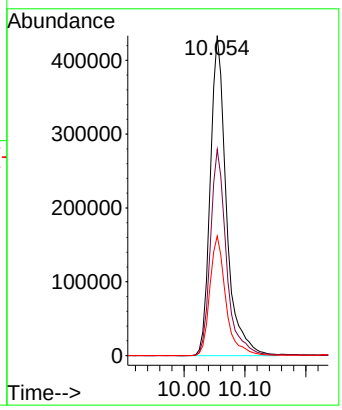


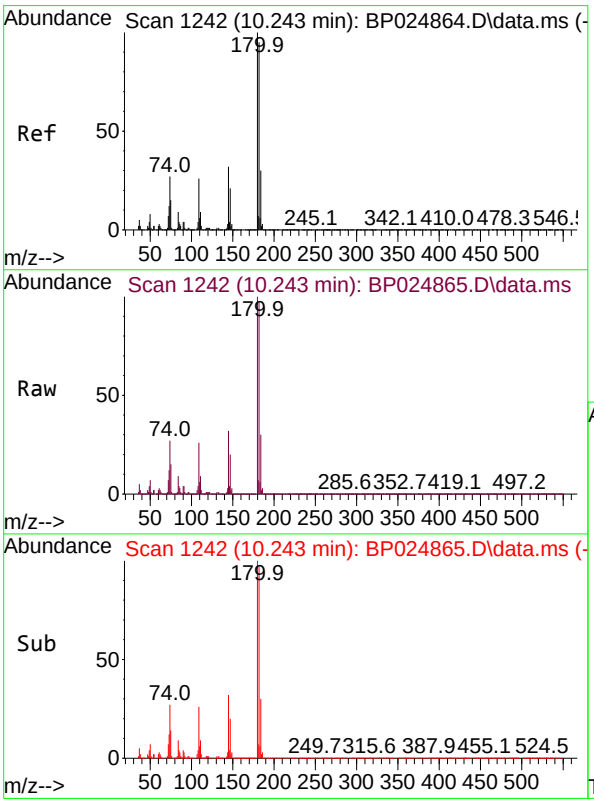
#29
2,4-Dichlorophenol
Concen: 55.201 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 797316

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.0	84.0
98	37.4	16.9	56.9

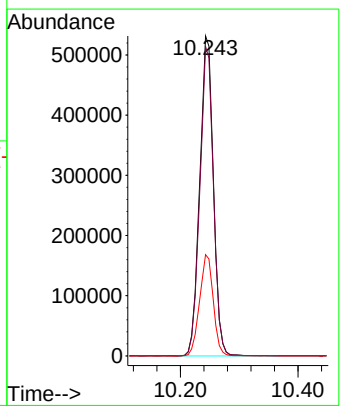


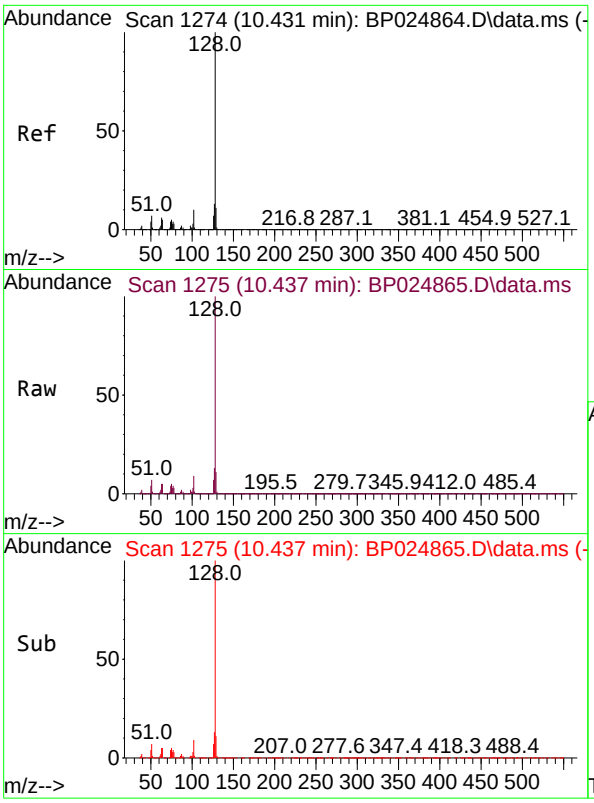


#30
1,2,4-Trichlorobenzene
Concen: 52.640 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:180 Resp: 857570

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	31.7	25.7	38.5



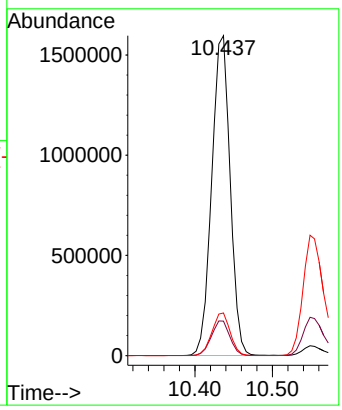


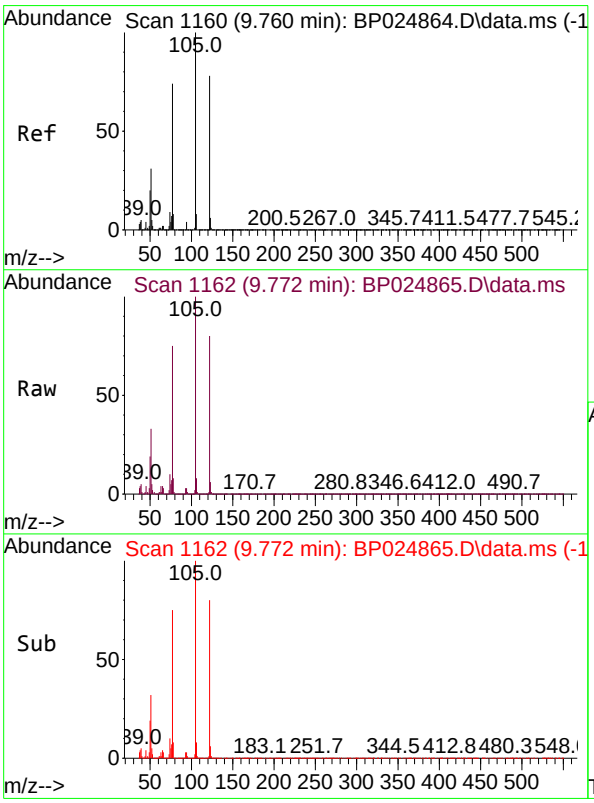
#31
Naphthalene
Concen: 52.637 ng
RT: 10.437 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 2630251

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.3	10.7	16.1

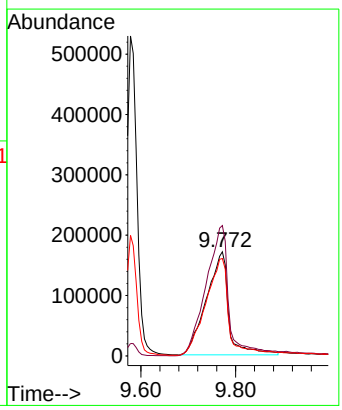


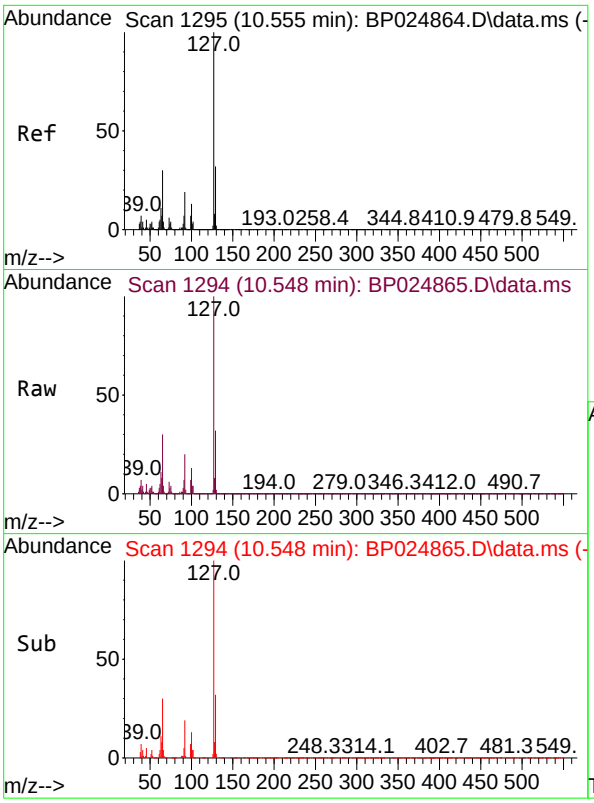


#32
Benzoic acid
Concen: 55.936 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:122 Resp: 561400

Ion	Ratio	Lower	Upper
122	100		
105	125.3	107.1	147.1
77	93.6	75.1	115.1



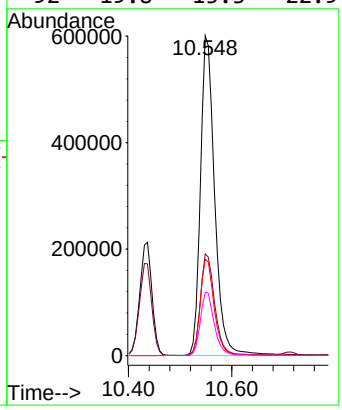


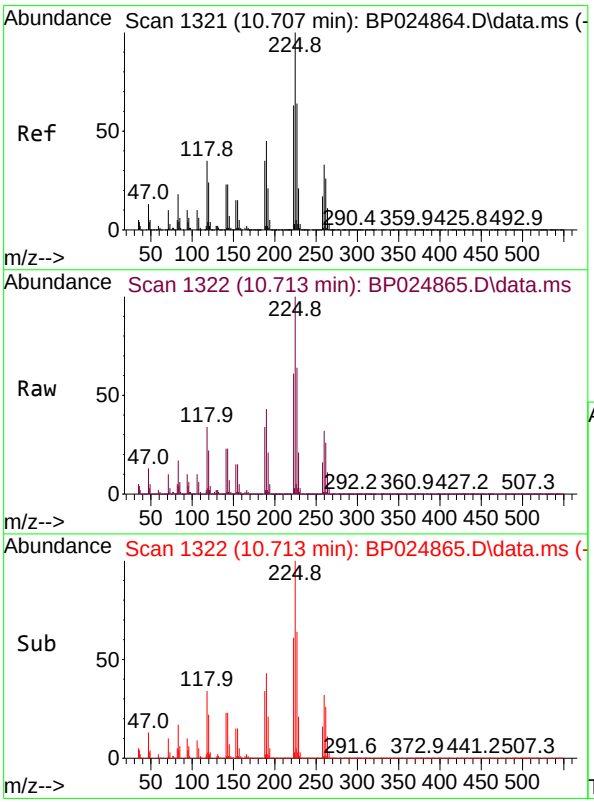
#33
4-Chloroaniline
Concen: 54.855 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1148401

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.1	23.9	35.9
92	19.8	15.3	22.9

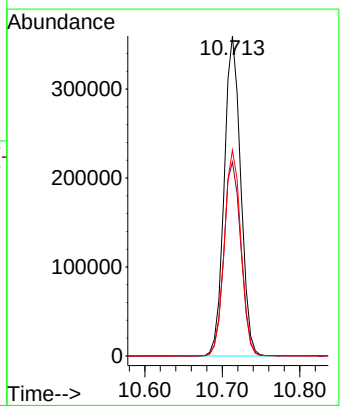


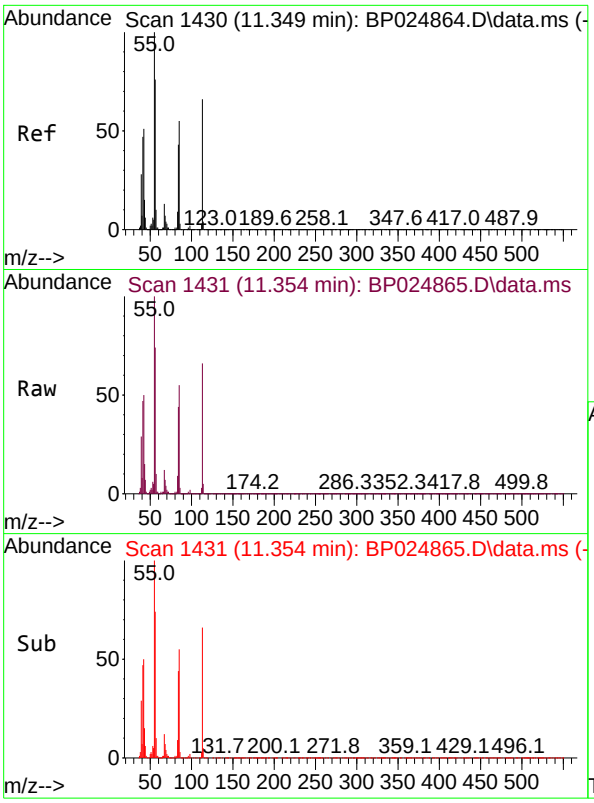


#34
Hexachlorobutadiene
Concen: 54.184 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:225 Resp: 532031

Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.5	75.7
227	64.3	51.4	77.2



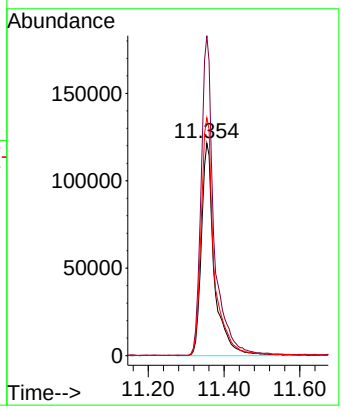


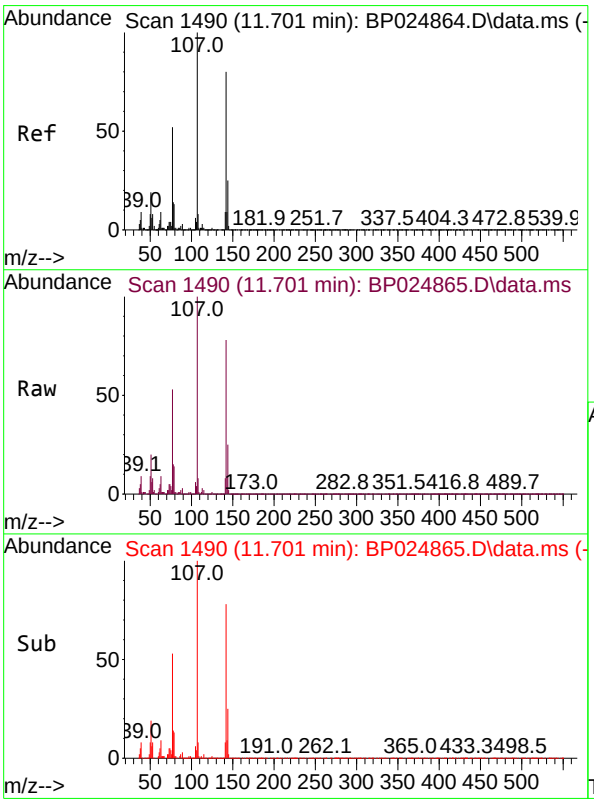
#35
Caprolactam
Concen: 54.183 ng
RT: 11.354 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 288081

Ion	Ratio	Lower	Upper
113	100		
55	150.6	132.5	172.5
56	112.0	96.0	136.0

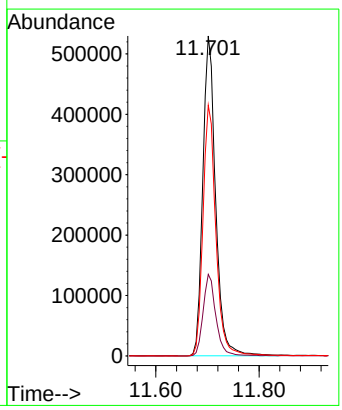


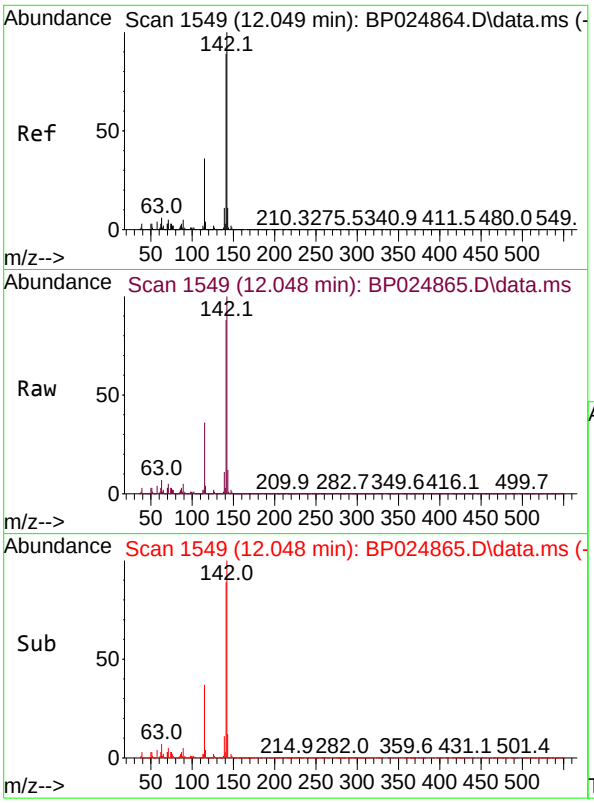


#36
4-Chloro-3-methylphenol
Concen: 54.747 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:107 Resp: 912092

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	78.3	63.8	95.6



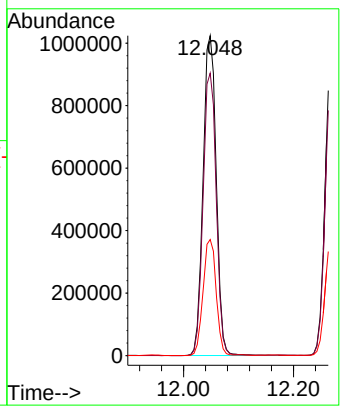


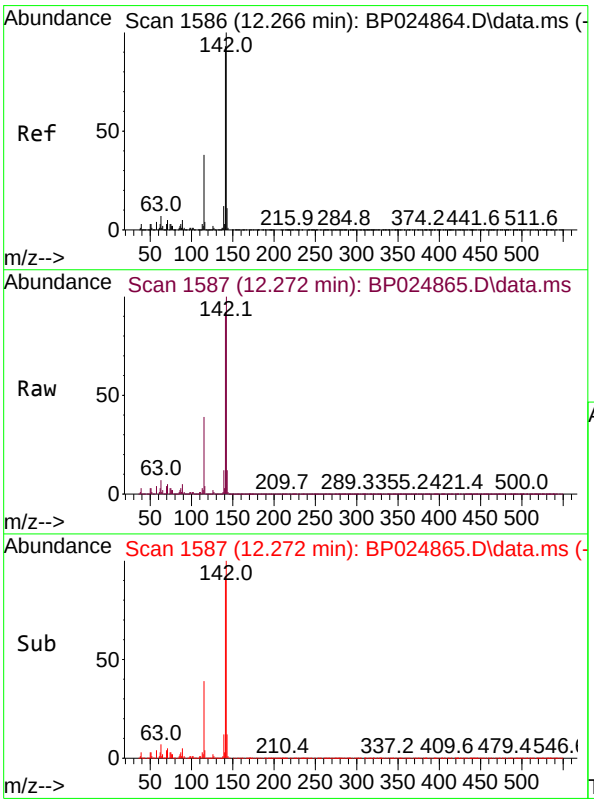
#37
2-Methylnaphthalene
Concen: 53.539 ng
RT: 12.048 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 1697018

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8
115	36.3	28.5	42.7

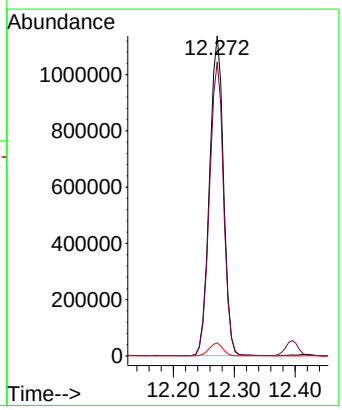


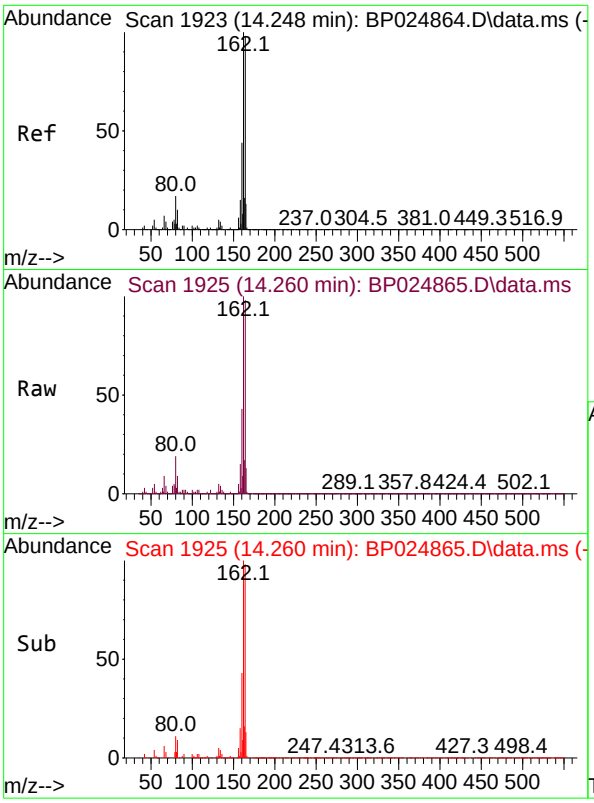


#38
1-Methylnaphthalene
Concen: 53.333 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:142 Resp: 1807332

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	4.1	3.4	5.0



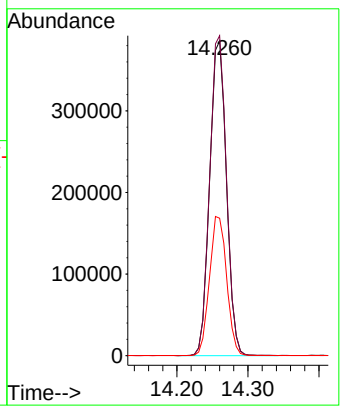


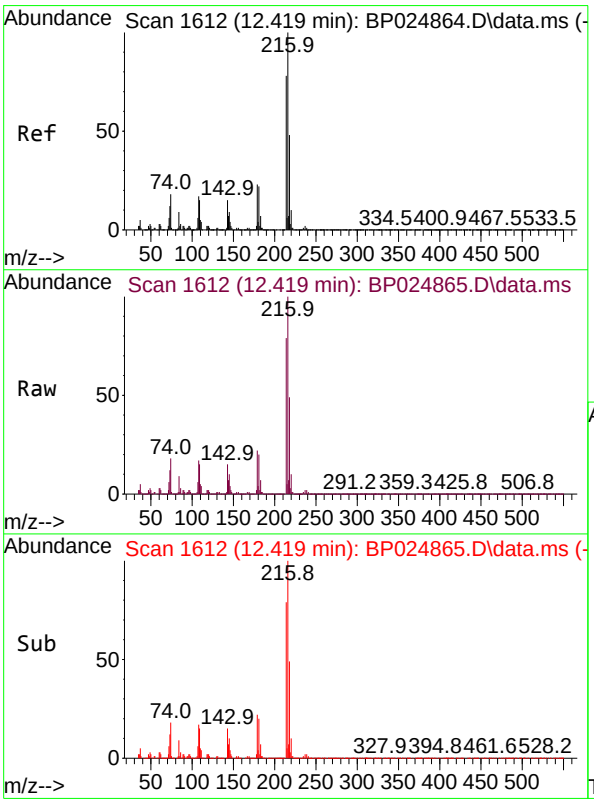
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 19
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 631564

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.6	122.4
160	43.7	36.2	54.2

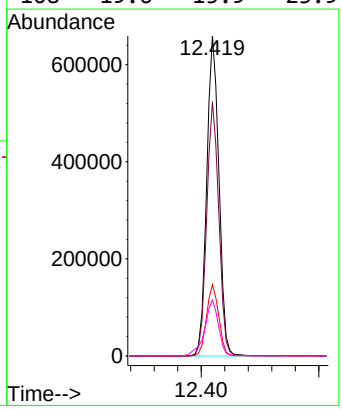


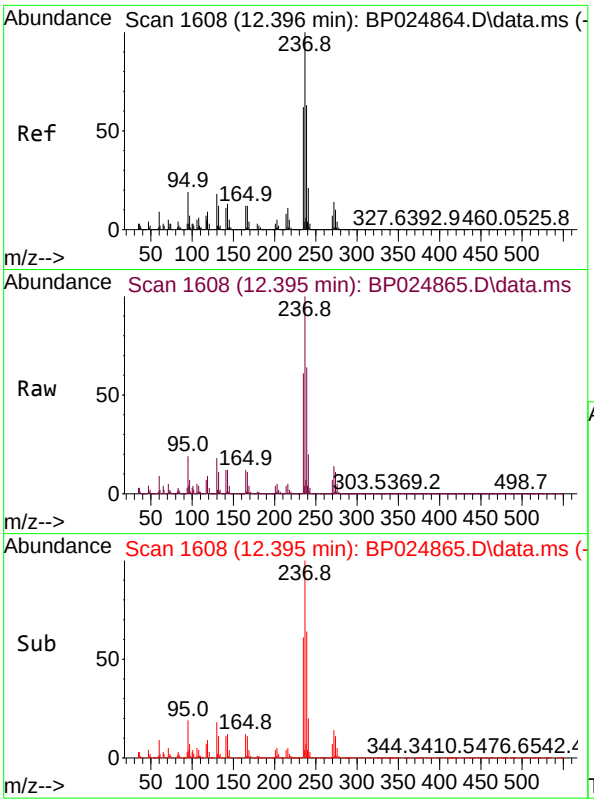


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.992 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:216 Resp: 949667

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.2	17.8	26.6
108	19.6	15.9	23.9



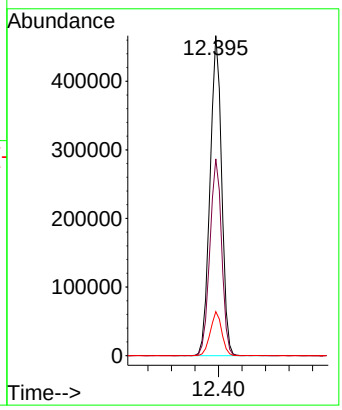


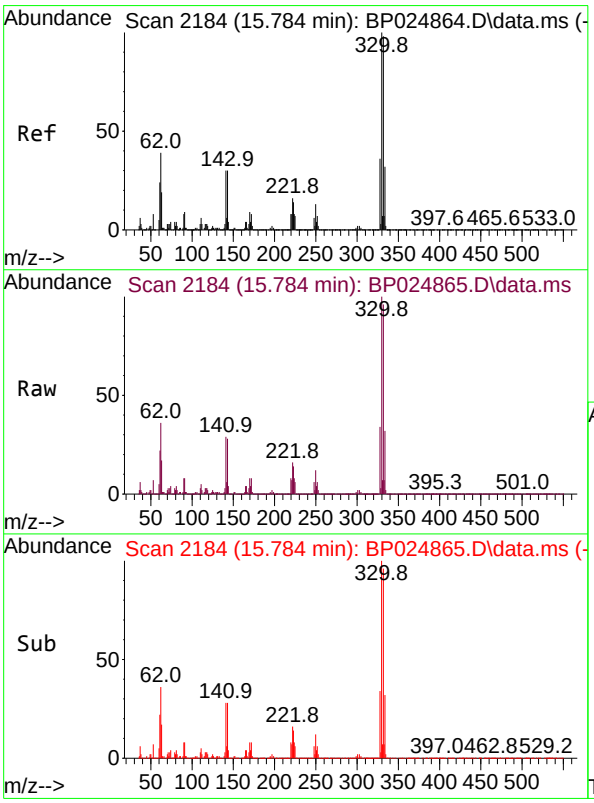
#41
Hexachlorocyclopentadiene
Concen: 58.420 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 638568

Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.9	81.9
272	13.7	0.0	33.7

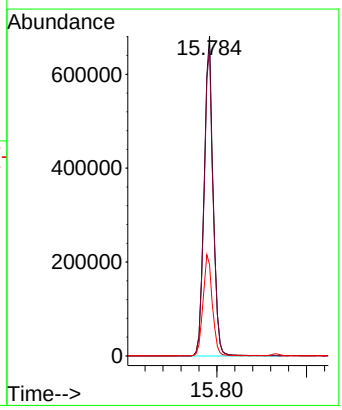


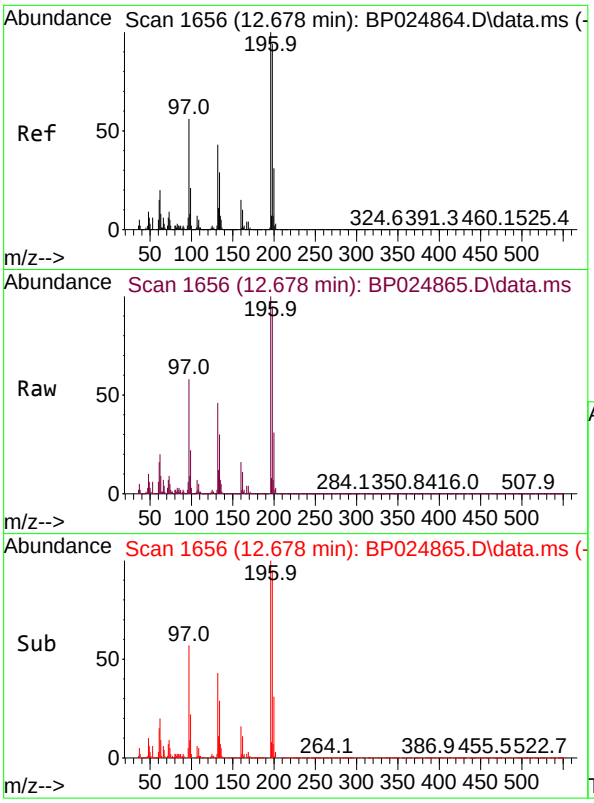


#42
2,4,6-Tribromophenol
Concen: 107.721 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:330 Resp: 940592

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.9	26.4	39.6



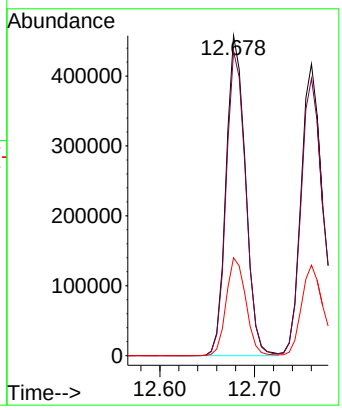


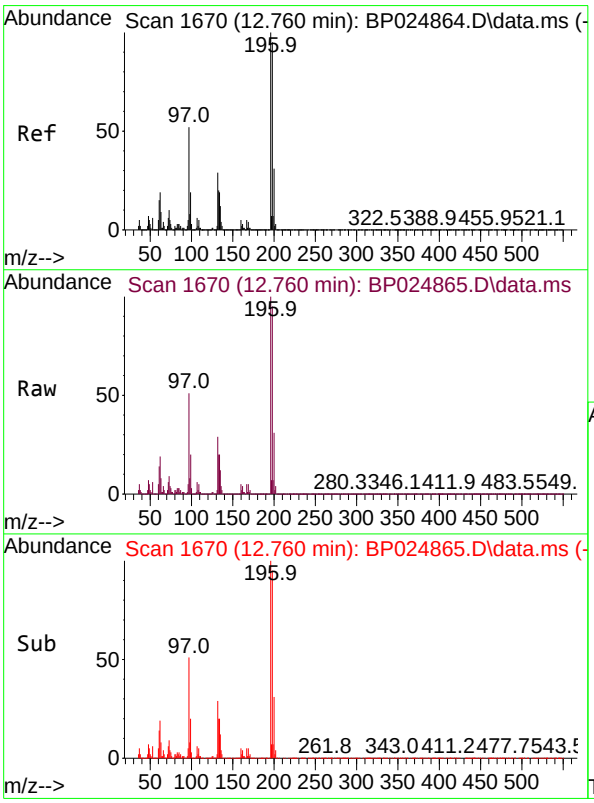
#43
2,4,6-Trichlorophenol
Concen: 53.966 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 649483

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.0
200	30.6	24.4	36.6

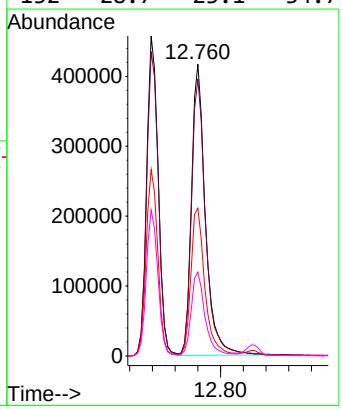


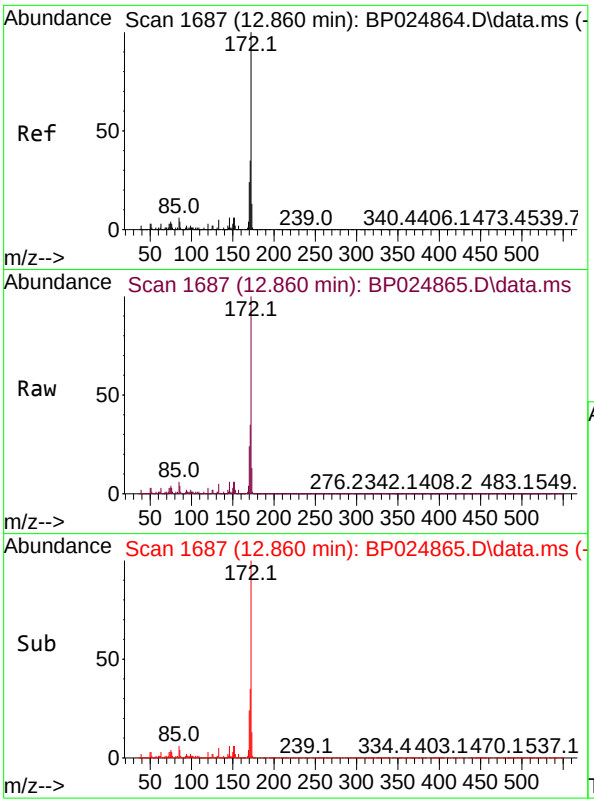


#44
2,4,5-Trichlorophenol
Concen: 54.908 ng
RT: 12.760 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:196 Resp: 707702

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.0	114.0
97	50.6	41.5	62.3
132	28.7	23.1	34.7



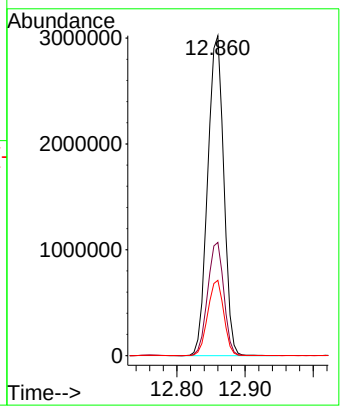


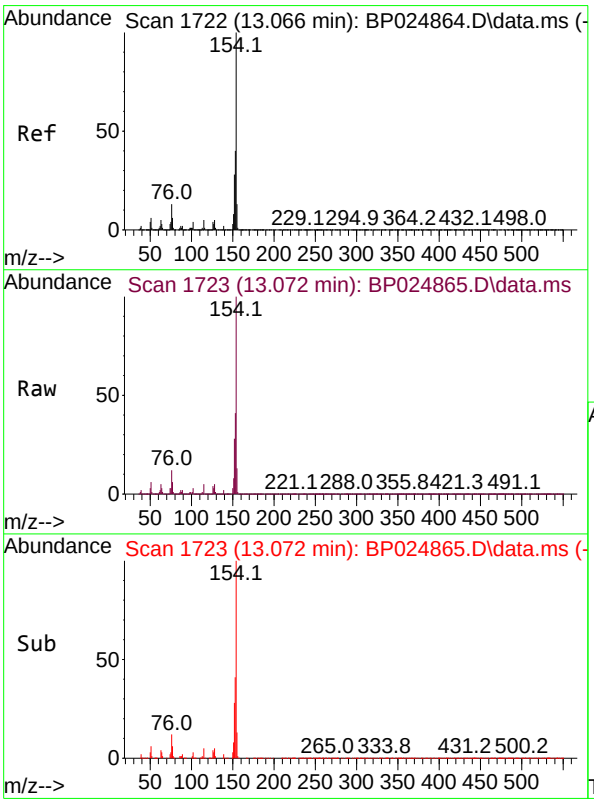
#45
2-Fluorobiphenyl
Concen: 105.263 ng
RT: 12.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 4934980

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.5	19.0	28.4

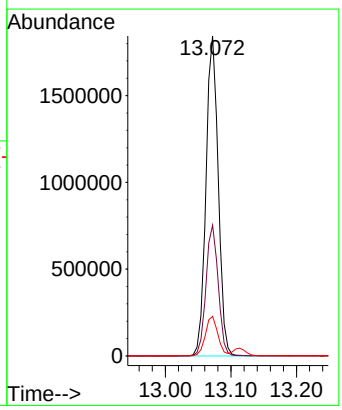


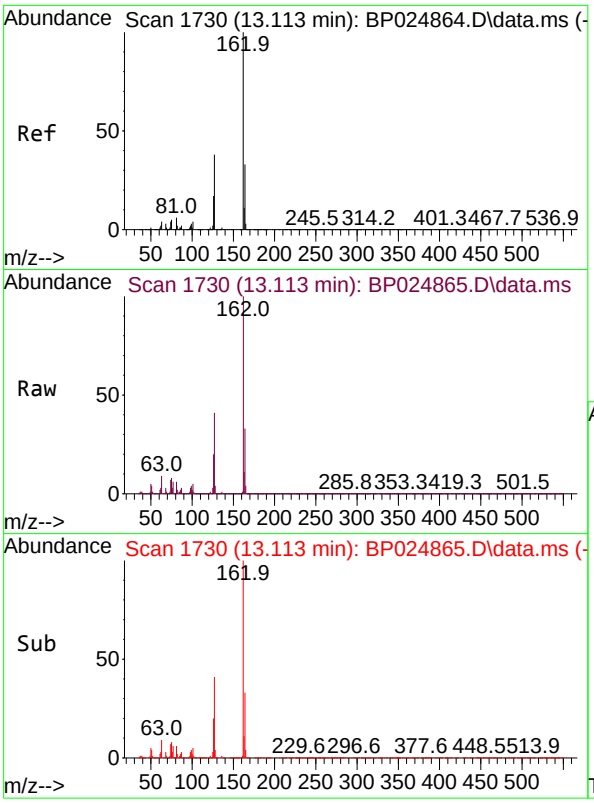


#46
1,1'-Biphenyl
Concen: 51.916 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:154 Resp: 2382821

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	12.4	0.0	33.0



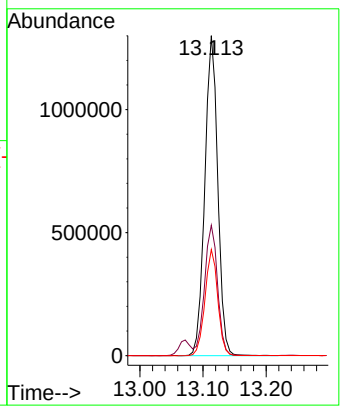


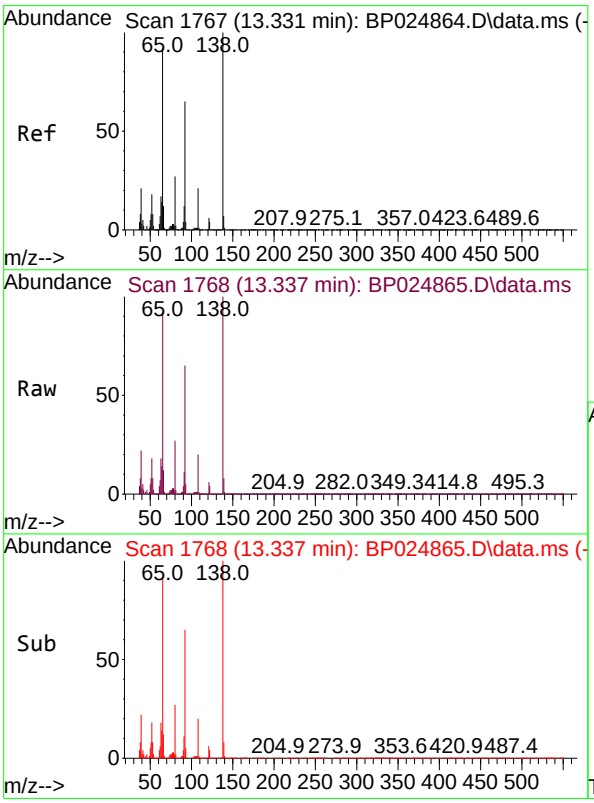
#47
2-Chloronaphthalene
Concen: 52.435 ng
RT: 13.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1849683

Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.5	48.7
164	33.1	26.2	39.2

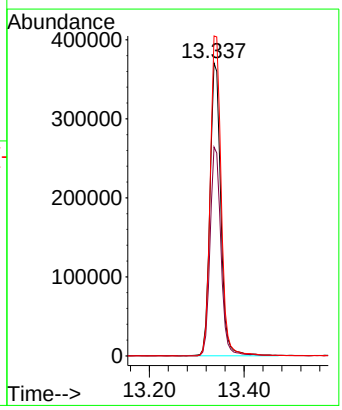


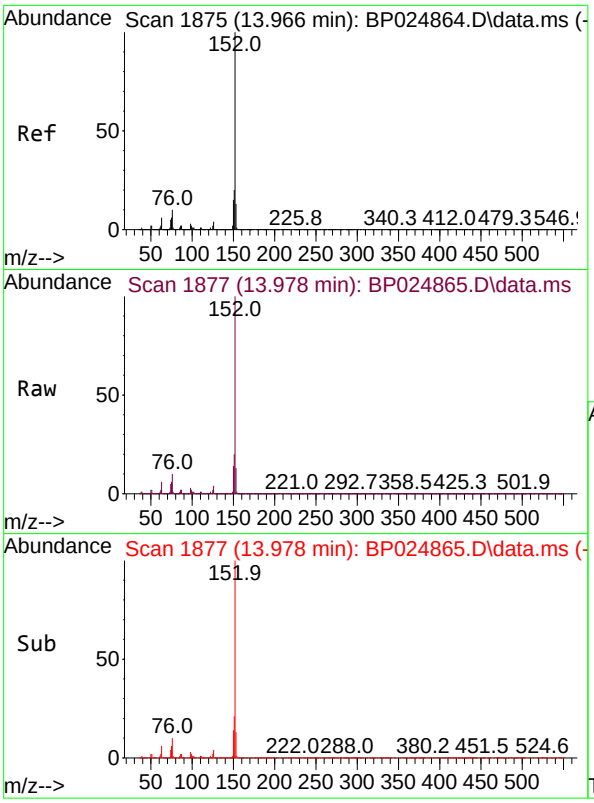


#48
2-Nitroaniline
Concen: 54.079 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 65 Resp: 586484

Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.8	85.2
138	109.3	86.9	130.3



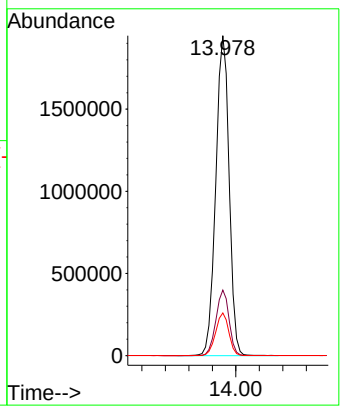


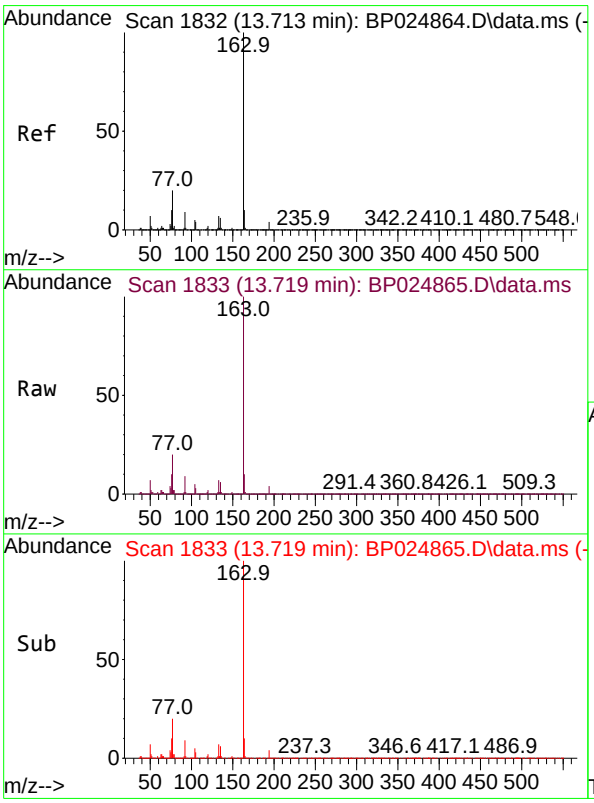
#49
Acenaphthylene
Concen: 52.061 ng
RT: 13.978 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3062130

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.3	10.6	15.8

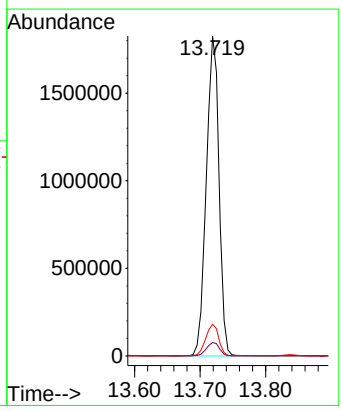


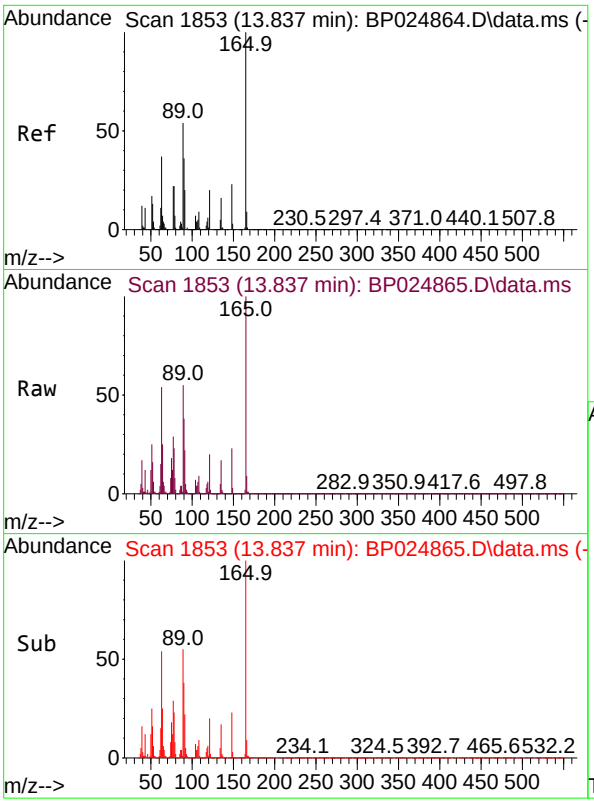


#50
Dimethylphthalate
Concen: 52.527 ng
RT: 13.719 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:163 Resp: 2447212

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.0	12.0



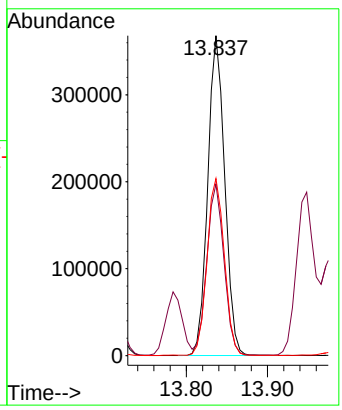


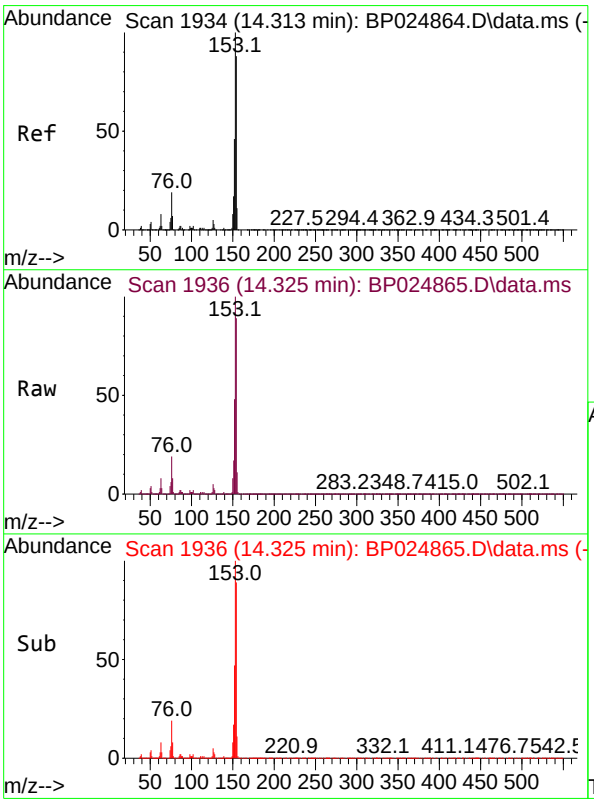
#51
2,6-Dinitrotoluene
Concen: 53.272 ng
RT: 13.837 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 535050

Ion	Ratio	Lower	Upper
165	100		
63	53.7	41.8	62.8
89	55.3	43.1	64.7

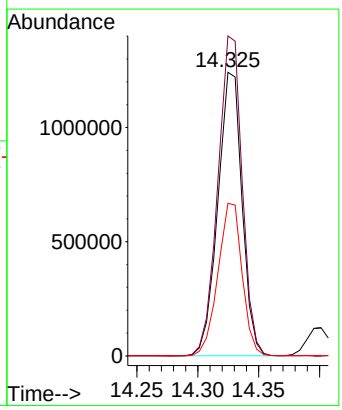


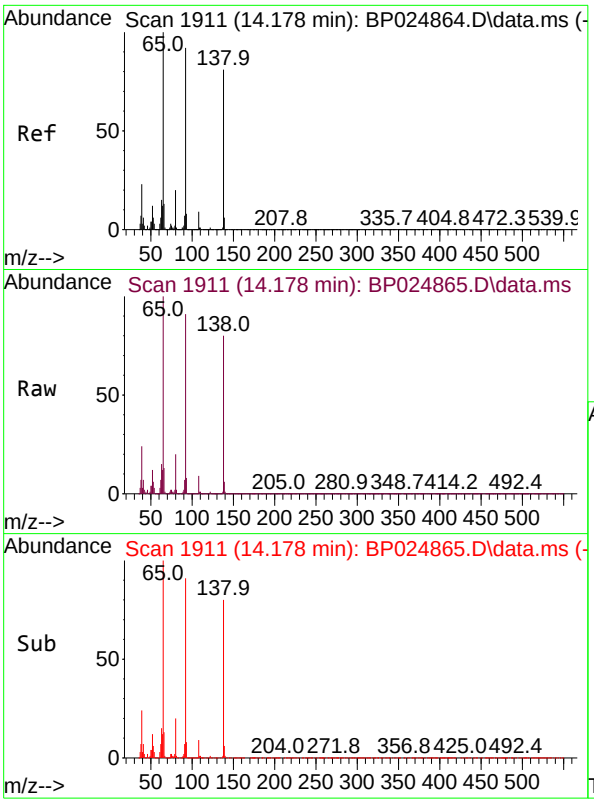


#52
Acenaphthene
Concen: 50.924 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:154 Resp: 1716357

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	53.8	42.1	63.1



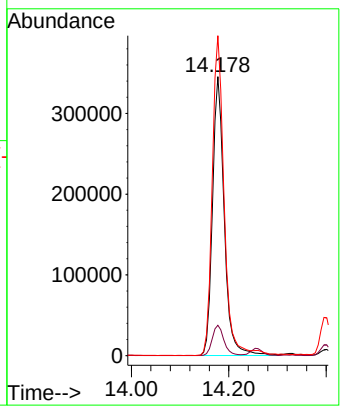


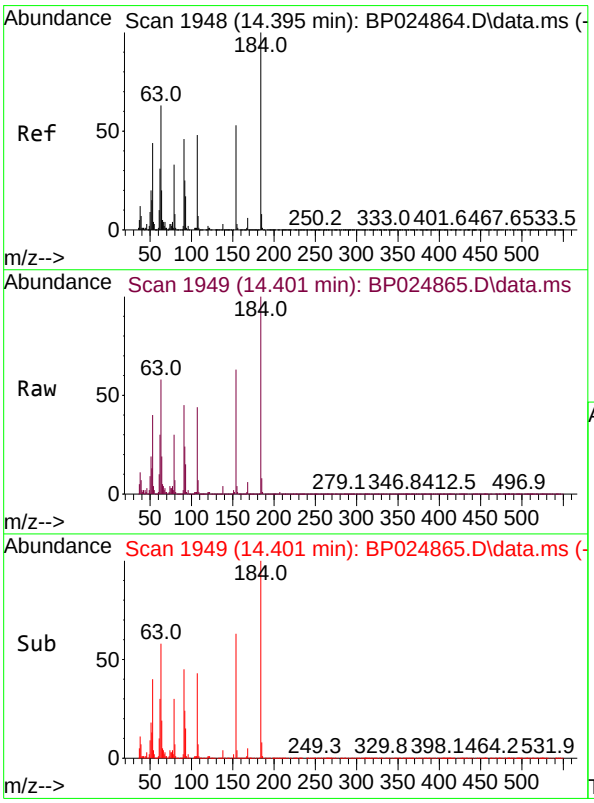
#53
3-Nitroaniline
Concen: 55.664 ng
RT: 14.178 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 580183

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	114.7	91.3	136.9

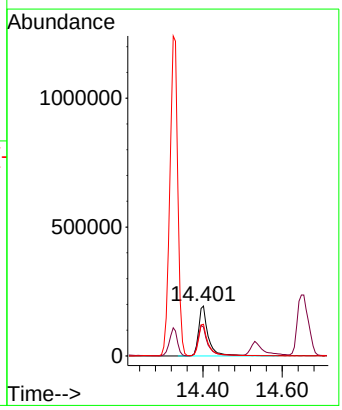


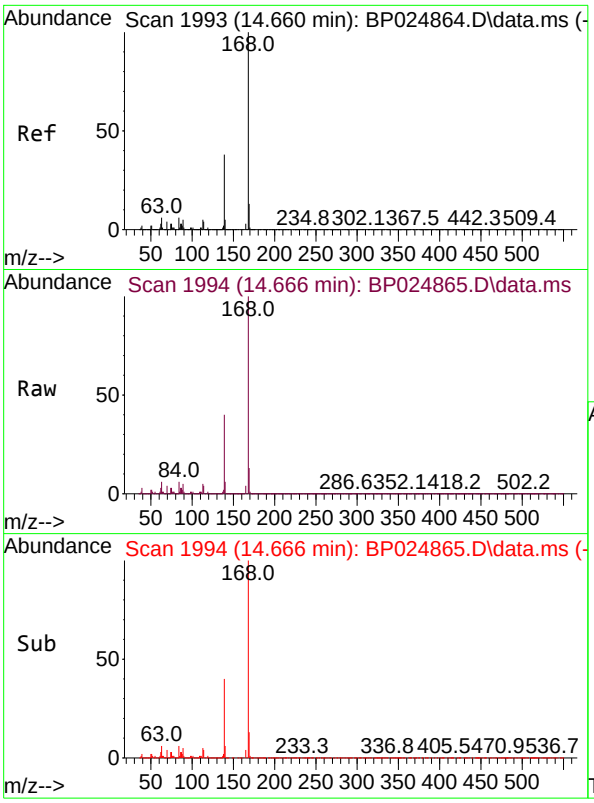


#54
2,4-Dinitrophenol
Concen: 51.248 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:184 Resp: 321110

Ion	Ratio	Lower	Upper
184	100		
63	57.7	51.0	76.4
154	63.4	51.7	77.5



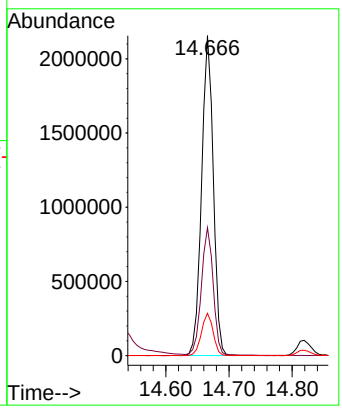


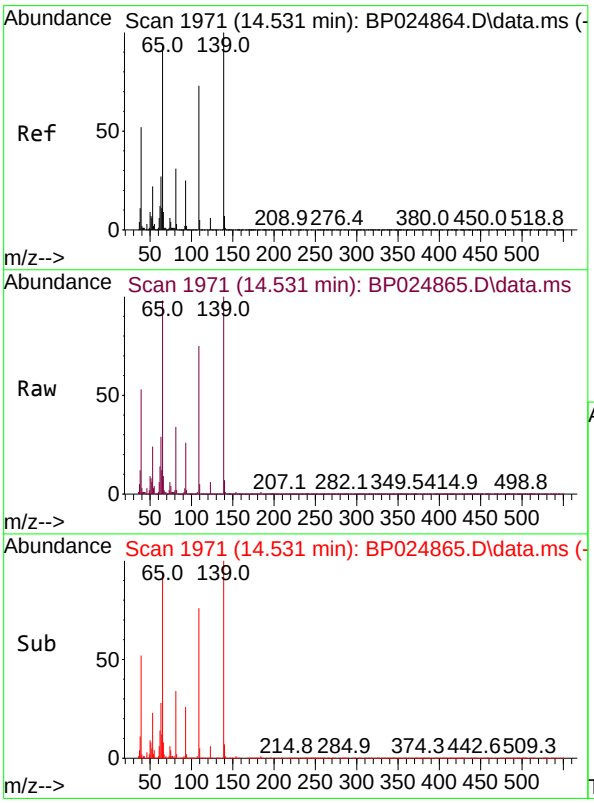
#55
Dibenzofuran
Concen: 51.272 ng
RT: 14.666 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 2773911

Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.6	47.4
169	13.2	10.6	15.8

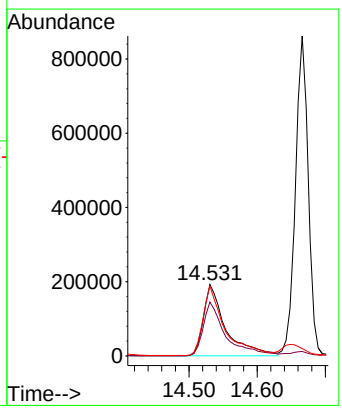


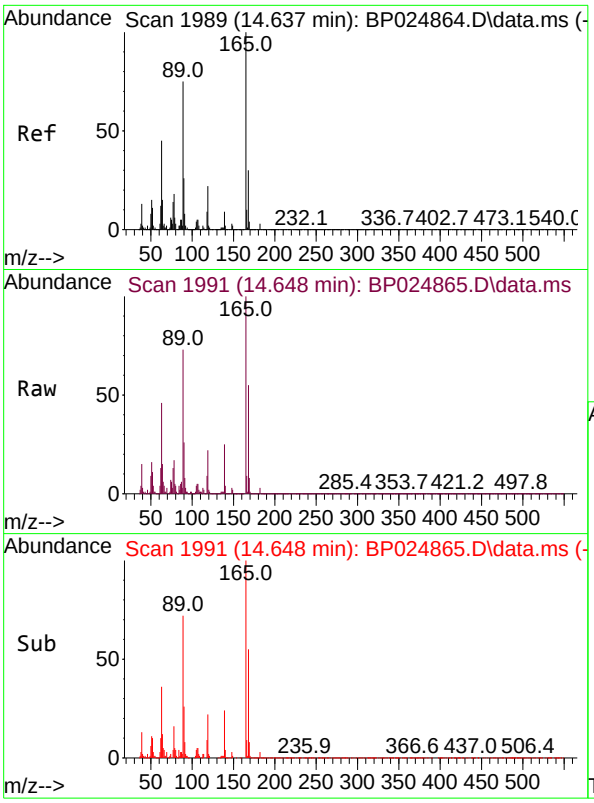


#56
4-Nitrophenol
Concen: 51.384 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:139 Resp: 435101

Ion	Ratio	Lower	Upper
139	100		
109	75.4	53.1	93.1
65	98.1	73.0	113.0



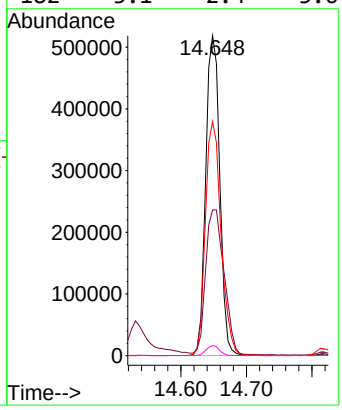


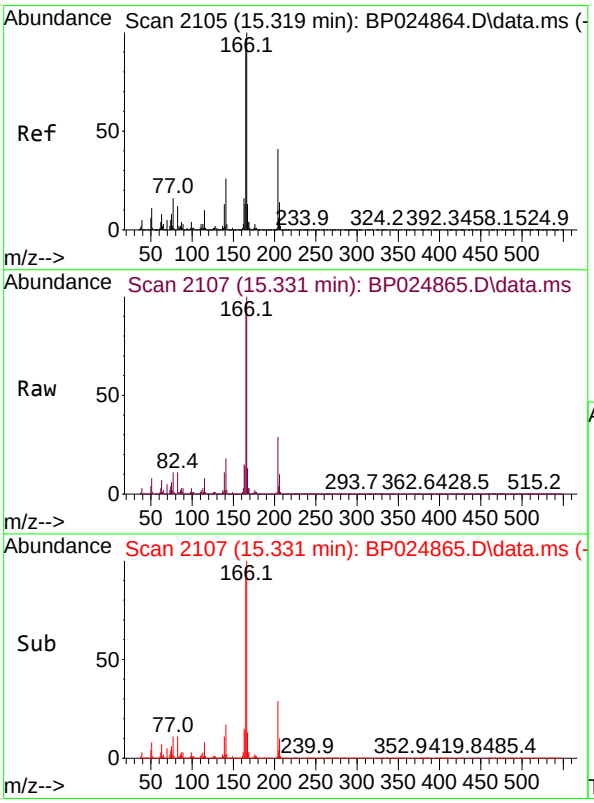
#57
2,4-Dinitrotoluene
Concen: 54.706 ng
RT: 14.648 min Scan# 19
Delta R.T. 0.011 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 768586

Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.0	55.6
89	73.2	60.1	90.1
182	3.1	2.4	3.6

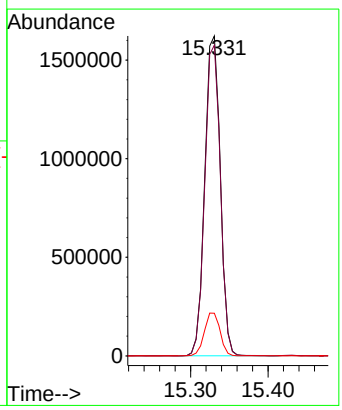


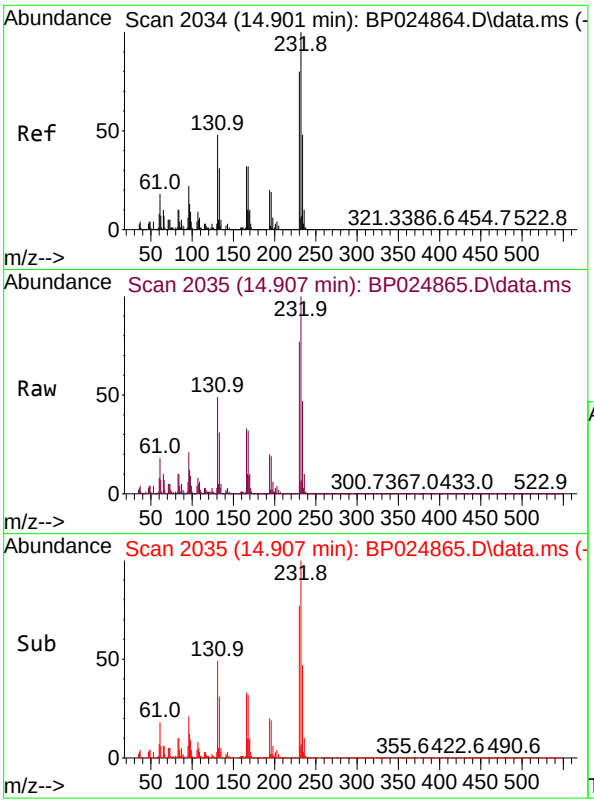


#58
Fluorene
Concen: 51.819 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:166 Resp: 2264731

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.4	10.6	16.0



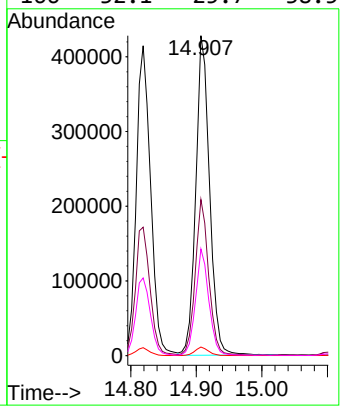


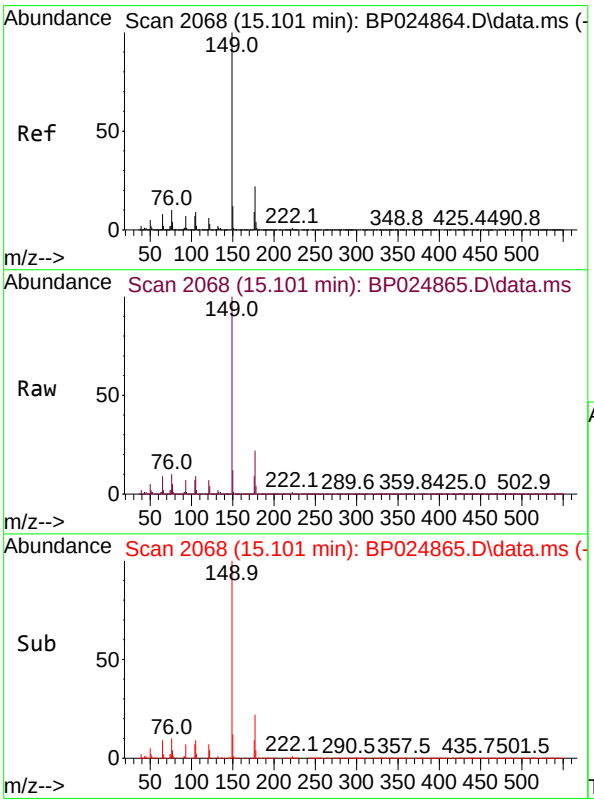
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.063 ng
RT: 14.907 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 623685

Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.2	57.2
130	2.6	2.1	3.1
166	32.1	25.7	38.5

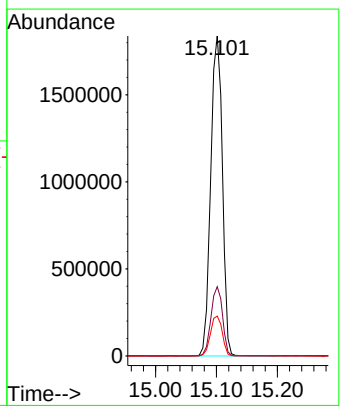


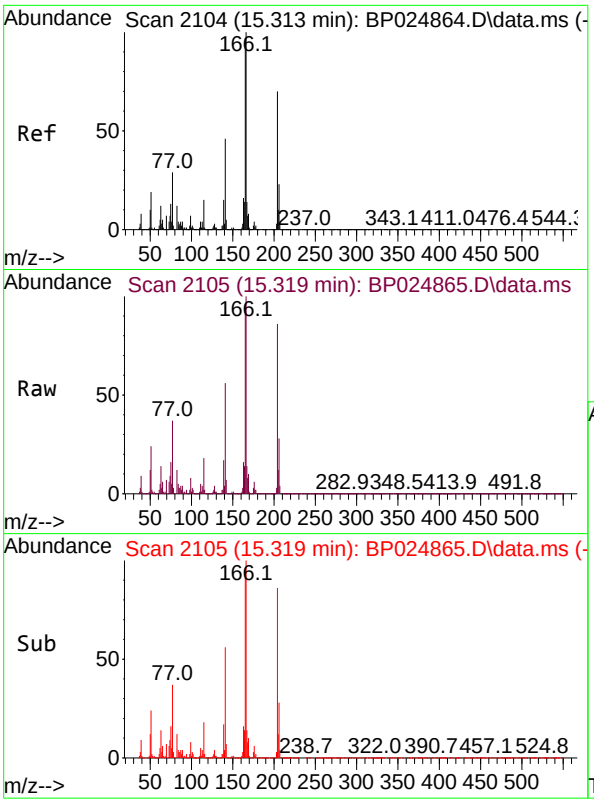


#60
Diethylphthalate
Concen: 52.523 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2438733

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	12.4	9.8	14.6



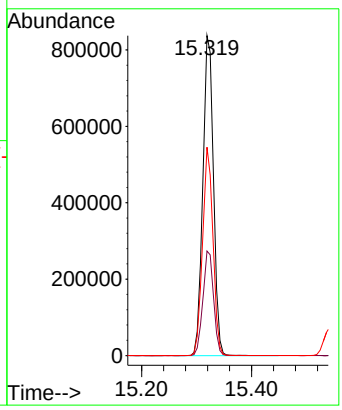


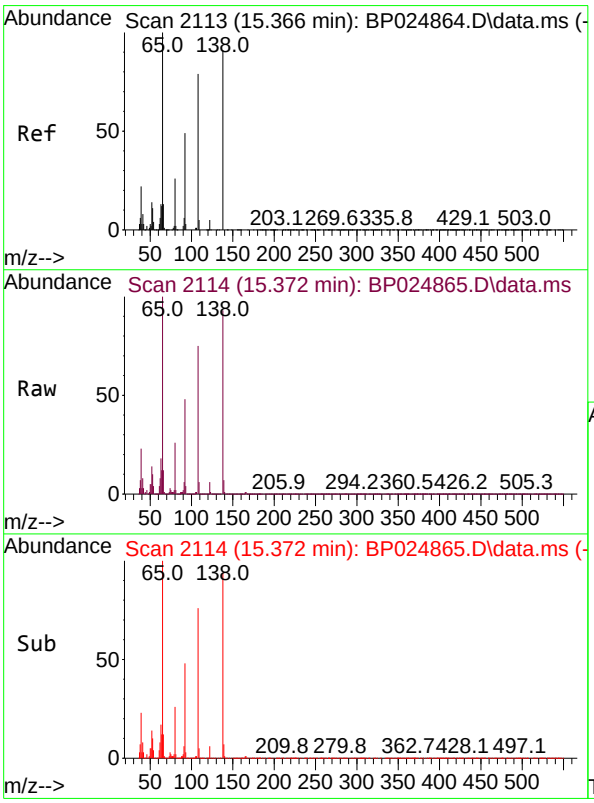
#61
4-Chlorophenyl-phenylether
Concen: 52.365 ng
RT: 15.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1118999

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	65.1	52.4	78.6

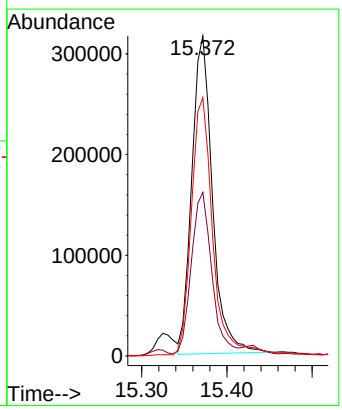


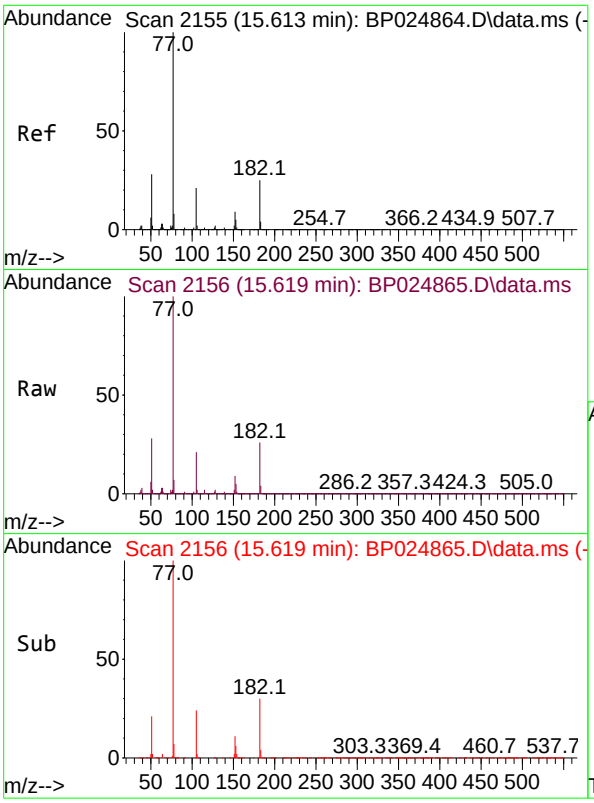


#62
4-Nitroaniline
Concen: 56.050 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:138 Resp: 530012

Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.5	73.5
108	80.7	65.1	105.1



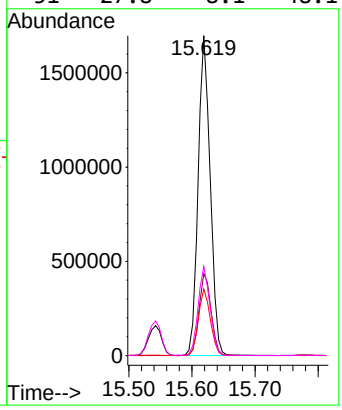


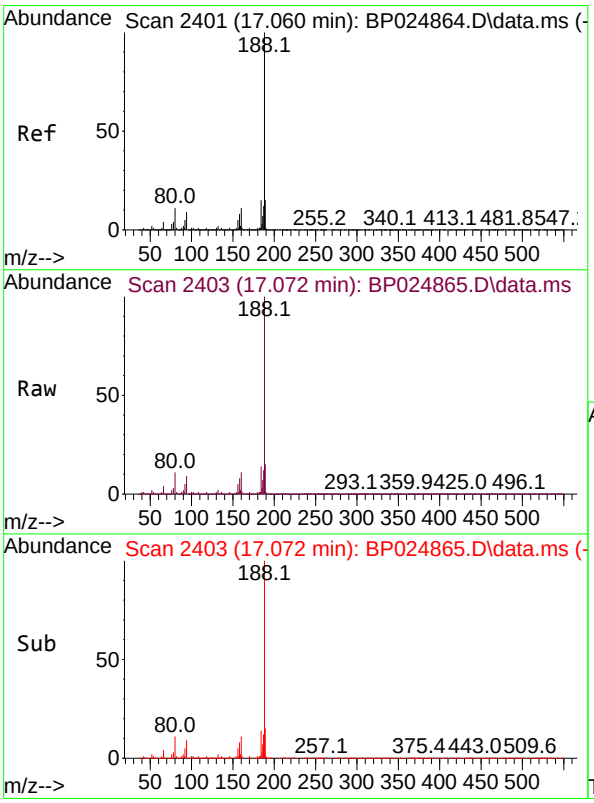
#63
Azobenzene
Concen: 52.821 ng
RT: 15.619 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2249353

Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.4	45.4
105	20.8	0.8	40.8
51	27.8	8.1	48.1

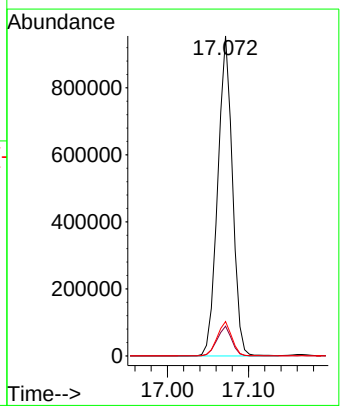


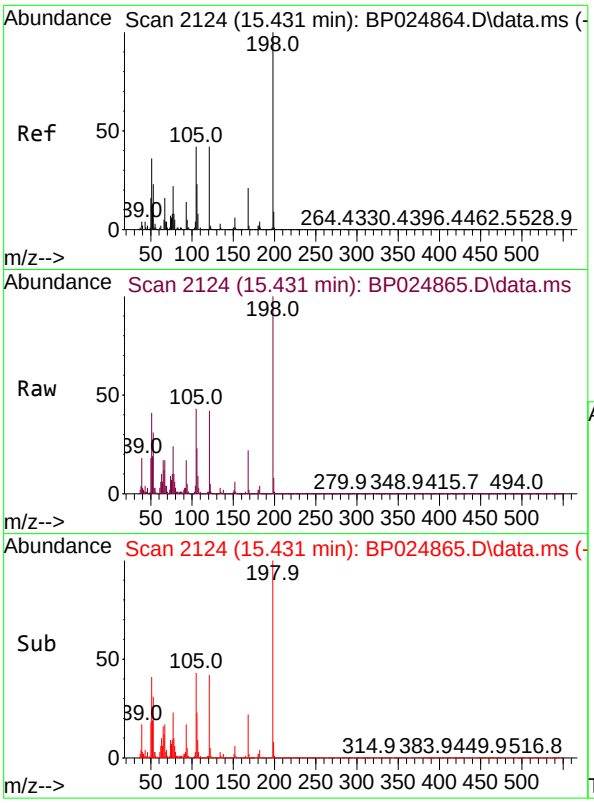


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:188 Resp: 1197709

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.3	10.9
80	10.7	8.5	12.7



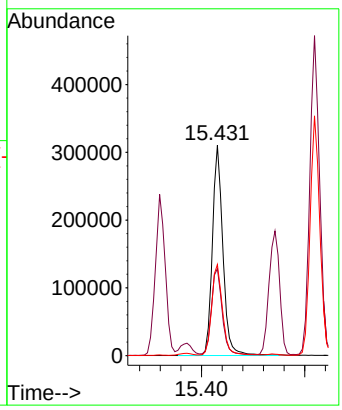


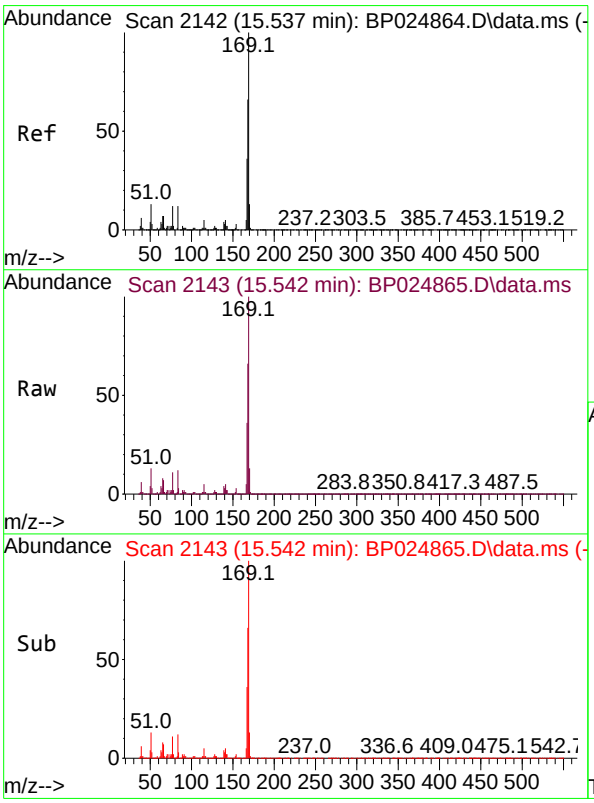
#65
4,6-Dinitro-2-methylphenol
Concen: 55.863 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 439647

Ion	Ratio	Lower	Upper
198	100		
51	41.4	19.2	59.2
105	43.3	22.6	62.6

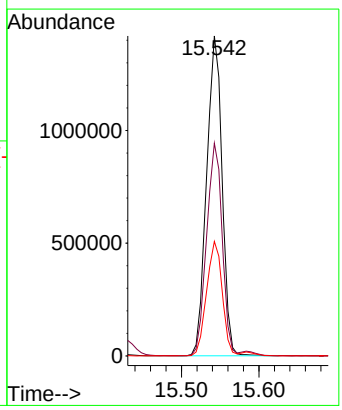


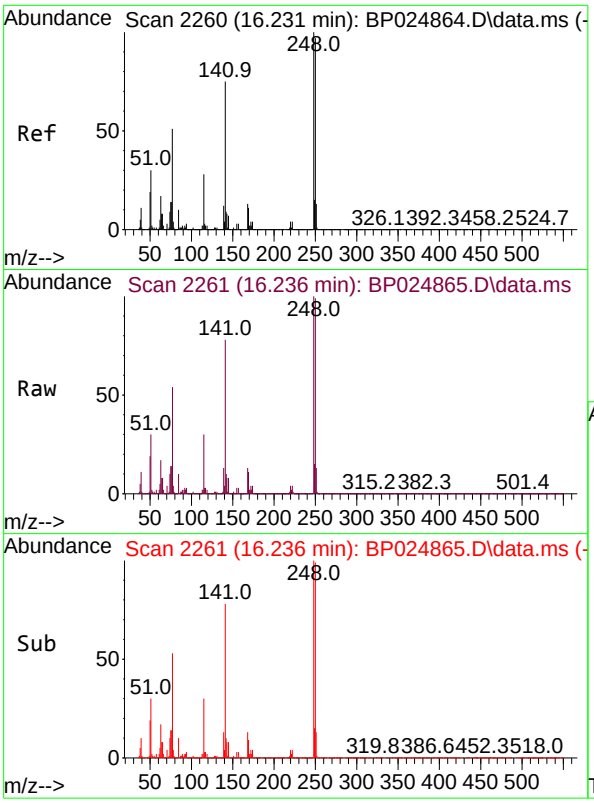


#66
n-Nitrosodiphenylamine
Concen: 53.178 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:169 Resp: 1974147

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	35.8	28.6	43.0



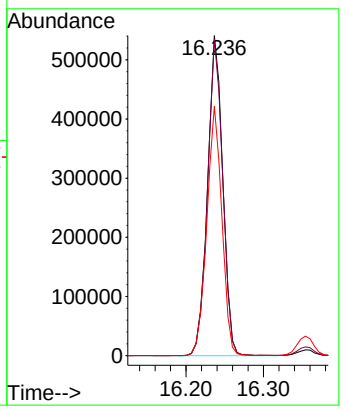


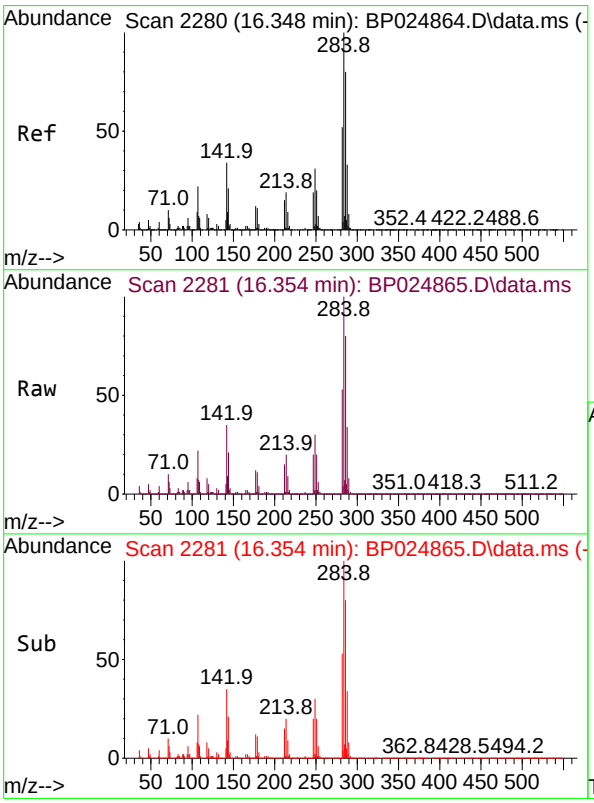
#67
4-Bromophenyl-phenylether
Concen: 54.595 ng
RT: 16.236 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 737798

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.4	116.2
141	77.9	59.9	89.9

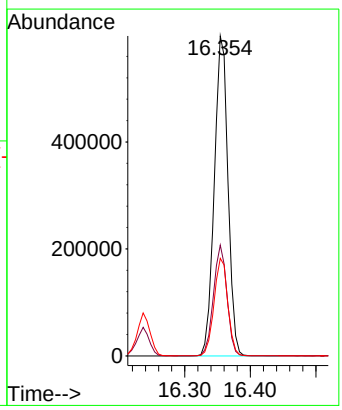


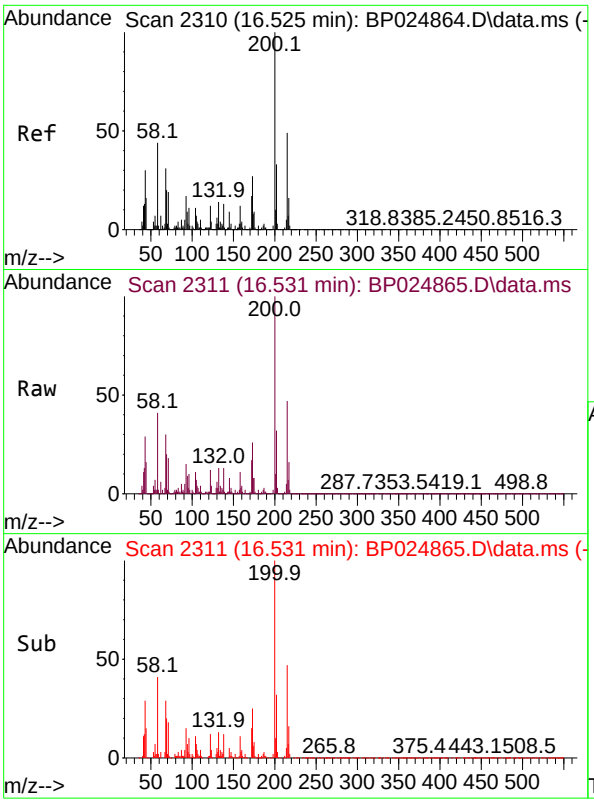


#68
Hexachlorobenzene
Concen: 52.948 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:284 Resp: 867444

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.0	40.6
249	30.5	25.0	37.6



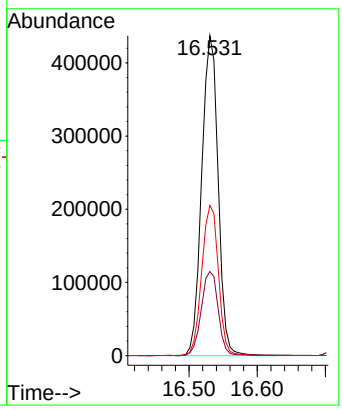


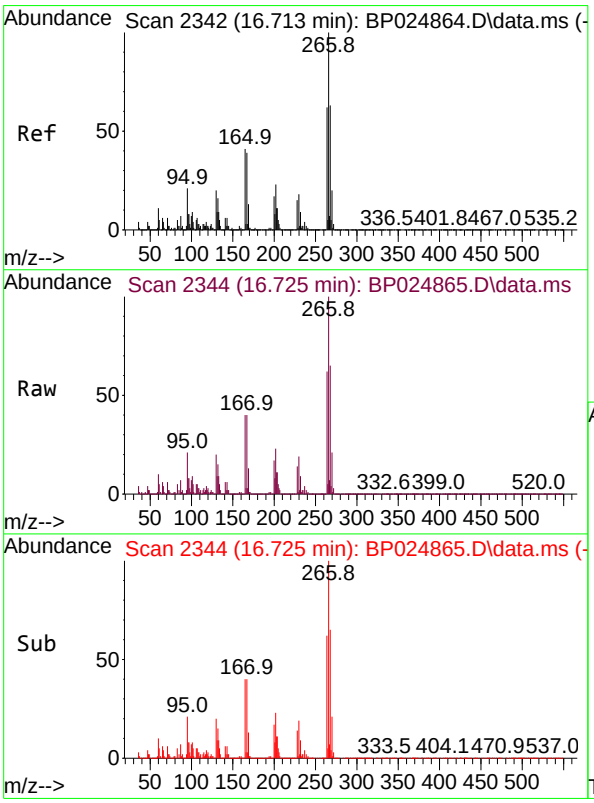
#69
Atrazine
Concen: 54.392 ng
RT: 16.531 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 732007

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	46.9	28.7	68.7

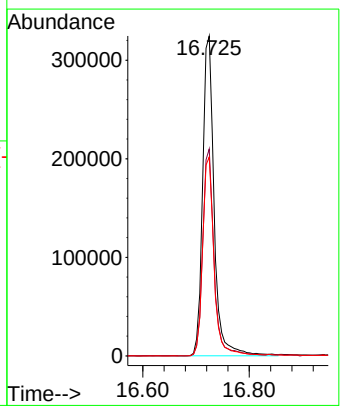


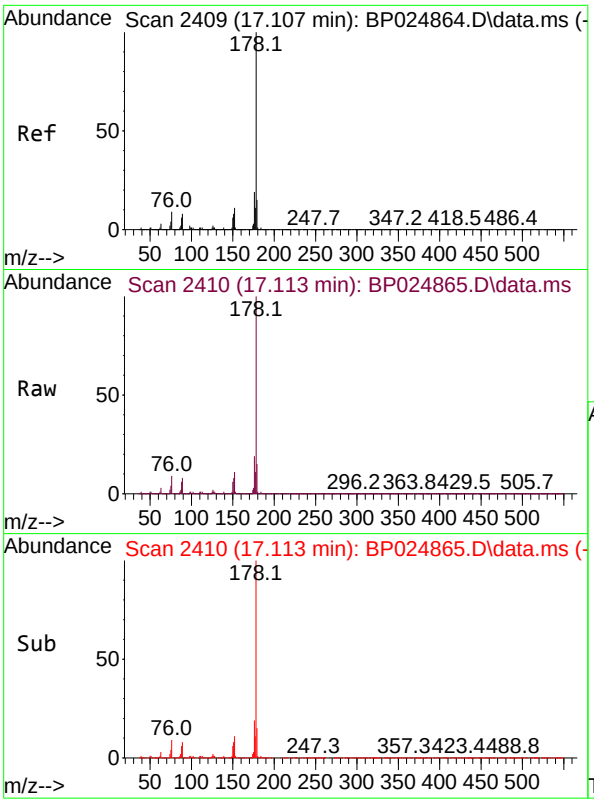


#70
Pentachlorophenol
Concen: 57.349 ng
RT: 16.725 min Scan# 2344
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:266 Resp: 486264

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.6	76.0
264	62.2	49.7	74.5



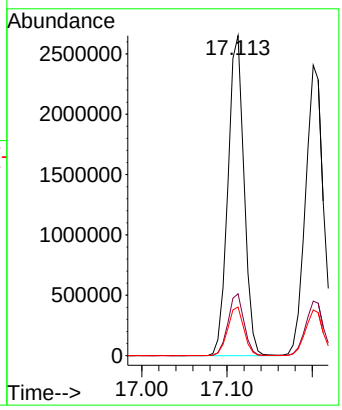


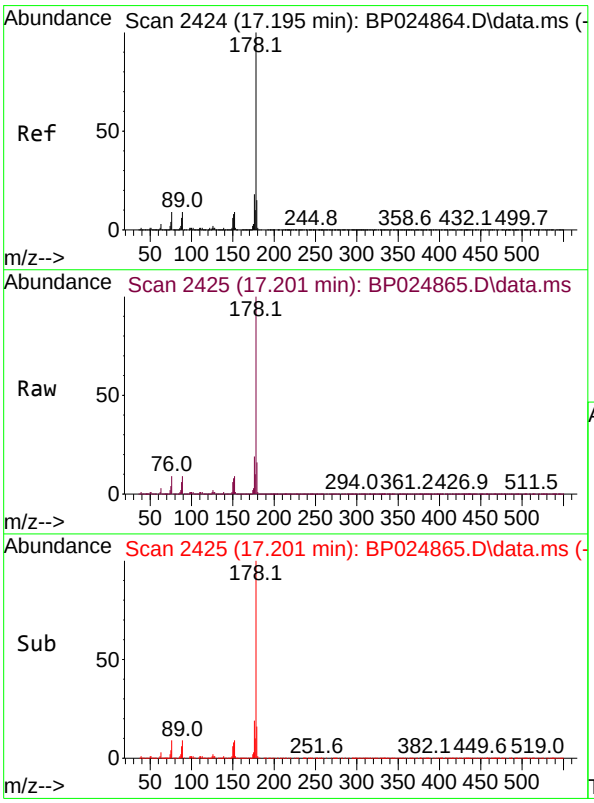
#71
Phenanthrene
Concen: 52.543 ng
RT: 17.113 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 3477677

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.1	18.1

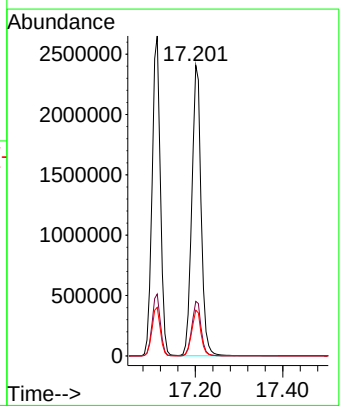


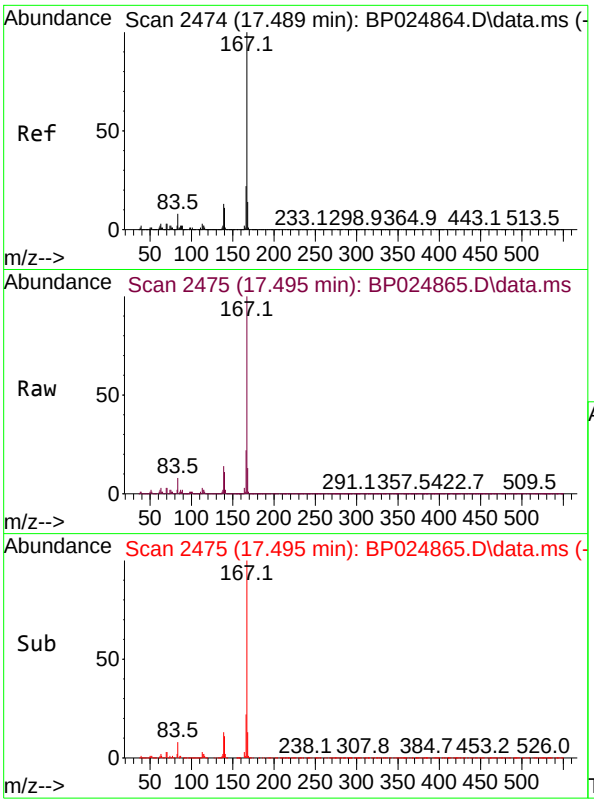


#72
Anthracene
Concen: 53.089 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:178 Resp: 3558691

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.7	12.3	18.5



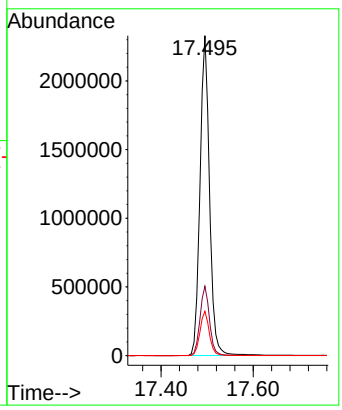


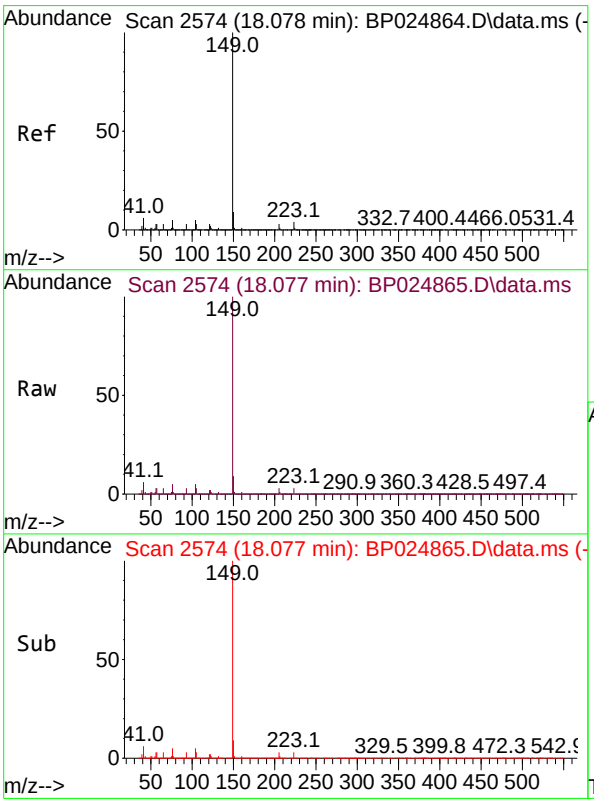
#73
Carbazole
Concen: 53.599 ng
RT: 17.495 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 3330211

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.8	10.8	16.2

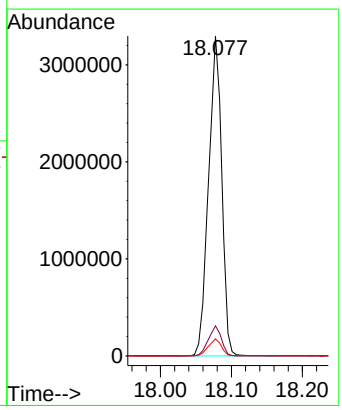


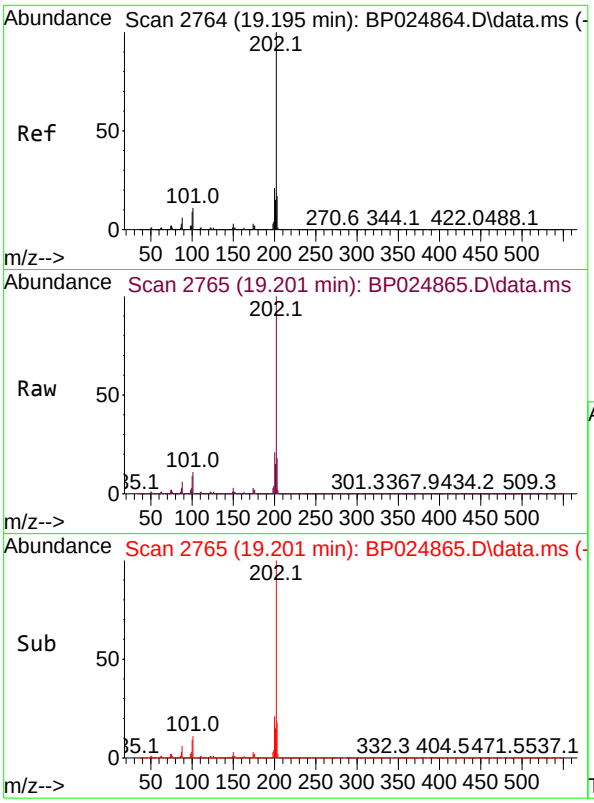


#74
Di-n-butylphthalate
Concen: 55.253 ng
RT: 18.077 min Scan# 2574
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 4253447

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.3	4.2	6.2



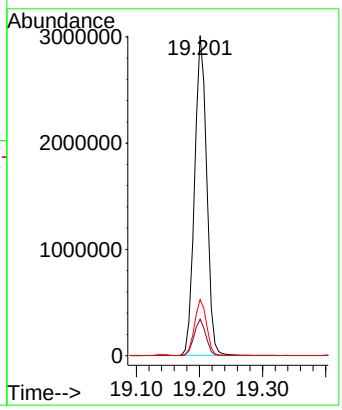


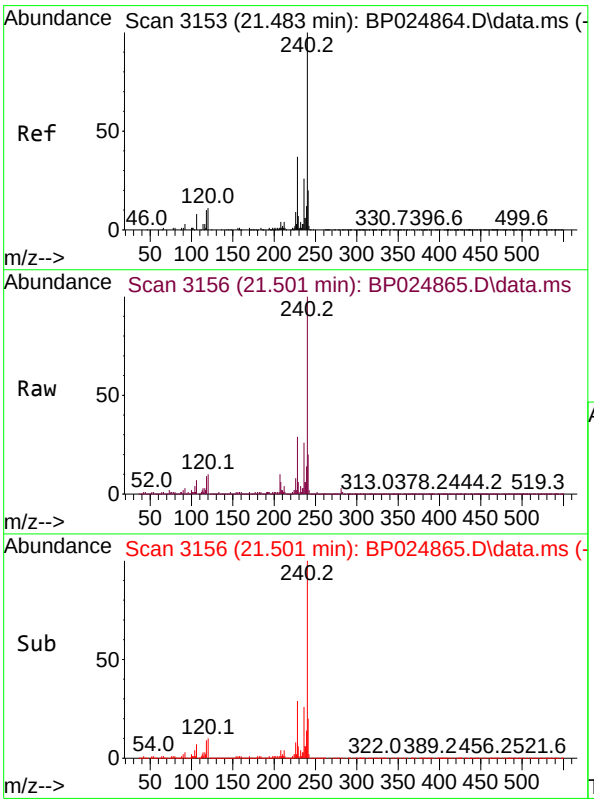
#75
Fluoranthene
Concen: 52.455 ng
RT: 19.201 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4024039

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.5

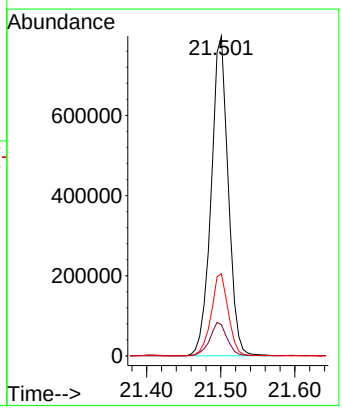


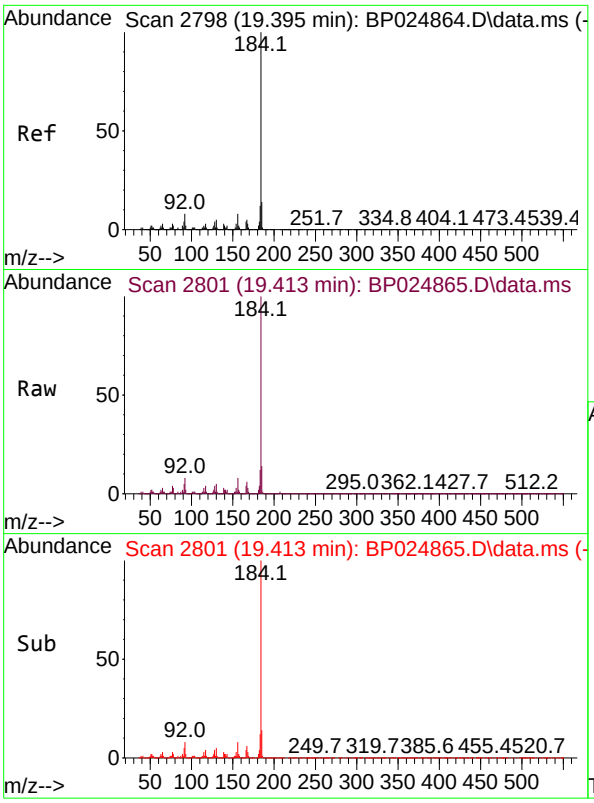


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:240 Resp: 1276071

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	25.7	20.9	31.3



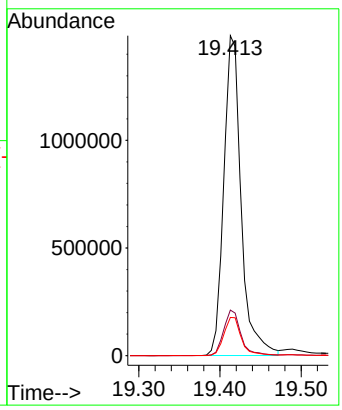


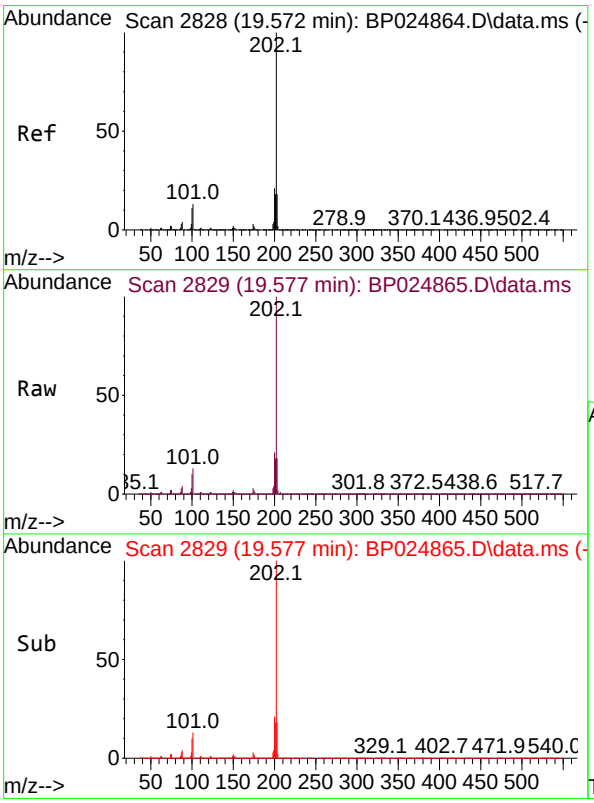
#77
Benzidine
Concen: 55.718 ng
RT: 19.413 min Scan# 28
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2202092

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.9	9.5	14.3

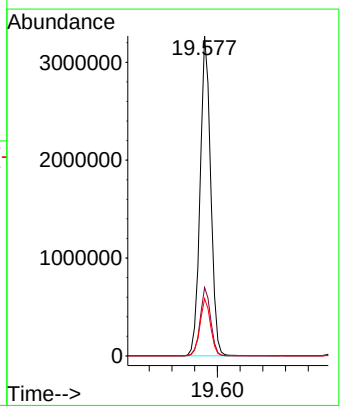


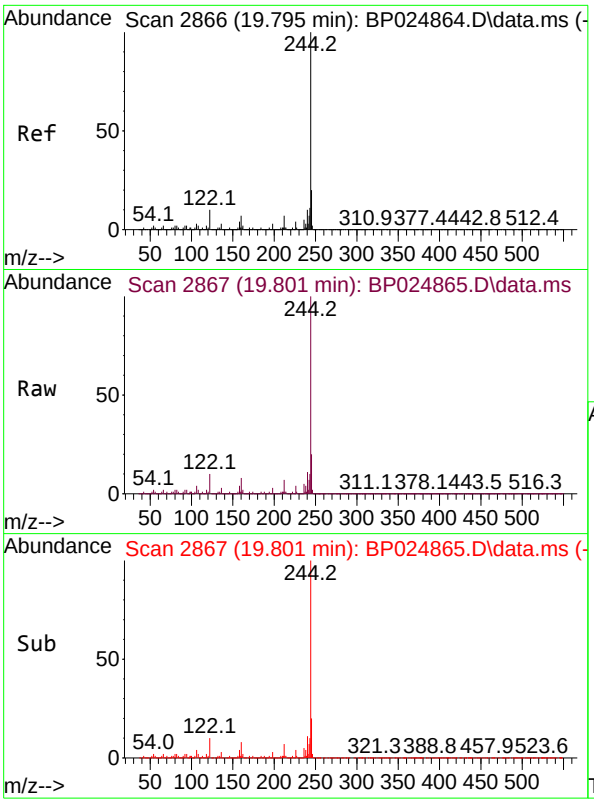


#78
Pyrene
Concen: 52.900 ng
RT: 19.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:202 Resp: 4217295

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.9	14.0	21.0



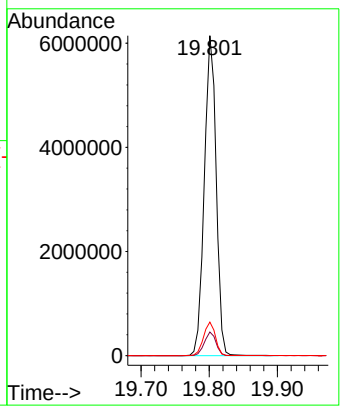


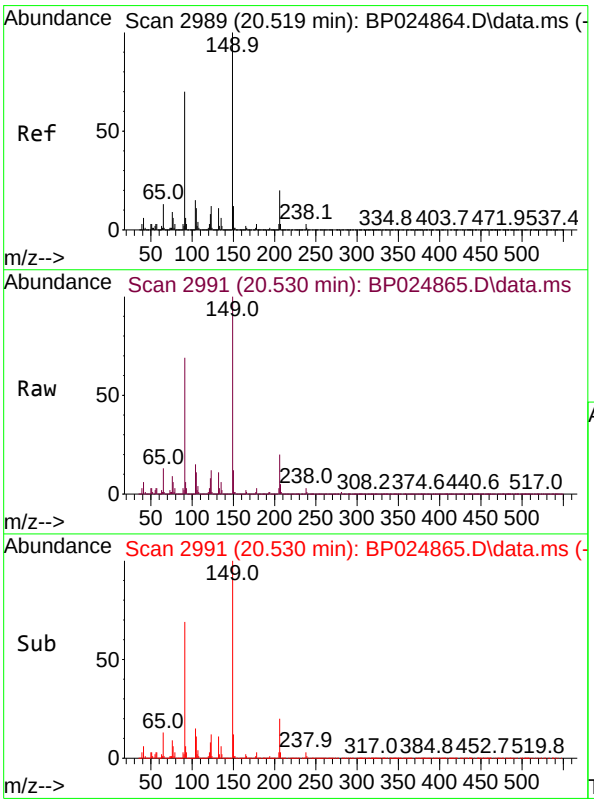
#79
Terphenyl-d14
Concen: 104.339 ng
RT: 19.801 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 7428863

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	10.5	7.7	11.5

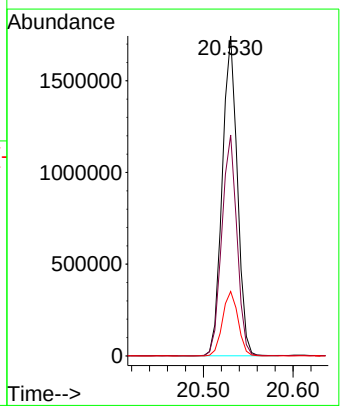


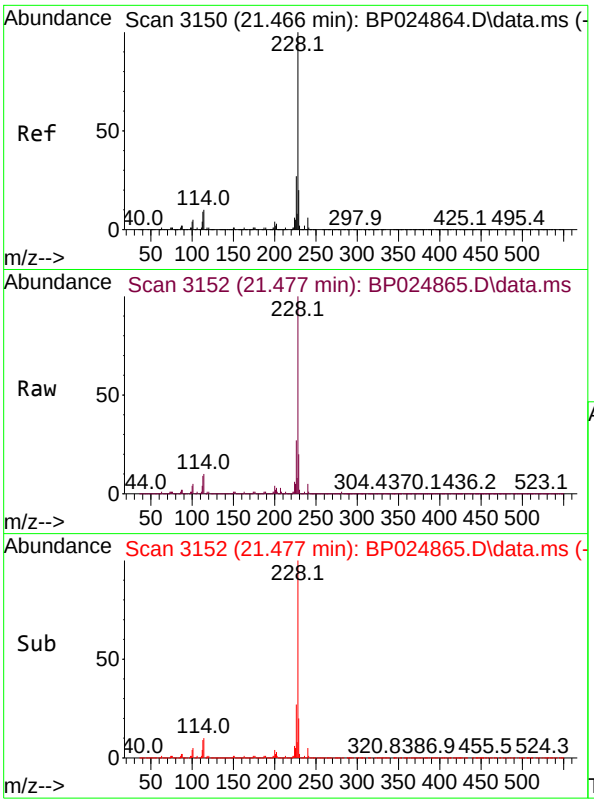


#80
Butylbenzylphthalate
Concen: 56.010 ng
RT: 20.530 min Scan# 2991
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2045307

Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.8	83.8
206	20.1	16.2	24.2



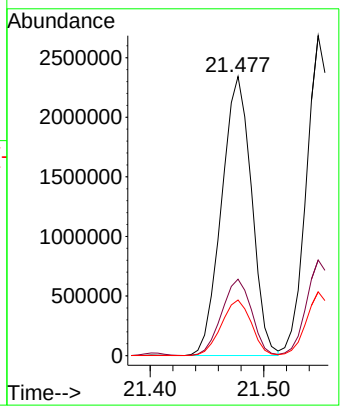


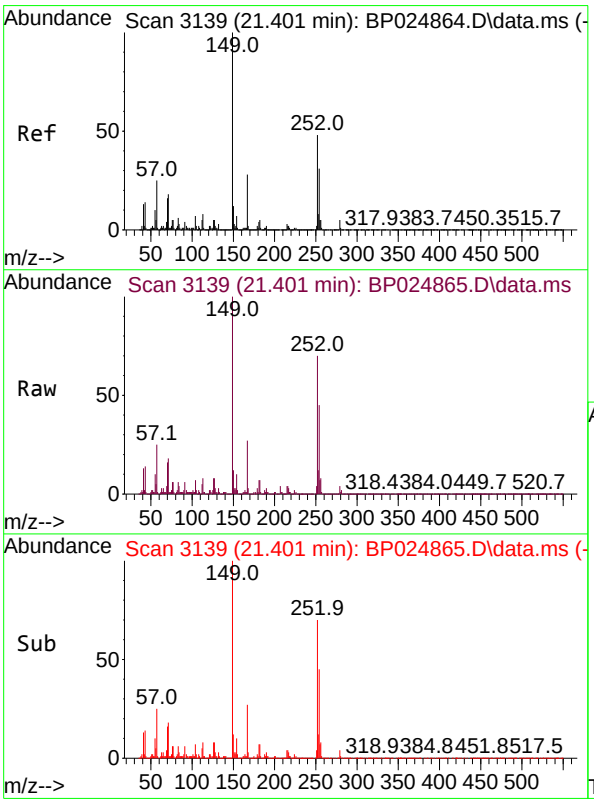
#81
Benzo(a)anthracene
Concen: 52.648 ng
RT: 21.477 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4296840

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.9	15.9	23.9

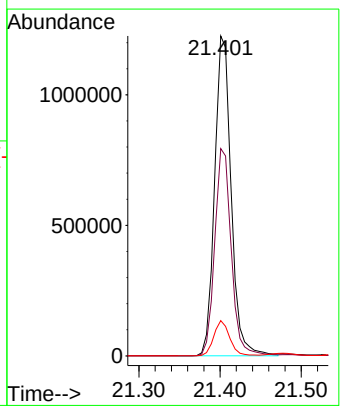


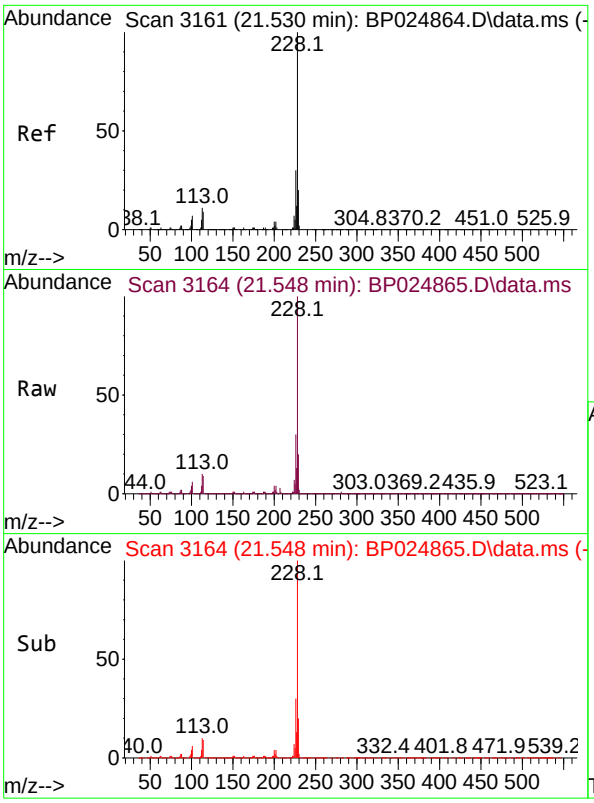


#82
3,3'-Dichlorobenzidine
Concen: 53.402 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 1730292

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	11.0	8.6	12.8



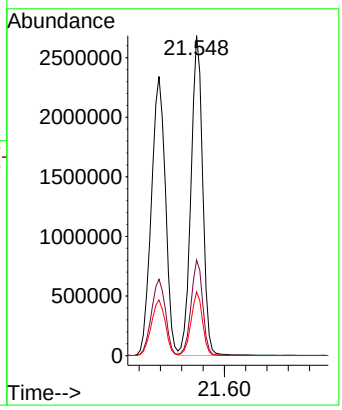


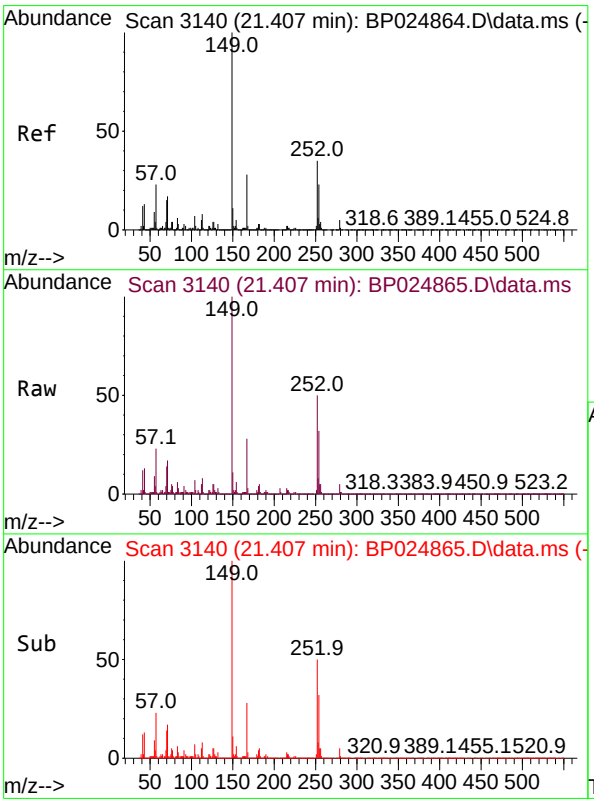
#83
Chrysene
Concen: 52.768 ng
RT: 21.548 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4080671

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.9	15.6	23.4

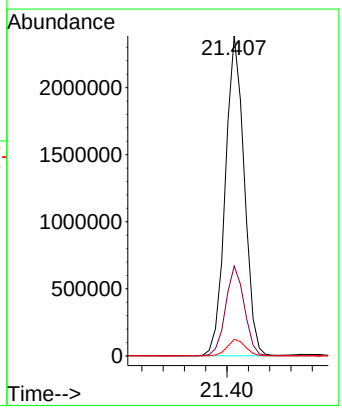


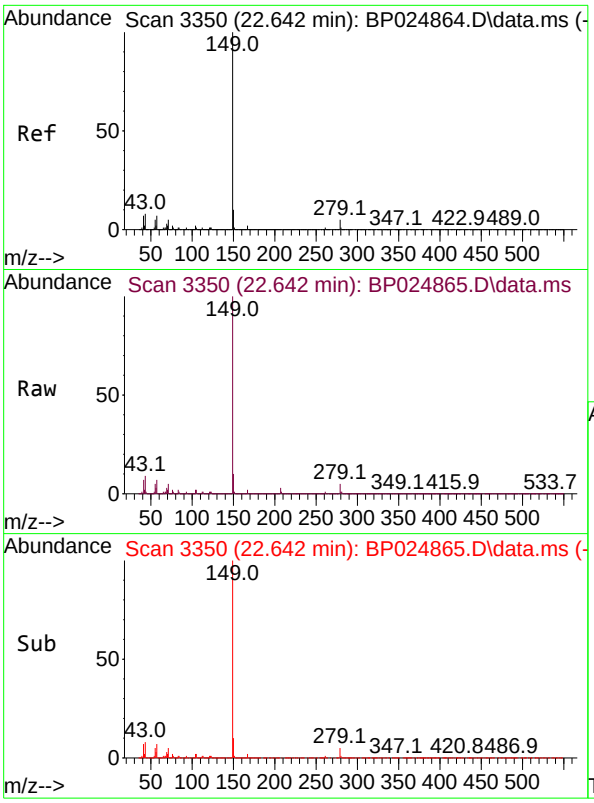


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.166 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2938577

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.2	4.0	6.0



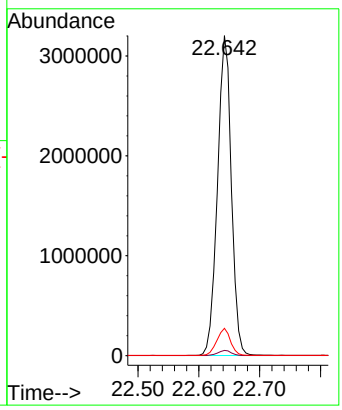


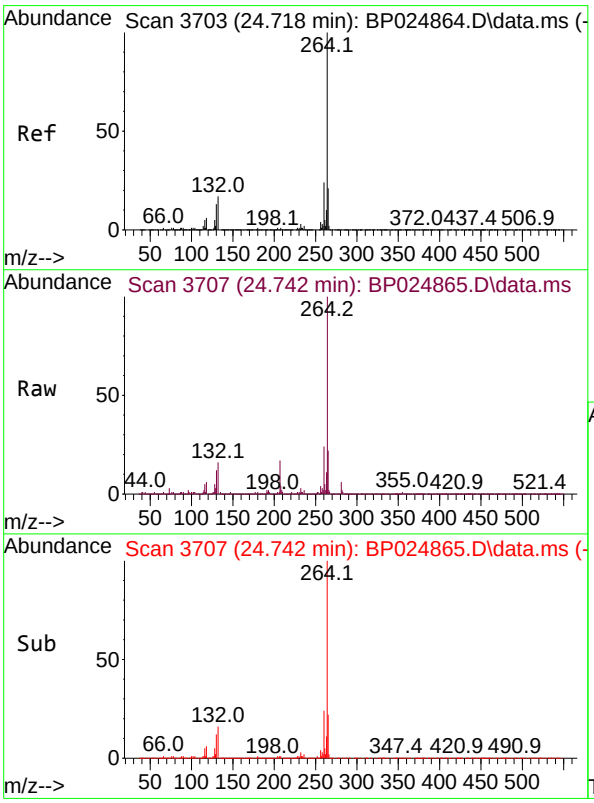
#85
Di-n-octyl phthalate
Concen: 54.889 ng
RT: 22.642 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5061827

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.6	10.0

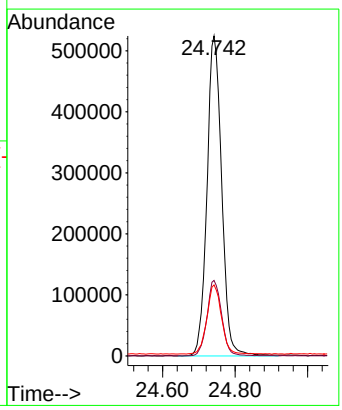


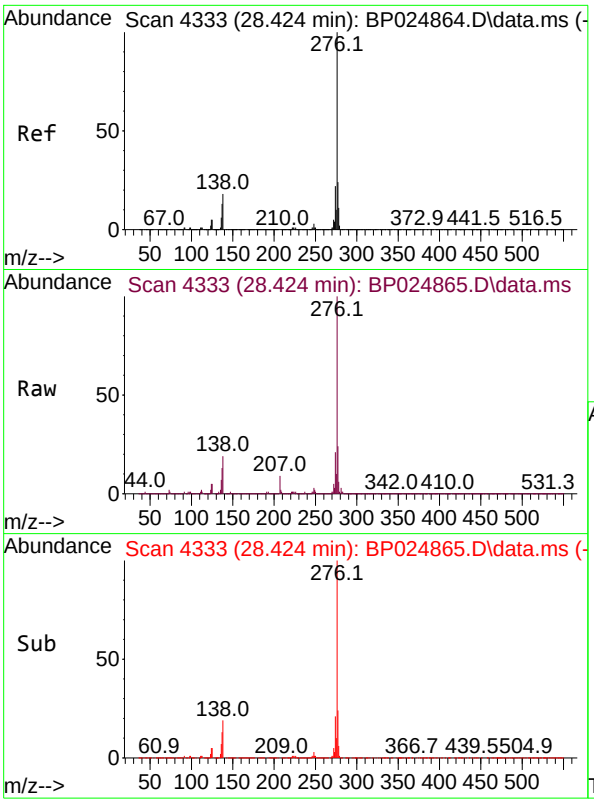


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.023 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:264 Resp: 1475251

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.2	17.4	26.0



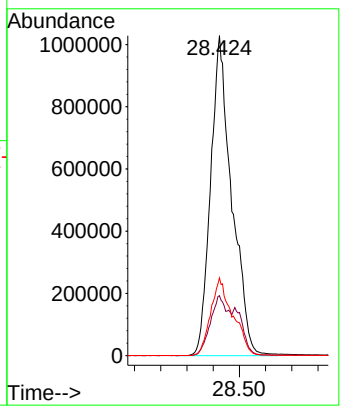


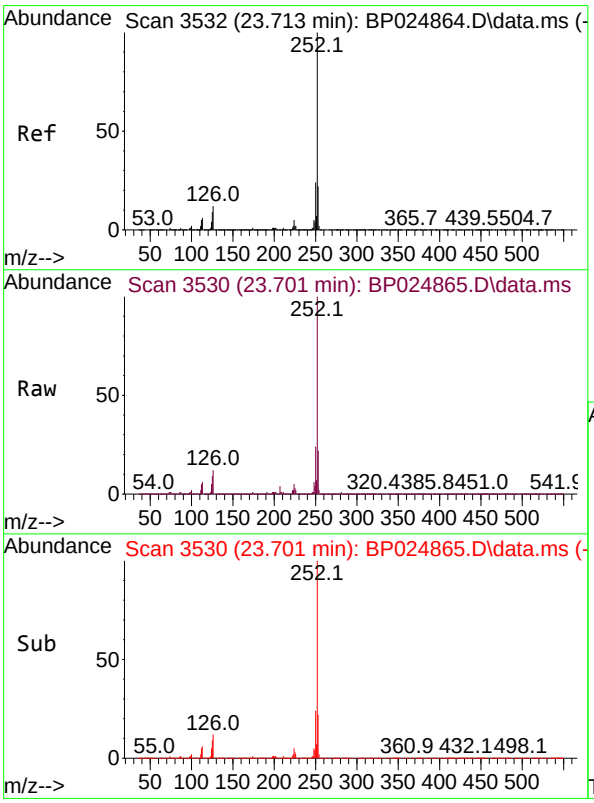
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.412 ng
RT: 28.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 5749111

Ion	Ratio	Lower	Upper
276	100		
138	16.1	18.6	27.8#
277	25.4	20.2	30.4

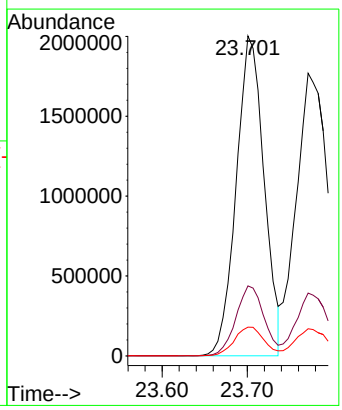


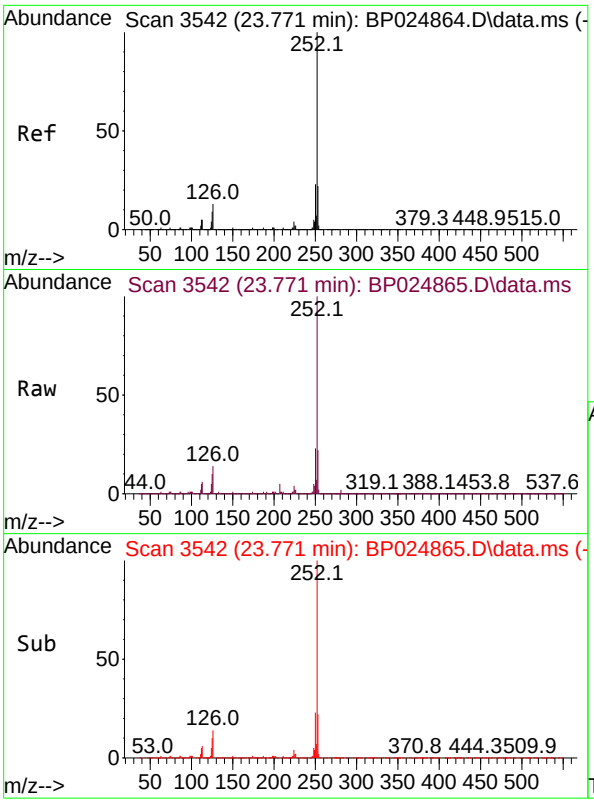


#88
Benzo(b)fluoranthene
Concen: 53.840 ng
RT: 23.701 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 4545535

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.0	7.1	10.7



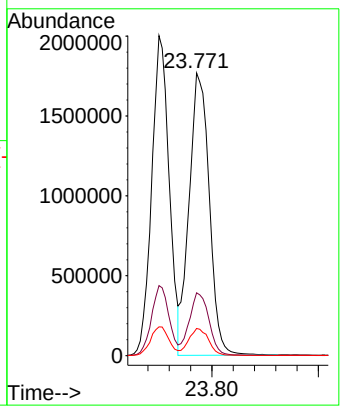


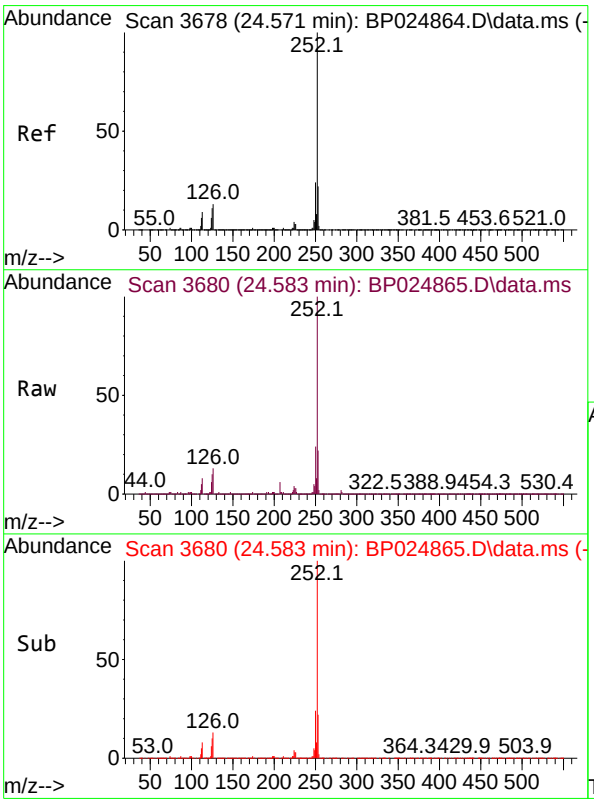
#89
Benzo(k)fluoranthene
Concen: 54.012 ng
RT: 23.771 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 4641829

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.6	7.4	11.0

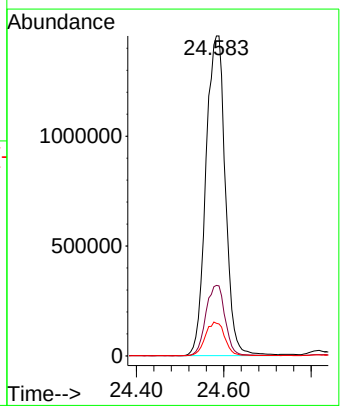


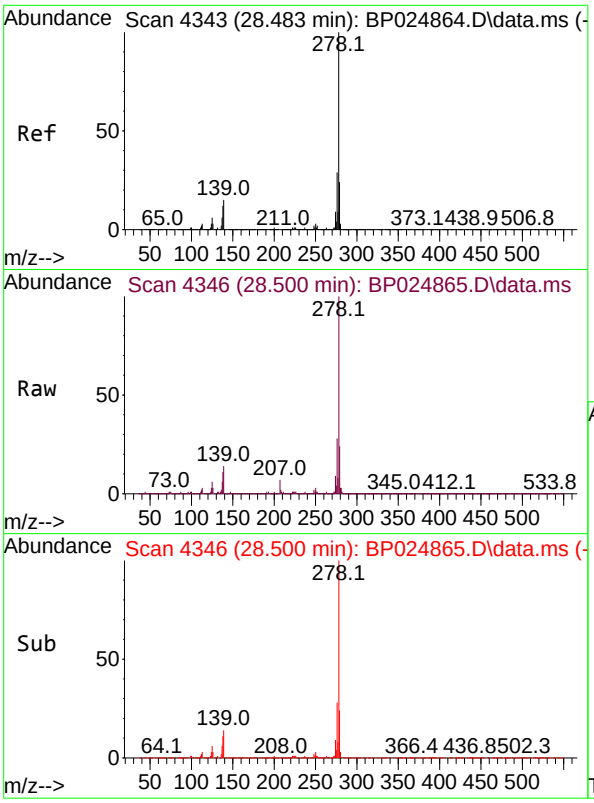


#90
Benzo(a)pyrene
Concen: 54.313 ng
RT: 24.583 min Scan# 3680
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 4478222

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.2	8.8	13.2



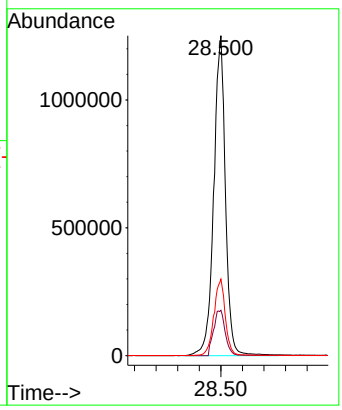


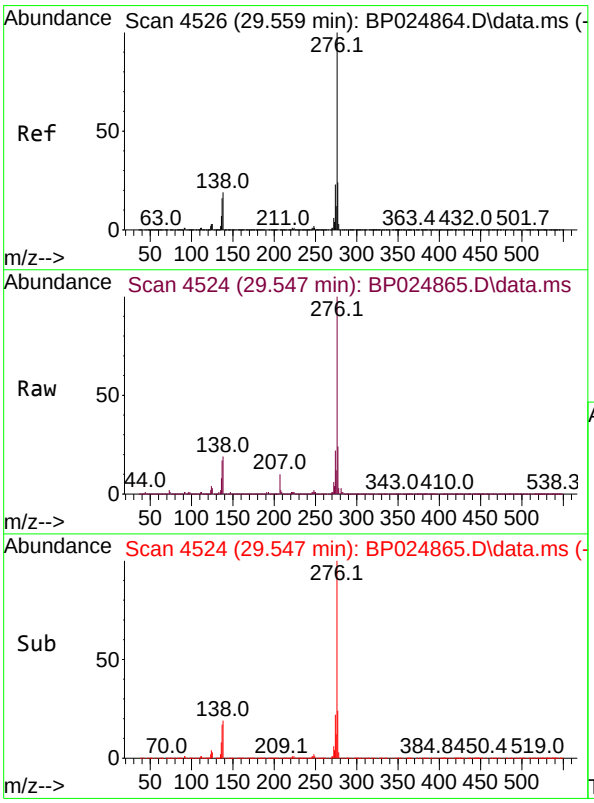
#91
Dibenzo(a,h)anthracene
Concen: 53.822 ng
RT: 28.500 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 4715596

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.0	18.0
279	23.9	19.1	28.7

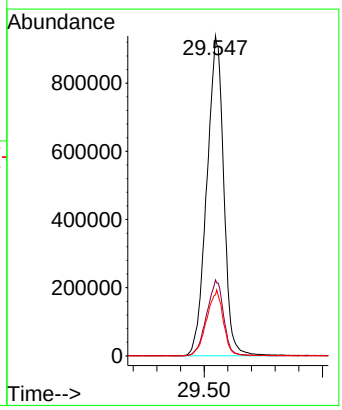




#92
Benzo(g,h,i)perylene
Concen: 53.490 ng
RT: 29.547 min Scan# 4524
Delta R.T. -0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:276 Resp: 4649887

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	19.1	15.4	23.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024866.D
Acq On : 06 Jun 2025 14:37
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jun 06 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	233459	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1006719	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	639758	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1223735	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1245531	20.000	ng	0.00
86) Perylene-d12	24.736	264	1494809	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1754536	125.447	ng	0.00
7) Phenol-d6	6.814	99	2365958	127.853	ng	0.00
23) Nitrobenzene-d5	8.760	82	2555584	123.355	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1097449	124.076	ng	-0.01
45) 2-Fluorobiphenyl	12.860	172	5620380	118.347	ng	0.00
79) Terphenyl-d14	19.778	244	8373144	120.485	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	360857	58.637	ng	100
3) Pyridine	3.561	79	957340	64.685	ng	99
4) n-Nitrosodimethylamine	3.478	42	387978	64.122	ng	99
6) Aniline	6.955	93	1528129	64.708	ng	100
8) 2-Chlorophenol	7.190	128	995913	62.813	ng	99
9) Benzaldehyde	6.766	77	608861	56.921	ng	99
10) Phenol	6.843	94	1231710	64.565	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	926134	61.724	ng	98
12) 1,3-Dichlorobenzene	7.496	146	1063861	60.147	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1074203	60.190	ng	100
14) 1,2-Dichlorobenzene	7.955	146	1045089	59.634	ng	99
15) Benzyl Alcohol	7.861	79	916921	64.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1167705	59.460	ng	100
17) 2-Methylphenol	8.066	107	848195	63.670	ng	100
18) Hexachloroethane	8.666	117	401855	59.807	ng	96
19) n-Nitroso-di-n-propyla...	8.413	70	779593	61.970	ng	100
20) 3+4-Methylphenols	8.396	107	1154457	63.519	ng	96
22) Acetophenone	8.431	105	1540416	60.563	ng	99
24) Nitrobenzene	8.808	77	1136226	61.735	ng	99
25) Isophorone	9.325	82	2191187	61.027	ng	100
26) 2-Nitrophenol	9.507	139	587760	64.723	ng	99
27) 2,4-Dimethylphenol	9.578	122	965935	62.151	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	1278529	59.694	ng	98
29) 2,4-Dichlorophenol	10.049	162	945641	63.413	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	995211	59.169	ng	99
31) Naphthalene	10.431	128	3124640	60.566	ng	100
32) Benzoic acid	9.778	122	710052	68.525	ng	100
33) 4-Chloroaniline	10.549	127	1397378	64.650	ng	98
34) Hexachlorobutadiene	10.707	225	598677	59.056	ng	100
35) Caprolactam	11.360	113	349412	63.654	ng	93
36) 4-Chloro-3-methylphenol	11.696	107	1096315	63.738	ng	98
37) 2-Methylnaphthalene	12.043	142	2004422	61.250	ng	99
38) 1-Methylnaphthalene	12.266	142	2093346	59.832	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1100767	60.637	ng	100
41) Hexachlorocyclopentadiene	12.390	237	707348	63.884	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	776210	63.669	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024866.D
Acq On : 06 Jun 2025 14:37
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jun 06 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	836590	64.077	ng	99
46) 1,1'-Biphenyl	13.066	154	2797746	60.176	ng	100
47) 2-Chloronaphthalene	13.107	162	2180558	61.023	ng	99
48) 2-Nitroaniline	13.331	65	718204	65.376	ng	97
49) Acenaphthylene	13.966	152	3653383	61.318	ng	100
50) Dimethylphthalate	13.707	163	2826983	59.902	ng	99
51) 2,6-Dinitrotoluene	13.831	165	639722	62.878	ng	96
52) Acenaphthene	14.313	154	2051309	60.082	ng	99
53) 3-Nitroaniline	14.172	138	698945	66.199	ng	98
54) 2,4-Dinitrophenol	14.390	184	398250	61.497	ng	97
55) Dibenzofuran	14.654	168	3267254	59.618	ng	99
56) 4-Nitrophenol	14.525	139	539162	61.650	ng	97
57) 2,4-Dinitrotoluene	14.637	165	901515	63.345	ng	98
58) Fluorene	15.319	166	2628887	59.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	730647	62.524	ng	99
60) Diethylphthalate	15.090	149	2772340	58.943	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	1276716	58.980	ng	100
62) 4-Nitroaniline	15.360	138	639038	66.714	ng	96
63) Azobenzene	15.613	77	2561443	59.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.419	198	524098	65.178	ng	100
66) n-Nitrosodiphenylamine	15.531	169	2282932	60.188	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	839674	60.812	ng	98
68) Hexachlorobenzene	16.342	284	1008320	60.238	ng	97
69) Atrazine	16.519	200	836217	60.814	ng	99
70) Pentachlorophenol	16.701	266	561603	64.826	ng	99
71) Phenanthrene	17.089	178	4046968	59.844	ng	99
72) Anthracene	17.189	178	4160775	60.751	ng	99
73) Carbazole	17.472	167	3861413	60.827	ng	99
74) Di-n-butylphthalate	18.060	149	4672145	59.401	ng	100
75) Fluoranthene	19.178	202	4656349	59.407	ng	99
77) Benzidine	19.383	184	2477600	64.227	ng	100
78) Pyrene	19.560	202	4751590	61.064	ng	100
80) Butylbenzylphthalate	20.513	149	2225855	62.449	ng	96
81) Benzo(a)anthracene	21.460	228	4896757	61.469	ng	100
82) 3,3'-Dichlorobenzidine	21.389	252	1982344	62.681	ng	100
83) Chrysene	21.530	228	4625245	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	3103331	60.769	ng	99
85) Di-n-octyl phthalate	22.636	149	5491065	61.004	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	6771619	62.088	ng	100
88) Benzo(b)fluoranthene	23.713	252	5290333	61.842	ng	99
89) Benzo(k)fluoranthene	23.777	252	5191049	59.612	ng	99
90) Benzo(a)pyrene	24.595	252	5093340	60.965	ng	99
91) Dibenzo(a,h)anthracene	28.495	278	5489005	61.830	ng	100
92) Benzo(g,h,i)perylene	29.571	276	5442983	61.794	ng	100

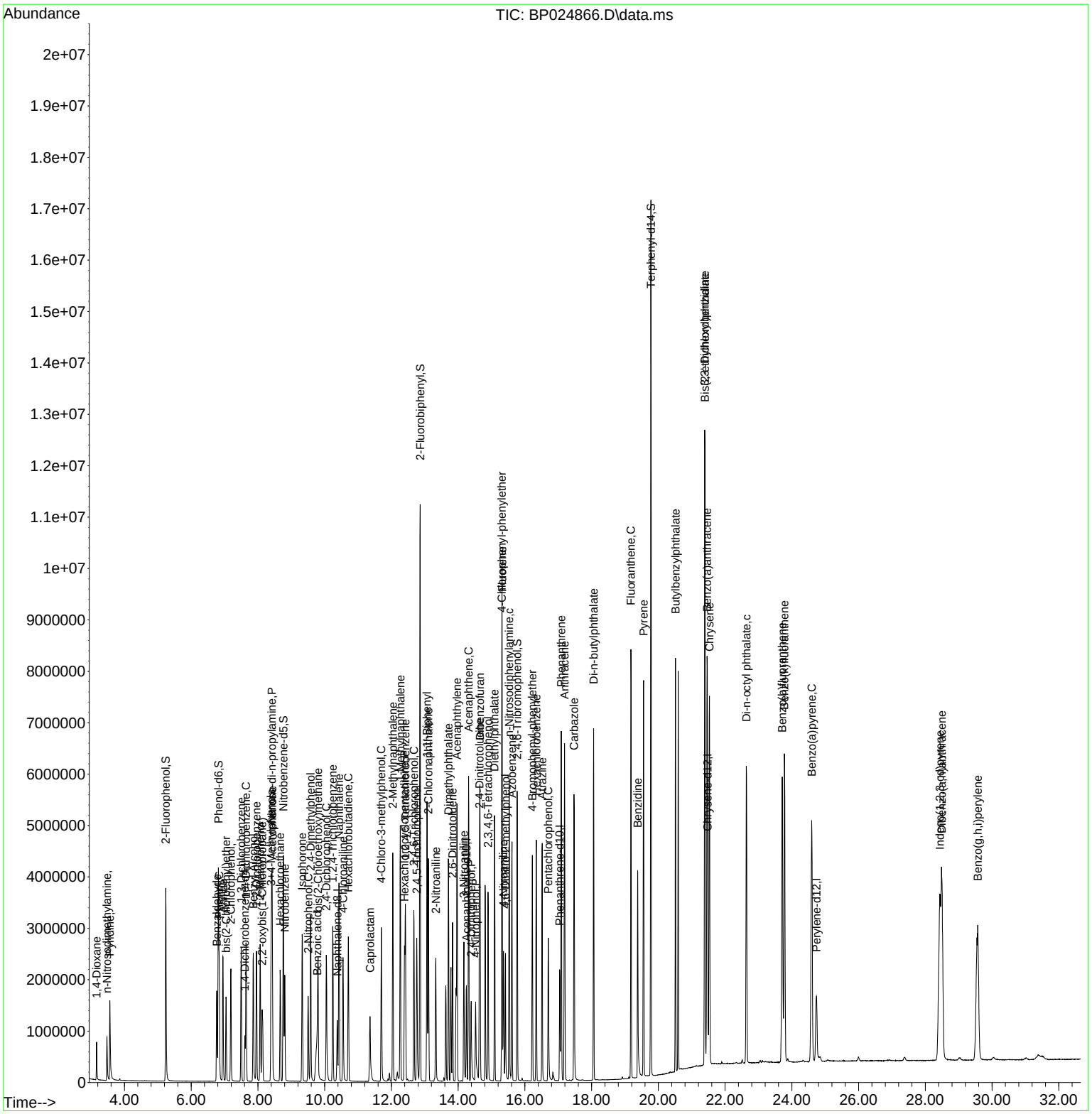
(#) = qualifier out of range (m) = manual integration (+) = signals summed

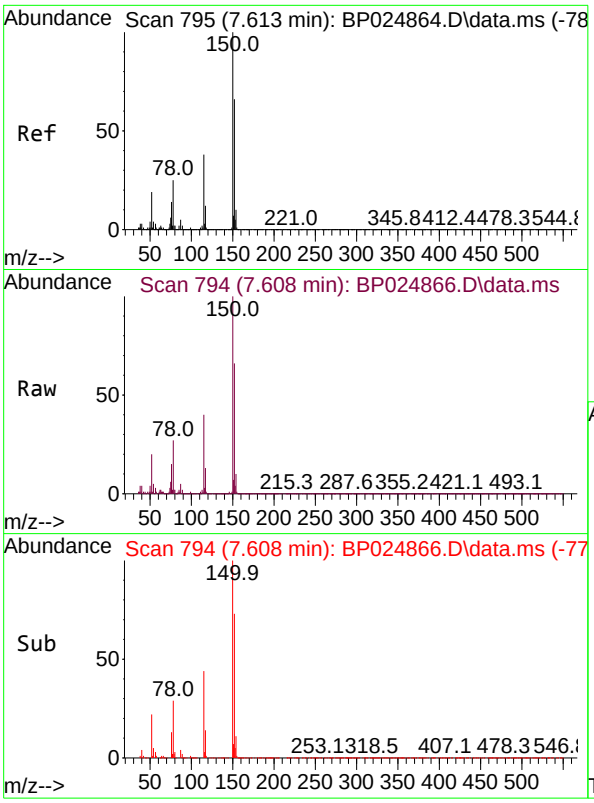
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024866.D
Acq On : 06 Jun 2025 14:37
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jun 06 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration



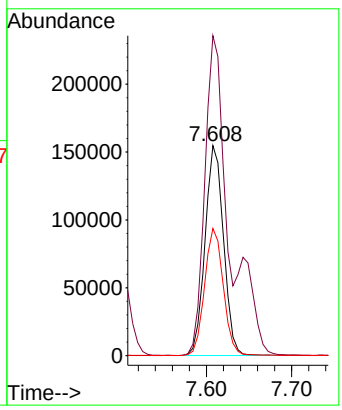


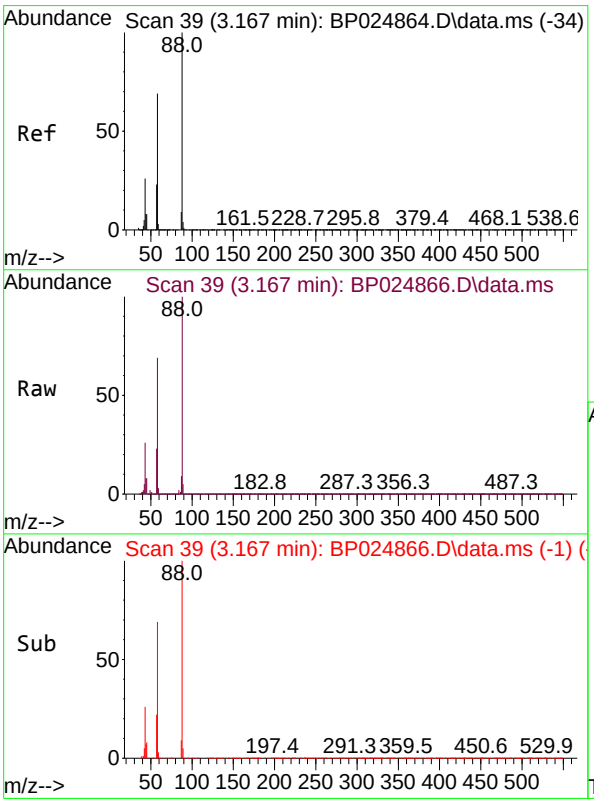
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 233459

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.1	183.1
115	60.5	46.4	69.6

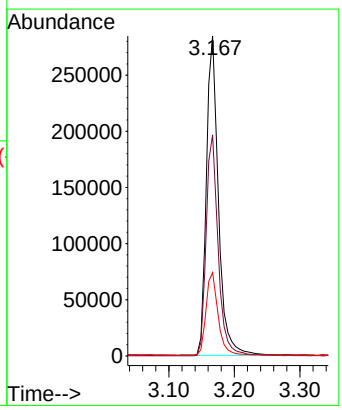


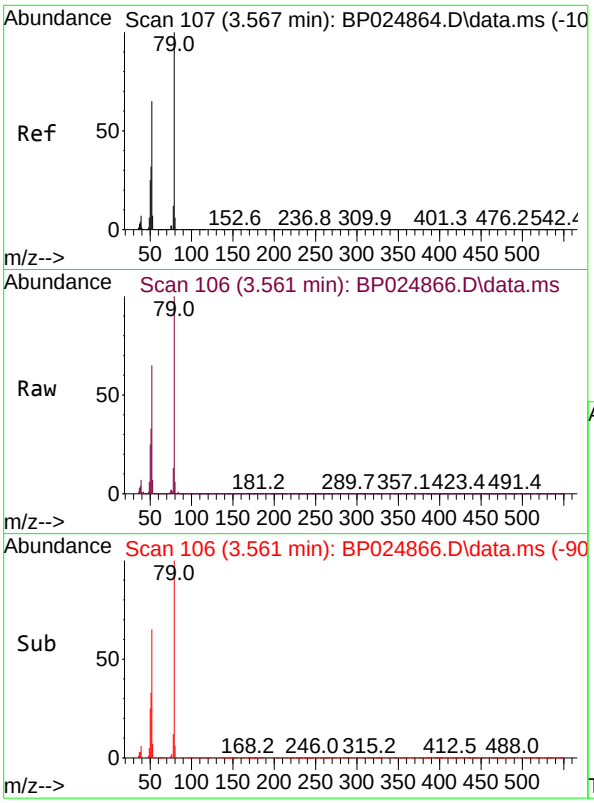


#2
1,4-Dioxane
Concen: 58.637 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 88 Resp: 360857

Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.4	83.0
43	26.4	20.8	31.2



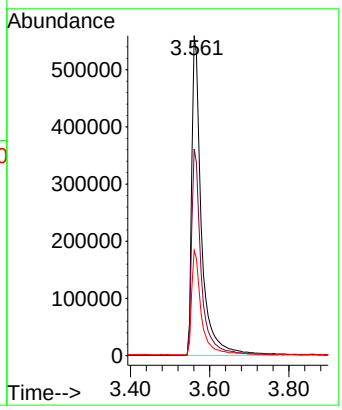


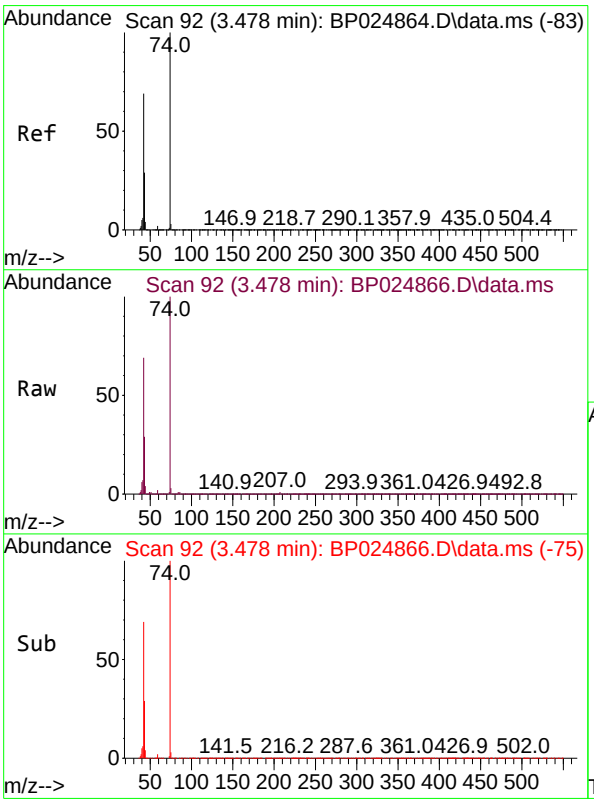
#3
Pyridine
Concen: 64.685 ng
RT: 3.561 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 957340

Ion	Ratio	Lower	Upper
79	100		
52	64.6	51.6	77.4
51	32.9	25.5	38.3

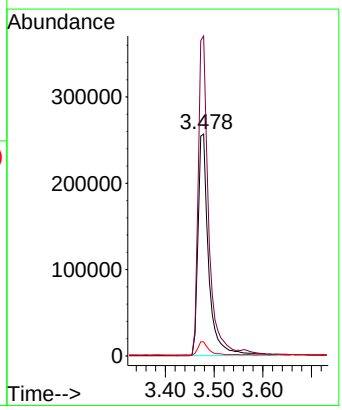


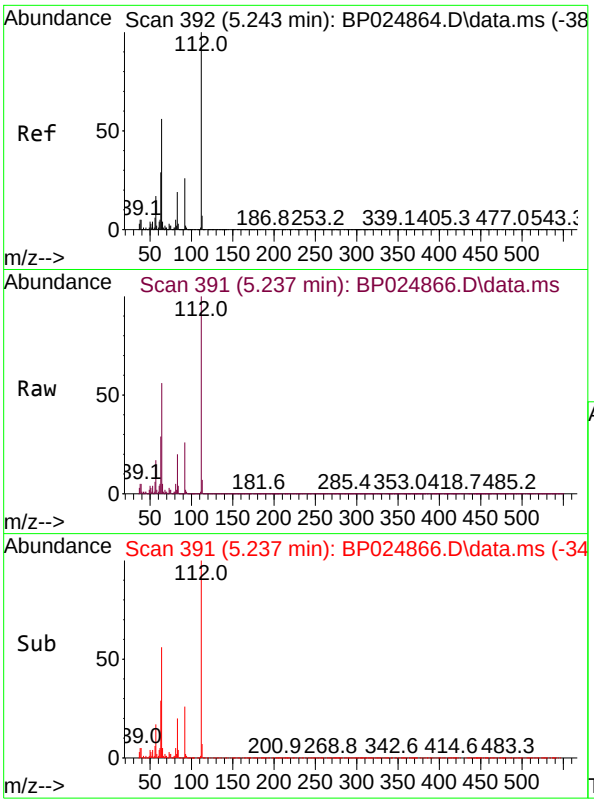


#4
n-Nitrosodimethylamine
Concen: 64.122 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 42 Resp: 387978

Ion	Ratio	Lower	Upper
42	100		
74	144.3	116.6	174.8
44	6.3	5.4	8.0



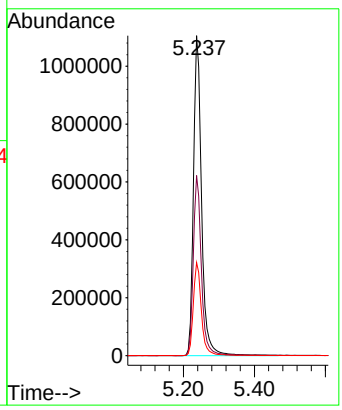


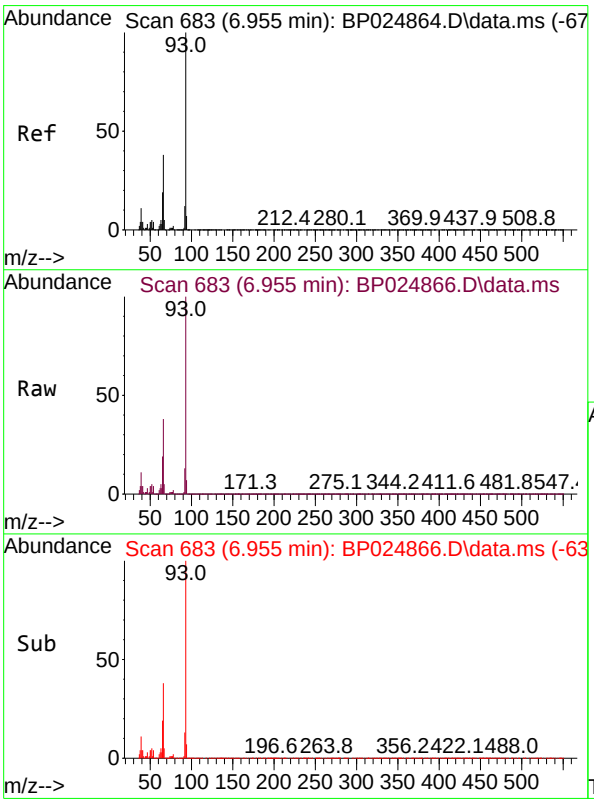
#5
2-Fluorophenol
Concen: 125.447 ng
RT: 5.237 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1754536

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.7	67.1
63	29.1	23.5	35.3

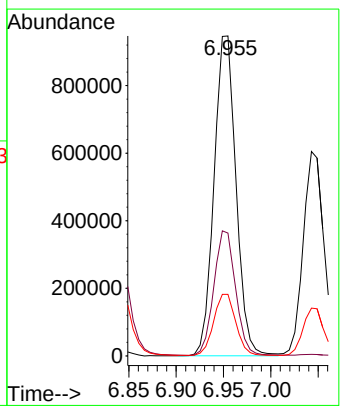


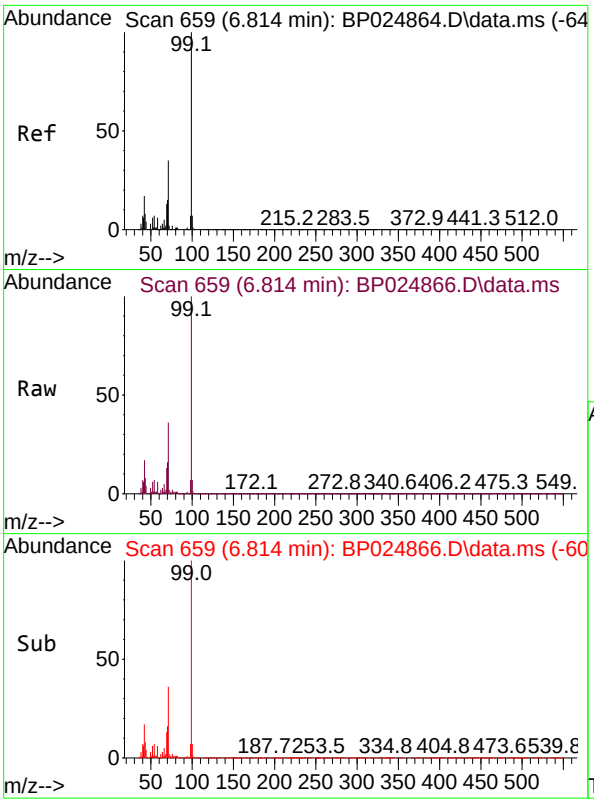


#6
Aniline
Concen: 64.708 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 93 Resp: 1528129

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.9	46.3
65	19.3	15.5	23.3



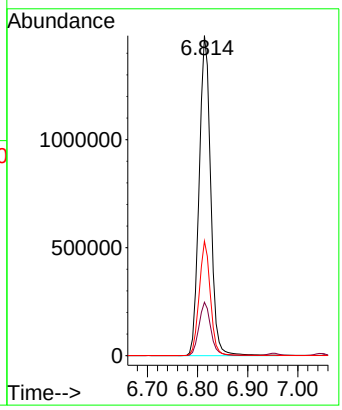


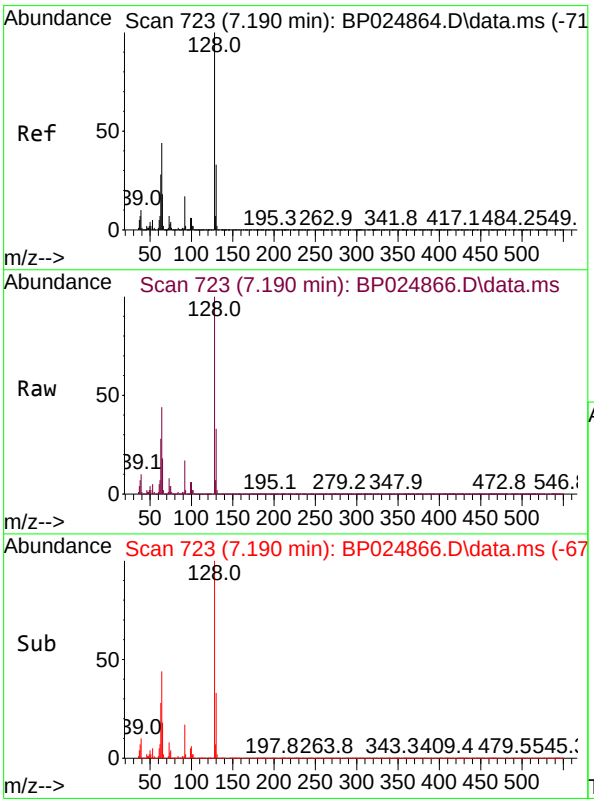
#7
Phenol-d6
Concen: 127.853 ng
RT: 6.814 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2365958

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.2
71	35.8	27.6	41.4

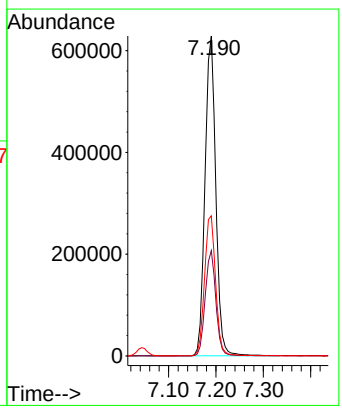


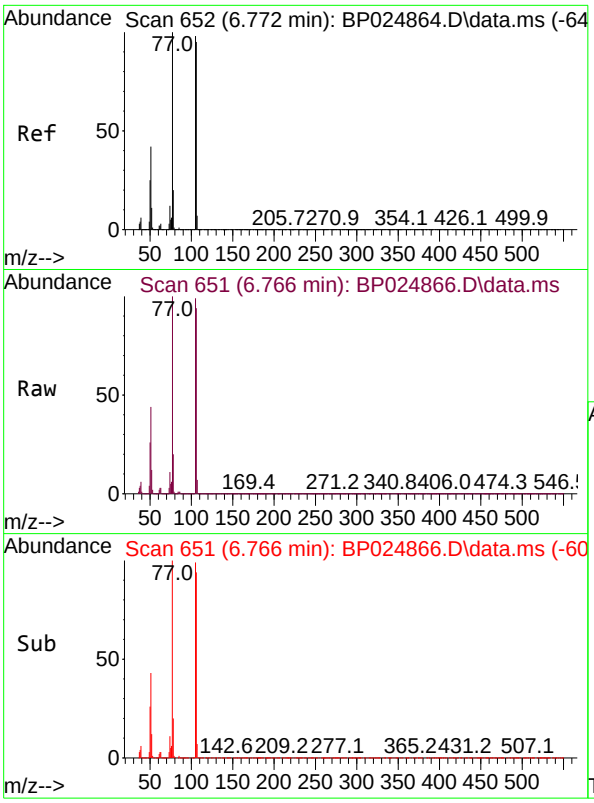


#8
2-Chlorophenol
Concen: 62.813 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:128 Resp: 995913

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	43.8	24.1	64.1



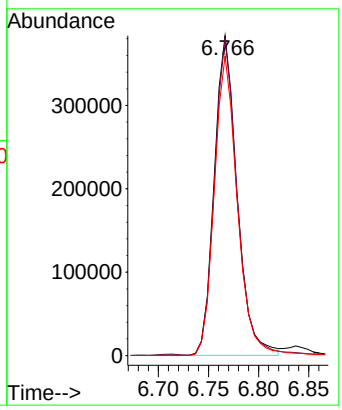


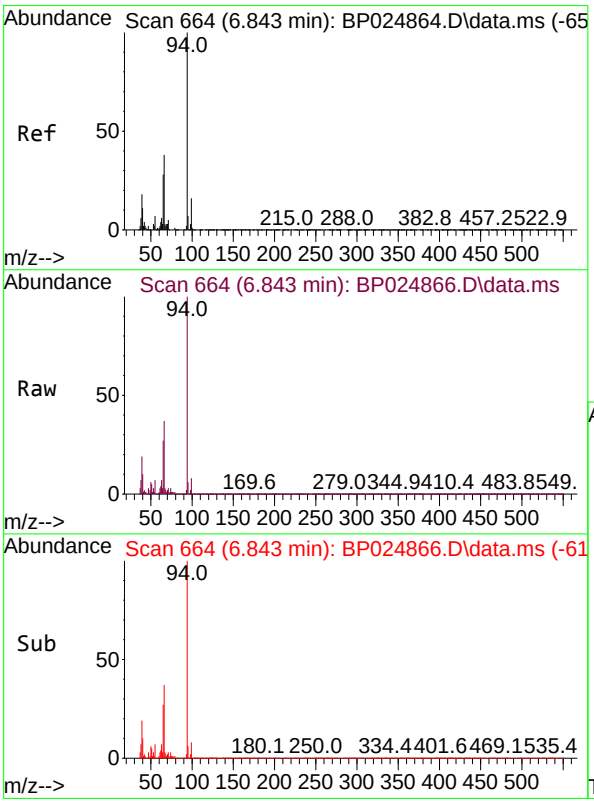
#9
Benzaldehyde
Concen: 56.921 ng
RT: 6.766 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 608861

Ion	Ratio	Lower	Upper
77	100		
105	99.0	77.7	117.7
106	93.6	74.8	114.8

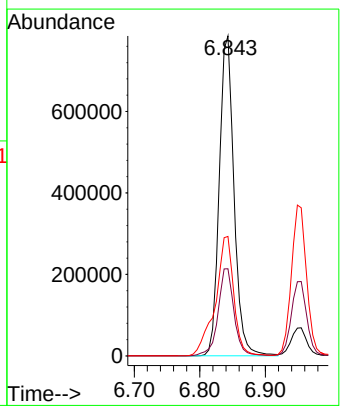


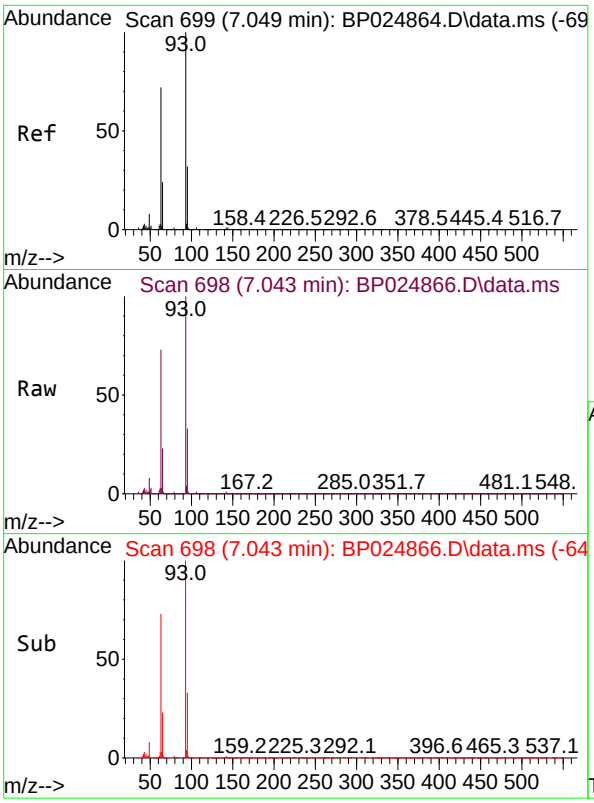


#10
Phenol
Concen: 64.565 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 94 Resp: 1231710

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.3	48.3
66	37.3	18.2	58.2



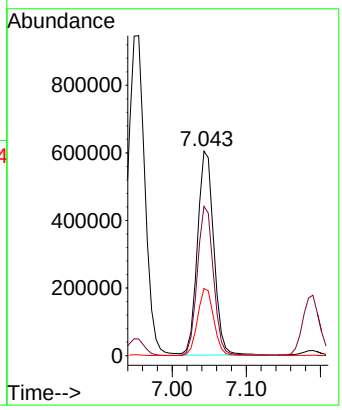


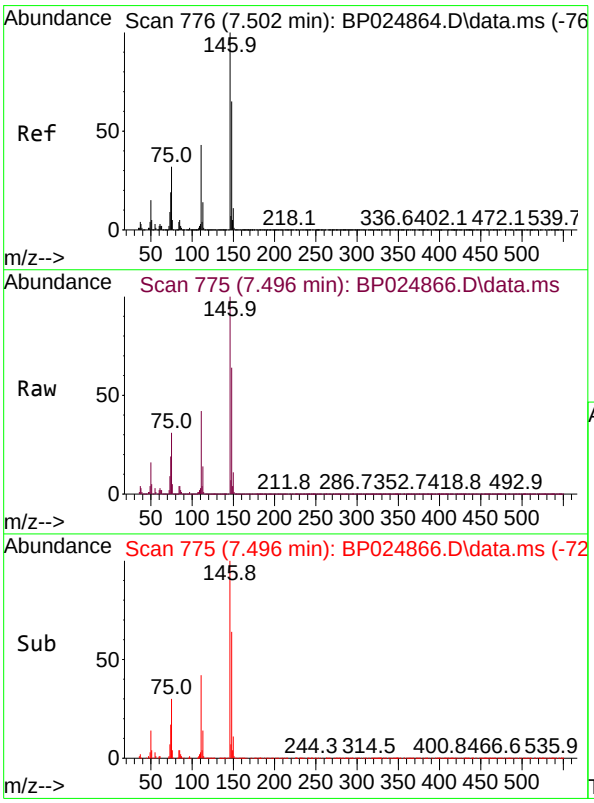
#11
bis(2-Chloroethyl)ether
Concen: 61.724 ng
RT: 7.043 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 926134

Ion	Ratio	Lower	Upper
93	100		
63	73.0	51.6	91.6
95	32.9	12.1	52.1

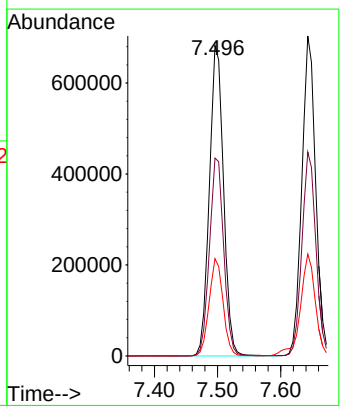


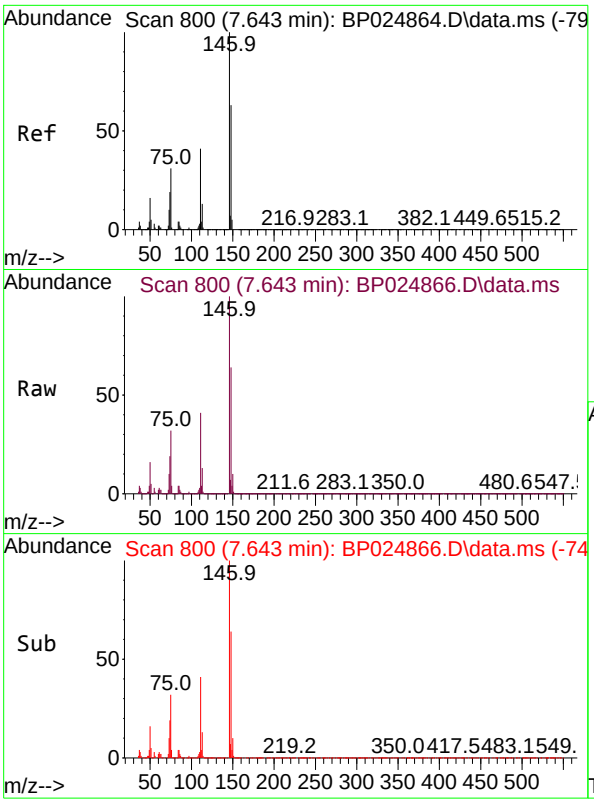


#12
1,3-Dichlorobenzene
Concen: 60.147 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:146 Resp: 1063861

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	31.3	25.3	37.9



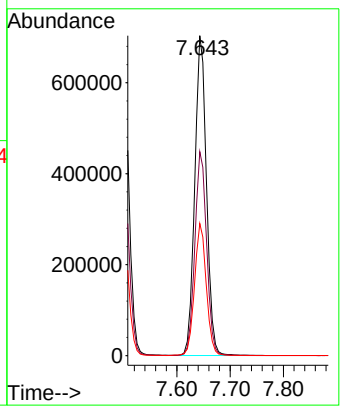


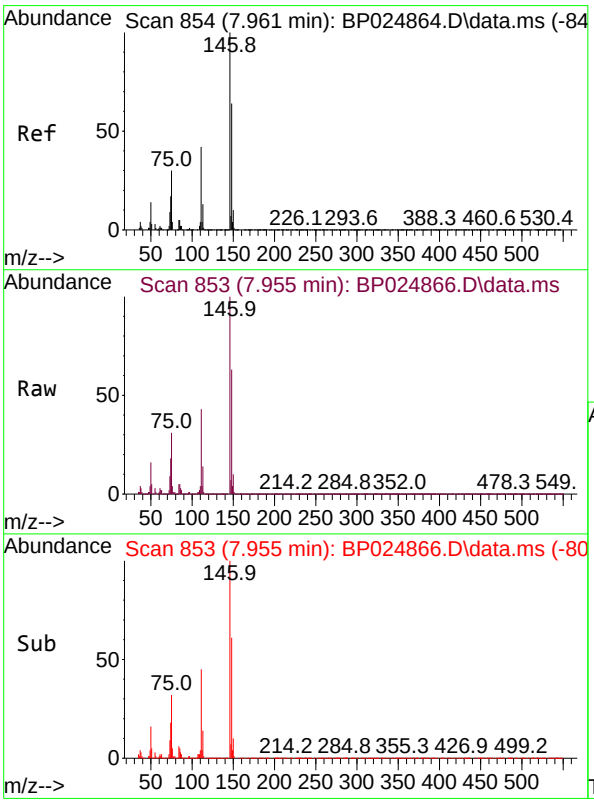
#13
1,4-Dichlorobenzene
Concen: 60.190 ng
RT: 7.643 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1074203

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.3	32.7	49.1

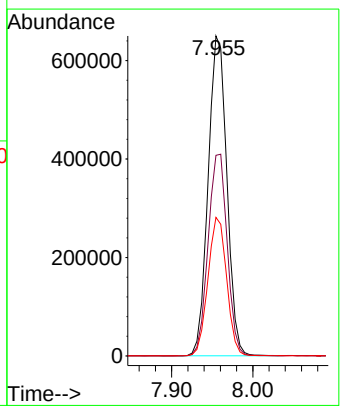


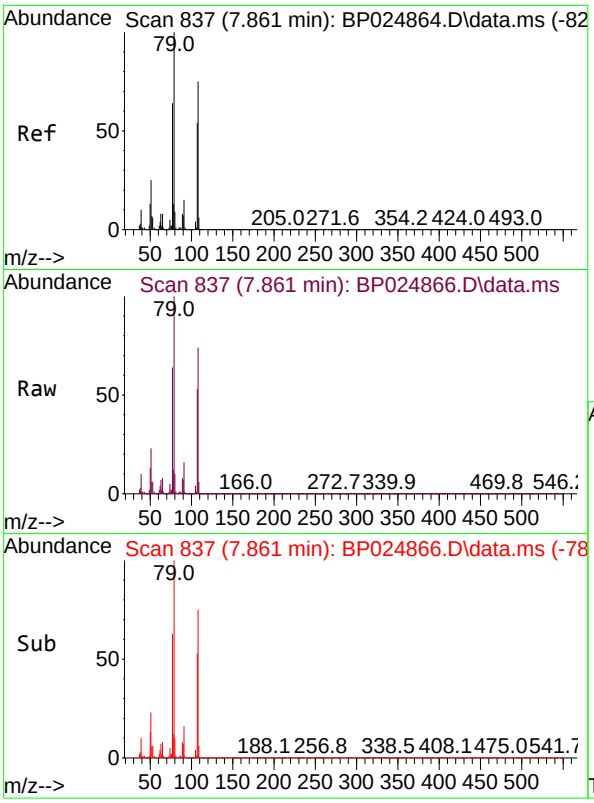


#14
1,2-Dichlorobenzene
Concen: 59.634 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:146 Resp: 1045089

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.4
111	43.3	33.8	50.8



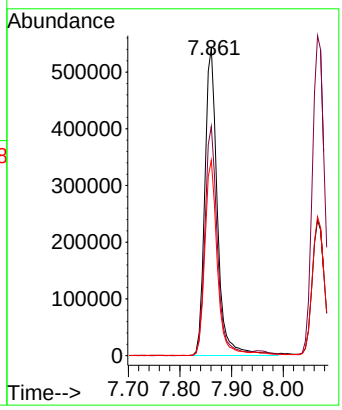


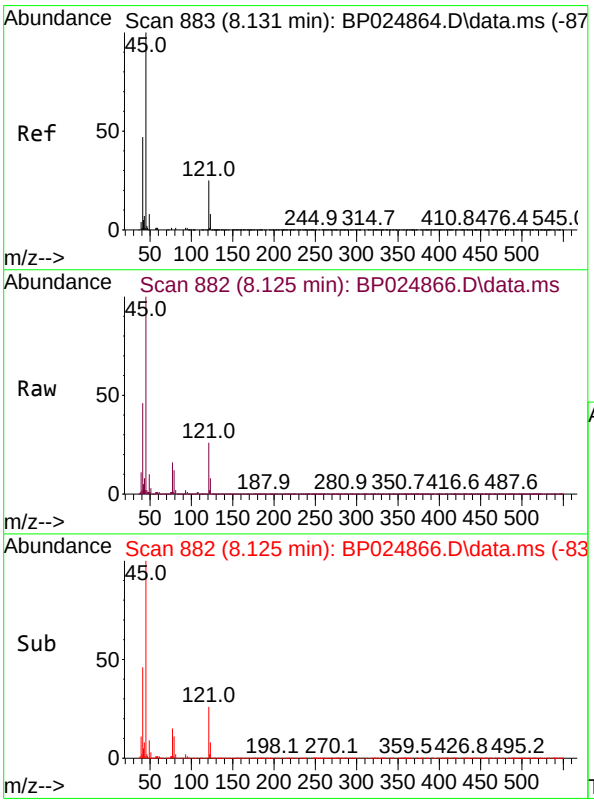
#15
Benzyl Alcohol
Concen: 64.561 ng
RT: 7.861 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 916921

Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.2	90.4
77	63.5	51.2	76.8

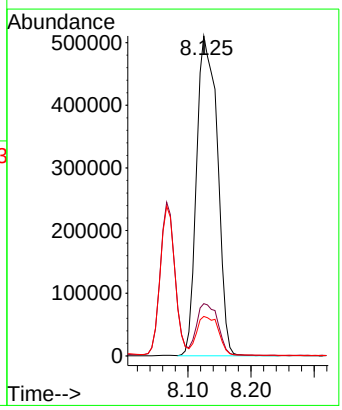


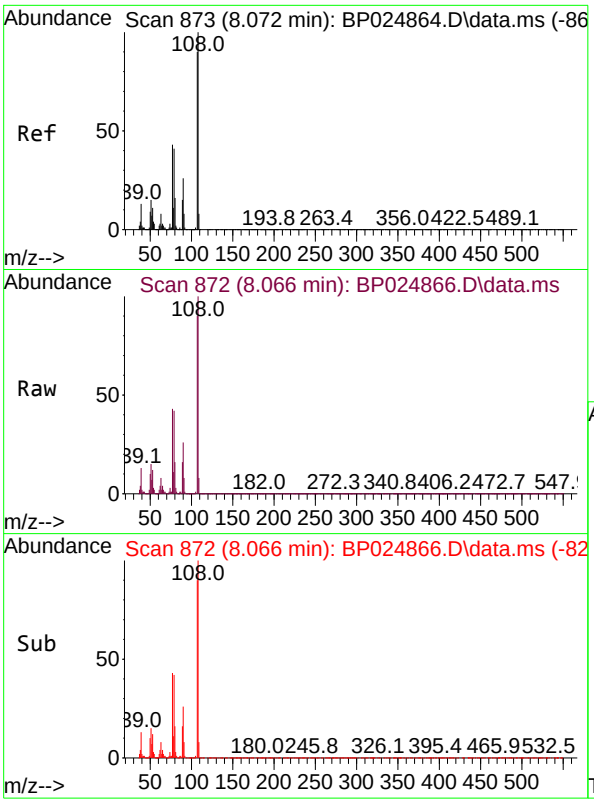


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.460 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 45 Resp: 1167705

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.3
79	12.3	0.0	32.2



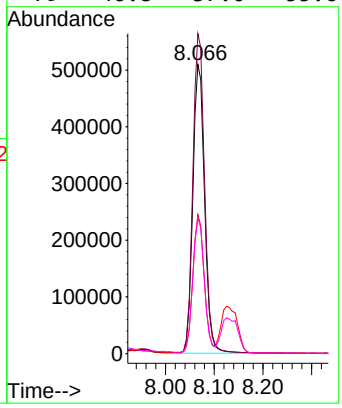


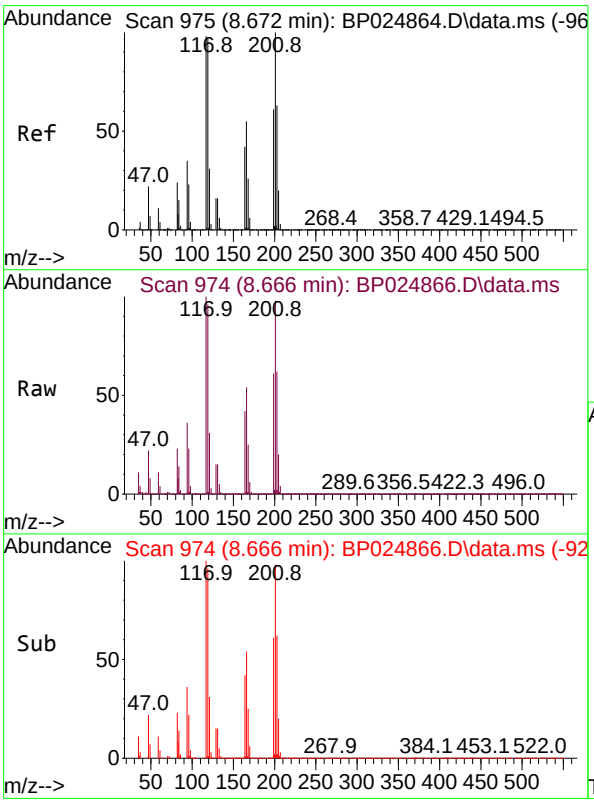
#17
2-Methylphenol
Concen: 63.670 ng
RT: 8.066 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 848195

Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.6	132.8
77	48.1	38.5	57.7
79	46.8	37.0	55.6

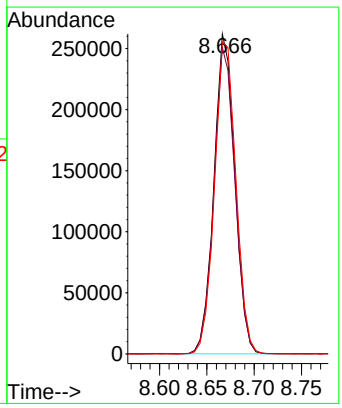


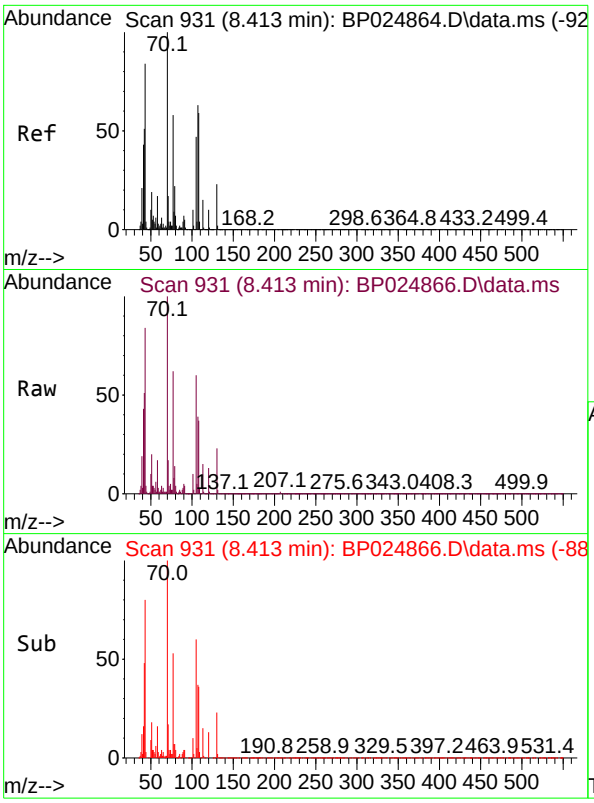


#18
Hexachloroethane
Concen: 59.807 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:117 Resp: 401855

Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.4	119.2
201	97.5	81.4	122.2



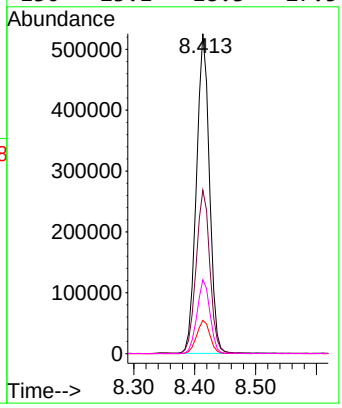


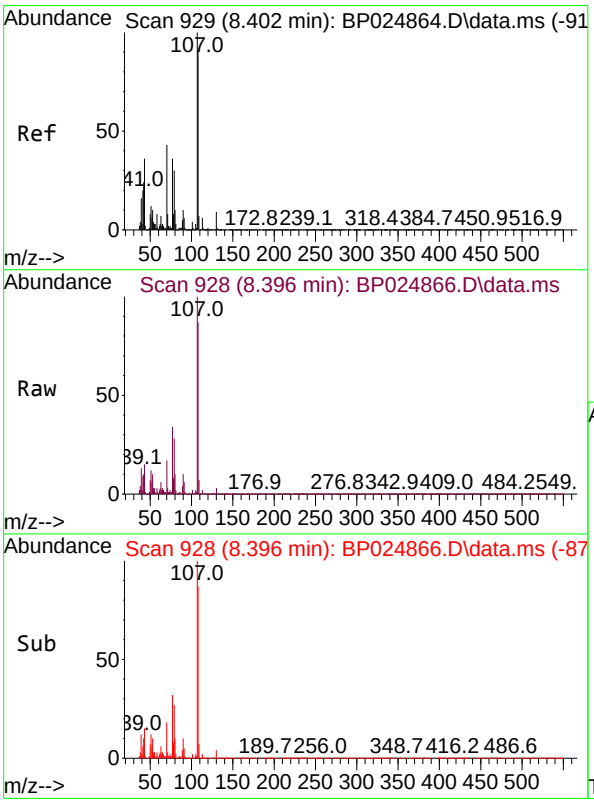
#19
n-Nitroso-di-n-propylamine
Concen: 61.970 ng
RT: 8.413 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 779593

Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.2	61.8
101	10.4	8.3	12.5
130	23.1	18.3	27.5

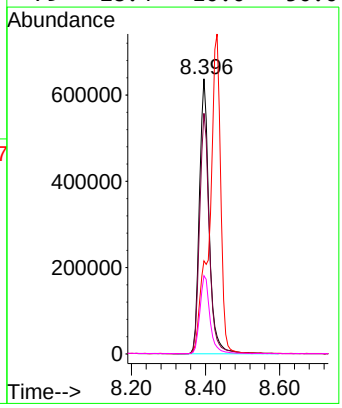


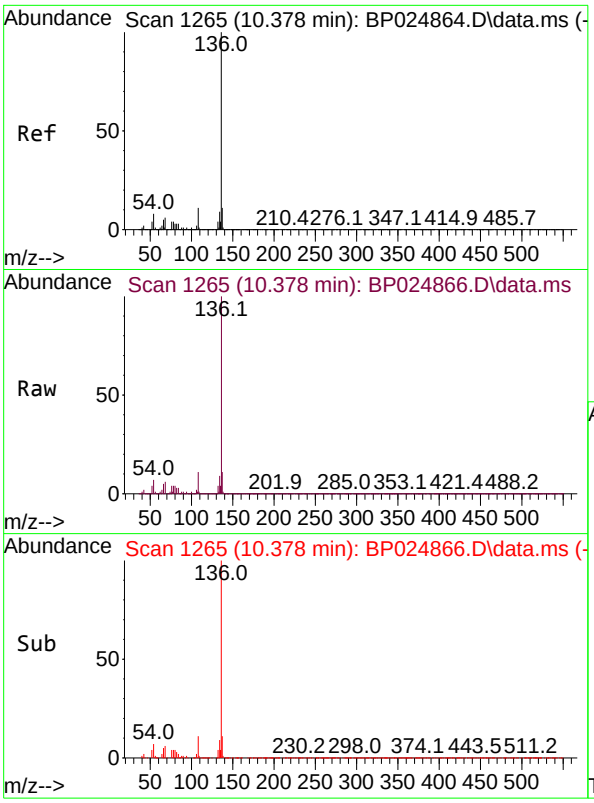


#20
3+4-Methylphenols
Concen: 63.519 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:107 Resp: 1154457

Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.7	110.7
77	33.8	16.6	56.6
79	28.4	10.0	50.0



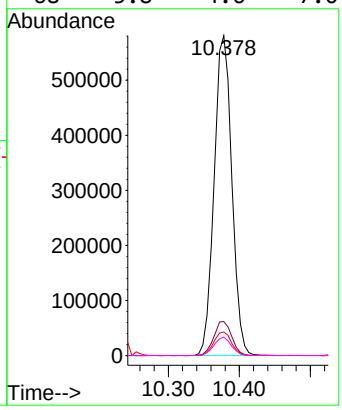


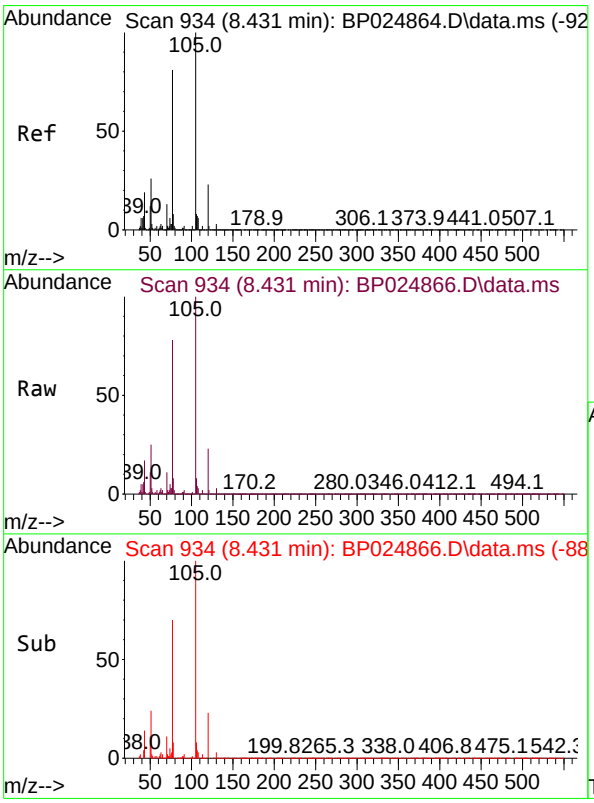
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1006719

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.1	9.1
68	5.8	4.6	7.0

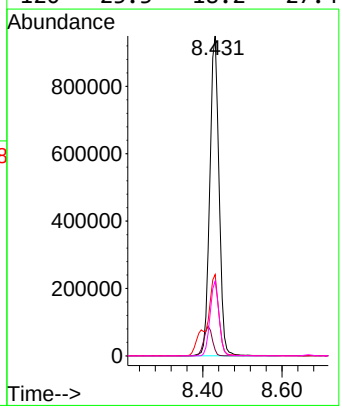


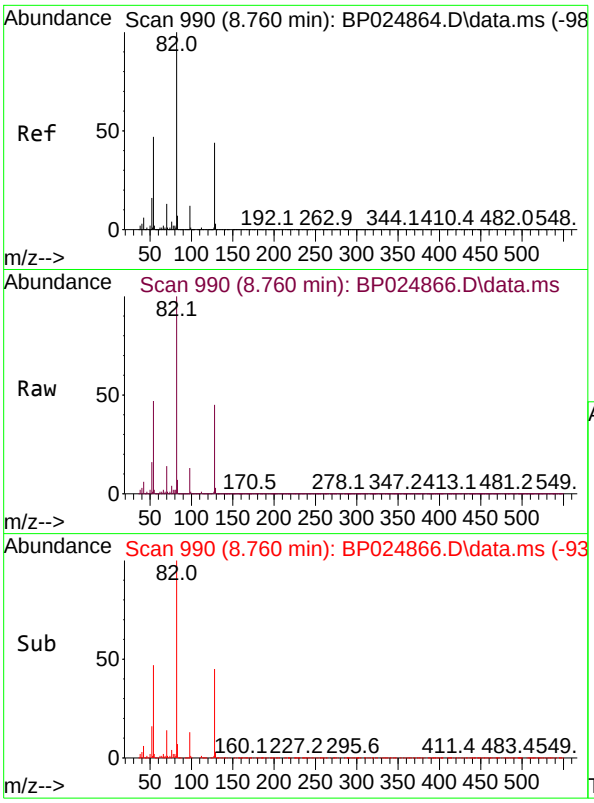


#22
Acetophenone
Concen: 60.563 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:105 Resp: 1540416

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.6	2.4
51	25.4	20.6	31.0
120	23.3	18.2	27.4



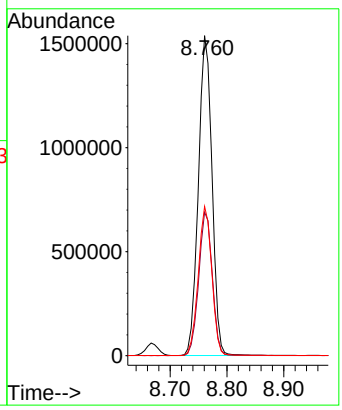


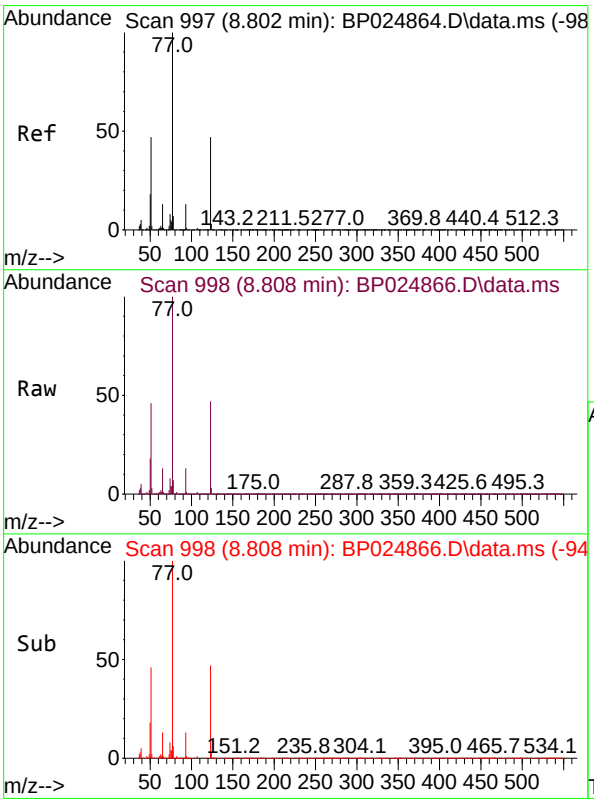
#23
Nitrobenzene-d5
Concen: 123.355 ng
RT: 8.760 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2555584

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	46.6	37.4	56.0

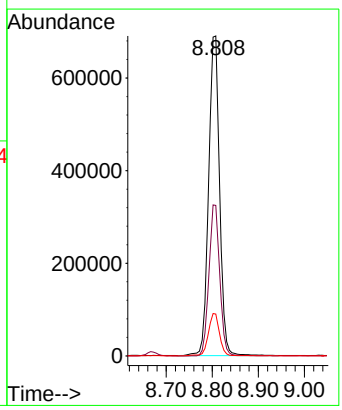


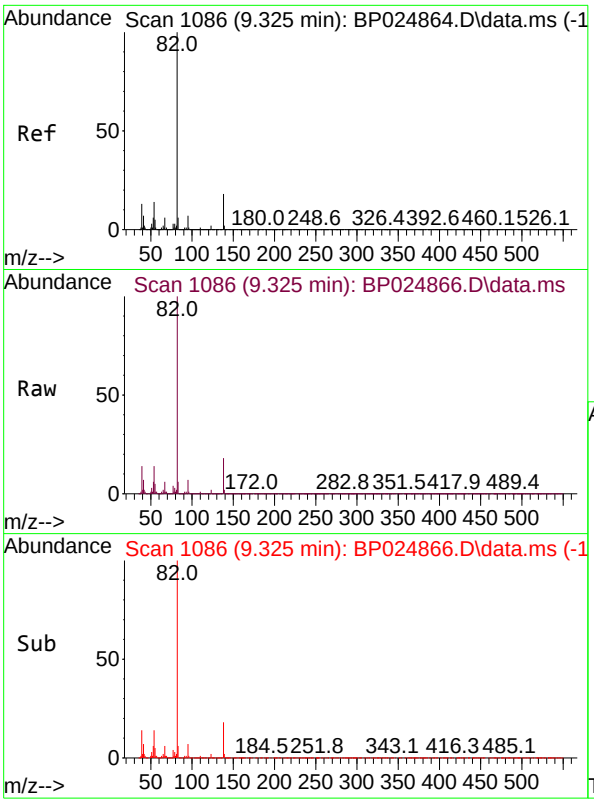


#24
Nitrobenzene
Concen: 61.735 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 77 Resp: 1136226

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.3	55.9
65	13.1	10.8	16.2



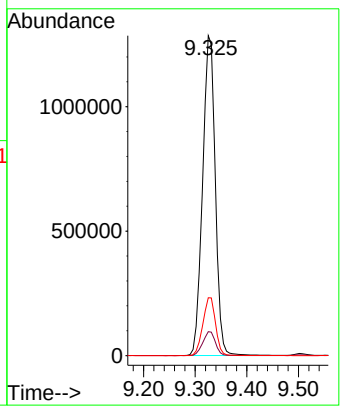


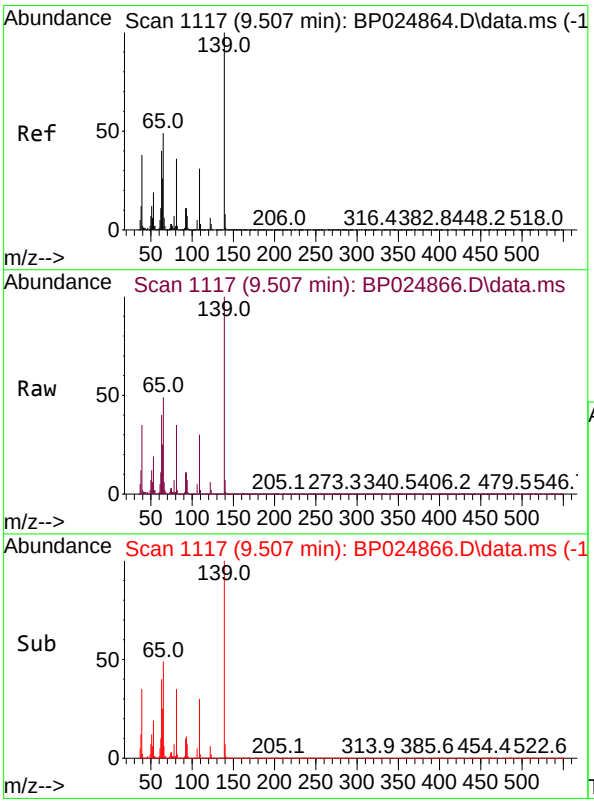
#25
Isophorone
Concen: 61.027 ng
RT: 9.325 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2191187

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	18.1	14.6	21.8

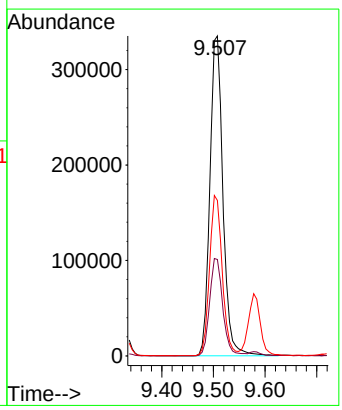


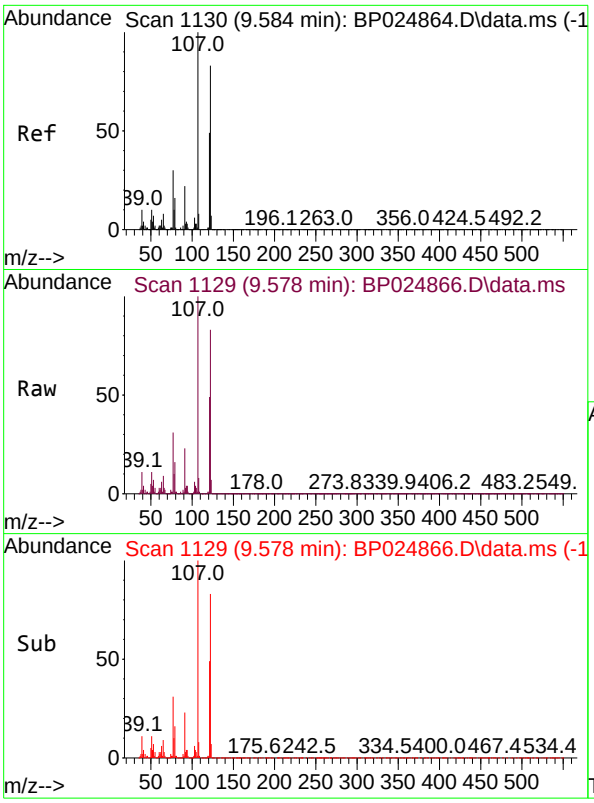


#26
2-Nitrophenol
Concen: 64.723 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:139 Resp: 587760

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	37.0
65	48.6	39.5	59.3



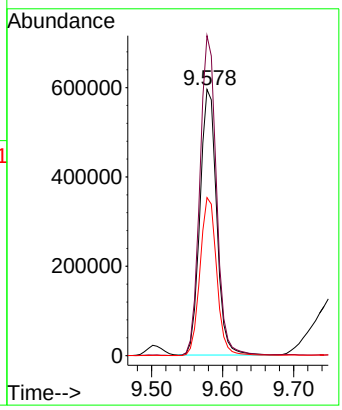


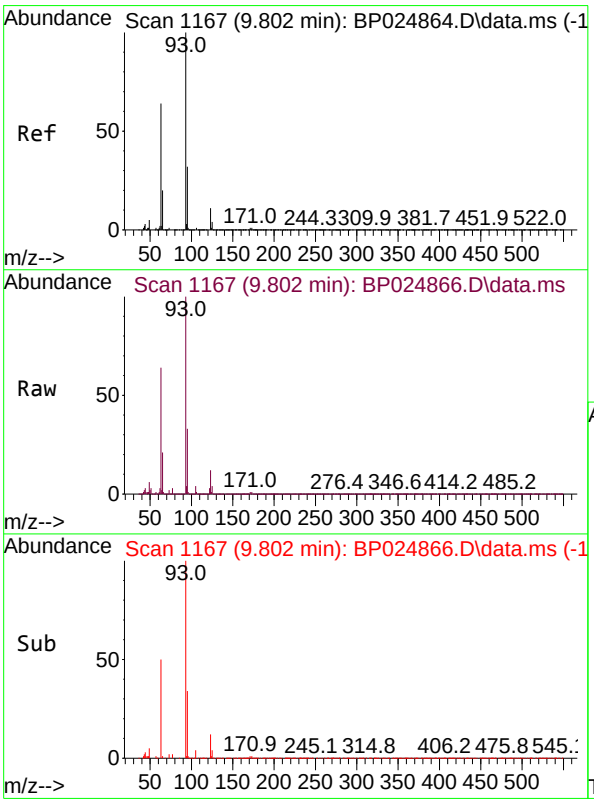
#27
2,4-Dimethylphenol
Concen: 62.151 ng
RT: 9.578 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 965935

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.4
121	59.4	47.0	70.4

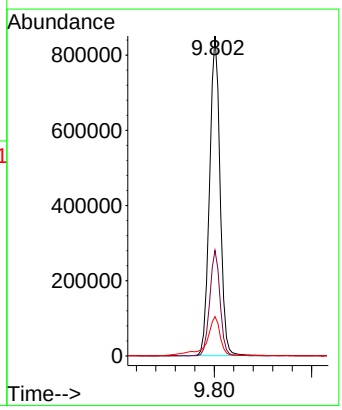


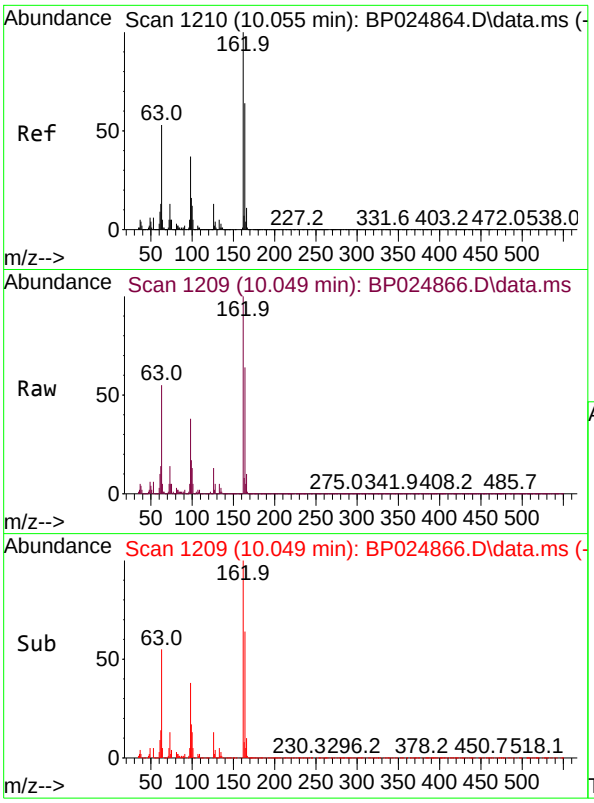


#28
bis(2-Chloroethoxy)methane
Concen: 59.694 ng
RT: 9.802 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 93 Resp: 1278529

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.5	38.3
123	12.3	9.2	13.8



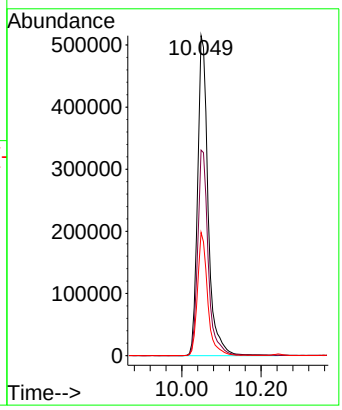


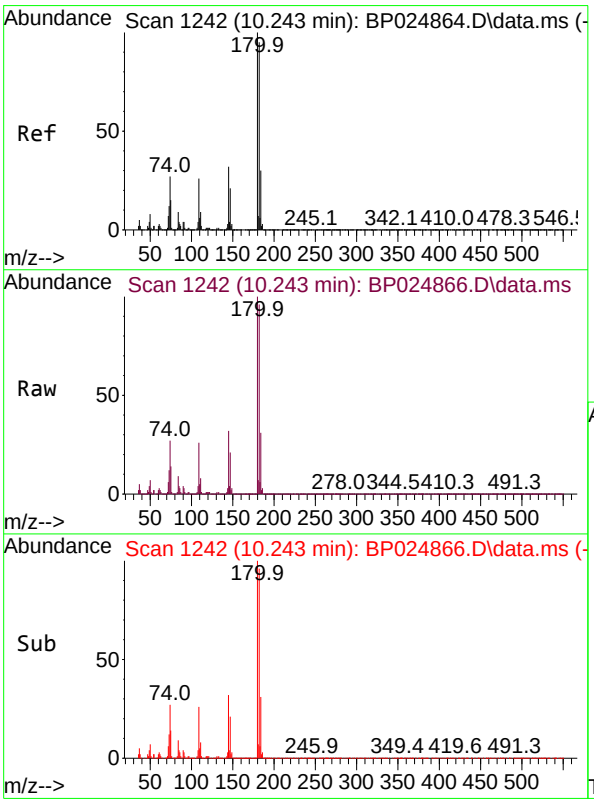
#29
2,4-Dichlorophenol
Concen: 63.413 ng
RT: 10.049 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 945641

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.0	84.0
98	38.5	16.9	56.9

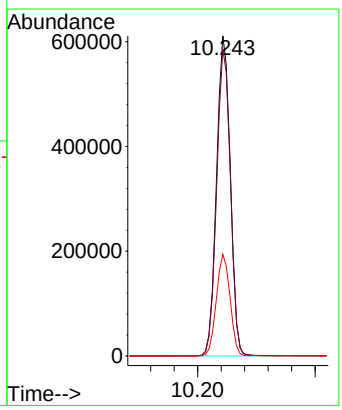


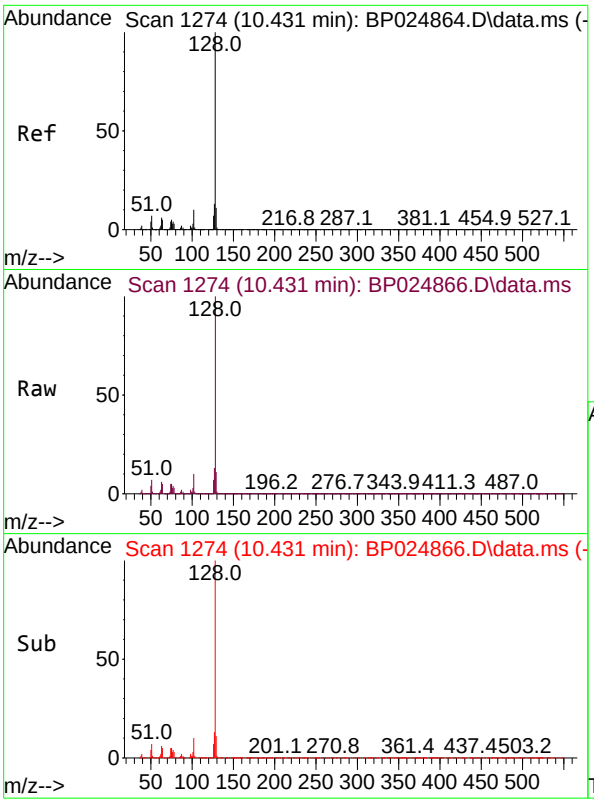


#30
1,2,4-Trichlorobenzene
Concen: 59.169 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:180 Resp: 995211

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	31.7	25.7	38.5



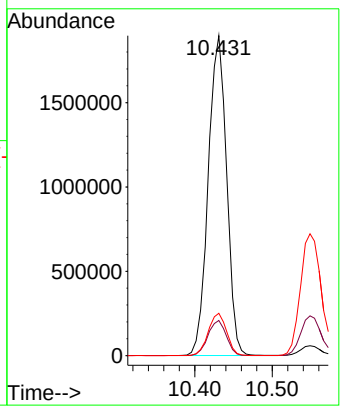


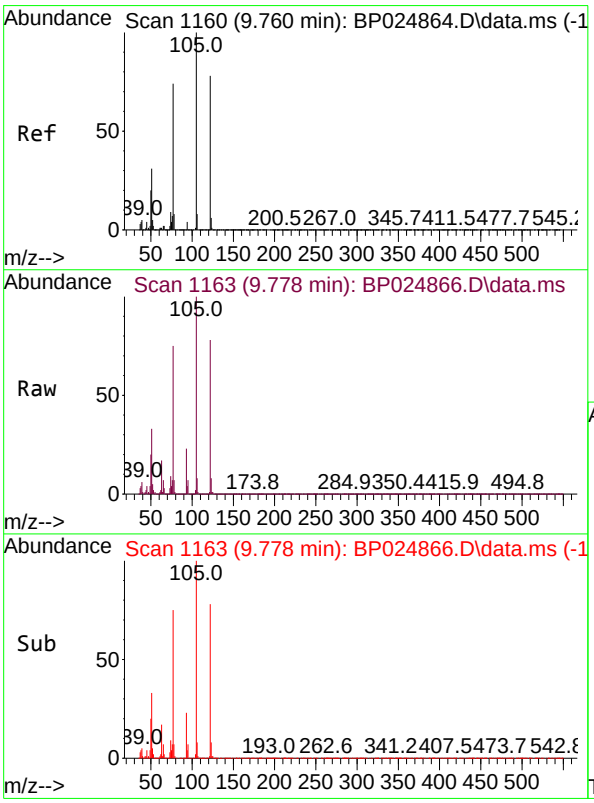
#31
Naphthalene
Concen: 60.566 ng
RT: 10.431 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3124640

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.7	16.1

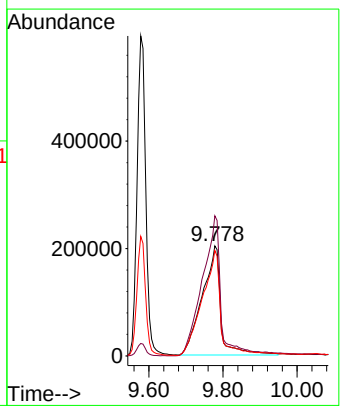


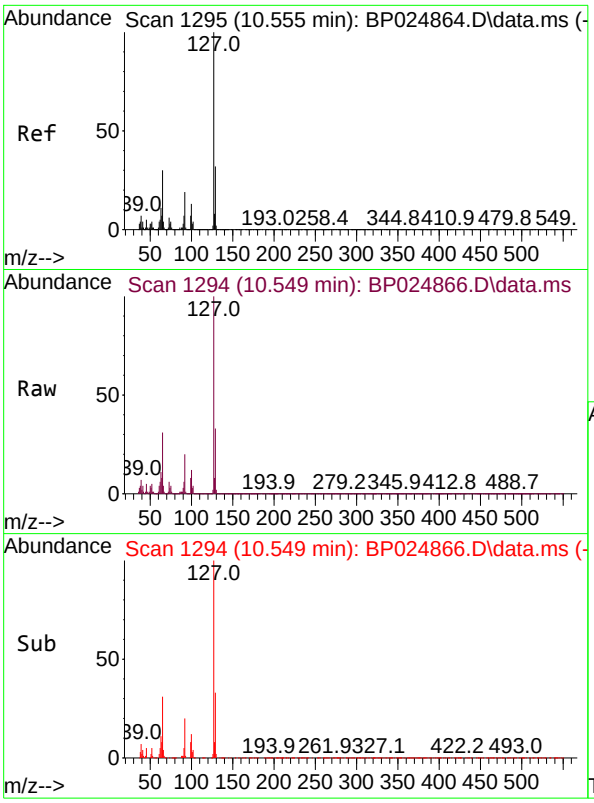


#32
Benzoic acid
Concen: 68.525 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:122 Resp: 710052

Ion	Ratio	Lower	Upper
122	100		
105	127.5	107.1	147.1
77	95.8	75.1	115.1



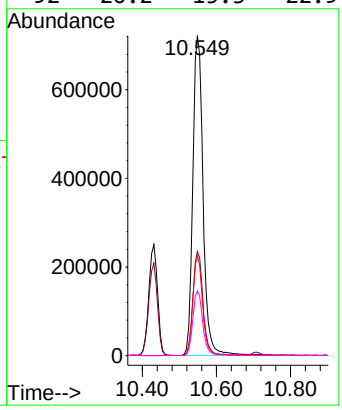


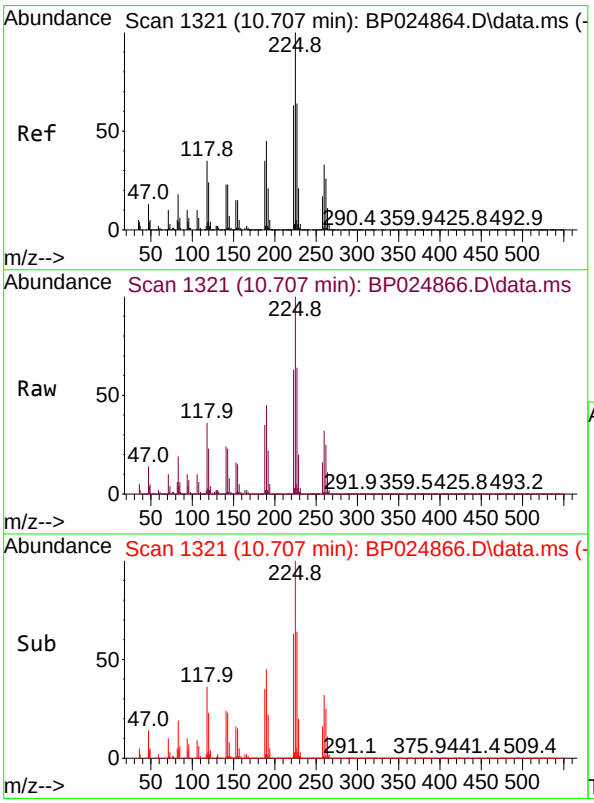
#33
4-Chloroaniline
Concen: 64.650 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1397378

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.2	23.9	35.9
92	20.2	15.3	22.9

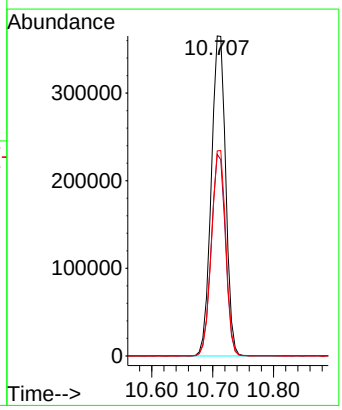


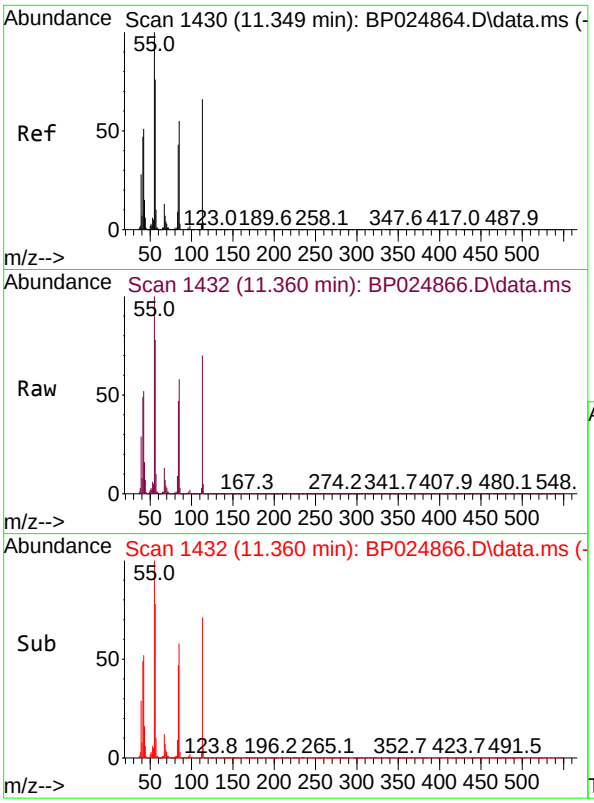


#34
Hexachlorobutadiene
Concen: 59.056 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:225 Resp: 598677

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	64.1	51.4	77.2



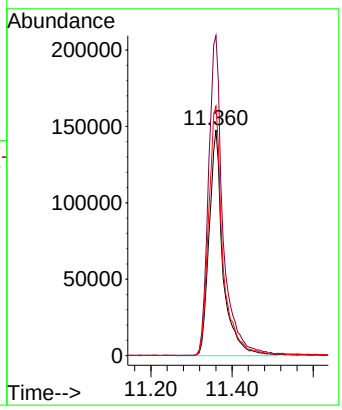


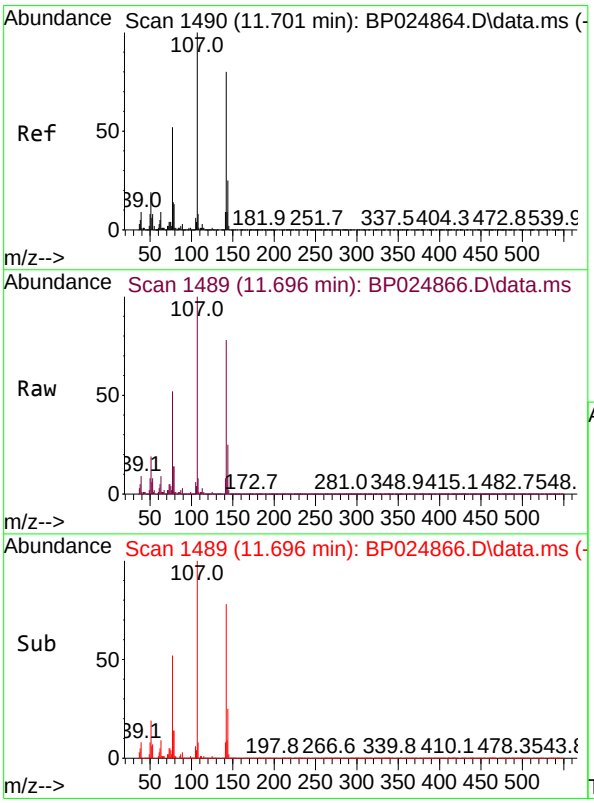
#35
Caprolactam
Concen: 63.654 ng
RT: 11.360 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 349412

Ion	Ratio	Lower	Upper
113	100		
55	141.9	132.5	172.5
56	110.6	96.0	136.0

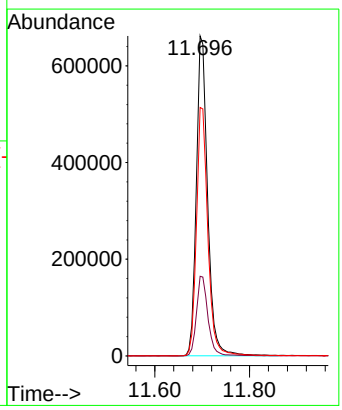


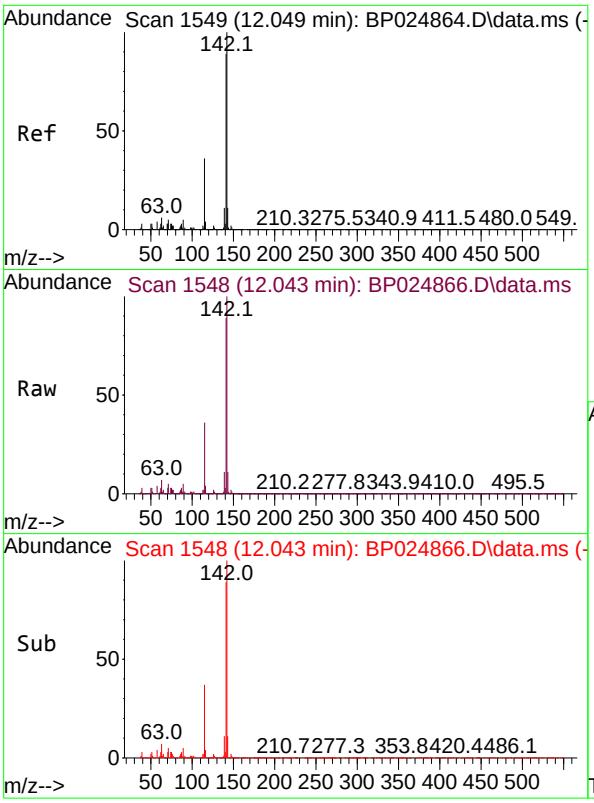


#36
4-Chloro-3-methylphenol
Concen: 63.738 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:107 Resp: 1096315

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.4	30.6
142	77.6	63.8	95.6



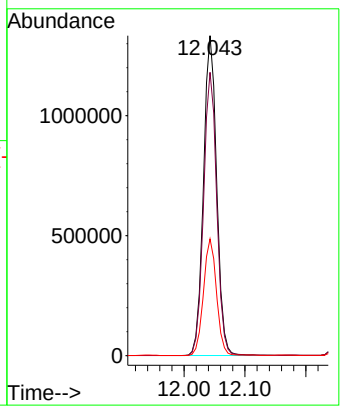


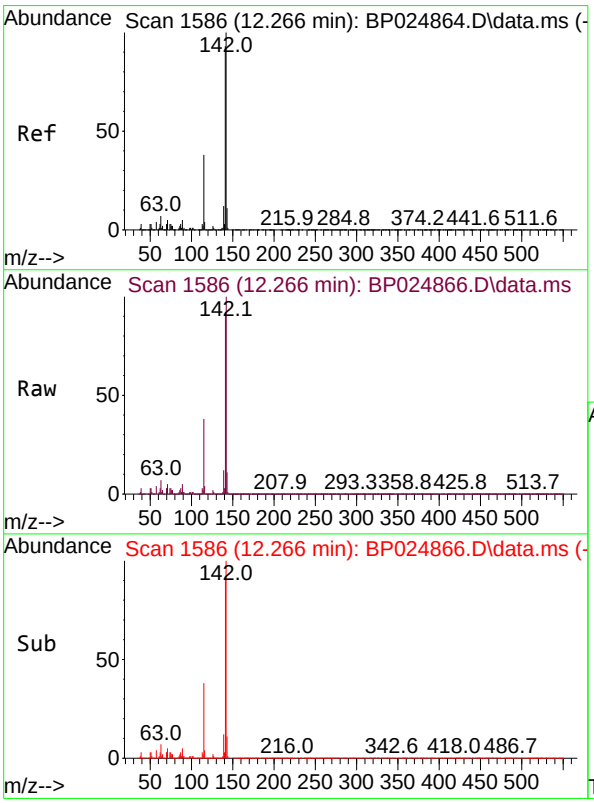
#37
2-Methylnaphthalene
Concen: 61.250 ng
RT: 12.043 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2004422

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	36.5	28.5	42.7

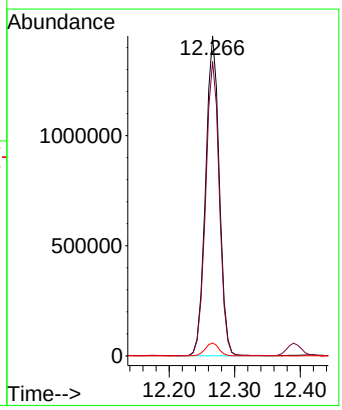


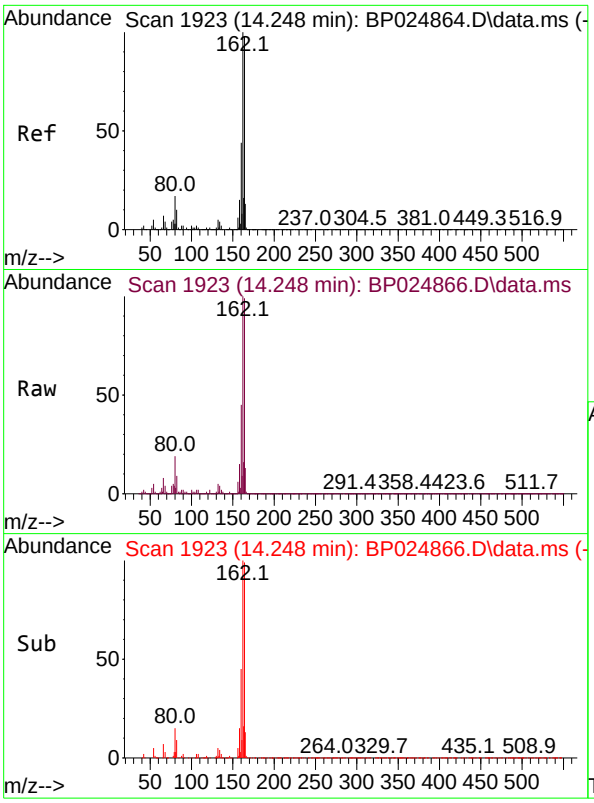


#38
1-Methylnaphthalene
Concen: 59.832 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:142 Resp: 2093346

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.7	112.1
116	4.0	3.4	5.0



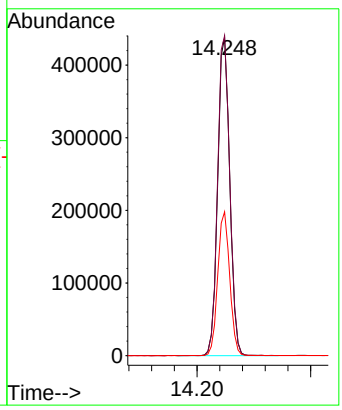


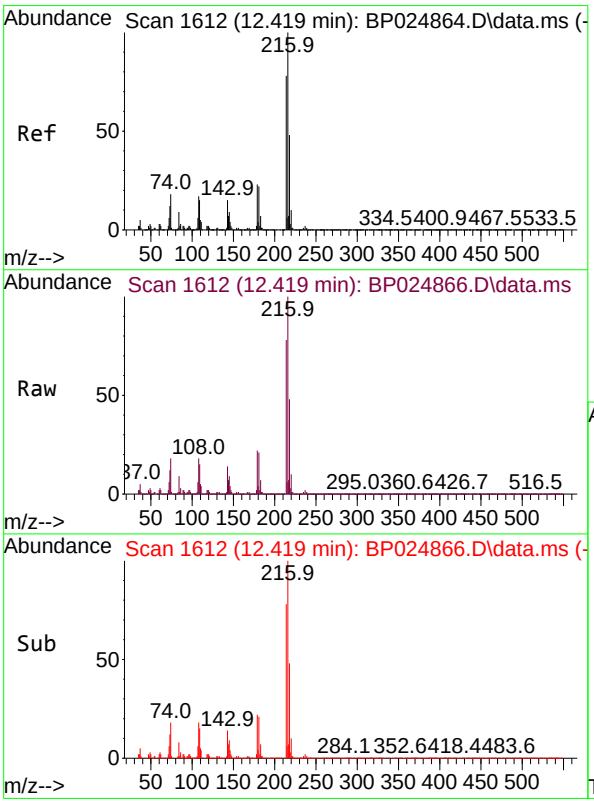
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 639758

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.6	122.4
160	45.2	36.2	54.2

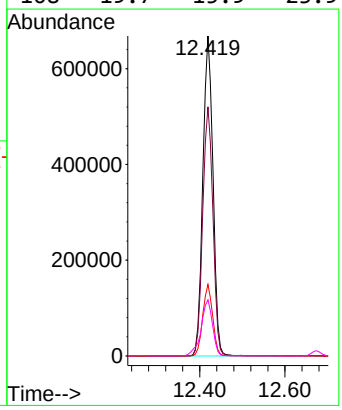


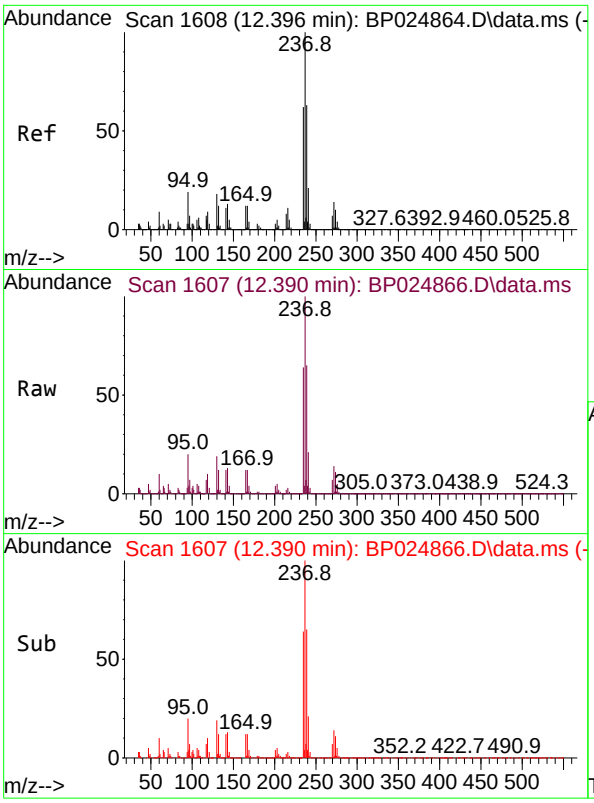


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.637 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:216 Resp: 1100767

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.8	17.8	26.6
108	19.7	15.9	23.9



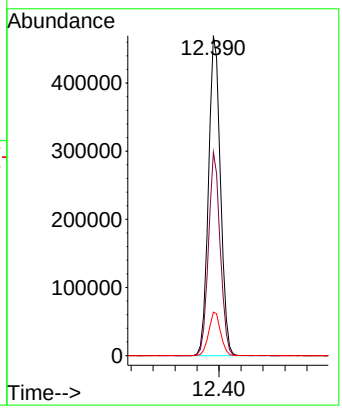


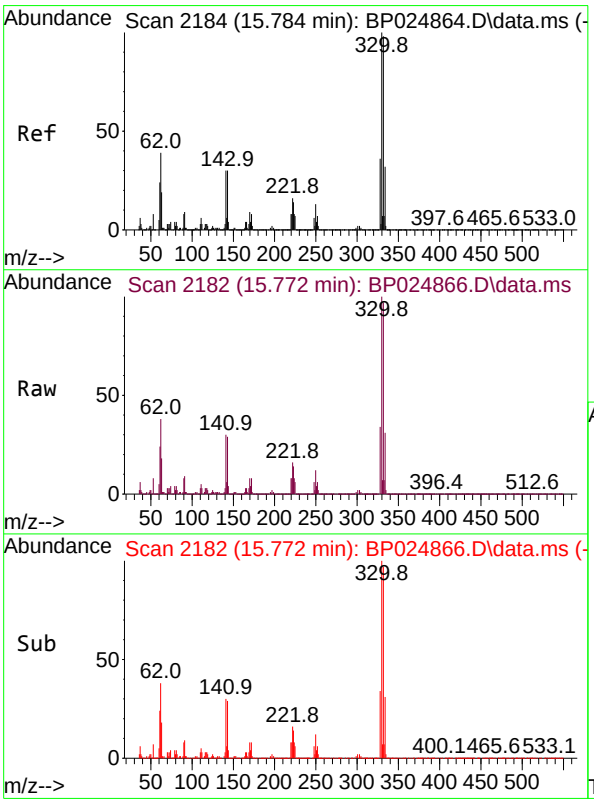
#41
Hexachlorocyclopentadiene
Concen: 63.884 ng
RT: 12.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 707348

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.9	81.9
272	13.6	0.0	33.7

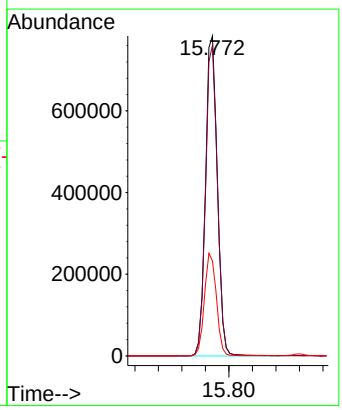


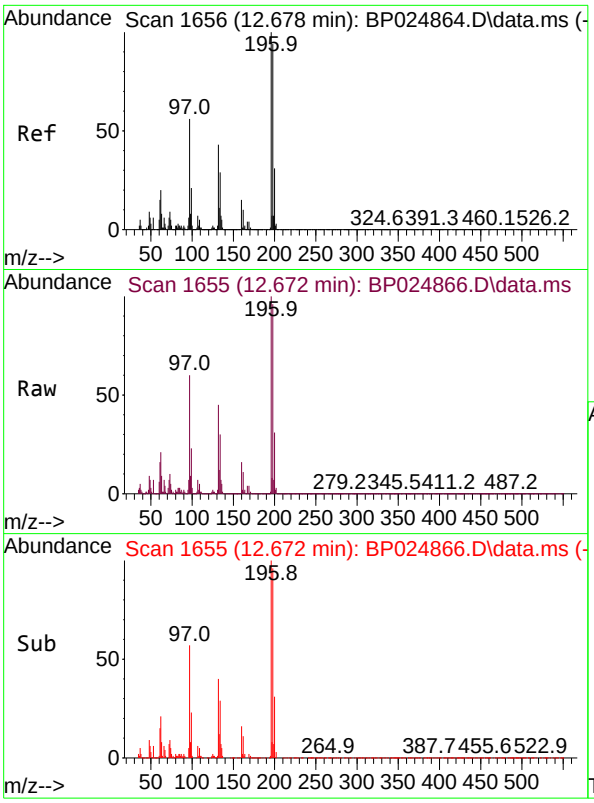


#42
2,4,6-Tribromophenol
Concen: 124.076 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:330 Resp: 1097449

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	32.4	26.4	39.6



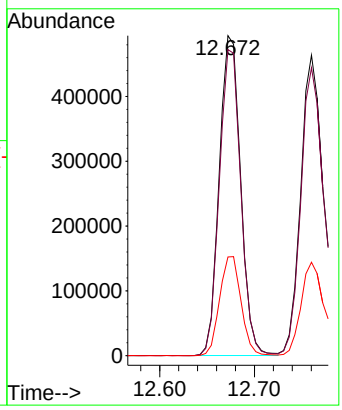


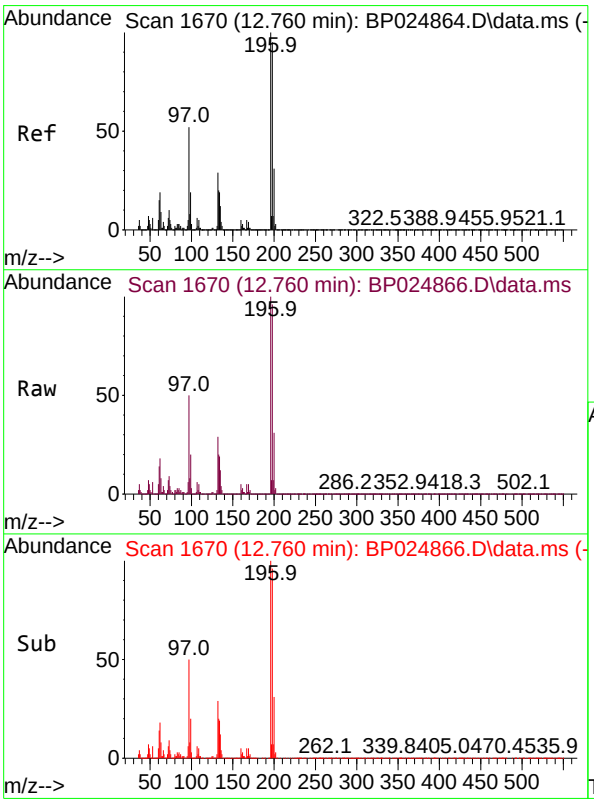
#43
2,4,6-Trichlorophenol
Concen: 63.669 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 776210

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.4	113.0
200	30.8	24.4	36.6

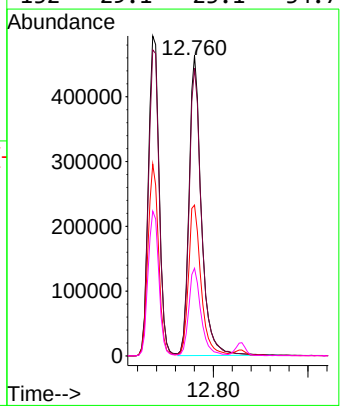


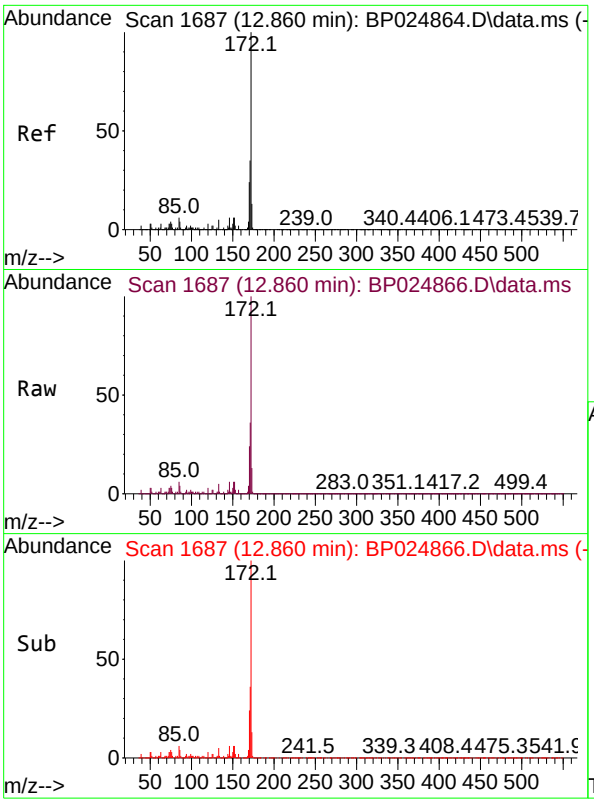


#44
2,4,5-Trichlorophenol
Concen: 64.077 ng
RT: 12.760 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:196 Resp: 836590

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.0	114.0
97	50.2	41.5	62.3
132	29.1	23.1	34.7



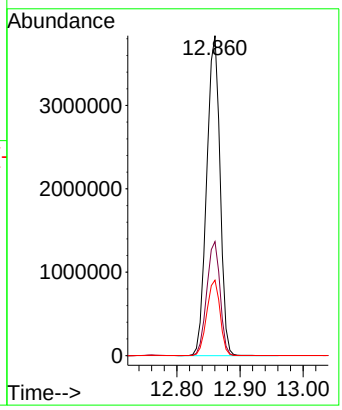


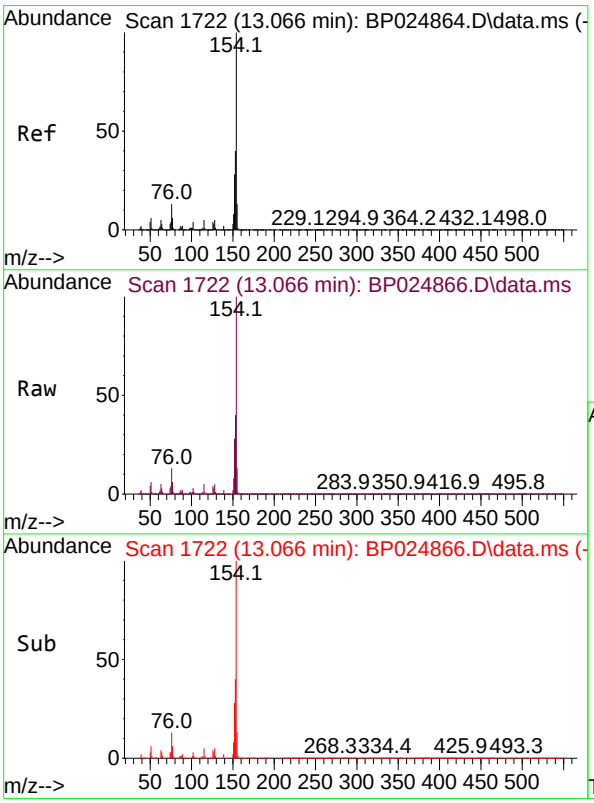
#45
2-Fluorobiphenyl
Concen: 118.347 ng
RT: 12.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5620380

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.6	19.0	28.4

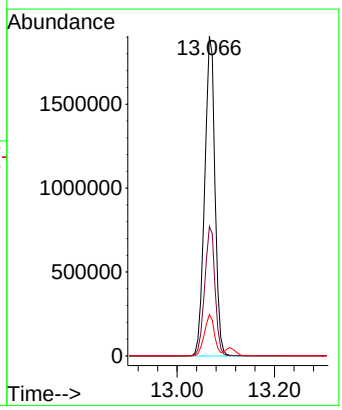


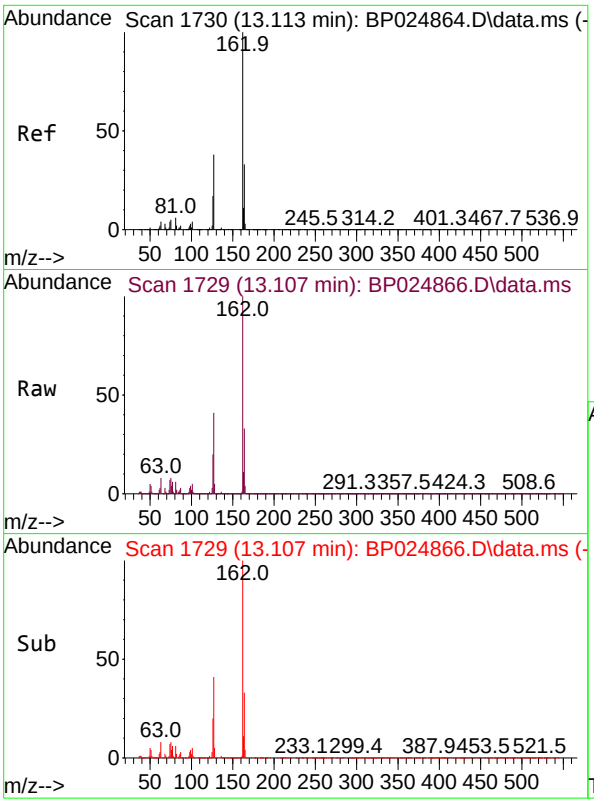


#46
1,1'-Biphenyl
Concen: 60.176 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:154 Resp: 2797746

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	12.9	0.0	33.0



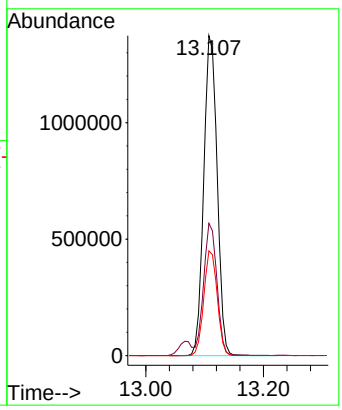


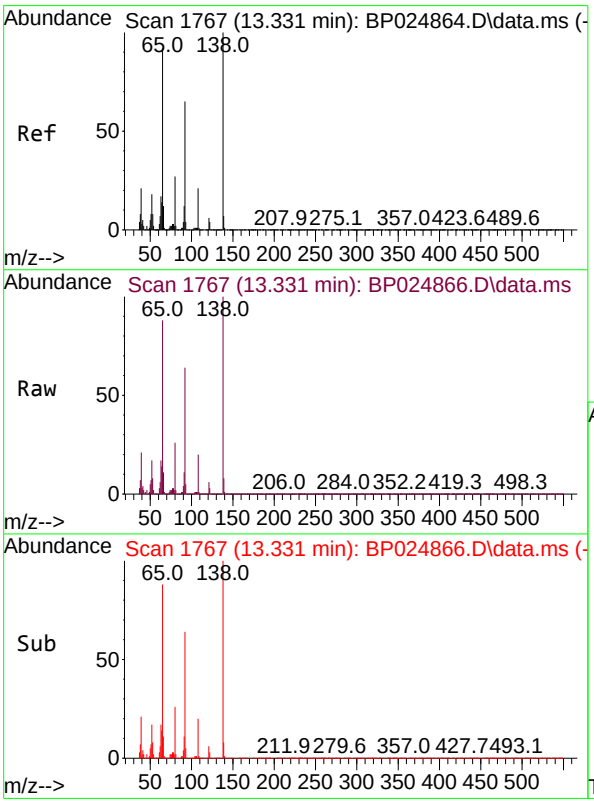
#47
2-Chloronaphthalene
Concen: 61.023 ng
RT: 13.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2180558

Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.5	48.7
164	32.7	26.2	39.2

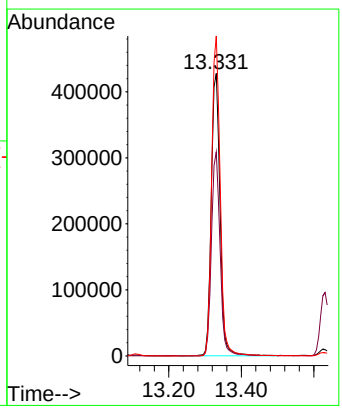


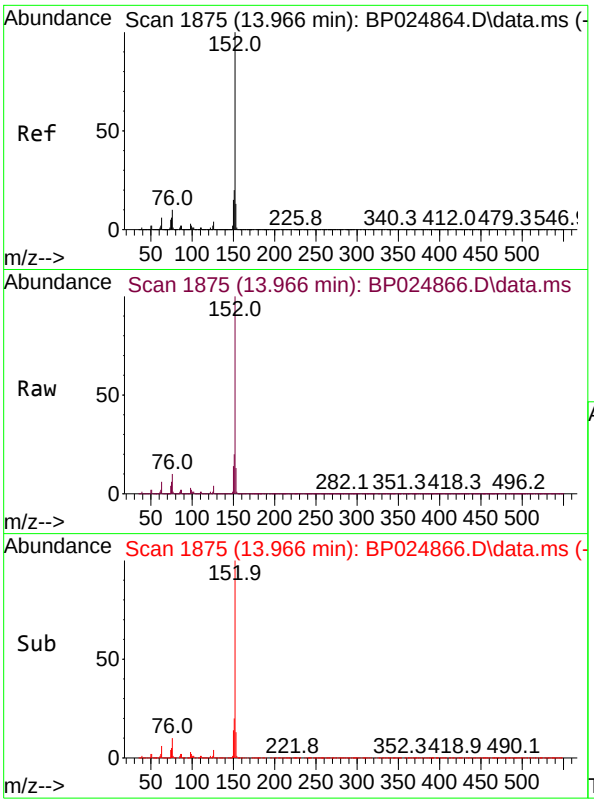


#48
2-Nitroaniline
Concen: 65.376 ng
RT: 13.331 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 65 Resp: 718204

Ion	Ratio	Lower	Upper
65	100		
92	72.2	56.8	85.2
138	113.3	86.9	130.3



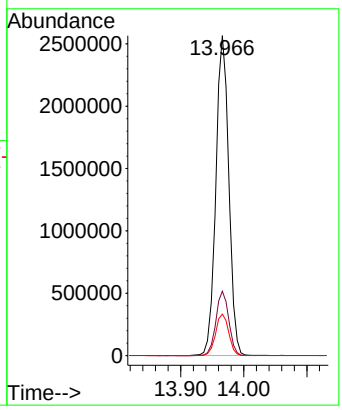


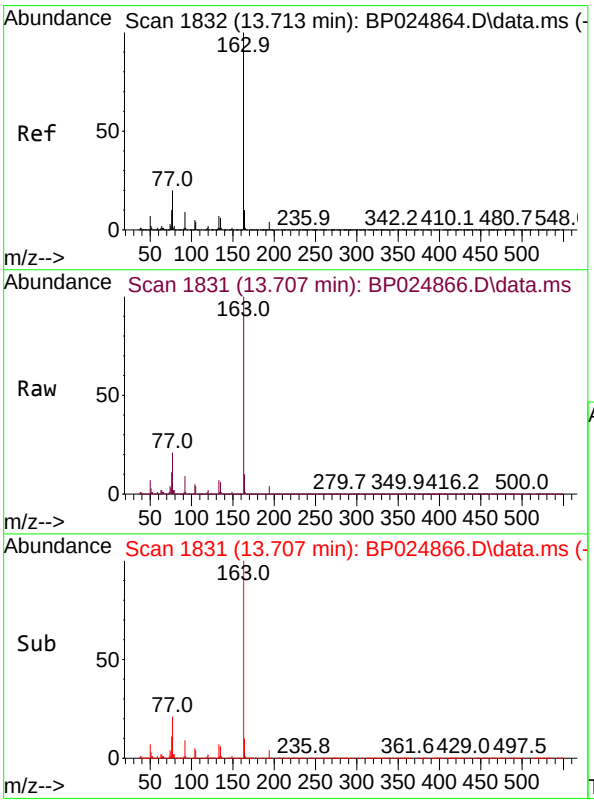
#49
Acenaphthylene
Concen: 61.318 ng
RT: 13.966 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3653383

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.0	10.6	15.8

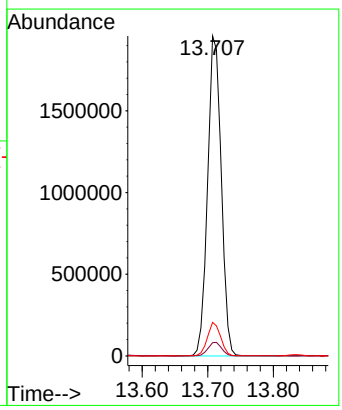


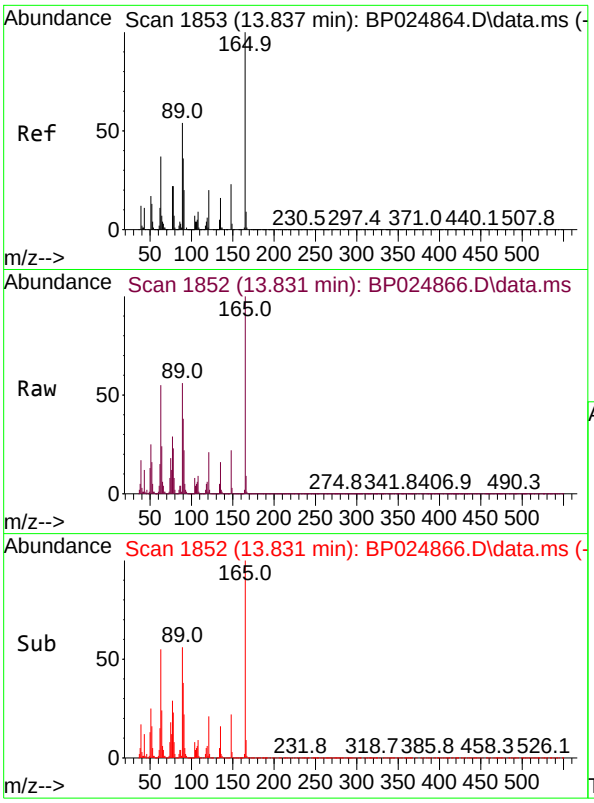


#50
Dimethylphthalate
Concen: 59.902 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:163 Resp: 2826983

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.0	12.0



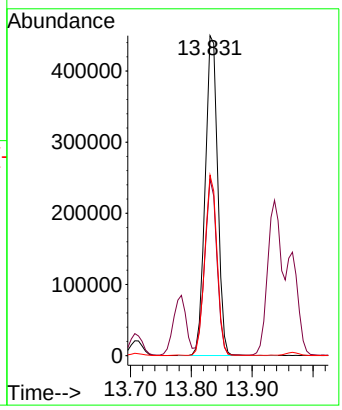


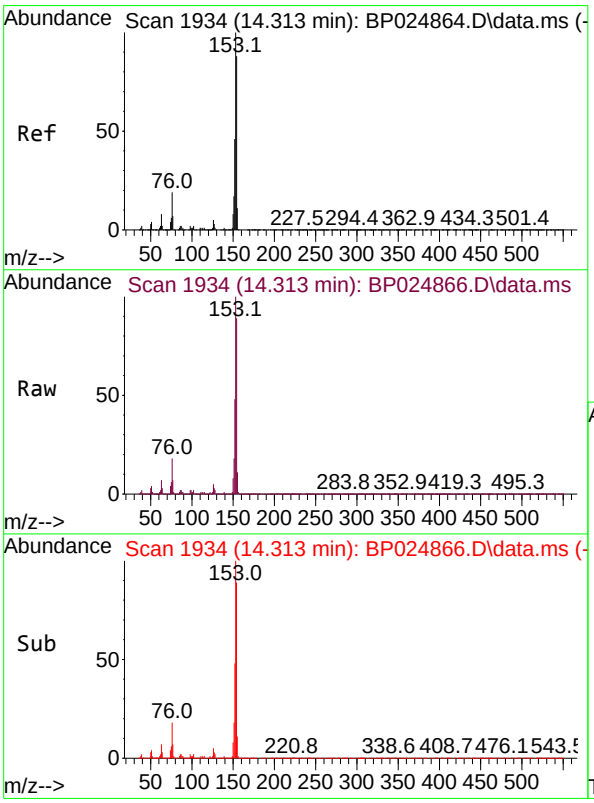
#51
2,6-Dinitrotoluene
Concen: 62.878 ng
RT: 13.831 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 639722

Ion	Ratio	Lower	Upper
165	100		
63	55.2	41.8	62.8
89	56.4	43.1	64.7

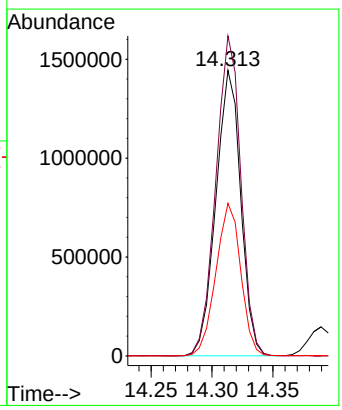


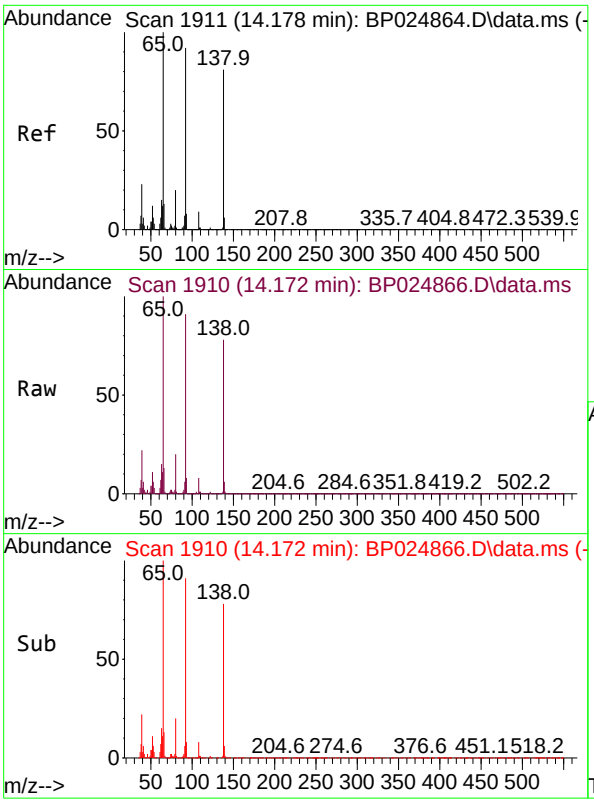


#52
Acenaphthene
Concen: 60.082 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:154 Resp: 2051309

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.5	42.1	63.1



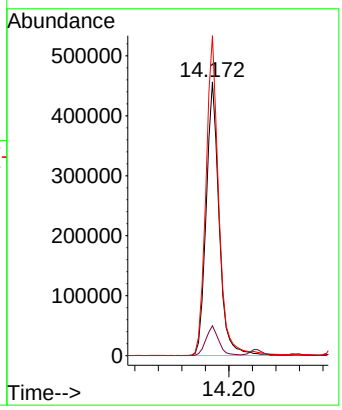


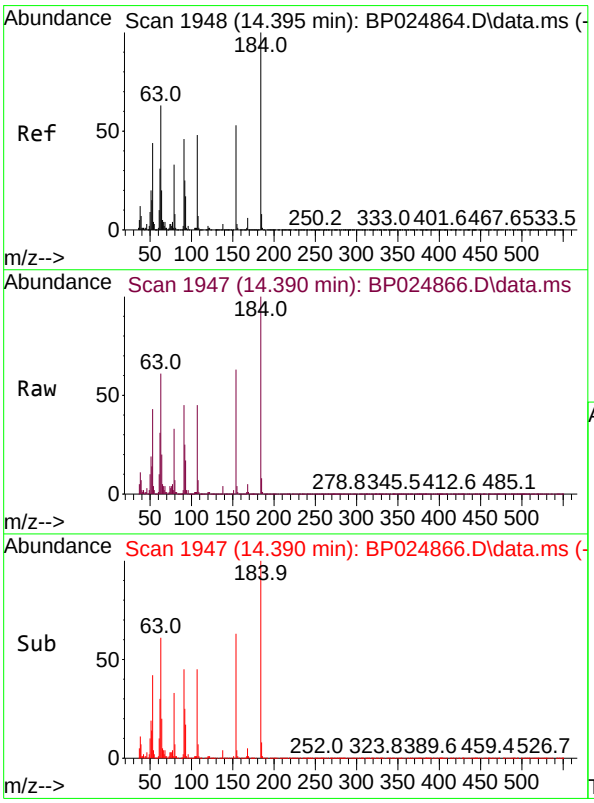
#53
3-Nitroaniline
Concen: 66.199 ng
RT: 14.172 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 698945

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	12.8
92	116.9	91.3	136.9

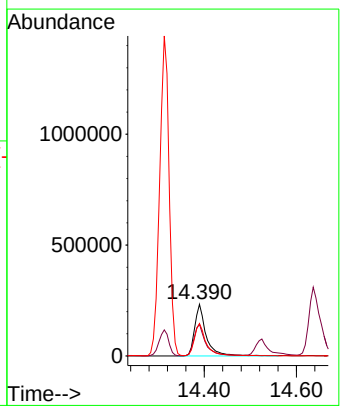


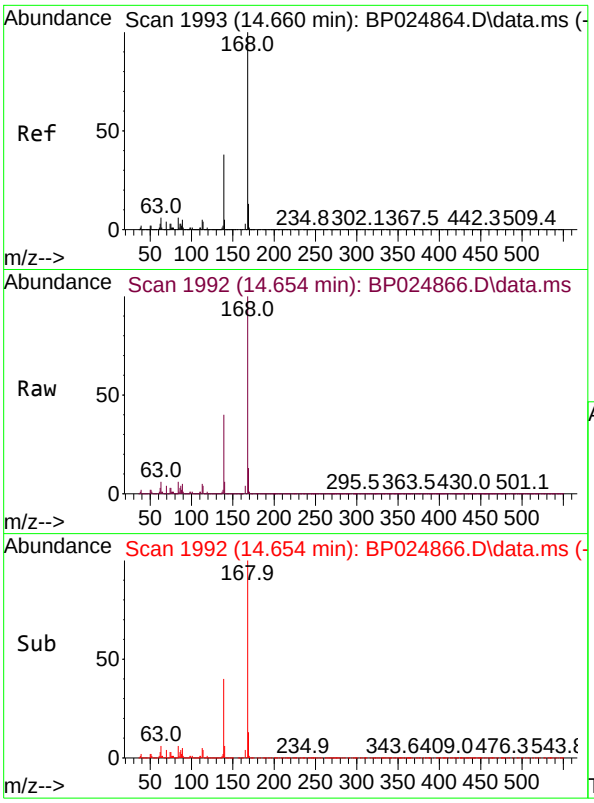


#54
2,4-Dinitrophenol
Concen: 61.497 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:184 Resp: 398250

Ion	Ratio	Lower	Upper
184	100		
63	61.2	51.0	76.4
154	63.0	51.7	77.5



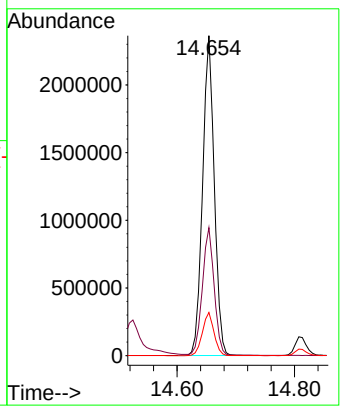


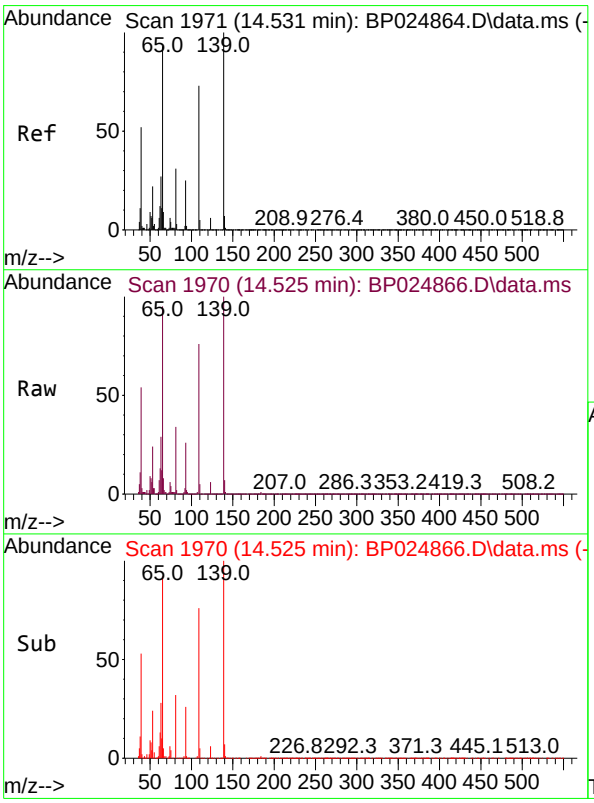
#55
Dibenzofuran
Concen: 59.618 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3267254

Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.6	47.4
169	13.5	10.6	15.8

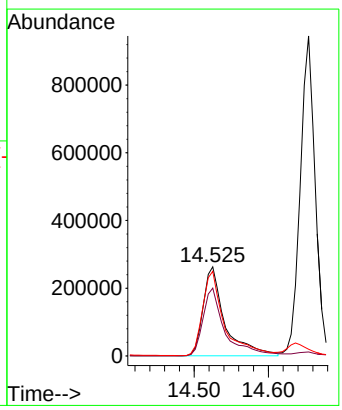


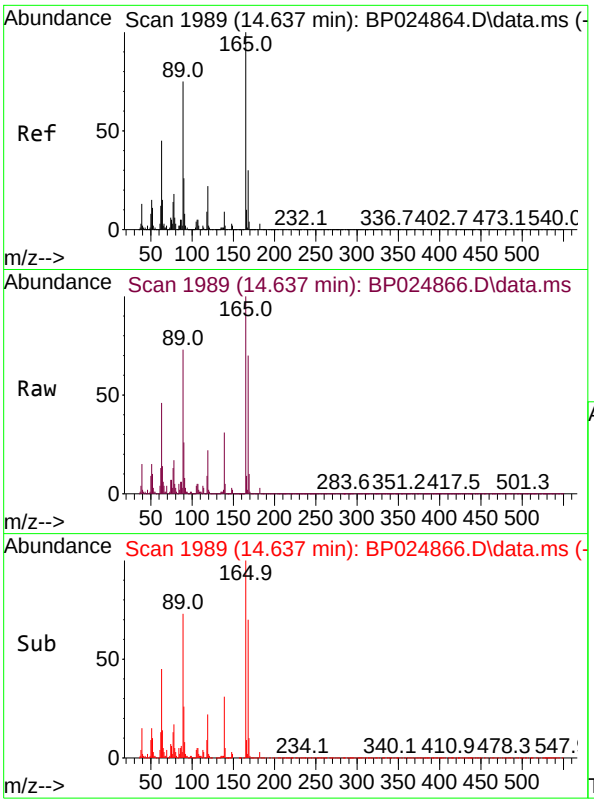


#56
4-Nitrophenol
Concen: 61.650 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:139 Resp: 539162

Ion	Ratio	Lower	Upper
139	100		
109	76.2	53.1	93.1
65	95.0	73.0	113.0



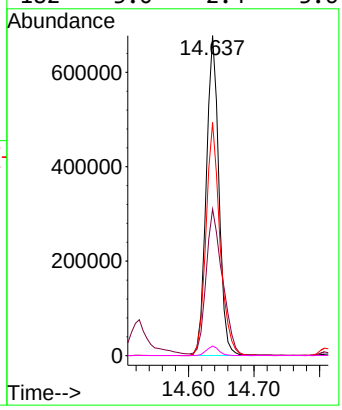


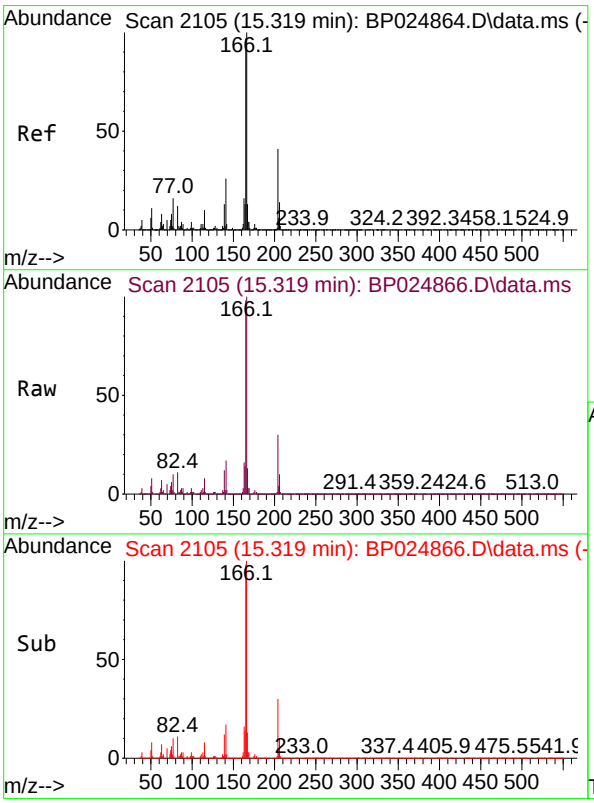
#57
2,4-Dinitrotoluene
Concen: 63.345 ng
RT: 14.637 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 901515

Ion	Ratio	Lower	Upper
165	100		
63	45.8	37.0	55.6
89	72.8	60.1	90.1
182	3.0	2.4	3.6

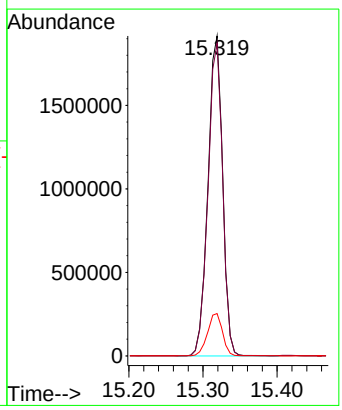


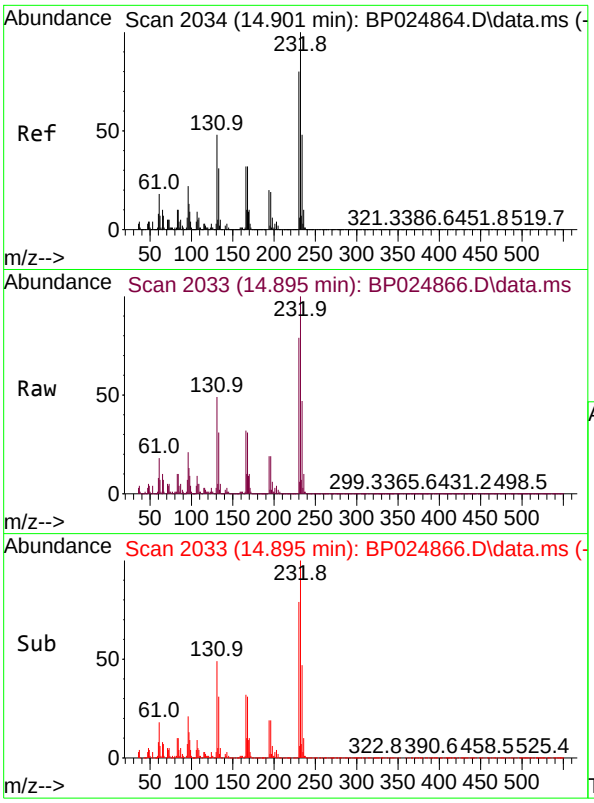


#58
Fluorene
Concen: 59.381 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:166 Resp: 2628887

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.2	10.6	16.0



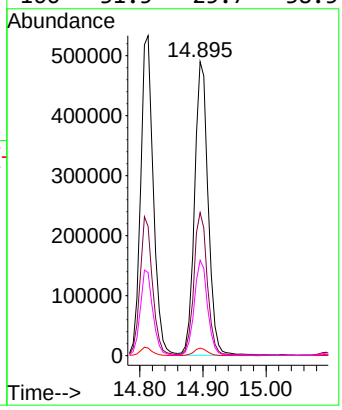


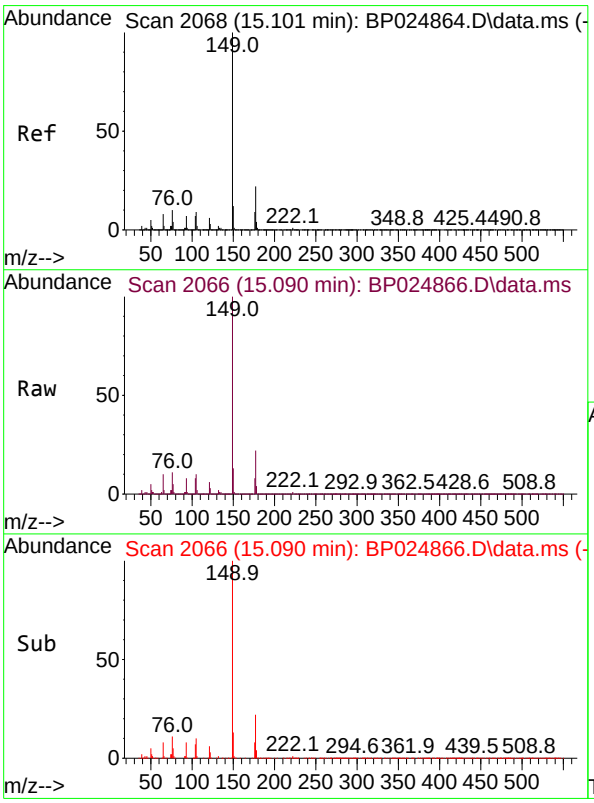
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.524 ng
RT: 14.895 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 730647

Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.2	57.2
130	2.5	2.1	3.1
166	31.5	25.7	38.5

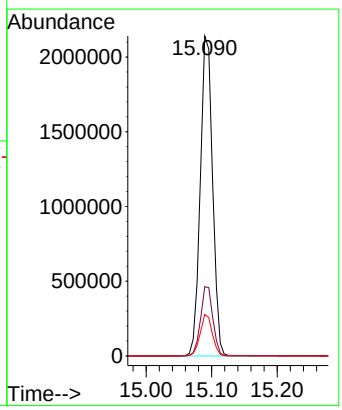


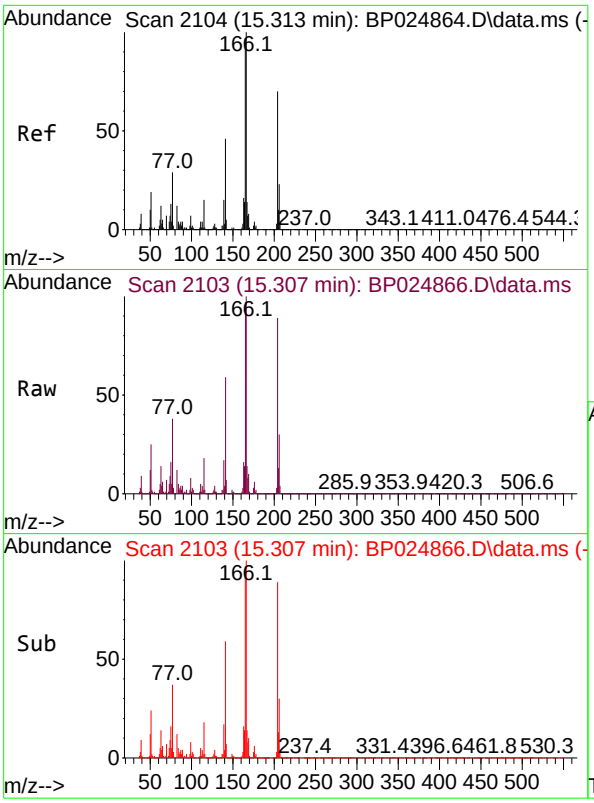


#60
Diethylphthalate
Concen: 58.943 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 2772340

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	12.9	9.8	14.6



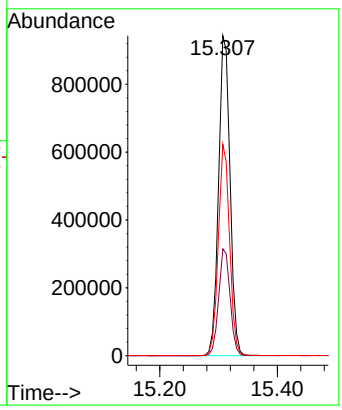


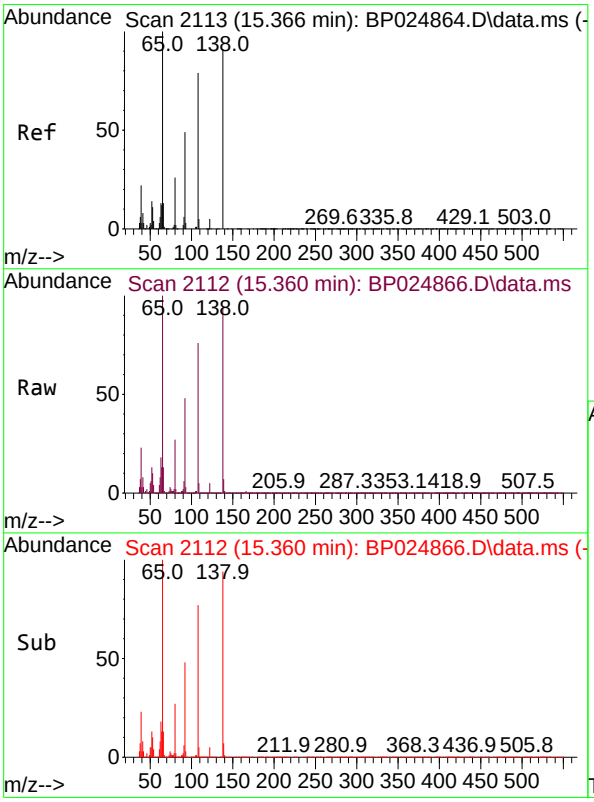
#61
4-Chlorophenyl-phenylether
Concen: 58.980 ng
RT: 15.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1276716

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	66.0	52.4	78.6

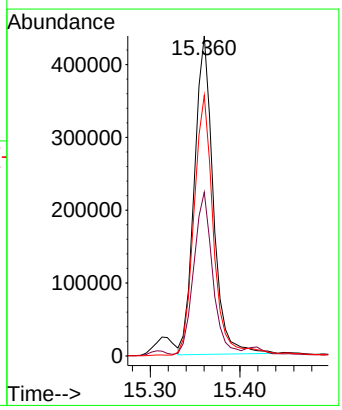


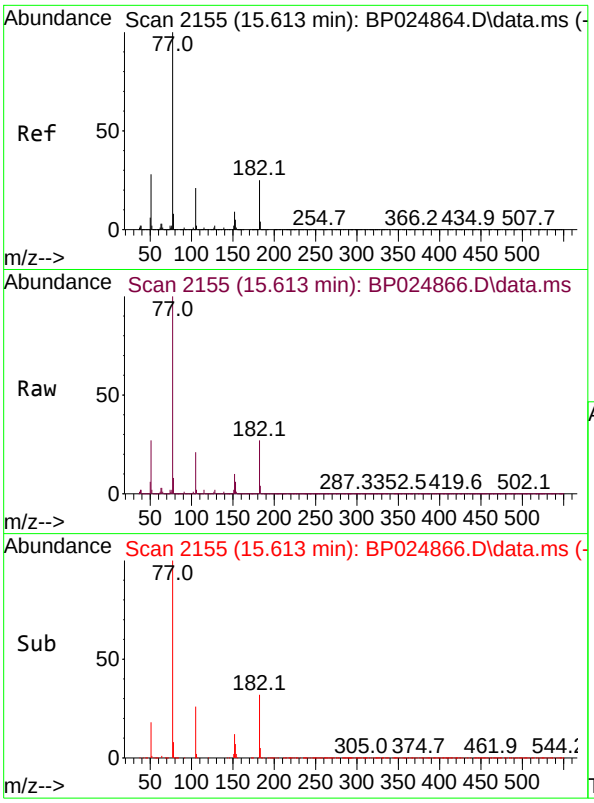


#62
4-Nitroaniline
Concen: 66.714 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:138 Resp: 639038

Ion	Ratio	Lower	Upper
138	100		
92	51.2	33.5	73.5
108	81.4	65.1	105.1



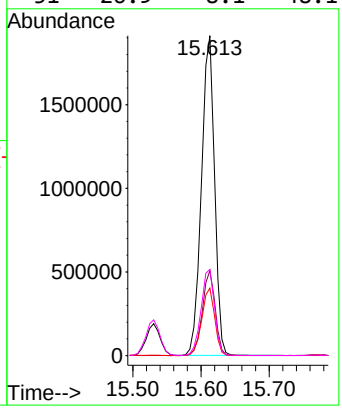


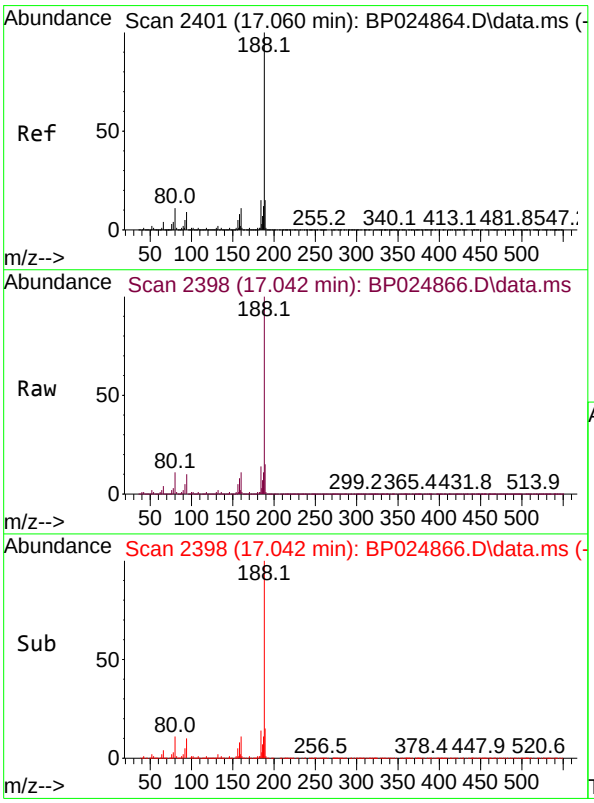
#63
Azobenzene
Concen: 59.380 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2561443

Ion	Ratio	Lower	Upper
77	100		
182	26.6	5.4	45.4
105	21.1	0.8	40.8
51	26.9	8.1	48.1

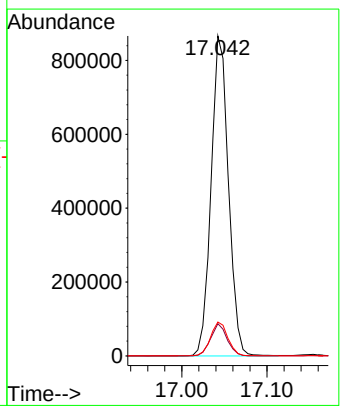


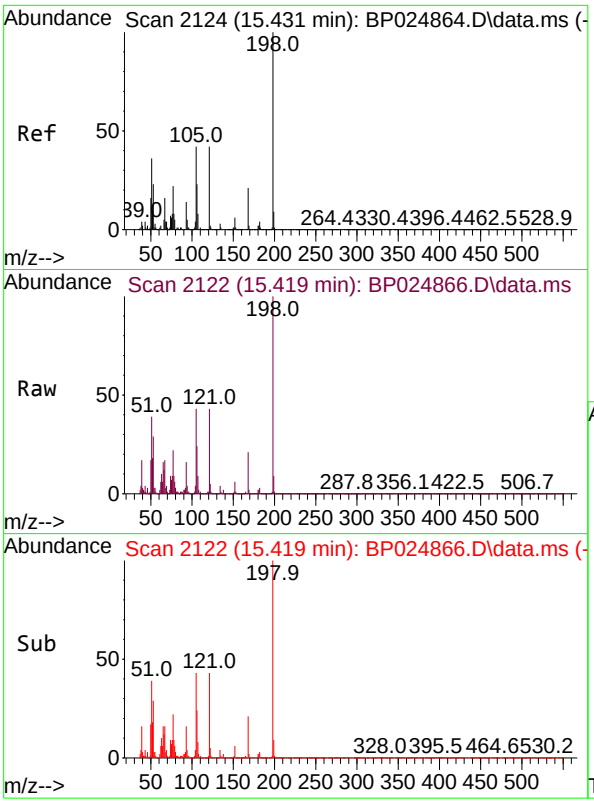


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:188 Resp: 1223735

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	10.6	8.5	12.7



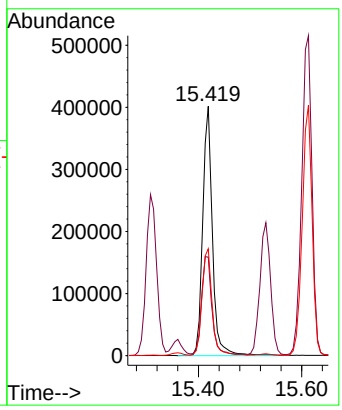


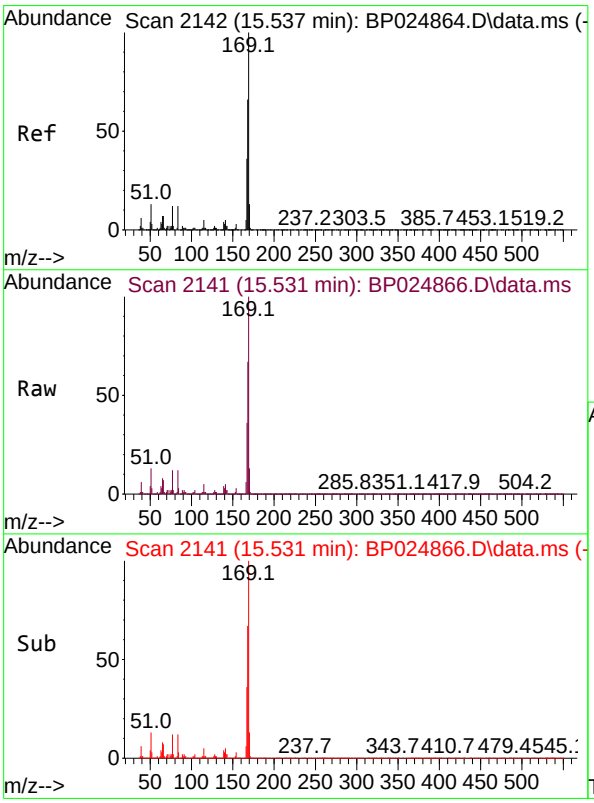
#65
4,6-Dinitro-2-methylphenol
Concen: 65.178 ng
RT: 15.419 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 524098

Ion	Ratio	Lower	Upper
198	100		
51	39.5	19.2	59.2
105	42.8	22.6	62.6

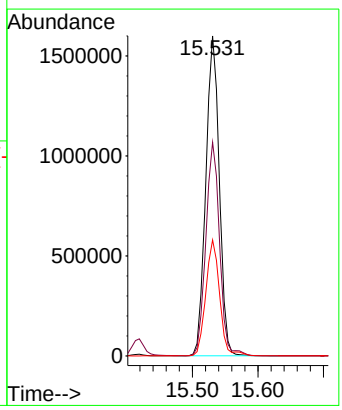


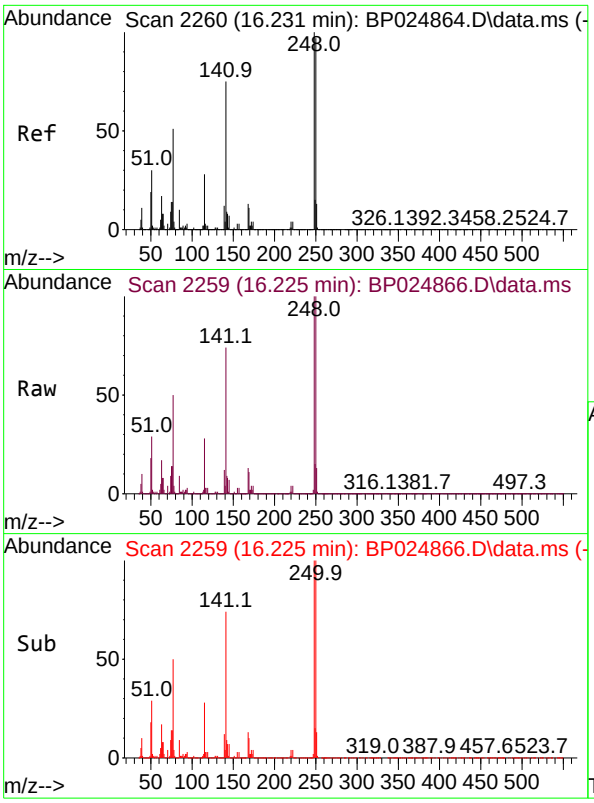


#66
n-Nitrosodiphenylamine
Concen: 60.188 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:169 Resp: 2282932

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.6
167	36.2	28.6	43.0



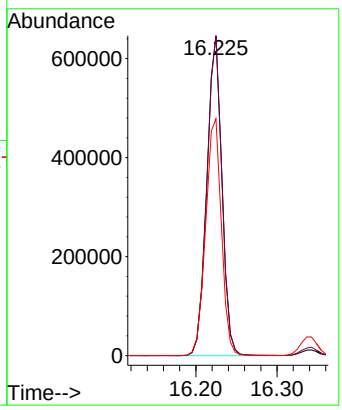


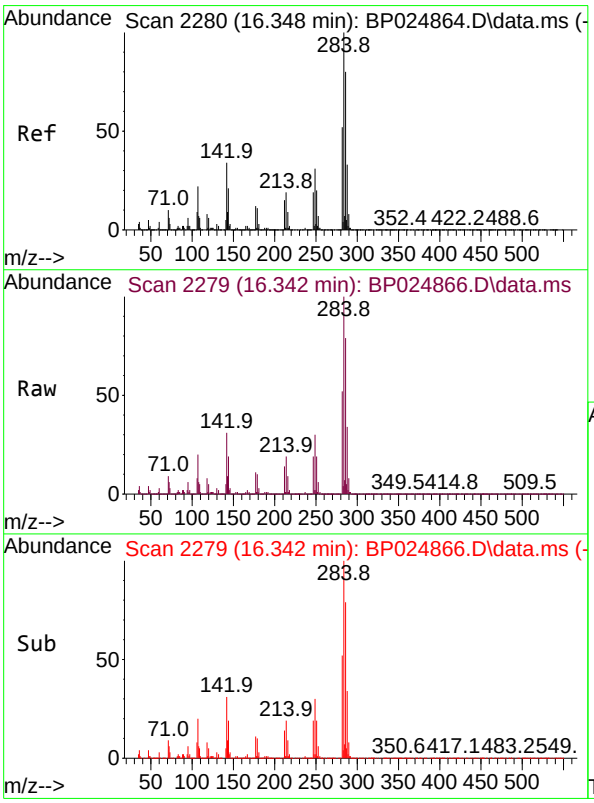
#67
4-Bromophenyl-phenylether
Concen: 60.812 ng
RT: 16.225 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 839674

Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.4	116.2
141	74.1	59.9	89.9

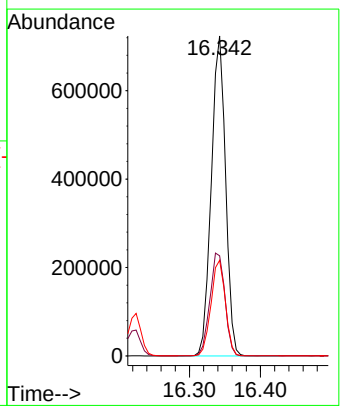


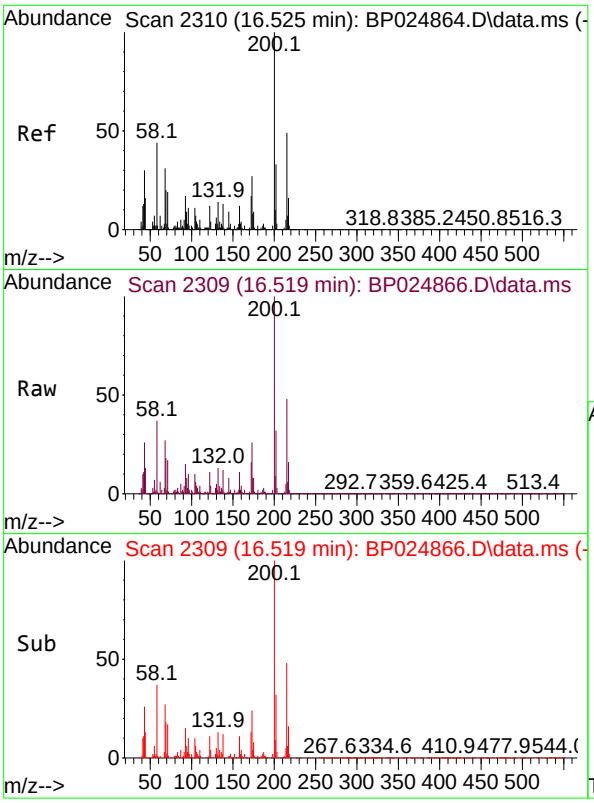


#68
Hexachlorobenzene
Concen: 60.238 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:284 Resp: 1008320

Ion	Ratio	Lower	Upper
284	100		
142	31.3	27.0	40.6
249	29.9	25.0	37.6



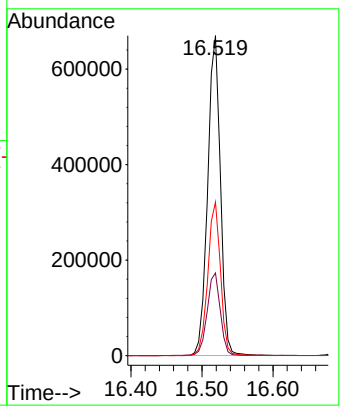


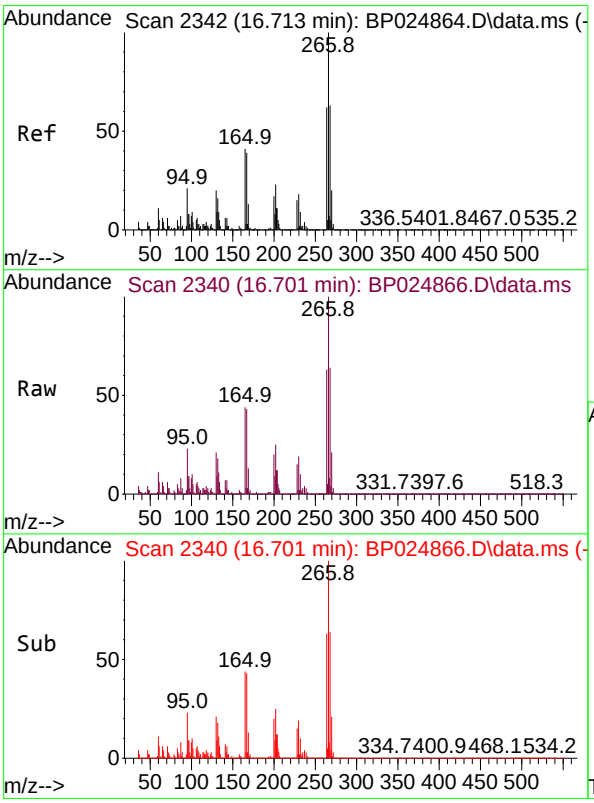
#69
Atrazine
Concen: 60.814 ng
RT: 16.519 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 836217

Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.9	46.9
215	48.0	28.7	68.7

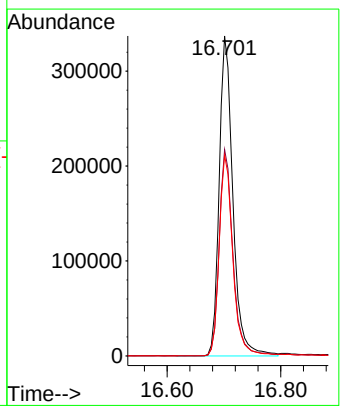


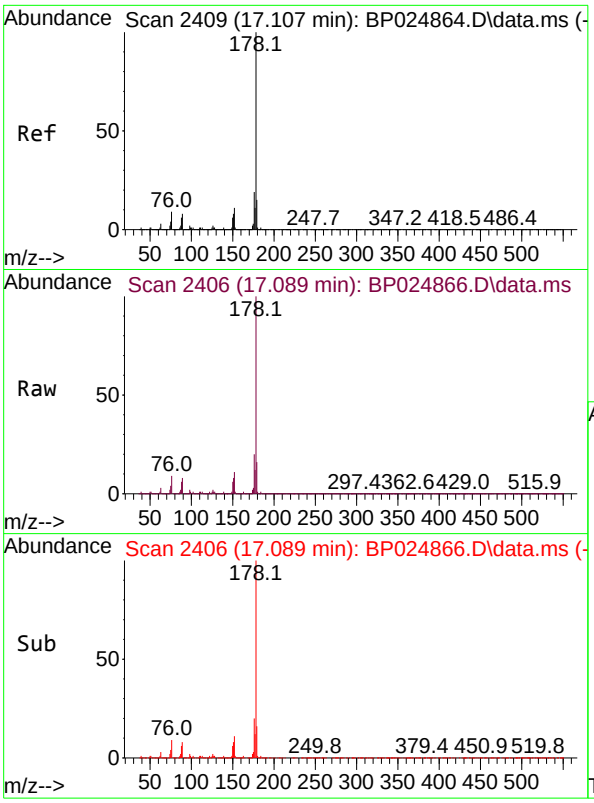


#70
Pentachlorophenol
Concen: 64.826 ng
RT: 16.701 min Scan# 2340
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:266 Resp: 561603

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.6	76.0
264	62.7	49.7	74.5



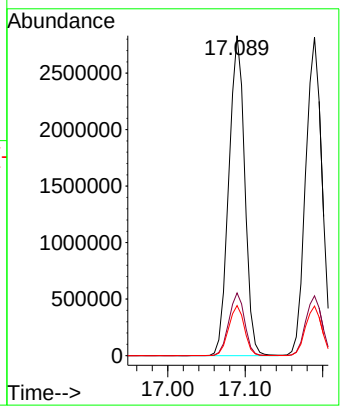


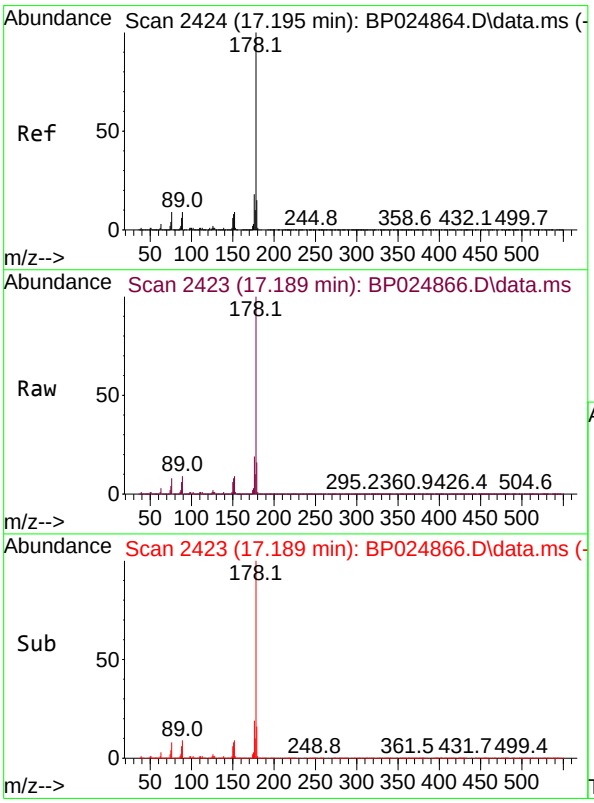
#71
Phenanthrene
Concen: 59.844 ng
RT: 17.089 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4046968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.1	18.1

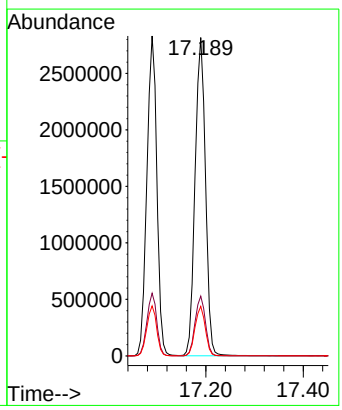


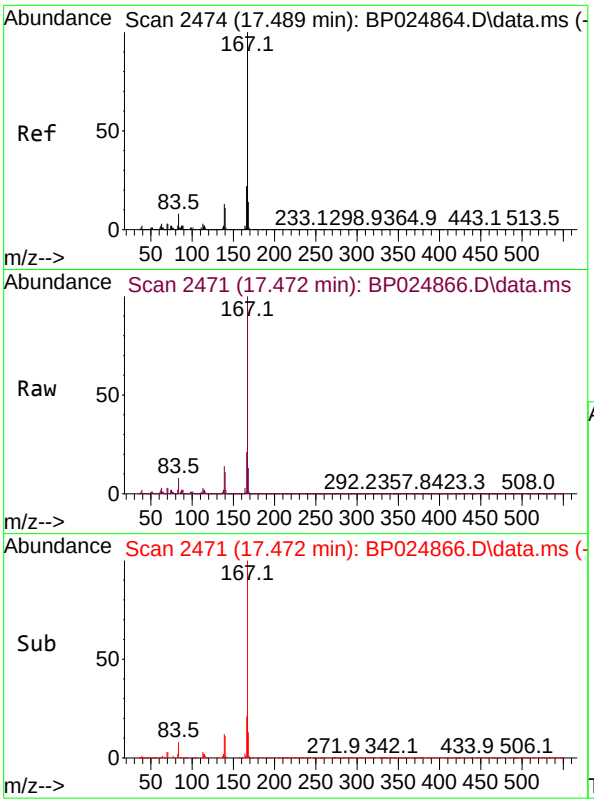


#72
Anthracene
Concen: 60.751 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:178 Resp: 4160775

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.6	12.3	18.5



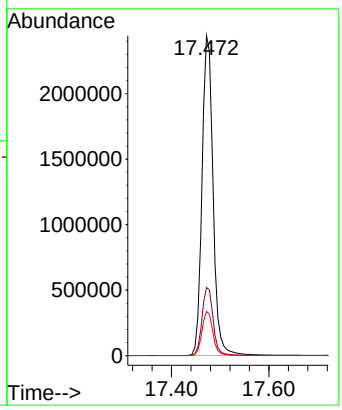


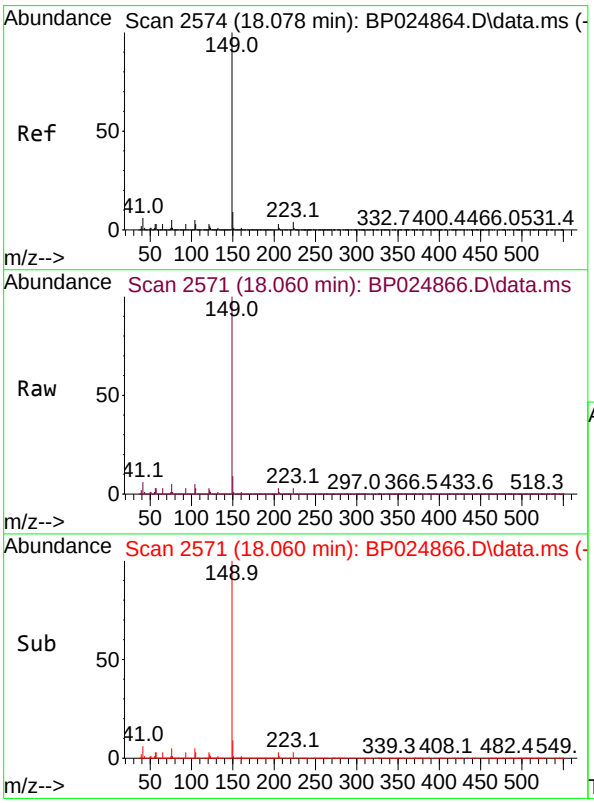
#73
Carbazole
Concen: 60.827 ng
RT: 17.472 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3861413

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	13.8	10.8	16.2

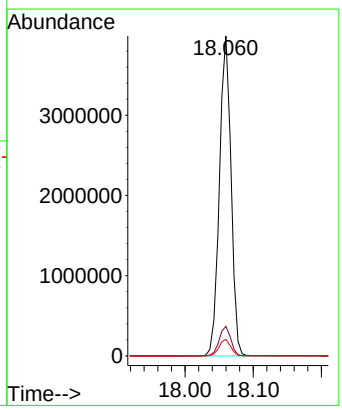


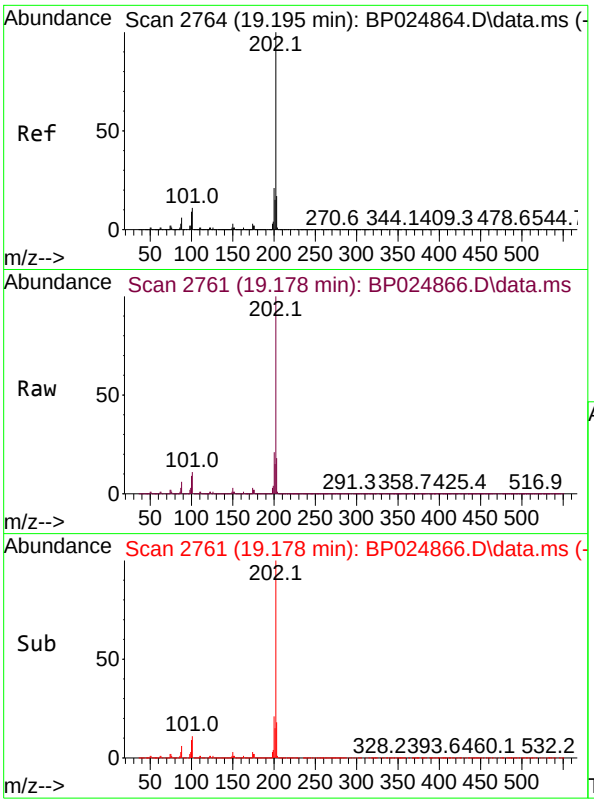


#74
Di-n-butylphthalate
Concen: 59.401 ng
RT: 18.060 min Scan# 2571
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 4672145

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.2	6.2



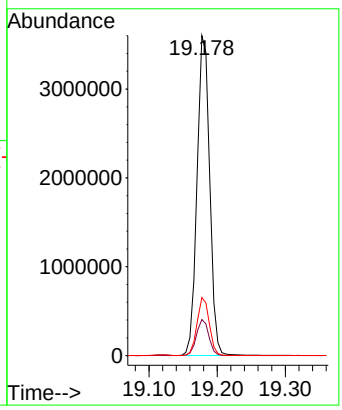


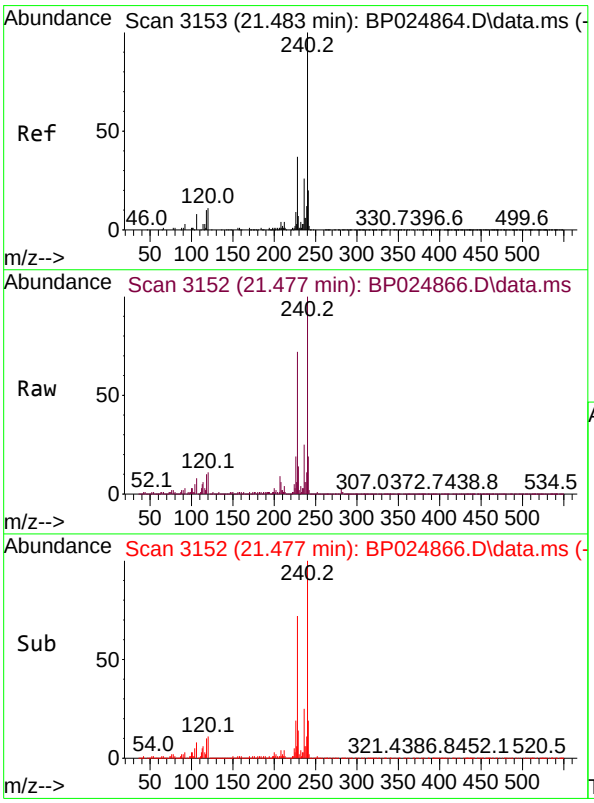
#75
Fluoranthene
Concen: 59.407 ng
RT: 19.178 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4656349

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	18.1	0.0	37.5

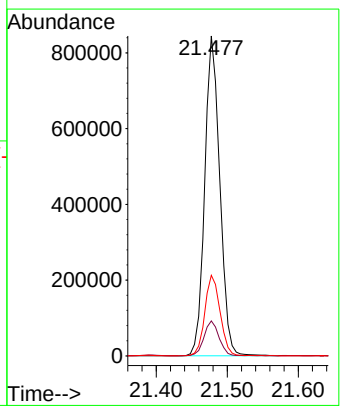


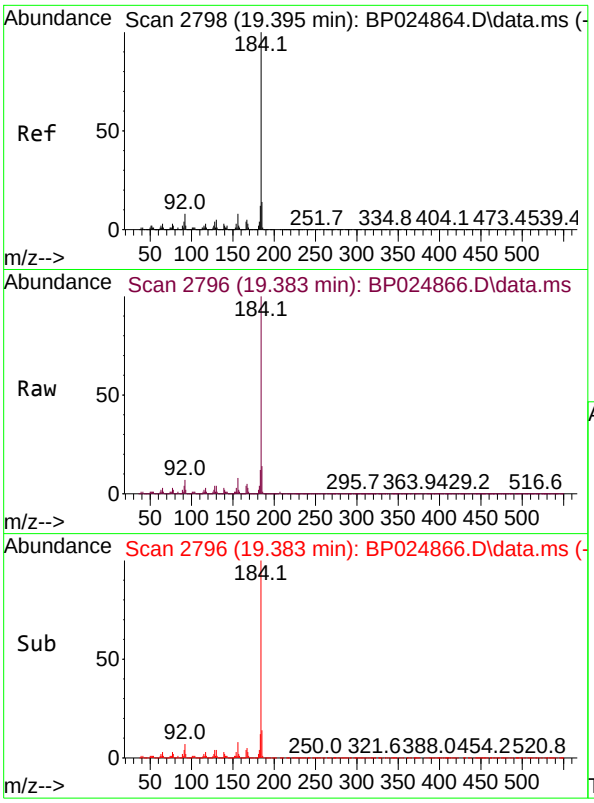


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:240 Resp: 1245531

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.2	20.9	31.3



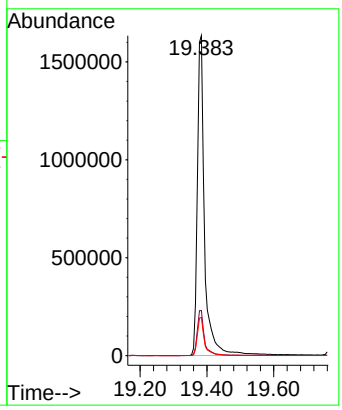


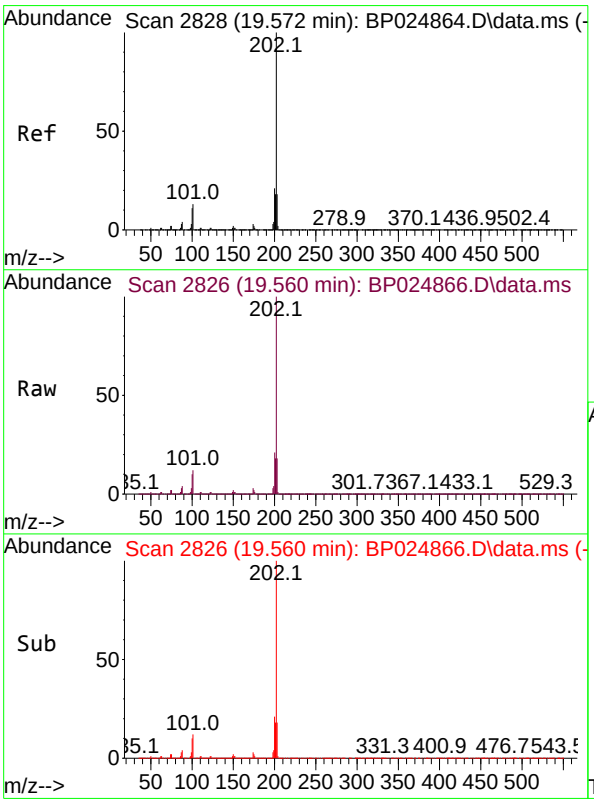
#77
Benzidine
Concen: 64.227 ng
RT: 19.383 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2477600

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.9	9.5	14.3

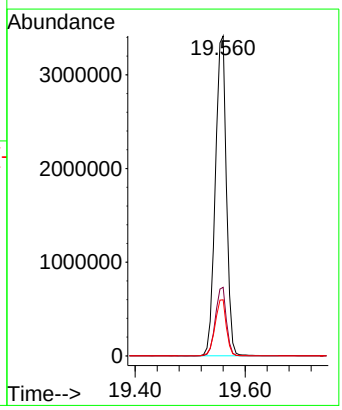


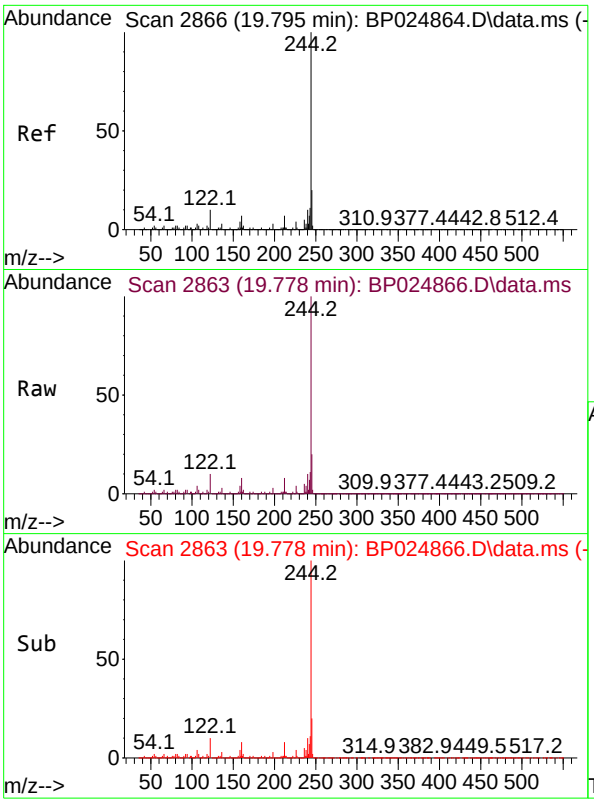


#78
Pyrene
Concen: 61.064 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:202 Resp: 4751590

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.5	14.0	21.0



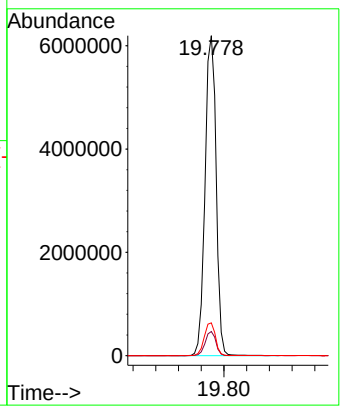


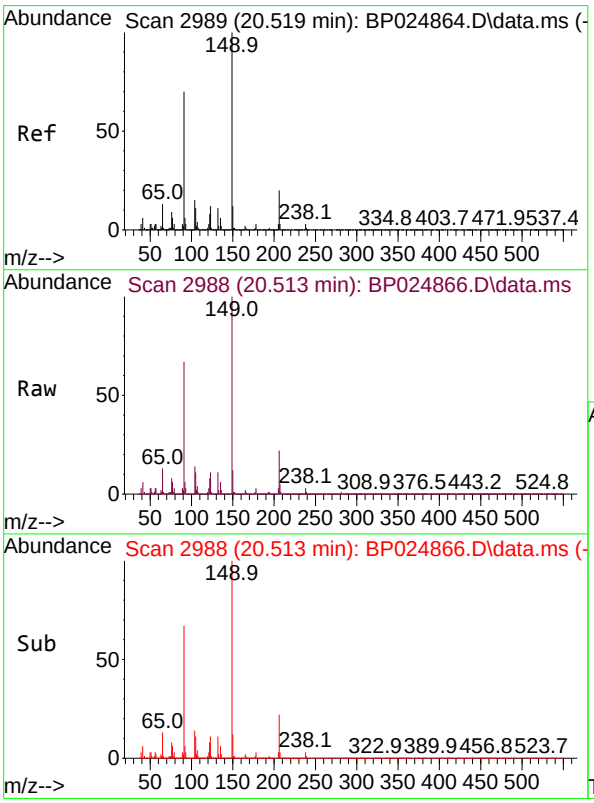
#79
Terphenyl-d14
Concen: 120.485 ng
RT: 19.778 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 8373144

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.2	7.7	11.5

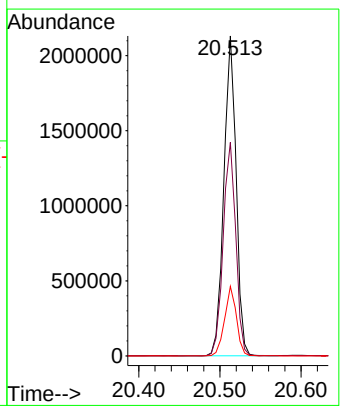


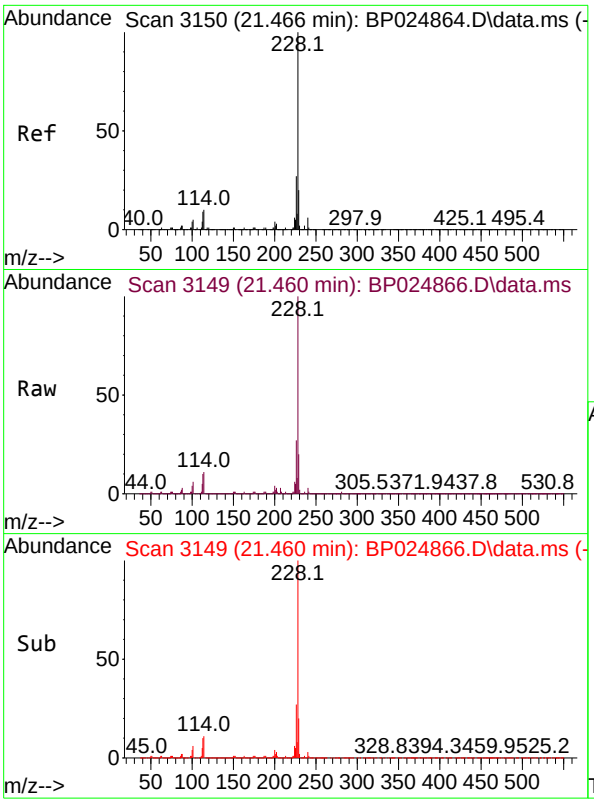


#80
Butylbenzylphthalate
Concen: 62.449 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 2225855

Ion	Ratio	Lower	Upper
149	100		
91	66.7	55.8	83.8
206	21.7	16.2	24.2



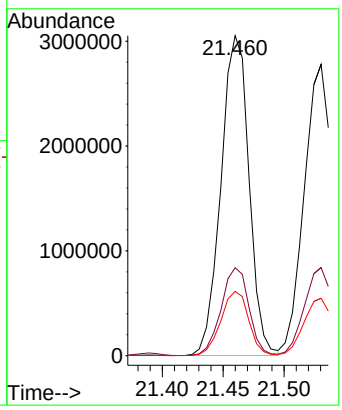


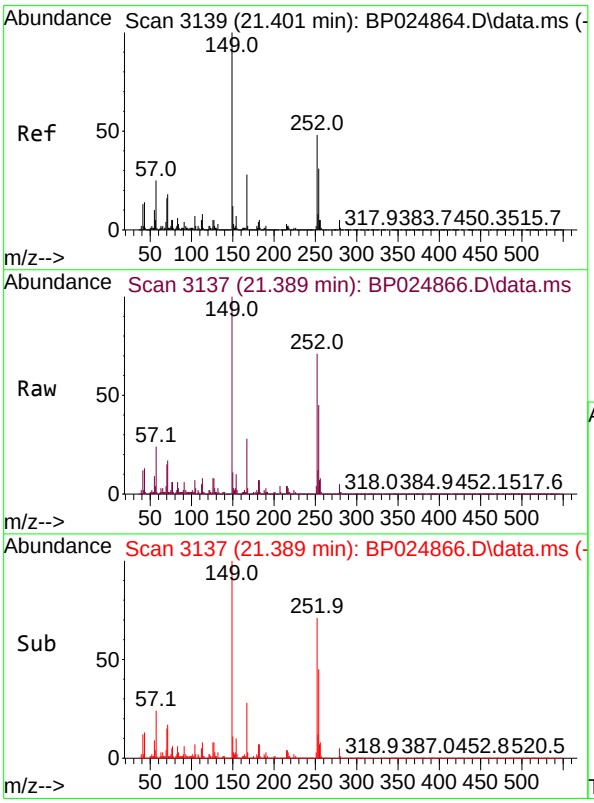
#81
Benzo(a)anthracene
Concen: 61.469 ng
RT: 21.460 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4896757

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.1	15.9	23.9

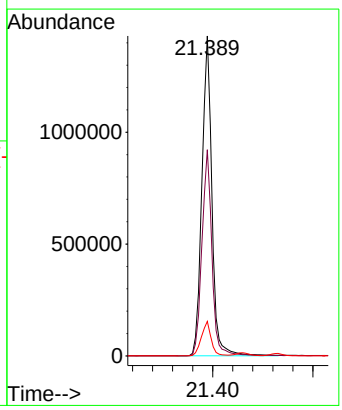


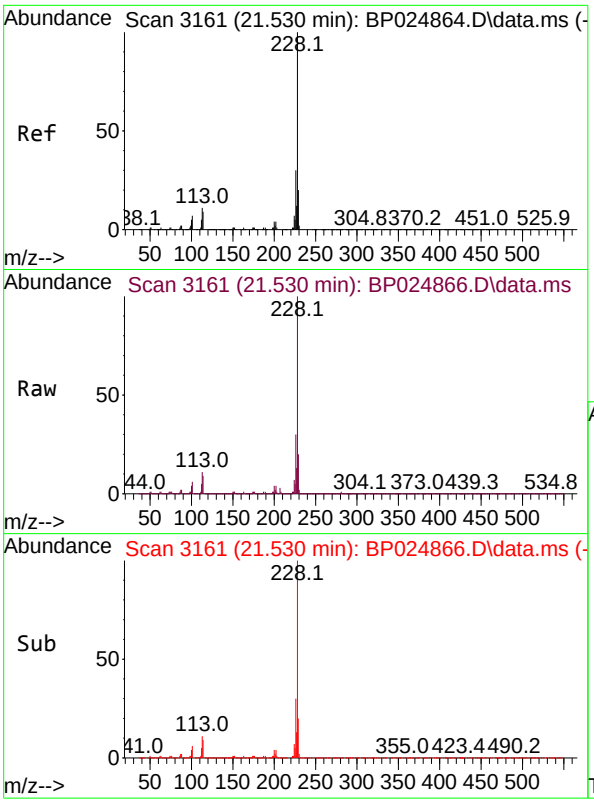


#82
3,3'-Dichlorobenzidine
Concen: 62.681 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 1982344

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.2	76.8
126	10.8	8.6	12.8



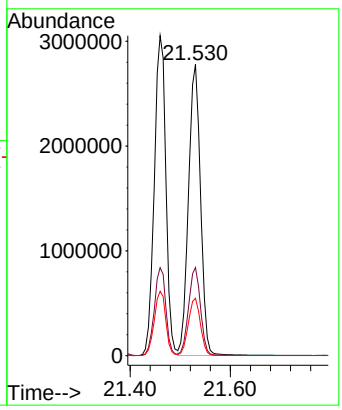


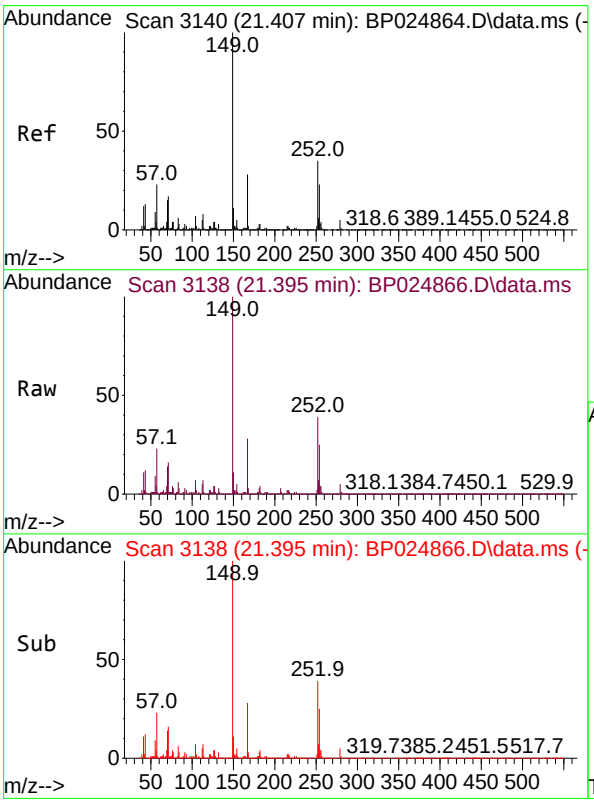
#83
Chrysene
Concen: 61.276 ng
RT: 21.530 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4625245

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.7	15.6	23.4

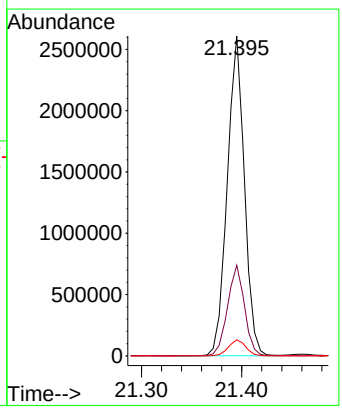


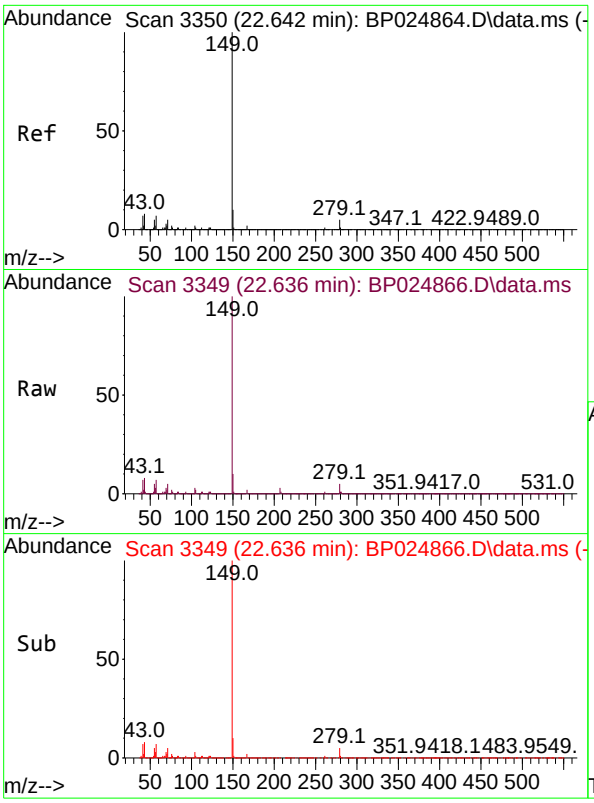


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.769 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 3103331

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	5.0	4.0	6.0



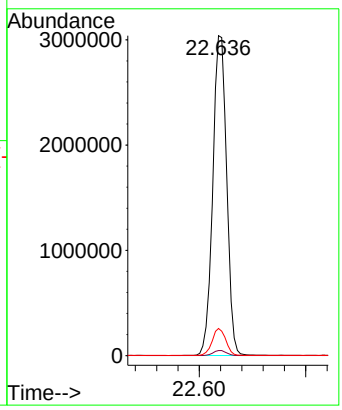


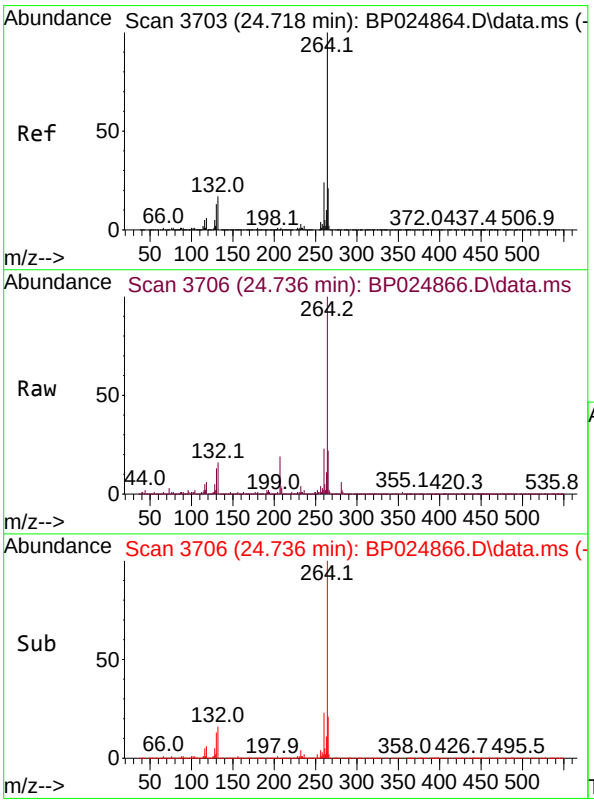
#85
Di-n-octyl phthalate
Concen: 61.004 ng
RT: 22.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 5491065

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.3	6.6	10.0

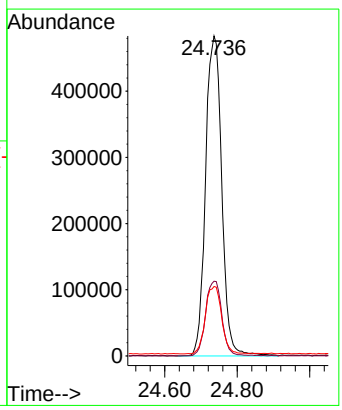


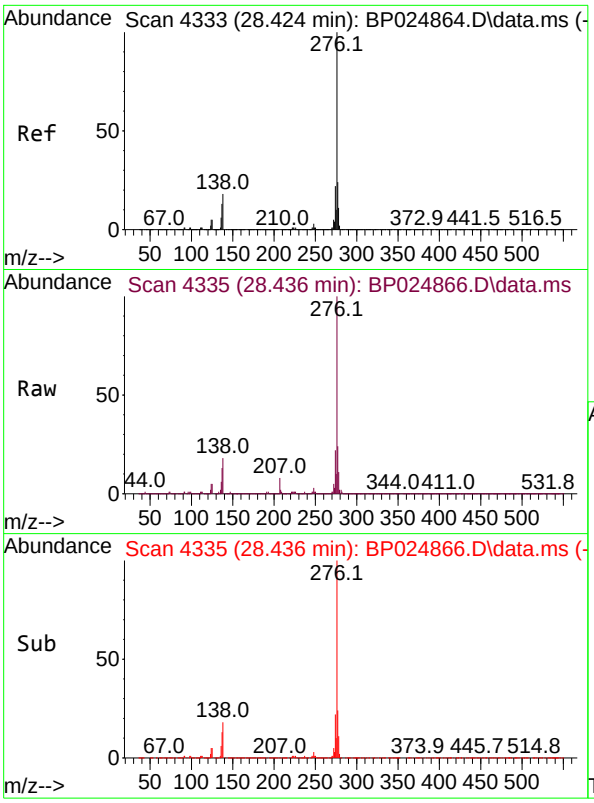


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:264 Resp: 1494809

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.7	17.4	26.0



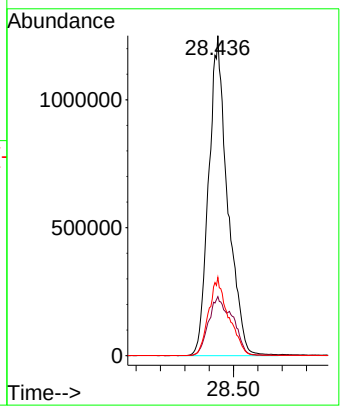


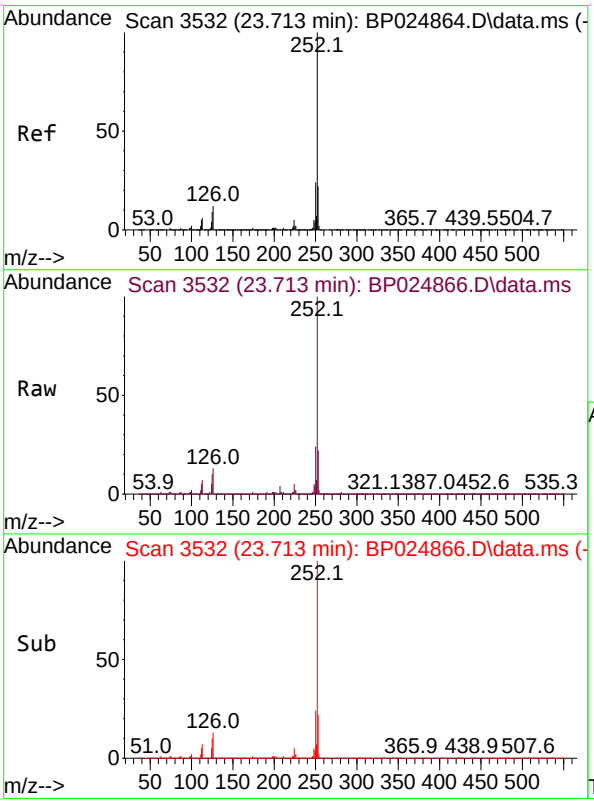
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.088 ng
RT: 28.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 6771619

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	25.5	20.2	30.4

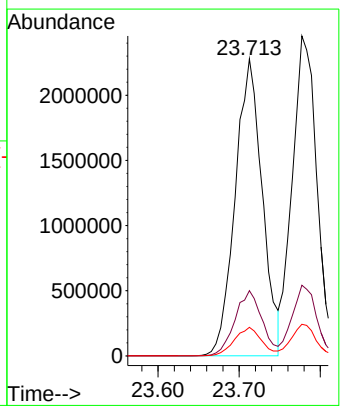


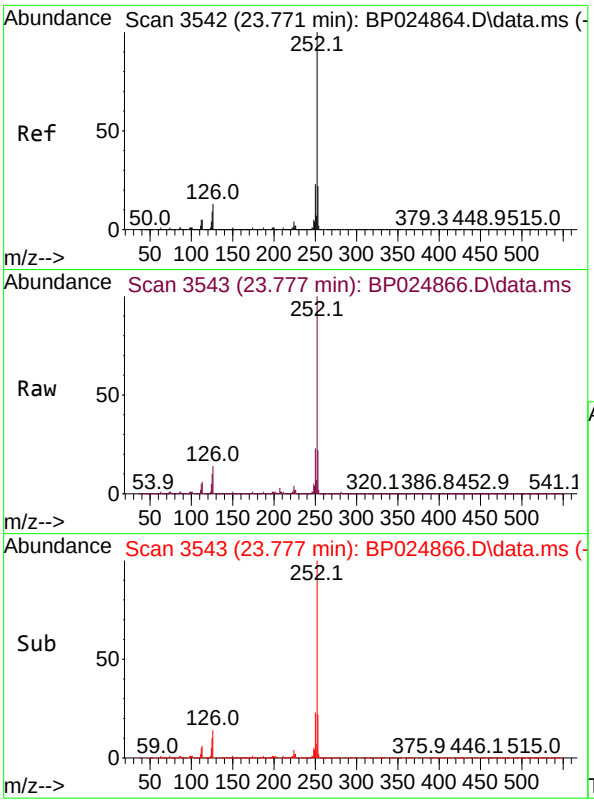


#88
Benzo(b)fluoranthene
Concen: 61.842 ng
RT: 23.713 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 5290333

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.6	7.1	10.7



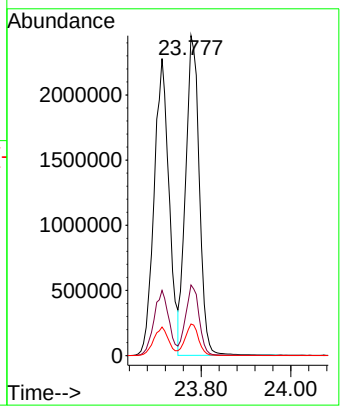


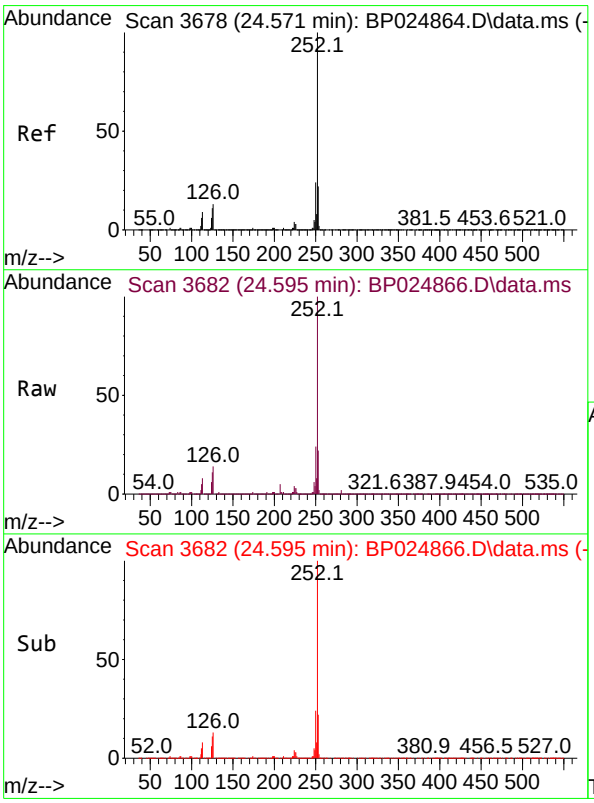
#89
Benzo(k)fluoranthene
Concen: 59.612 ng
RT: 23.777 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 5191049

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	7.4	11.0

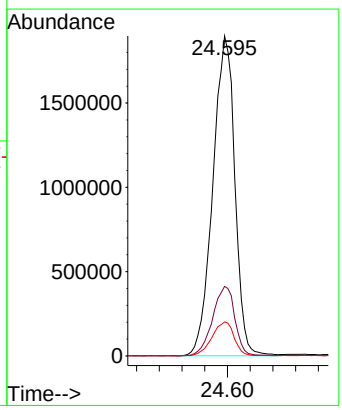


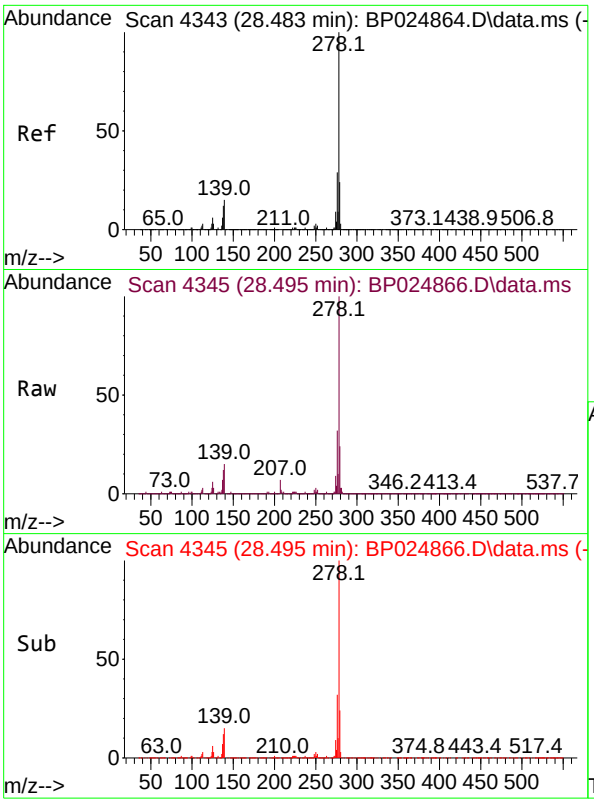


#90
Benzo(a)pyrene
Concen: 60.965 ng
RT: 24.595 min Scan# 3682
Delta R.T. 0.024 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 5093340

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.6	8.8	13.2



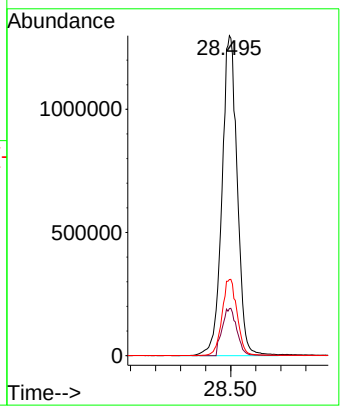


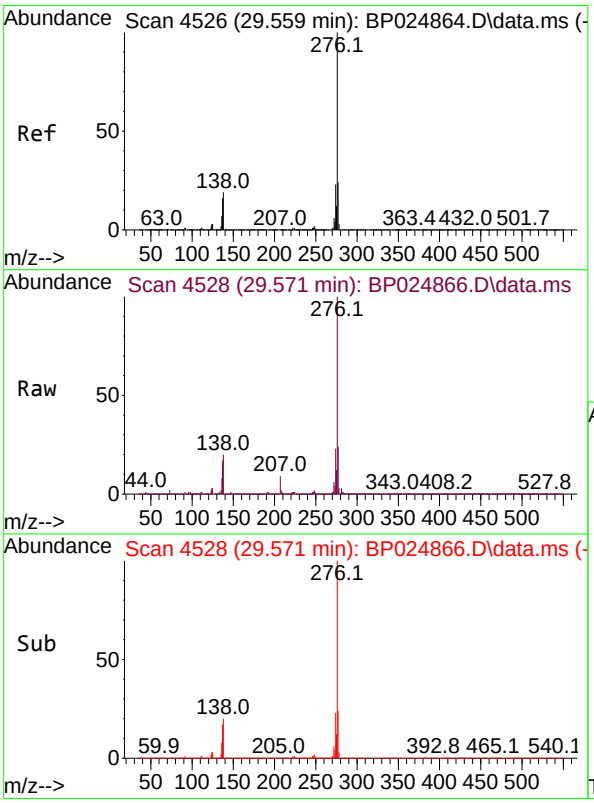
#91
Dibenzo(a,h)anthracene
Concen: 61.830 ng
RT: 28.495 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 5489005

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.0	18.0
279	23.8	19.1	28.7

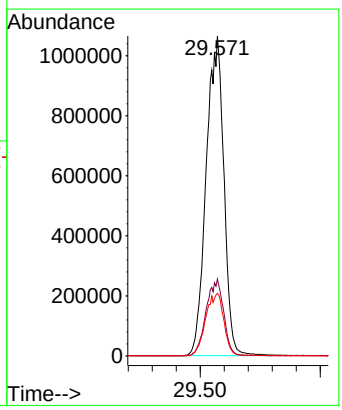




#92
Benzo(g,h,i)perylene
Concen: 61.794 ng
RT: 29.571 min Scan# 4528
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:276 Resp: 5442983

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.6	15.4	23.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024867.D
Acq On : 06 Jun 2025 15:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jun 06 16:05:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.614	152	251656	20.000	ng		0.00
21) Naphthalene-d8	10.384	136	1097725	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	655445	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1282325	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1346775	20.000	ng		0.00
86) Perylene-d12	24.742	264	1568664	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	2447087	162.312	ng		0.00
7) Phenol-d6	6.819	99	3149578	157.892	ng		0.00
23) Nitrobenzene-d5	8.766	82	3363733	148.903	ng		0.00
42) 2,4,6-Tribromophenol	15.778	330	1494447	164.916	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	7387084	151.825	ng		0.00
79) Terphenyl-d14	19.789	244	11194678	148.975	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	520741	78.498	ng		100
3) Pyridine	3.567	79	1323253	82.944	ng		99
4) n-Nitrosodimethylamine	3.484	42	528461	81.024	ng		100
6) Aniline	6.961	93	2044864	80.328	ng		100
8) 2-Chlorophenol	7.196	128	1357118	79.405	ng		99
9) Benzaldehyde	6.772	77	650456	56.412	ng		99
10) Phenol	6.843	94	1640201	79.761	ng		99
11) bis(2-Chloroethyl)ether	7.049	93	1254500	77.563	ng		99
12) 1,3-Dichlorobenzene	7.502	146	1480514	77.650	ng		99
13) 1,4-Dichlorobenzene	7.649	146	1497910	77.862	ng		98
14) 1,2-Dichlorobenzene	7.961	146	1431405	75.771	ng		98
15) Benzyl Alcohol	7.866	79	1218925	79.620	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.143	45	1584064	74.829	ng		98
17) 2-Methylphenol	8.072	107	1128854	78.611	ng		99
18) Hexachloroethane	8.672	117	566168	78.169	ng		97
19) n-Nitroso-di-n-propyla...	8.419	70	1035677	76.374	ng		99
20) 3+4-Methylphenols	8.402	107	1524653	77.821	ng		99
22) Acetophenone	8.431	105	2033065	73.305	ng	#	99
24) Nitrobenzene	8.808	77	1489831	74.236	ng		99
25) Isophorone	9.331	82	3090456	78.936	ng		98
26) 2-Nitrophenol	9.508	139	870704	87.932	ng		98
27) 2,4-Dimethylphenol	9.584	122	1396457	82.403	ng		98
28) bis(2-Chloroethoxy)met...	9.808	93	1828377	78.289	ng		98
29) 2,4-Dichlorophenol	10.055	162	1419757	87.313	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	1542041	84.080	ng		99
31) Naphthalene	10.431	128	4104122	72.957	ng		100
32) Benzoic acid	9.802	122	1065621	94.314	ng		97
33) 4-Chloroaniline	10.555	127	1816811	77.087	ng		100
34) Hexachlorobutadiene	10.713	225	830962	75.174	ng		99
35) Caprolactam	11.366	113	457044	76.358	ng		97
36) 4-Chloro-3-methylphenol	11.702	107	1442747	76.925	ng		99
37) 2-Methylnaphthalene	12.049	142	2642800	74.062	ng		99
38) 1-Methylnaphthalene	12.272	142	2821350	73.955	ng		99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1472269	79.160	ng		100
41) Hexachlorocyclopentadiene	12.396	237	1031961	90.970	ng		99
43) 2,4,6-Trichlorophenol	12.678	196	1039009	83.186	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024867.D
Acq On : 06 Jun 2025 15:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jun 06 16:05:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	1117015	83.507	ng		99
46) 1,1'-Biphenyl	13.072	154	3678354	77.223	ng		99
47) 2-Chloronaphthalene	13.119	162	2834595	77.428	ng		99
48) 2-Nitroaniline	13.337	65	930628	82.685	ng		96
49) Acenaphthylene	13.966	152	4731215	77.508	ng		100
50) Dimethylphthalate	13.719	163	3769405	77.959	ng		100
51) 2,6-Dinitrotoluene	13.837	165	829970	79.625	ng		95
52) Acenaphthene	14.319	154	2715693	77.638	ng		100
53) 3-Nitroaniline	14.178	138	914372	84.530	ng		98
54) 2,4-Dinitrophenol	14.390	184	537870	79.298	ng		99
55) Dibenzofuran	14.654	168	4234879	75.424	ng		99
56) 4-Nitrophenol	14.531	139	720226	78.739	ng		98
57) 2,4-Dinitrotoluene	14.643	165	1200593	82.341	ng		98
58) Fluorene	15.319	166	3484502	76.824	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	970694	81.077	ng		100
60) Diethylphthalate	15.095	149	3799279	78.844	ng		98
61) 4-Chlorophenyl-phenyle...	15.313	204	1725059	77.784	ng		97
62) 4-Nitroaniline	15.372	138	875375	89.199	ng		96
63) Azobenzene	15.613	77	3426736	77.538	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	728771	86.490	ng		96
66) n-Nitrosodiphenylamine	15.543	169	3044661	76.603	ng		98
67) 4-Bromophenyl-phenylether	16.231	248	1157878	80.026	ng		99
68) Hexachlorobenzene	16.348	284	1395074	79.535	ng		99
69) Atrazine	16.525	200	1168753	81.114	ng		98
70) Pentachlorophenol	16.707	266	817045	90.003	ng		99
71) Phenanthrene	17.095	178	5340604	75.365	ng		99
72) Anthracene	17.189	178	5555906	77.415	ng		99
73) Carbazole	17.478	167	5166153	77.661	ng		99
74) Di-n-butylphthalate	18.066	149	6583572	79.879	ng		99
75) Fluoranthene	19.189	202	6351620	77.333	ng		100
77) Benzidine	19.389	184	2849177	68.307	ng		100
78) Pyrene	19.572	202	6497989	77.229	ng		99
80) Butylbenzylphthalate	20.525	149	3175233	82.388	ng		98
81) Benzo(a)anthracene	21.466	228	6696396	77.741	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	2698352	78.907	ng		99
83) Chrysene	21.536	228	6294743	77.125	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	4578538	82.917	ng		98
85) Di-n-octyl phthalate	22.636	149	7936082	81.539	ng		100
87) Indeno(1,2,3-cd)pyrene	28.424	276	9013339	78.751	ng	#	93
88) Benzo(b)fluoranthene	23.713	252	7112180	79.224	ng		99
89) Benzo(k)fluoranthene	23.783	252	7179421	78.564	ng		100
90) Benzo(a)pyrene	24.595	252	6983429	79.653	ng		99
91) Dibenzo(a,h)anthracene	28.501	278	7356566	78.965	ng		100
92) Benzo(g,h,i)perylene	29.554	276	7260298	78.545	ng		98

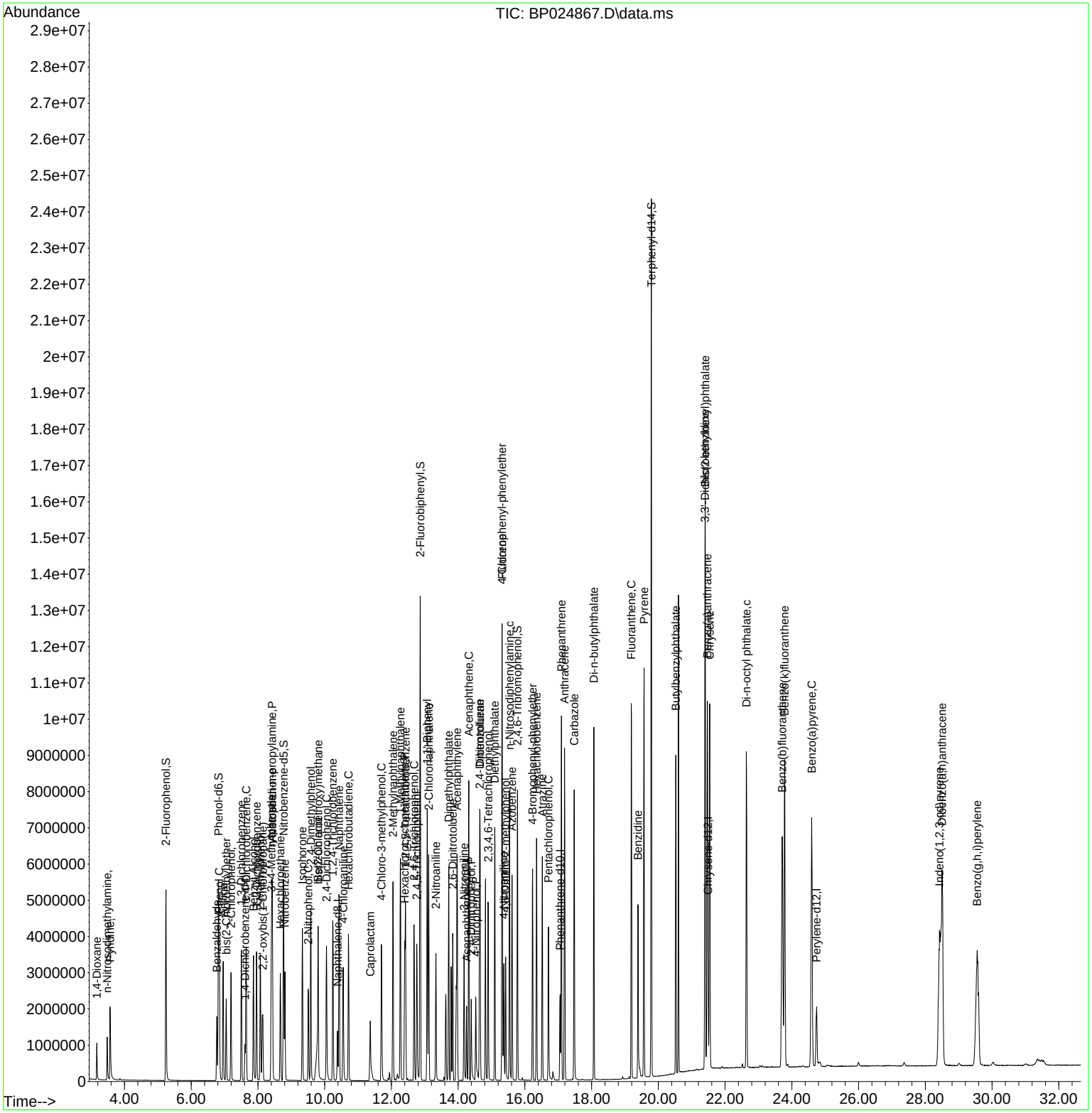
(#) = qualifier out of range (m) = manual integration (+) = signals summed

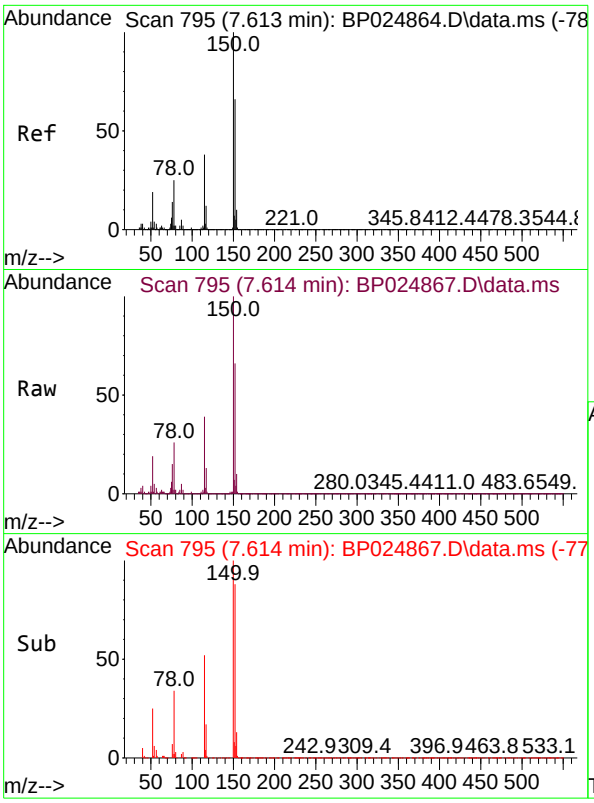
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024867.D
Acq On : 06 Jun 2025 15:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jun 06 16:05:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration



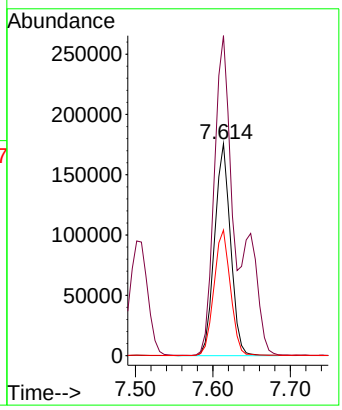


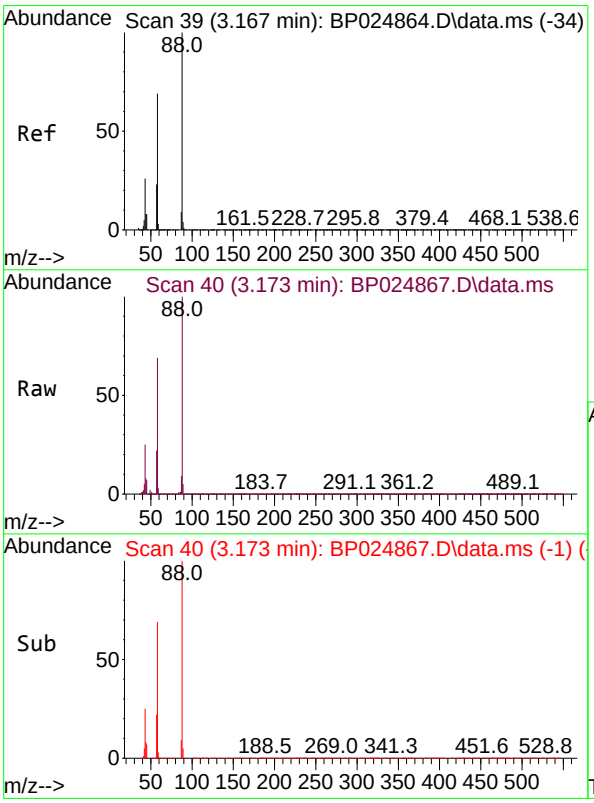
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.614 min Scan# 79
Delta R.T. 0.001 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 251656

Ion	Ratio	Lower	Upper
152	100		
150	151.0	122.1	183.1
115	59.2	46.4	69.6

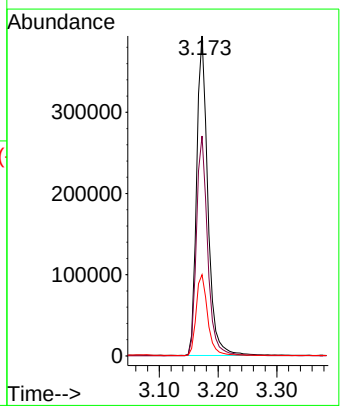


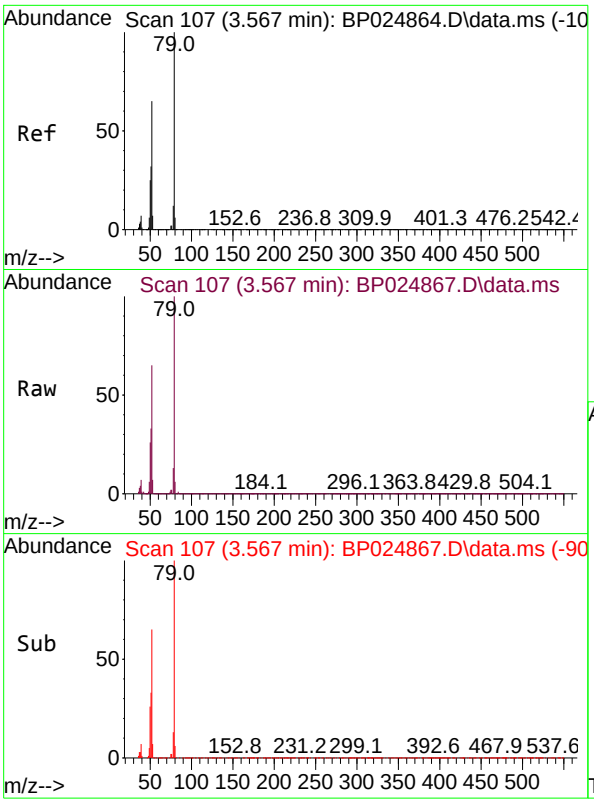


#2
1,4-Dioxane
Concen: 78.498 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 88 Resp: 520741

Ion	Ratio	Lower	Upper
88	100		
58	69.2	55.4	83.0
43	26.0	20.8	31.2



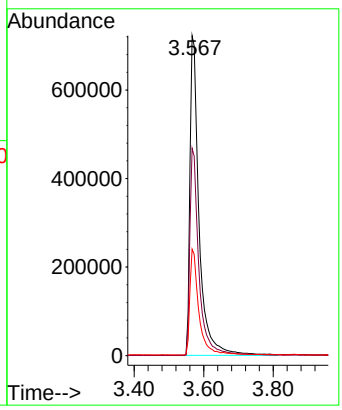


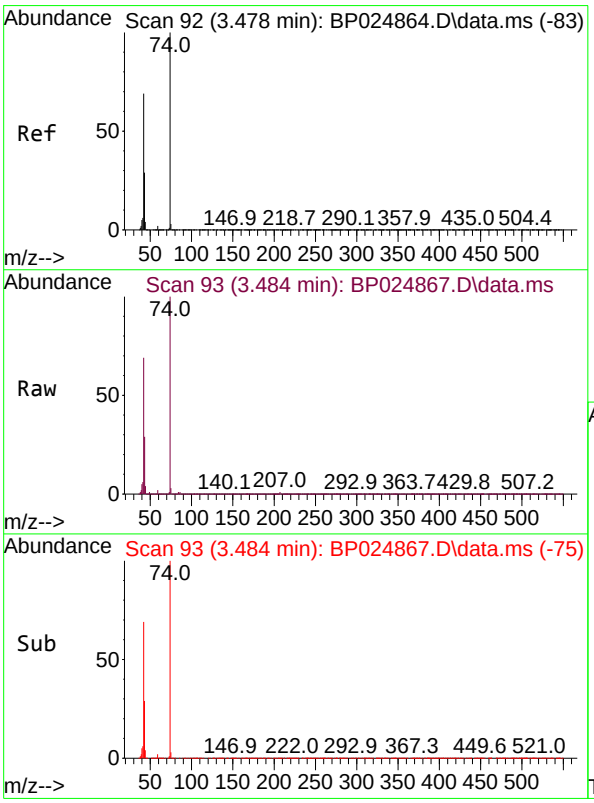
#3
Pyridine
Concen: 82.944 ng
RT: 3.567 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1323253

Ion	Ratio	Lower	Upper
79	100		
52	64.8	51.6	77.4
51	33.3	25.5	38.3

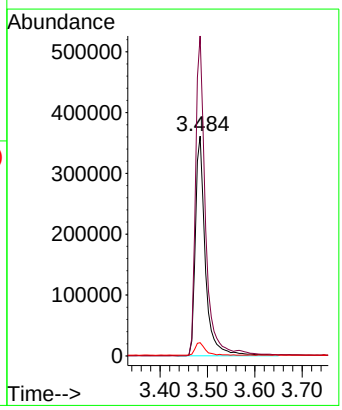


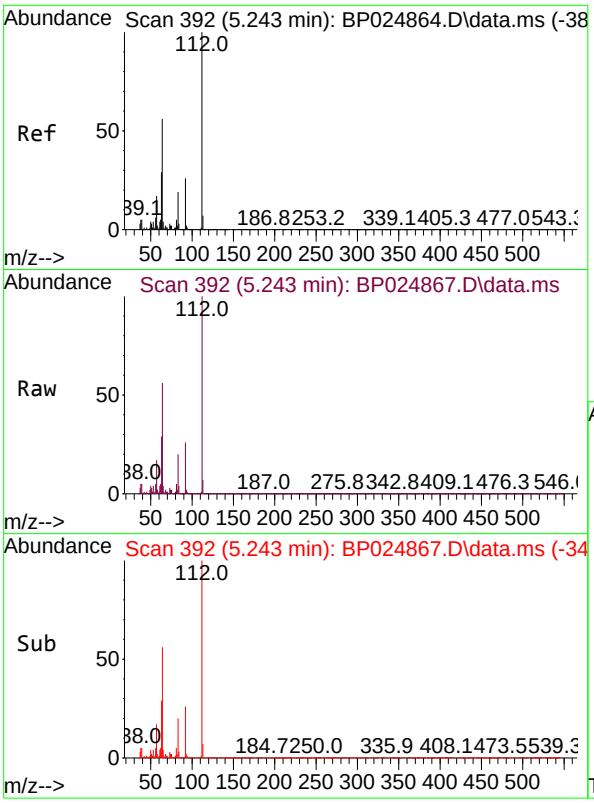


#4
n-Nitrosodimethylamine
Concen: 81.024 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 42 Resp: 528461

Ion	Ratio	Lower	Upper
42	100		
74	145.7	116.6	174.8
44	6.0	5.4	8.0



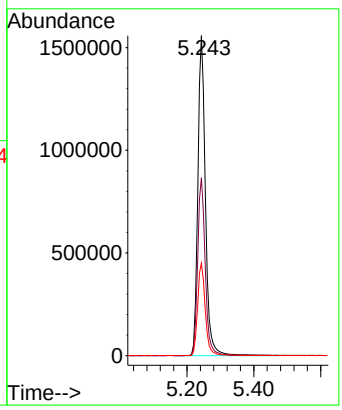


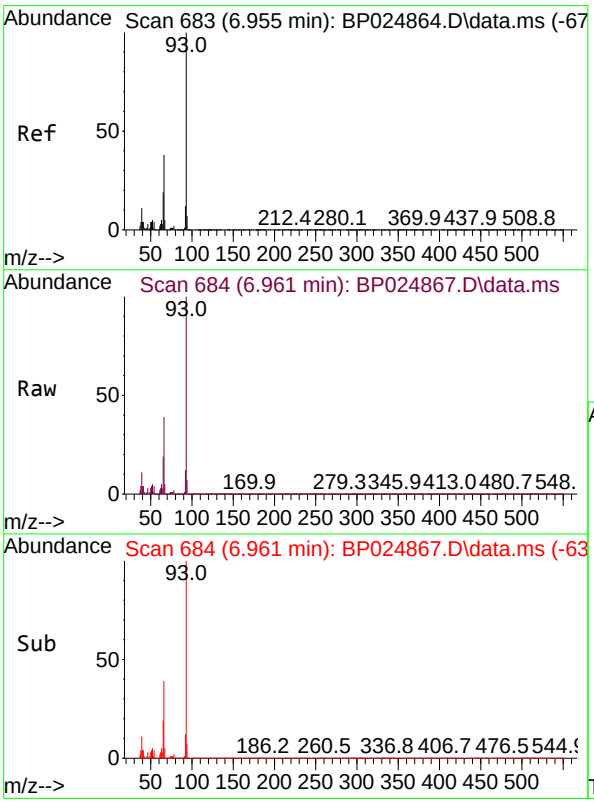
#5
2-Fluorophenol
Concen: 162.312 ng
RT: 5.243 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2447087

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.7	67.1
63	28.9	23.5	35.3

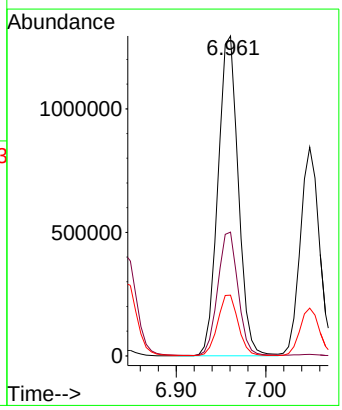


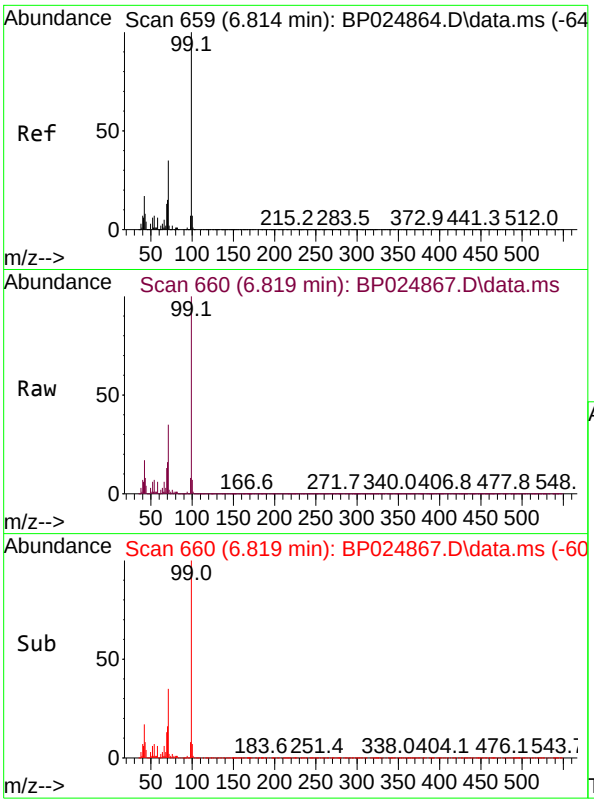


#6
Aniline
Concen: 80.328 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 93 Resp: 2044864

Ion	Ratio	Lower	Upper
93	100		
66	38.7	30.9	46.3
65	19.0	15.5	23.3



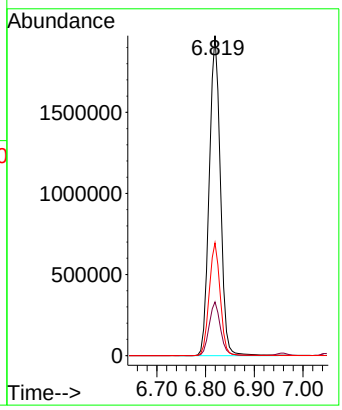


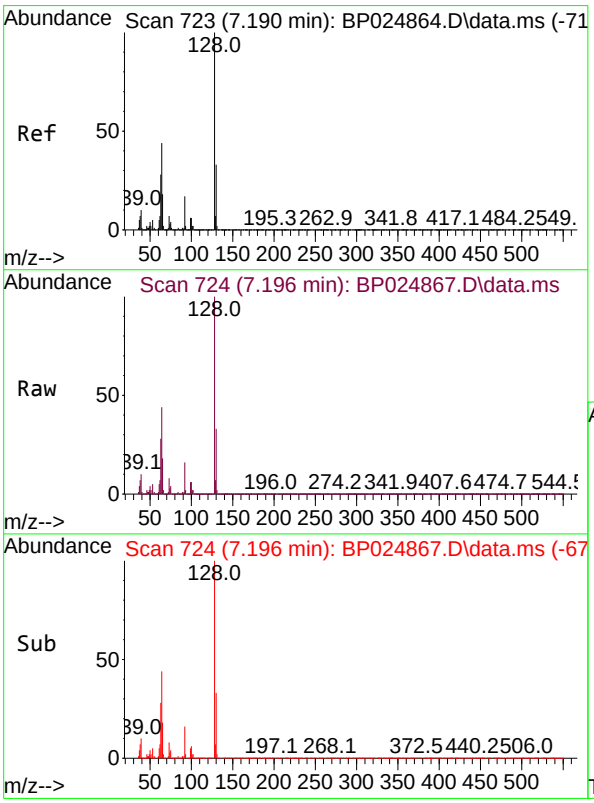
#7
Phenol-d6
Concen: 157.892 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 3149578

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	35.2	27.6	41.4

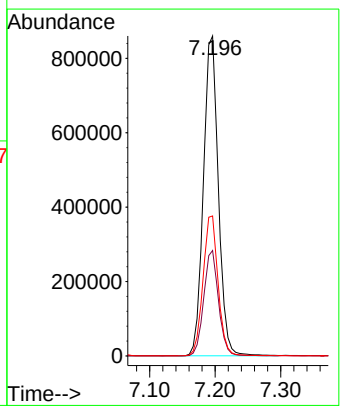


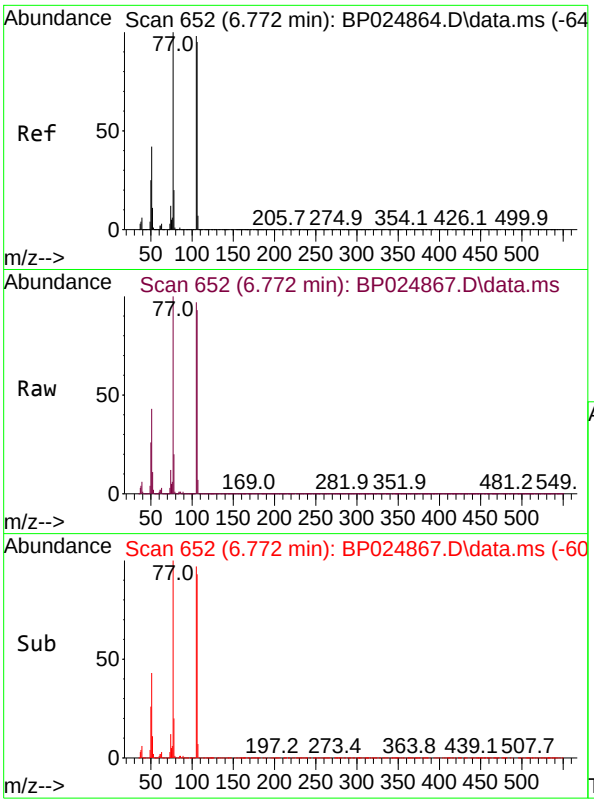


#8
2-Chlorophenol
Concen: 79.405 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:128 Resp: 1357118

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	43.7	24.1	64.1



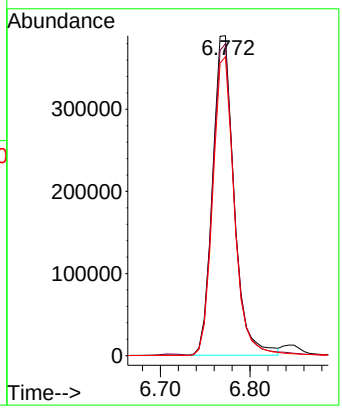


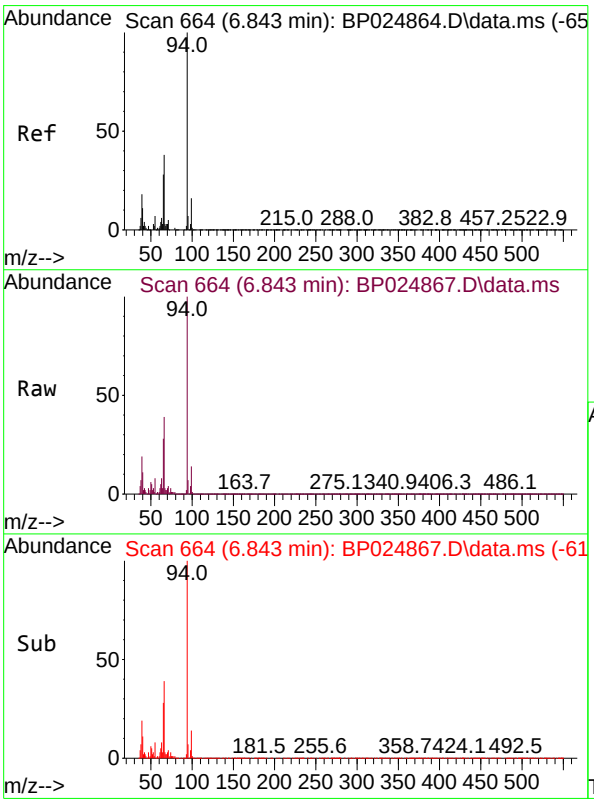
#9
Benzaldehyde
Concen: 56.412 ng
RT: 6.772 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 650456

Ion	Ratio	Lower	Upper
77	100		
105	97.4	77.7	117.7
106	93.4	74.8	114.8

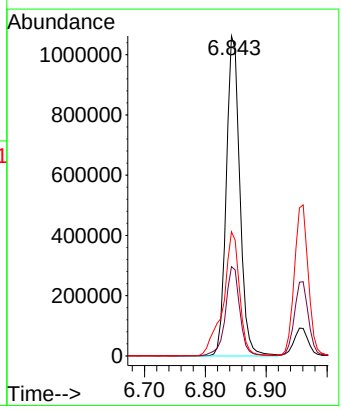


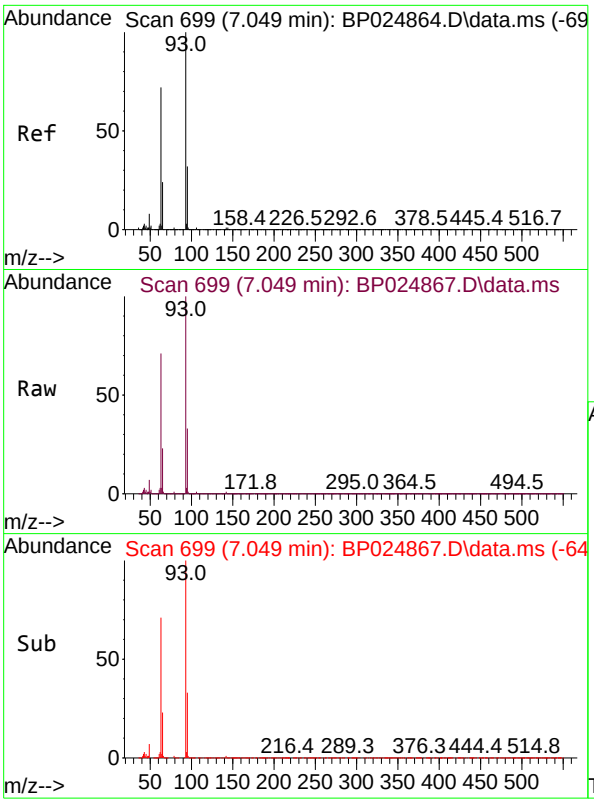


#10
Phenol
Concen: 79.761 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 94 Resp: 1640201

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.3	48.3
66	38.8	18.2	58.2



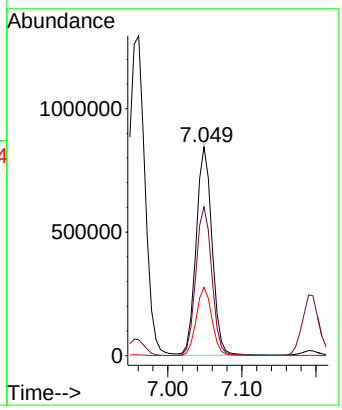


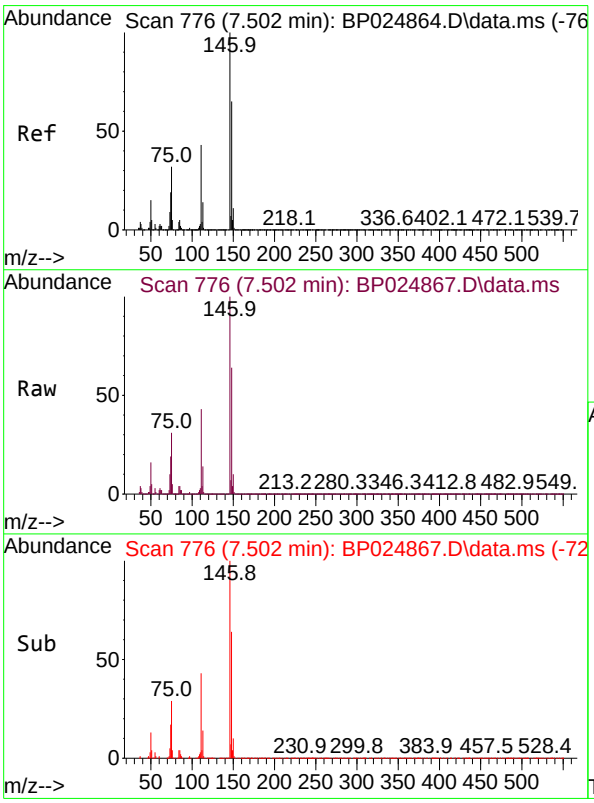
#11
bis(2-Chloroethyl)ether
Concen: 77.563 ng
RT: 7.049 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1254500

Ion	Ratio	Lower	Upper
93	100		
63	71.2	51.6	91.6
95	32.8	12.1	52.1

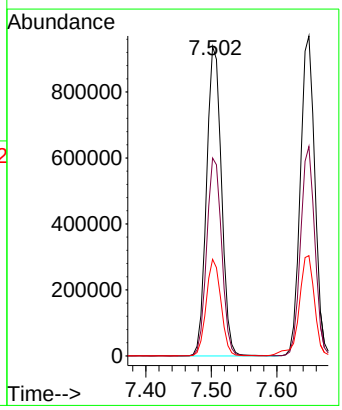


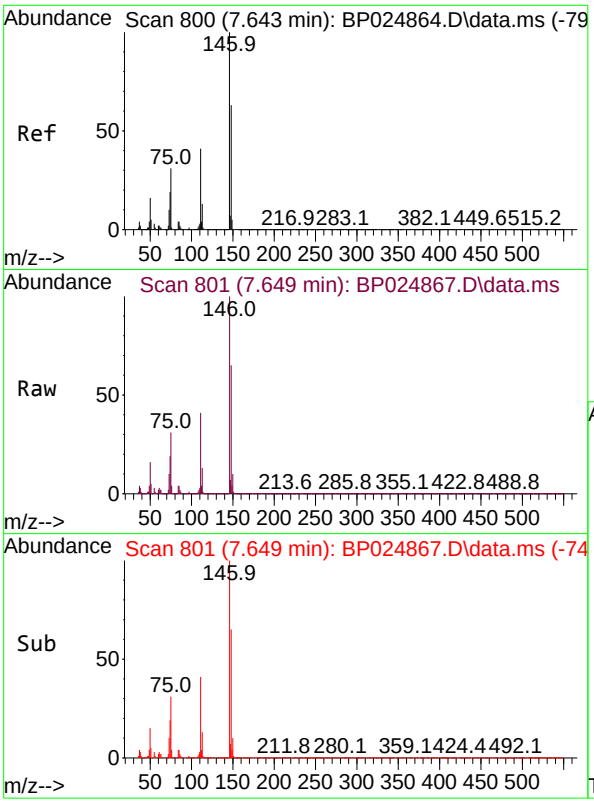


#12
1,3-Dichlorobenzene
Concen: 77.650 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:146 Resp: 1480514

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	31.2	25.3	37.9



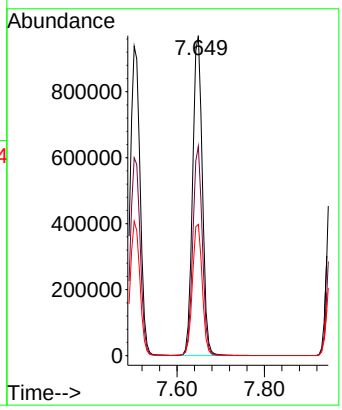


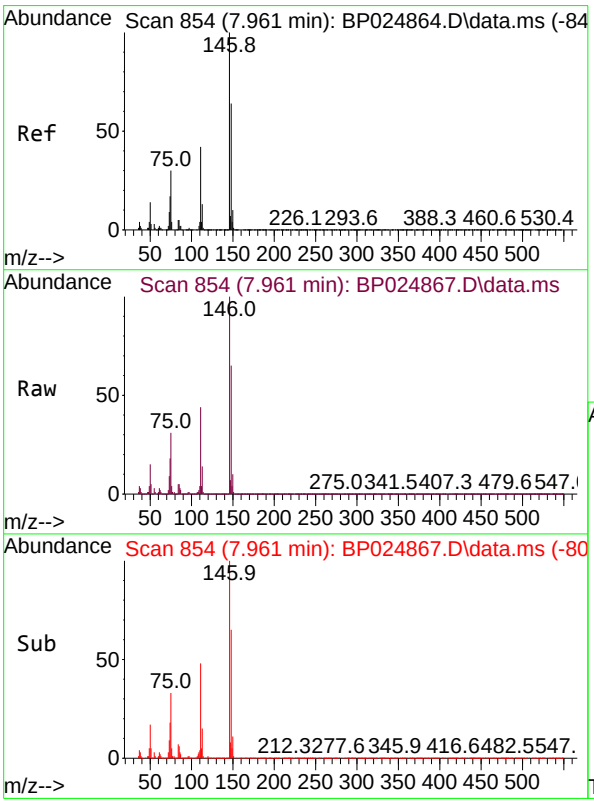
#13
1,4-Dichlorobenzene
Concen: 77.862 ng
RT: 7.649 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1497910

Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	41.0	32.7	49.1

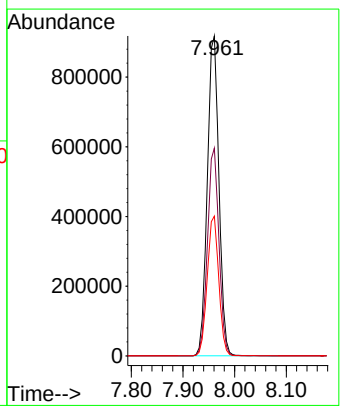


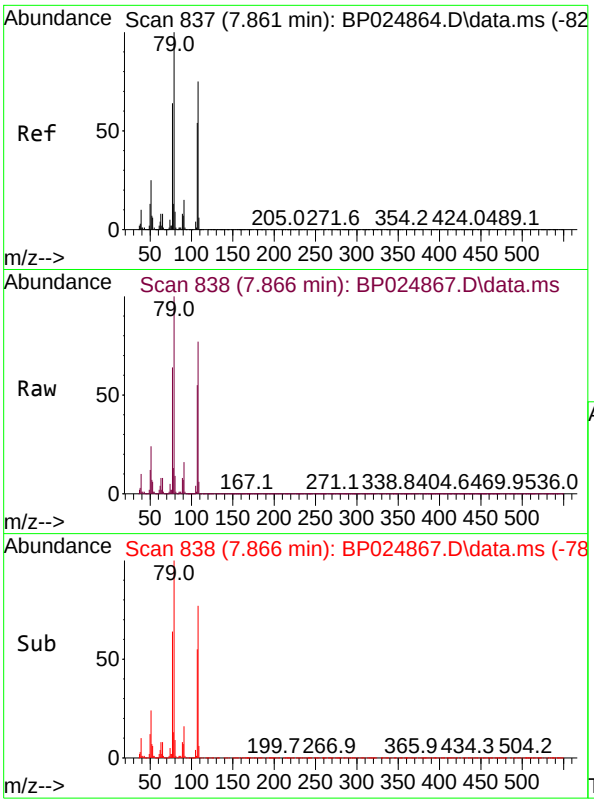


#14
1,2-Dichlorobenzene
Concen: 75.771 ng
RT: 7.961 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:146 Resp: 1431405

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.4
111	43.7	33.8	50.8



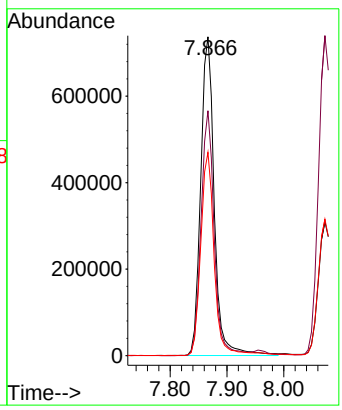


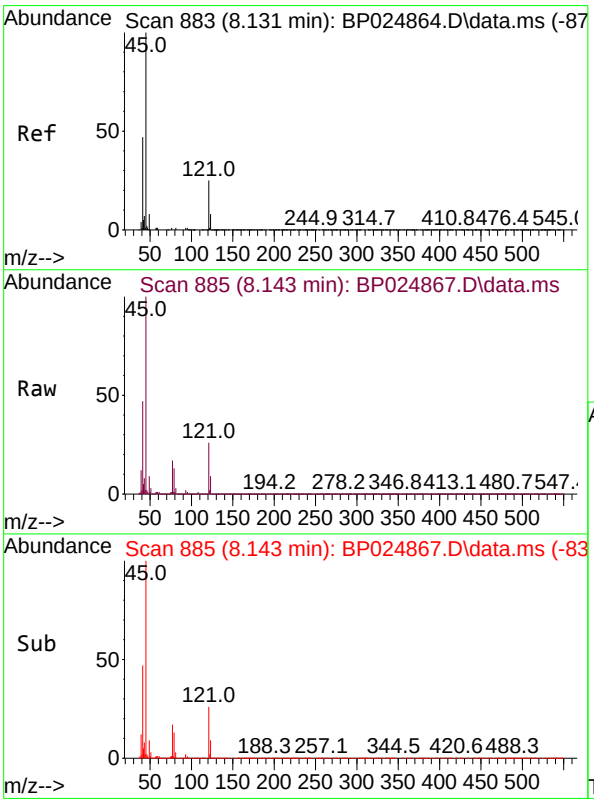
#15
Benzyl Alcohol
Concen: 79.620 ng
RT: 7.866 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1218925

Ion	Ratio	Lower	Upper
79	100		
108	76.8	60.2	90.4
77	63.8	51.2	76.8

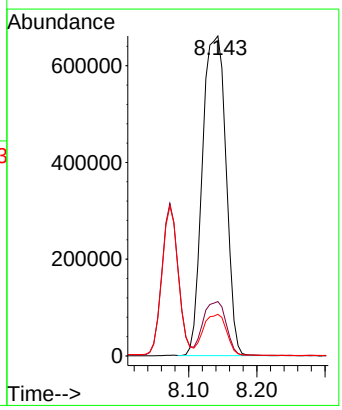


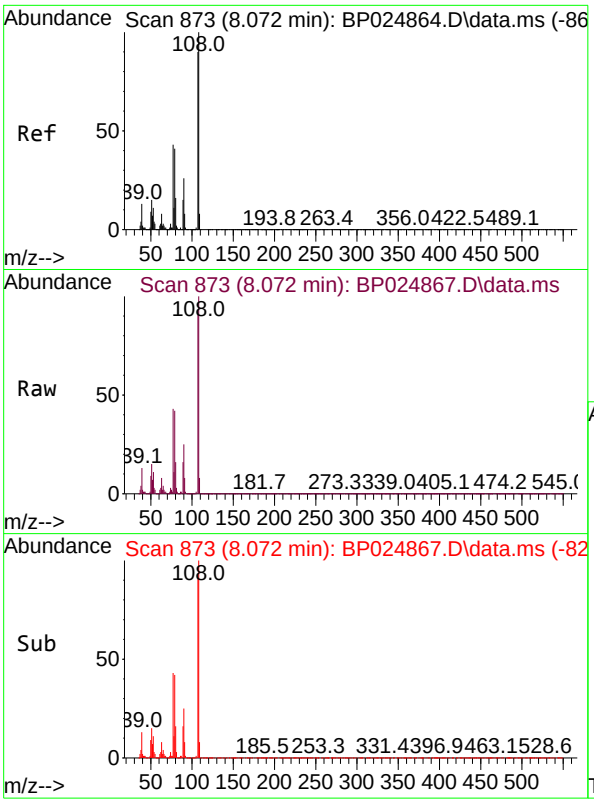


#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.829 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 45 Resp: 1584064

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.3
79	13.0	0.0	32.2



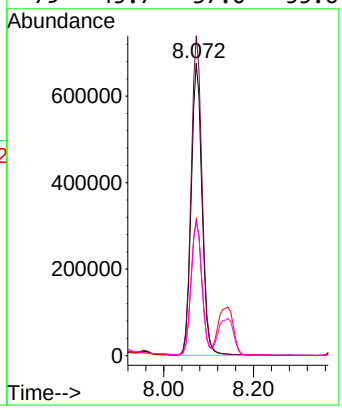


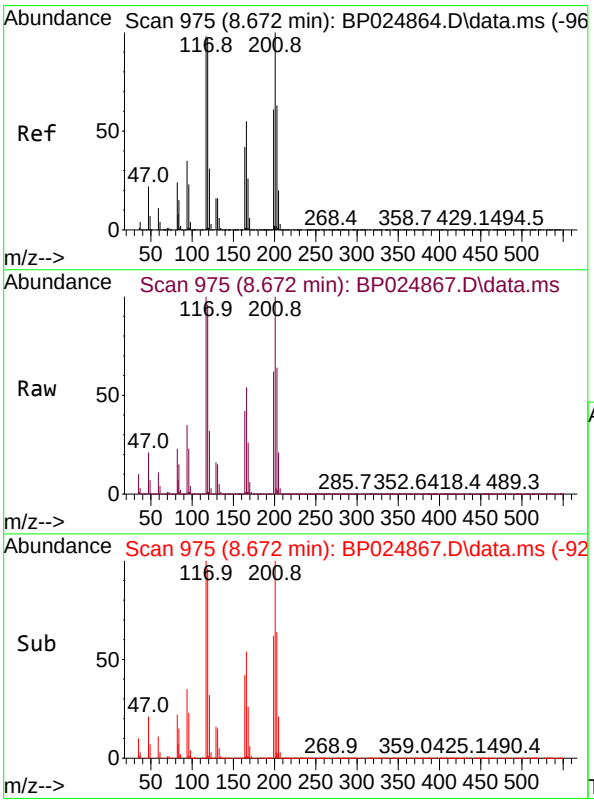
#17
2-Methylphenol
Concen: 78.611 ng
RT: 8.072 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1128854

Ion	Ratio	Lower	Upper
107	100		
108	109.4	88.6	132.8
77	46.6	38.5	57.7
79	45.7	37.0	55.6

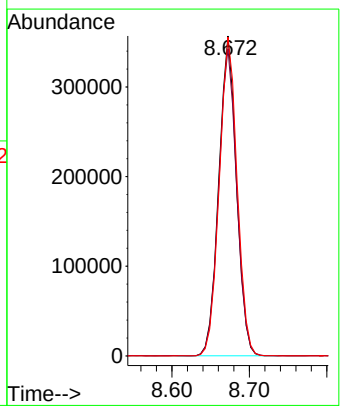


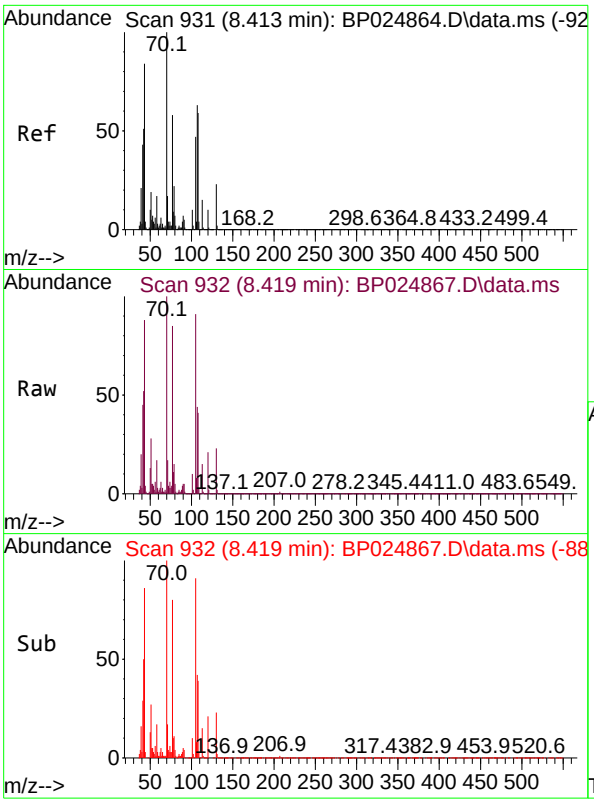


#18
Hexachloroethane
Concen: 78.169 ng
RT: 8.672 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:117 Resp: 566168

Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.4	119.2
201	99.6	81.4	122.2



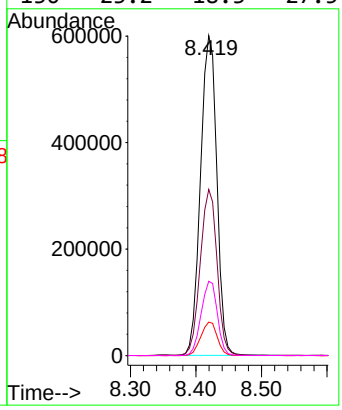


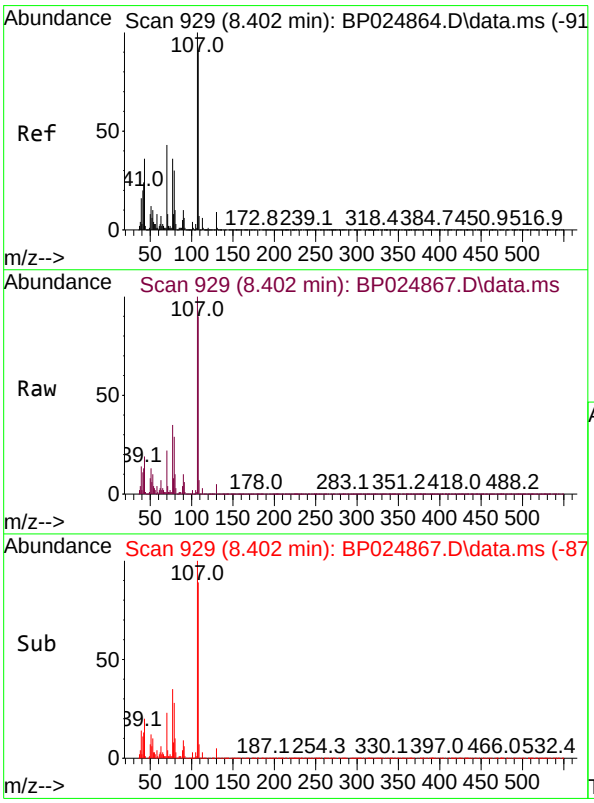
#19
n-Nitroso-di-n-propylamine
Concen: 76.374 ng
RT: 8.419 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 1035677

Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.2	61.8
101	10.5	8.3	12.5
130	23.2	18.3	27.5

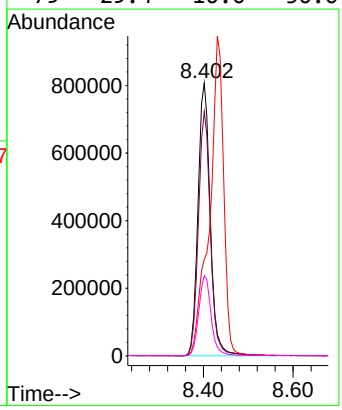


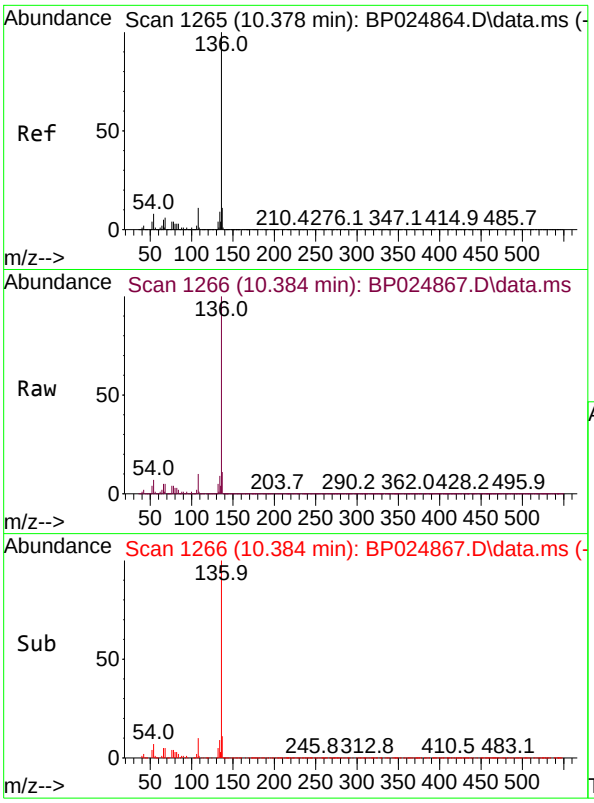


#20
3+4-Methylphenols
Concen: 77.821 ng
RT: 8.402 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:107 Resp: 1524653

Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.7	110.7
77	35.4	16.6	56.6
79	29.4	10.0	50.0



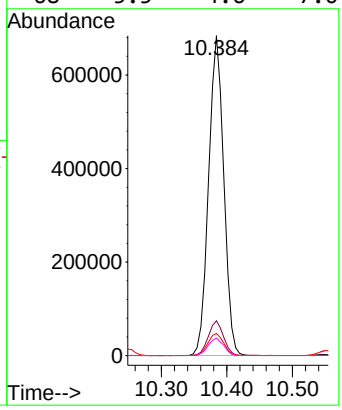


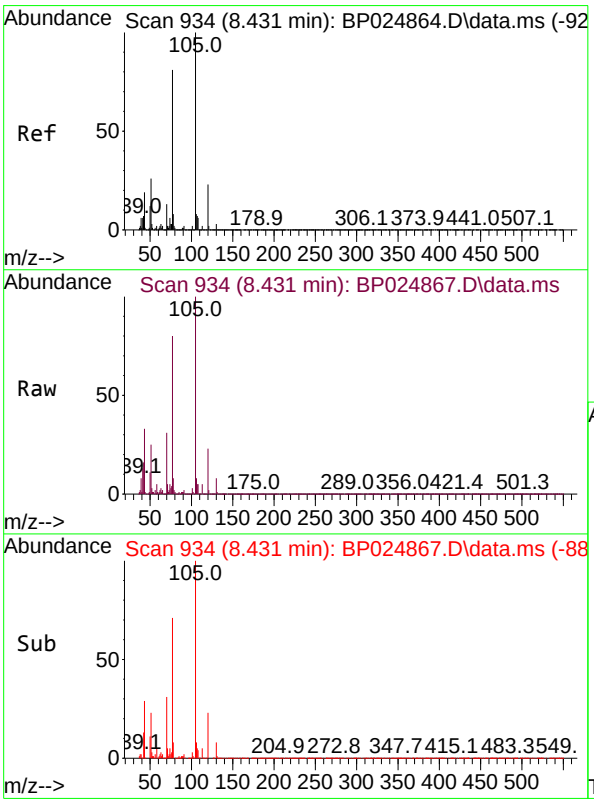
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1097725

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.1	9.1
68	5.5	4.6	7.0

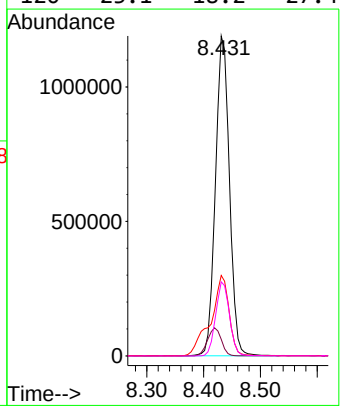


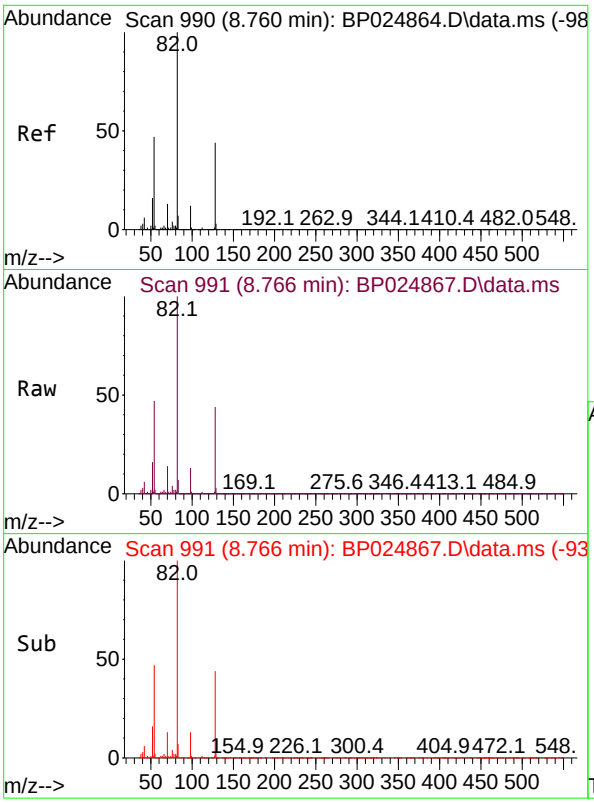


#22
Acetophenone
Concen: 73.305 ng
RT: 8.431 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:105 Resp: 2033065

Ion	Ratio	Lower	Upper
105	100		
71	5.2	1.6	2.4#
51	25.1	20.6	31.0
120	23.1	18.2	27.4



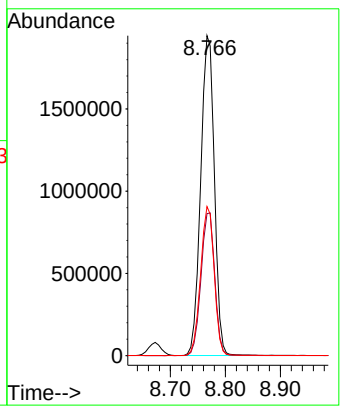


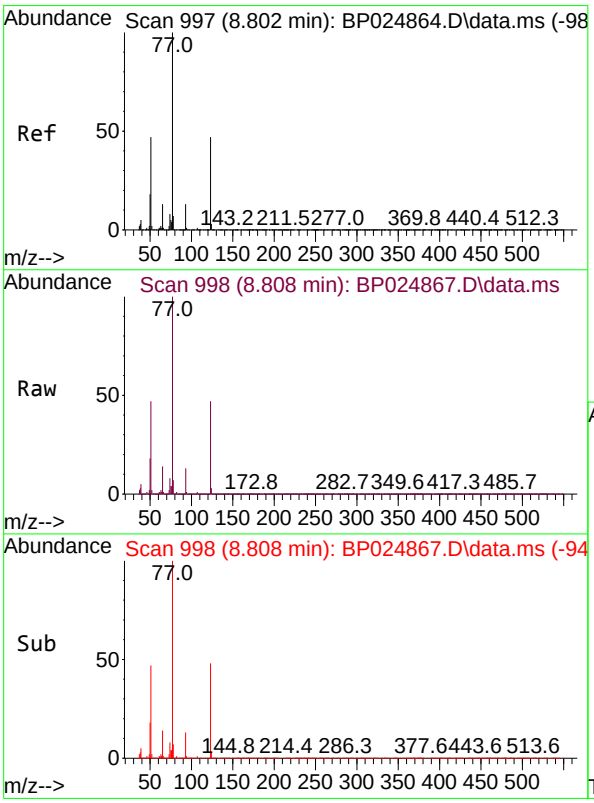
#23
Nitrobenzene-d5
Concen: 148.903 ng
RT: 8.766 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 3363733

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	46.6	37.4	56.0

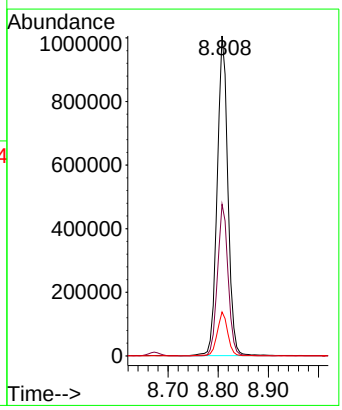


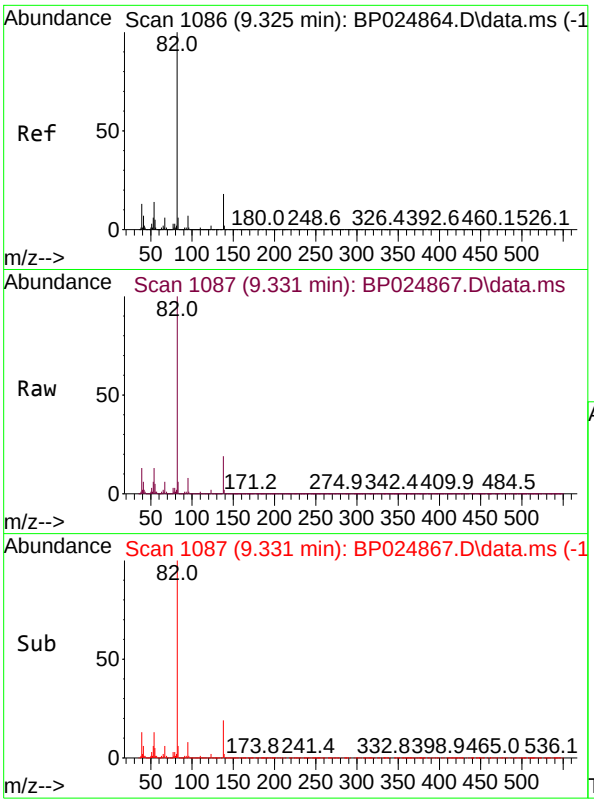


#24
Nitrobenzene
Concen: 74.236 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 77 Resp: 1489831

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	13.7	10.8	16.2



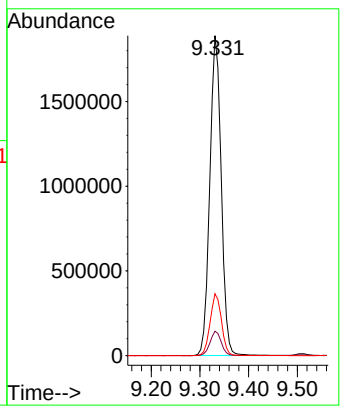


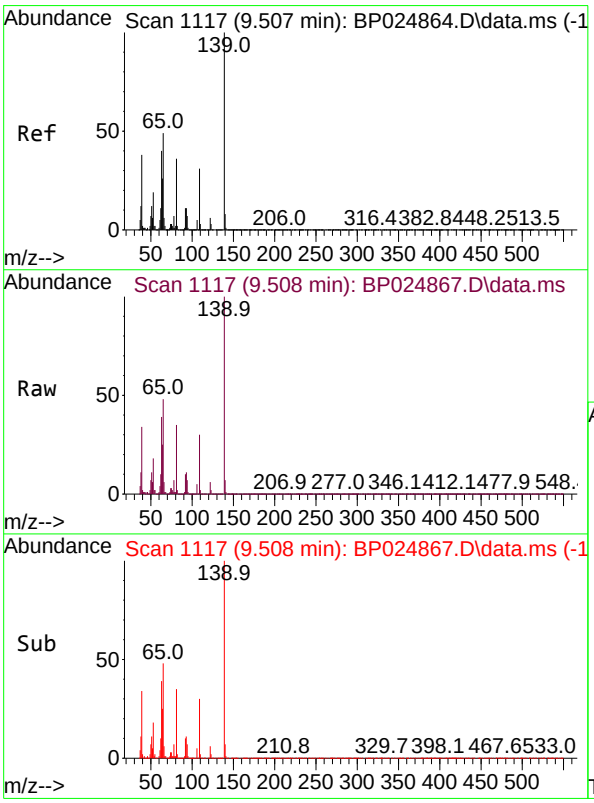
#25
Isophorone
Concen: 78.936 ng
RT: 9.331 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 3090456

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.3	14.6	21.8

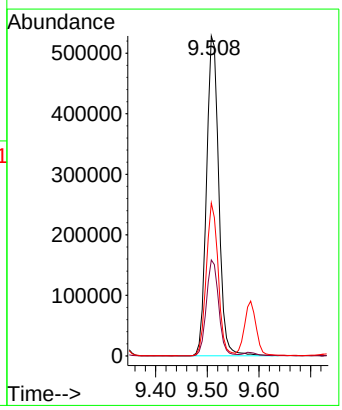


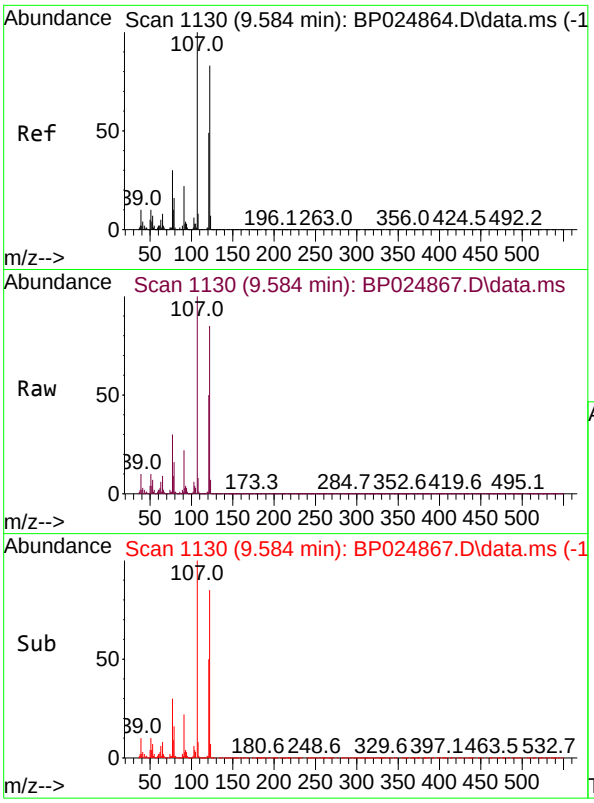


#26
2-Nitrophenol
Concen: 87.932 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:139 Resp: 870704

Ion	Ratio	Lower	Upper
139	100		
109	30.0	24.6	37.0
65	47.8	39.5	59.3



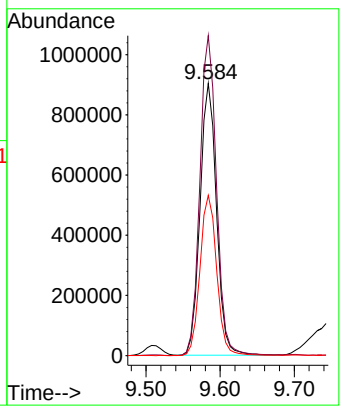


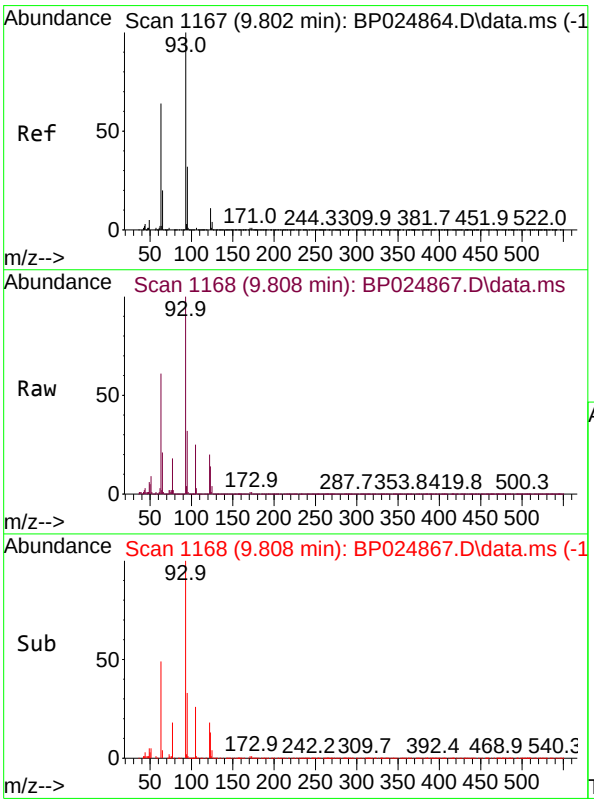
#27
2,4-Dimethylphenol
Concen: 82.403 ng
RT: 9.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1396457

Ion	Ratio	Lower	Upper
122	100		
107	117.5	96.2	144.4
121	58.8	47.0	70.4

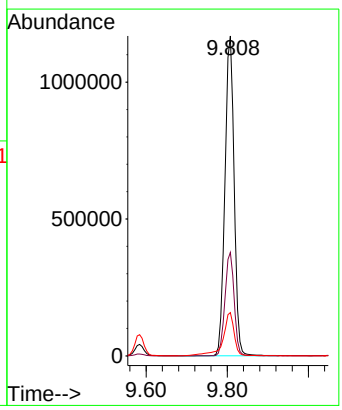


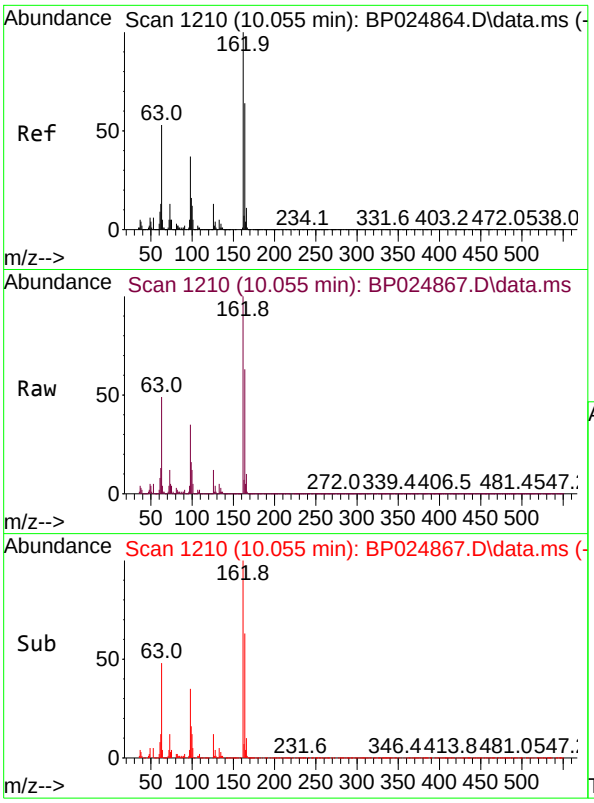


#28
bis(2-Chloroethoxy)methane
Concen: 78.289 ng
RT: 9.808 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 93 Resp: 1828377

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	13.5	9.2	13.8



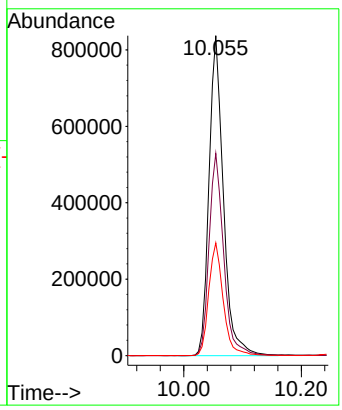


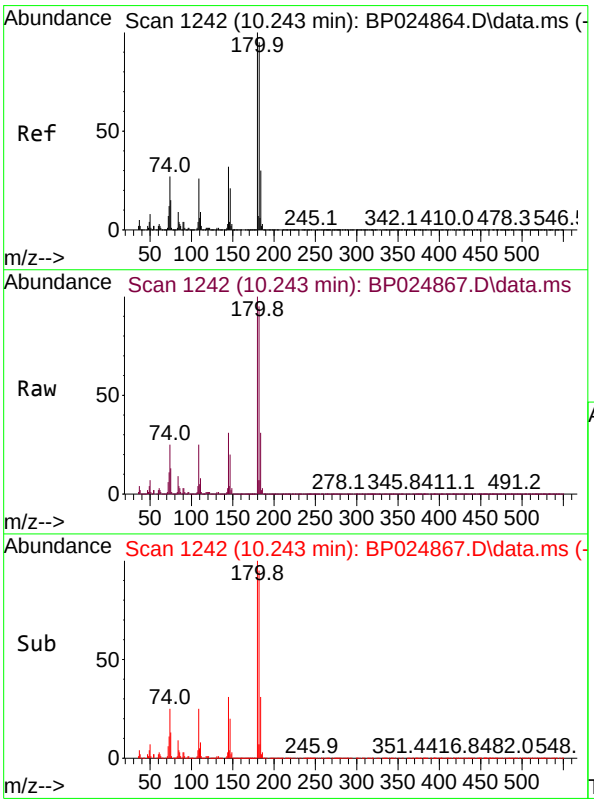
#29
2,4-Dichlorophenol
Concen: 87.313 ng
RT: 10.055 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1419757

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.0	84.0
98	35.2	16.9	56.9

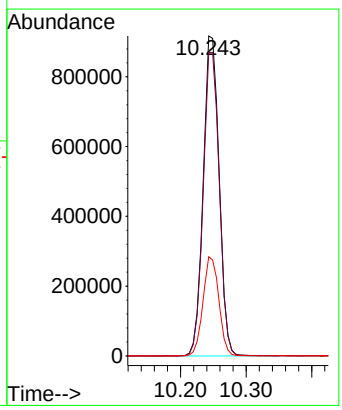


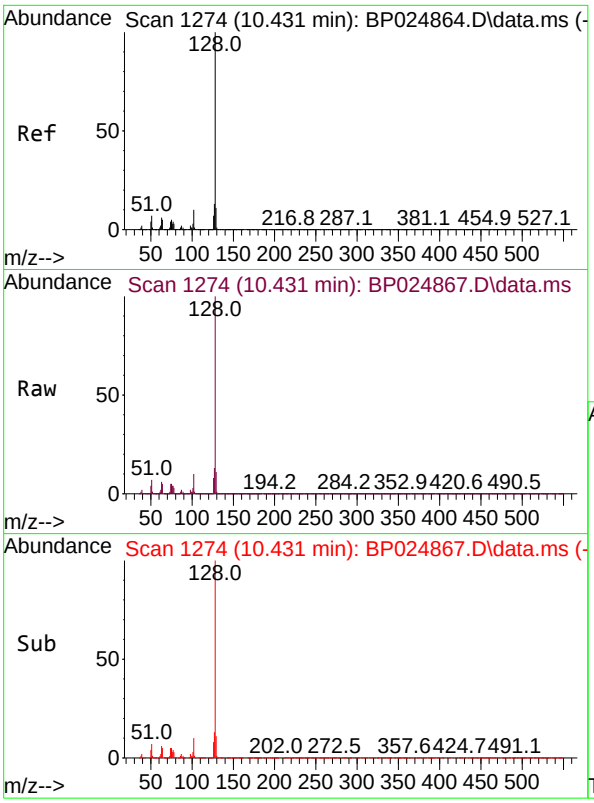


#30
1,2,4-Trichlorobenzene
Concen: 84.080 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:180 Resp: 1542041

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	31.0	25.7	38.5



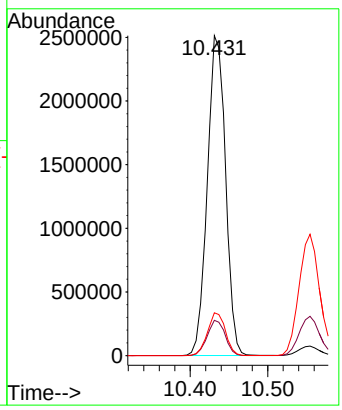


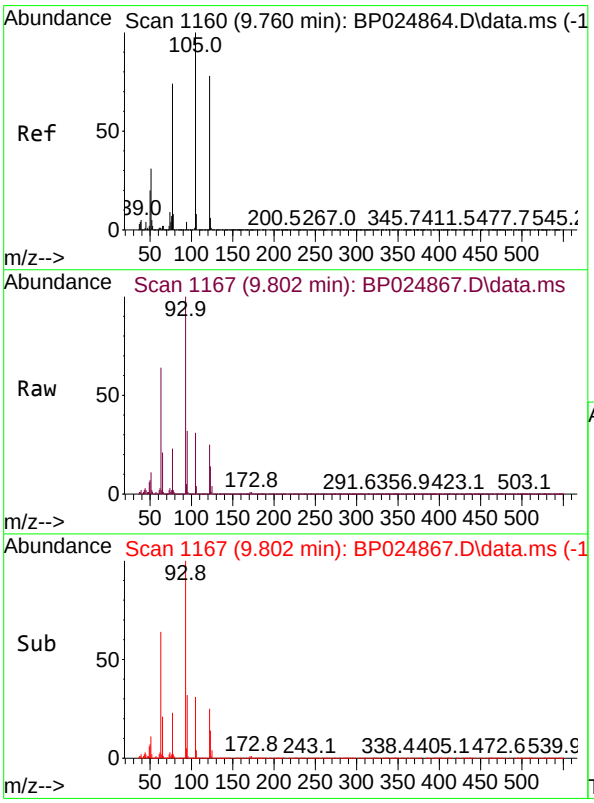
#31
Naphthalene
Concen: 72.957 ng
RT: 10.431 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 4104122

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.7	16.1

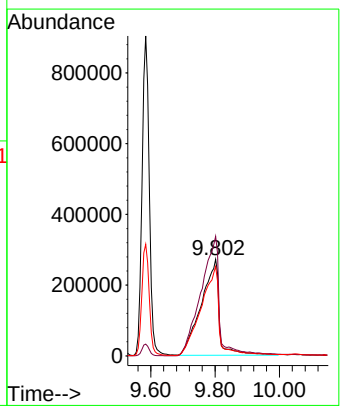


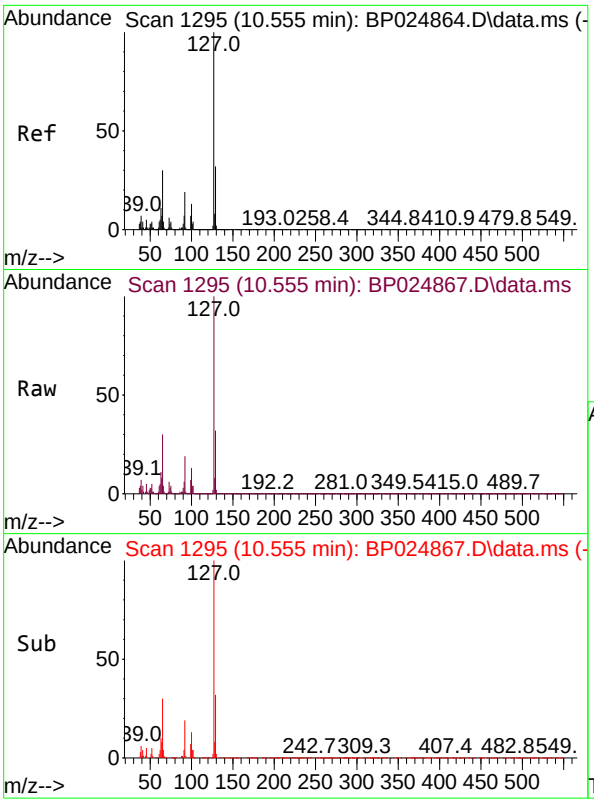


#32
Benzoic acid
Concen: 94.314 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:122 Resp: 1065621

Ion	Ratio	Lower	Upper
122	100		
105	123.9	107.1	147.1
77	92.6	75.1	115.1



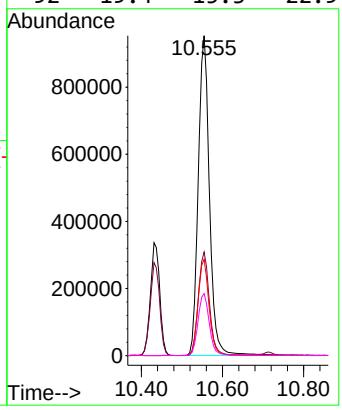


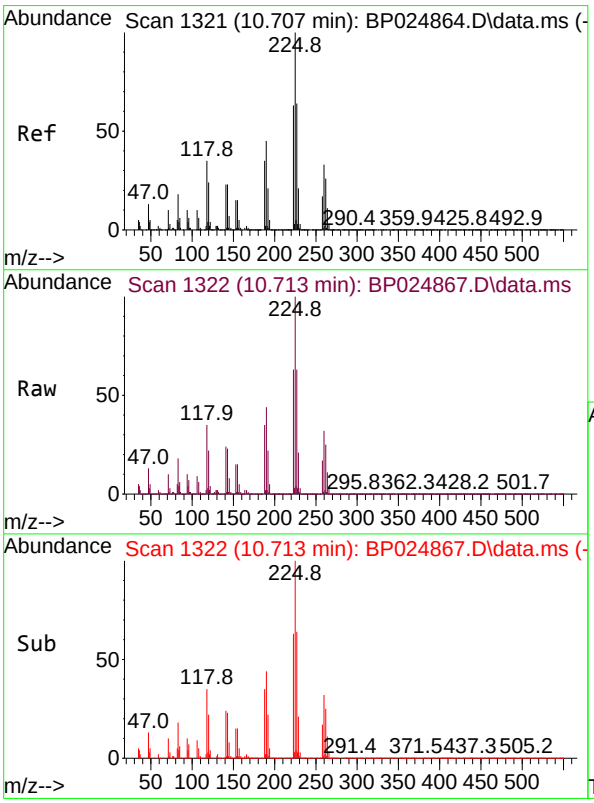
#33
4-Chloroaniline
Concen: 77.087 ng
RT: 10.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1816811

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.1	23.9	35.9
92	19.4	15.3	22.9

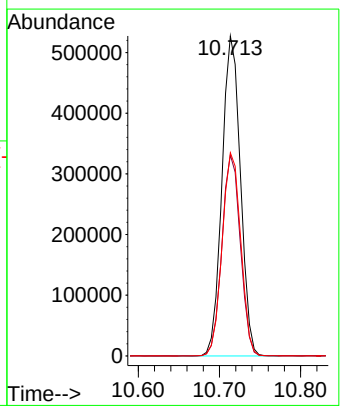


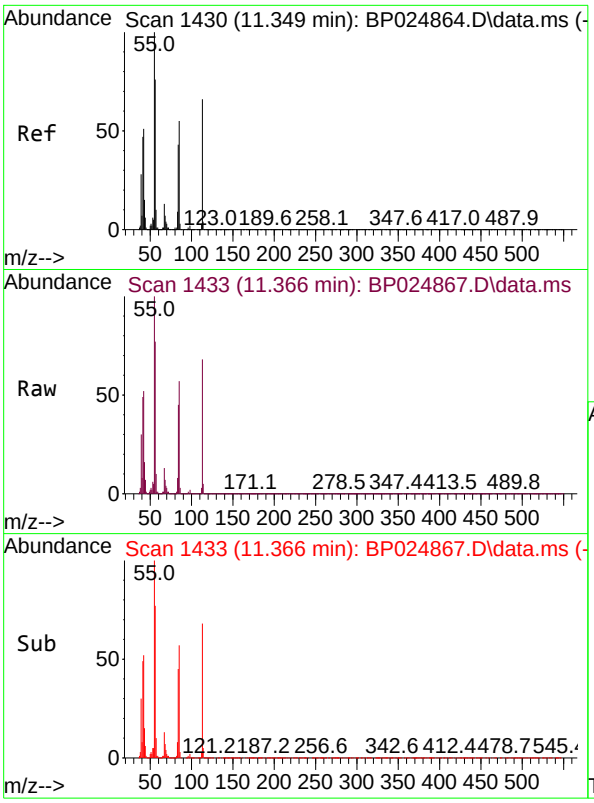


#34
Hexachlorobutadiene
Concen: 75.174 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:225 Resp: 830962

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.5	75.7
227	63.5	51.4	77.2



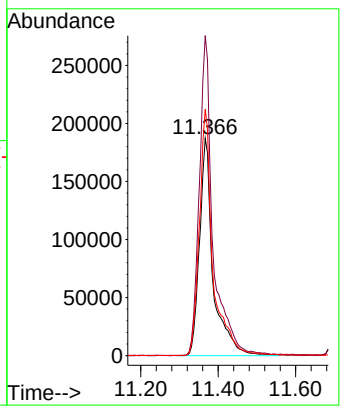


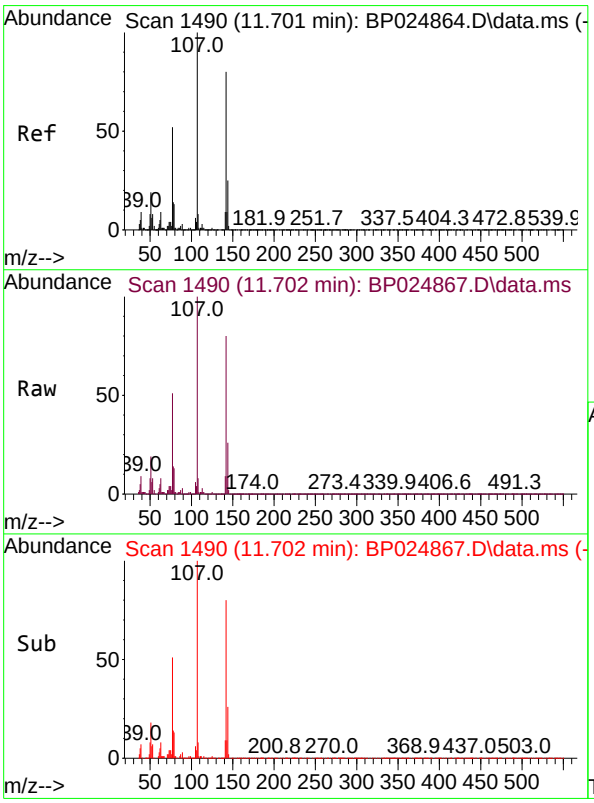
#35
Caprolactam
Concen: 76.358 ng
RT: 11.366 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 457044

Ion	Ratio	Lower	Upper
113	100		
55	147.3	132.5	172.5
56	113.4	96.0	136.0

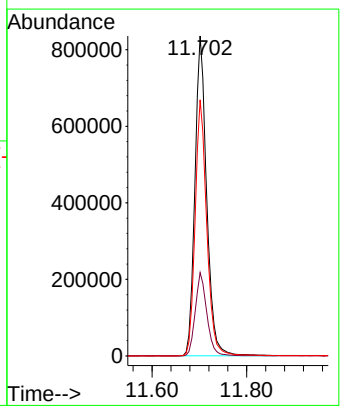


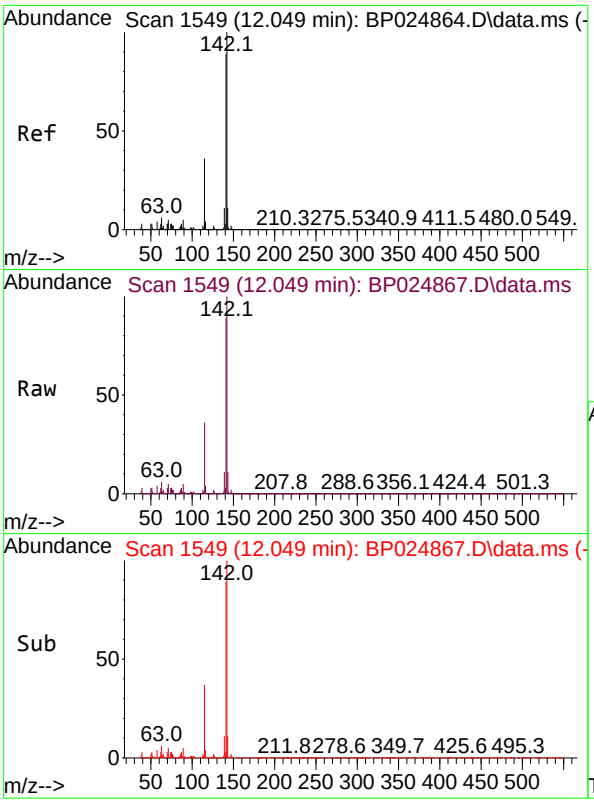


#36
4-Chloro-3-methylphenol
Concen: 76.925 ng
RT: 11.702 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:107 Resp: 1442747

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	80.0	63.8	95.6



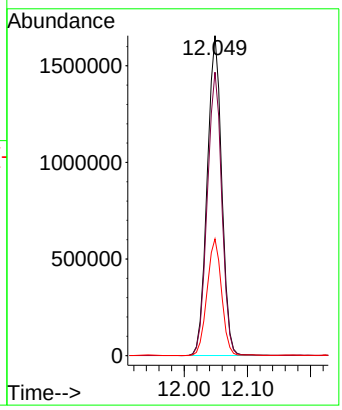


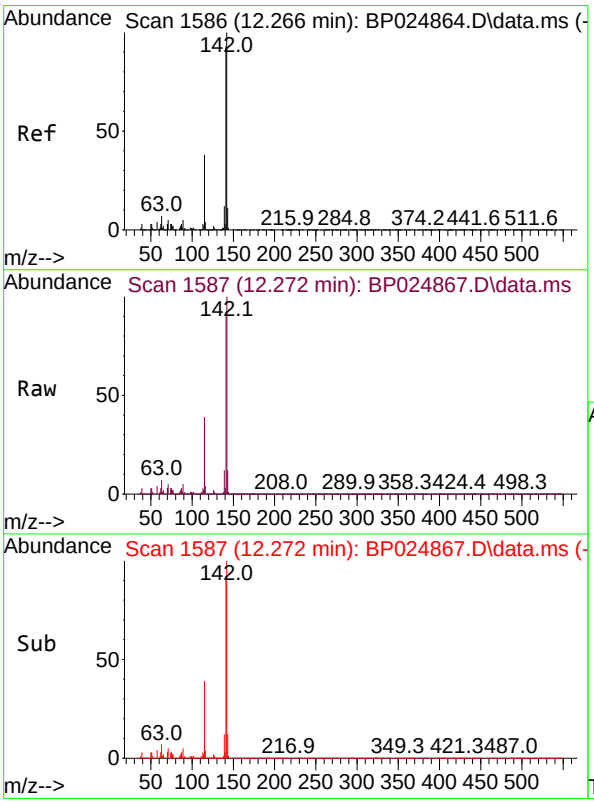
#37
2-Methylnaphthalene
Concen: 74.062 ng
RT: 12.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2642800

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	36.5	28.5	42.7

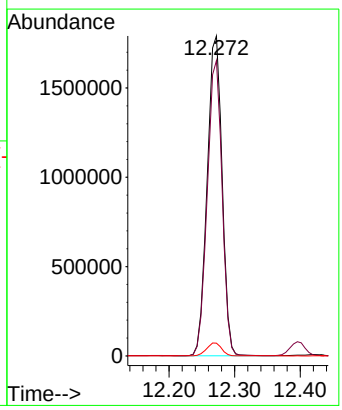


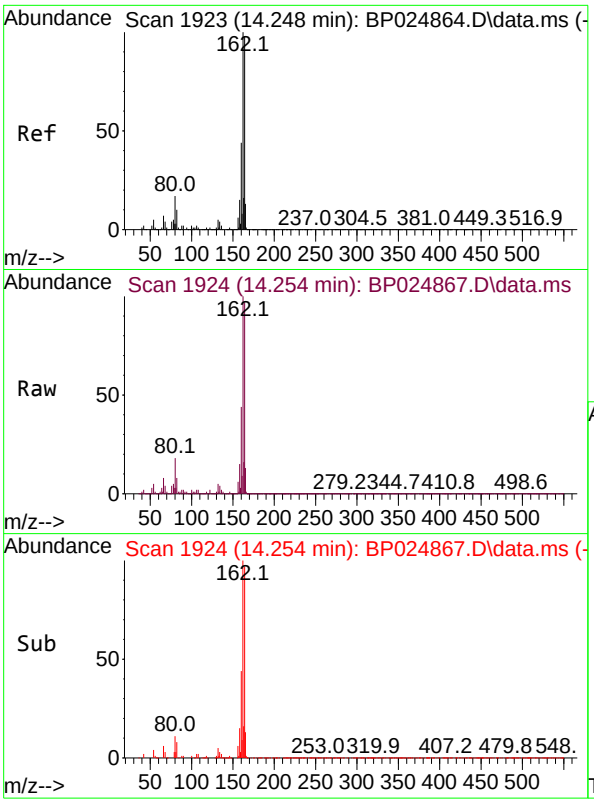


#38
1-Methylnaphthalene
Concen: 73.955 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:142 Resp: 2821350

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.7	112.1
116	4.0	3.4	5.0



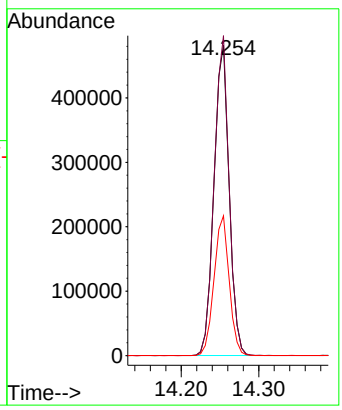


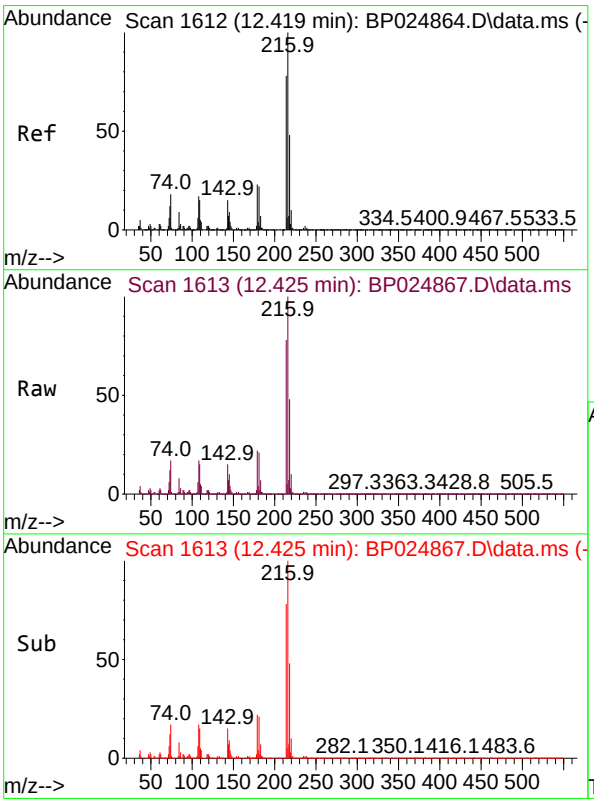
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 655445

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	45.0	36.2	54.2

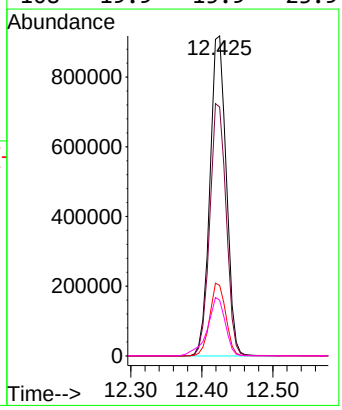


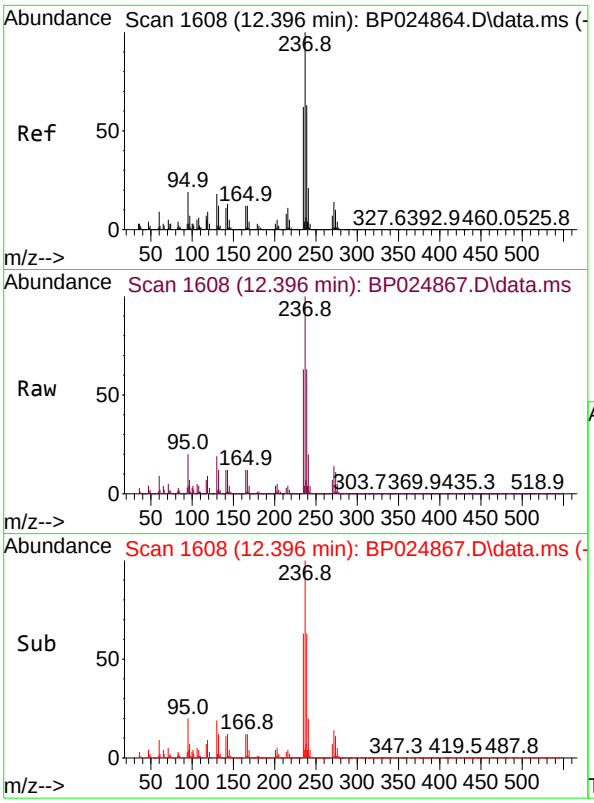


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.160 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:216 Resp: 1472269

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.3	17.8	26.6
108	19.9	15.9	23.9



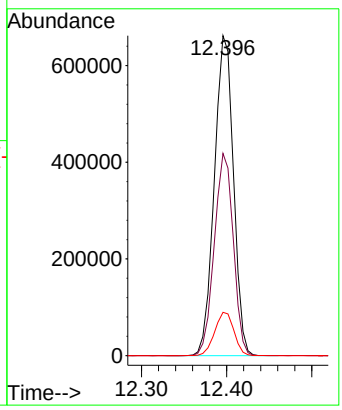


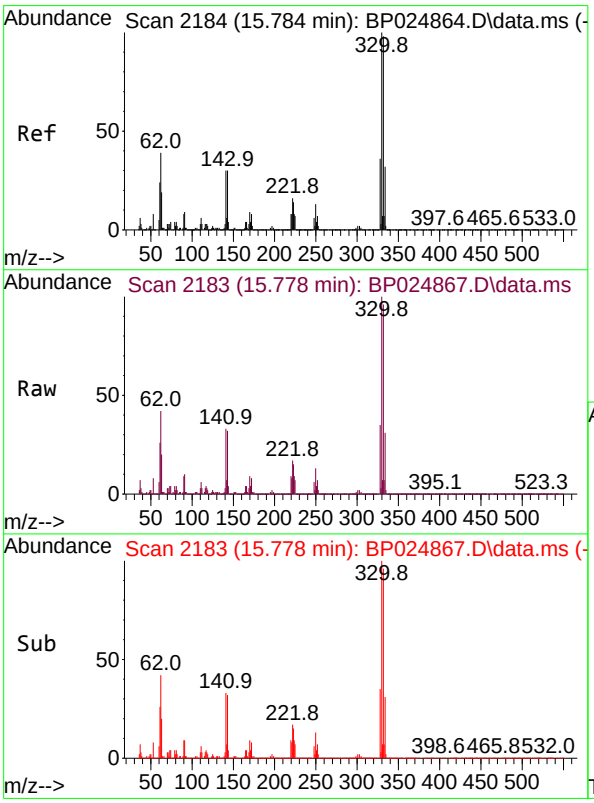
#41
Hexachlorocyclopentadiene
Concen: 90.970 ng
RT: 12.396 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 1031961

Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.9	81.9
272	13.5	0.0	33.7

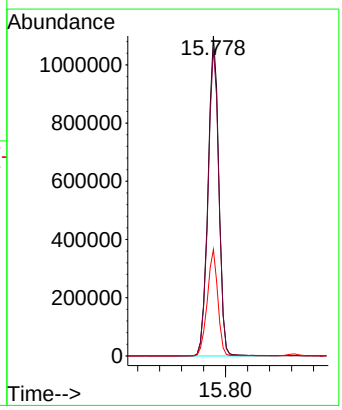


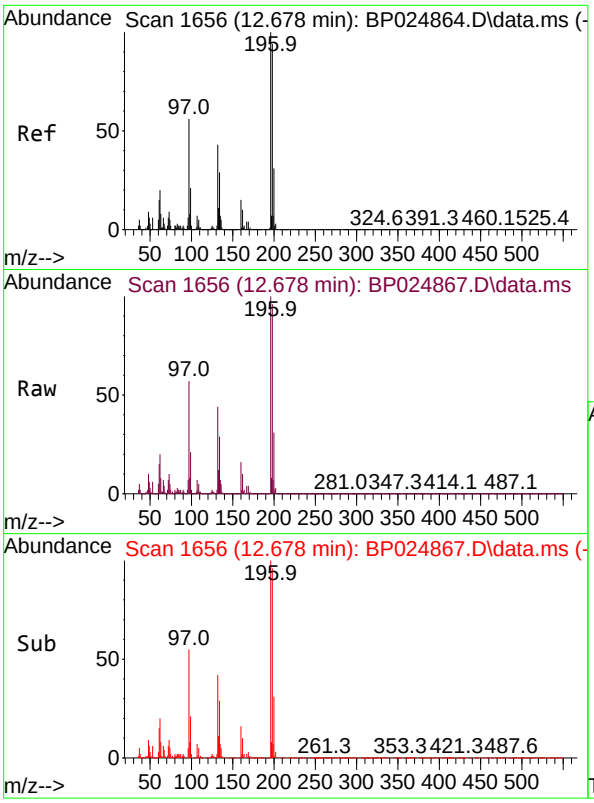


#42
2,4,6-Tribromophenol
Concen: 164.916 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:330 Resp: 1494447

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	32.5	26.4	39.6



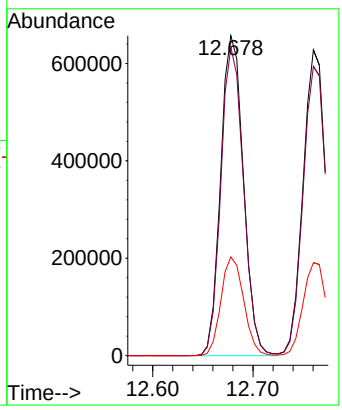


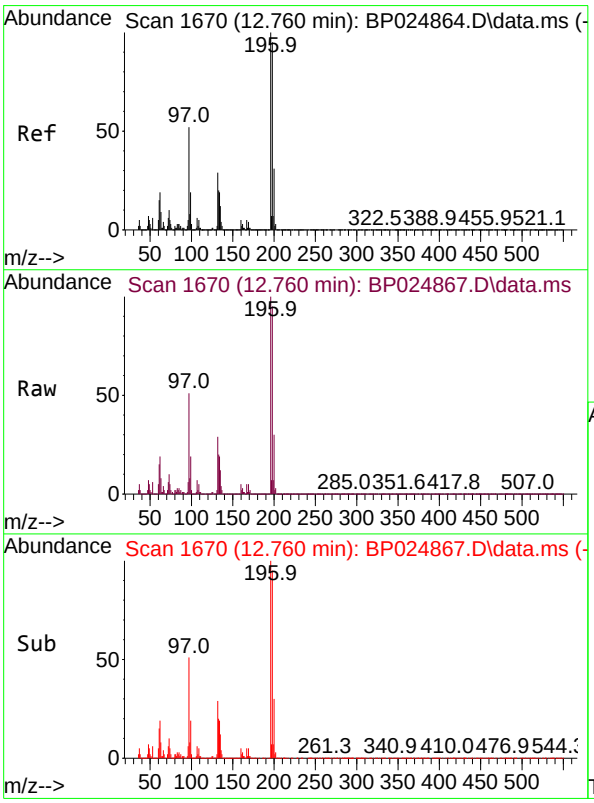
#43
2,4,6-Trichlorophenol
Concen: 83.186 ng
RT: 12.678 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1039009

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.4	113.0
200	30.8	24.4	36.6

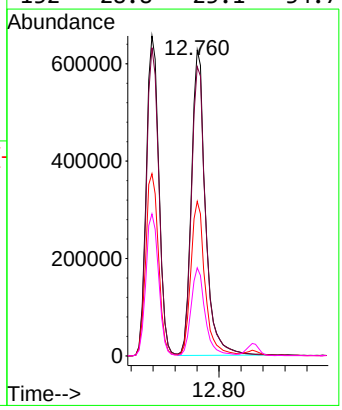


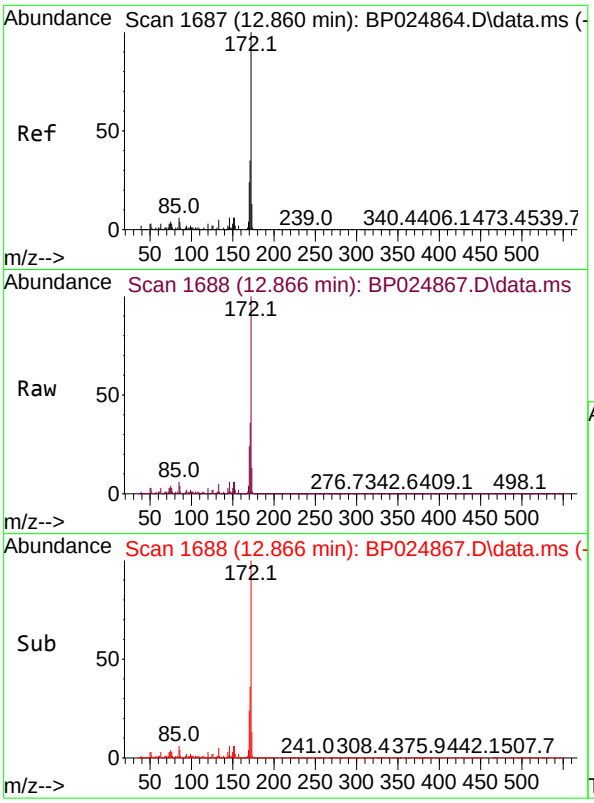


#44
2,4,5-Trichlorophenol
Concen: 83.507 ng
RT: 12.760 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:196 Resp: 1117015

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.0	114.0
97	50.5	41.5	62.3
132	28.8	23.1	34.7



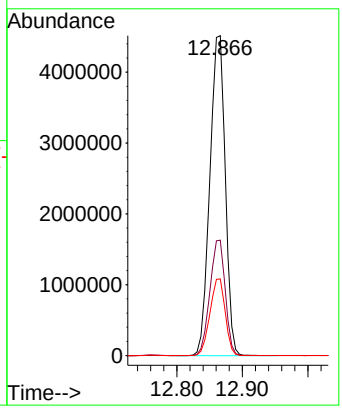


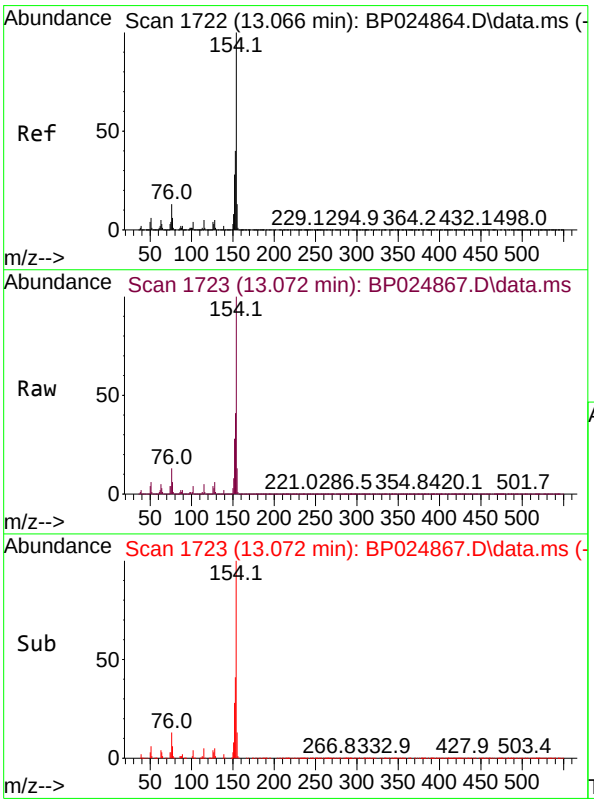
#45
2-Fluorobiphenyl
Concen: 151.825 ng
RT: 12.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 7387084

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	24.0	19.0	28.4

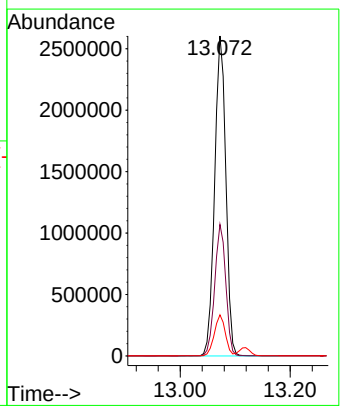


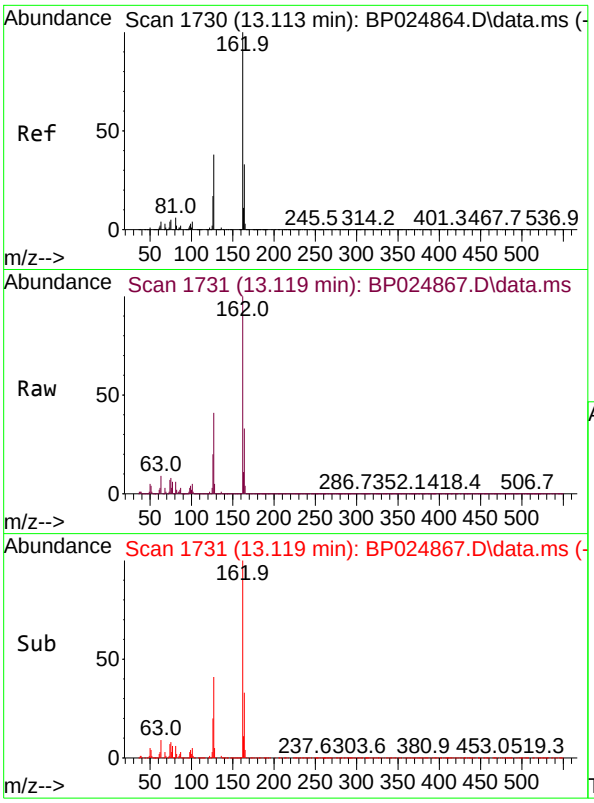


#46
1,1'-Biphenyl
Concen: 77.223 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:154 Resp: 3678354

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	12.8	0.0	33.0



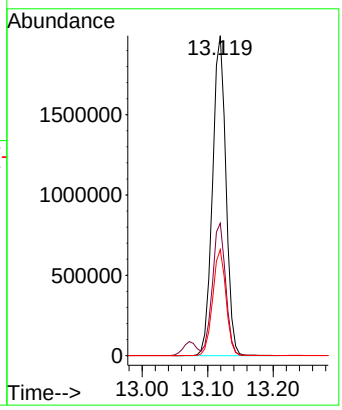


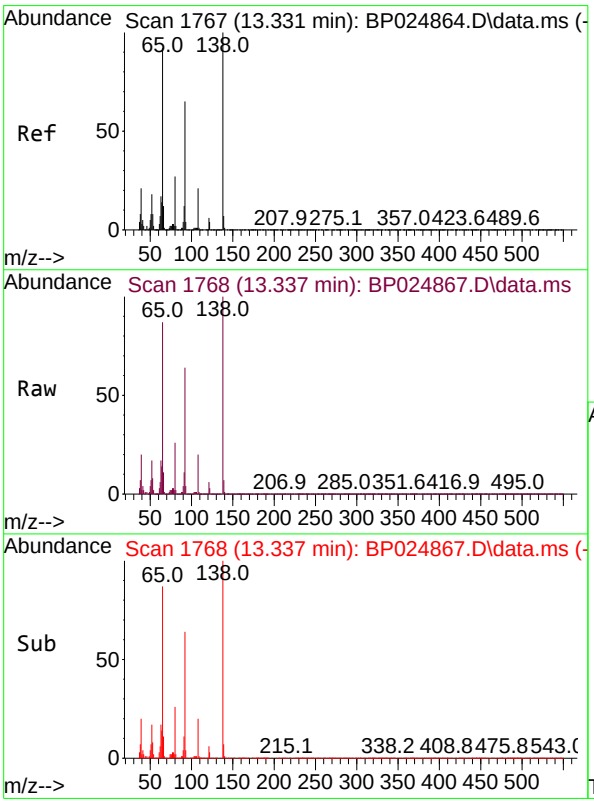
#47
2-Chloronaphthalene
Concen: 77.428 ng
RT: 13.119 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2834595

Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.5	48.7
164	33.1	26.2	39.2

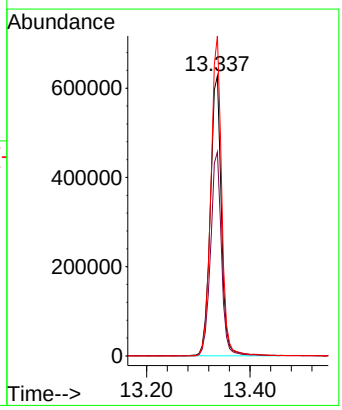


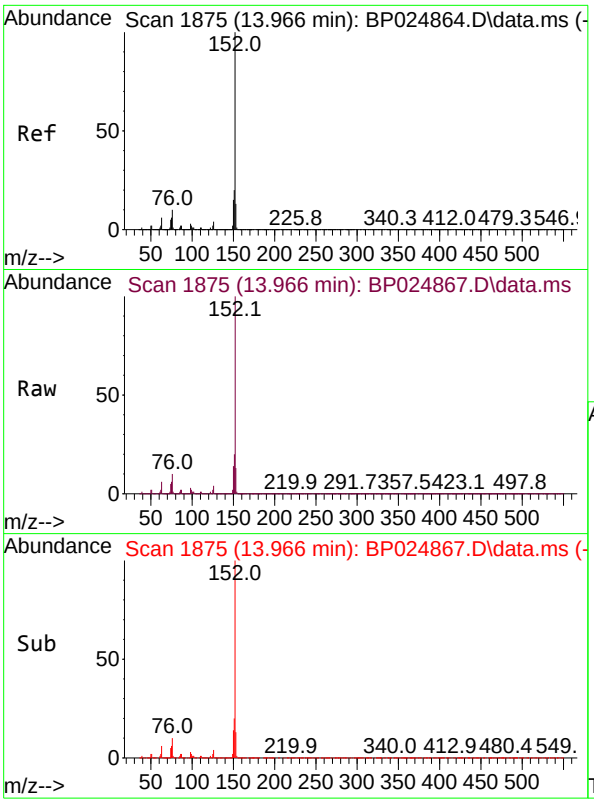


#48
2-Nitroaniline
Concen: 82.685 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 65 Resp: 930628

Ion	Ratio	Lower	Upper
65	100		
92	72.9	56.8	85.2
138	114.3	86.9	130.3



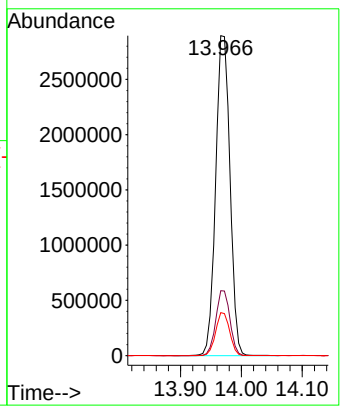


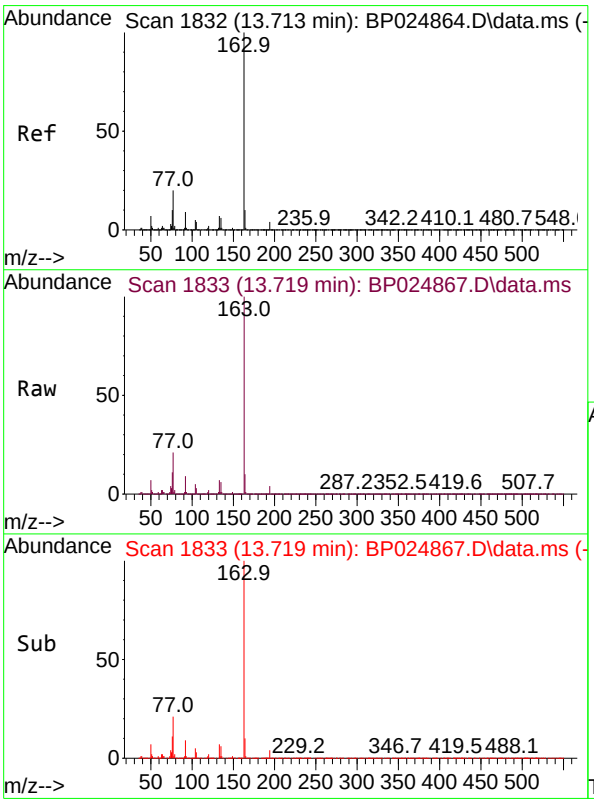
#49
Acenaphthylene
Concen: 77.508 ng
RT: 13.966 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4731215

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.4	10.6	15.8

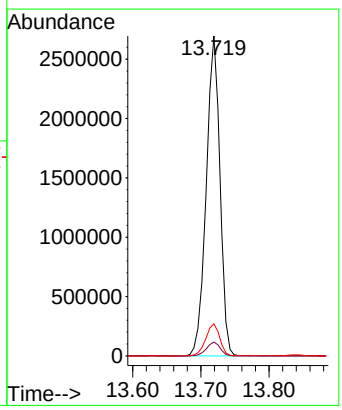


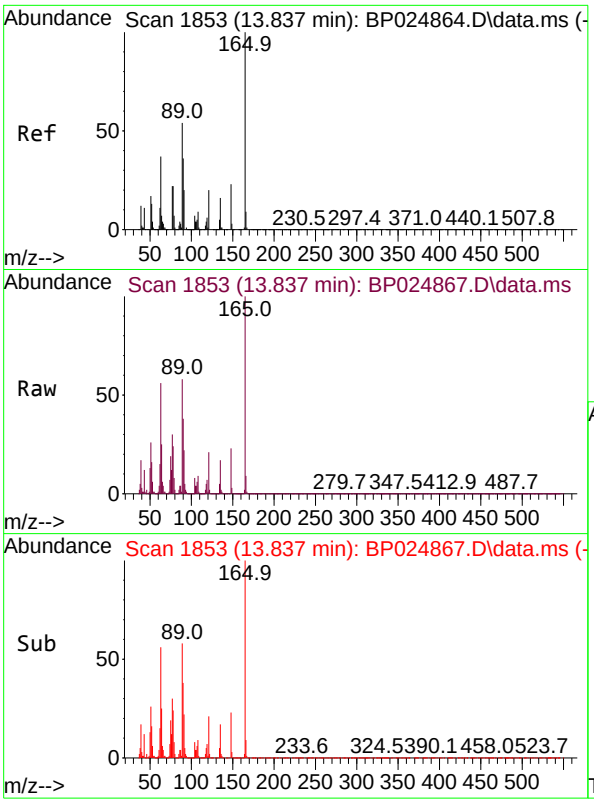


#50
Dimethylphthalate
Concen: 77.959 ng
RT: 13.719 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:163 Resp: 3769405

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.0	12.0



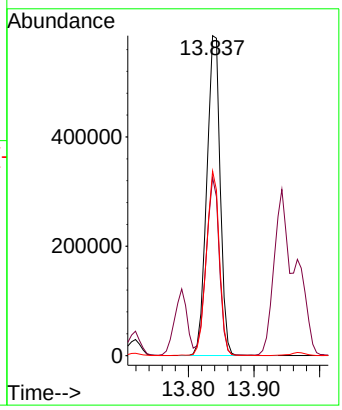


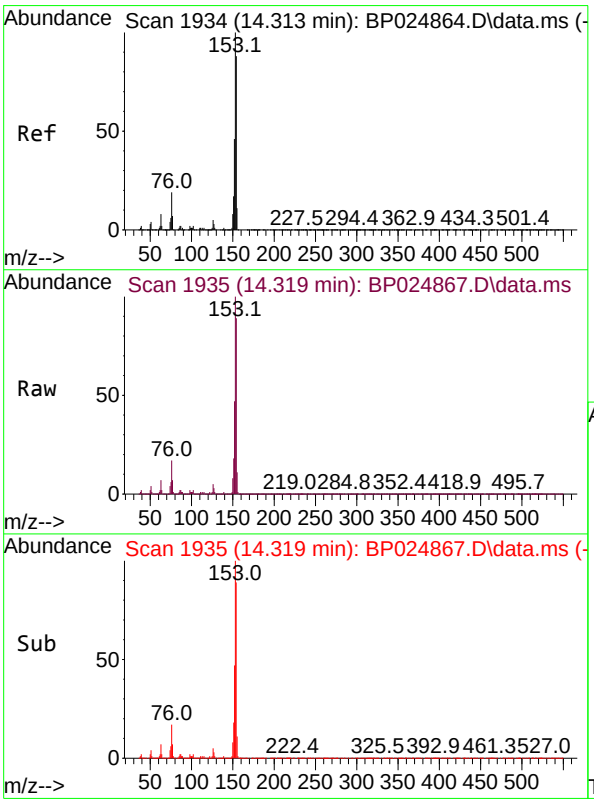
#51
2,6-Dinitrotoluene
Concen: 79.625 ng
RT: 13.837 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 829970

Ion	Ratio	Lower	Upper
165	100		
63	55.6	41.8	62.8
89	57.7	43.1	64.7

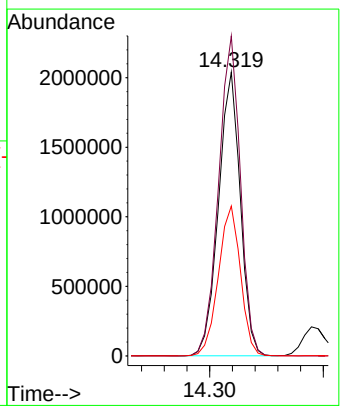


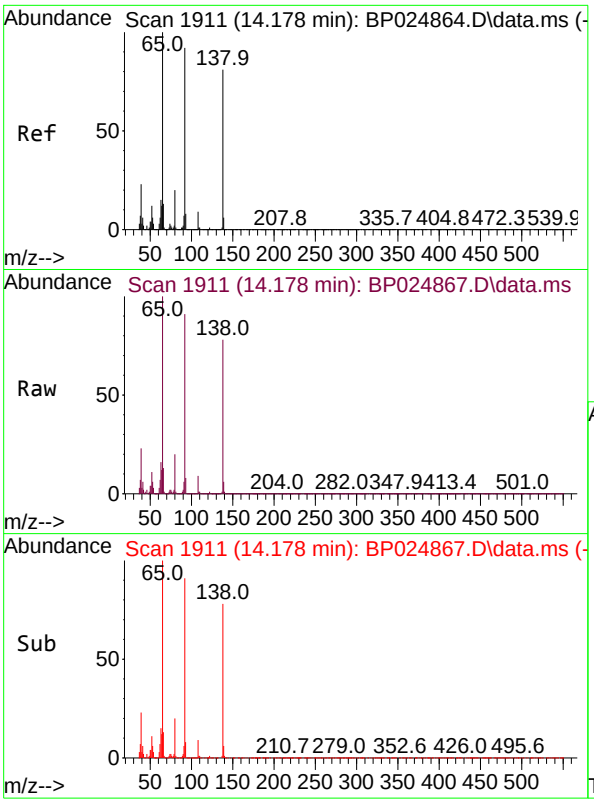


#52
Acenaphthene
Concen: 77.638 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:154 Resp: 2715693

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	52.8	42.1	63.1



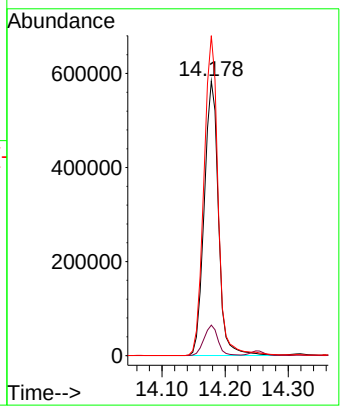


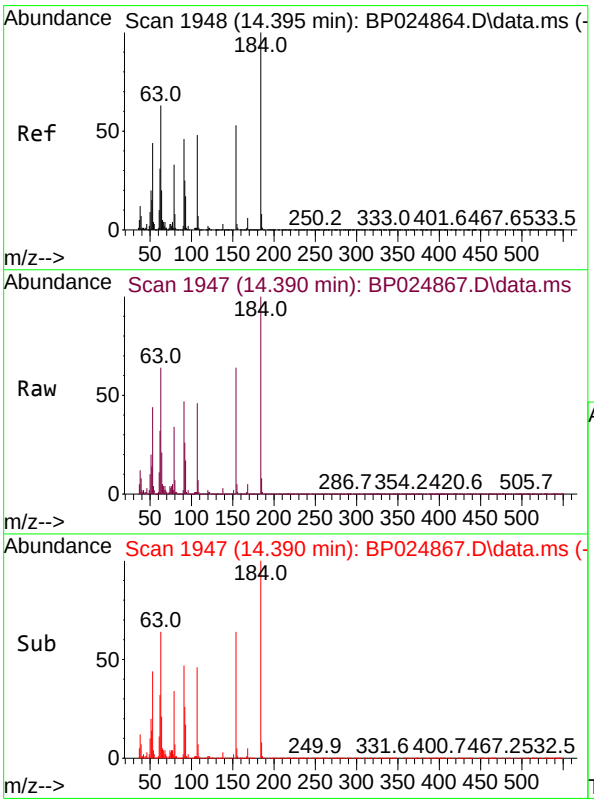
#53
3-Nitroaniline
Concen: 84.530 ng
RT: 14.178 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 914372

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	12.8
92	116.5	91.3	136.9

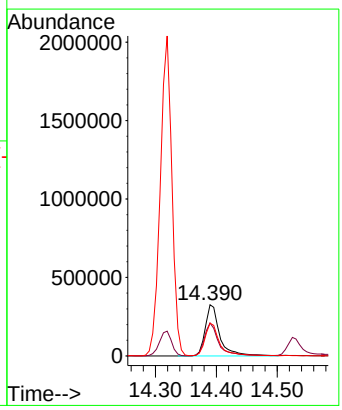


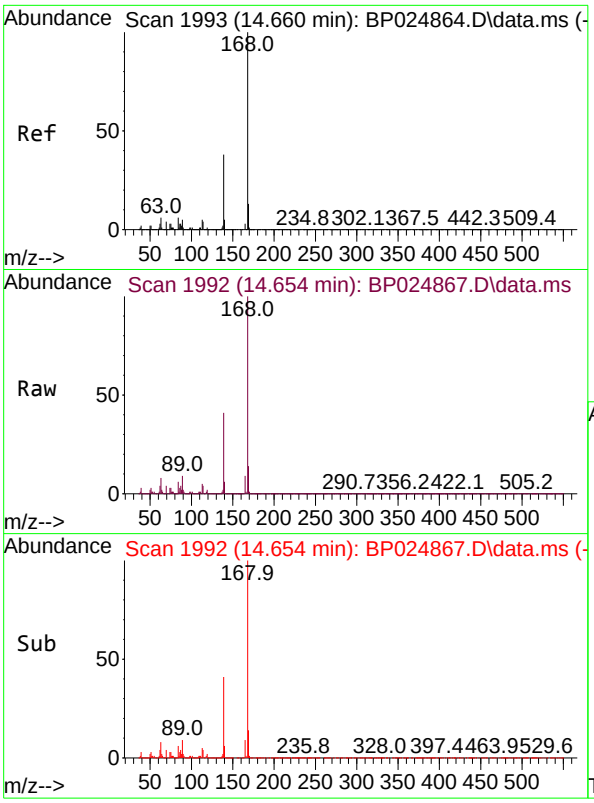


#54
2,4-Dinitrophenol
Concen: 79.298 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:184 Resp: 537870

Ion	Ratio	Lower	Upper
184	100		
63	64.4	51.0	76.4
154	64.2	51.7	77.5



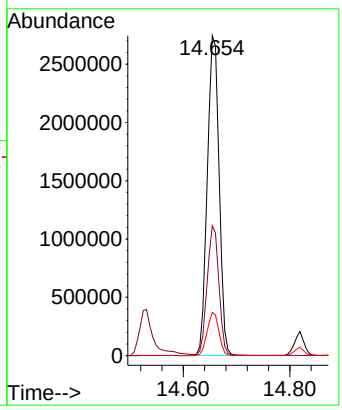


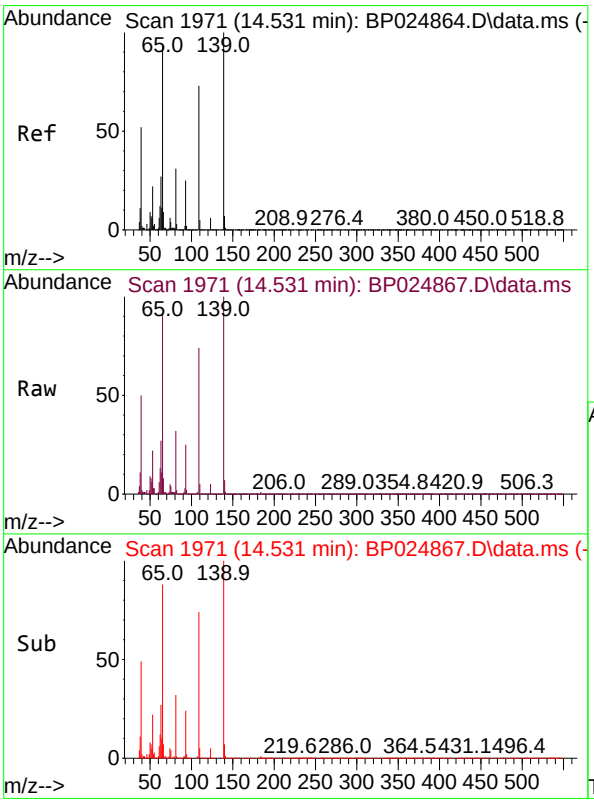
#55
Dibenzofuran
Concen: 75.424 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4234879

Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.6	47.4
169	13.5	10.6	15.8

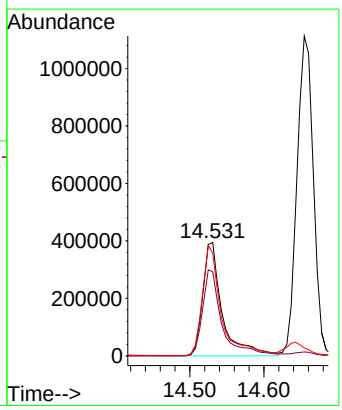


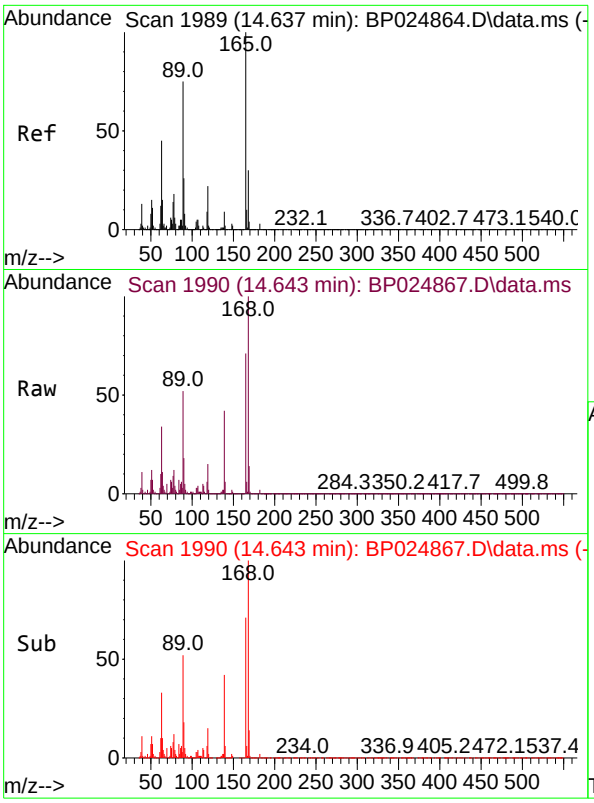


#56
4-Nitrophenol
Concen: 78.739 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:139 Resp: 720226

Ion	Ratio	Lower	Upper
139	100		
109	74.3	53.1	93.1
65	90.8	73.0	113.0



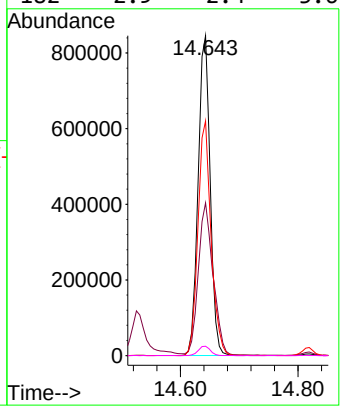


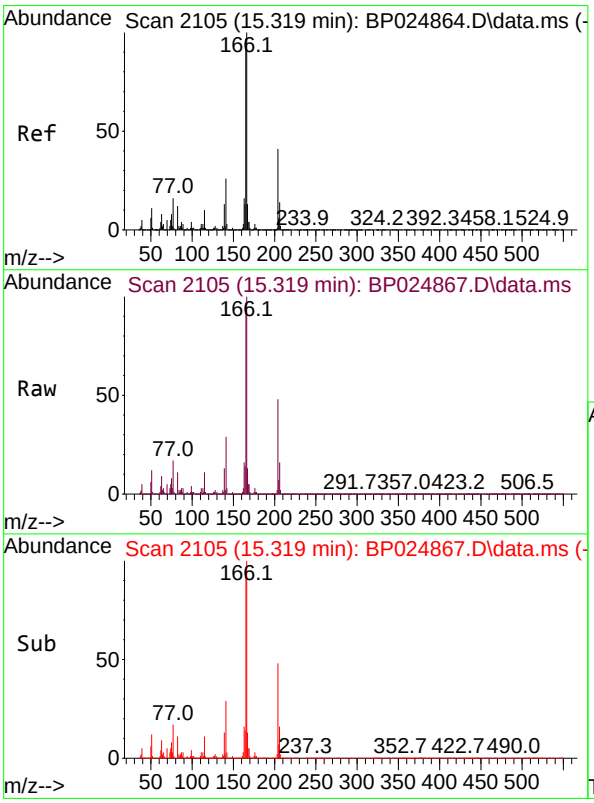
#57
2,4-Dinitrotoluene
Concen: 82.341 ng
RT: 14.643 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1200593

Ion	Ratio	Lower	Upper
165	100		
63	47.7	37.0	55.6
89	73.3	60.1	90.1
182	2.9	2.4	3.6

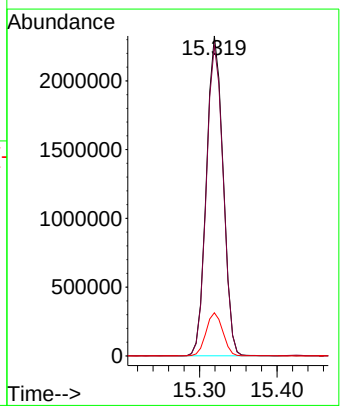


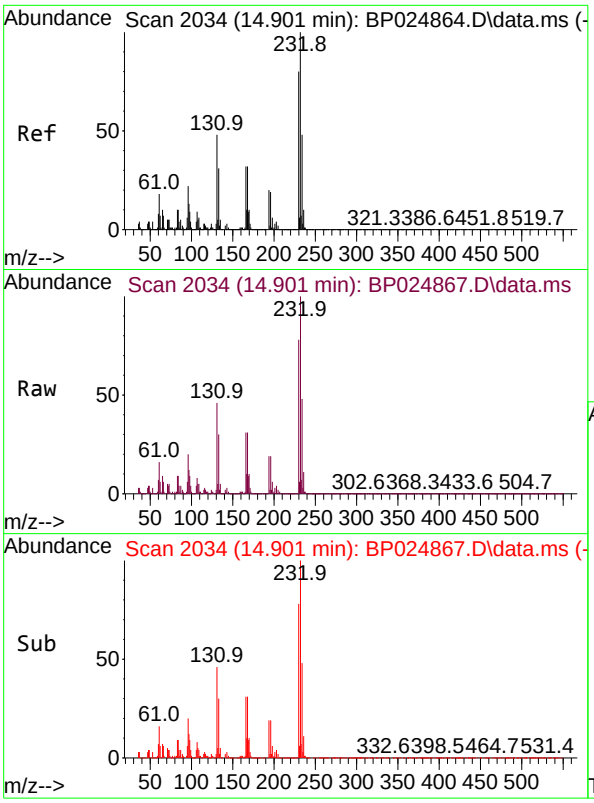


#58
Fluorene
Concen: 76.824 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:166 Resp: 3484502

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.5	10.6	16.0



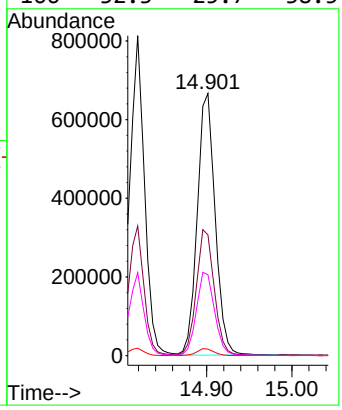


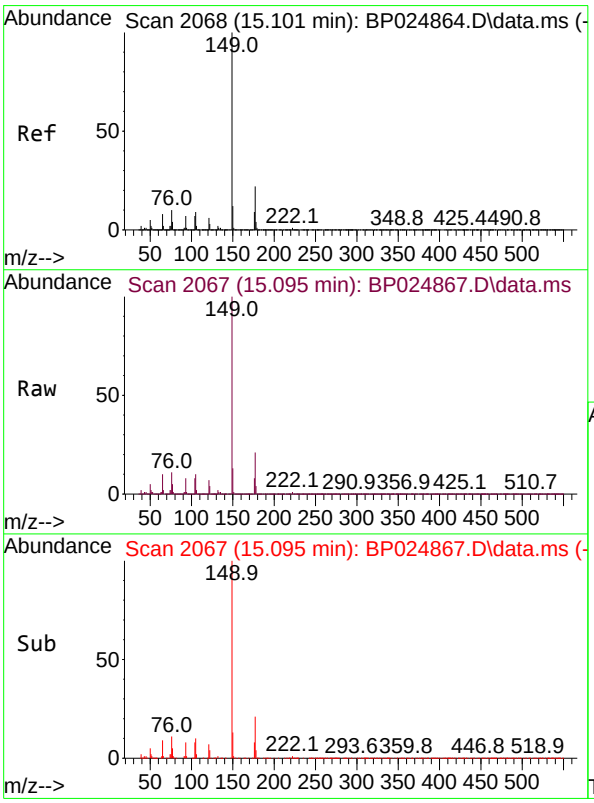
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.077 ng
RT: 14.901 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 970694

Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	2.6	2.1	3.1
166	32.3	25.7	38.5

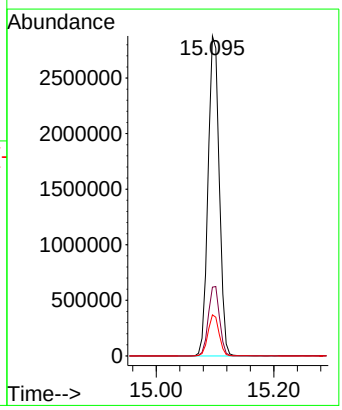


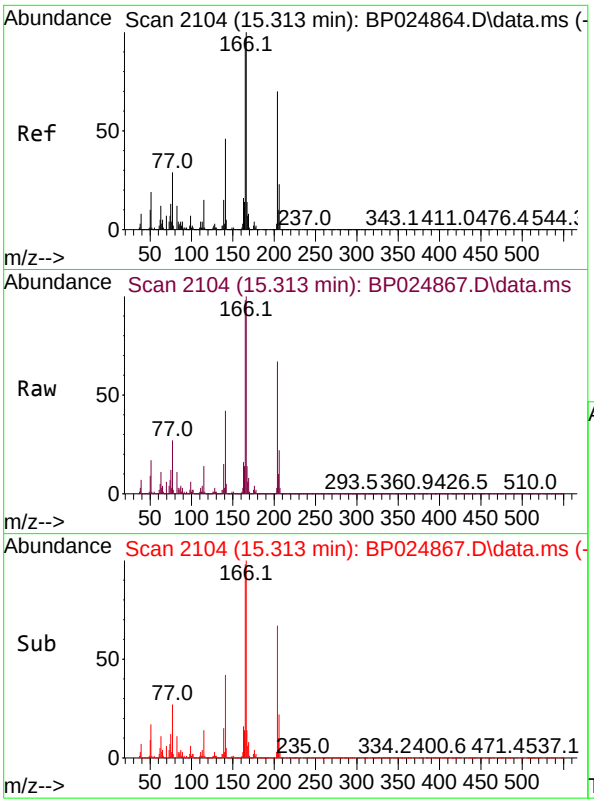


#60
Diethylphthalate
Concen: 78.844 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 3799279

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.8	9.8	14.6



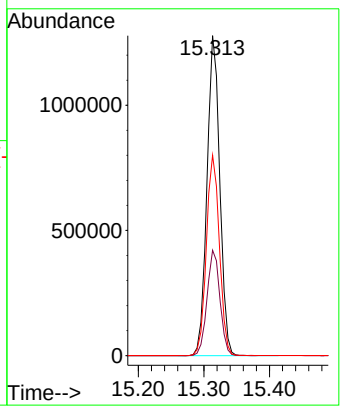


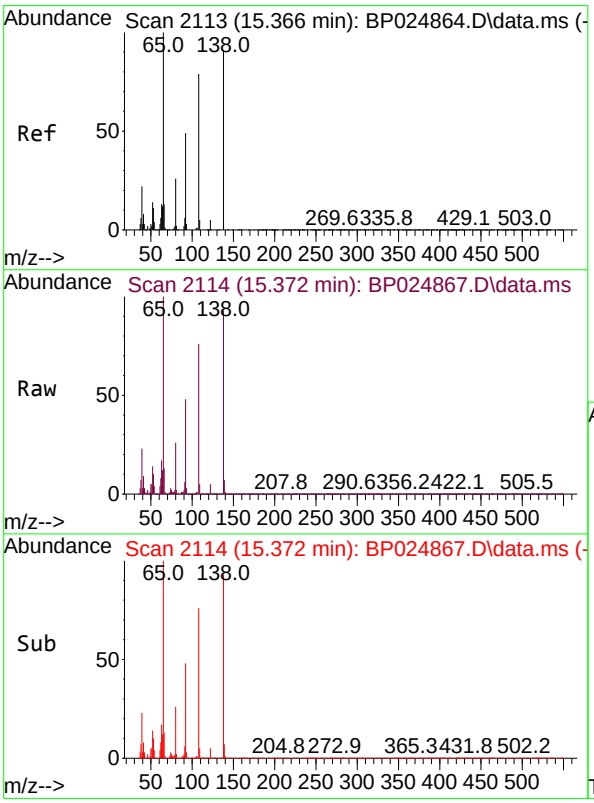
#61
4-Chlorophenyl-phenylether
Concen: 77.784 ng
RT: 15.313 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 1725059

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	62.6	52.4	78.6

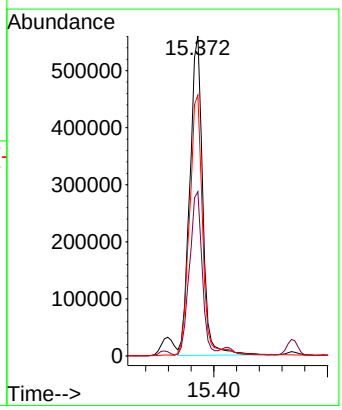


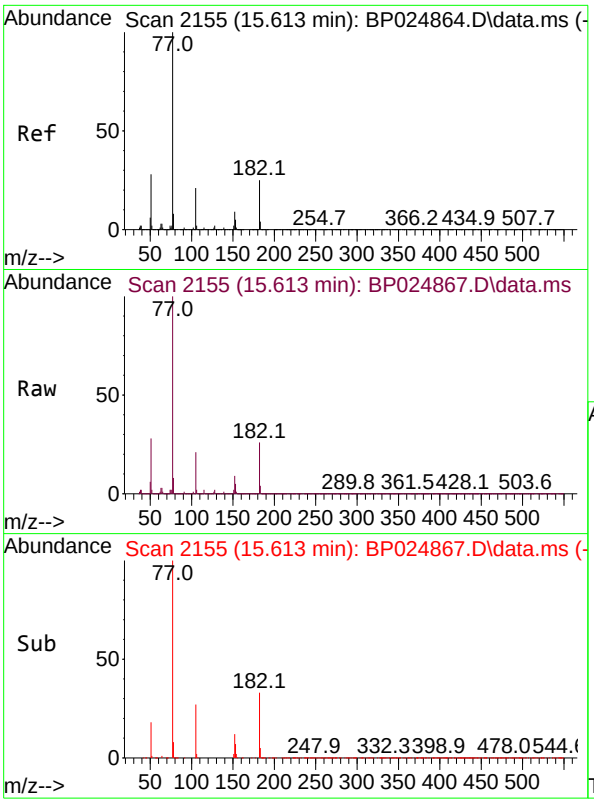


#62
4-Nitroaniline
Concen: 89.199 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:138 Resp: 875375

Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.5	73.5
108	81.5	65.1	105.1



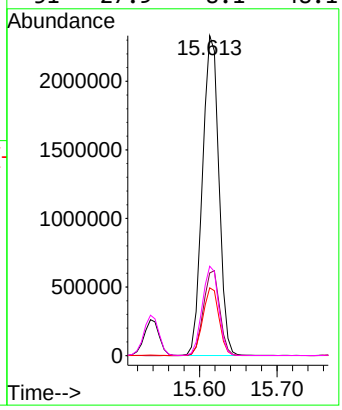


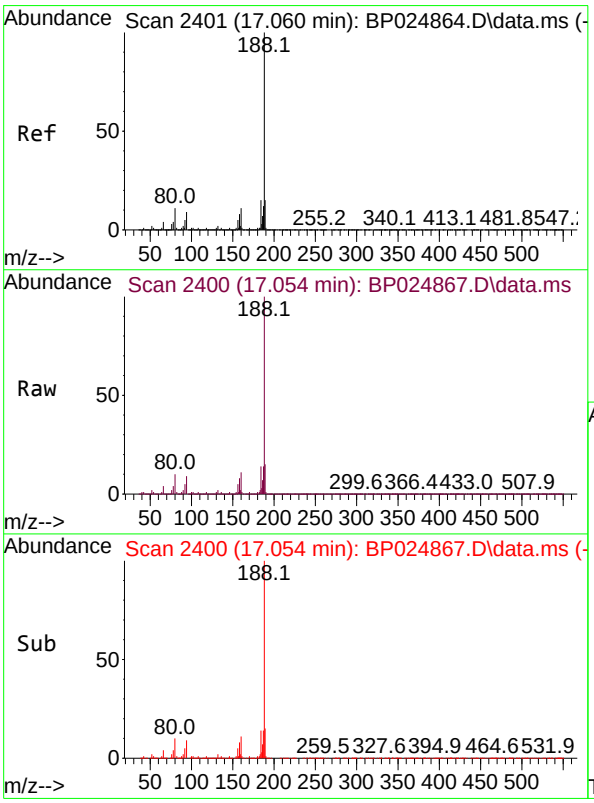
#63
Azobenzene
Concen: 77.538 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 3426736

Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.4	45.4
105	21.2	0.8	40.8
51	27.9	8.1	48.1

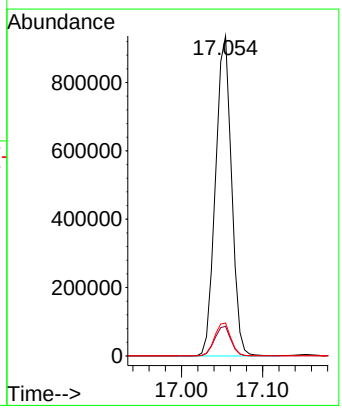


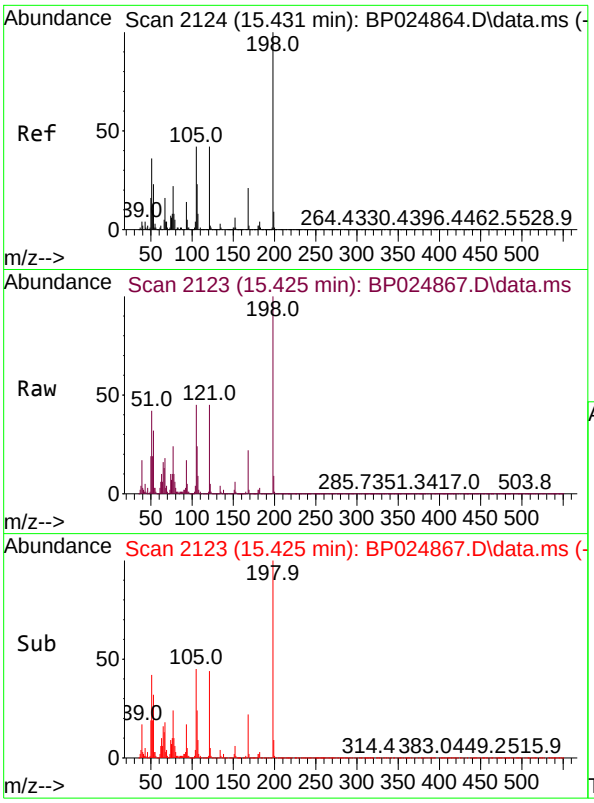


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:188 Resp: 1282325

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.3	8.5	12.7



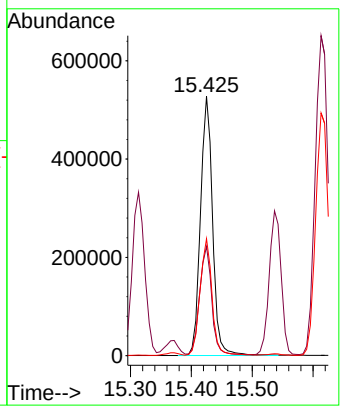


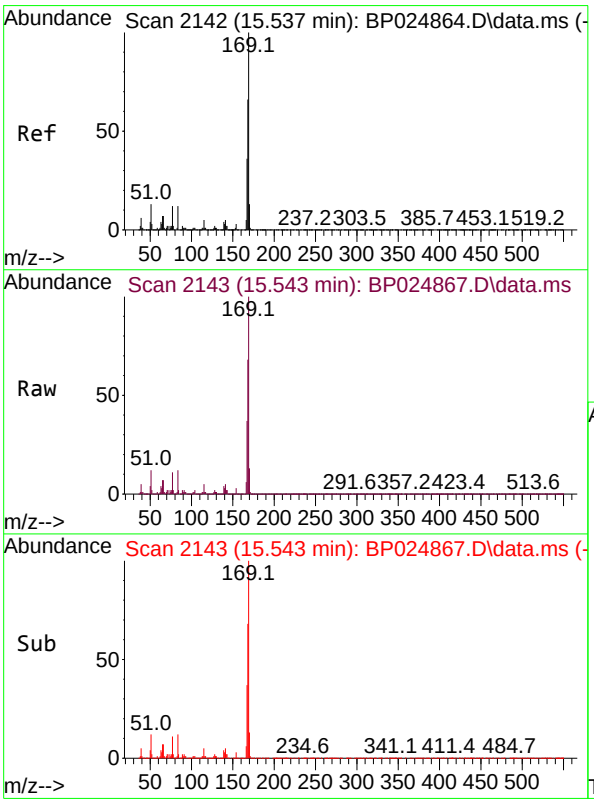
#65
4,6-Dinitro-2-methylphenol
Concen: 86.490 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 728771

Ion	Ratio	Lower	Upper
198	100		
51	42.1	19.2	59.2
105	45.1	22.6	62.6

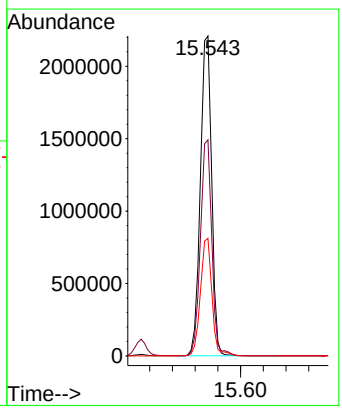


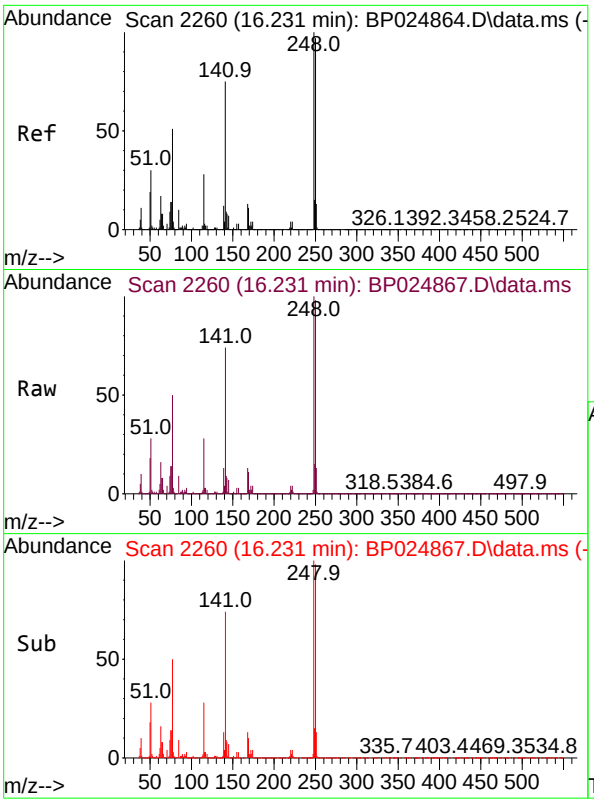


#66
n-Nitrosodiphenylamine
Concen: 76.603 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:169 Resp: 3044661

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.0	79.6
167	36.7	28.6	43.0



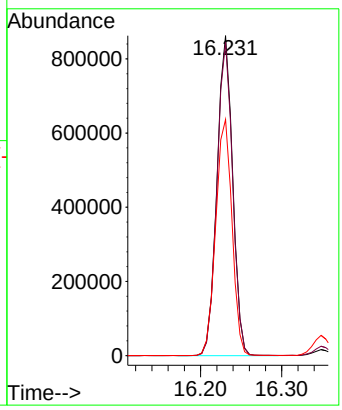


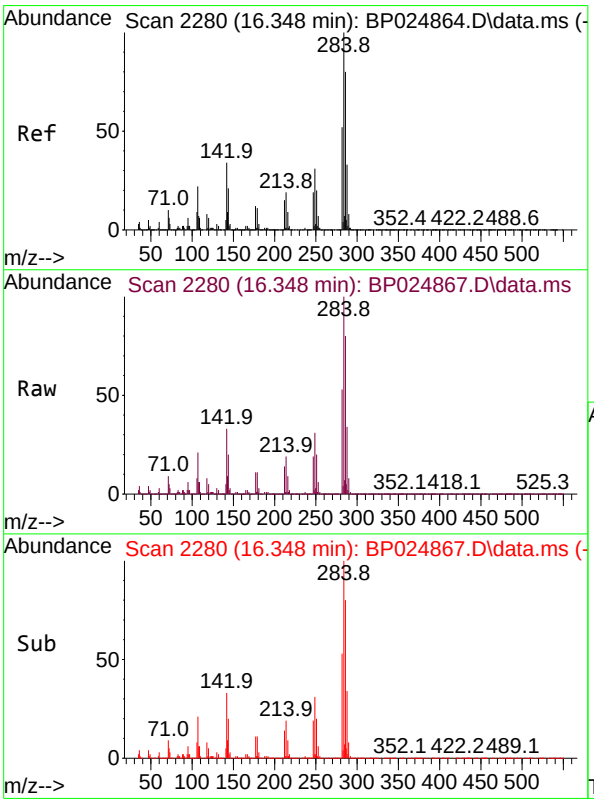
#67
4-Bromophenyl-phenylether
Concen: 80.026 ng
RT: 16.231 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1157878

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.2
141	73.8	59.9	89.9

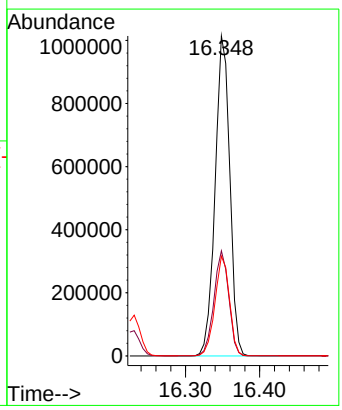


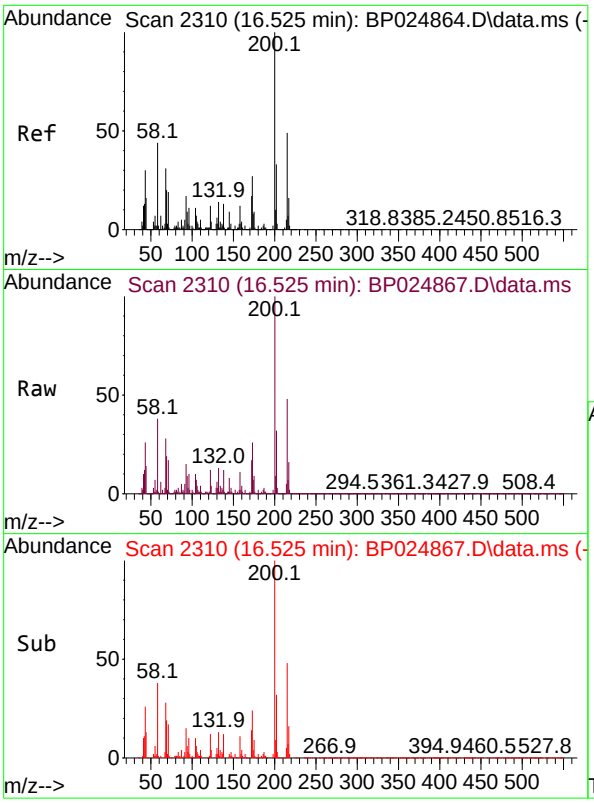


#68
Hexachlorobenzene
Concen: 79.535 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:284 Resp: 1395074

Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.0	40.6
249	31.2	25.0	37.6



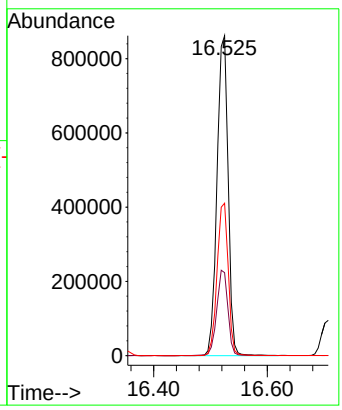


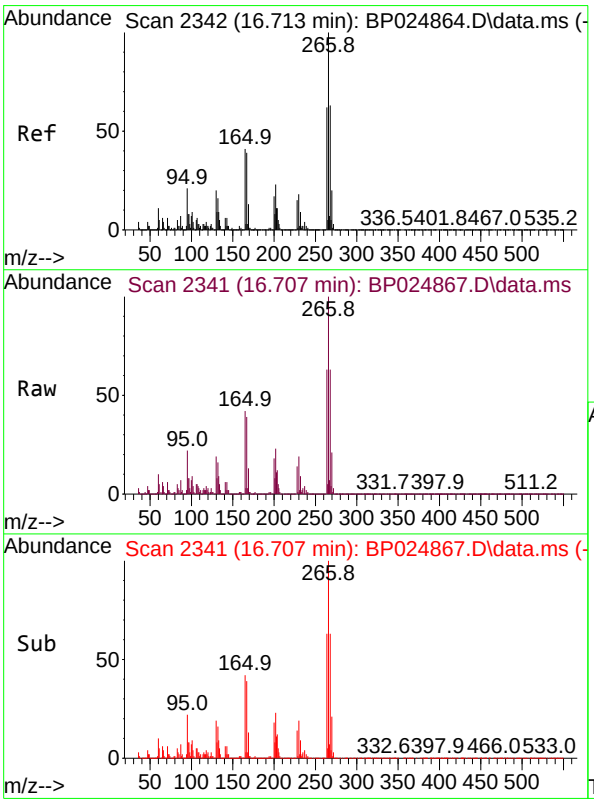
#69
Atrazine
Concen: 81.114 ng
RT: 16.525 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 1168753

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.9	46.9
215	47.6	28.7	68.7

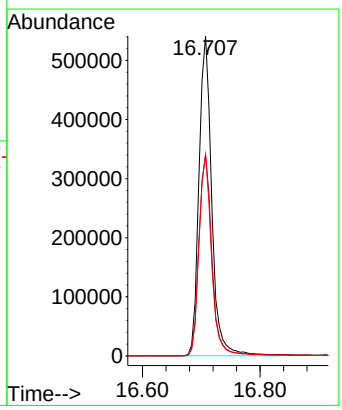


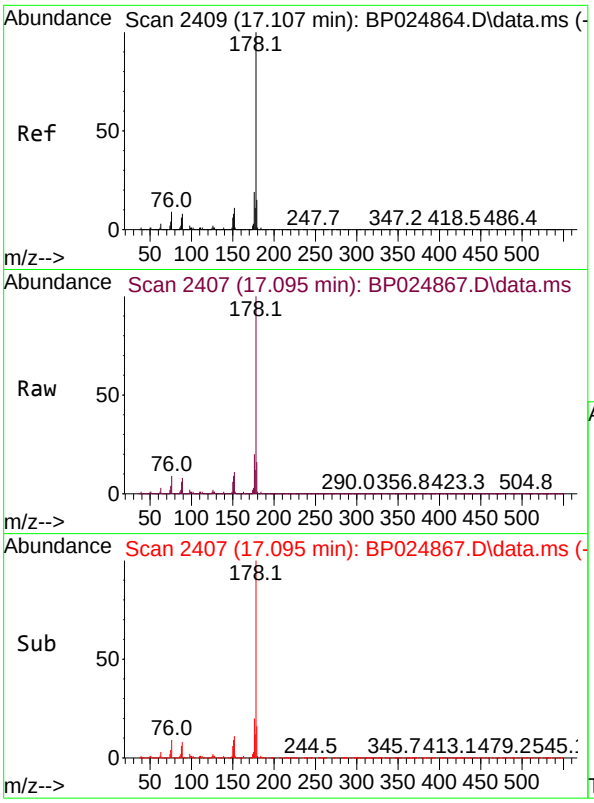


#70
Pentachlorophenol
Concen: 90.003 ng
RT: 16.707 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:266 Resp: 817045

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.6	76.0
264	63.0	49.7	74.5



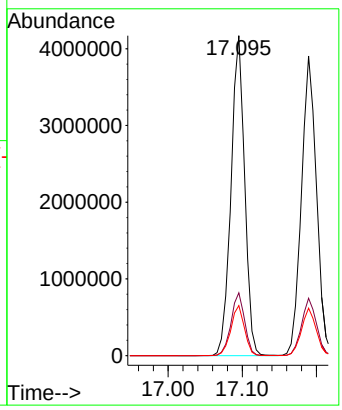


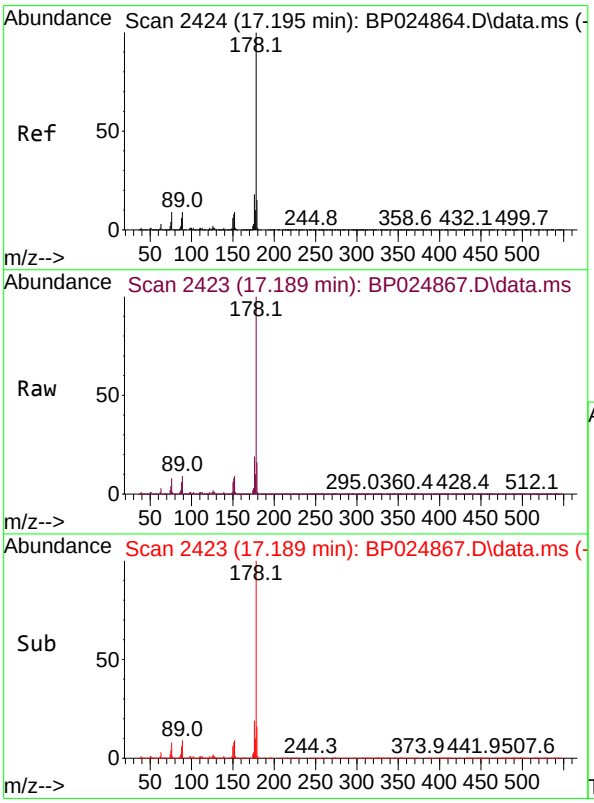
#71
Phenanthrene
Concen: 75.365 ng
RT: 17.095 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5340604

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.6	12.1	18.1

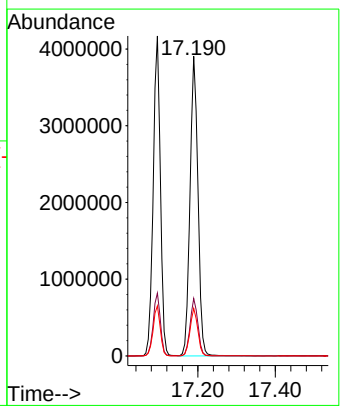


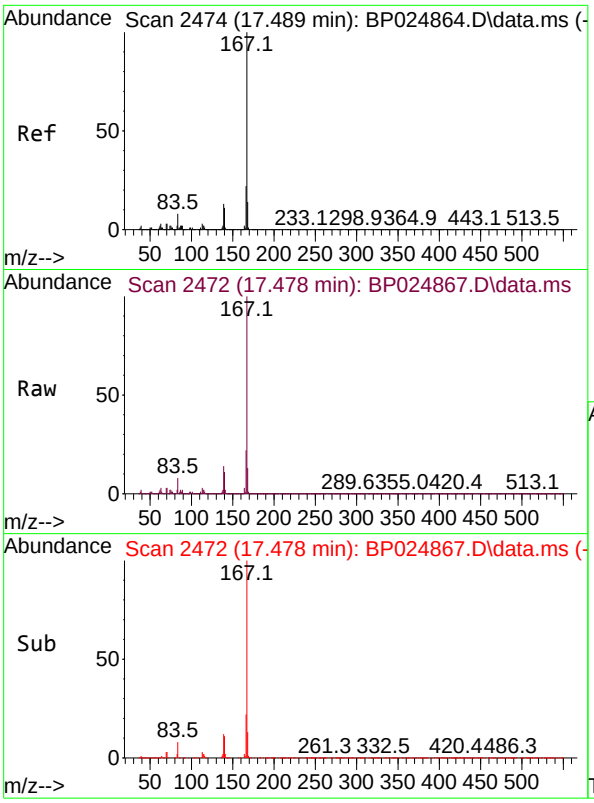


#72
Anthracene
Concen: 77.415 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:178 Resp: 5555906

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	15.8	12.3	18.5



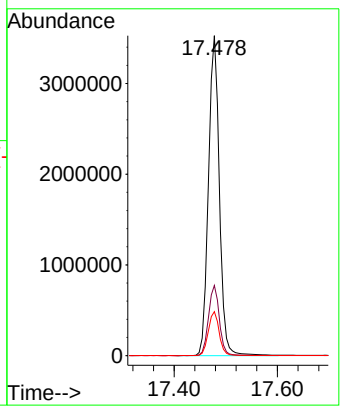


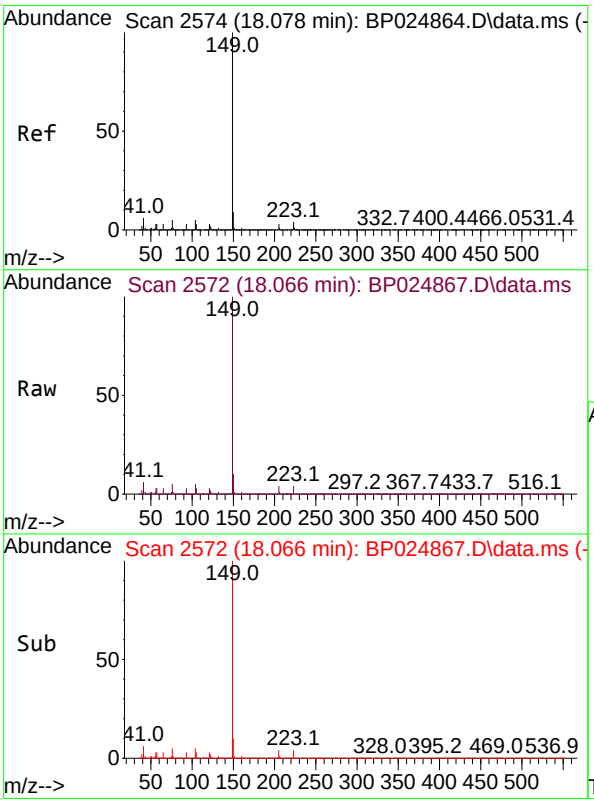
#73
Carbazole
Concen: 77.661 ng
RT: 17.478 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 5166153

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.7	10.8	16.2

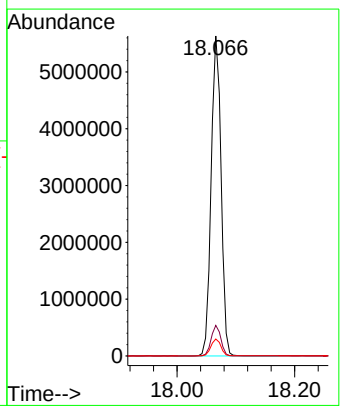


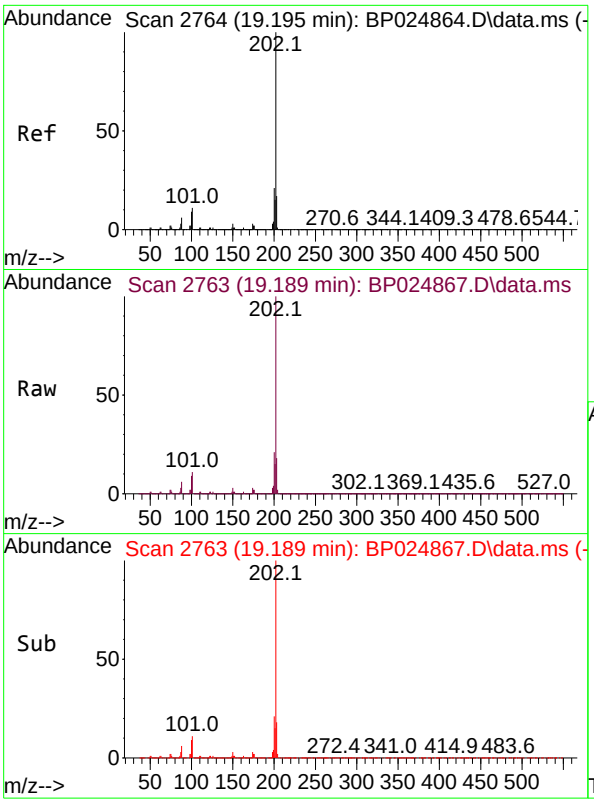


#74
Di-n-butylphthalate
Concen: 79.879 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 6583572

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.3	4.2	6.2



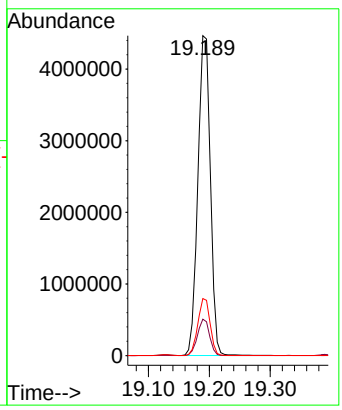


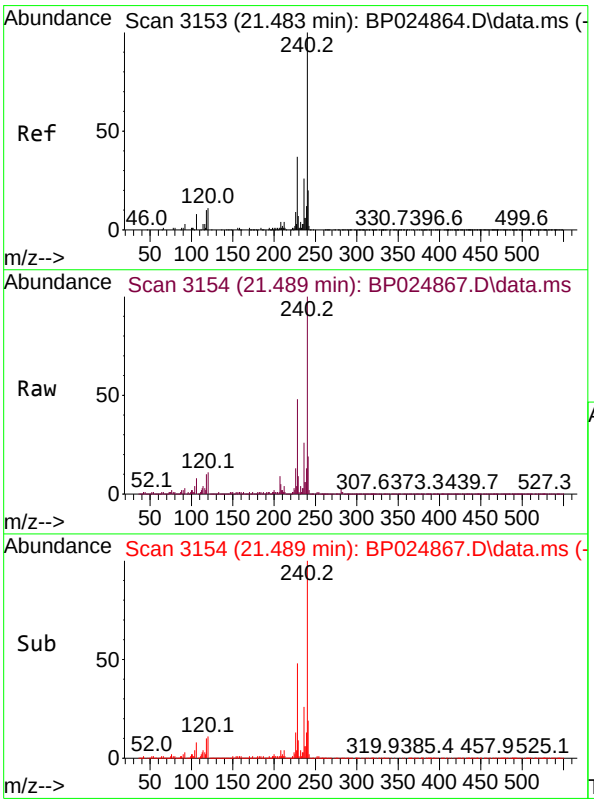
#75
Fluoranthene
Concen: 77.333 ng
RT: 19.189 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6351620

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.8	0.0	37.5

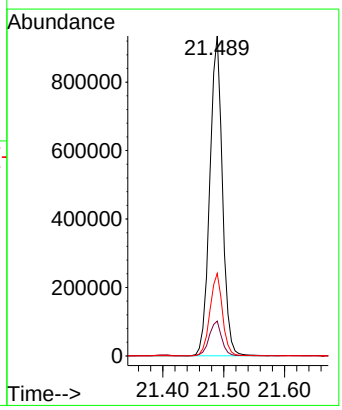


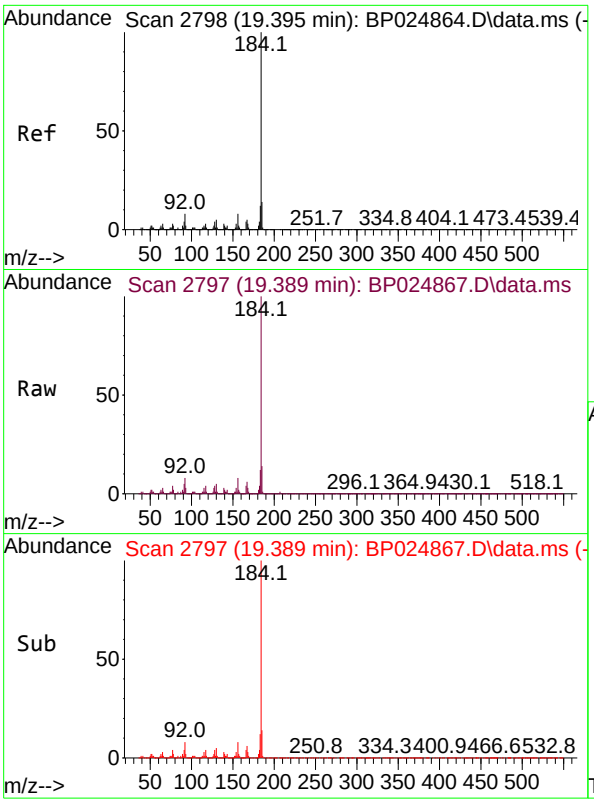


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:240 Resp: 1346775

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.8	20.9	31.3



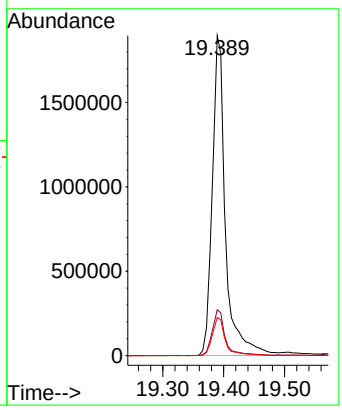


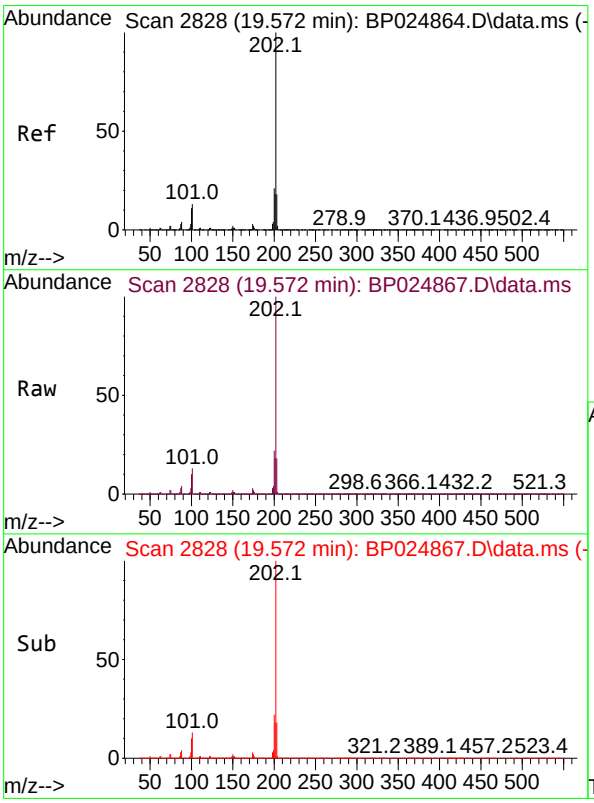
#77
Benzidine
Concen: 68.307 ng
RT: 19.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 2849177

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.0
183	11.9	9.5	14.3

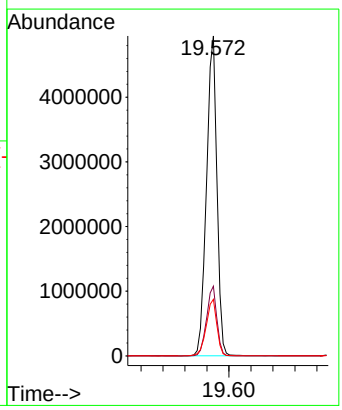


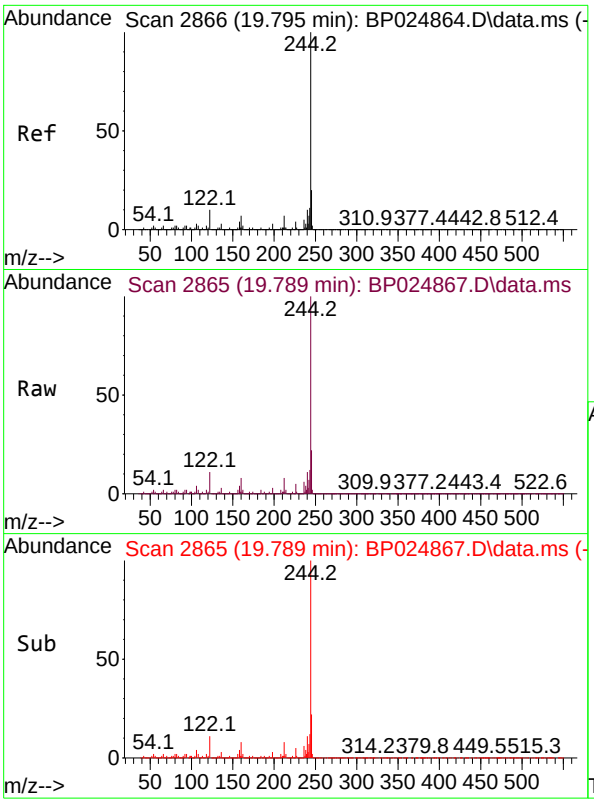


#78
Pyrene
Concen: 77.229 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:202 Resp: 6497989

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.7	14.0	21.0



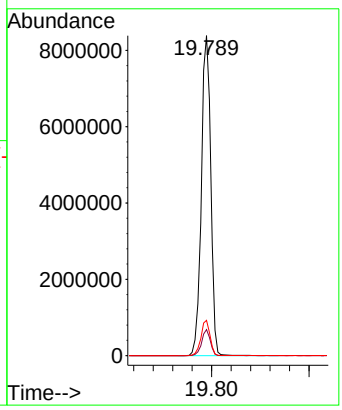


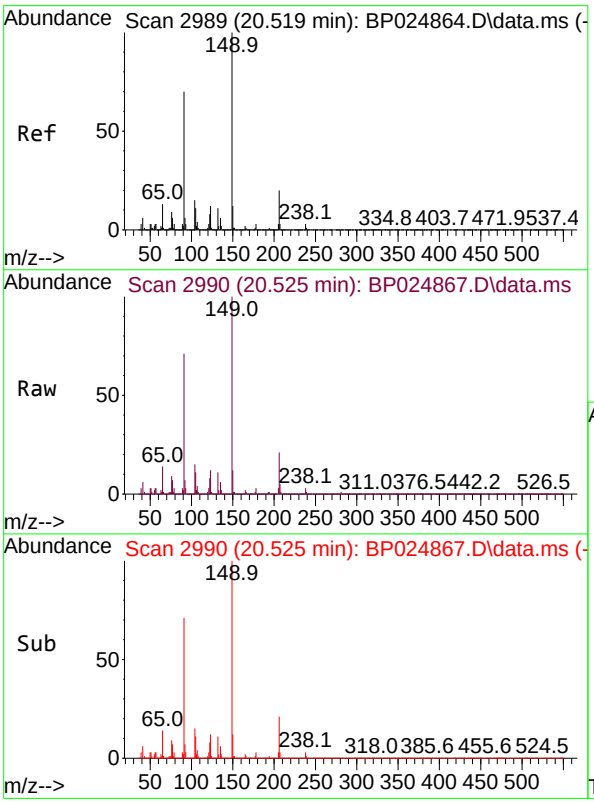
#79
Terphenyl-d14
Concen: 148.975 ng
RT: 19.789 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:11194678

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.6	8.4
122	11.0	7.7	11.5

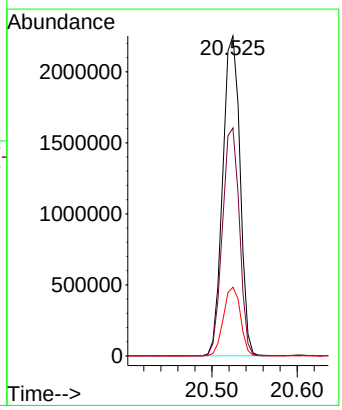


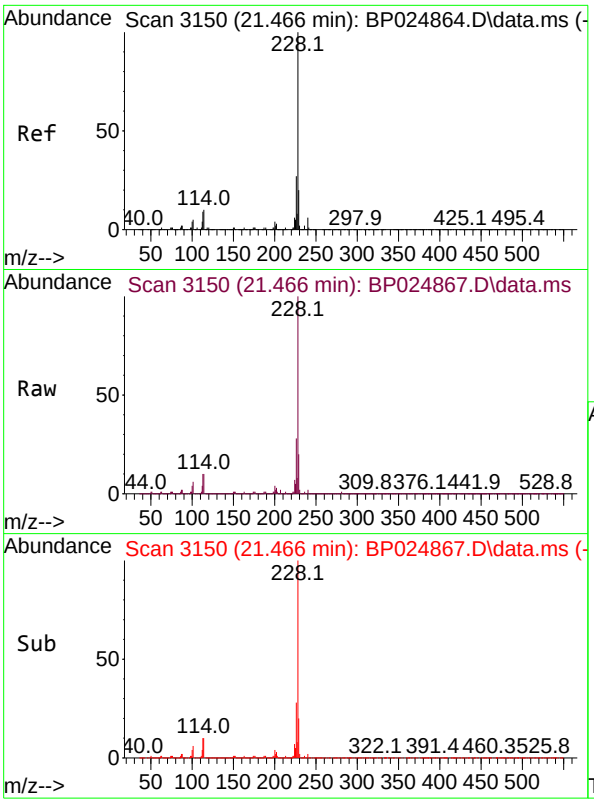


#80
Butylbenzylphthalate
Concen: 82.388 ng
RT: 20.525 min Scan# 2990
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 3175233

Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.8	83.8
206	21.5	16.2	24.2



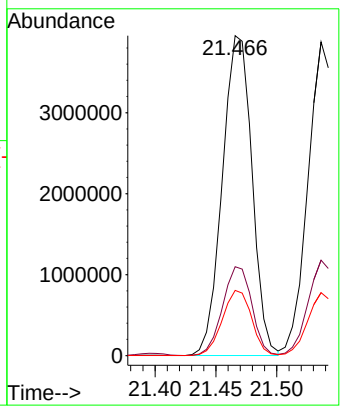


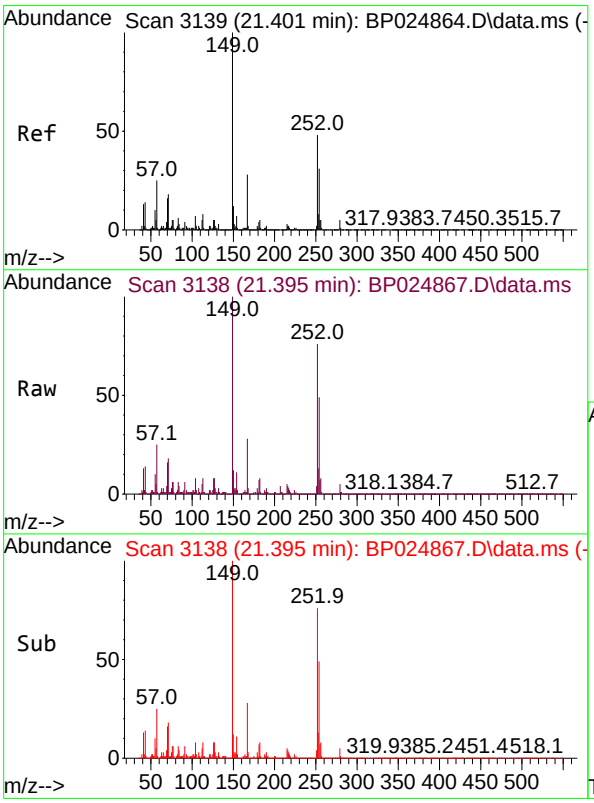
#81
Benzo(a)anthracene
Concen: 77.741 ng
RT: 21.466 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6696396

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.4	15.9	23.9

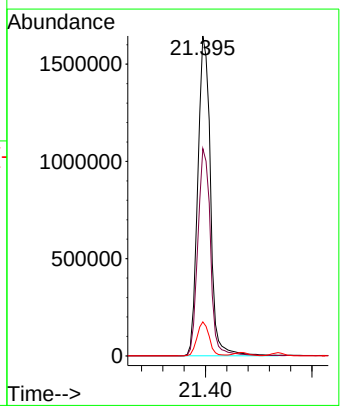


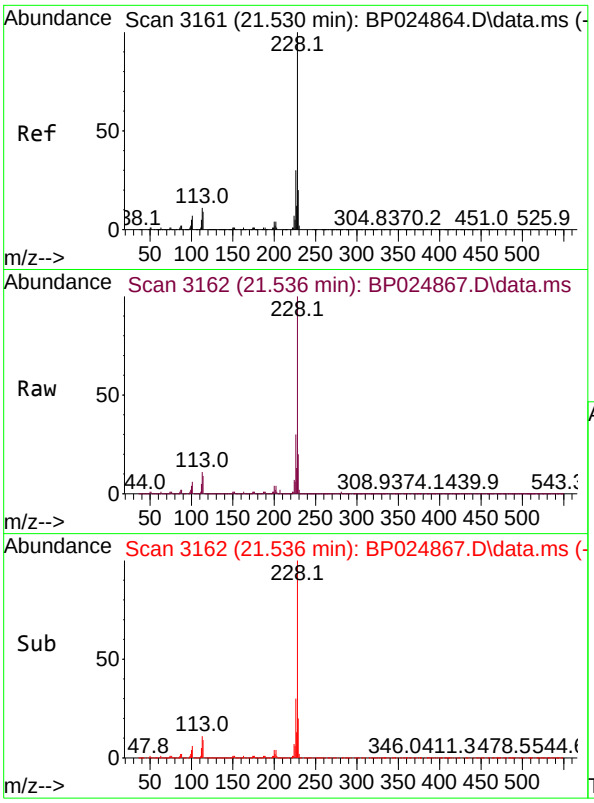


#82
3,3'-Dichlorobenzidine
Concen: 78.907 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 2698352

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	10.6	8.6	12.8



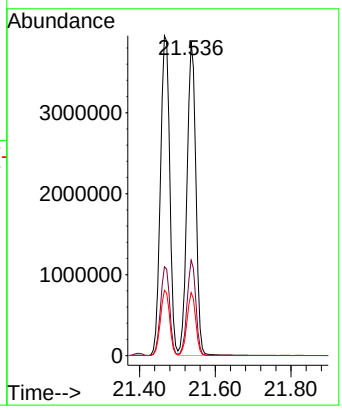


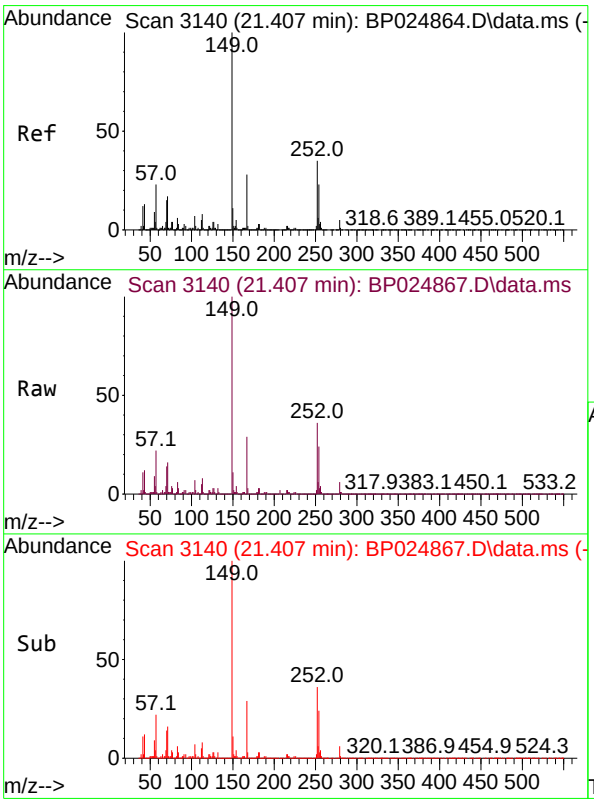
#83
Chrysene
Concen: 77.125 ng
RT: 21.536 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6294743

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	20.1	15.6	23.4

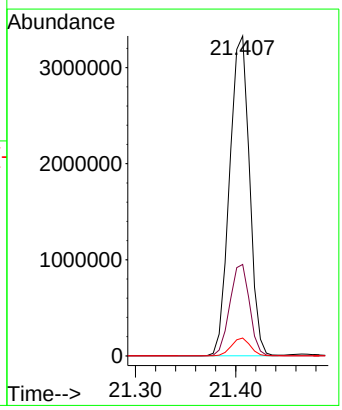


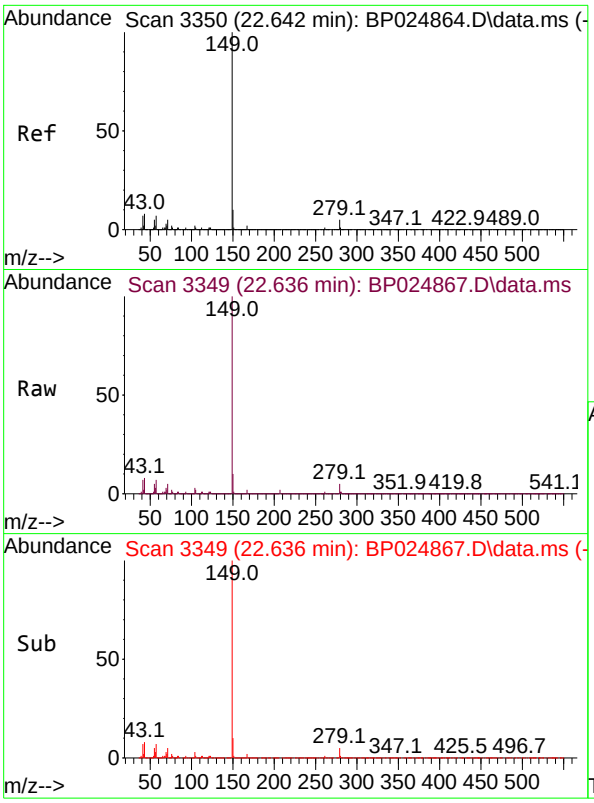


#84
Bis(2-ethylhexyl)phthalate
Concen: 82.917 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 4578538

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	5.6	4.0	6.0



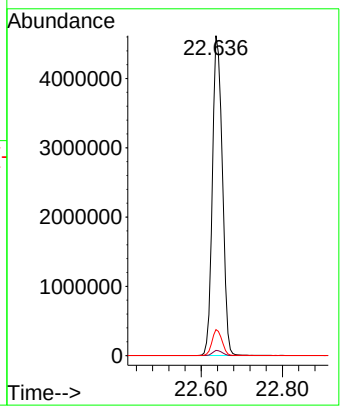


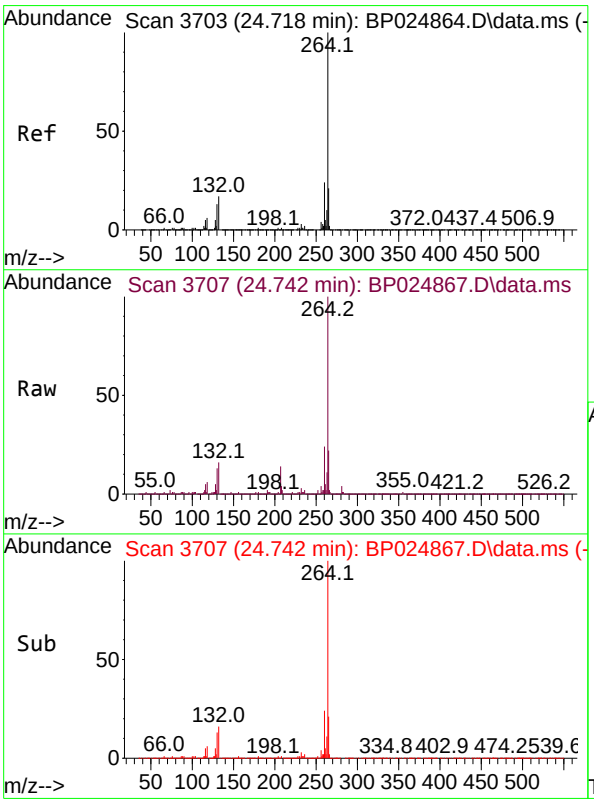
#85
Di-n-octyl phthalate
Concen: 81.539 ng
RT: 22.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 7936082

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.6	10.0

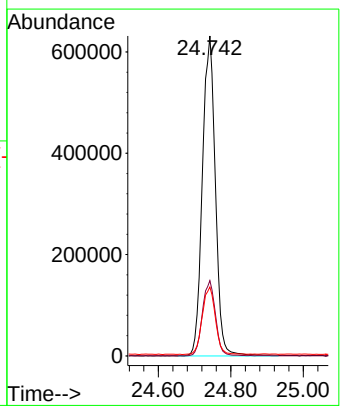


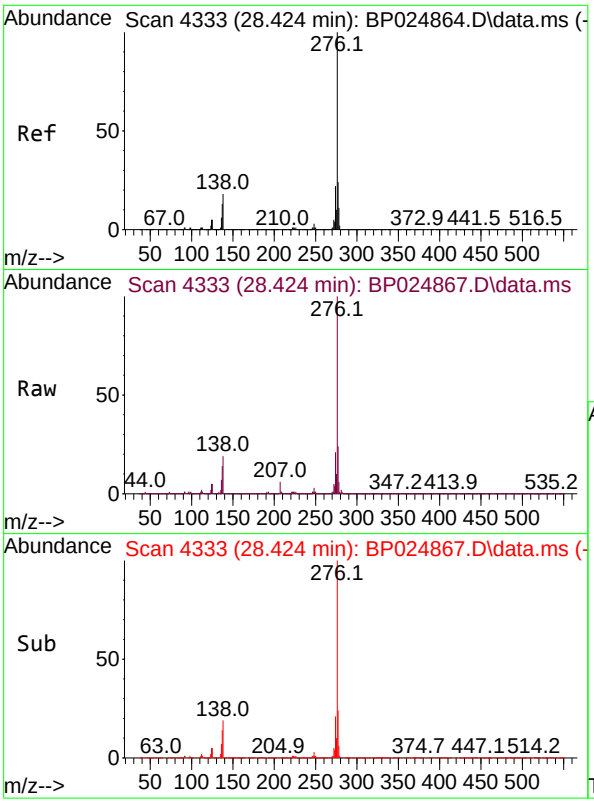


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.024 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:264 Resp: 1568664

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.4	26.0



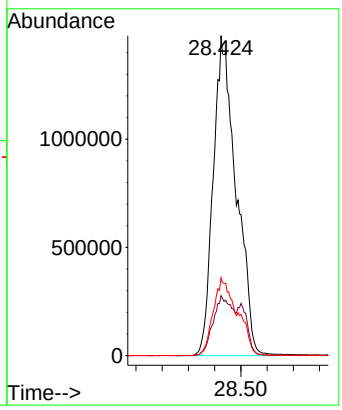


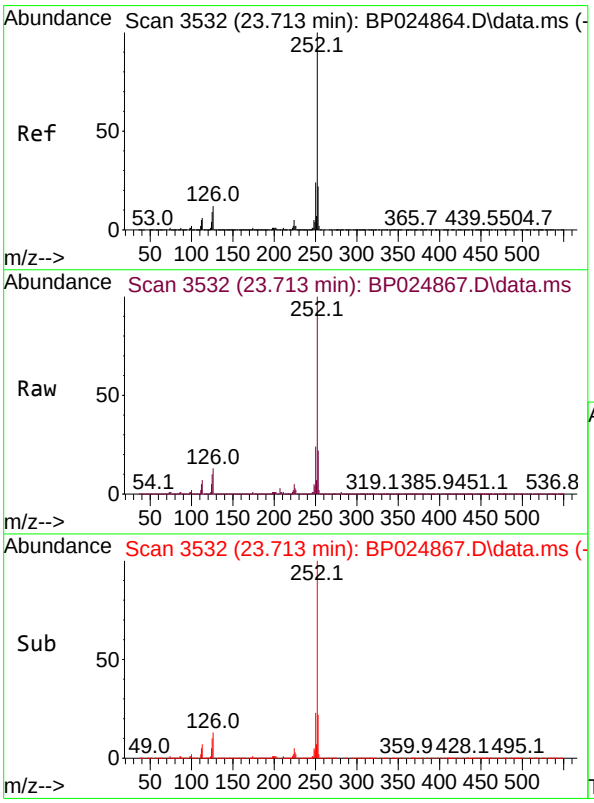
#87
Indeno(1,2,3-cd)pyrene
Concen: 78.751 ng
RT: 28.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 9013339

Ion	Ratio	Lower	Upper
276	100		
138	16.1	18.6	27.8#
277	25.4	20.2	30.4

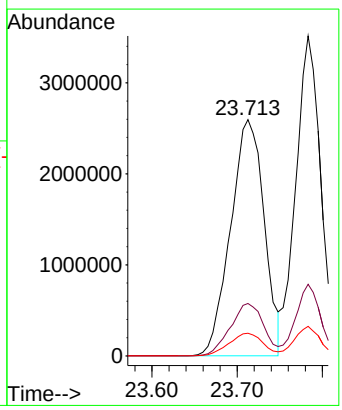


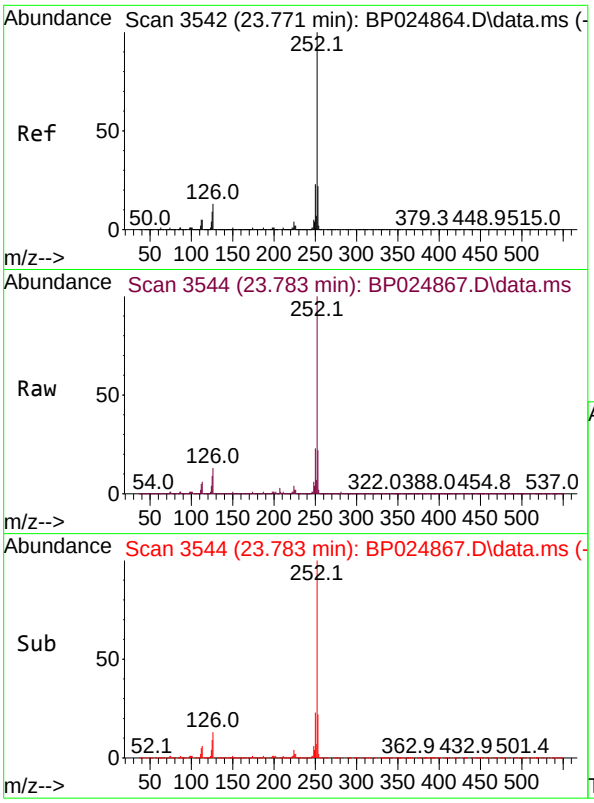


#88
Benzo(b)fluoranthene
Concen: 79.224 ng
RT: 23.713 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 7112180

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.6	7.1	10.7



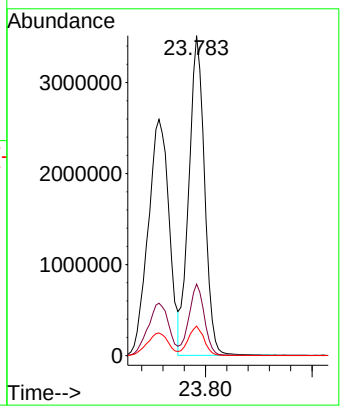


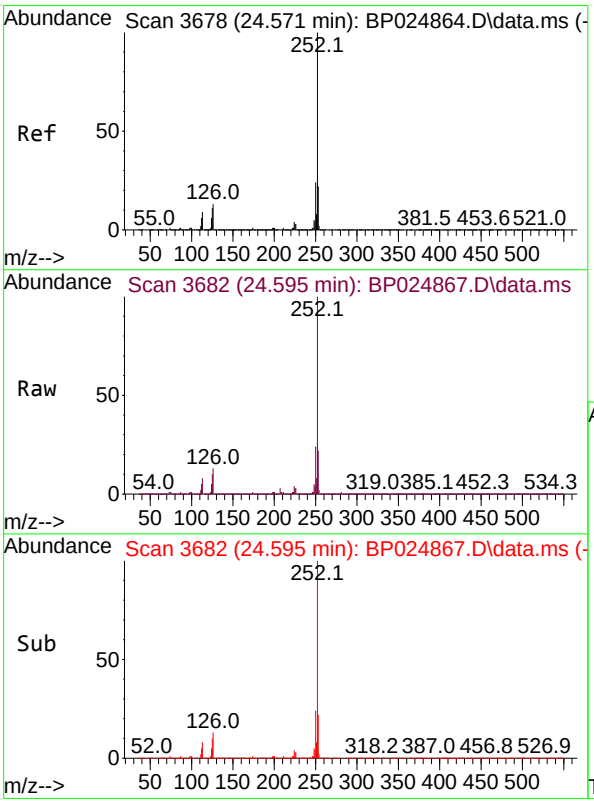
#89
Benzo(k)fluoranthene
Concen: 78.564 ng
RT: 23.783 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 7179421

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.3	7.4	11.0

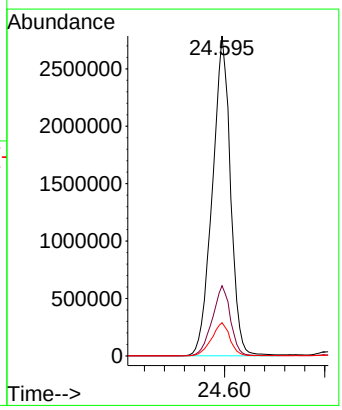


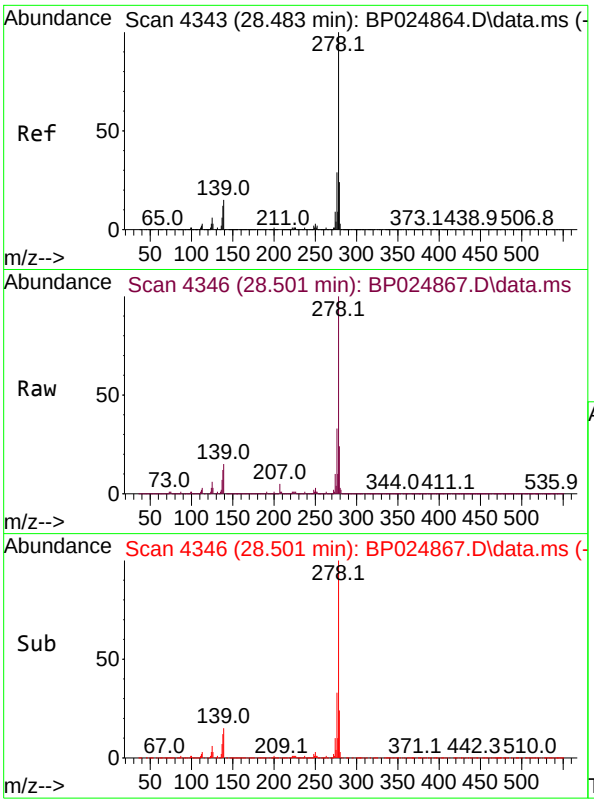


#90
Benzo(a)pyrene
Concen: 79.653 ng
RT: 24.595 min Scan# 3682
Delta R.T. 0.024 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 6983429

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.8	13.2



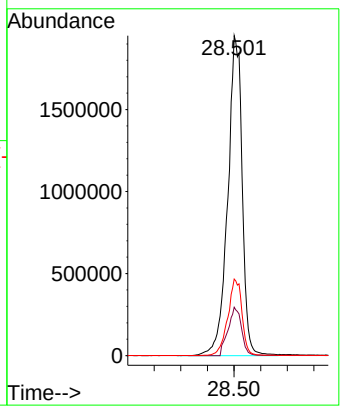


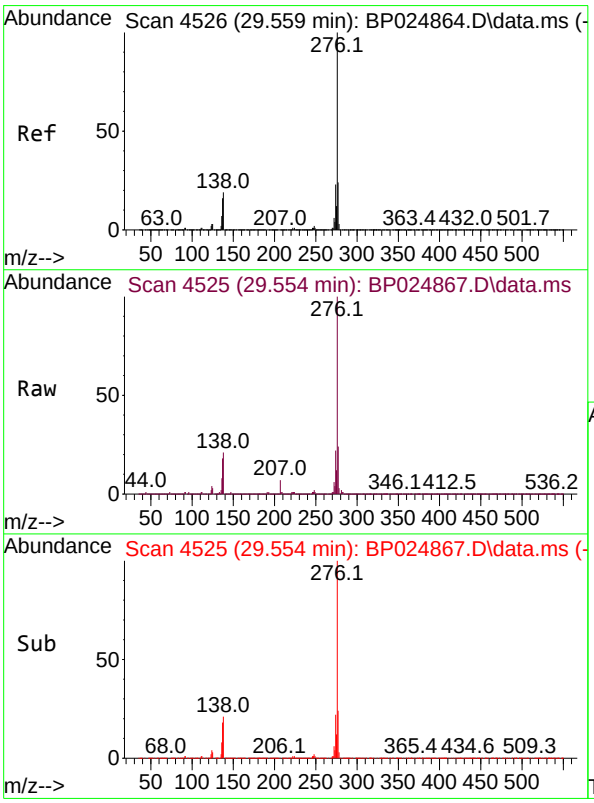
#91
Dibenzo(a,h)anthracene
Concen: 78.965 ng
RT: 28.501 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 7356566

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.9	19.1	28.7

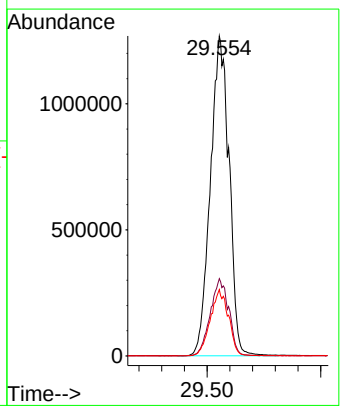




#92
Benzo(g,h,i)perylene
Concen: 78.545 ng
RT: 29.554 min Scan# 4525
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:276 Resp: 7260298

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	20.7	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.596	152	259470	20.000	ng		-0.02
21) Naphthalene-d8	10.366	136	1129880	20.000	ng		-0.01
39) Acenaphthene-d10	14.248	164	734874	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1466437	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1557824	20.000	ng		0.00
86) Perylene-d12	24.736	264	1860226	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.231	112	1138471	73.239	ng		-0.01
7) Phenol-d6	6.802	99	1573129	76.488	ng		-0.01
23) Nitrobenzene-d5	8.749	82	1561363	67.150	ng		-0.01
42) 2,4,6-Tribromophenol	15.778	330	743311	73.160	ng		0.00
45) 2-Fluorobiphenyl	12.848	172	3405857	62.434	ng		-0.01
79) Terphenyl-d14	19.789	244	5436960	62.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	241705	35.338	ng		98
3) Pyridine	3.555	79	659477	40.092	ng		98
4) n-Nitrosodimethylamine	3.467	42	278482	41.411	ng		94
6) Aniline	6.937	93	1054913	40.192	ng		100
8) 2-Chlorophenol	7.172	128	687858	39.034	ng		97
9) Benzaldehyde	6.755	77	576121m	48.599	ng		
10) Phenol	6.825	94	845877	39.895	ng		98
11) bis(2-Chloroethyl)ether	7.031	93	656501	39.368	ng		99
12) 1,3-Dichlorobenzene	7.490	146	735256	37.402	ng		99
13) 1,4-Dichlorobenzene	7.631	146	742188	37.417	ng		99
14) 1,2-Dichlorobenzene	7.943	146	722064	37.071	ng		99
15) Benzyl Alcohol	7.843	79	644939	40.859	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	849644	38.927	ng		98
17) 2-Methylphenol	8.055	107	591959	39.981	ng		98
18) Hexachloroethane	8.660	117	277433	37.151	ng		98
19) n-Nitroso-di-n-propyla...	8.402	70	559389	40.009	ng		99
20) 3+4-Methylphenols	8.384	107	797217	39.466	ng		99
22) Acetophenone	8.419	105	1100455	38.549	ng	#	99
24) Nitrobenzene	8.790	77	810932	39.258	ng		99
25) Isophorone	9.313	82	1576033	39.109	ng		99
26) 2-Nitrophenol	9.496	139	403179	39.558	ng		99
27) 2,4-Dimethylphenol	9.566	122	676106	38.761	ng		99
28) bis(2-Chloroethoxy)met...	9.784	93	921897	38.351	ng		99
29) 2,4-Dichlorophenol	10.043	162	653496	39.046	ng		99
30) 1,2,4-Trichlorobenzene	10.231	180	689288	36.514	ng		100
31) Naphthalene	10.413	128	2147539	37.089	ng		100
32) Benzoic acid	9.749	122	476446	40.420	ng		99
33) 4-Chloroaniline	10.543	127	960185	39.581	ng		99
34) Hexachlorobutadiene	10.696	225	413168	36.314	ng		100
35) Caprolactam	11.337	113	254008	41.229	ng		98
36) 4-Chloro-3-methylphenol	11.690	107	781340	40.474	ng		100
37) 2-Methylnaphthalene	12.037	142	1411483	38.430	ng		99
38) 1-Methylnaphthalene	12.254	142	1479329	37.674	ng		97
40) 1,2,4,5-Tetrachloroben...	12.413	216	774379	37.136	ng		100
41) Hexachlorocyclopentadiene	12.384	237	485560	38.177	ng		97
43) 2,4,6-Trichlorophenol	12.666	196	543521	38.812	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	585859	39.064	ng	99
46) 1,1'-Biphenyl	13.066	154	2002791	37.502	ng	99
47) 2-Chloronaphthalene	13.107	162	1514031	36.886	ng	100
48) 2-Nitroaniline	13.331	65	515024	40.813	ng	99
49) Acenaphthylene	13.966	152	2551023	37.274	ng	100
50) Dimethylphthalate	13.707	163	2015820	37.185	ng	99
51) 2,6-Dinitrotoluene	13.831	165	445393	38.111	ng	95
52) Acenaphthene	14.313	154	1469566	37.472	ng	98
53) 3-Nitroaniline	14.172	138	492714	40.626	ng	100
54) 2,4-Dinitrophenol	14.401	184	266900	38.197	ng	98
55) Dibenzofuran	14.660	168	2304340	36.605	ng	98
56) 4-Nitrophenol	14.531	139	362887	38.363	ng	94
57) 2,4-Dinitrotoluene	14.637	165	636513	38.936	ng	99
58) Fluorene	15.319	166	1883765	37.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	514561	38.401	ng	100
60) Diethylphthalate	15.101	149	2033664	37.642	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	915384	36.814	ng	98
62) 4-Nitroaniline	15.366	138	464418	42.233	ng	99
63) Azobenzene	15.619	77	1893664	38.217	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	375376	38.956	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1674745	36.846	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	593842	35.890	ng	98
68) Hexachlorobenzene	16.348	284	725771	36.182	ng	100
69) Atrazine	16.531	200	611440	37.108	ng	99
70) Pentachlorophenol	16.719	266	407441	39.247	ng	99
71) Phenanthrene	17.107	178	2965530	36.595	ng	99
72) Anthracene	17.207	178	3028697	36.903	ng	99
73) Carbazole	17.489	167	2872120	37.755	ng	100
74) Di-n-butylphthalate	18.072	149	3440228	36.500	ng	100
75) Fluoranthene	19.195	202	3413021	36.337	ng	100
77) Benzidine	19.395	184	2156506	44.696	ng	100
78) Pyrene	19.572	202	3527120	36.241	ng	99
80) Butylbenzylphthalate	20.519	149	1664895	37.347	ng	99
81) Benzo(a)anthracene	21.472	228	3660732	36.741	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1487801	37.613	ng	98
83) Chrysene	21.536	228	3438391	36.421	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2365859	37.041	ng	100
85) Di-n-octyl phthalate	22.642	149	4126479	36.654	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	5100289	37.578	ng	100
88) Benzo(b)fluoranthene	23.718	252	3910900	36.735	ng	99
89) Benzo(k)fluoranthene	23.795	252	3904662	36.032	ng	100
90) Benzo(a)pyrene	24.595	252	3839776	36.932	ng	100
91) Dibenzo(a,h)anthracene	28.501	278	4123111	37.321	ng	99
92) Benzo(g,h,i)perylene	29.577	276	4097986	37.385	ng	99

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

ICAL Form

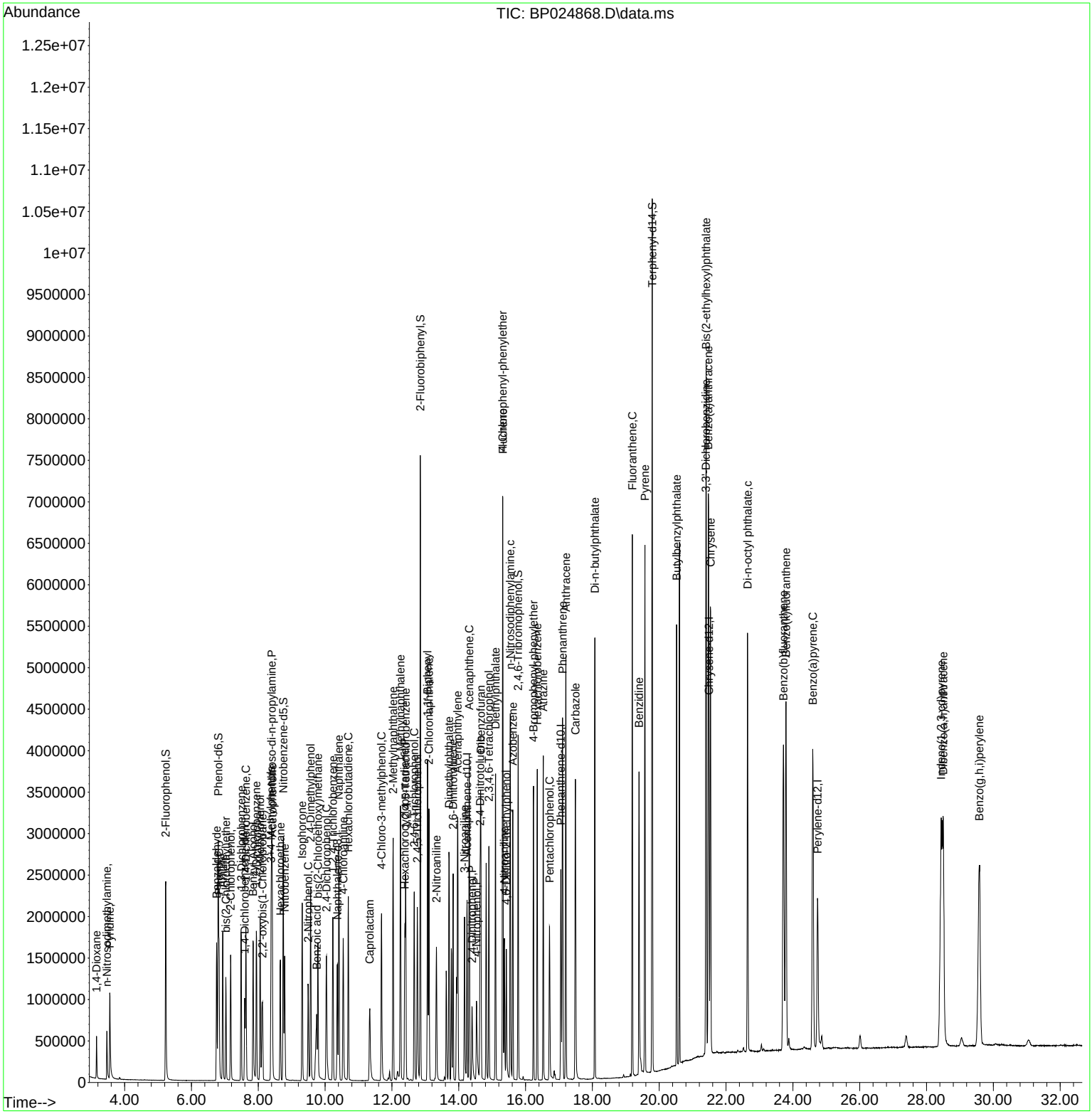
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

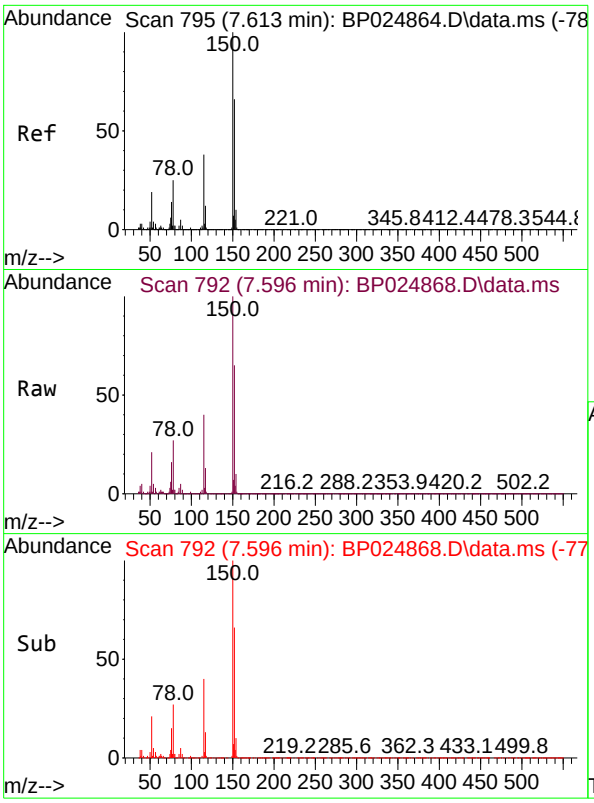
Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

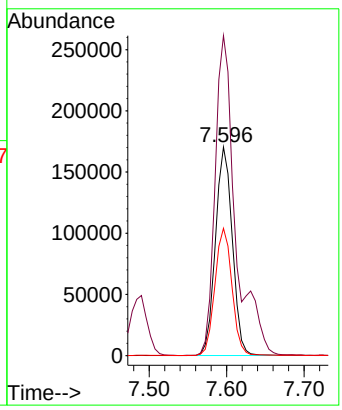




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.596 min Scan# 79
Delta R.T. -0.017 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:152 Resp: 25947

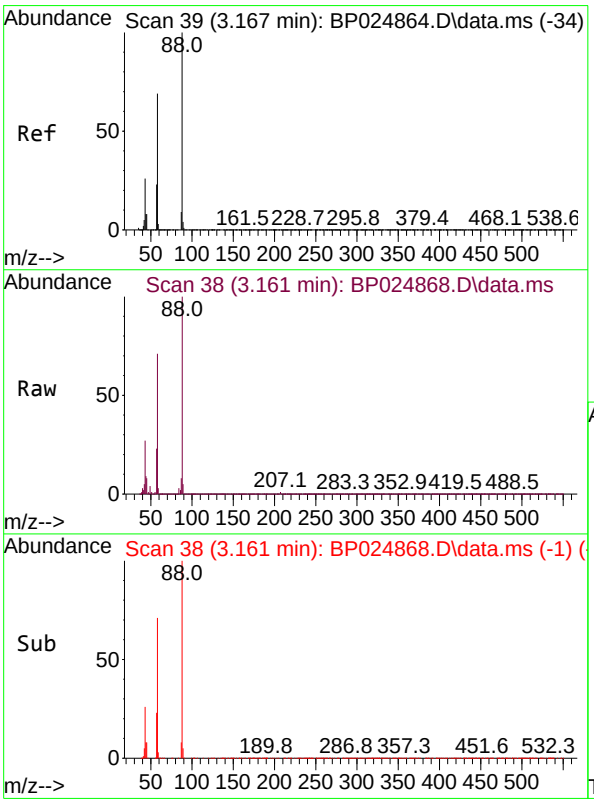
Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.1	183.1
115	61.0	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

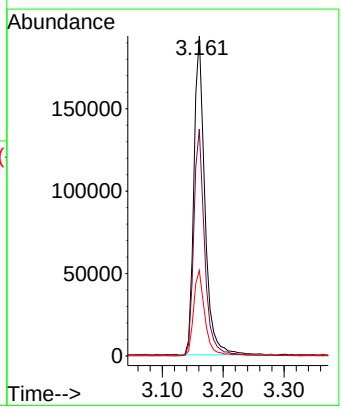
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

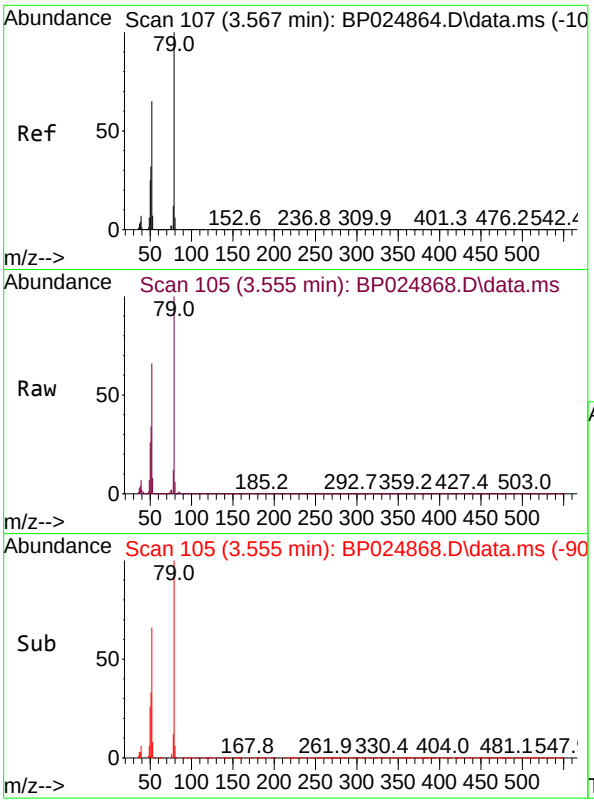


#2
1,4-Dioxane
Concen: 35.338 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 88 Resp: 241705

Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.4	83.0
43	27.0	20.8	31.2

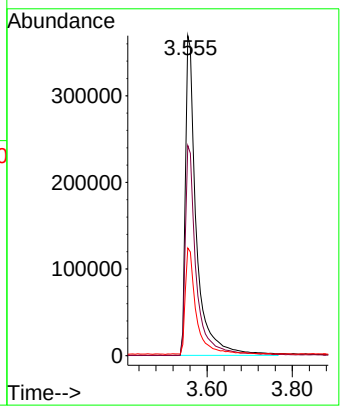




#3
Pyridine
Concen: 40.092 ng
RT: 3.555 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 79 Resp: 6594

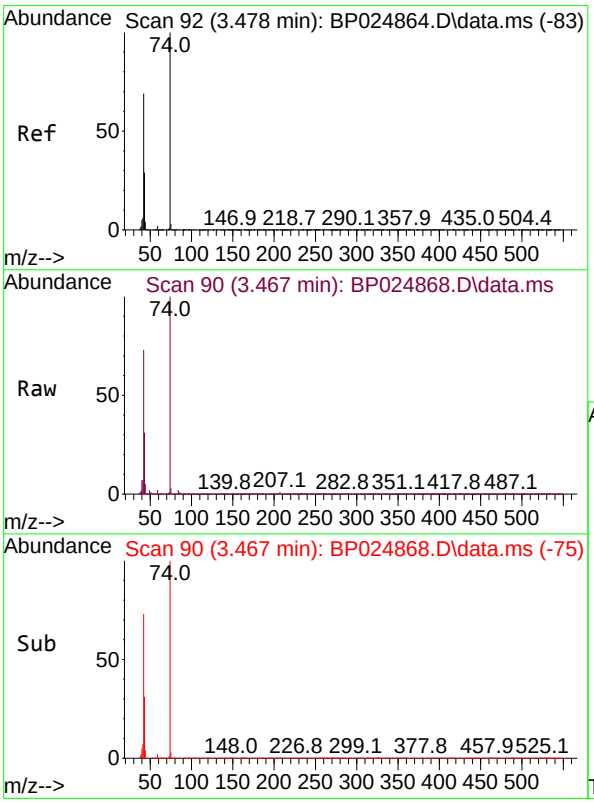
Ion	Ratio	Lower	Upper
79	100		
52	65.6	51.6	77.4
51	33.6	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

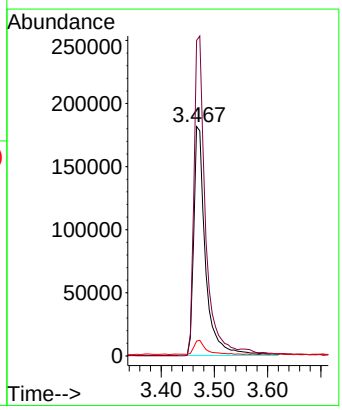
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

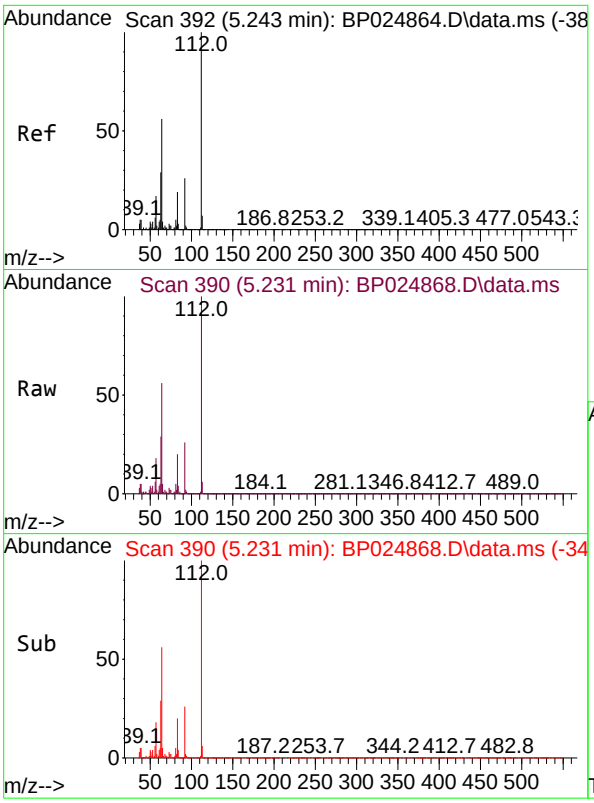


#4
n-Nitrosodimethylamine
Concen: 41.411 ng
RT: 3.467 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 42 Resp: 278482

Ion	Ratio	Lower	Upper
42	100		
74	137.6	116.6	174.8
44	6.4	5.4	8.0

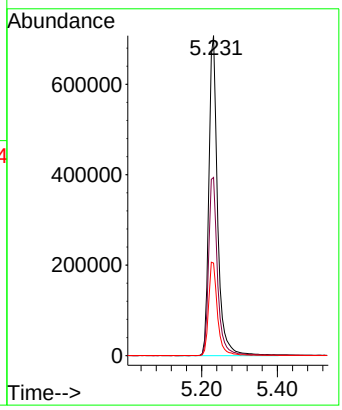




#5
2-Fluorophenol
Concen: 73.239 ng
RT: 5.231 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:112 Resp: 113847

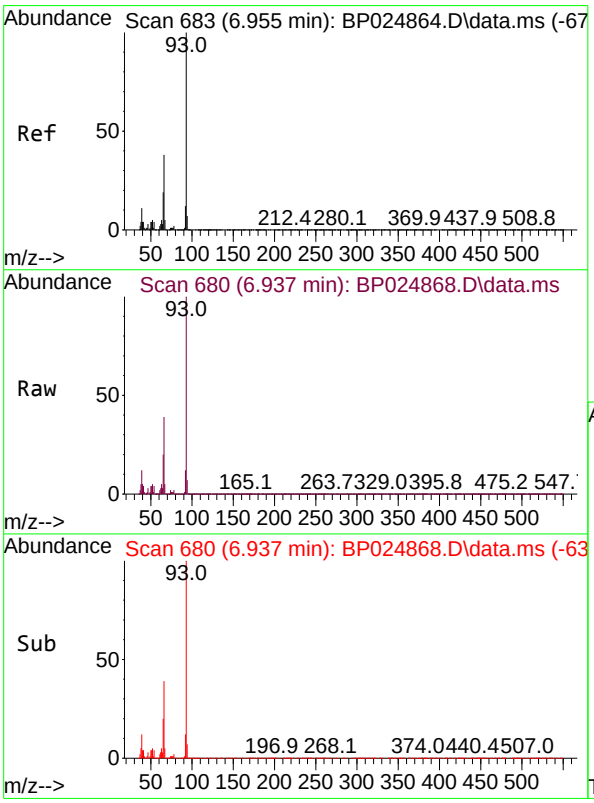
Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.7	67.1
63	28.9	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

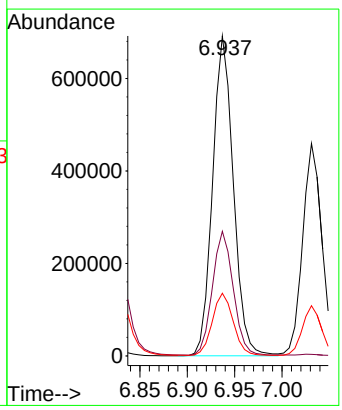
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

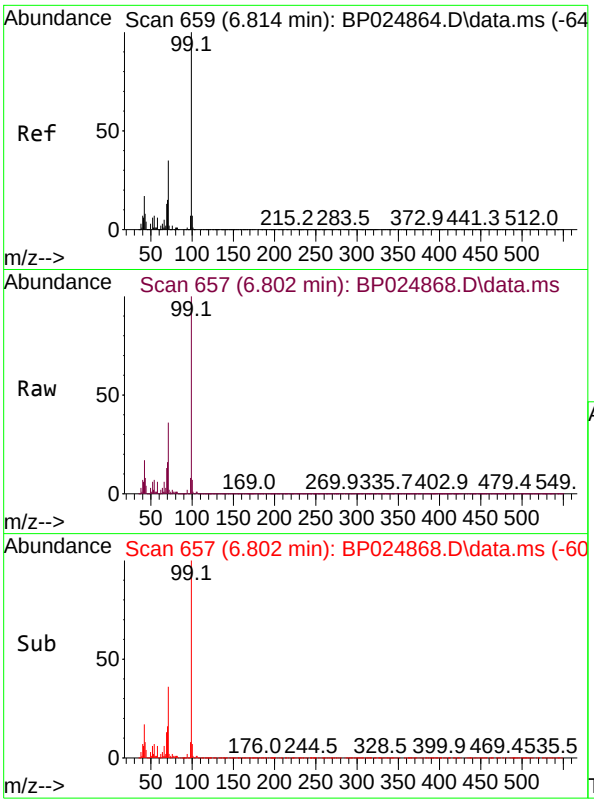


#6
Aniline
Concen: 40.192 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 93 Resp: 1054913

Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.9	46.3
65	19.6	15.5	23.3

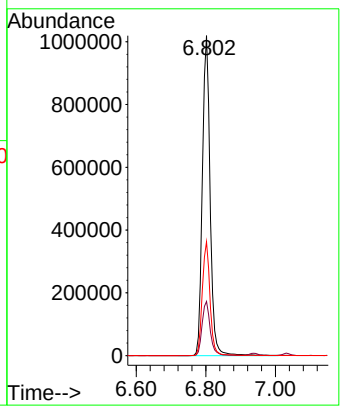




#7
Phenol-d6
Concen: 76.488 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 99 Resp: 157312

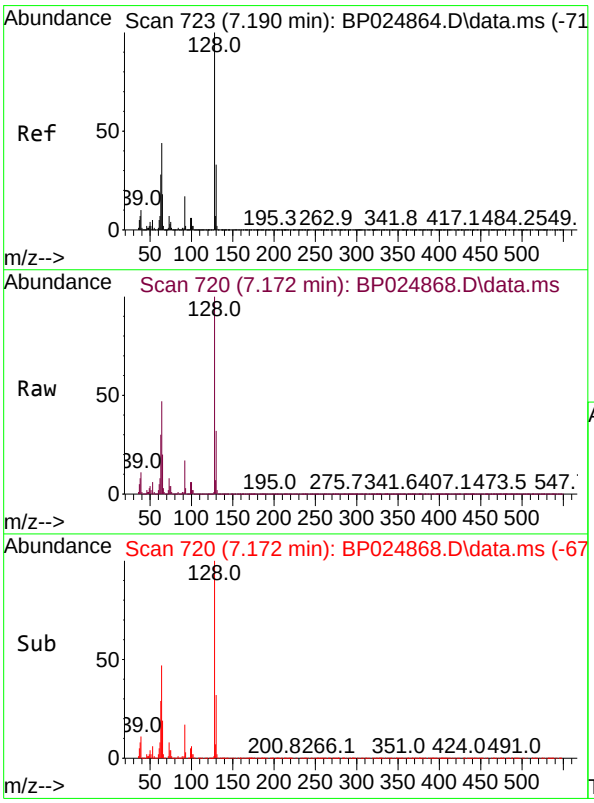
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	35.6	27.6	41.4



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

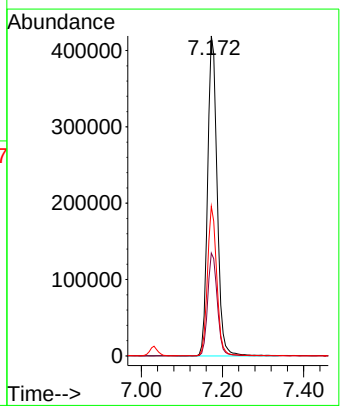
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

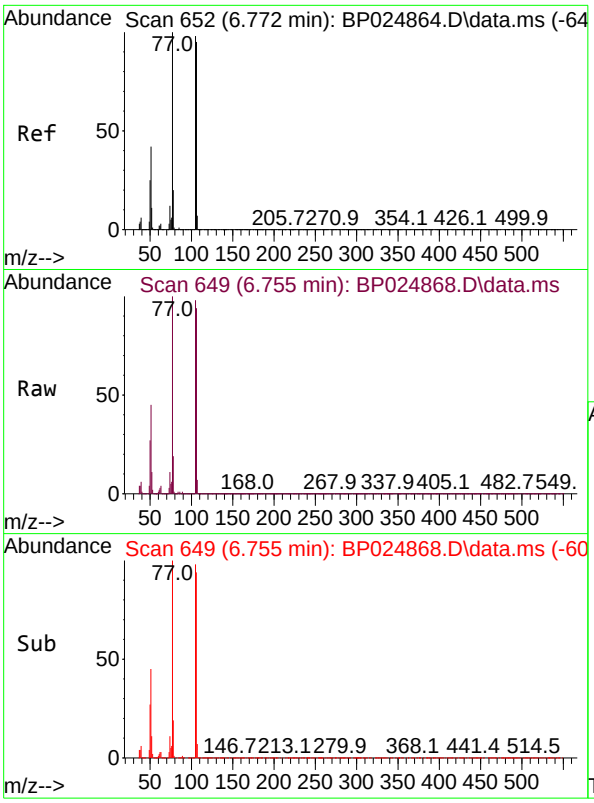


#8
2-Chlorophenol
Concen: 39.034 ng
RT: 7.172 min Scan# 720
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:128 Resp: 687858

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	46.7	24.1	64.1

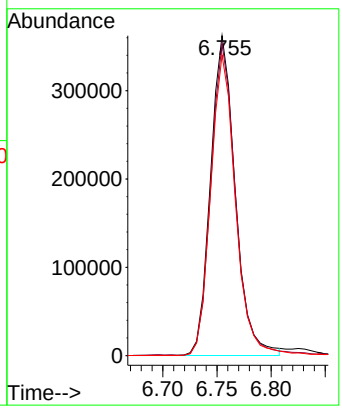




#9
Benzaldehyde
Concen: 48.599 ng m
RT: 6.755 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 77 Resp: 57612

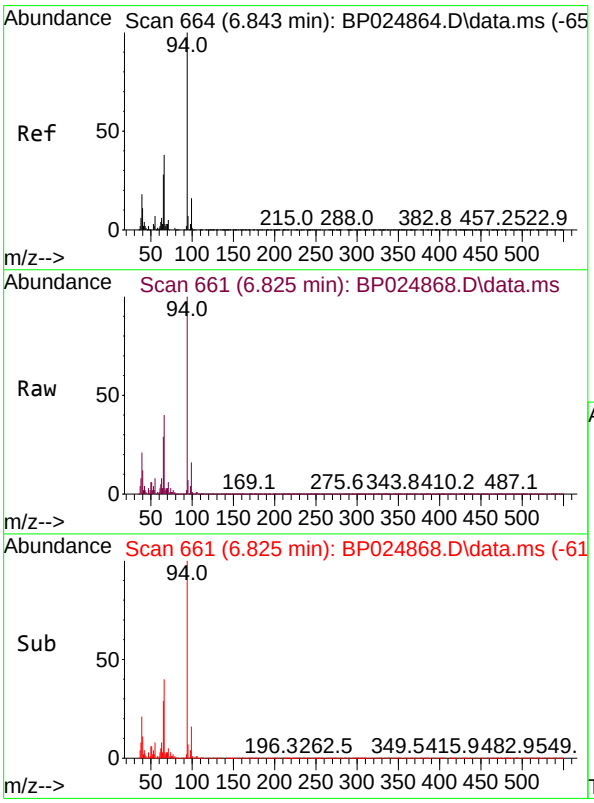
Ion	Ratio	Lower	Upper
77	100		
105	97.5	77.7	117.7
106	93.9	74.8	114.8



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

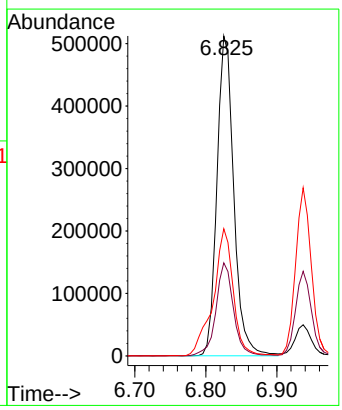
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

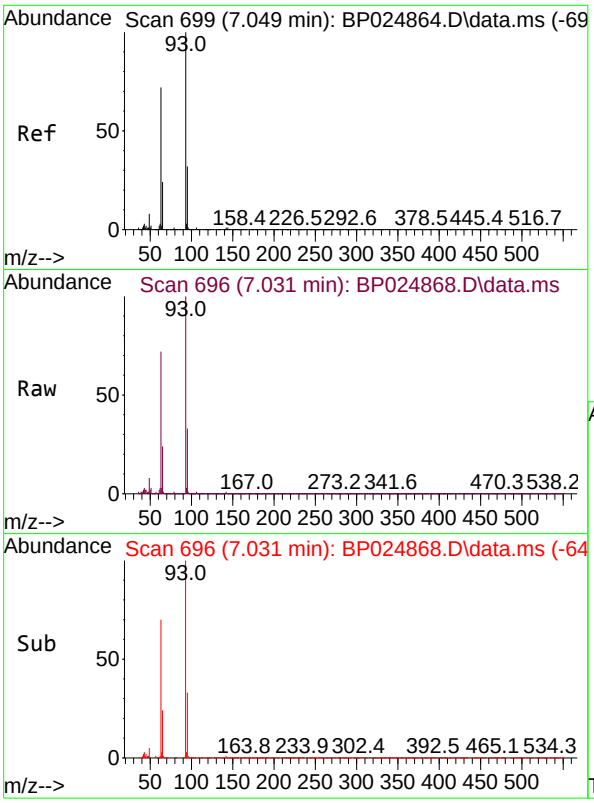


#10
Phenol
Concen: 39.895 ng
RT: 6.825 min Scan# 661
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 94 Resp: 845877

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.3	48.3
66	39.7	18.2	58.2

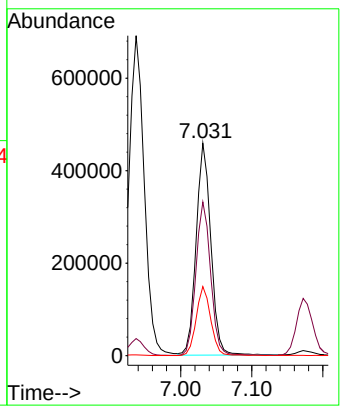




#11
bis(2-Chloroethyl)ether
Concen: 39.368 ng
RT: 7.031 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 93 Resp: 65650

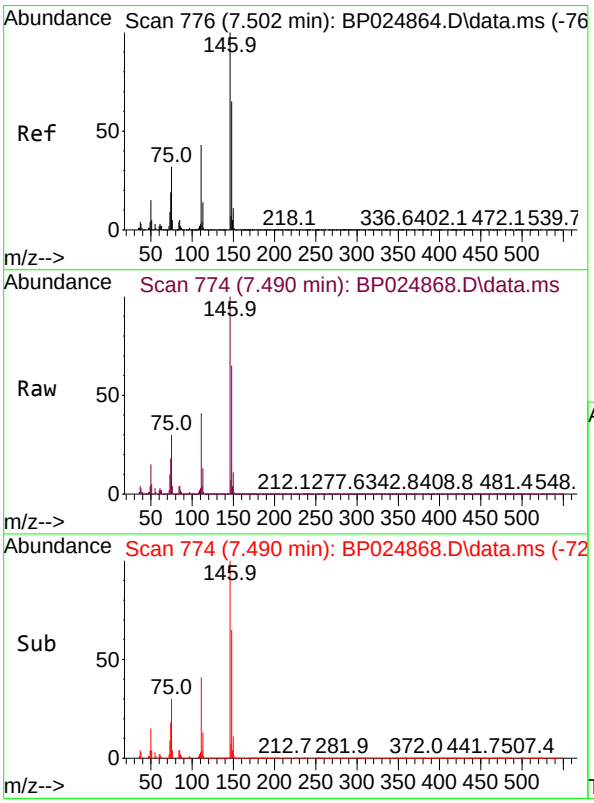
Ion	Ratio	Lower	Upper
93	100		
63	72.4	51.6	91.6
95	32.5	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

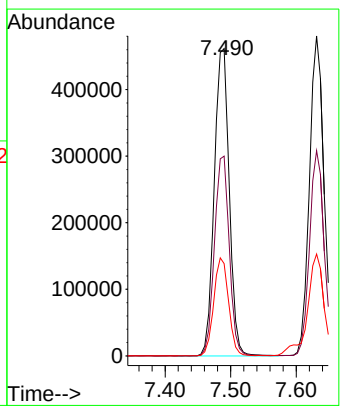
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

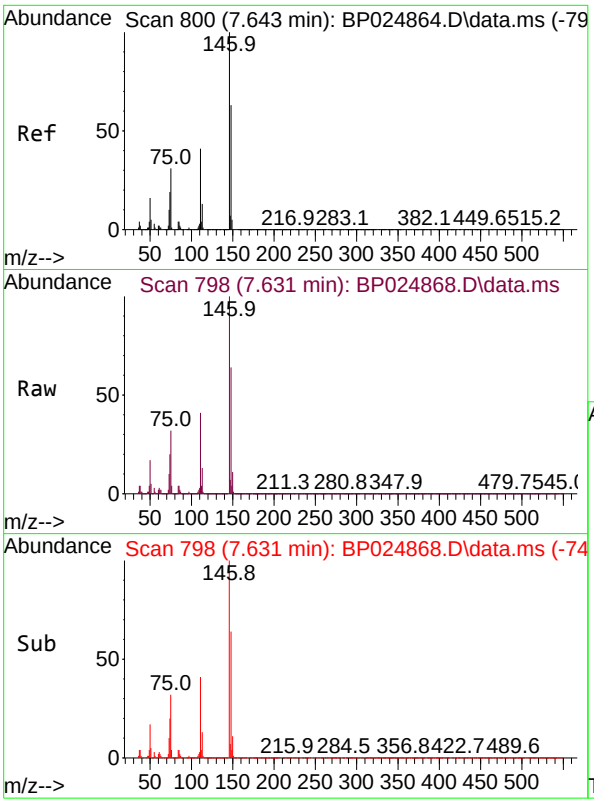


#12
1,3-Dichlorobenzene
Concen: 37.402 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:146 Resp: 735256

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	30.0	25.3	37.9

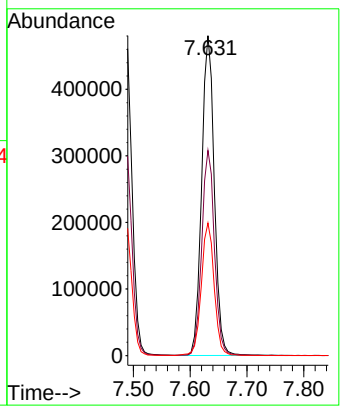




#13
1,4-Dichlorobenzene
Concen: 37.417 ng
RT: 7.631 min Scan# 79
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:146 Resp: 74218

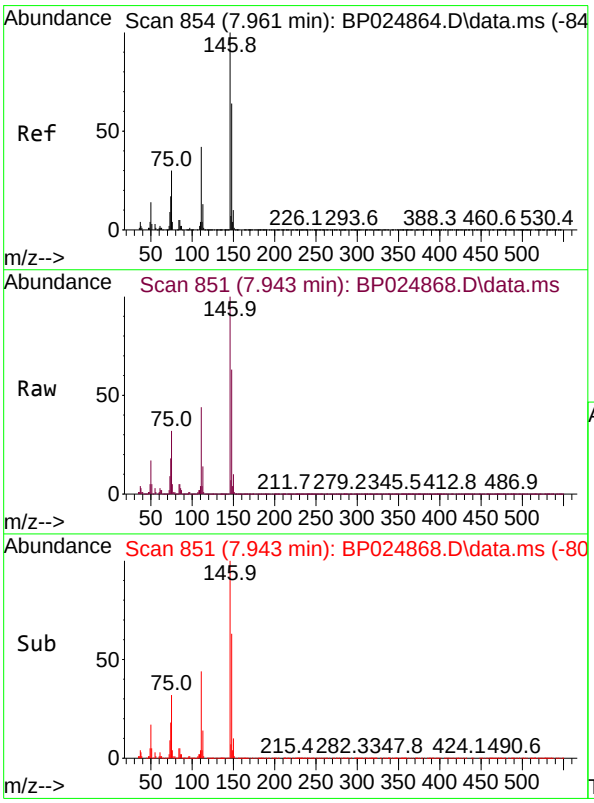
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.4	32.7	49.1



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

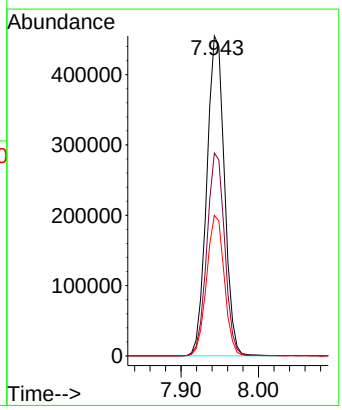
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

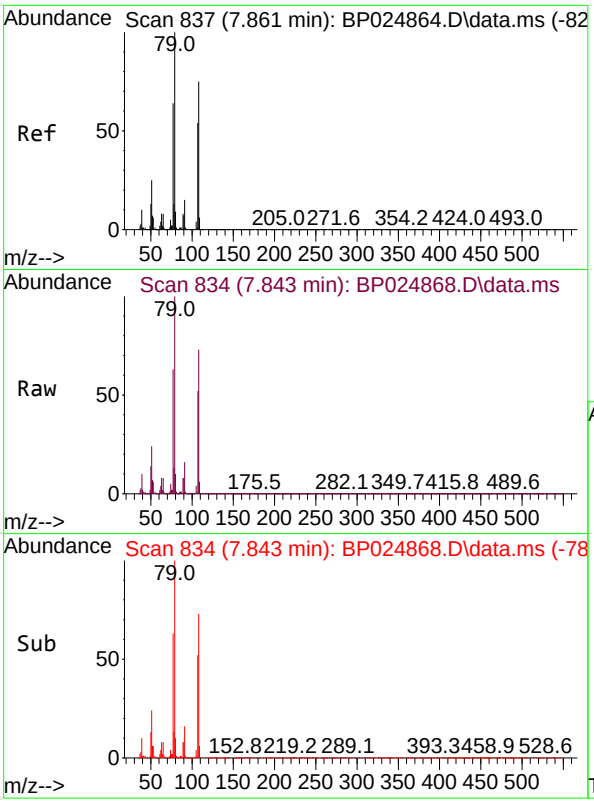


#14
1,2-Dichlorobenzene
Concen: 37.071 ng
RT: 7.943 min Scan# 851
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:146 Resp: 722064

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
111	43.9	33.8	50.8





#15
Benzyl Alcohol
Concen: 40.859 ng
RT: 7.843 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

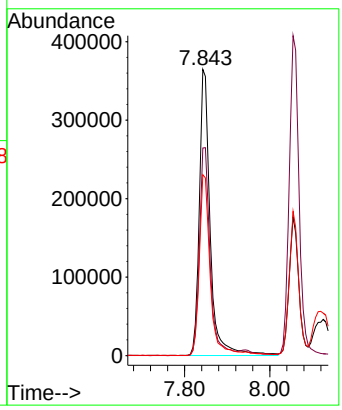
Tgt Ion: 79 Resp: 64493

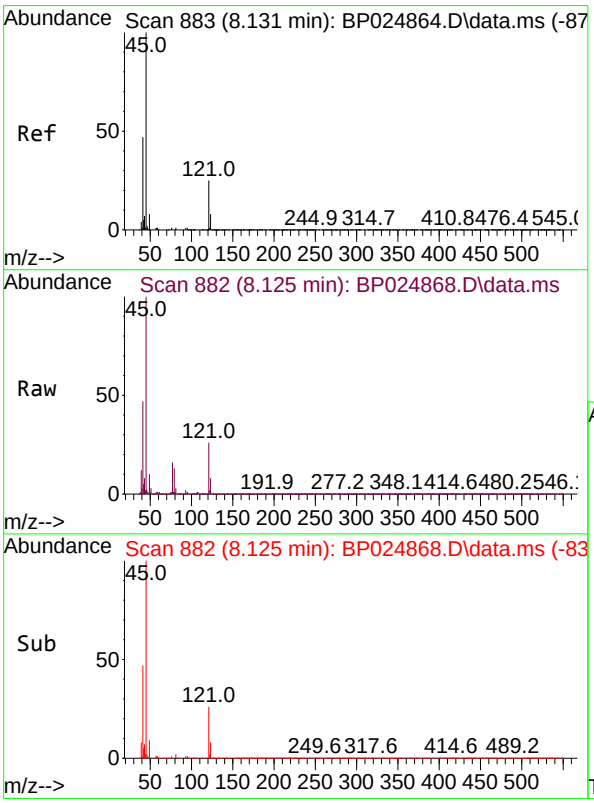
Ion	Ratio	Lower	Upper
79	100		
108	72.6	60.2	90.4
77	63.2	51.2	76.8

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

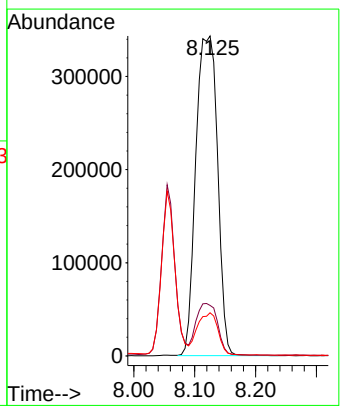


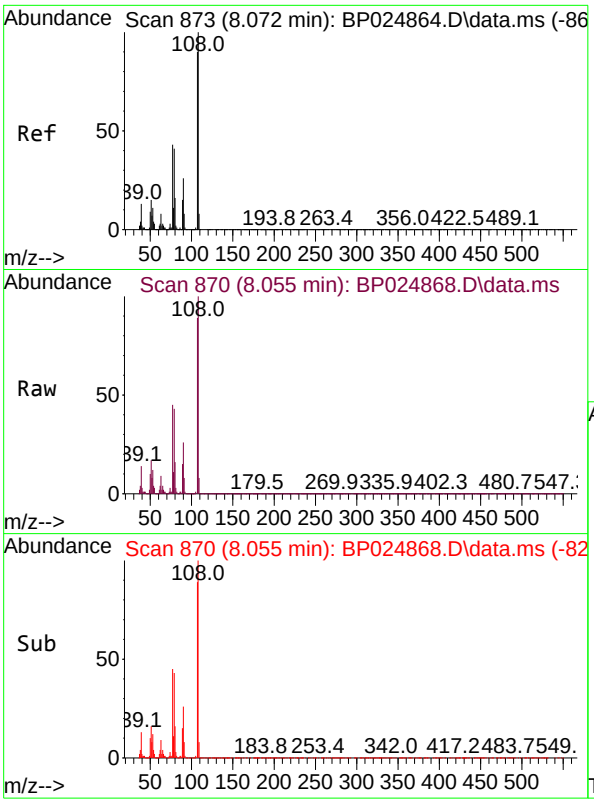


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.927 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 45 Resp: 849644

Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	36.3
79	13.5	0.0	32.2

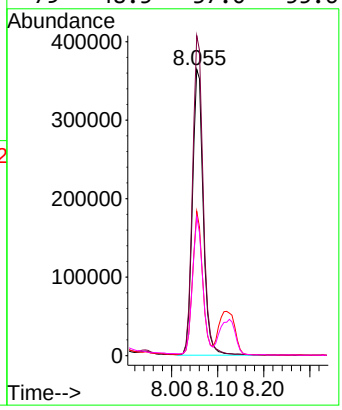




#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.055 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:107 Resp: 591959

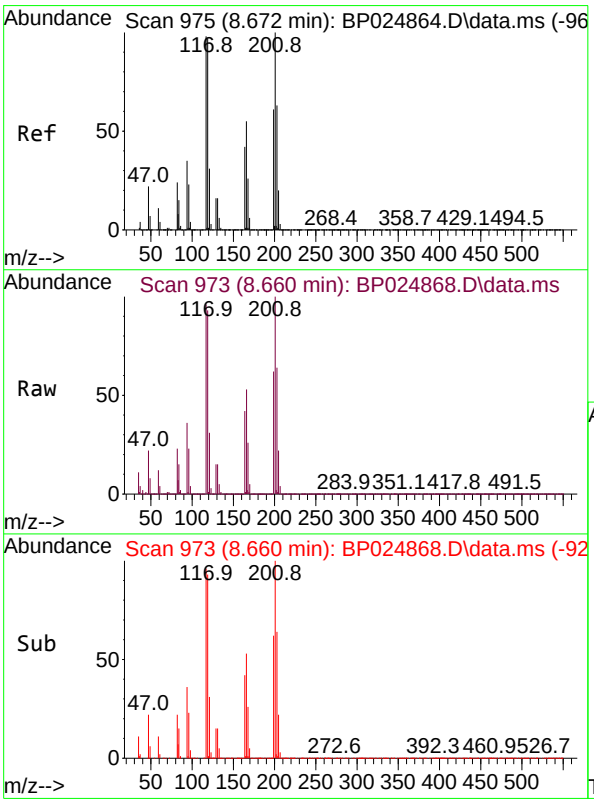
Ion	Ratio	Lower	Upper
107	100		
108	111.8	88.6	132.8
77	50.4	38.5	57.7
79	48.5	37.0	55.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

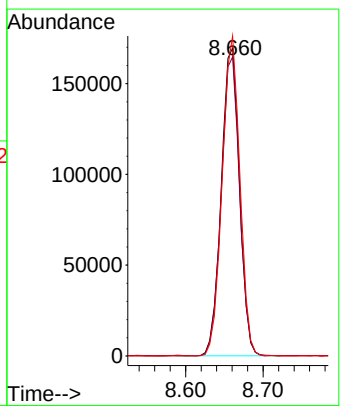
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

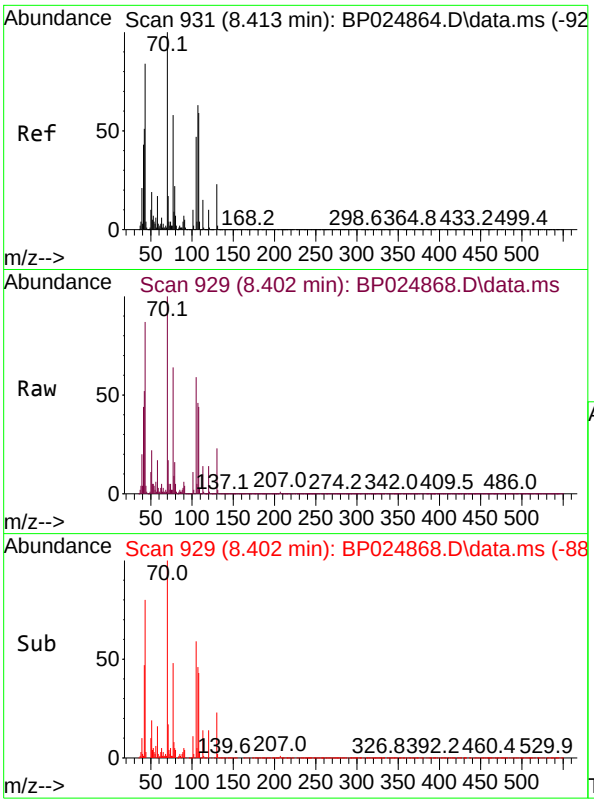


#18
Hexachloroethane
Concen: 37.151 ng
RT: 8.660 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:117 Resp: 277433

Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.4	119.2
201	104.0	81.4	122.2

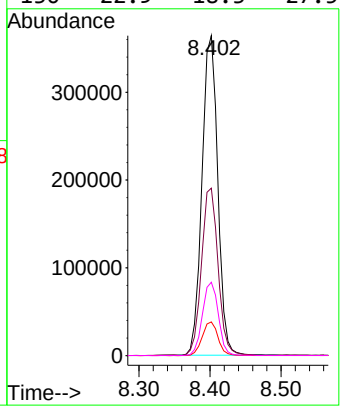




#19
n-Nitroso-di-n-propylamine
Concen: 40.009 ng
RT: 8.402 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 70 Resp: 55938

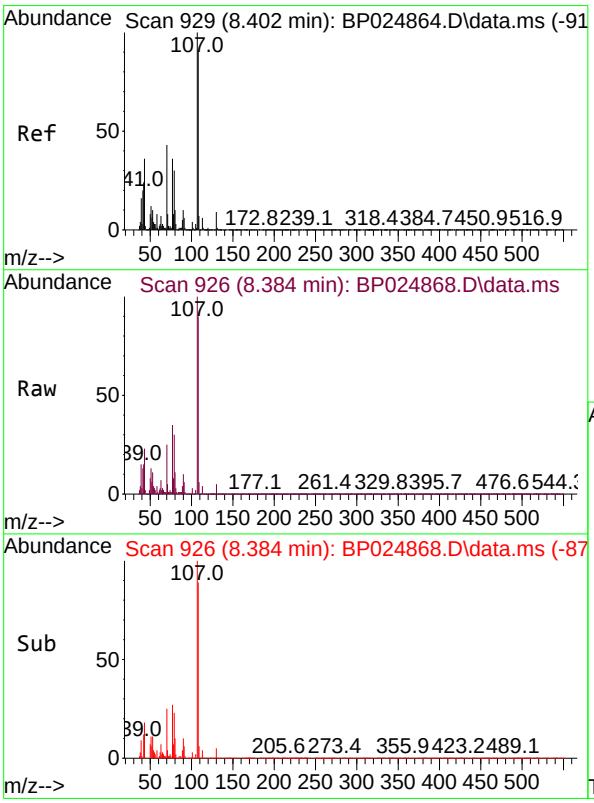
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.2	61.8
101	10.5	8.3	12.5
130	22.9	18.3	27.5



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

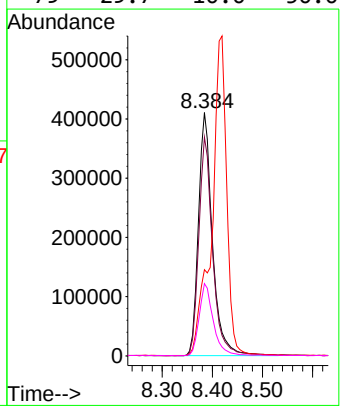
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

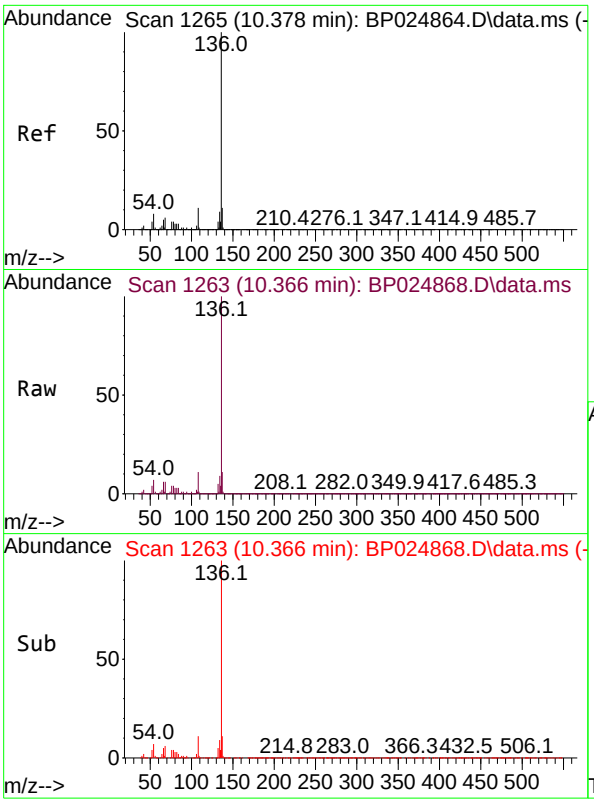


#20
3+4-Methylphenols
Concen: 39.466 ng
RT: 8.384 min Scan# 926
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:107 Resp: 797217

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.7	110.7
77	35.4	16.6	56.6
79	29.7	10.0	50.0

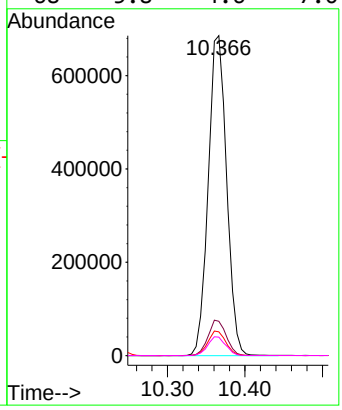




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.366 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:136 Resp: 112988

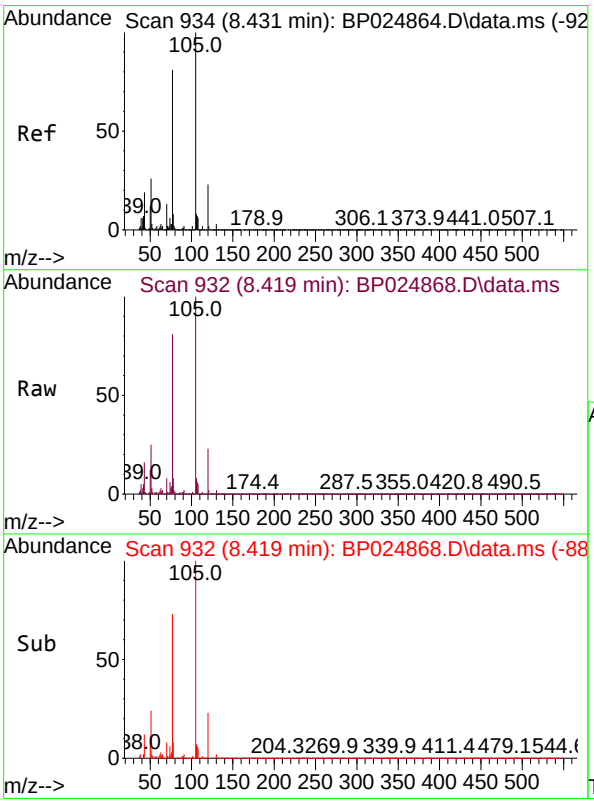
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.1	9.1
68	5.8	4.6	7.0



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

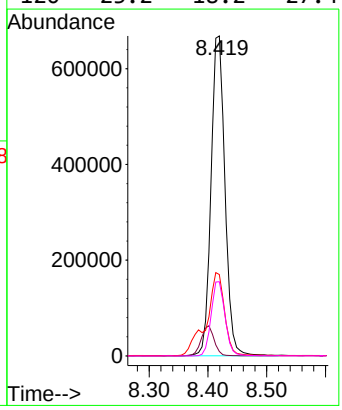
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

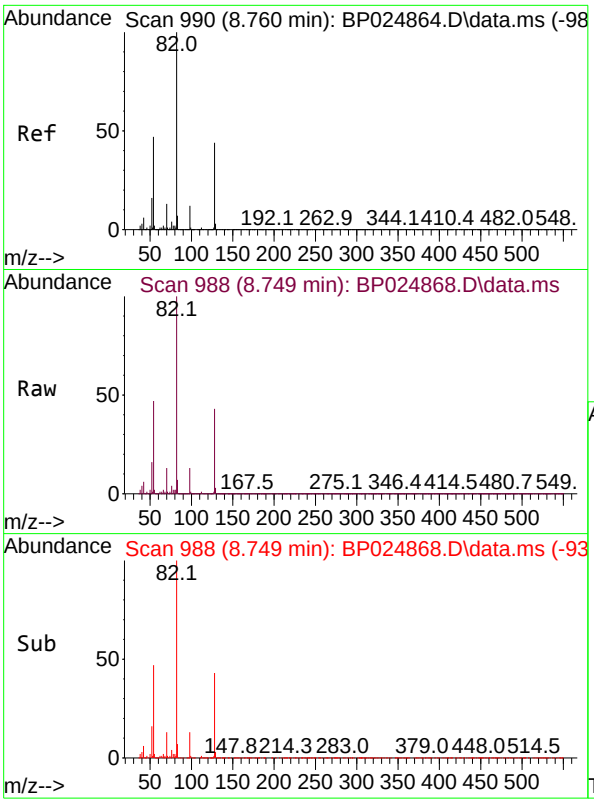


#22
Acetophenone
Concen: 38.549 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:105 Resp: 1100455

Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.6	2.4#
51	25.4	20.6	31.0
120	23.2	18.2	27.4

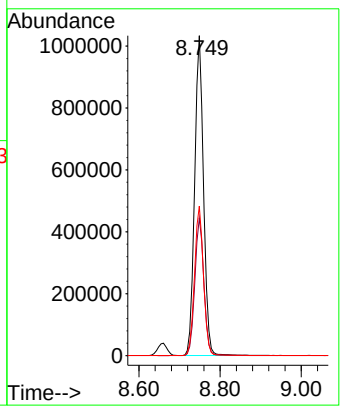




#23
Nitrobenzene-d5
Concen: 67.150 ng
RT: 8.749 min Scan# 98
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 82 Resp: 156136

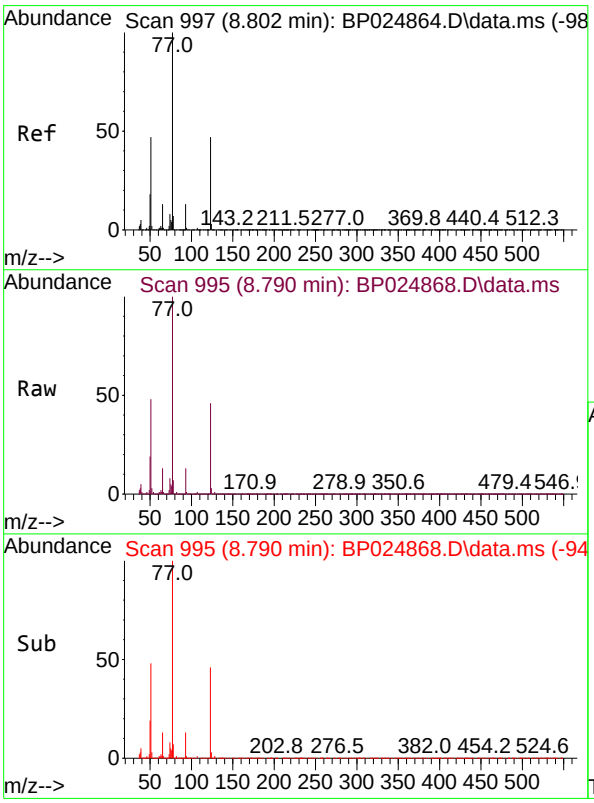
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	46.7	37.4	56.0



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

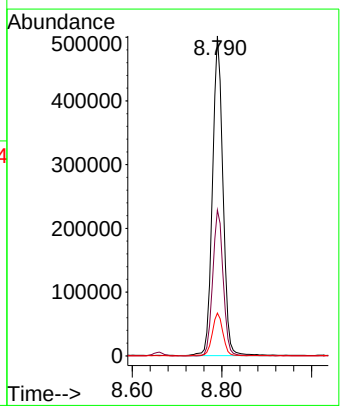
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

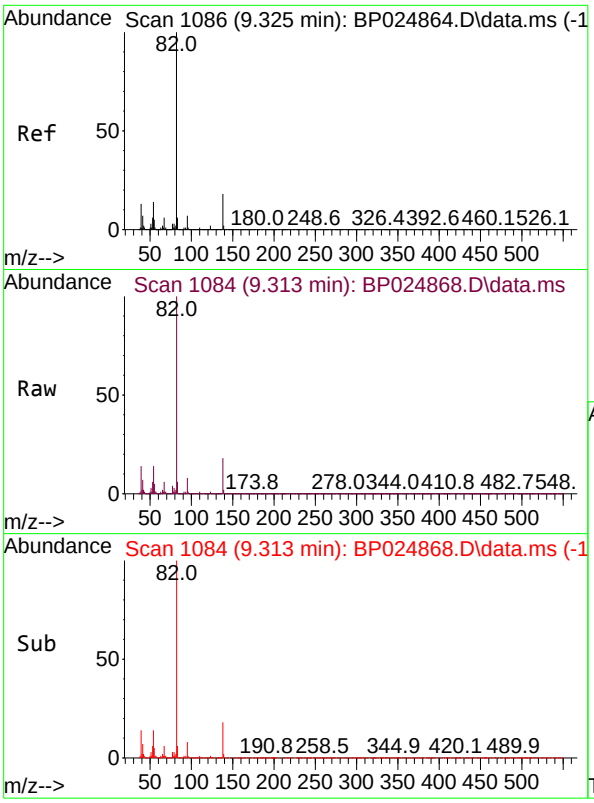


#24
Nitrobenzene
Concen: 39.258 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 77 Resp: 810932

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	13.4	10.8	16.2

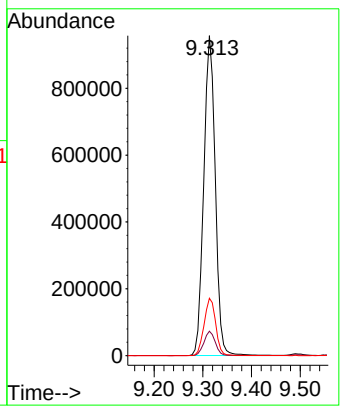




#25
Isophorone
Concen: 39.109 ng
RT: 9.313 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 82 Resp: 157603

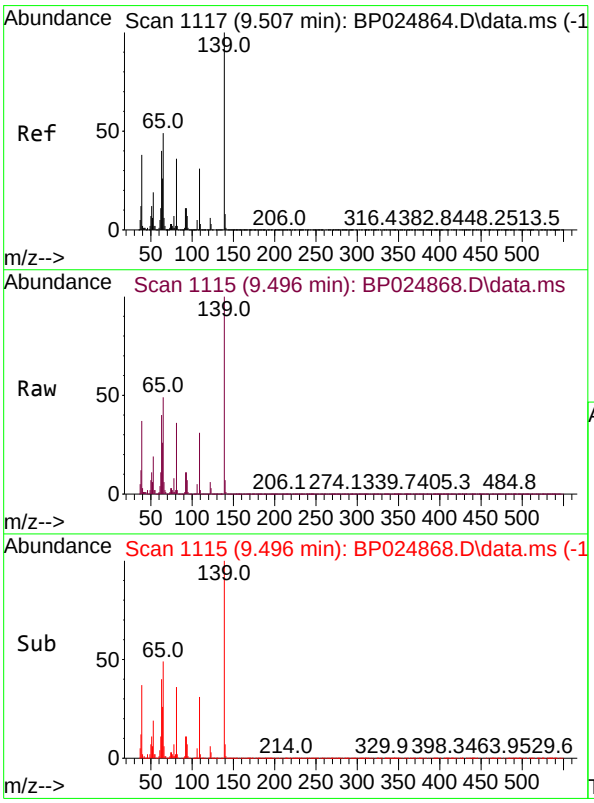
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	17.9	14.6	21.8



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

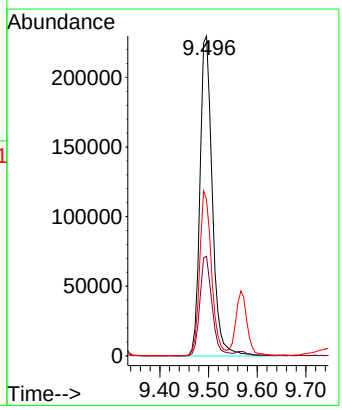
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

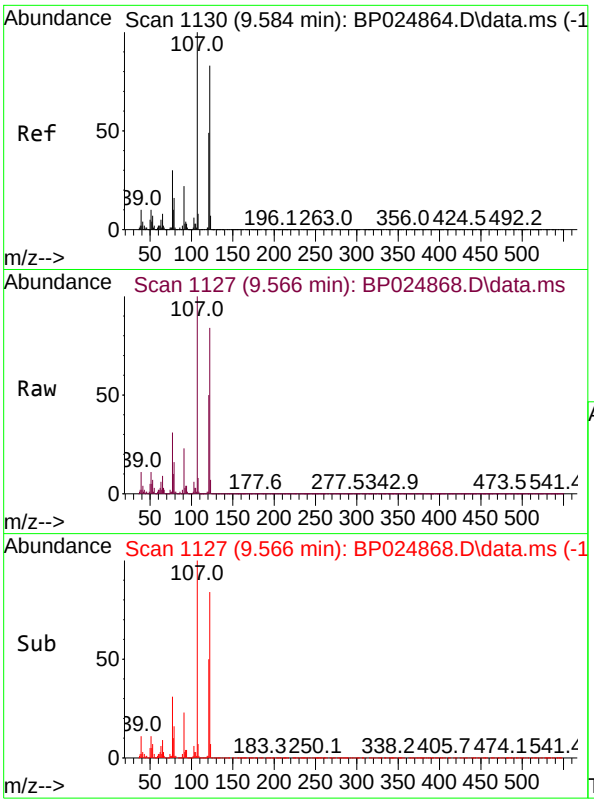


#26
2-Nitrophenol
Concen: 39.558 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:139 Resp: 403179

Ion	Ratio	Lower	Upper
139	100		
109	31.1	24.6	37.0
65	48.9	39.5	59.3

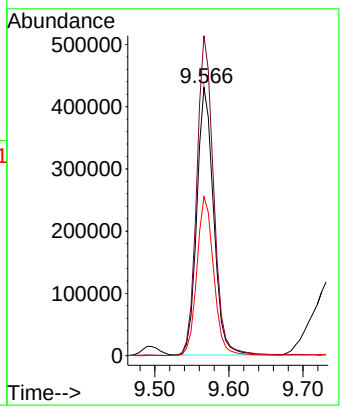




#27
2,4-Dimethylphenol
Concen: 38.761 ng
RT: 9.566 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:122 Resp: 67610

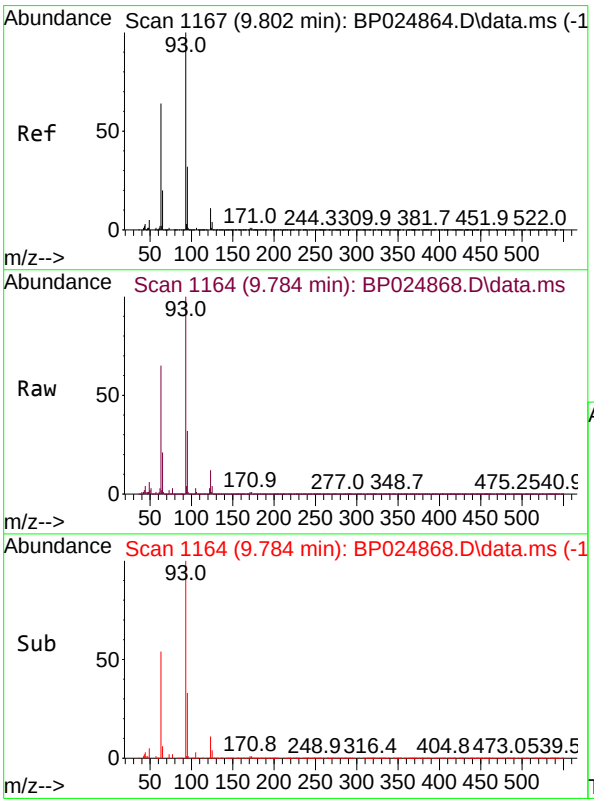
Ion	Ratio	Lower	Upper
122	100		
107	119.3	96.2	144.4
121	59.3	47.0	70.4



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

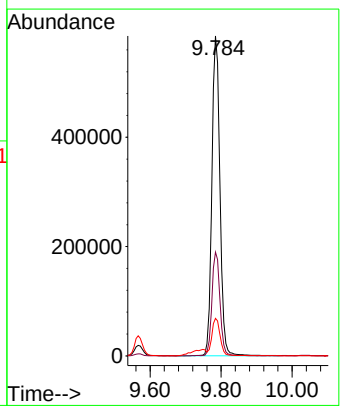
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

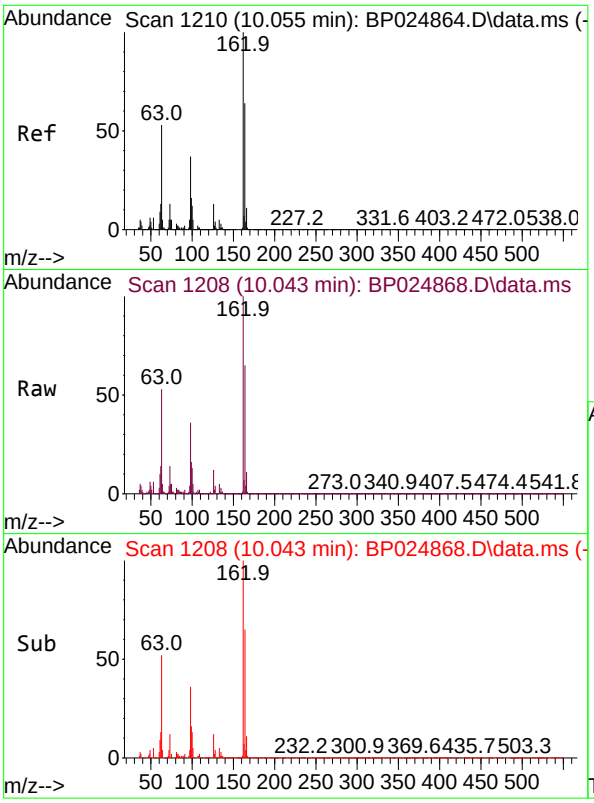


#28
bis(2-Chloroethoxy)methane
Concen: 38.351 ng
RT: 9.784 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 93 Resp: 921897

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.7	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 39.046 ng
RT: 10.043 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

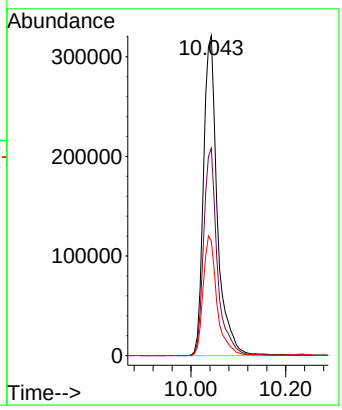
Tgt Ion:162 Resp: 65349

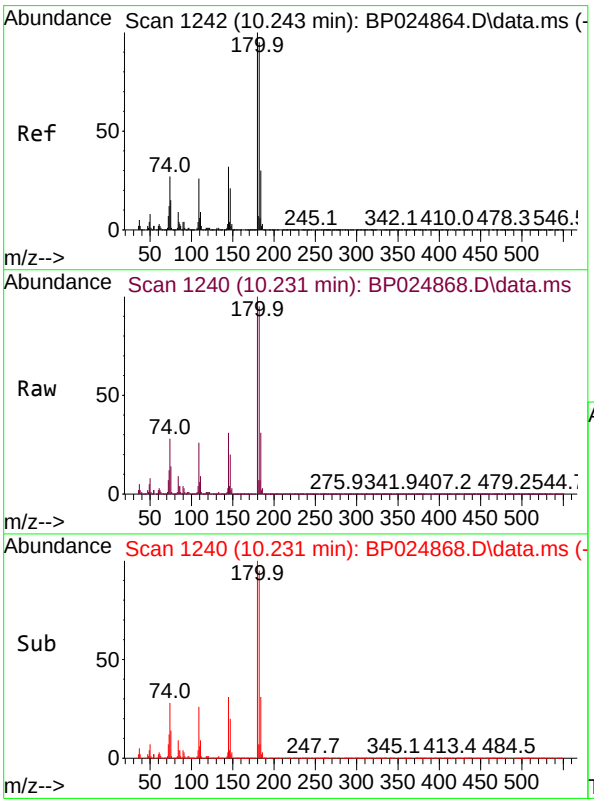
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.0	84.0
98	35.8	16.9	56.9

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

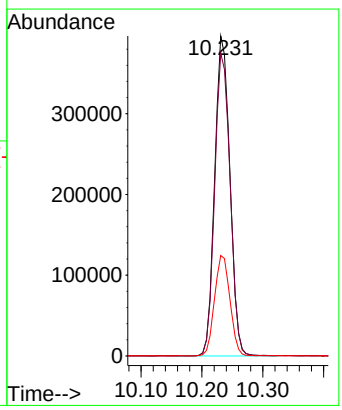


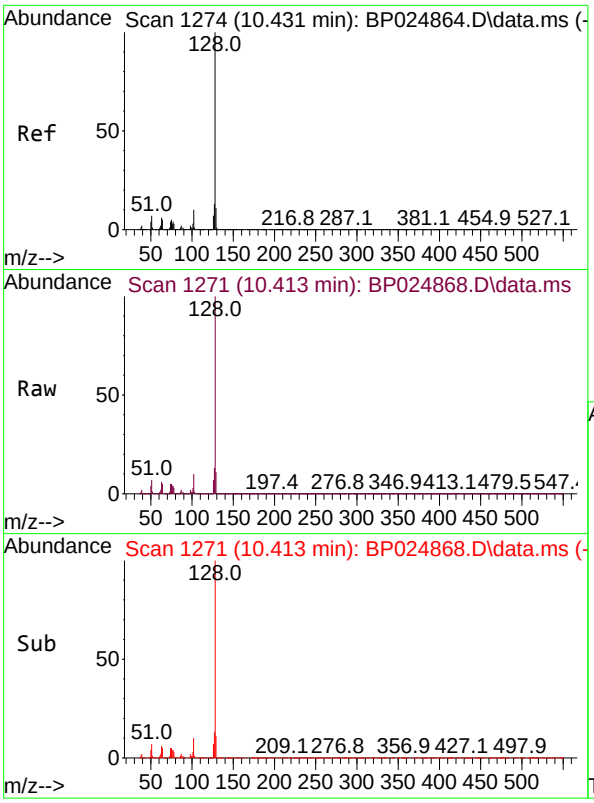


#30
1,2,4-Trichlorobenzene
Concen: 36.514 ng
RT: 10.231 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:180 Resp: 689288

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	31.4	25.7	38.5

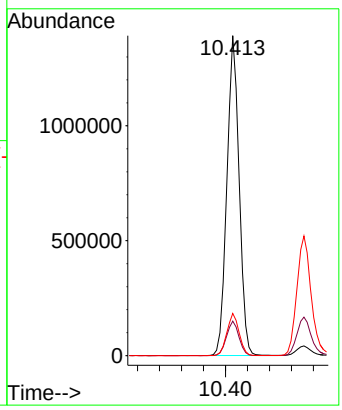




#31
Naphthalene
Concen: 37.089 ng
RT: 10.413 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:128 Resp: 214753

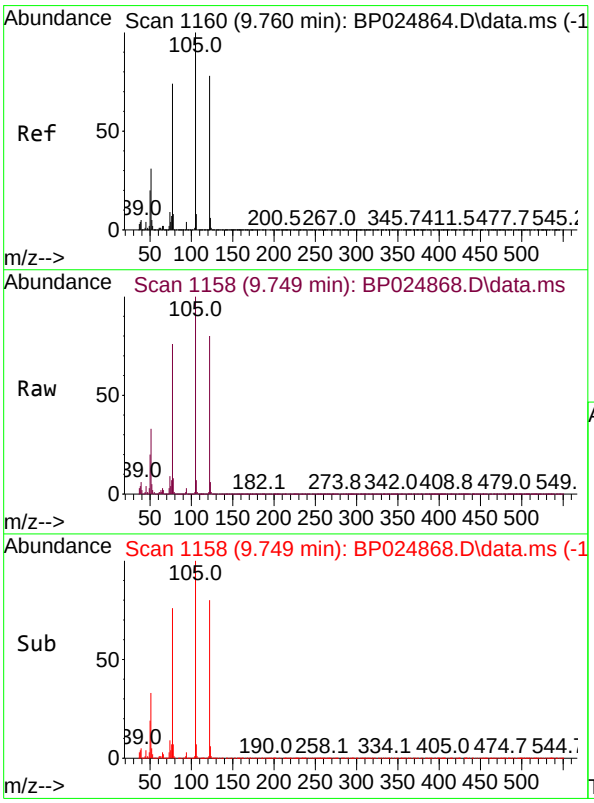
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

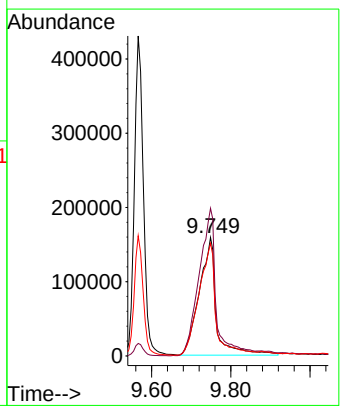
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

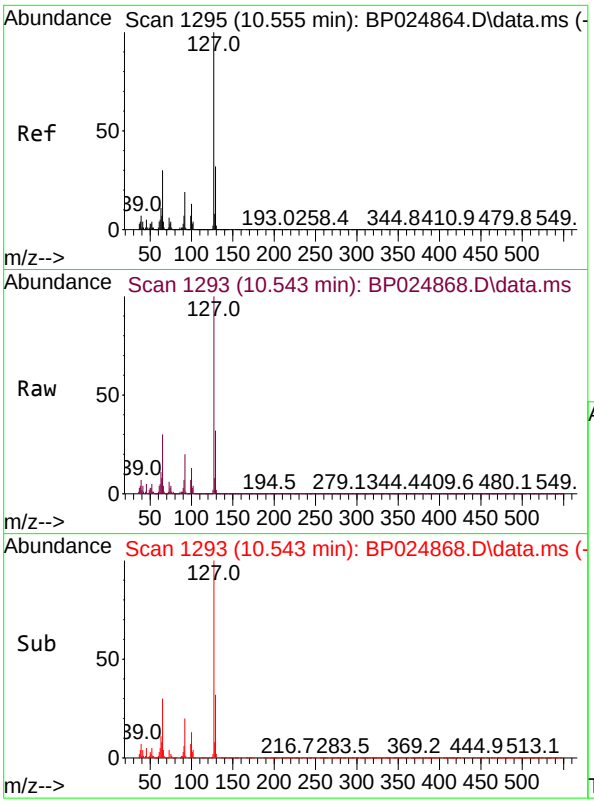


#32
Benzoic acid
Concen: 40.420 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:122 Resp: 476446

Ion	Ratio	Lower	Upper
122	100		
105	124.6	107.1	147.1
77	95.2	75.1	115.1

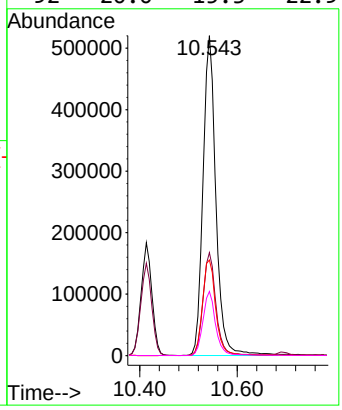




#33
4-Chloroaniline
Concen: 39.581 ng
RT: 10.543 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:127 Resp: 96018

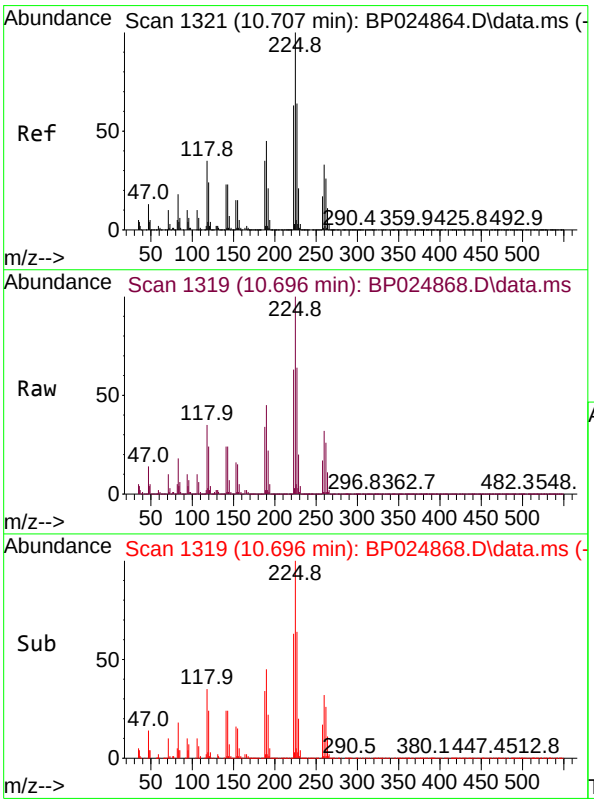
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.9	23.9	35.9
92	20.0	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

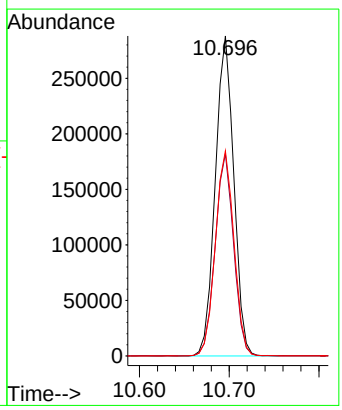
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

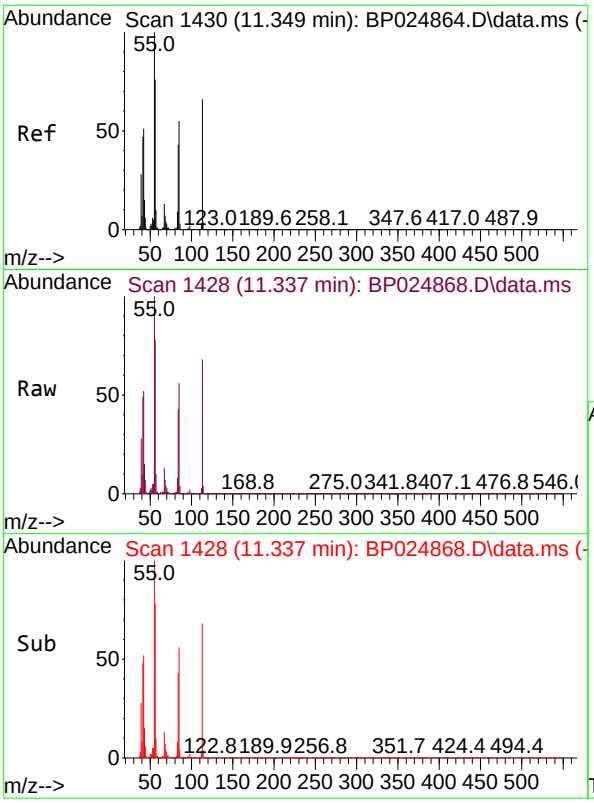


#34
Hexachlorobutadiene
Concen: 36.314 ng
RT: 10.696 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:225 Resp: 413168

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.5	75.7
227	64.1	51.4	77.2





#35
Caprolactam
Concen: 41.229 ng
RT: 11.337 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

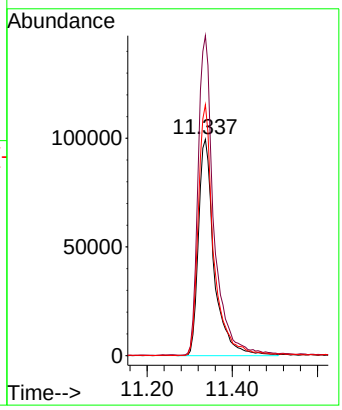
Tgt Ion:113 Resp: 25400

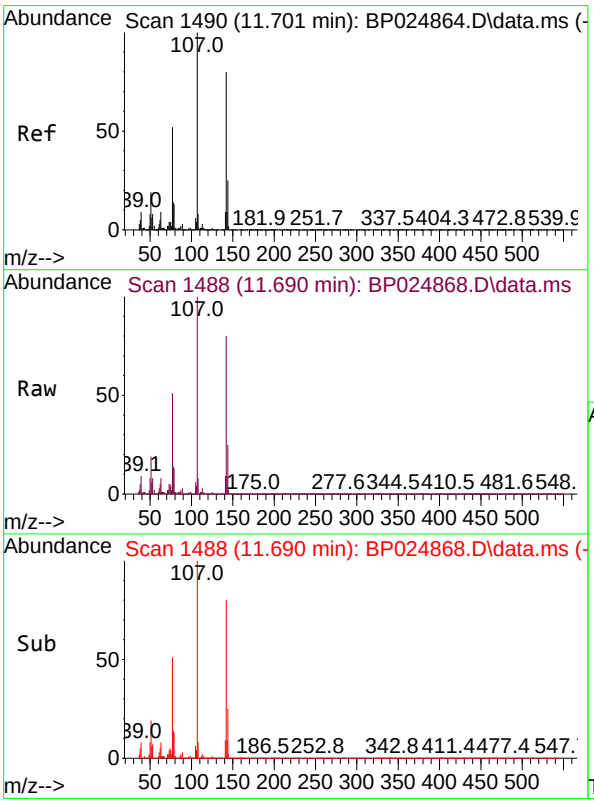
Ion	Ratio	Lower	Upper
113	100		
55	147.9	132.5	172.5
56	116.0	96.0	136.0

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

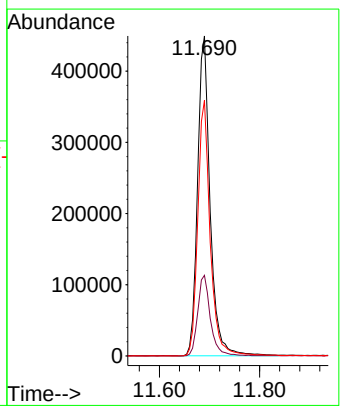


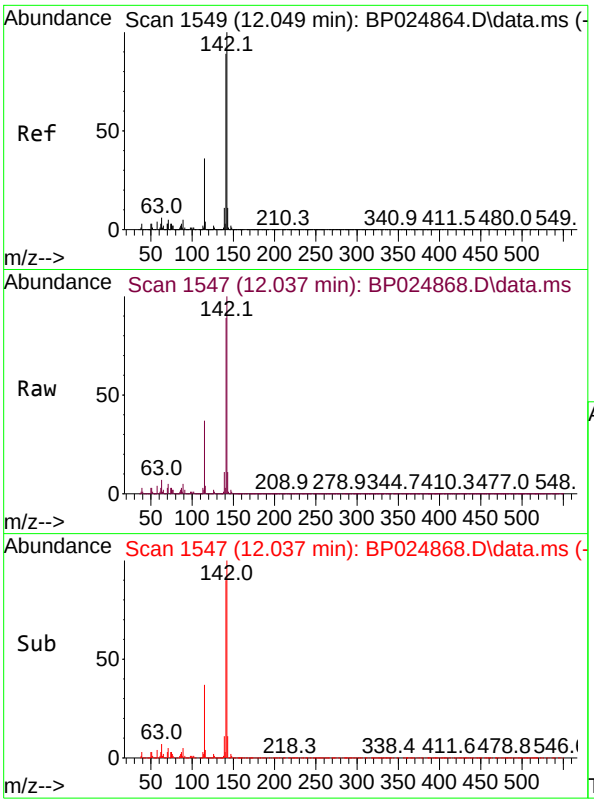


#36
4-Chloro-3-methylphenol
Concen: 40.474 ng
RT: 11.690 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:107 Resp: 781340

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.4	30.6
142	79.8	63.8	95.6

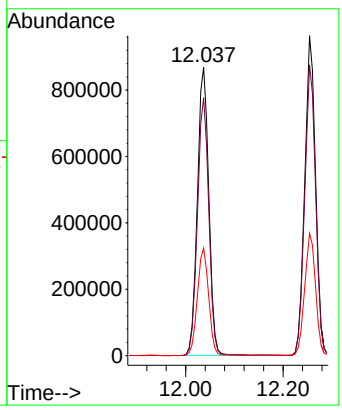




#37
2-Methylnaphthalene
Concen: 38.430 ng
RT: 12.037 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:142 Resp: 141148

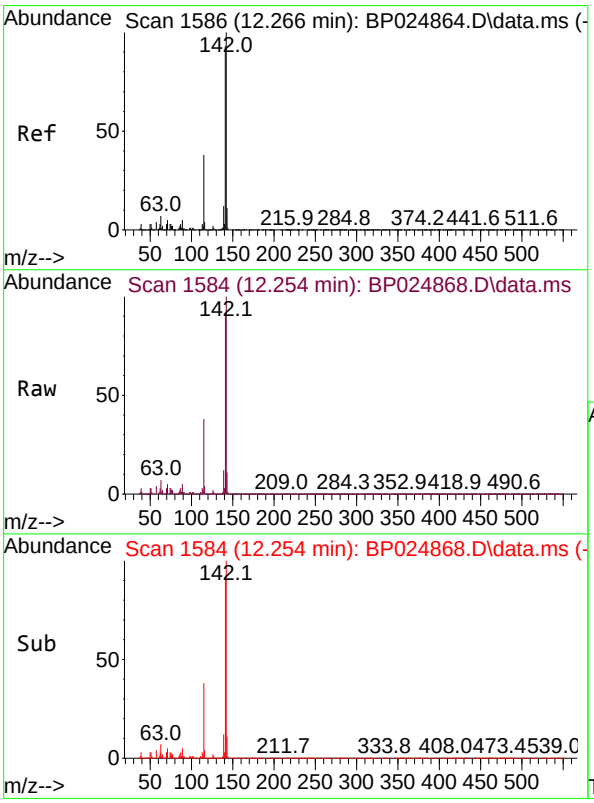
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	37.2	28.5	42.7



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

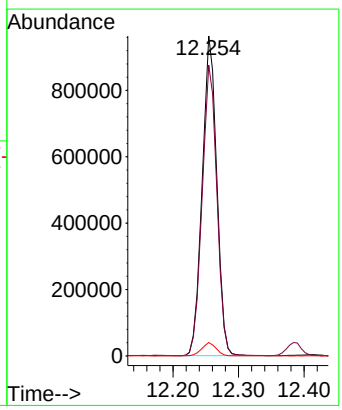
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

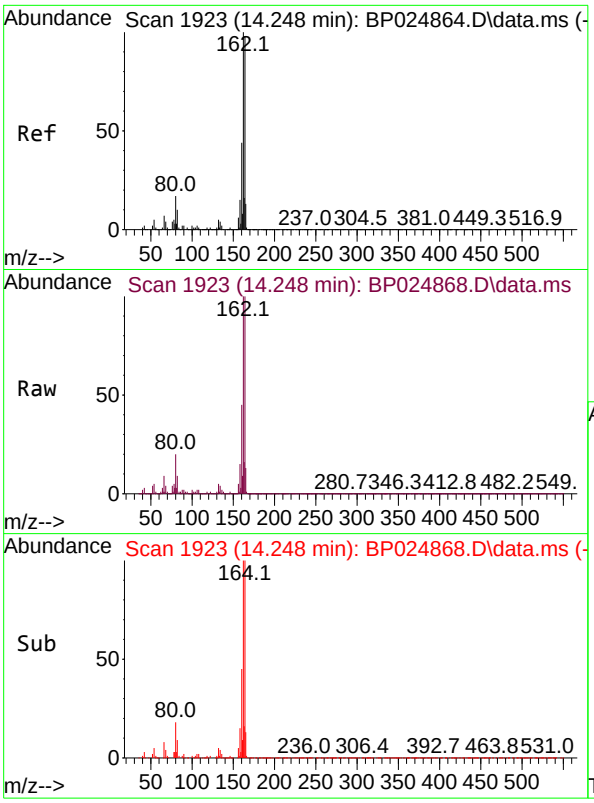


#38
1-Methylnaphthalene
Concen: 37.674 ng
RT: 12.254 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:142 Resp: 1479329

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.7	112.1
116	4.2	3.4	5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

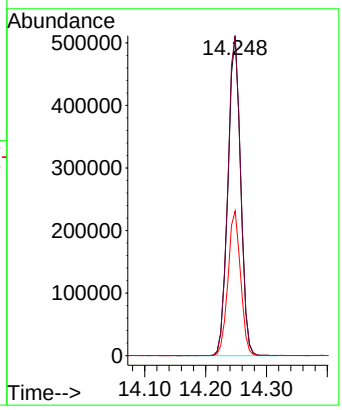
Instrument :
BNA_P
ClientSampleId :
ICVBP060625

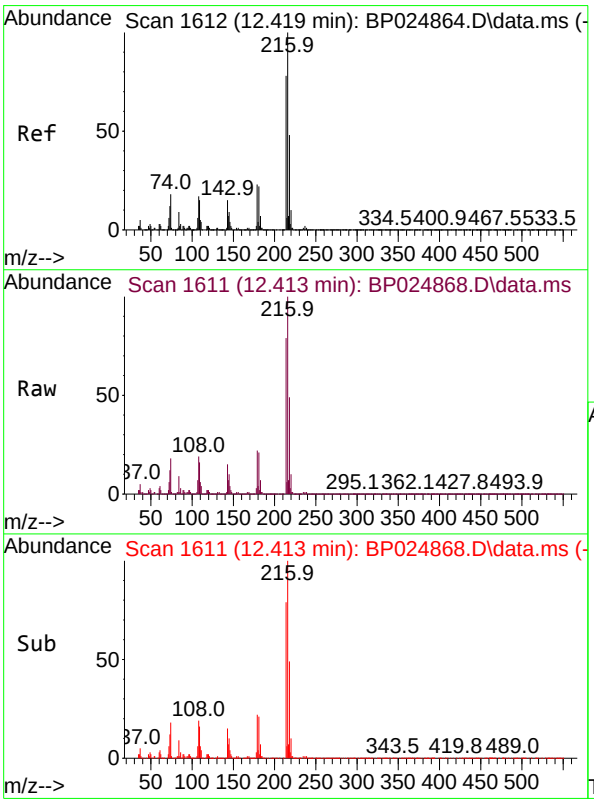
Tgt Ion:164 Resp: 734874

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	45.2	36.2	54.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

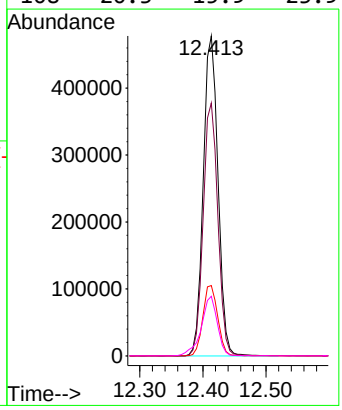


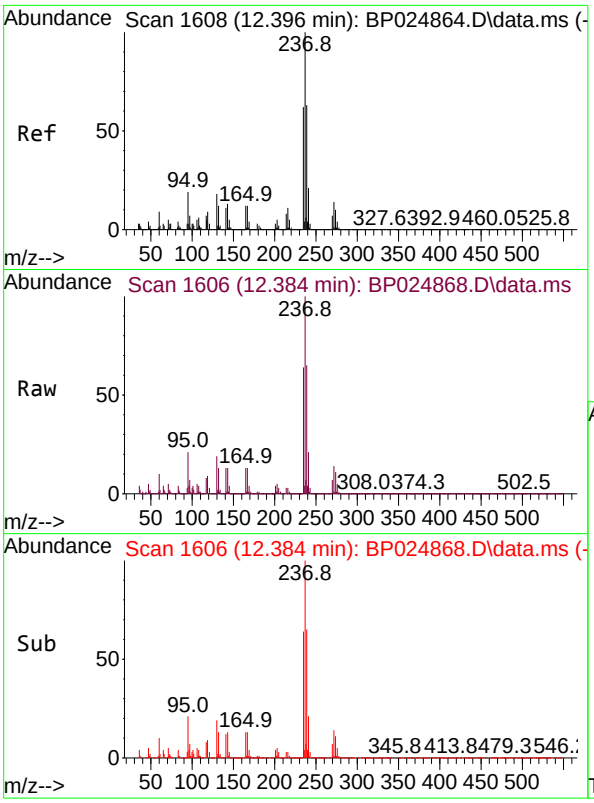


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.136 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:216 Resp: 774379

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.2	17.8	26.6
108	20.3	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 38.177 ng
RT: 12.384 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

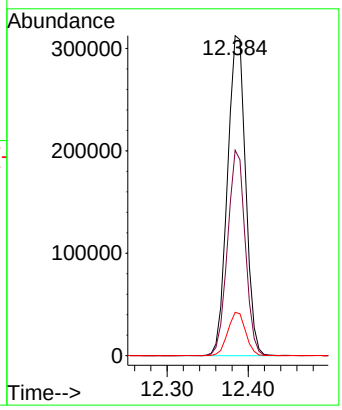
Tgt Ion:237 Resp: 48556

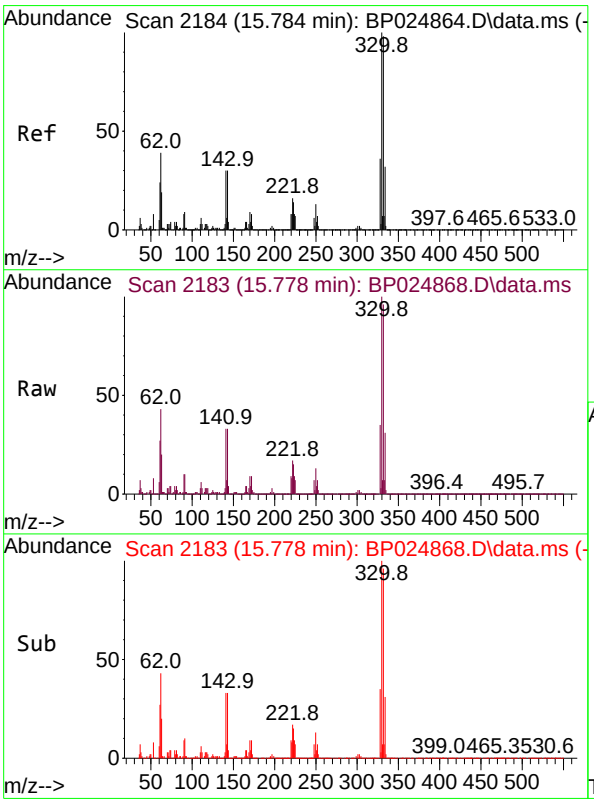
Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.9	81.9
272	13.5	0.0	33.7

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

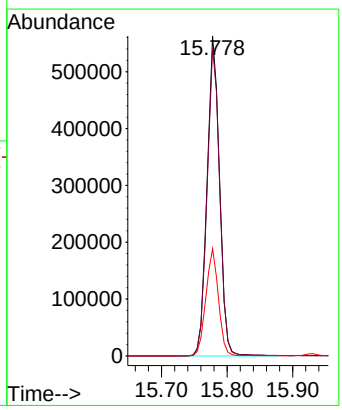


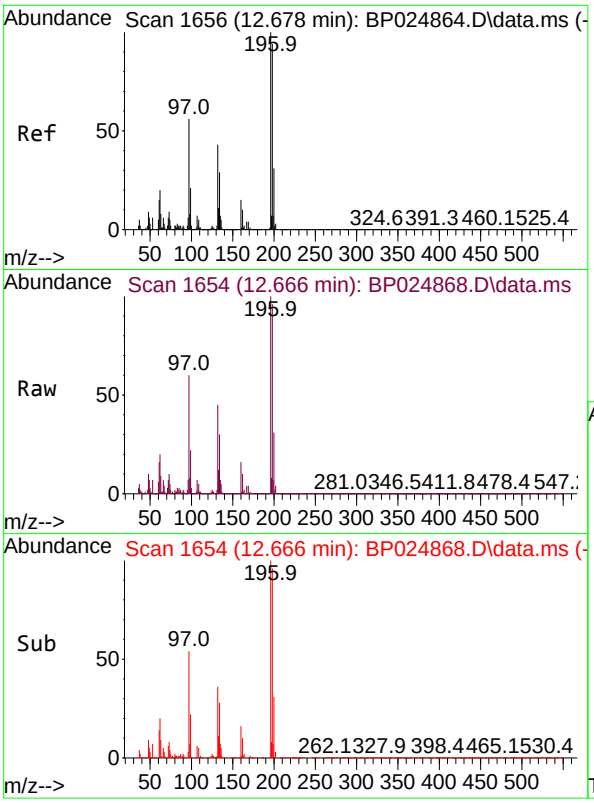


#42
2,4,6-Tribromophenol
Concen: 73.160 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:330 Resp: 743311

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	33.7	26.4	39.6

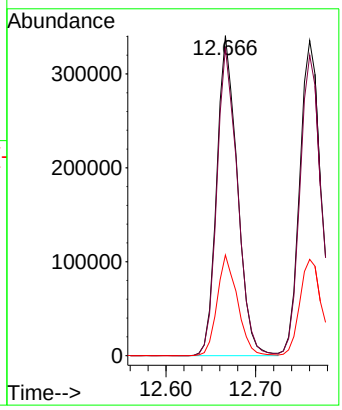




#43
2,4,6-Trichlorophenol
Concen: 38.812 ng
RT: 12.666 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:196 Resp: 54352

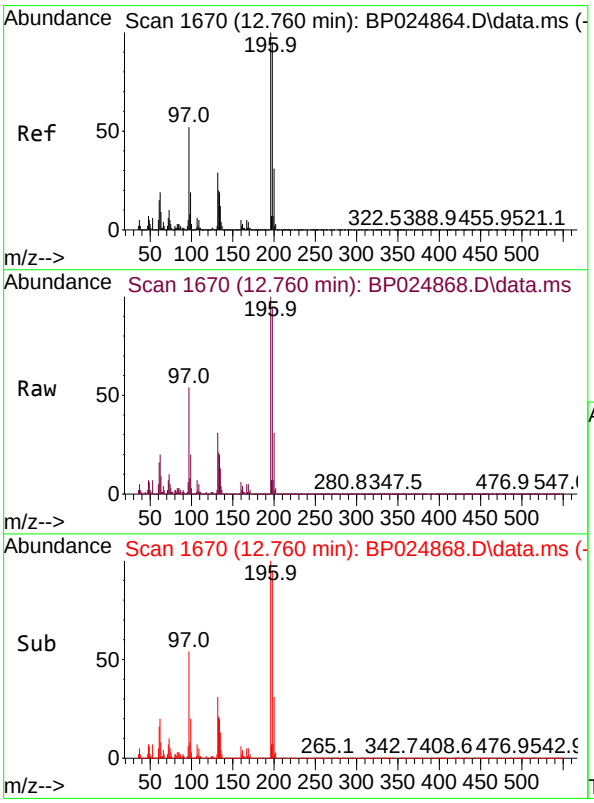
Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.4	113.0
200	31.4	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

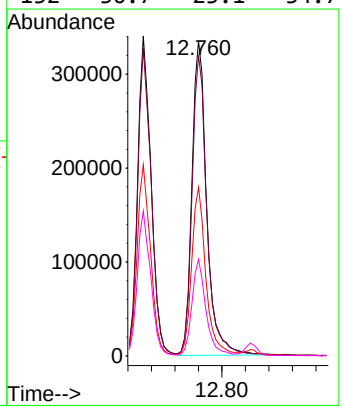
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

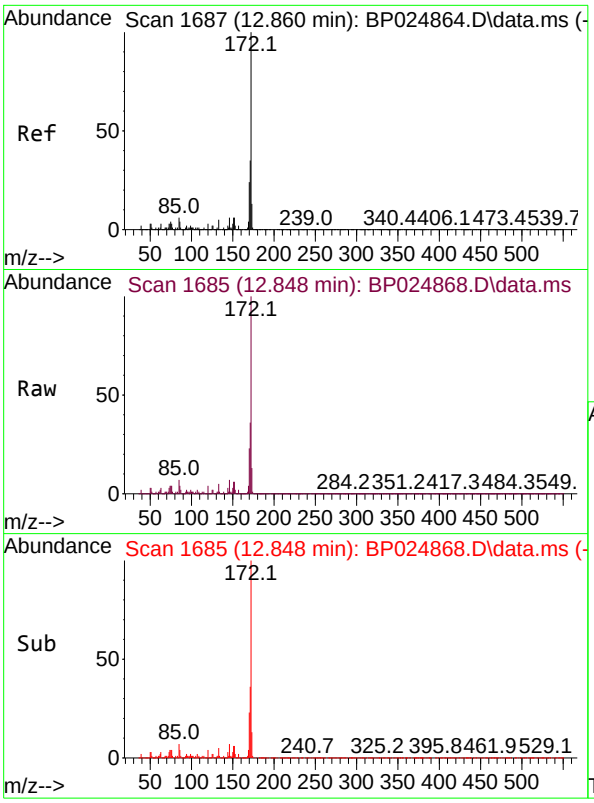


#44
2,4,5-Trichlorophenol
Concen: 39.064 ng
RT: 12.760 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:196 Resp: 585859

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.0	114.0
97	53.5	41.5	62.3
132	30.7	23.1	34.7

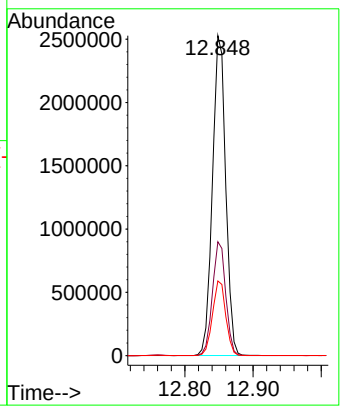




#45
2-Fluorobiphenyl
Concen: 62.434 ng
RT: 12.848 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:172 Resp: 340585

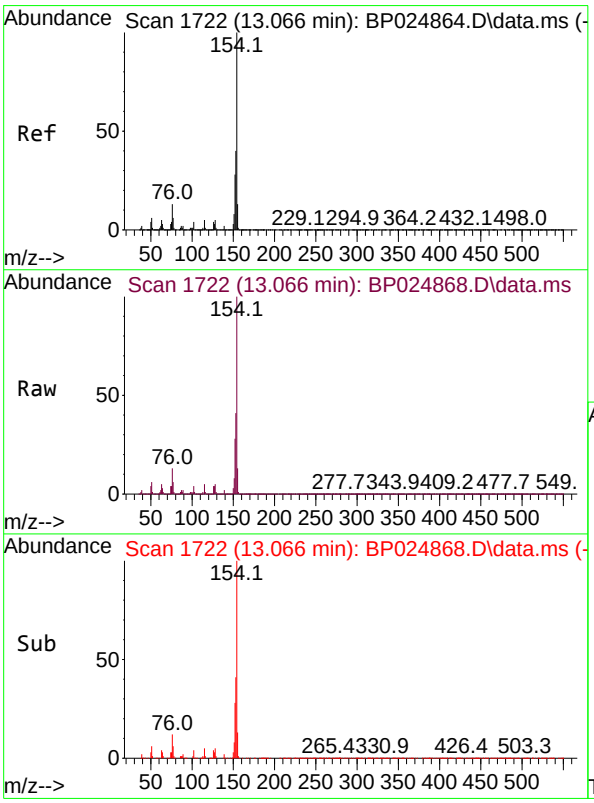
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

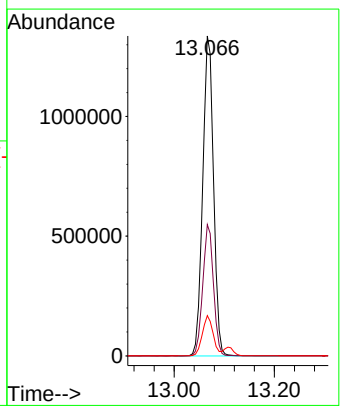
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

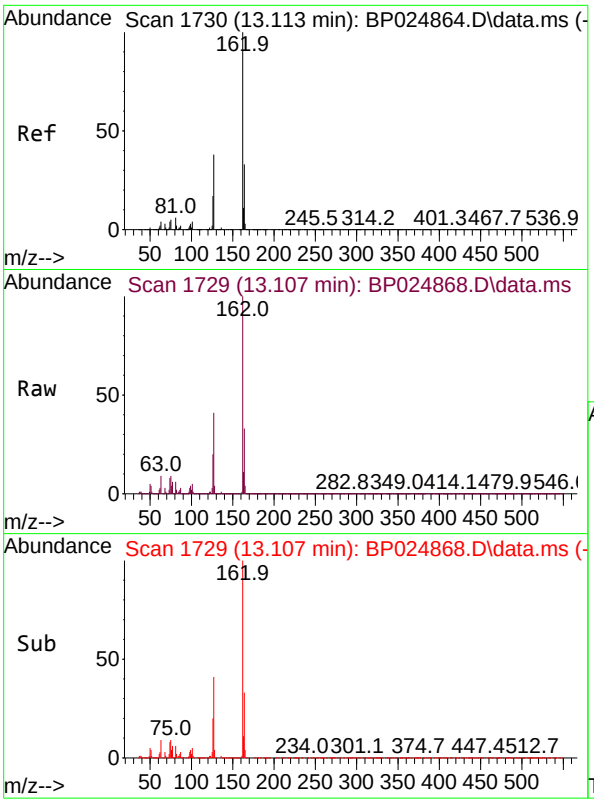


#46
1,1'-Biphenyl
Concen: 37.502 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:154 Resp: 2002791

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	12.6	0.0	33.0

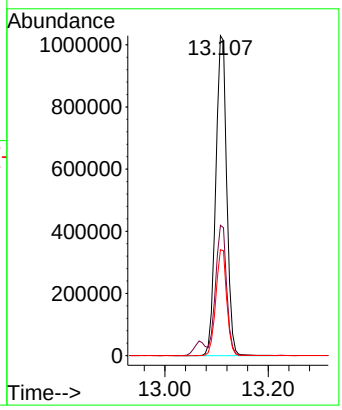




#47
2-Chloronaphthalene
Concen: 36.886 ng
RT: 13.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:162 Resp: 151403

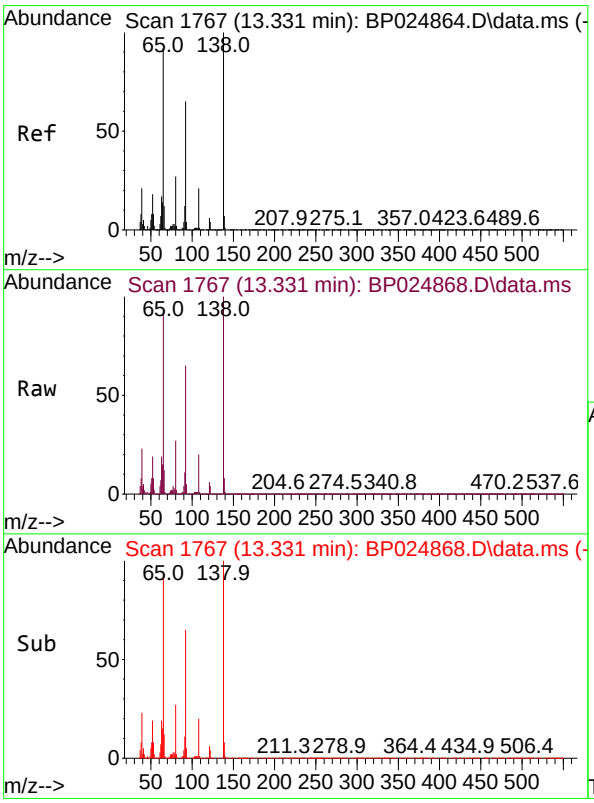
Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.5	48.7
164	33.1	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

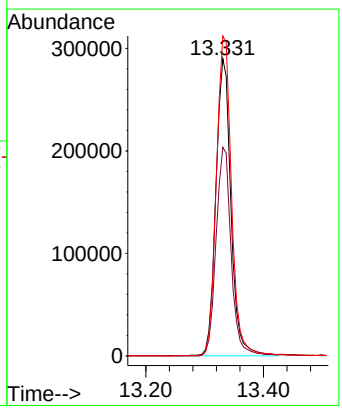
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

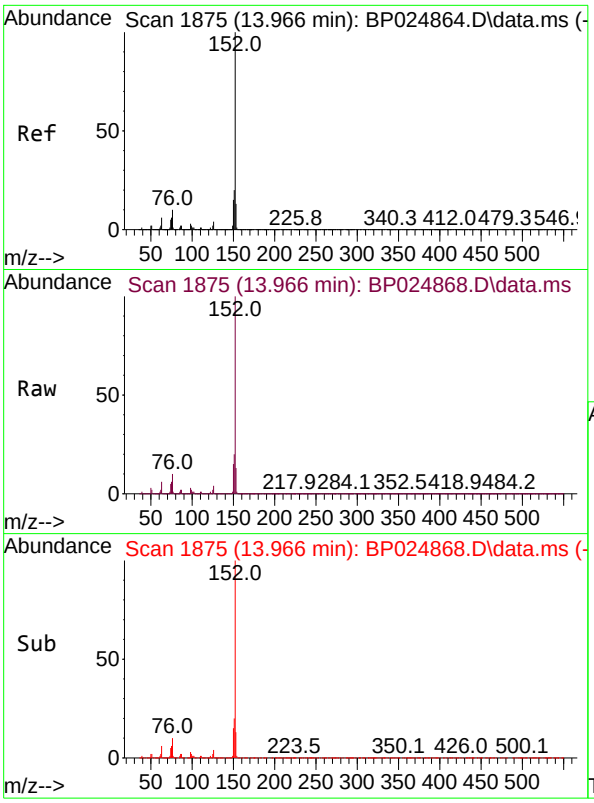


#48
2-Nitroaniline
Concen: 40.813 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 65 Resp: 515024

Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.8	85.2
138	107.7	86.9	130.3

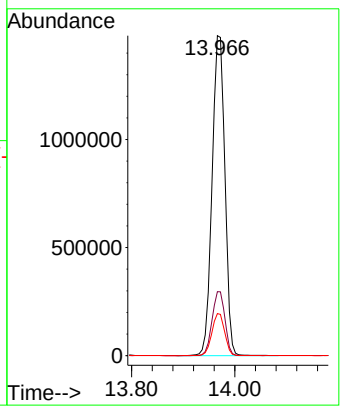




#49
Acenaphthylene
Concen: 37.274 ng
RT: 13.966 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:152 Resp: 255102

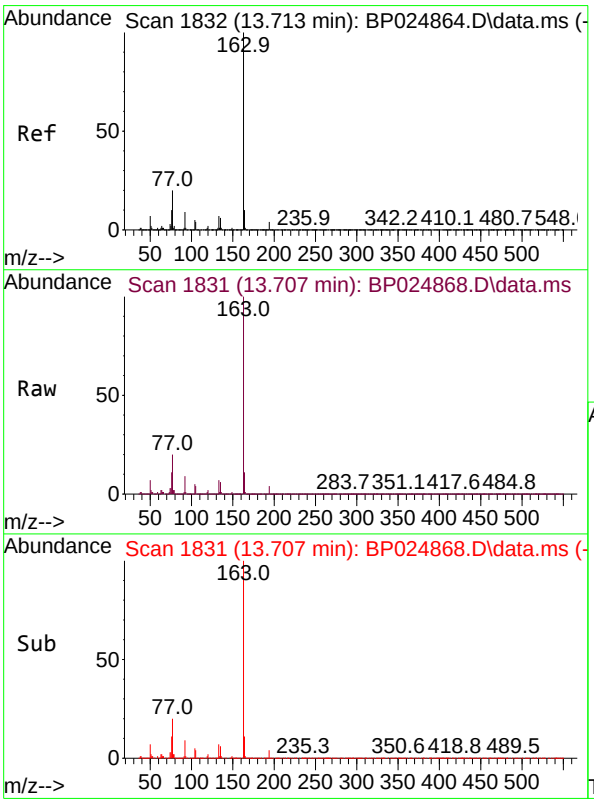
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

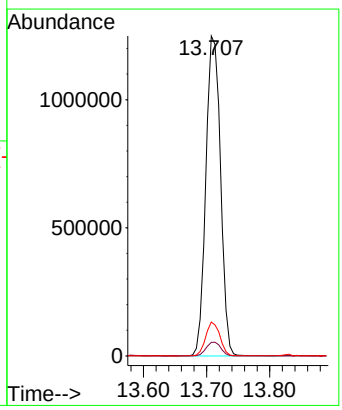
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

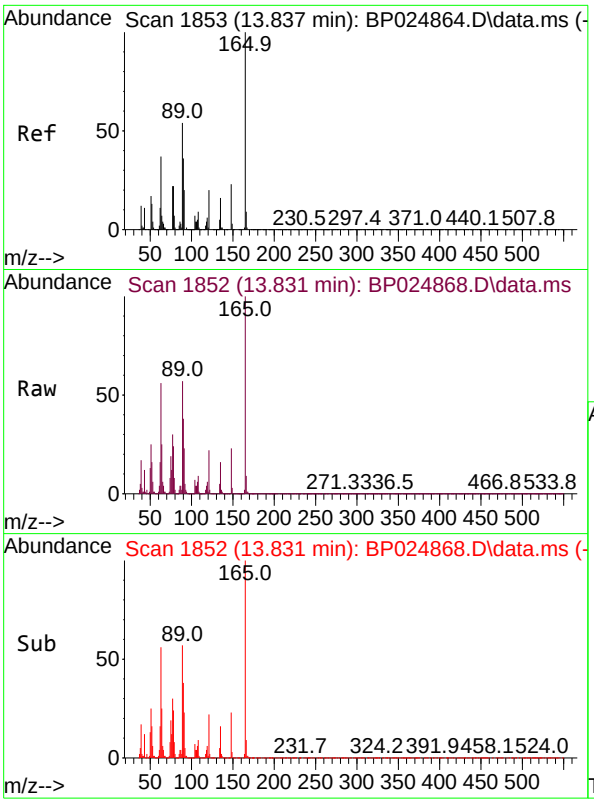


#50
Dimethylphthalate
Concen: 37.185 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:163 Resp: 2015820

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 38.111 ng
RT: 13.831 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

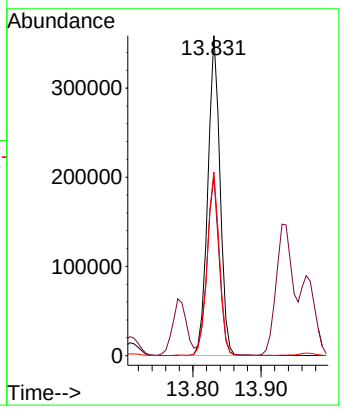
Tgt Ion:165 Resp: 44539

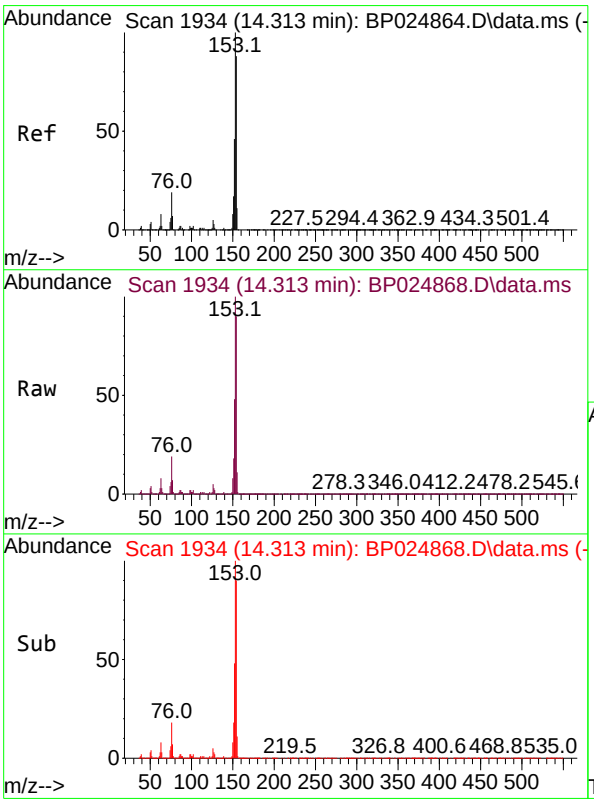
Ion	Ratio	Lower	Upper
165	100		
63	55.8	41.8	62.8
89	57.3	43.1	64.7

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

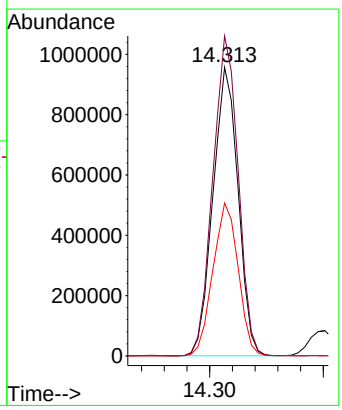


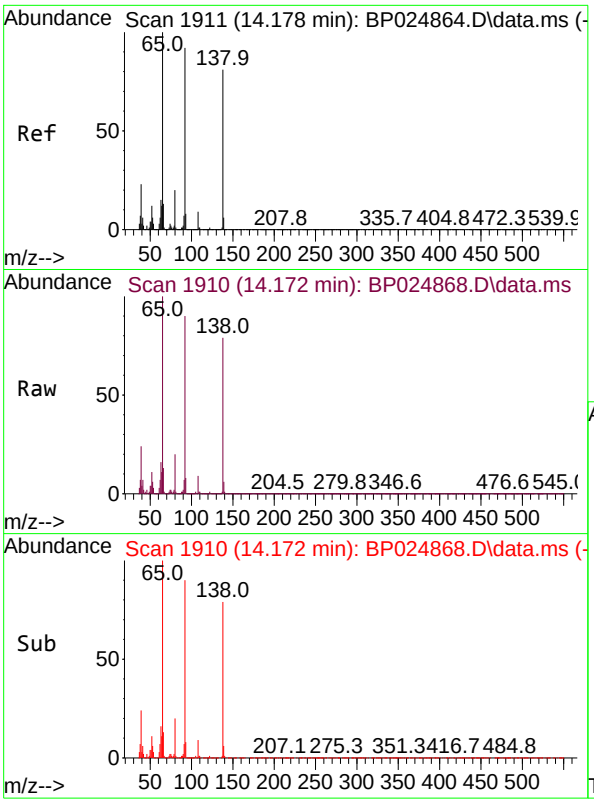


#52
Acenaphthene
Concen: 37.472 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:154 Resp: 1469566

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.5	135.7
152	53.0	42.1	63.1

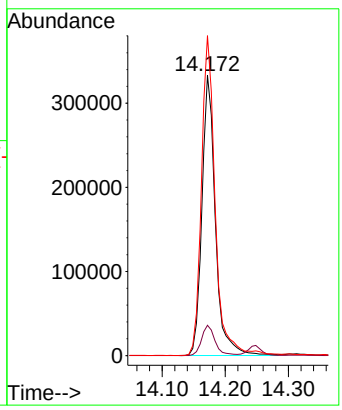




#53
3-Nitroaniline
Concen: 40.626 ng
RT: 14.172 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:138 Resp: 49271

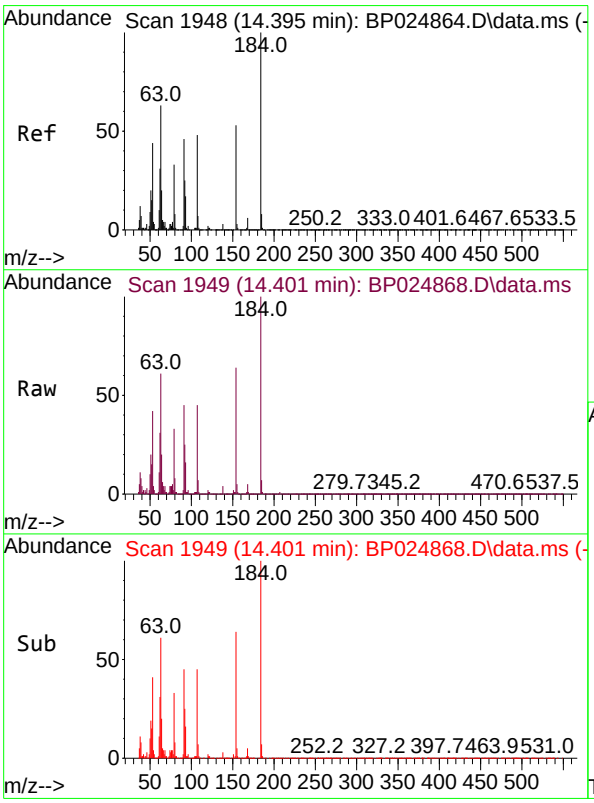
Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	114.2	91.3	136.9



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

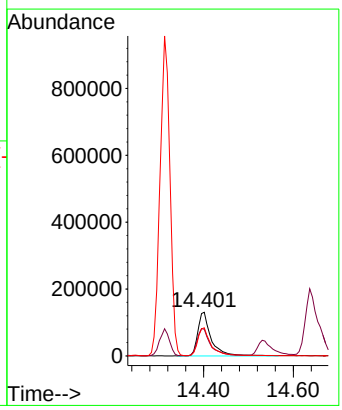
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

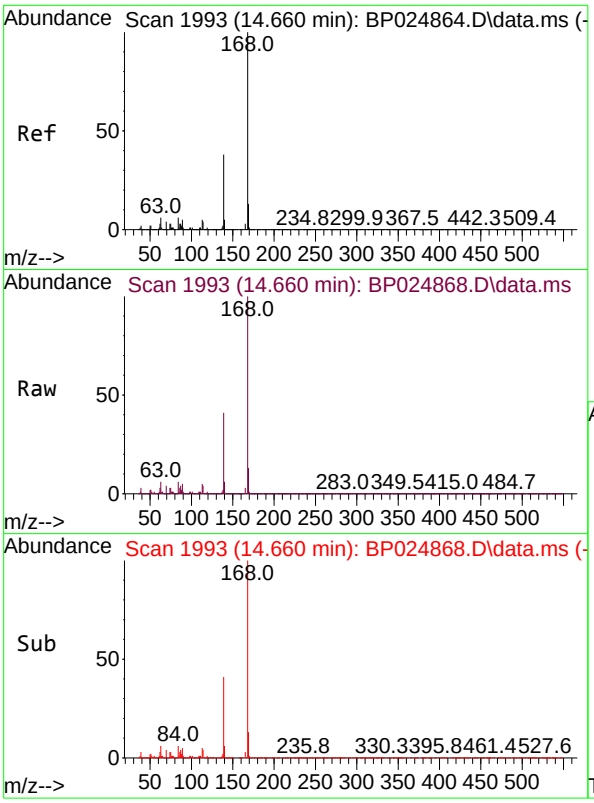


#54
2,4-Dinitrophenol
Concen: 38.197 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:184 Resp: 266900

Ion	Ratio	Lower	Upper
184	100		
63	61.0	51.0	76.4
154	64.2	51.7	77.5

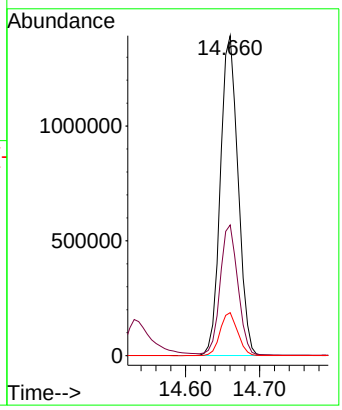




#55
Dibenzofuran
Concen: 36.605 ng
RT: 14.660 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:168 Resp: 230434

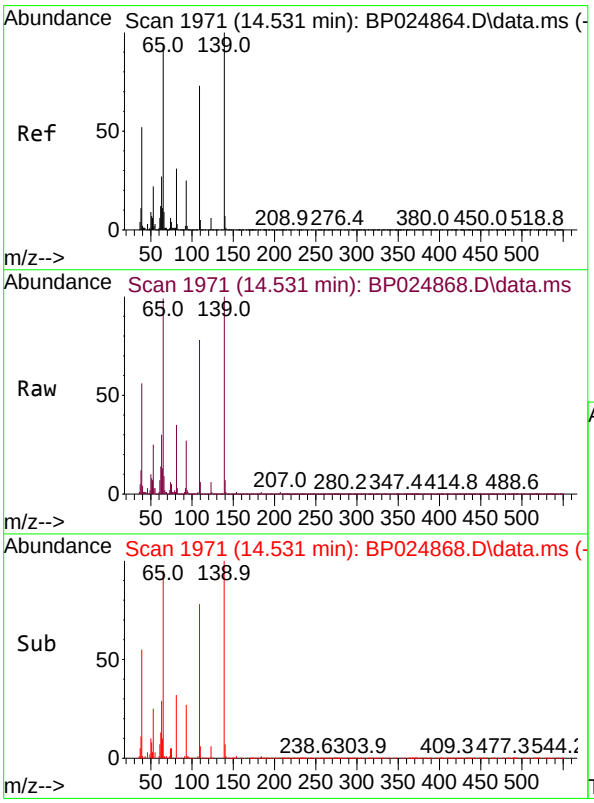
Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.6	47.4
169	13.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

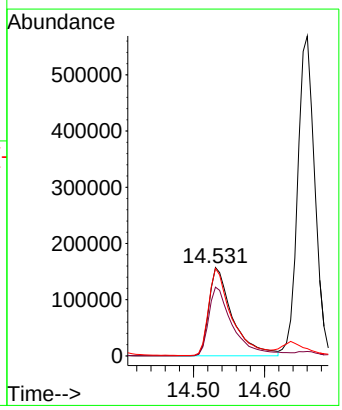
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

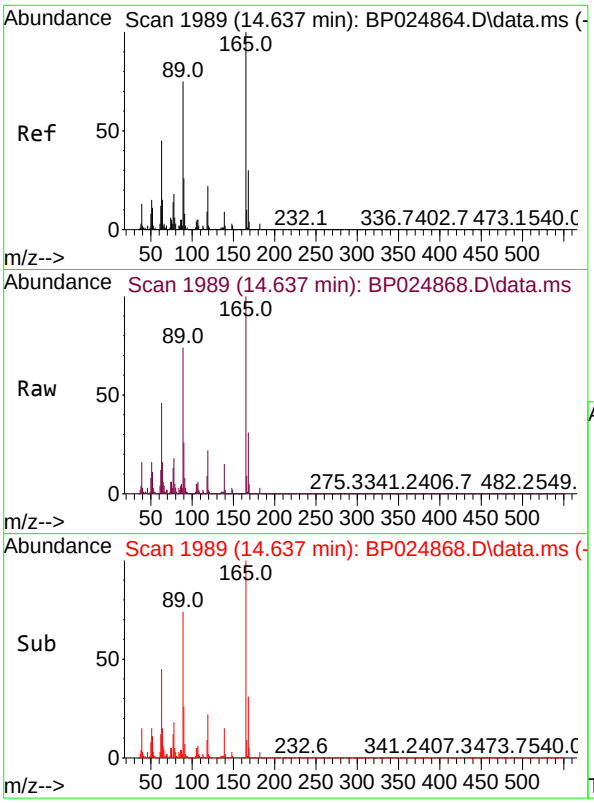


#56
4-Nitrophenol
Concen: 38.363 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:139 Resp: 362887

Ion	Ratio	Lower	Upper
139	100		
109	77.7	53.1	93.1
65	99.0	73.0	113.0

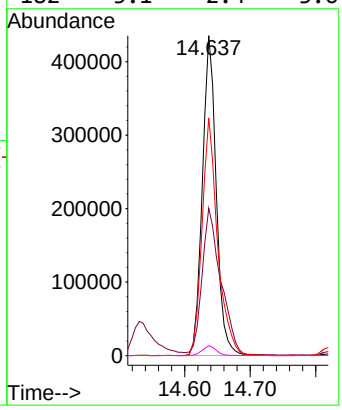




#57
2,4-Dinitrotoluene
Concen: 38.936 ng
RT: 14.637 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:165 Resp: 63651

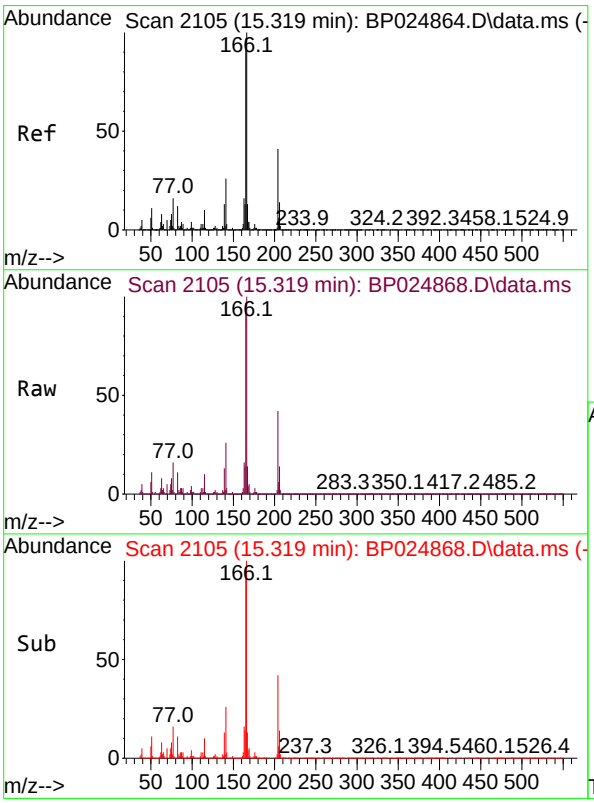
Ion	Ratio	Lower	Upper
165	100		
63	46.1	37.0	55.6
89	74.3	60.1	90.1
182	3.1	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

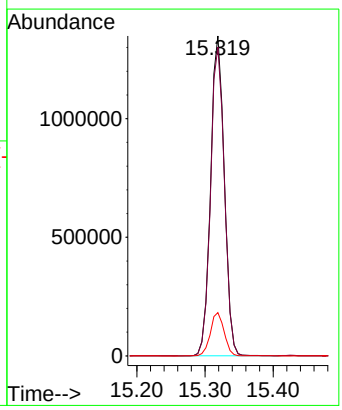
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

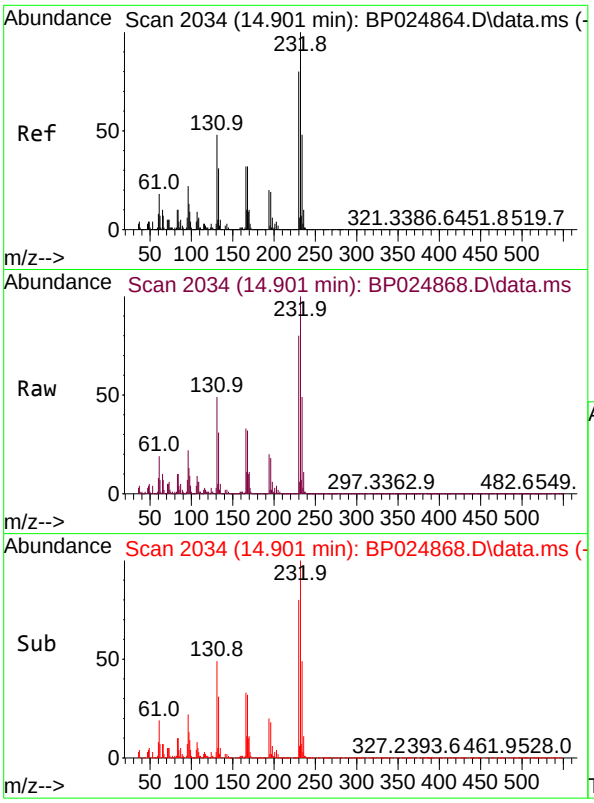


#58
Fluorene
Concen: 37.043 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:166 Resp: 1883765

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.7	116.5
167	13.5	10.6	16.0

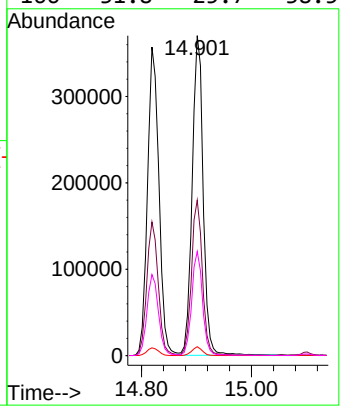




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.401 ng
RT: 14.901 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:232 Resp: 514561

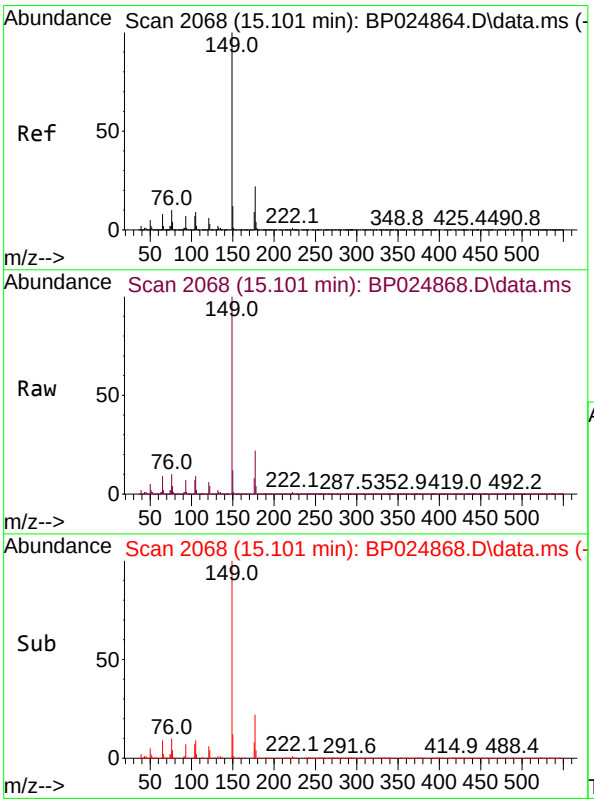
Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	2.6	2.1	3.1
166	31.8	25.7	38.5



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

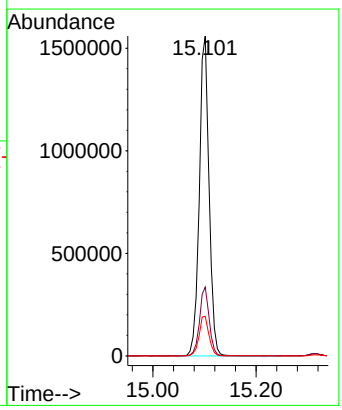
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

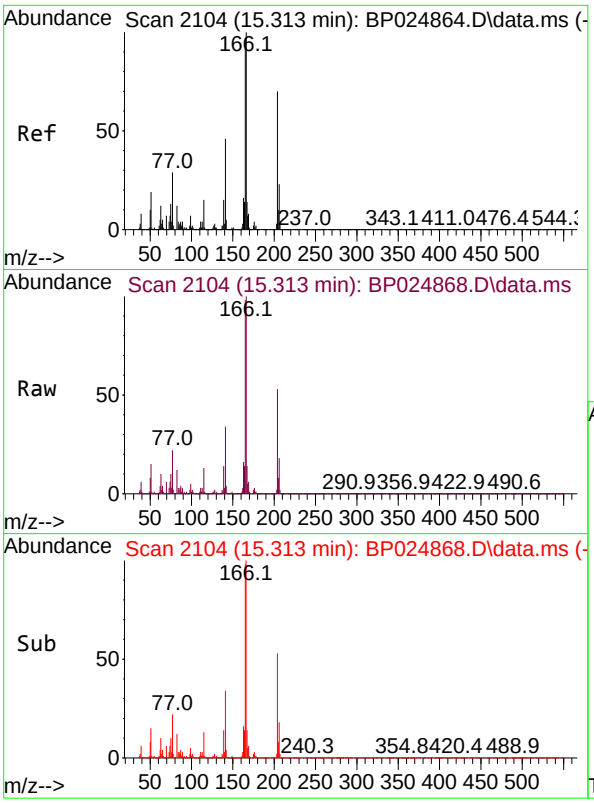


#60
Diethylphthalate
Concen: 37.642 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 2033664

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	12.4	9.8	14.6

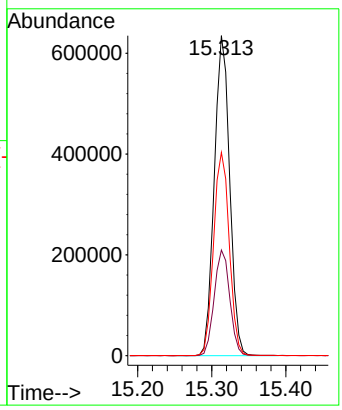




#61
4-Chlorophenyl-phenylether
Concen: 36.814 ng
RT: 15.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:204 Resp: 91538

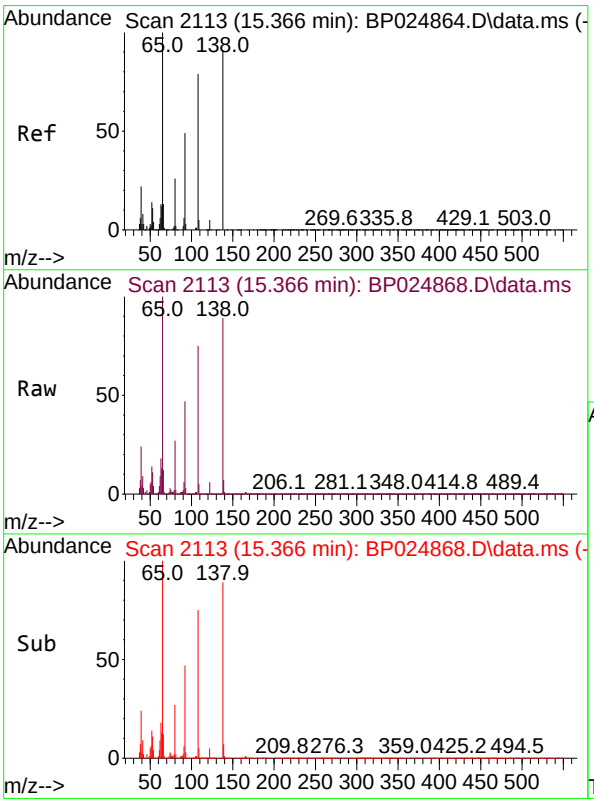
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	63.5	52.4	78.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

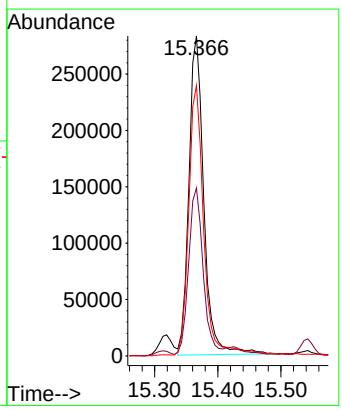
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

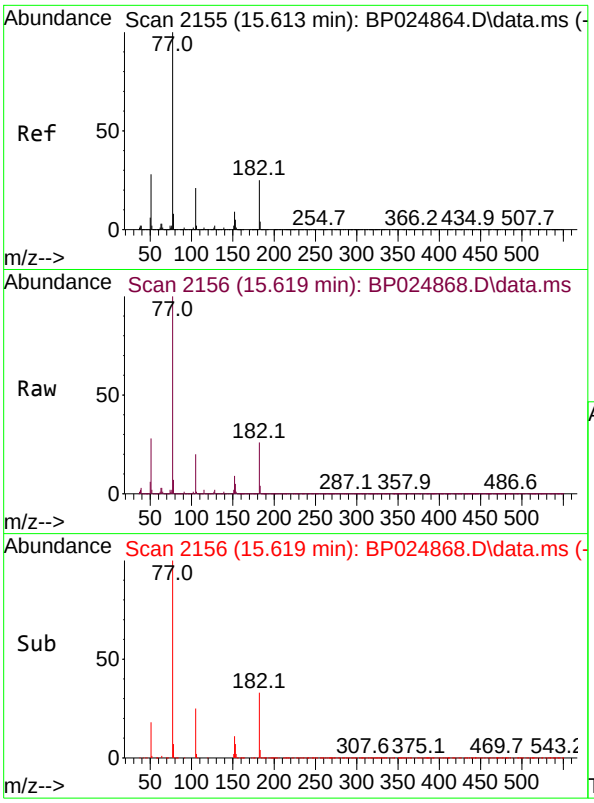


#62
4-Nitroaniline
Concen: 42.233 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:138 Resp: 464418

Ion	Ratio	Lower	Upper
138	100		
92	52.5	33.5	73.5
108	84.5	65.1	105.1

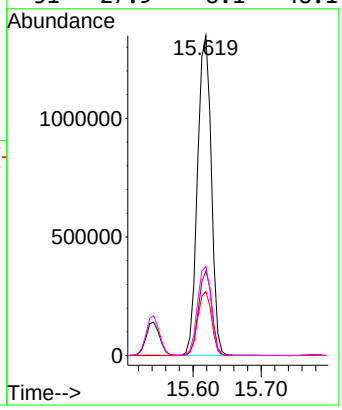




#63
Azobenzene
Concen: 38.217 ng
RT: 15.619 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 77 Resp: 189366

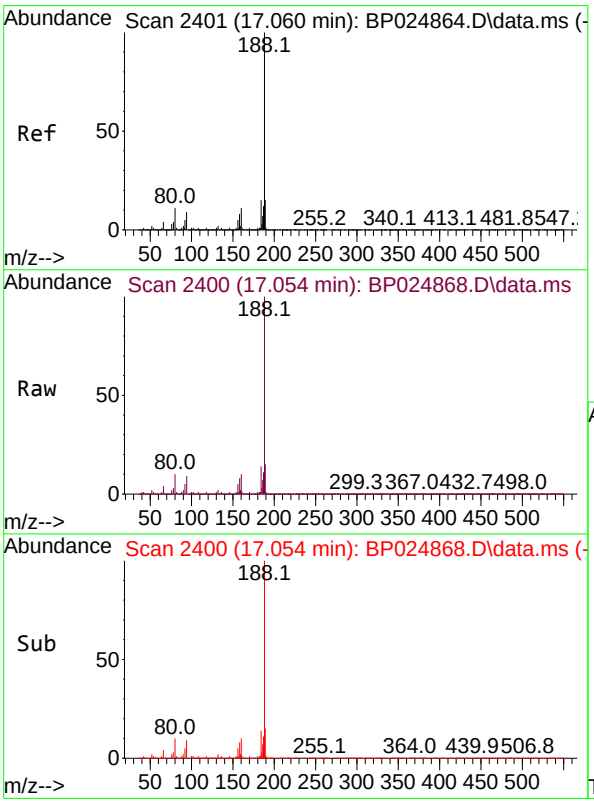
Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.4	45.4
105	20.0	0.8	40.8
51	27.9	8.1	48.1



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

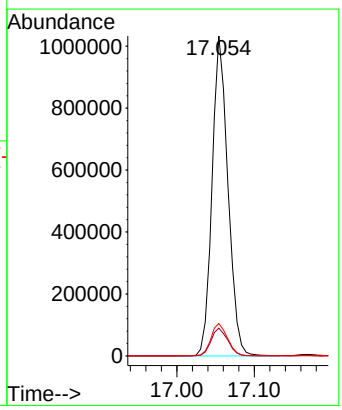
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

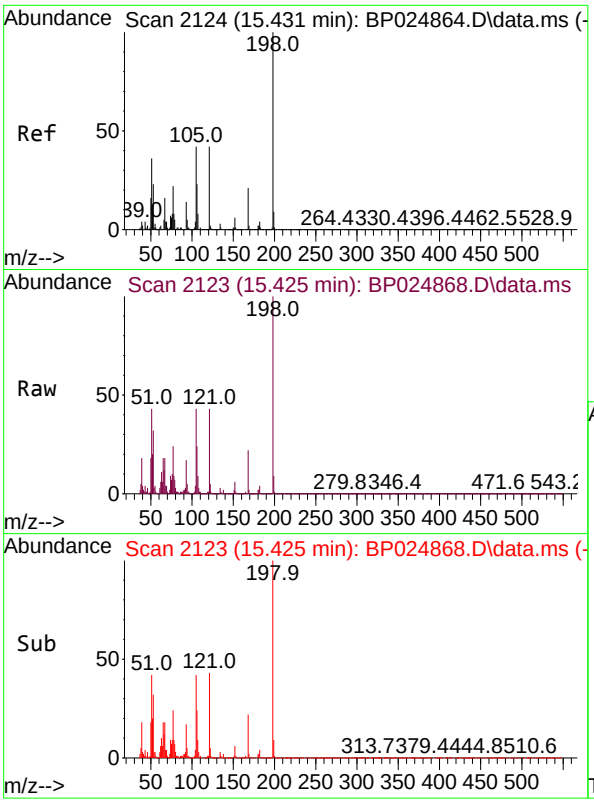


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:188 Resp: 1466437

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	10.1	8.5	12.7

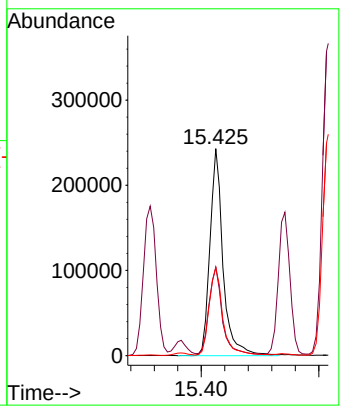




#65
4,6-Dinitro-2-methylphenol
Concen: 38.956 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:198 Resp: 37537

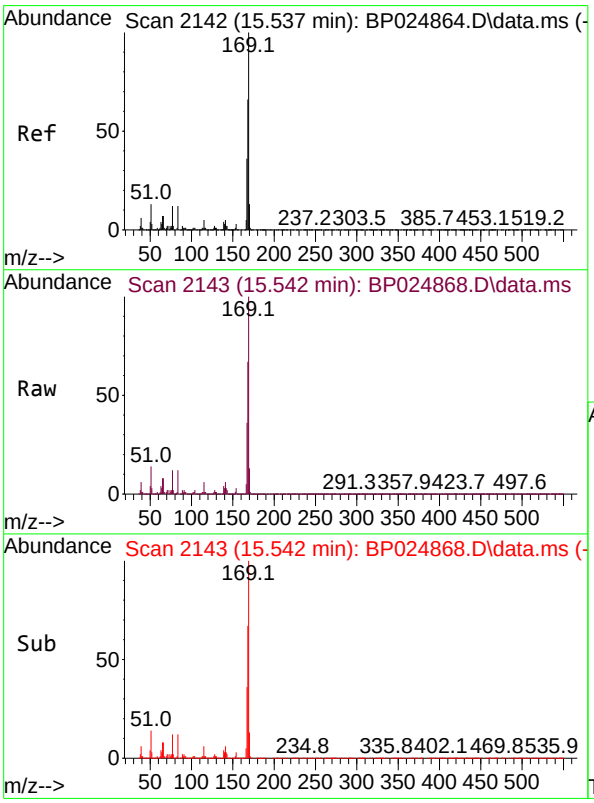
Ion	Ratio	Lower	Upper
198	100		
51	42.7	19.2	59.2
105	42.6	22.6	62.6



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

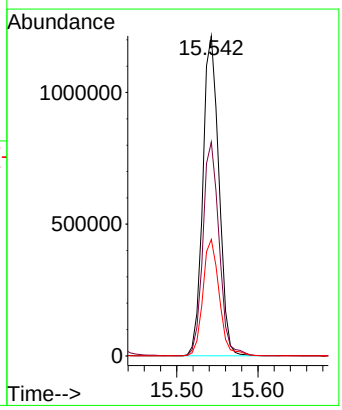
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

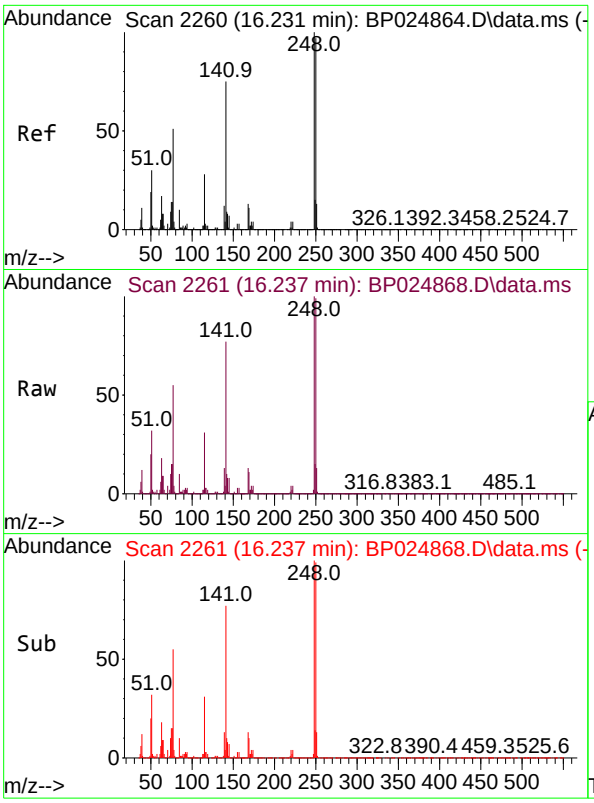


#66
n-Nitrosodiphenylamine
Concen: 36.846 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:169 Resp: 1674745

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.6
167	36.4	28.6	43.0





#67
4-Bromophenyl-phenylether
Concen: 35.890 ng
RT: 16.237 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

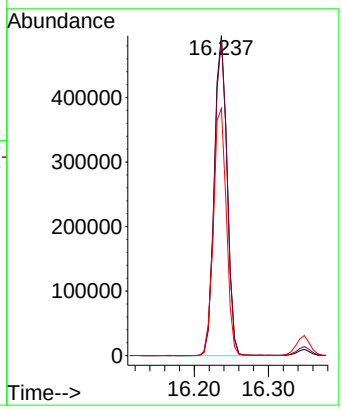
Tgt Ion:248 Resp: 59384

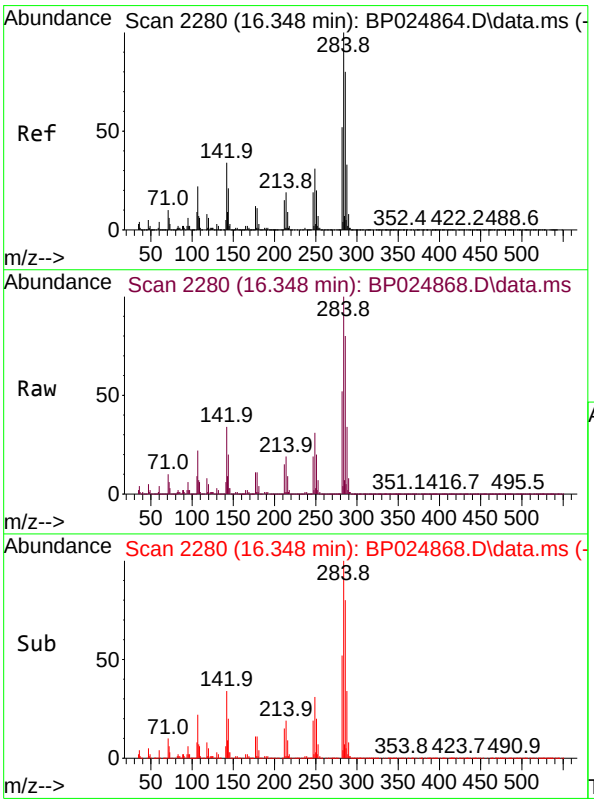
Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.4	116.2
141	77.2	59.9	89.9

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

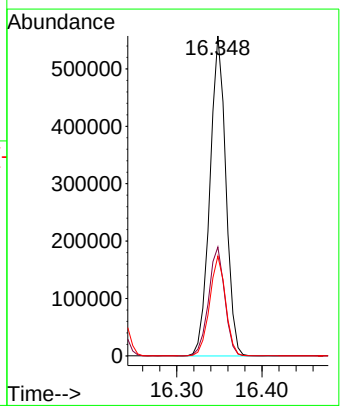


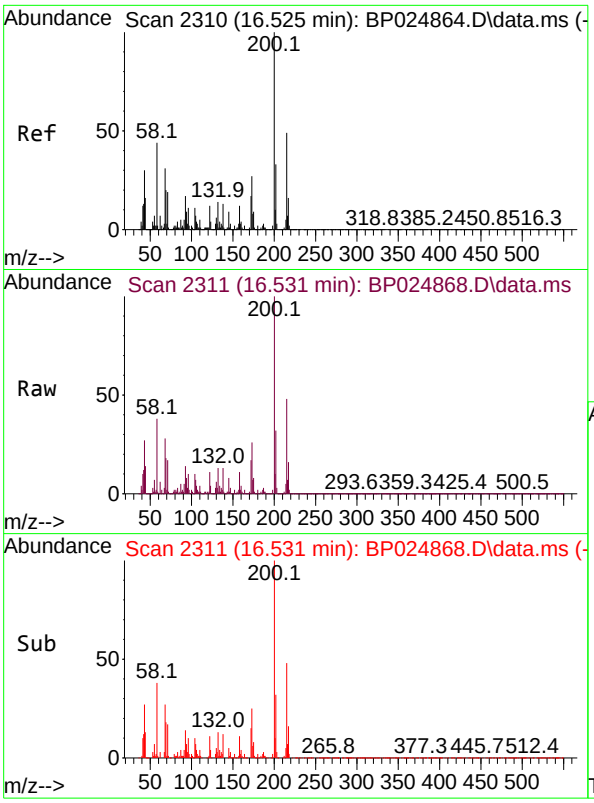


#68
Hexachlorobenzene
Concen: 36.182 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:284 Resp: 725771

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.2	25.0	37.6

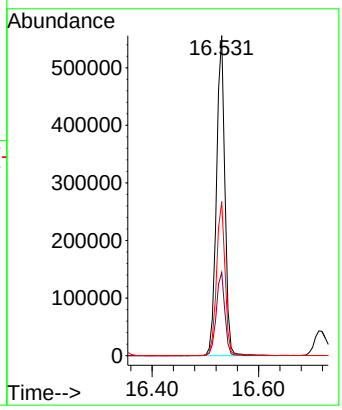




#69
Atrazine
Concen: 37.108 ng
RT: 16.531 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:200 Resp: 61144

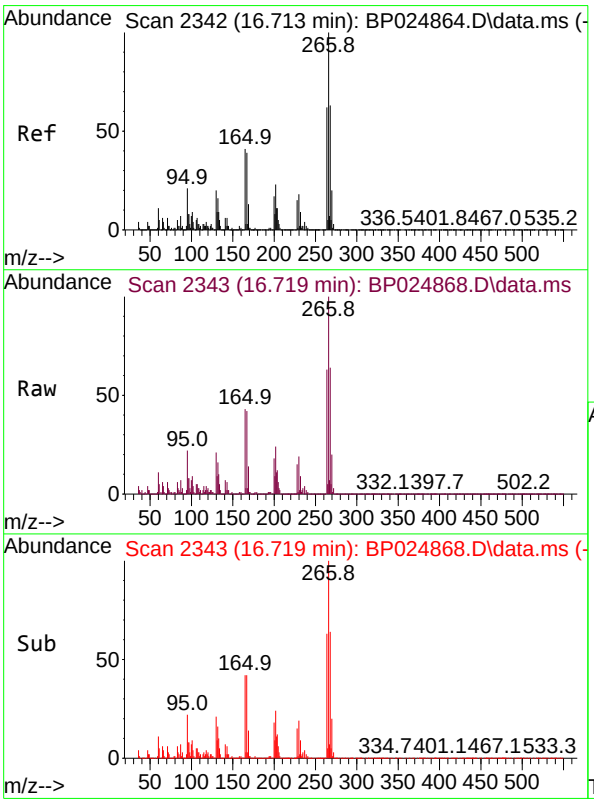
Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.9	46.9
215	48.1	28.7	68.7



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

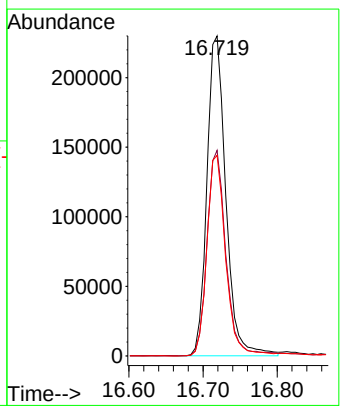
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

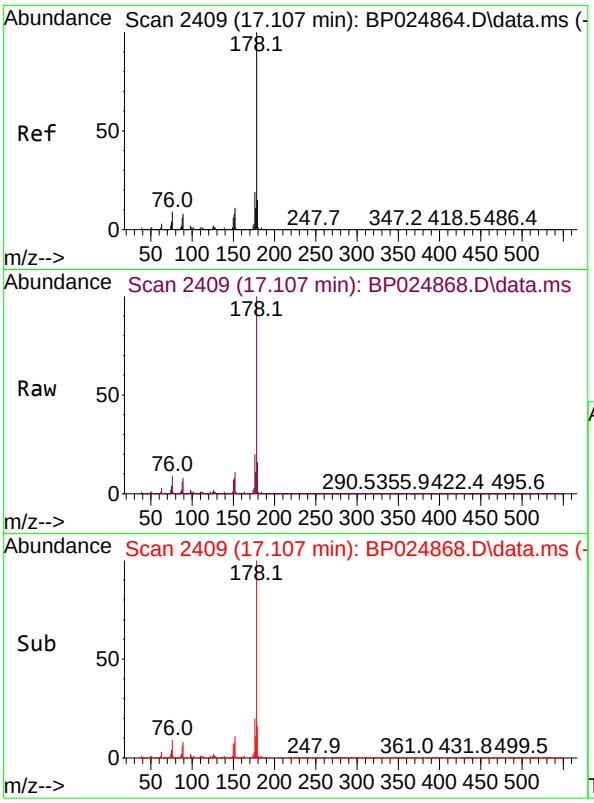


#70
Pentachlorophenol
Concen: 39.247 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:266 Resp: 407441

Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	76.0
264	62.7	49.7	74.5

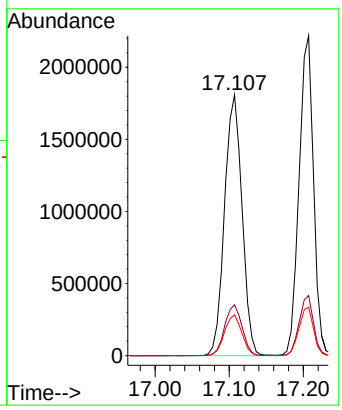




#71
Phenanthrene
Concen: 36.595 ng
RT: 17.107 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:178 Resp: 296553

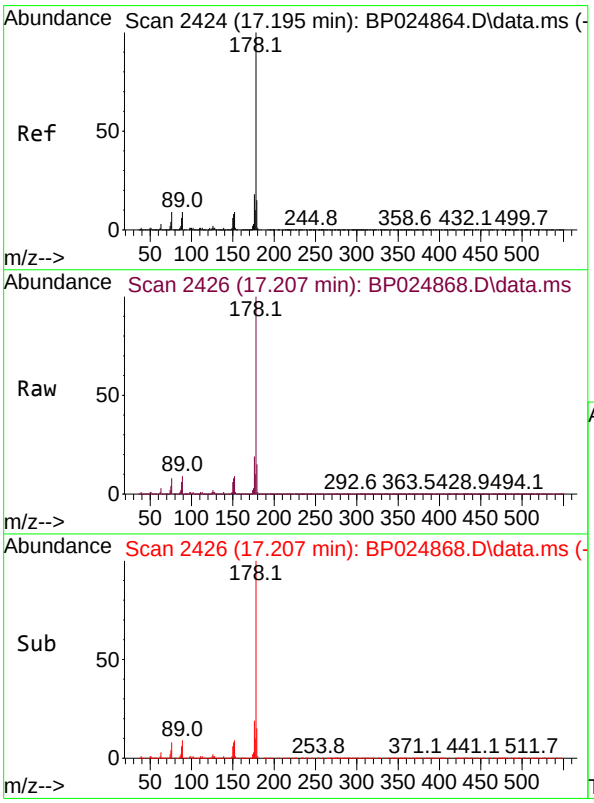
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

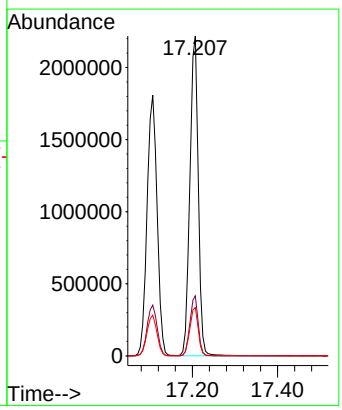
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

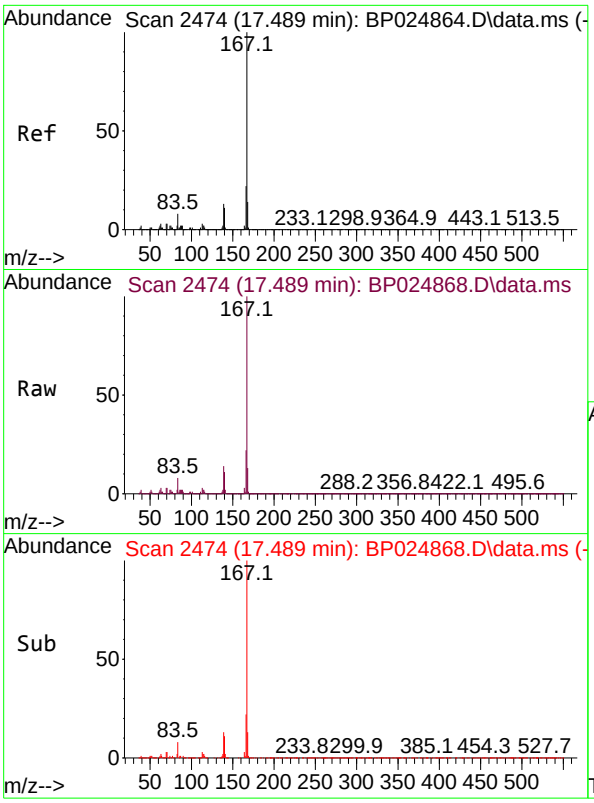


#72
Anthracene
Concen: 36.903 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:178 Resp: 3028697

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.1	12.3	18.5

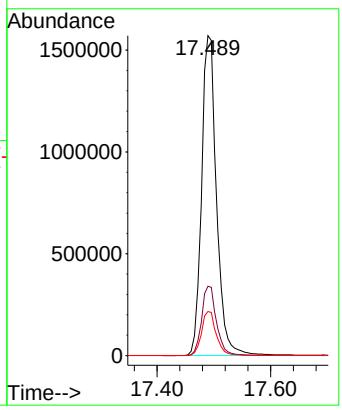




#73
Carbazole
Concen: 37.755 ng
RT: 17.489 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:167 Resp: 287212

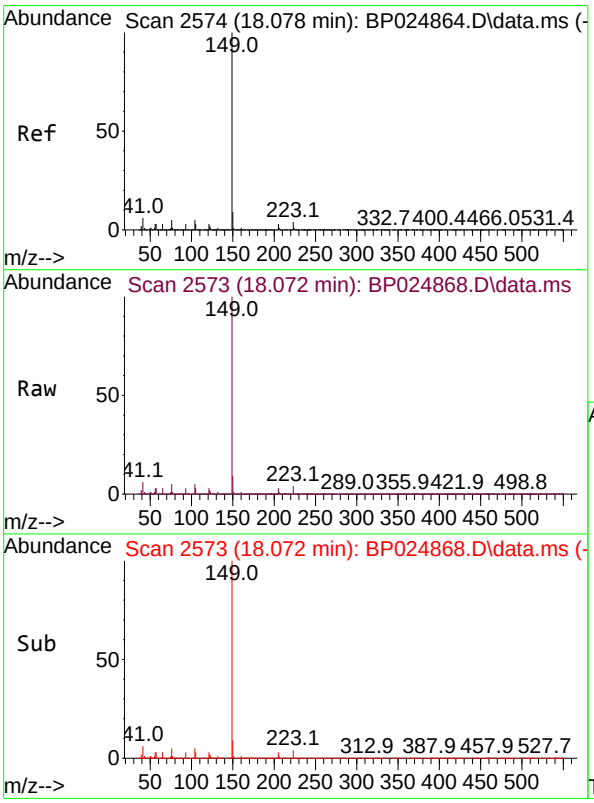
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.8	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

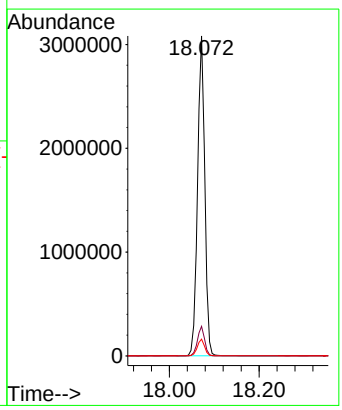
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

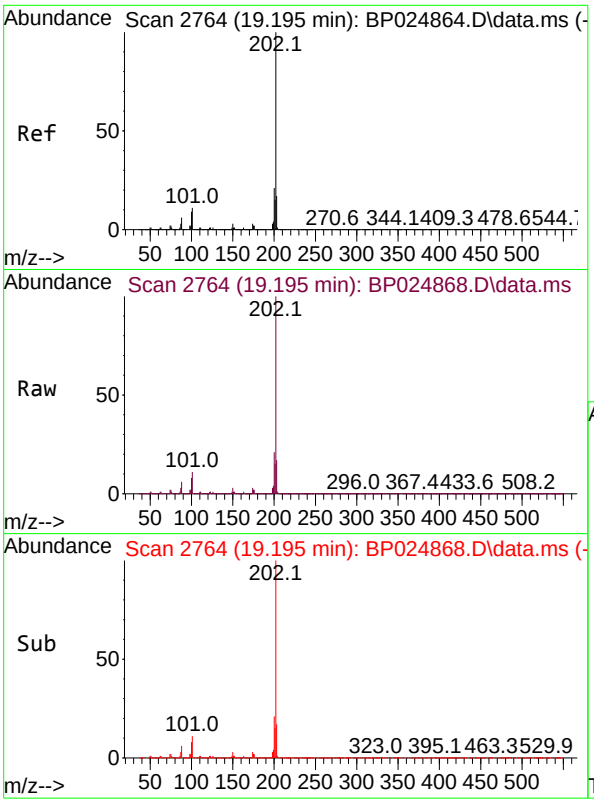


#74
Di-n-butylphthalate
Concen: 36.500 ng
RT: 18.072 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 3440228

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.2	6.2

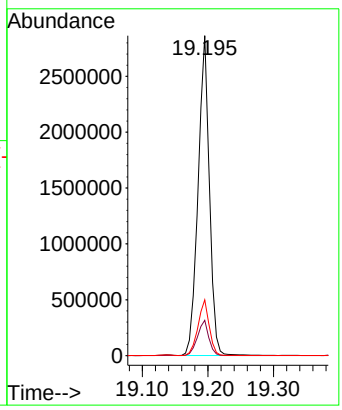




#75
Fluoranthene
Concen: 36.337 ng
RT: 19.195 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:202 Resp: 341302

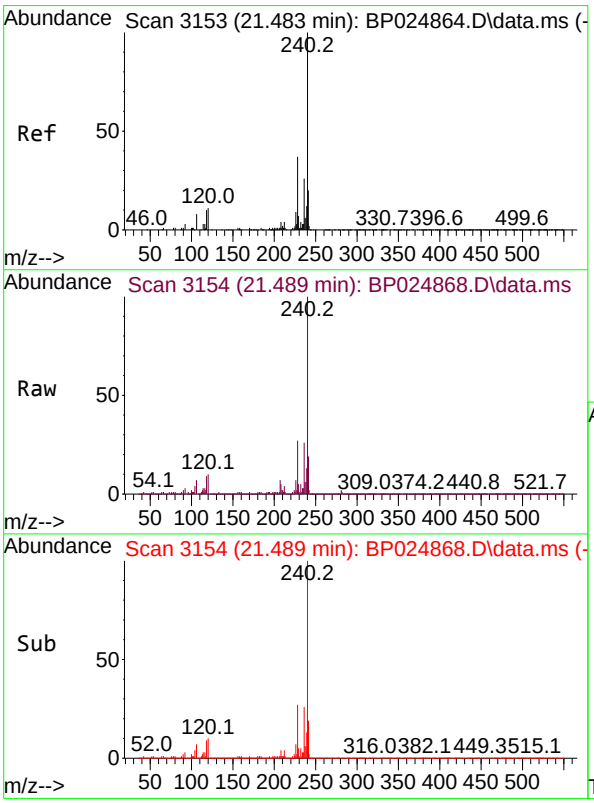
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.4	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

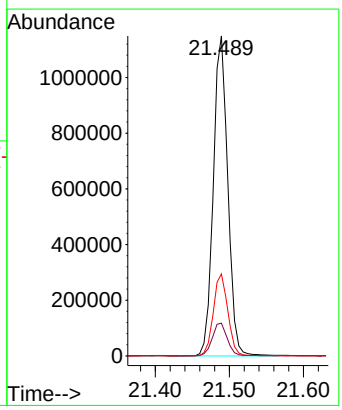
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

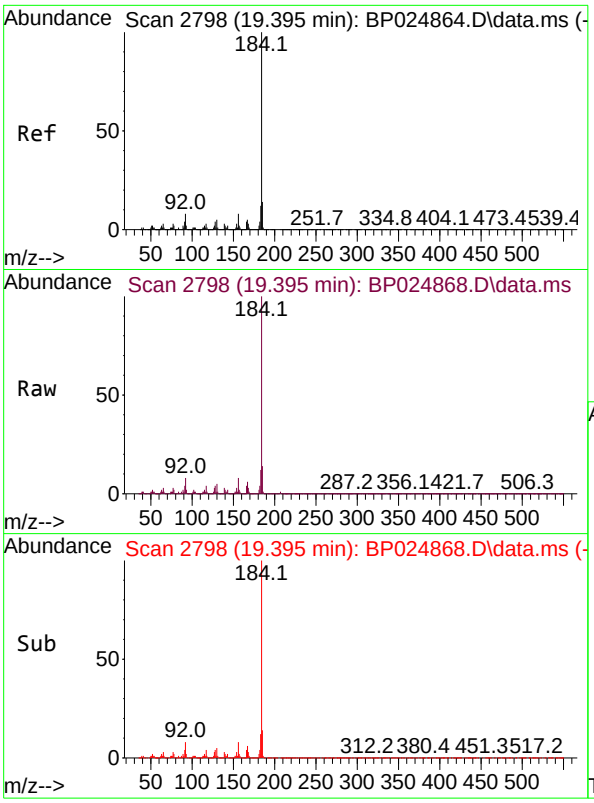


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:240 Resp: 1557824

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.6	20.9	31.3

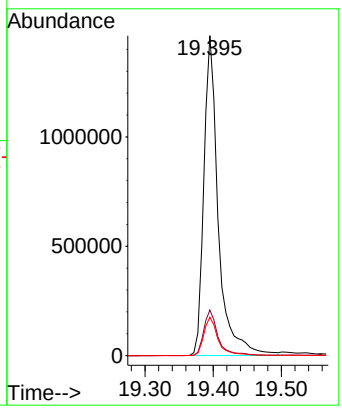




#77
Benzidine
Concen: 44.696 ng
RT: 19.395 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:184 Resp: 215650

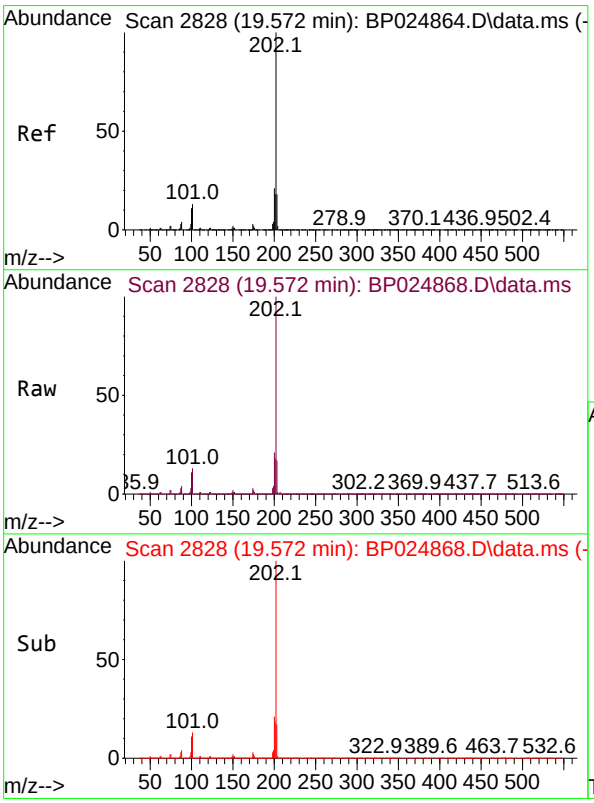
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	12.0	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

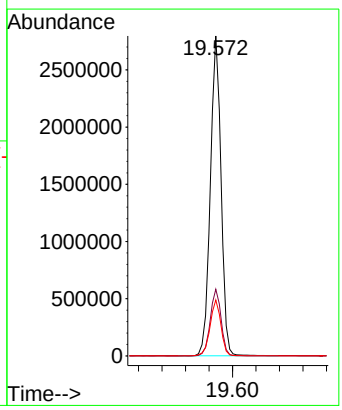
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

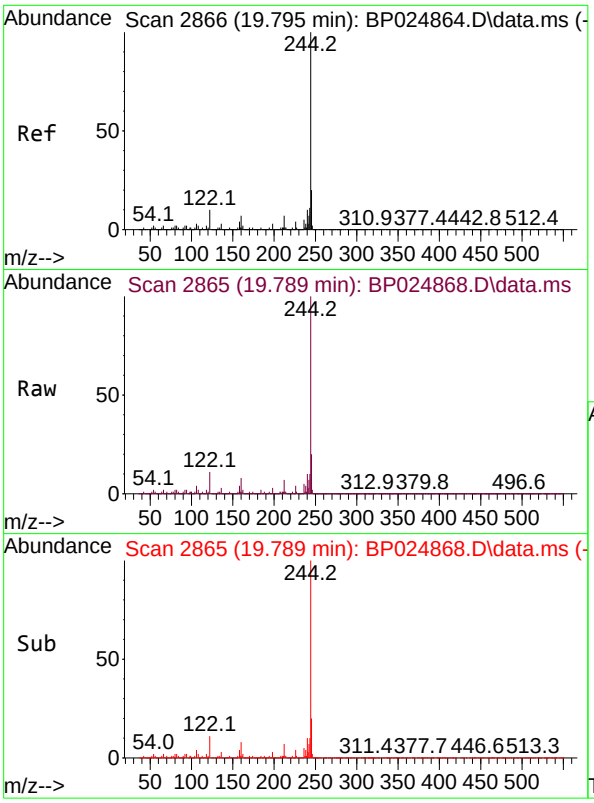


#78
Pyrene
Concen: 36.241 ng
RT: 19.572 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:202 Resp: 3527120

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.5	14.0	21.0

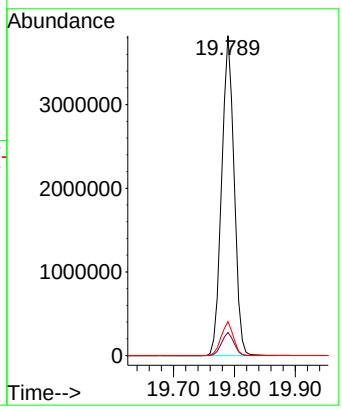




#79
Terphenyl-d14
Concen: 62.551 ng
RT: 19.789 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:244 Resp: 543696

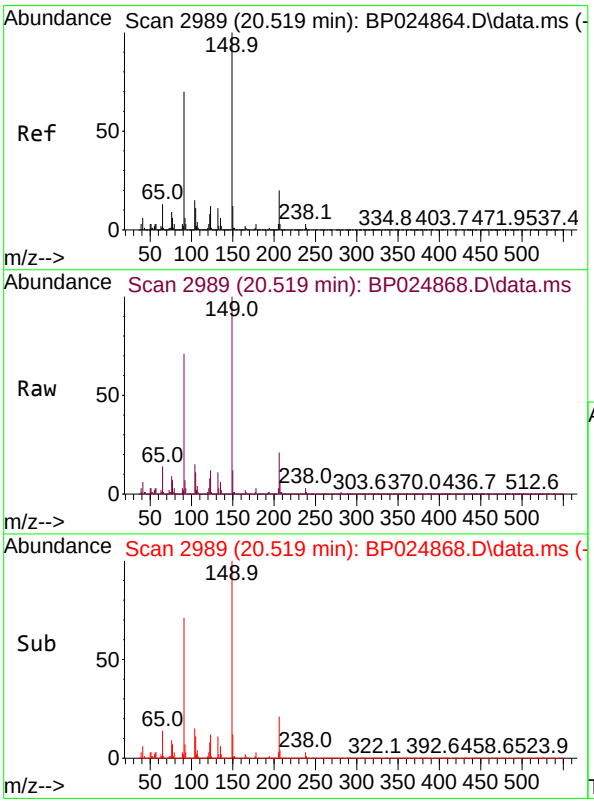
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.6	7.7	11.5



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

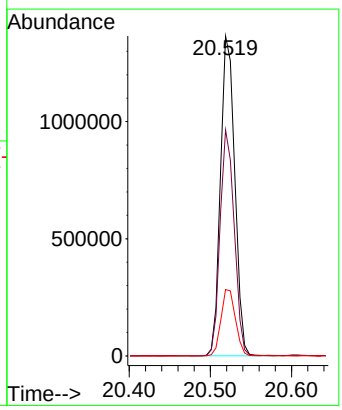
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

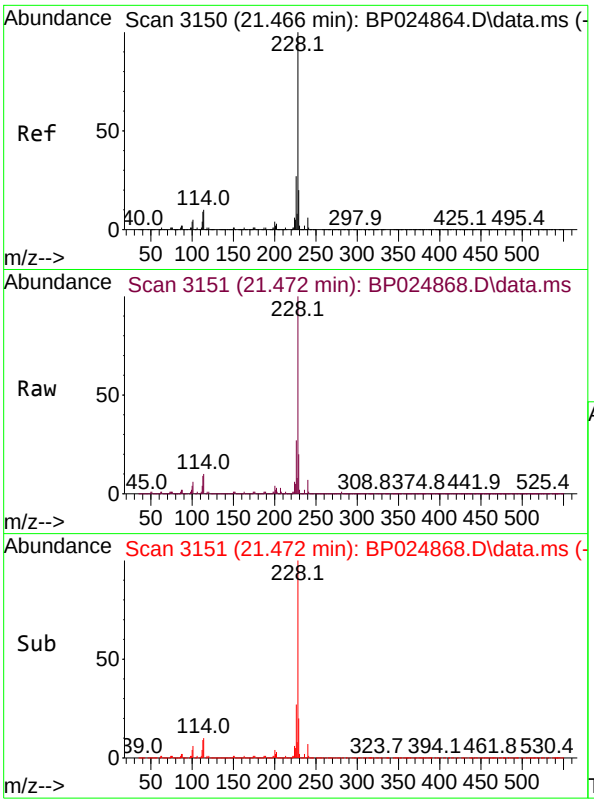


#80
Butylbenzylphthalate
Concen: 37.347 ng
RT: 20.519 min Scan# 2989
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 1664895

Ion	Ratio	Lower	Upper
149	100		
91	70.6	55.8	83.8
206	20.7	16.2	24.2

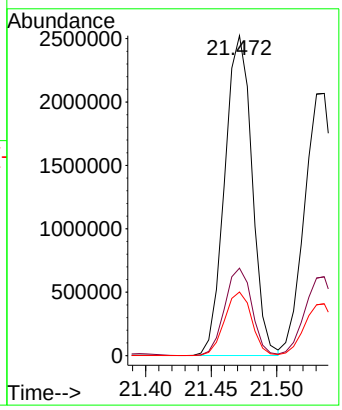




#81
Benzo(a)anthracene
Concen: 36.741 ng
RT: 21.472 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:228 Resp: 366073

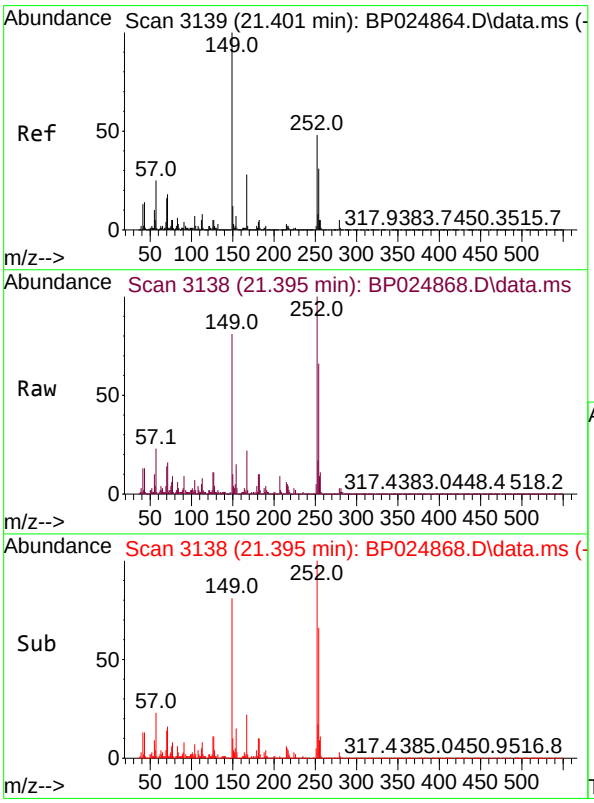
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

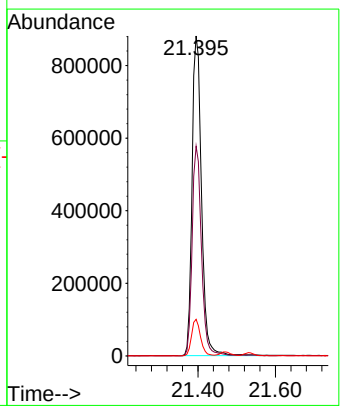
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

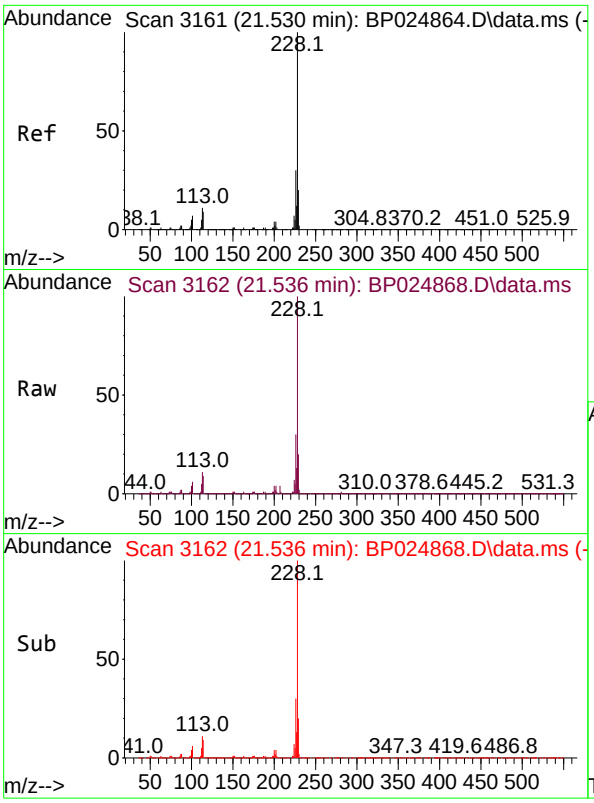


#82
3,3'-Dichlorobenzidine
Concen: 37.613 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:252 Resp: 1487801

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.2	76.8
126	11.4	8.6	12.8

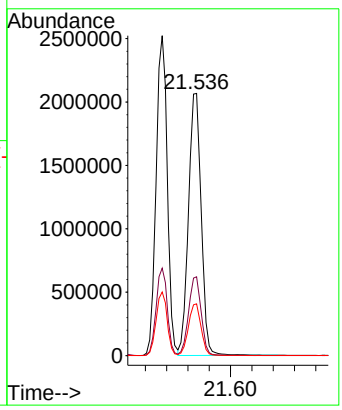




#83
Chrysene
Concen: 36.421 ng
RT: 21.536 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:228 Resp: 343839

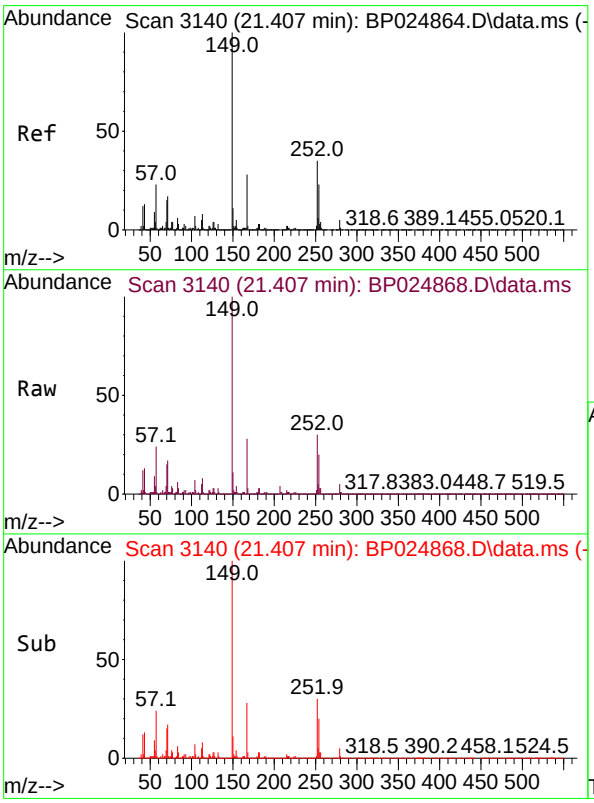
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

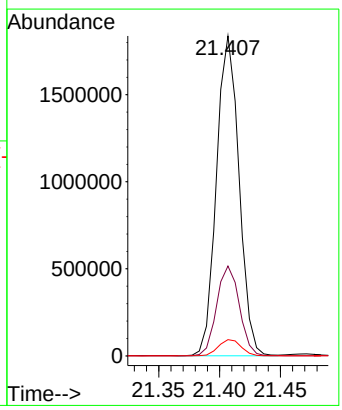
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

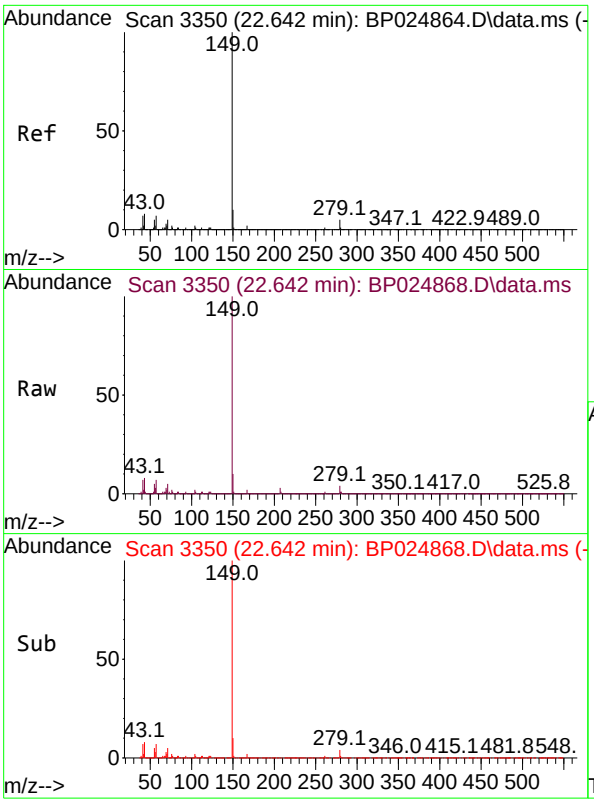


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.041 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 2365859

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.1	4.0	6.0

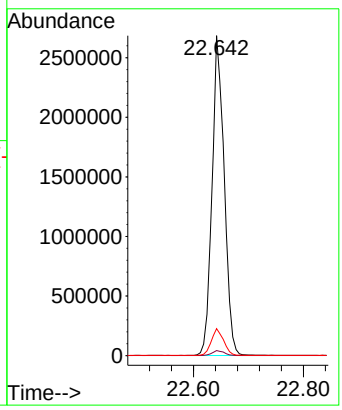




#85
Di-n-octyl phthalate
Concen: 36.654 ng
RT: 22.642 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 412647

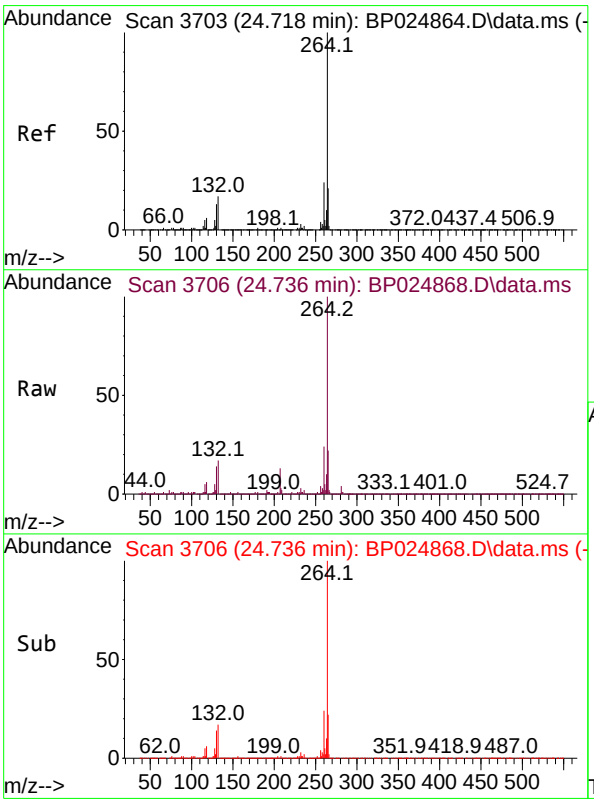
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

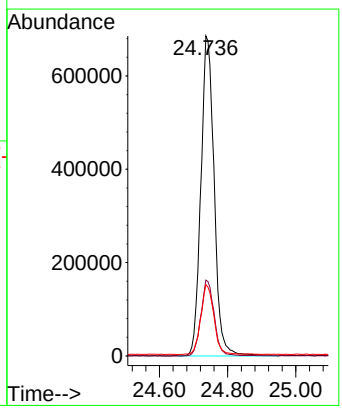
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

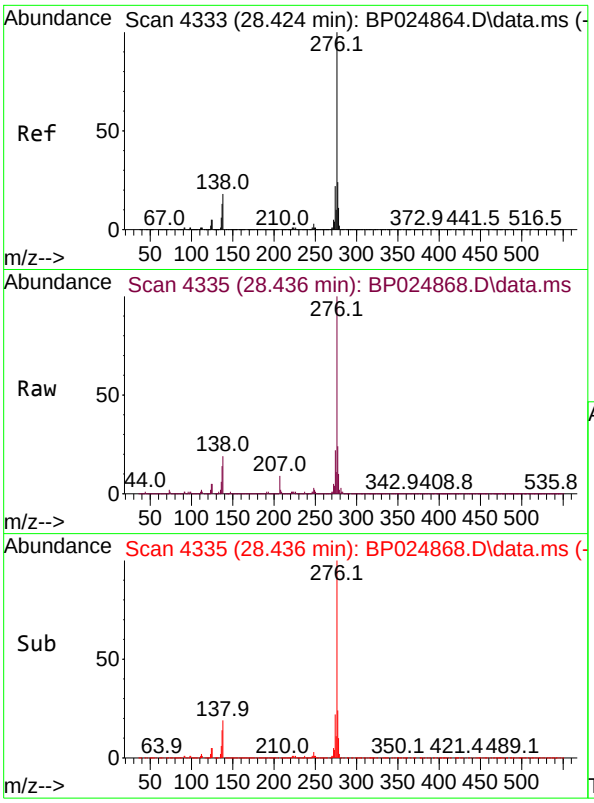


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:264 Resp: 1860226

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.3	17.4	26.0

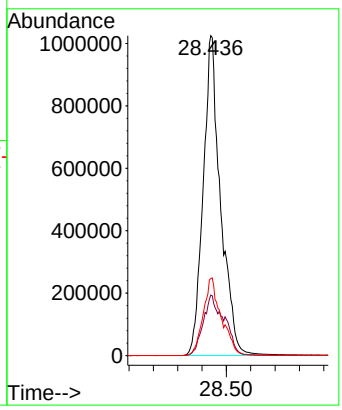




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.578 ng
RT: 28.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:276 Resp: 5100289

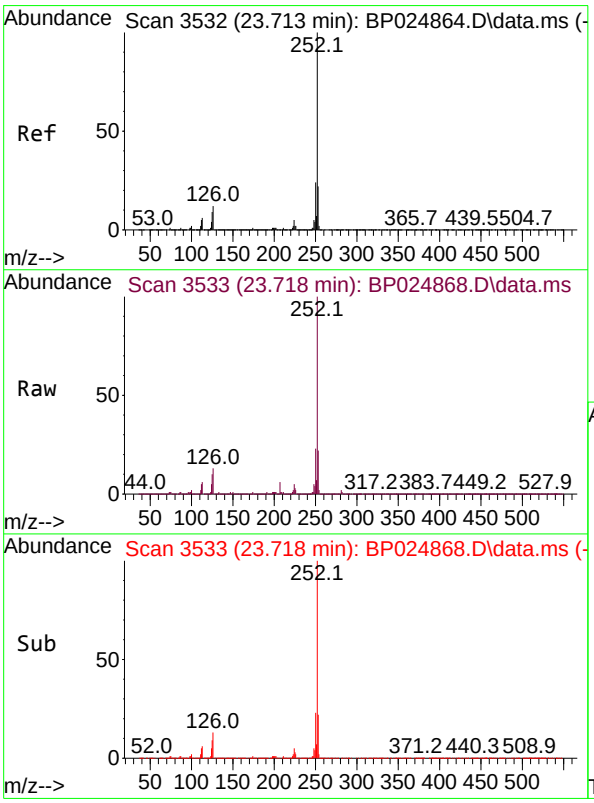
Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	27.8
277	25.3	20.2	30.4



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

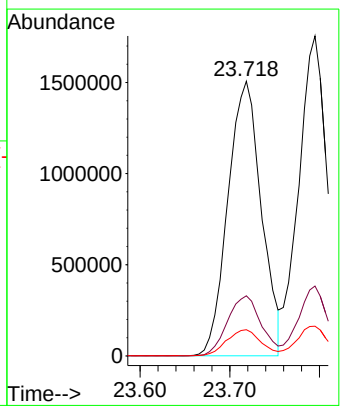
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

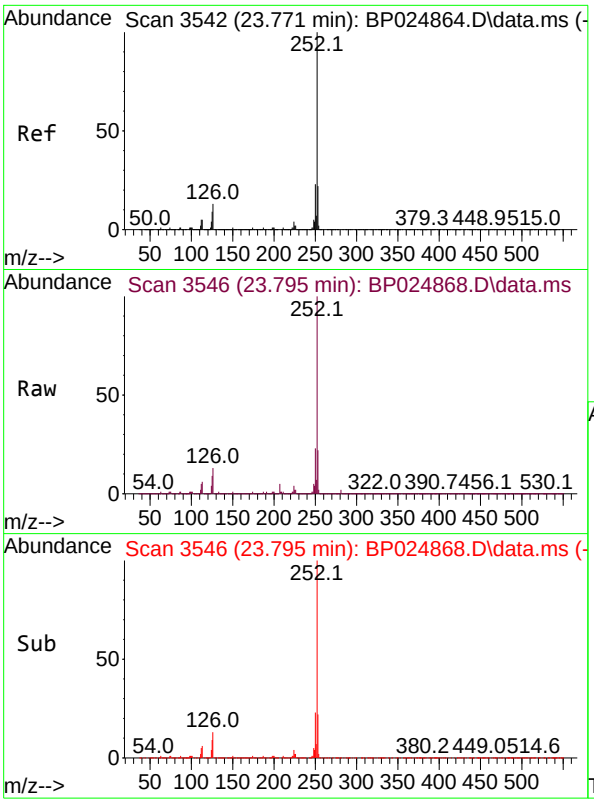


#88
Benzo(b)fluoranthene
Concen: 36.735 ng
RT: 23.718 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:252 Resp: 3910900

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	7.1	10.7

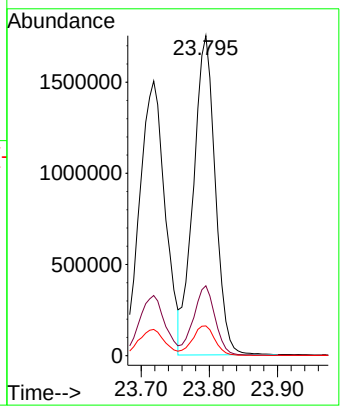




#89
Benzo(k)fluoranthene
Concen: 36.032 ng
RT: 23.795 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:252 Resp: 390466

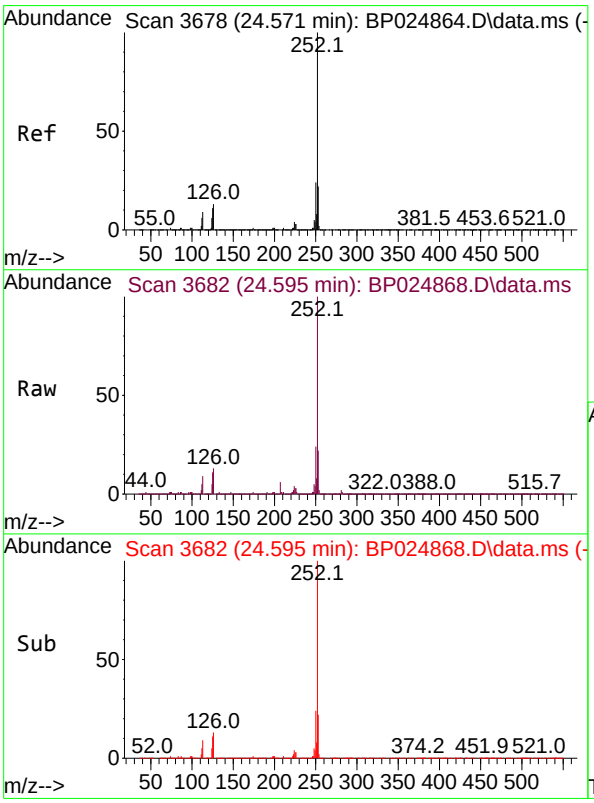
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

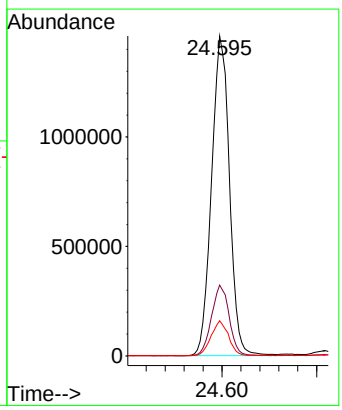
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

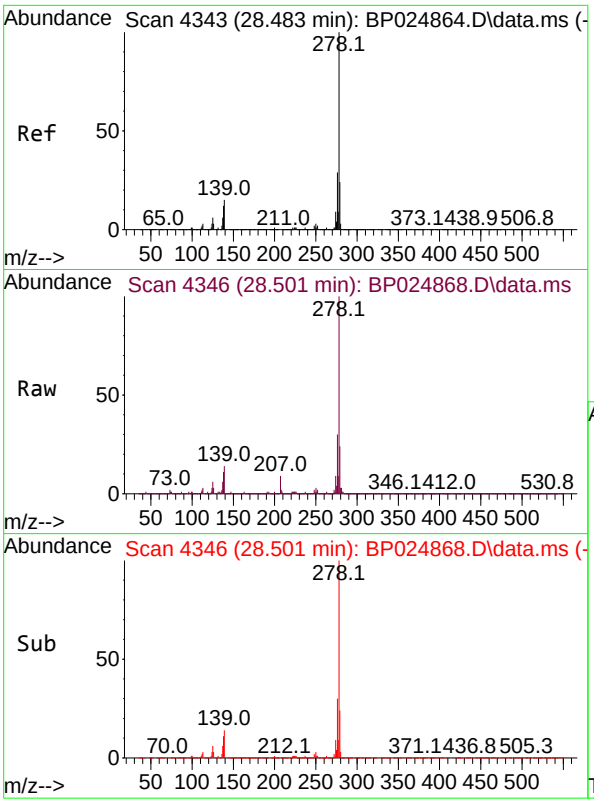


#90
Benzo(a)pyrene
Concen: 36.932 ng
RT: 24.595 min Scan# 3682
Delta R.T. 0.024 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:252 Resp: 3839776

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.0	8.8	13.2

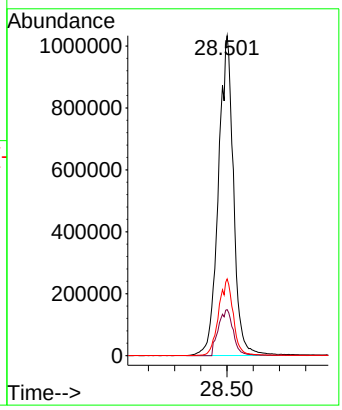




#91
Dibenzo(a,h)anthracene
Concen: 37.321 ng
RT: 28.501 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:278 Resp: 412311

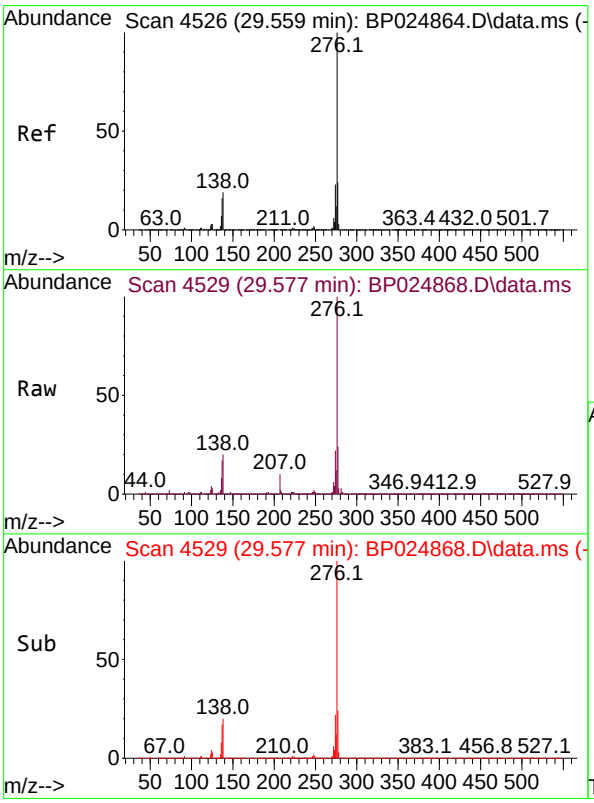
Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.0	18.0
279	24.0	19.1	28.7



Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

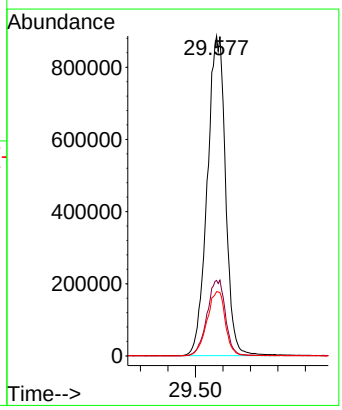
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 37.385 ng
RT: 29.577 min Scan# 4529
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:276 Resp: 4097986

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	20.1	15.4	23.2



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2		1,4-Dioxane	0.527	0.466	11.6	97	0.00
3		Pyridine	1.268	1.271	-0.2	107	-0.01
4		n-Nitrosodimethylamine	0.518	0.537	-3.7	110	-0.01
5	S	2-Fluorophenol	1.198	1.097	8.4	97	-0.01
6		Aniline	2.023	2.033	-0.5	106	-0.02
7	S	Phenol-d6	1.585	1.516	4.4	101	-0.01
8		2-Chlorophenol	1.358	1.326	2.4	104	-0.02
9		Benzaldehyde	0.914	1.110	-21.4	131	-0.02
10	C	Phenol	1.634	1.630	0.2	106	-0.02
11		bis(2-Chloroethyl)ether	1.285	1.265	1.6	106	-0.02
12		1,3-Dichlorobenzene	1.515	1.417	6.5	103	-0.01
13	C	1,4-Dichlorobenzene	1.529	1.430	6.5	103	-0.01
14		1,2-Dichlorobenzene	1.501	1.391	7.3	102	-0.02
15		Benzyl Alcohol	1.217	1.243	-2.1	110	-0.02
16		2,2'-oxybis(1-Chloropropane	1.682	1.637	2.7	107	0.00
17		2-Methylphenol	1.141	1.141	0.0	106	-0.02
18		Hexachloroethane	0.576	0.535	7.1	101	-0.01
19	P	n-Nitroso-di-n-propylamine	1.078	1.078	0.0	107	-0.01
20		3+4-Methylphenols	1.557	1.536	1.3	106	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	108	-0.01
22		Acetophenone	0.505	0.487	3.6	107	-0.01
23	S	Nitrobenzene-d5	0.412	0.345	16.3	92	-0.01
24		Nitrobenzene	0.366	0.359	1.9	107	-0.01
25		Isophorone	0.713	0.697	2.2	108	-0.01
26	C	2-Nitrophenol	0.180	0.178	1.1	106	-0.01
27		2,4-Dimethylphenol	0.309	0.299	3.2	106	-0.02
28		bis(2-Chloroethoxy)methane	0.426	0.408	4.2	106	-0.02
29	C	2,4-Dichlorophenol	0.296	0.289	2.4	107	-0.01
30		1,2,4-Trichlorobenzene	0.334	0.305	8.7	104	-0.01
31		Naphthalene	1.025	0.950	7.3	103	-0.02
32		Benzoic acid	0.209	0.211	-1.0	111	-0.01
33		4-Chloroaniline	0.429	0.425	0.9	107	-0.01
34	C	Hexachlorobutadiene	0.201	0.183	9.0	101	-0.01
35		Caprolactam	0.109	0.112	-2.8	110	-0.01
36	C	4-Chloro-3-methylphenol	0.342	0.346	-1.2	109	-0.01
37		2-Methylnaphthalene	0.650	0.625	3.8	106	-0.01
38		1-Methylnaphthalene	0.695	0.655	5.8	105	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00
40		1,2,4,5-Tetrachlorobenzene	0.568	0.527	7.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.346	0.330	4.6	106	-0.01
42	S	2,4,6-Tribromophenol	0.277	0.253	8.7	102	0.00
43	C	2,4,6-Trichlorophenol	0.381	0.370	2.9	107	-0.01
44		2,4,5-Trichlorophenol	0.408	0.399	2.2	106	0.00
45	S	2-Fluorobiphenyl	1.485	1.159	22.0	90	-0.01
46		1,1'-Biphenyl	1.453	1.363	6.2	106	0.00
47		2-Chloronaphthalene	1.117	1.030	7.8	104	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	0.343	0.350	-2.0	110	0.00
49		Acenaphthylene	1.863	1.736	6.8	106	0.00
50		Dimethylphthalate	1.475	1.372	7.0	106	0.00
51		2,6-Dinitrotoluene	0.318	0.303	4.7	105	0.00
52	C	Acenaphthene	1.067	1.000	6.3	106	0.00
53		3-Nitroaniline	0.330	0.335	-1.5	107	0.00
54	P	2,4-Dinitrophenol	0.178	0.182	-2.2	110	0.00
55		Dibenzofuran	1.713	1.568	8.5	104	0.00
56	P	4-Nitrophenol	0.239	0.247	-3.3	108	0.00
57		2,4-Dinitrotoluene	0.445	0.433	2.7	107	0.00
58		Fluorene	1.384	1.282	7.4	106	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.350	4.1	107	0.00
60		Diethylphthalate	1.470	1.384	5.9	108	0.00
61		4-Chlorophenyl-phenylether	0.677	0.623	8.0	106	0.00
62		4-Nitroaniline	0.299	0.316	-5.7	110	0.00
63		Azobenzene	1.349	1.288	4.5	107	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	0.131	0.128	2.3	110	0.00
66	c	n-Nitrosodiphenylamine	0.620	0.571	7.9	107	0.00
67		4-Bromophenyl-phenylether	0.226	0.202	10.6	107	0.00
68		Hexachlorobenzene	0.274	0.247	9.9	107	0.00
69		Atrazine	0.225	0.208	7.6	108	0.00
70	C	Pentachlorophenol	0.142	0.139	2.1	113	0.00
71		Phenanthrene	1.105	1.011	8.5	107	0.00
72		Anthracene	1.119	1.033	7.7	108	0.01
73		Carbazole	1.038	0.979	5.7	110	0.00
74		Di-n-butylphthalate	1.285	1.173	8.7	103	0.00
75	C	Fluoranthene	1.281	1.164	9.1	107	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77		Benzidine	0.619	0.692	-11.8	118	0.00
78		Pyrene	1.249	1.132	9.4	107	0.00
79	S	Terphenyl-d14	1.116	0.873	21.8	89	0.00
80		Butylbenzylphthalate	0.572	0.534	6.6	106	0.00
81		Benzo(a)anthracene	1.279	1.175	8.1	107	0.00
82		3,3'-Dichlorobenzidine	0.508	0.478	5.9	108	0.00
83		Chrysene	1.212	1.104	8.9	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.820	0.759	7.4	106	0.00
85	c	Di-n-octyl phthalate	1.445	1.324	8.4	107	0.00
86	I	Perylene-d12	1.000	1.000	0.0	113	0.02
87		Indeno(1,2,3-cd)pyrene	1.459	1.371	6.0	110	0.01
88		Benzo(b)fluoranthene	1.145	1.051	8.2	106	0.00
89		Benzo(k)fluoranthene	1.165	1.050	9.9	107	0.02
90	C	Benzo(a)pyrene	1.118	1.032	7.7	109	0.02
91		Dibenzo(a,h)anthracene	1.188	1.108	6.7	110	0.02
92		Benzo(g,h,i)perylene	1.179	1.101	6.6	110	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2		1,4-Dioxane	40.000	35.338	11.7	97	0.00
3		Pyridine	40.000	40.092	-0.2	107	-0.01
4		n-Nitrosodimethylamine	40.000	41.411	-3.5	110	-0.01
5	S	2-Fluorophenol	80.000	73.239	8.5	97	-0.01
6		Aniline	40.000	40.192	-0.5	106	-0.02
7	S	Phenol-d6	80.000	76.488	4.4	101	-0.01
8		2-Chlorophenol	40.000	39.034	2.4	104	-0.02
9		Benzaldehyde	40.000	48.599	-21.5	131	-0.02
10	C	Phenol	40.000	39.895	0.3	106	-0.02
11		bis(2-Chloroethyl)ether	40.000	39.368	1.6	106	-0.02
12		1,3-Dichlorobenzene	40.000	37.402	6.5	103	-0.01
13	C	1,4-Dichlorobenzene	40.000	37.417	6.5	103	-0.01
14		1,2-Dichlorobenzene	40.000	37.071	7.3	102	-0.02
15		Benzyl Alcohol	40.000	40.859	-2.1	110	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	38.927	2.7	107	0.00
17		2-Methylphenol	40.000	39.981	0.0	106	-0.02
18		Hexachloroethane	40.000	37.151	7.1	101	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	40.009	-0.0	107	-0.01
20		3+4-Methylphenols	40.000	39.466	1.3	106	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	108	-0.01
22		Acetophenone	40.000	38.549	3.6	107	-0.01
23	S	Nitrobenzene-d5	80.000	67.150	16.1	92	-0.01
24		Nitrobenzene	40.000	39.258	1.9	107	-0.01
25		Isophorone	40.000	39.109	2.2	108	-0.01
26	C	2-Nitrophenol	40.000	39.558	1.1	106	-0.01
27		2,4-Dimethylphenol	40.000	38.761	3.1	106	-0.02
28		bis(2-Chloroethoxy)methane	40.000	38.351	4.1	106	-0.02
29	C	2,4-Dichlorophenol	40.000	39.046	2.4	107	-0.01
30		1,2,4-Trichlorobenzene	40.000	36.514	8.7	104	-0.01
31		Naphthalene	40.000	37.089	7.3	103	-0.02
32		Benzoic acid	40.000	40.420	-1.1	111	-0.01
33		4-Chloroaniline	40.000	39.581	1.0	107	-0.01
34	C	Hexachlorobutadiene	40.000	36.314	9.2	101	-0.01
35		Caprolactam	40.000	41.229	-3.1	110	-0.01
36	C	4-Chloro-3-methylphenol	40.000	40.474	-1.2	109	-0.01
37		2-Methylnaphthalene	40.000	38.430	3.9	106	-0.01
38		1-Methylnaphthalene	40.000	37.674	5.8	105	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.136	7.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.177	4.6	106	-0.01
42	S	2,4,6-Tribromophenol	80.000	73.160	8.6	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.812	3.0	107	-0.01
44		2,4,5-Trichlorophenol	40.000	39.064	2.3	106	0.00
45	S	2-Fluorobiphenyl	80.000	62.434	22.0	90	-0.01
46		1,1'-Biphenyl	40.000	37.502	6.2	106	0.00
47		2-Chloronaphthalene	40.000	36.886	7.8	104	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	40.813	-2.0	110	0.00
49		Acenaphthylene	40.000	37.274	6.8	106	0.00
50		Dimethylphthalate	40.000	37.185	7.0	106	0.00
51		2,6-Dinitrotoluene	40.000	38.111	4.7	105	0.00
52	C	Acenaphthene	40.000	37.472	6.3	106	0.00
53		3-Nitroaniline	40.000	40.626	-1.6	107	0.00
54	P	2,4-Dinitrophenol	40.000	38.197	4.5	110	0.00
55		Dibenzofuran	40.000	36.605	8.5	104	0.00
56	P	4-Nitrophenol	40.000	38.363	4.1	108	0.00
57		2,4-Dinitrotoluene	40.000	38.936	2.7	107	0.00
58		Fluorene	40.000	37.043	7.4	106	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.401	4.0	107	0.00
60		Diethylphthalate	40.000	37.642	5.9	108	0.00
61		4-Chlorophenyl-phenylether	40.000	36.814	8.0	106	0.00
62		4-Nitroaniline	40.000	42.233	-5.6	110	0.00
63		Azobenzene	40.000	38.217	4.5	107	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	40.000	38.956	2.6	110	0.00
66	c	n-Nitrosodiphenylamine	40.000	36.846	7.9	107	0.00
67		4-Bromophenyl-phenylether	40.000	35.890	10.3	107	0.00
68		Hexachlorobenzene	40.000	36.182	9.5	107	0.00
69		Atrazine	40.000	37.108	7.2	108	0.00
70	C	Pentachlorophenol	40.000	39.247	1.9	113	0.00
71		Phenanthrene	40.000	36.595	8.5	107	0.00
72		Anthracene	40.000	36.903	7.7	108	0.01
73		Carbazole	40.000	37.755	5.6	110	0.00
74		Di-n-butylphthalate	40.000	36.500	8.8	103	0.00
75	C	Fluoranthene	40.000	36.337	9.2	107	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77		Benzidine	40.000	44.696	-11.7	118	0.00
78		Pyrene	40.000	36.241	9.4	107	0.00
79	S	Terphenyl-d14	80.000	62.551	21.8	89	0.00
80		Butylbenzylphthalate	40.000	37.347	6.6	106	0.00
81		Benzo(a)anthracene	40.000	36.741	8.1	107	0.00
82		3,3'-Dichlorobenzidine	40.000	37.613	6.0	108	0.00
83		Chrysene	40.000	36.421	8.9	108	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	37.041	7.4	106	0.00
85	c	Di-n-octyl phthalate	40.000	36.654	8.4	107	0.00
86	I	Perylene-d12	20.000	20.000	0.0	113	0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.578	6.1	110	0.01
88		Benzo(b)fluoranthene	40.000	36.735	8.2	106	0.00
89		Benzo(k)fluoranthene	40.000	36.032	9.9	107	0.02
90	C	Benzo(a)pyrene	40.000	36.932	7.7	109	0.02
91		Dibenzo(a,h)anthracene	40.000	37.321	6.7	110	0.02
92		Benzo(g,h,i)perylene	40.000	37.385	6.5	110	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_F Calibration Date/Time: 06/04/2025 12:27

Lab File ID: BF142602.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	1.374		-3.8	
Nitrobenzene-d5	0.367	0.346		-5.7	
Naphthalene	0.985	0.937		-4.9	
2-Methylnaphthalene	0.620	0.571		-7.9	
2-Fluorobiphenyl	1.490	1.357		-8.9	
2,4,6-Tribromophenol	0.222	0.201		-9.5	
Terphenyl-d14	1.464	1.299		-11.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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	118699	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	454762	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	238732	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	393948	20.000	ng	0.00
76) Chrysene-d12	14.068	240	204352	20.000	ng	0.00
86) Perylene-d12	15.562	264	242845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	548981	77.920	ng	0.00
7) Phenol-d6	6.528	99	652351	76.919	ng	0.00
23) Nitrobenzene-d5	7.463	82	629736	75.509	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	192130	72.512	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1295479	72.816	ng	-0.01
79) Terphenyl-d14	13.009	244	1062022	71.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	113085	40.111	ng	99
3) Pyridine	3.434	79	291336	40.579	ng	100
4) n-Nitrosodimethylamine	3.387	42	143627	38.529	ng	91
6) Aniline	6.557	93	443290	38.873	ng	98
8) 2-Chlorophenol	6.680	128	295016	38.443	ng	99
9) Benzaldehyde	6.445	77	187772	36.810	ng	99
10) Phenol	6.539	94	366652	38.421	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	264912	38.564	ng	100
12) 1,3-Dichlorobenzene	6.839	146	327542	38.250	ng	98
13) 1,4-Dichlorobenzene	6.916	146	331859	38.473	ng	98
14) 1,2-Dichlorobenzene	7.069	146	318278	38.562	ng	99
15) Benzyl Alcohol	7.039	79	234070	37.347	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	440471	38.182	ng	98
17) 2-Methylphenol	7.151	107	228649	38.162	ng	99
18) Hexachloroethane	7.410	117	112473	37.342	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	187979	35.763	ng	98
20) 3+4-Methylphenols	7.304	107	282080	36.765	ng	93
22) Acetophenone	7.304	105	371017	36.855	ng	96
24) Nitrobenzene	7.480	77	286461	38.084	ng	99
25) Isophorone	7.716	82	510230	36.592	ng	99
26) 2-Nitrophenol	7.798	139	153765	38.258	ng	96
27) 2,4-Dimethylphenol	7.833	122	269485	38.021	ng	99
28) bis(2-Chloroethoxy)met...	7.927	93	327803	37.634	ng	99
29) 2,4-Dichlorophenol	8.039	162	248919	38.617	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	264670	37.834	ng	98
31) Naphthalene	8.204	128	852426	38.068	ng	100
32) Benzoic acid	7.933	122	158349m	36.701	ng	
33) 4-Chloroaniline	8.251	127	346639	38.203	ng	98
34) Hexachlorobutadiene	8.322	225	161618	37.001	ng	99
35) Caprolactam	8.616	113	68535	37.857	ng	97
36) 4-Chloro-3-methylphenol	8.727	107	244876	37.069	ng	98
37) 2-Methylnaphthalene	8.892	142	519756	36.895	ng	99
38) 1-Methylnaphthalene	8.992	142	539212	37.004	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	265705	38.772	ng	99
41) Hexachlorocyclopentadiene	9.045	237	163607	35.390	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	178193	38.561	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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

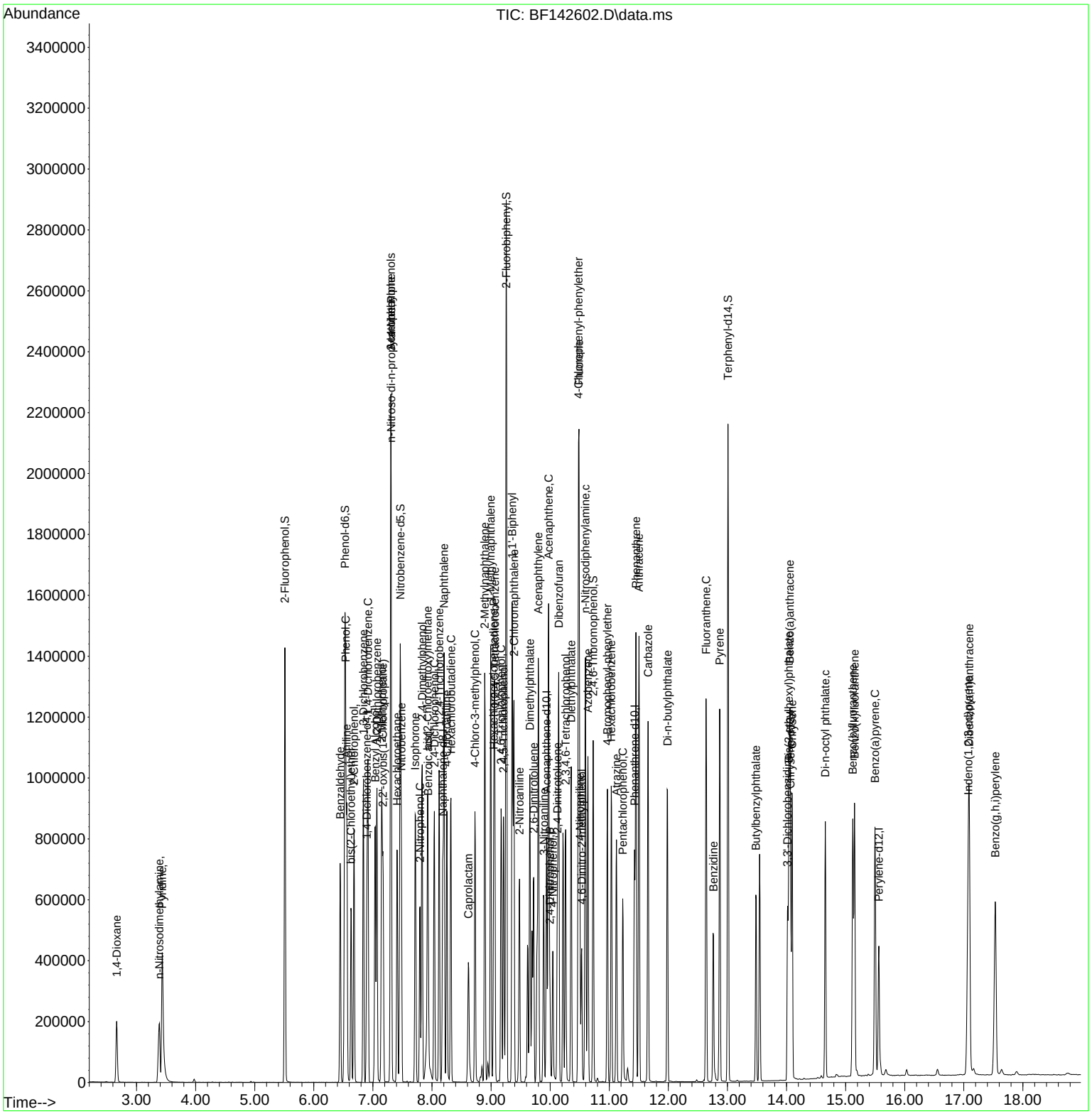
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184599	37.877	ng		98
46) 1,1'-Biphenyl	9.357	154	697233	37.645	ng		99
47) 2-Chloronaphthalene	9.386	162	520250	38.018	ng		98
48) 2-Nitroaniline	9.480	65	152336	38.514	ng		96
49) Acenaphthylene	9.798	152	875741	37.900	ng		100
50) Dimethylphthalate	9.657	163	586529	37.234	ng		99
51) 2,6-Dinitrotoluene	9.721	165	129876	38.201	ng		96
52) Acenaphthene	9.974	154	528629	37.466	ng		99
53) 3-Nitroaniline	9.892	138	145534	39.191	ng		95
54) 2,4-Dinitrophenol	9.992	184	63055	35.898	ng	#	83
55) Dibenzofuran	10.145	168	763801	37.618	ng		98
56) 4-Nitrophenol	10.045	139	100887	36.821	ng		98
57) 2,4-Dinitrotoluene	10.121	165	170719	38.449	ng		99
58) Fluorene	10.486	166	589914	37.608	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	153400	37.704	ng		98
60) Diethylphthalate	10.357	149	559057	36.339	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	283181	36.750	ng		95
62) 4-Nitroaniline	10.504	138	131390	39.013	ng		96
63) Azobenzene	10.639	77	515846	37.331	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	87089	39.612	ng		96
66) n-Nitrosodiphenylamine	10.598	169	510277	37.861	ng		99
67) 4-Bromophenyl-phenylether	10.968	248	174398	37.439	ng		98
68) Hexachlorobenzene	11.033	284	194341	37.721	ng		99
69) Atrazine	11.121	200	134435	37.559	ng		99
70) Pentachlorophenol	11.227	266	104811	36.033	ng		99
71) Phenanthrene	11.451	178	788124	37.435	ng		100
72) Anthracene	11.504	178	815543	37.956	ng		100
73) Carbazole	11.657	167	698206	38.010	ng		100
74) Di-n-butylphthalate	11.986	149	720252	35.822	ng		100
75) Fluoranthene	12.639	202	727045	36.958	ng		99
77) Benzidine	12.762	184	302958	39.839	ng		98
78) Pyrene	12.868	202	714815	37.497	ng		100
80) Butylbenzylphthalate	13.480	149	213147	40.465	ng		100
81) Benzo(a)anthracene	14.056	228	506384	37.109	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	177988	43.004	ng		99
83) Chrysene	14.092	228	465406	37.957	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	308685	45.778	ng		100
85) Di-n-octyl phthalate	14.656	149	572594	43.428	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	654088	35.877	ng		98
88) Benzo(b)fluoranthene	15.121	252	585519	40.738	ng		98
89) Benzo(k)fluoranthene	15.151	252	448939	33.350	ng		99
90) Benzo(a)pyrene	15.498	252	515945	38.084	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	527220	35.656	ng		98
92) Benzo(g,h,i)perylene	17.533	276	521791	35.281	ng		97

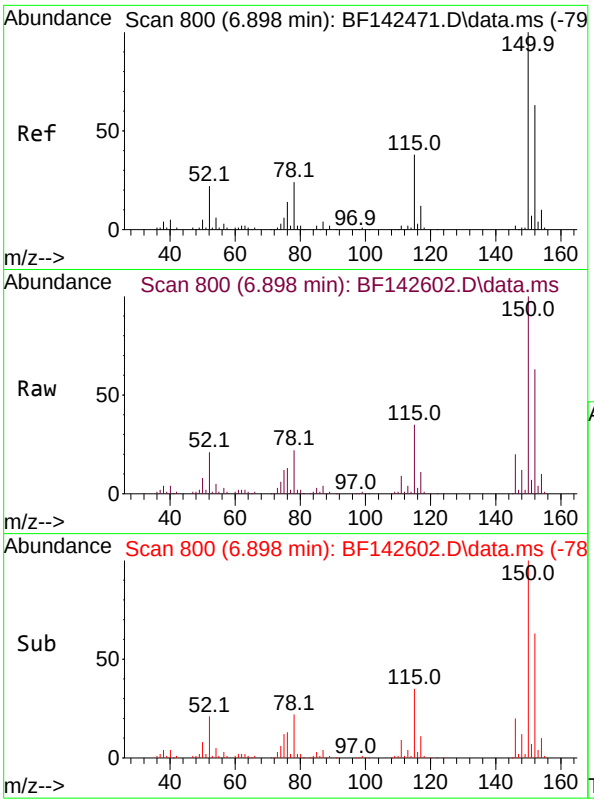
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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



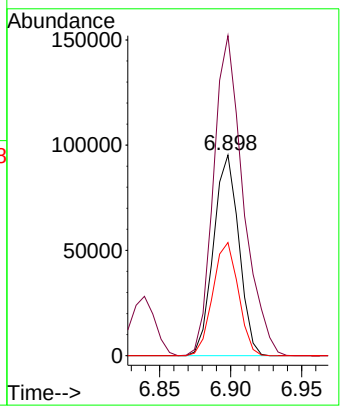


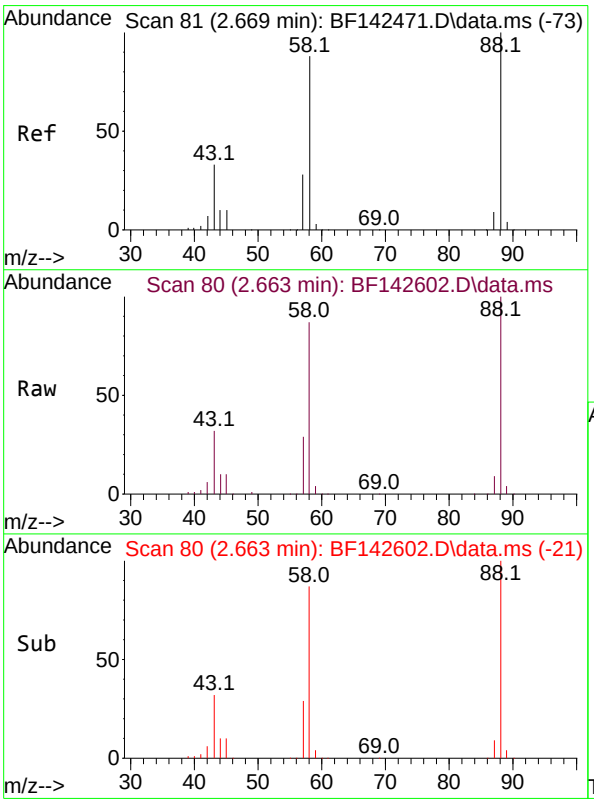
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 118699

Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	56.3	48.3	72.5

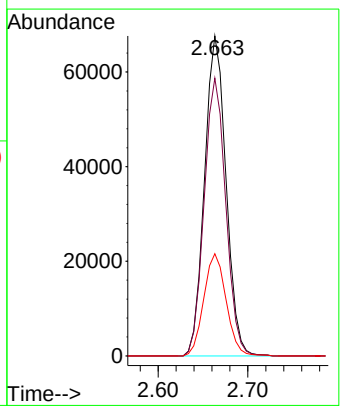


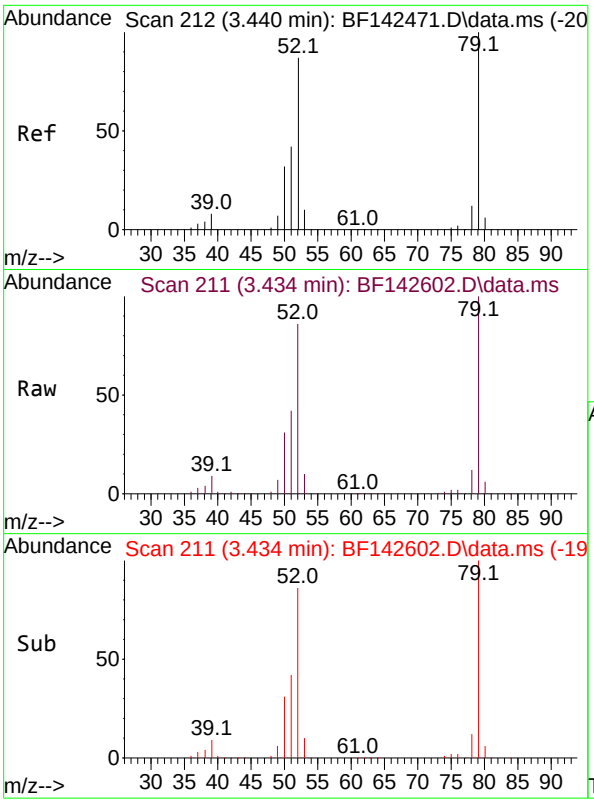


#2
1,4-Dioxane
Concen: 40.111 ng
RT: 2.663 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 88 Resp: 113085

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.8	106.2
43	33.2	26.6	40.0



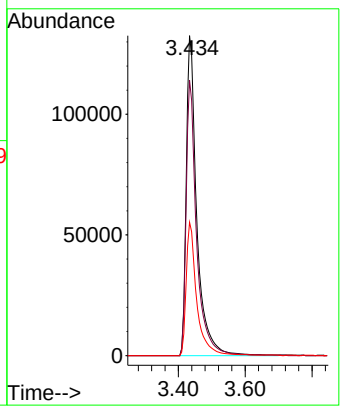


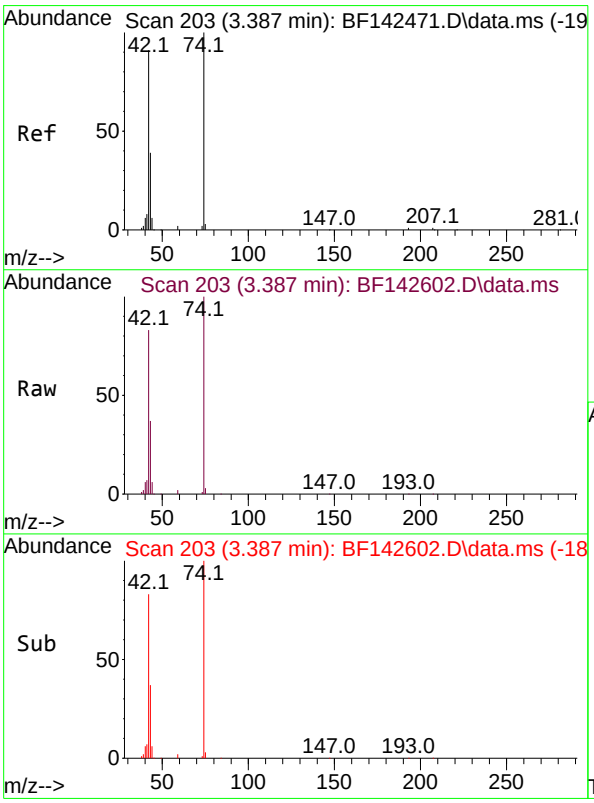
#3
Pyridine
Concen: 40.579 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 291336

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.2	103.8
51	41.7	33.3	49.9

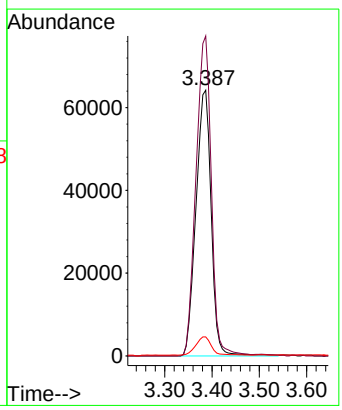


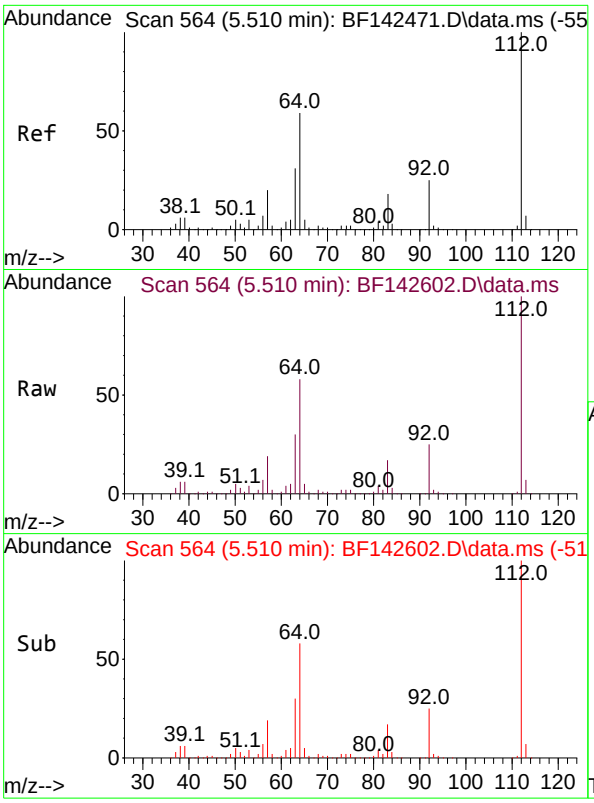


#4
n-Nitrosodimethylamine
Concen: 38.529 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 42 Resp: 143627

Ion	Ratio	Lower	Upper
42	100		
74	120.4	88.2	132.4
44	7.1	5.4	8.2



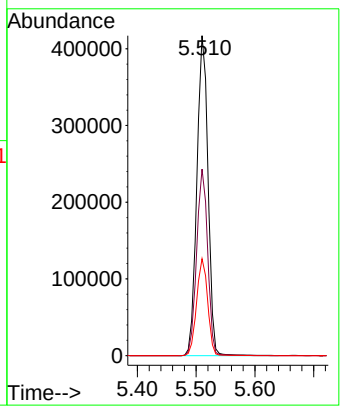


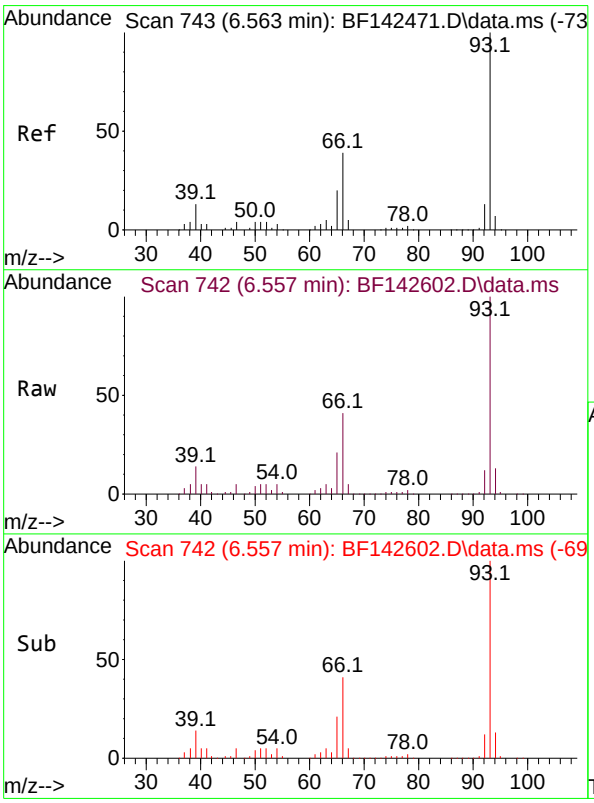
#5
2-Fluorophenol
Concen: 77.920 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 548981

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.5	71.3
63	30.3	24.9	37.3

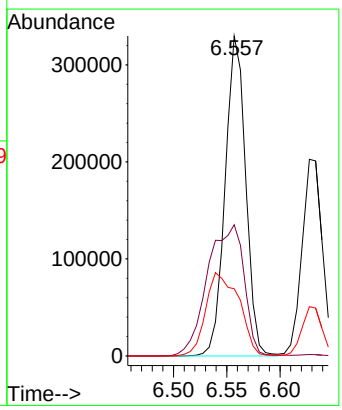


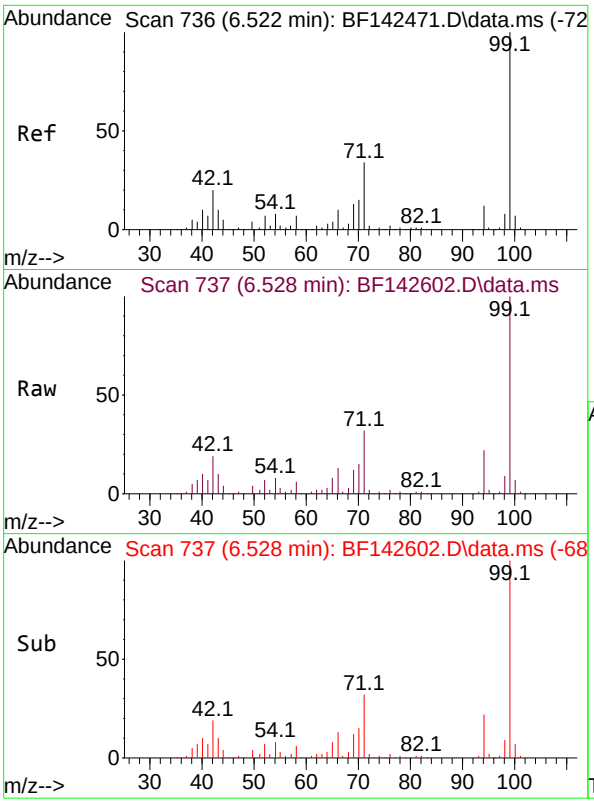


#6
Aniline
Concen: 38.873 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 93 Resp: 443290

Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.0	48.0
65	21.0	16.1	24.1



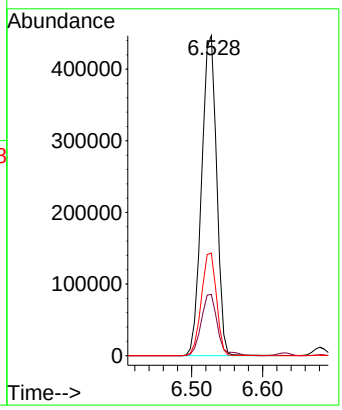


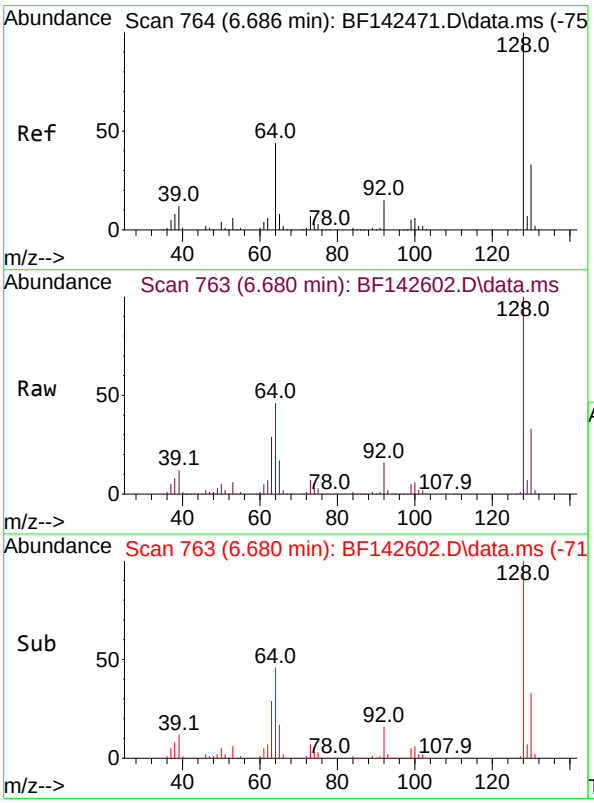
#7
Phenol-d6
Concen: 76.919 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 652351

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	32.0	27.3	40.9

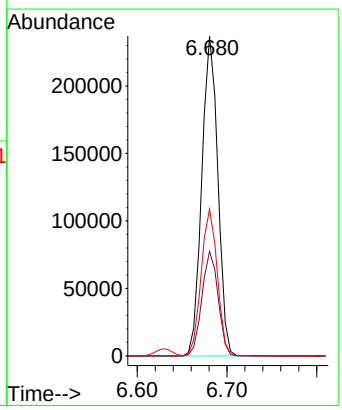


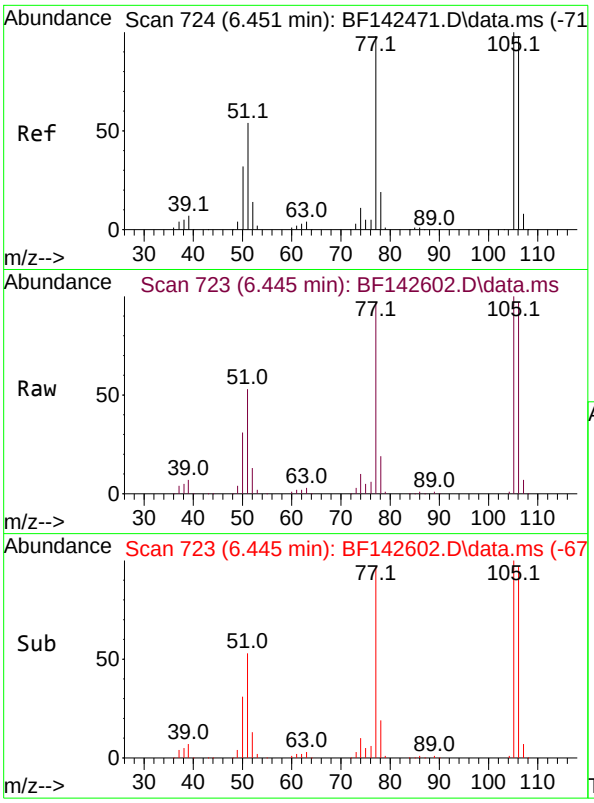


#8
2-Chlorophenol
Concen: 38.443 ng
RT: 6.680 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:128 Resp: 295016

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	45.9	25.1	65.1



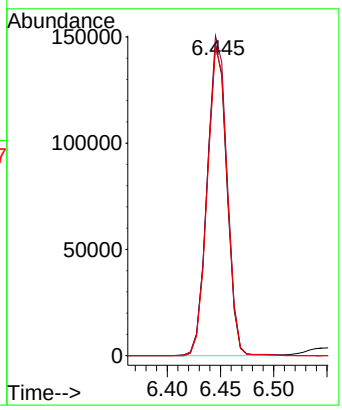


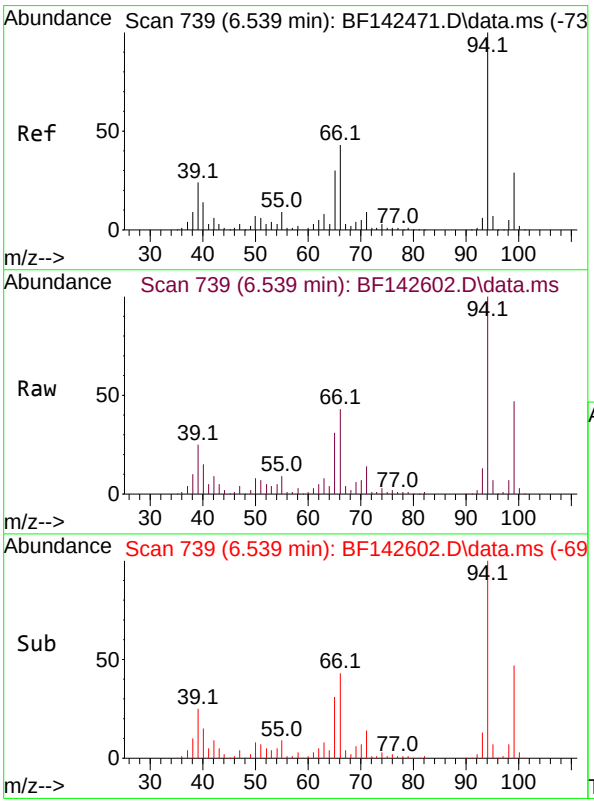
#9
Benzaldehyde
Concen: 36.810 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 187772

Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.5	122.5
106	99.2	80.0	120.0

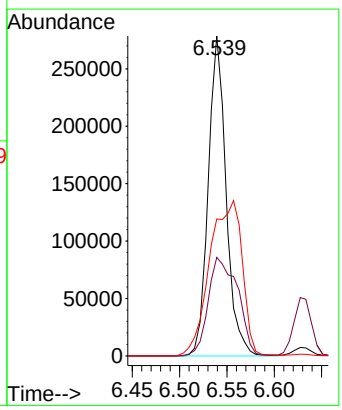


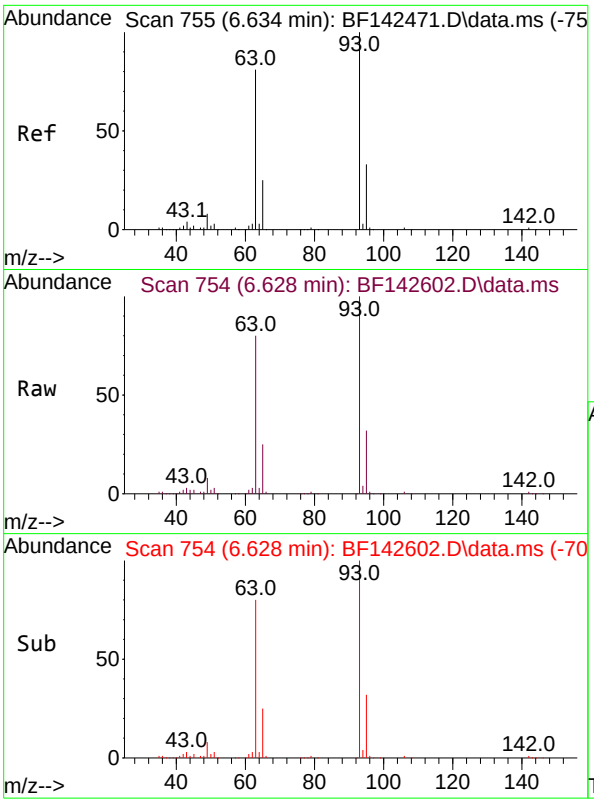


#10
Phenol
Concen: 38.421 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 94 Resp: 366652

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.3	50.3
66	42.8	22.6	62.6



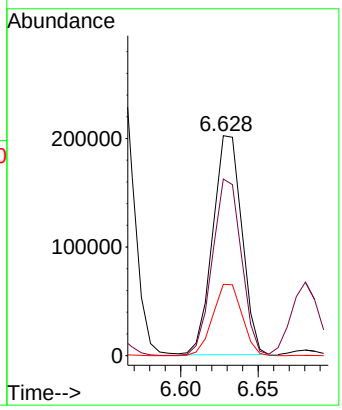


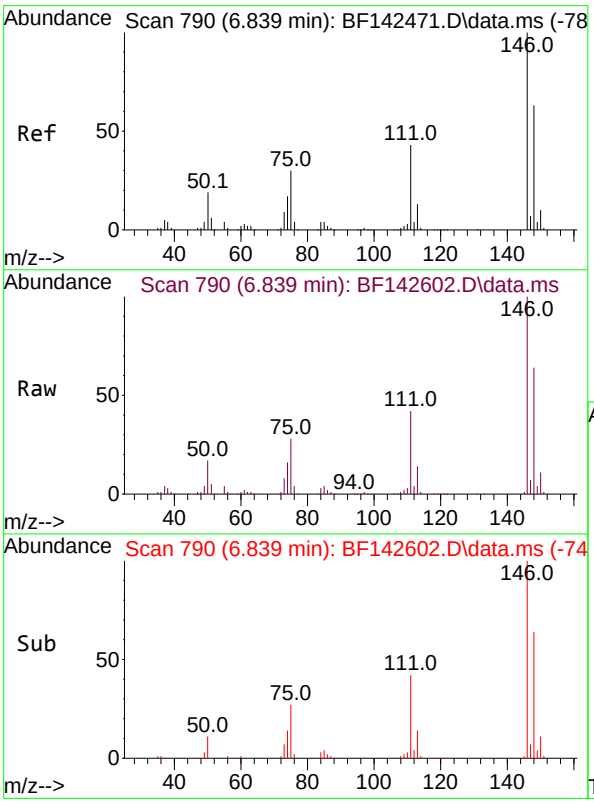
#11
bis(2-Chloroethyl)ether
Concen: 38.564 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 264912

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.2	100.2
95	32.4	12.3	52.3

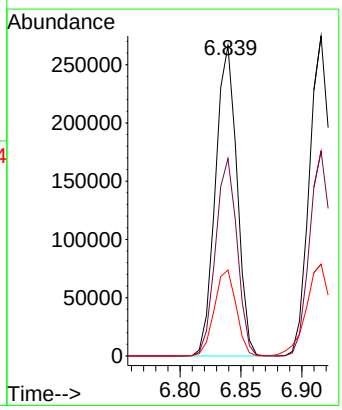


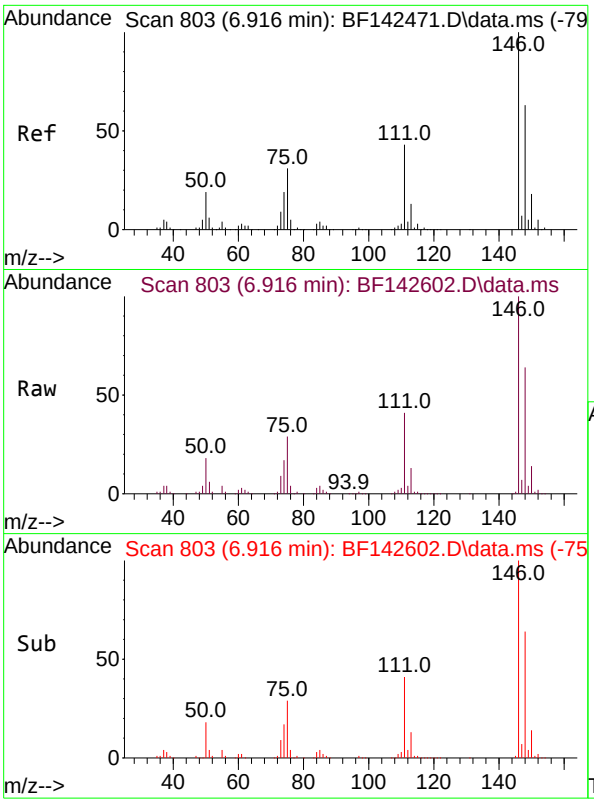


#12
1,3-Dichlorobenzene
Concen: 38.250 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:146 Resp: 327542

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	27.6	23.8	35.6



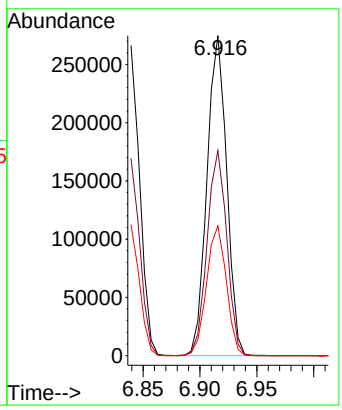


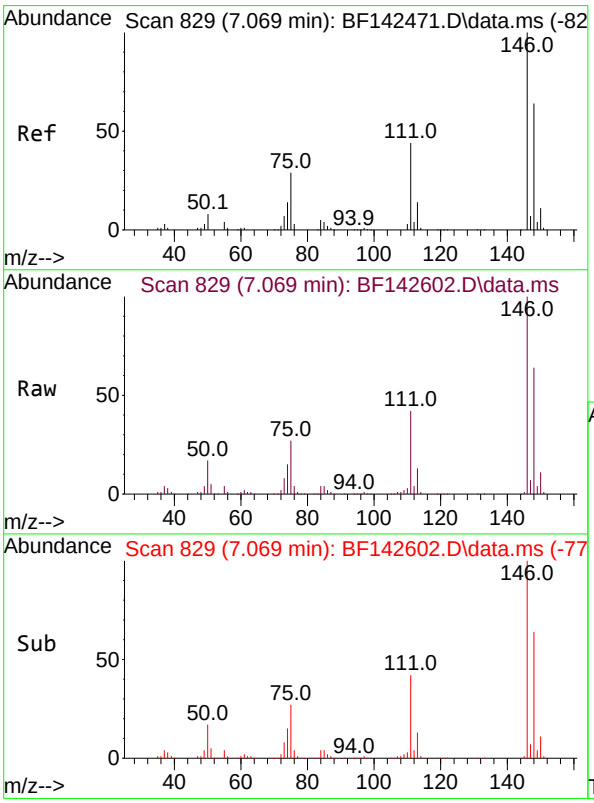
#13
1,4-Dichlorobenzene
Concen: 38.473 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 331859

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	40.5	34.1	51.1

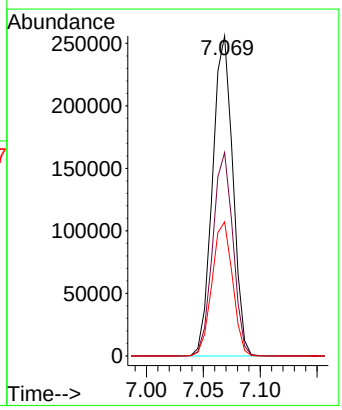


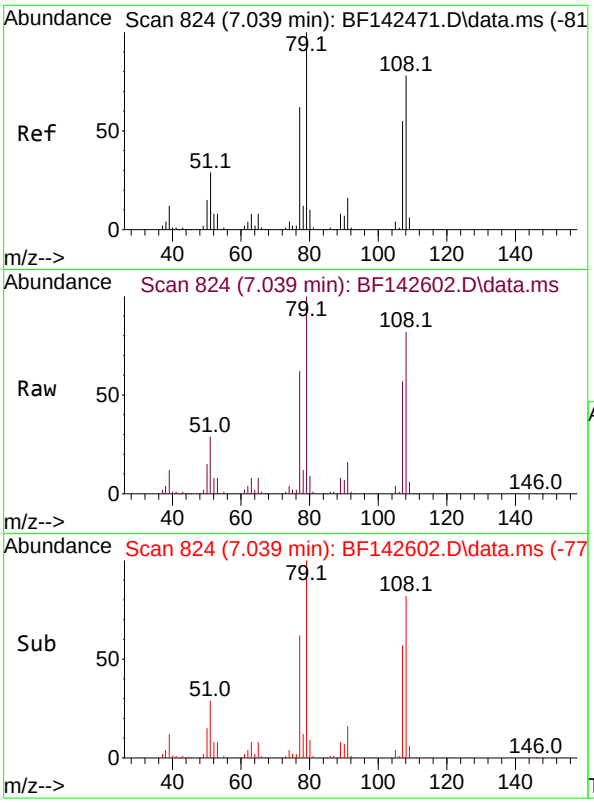


#14
1,2-Dichlorobenzene
Concen: 38.562 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:146 Resp: 318278

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	41.9	35.0	52.6



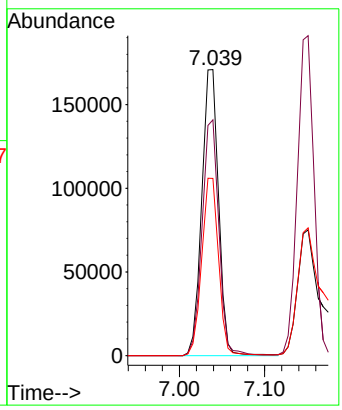


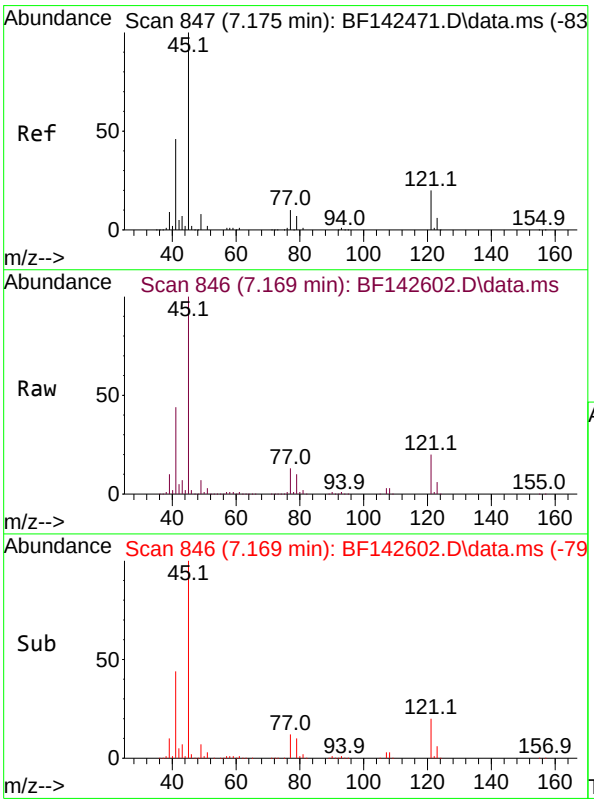
#15
Benzyl Alcohol
Concen: 37.347 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 234070

Ion	Ratio	Lower	Upper
79	100		
108	82.4	62.1	93.1
77	62.0	49.5	74.3

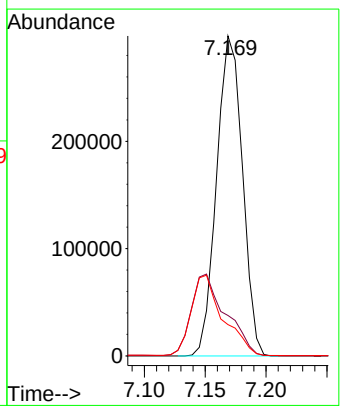


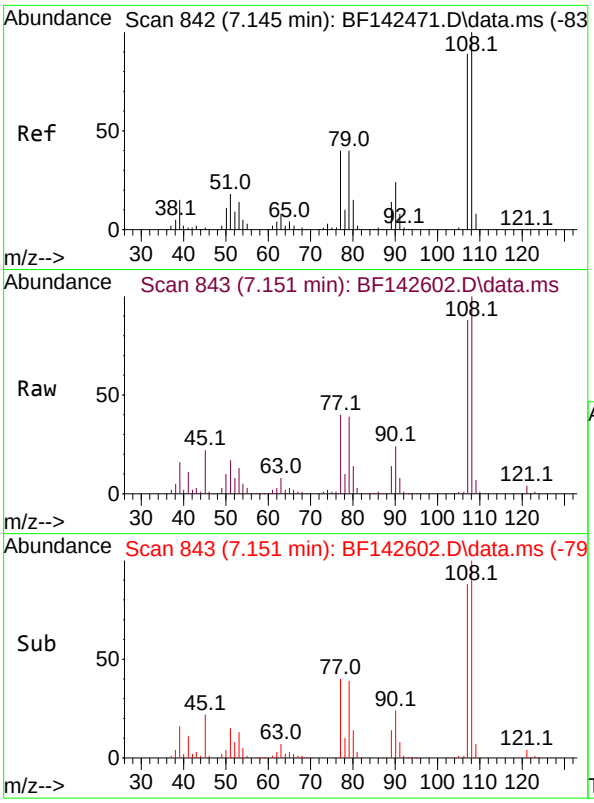


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.182 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 45 Resp: 440471

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.0
79	9.8	0.0	29.2



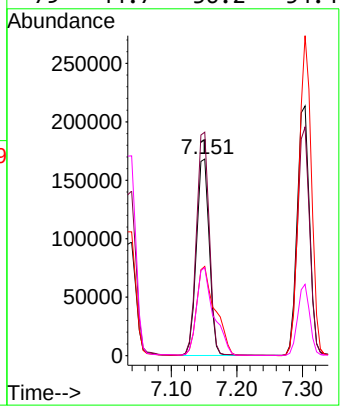


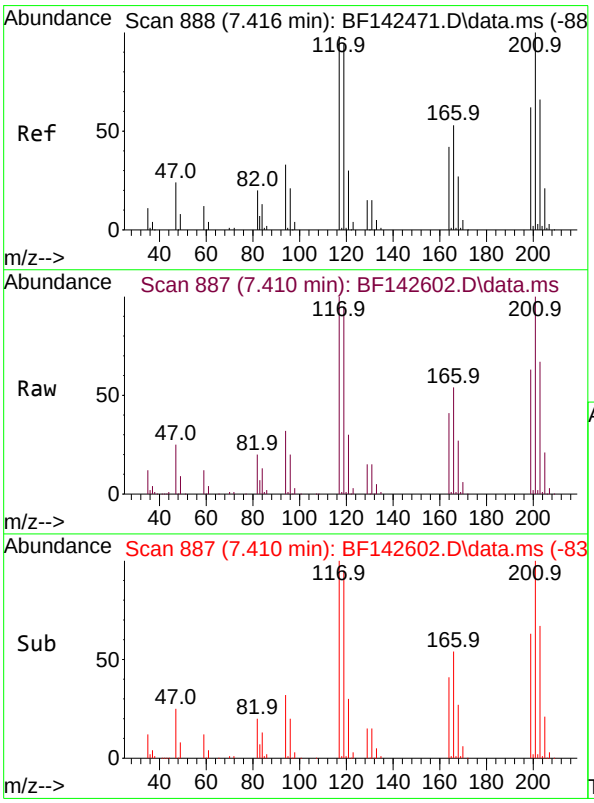
#17
2-Methylphenol
Concen: 38.162 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 228649

Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.2	135.2
77	45.4	36.1	54.1
79	44.7	36.2	54.4

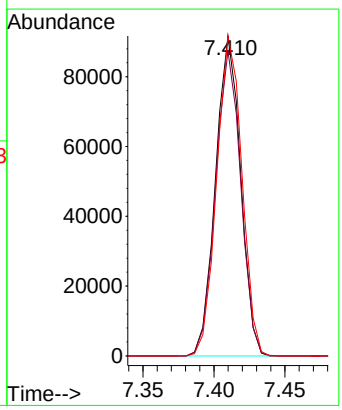


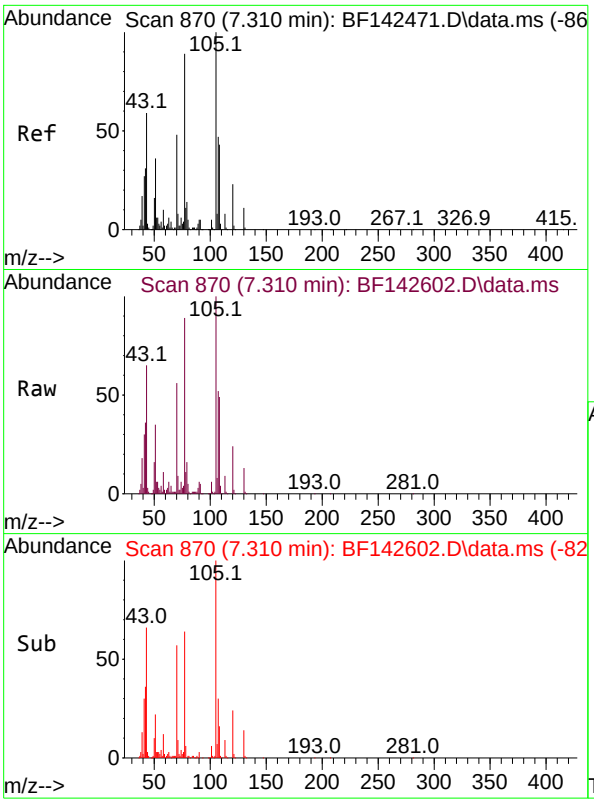


#18
Hexachloroethane
Concen: 37.342 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:117 Resp: 112473

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
201	99.8	81.3	121.9



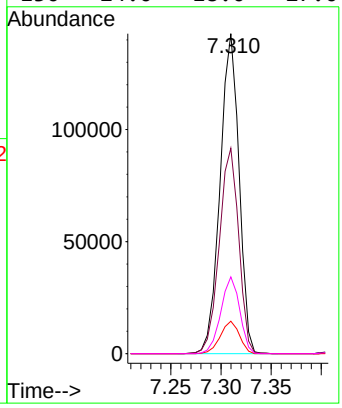


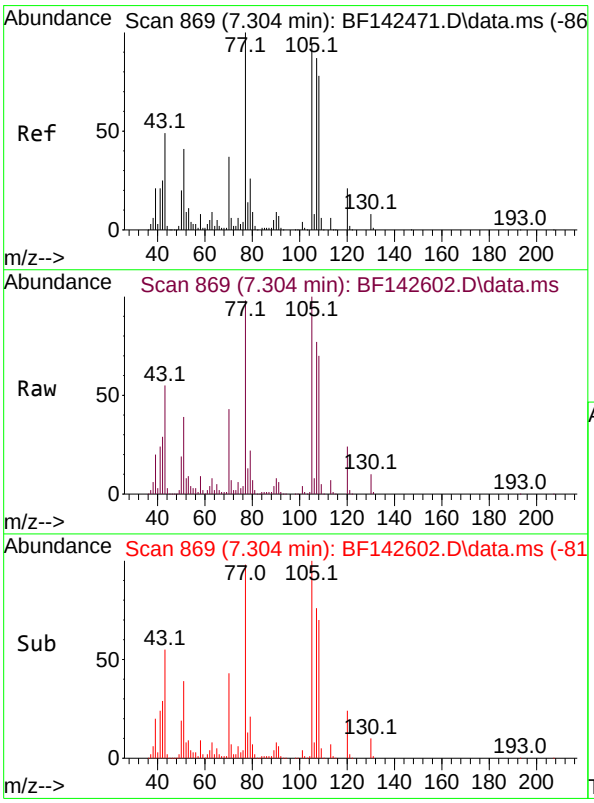
#19
n-Nitroso-di-n-propylamine
Concen: 35.763 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 187979

Ion	Ratio	Lower	Upper
70	100		
42	64.2	52.4	78.6
101	10.1	7.8	11.8
130	24.0	18.0	27.0

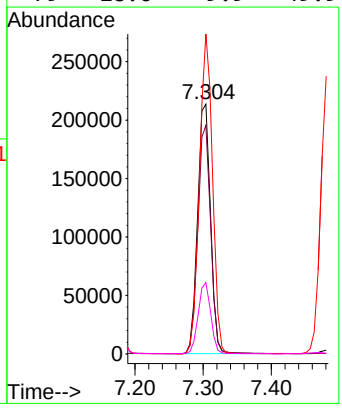


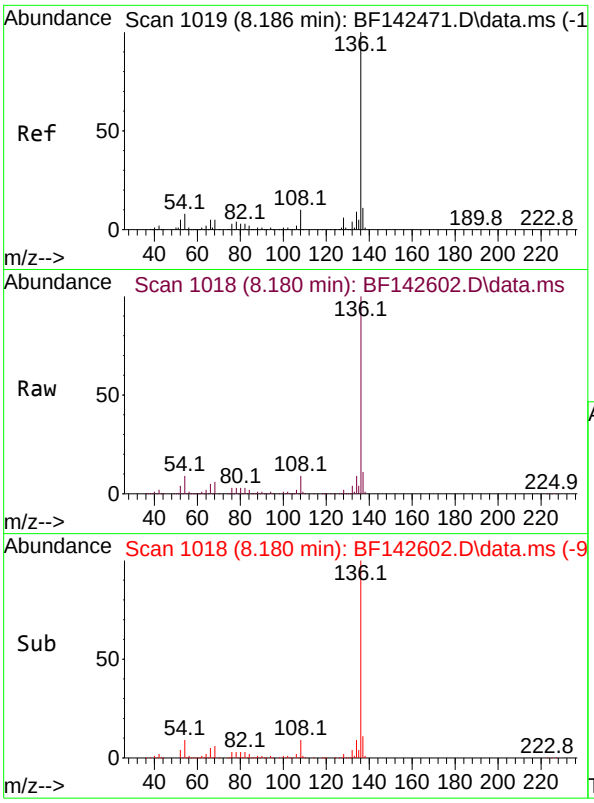


#20
3+4-Methylphenols
Concen: 36.765 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:107 Resp: 282080

Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.4	110.4
77	128.1	95.4	135.4
79	28.6	9.9	49.9



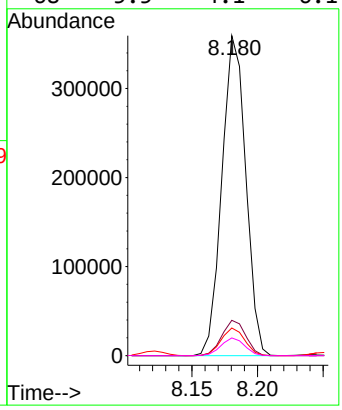


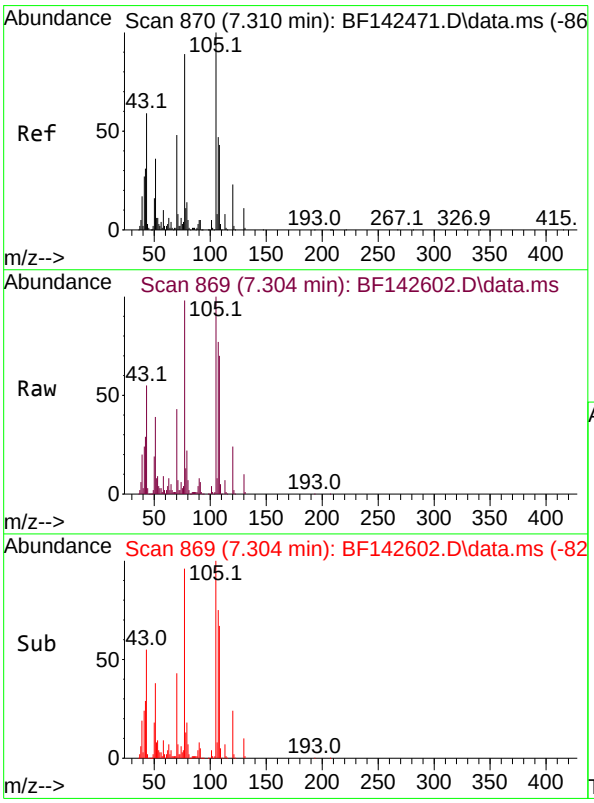
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 454762

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.6	10.0
68	5.5	4.1	6.1

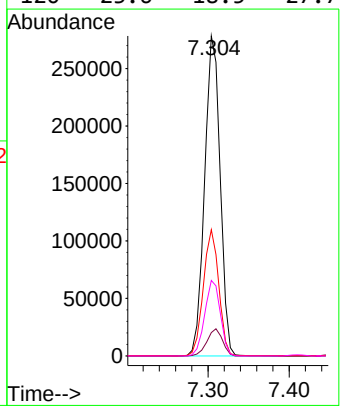


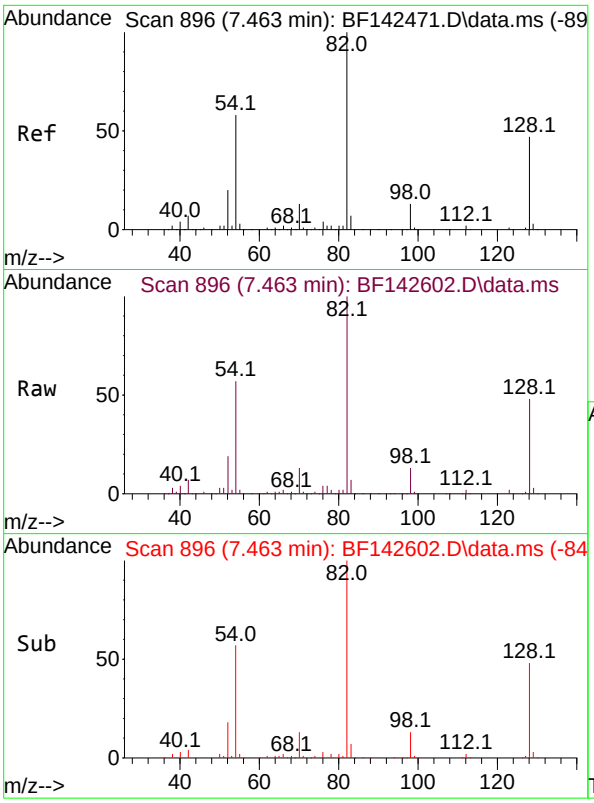


#22
Acetophenone
Concen: 36.855 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:105 Resp: 371017

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.4	9.6
51	39.4	28.6	42.8
120	23.6	18.5	27.7



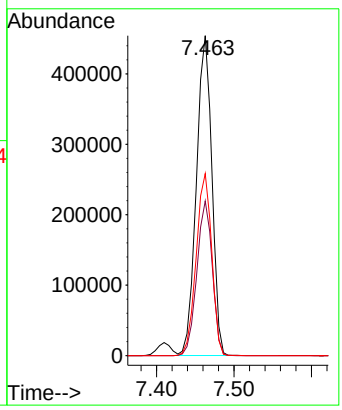


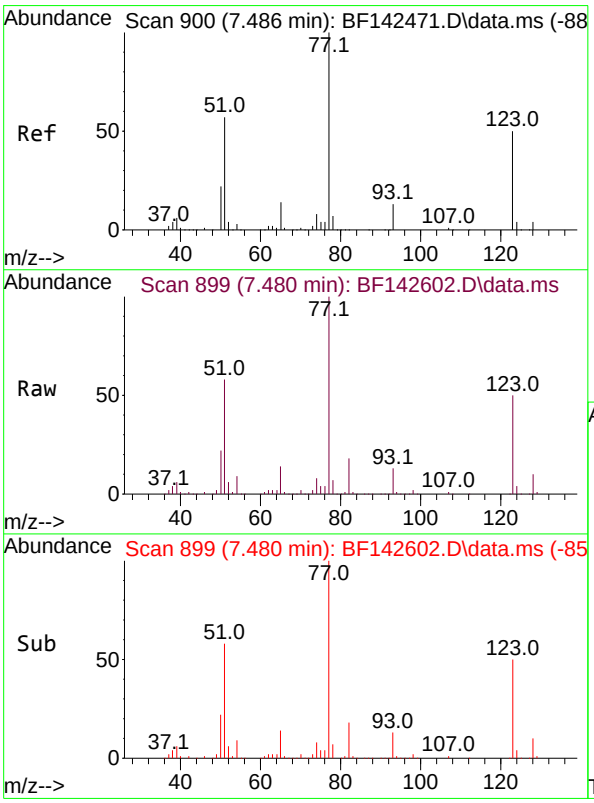
#23
Nitrobenzene-d5
Concen: 75.509 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 629736

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.4	56.2
54	56.9	46.6	70.0

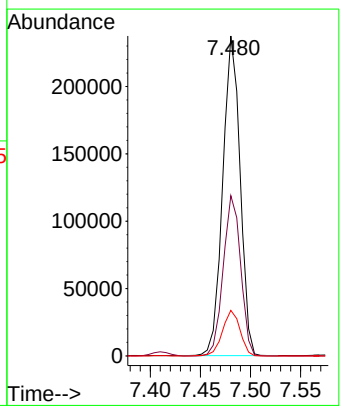


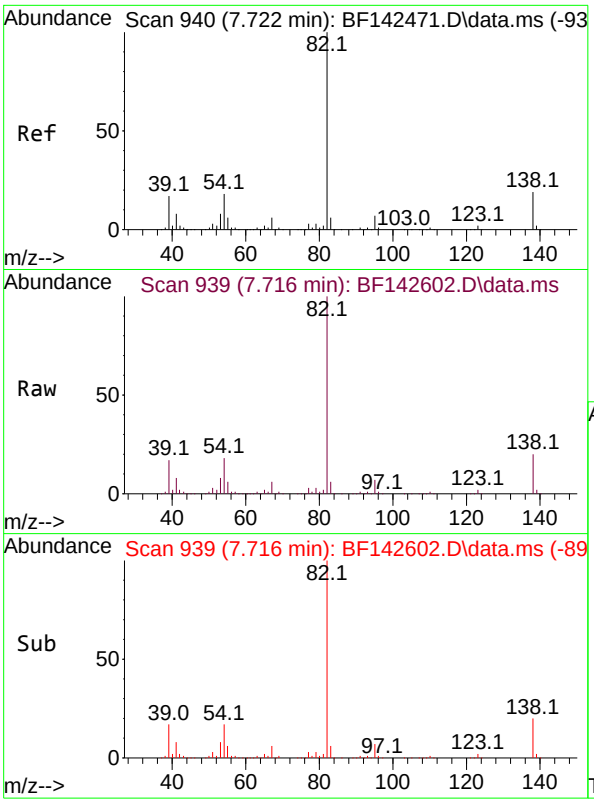


#24
Nitrobenzene
Concen: 38.084 ng
RT: 7.480 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 77 Resp: 286461

Ion	Ratio	Lower	Upper
77	100		
123	50.1	40.6	61.0
65	14.2	11.4	17.2



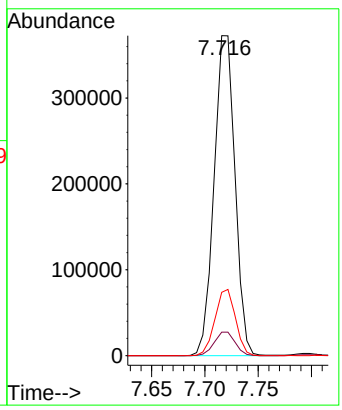


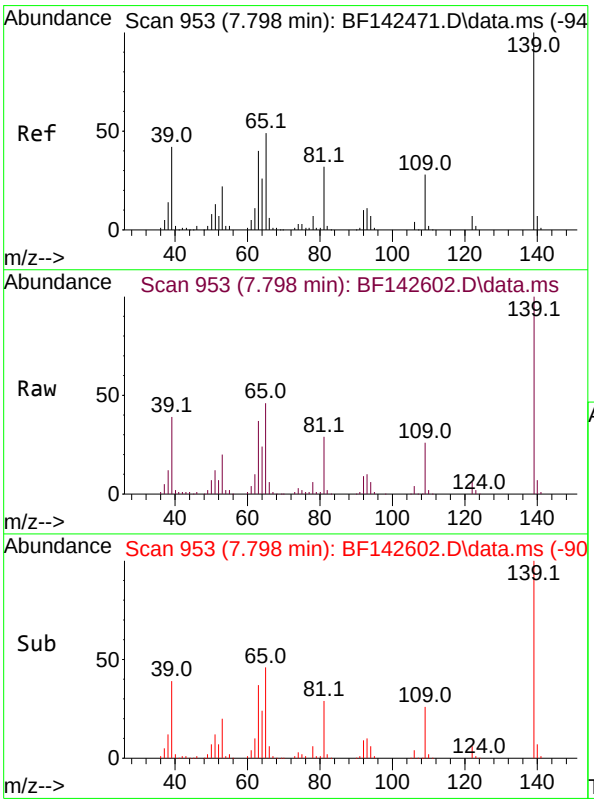
#25
Isophorone
Concen: 36.592 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 510230

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	19.8	15.5	23.3

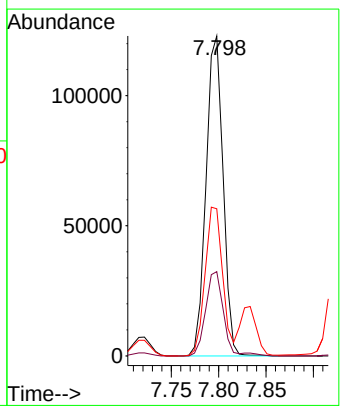


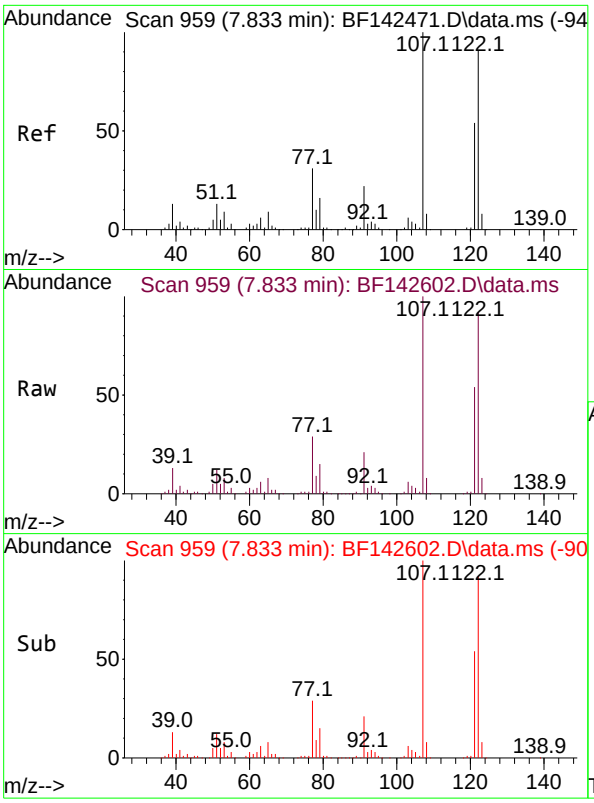


#26
2-Nitrophenol
Concen: 38.258 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:139 Resp: 153765

Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.6	33.8
65	46.0	39.4	59.0



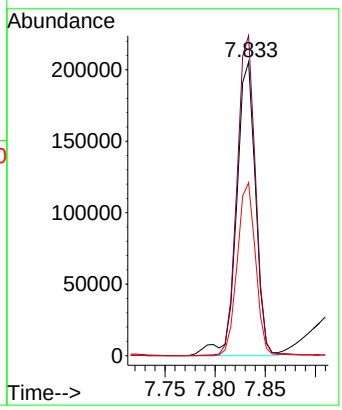


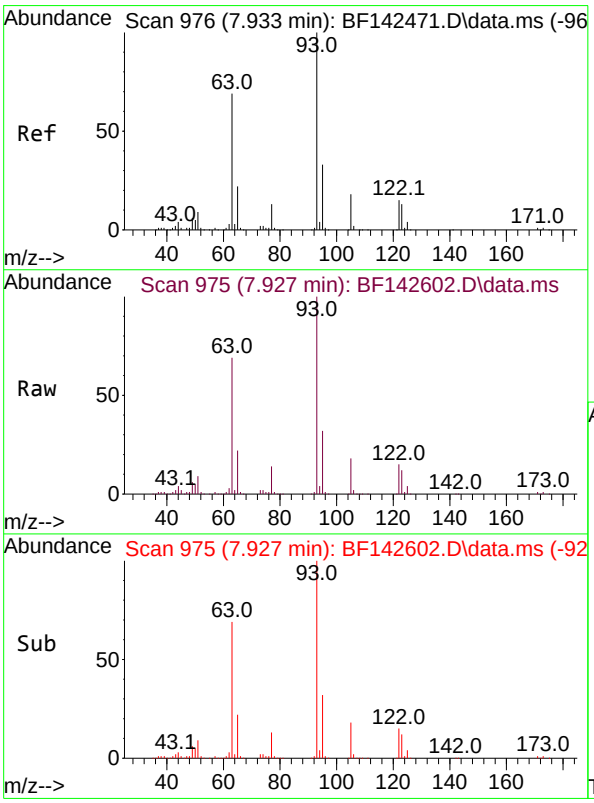
#27
2,4-Dimethylphenol
Concen: 38.021 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 269485

Ion	Ratio	Lower	Upper
122	100		
107	108.9	88.1	132.1
121	58.8	47.3	70.9

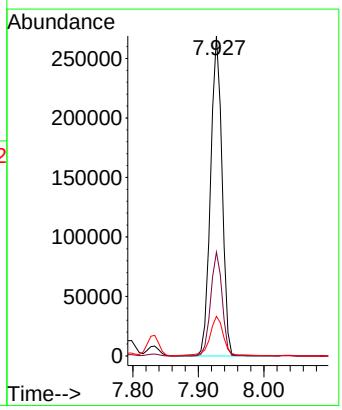


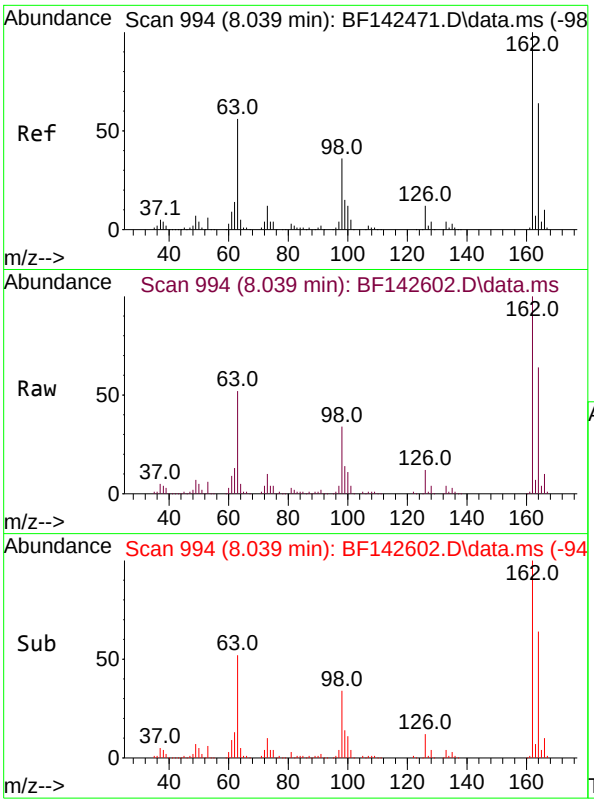


#28
bis(2-Chloroethoxy)methane
Concen: 37.634 ng
RT: 7.927 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 93 Resp: 327803

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.6	15.8



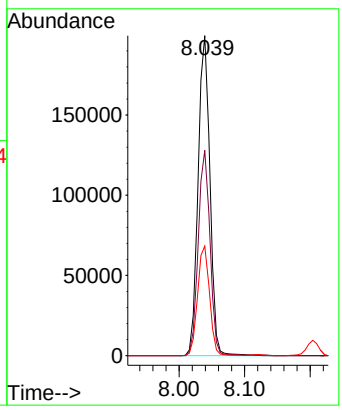


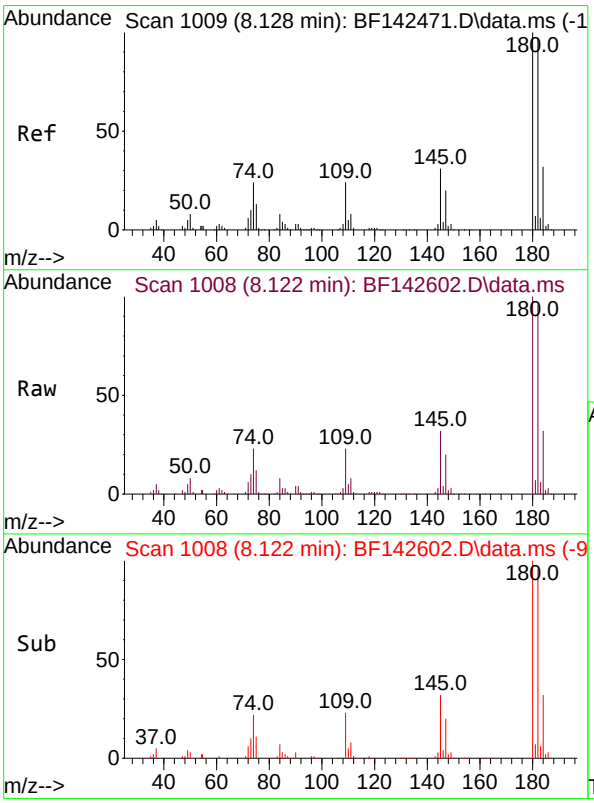
#29
2,4-Dichlorophenol
Concen: 38.617 ng
RT: 8.039 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 248919

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	34.2	15.5	55.5

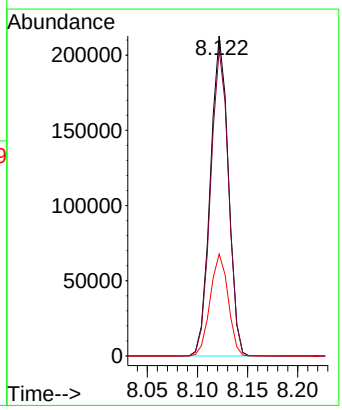


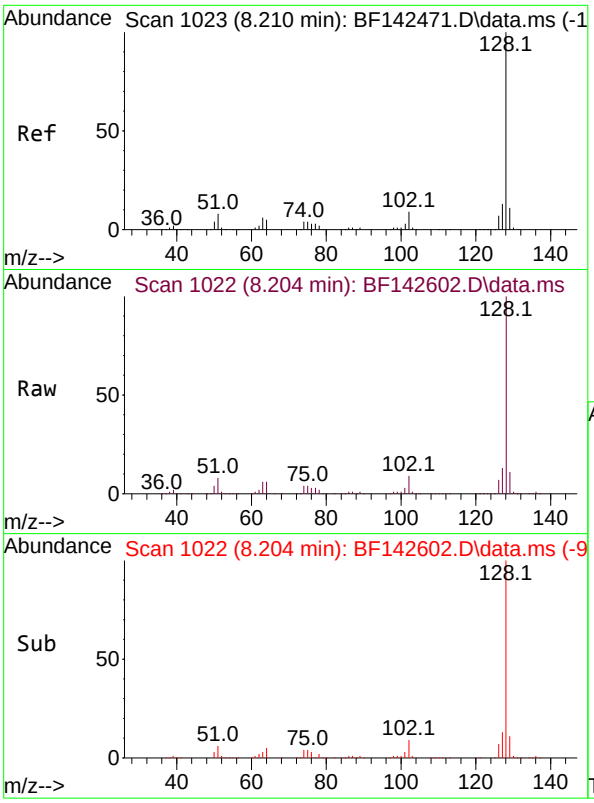


#30
1,2,4-Trichlorobenzene
Concen: 37.834 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:180 Resp: 264670

Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.0	117.0
145	31.8	25.0	37.6



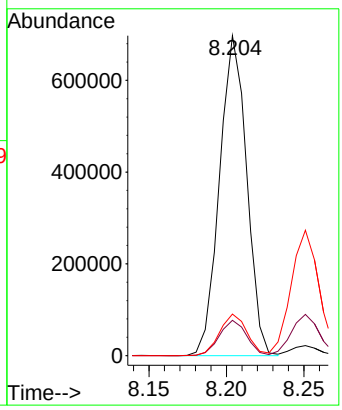


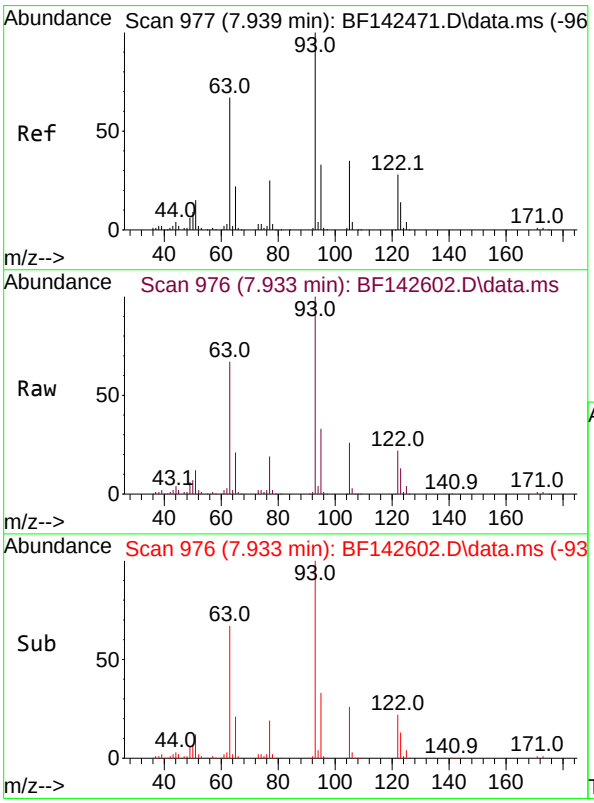
#31
Naphthalene
Concen: 38.068 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 852426

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.5	15.7

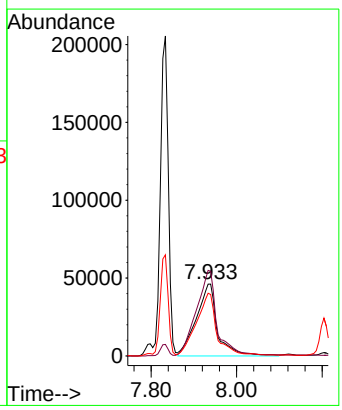


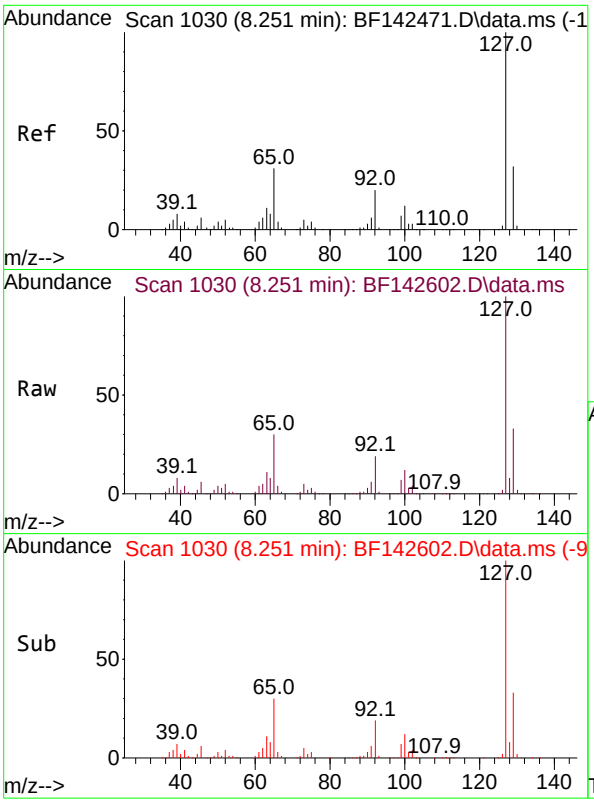


#32
Benzoic acid
Concen: 36.701 ng m
RT: 7.933 min Scan# 976
Delta R.T. -0.042 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:122 Resp: 158349

Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.7	141.7
77	87.3	69.5	109.5



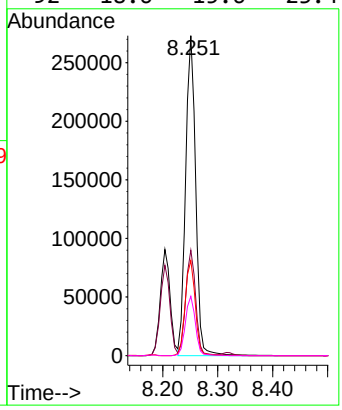


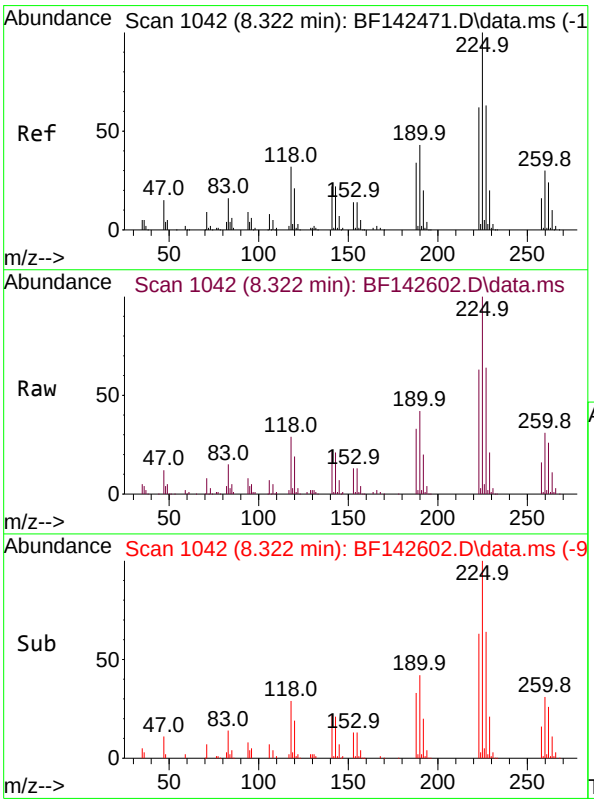
#33
4-Chloroaniline
Concen: 38.203 ng
RT: 8.251 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 346639

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	29.8	24.9	37.3
92	18.6	15.6	23.4

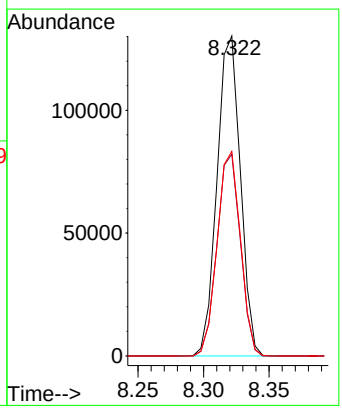


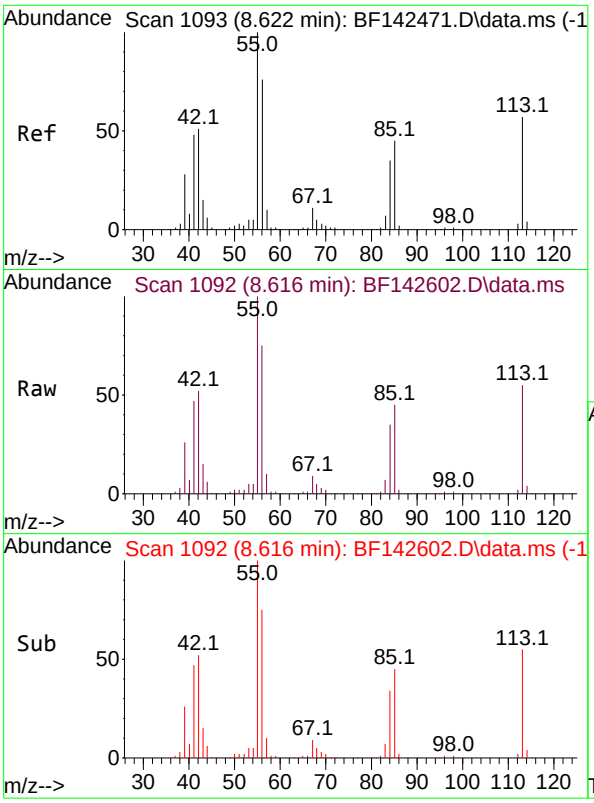


#34
Hexachlorobutadiene
Concen: 37.001 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:225 Resp: 161618

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.9	50.3	75.5



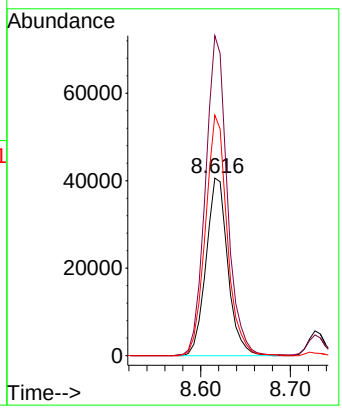


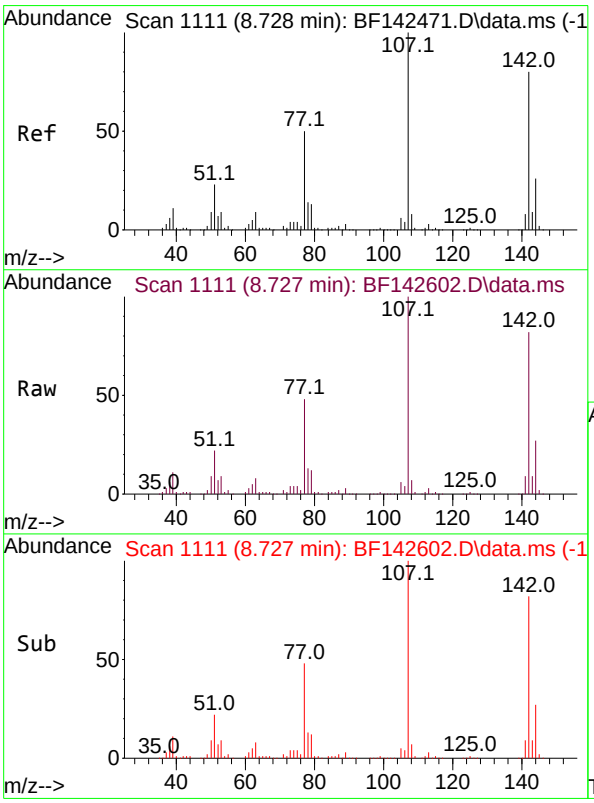
#35
Caprolactam
Concen: 37.857 ng
RT: 8.616 min Scan# 10
Delta R.T. -0.030 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 68535

Ion	Ratio	Lower	Upper
113	100		
55	180.3	154.7	194.7
56	135.4	113.2	153.2

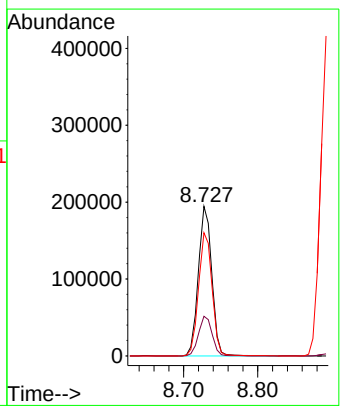


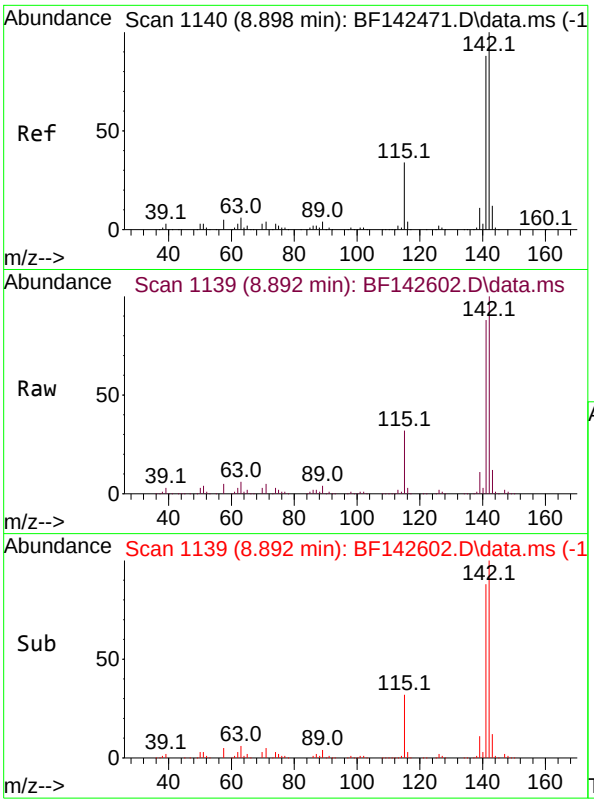


#36
4-Chloro-3-methylphenol
Concen: 37.069 ng
RT: 8.727 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:107 Resp: 244876

Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	82.4	64.2	96.2



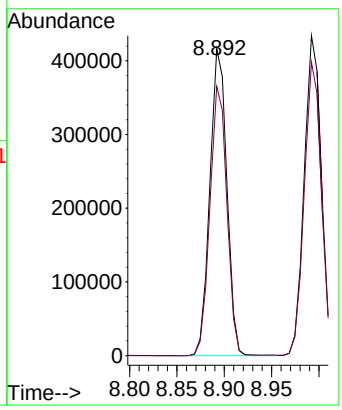


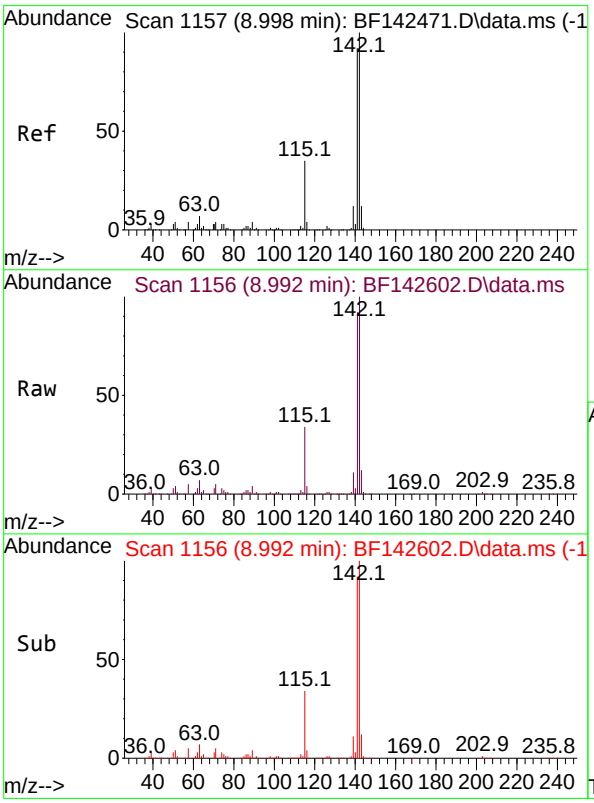
#37
2-Methylnaphthalene
Concen: 36.895 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 519756

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.7	106.1

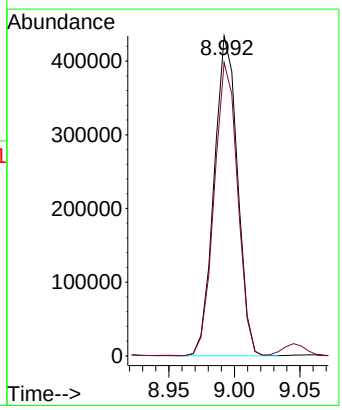


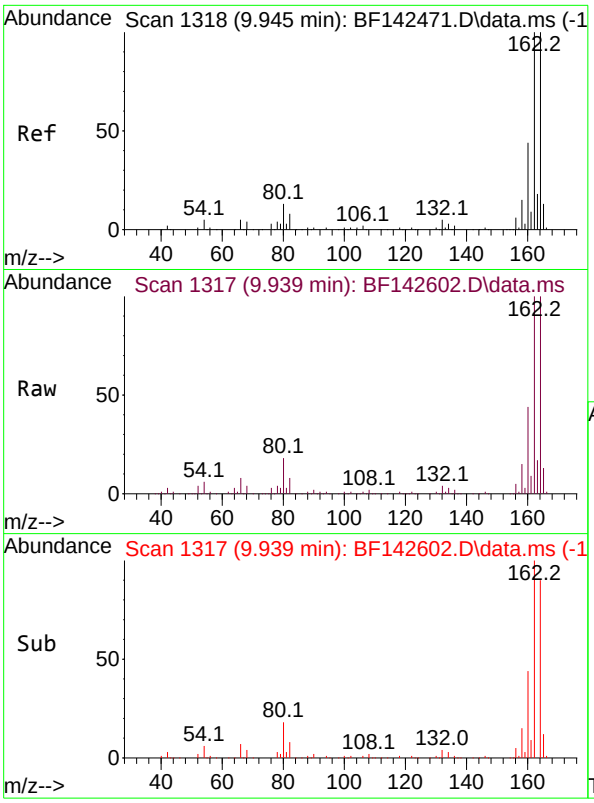


#38
1-Methylnaphthalene
Concen: 37.004 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:142 Resp: 539212

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2



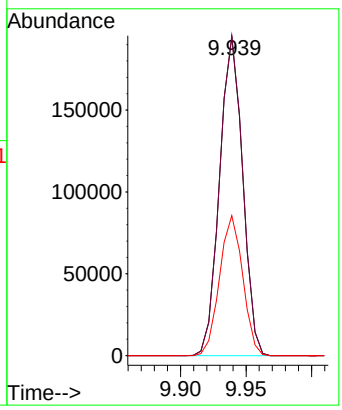


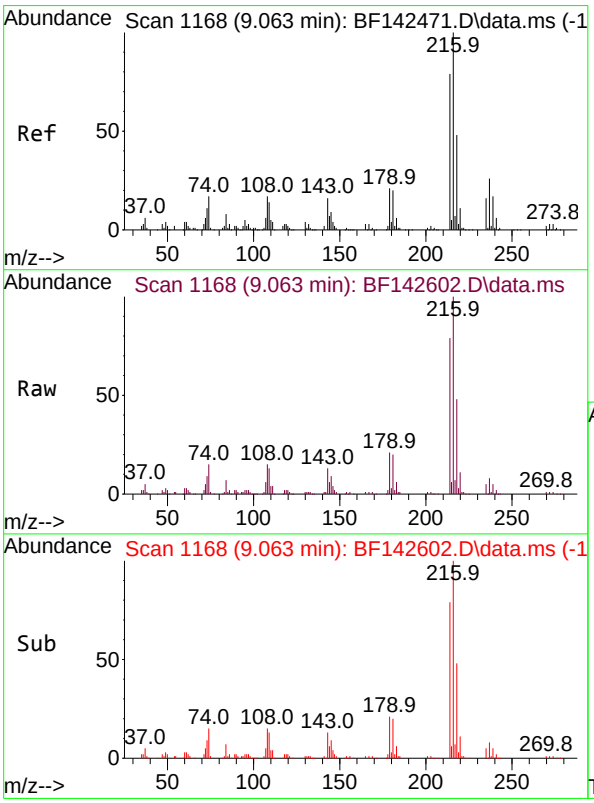
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 238732

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	43.9	35.6	53.4

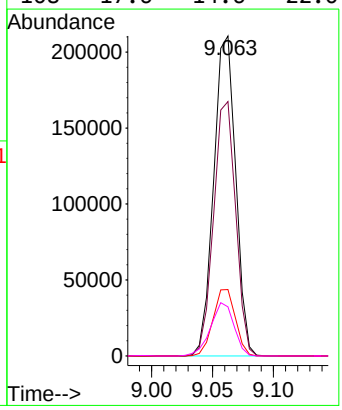


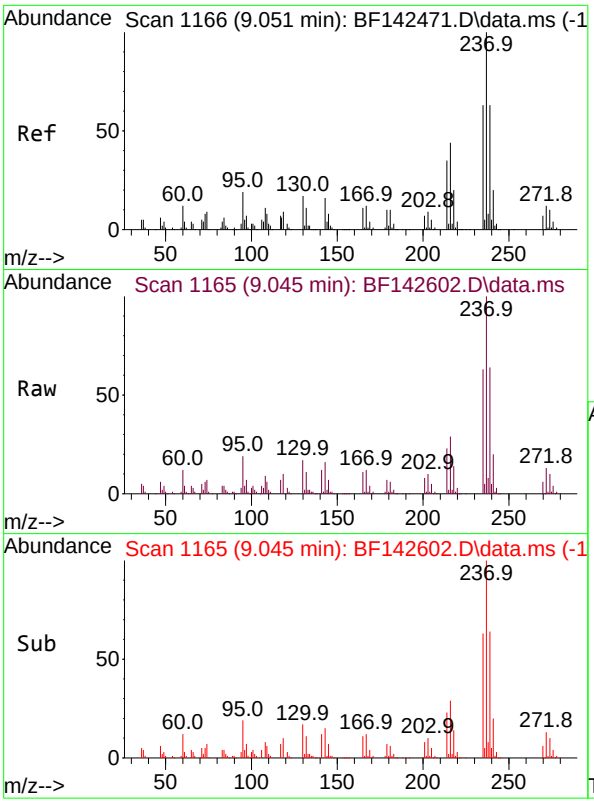


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.772 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:216 Resp: 265705

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.9	94.3
179	21.0	16.9	25.3
108	17.6	14.6	22.0



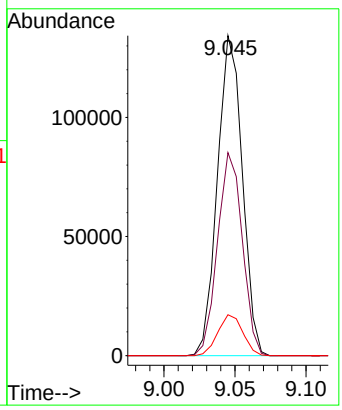


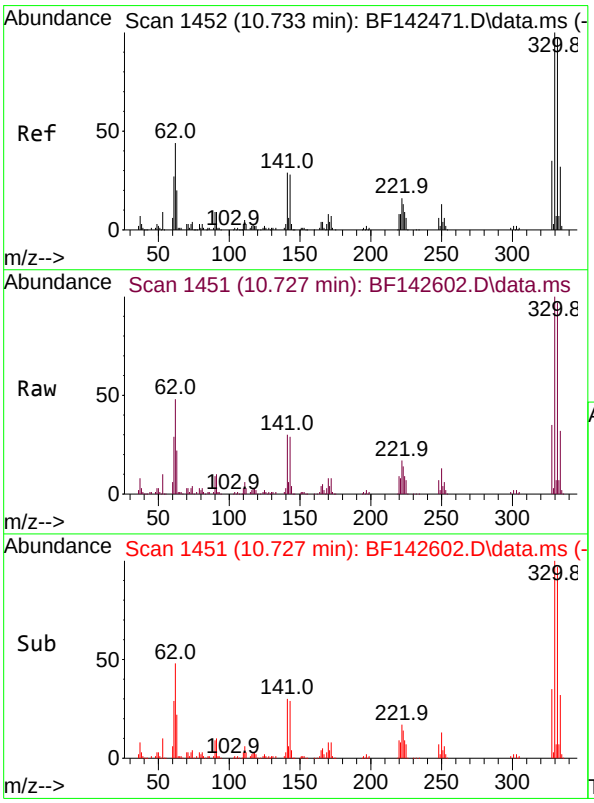
#41
Hexachlorocyclopentadiene
Concen: 35.390 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 163607

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	12.8	0.0	32.4

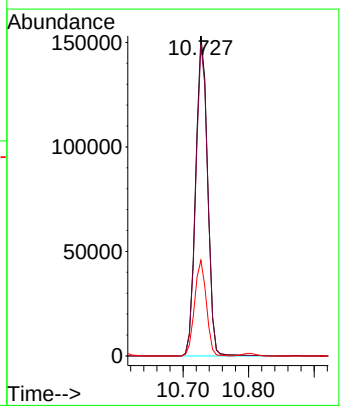


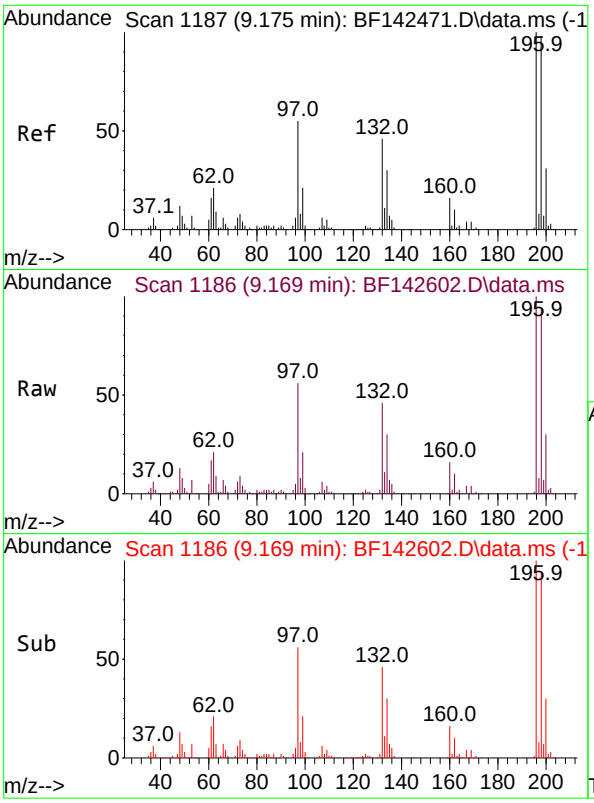


#42
2,4,6-Tribromophenol
Concen: 72.512 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:330 Resp: 192130

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	29.4	24.6	36.8



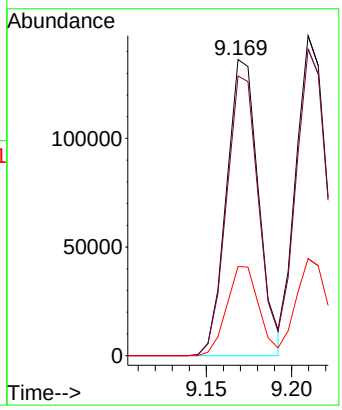


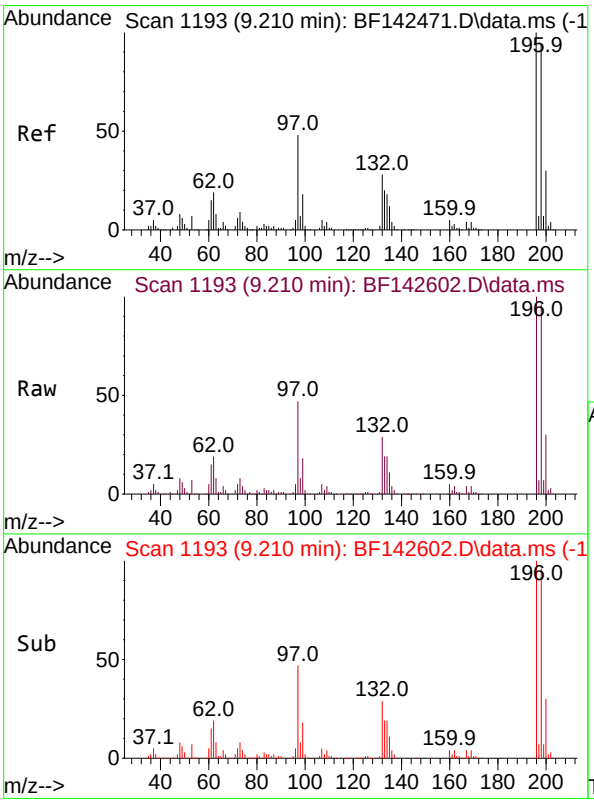
#43
2,4,6-Trichlorophenol
Concen: 38.561 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 178193

Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.8	118.2
200	30.1	24.9	37.3

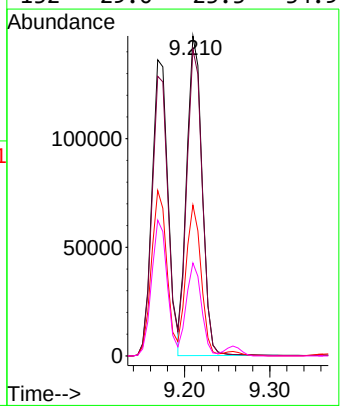


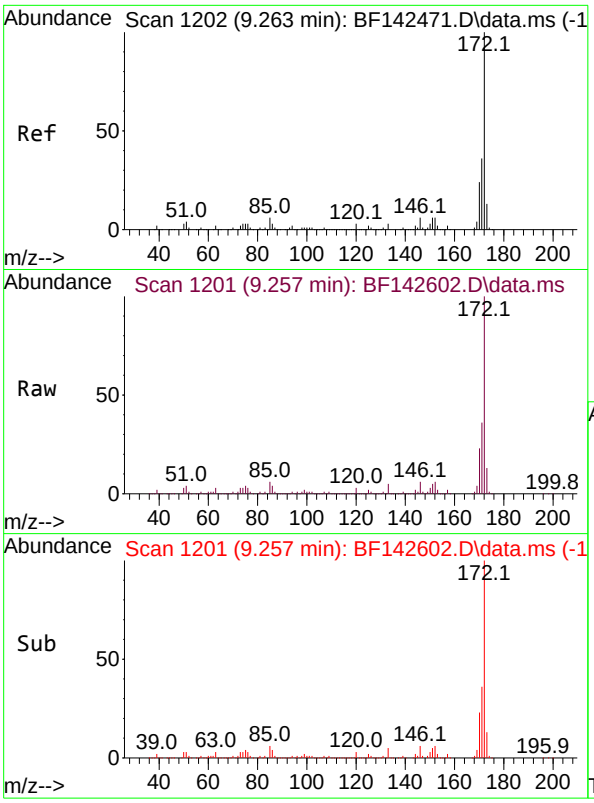


#44
2,4,5-Trichlorophenol
Concen: 37.877 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:196 Resp: 184599

Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.5	113.3
97	47.1	39.3	58.9
132	29.0	23.3	34.9



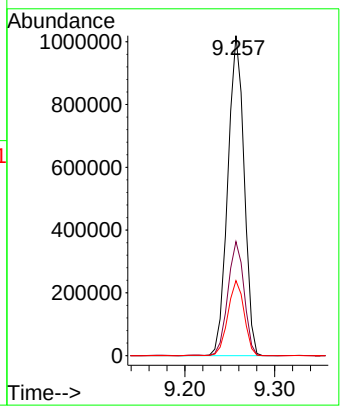


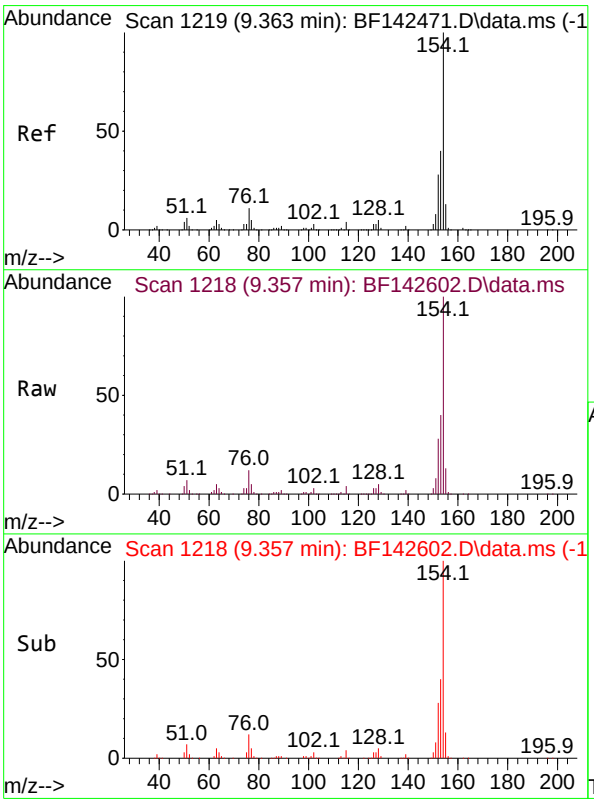
#45
2-Fluorobiphenyl
Concen: 72.816 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1295479

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.4	18.9	28.3

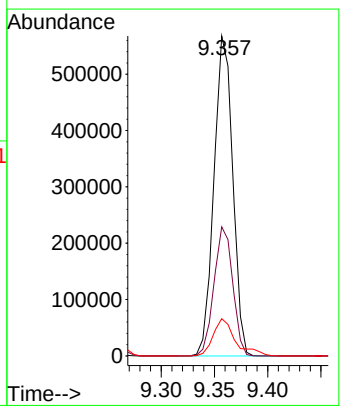


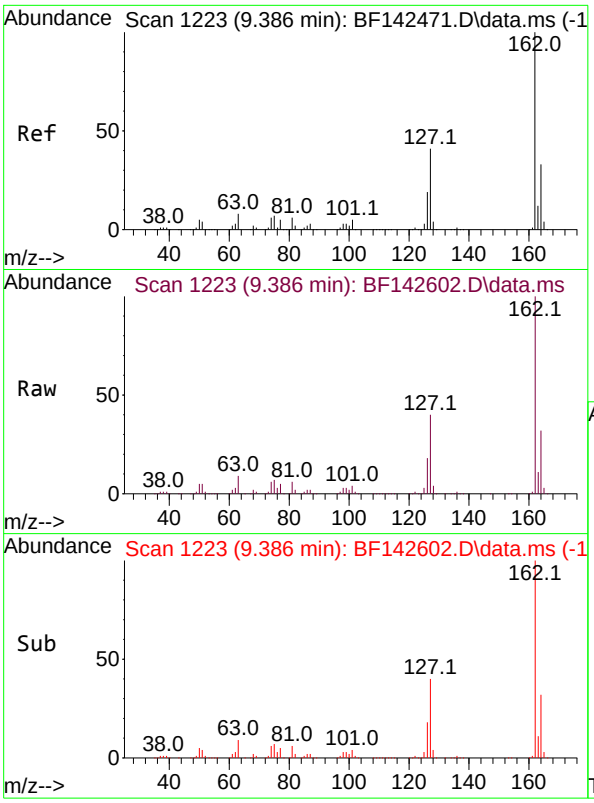


#46
1,1'-Biphenyl
Concen: 37.645 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:154 Resp: 697233

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	11.6	0.0	30.8



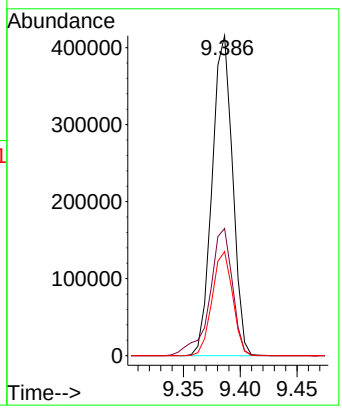


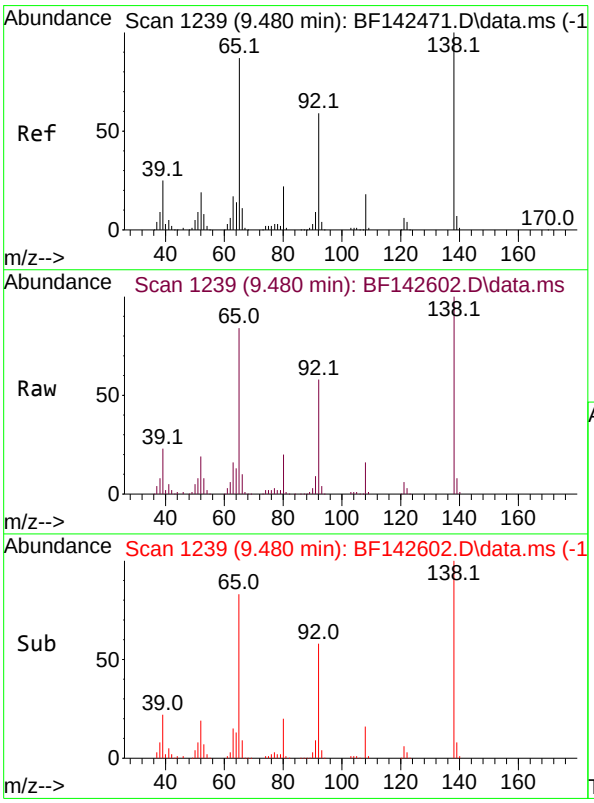
#47
2-Chloronaphthalene
Concen: 38.018 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 520250

Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.5	50.3
164	32.5	26.1	39.1

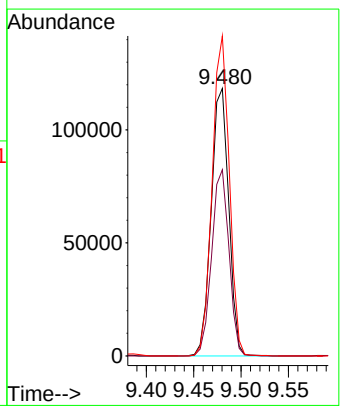


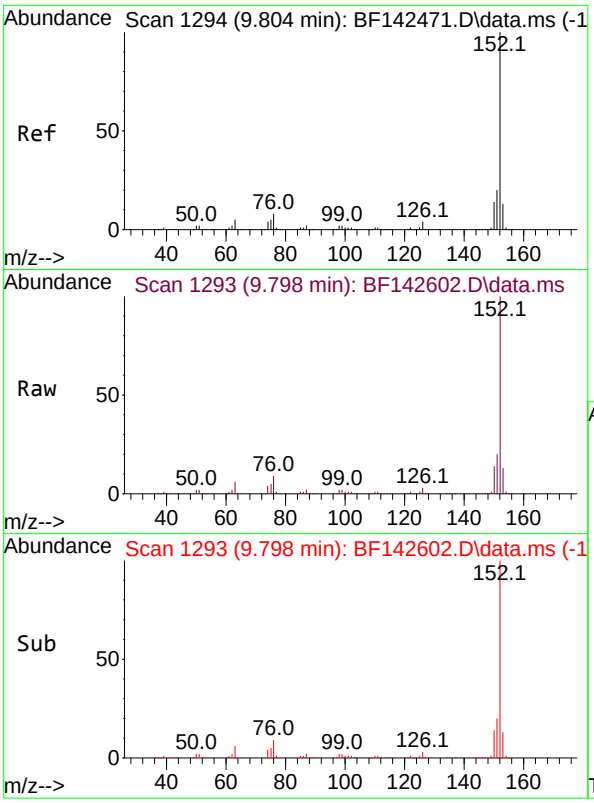


#48
2-Nitroaniline
Concen: 38.514 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 65 Resp: 152336

Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.4	81.6
138	119.7	91.4	137.2



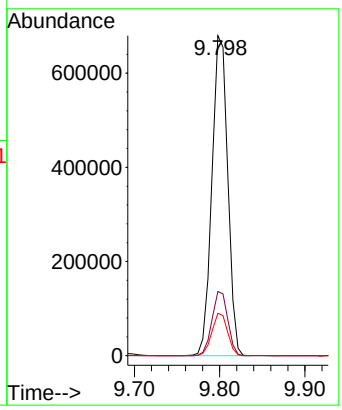


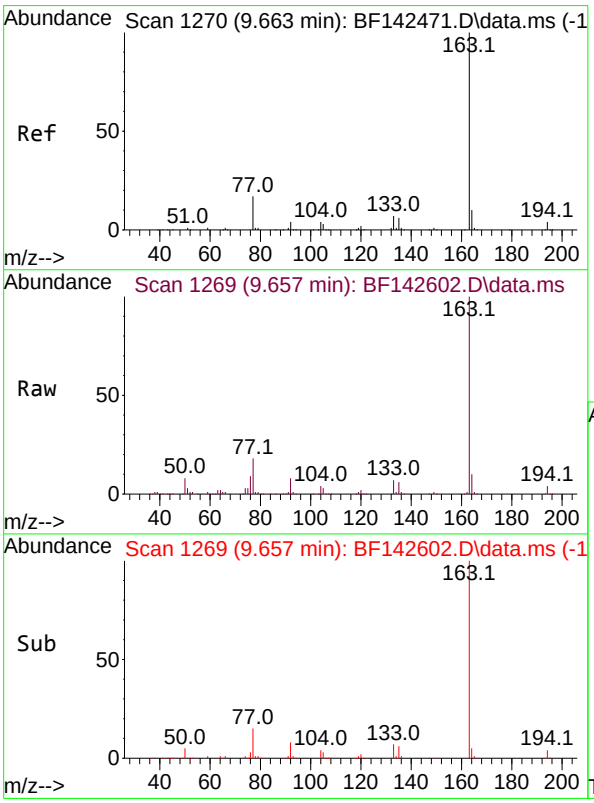
#49
Acenaphthylene
Concen: 37.900 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 875741

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	15.8

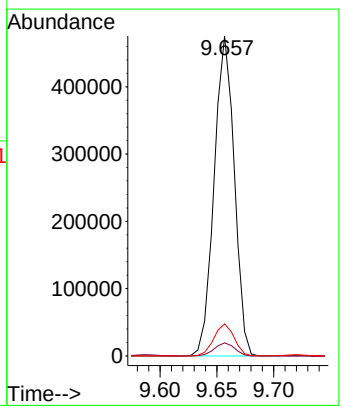


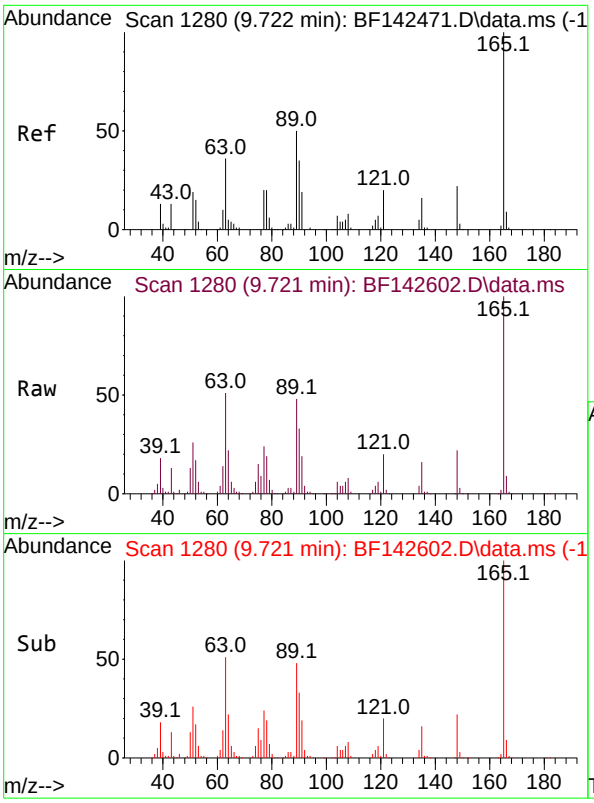


#50
Dimethylphthalate
Concen: 37.234 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:163 Resp: 586529

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.2	12.4



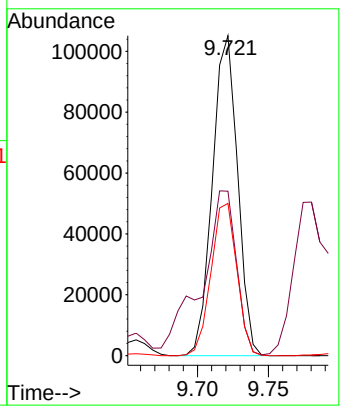


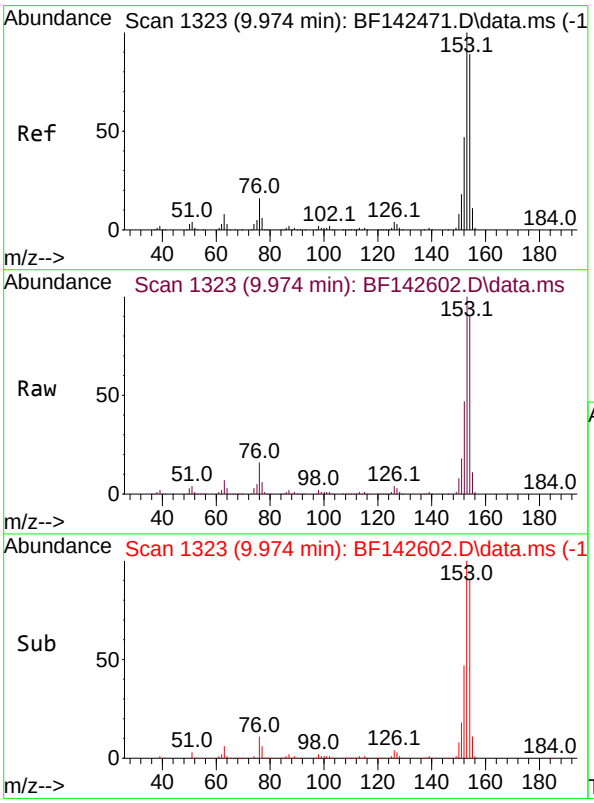
#51
2,6-Dinitrotoluene
Concen: 38.201 ng
RT: 9.721 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 129876

Ion	Ratio	Lower	Upper
165	100		
63	51.4	42.9	64.3
89	47.6	40.2	60.4

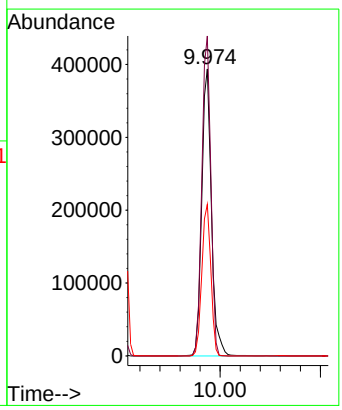


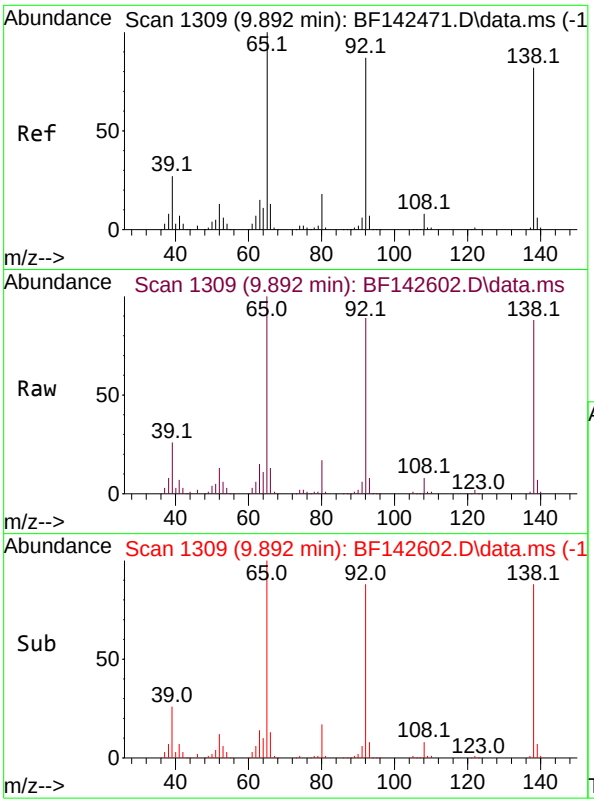


#52
Acenaphthene
Concen: 37.466 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:154 Resp: 528629

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.0	135.0
152	52.7	42.6	64.0



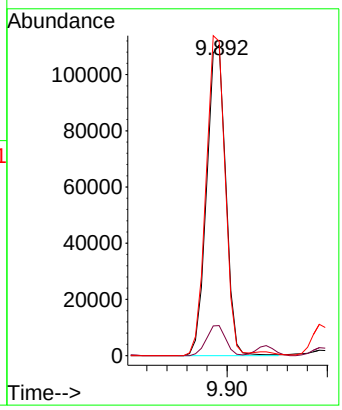


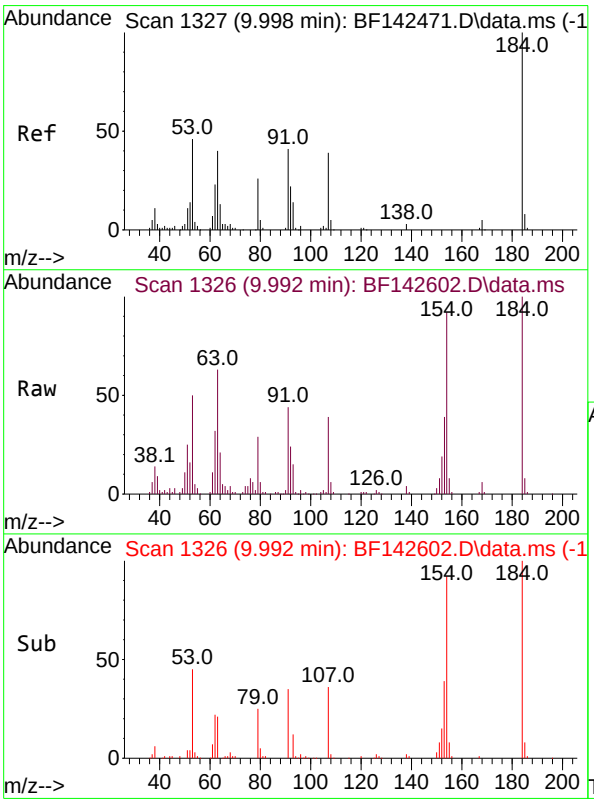
#53
3-Nitroaniline
Concen: 39.191 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 145534

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.1	12.1
92	101.2	85.2	127.8

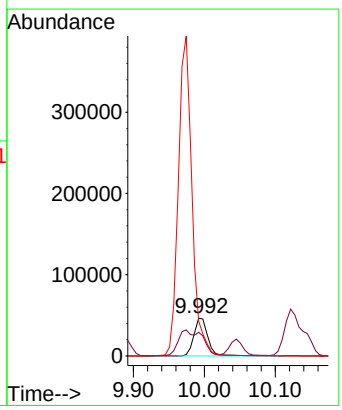


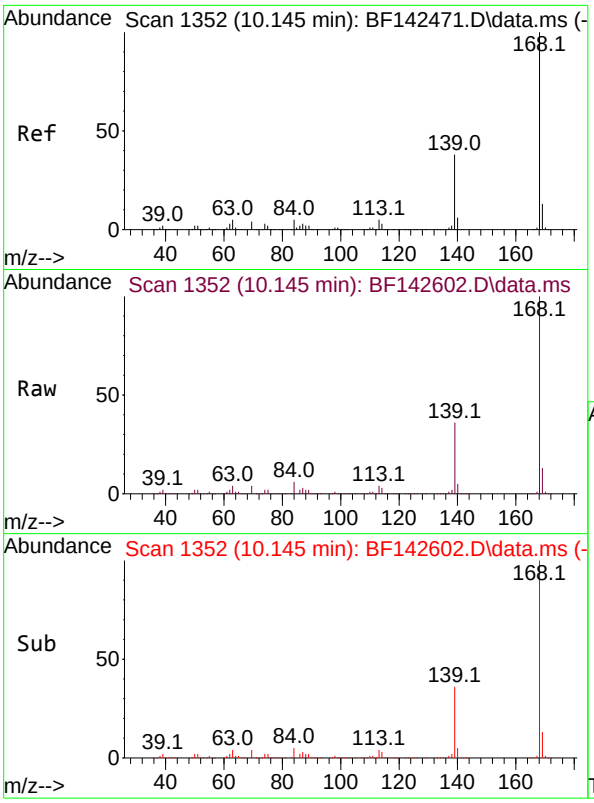


#54
2,4-Dinitrophenol
Concen: 35.898 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:184 Resp: 63055

Ion	Ratio	Lower	Upper
184	100		
63	62.8	46.3	69.5
154	92.1	56.8	85.2#



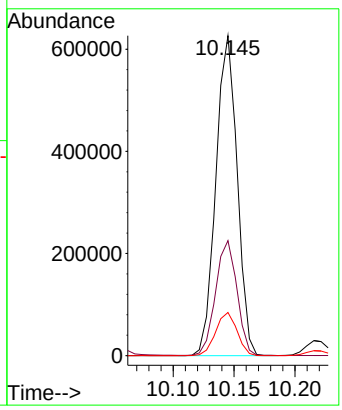


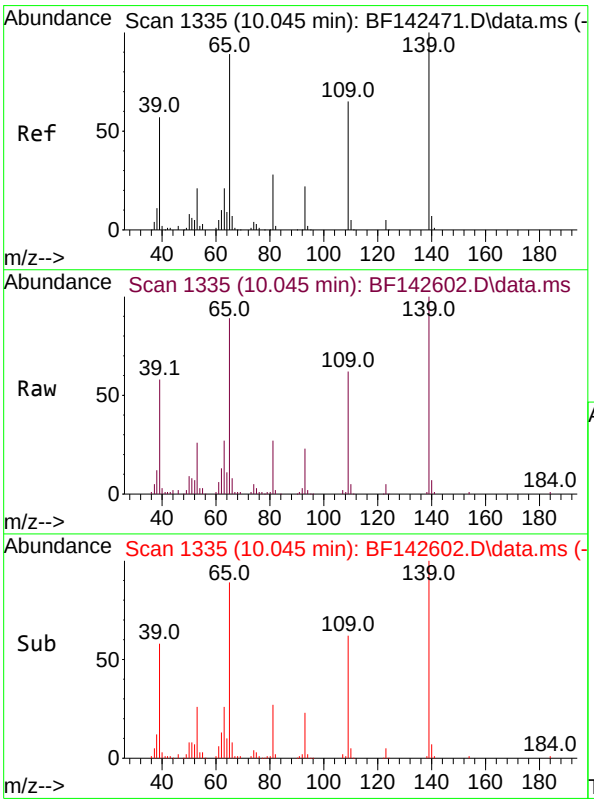
#55
Dibenzofuran
Concen: 37.618 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 763801

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.2	45.2
169	13.5	10.7	16.1

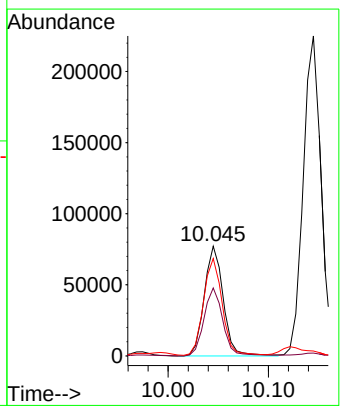


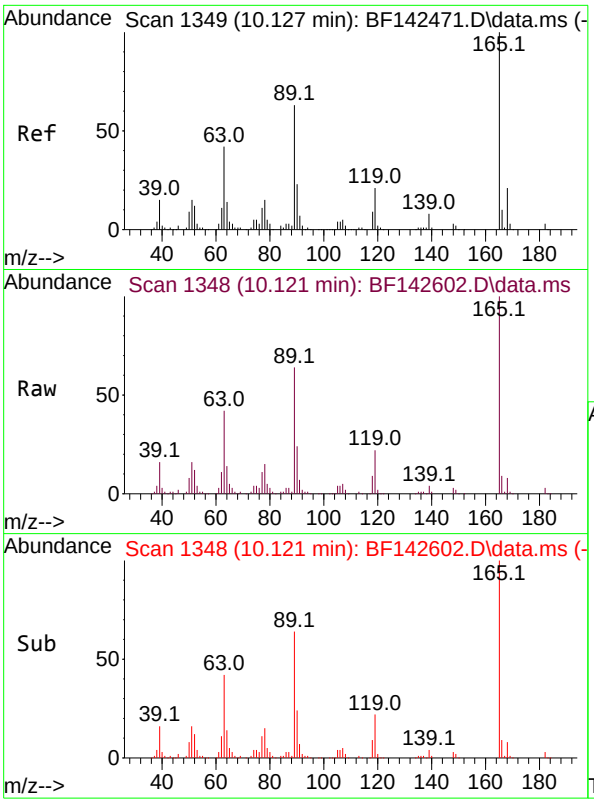


#56
4-Nitrophenol
Concen: 36.821 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:139 Resp: 100887

Ion	Ratio	Lower	Upper
139	100		
109	61.9	45.1	85.1
65	88.8	69.7	109.7



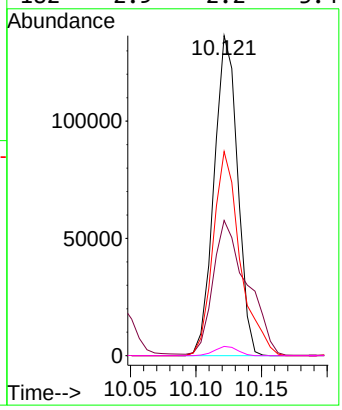


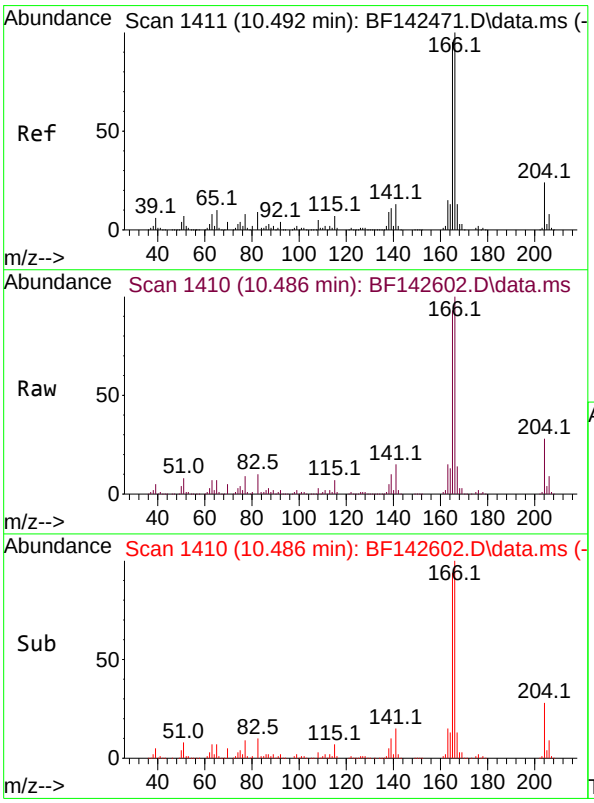
#57
2,4-Dinitrotoluene
Concen: 38.449 ng
RT: 10.121 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 170719

Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.6	50.4
89	63.8	50.2	75.4
182	2.9	2.2	3.4

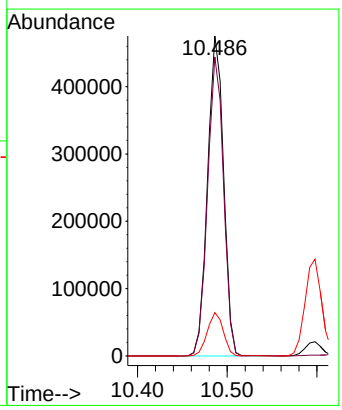


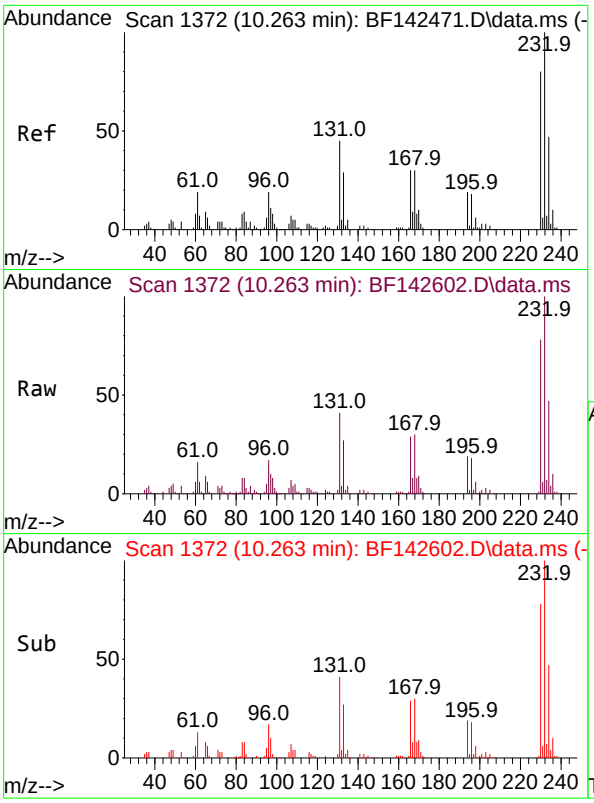


#58
Fluorene
Concen: 37.608 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:166 Resp: 589914

Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.8	113.8
167	13.5	10.6	16.0



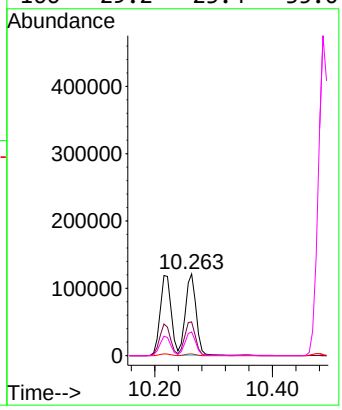


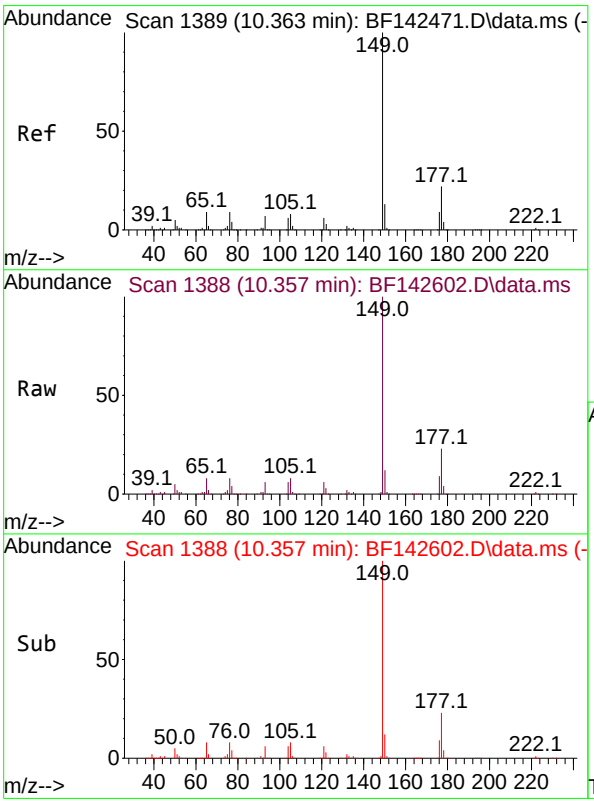
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.704 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 153400

Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.2	52.8
130	2.0	1.7	2.5
166	29.2	23.4	35.0

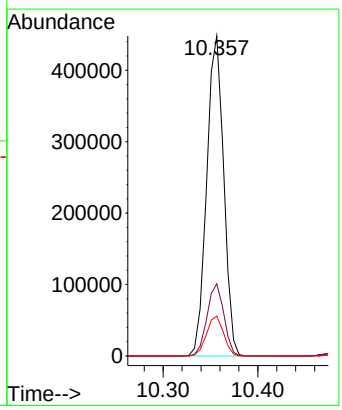


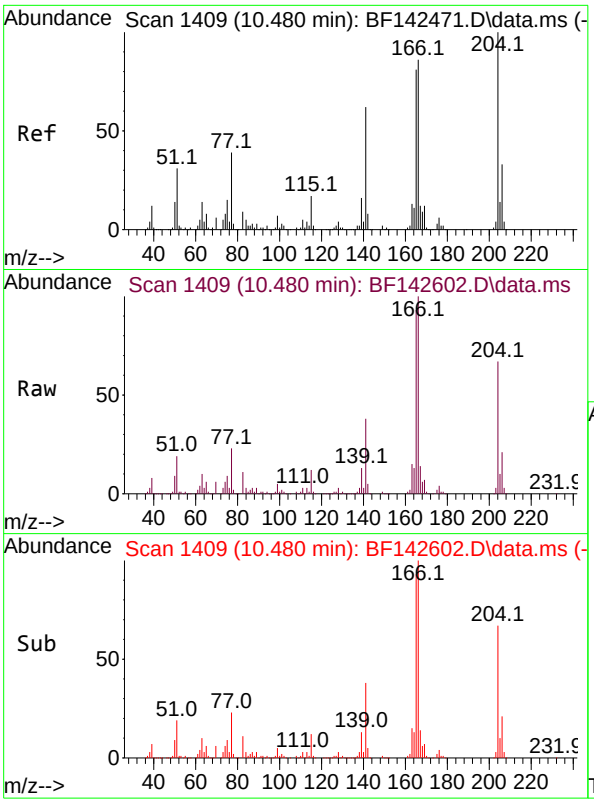


#60
Diethylphthalate
Concen: 36.339 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 559057

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.4	10.1	15.1



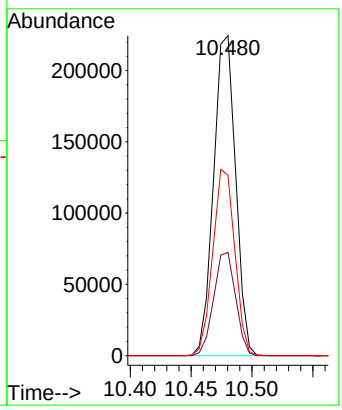


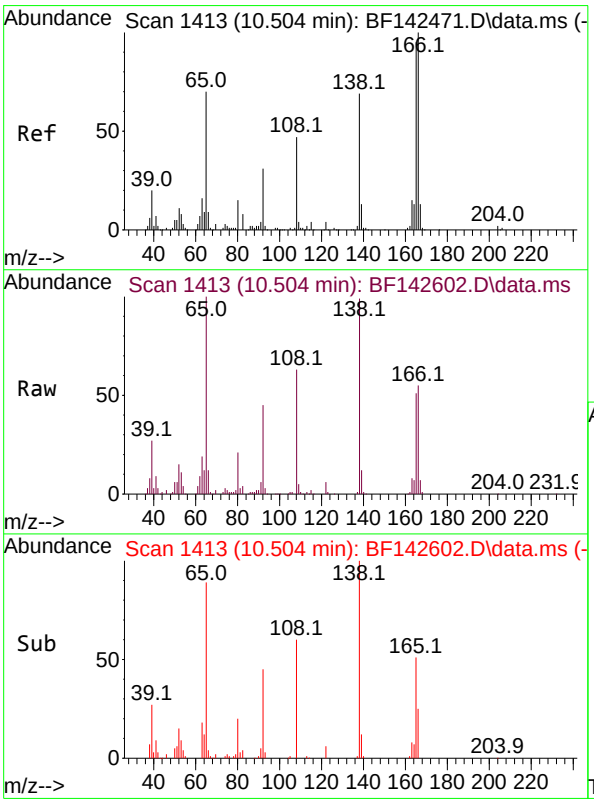
#61
4-Chlorophenyl-phenylether
Concen: 36.750 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 283181

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	56.4	49.5	74.3

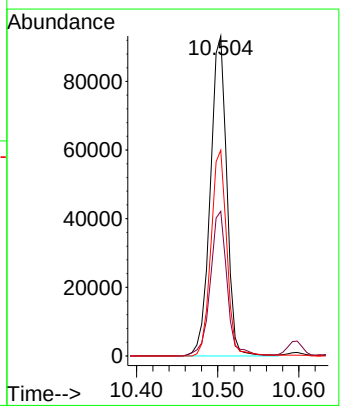


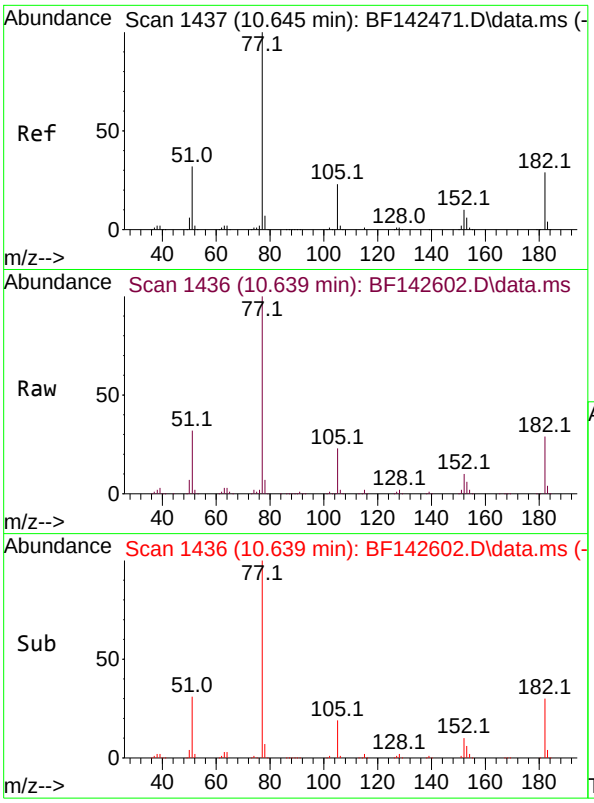


#62
4-Nitroaniline
Concen: 39.013 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:138 Resp: 131390

Ion	Ratio	Lower	Upper
138	100		
92	45.2	26.0	66.0
108	64.3	48.4	88.4



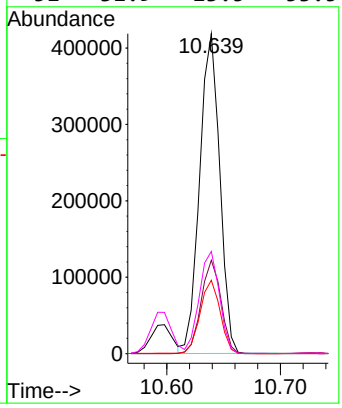


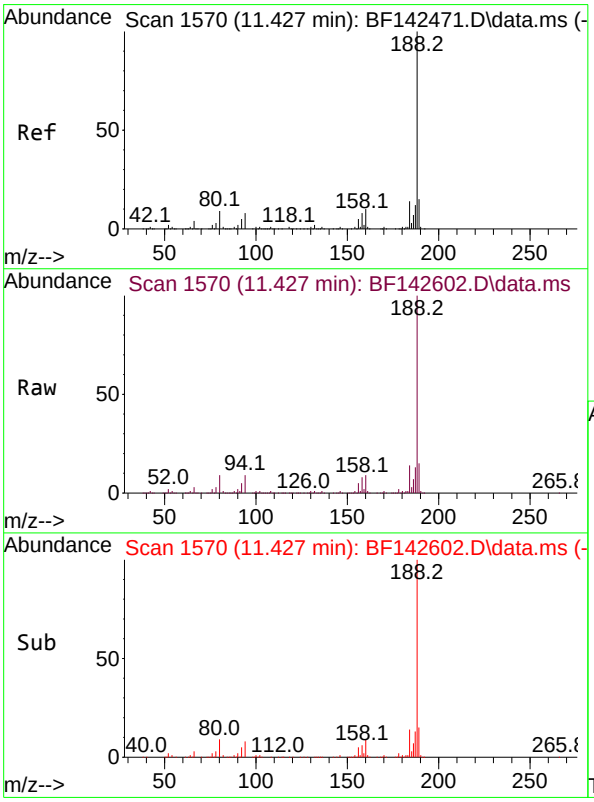
#63
Azobenzene
Concen: 37.331 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 515846

Ion	Ratio	Lower	Upper
77	100		
182	29.2	9.0	49.0
105	22.9	2.4	42.4
51	31.9	13.5	53.5

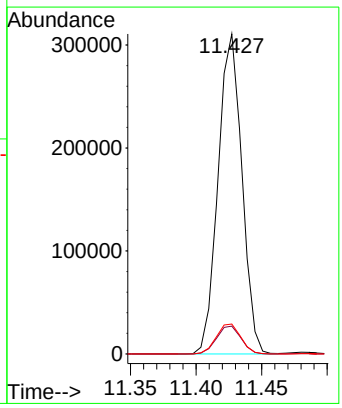


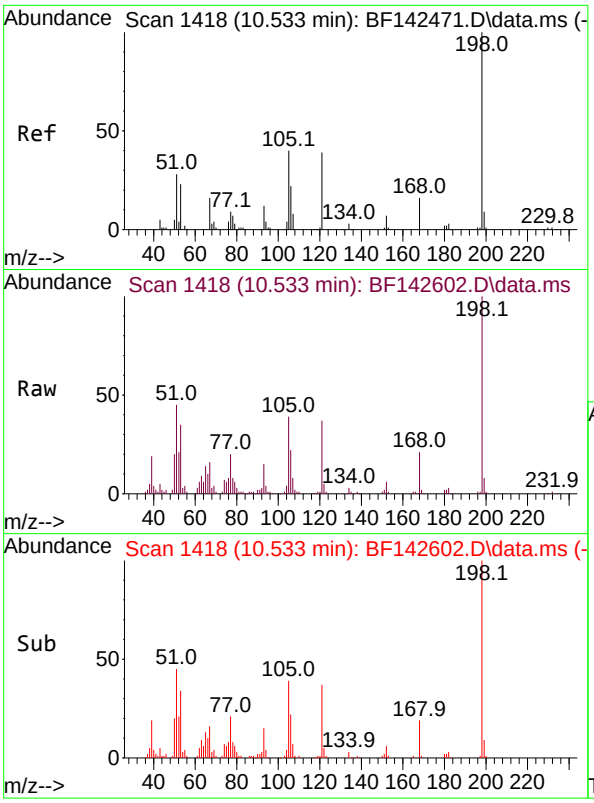


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:188 Resp: 393948

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.3	7.4	11.0



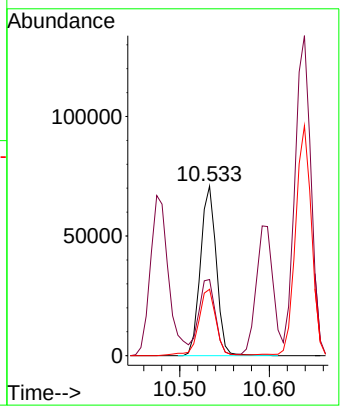


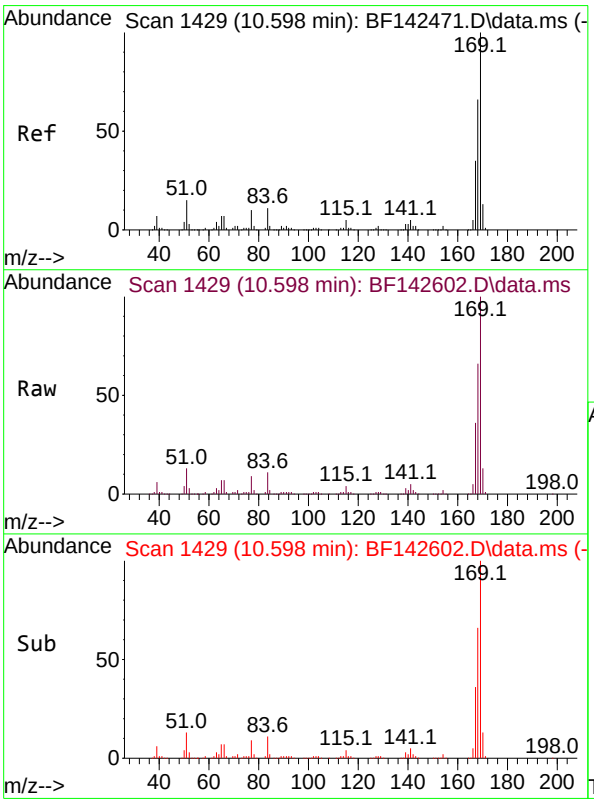
#65
4,6-Dinitro-2-methylphenol
Concen: 39.612 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 87089

Ion	Ratio	Lower	Upper
198	100		
51	44.9	28.3	68.3
105	39.1	21.3	61.3

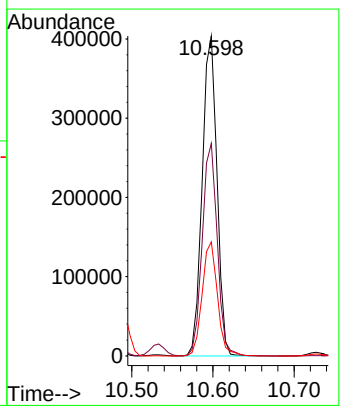


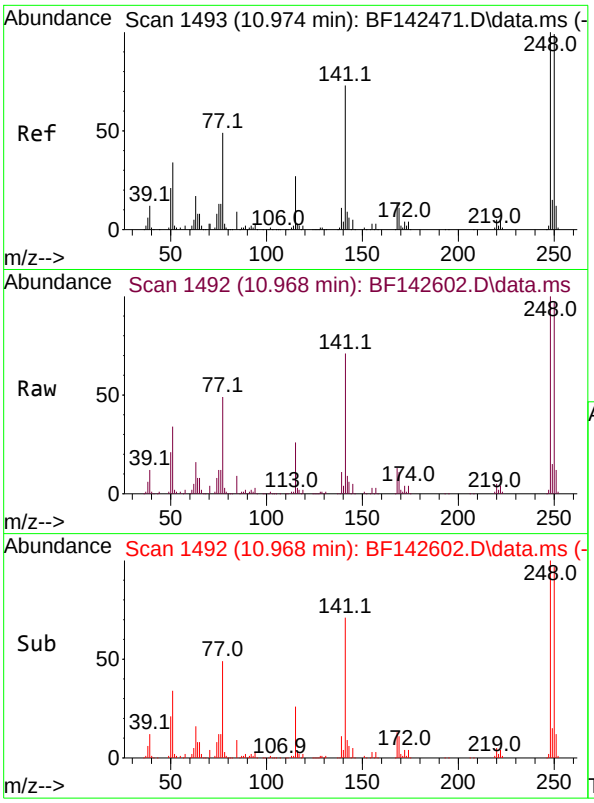


#66
n-Nitrosodiphenylamine
Concen: 37.861 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:169 Resp: 510277

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.7	79.1
167	35.6	28.3	42.5



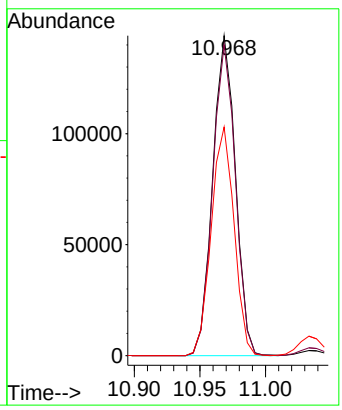


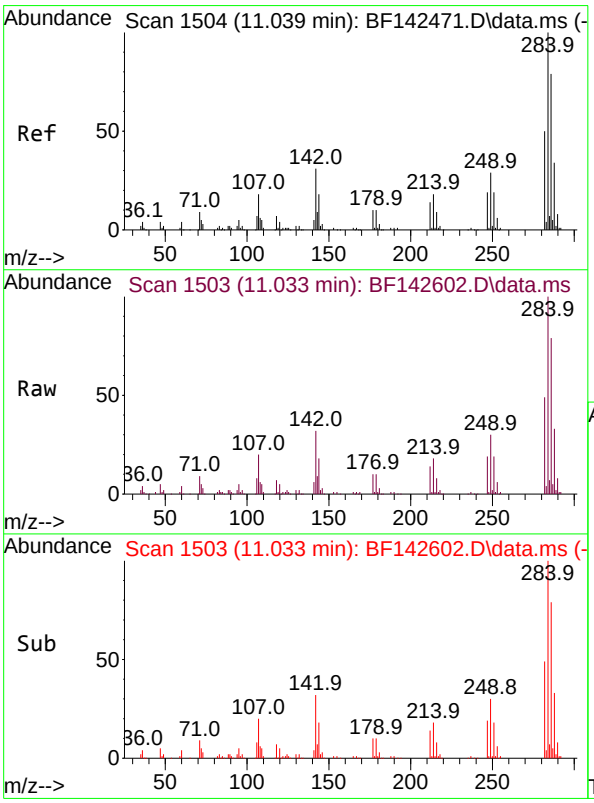
#67
4-Bromophenyl-phenylether
Concen: 37.439 ng
RT: 10.968 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 174398

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.0	118.4
141	71.4	58.4	87.6

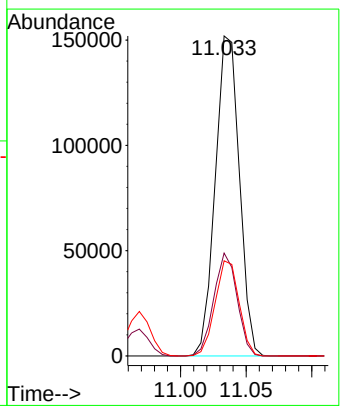


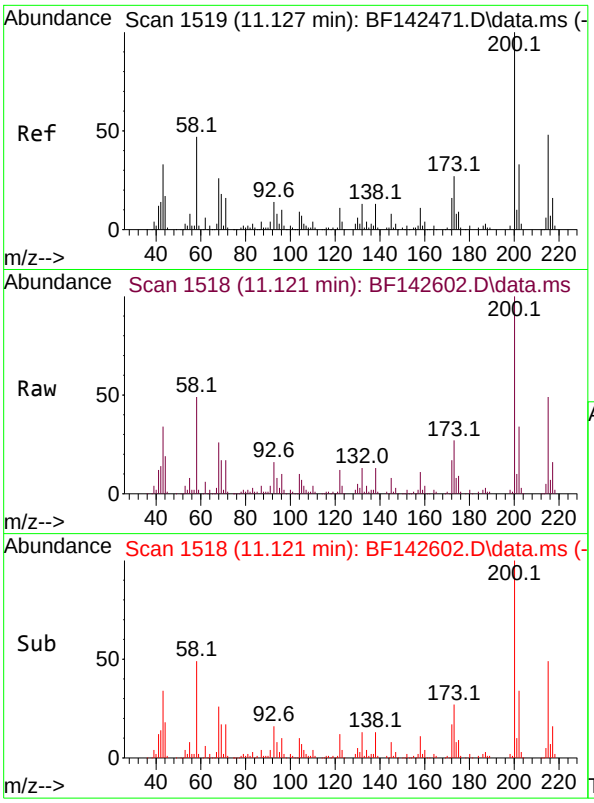


#68
Hexachlorobenzene
Concen: 37.721 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:284 Resp: 194341

Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.8	37.2
249	29.7	23.6	35.4



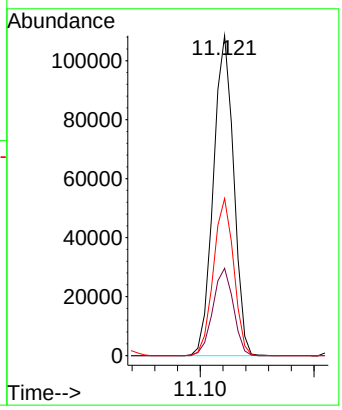


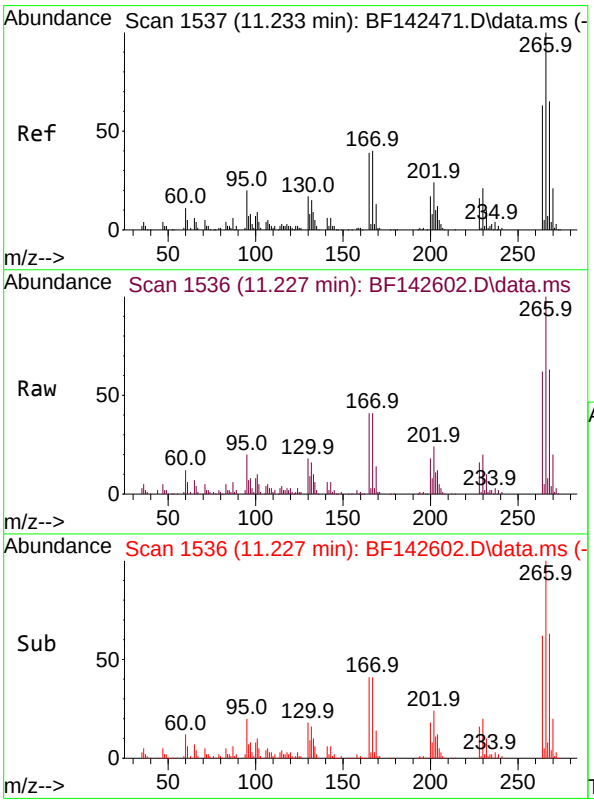
#69
Atrazine
Concen: 37.559 ng
RT: 11.121 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 134435

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	49.1	28.5	68.5

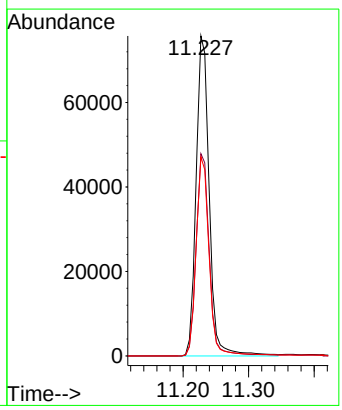


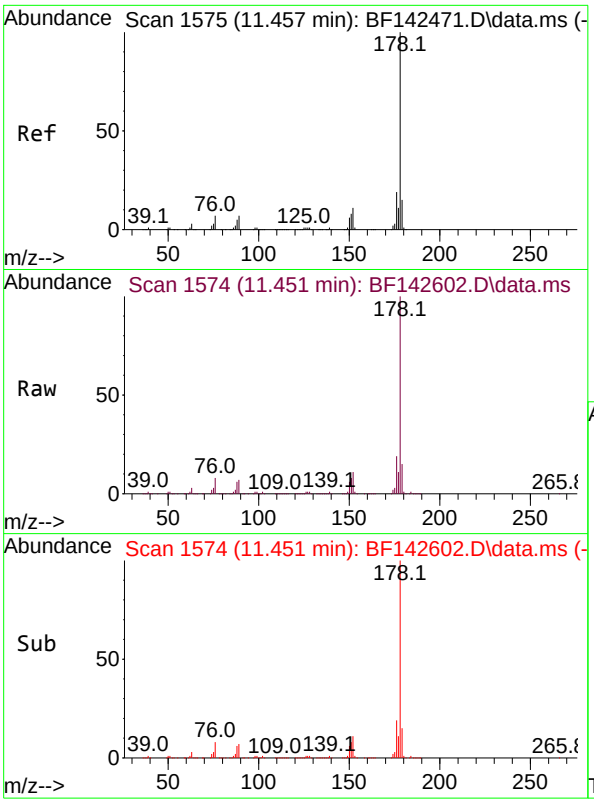


#70
Pentachlorophenol
Concen: 36.033 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:266 Resp: 104811

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.7	77.5
264	62.1	50.4	75.6



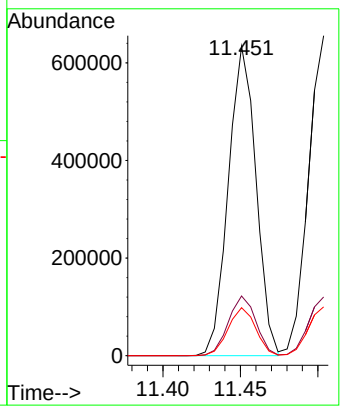


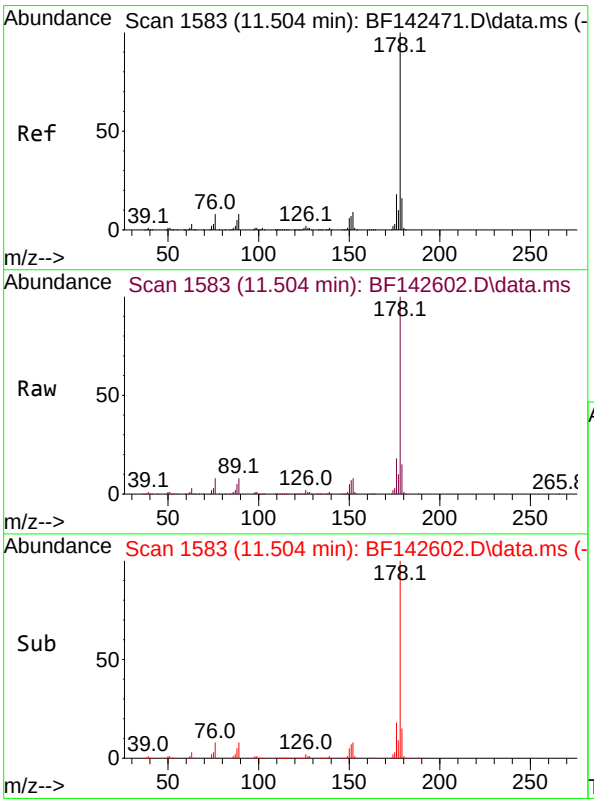
#71
Phenanthrene
Concen: 37.435 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 788124

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.3	18.5

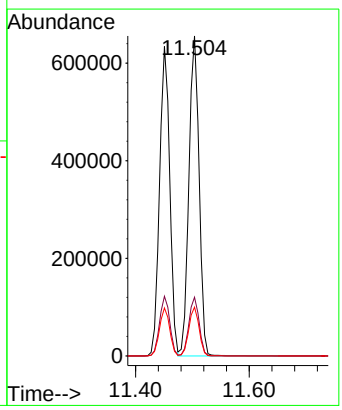


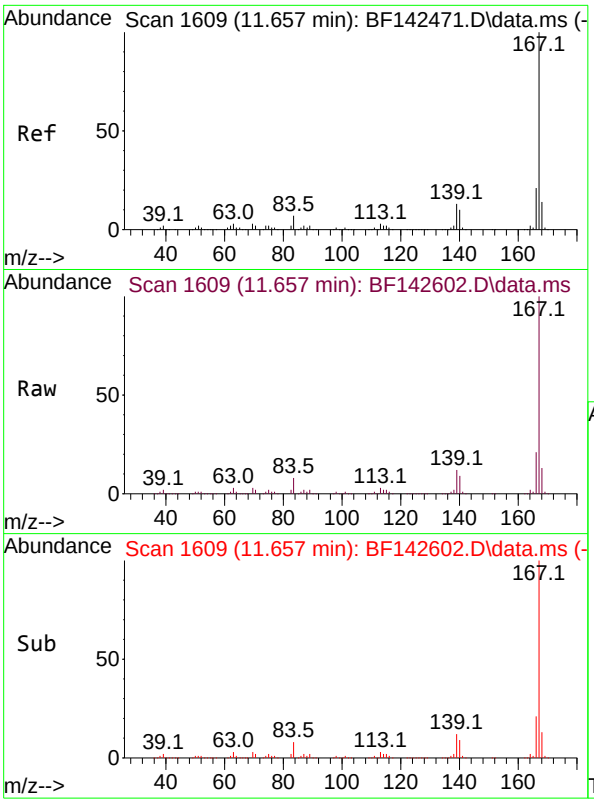


#72
Anthracene
Concen: 37.956 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:178 Resp: 815543

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.2	12.4	18.6



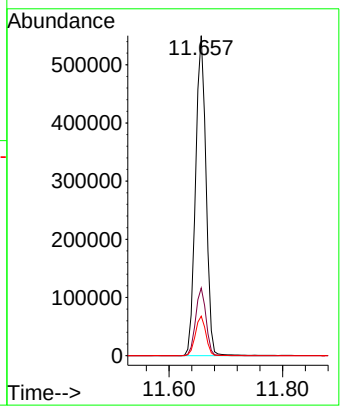


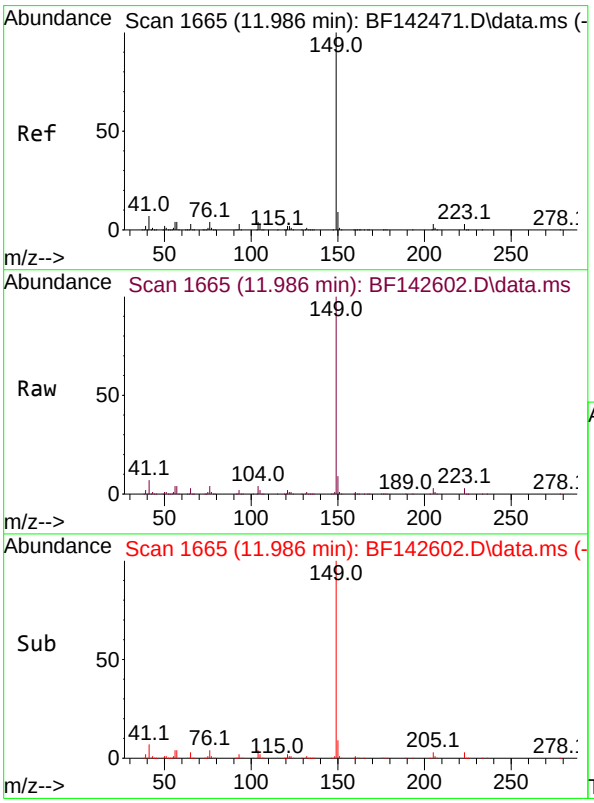
#73
Carbazole
Concen: 38.010 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 698206

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.3	10.2	15.4

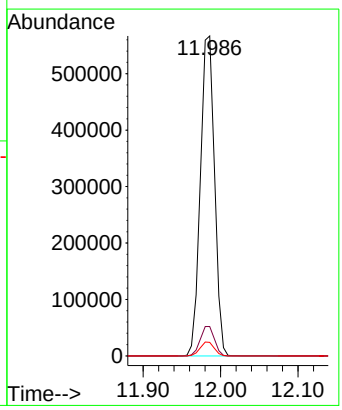


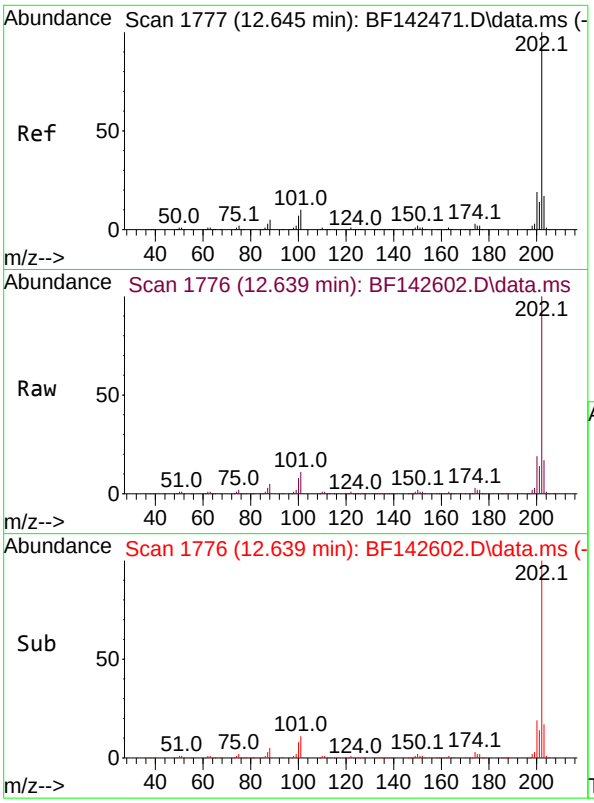


#74
Di-n-butylphthalate
Concen: 35.822 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 720252

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.2	3.6	5.4



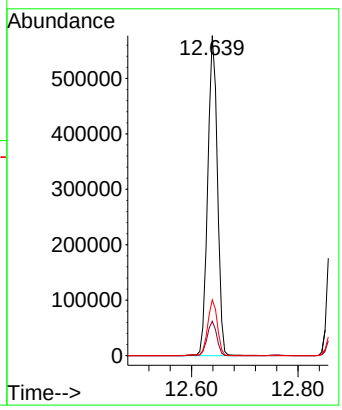


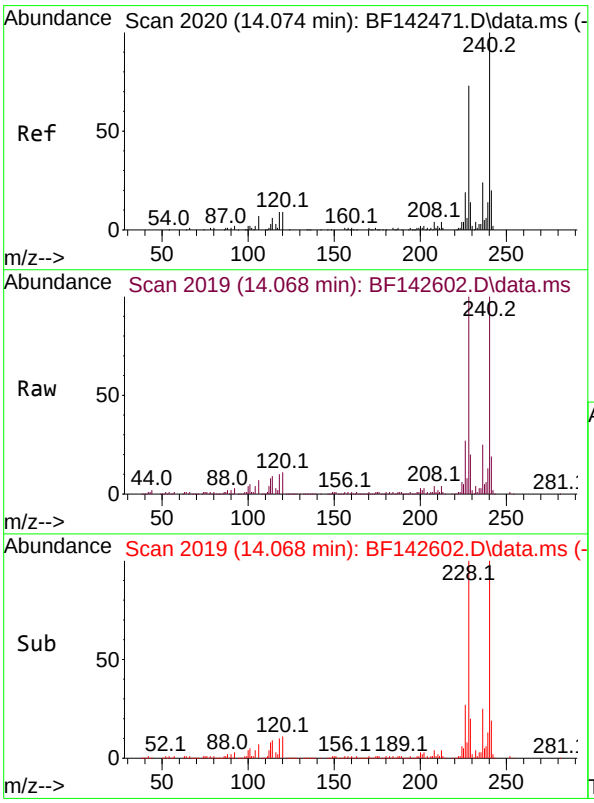
#75
Fluoranthene
Concen: 36.958 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 727045

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.6
203	17.4	0.0	37.2

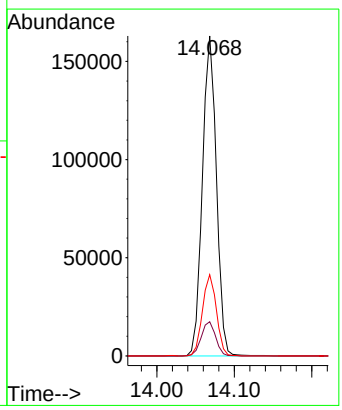


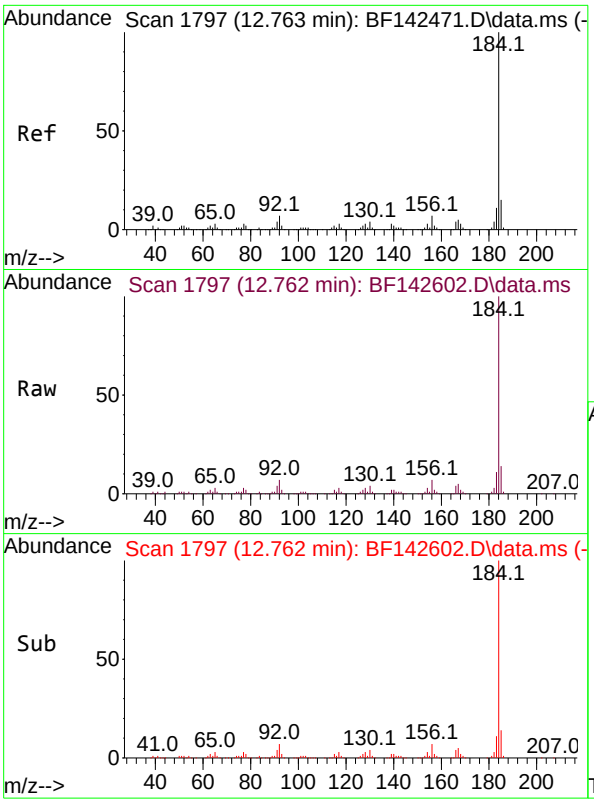


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:240 Resp: 204352

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	25.4	19.6	29.4



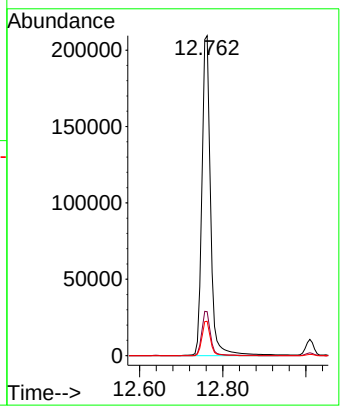


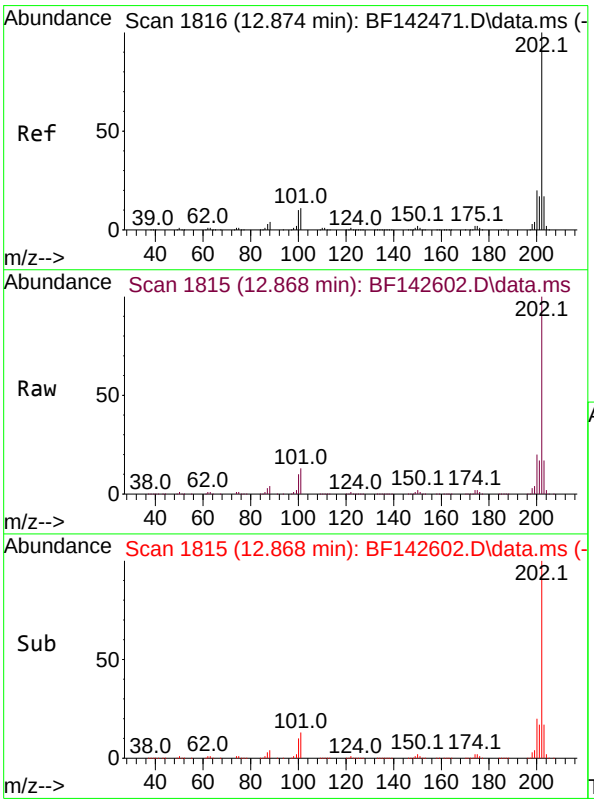
#77
Benzidine
Concen: 39.839 ng
RT: 12.762 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 302958

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.6	17.4
183	10.8	9.0	13.4

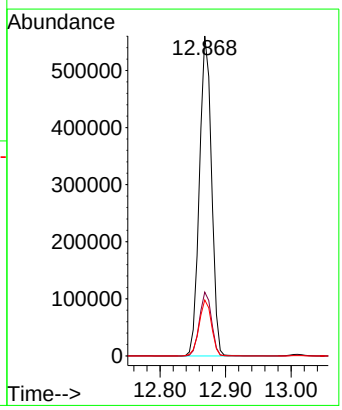


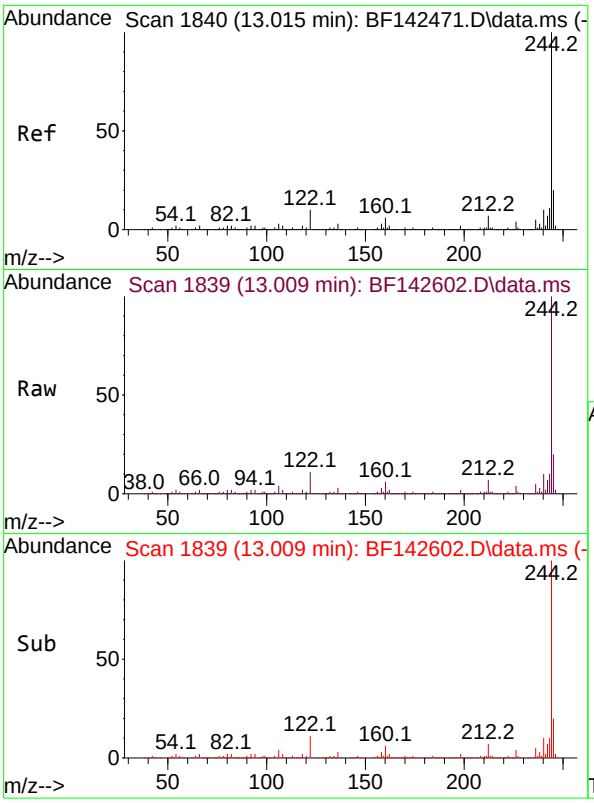


#78
Pyrene
Concen: 37.497 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:202 Resp: 714815

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.5	13.9	20.9



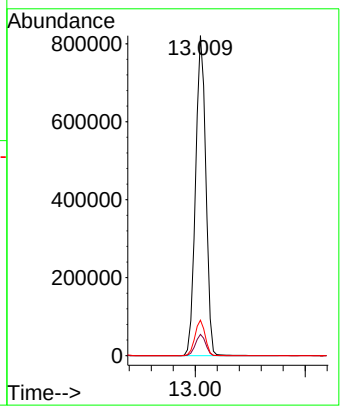


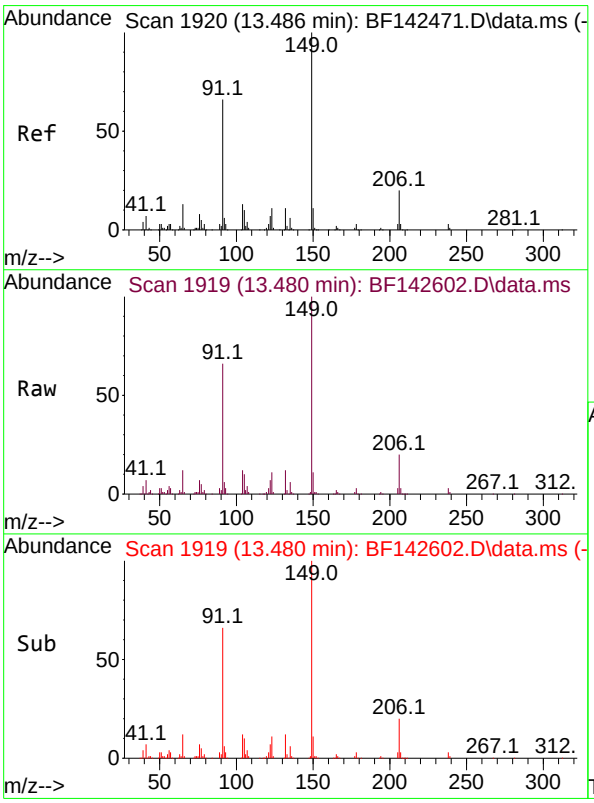
#79
Terphenyl-d14
Concen: 71.020 ng
RT: 13.009 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1062022

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.1	8.2	12.2

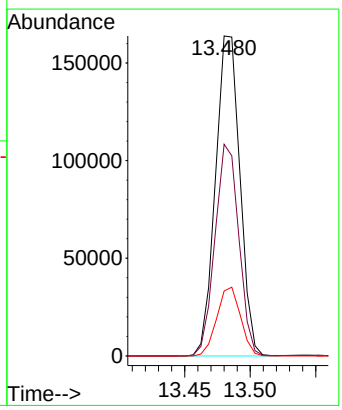


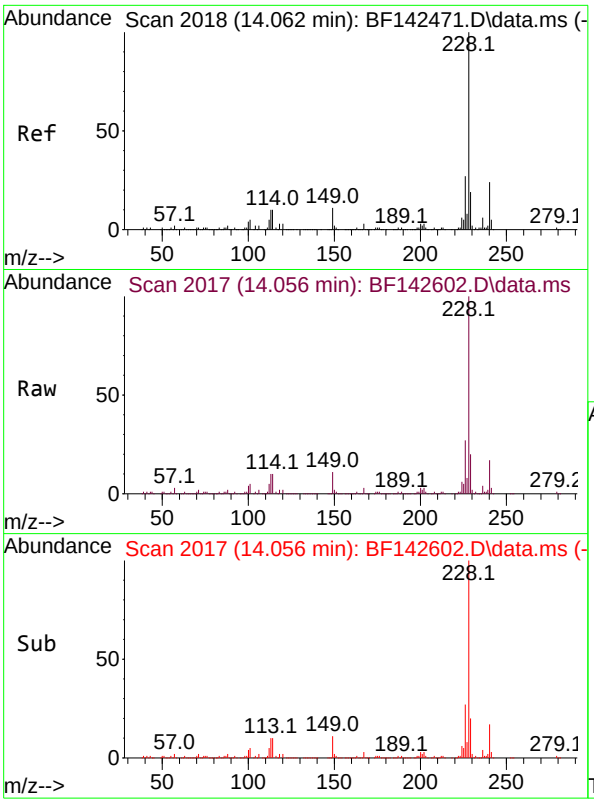


#80
Butylbenzylphthalate
Concen: 40.465 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 213147

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.9	79.3
206	20.3	16.2	24.2



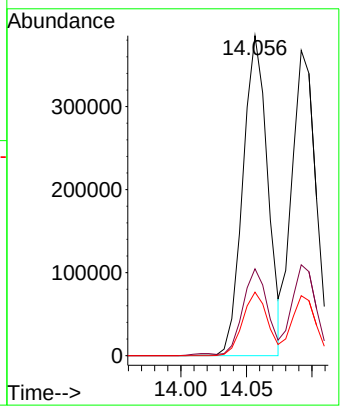


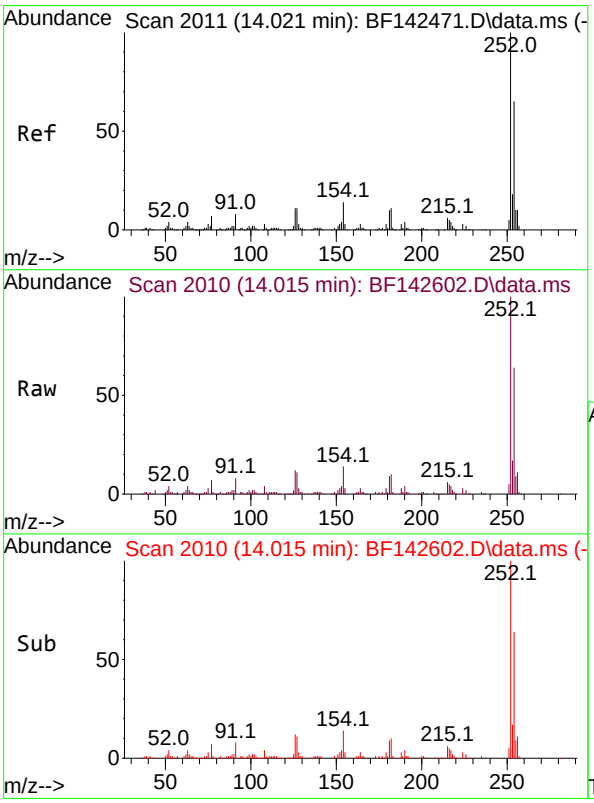
#81
Benzo(a)anthracene
Concen: 37.109 ng
RT: 14.056 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 506384

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	19.8	15.5	23.3

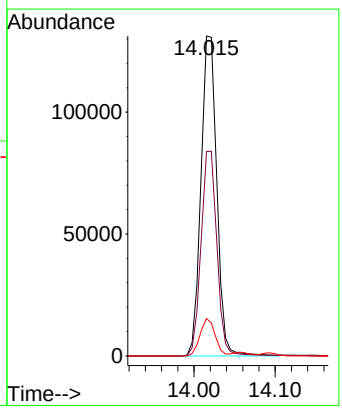


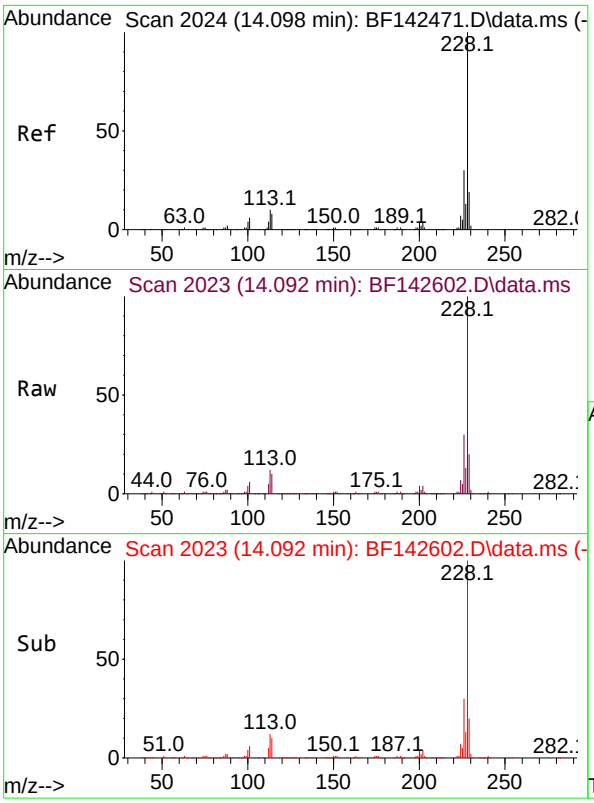


#82
3,3'-Dichlorobenzidine
Concen: 43.004 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:252 Resp: 177988

Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.0	78.0
126	11.7	8.9	13.3



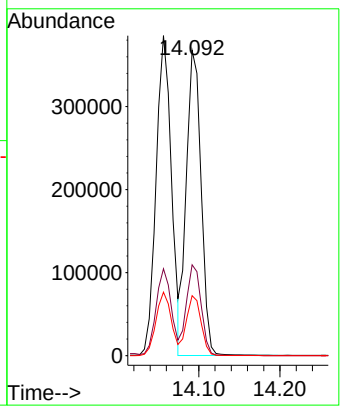


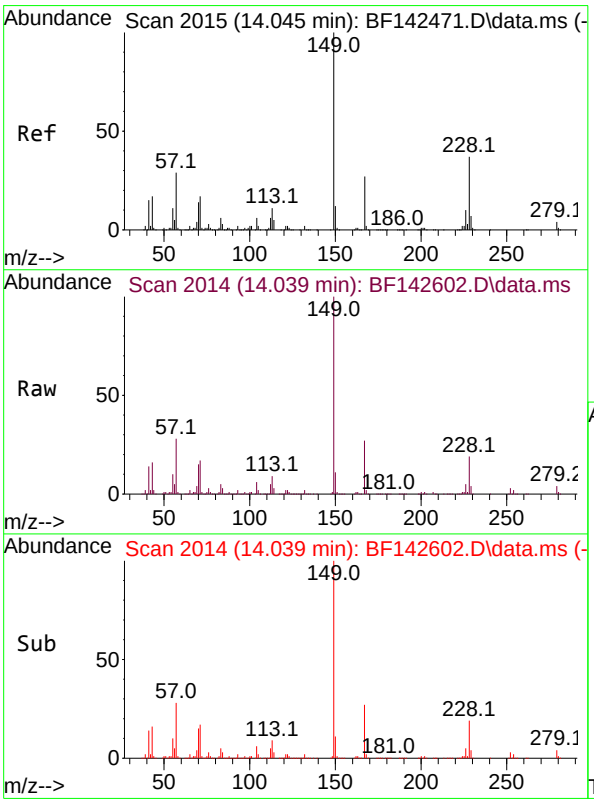
#83
Chrysene
Concen: 37.957 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 465406

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.6	15.4	23.2

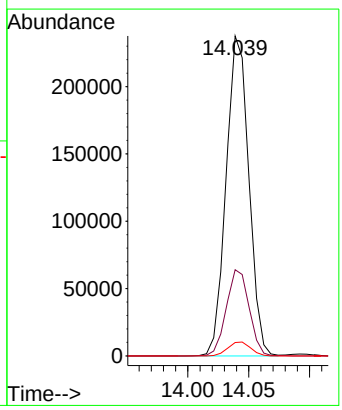


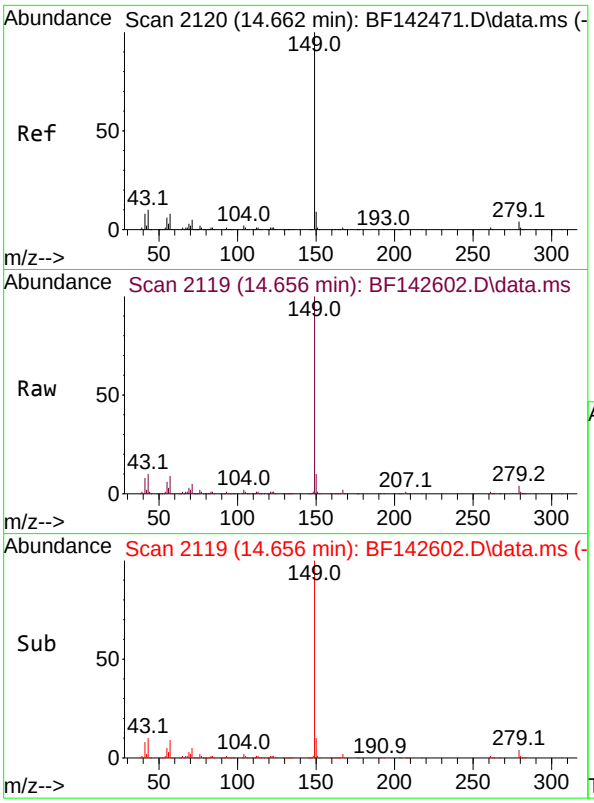


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.778 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 308685

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	4.2	3.2	4.8



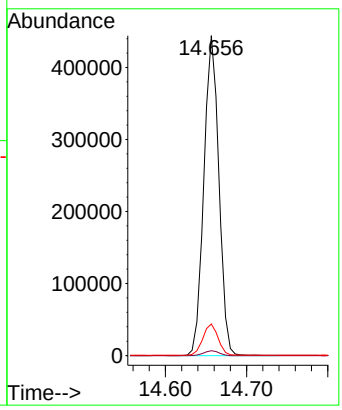


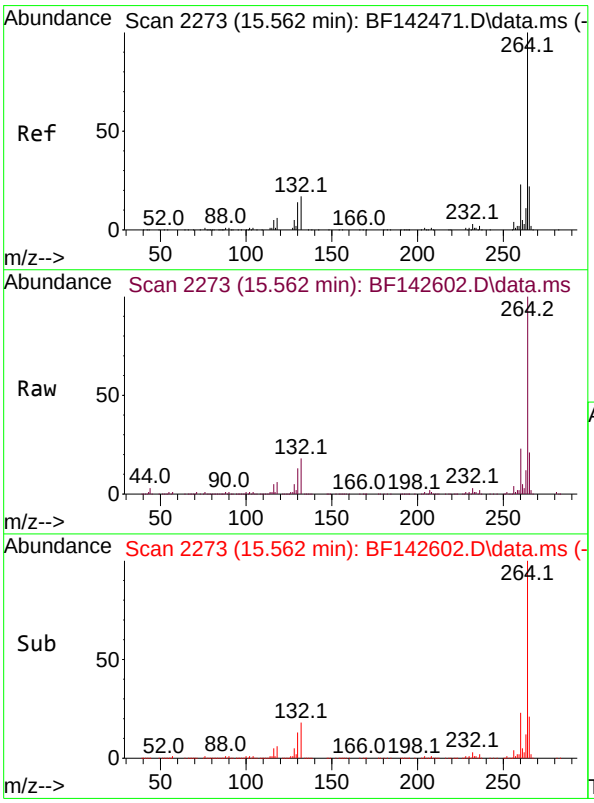
#85
Di-n-octyl phthalate
Concen: 43.428 ng
RT: 14.656 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 572594

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

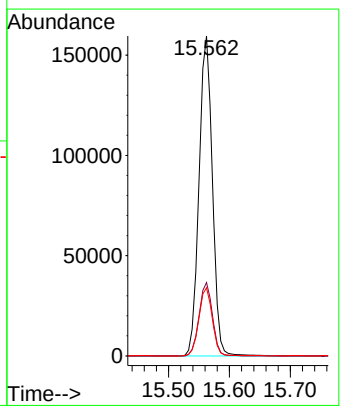


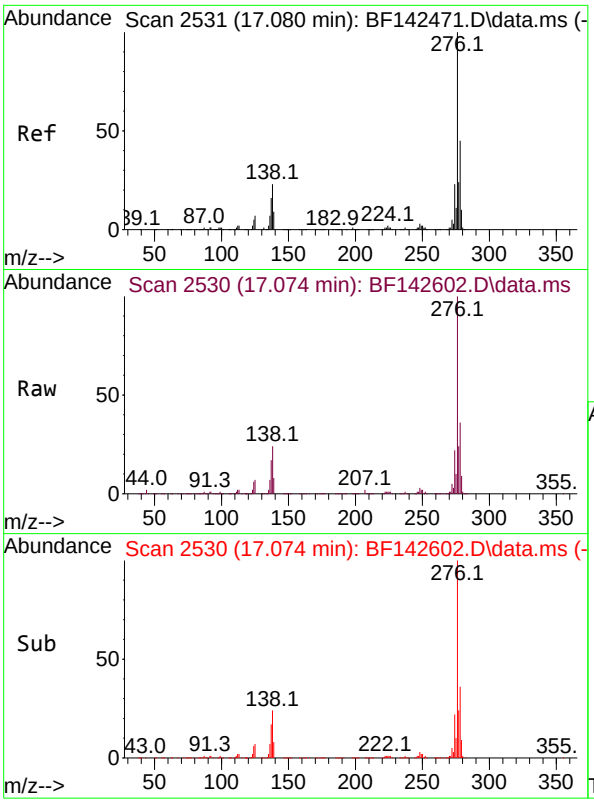


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:264 Resp: 242845

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.3	17.7	26.5



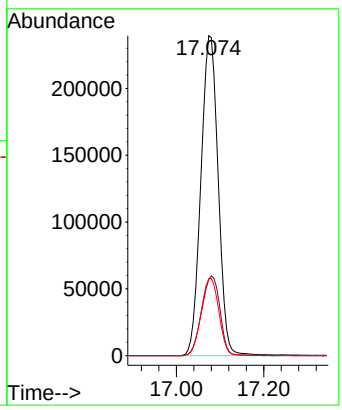


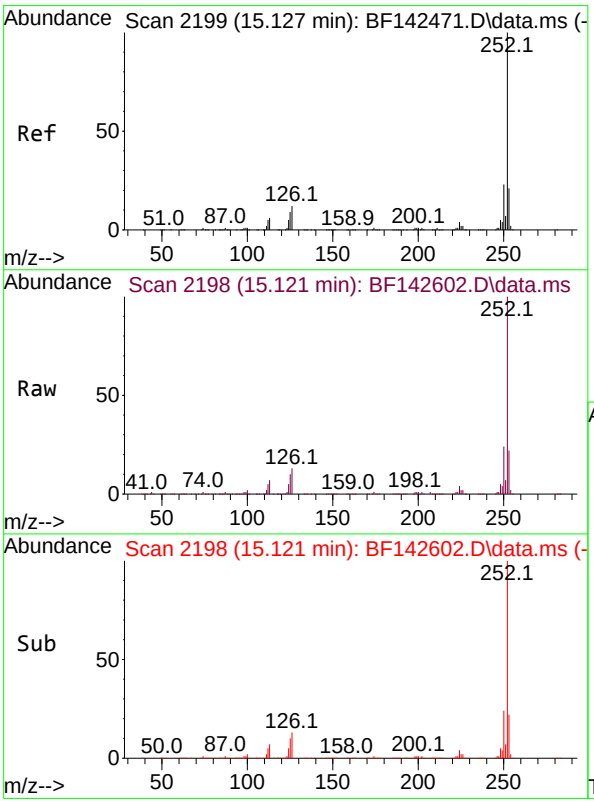
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.877 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 654088

Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.9	29.9
277	24.9	20.2	30.2

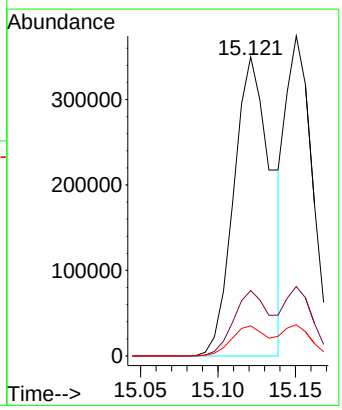


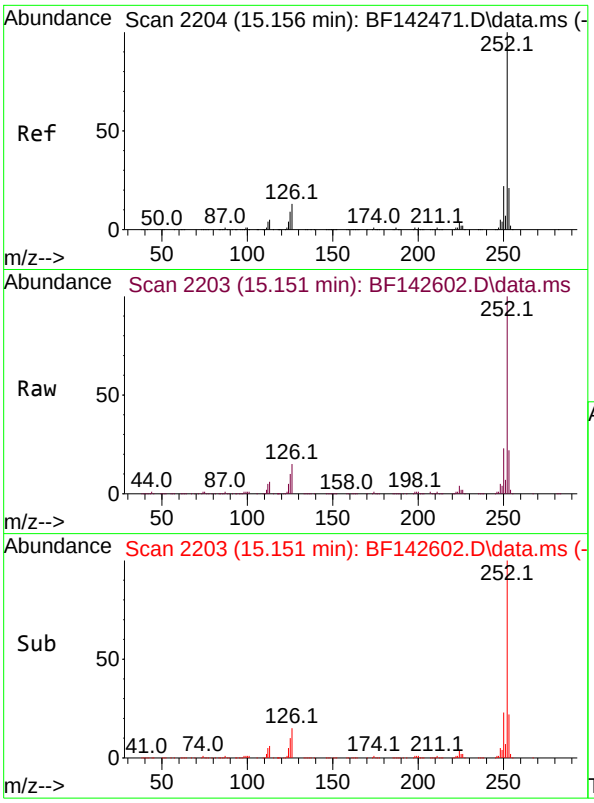


#88
Benzo(b)fluoranthene
Concen: 40.738 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:252 Resp: 585519

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.1	7.4	11.0



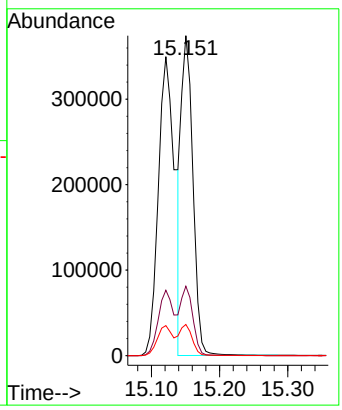


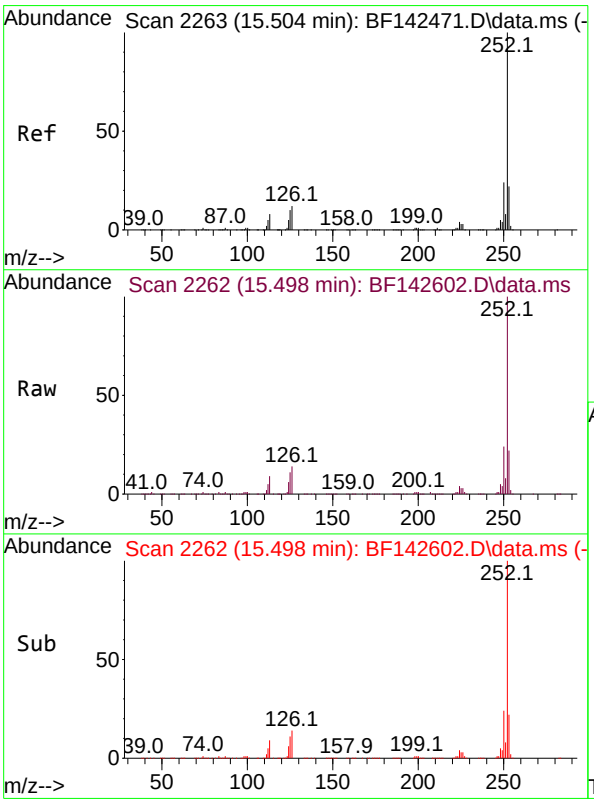
#89
Benzo(k)fluoranthene
Concen: 33.350 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 448939

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.8	7.3	10.9

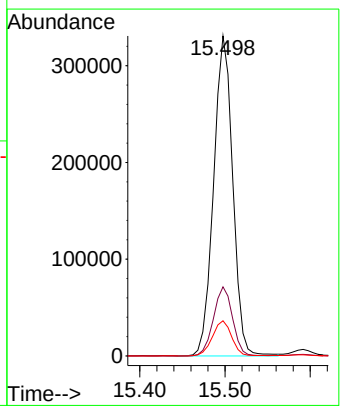


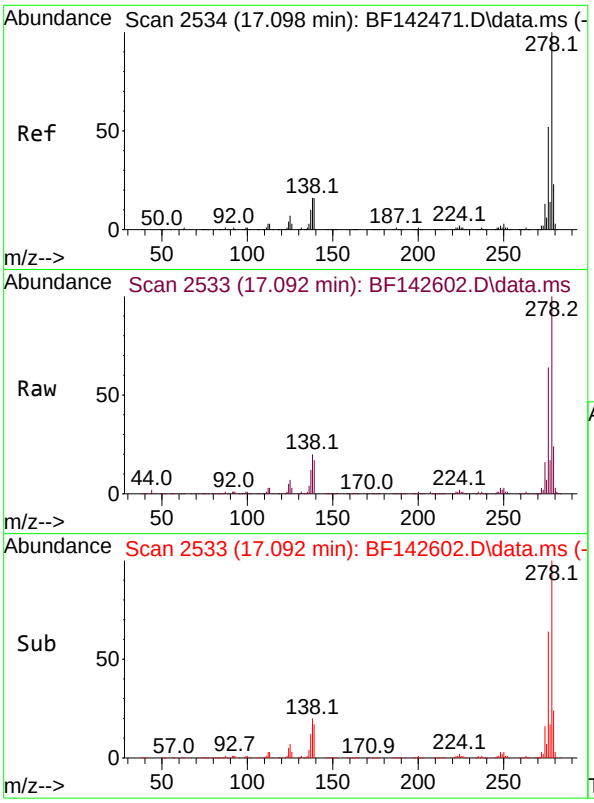


#90
Benzo(a)pyrene
Concen: 38.084 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:252 Resp: 515945

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.0	7.9	11.9



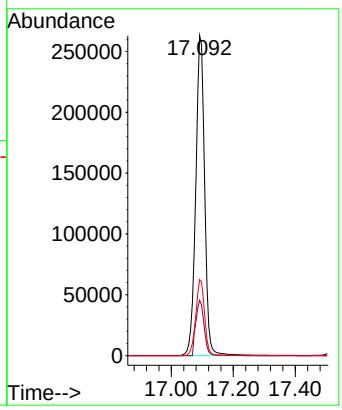


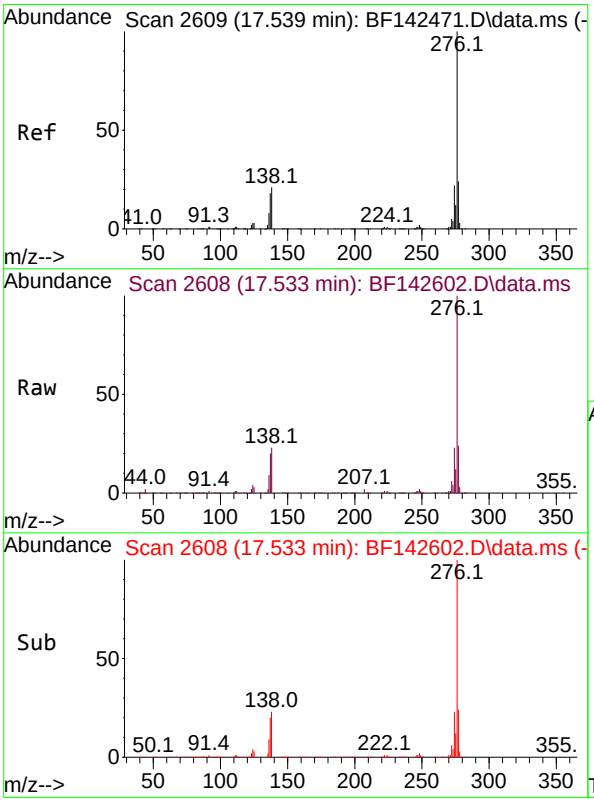
#91
Dibenzo(a,h)anthracene
Concen: 35.656 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 527220

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	23.7	18.6	28.0

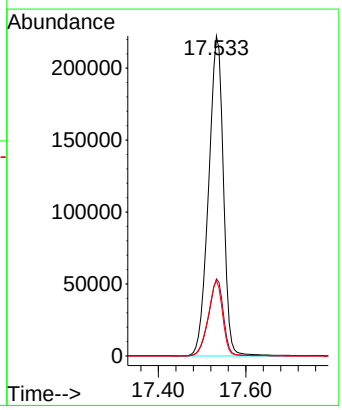




#92
Benzo(g,h,i)perylene
Concen: 35.281 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.024 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:276 Resp: 521791

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	23.5	16.8	25.2



Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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	122	0.00
2		1,4-Dioxane	0.475	0.476	-0.2	127	0.00
3		Pyridine	1.210	1.227	-1.4	128	0.00
4		n-Nitrosodimethylamine	0.628	0.605	3.7	119	-0.02
5	S	2-Fluorophenol	1.187	1.156	2.6	125	0.00
6		Aniline	1.921	1.867	2.8	123	-0.01
7	S	Phenol-d6	1.429	1.374	3.8	122	0.00
8		2-Chlorophenol	1.293	1.243	3.9	121	0.00
9		Benzaldehyde	0.859	0.791	7.9	118	0.00
10	C	Phenol	1.608	1.544	4.0	123	-0.01
11		bis(2-Chloroethyl)ether	1.157	1.116	3.5	123	-0.01
12		1,3-Dichlorobenzene	1.443	1.380	4.4	121	0.00
13	C	1,4-Dichlorobenzene	1.453	1.398	3.8	121	0.00
14		1,2-Dichlorobenzene	1.391	1.341	3.6	123	0.00
15		Benzyl Alcohol	1.056	0.986	6.6	118	0.00
16		2,2'-oxybis(1-Chloropropane	1.944	1.855	4.6	121	-0.01
17		2-Methylphenol	1.010	0.963	4.7	120	0.00
18		Hexachloroethane	0.507	0.474	6.5	118	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.792	10.6	114	-0.02
20		3+4-Methylphenols	1.293	1.188	8.1	116	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	120	0.00
22		Acetophenone	0.443	0.408	7.9	115	-0.01
23	S	Nitrobenzene-d5	0.367	0.346	5.7	117	-0.01
24		Nitrobenzene	0.331	0.315	4.8	118	-0.01
25		Isophorone	0.613	0.561	8.5	114	-0.02
26	C	2-Nitrophenol	0.177	0.169	4.5	116	0.00
27		2,4-Dimethylphenol	0.312	0.296	5.1	118	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.360	6.0	119	-0.01
29	C	2,4-Dichlorophenol	0.283	0.274	3.2	119	0.00
30		1,2,4-Trichlorobenzene	0.308	0.291	5.5	119	0.00
31		Naphthalene	0.985	0.937	4.9	120	0.00
32		Benzoic acid	0.190	0.174	8.4	111	-0.04
33		4-Chloroaniline	0.399	0.381	4.5	118	0.00
34	C	Hexachlorobutadiene	0.192	0.178	7.3	114	0.00
35		Caprolactam	0.080	0.075	6.3	116	-0.03
36	C	4-Chloro-3-methylphenol	0.291	0.269	7.6	115	-0.01
37		2-Methylnaphthalene	0.620	0.571	7.9	117	0.00
38		1-Methylnaphthalene	0.641	0.593	7.5	116	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	116	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.556	3.1	117	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.343	11.4	101	0.00
42	S	2,4,6-Tribromophenol	0.222	0.201	9.5	110	-0.01
43	C	2,4,6-Trichlorophenol	0.387	0.373	3.6	116	0.00
44		2,4,5-Trichlorophenol	0.408	0.387	5.1	113	0.00
45	S	2-Fluorobiphenyl	1.490	1.357	8.9	113	-0.01
46		1,1'-Biphenyl	1.552	1.460	5.9	114	-0.01
47		2-Chloronaphthalene	1.146	1.090	4.9	115	0.00

Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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	0.319	3.6	114	0.00
49		Acenaphthylene	1.936	1.834	5.3	115	-0.01
50		Dimethylphthalate	1.320	1.228	7.0	113	-0.01
51		2,6-Dinitrotoluene	0.285	0.272	4.6	112	0.00
52	C	Acenaphthene	1.182	1.107	6.3	114	0.00
53		3-Nitroaniline	0.311	0.305	1.9	118	0.00
54	P	2,4-Dinitrophenol	0.147	0.132	10.2	103	-0.01
55		Dibenzofuran	1.701	1.600	5.9	115	0.00
56	P	4-Nitrophenol	0.230	0.211	8.3	108	0.00
57		2,4-Dinitrotoluene	0.372	0.358	3.8	114	-0.01
58		Fluorene	1.314	1.236	5.9	116	-0.01
59		2,3,4,6-Tetrachlorophenol	0.341	0.321	5.9	112	0.00
60		Diethylphthalate	1.289	1.171	9.2	110	-0.01
61		4-Chlorophenyl-phenylether	0.646	0.593	8.2	113	0.00
62		4-Nitroaniline	0.282	0.275	2.5	115	-0.01
63		Azobenzene	1.158	1.080	6.7	113	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	115	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.111	0.9	110	0.00
66	c	n-Nitrosodiphenylamine	0.684	0.648	5.3	115	0.00
67		4-Bromophenyl-phenylether	0.236	0.221	6.4	114	0.00
68		Hexachlorobenzene	0.262	0.247	5.7	113	-0.01
69		Atrazine	0.182	0.171	6.0	110	0.00
70	C	Pentachlorophenol	0.148	0.133	10.1	104	0.00
71		Phenanthrene	1.069	1.000	6.5	114	0.00
72		Anthracene	1.091	1.035	5.1	115	0.00
73		Carbazole	0.933	0.886	5.0	114	0.00
74		Di-n-butylphthalate	1.021	0.914	10.5	108	0.00
75	C	Fluoranthene	0.999	0.923	7.6	113	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	121	0.00
77		Benzidine	0.744	0.741	0.4	112	0.00
78		Pyrene	1.866	1.749	6.3	114	0.00
79	S	Terphenyl-d14	1.464	1.299	11.3	110	0.00
80		Butylbenzylphthalate	0.516	0.522	-1.2	120	-0.01
81		Benzo(a)anthracene	1.336	1.239	7.3	117	0.00
82		3,3'-Dichlorobenzidine	0.405	0.435	-7.4	130	-0.01
83		Chrysene	1.200	1.139	5.1	120	-0.01
84		Bis(2-ethylhexyl)phthalate	0.660	0.755	-14.4	136	-0.01
85	c	Di-n-octyl phthalate	1.290	1.401	-8.6	134	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	128	0.00
87		Indeno(1,2,3-cd)pyrene	1.501	1.347	10.3	119	-0.02
88		Benzo(b)fluoranthene	1.184	1.206	-1.9	137	0.00
89		Benzo(k)fluoranthene	1.109	0.924	16.7	114	-0.01
90	C	Benzo(a)pyrene	1.116	1.062	4.8	126	-0.01
91		Dibenzo(a,h)anthracene	1.218	1.086	10.8	118	-0.02
92		Benzo(g,h,i)perylene	1.218	1.074	11.8	117	-0.02

Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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

Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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	122	0.00
2		1,4-Dioxane	40.000	40.111	-0.3	127	0.00
3		Pyridine	40.000	40.579	-1.4	128	0.00
4		n-Nitrosodimethylamine	40.000	38.529	3.7	119	-0.02
5	S	2-Fluorophenol	80.000	77.920	2.6	125	0.00
6		Aniline	40.000	38.873	2.8	123	-0.01
7	S	Phenol-d6	80.000	76.919	3.9	122	0.00
8		2-Chlorophenol	40.000	38.443	3.9	121	0.00
9		Benzaldehyde	40.000	36.810	8.0	118	0.00
10	C	Phenol	40.000	38.421	3.9	123	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.564	3.6	123	-0.01
12		1,3-Dichlorobenzene	40.000	38.250	4.4	121	0.00
13	C	1,4-Dichlorobenzene	40.000	38.473	3.8	121	0.00
14		1,2-Dichlorobenzene	40.000	38.562	3.6	123	0.00
15		Benzyl Alcohol	40.000	37.347	6.6	118	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.182	4.5	121	-0.01
17		2-Methylphenol	40.000	38.162	4.6	120	0.00
18		Hexachloroethane	40.000	37.342	6.6	118	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.763	10.6	114	-0.02
20		3+4-Methylphenols	40.000	36.765	8.1	116	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	120	0.00
22		Acetophenone	40.000	36.855	7.9	115	-0.01
23	S	Nitrobenzene-d5	80.000	75.509	5.6	117	-0.01
24		Nitrobenzene	40.000	38.084	4.8	118	-0.01
25		Isophorone	40.000	36.592	8.5	114	-0.02
26	C	2-Nitrophenol	40.000	38.258	4.4	116	0.00
27		2,4-Dimethylphenol	40.000	38.021	4.9	118	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.634	5.9	119	-0.01
29	C	2,4-Dichlorophenol	40.000	38.617	3.5	119	0.00
30		1,2,4-Trichlorobenzene	40.000	37.834	5.4	119	0.00
31		Naphthalene	40.000	38.068	4.8	120	0.00
32		Benzoic acid	40.000	36.701	8.2	111	-0.04
33		4-Chloroaniline	40.000	38.203	4.5	118	0.00
34	C	Hexachlorobutadiene	40.000	37.001	7.5	114	0.00
35		Caprolactam	40.000	37.857	5.4	116	-0.03
36	C	4-Chloro-3-methylphenol	40.000	37.069	7.3	115	-0.01
37		2-Methylnaphthalene	40.000	36.895	7.8	117	0.00
38		1-Methylnaphthalene	40.000	37.004	7.5	116	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	116	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.772	3.1	117	0.00
41	P	Hexachlorocyclopentadiene	40.000	35.390	11.5	101	0.00
42	S	2,4,6-Tribromophenol	80.000	72.512	9.4	110	-0.01
43	C	2,4,6-Trichlorophenol	40.000	38.561	3.6	116	0.00
44		2,4,5-Trichlorophenol	40.000	37.877	5.3	113	0.00
45	S	2-Fluorobiphenyl	80.000	72.816	9.0	113	-0.01
46		1,1'-Biphenyl	40.000	37.645	5.9	114	-0.01
47		2-Chloronaphthalene	40.000	38.018	5.0	115	0.00

Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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	38.514	3.7	114	0.00
49		Acenaphthylene	40.000	37.900	5.3	115	-0.01
50		Dimethylphthalate	40.000	37.234	6.9	113	-0.01
51		2,6-Dinitrotoluene	40.000	38.201	4.5	112	0.00
52	C	Acenaphthene	40.000	37.466	6.3	114	0.00
53		3-Nitroaniline	40.000	39.191	2.0	118	0.00
54	P	2,4-Dinitrophenol	40.000	35.898	10.3	103	-0.01
55		Dibenzofuran	40.000	37.618	6.0	115	0.00
56	P	4-Nitrophenol	40.000	36.821	7.9	108	0.00
57		2,4-Dinitrotoluene	40.000	38.449	3.9	114	-0.01
58		Fluorene	40.000	37.608	6.0	116	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	37.704	5.7	112	0.00
60		Diethylphthalate	40.000	36.339	9.2	110	-0.01
61		4-Chlorophenyl-phenylether	40.000	36.750	8.1	113	0.00
62		4-Nitroaniline	40.000	39.013	2.5	115	-0.01
63		Azobenzene	40.000	37.331	6.7	113	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	115	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.612	1.0	110	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.861	5.3	115	0.00
67		4-Bromophenyl-phenylether	40.000	37.439	6.4	114	0.00
68		Hexachlorobenzene	40.000	37.721	5.7	113	-0.01
69		Atrazine	40.000	37.559	6.1	110	0.00
70	C	Pentachlorophenol	40.000	36.033	9.9	104	0.00
71		Phenanthrene	40.000	37.435	6.4	114	0.00
72		Anthracene	40.000	37.956	5.1	115	0.00
73		Carbazole	40.000	38.010	5.0	114	0.00
74		Di-n-butylphthalate	40.000	35.822	10.4	108	0.00
75	C	Fluoranthene	40.000	36.958	7.6	113	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	121	0.00
77		Benzidine	40.000	39.839	0.4	112	0.00
78		Pyrene	40.000	37.497	6.3	114	0.00
79	S	Terphenyl-d14	80.000	71.020	11.2	110	0.00
80		Butylbenzylphthalate	40.000	40.465	-1.2	120	-0.01
81		Benzo(a)anthracene	40.000	37.109	7.2	117	0.00
82		3,3'-Dichlorobenzidine	40.000	43.004	-7.5	130	-0.01
83		Chrysene	40.000	37.957	5.1	120	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.778	-14.4	136	-0.01
85	c	Di-n-octyl phthalate	40.000	43.428	-8.6	134	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	128	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	35.877	10.3	119	-0.02
88		Benzo(b)fluoranthene	40.000	40.738	-1.8	137	0.00
89		Benzo(k)fluoranthene	40.000	33.350	16.6	114	-0.01
90	C	Benzo(a)pyrene	40.000	38.084	4.8	126	-0.01
91		Dibenzo(a,h)anthracene	40.000	35.656	10.9	118	-0.02
92		Benzo(g,h,i)perylene	40.000	35.281	11.8	117	-0.02

Sample Results: **BF142602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 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: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

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	
Naphthalene	0.989	0.976		-1.3	
2-Methylnaphthalene	0.626	0.619		-1.1	
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.

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

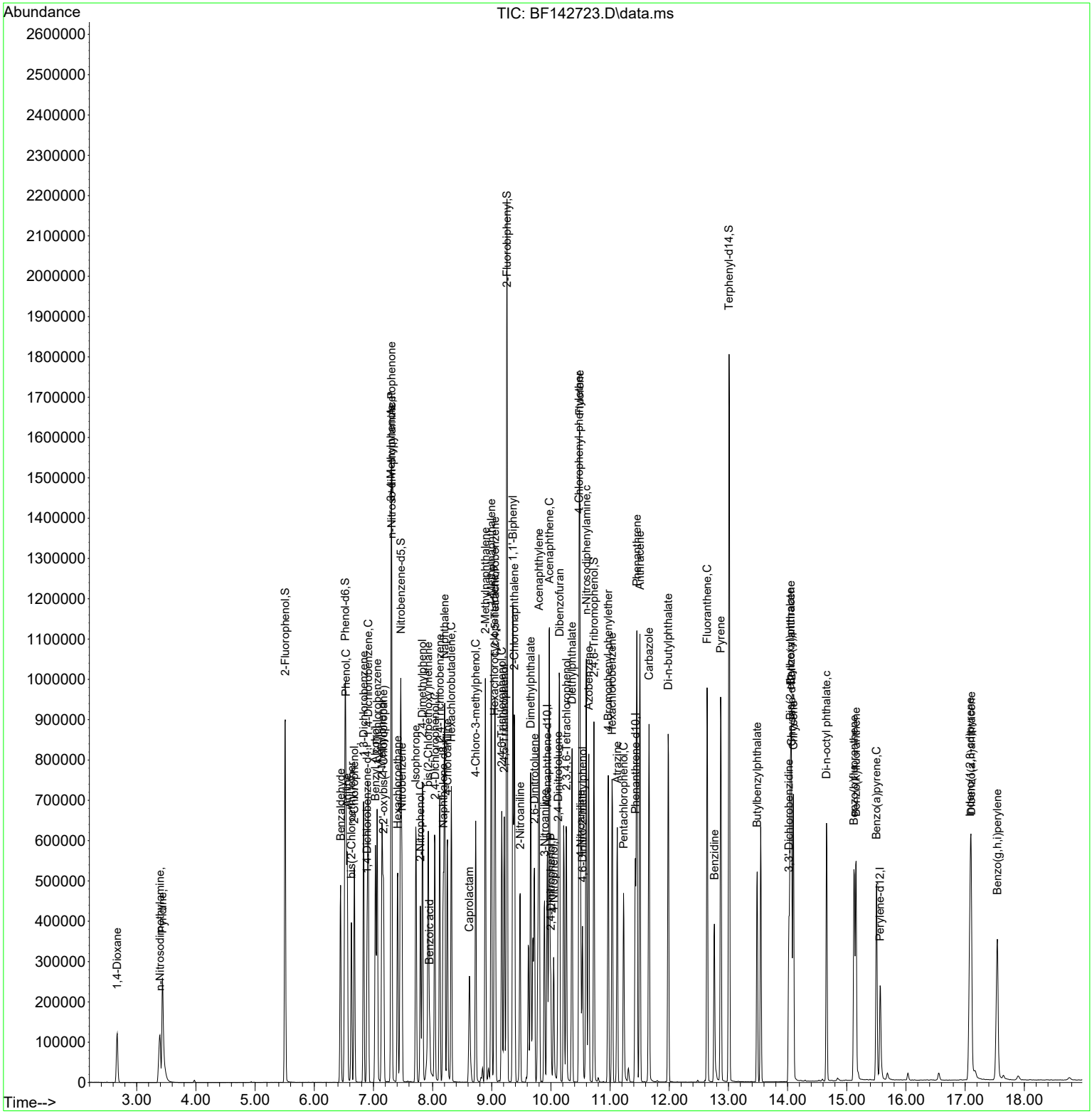
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	135988	39.033	ng		99
46) 1,1'-Biphenyl	9.357	154	522058	39.049	ng		100
47) 2-Chloronaphthalene	9.380	162	390352	39.632	ng		100
48) 2-Nitroaniline	9.480	65	112135	40.029	ng		96
49) Acenaphthylene	9.798	152	651104	39.206	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

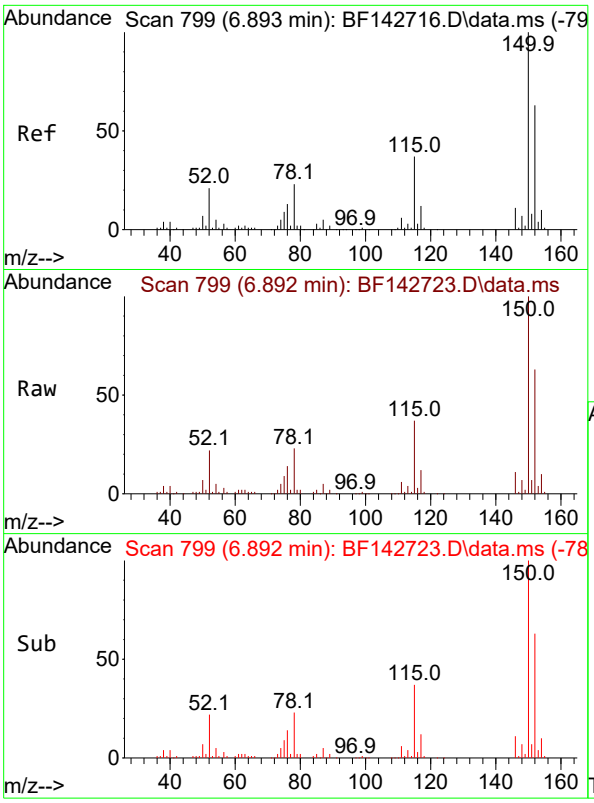
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



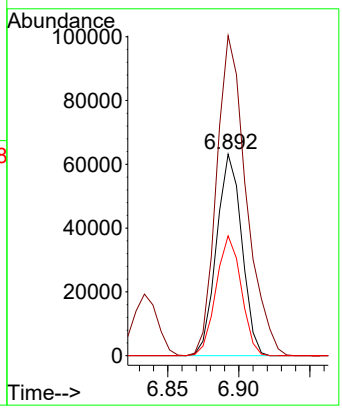


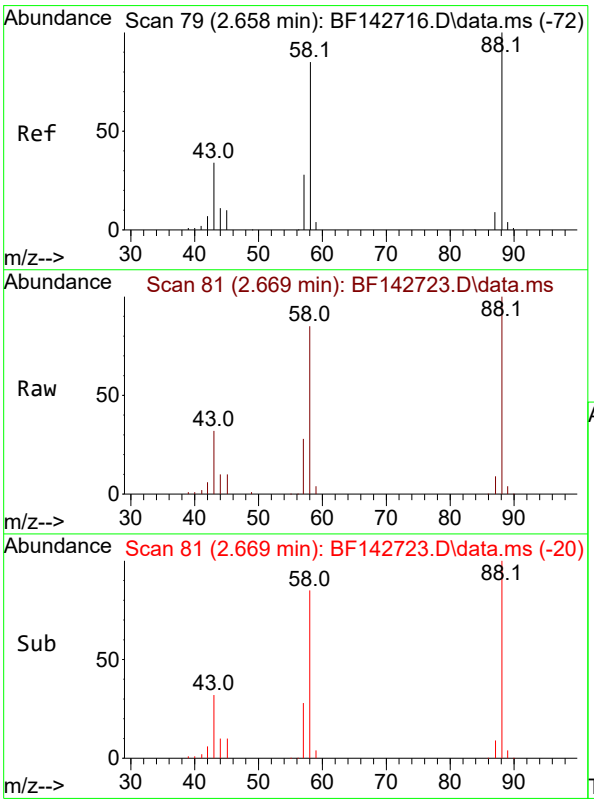
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

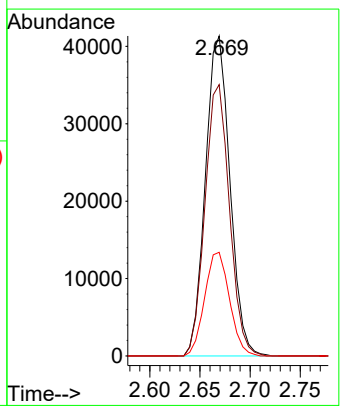


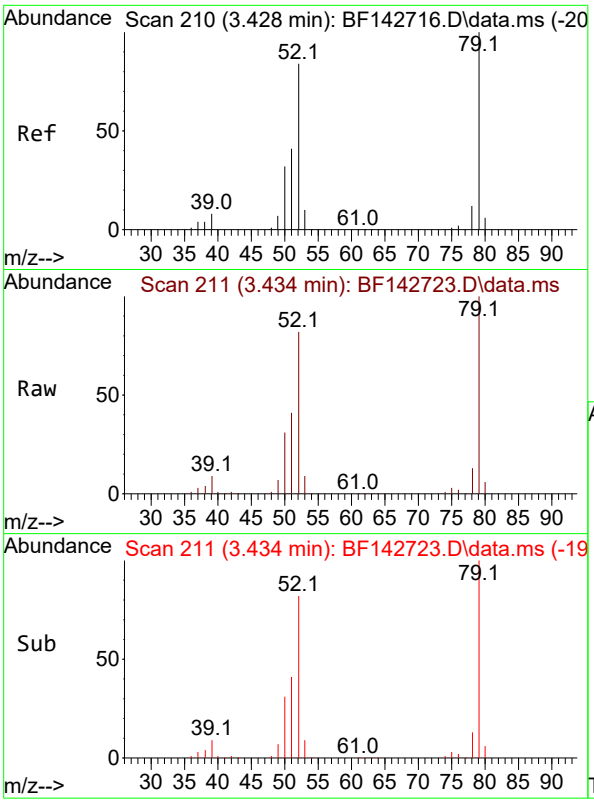


#2
1,4-Dioxane
Concen: 38.713 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



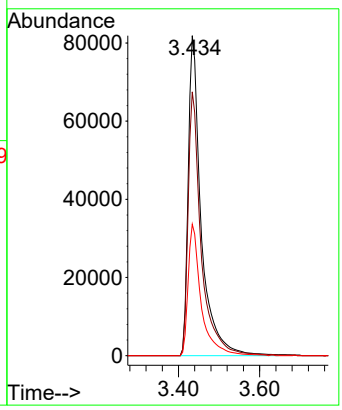


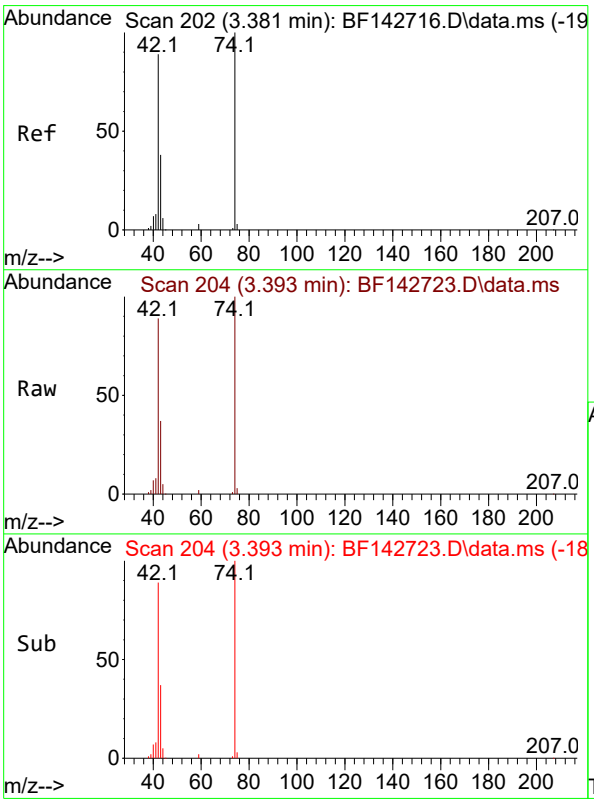
#3
Pyridine
Concen: 39.912 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

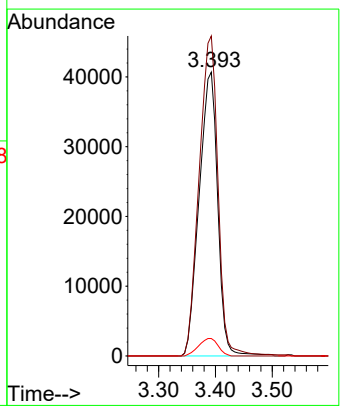


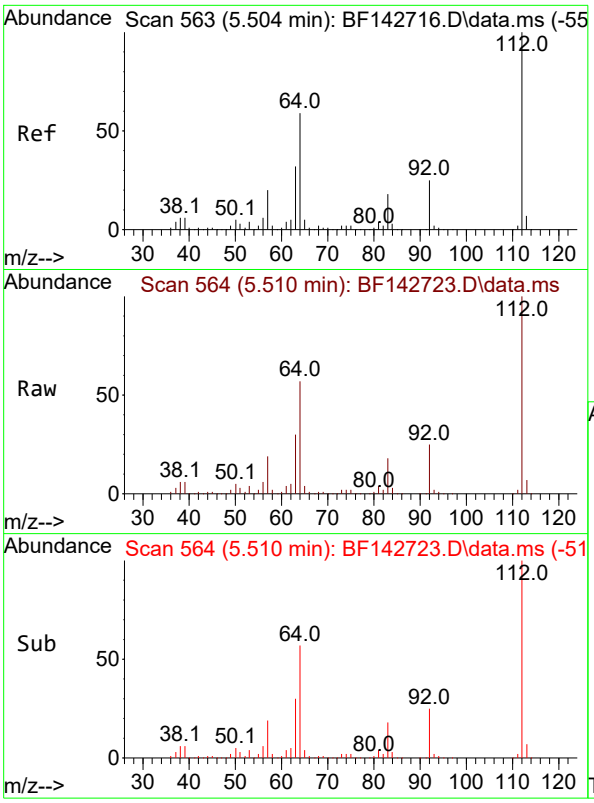


#4
n-Nitrosodimethylamine
Concen: 39.551 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



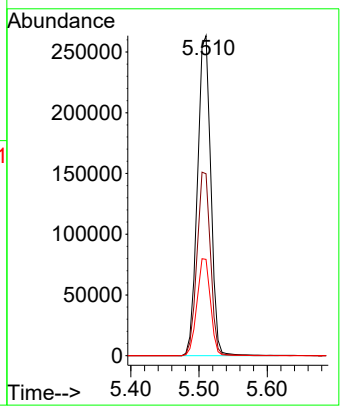


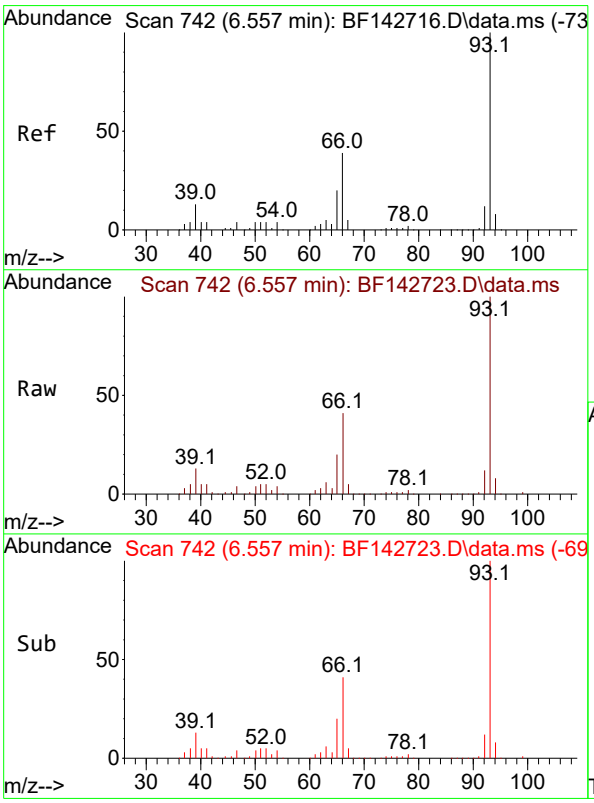
#5
2-Fluorophenol
Concen: 77.718 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

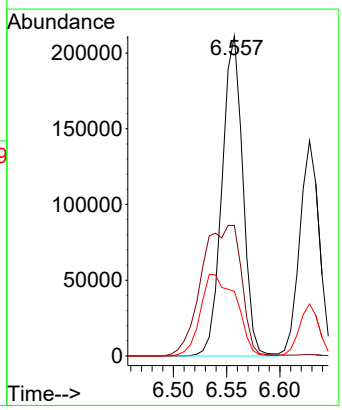


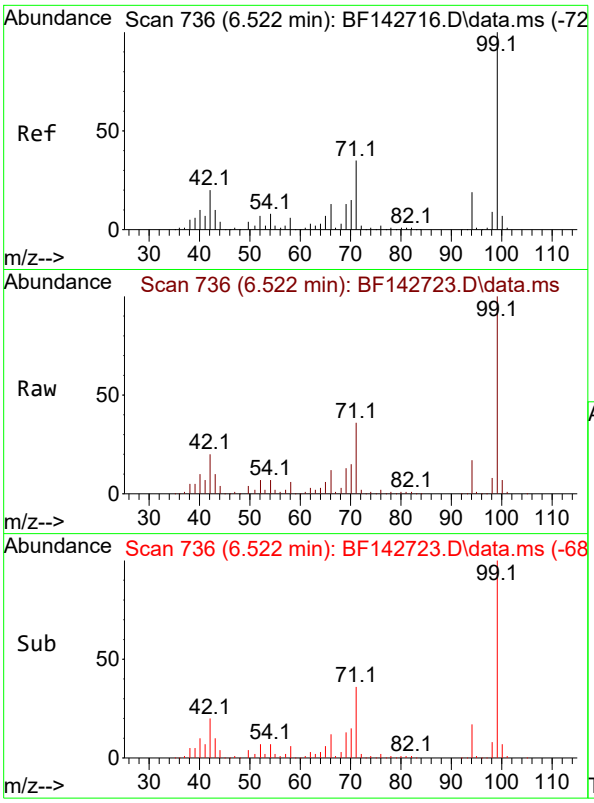


#6
Aniline
Concen: 39.637 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



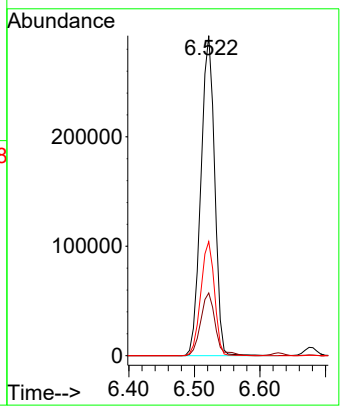


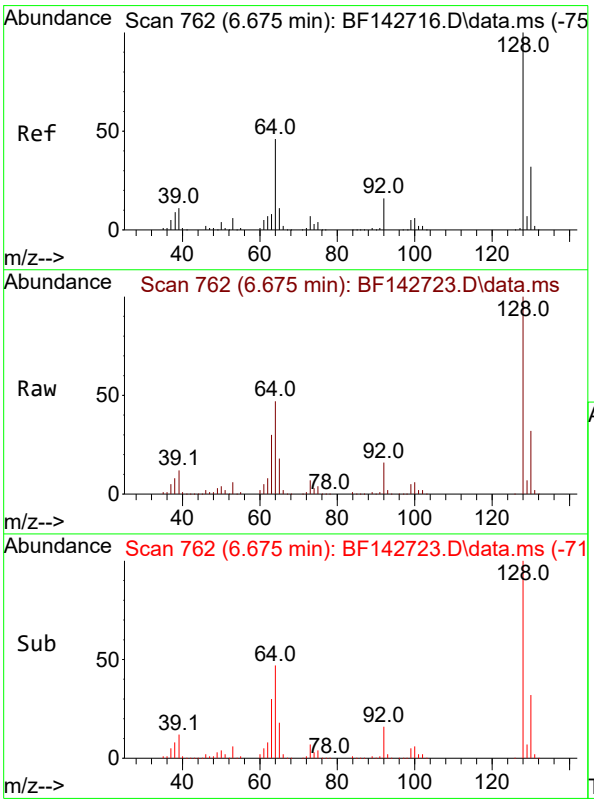
#7
Phenol-d6
Concen: 79.151 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

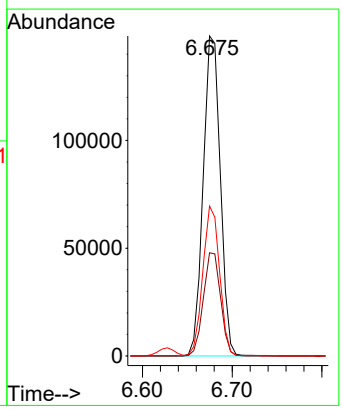


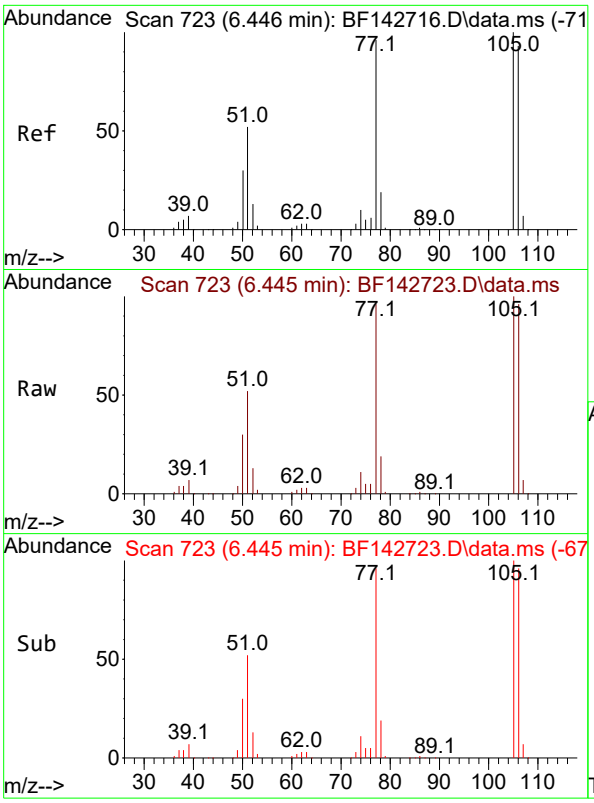


#8
2-Chlorophenol
Concen: 39.234 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



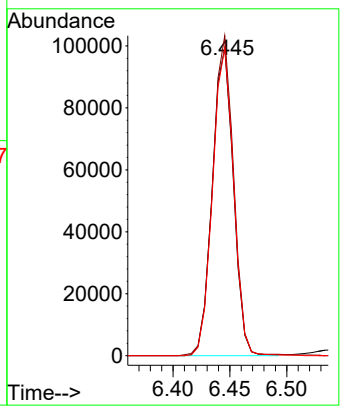


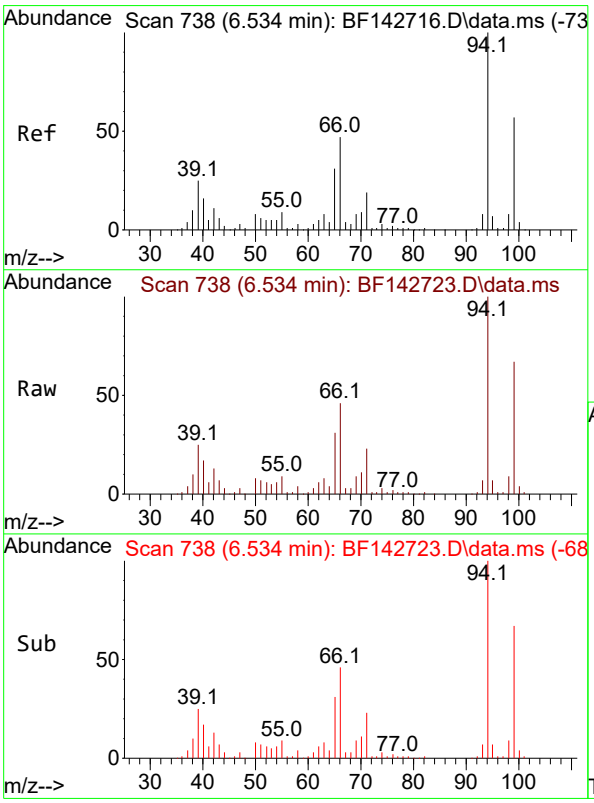
#9
Benzaldehyde
Concen: 38.249 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

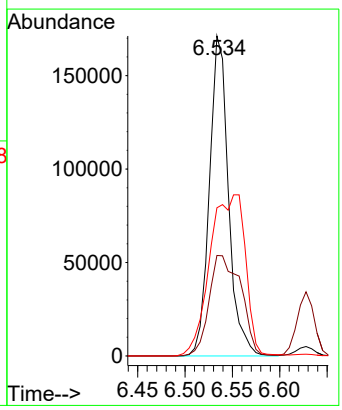


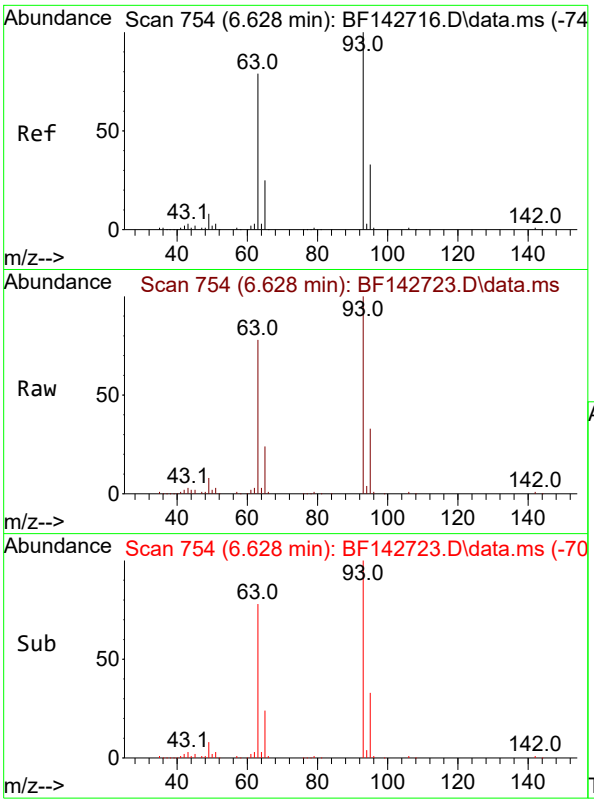


#10
Phenol
Concen: 39.780 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



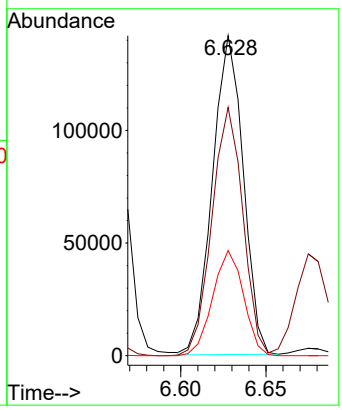


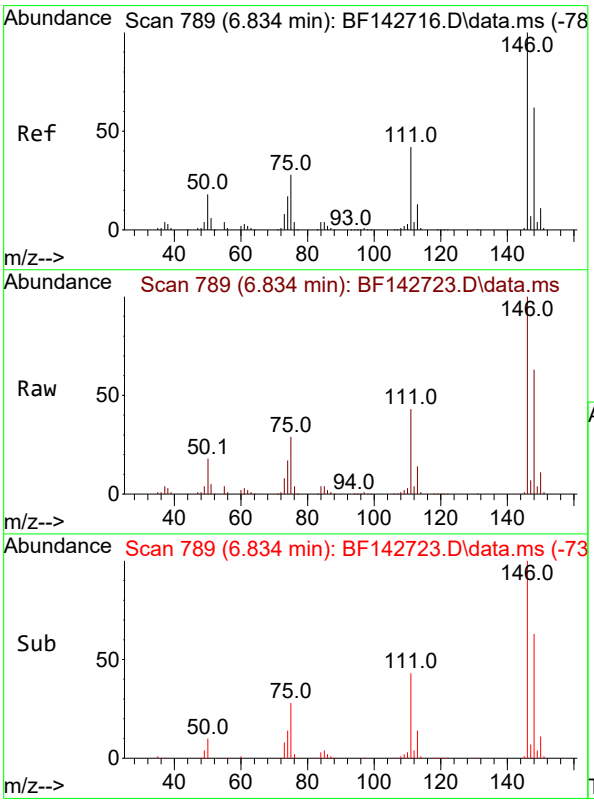
#11
bis(2-Chloroethyl)ether
Concen: 39.588 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

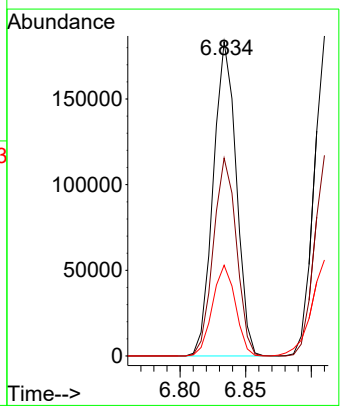


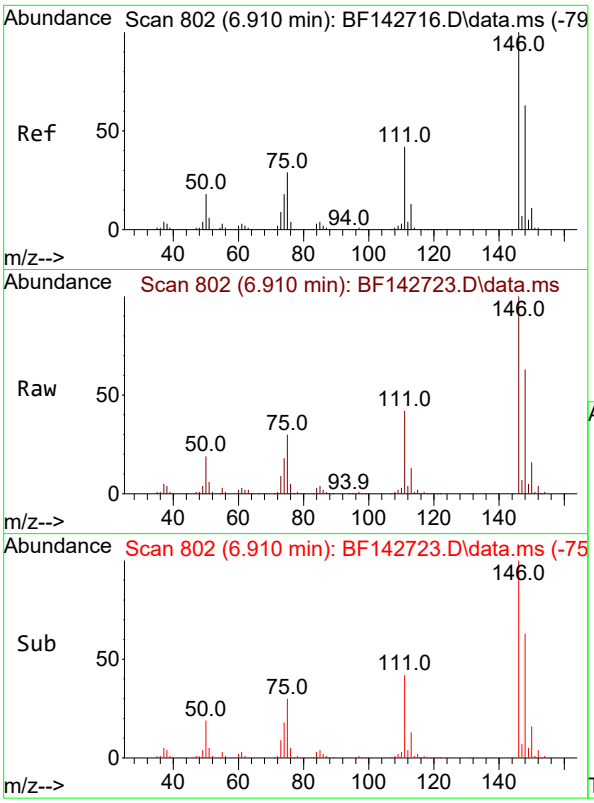


#12
1,3-Dichlorobenzene
Concen: 39.044 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



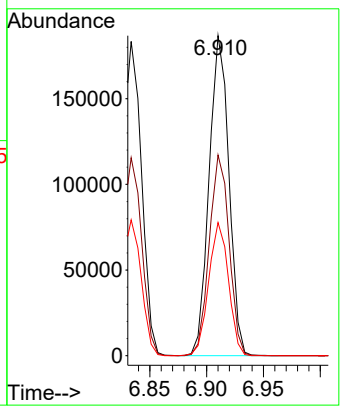


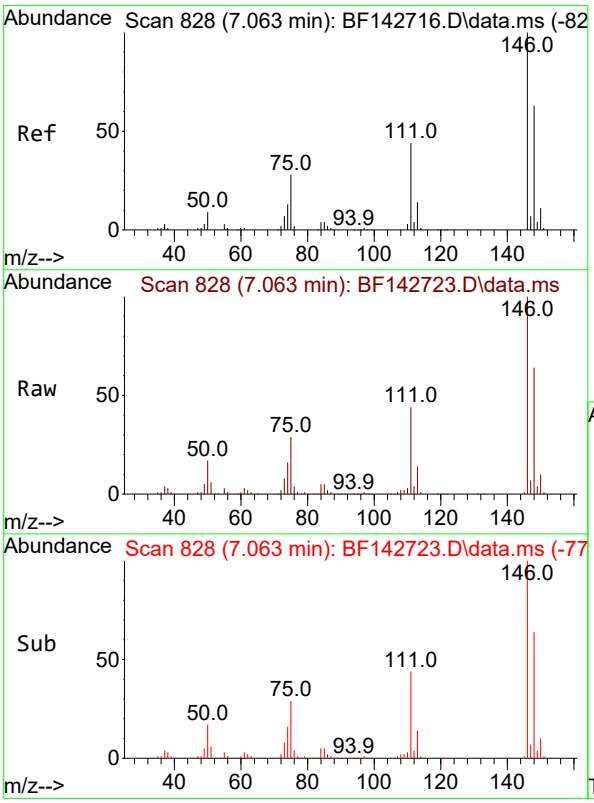
#13
1,4-Dichlorobenzene
Concen: 39.202 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

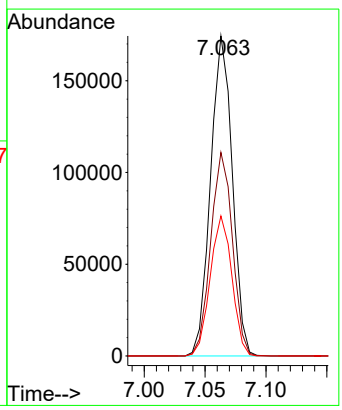


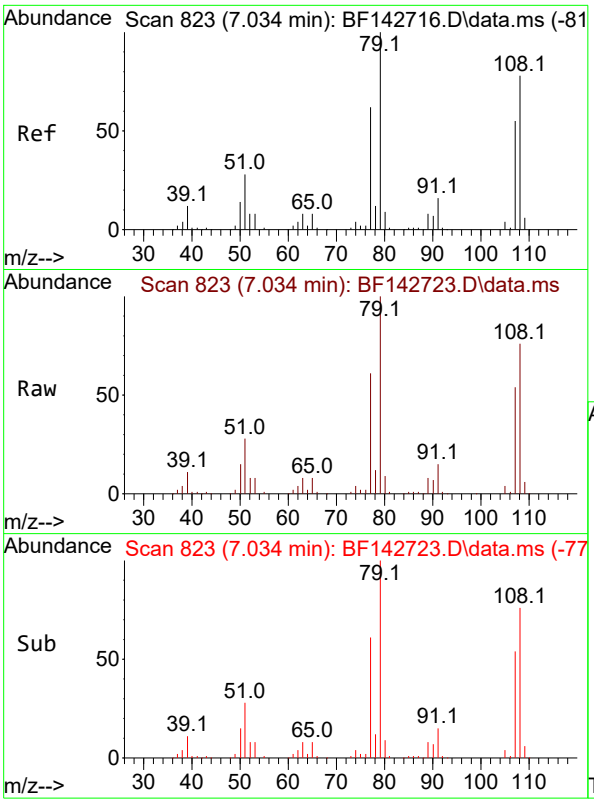


#14
1,2-Dichlorobenzene
Concen: 39.017 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



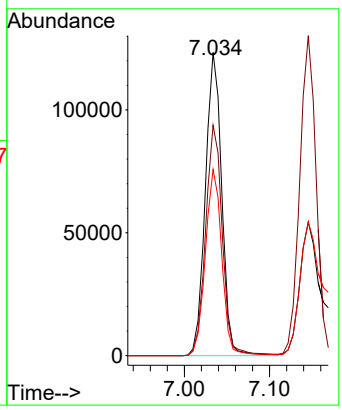


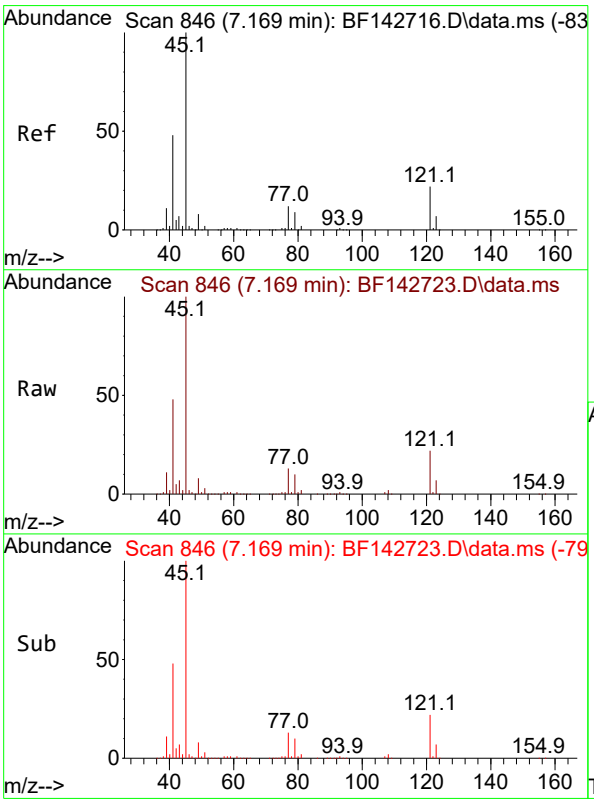
#15
Benzyl Alcohol
Concen: 40.433 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

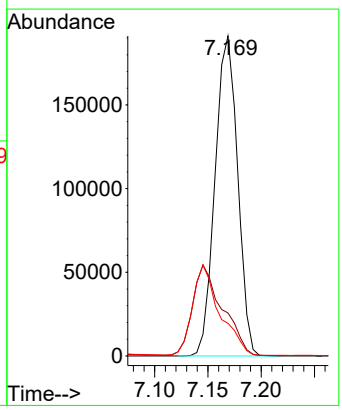


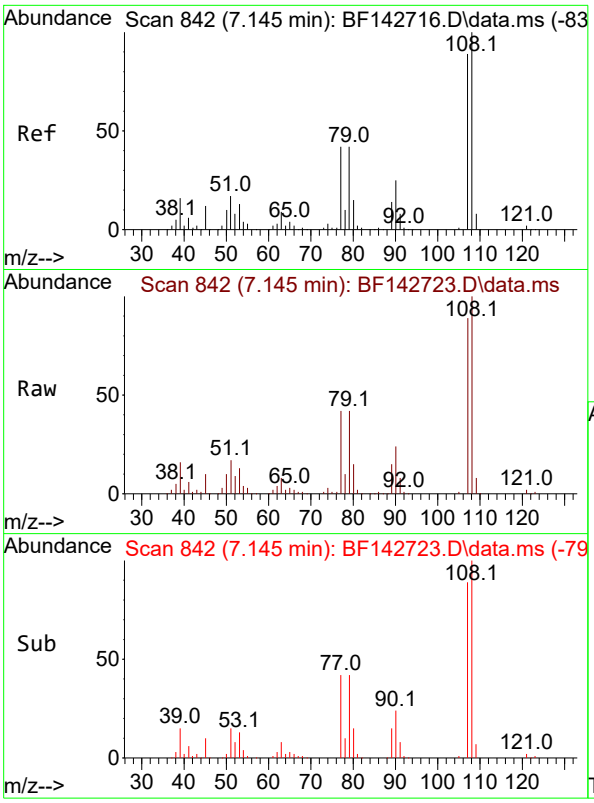


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



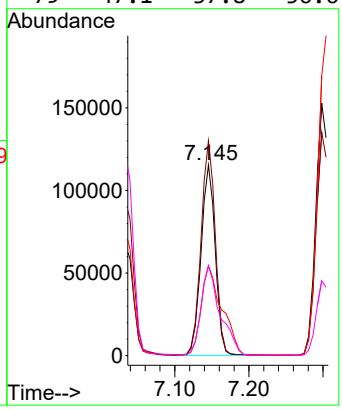


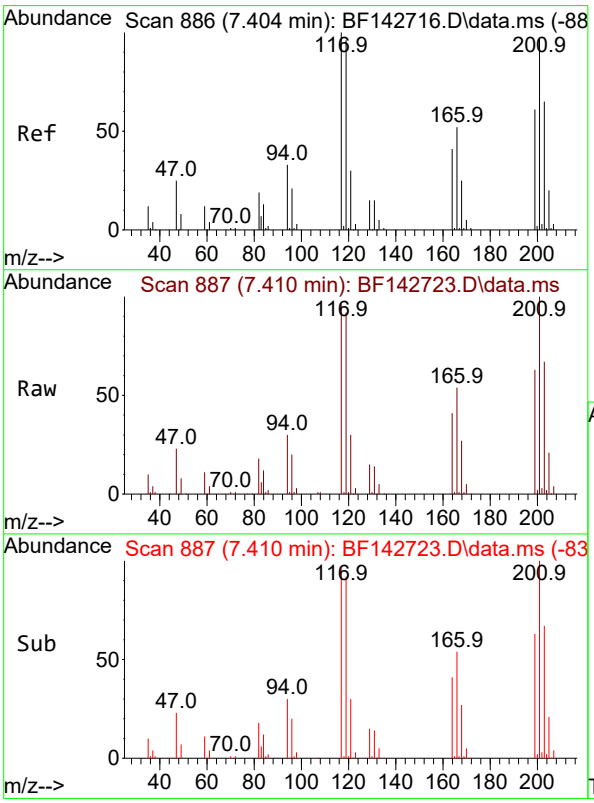
#17
2-Methylphenol
Concen: 40.048 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

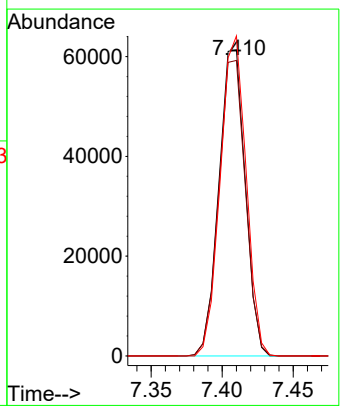


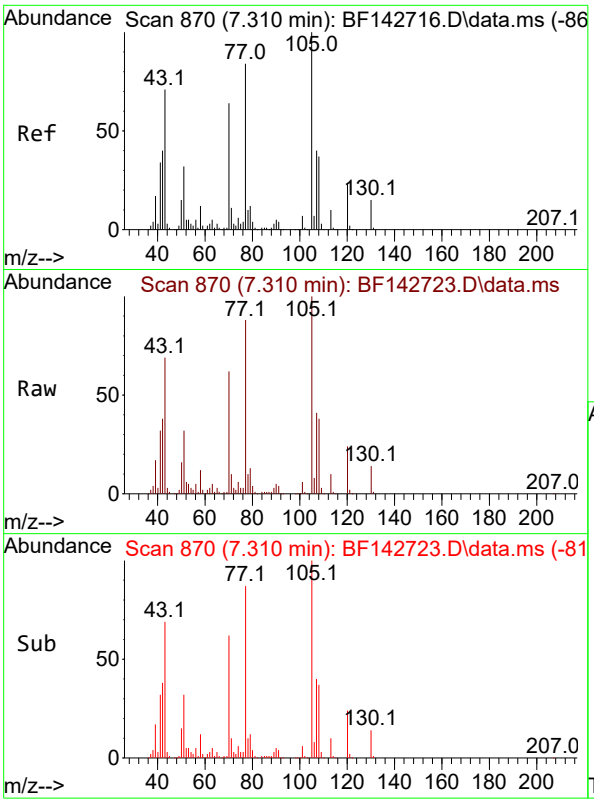


#18
Hexachloroethane
Concen: 38.325 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



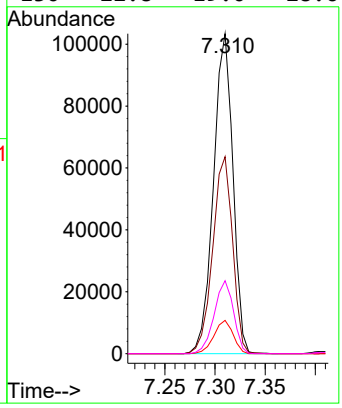


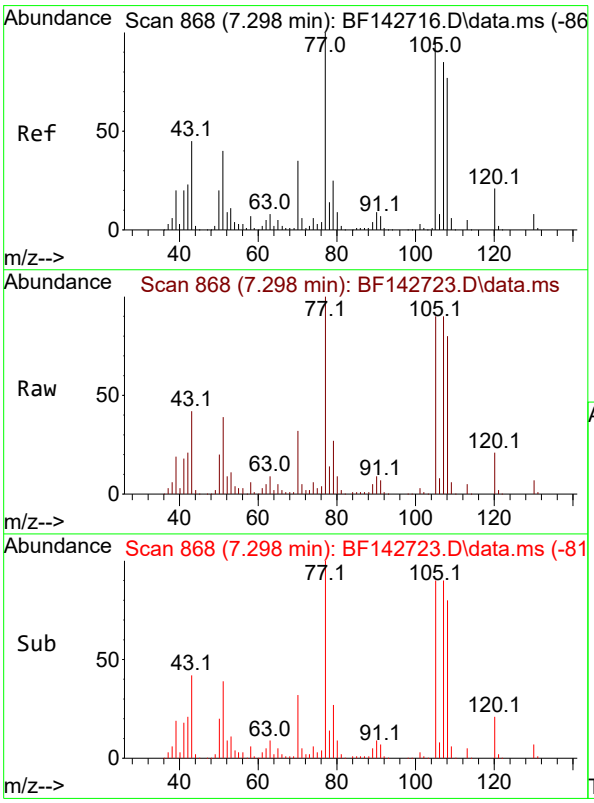
#19
n-Nitroso-di-n-propylamine
Concen: 40.427 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

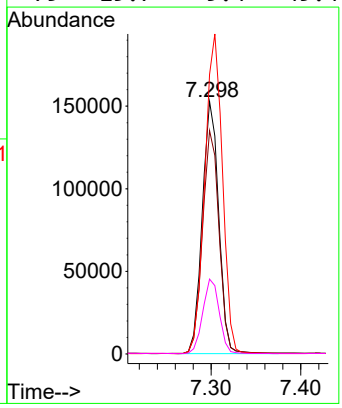


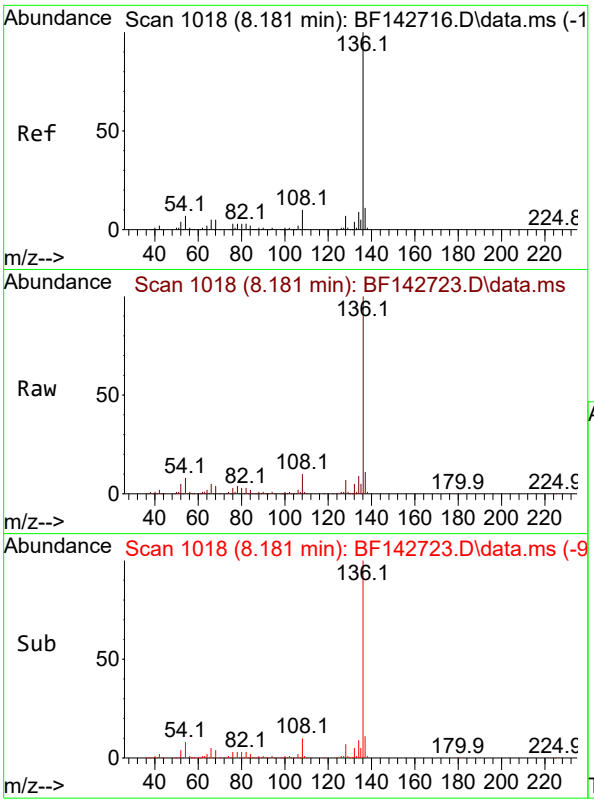


#20
3+4-Methylphenols
Concen: 40.057 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



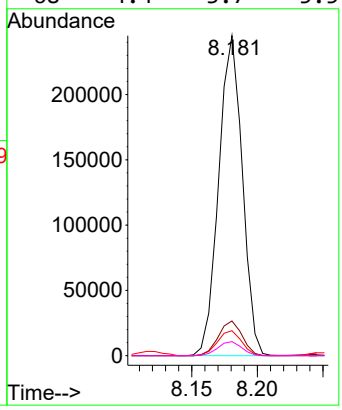


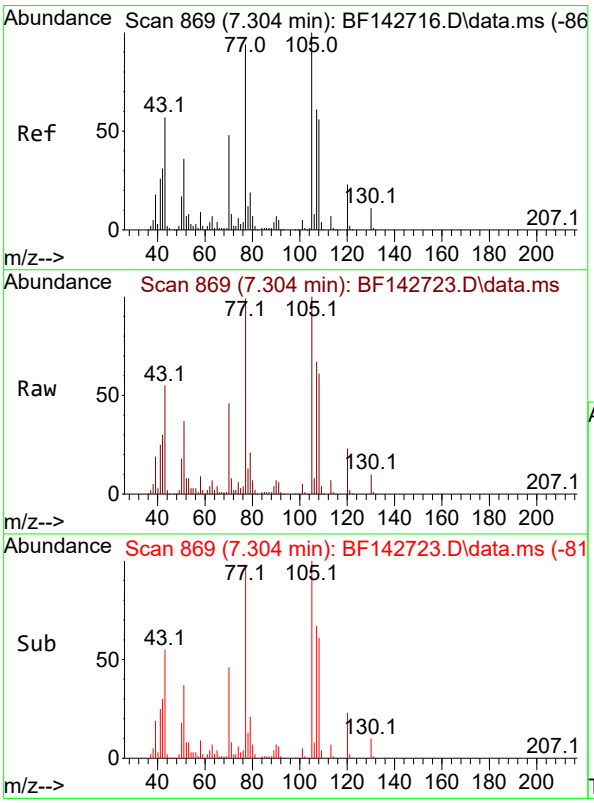
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

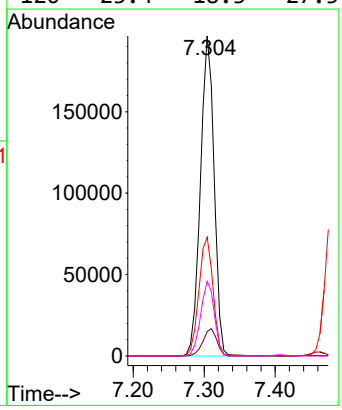


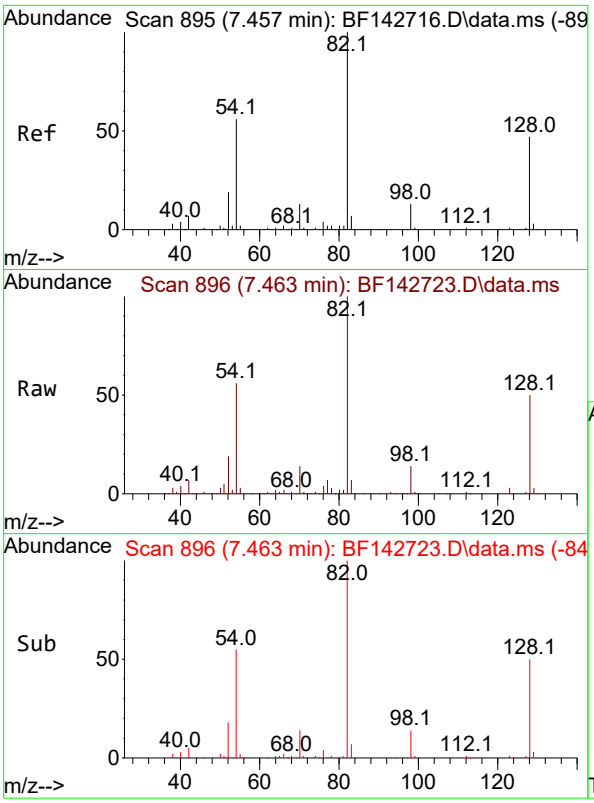


#22
Acetophenone
Concen: 38.775 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



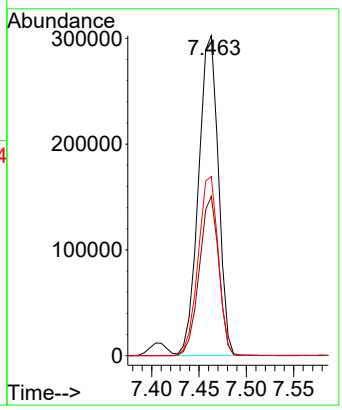


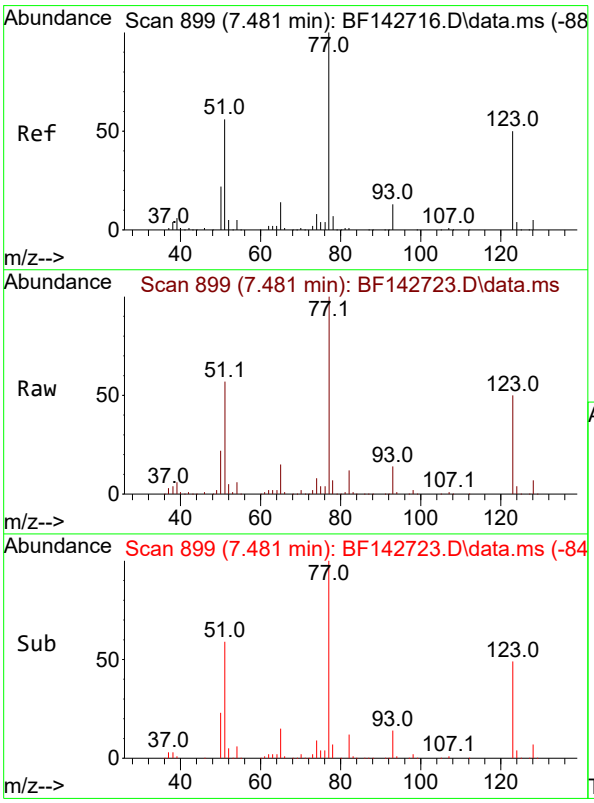
#23
Nitrobenzene-d5
Concen: 78.292 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

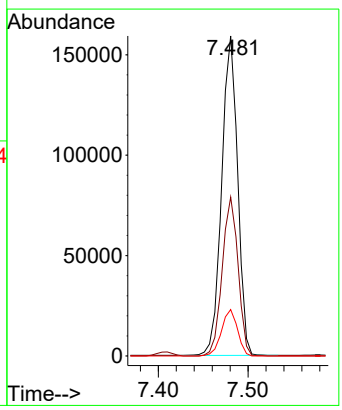


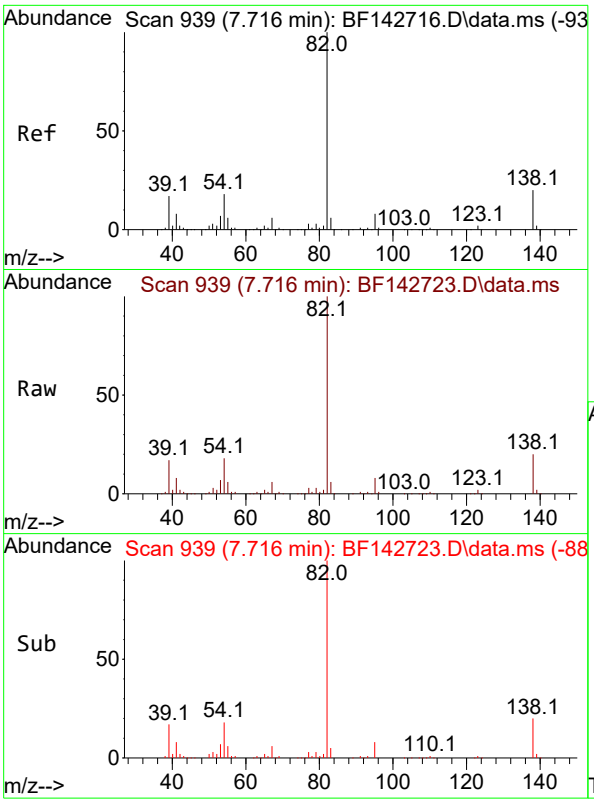


#24
Nitrobenzene
Concen: 39.438 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



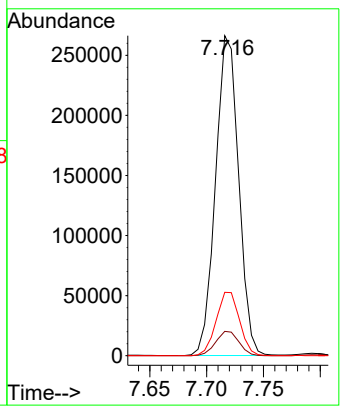


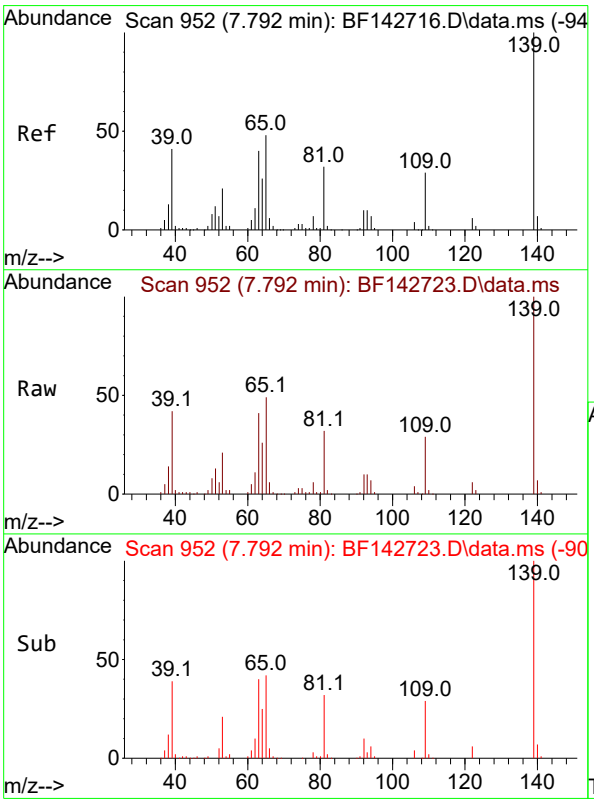
#25
Isophorone
Concen: 39.677 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

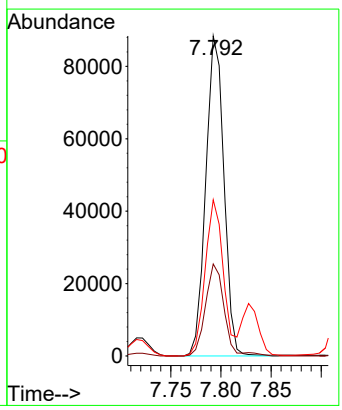


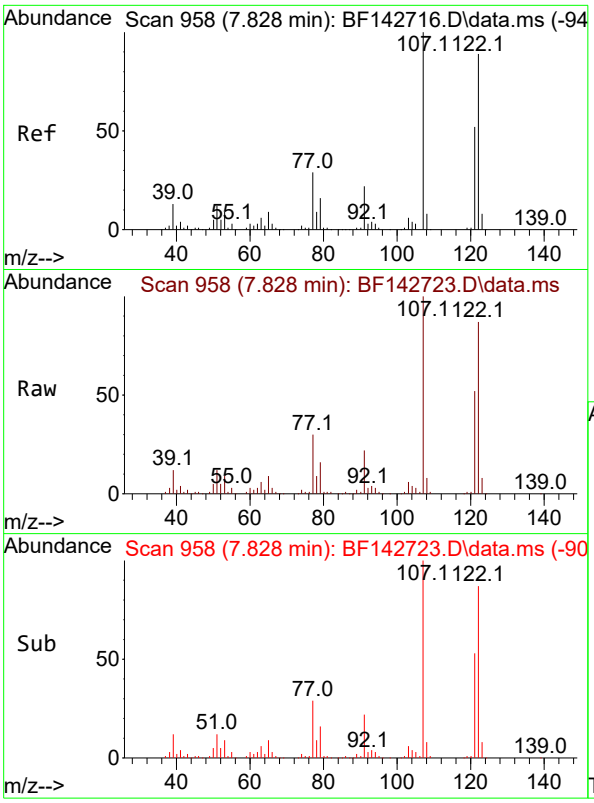


#26
2-Nitrophenol
Concen: 40.193 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



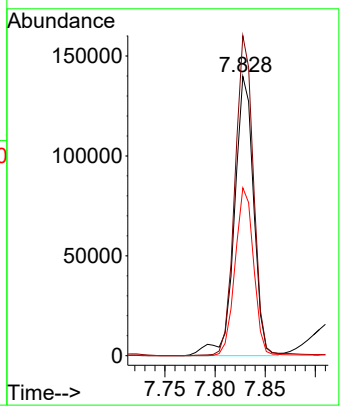


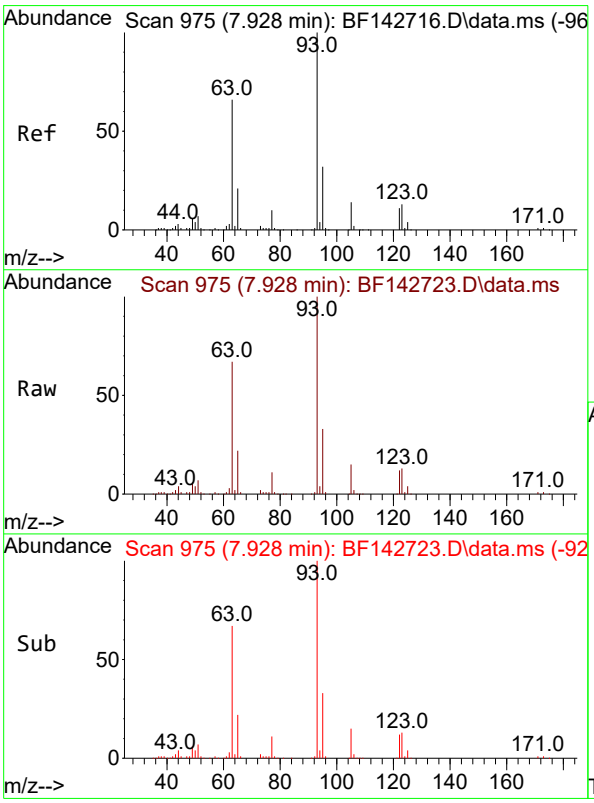
#27
2,4-Dimethylphenol
Concen: 39.530 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

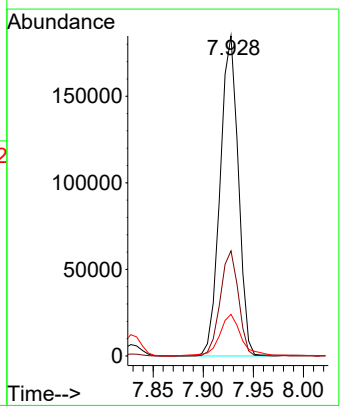


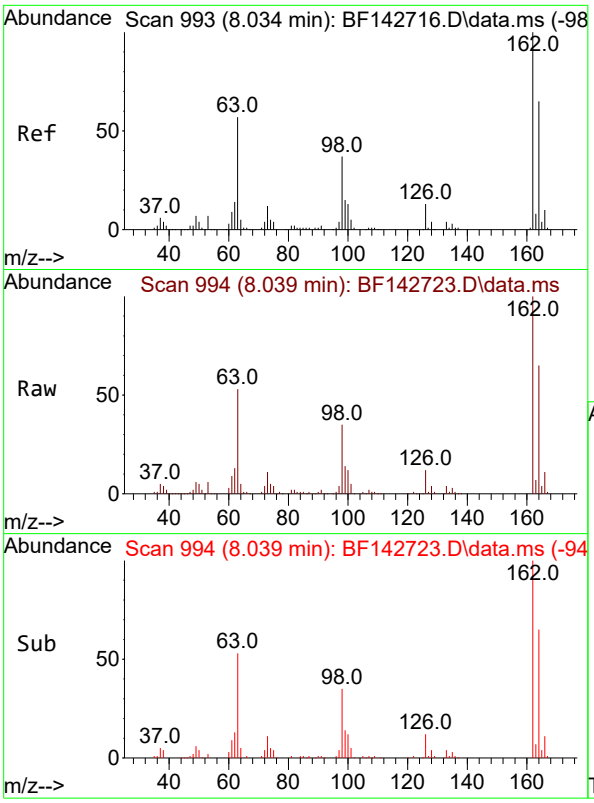


#28
bis(2-Chloroethoxy)methane
Concen: 39.595 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



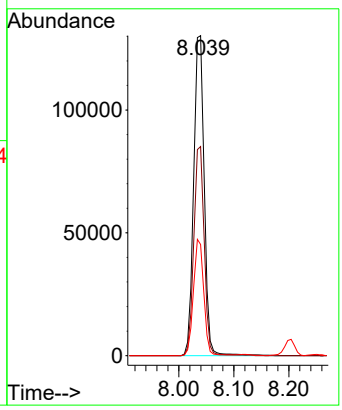


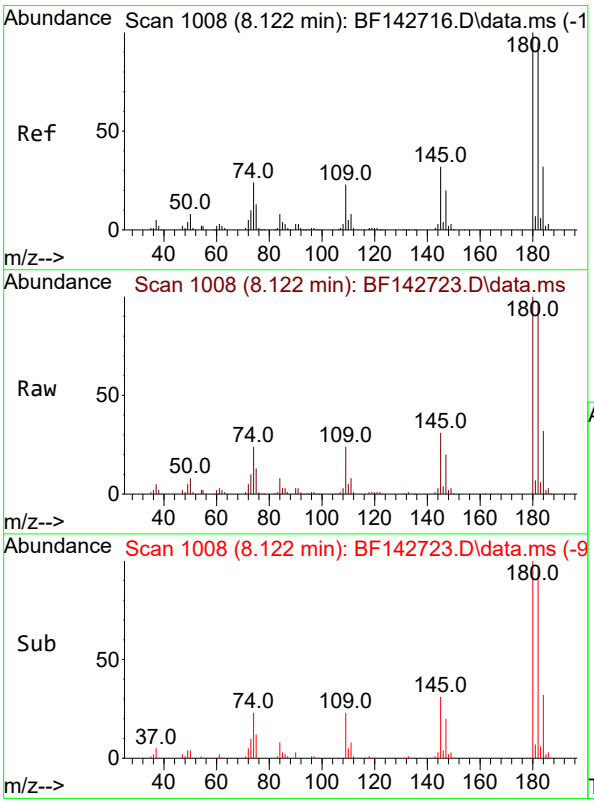
#29
2,4-Dichlorophenol
Concen: 39.892 ng
RT: 8.039 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

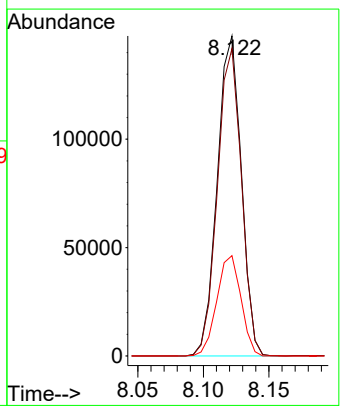


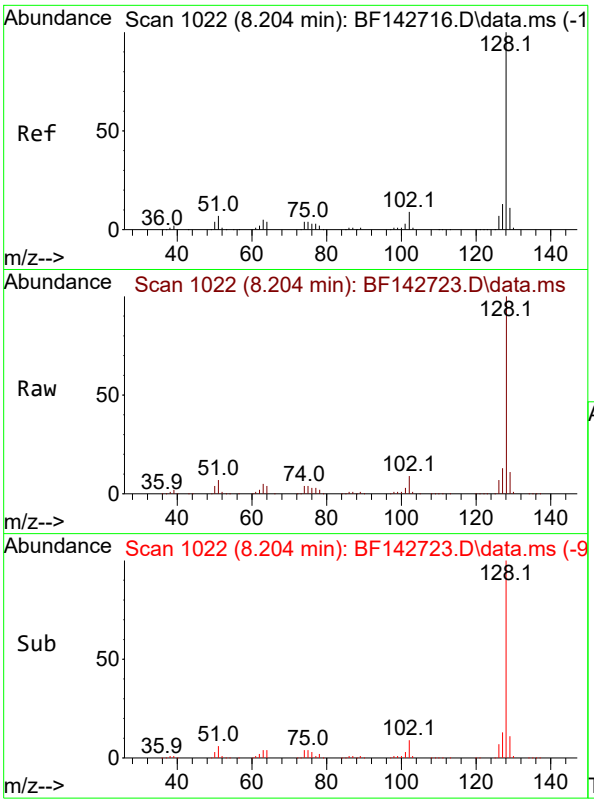


#30
1,2,4-Trichlorobenzene
Concen: 39.027 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



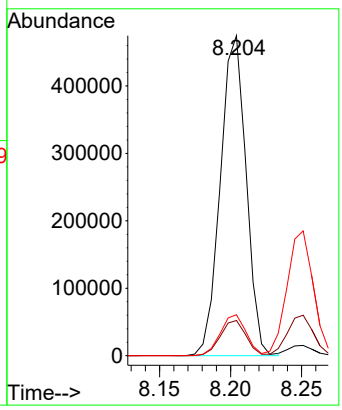


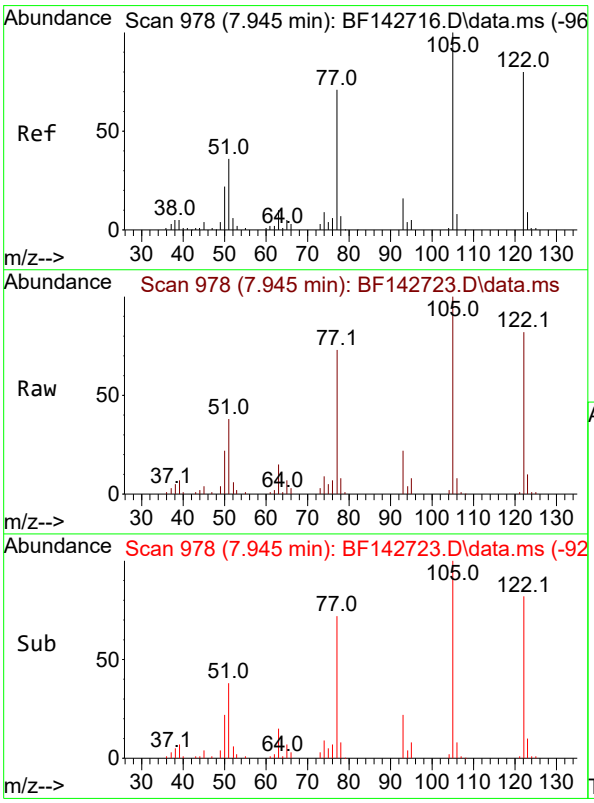
#31
Naphthalene
Concen: 39.461 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

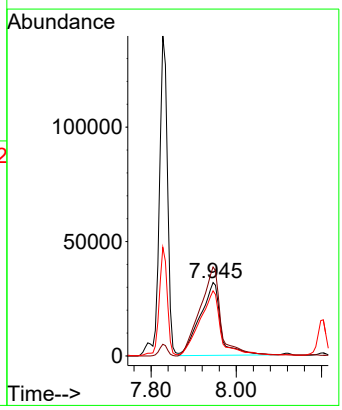


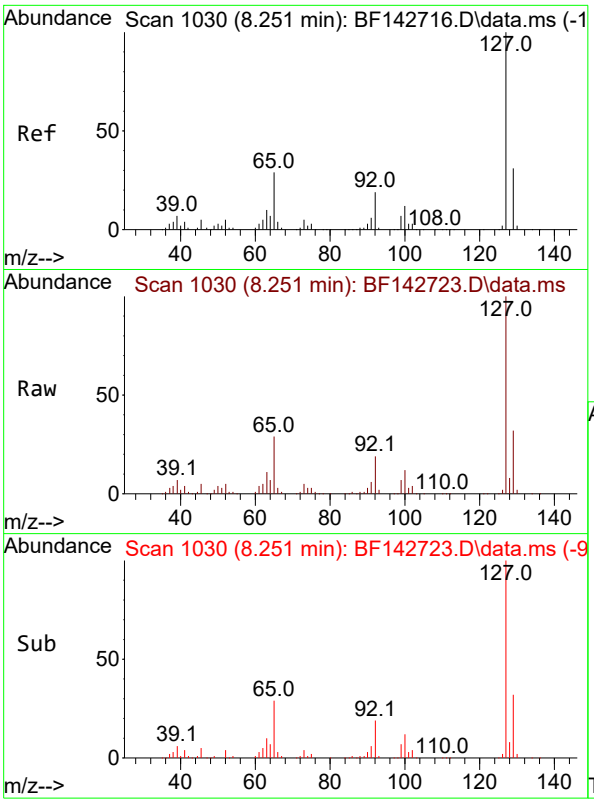


#32
Benzoic acid
Concen: 40.520 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



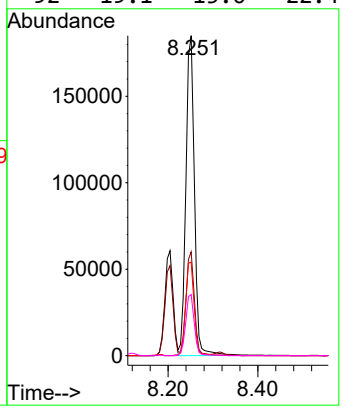


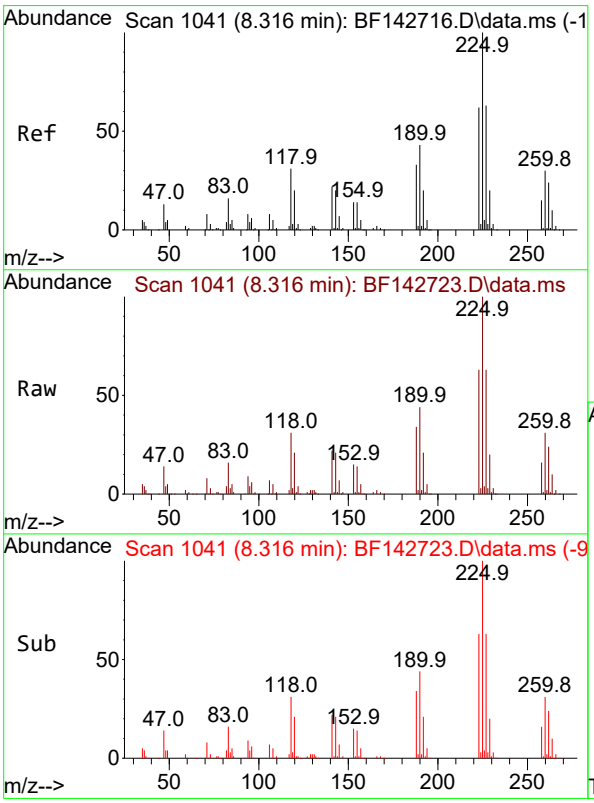
#33
4-Chloroaniline
Concen: 40.198 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

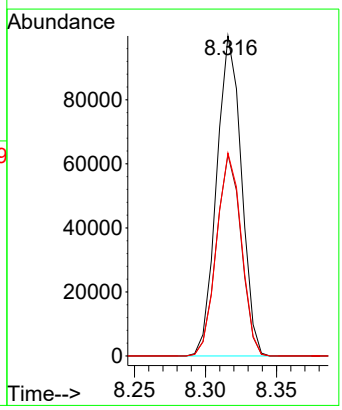


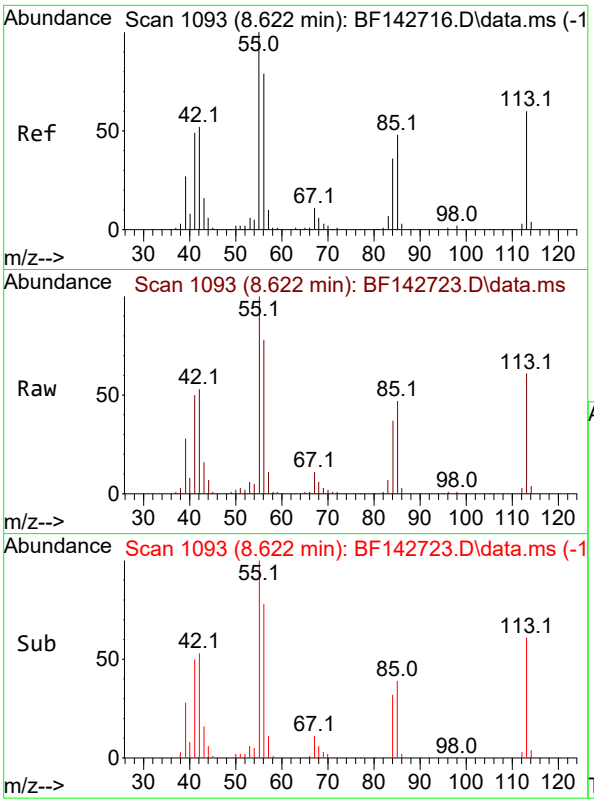


#34
Hexachlorobutadiene
Concen: 39.386 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



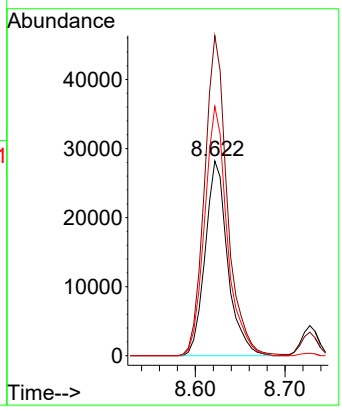


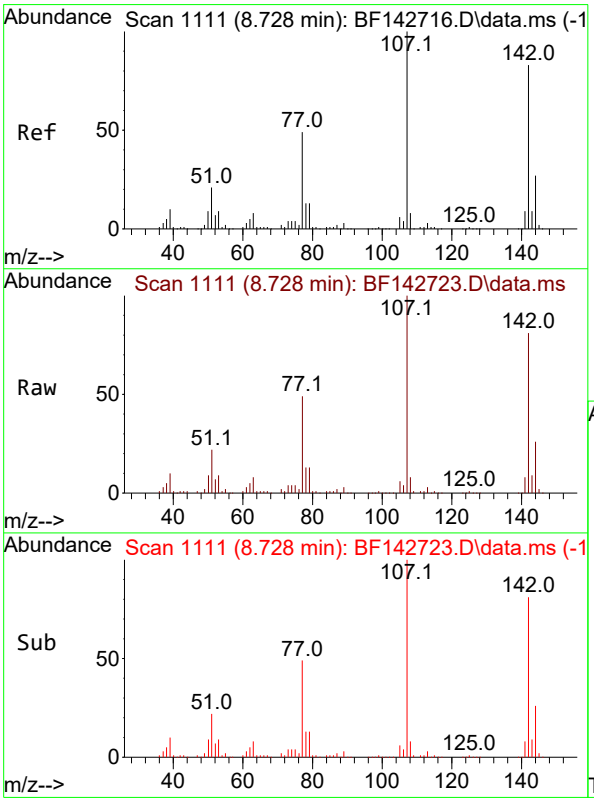
#35
Caprolactam
Concen: 41.553 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

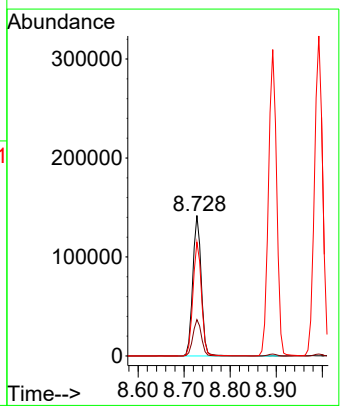


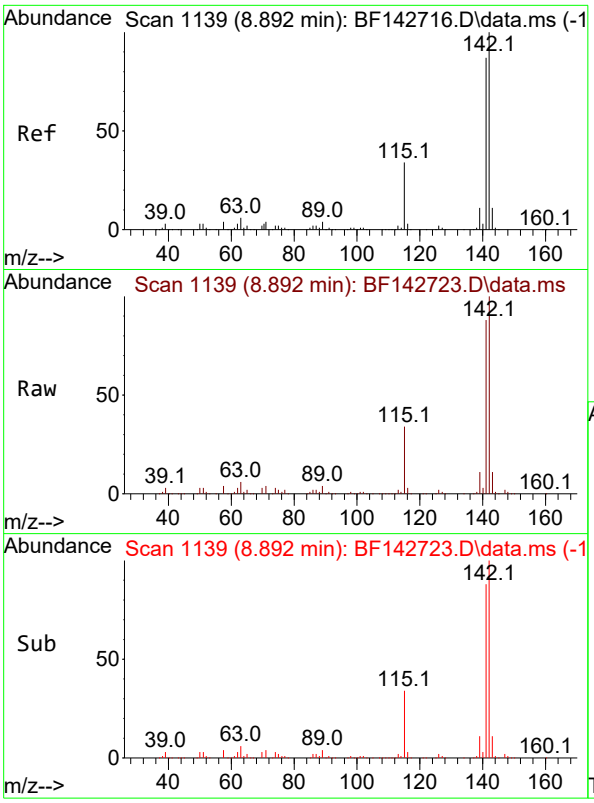


#36
4-Chloro-3-methylphenol
Concen: 39.954 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



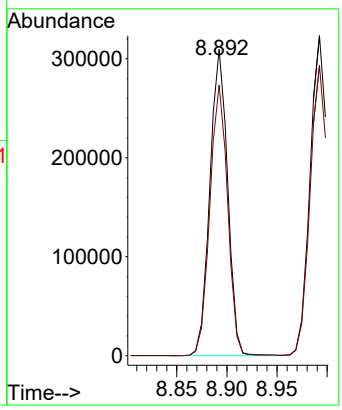


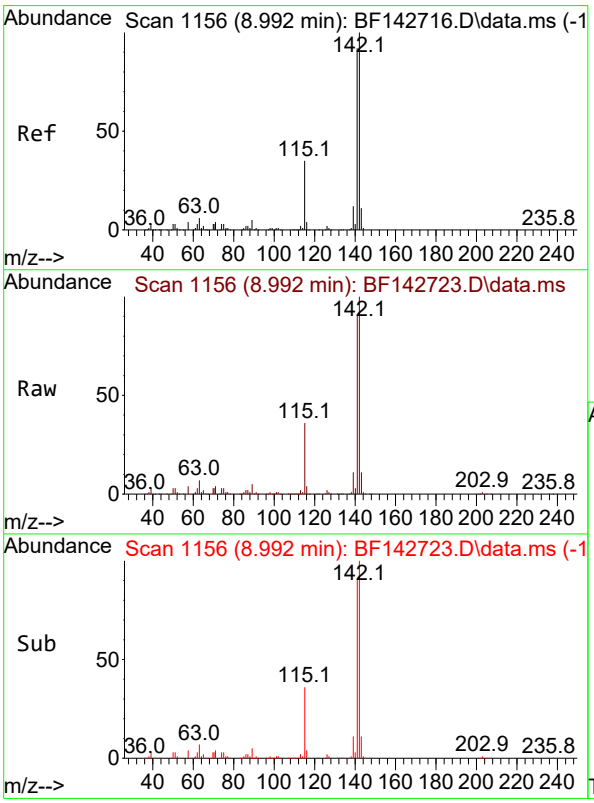
#37
2-Methylnaphthalene
Concen: 39.561 ng
RT: 8.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 379974

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.9	104.9

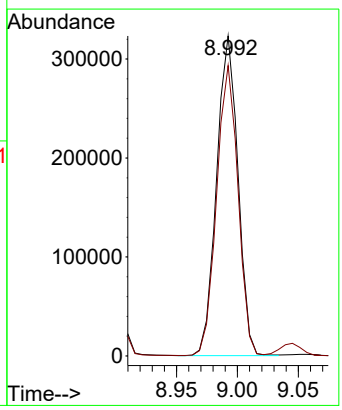


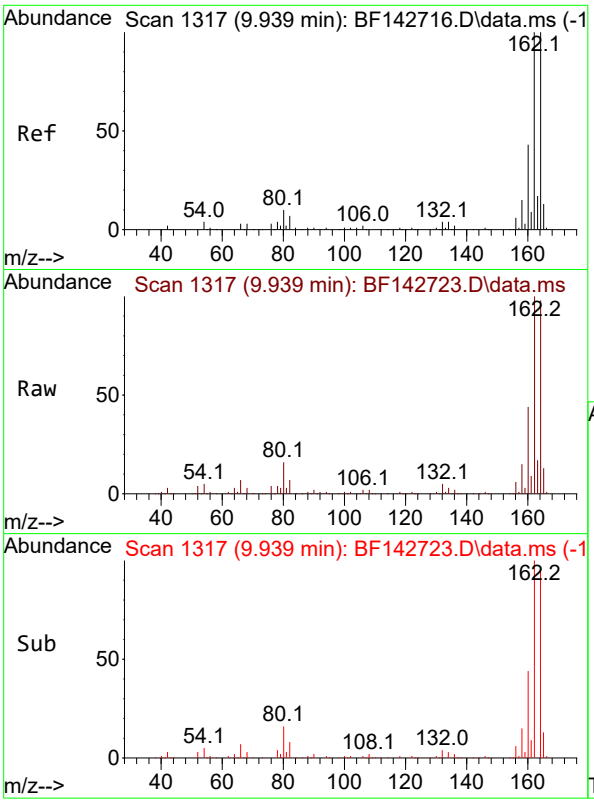


#38
1-Methylnaphthalene
Concen: 39.691 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

Tgt Ion:142 Resp: 394920

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.5	110.3



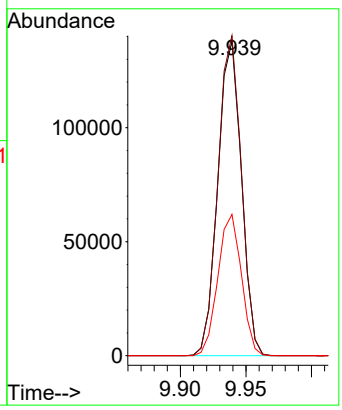


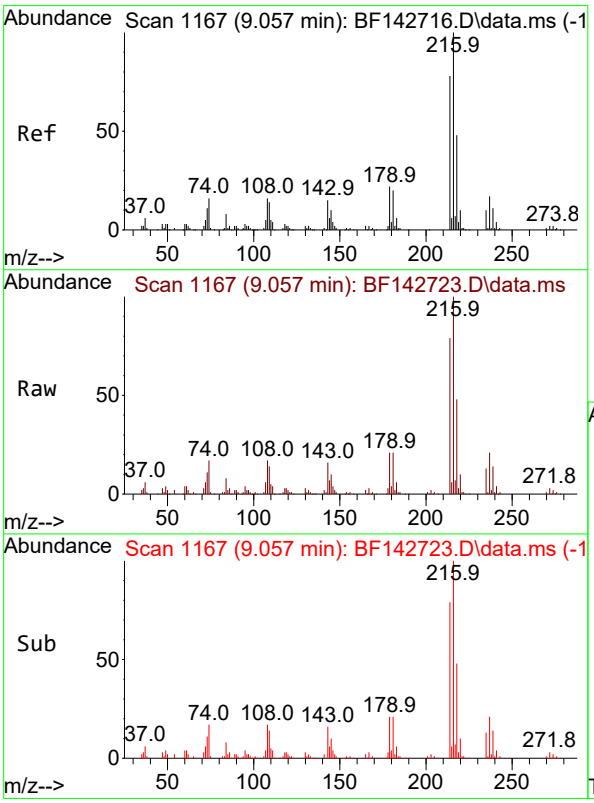
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

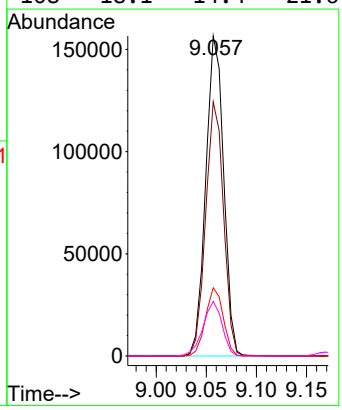


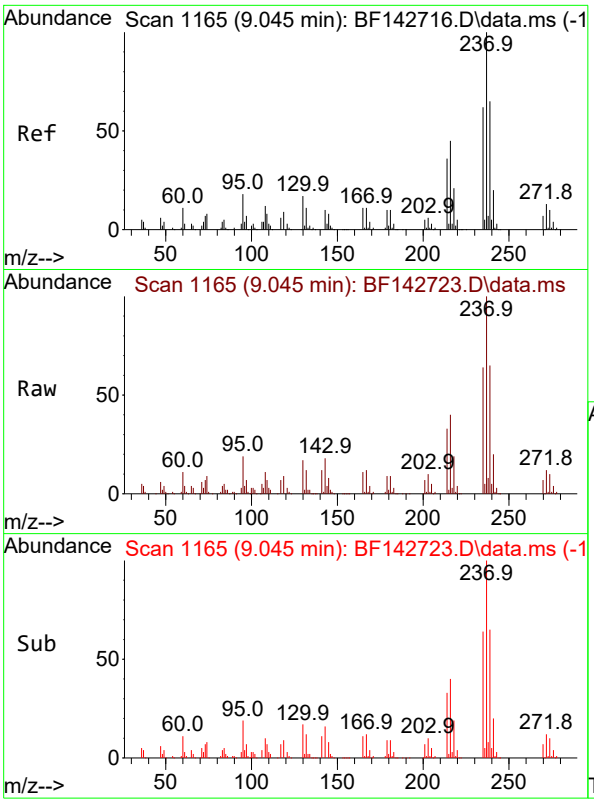


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.191 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



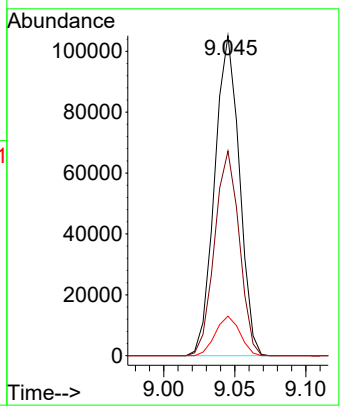


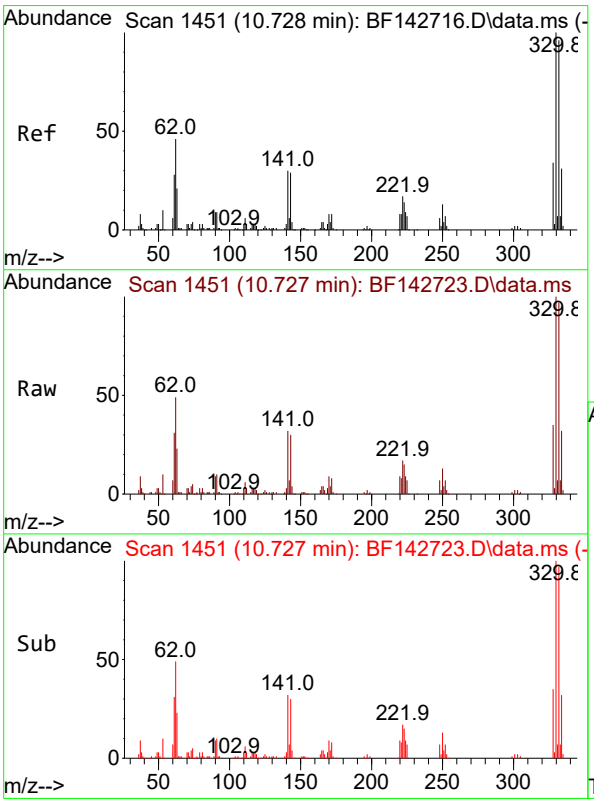
#41
Hexachlorocyclopentadiene
Concen: 39.734 ng
RT: 9.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

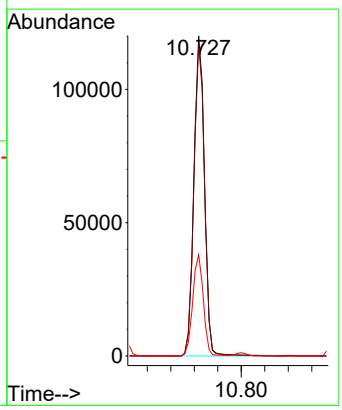


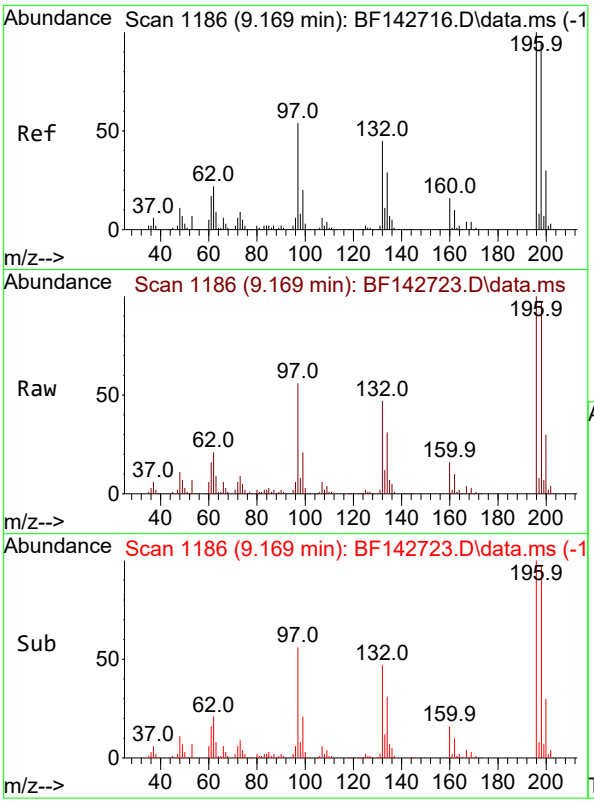


#42
2,4,6-Tribromophenol
Concen: 79.661 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



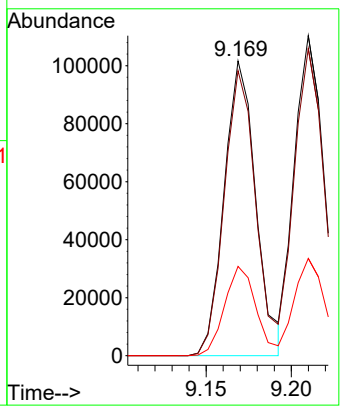


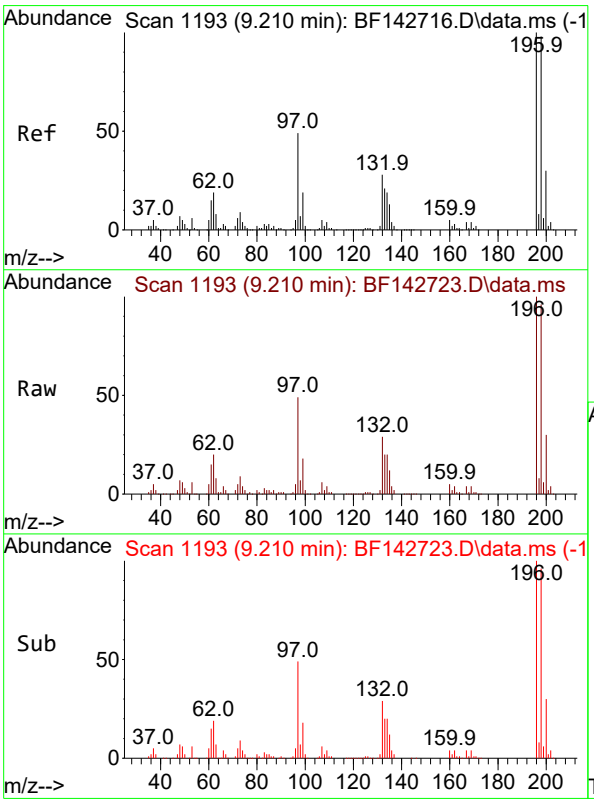
#43
2,4,6-Trichlorophenol
Concen: 40.688 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

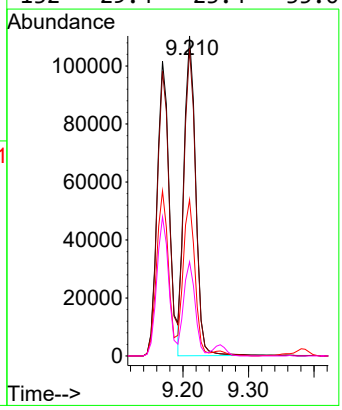


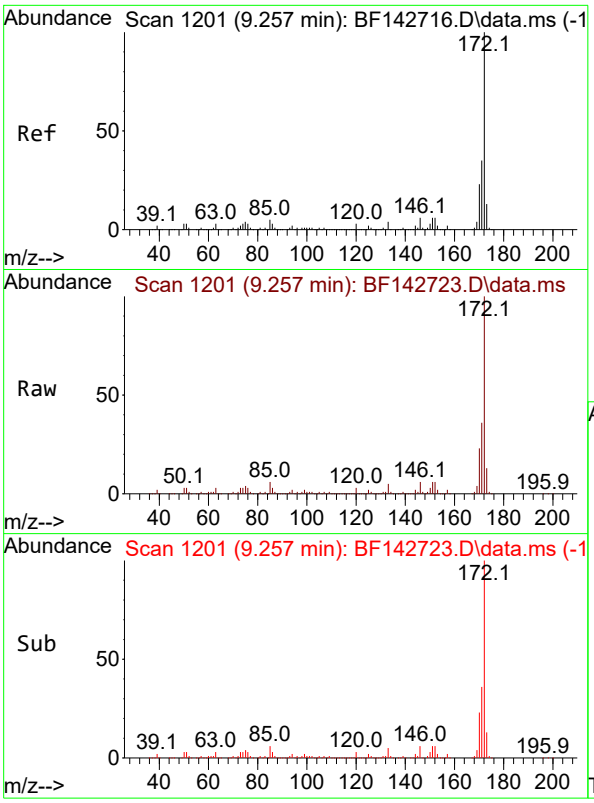


#44
2,4,5-Trichlorophenol
Concen: 39.033 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



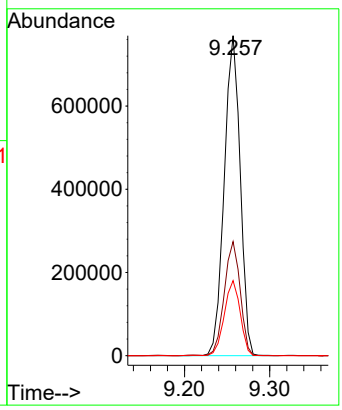


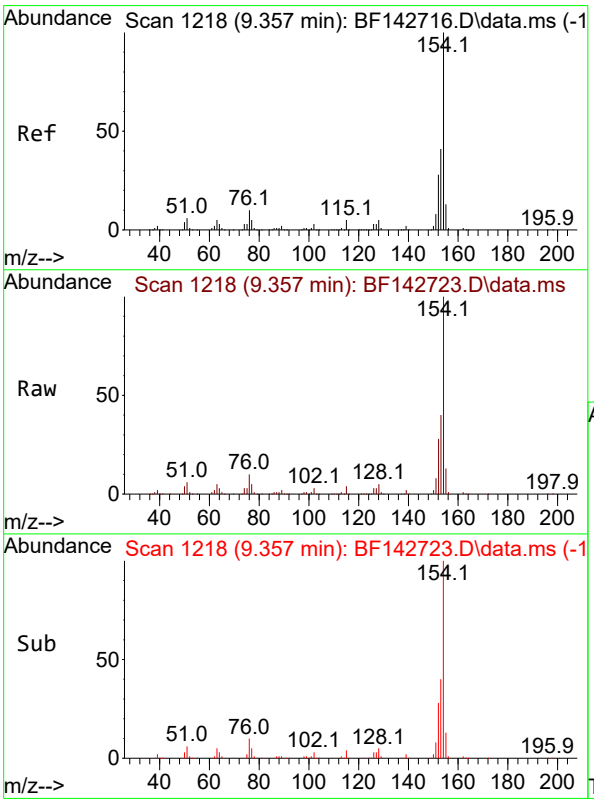
#45
2-Fluorobiphenyl
Concen: 77.182 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

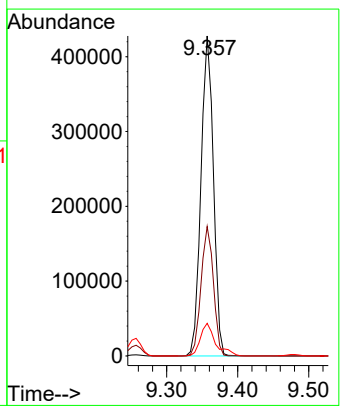


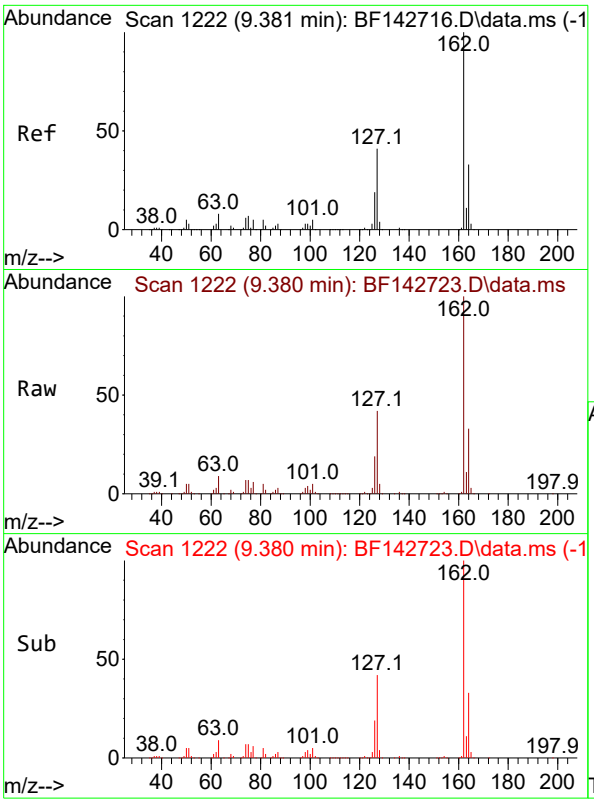


#46
1,1'-Biphenyl
Concen: 39.049 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



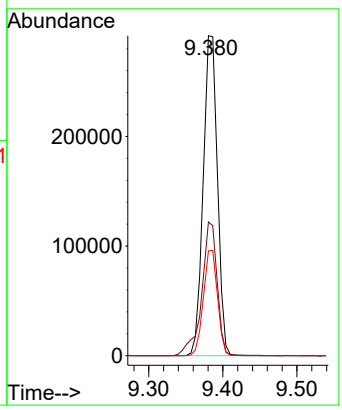


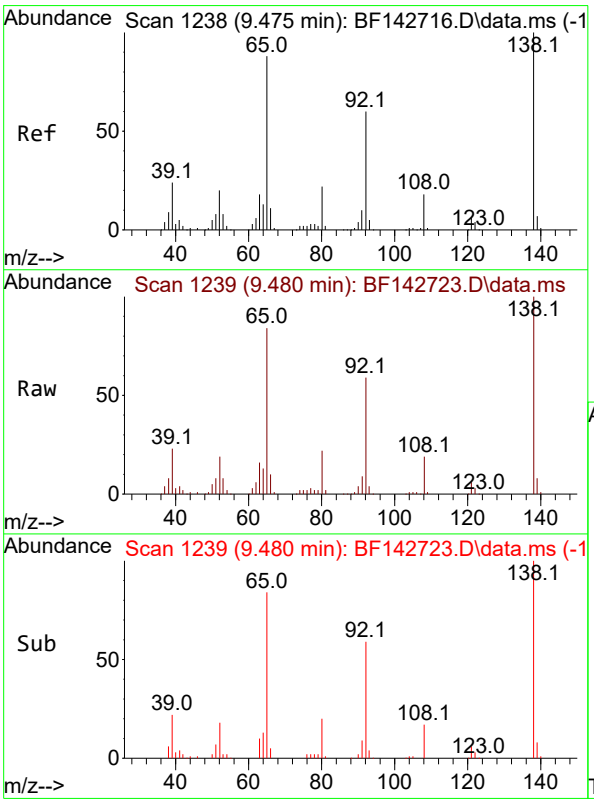
#47
2-Chloronaphthalene
Concen: 39.632 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

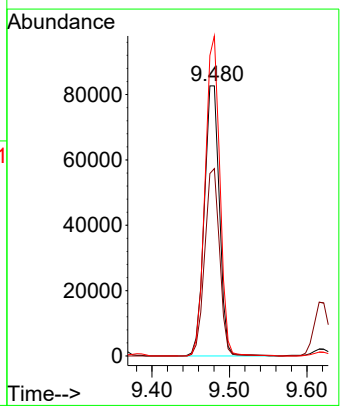


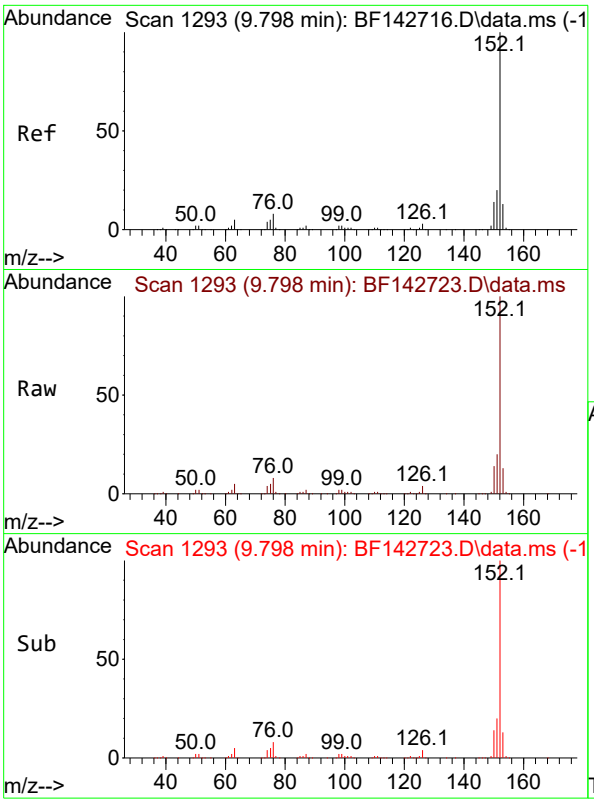


#48
2-Nitroaniline
Concen: 40.029 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



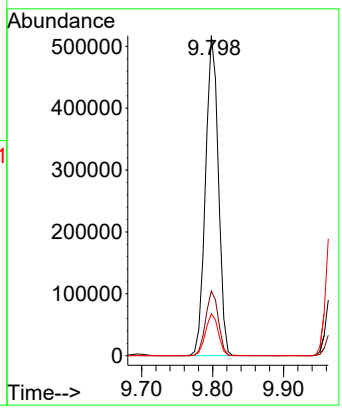


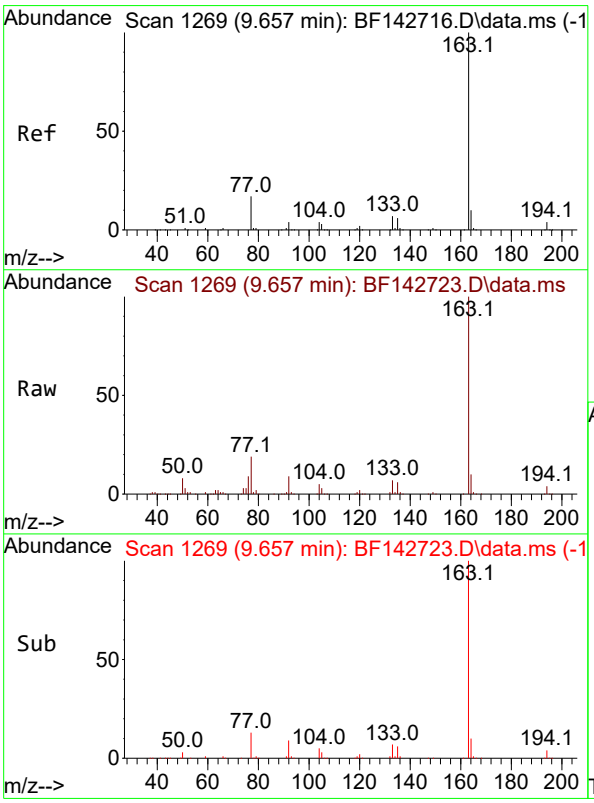
#49
Acenaphthylene
Concen: 39.206 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

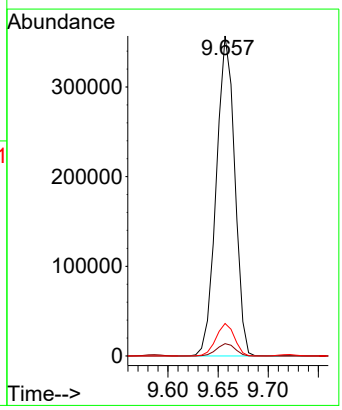


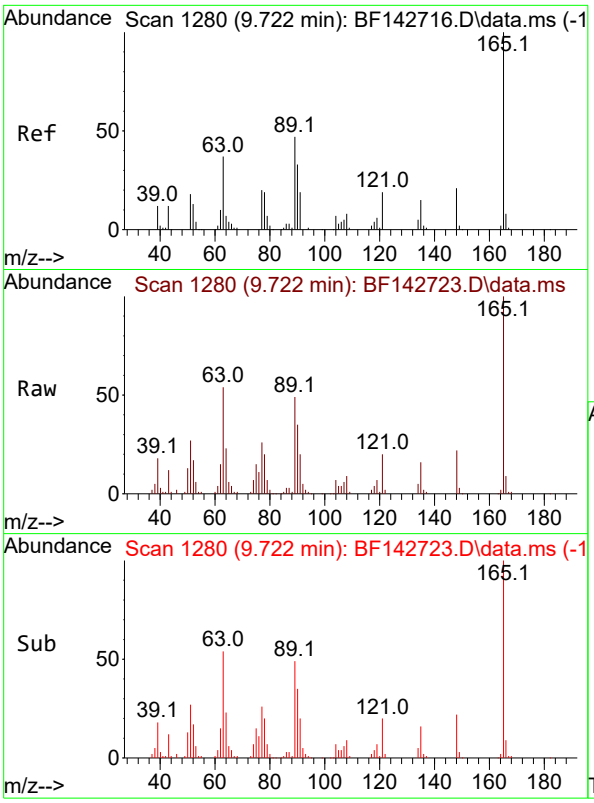


#50
Dimethylphthalate
Concen: 39.669 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



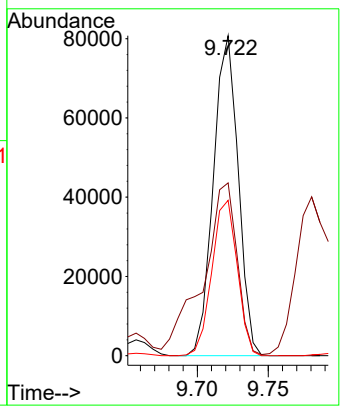


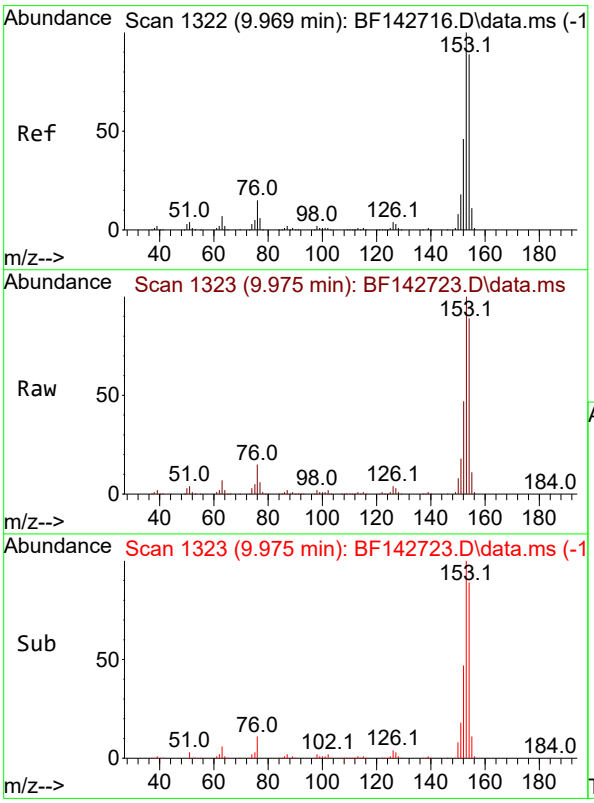
#51
2,6-Dinitrotoluene
Concen: 39.514 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

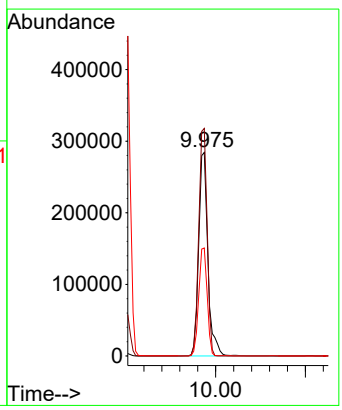


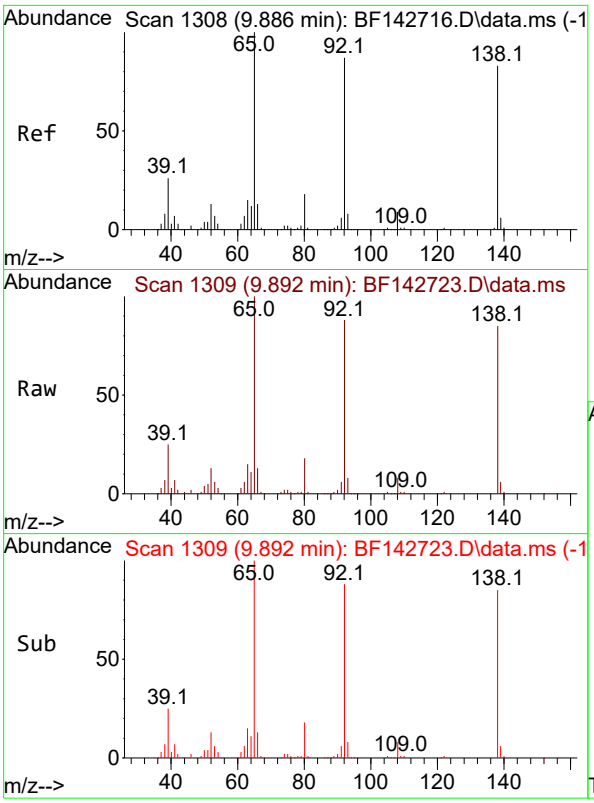


#52
Acenaphthene
Concen: 39.208 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



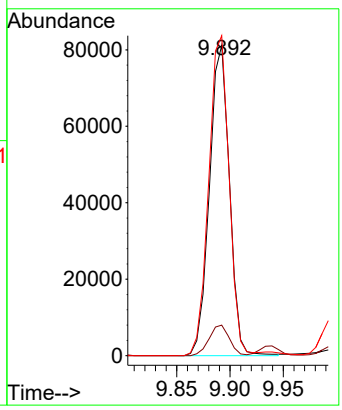


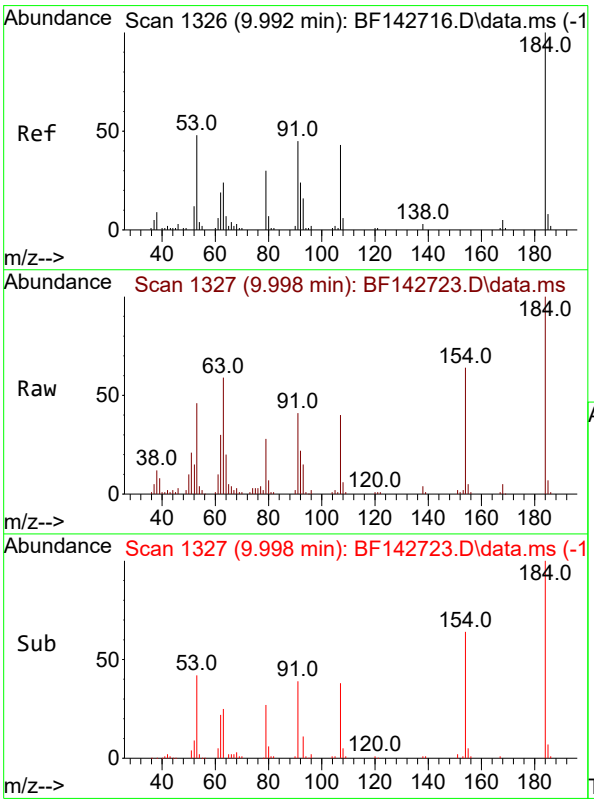
#53
3-Nitroaniline
Concen: 39.423 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

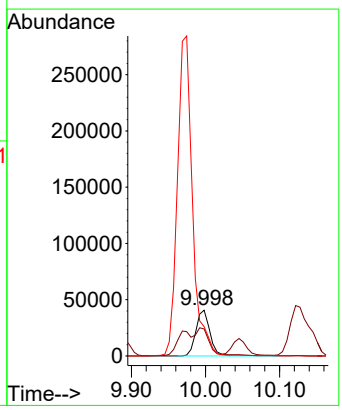


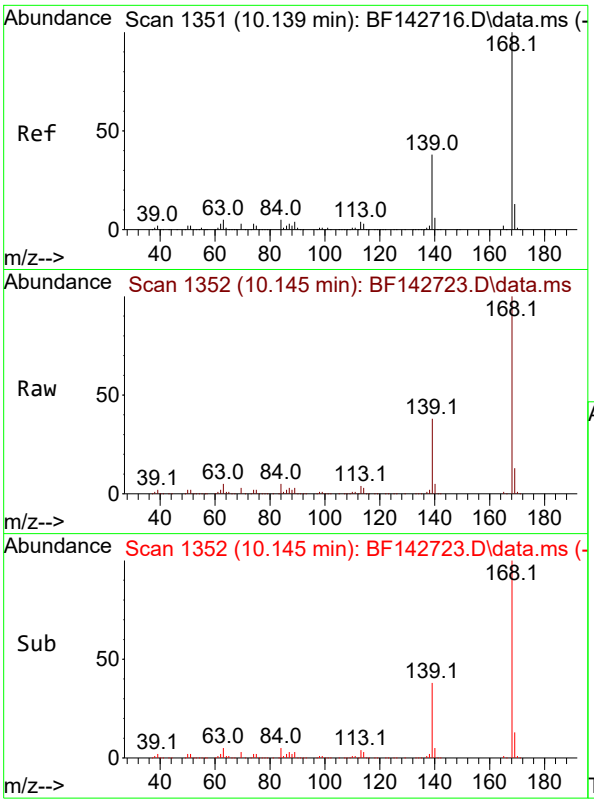


#54
2,4-Dinitrophenol
Concen: 40.188 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



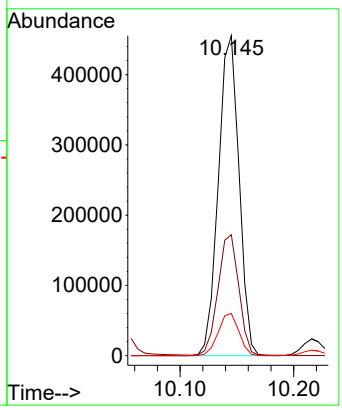


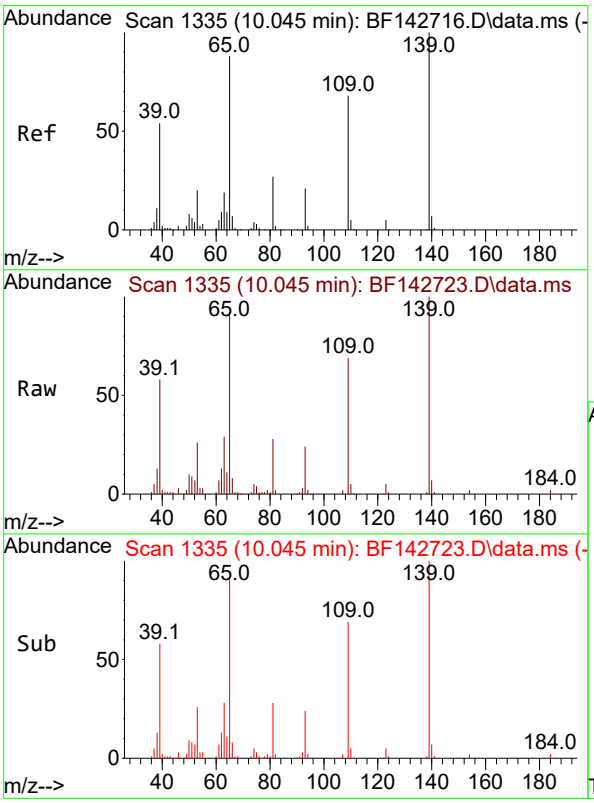
#55
Dibenzofuran
Concen: 39.278 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

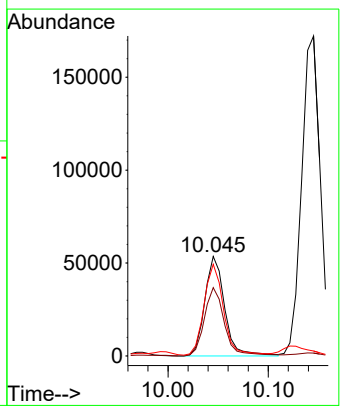


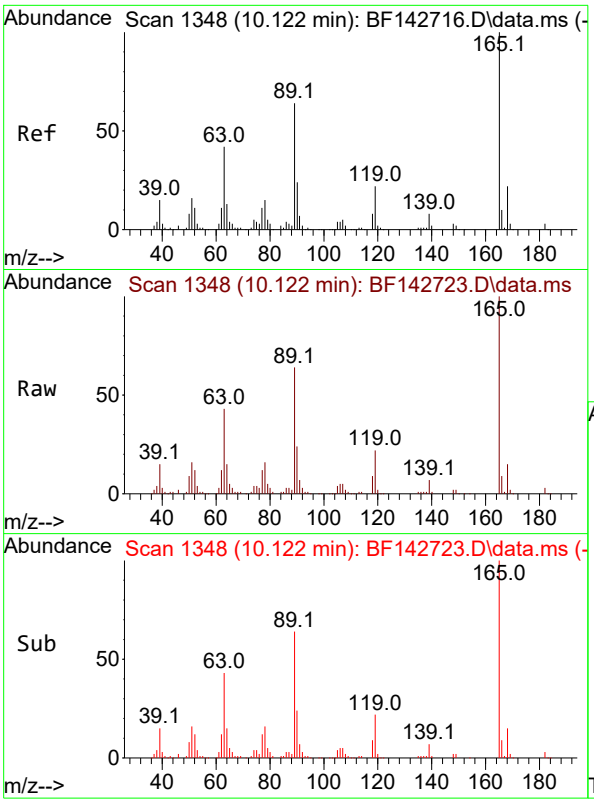


#56
4-Nitrophenol
Concen: 40.432 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



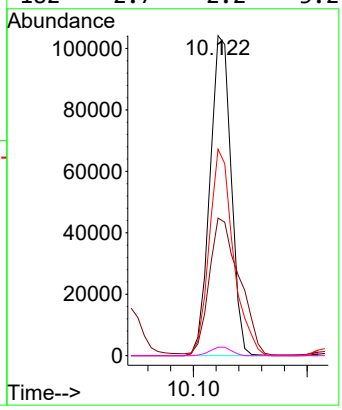


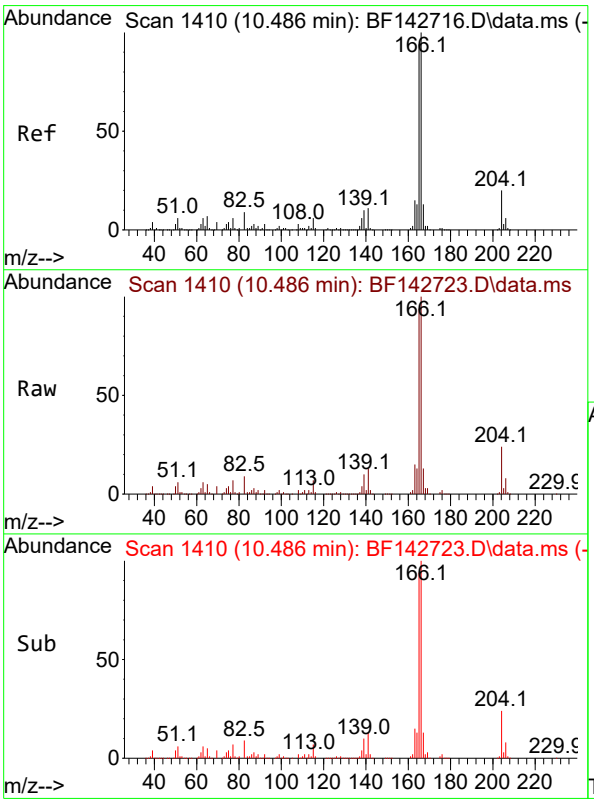
#57
2,4-Dinitrotoluene
Concen: 41.102 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

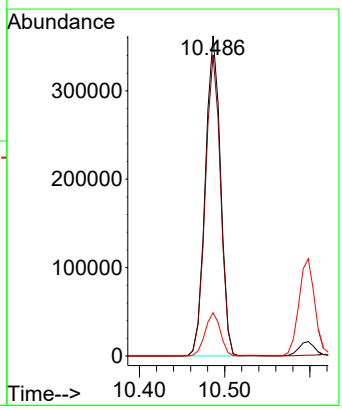


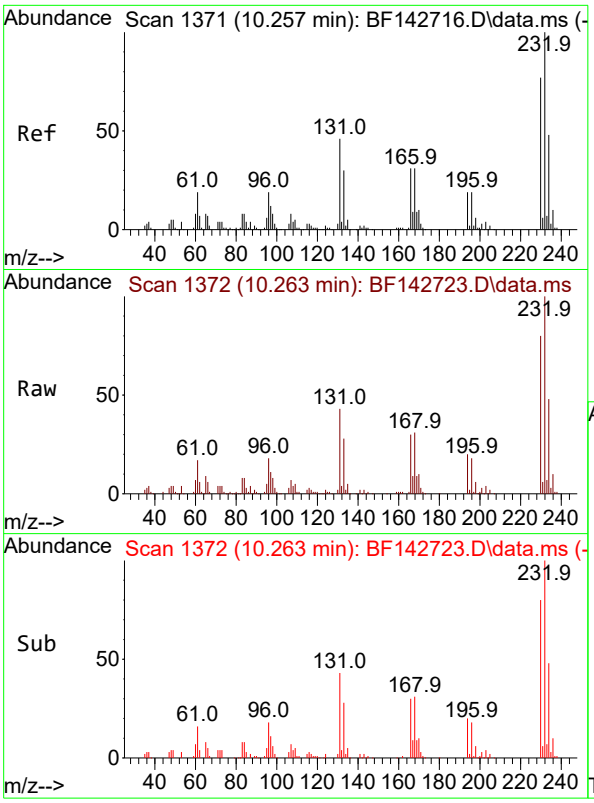


#58
Fluorene
Concen: 38.679 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



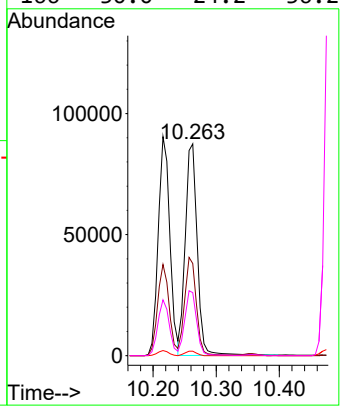


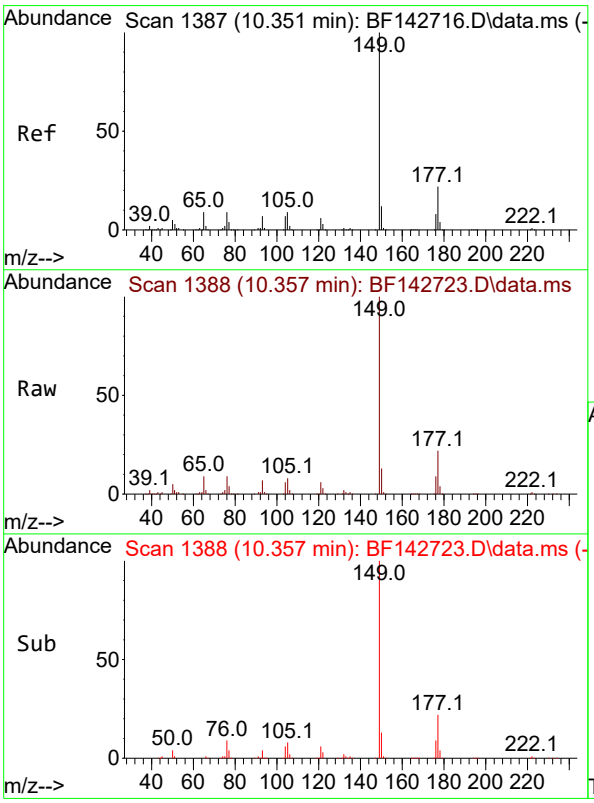
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.344 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

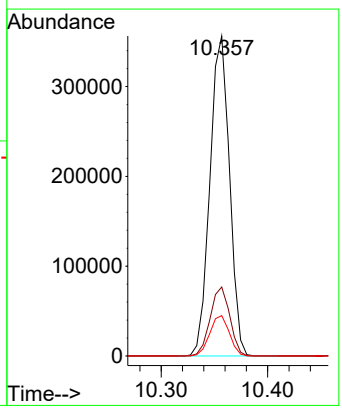


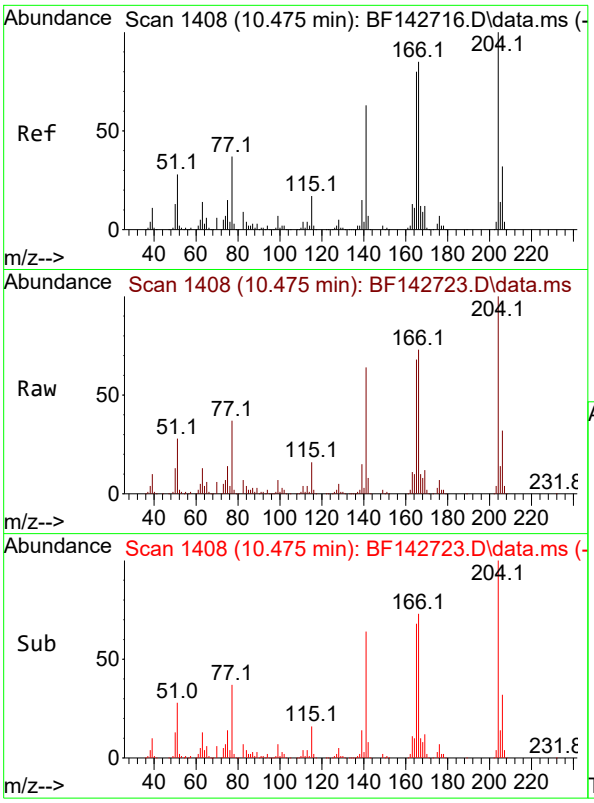


#60
Diethylphthalate
Concen: 39.823 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



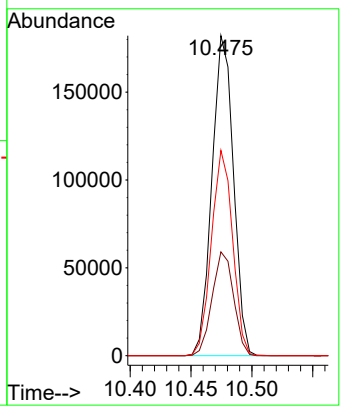


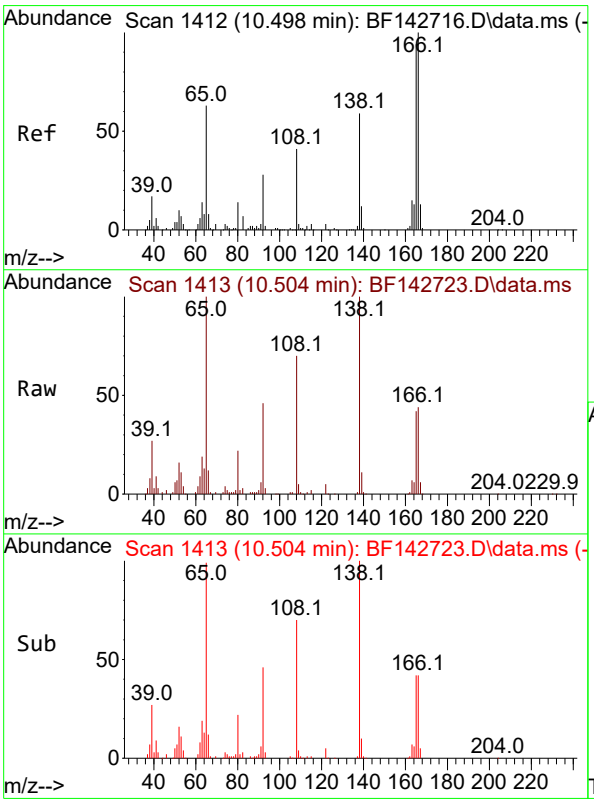
#61
4-Chlorophenyl-phenylether
Concen: 39.637 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

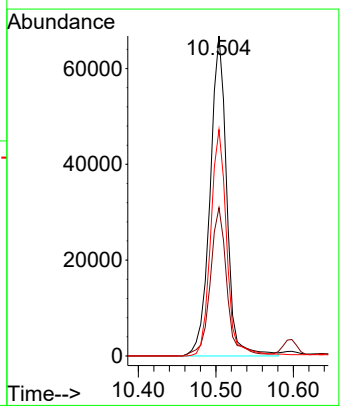


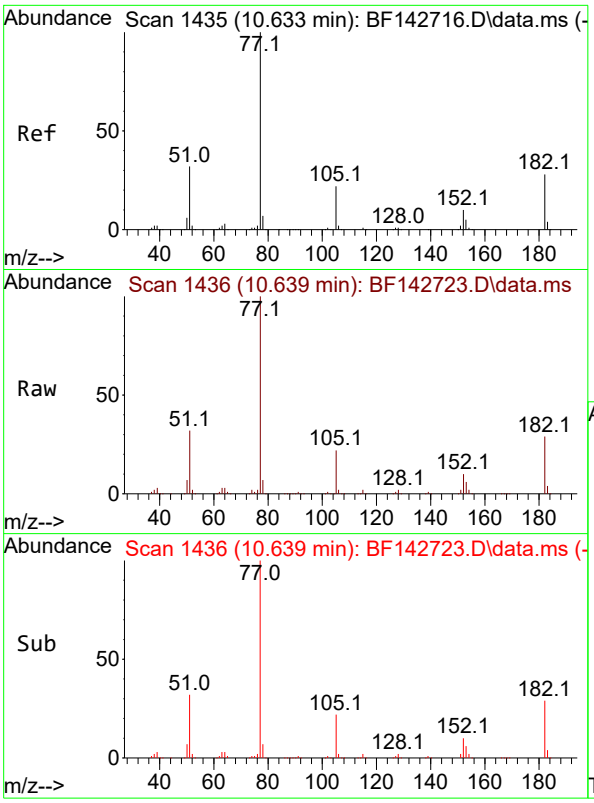


#62
4-Nitroaniline
Concen: 41.427 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



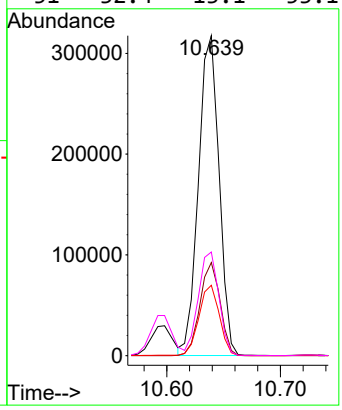


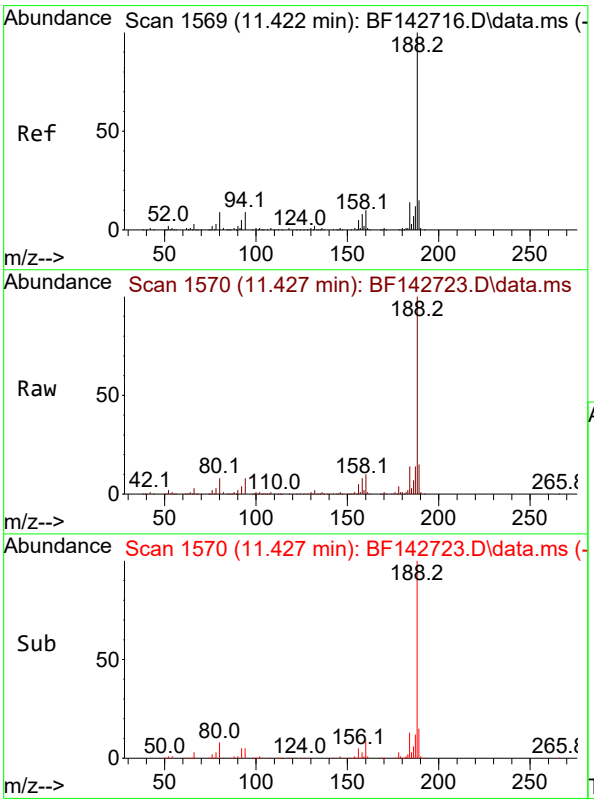
#63
Azobenzene
Concen: 40.239 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

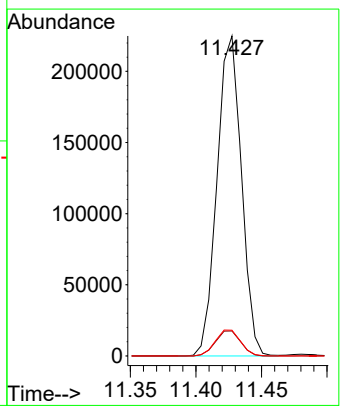


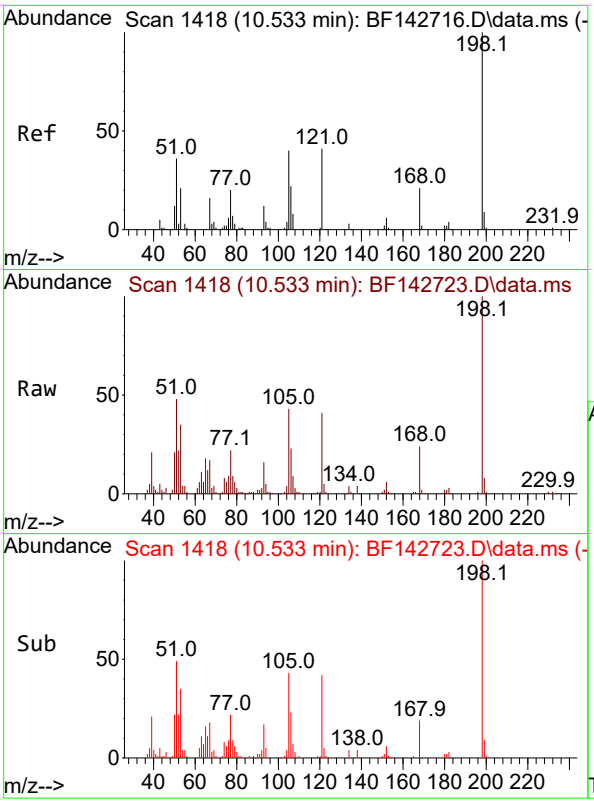


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



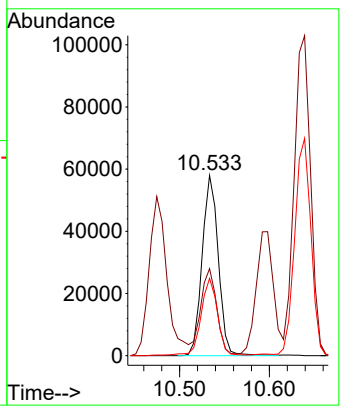


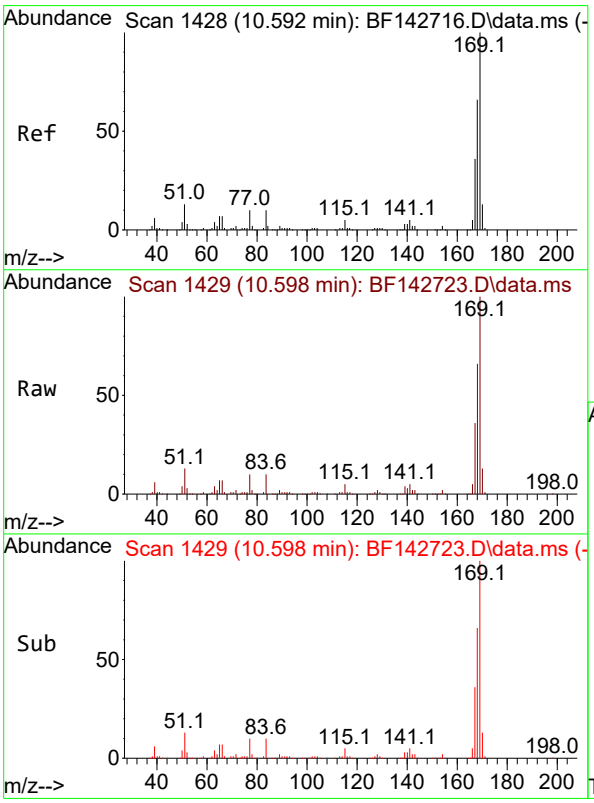
#65
4,6-Dinitro-2-methylphenol
Concen: 39.770 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

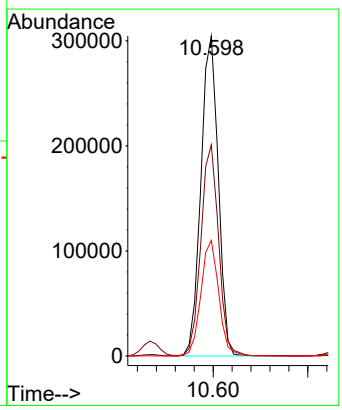


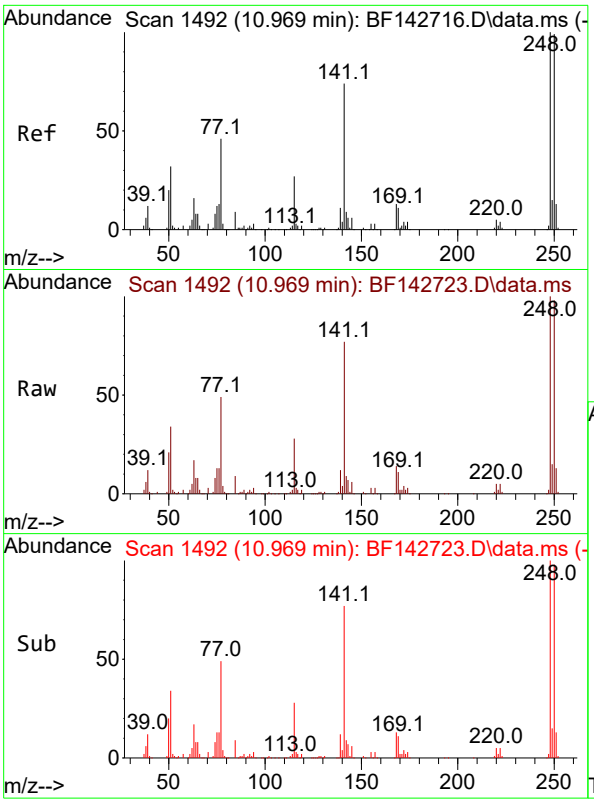


#66
n-Nitrosodiphenylamine
Concen: 38.788 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



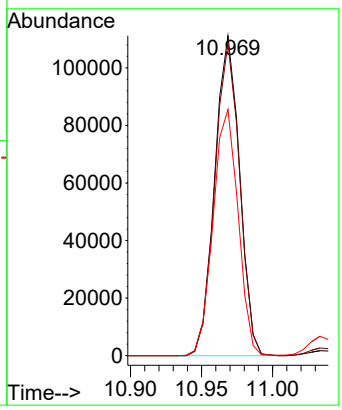


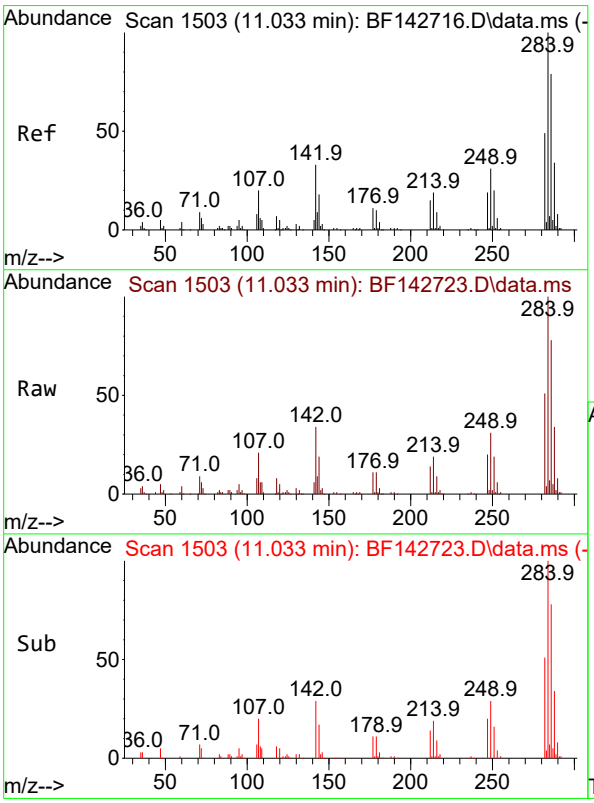
#67
4-Bromophenyl-phenylether
Concen: 39.397 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

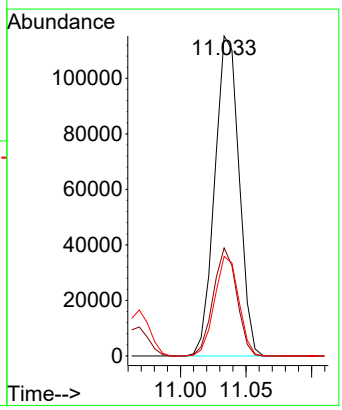


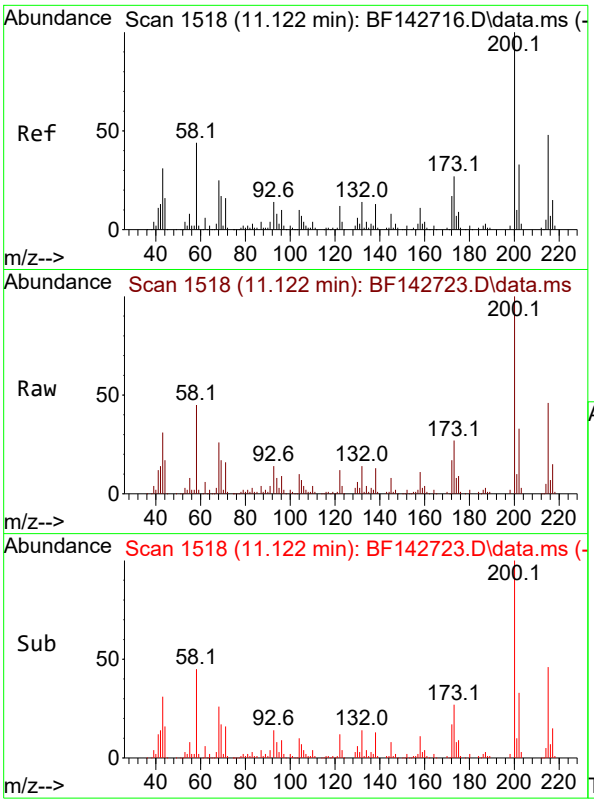


#68
Hexachlorobenzene
Concen: 38.888 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



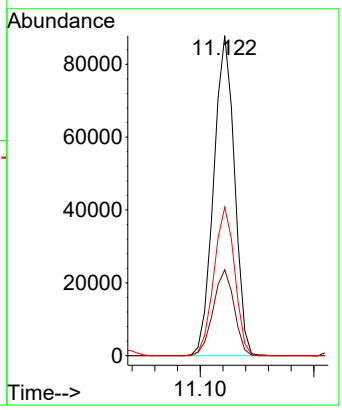


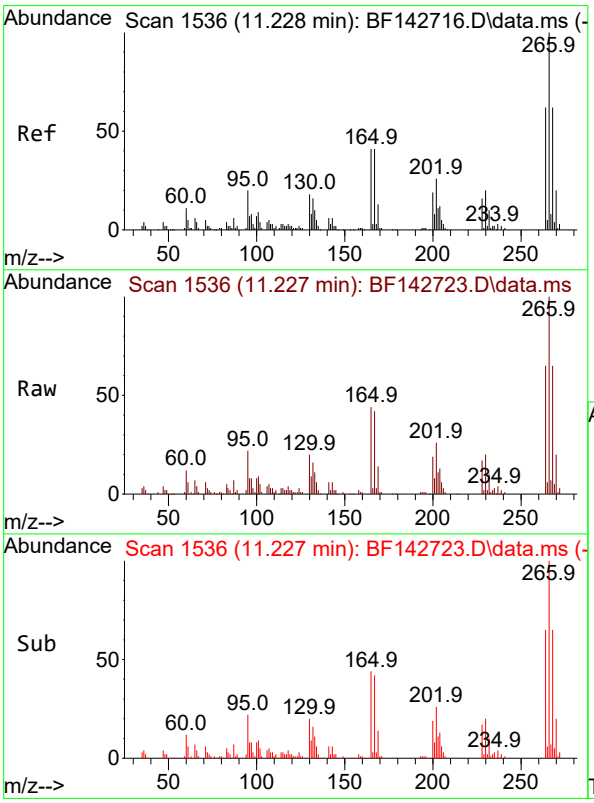
#69
Atrazine
Concen: 41.943 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

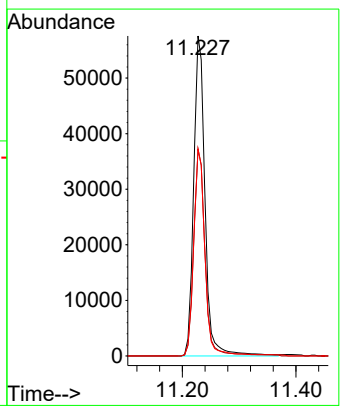


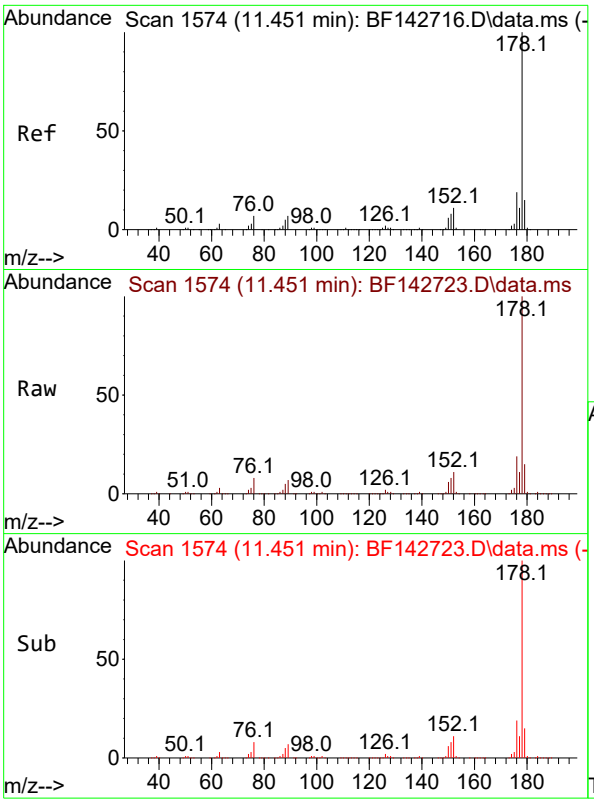


#70
Pentachlorophenol
Concen: 40.127 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



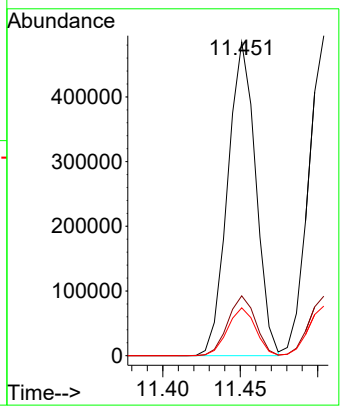


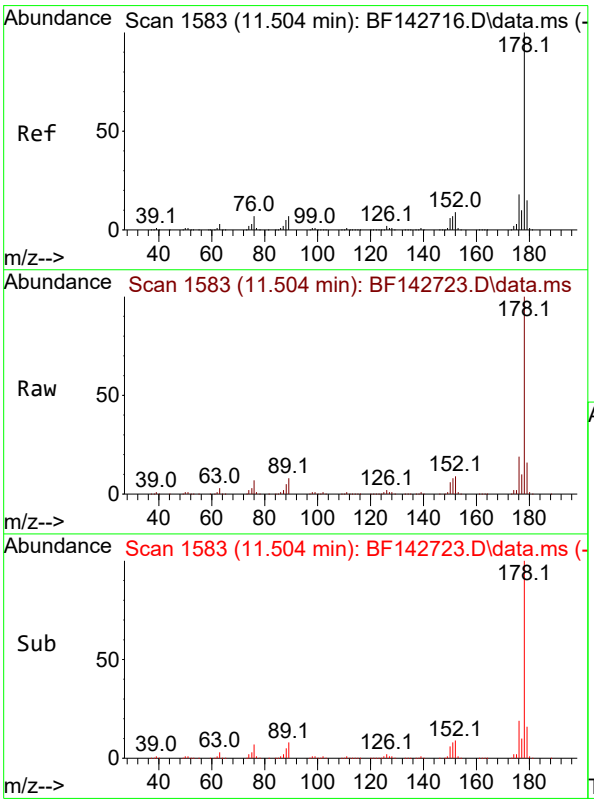
#71
Phenanthrene
Concen: 38.955 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

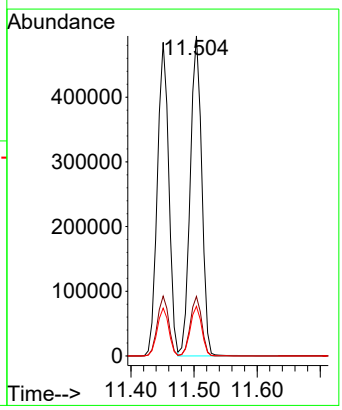


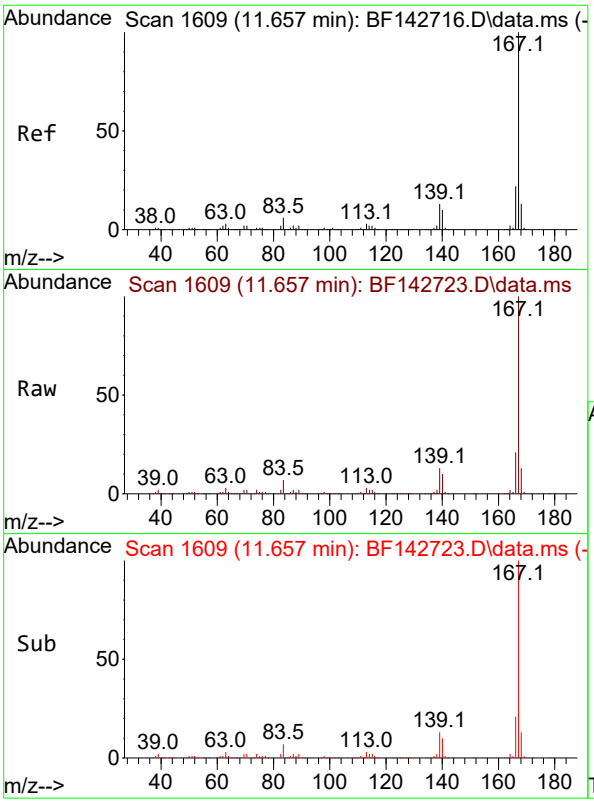


#72
Anthracene
Concen: 38.603 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



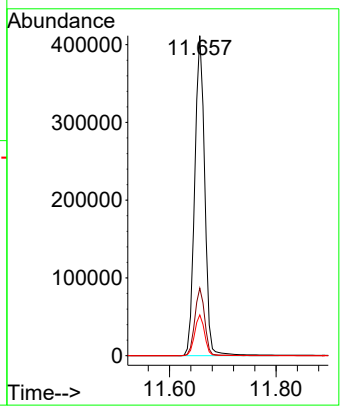


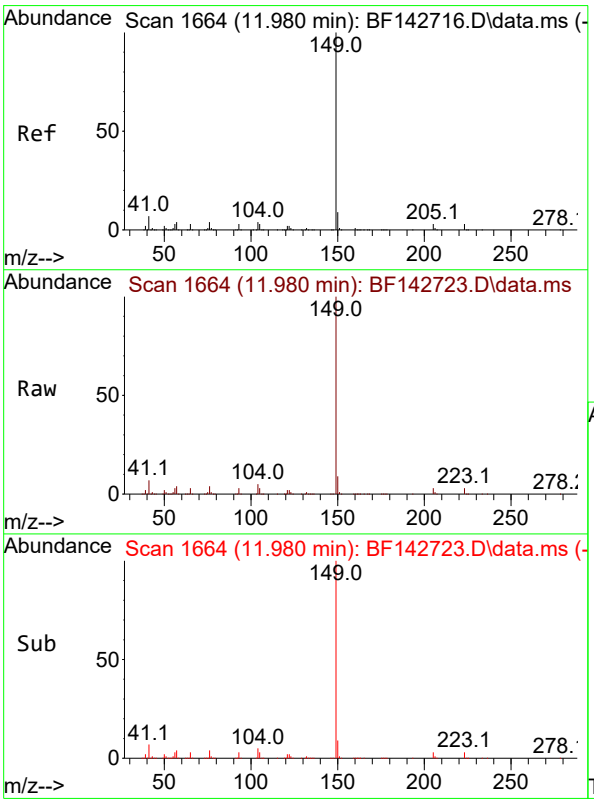
#73
Carbazole
Concen: 39.681 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

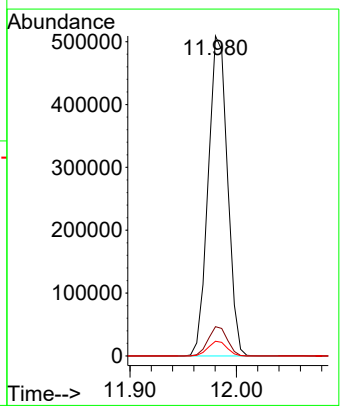


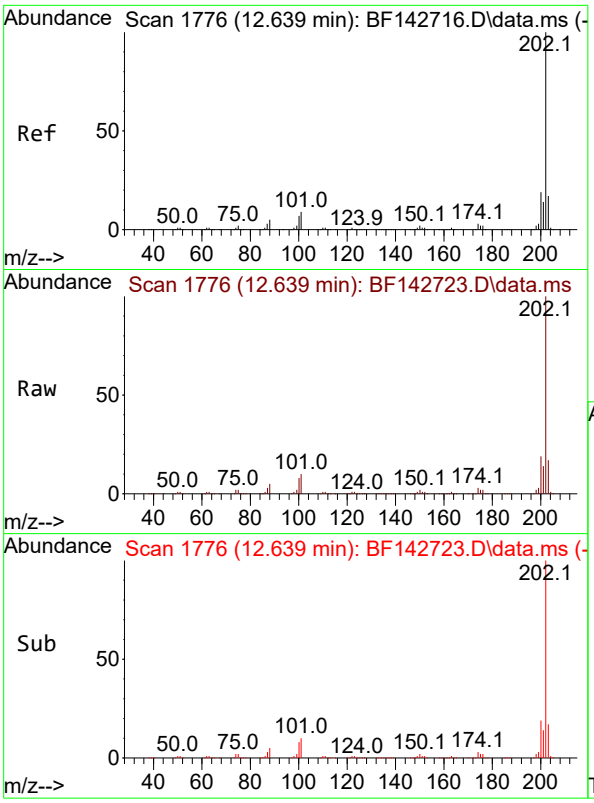


#74
Di-n-butylphthalate
Concen: 42.505 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



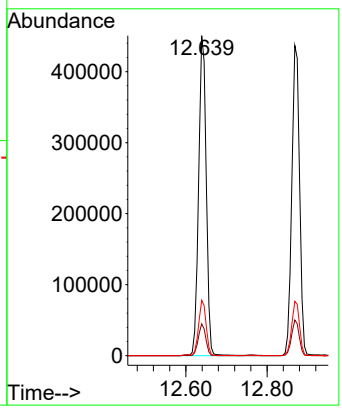


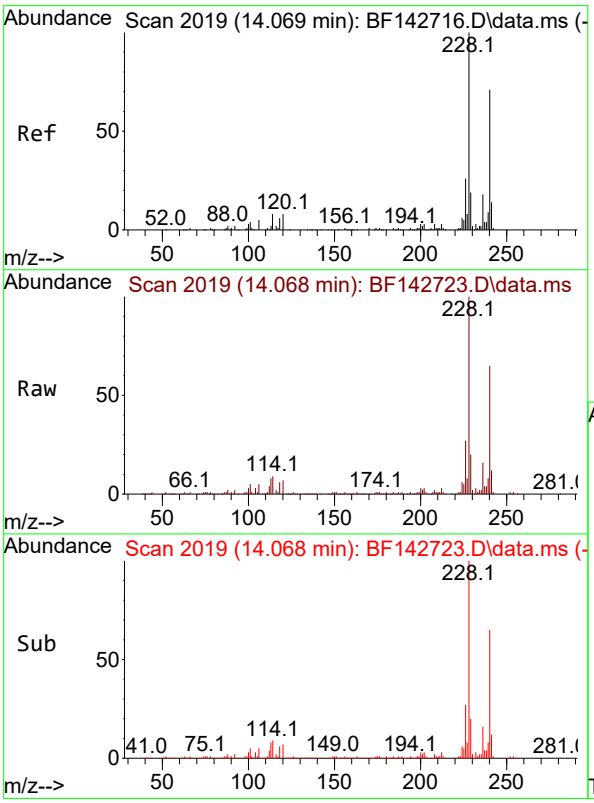
#75
Fluoranthene
Concen: 39.918 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

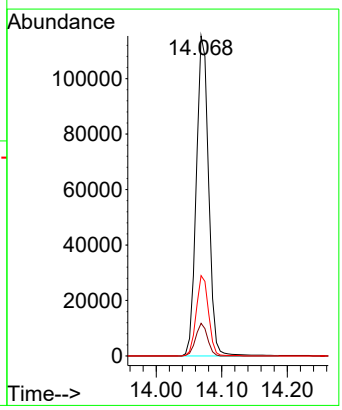


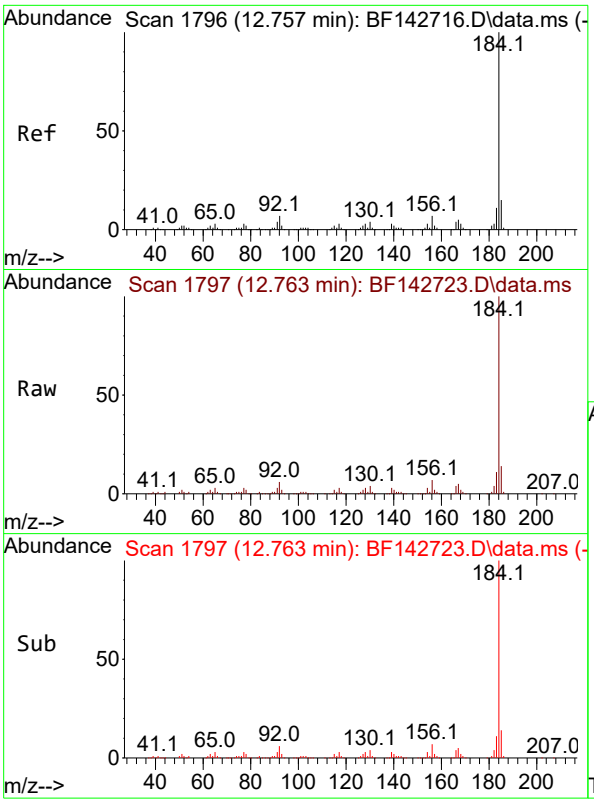


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



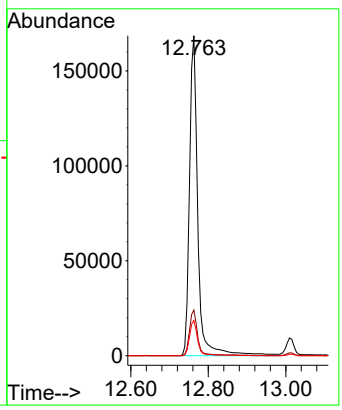


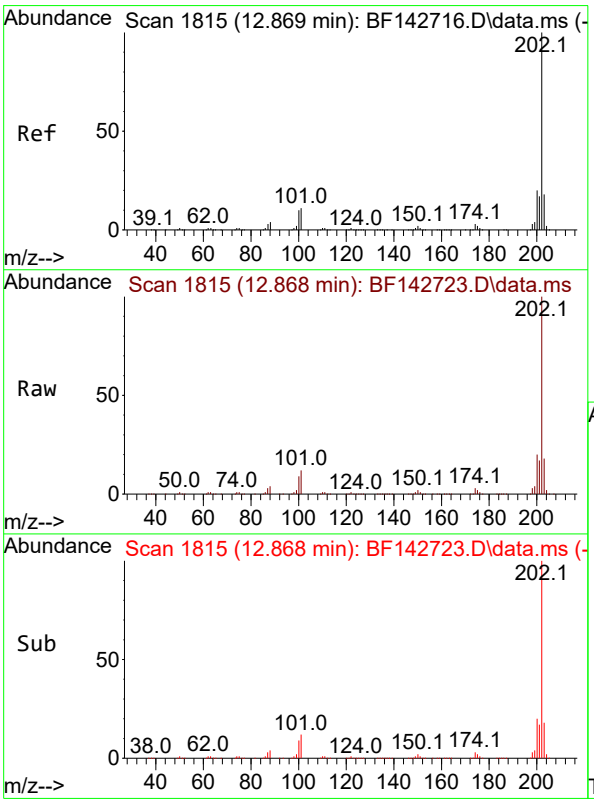
#77
Benzidine
Concen: 46.769 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

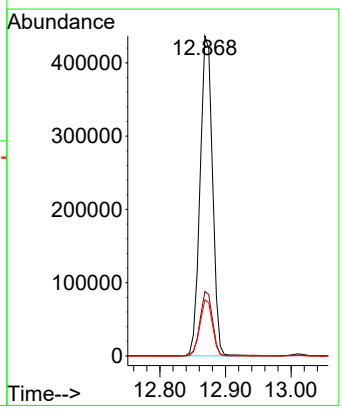


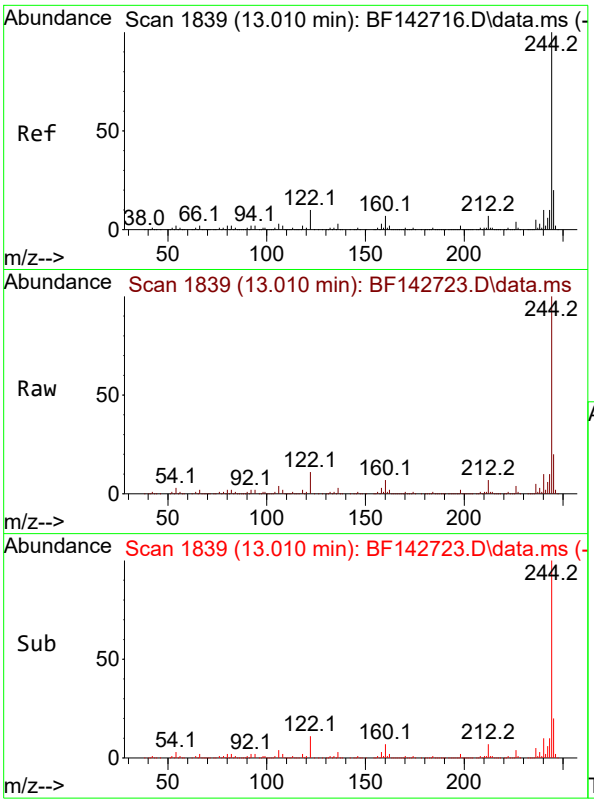


#78
Pyrene
Concen: 40.985 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



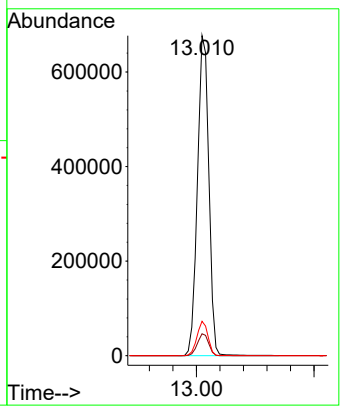


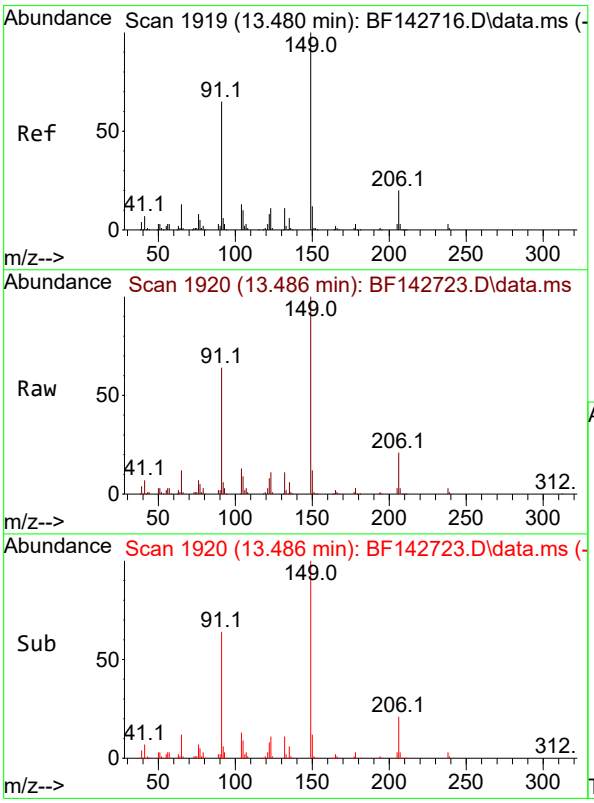
#79
Terphenyl-d14
Concen: 82.504 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

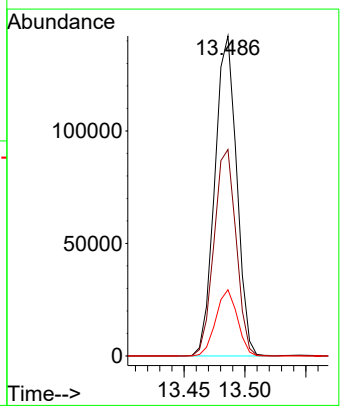


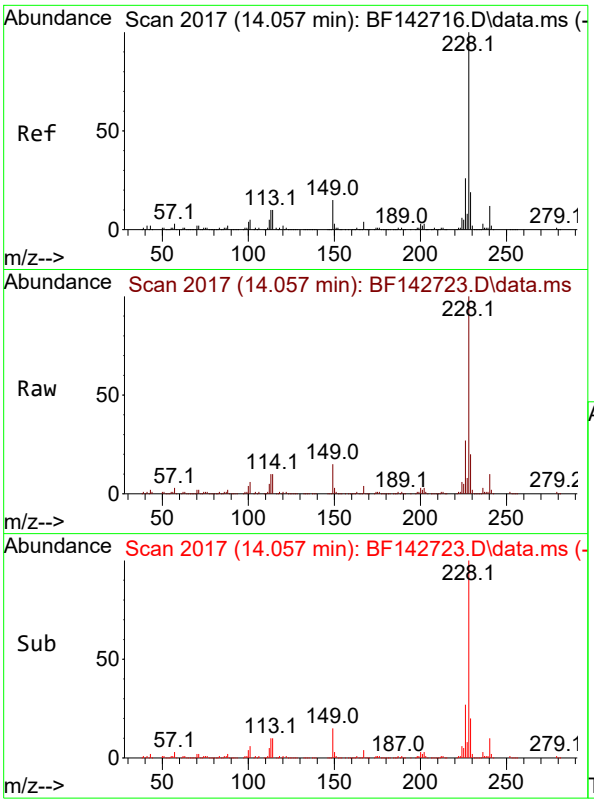


#80
Butylbenzylphthalate
Concen: 42.848 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



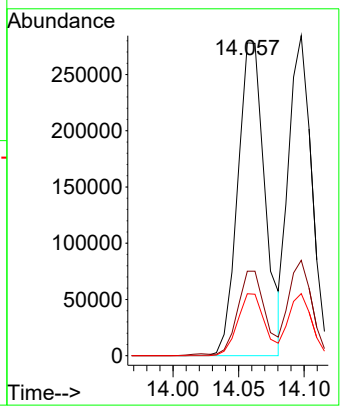


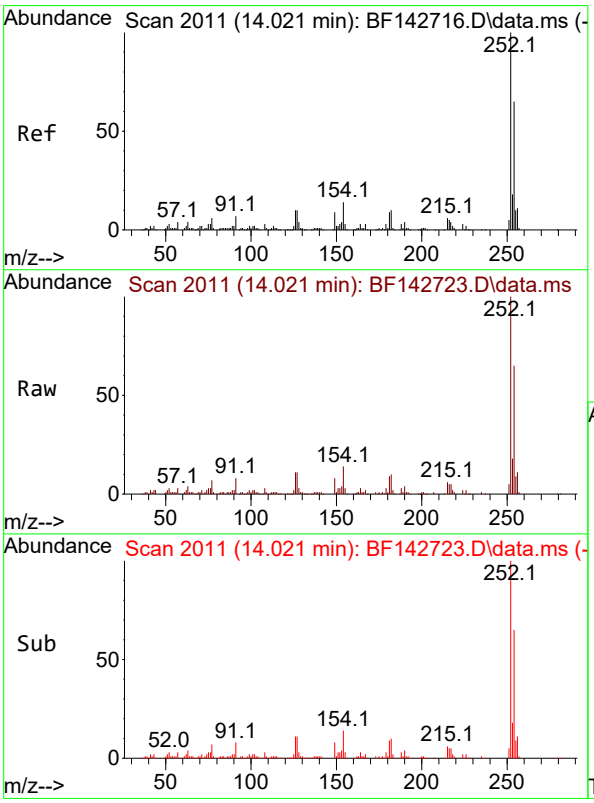
#81
Benzo(a)anthracene
Concen: 40.146 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

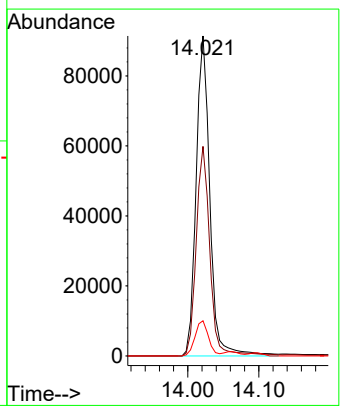


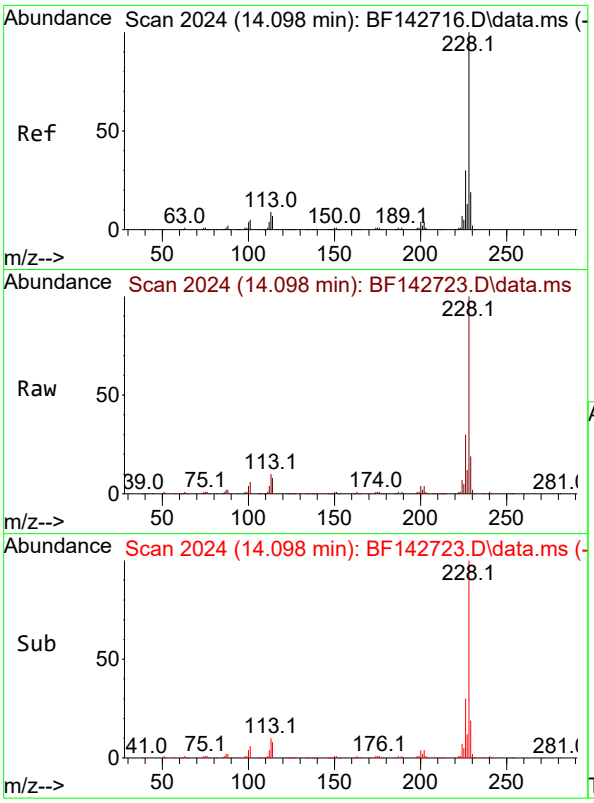


#82
3,3'-Dichlorobenzidine
Concen: 38.074 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



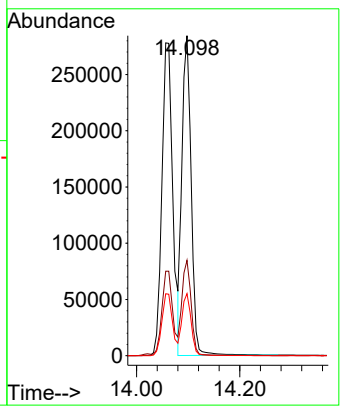


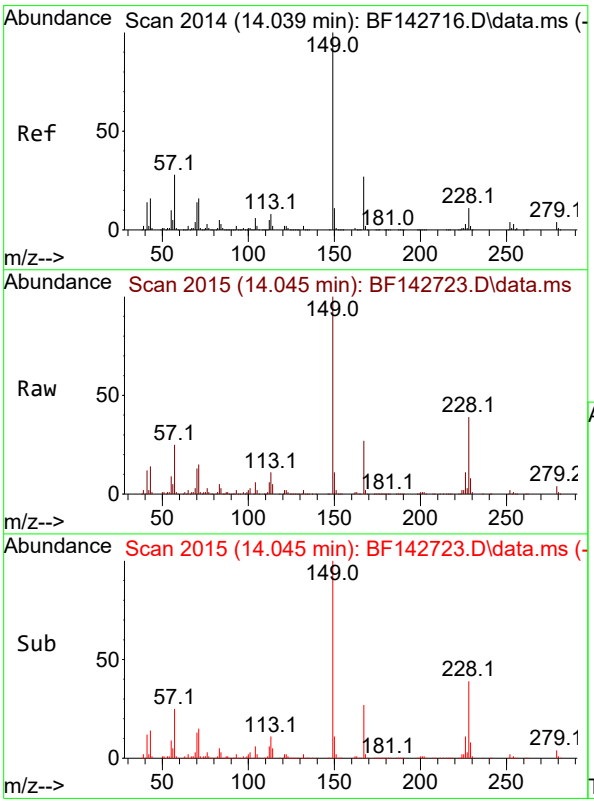
#83
Chrysene
Concen: 38.175 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

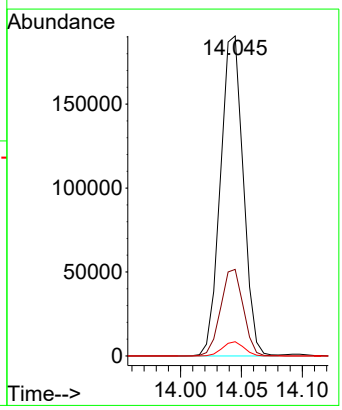


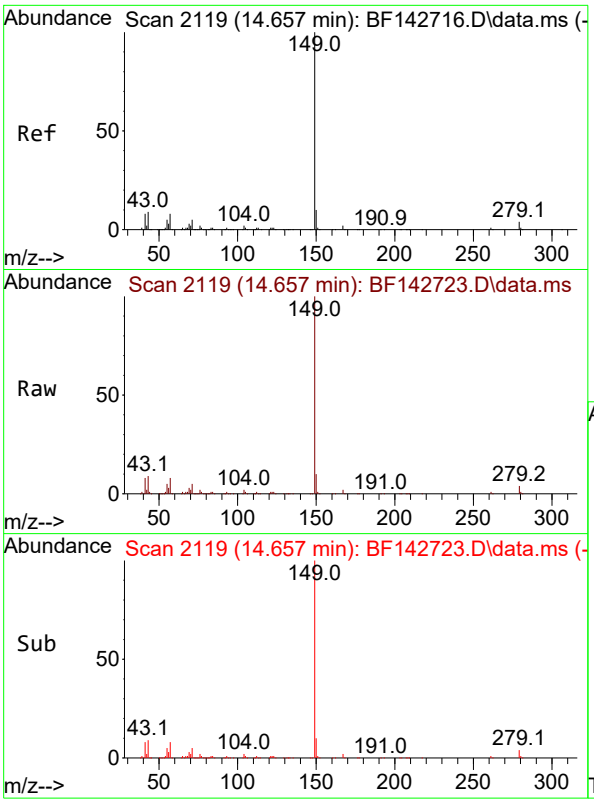


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.812 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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#



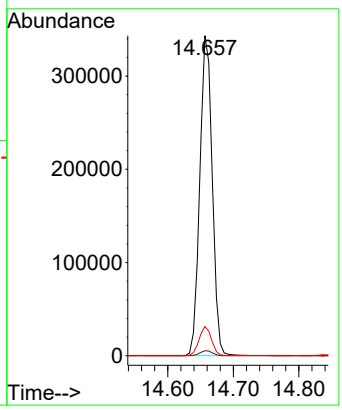


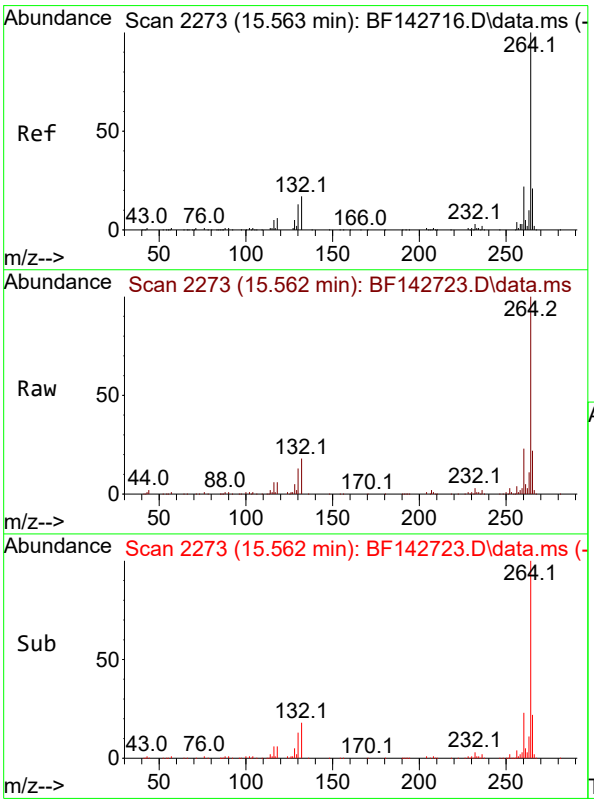
#85
Di-n-octyl phthalate
Concen: 37.906 ng
RT: 14.657 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

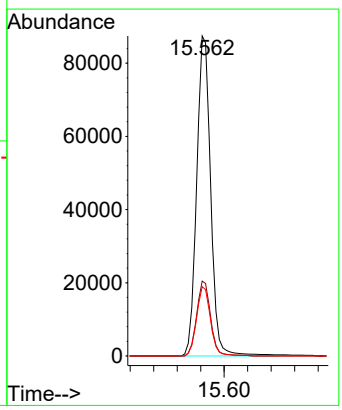


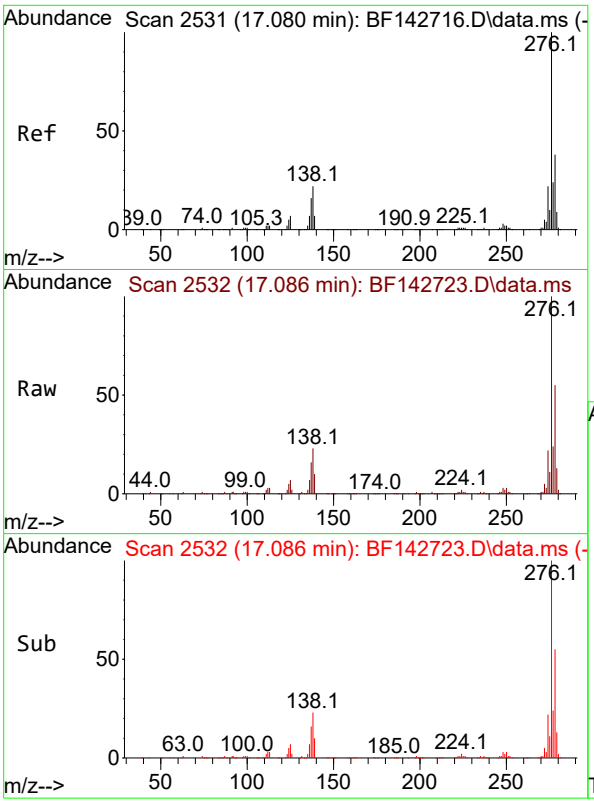


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



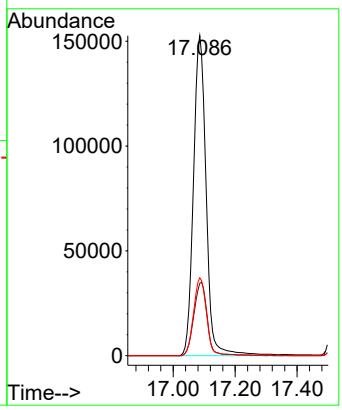


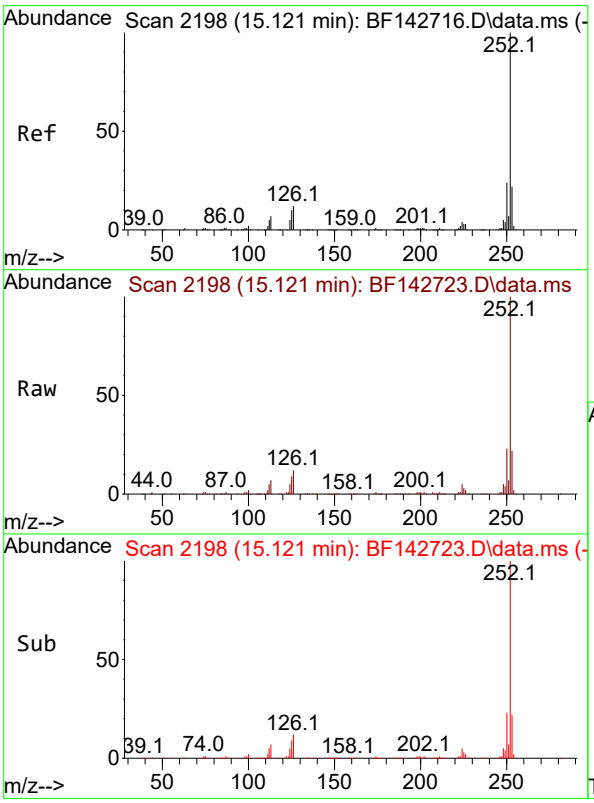
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.517 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

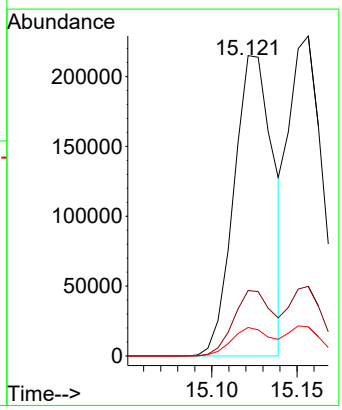


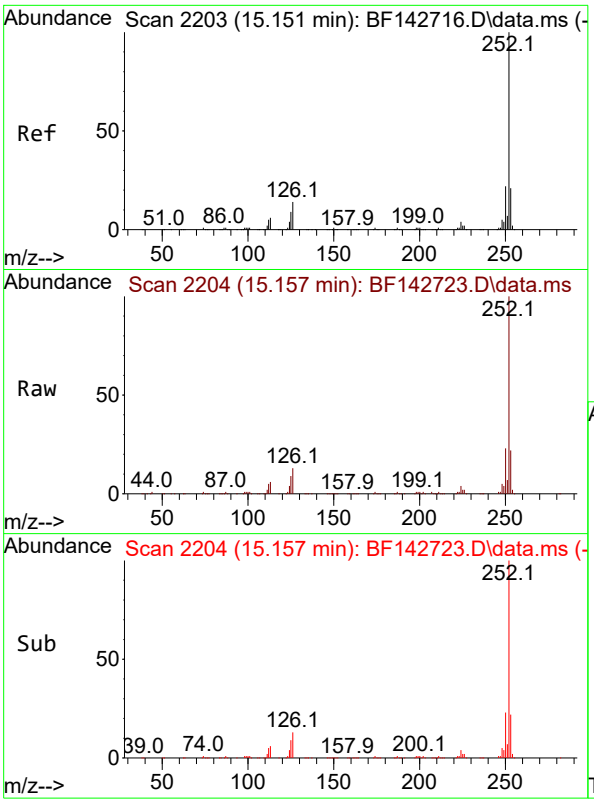


#88
Benzo(b)fluoranthene
Concen: 40.478 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



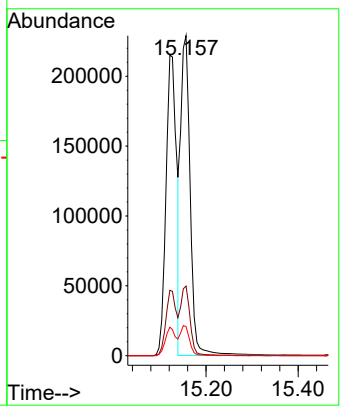


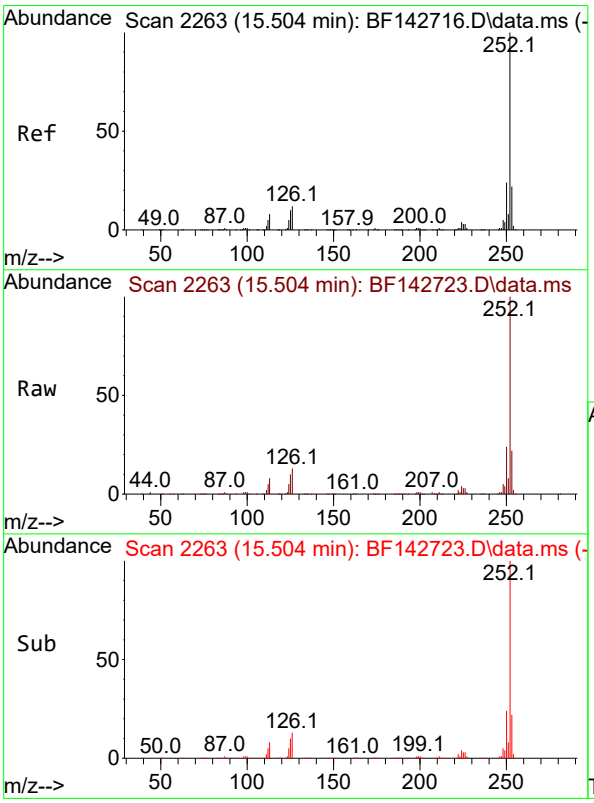
#89
Benzo(k)fluoranthene
Concen: 39.633 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

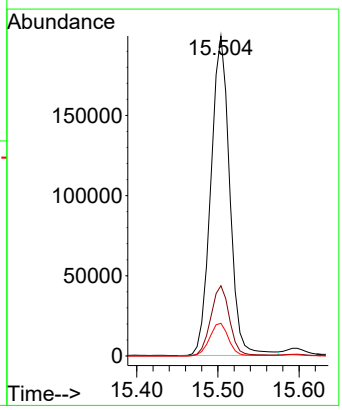


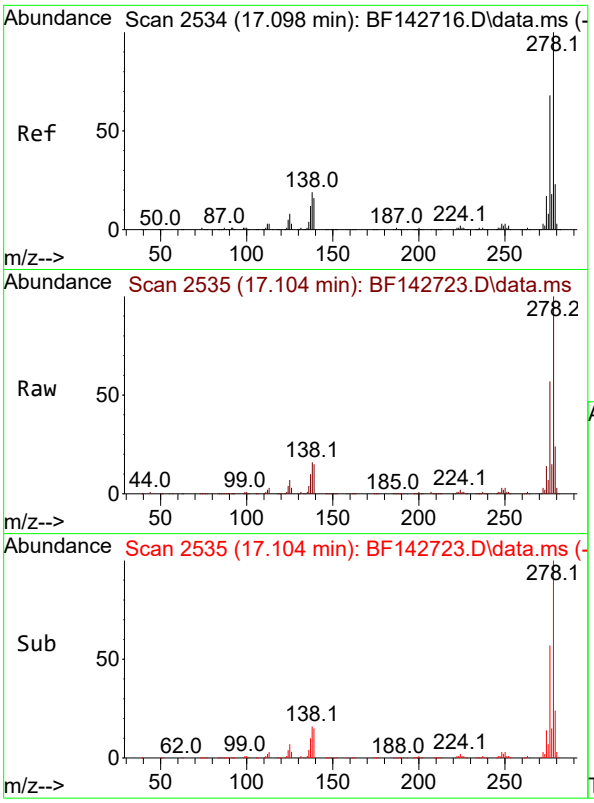


#90
Benzo(a)pyrene
Concen: 39.716 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



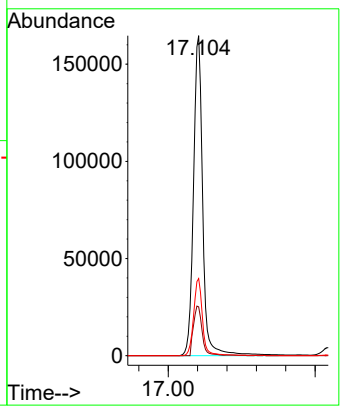


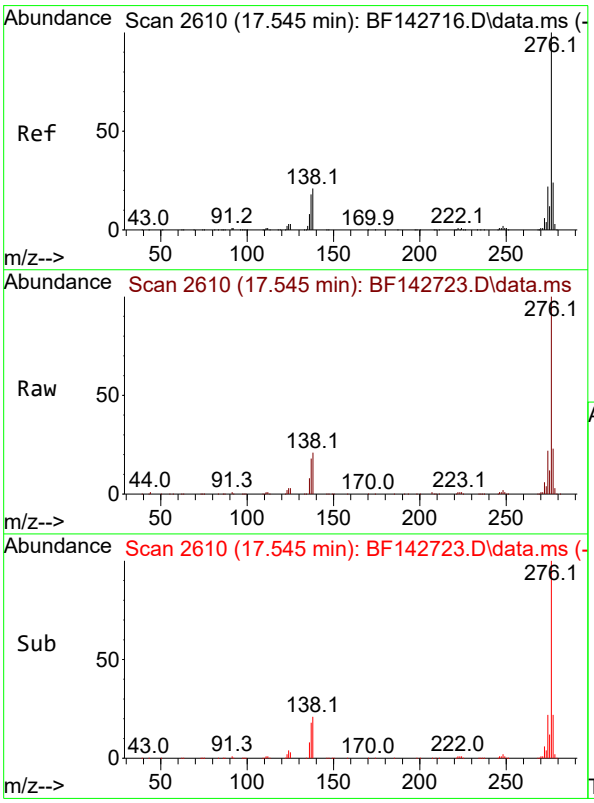
#91
Dibenzo(a,h)anthracene
Concen: 41.000 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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

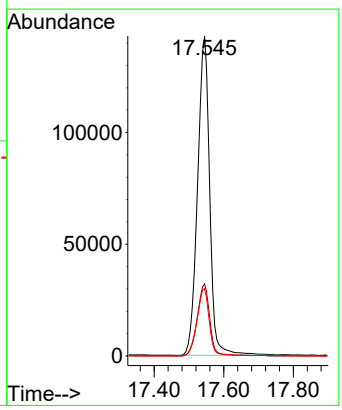




#92
Benzo(g,h,i)perylene
Concen: 39.753 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142723.D
Acq: 11 Jun 2025 09:24

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



Sample Results: **BF142723.D**

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

Sample Results: **BF142723.D**

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

Sample Results: **BF142723.D**

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

Sample Results: **BF142723.D**

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

Sample Results: **BF142723.D**

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

Sample Results: **BF142723.D**

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

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: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_P Calibration Date/Time: 06/11/2025 10:09

Lab File ID: BP024905.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.226		2.3	
Phenol-d6	1.585	1.563		-1.4	
Nitrobenzene-d5	0.412	0.408		-1.0	
Naphthalene	1.025	1.019		-0.6	
2-Methylnaphthalene	0.650	0.650		0.0	
2-Fluorobiphenyl	1.485	1.486		0.1	
2,4,6-Tribromophenol	0.277	0.297		7.2	
Terphenyl-d14	1.116	1.127		1.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	246136	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	989564	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	627529	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1260453	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1315011	20.000	ng	0.02
86) Perylene-d12	24.765	264	1615997	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1207197	81.868	ng	0.00
7) Phenol-d6	6.813	99	1539147	78.890	ng	0.00
23) Nitrobenzene-d5	8.760	82	1616528	79.380	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	744280	85.787	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3730785	80.089	ng	0.00
79) Terphenyl-d14	19.795	244	5928363	80.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	249603	38.470	ng	98
3) Pyridine	3.561	79	613204	39.299	ng	99
4) n-Nitrosodimethylamine	3.478	42	236223	37.030	ng	100
6) Aniline	6.949	93	986559	39.624	ng	100
8) 2-Chlorophenol	7.184	128	672031	40.202	ng	99
9) Benzaldehyde	6.766	77	461055	40.999	ng	98
10) Phenol	6.843	94	796427	39.598	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	622493	39.351	ng	99
12) 1,3-Dichlorobenzene	7.496	146	738443	39.599	ng	99
13) 1,4-Dichlorobenzene	7.643	146	753634	40.053	ng	99
14) 1,2-Dichlorobenzene	7.955	146	717837	38.851	ng	100
15) Benzyl Alcohol	7.854	79	591711	39.517	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	777842	37.568	ng	98
17) 2-Methylphenol	8.072	107	547337	38.970	ng	98
18) Hexachloroethane	8.666	117	270232	38.147	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	503832	37.987	ng	99
20) 3+4-Methylphenols	8.396	107	731367	38.168	ng	98
22) Acetophenone	8.425	105	993180	39.725	ng	98
24) Nitrobenzene	8.802	77	710650	39.281	ng	99
25) Isophorone	9.325	82	1382123	39.161	ng	99
26) 2-Nitrophenol	9.507	139	376475	42.176	ng	99
27) 2,4-Dimethylphenol	9.584	122	618700	40.499	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	823520	39.116	ng	99
29) 2,4-Dichlorophenol	10.054	162	607676	41.456	ng	100
30) 1,2,4-Trichlorobenzene	10.248	180	652750	39.481	ng	97
31) Naphthalene	10.431	128	2016456	39.763	ng	100
32) Benzoic acid	9.760	122	398782	38.628	ng	98
33) 4-Chloroaniline	10.548	127	853082	40.152	ng	99
34) Hexachlorobutadiene	10.707	225	409067	41.052	ng	100
35) Caprolactam	11.354	113	219778	40.732	ng	91
36) 4-Chloro-3-methylphenol	11.707	107	676300	40.000	ng	100
37) 2-Methylnaphthalene	12.048	142	1285853	39.974	ng	100
38) 1-Methylnaphthalene	12.272	142	1360077	39.548	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	719293	40.395	ng	99
41) Hexachlorocyclopentadiene	12.395	237	397925	36.639	ng	97
43) 2,4,6-Trichlorophenol	12.684	196	494628	41.363	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

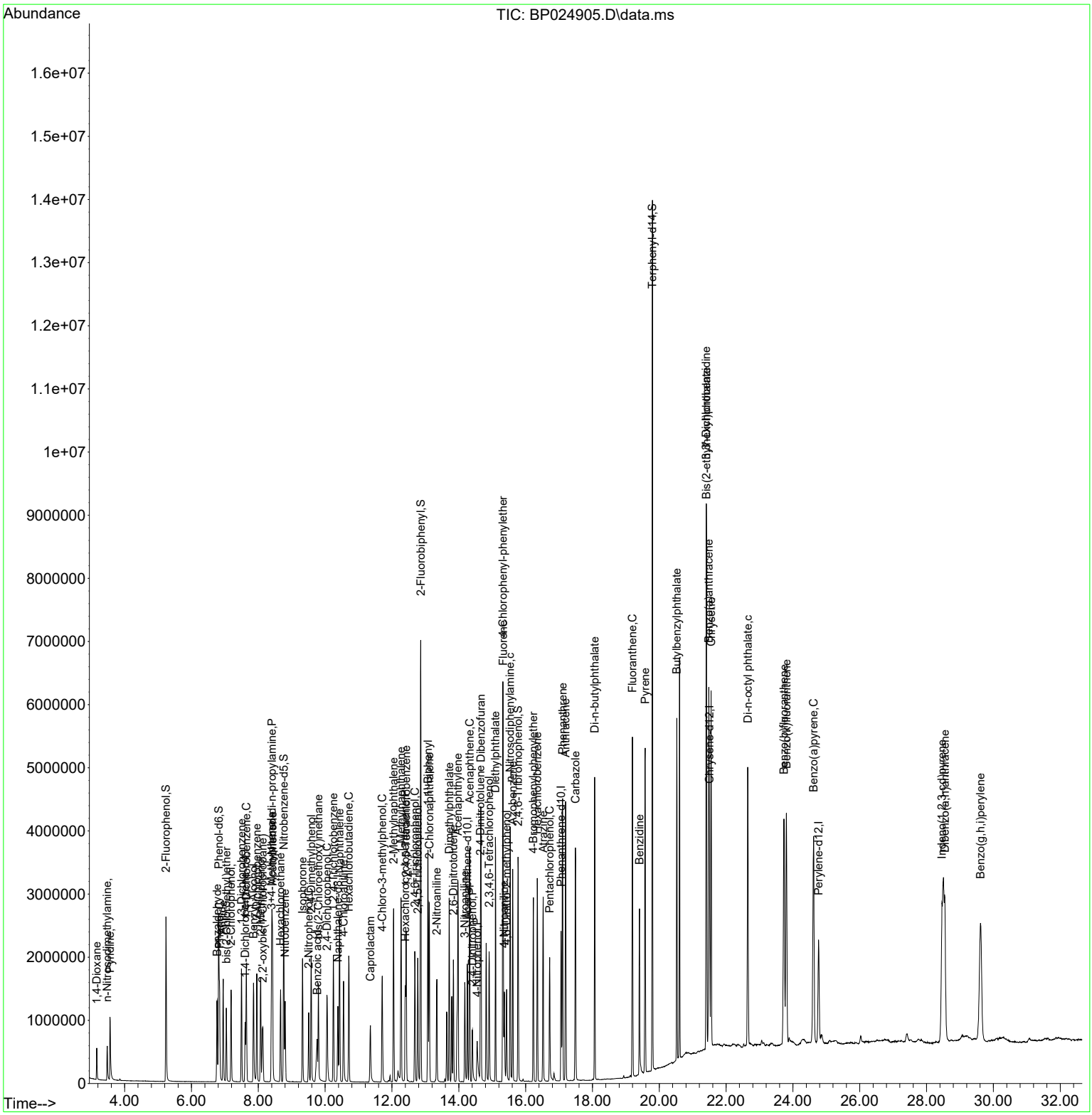
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	541954	42.319	ng	98
46) 1,1'-Biphenyl	13.078	154	1847020	40.501	ng	99
47) 2-Chloronaphthalene	13.119	162	1398495	39.900	ng	100
48) 2-Nitroaniline	13.342	65	436114	40.472	ng	92
49) Acenaphthylene	13.972	152	2323098	39.751	ng	99
50) Dimethylphthalate	13.713	163	1840509	39.759	ng	100
51) 2,6-Dinitrotoluene	13.837	165	398160	39.898	ng	97
52) Acenaphthene	14.325	154	1314718	39.258	ng	99
53) 3-Nitroaniline	14.178	138	441466	42.628	ng	100
54) 2,4-Dinitrophenol	14.407	184	232675	38.879	ng	96
55) Dibenzofuran	14.660	168	2123910	39.510	ng	98
56) 4-Nitrophenol	14.548	139	297103	37.005	ng	97
57) 2,4-Dinitrotoluene	14.648	165	577757	41.387	ng	96
58) Fluorene	15.325	166	1740983	40.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	470984	41.162	ng	98
60) Diethylphthalate	15.095	149	1889671	40.960	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	858578	40.436	ng	94
62) 4-Nitroaniline	15.360	138	423858m	45.138	ng	
63) Azobenzene	15.613	77	1685754	39.841	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	334304	40.364	ng	99
66) n-Nitrosodiphenylamine	15.536	169	1519439	38.892	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	576944	40.567	ng	98
68) Hexachlorobenzene	16.348	284	689883	40.014	ng	99
69) Atrazine	16.525	200	570932	40.312	ng	99
70) Pentachlorophenol	16.719	266	396935	44.484	ng	98
71) Phenanthrene	17.107	178	2671101	38.348	ng	99
72) Anthracene	17.195	178	2790378	39.555	ng	100
73) Carbazole	17.489	167	2596337	39.707	ng	100
74) Di-n-butylphthalate	18.066	149	3332590	41.136	ng	100
75) Fluoranthene	19.195	202	3176954	39.352	ng	100
77) Benzidine	19.407	184	1526422	37.479	ng	99
78) Pyrene	19.577	202	3267308	39.770	ng	100
80) Butylbenzylphthalate	20.524	149	1602182	42.576	ng	97
81) Benzo(a)anthracene	21.483	228	3356654	39.910	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1407141	42.142	ng	98
83) Chrysene	21.548	228	3125590	39.221	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2343390	43.464	ng	99
85) Di-n-octyl phthalate	22.648	149	4039619	42.508	ng	99
87) Indeno(1,2,3-cd)pyrene	28.459	276	4697757m	39.843	ng	
88) Benzo(b)fluoranthene	23.730	252	3598152	38.906	ng	99
89) Benzo(k)fluoranthene	23.807	252	3633530	38.597	ng	99
90) Benzo(a)pyrene	24.618	252	3548573	39.290	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	3870485	40.329	ng	99
92) Benzo(g,h,i)perylene	29.612	276	3723270	39.100	ng	99

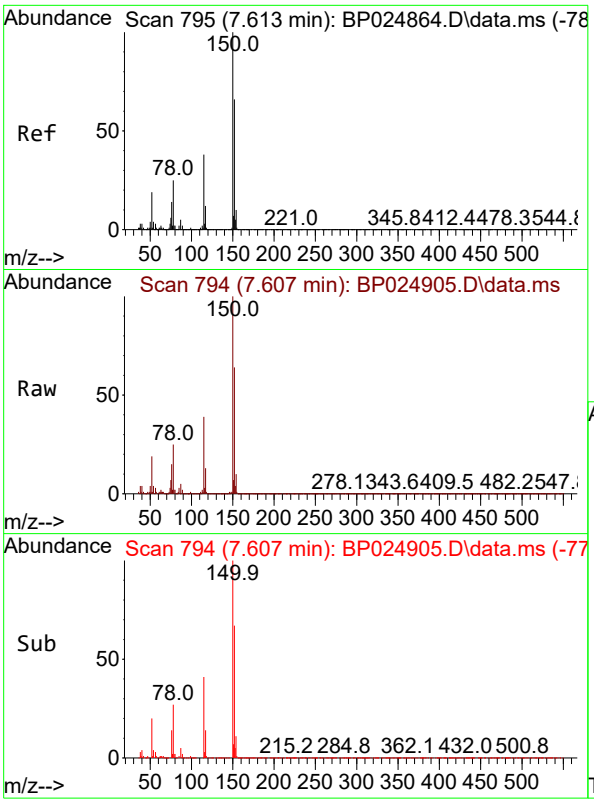
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



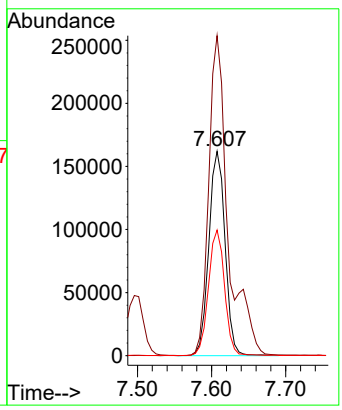


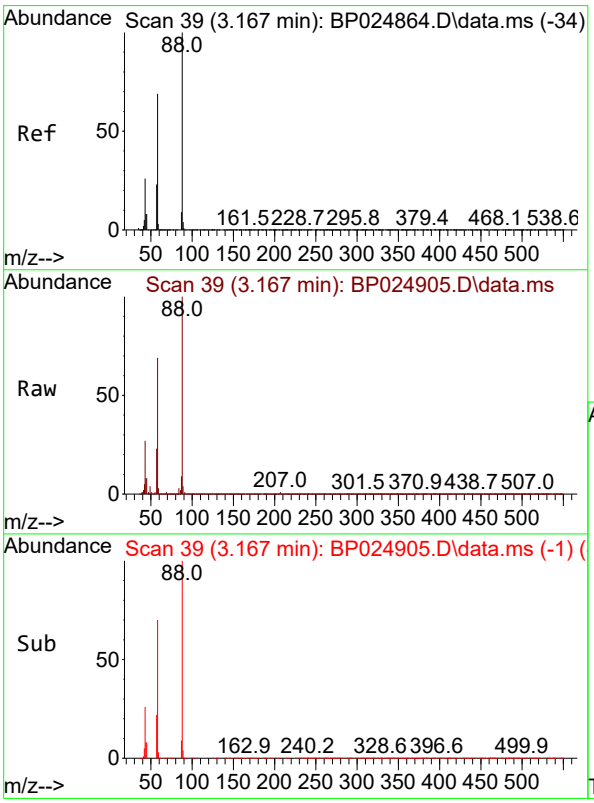
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 246136

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.1	183.1
115	61.4	46.4	69.6

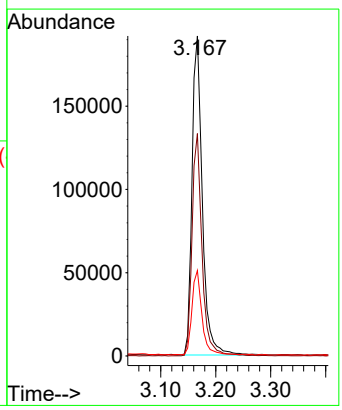


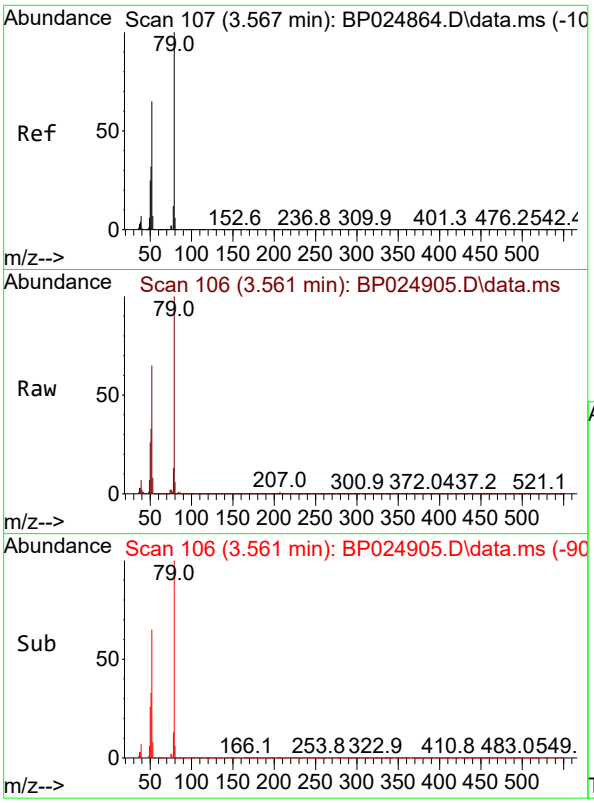


#2
1,4-Dioxane
Concen: 38.470 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 88 Resp: 249603

Ion	Ratio	Lower	Upper
88	100		
58	67.0	55.4	83.0
43	26.0	20.8	31.2



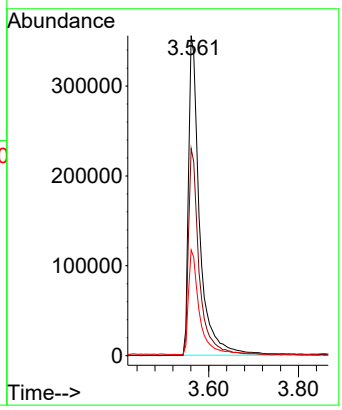


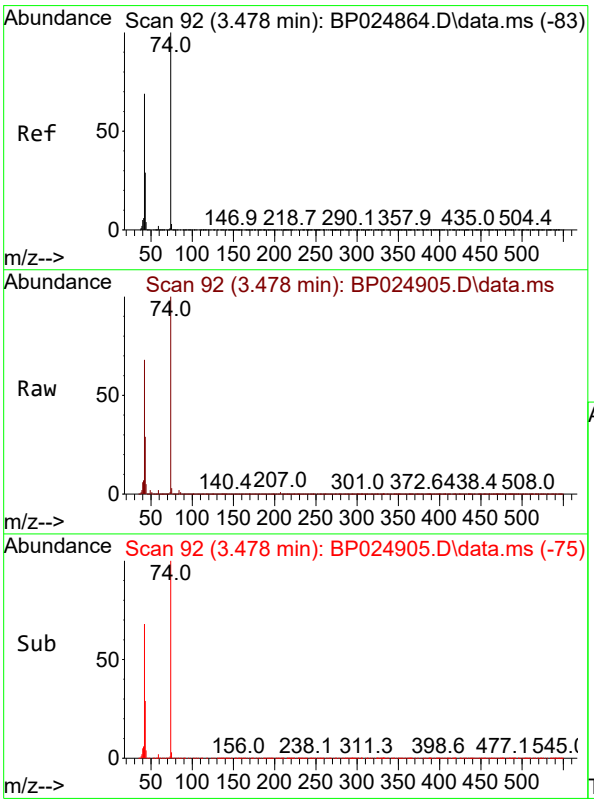
#3
Pyridine
Concen: 39.299 ng
RT: 3.561 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 613204

Ion	Ratio	Lower	Upper
79	100		
52	64.7	51.6	77.4
51	33.1	25.5	38.3

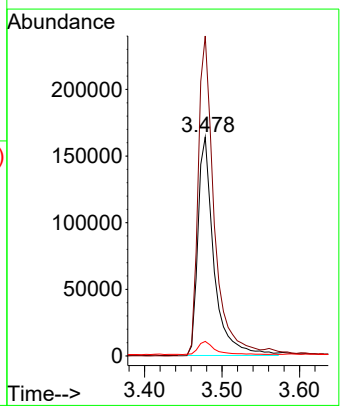


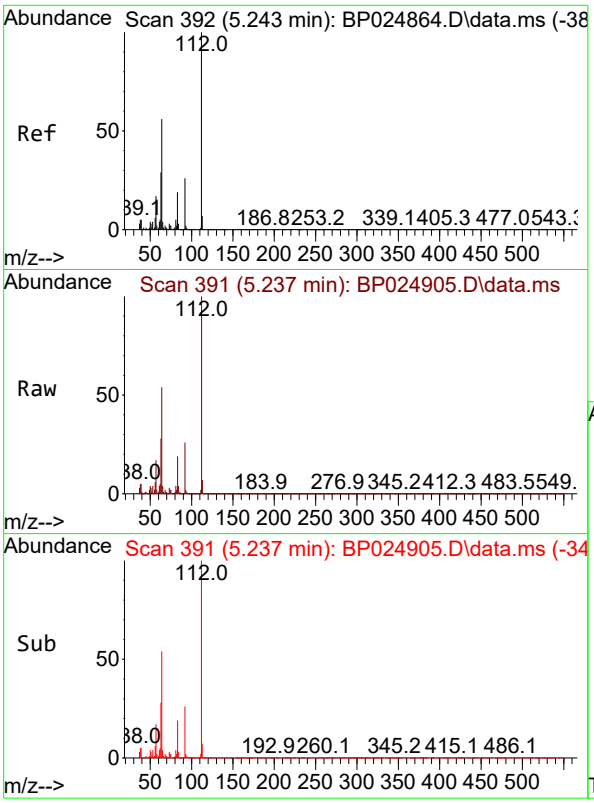


#4
n-Nitrosodimethylamine
Concen: 37.030 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 42 Resp: 236223

Ion	Ratio	Lower	Upper
42	100		
74	146.2	116.6	174.8
44	6.6	5.4	8.0



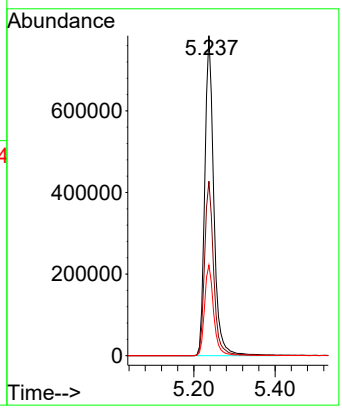


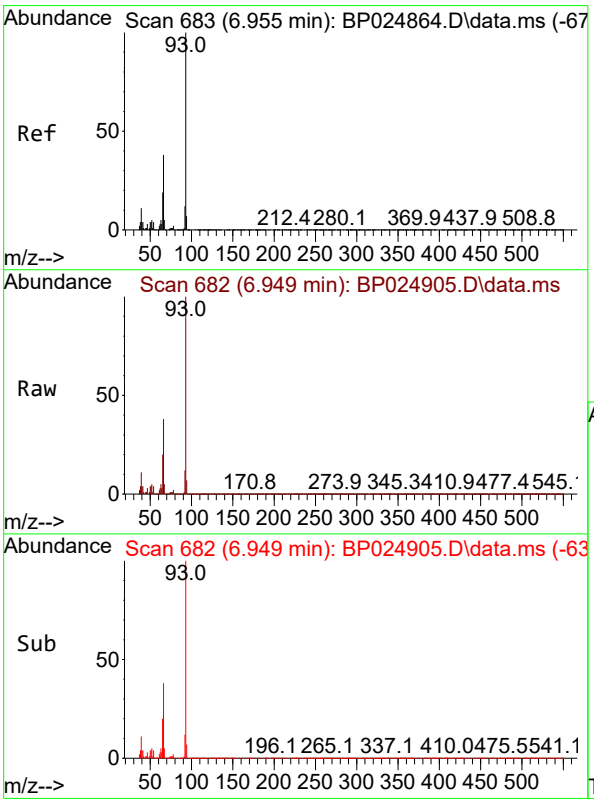
#5
2-Fluorophenol
Concen: 81.868 ng
RT: 5.237 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1207197

Ion	Ratio	Lower	Upper
112	100		
64	54.5	44.7	67.1
63	28.3	23.5	35.3

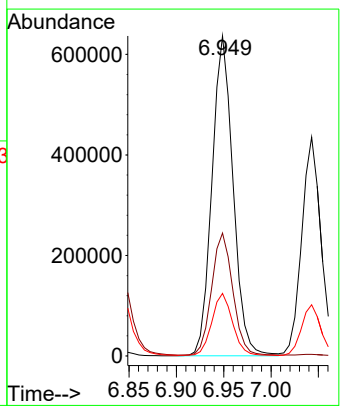


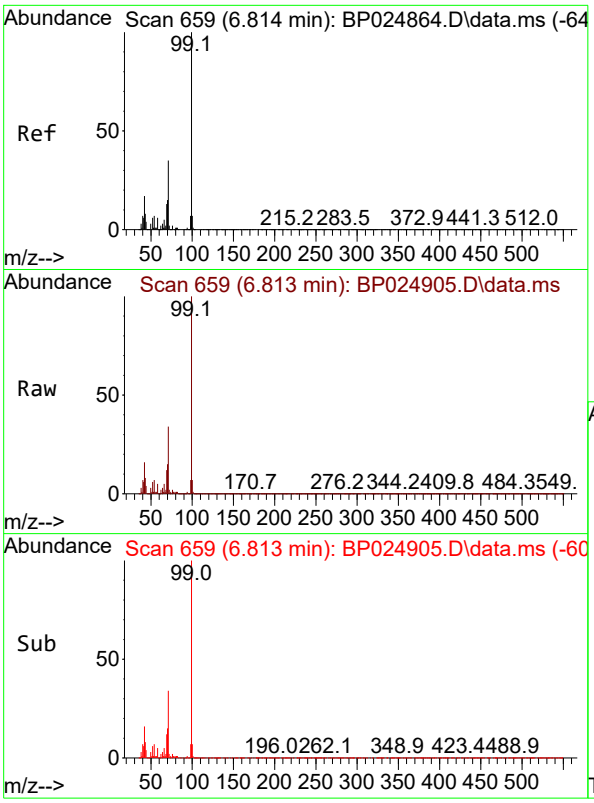


#6
Aniline
Concen: 39.624 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 93 Resp: 986559

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.9	46.3
65	19.5	15.5	23.3



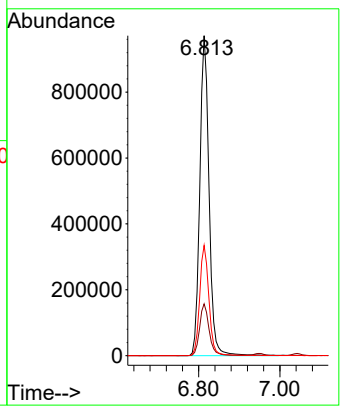


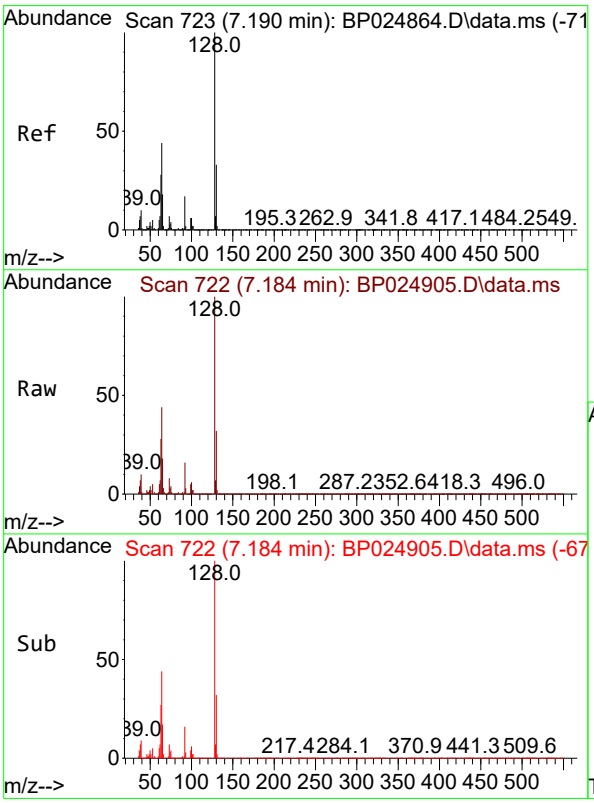
#7
Phenol-d6
Concen: 78.890 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1539147

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.2
71	34.4	27.6	41.4

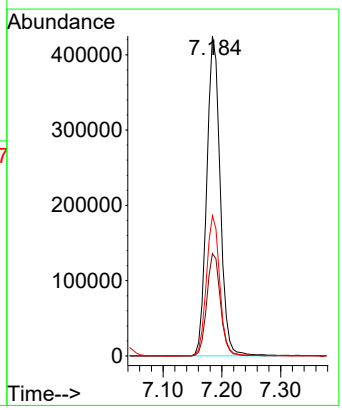


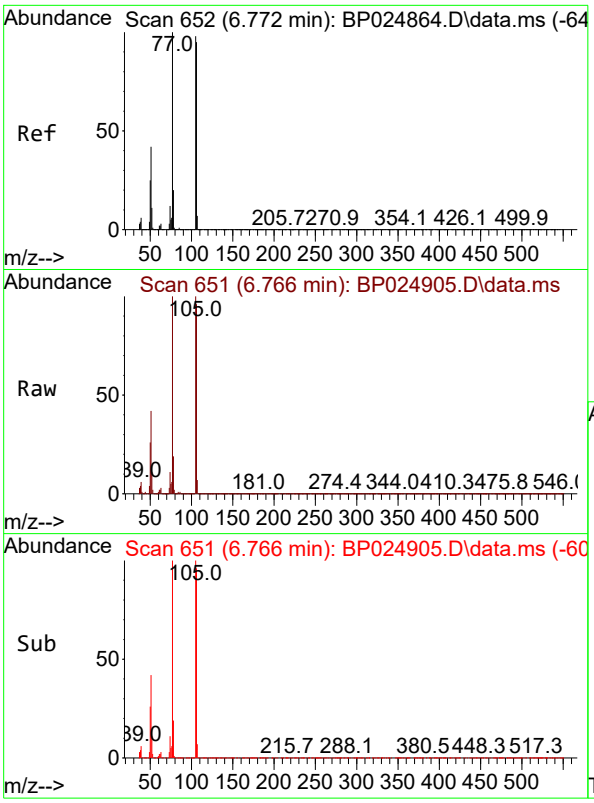


#8
2-Chlorophenol
Concen: 40.202 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:128 Resp: 672031

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	43.8	24.1	64.1



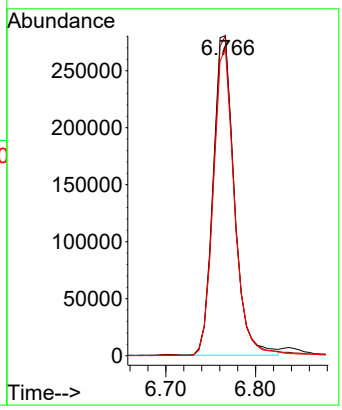


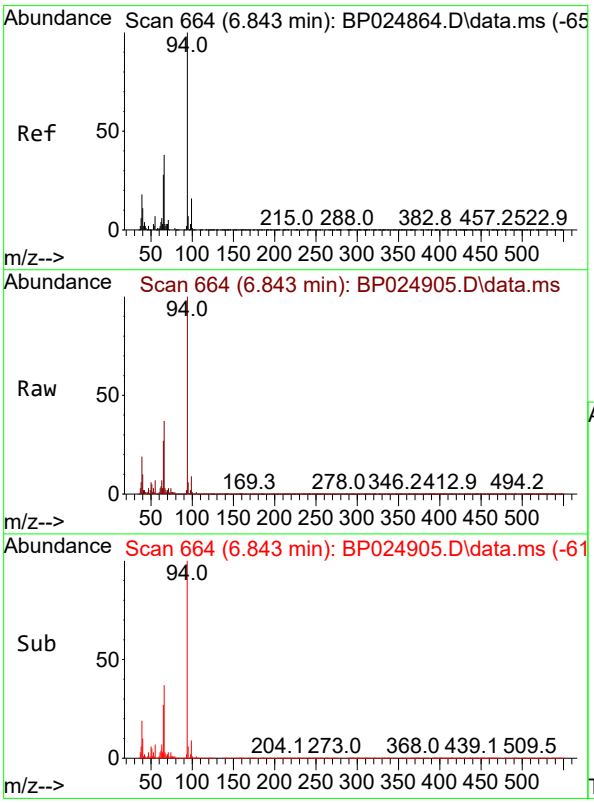
#9
Benzaldehyde
Concen: 40.999 ng
RT: 6.766 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 461055

Ion	Ratio	Lower	Upper
77	100		
105	99.9	77.7	117.7
106	95.9	74.8	114.8

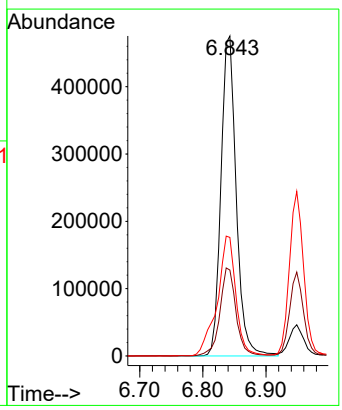


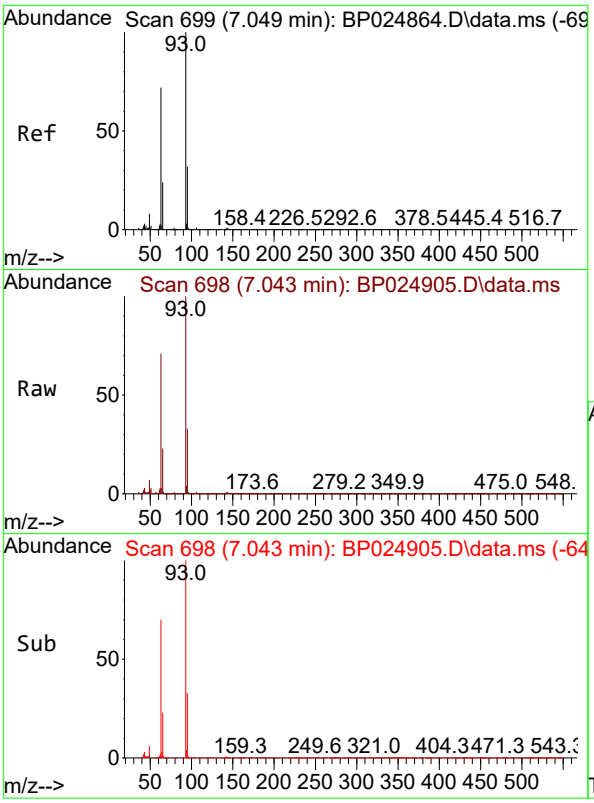


#10
Phenol
Concen: 39.598 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 94 Resp: 796427

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.3	48.3
66	37.1	18.2	58.2



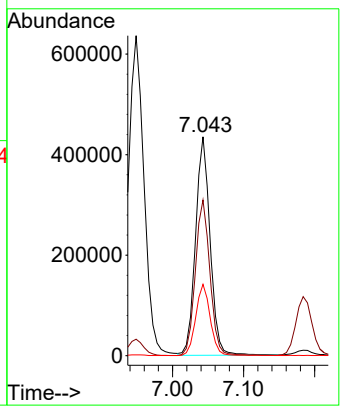


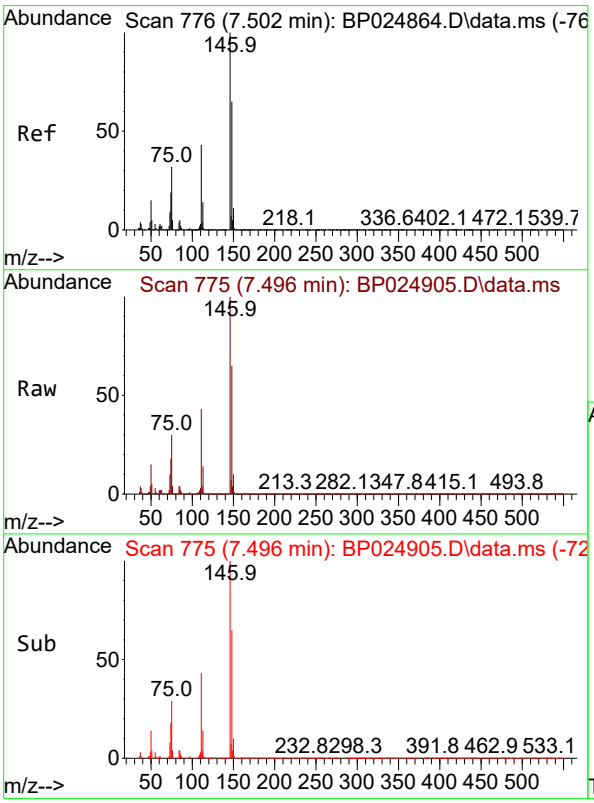
#11
bis(2-Chloroethyl)ether
Concen: 39.351 ng
RT: 7.043 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 622493

Ion	Ratio	Lower	Upper
93	100		
63	71.1	51.6	91.6
95	32.6	12.1	52.1

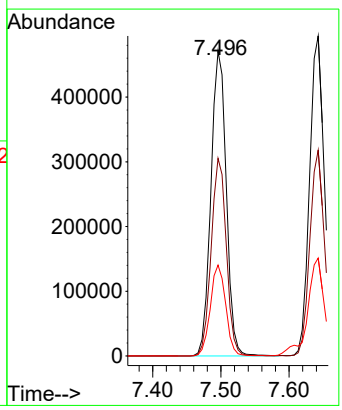


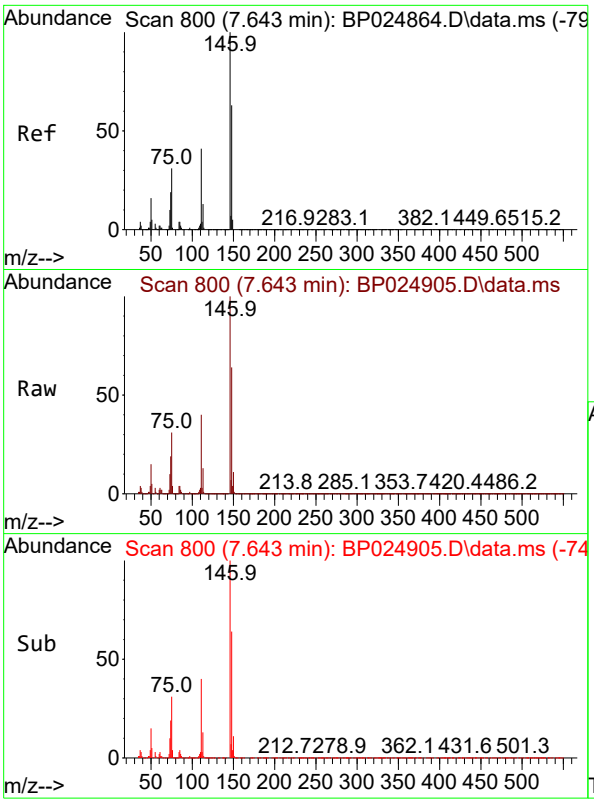


#12
1,3-Dichlorobenzene
Concen: 39.599 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:146 Resp: 738443

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	29.8	25.3	37.9



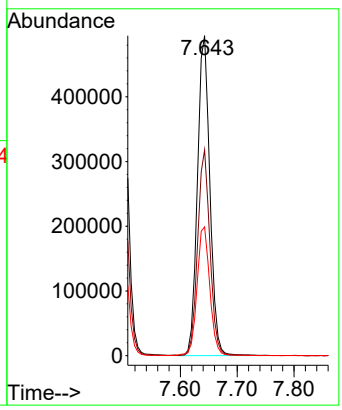


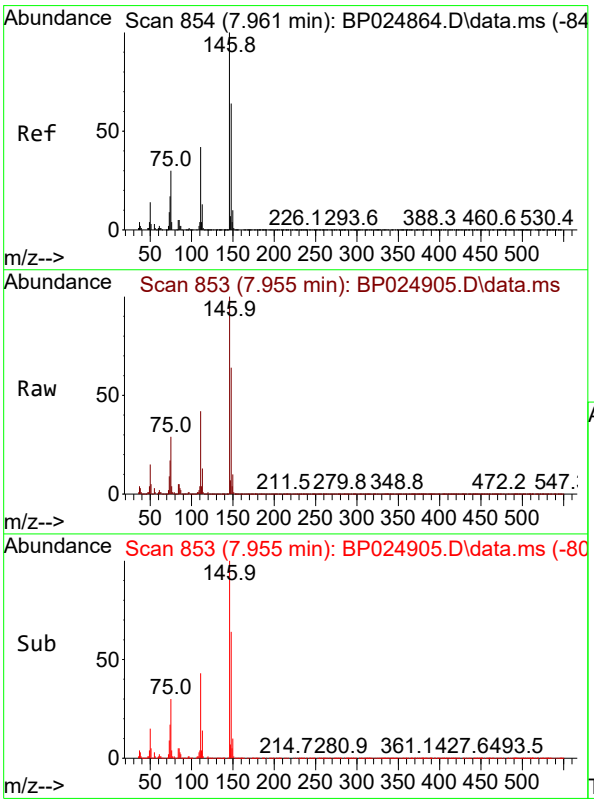
#13
1,4-Dichlorobenzene
Concen: 40.053 ng
RT: 7.643 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 753634

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.3	32.7	49.1

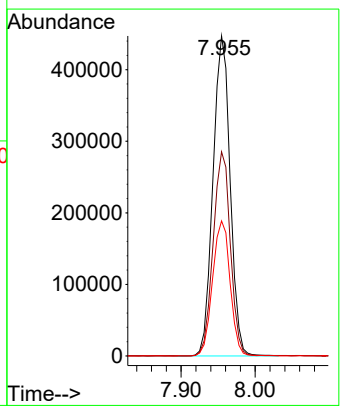


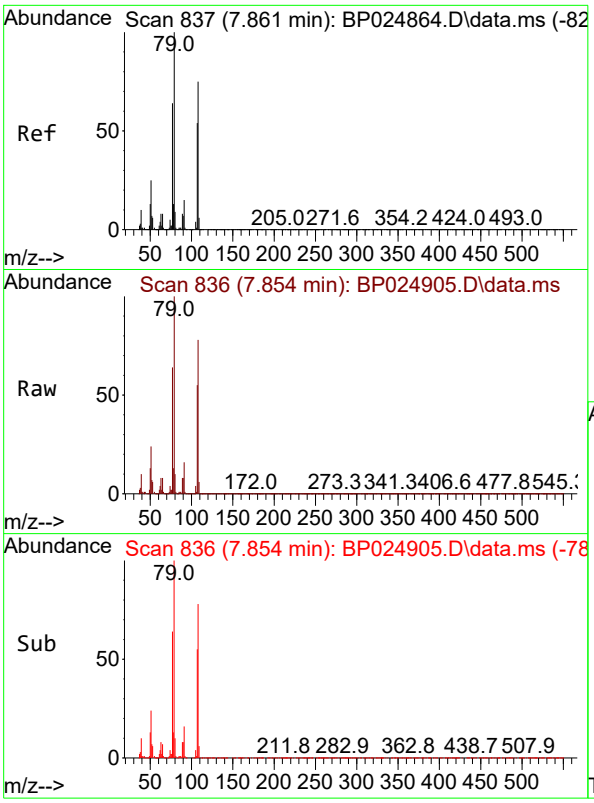


#14
1,2-Dichlorobenzene
Concen: 38.851 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:146 Resp: 717837

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	42.2	33.8	50.8



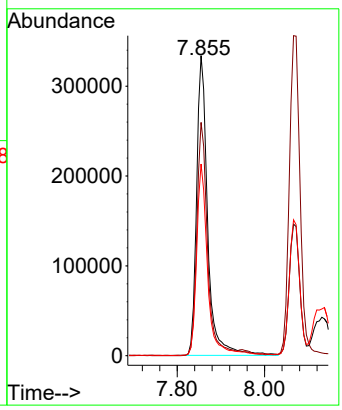


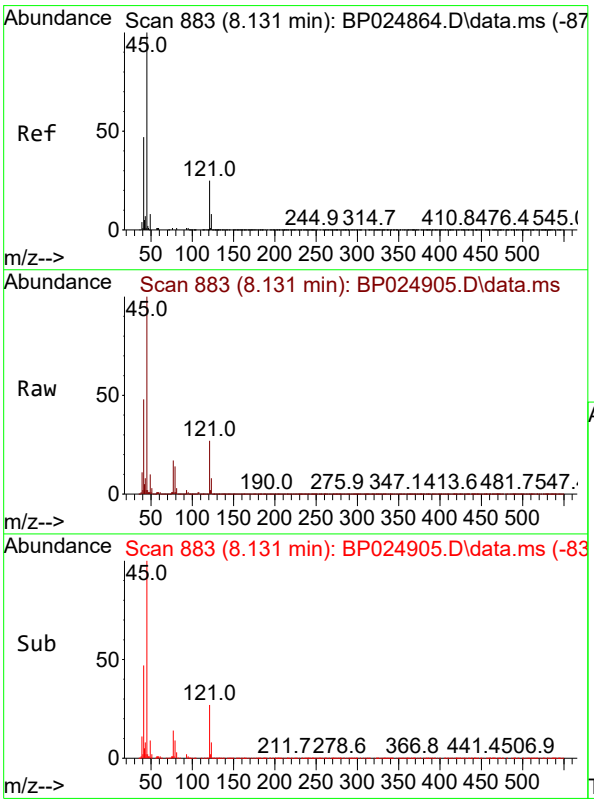
#15
Benzyl Alcohol
Concen: 39.517 ng
RT: 7.854 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 591711

Ion	Ratio	Lower	Upper
79	100		
108	77.8	60.2	90.4
77	63.9	51.2	76.8

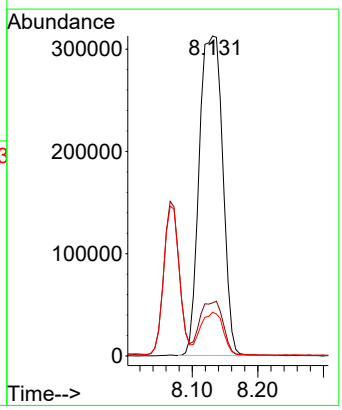


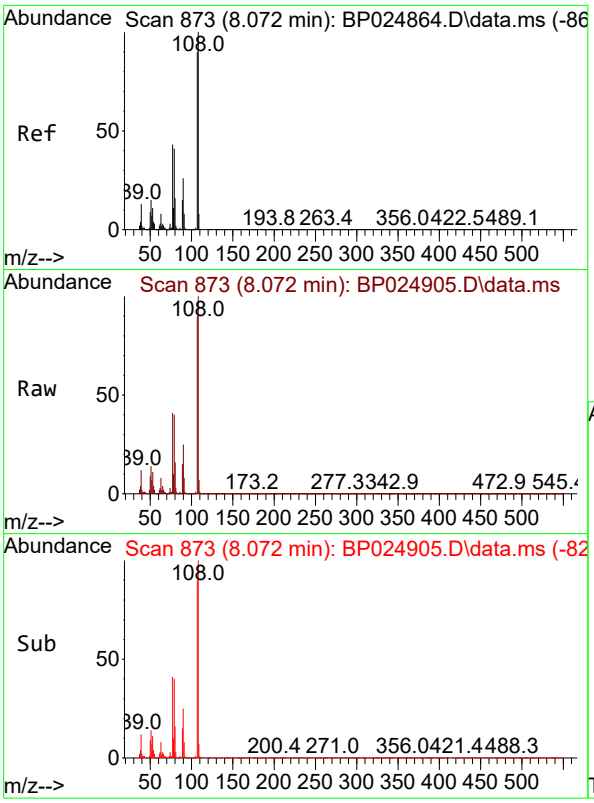


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.568 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 45 Resp: 777842

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.3
79	13.6	0.0	32.2



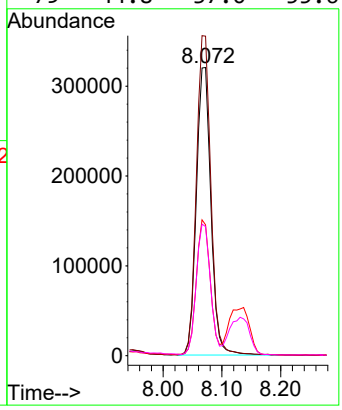


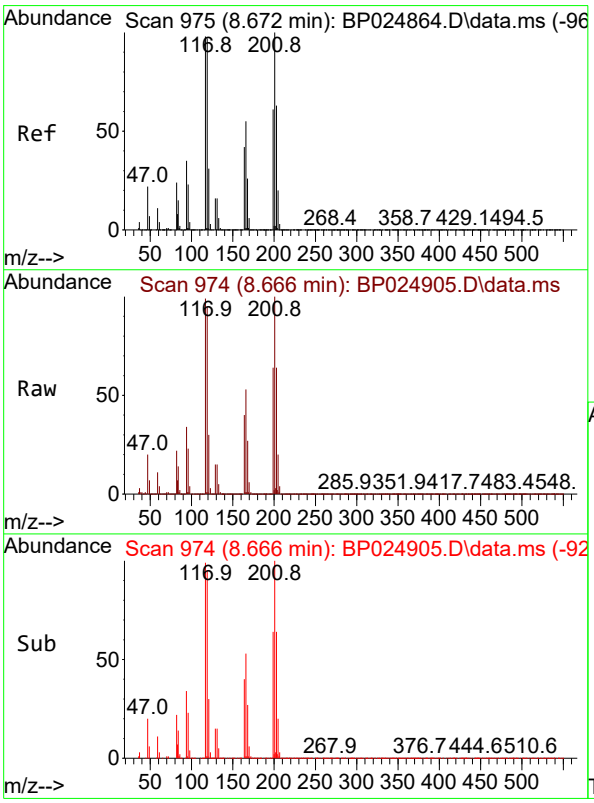
#17
2-Methylphenol
Concen: 38.970 ng
RT: 8.072 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 547337

Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.6	132.8
77	45.4	38.5	57.7
79	44.8	37.0	55.6

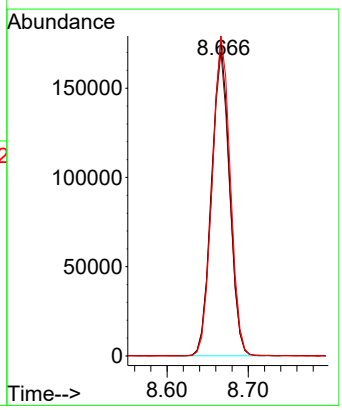


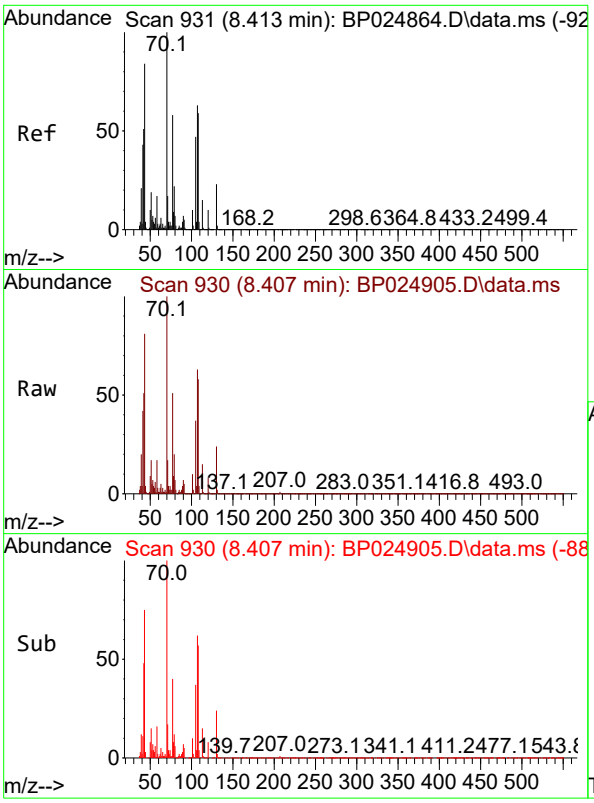


#18
Hexachloroethane
Concen: 38.147 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:117 Resp: 270232

Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.4	119.2
201	101.4	81.4	122.2



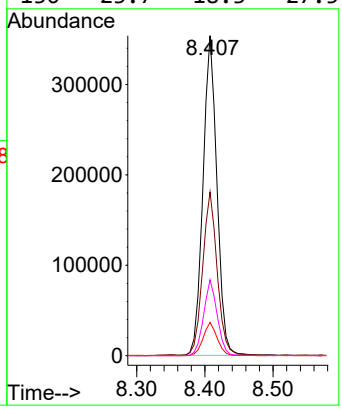


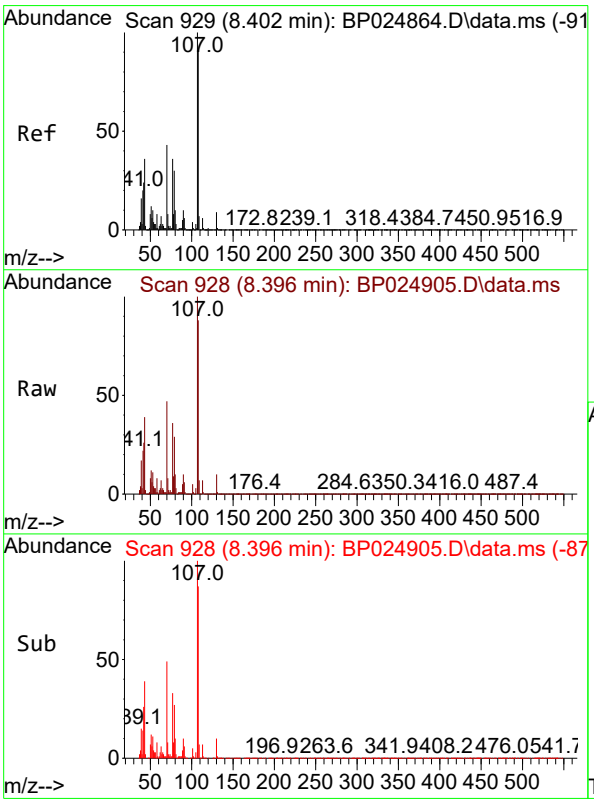
#19
n-Nitroso-di-n-propylamine
Concen: 37.987 ng
RT: 8.407 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 503832

Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.2	61.8
101	10.4	8.3	12.5
130	23.7	18.3	27.5

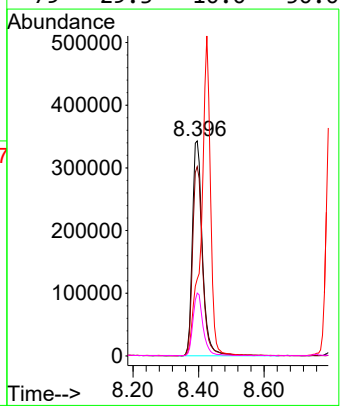


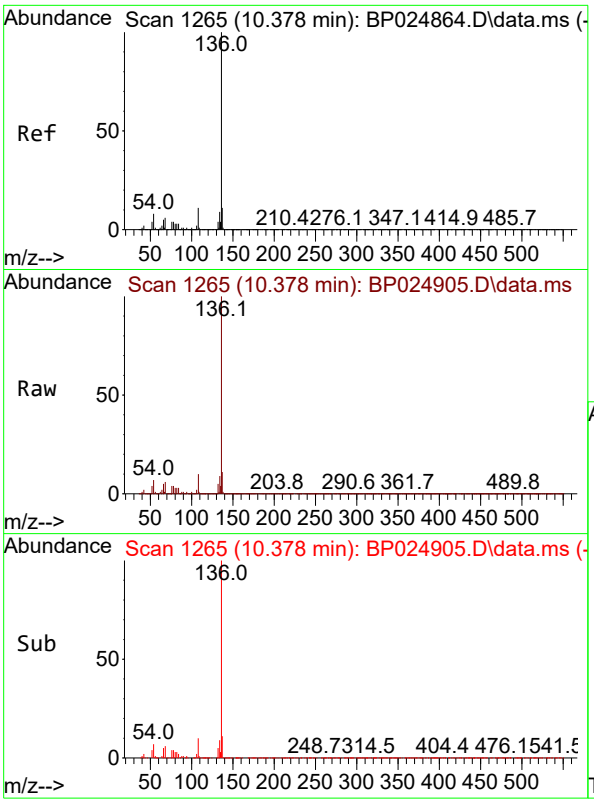


#20
3+4-Methylphenols
Concen: 38.168 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:107 Resp: 731367

Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.7	110.7
77	35.8	16.6	56.6
79	29.3	10.0	50.0



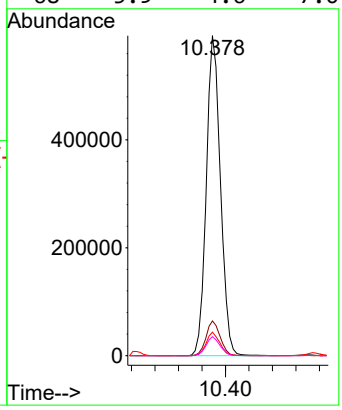


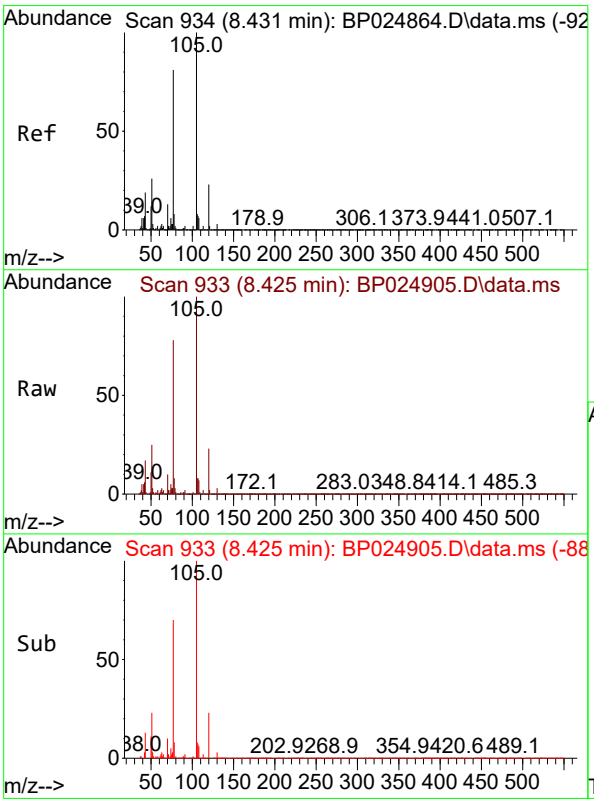
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 989564

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.1	9.1
68	5.9	4.6	7.0

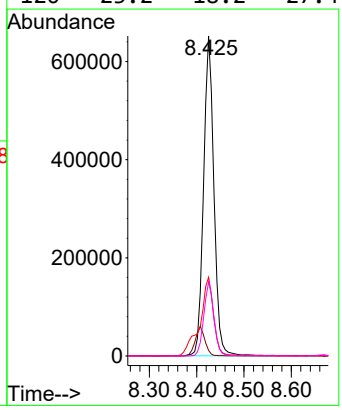


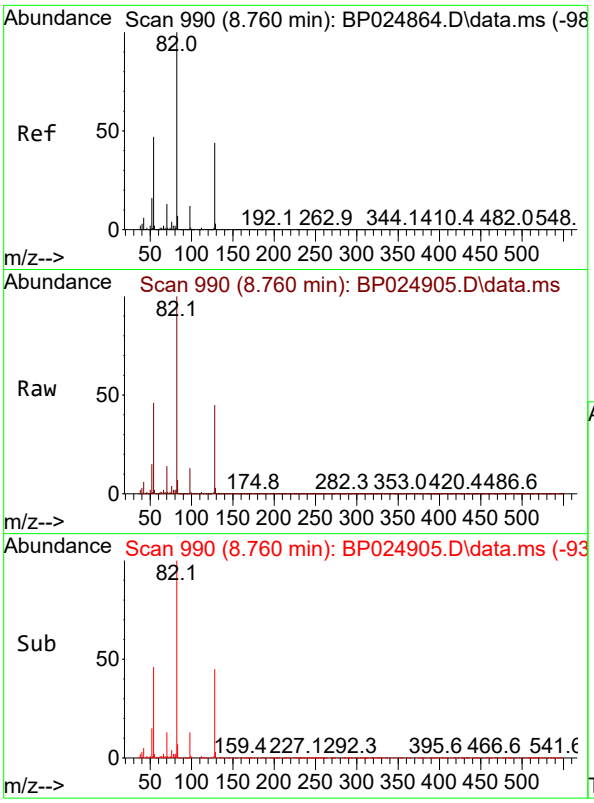


#22
Acetophenone
Concen: 39.725 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:105 Resp: 993180

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.6	2.4
51	24.6	20.6	31.0
120	23.2	18.2	27.4



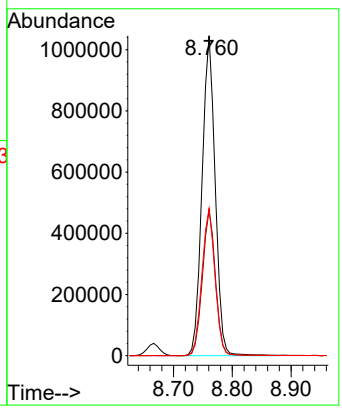


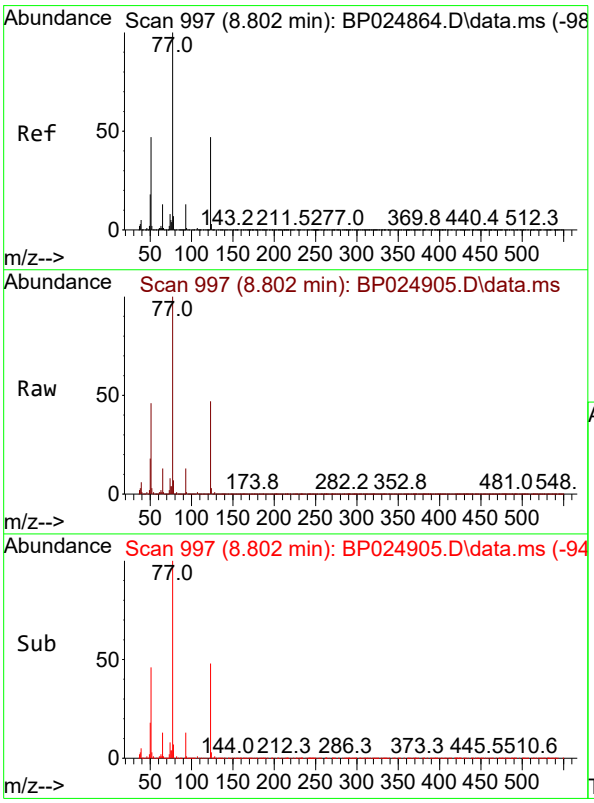
#23
Nitrobenzene-d5
Concen: 79.380 ng
RT: 8.760 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1616528

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.3	52.9
54	46.0	37.4	56.0

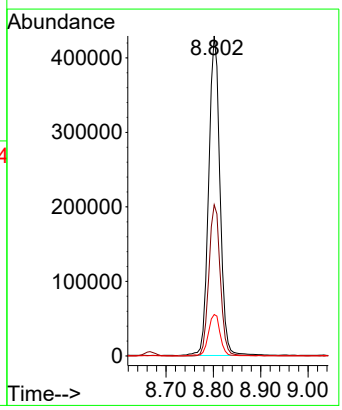


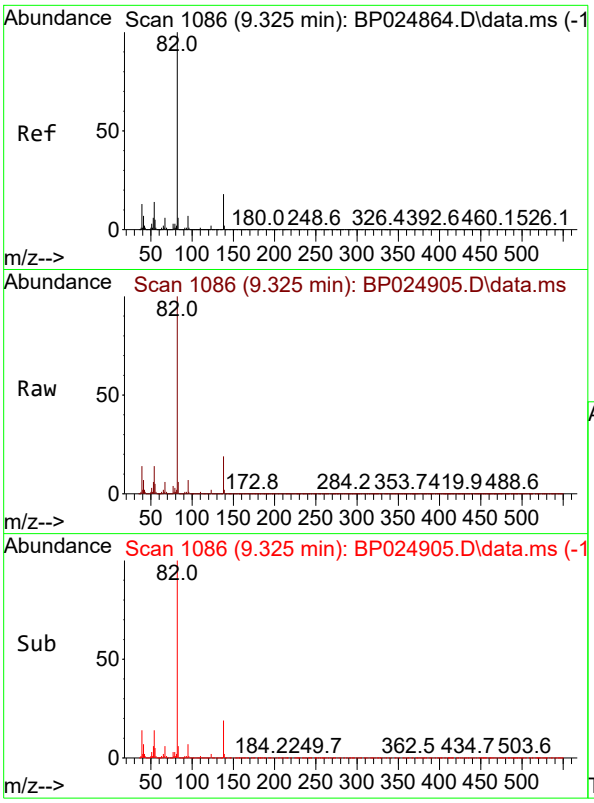


#24
Nitrobenzene
Concen: 39.281 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 77 Resp: 710650

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.3	55.9
65	13.0	10.8	16.2



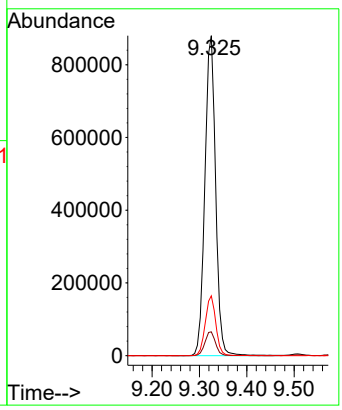


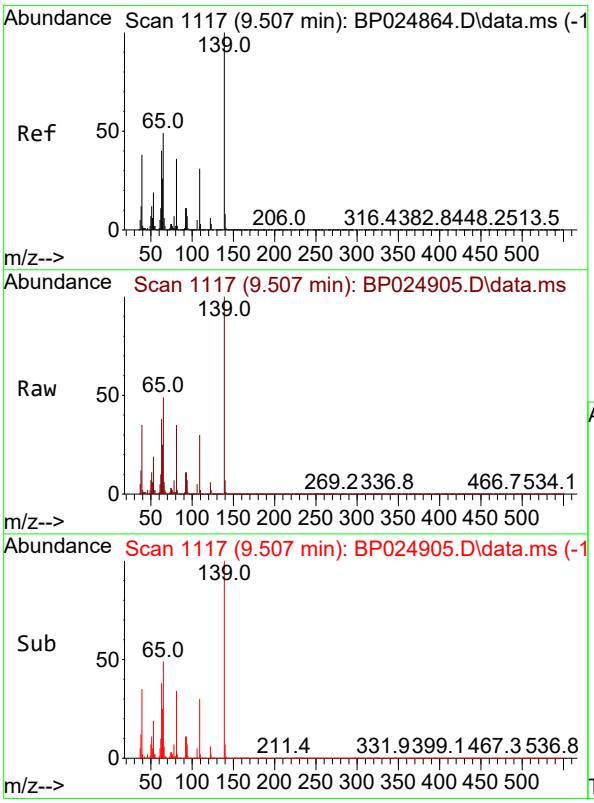
#25
Isophorone
Concen: 39.161 ng
RT: 9.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1382123

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	18.7	14.6	21.8

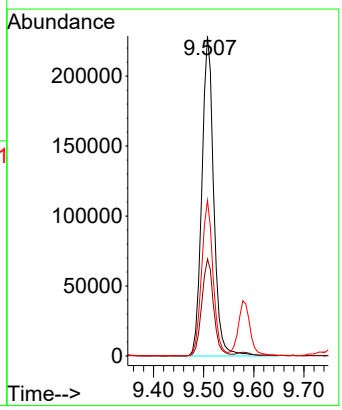


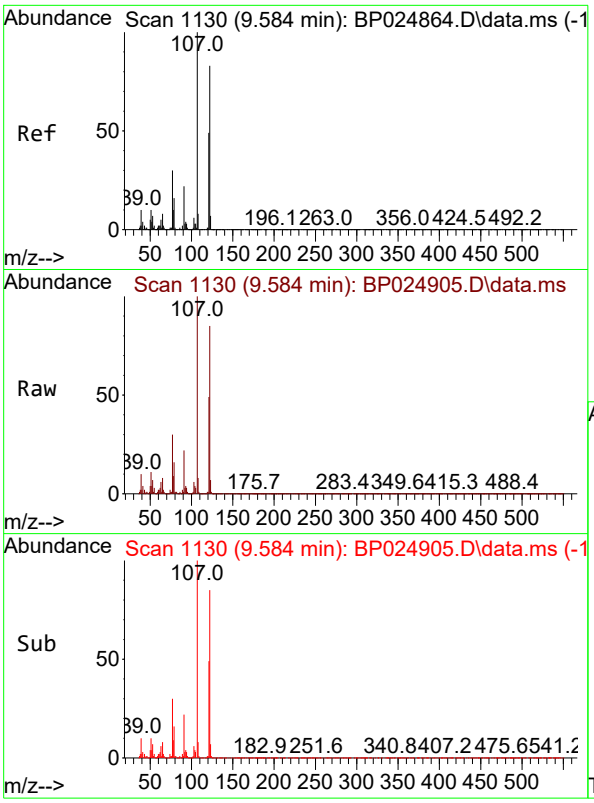


#26
2-Nitrophenol
Concen: 42.176 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:139 Resp: 376475

Ion	Ratio	Lower	Upper
139	100		
109	30.3	24.6	37.0
65	48.6	39.5	59.3



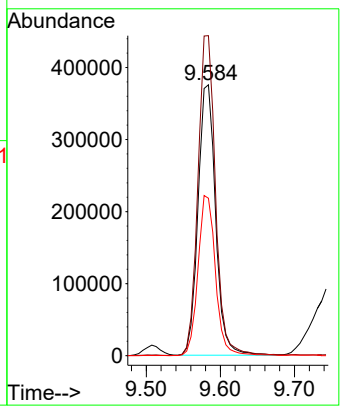


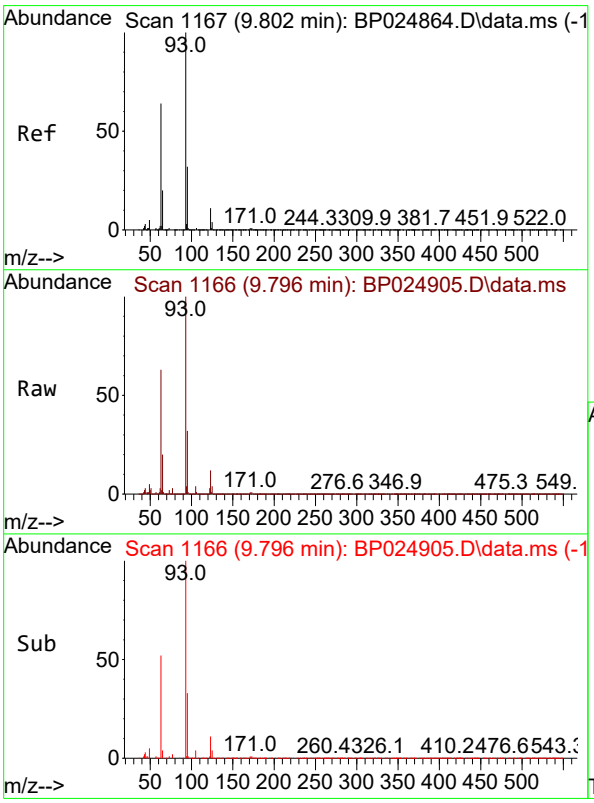
#27
2,4-Dimethylphenol
Concen: 40.499 ng
RT: 9.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 618700

Ion	Ratio	Lower	Upper
122	100		
107	118.1	96.2	144.4
121	58.1	47.0	70.4

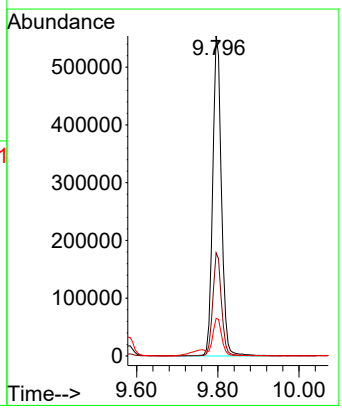


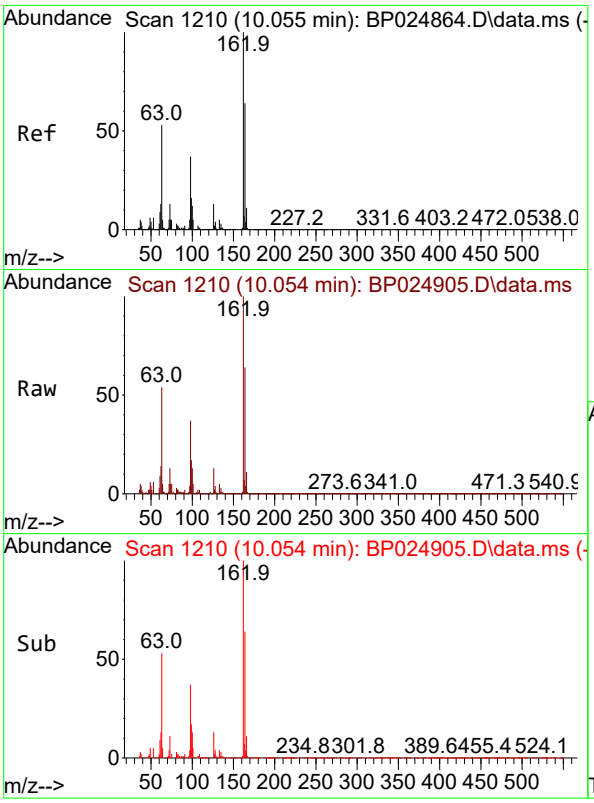


#28
bis(2-Chloroethoxy)methane
Concen: 39.116 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 93 Resp: 823520

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.7	9.2	13.8



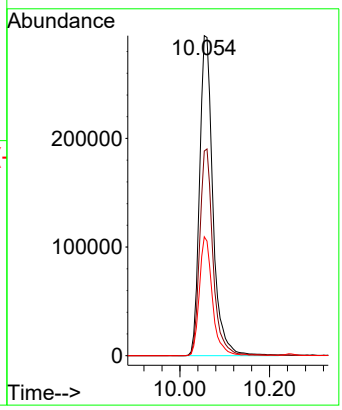


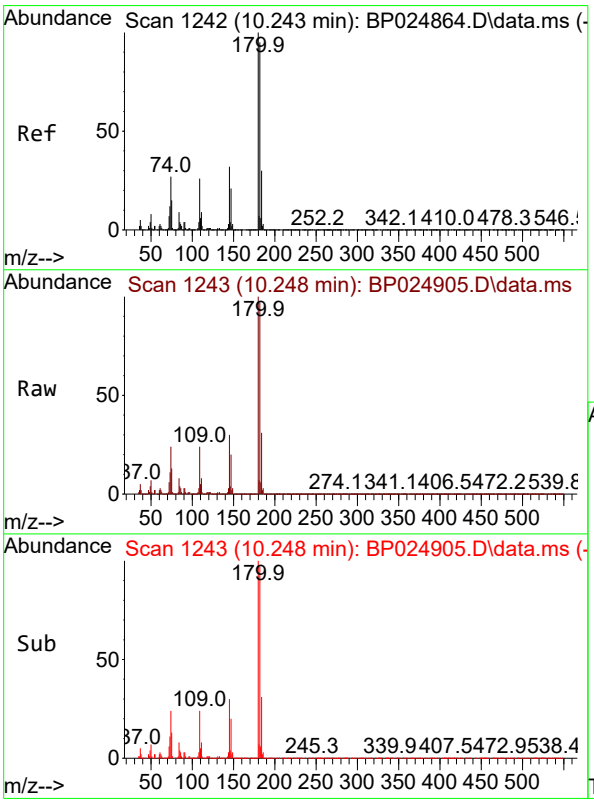
#29
2,4-Dichlorophenol
Concen: 41.456 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 607676

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	37.2	16.9	56.9

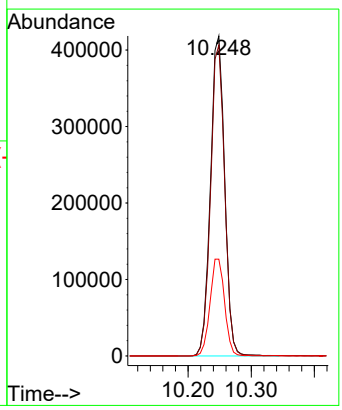


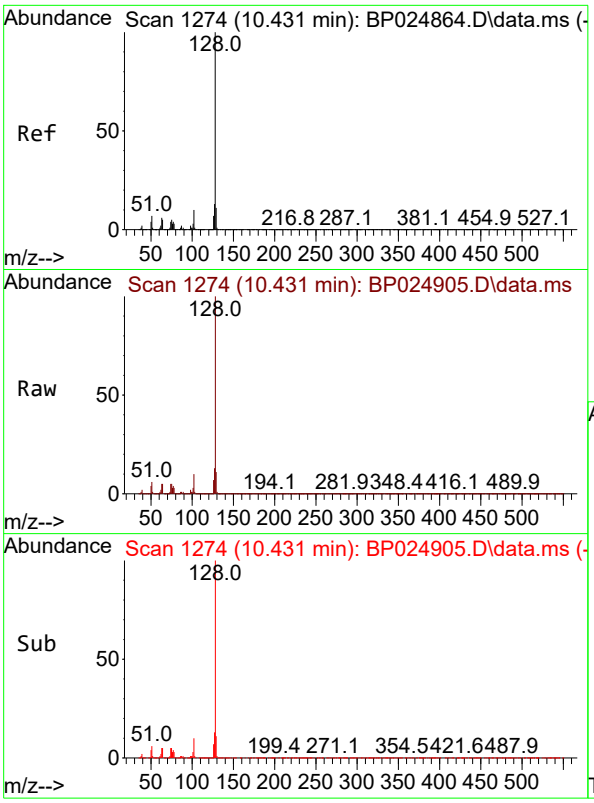


#30
1,2,4-Trichlorobenzene
Concen: 39.481 ng
RT: 10.248 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:180 Resp: 652750

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	30.2	25.7	38.5



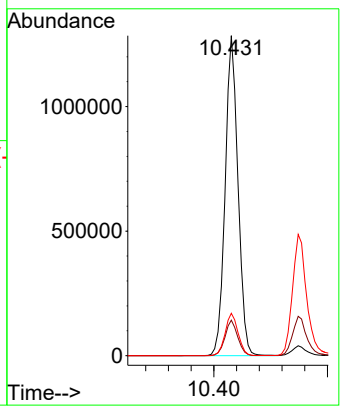


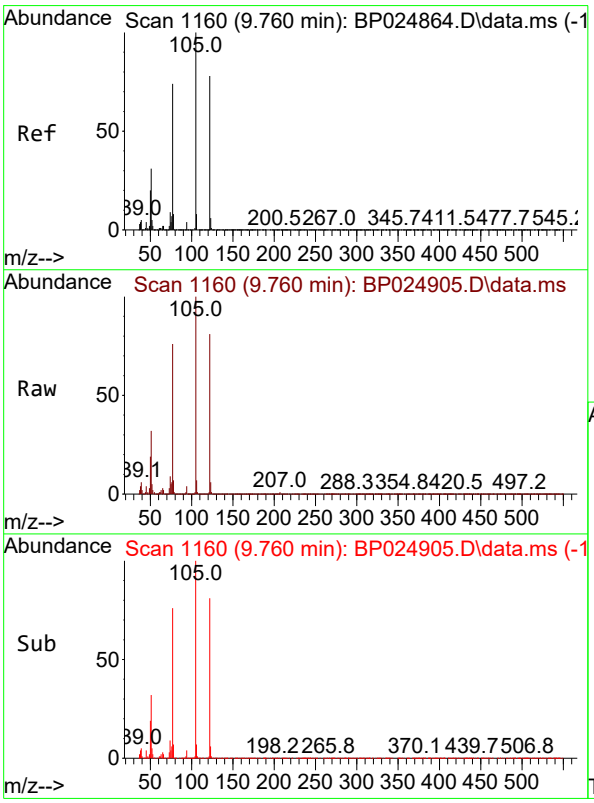
#31
Naphthalene
Concen: 39.763 ng
RT: 10.431 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2016456

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.7	16.1

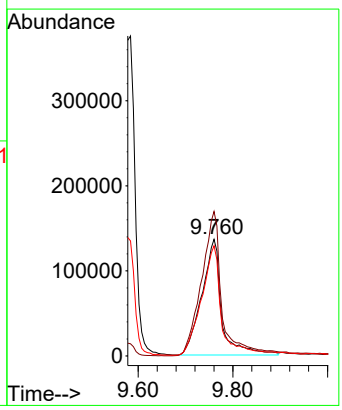


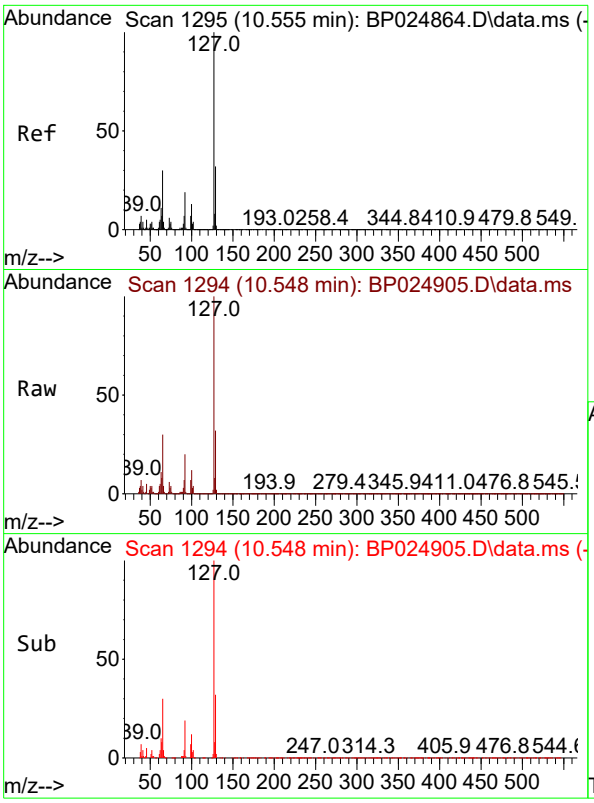


#32
Benzoic acid
Concen: 38.628 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:122 Resp: 398782

Ion	Ratio	Lower	Upper
122	100		
105	123.9	107.1	147.1
77	94.5	75.1	115.1



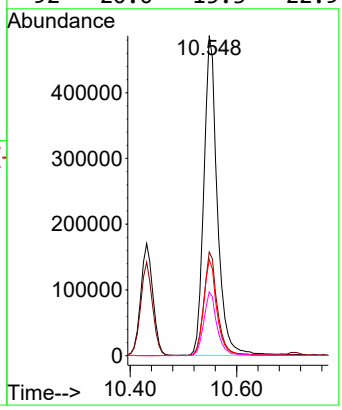


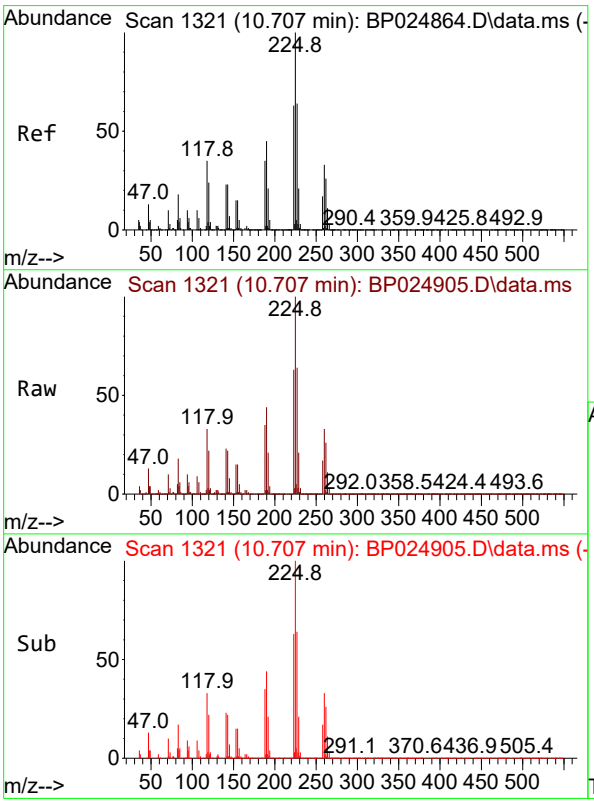
#33
4-Chloroaniline
Concen: 40.152 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 853082

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.0	23.9	35.9
92	20.0	15.3	22.9

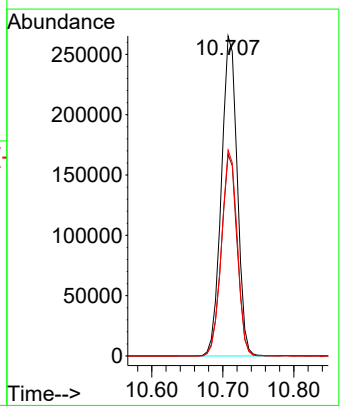


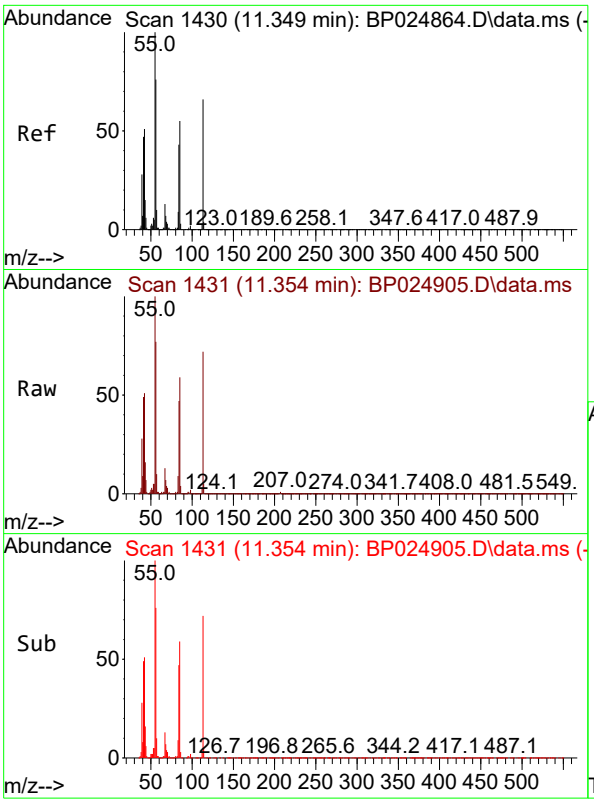


#34
Hexachlorobutadiene
Concen: 41.052 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:225 Resp: 409067

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.5	75.7
227	64.3	51.4	77.2



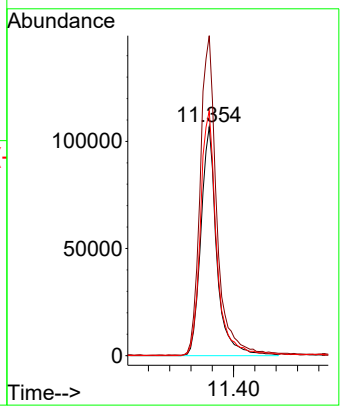


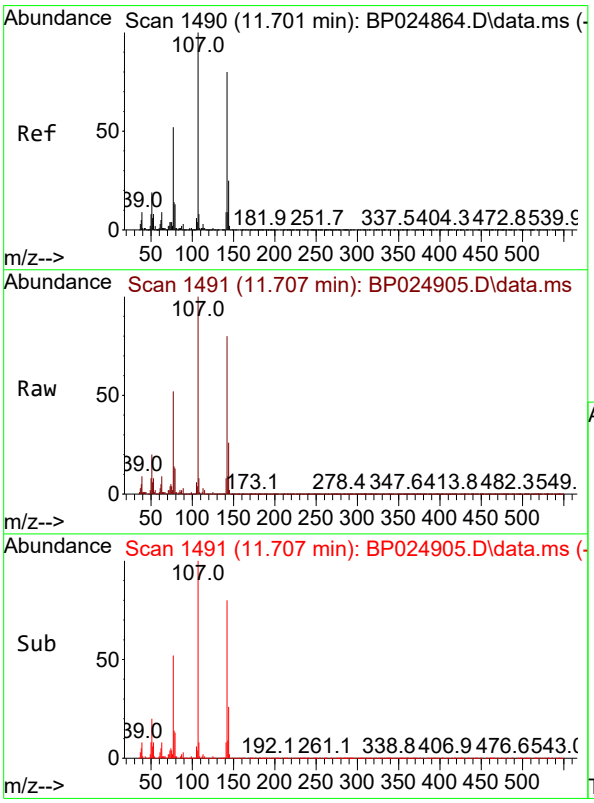
#35
Caprolactam
Concen: 40.732 ng
RT: 11.354 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 219778

Ion	Ratio	Lower	Upper
113	100		
55	139.8	132.5	172.5
56	106.9	96.0	136.0

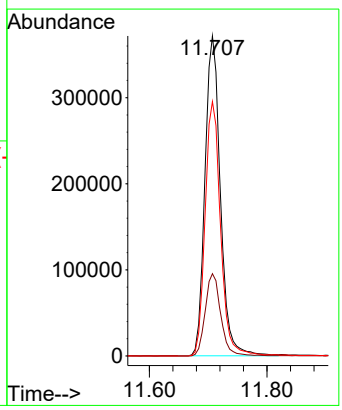


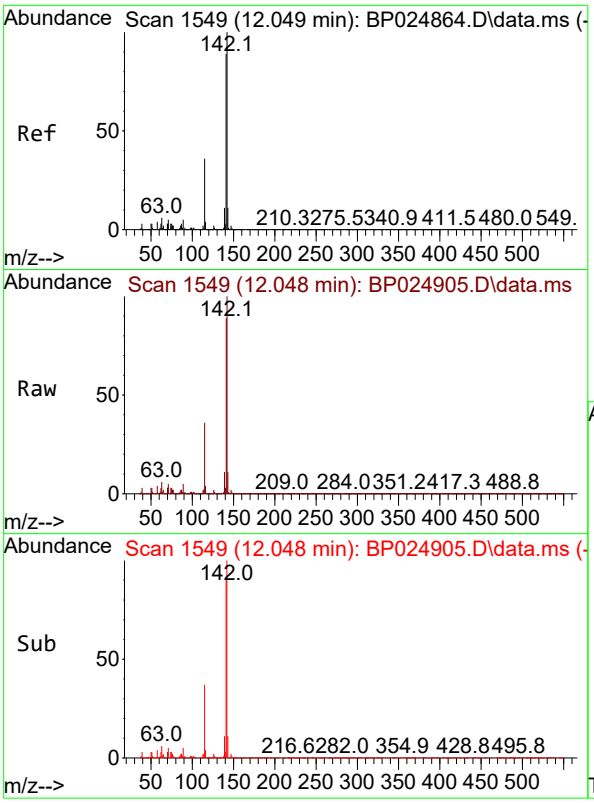


#36
4-Chloro-3-methylphenol
Concen: 40.000 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:107 Resp: 676300

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	79.5	63.8	95.6



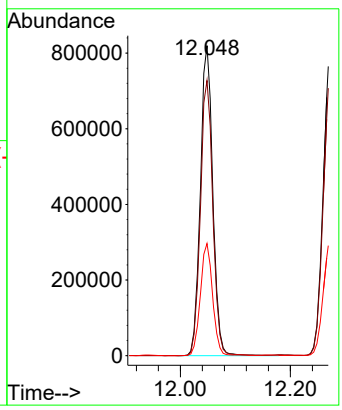


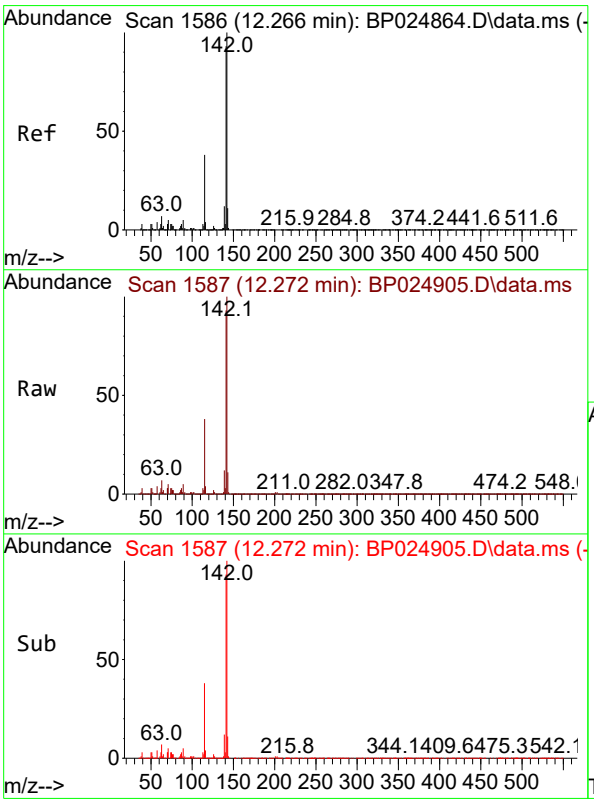
#37
2-Methylnaphthalene
Concen: 39.974 ng
RT: 12.048 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1285853

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	36.2	28.5	42.7

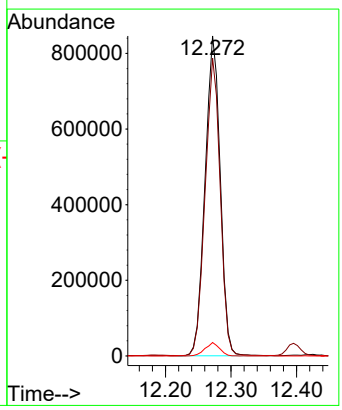


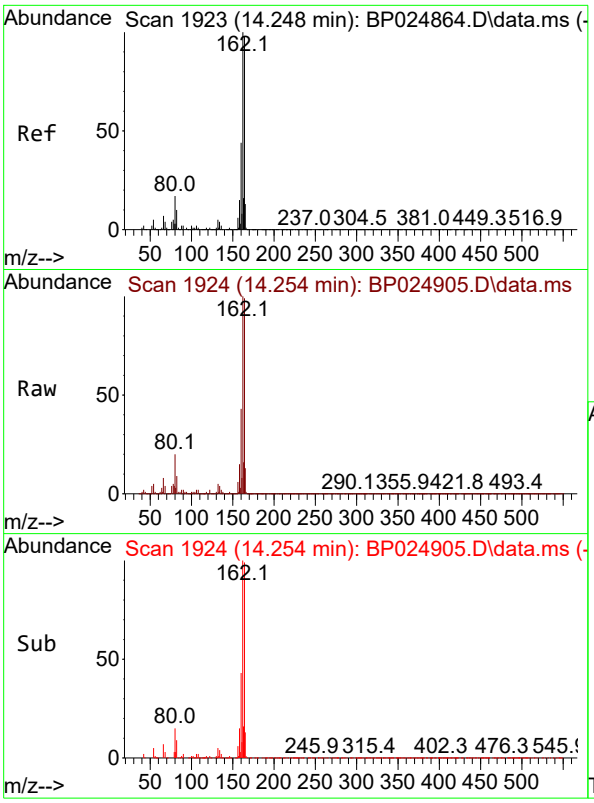


#38
1-Methylnaphthalene
Concen: 39.548 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:142 Resp: 1360077

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.2	3.4	5.0



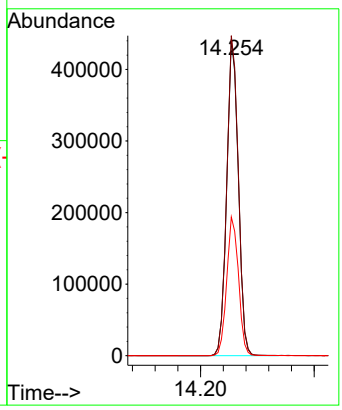


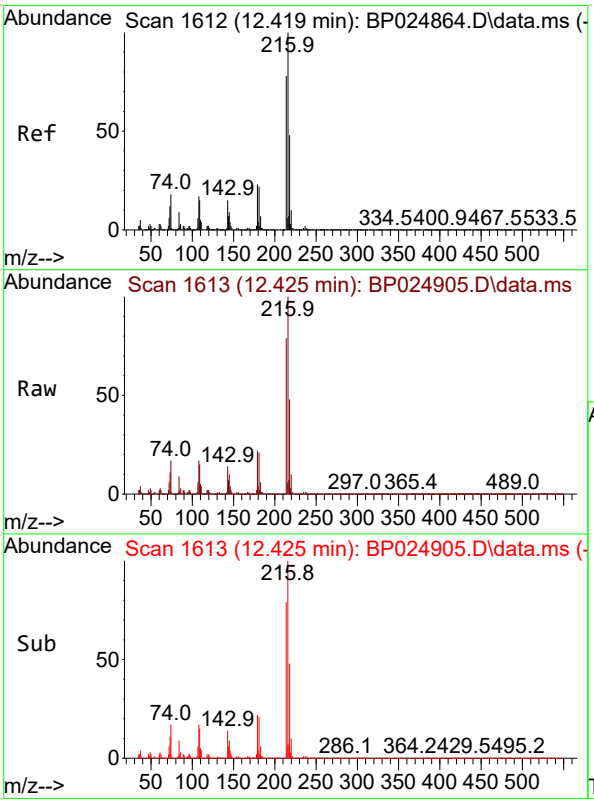
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 627529

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	43.9	36.2	54.2

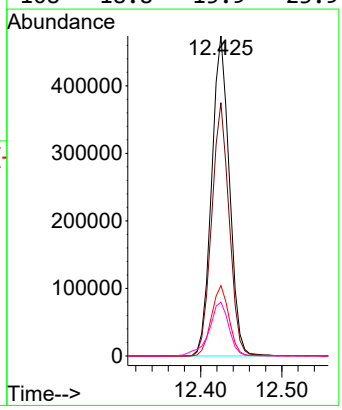


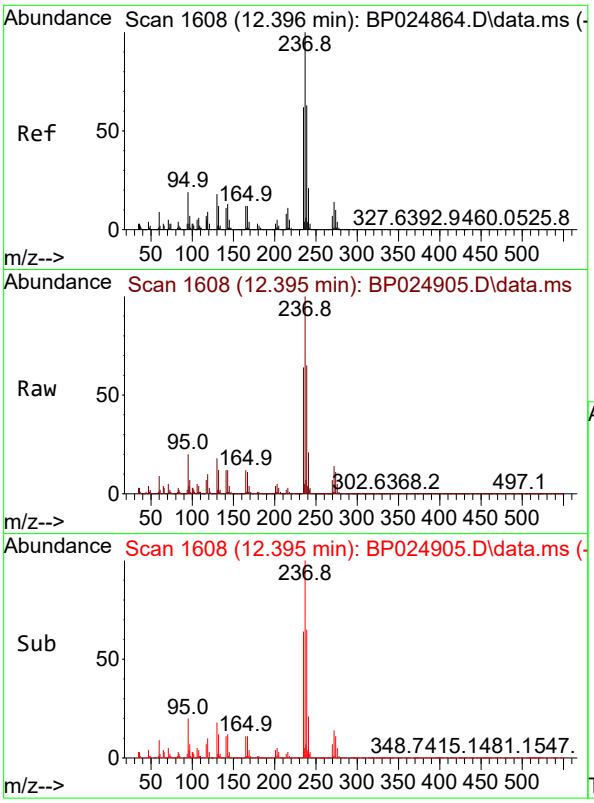


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.395 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:216 Resp: 719293

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	21.8	17.8	26.6
108	18.8	15.9	23.9



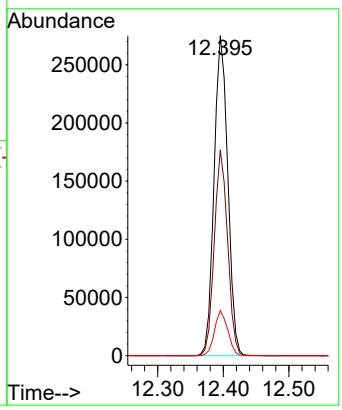


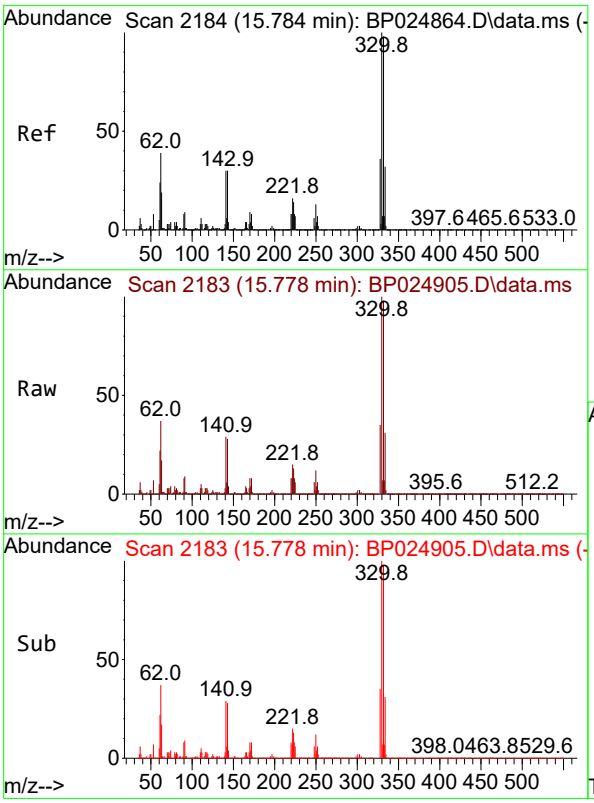
#41
Hexachlorocyclopentadiene
Concen: 36.639 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 397925

Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.9	81.9
272	14.0	0.0	33.7

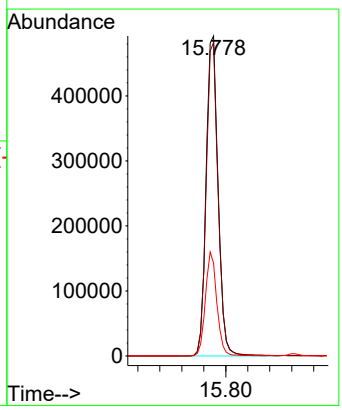


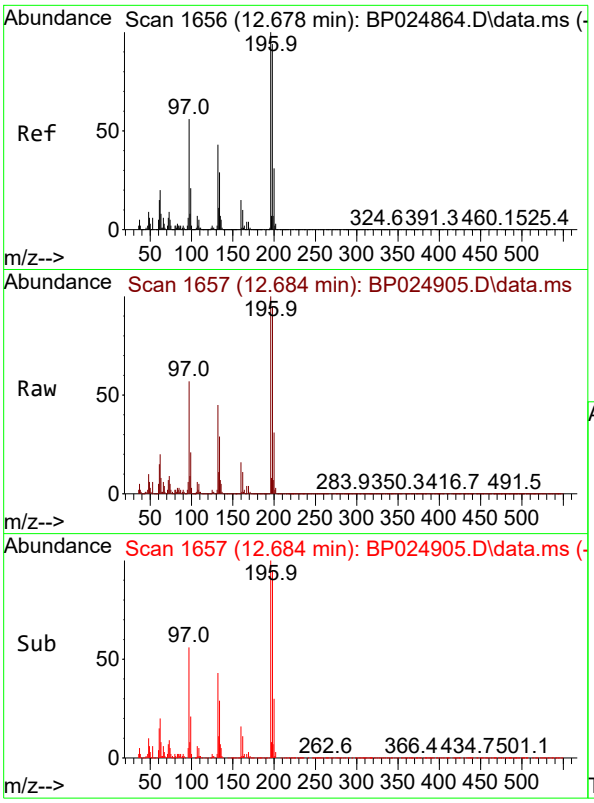


#42
2,4,6-Tribromophenol
Concen: 85.787 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:330 Resp: 744280

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	31.0	26.4	39.6



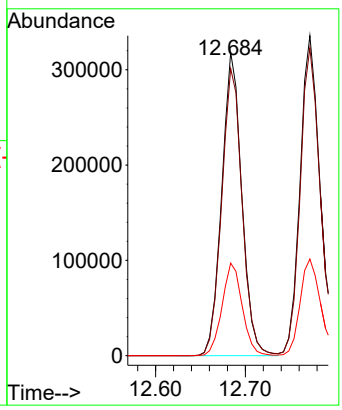


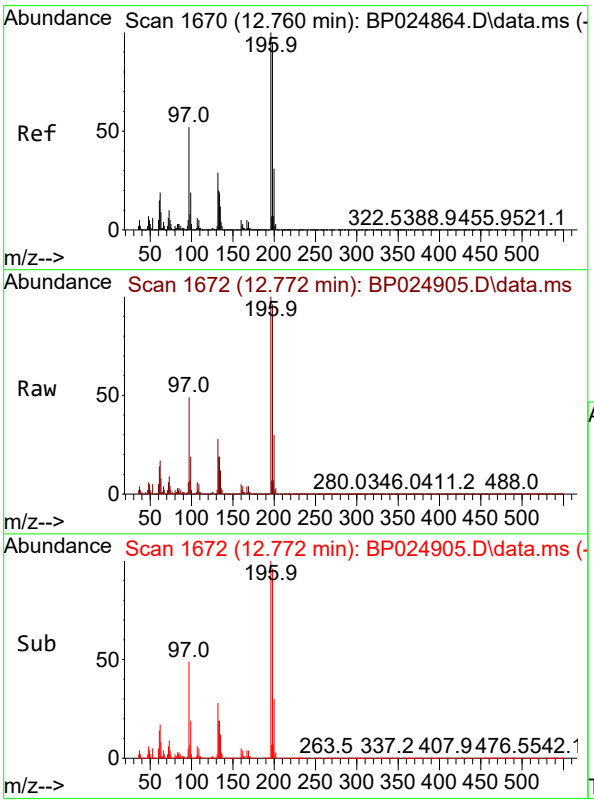
#43
2,4,6-Trichlorophenol
Concen: 41.363 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 494628

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.4	113.0
200	30.5	24.4	36.6

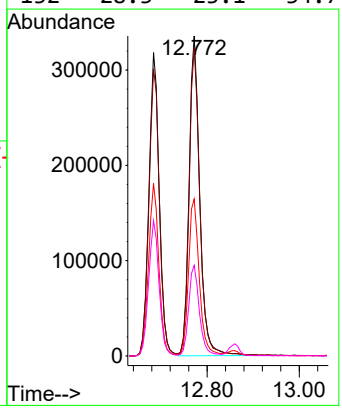


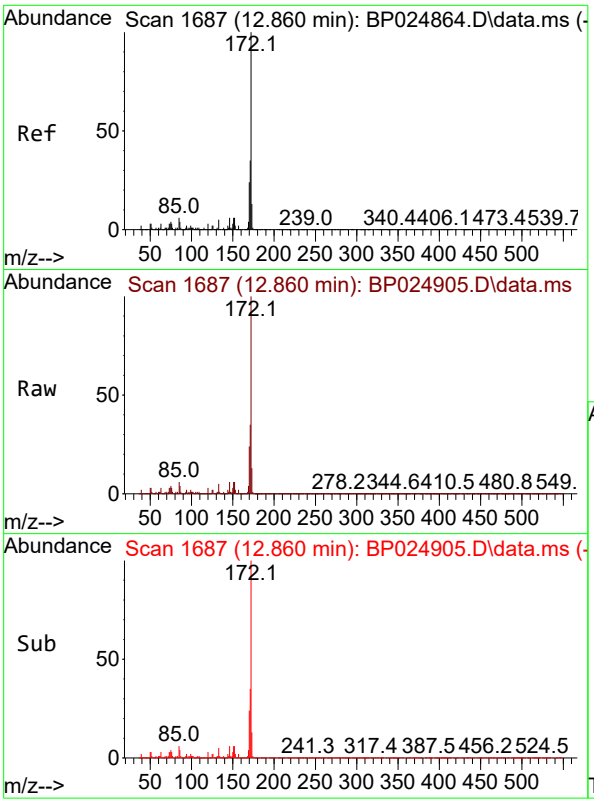


#44
2,4,5-Trichlorophenol
Concen: 42.319 ng
RT: 12.772 min Scan# 1672
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:196 Resp: 541954

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.0	114.0
97	49.1	41.5	62.3
132	28.3	23.1	34.7



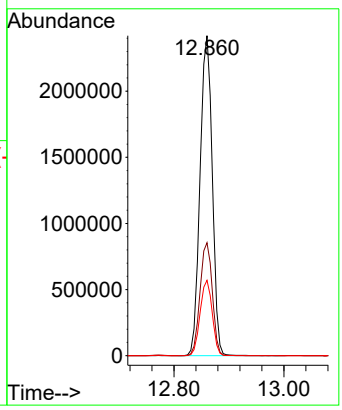


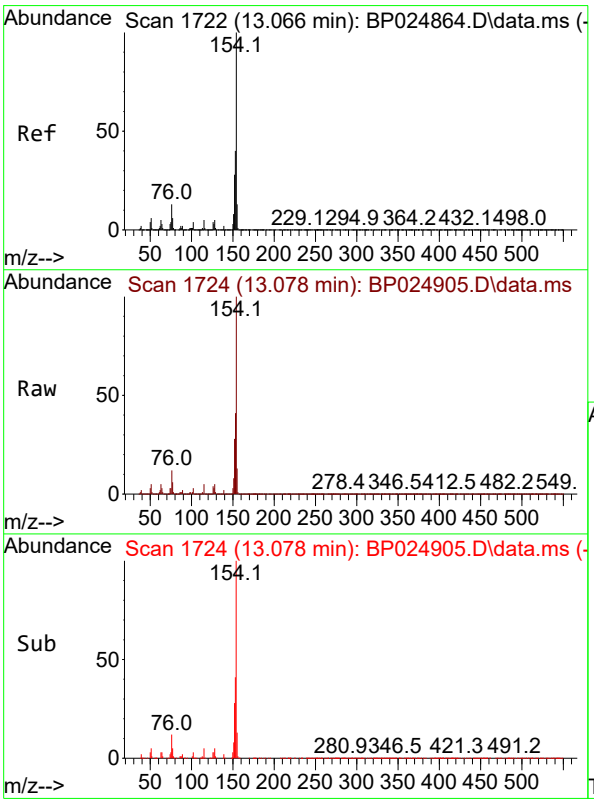
#45
2-Fluorobiphenyl
Concen: 80.089 ng
RT: 12.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3730785

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.5	19.0	28.4

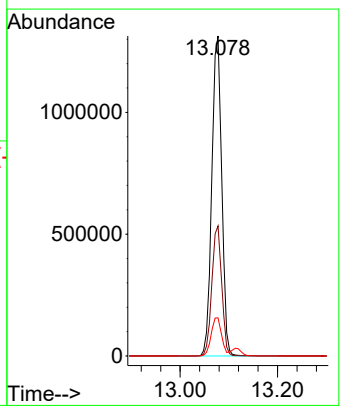


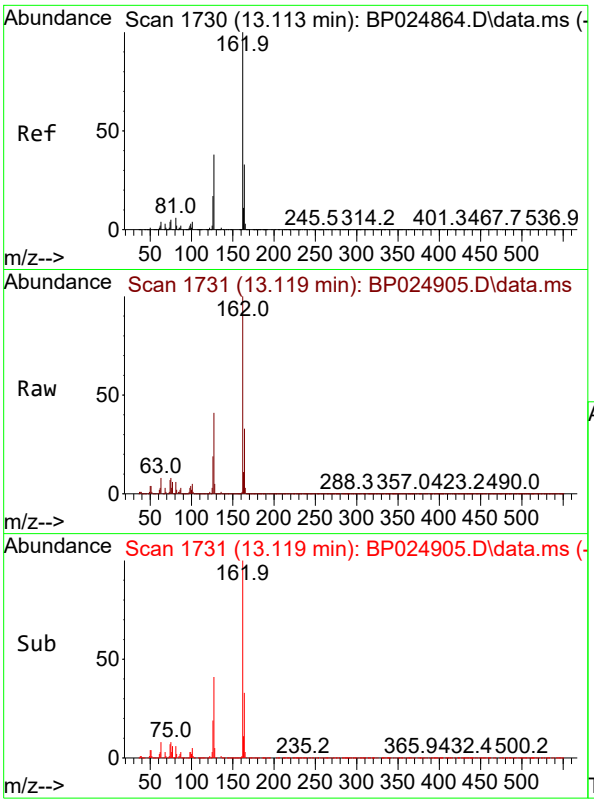


#46
1,1'-Biphenyl
Concen: 40.501 ng
RT: 13.078 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:154 Resp: 1847020

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	11.9	0.0	33.0



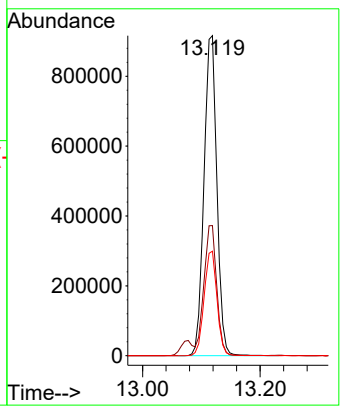


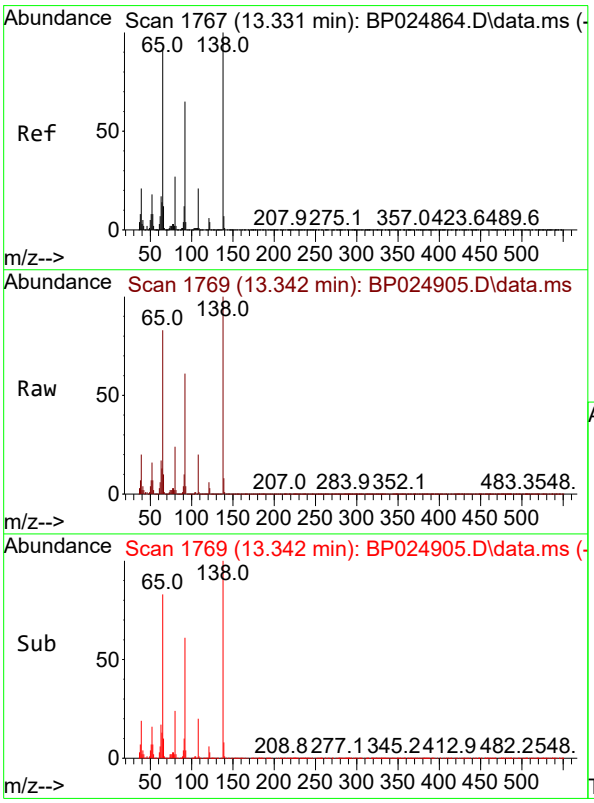
#47
2-Chloronaphthalene
Concen: 39.900 ng
RT: 13.119 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1398495

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.5	48.7
164	32.7	26.2	39.2

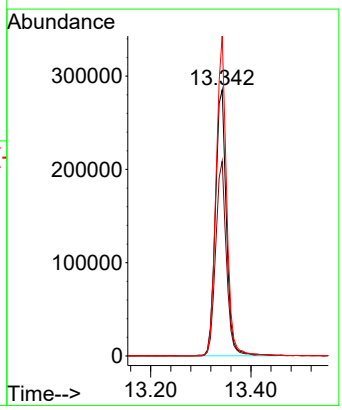


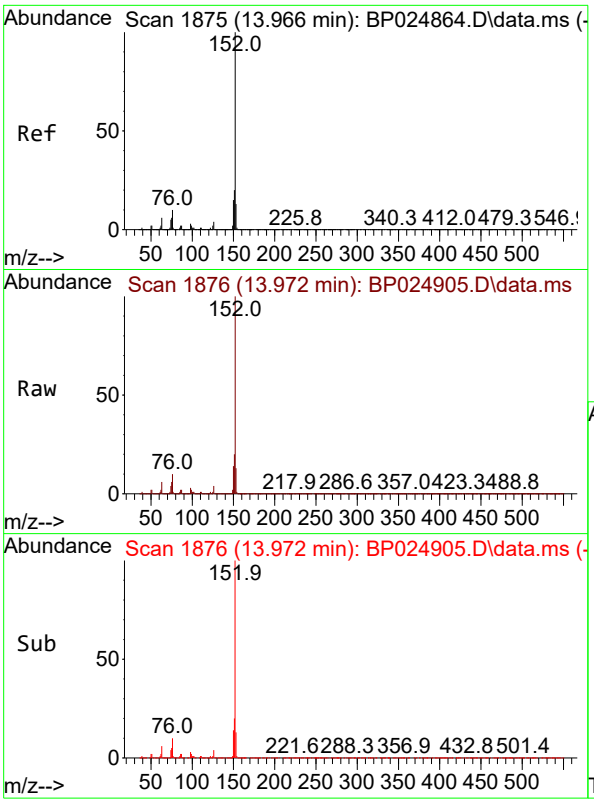


#48
2-Nitroaniline
Concen: 40.472 ng
RT: 13.342 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion: 65 Resp: 436114

Ion	Ratio	Lower	Upper
65	100		
92	73.2	56.8	85.2
138	120.2	86.9	130.3



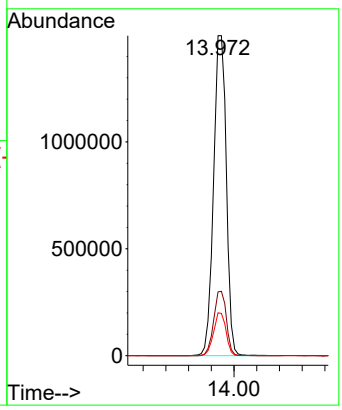


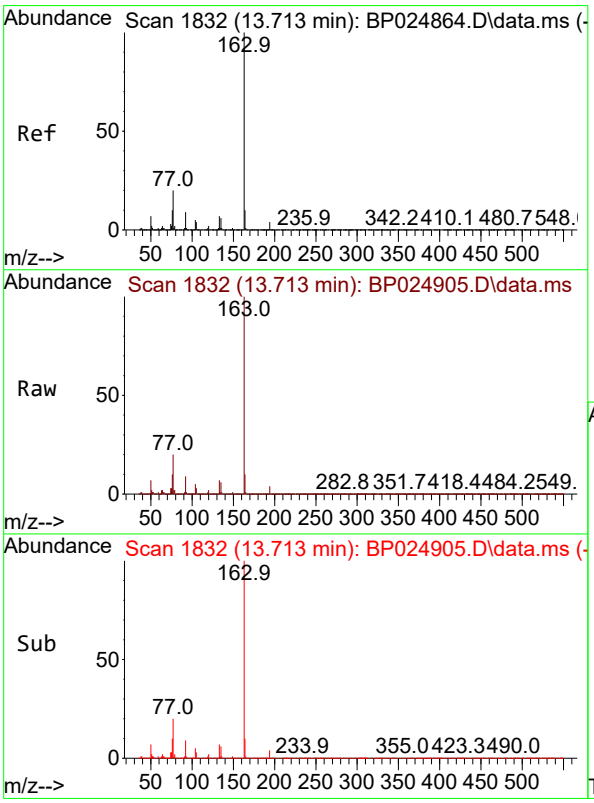
#49
Acenaphthylene
Concen: 39.751 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2323098

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.6	15.8

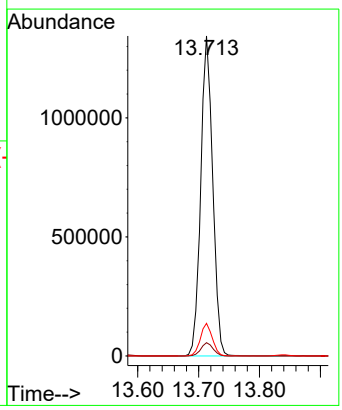


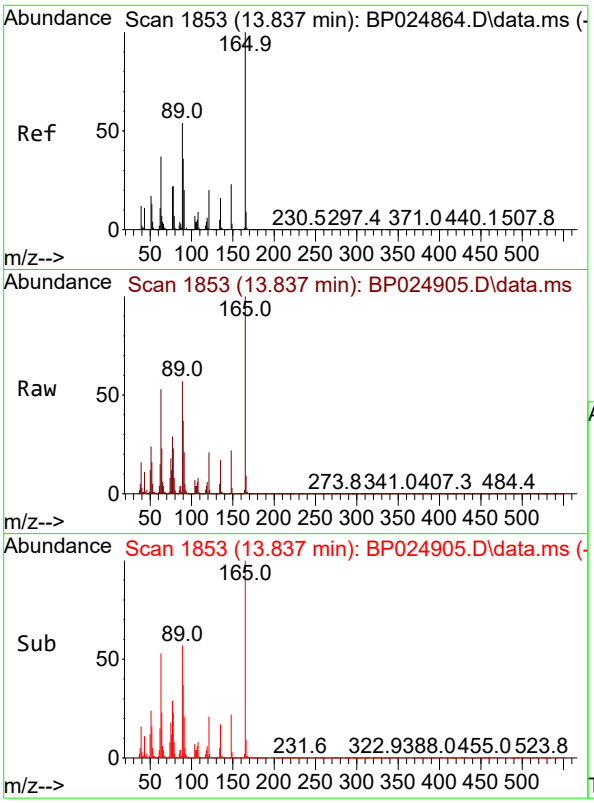


#50
Dimethylphthalate
Concen: 39.759 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:163 Resp: 1840509

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.0	12.0



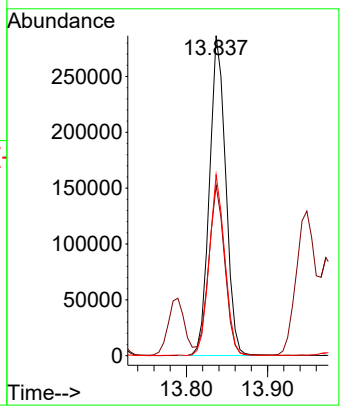


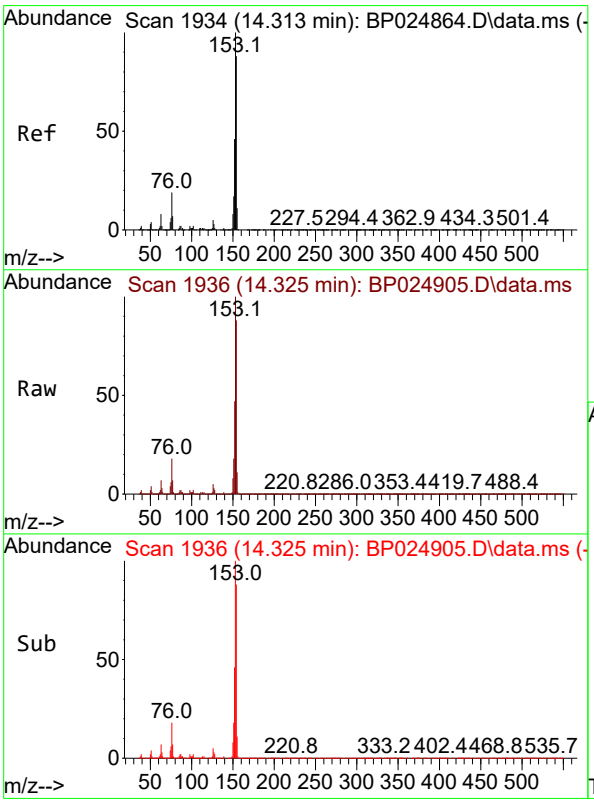
#51
2,6-Dinitrotoluene
Concen: 39.898 ng
RT: 13.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 398160

Ion	Ratio	Lower	Upper
165	100		
63	53.2	41.8	62.8
89	56.5	43.1	64.7

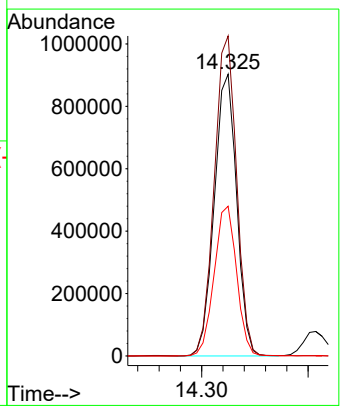


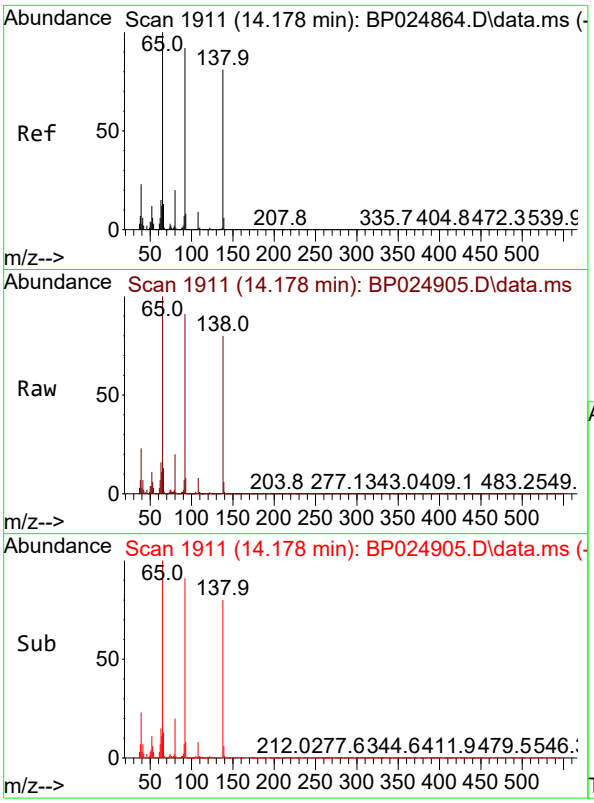


#52
Acenaphthene
Concen: 39.258 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:154 Resp: 1314718

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.2	42.1	63.1



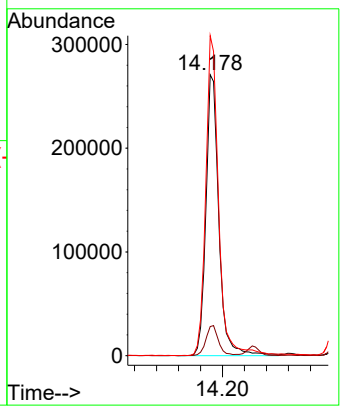


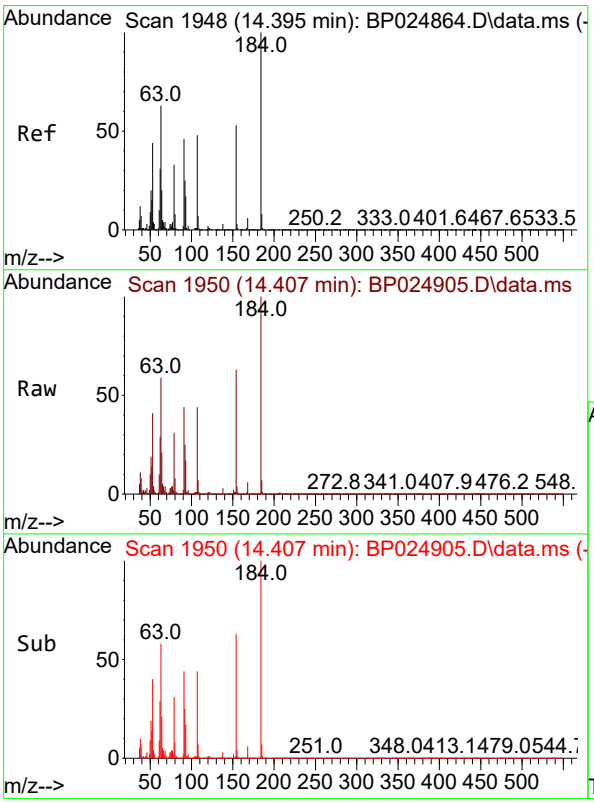
#53
3-Nitroaniline
Concen: 42.628 ng
RT: 14.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 441466

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	12.8
92	113.9	91.3	136.9

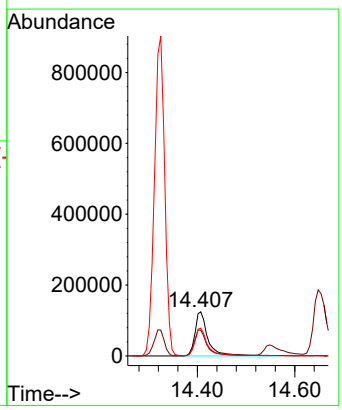


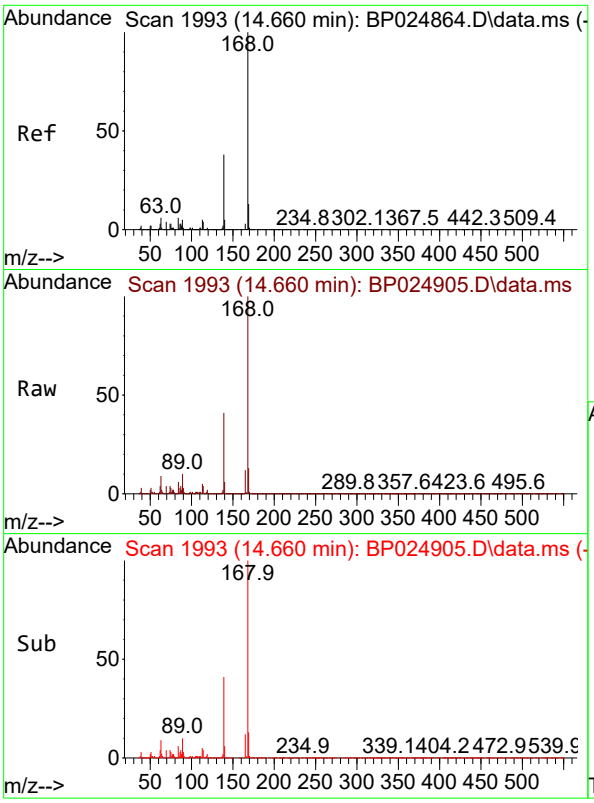


#54
2,4-Dinitrophenol
Concen: 38.879 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:184 Resp: 232675

Ion	Ratio	Lower	Upper
184	100		
63	58.6	51.0	76.4
154	63.0	51.7	77.5



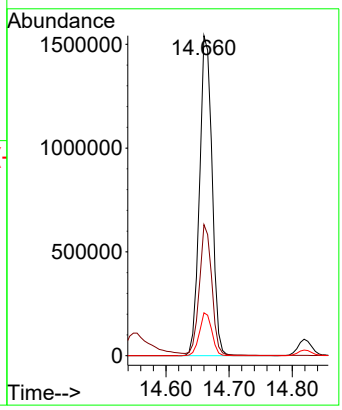


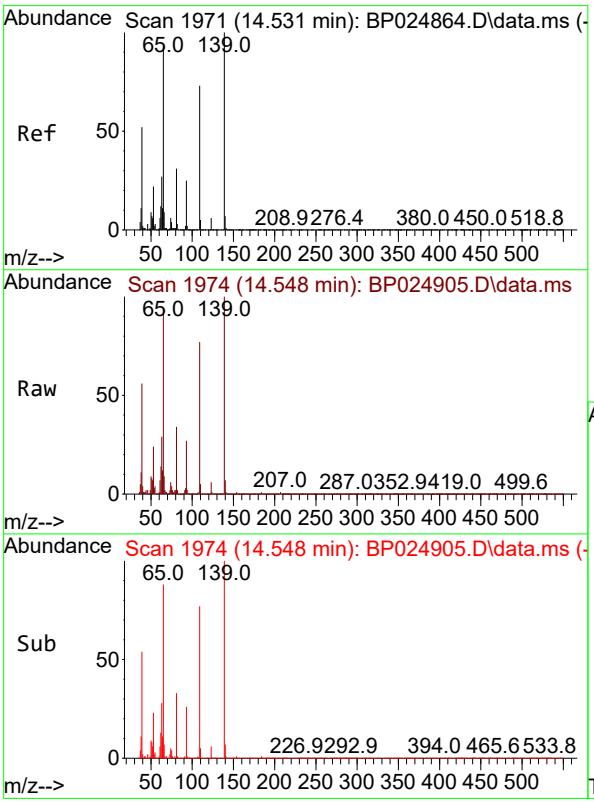
#55
Dibenzofuran
Concen: 39.510 ng
RT: 14.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2123910

Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.6	47.4
169	13.4	10.6	15.8

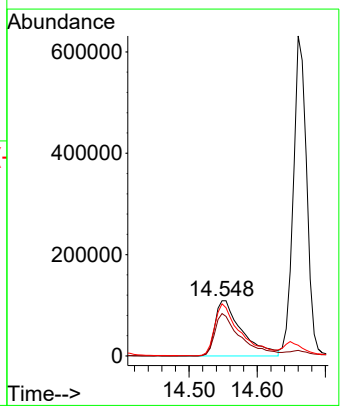


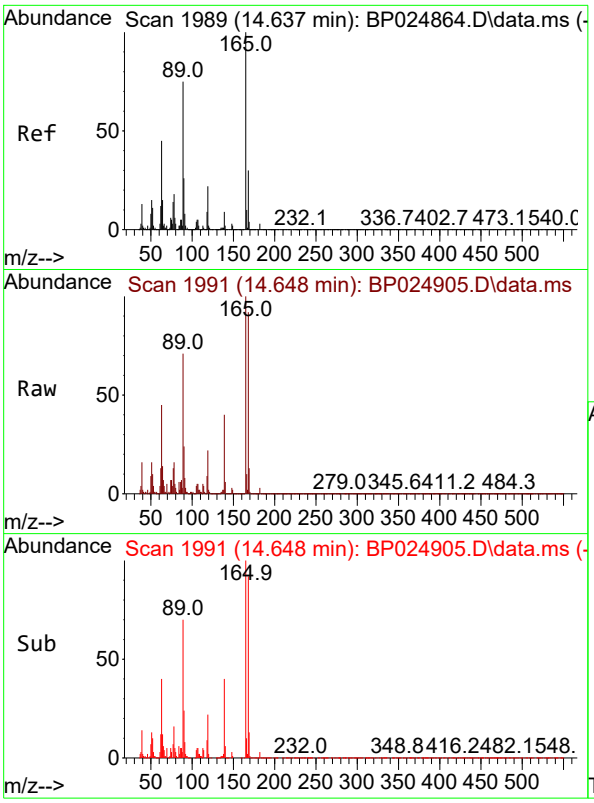


#56
4-Nitrophenol
Concen: 37.005 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:139 Resp: 297103

Ion	Ratio	Lower	Upper
139	100		
109	76.7	53.1	93.1
65	94.3	73.0	113.0



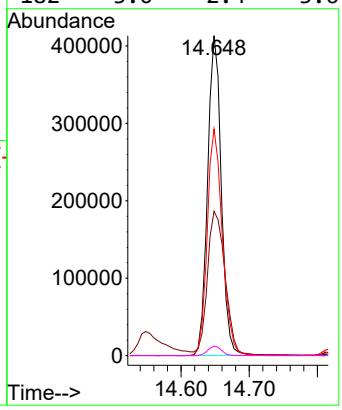


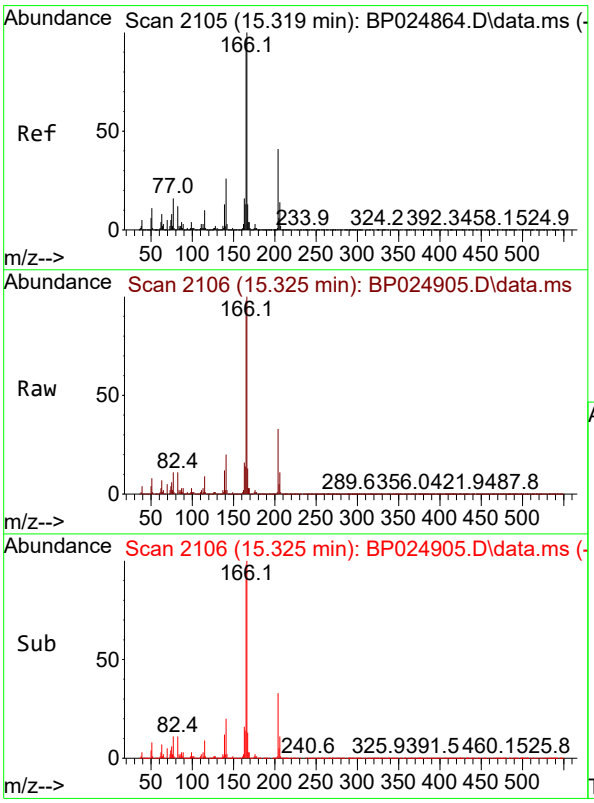
#57
2,4-Dinitrotoluene
Concen: 41.387 ng
RT: 14.648 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 577757

Ion	Ratio	Lower	Upper
165	100		
63	45.1	37.0	55.6
89	70.8	60.1	90.1
182	3.0	2.4	3.6

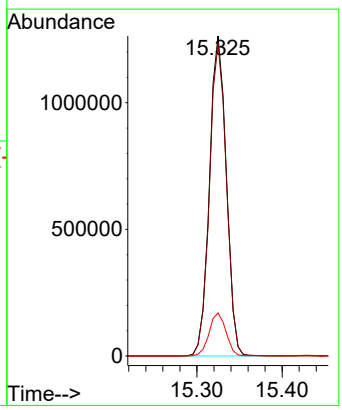


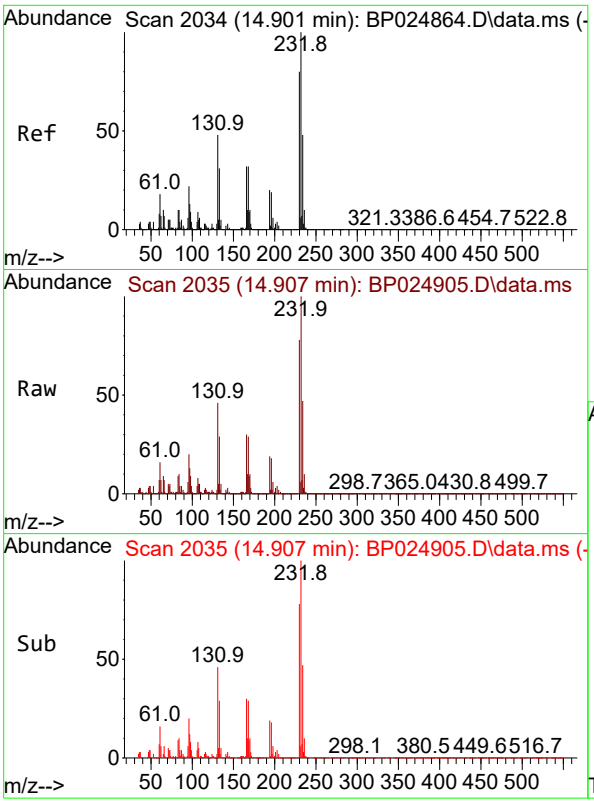


#58
Fluorene
Concen: 40.091 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:166 Resp: 1740983

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.5	10.6	16.0



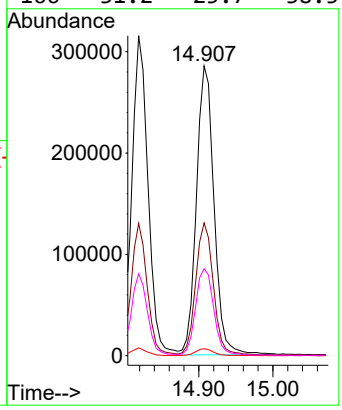


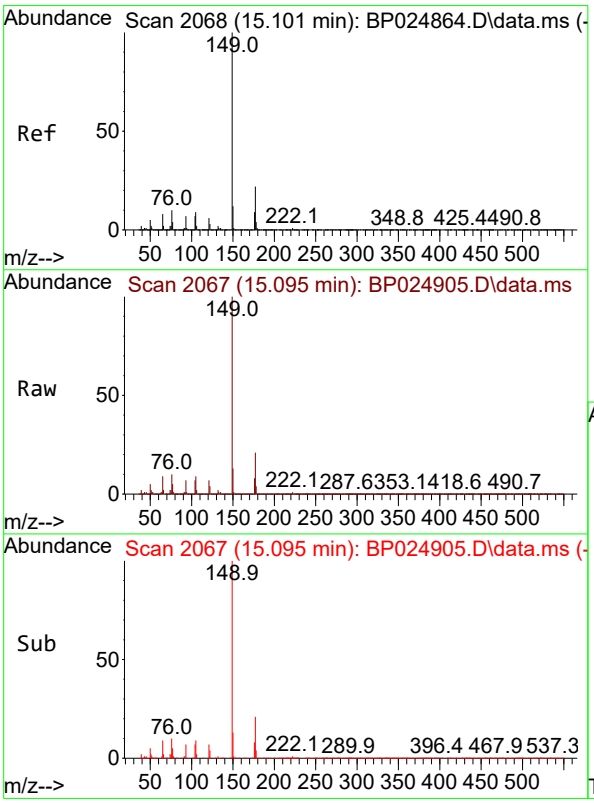
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.162 ng
RT: 14.907 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 470984

Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.2	57.2
130	2.5	2.1	3.1
166	31.2	25.7	38.5

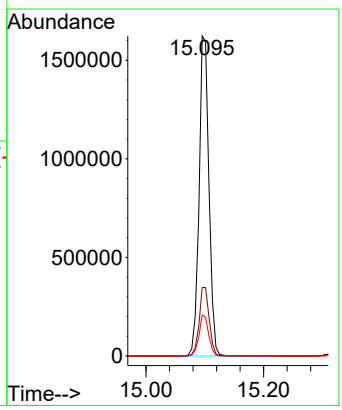


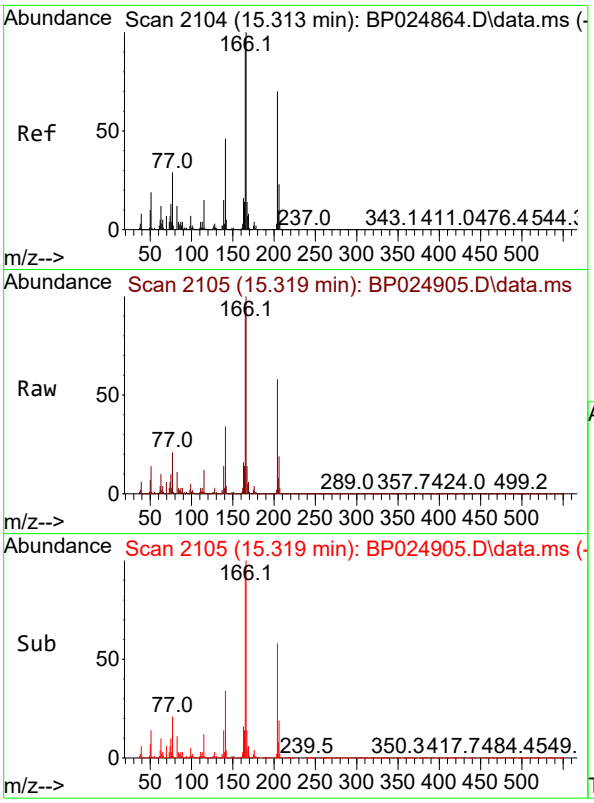


#60
Diethylphthalate
Concen: 40.960 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:149 Resp: 1889671

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.9	26.9
150	12.8	9.8	14.6



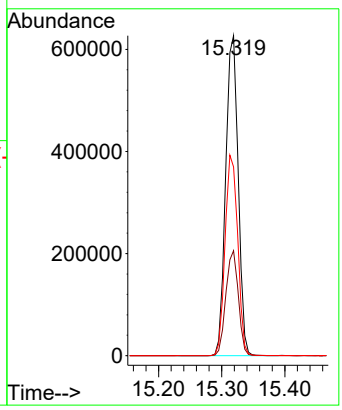


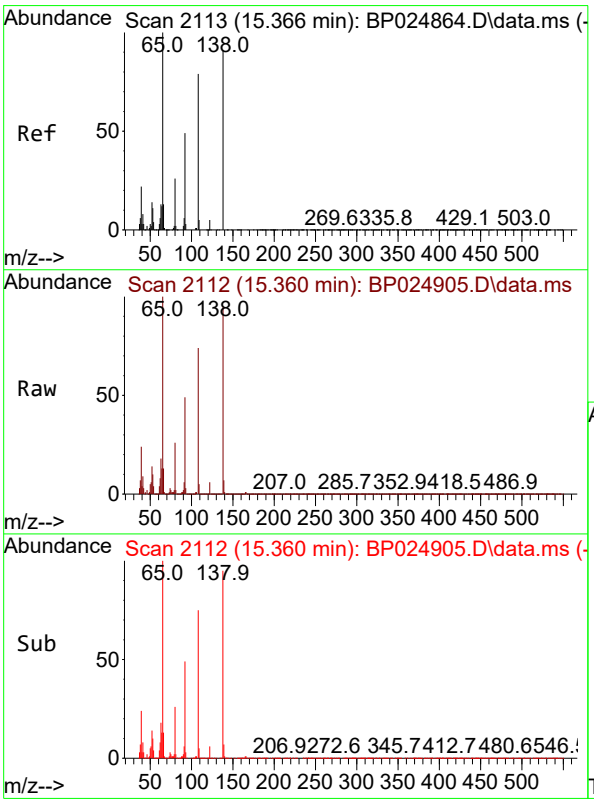
#61
4-Chlorophenyl-phenylether
Concen: 40.436 ng
RT: 15.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 858578

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	59.0	52.4	78.6

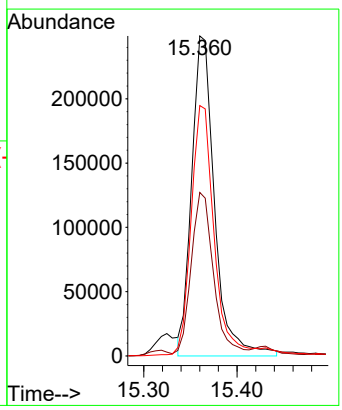


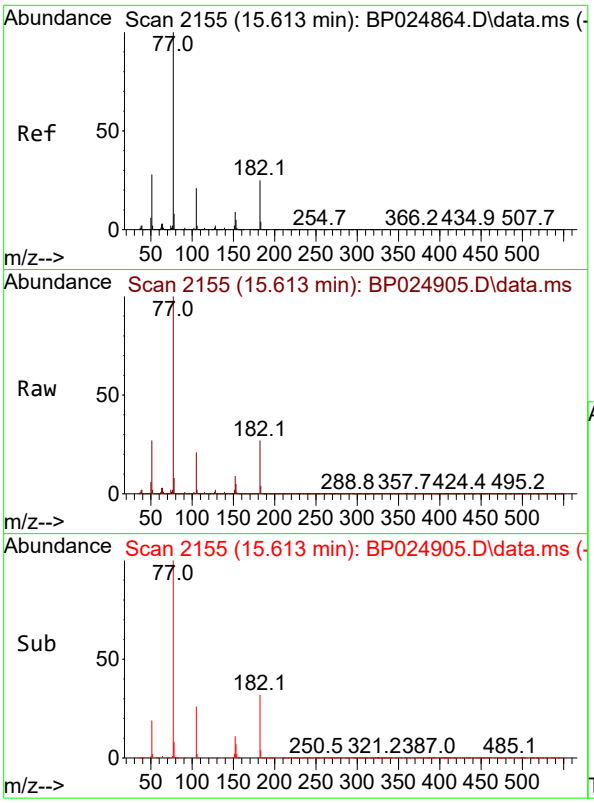


#62
4-Nitroaniline
Concen: 45.138 ng m
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:138 Resp: 423858

Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.5	73.5
108	78.2	65.1	105.1



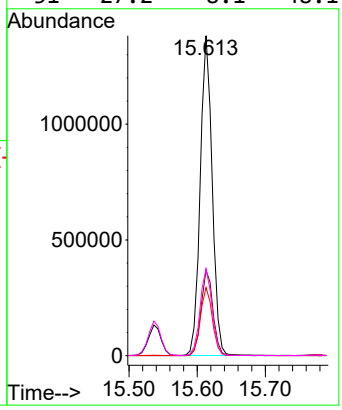


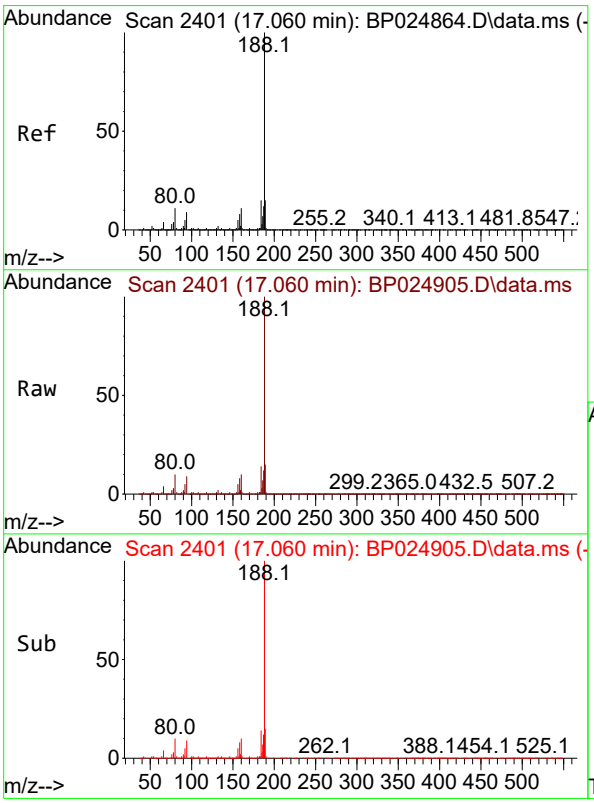
#63
Azobenzene
Concen: 39.841 ng
RT: 15.613 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1685754

Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.4	45.4
105	21.3	0.8	40.8
51	27.2	8.1	48.1

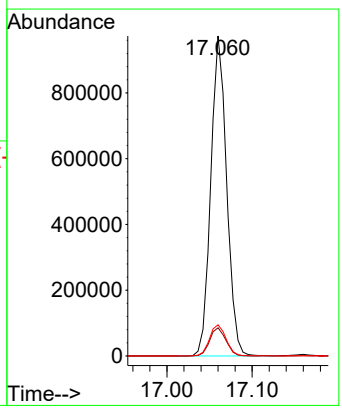


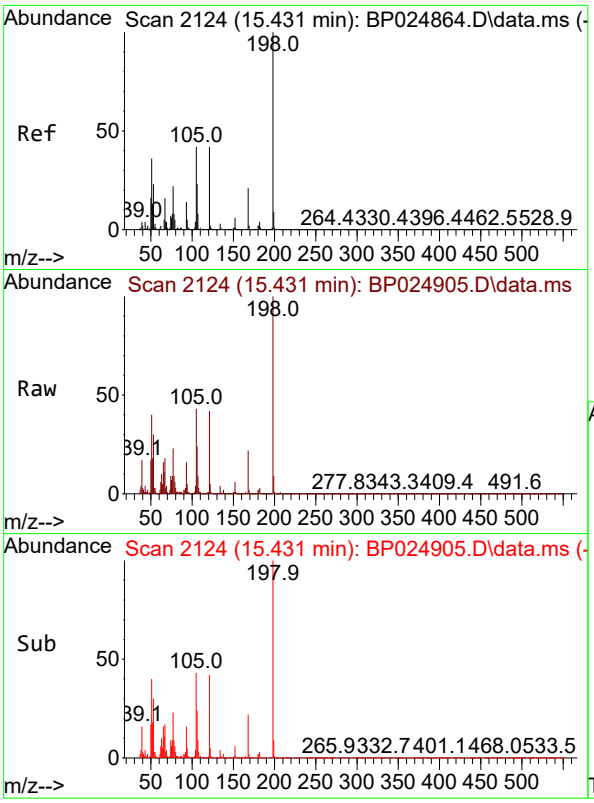


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:188 Resp: 1260453

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.8	8.5	12.7



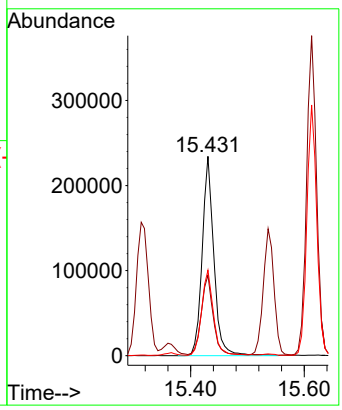


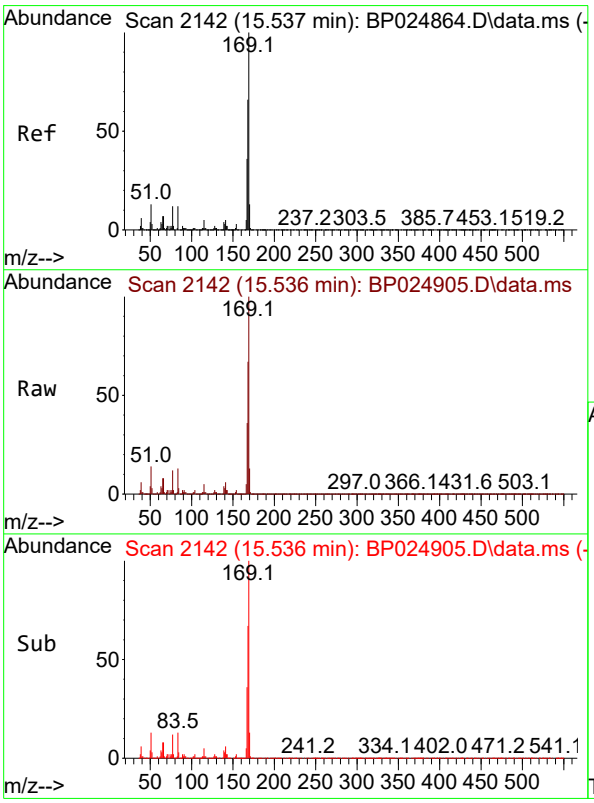
#65
4,6-Dinitro-2-methylphenol
Concen: 40.364 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 334304

Ion	Ratio	Lower	Upper
198	100		
51	40.4	19.2	59.2
105	42.9	22.6	62.6

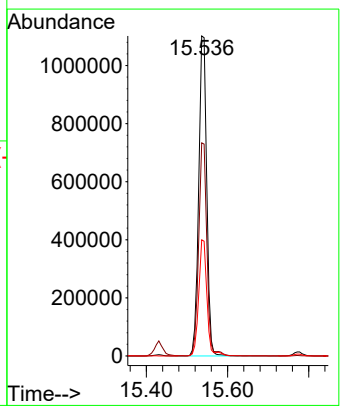


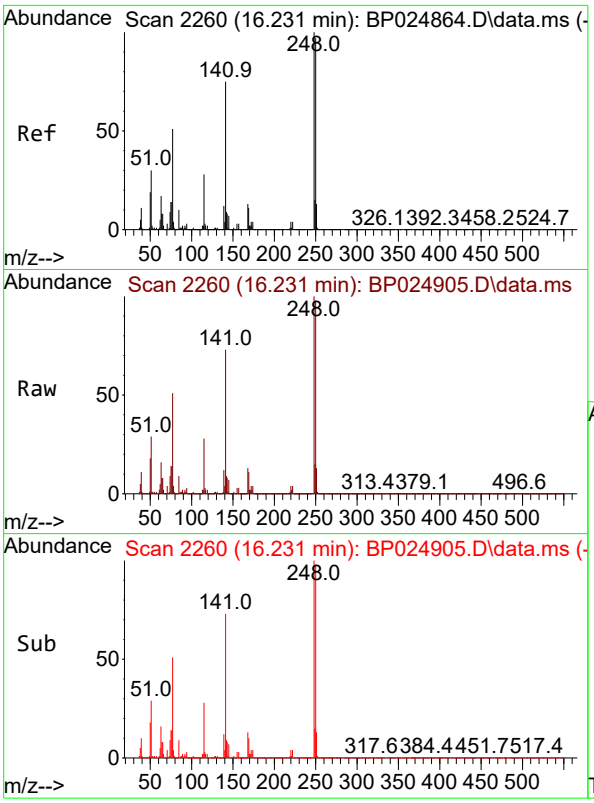


#66
n-Nitrosodiphenylamine
Concen: 38.892 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:169 Resp: 1519439

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.6
167	36.3	28.6	43.0



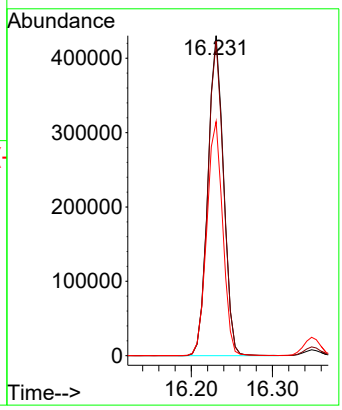


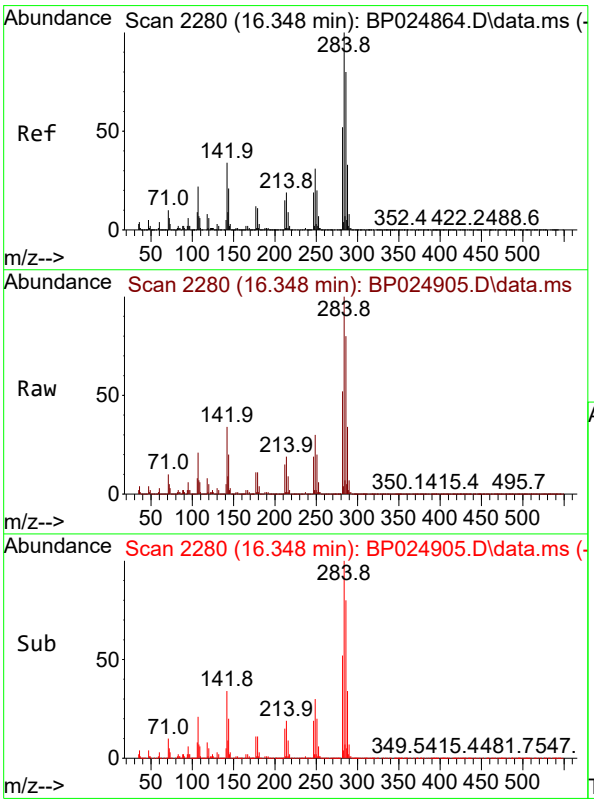
#67
4-Bromophenyl-phenylether
Concen: 40.567 ng
RT: 16.231 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 576944

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	73.2	59.9	89.9

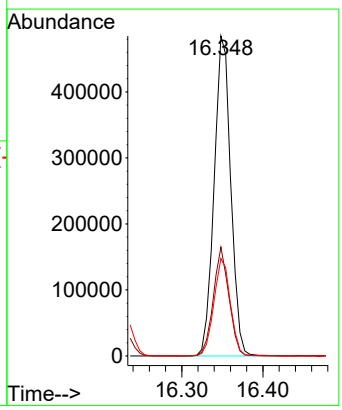


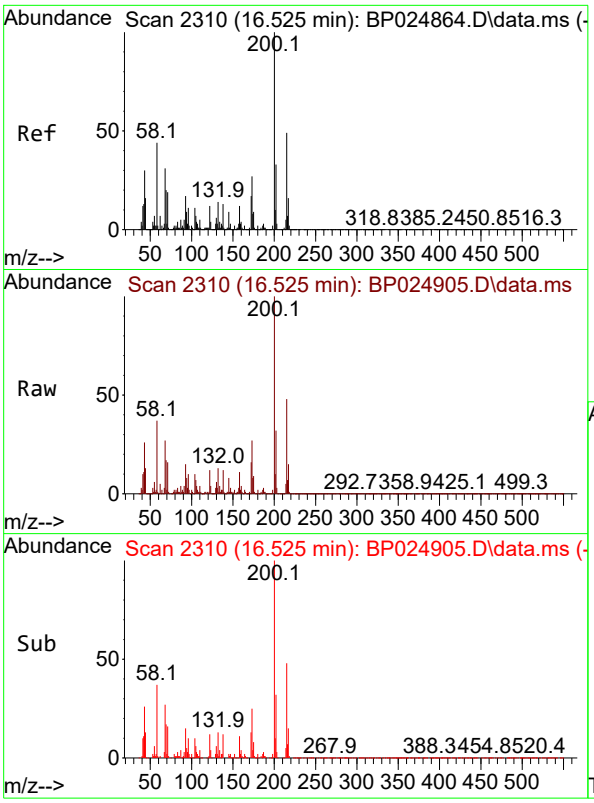


#68
Hexachlorobenzene
Concen: 40.014 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:284 Resp: 689883

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	30.4	25.0	37.6



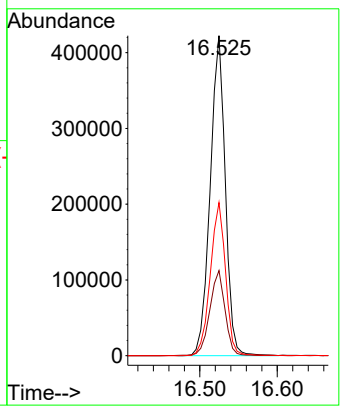


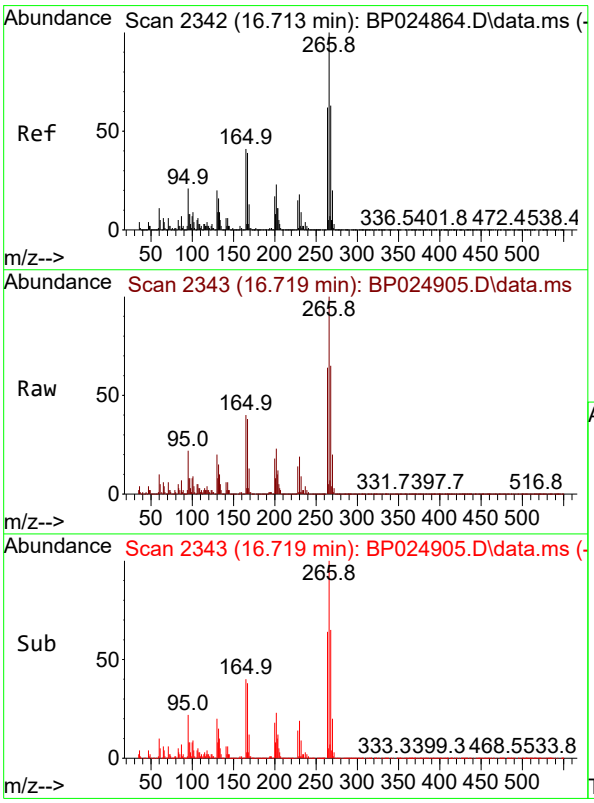
#69
Atrazine
Concen: 40.312 ng
RT: 16.525 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 570932

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	47.8	28.7	68.7

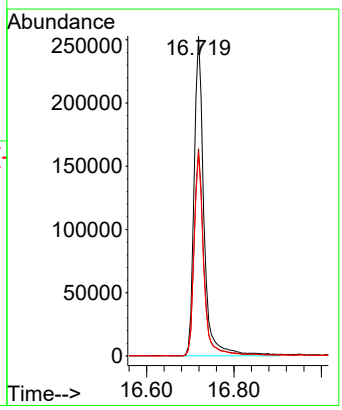


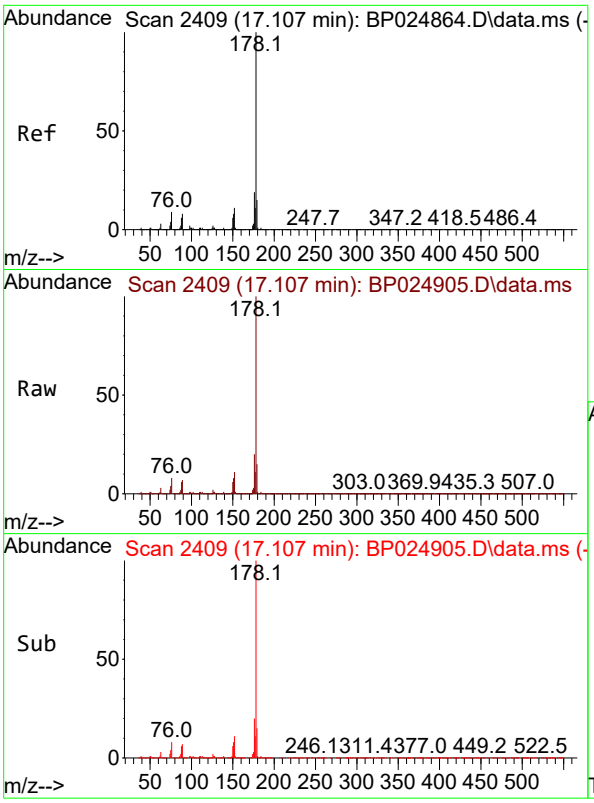


#70
Pentachlorophenol
Concen: 44.484 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:266 Resp: 396935

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.6	76.0
264	63.5	49.7	74.5



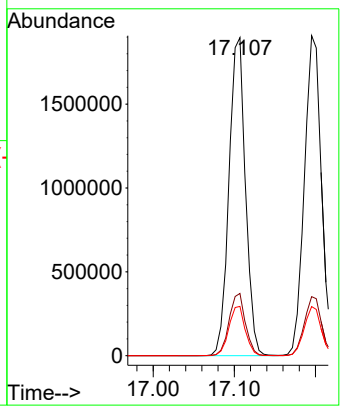


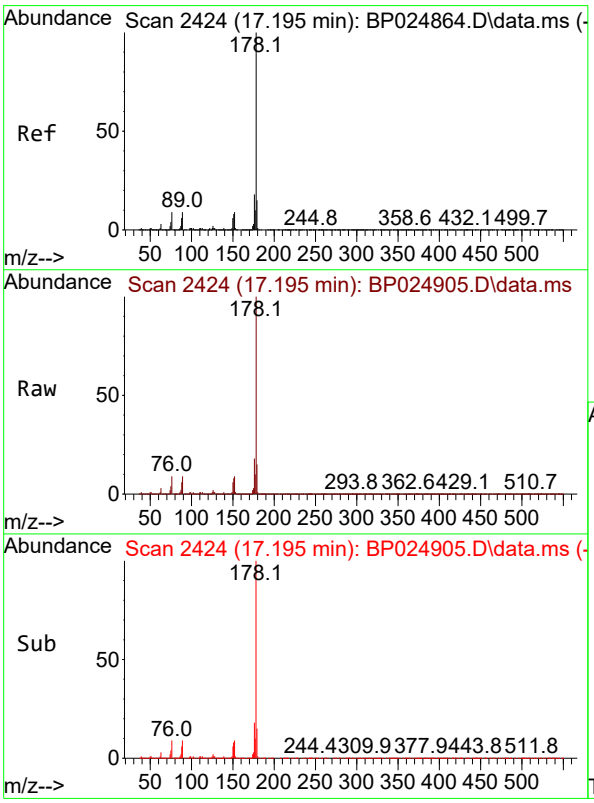
#71
Phenanthrene
Concen: 38.348 ng
RT: 17.107 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2671101

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.5	12.1	18.1

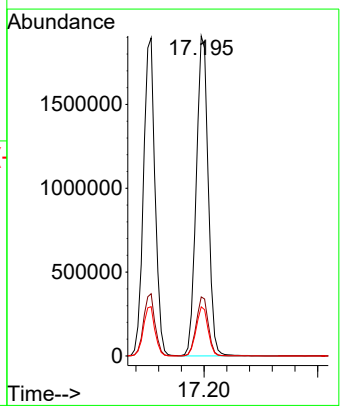


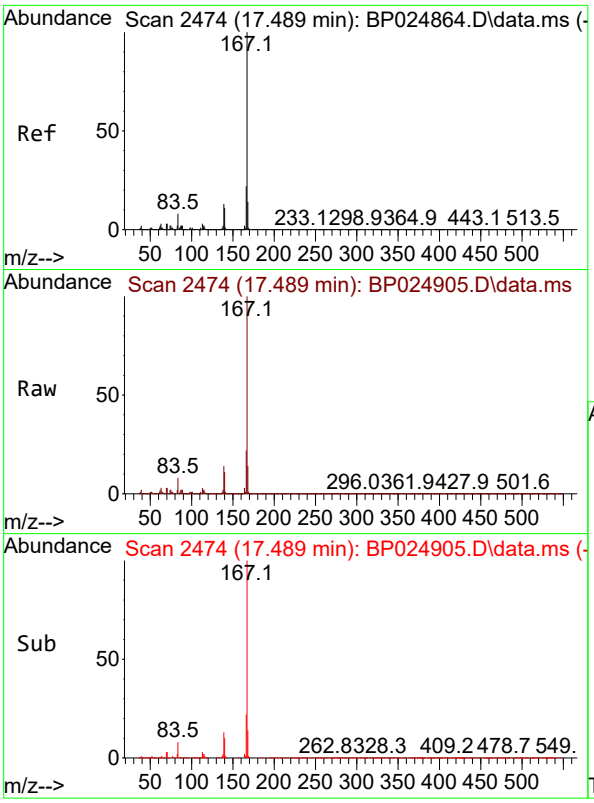


#72
Anthracene
Concen: 39.555 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:178 Resp: 2790378

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.3	18.5



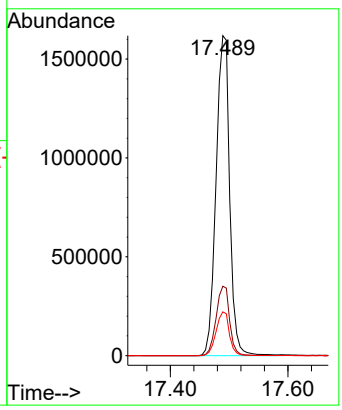


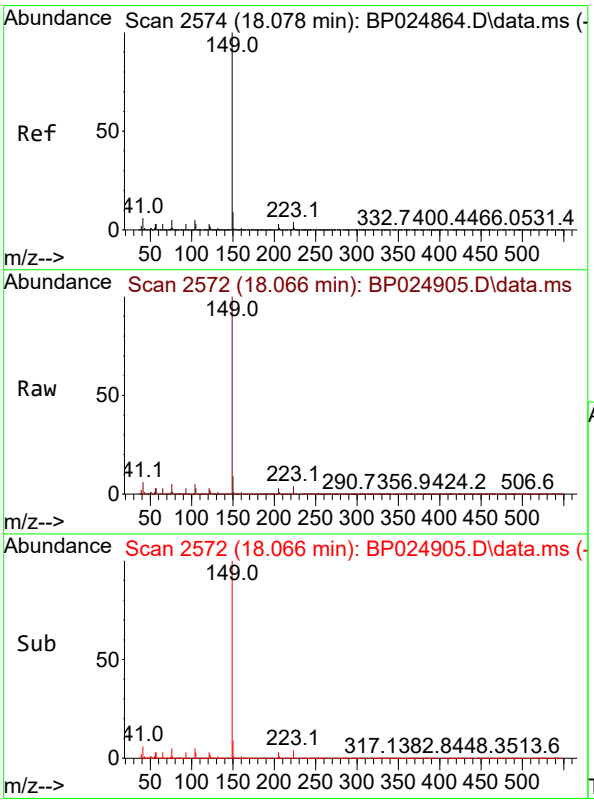
#73
Carbazole
Concen: 39.707 ng
RT: 17.489 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2596337

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.7	10.8	16.2

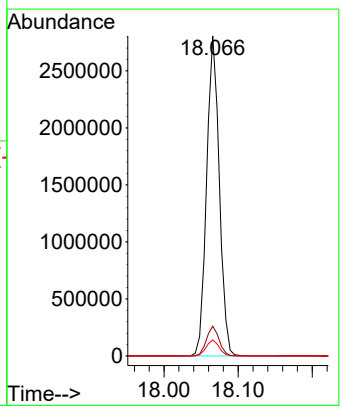


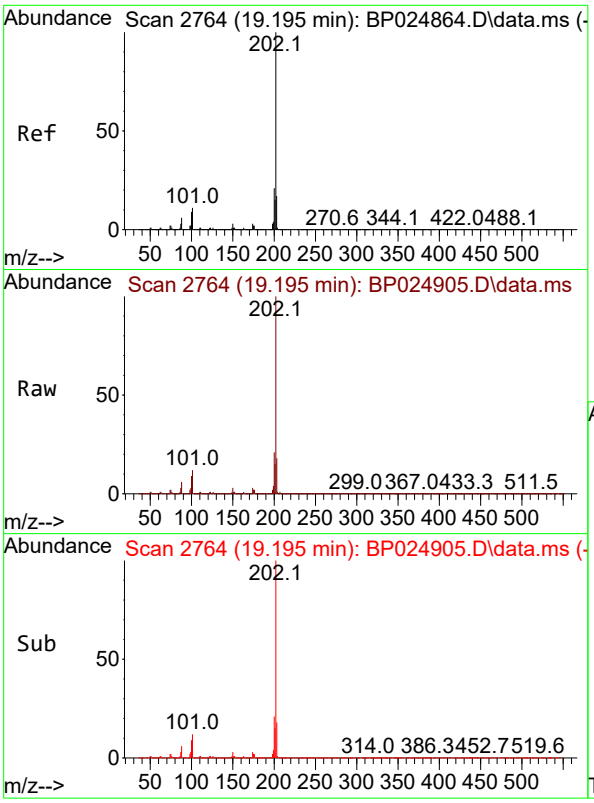


#74
Di-n-butylphthalate
Concen: 41.136 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:149 Resp: 3332590

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	4.2	6.2



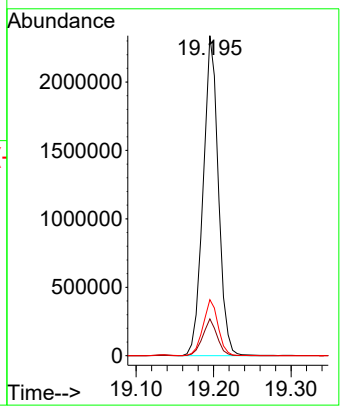


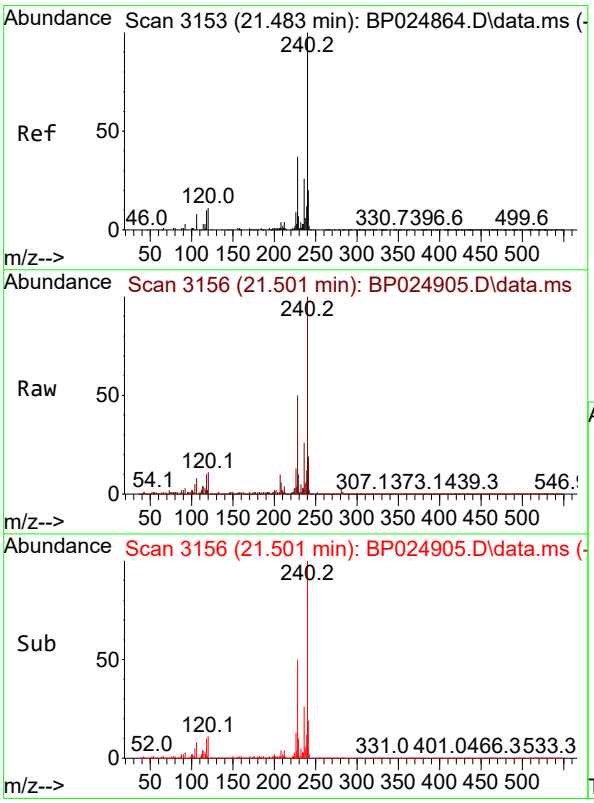
#75
Fluoranthene
Concen: 39.352 ng
RT: 19.195 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3176954

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.5	0.0	37.5

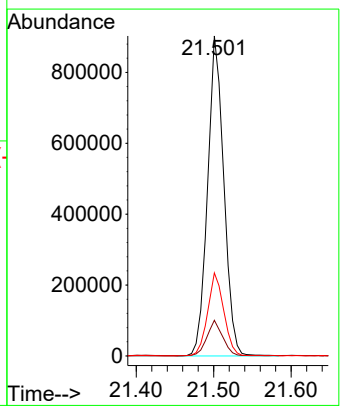


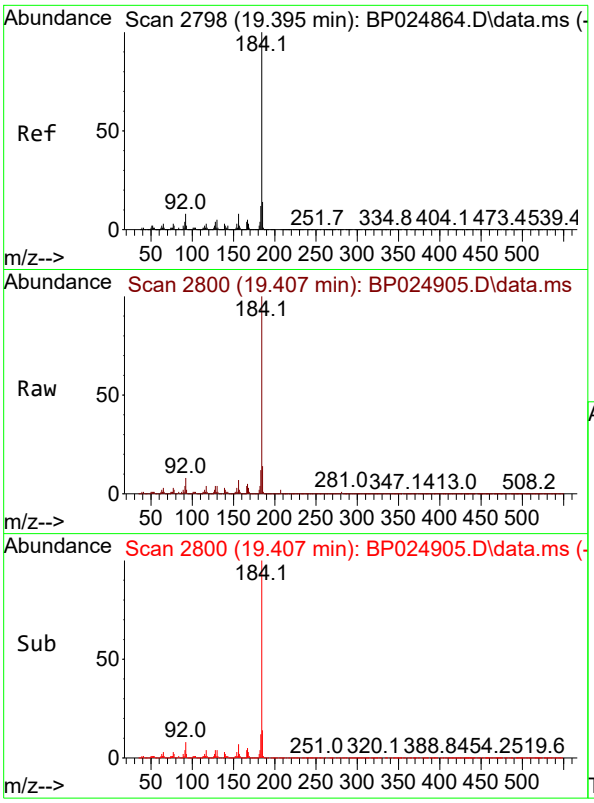


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:240 Resp: 1315011

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.0	20.9	31.3



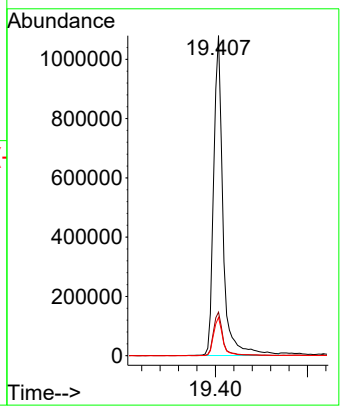


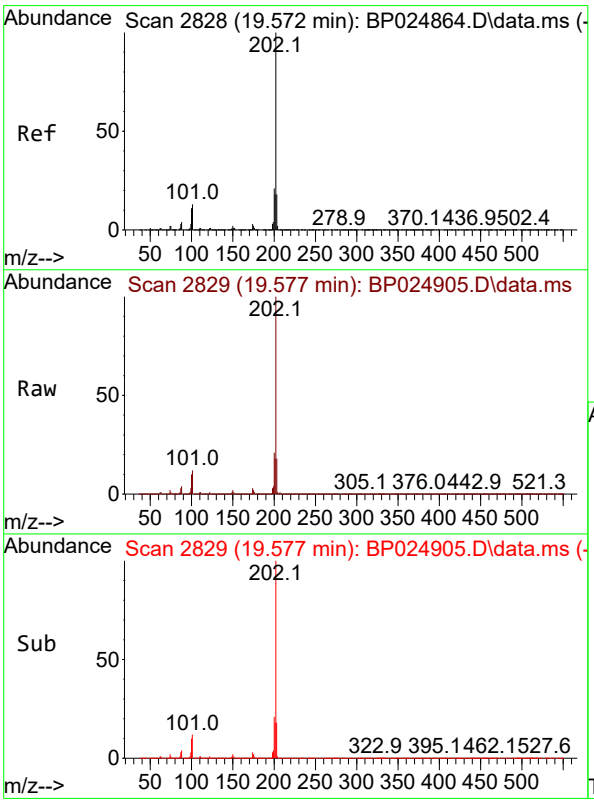
#77
Benzidine
Concen: 37.479 ng
RT: 19.407 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1526422

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.0
183	11.9	9.5	14.3

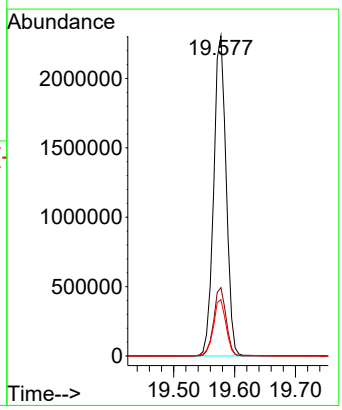


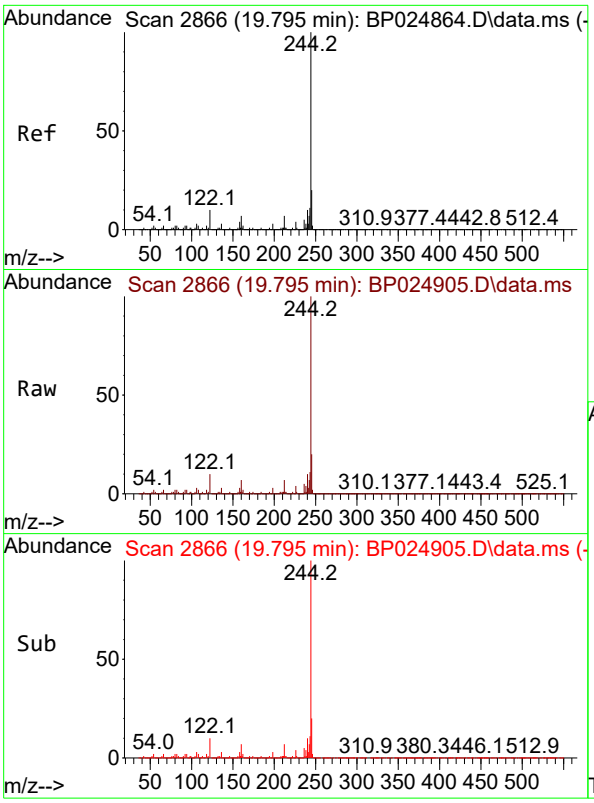


#78
Pyrene
Concen: 39.770 ng
RT: 19.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:202 Resp: 3267308

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.6	14.0	21.0



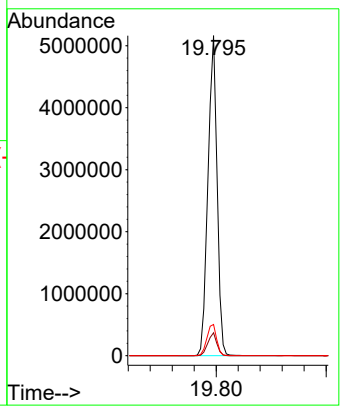


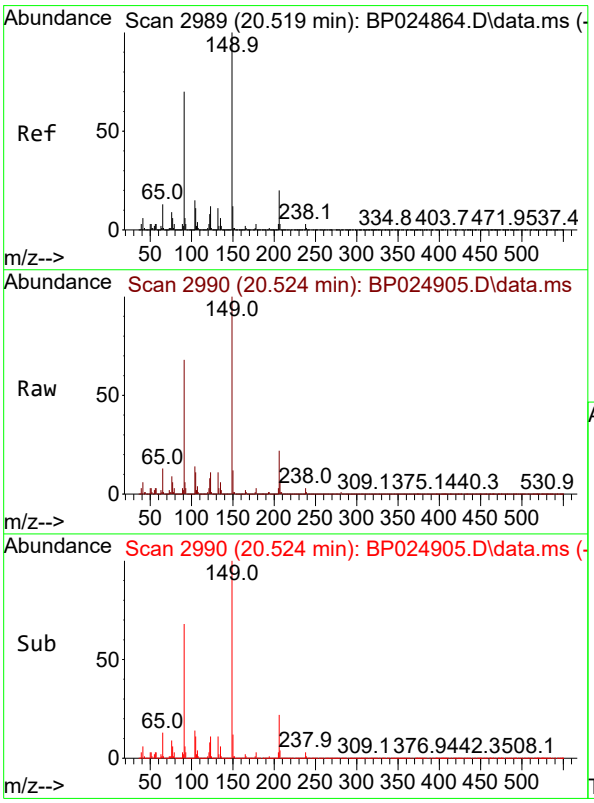
#79
Terphenyl-d14
Concen: 80.799 ng
RT: 19.795 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 5928363

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.8	7.7	11.5

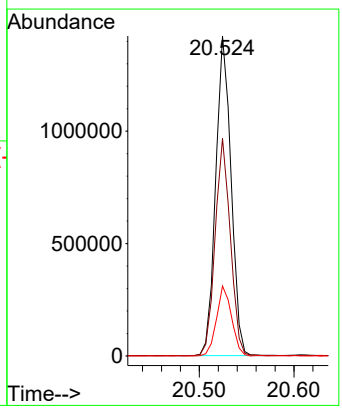


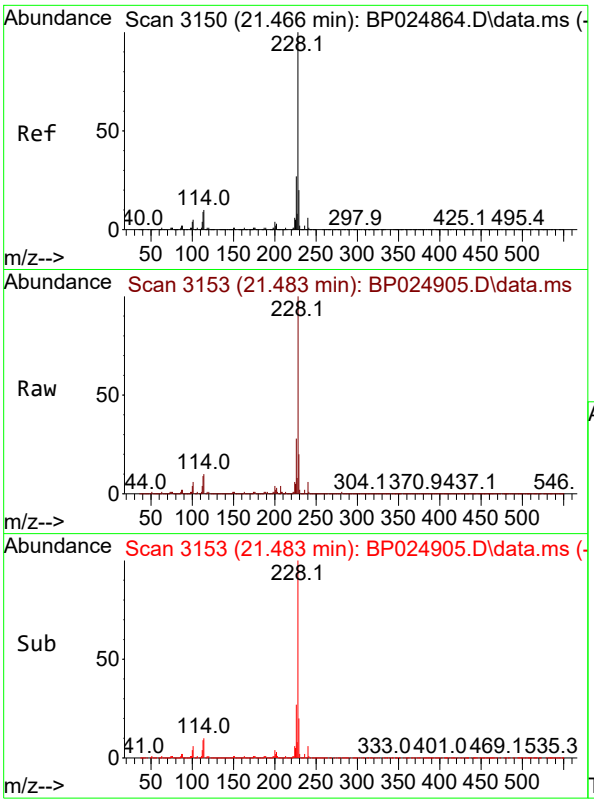


#80
Butylbenzylphthalate
Concen: 42.576 ng
RT: 20.524 min Scan# 2990
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:149 Resp: 1602182

Ion	Ratio	Lower	Upper
149	100		
91	68.0	55.8	83.8
206	21.8	16.2	24.2



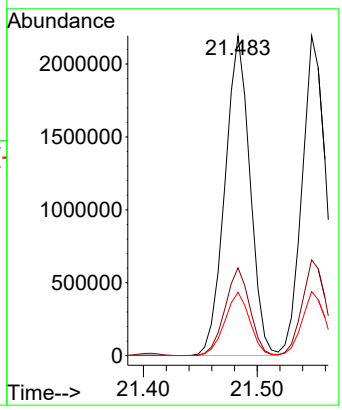


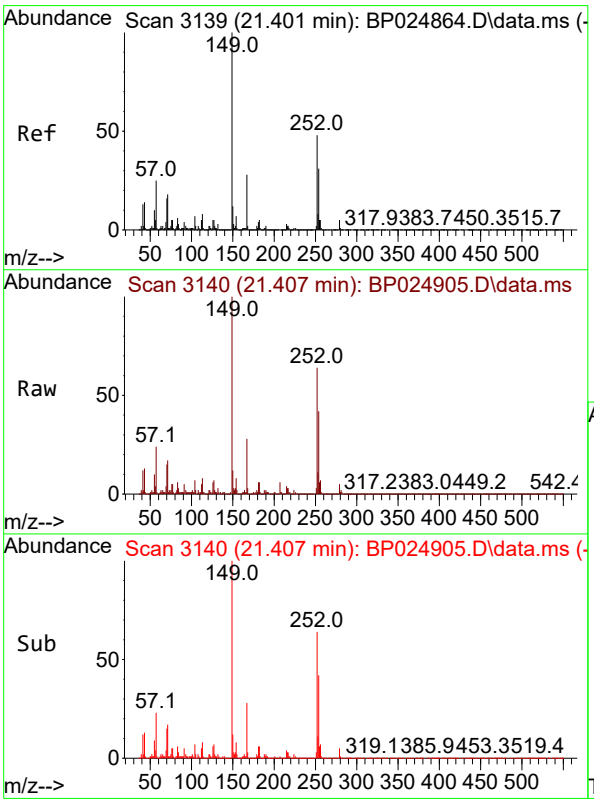
#81
Benzo(a)anthracene
Concen: 39.910 ng
RT: 21.483 min Scan# 3
Delta R.T. 0.017 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3356654

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.9	15.9	23.9

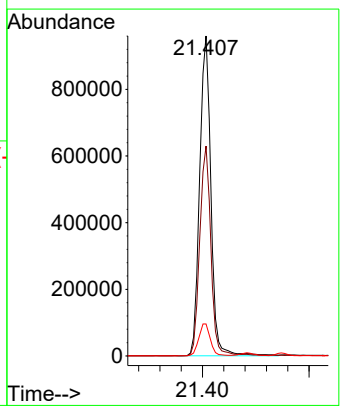


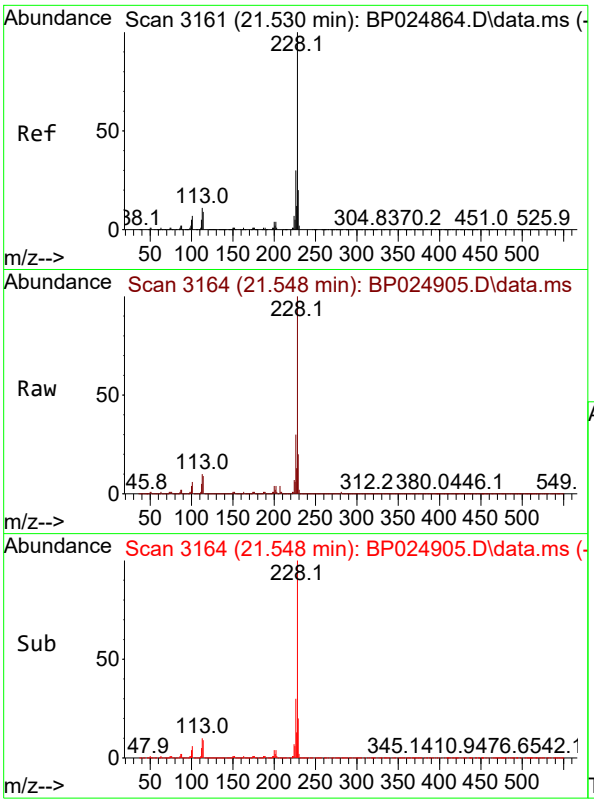


#82
3,3'-Dichlorobenzidine
Concen: 42.142 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:252 Resp: 1407141

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	10.0	8.6	12.8



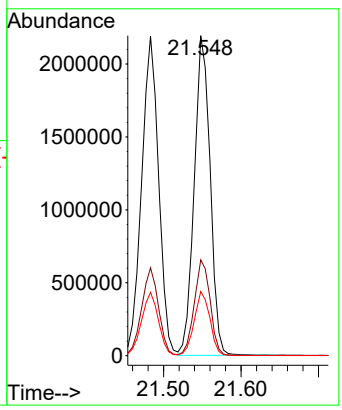


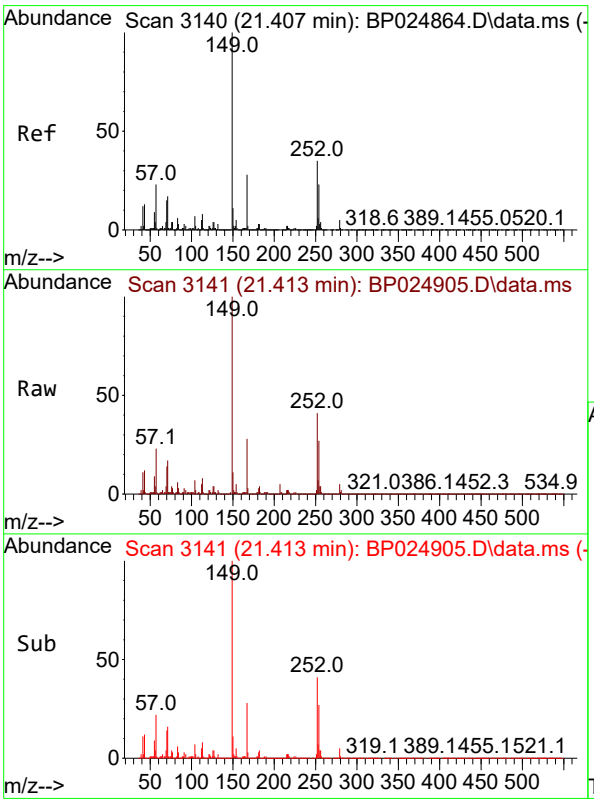
#83
Chrysene
Concen: 39.221 ng
RT: 21.548 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3125590

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	20.0	15.6	23.4

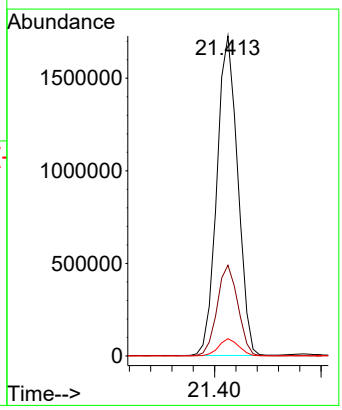


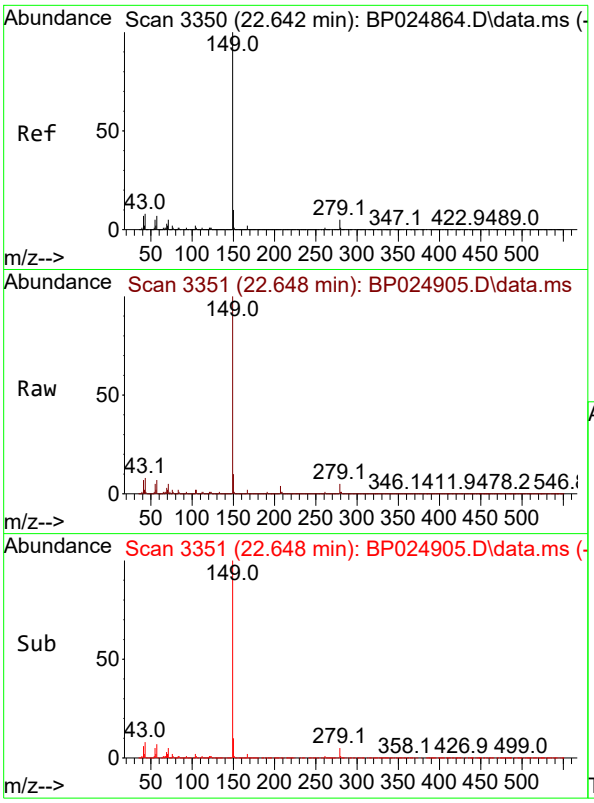


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.464 ng
RT: 21.413 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:149 Resp: 2343390

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	5.4	4.0	6.0



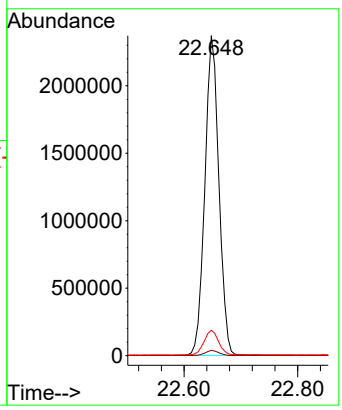


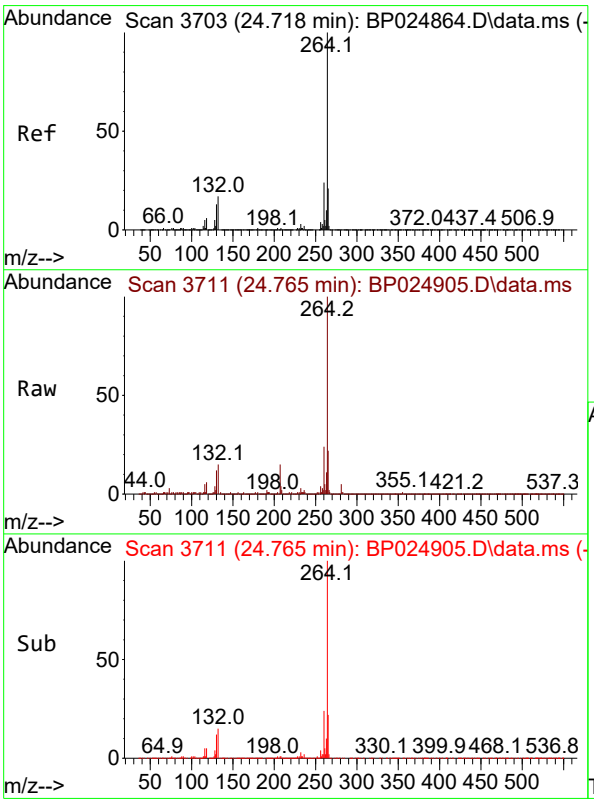
#85
Di-n-octyl phthalate
Concen: 42.508 ng
RT: 22.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4039619

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.6	10.0

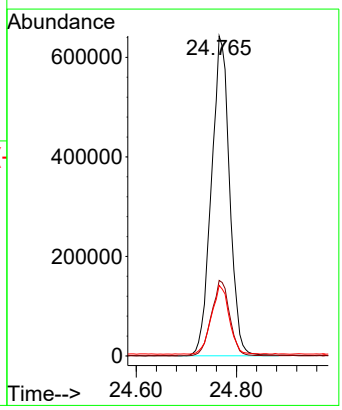


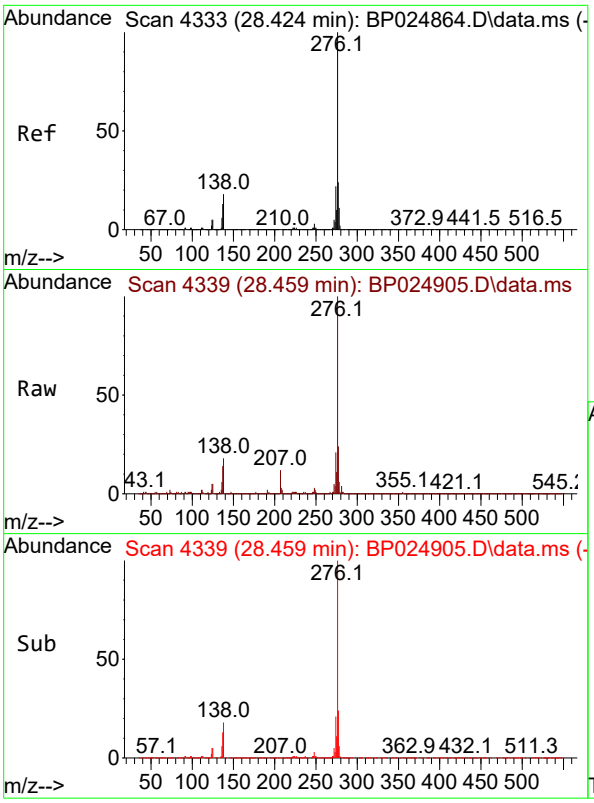


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.047 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:264 Resp: 1615997

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.0	17.4	26.0



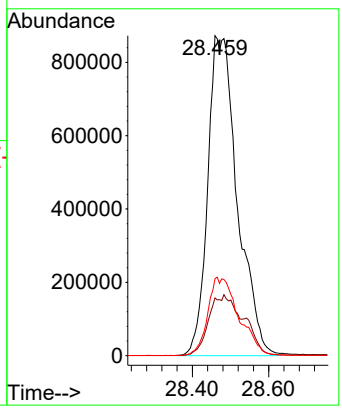


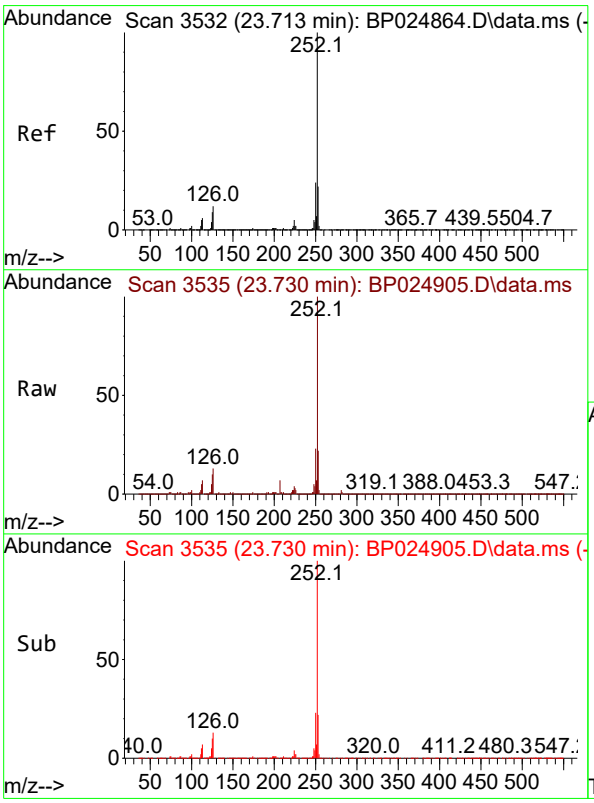
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.843 ng m
RT: 28.459 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 4697757

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.6	27.8#
277	10.3	20.2	30.4#

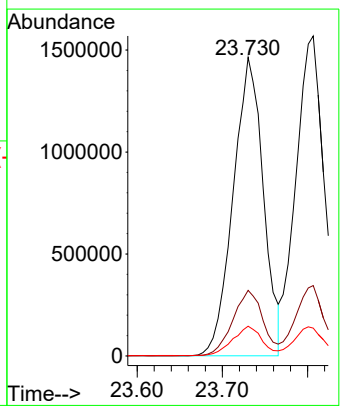


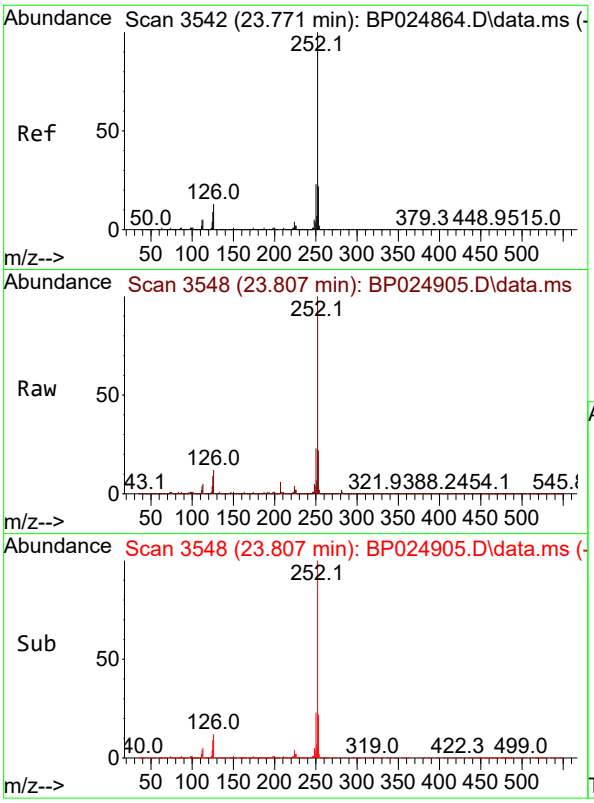


#88
Benzo(b)fluoranthene
Concen: 38.906 ng
RT: 23.730 min Scan# 3535
Delta R.T. 0.018 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:252 Resp: 3598152

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.0	7.1	10.7



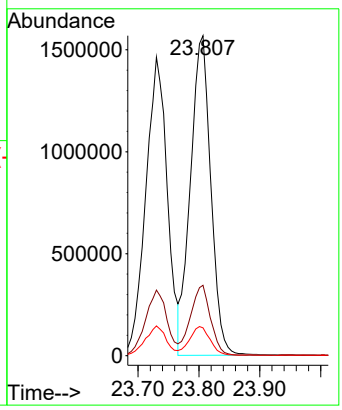


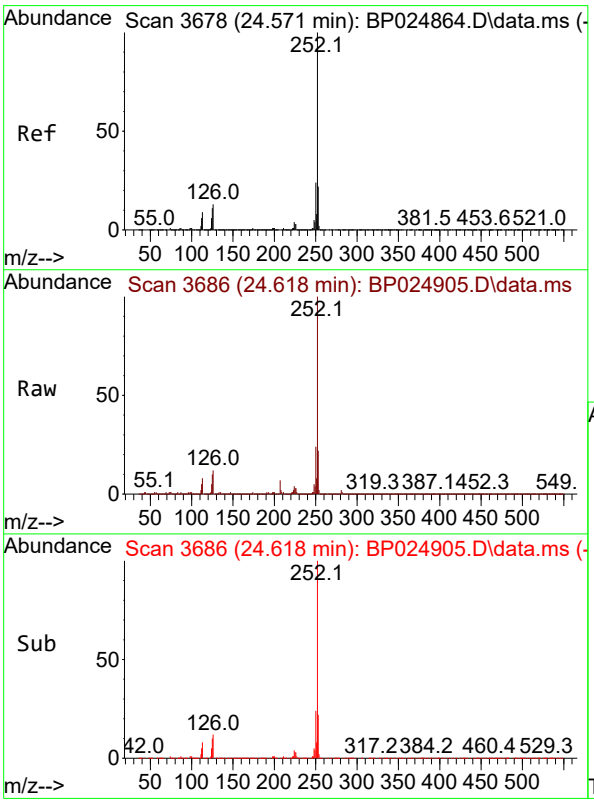
#89
Benzo(k)fluoranthene
Concen: 38.597 ng
RT: 23.807 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3633530

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.7	7.4	11.0

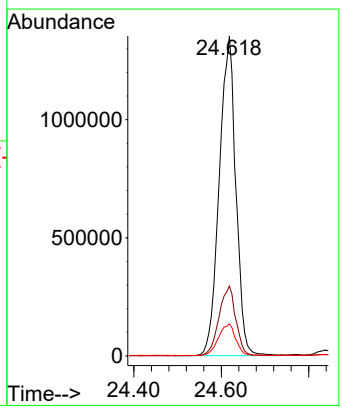


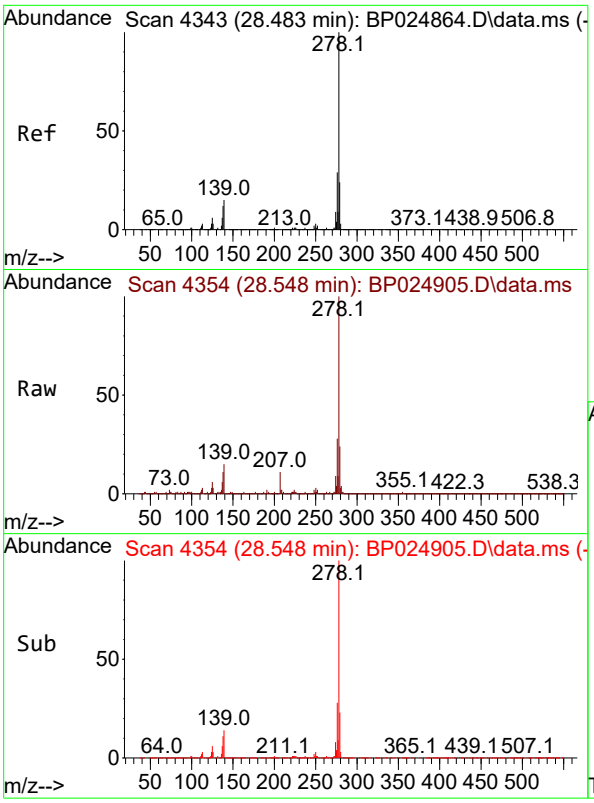


#90
Benzo(a)pyrene
Concen: 39.290 ng
RT: 24.618 min Scan# 3686
Delta R.T. 0.047 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:252 Resp: 3548573

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.8	13.2



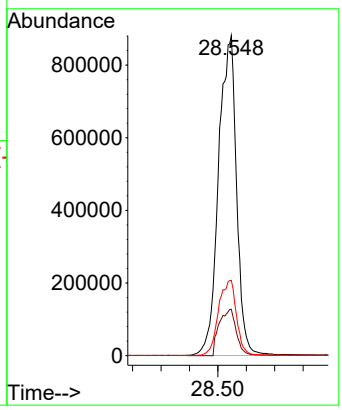


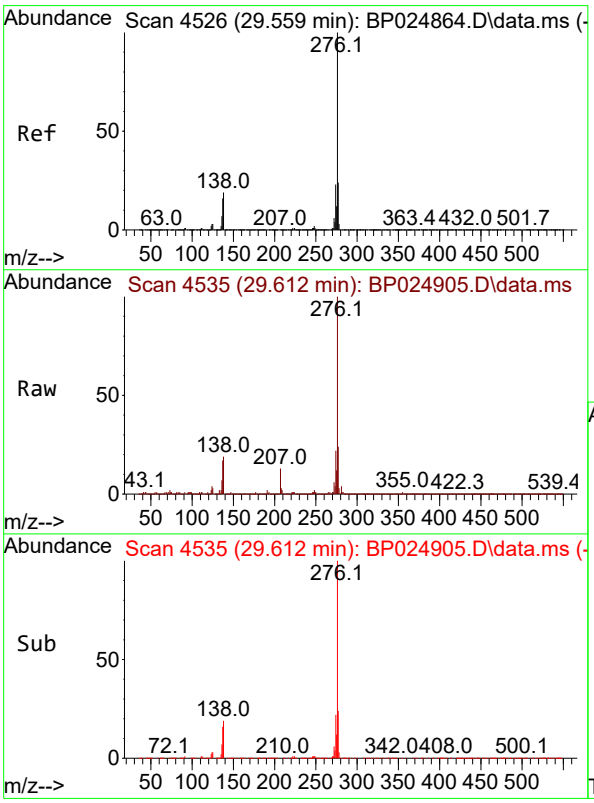
#91
Dibenzo(a,h)anthracene
Concen: 40.329 ng
RT: 28.548 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3870485

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.0	18.0
279	23.5	19.1	28.7

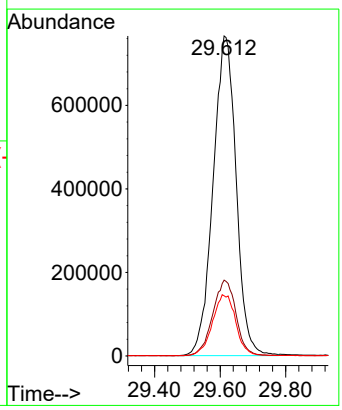




#92
Benzo(g,h,i)perylene
Concen: 39.100 ng
RT: 29.612 min Scan# 4535
Delta R.T. 0.053 min
Lab File: BP024905.D
Acq: 11 Jun 2025 10:09

Tgt Ion:276 Resp: 3723270

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	18.8	15.4	23.2



Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	98	0.00
2		1,4-Dioxane	0.527	0.507	3.8	100	0.00
3		Pyridine	1.268	1.246	1.7	99	0.00
4		n-Nitrosodimethylamine	0.518	0.480	7.3	94	0.00
5	S	2-Fluorophenol	1.198	1.226	-2.3	103	0.00
6		Aniline	2.023	2.004	0.9	99	0.00
7	S	Phenol-d6	1.585	1.563	1.4	99	0.00
8		2-Chlorophenol	1.358	1.365	-0.5	102	0.00
9		Benzaldehyde	0.914	0.937	-2.5	105	0.00
10	C	Phenol	1.634	1.618	1.0	100	0.00
11		bis(2-Chloroethyl)ether	1.285	1.265	1.6	100	0.00
12		1,3-Dichlorobenzene	1.515	1.500	1.0	103	0.00
13	C	1,4-Dichlorobenzene	1.529	1.531	-0.1	104	0.00
14		1,2-Dichlorobenzene	1.501	1.458	2.9	102	0.00
15		Benzyl Alcohol	1.217	1.202	1.2	101	0.00
16		2,2'-oxybis(1-Chloropropane	1.682	1.580	6.1	98	0.00
17		2-Methylphenol	1.141	1.112	2.5	98	0.00
18		Hexachloroethane	0.576	0.549	4.7	99	0.00
19	P	n-Nitroso-di-n-propylamine	1.078	1.023	5.1	96	0.00
20		3+4-Methylphenols	1.557	1.486	4.6	97	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22		Acetophenone	0.505	0.502	0.6	96	0.00
23	S	Nitrobenzene-d5	0.412	0.408	1.0	95	0.00
24		Nitrobenzene	0.366	0.359	1.9	94	0.00
25		Isophorone	0.713	0.698	2.1	95	0.00
26	C	2-Nitrophenol	0.180	0.190	-5.6	99	0.00
27		2,4-Dimethylphenol	0.309	0.313	-1.3	97	0.00
28		bis(2-Chloroethoxy)methane	0.426	0.416	2.3	95	0.00
29	C	2,4-Dichlorophenol	0.296	0.307	-3.7	99	0.00
30		1,2,4-Trichlorobenzene	0.334	0.330	1.2	98	0.00
31		Naphthalene	1.025	1.019	0.6	97	0.00
32		Benzoic acid	0.209	0.201	3.8	93	0.00
33		4-Chloroaniline	0.429	0.431	-0.5	95	0.00
34	C	Hexachlorobutadiene	0.201	0.207	-3.0	100	0.00
35		Caprolactam	0.109	0.111	-1.8	95	0.00
36	C	4-Chloro-3-methylphenol	0.342	0.342	0.0	95	0.00
37		2-Methylnaphthalene	0.650	0.650	0.0	97	0.00
38		1-Methylnaphthalene	0.695	0.687	1.2	97	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00
40		1,2,4,5-Tetrachlorobenzene	0.568	0.573	-0.9	98	0.00
41	P	Hexachlorocyclopentadiene	0.346	0.317	8.4	87	0.00
42	S	2,4,6-Tribromophenol	0.277	0.297	-7.2	102	0.00
43	C	2,4,6-Trichlorophenol	0.381	0.394	-3.4	97	0.00
44		2,4,5-Trichlorophenol	0.408	0.432	-5.9	98	0.01
45	S	2-Fluorobiphenyl	1.485	1.486	-0.1	99	0.00
46		1,1'-Biphenyl	1.453	1.472	-1.3	98	0.01
47		2-Chloronaphthalene	1.117	1.114	0.3	96	0.00

Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	0.343	0.347	-1.2	93	0.01
49		Acenaphthylene	1.863	1.851	0.6	97	0.00
50		Dimethylphthalate	1.475	1.466	0.6	97	0.00
51		2,6-Dinitrotoluene	0.318	0.317	0.3	94	0.00
52	C	Acenaphthene	1.067	1.048	1.8	95	0.01
53		3-Nitroaniline	0.330	0.352	-6.7	96	0.00
54	P	2,4-Dinitrophenol	0.178	0.185	-3.9	96	0.01
55		Dibenzofuran	1.713	1.692	1.2	96	0.00
56	P	4-Nitrophenol	0.239	0.237	0.8	88	0.02
57		2,4-Dinitrotoluene	0.445	0.460	-3.4	97	0.01
58		Fluorene	1.384	1.387	-0.2	98	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.375	-2.7	98	0.00
60		Diethylphthalate	1.470	1.506	-2.4	100	0.00
61		4-Chlorophenyl-phenylether	0.677	0.684	-1.0	99	0.00
62		4-Nitroaniline	0.299	0.338	-13.0	100	0.00
63		Azobenzene	1.349	1.343	0.4	95	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	0.131	0.133	-1.5	98	0.00
66	c	n-Nitrosodiphenylamine	0.620	0.603	2.7	97	0.00
67		4-Bromophenyl-phenylether	0.226	0.229	-1.3	104	0.00
68		Hexachlorobenzene	0.274	0.274	0.0	101	0.00
69		Atrazine	0.225	0.226	-0.4	101	0.00
70	C	Pentachlorophenol	0.142	0.157	-10.6	110	0.00
71		Phenanthrene	1.105	1.060	4.1	97	0.00
72		Anthracene	1.119	1.107	1.1	100	0.00
73		Carbazole	1.038	1.030	0.8	100	0.00
74		Di-n-butylphthalate	1.285	1.322	-2.9	100	-0.01
75	C	Fluoranthene	1.281	1.260	1.6	99	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	94	0.02
77		Benzidine	0.619	0.580	6.3	84	0.01
78		Pyrene	1.249	1.242	0.6	99	0.00
79	S	Terphenyl-d14	1.116	1.127	-1.0	97	0.00
80		Butylbenzylphthalate	0.572	0.609	-6.5	102	0.00
81		Benzo(a)anthracene	1.279	1.276	0.2	98	0.02
82		3,3'-Dichlorobenzidine	0.508	0.535	-5.3	102	0.00
83		Chrysene	1.212	1.188	2.0	98	0.02
84		Bis(2-ethylhexyl)phthalate	0.820	0.891	-8.7	105	0.00
85	c	Di-n-octyl phthalate	1.445	1.536	-6.3	104	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.05
87		Indeno(1,2,3-cd)pyrene	1.459	1.454	0.3	101	0.04
88		Benzo(b)fluoranthene	1.145	1.113	2.8	97	0.02
89		Benzo(k)fluoranthene	1.165	1.124	3.5	100	0.04
90	C	Benzo(a)pyrene	1.118	1.098	1.8	101	0.05
91		Dibenzo(a,h)anthracene	1.188	1.198	-0.8	103	0.06
92		Benzo(g,h,i)perylene	1.179	1.152	2.3	100	0.05

Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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

Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	98	0.00
2		1,4-Dioxane	40.000	38.470	3.8	100	0.00
3		Pyridine	40.000	39.299	1.8	99	0.00
4		n-Nitrosodimethylamine	40.000	37.030	7.4	94	0.00
5	S	2-Fluorophenol	80.000	81.868	-2.3	103	0.00
6		Aniline	40.000	39.624	0.9	99	0.00
7	S	Phenol-d6	80.000	78.890	1.4	99	0.00
8		2-Chlorophenol	40.000	40.202	-0.5	102	0.00
9		Benzaldehyde	40.000	40.999	-2.5	105	0.00
10	C	Phenol	40.000	39.598	1.0	100	0.00
11		bis(2-Chloroethyl)ether	40.000	39.351	1.6	100	0.00
12		1,3-Dichlorobenzene	40.000	39.599	1.0	103	0.00
13	C	1,4-Dichlorobenzene	40.000	40.053	-0.1	104	0.00
14		1,2-Dichlorobenzene	40.000	38.851	2.9	102	0.00
15		Benzyl Alcohol	40.000	39.517	1.2	101	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	98	0.00
17		2-Methylphenol	40.000	38.970	2.6	98	0.00
18		Hexachloroethane	40.000	38.147	4.6	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.987	5.0	96	0.00
20		3+4-Methylphenols	40.000	38.168	4.6	97	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22		Acetophenone	40.000	39.725	0.7	96	0.00
23	S	Nitrobenzene-d5	80.000	79.380	0.8	95	0.00
24		Nitrobenzene	40.000	39.281	1.8	94	0.00
25		Isophorone	40.000	39.161	2.1	95	0.00
26	C	2-Nitrophenol	40.000	42.176	-5.4	99	0.00
27		2,4-Dimethylphenol	40.000	40.499	-1.2	97	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.116	2.2	95	0.00
29	C	2,4-Dichlorophenol	40.000	41.456	-3.6	99	0.00
30		1,2,4-Trichlorobenzene	40.000	39.481	1.3	98	0.00
31		Naphthalene	40.000	39.763	0.6	97	0.00
32		Benzoic acid	40.000	38.628	3.4	93	0.00
33		4-Chloroaniline	40.000	40.152	-0.4	95	0.00
34	C	Hexachlorobutadiene	40.000	41.052	-2.6	100	0.00
35		Caprolactam	40.000	40.732	-1.8	95	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.000	0.0	95	0.00
37		2-Methylnaphthalene	40.000	39.974	0.1	97	0.00
38		1-Methylnaphthalene	40.000	39.548	1.1	97	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	92	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.395	-1.0	98	0.00
41	P	Hexachlorocyclopentadiene	40.000	36.639	8.4	87	0.00
42	S	2,4,6-Tribromophenol	80.000	85.787	-7.2	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.363	-3.4	97	0.00
44		2,4,5-Trichlorophenol	40.000	42.319	-5.8	98	0.01
45	S	2-Fluorobiphenyl	80.000	80.089	-0.1	99	0.00
46		1,1'-Biphenyl	40.000	40.501	-1.3	98	0.01
47		2-Chloronaphthalene	40.000	39.900	0.3	96	0.00

Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	40.472	-1.2	93	0.01
49		Acenaphthylene	40.000	39.751	0.6	97	0.00
50		Dimethylphthalate	40.000	39.759	0.6	97	0.00
51		2,6-Dinitrotoluene	40.000	39.898	0.3	94	0.00
52	C	Acenaphthene	40.000	39.258	1.9	95	0.01
53		3-Nitroaniline	40.000	42.628	-6.6	96	0.00
54	P	2,4-Dinitrophenol	40.000	38.879	2.8	96	0.01
55		Dibenzofuran	40.000	39.510	1.2	96	0.00
56	P	4-Nitrophenol	40.000	37.005	7.5	88	0.02
57		2,4-Dinitrotoluene	40.000	41.387	-3.5	97	0.01
58		Fluorene	40.000	40.091	-0.2	98	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.162	-2.9	98	0.00
60		Diethylphthalate	40.000	40.960	-2.4	100	0.00
61		4-Chlorophenyl-phenylether	40.000	40.436	-1.1	99	0.00
62		4-Nitroaniline	40.000	45.138	-12.8	100	0.00
63		Azobenzene	40.000	39.841	0.4	95	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.364	-0.9	98	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.892	2.8	97	0.00
67		4-Bromophenyl-phenylether	40.000	40.567	-1.4	104	0.00
68		Hexachlorobenzene	40.000	40.014	-0.0	101	0.00
69		Atrazine	40.000	40.312	-0.8	101	0.00
70	C	Pentachlorophenol	40.000	44.484	-11.2	110	0.00
71		Phenanthrene	40.000	38.348	4.1	97	0.00
72		Anthracene	40.000	39.555	1.1	100	0.00
73		Carbazole	40.000	39.707	0.7	100	0.00
74		Di-n-butylphthalate	40.000	41.136	-2.8	100	-0.01
75	C	Fluoranthene	40.000	39.352	1.6	99	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	94	0.02
77		Benzidine	40.000	37.479	6.3	84	0.01
78		Pyrene	40.000	39.770	0.6	99	0.00
79	S	Terphenyl-d14	80.000	80.799	-1.0	97	0.00
80		Butylbenzylphthalate	40.000	42.576	-6.4	102	0.00
81		Benzo(a)anthracene	40.000	39.910	0.2	98	0.02
82		3,3'-Dichlorobenzidine	40.000	42.142	-5.4	102	0.00
83		Chrysene	40.000	39.221	1.9	98	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	43.464	-8.7	105	0.00
85	c	Di-n-octyl phthalate	40.000	42.508	-6.3	104	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.05
87		Indeno(1,2,3-cd)pyrene	40.000	39.843	0.4	101	0.04
88		Benzo(b)fluoranthene	40.000	38.906	2.7	97	0.02
89		Benzo(k)fluoranthene	40.000	38.597	3.5	100	0.04
90	C	Benzo(a)pyrene	40.000	39.290	1.8	101	0.05
91		Dibenzo(a,h)anthracene	40.000	40.329	-0.8	103	0.06
92		Benzo(g,h,i)perylene	40.000	39.100	2.2	100	0.05

Sample Results: **BP024905.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

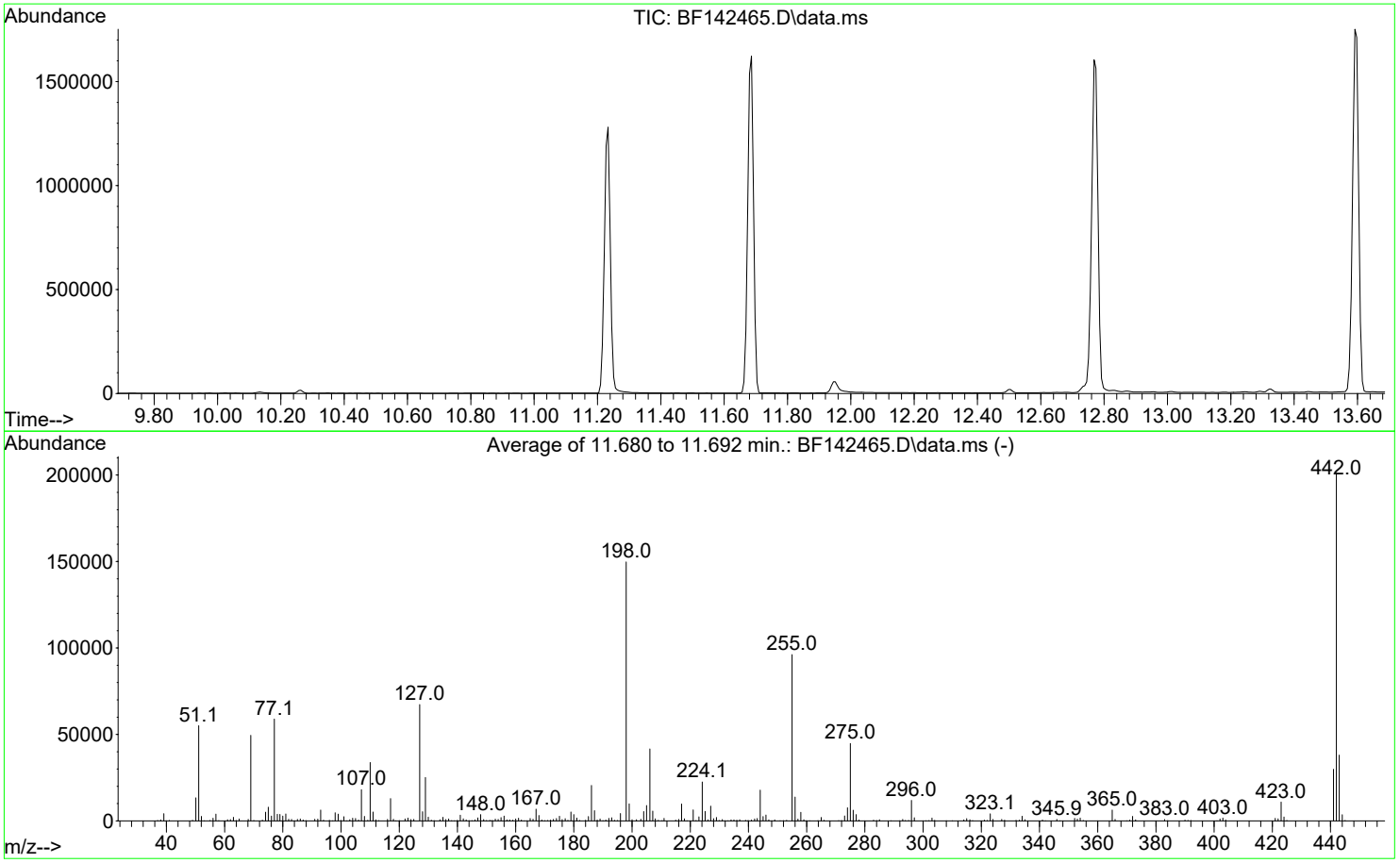
Sample Results: **BF142465.D**

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

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

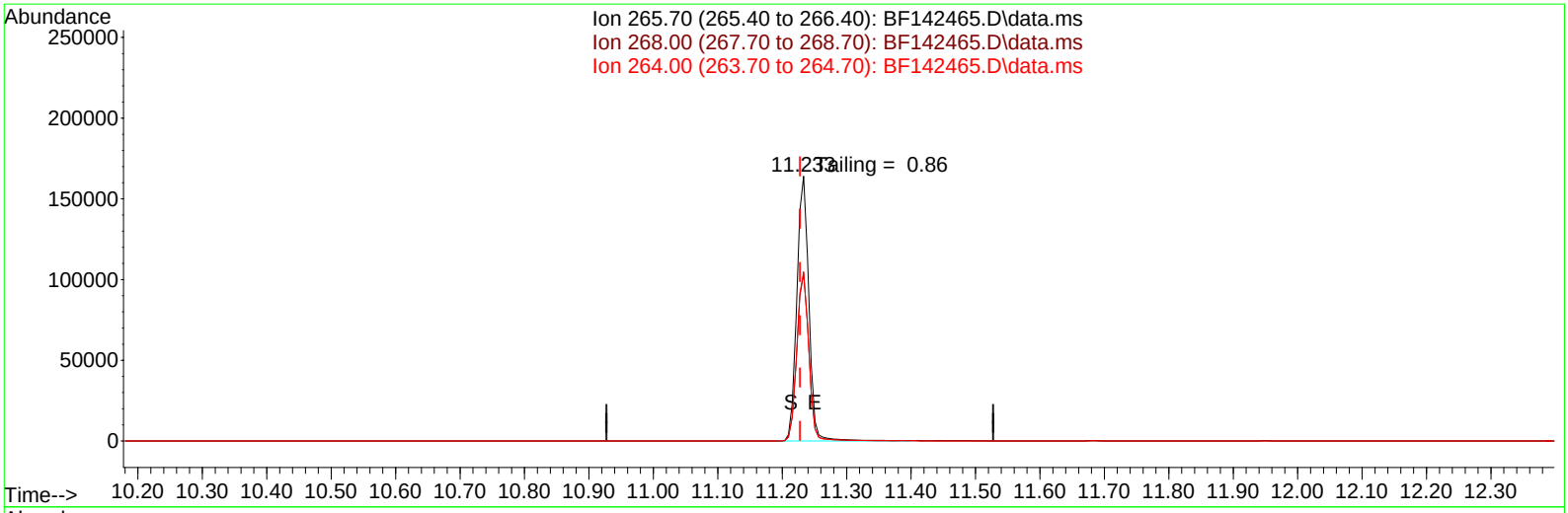
Instrument :
BNA_F
ClientSampleId :
DFTPP

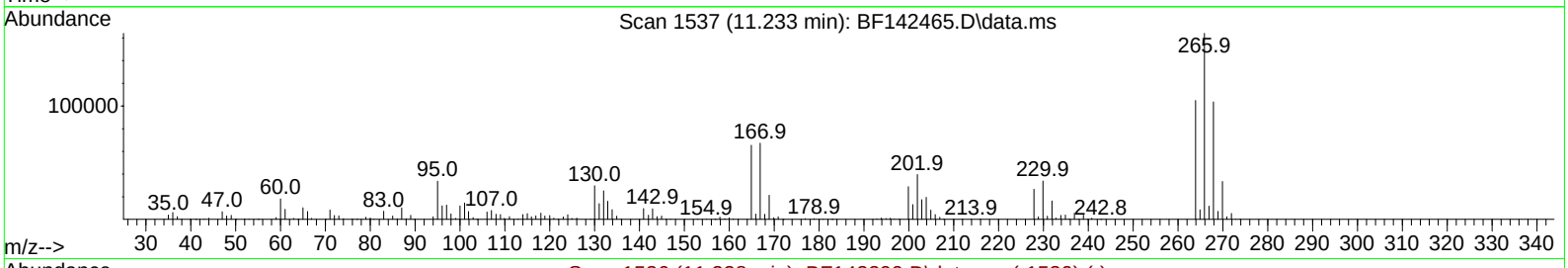
Sample Results: **BF142465.D**

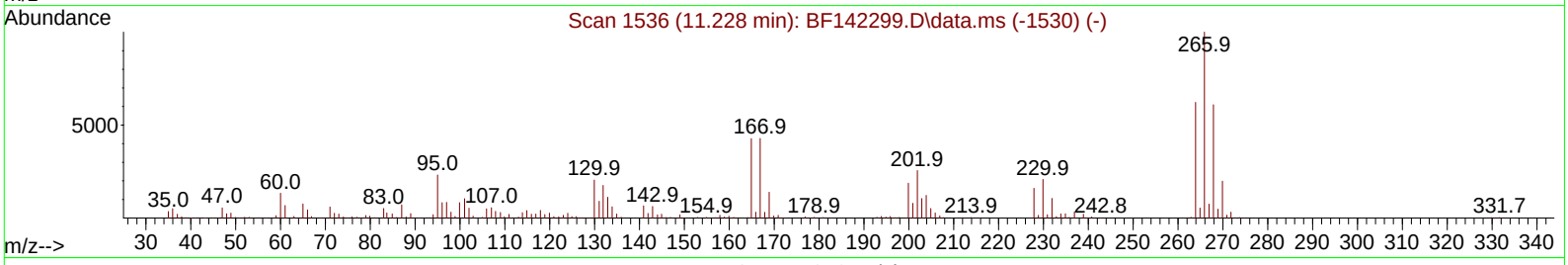
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

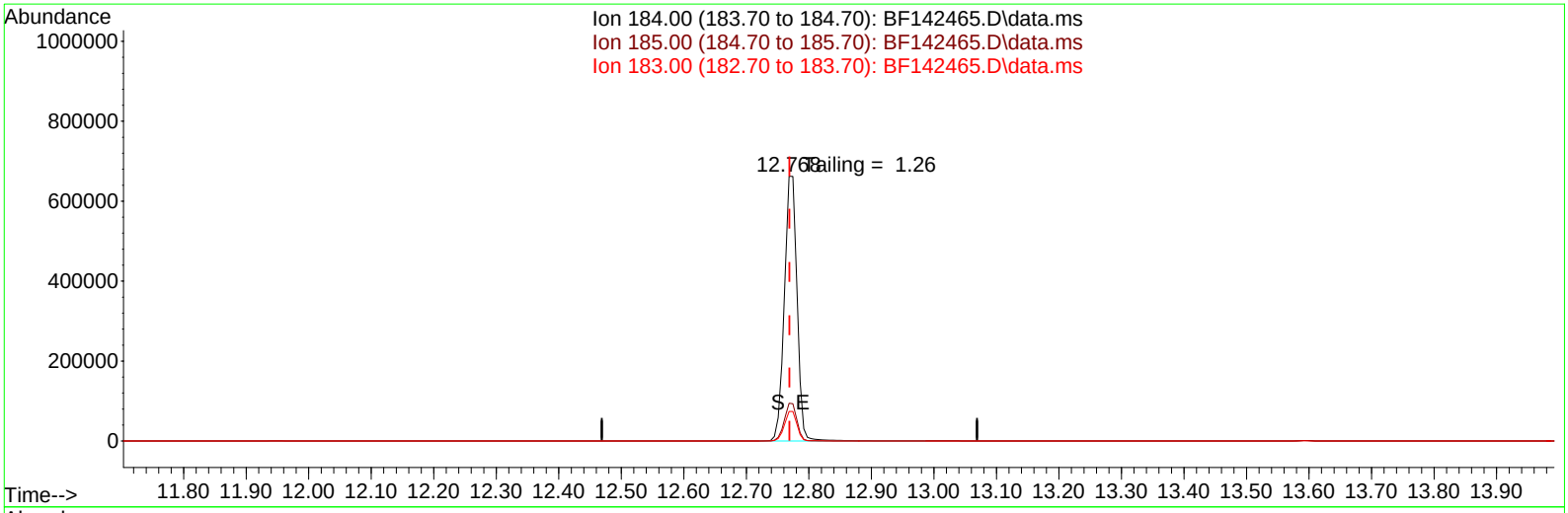
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.21
264.00	62.20	63.93
0.00	0.00	0.00

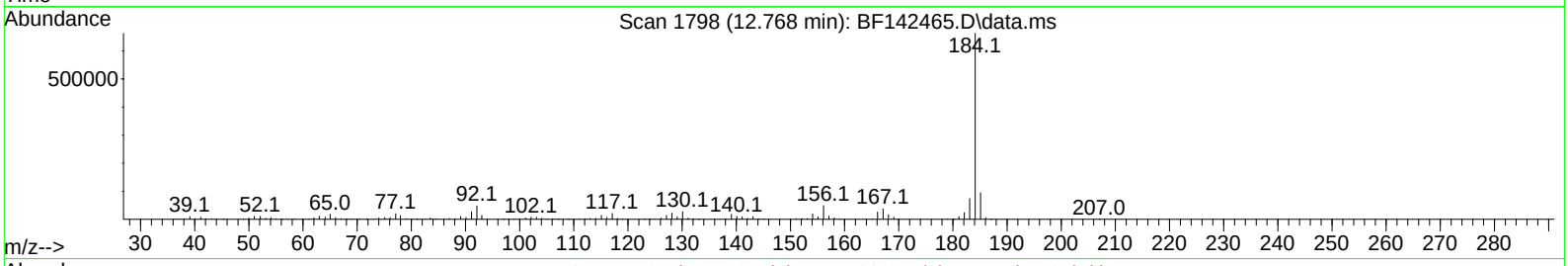
Sample Results: **BF142465.D**

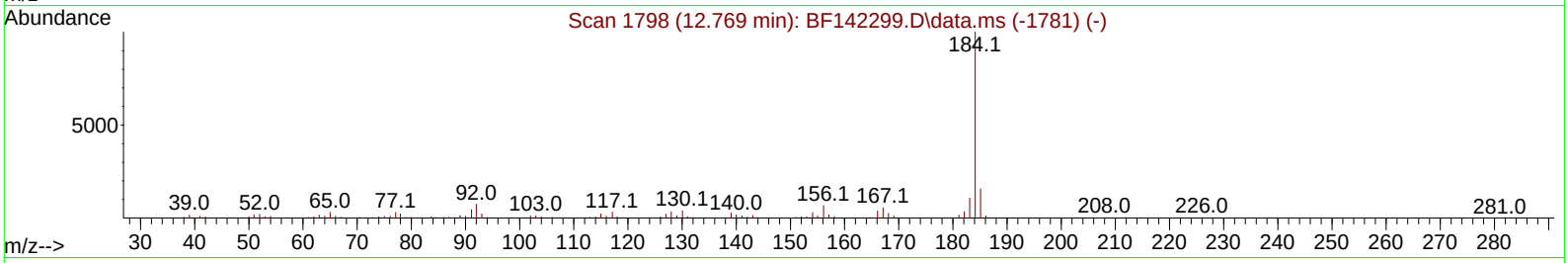
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

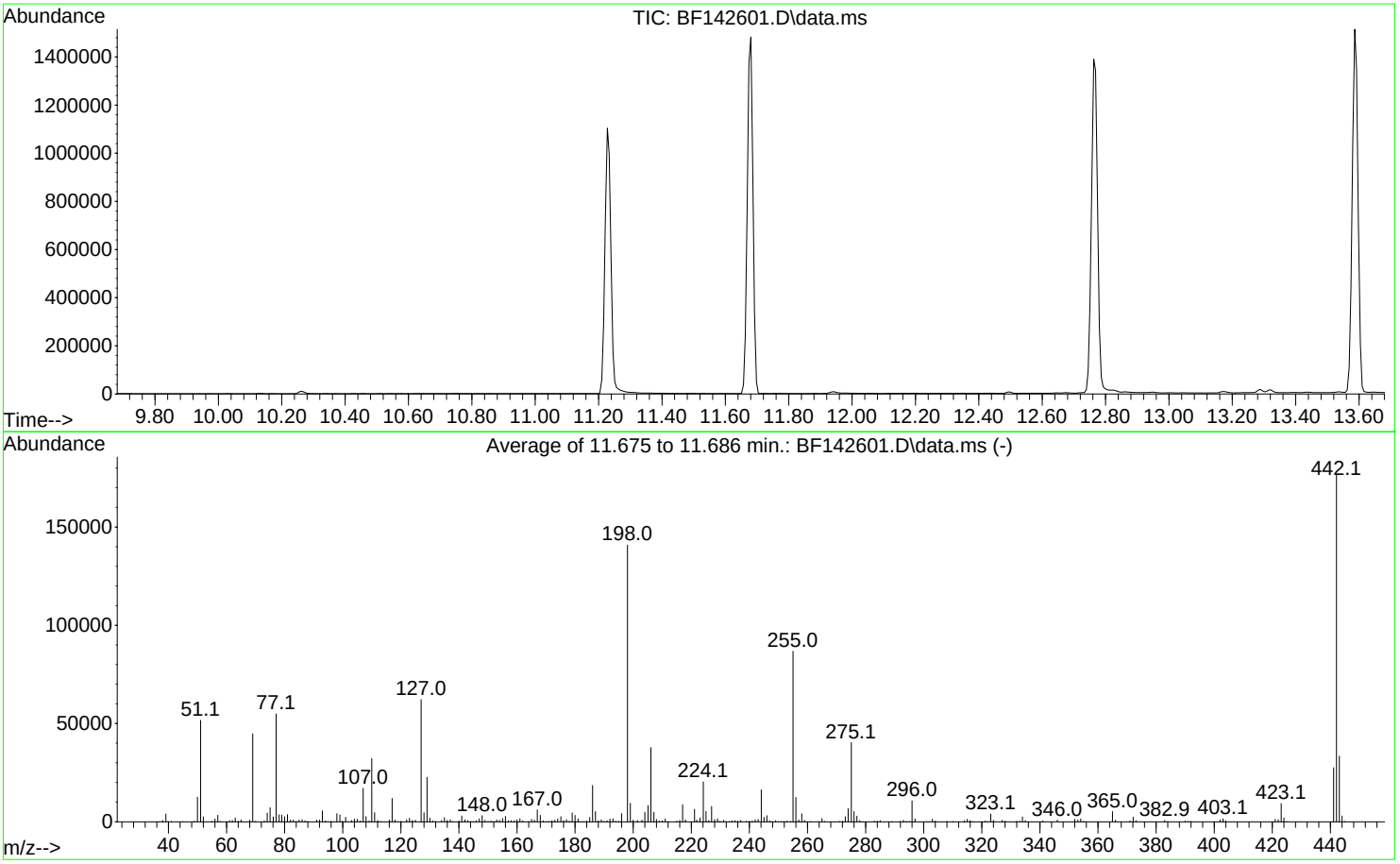
Sample Results: **BF142601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142601.D
Acq On : 04 Jun 2025 11:59
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 1612, 1613, 1614; Background Corrected with Scan 1605

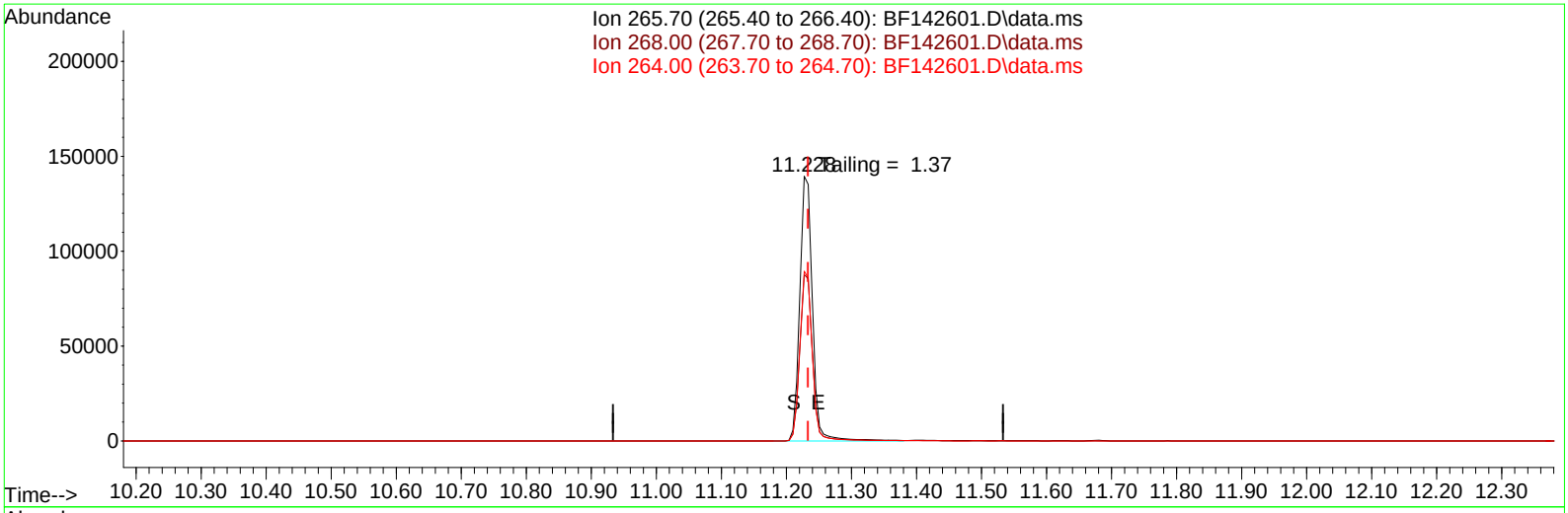
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.7	51635	PASS
68	69	0.00	2	1.8	804	PASS
69	198	0.00	100	31.8	44819	PASS
70	69	0.00	2	0.7	301	PASS
127	198	10	80	44.2	62200	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	140824	PASS
199	198	5	9	6.7	9404	PASS
275	198	10	60	28.6	40309	PASS
365	198	1	100	3.7	5164	PASS
441	198	0.01	100	19.5	27475	PASS
442	442	50	100	100.0	176768	PASS
443	442	15	24	18.9	33427	PASS

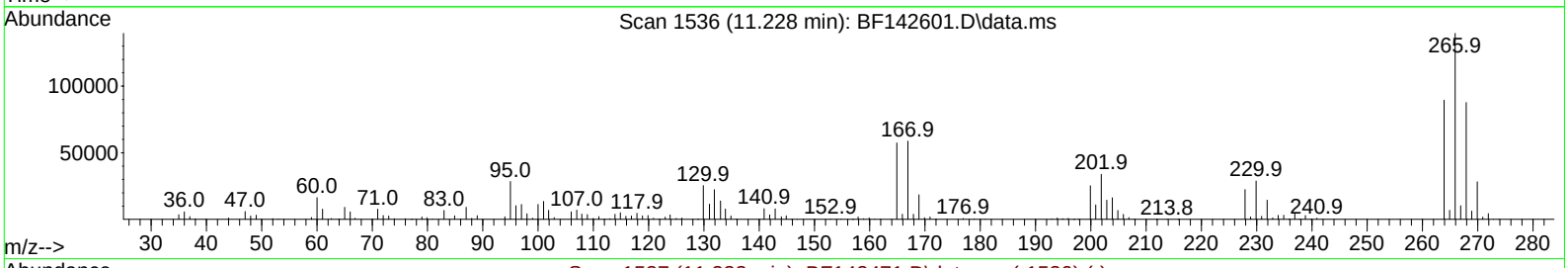
Sample Results: **BF142601.D**

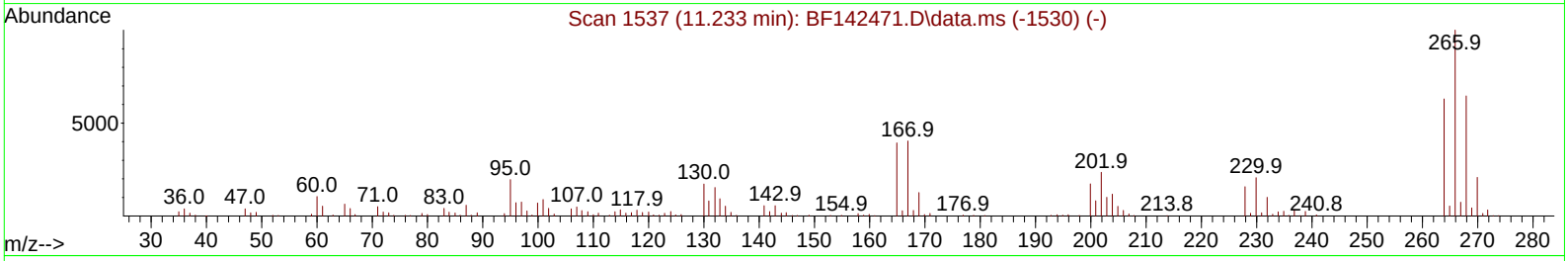
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142601.D
Acq On : 04 Jun 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 04 13:03:58 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: BF142601.D\data.ms

(70) Pentachlorophenol (C)

11.228min (-0.006) 34098.66 ng

response 188828

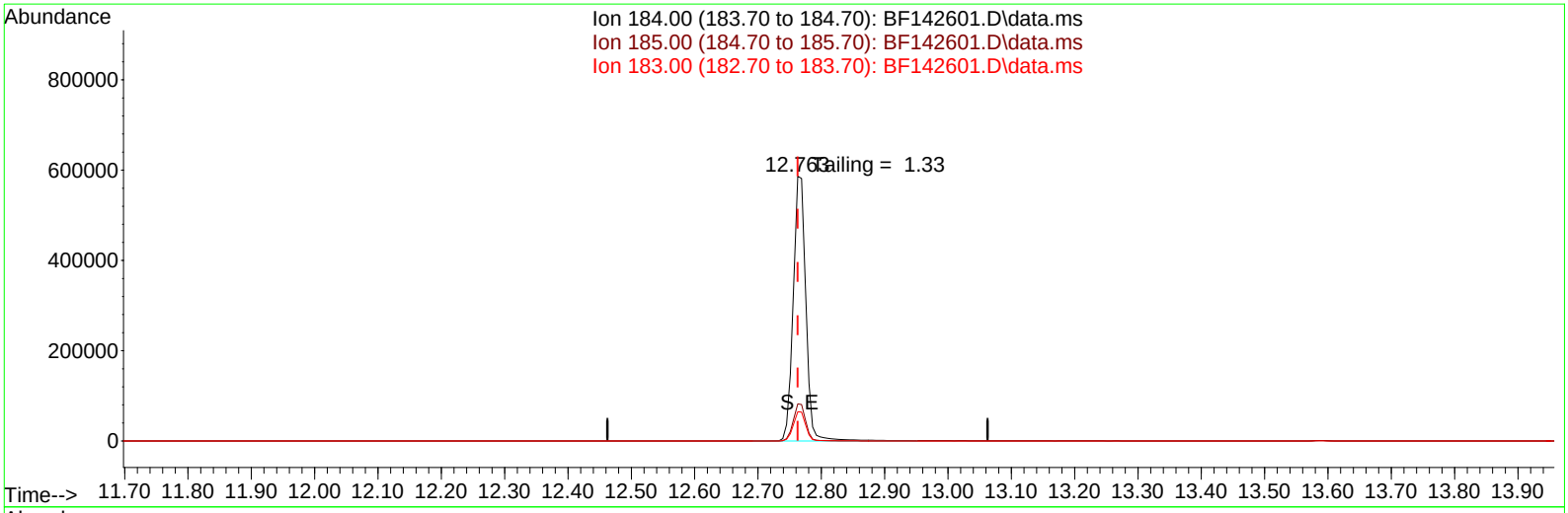
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	62.83
264.00	63.00	64.15
0.00	0.00	0.00

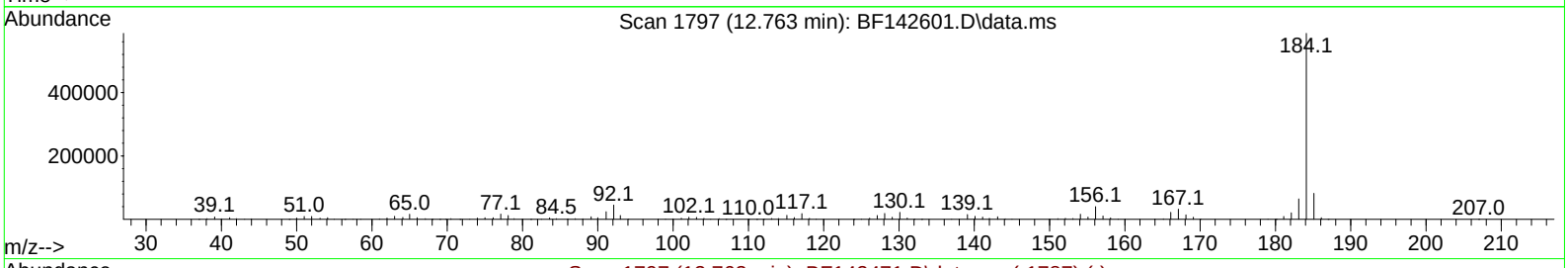
Sample Results: **BF142601.D**

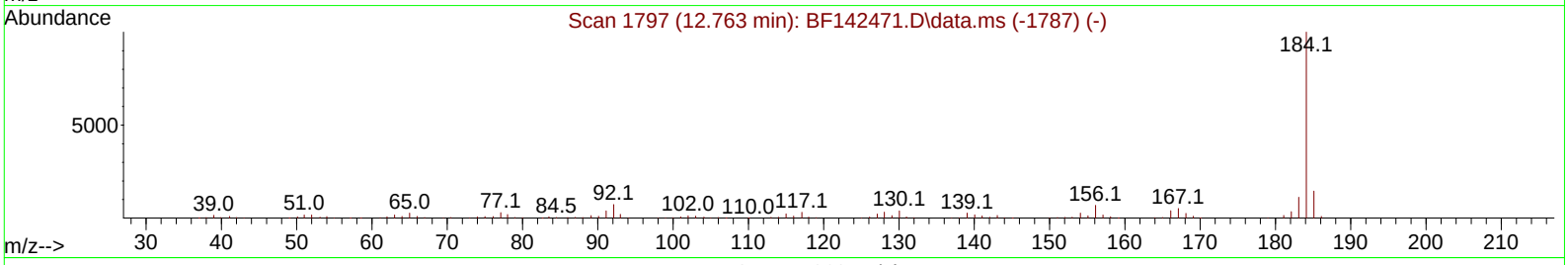
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142601.D
Acq On : 04 Jun 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 04 13:03:58 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: BF142601.D\data.ms

(77) Benzidine

12.763min (+ 0.000) 0.00 ng

response 822752

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.00
183.00	11.20	11.05
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/3/2025	BNA_F	BF142601.D
Compound Name	**Response**	**Retention Time**
DDT	393008	13.586
DDD	8243	13.286
DDE	865	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9108	402116	2.27

Instrument :
BNA_F
ClientSampleId :
DFTPP

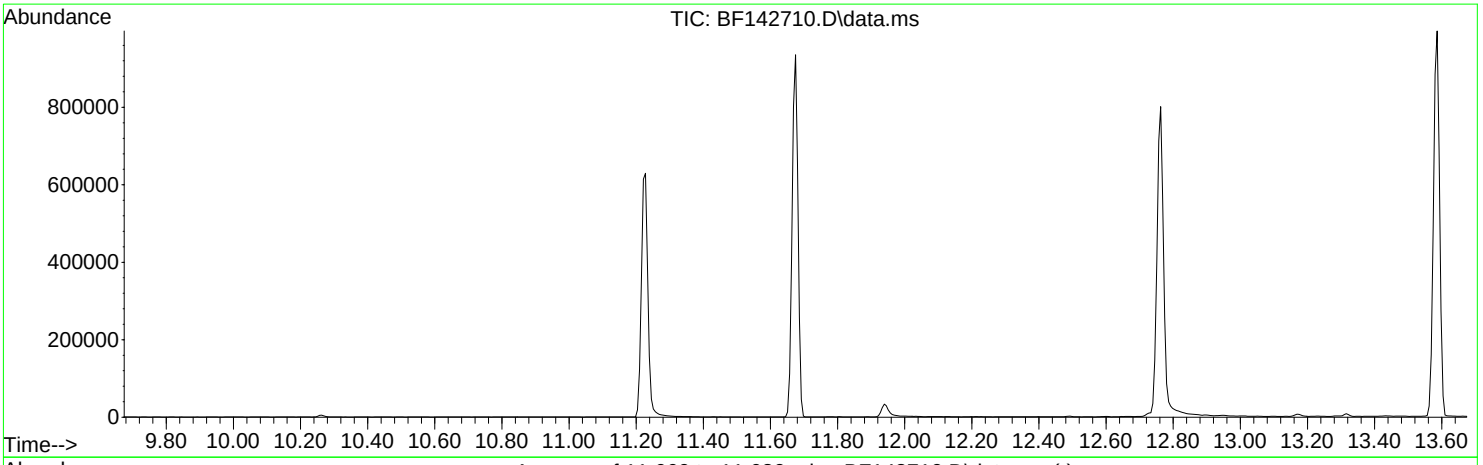
Sample Results: **BF142710.D**

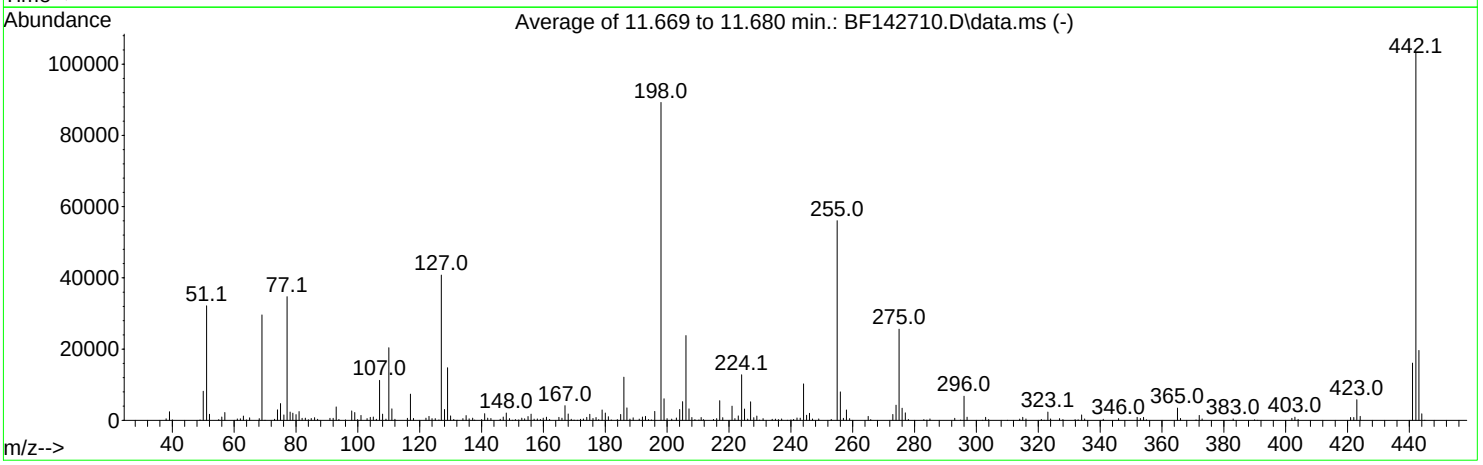
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

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

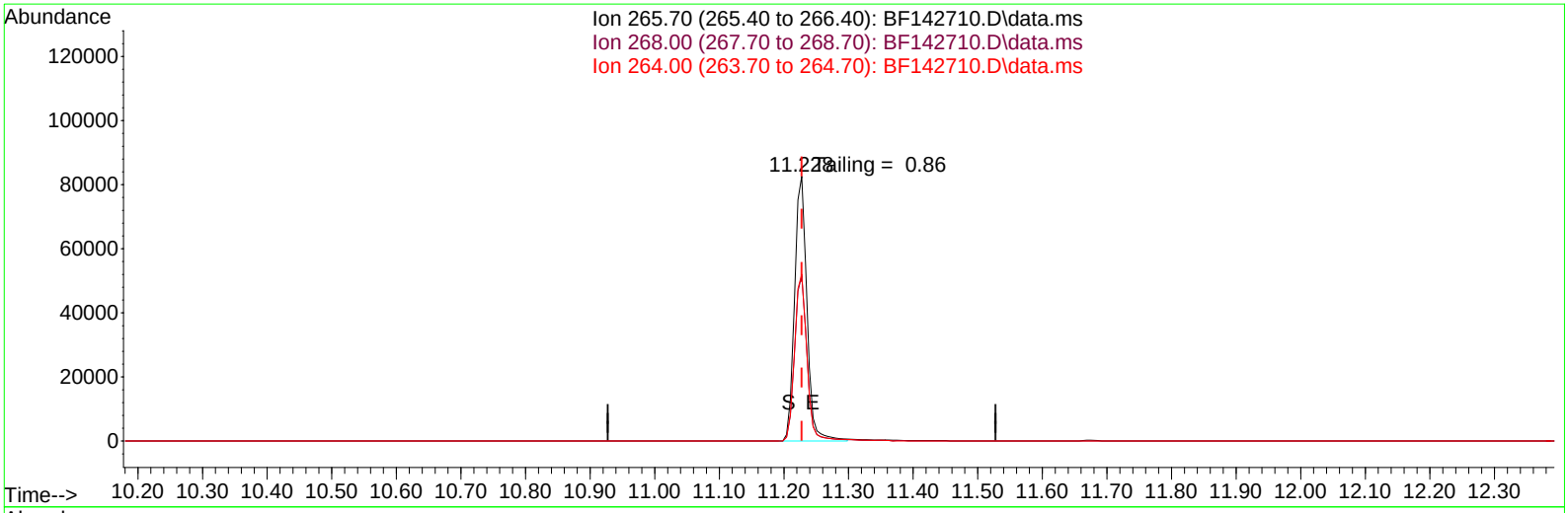
Instrument :
BNA_F
ClientSampleId :
DFTPP

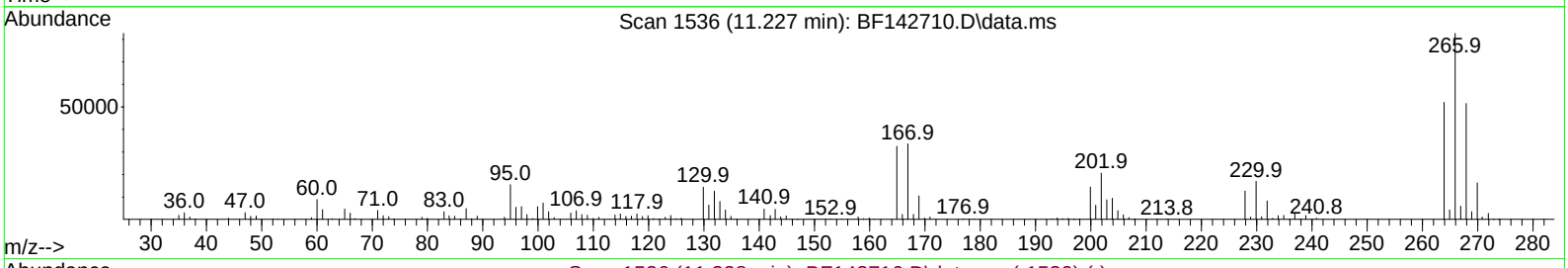
Sample Results: **BF142710.D**

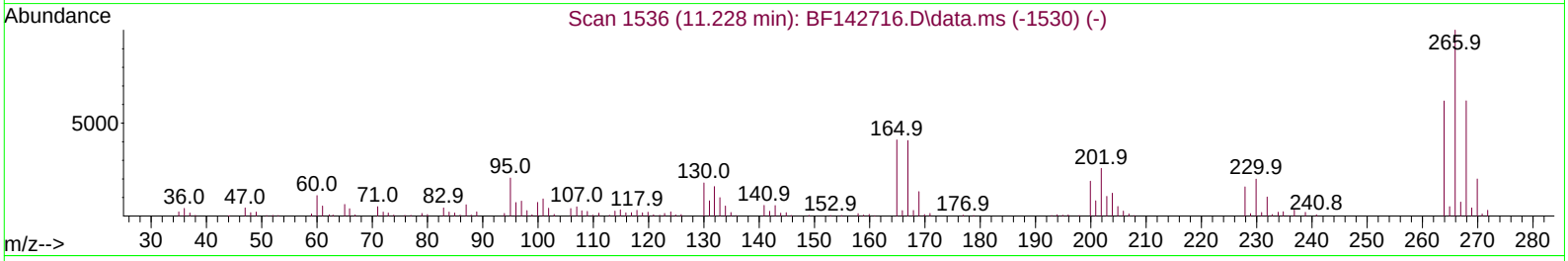
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

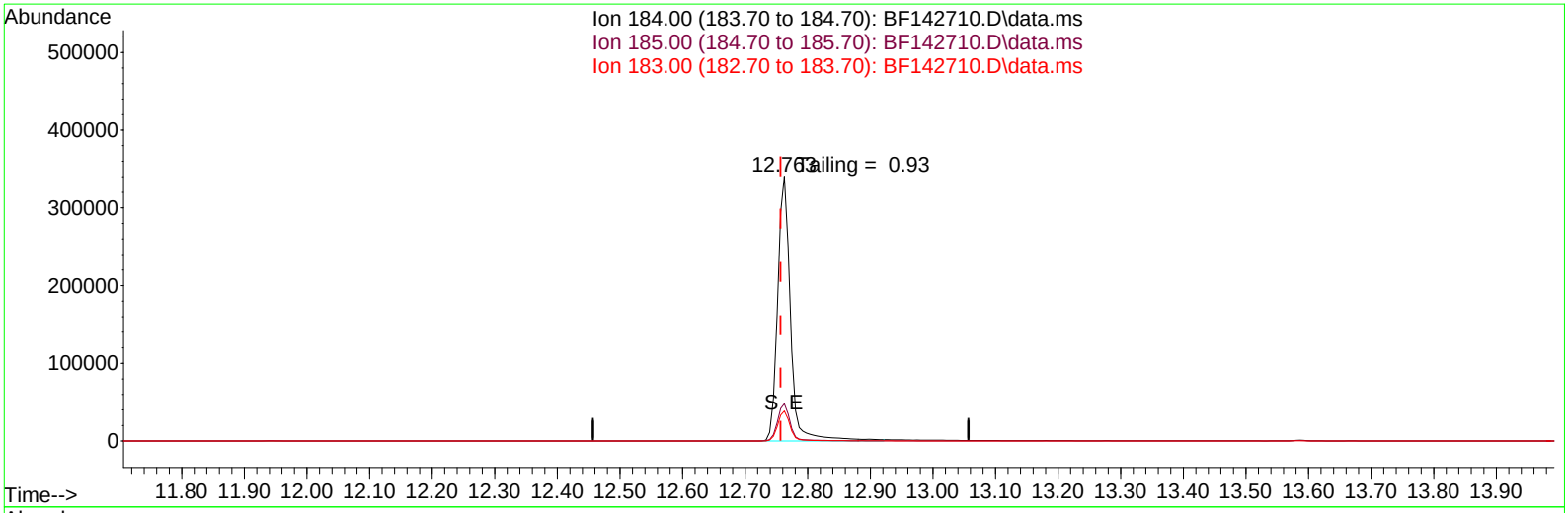
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	62.35
264.00	61.90	62.95
0.00	0.00	0.00

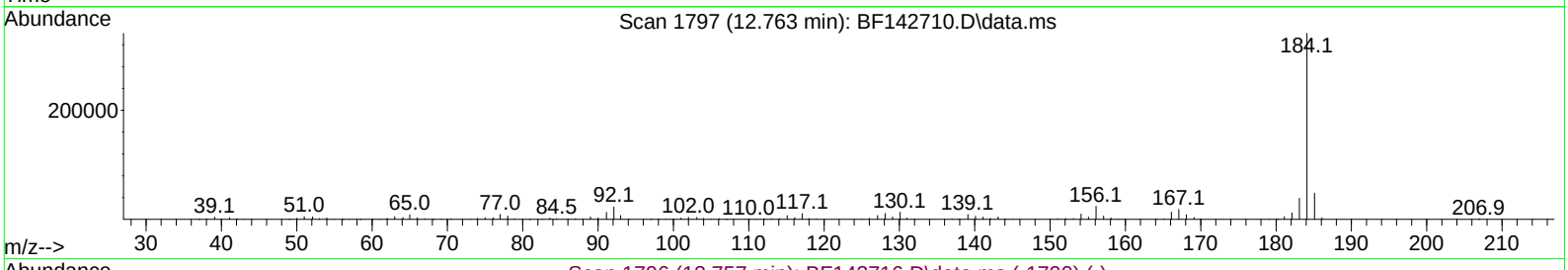
Sample Results: **BF142710.D**

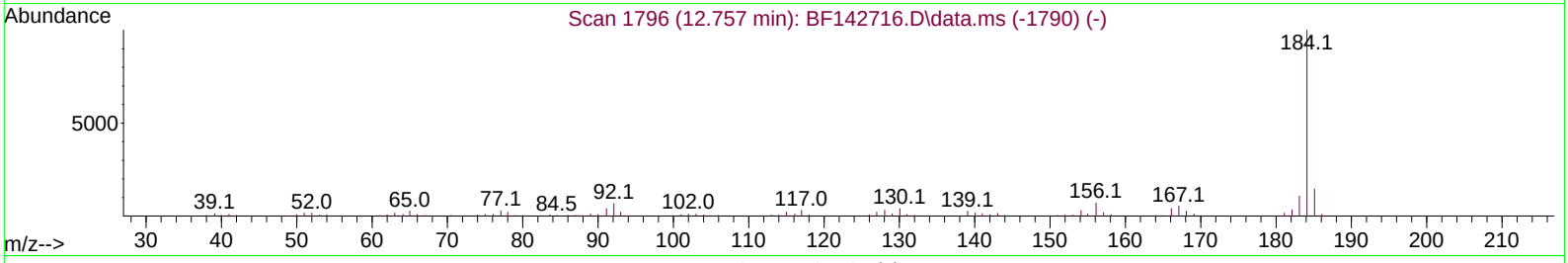
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

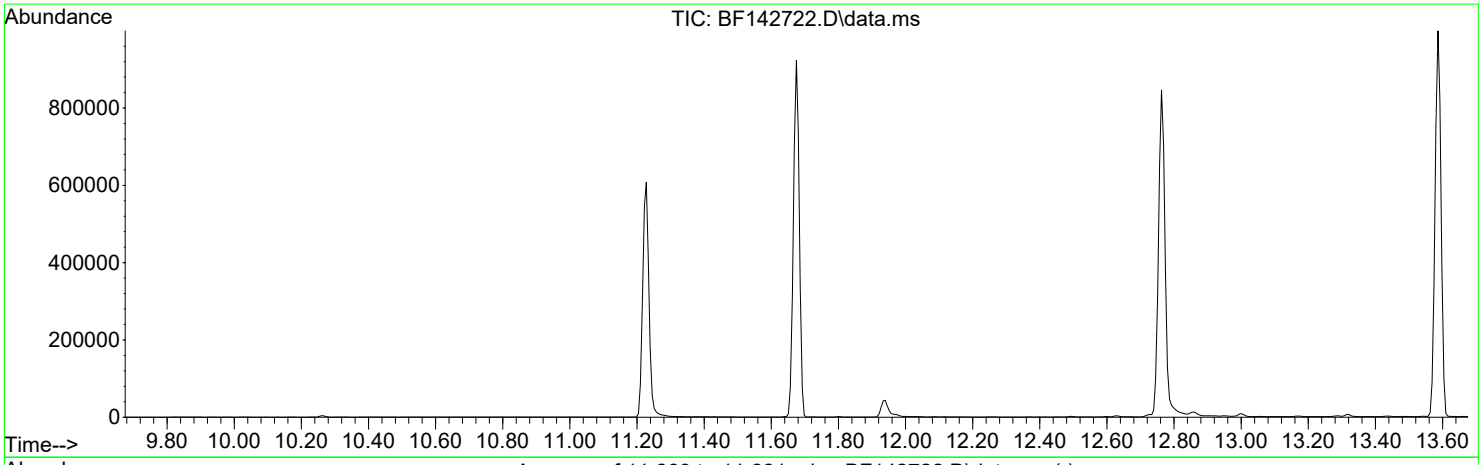
Sample Results: **BF142722.D**

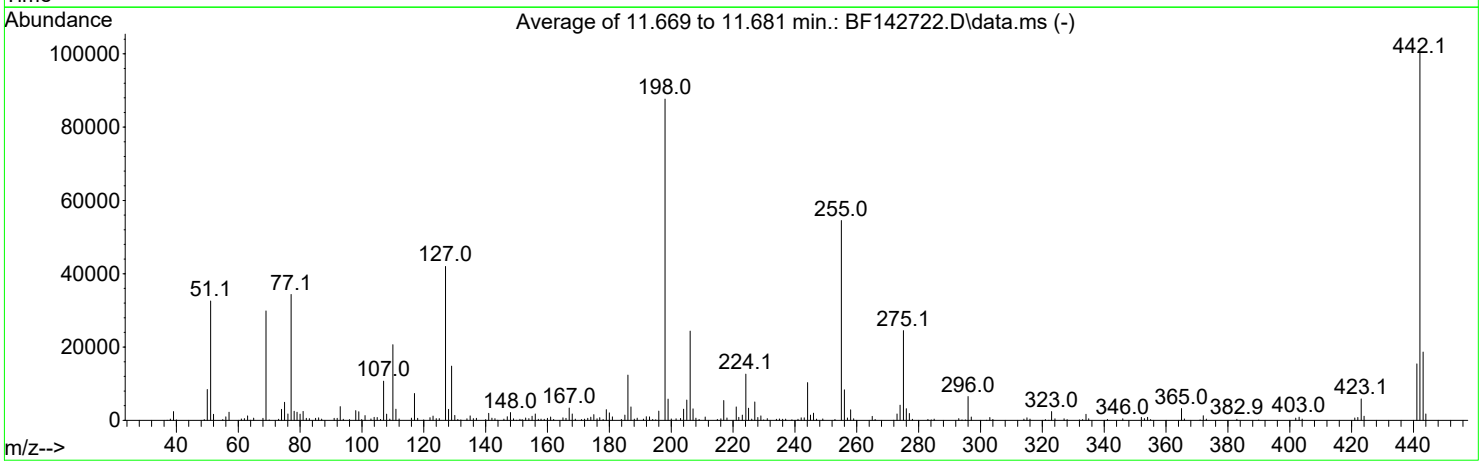
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

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

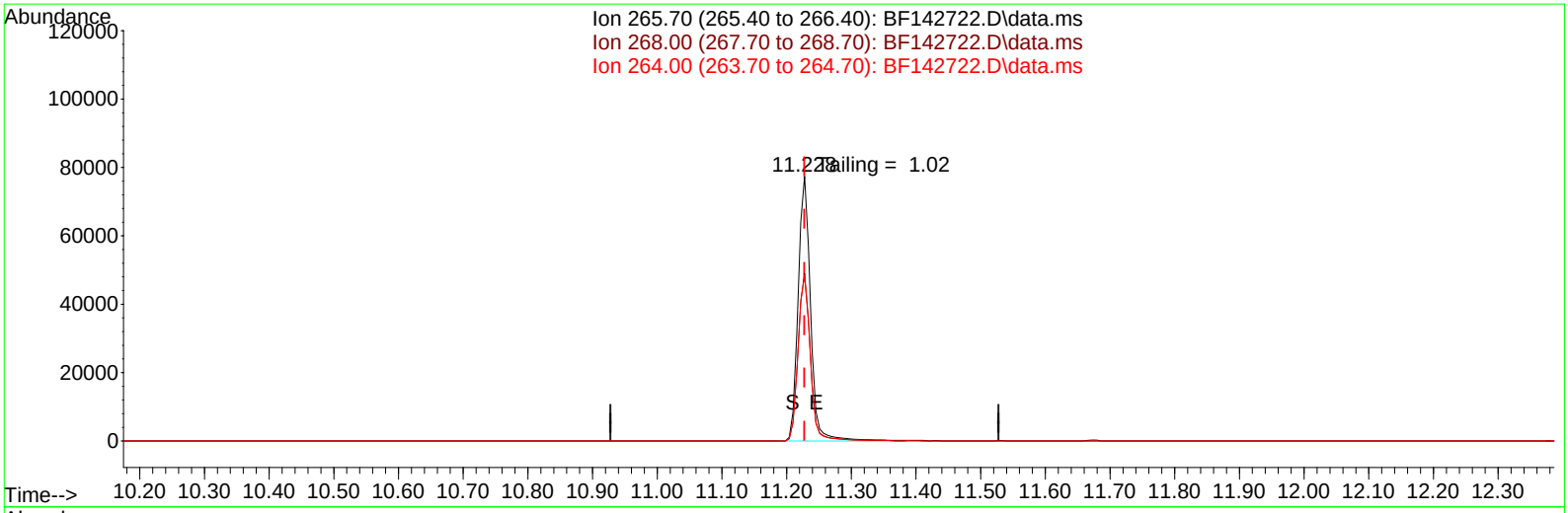
Instrument :
BNA_F
ClientSampleId :
DFTPP

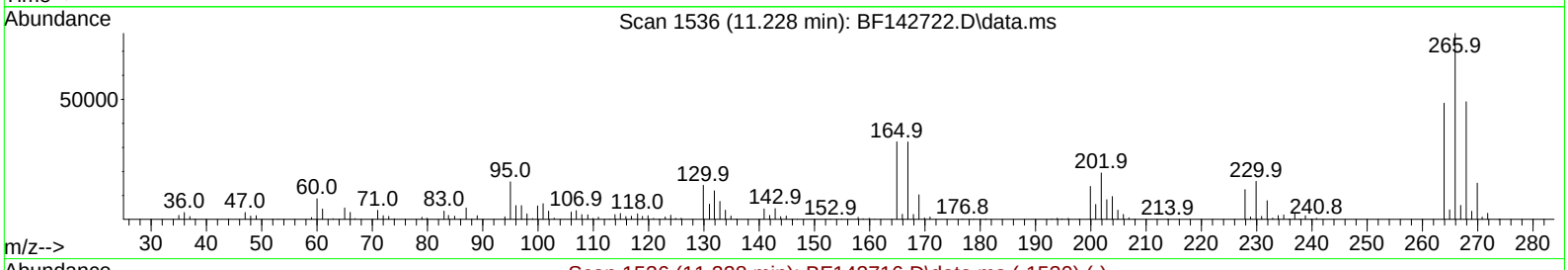
Sample Results: **BF142722.D**

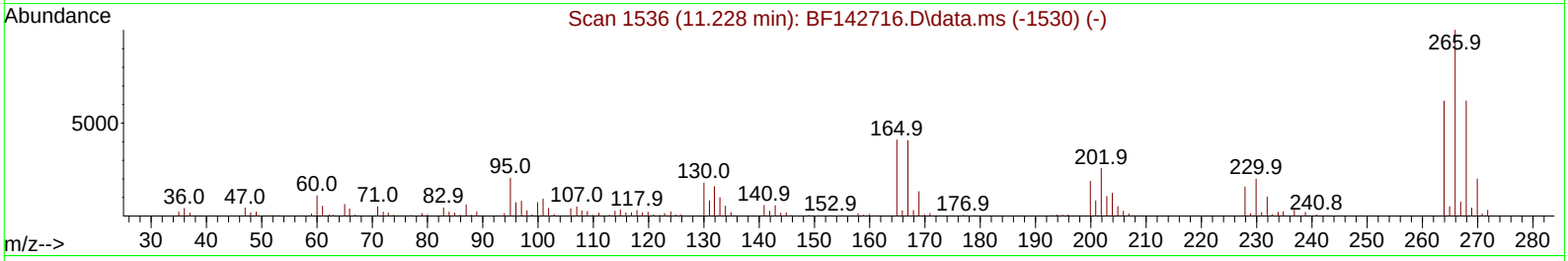
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

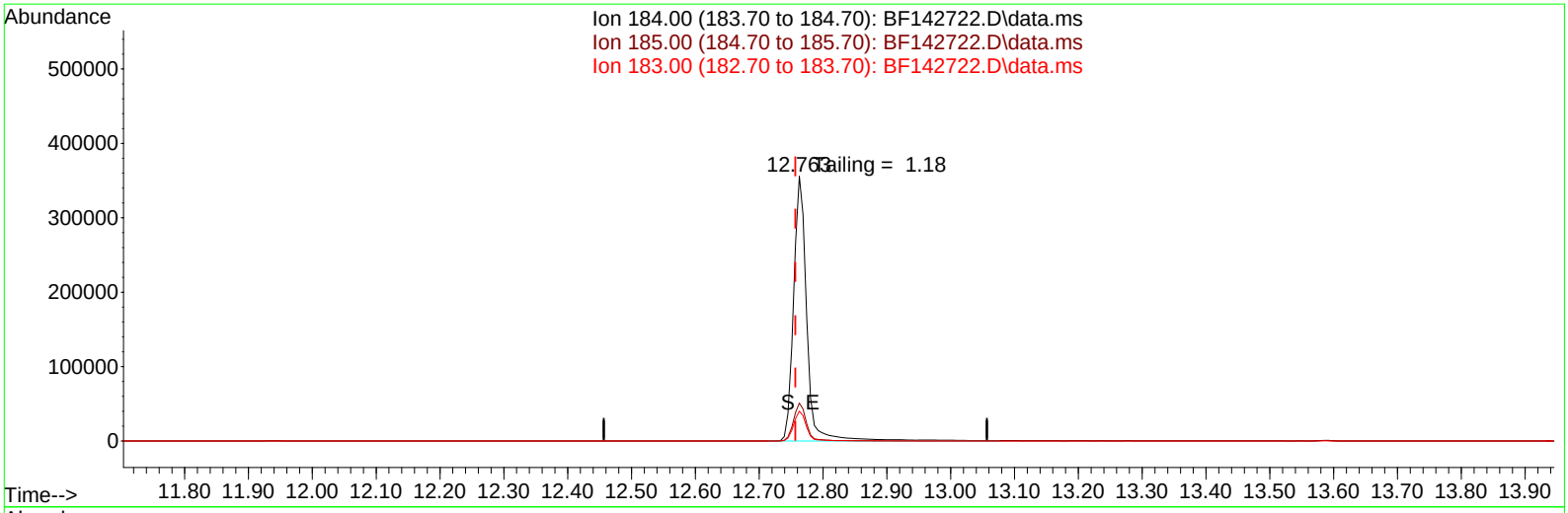
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	63.33
264.00	61.90	62.55
0.00	0.00	0.00

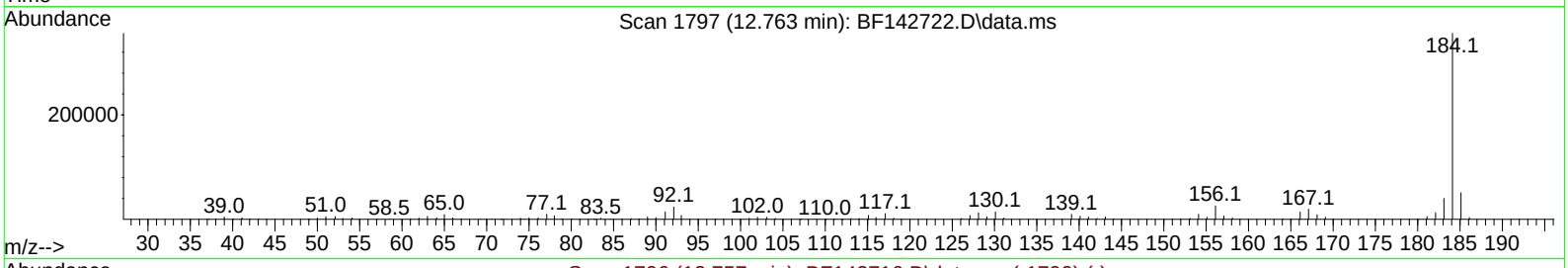
Sample Results: **BF142722.D**

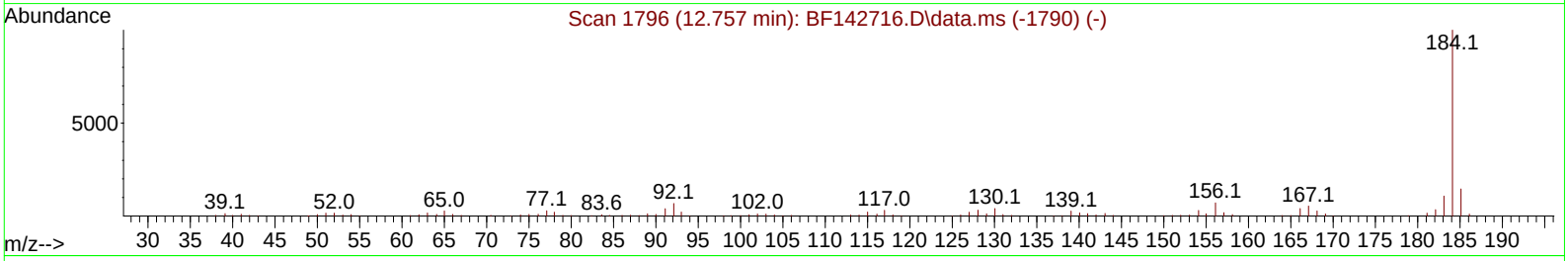
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

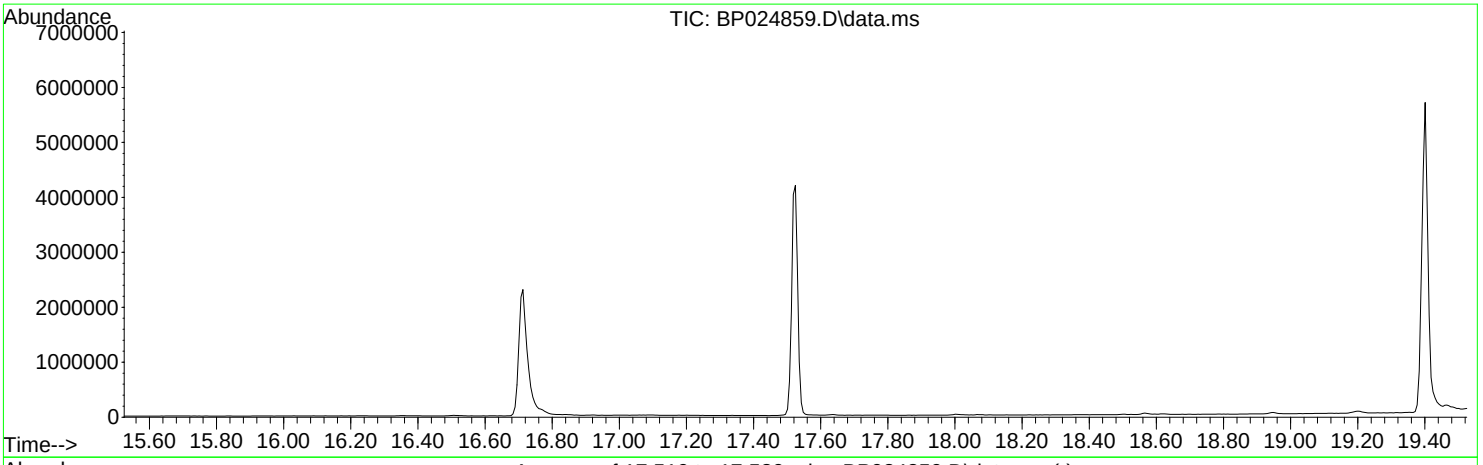
Sample Results: **BP024859.D**

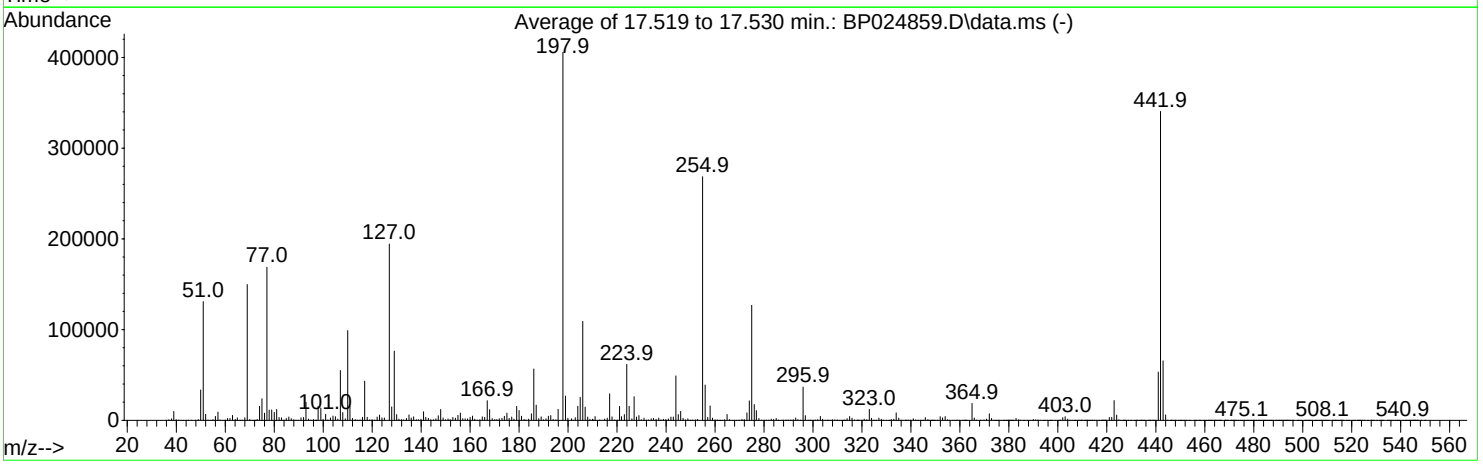
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025





AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2471

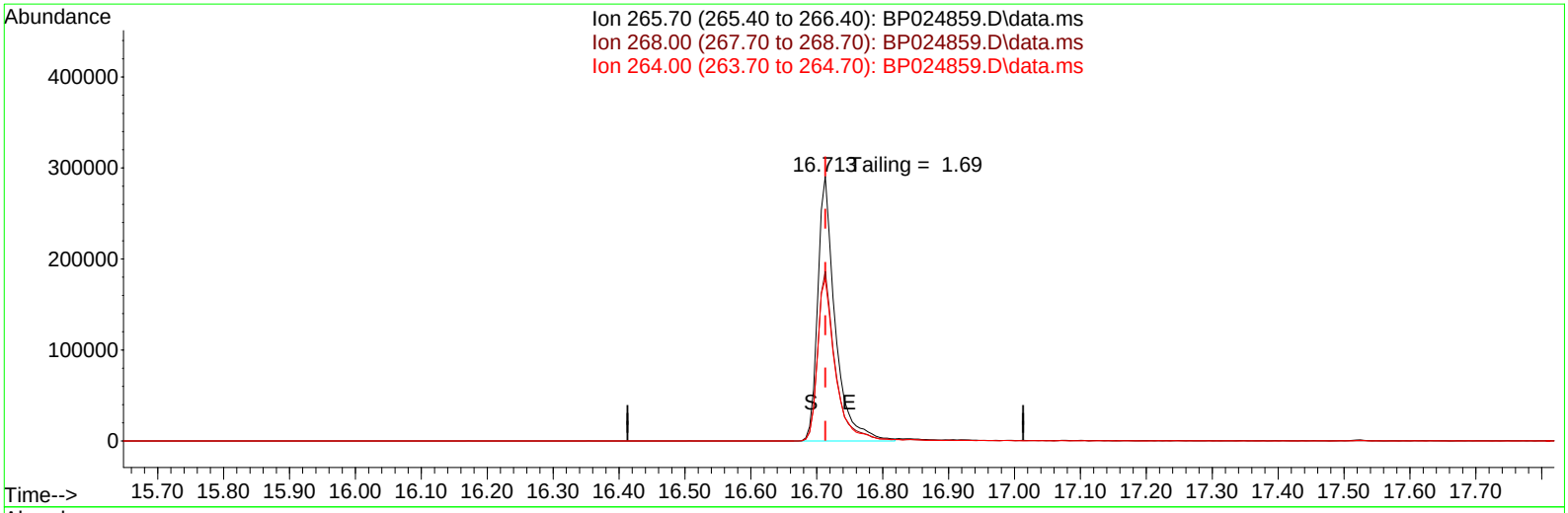
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.2	130762	PASS
68	69	0.00	2	1.9	2882	PASS
69	198	0.00	100	36.9	149759	PASS
70	69	0.00	2	0.6	956	PASS
127	198	10	80	47.9	194356	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	405520	PASS
199	198	5	9	6.6	26790	PASS
275	198	10	60	31.2	126715	PASS
365	198	1	100	4.6	18586	PASS
441	198	0.01	100	13.1	53196	PASS
442	442	100	100	100.0	340484	PASS
443	442	15	24	19.2	65481	PASS

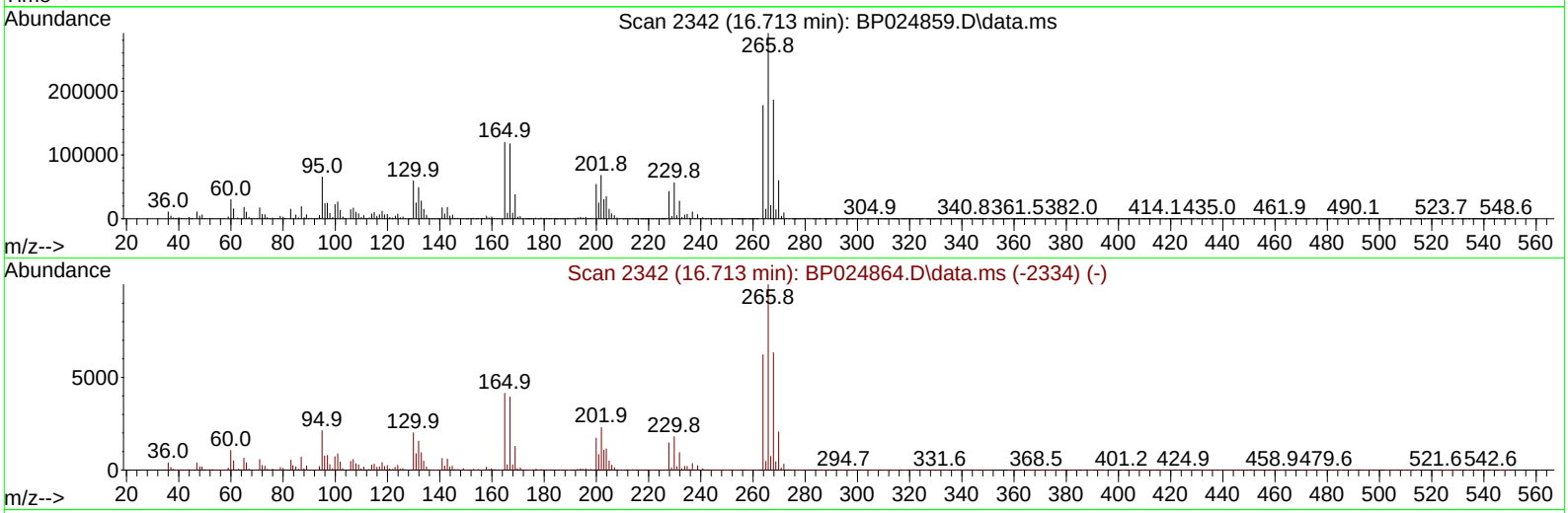
Sample Results: **BP024859.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





TIC: BP024859.D\data.ms

(70) Pentachlorophenol (C)

16.713min (-0.000) 25022.31 ng

response 535499

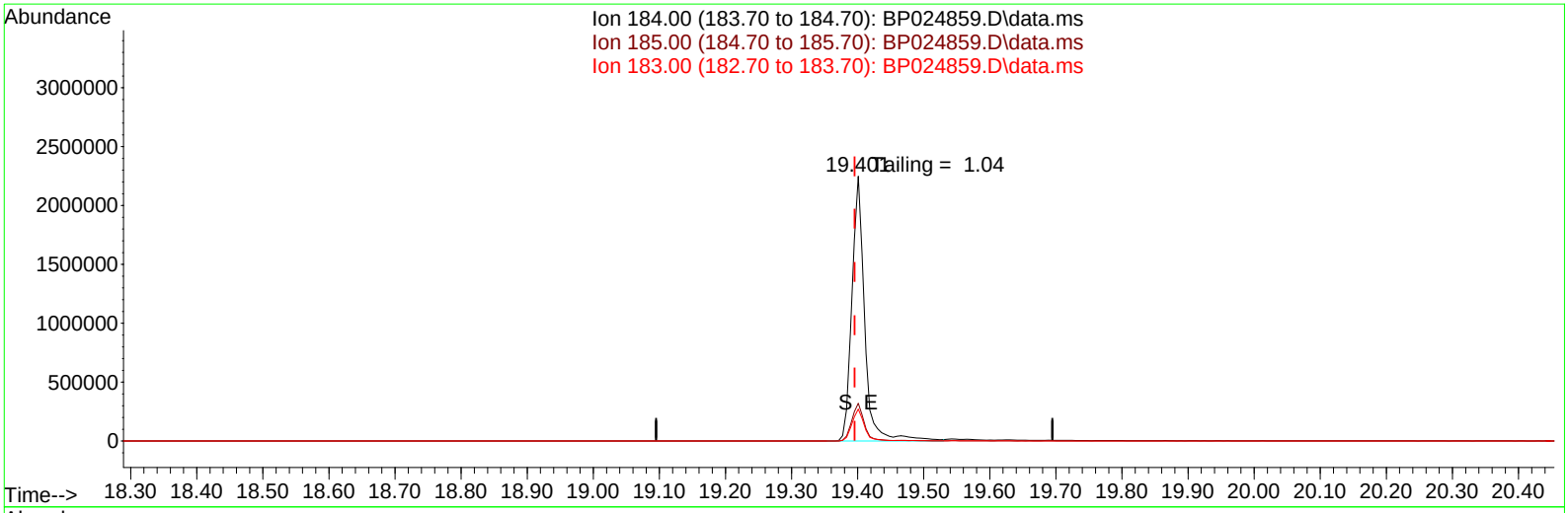
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	63.99
264.00	62.10	61.11
0.00	0.00	0.00

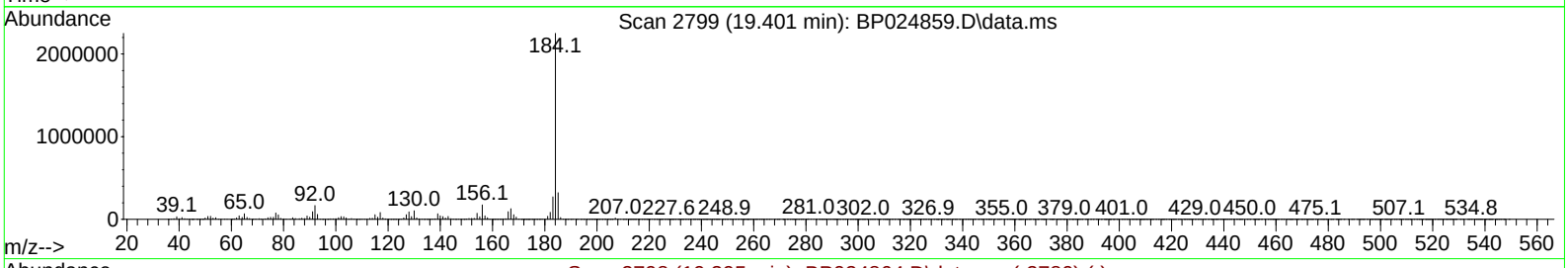
Sample Results: **BP024859.D**

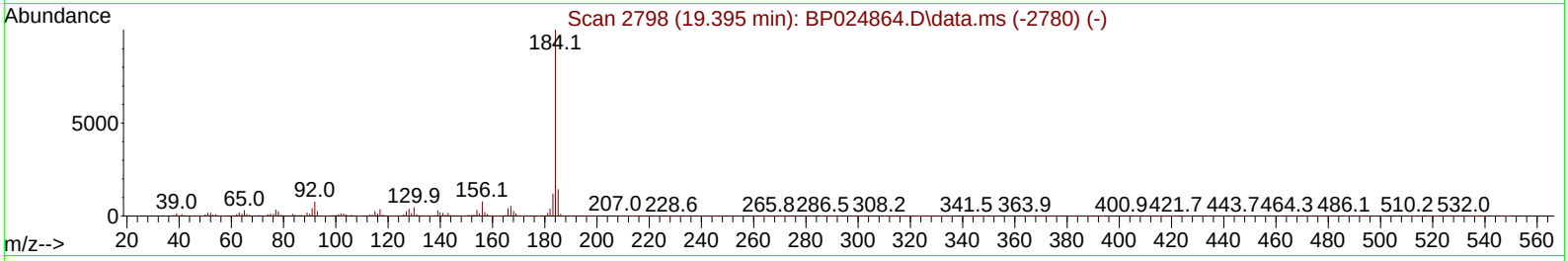
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration







TIC: BP024859.D\data.ms

(77) Benzidine

19.401min (+ 0.006) 4191.40 ng

response 2912892

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.27
183.00	11.90	12.06
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/6/2025	BNA_P	BP024859.D
Compound Name	**Response**	**Retention Time**
DDT	1572545	20.677
DDD	21912	20.26
DDE	1833	19.695
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23745	1596290	1.49

Instrument :
BNA_P
ClientSampleId :
DFTPP

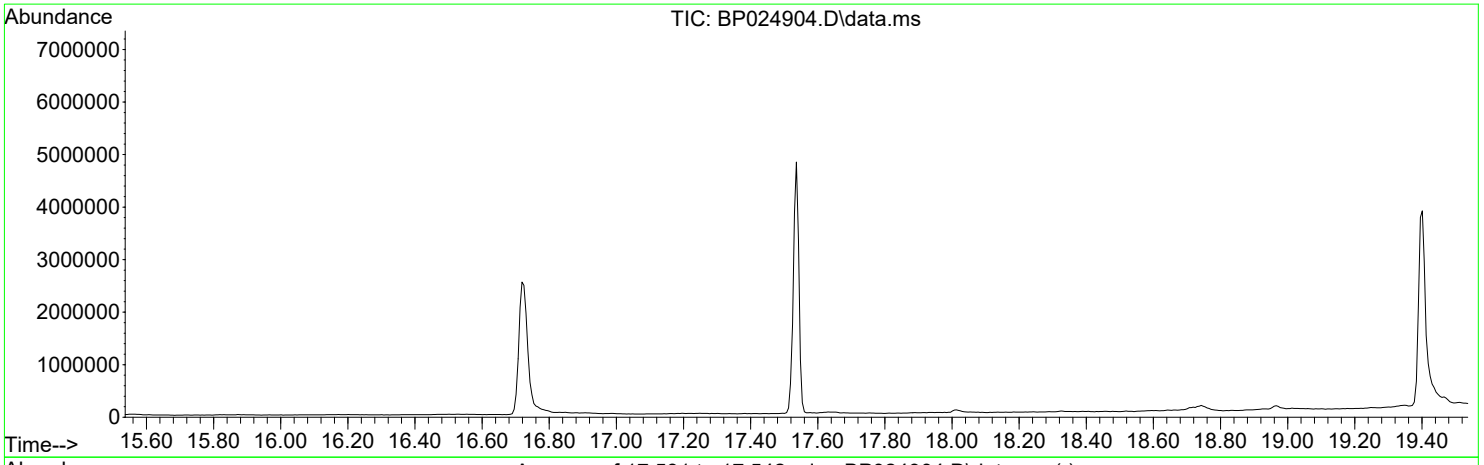
Sample Results: **BP024904.D**

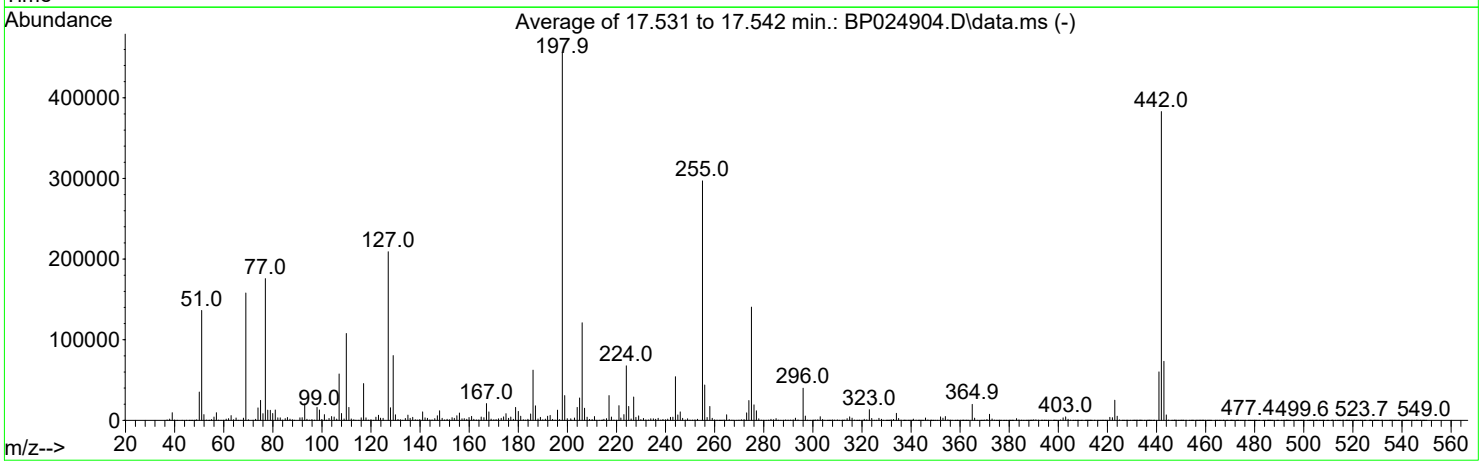
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024904.D
Acq On : 11 Jun 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025





AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2471

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.9	136312	PASS
68	69	0.00	2	1.8	2821	PASS
69	198	0.00	100	34.6	157942	PASS
70	69	0.00	2	0.5	729	PASS
127	198	10	80	45.8	209121	PASS
197	198	0.00	2	0.2	948	PASS
198	198	100	100	100.0	456177	PASS
199	198	5	9	6.7	30695	PASS
275	198	10	60	30.8	140518	PASS
365	198	1	100	4.4	19899	PASS
441	198	0.01	100	13.2	60071	PASS
442	442	100	100	100.0	383019	PASS
443	442	15	24	19.1	73251	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_P	BP024904.D
Compound Name	**Response**	**Retention Time**
DDT	1545458	20.683
DDD	50136	20.236
DDE	2461	19.701
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
52597	1598055	3.29

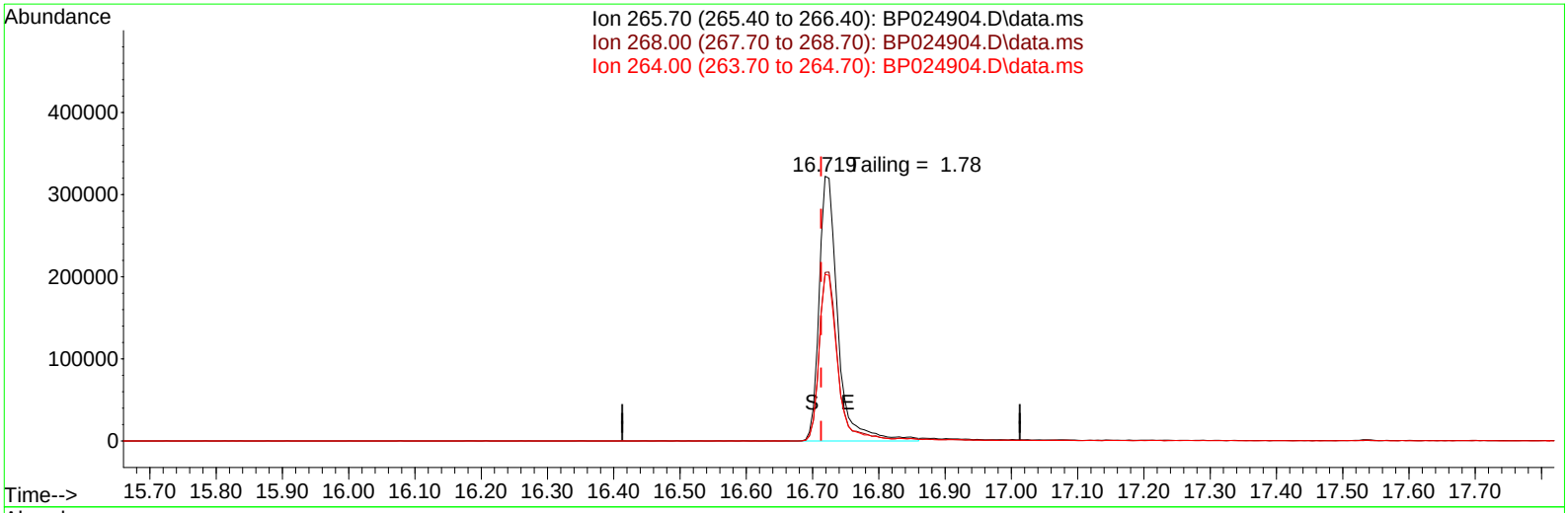
Instrument :
BNA_P
ClientSampleId :
DFTPP

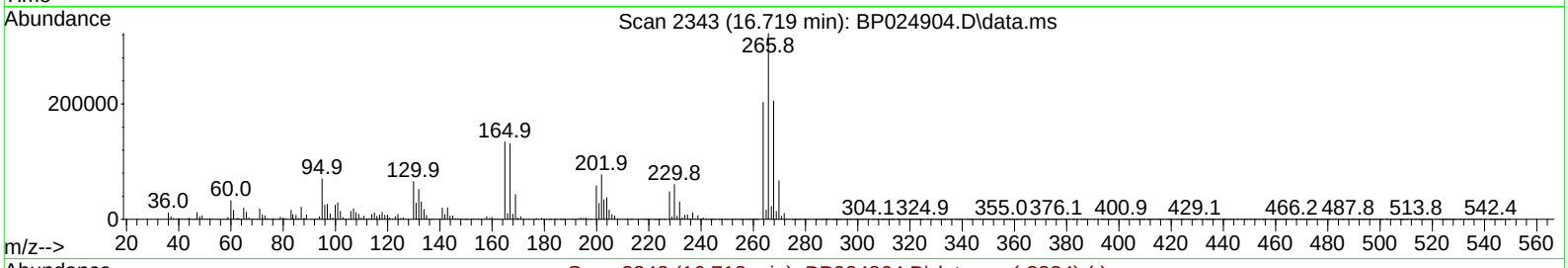
Sample Results: **BP024904.D**

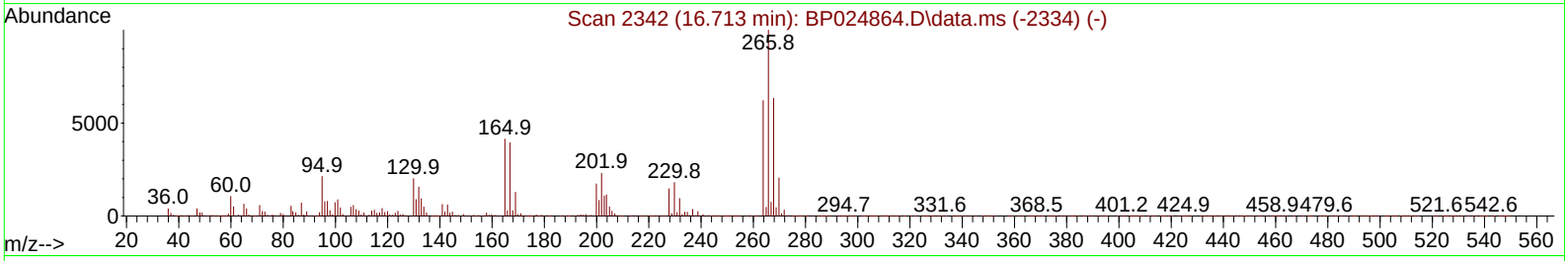
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024904.D
Acq On : 11 Jun 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 11 10:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration







TIC: BP024904.D\data.ms

(70) Pentachlorophenol (C)

16.719min (+ 0.006) 642668.97 ng

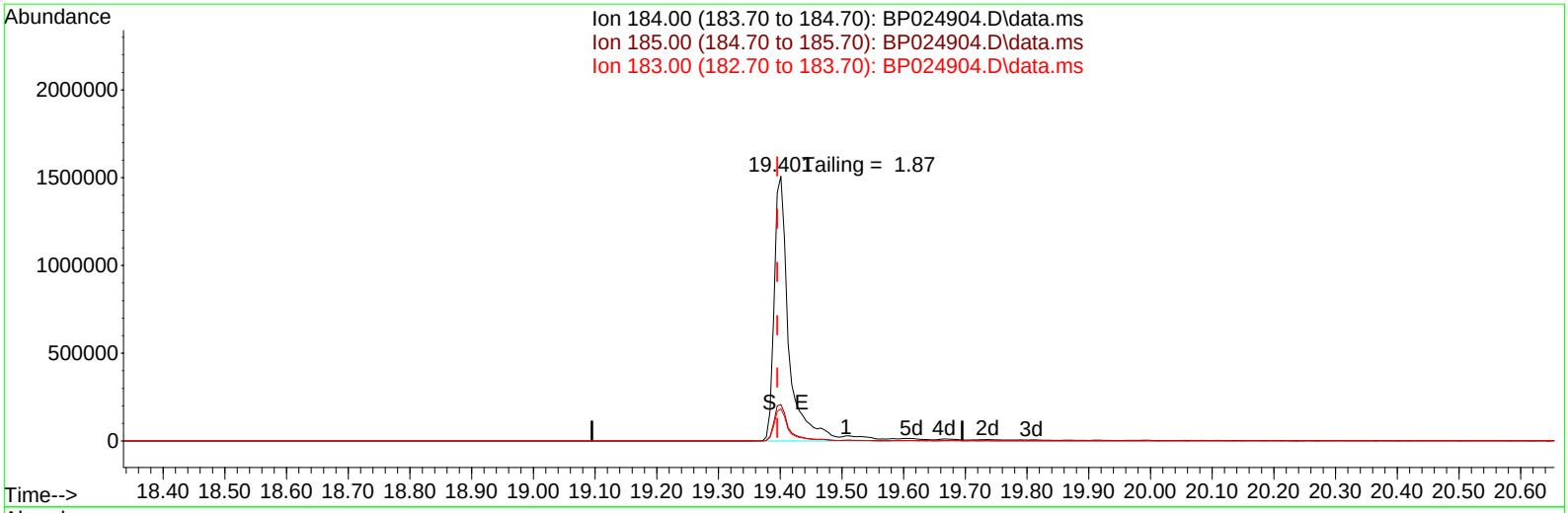
response 532312

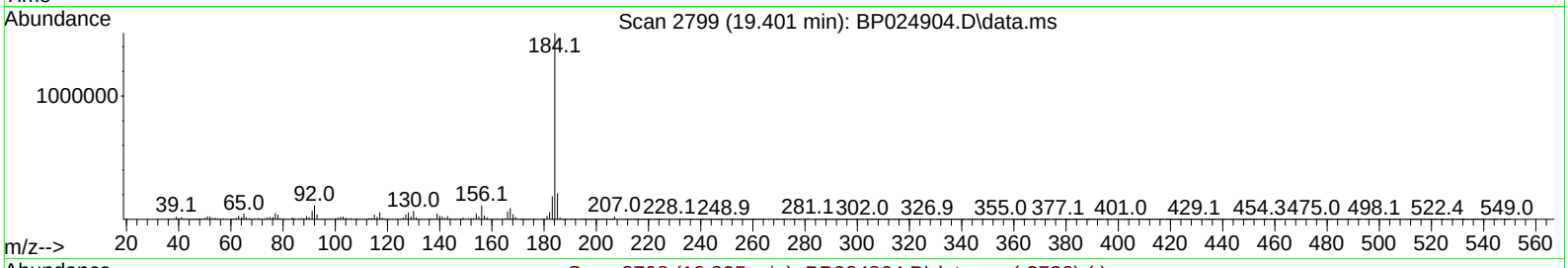
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	63.68
264.00	62.10	62.90
0.00	0.00	0.00

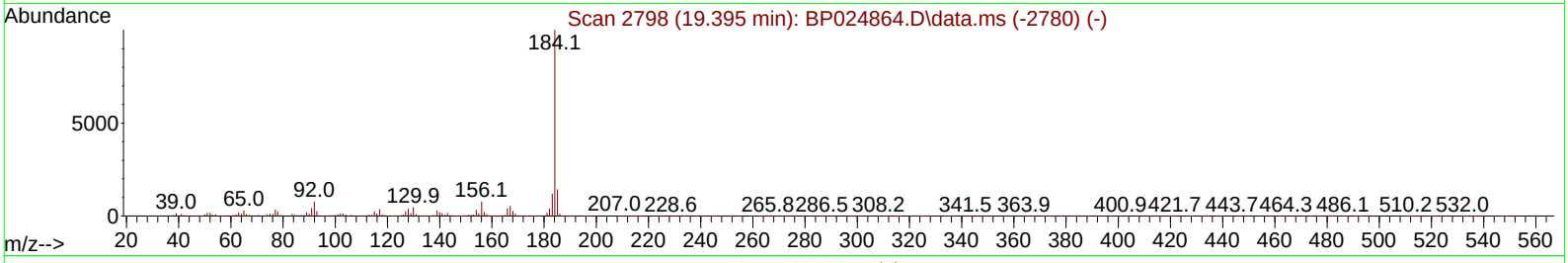
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024904.D
Acq On : 11 Jun 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 11 10:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration







TIC: BP024904.D\data.ms

(77) Benzidine

19.401min (+ 0.006) 505291.00 ng m

response 2629132

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	13.77
183.00	11.90	12.20
0.00	0.00	0.00

Raw Data: **BF142603.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168234BL			SDG No.:	Q2125
Lab Sample ID:	PB168234BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142603.D	1	06/04/25 09:10	06/04/25 13:05	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.3		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		30 (20) - 130 (109)	72%	SPK: 100
1718-51-0	Terphenyl-d14	72.1		30 (10) - 130 (105)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	131000	6.893			
1146-65-2	Naphthalene-d8	500000	8.175			
15067-26-2	Acenaphthene-d10	273000	9.934			
1517-22-2	Phenanthrene-d10	477000	11.422			
1719-03-5	Chrysene-d12	282000	14.063			
1520-96-3	Perylene-d12	249000	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\BF060425\
Data File : BF142603.D
Acq On : 04 Jun 2025 13:05
Operator : RC/JU
Sample : PB168234BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Quant Time: Jun 04 13:37:53 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

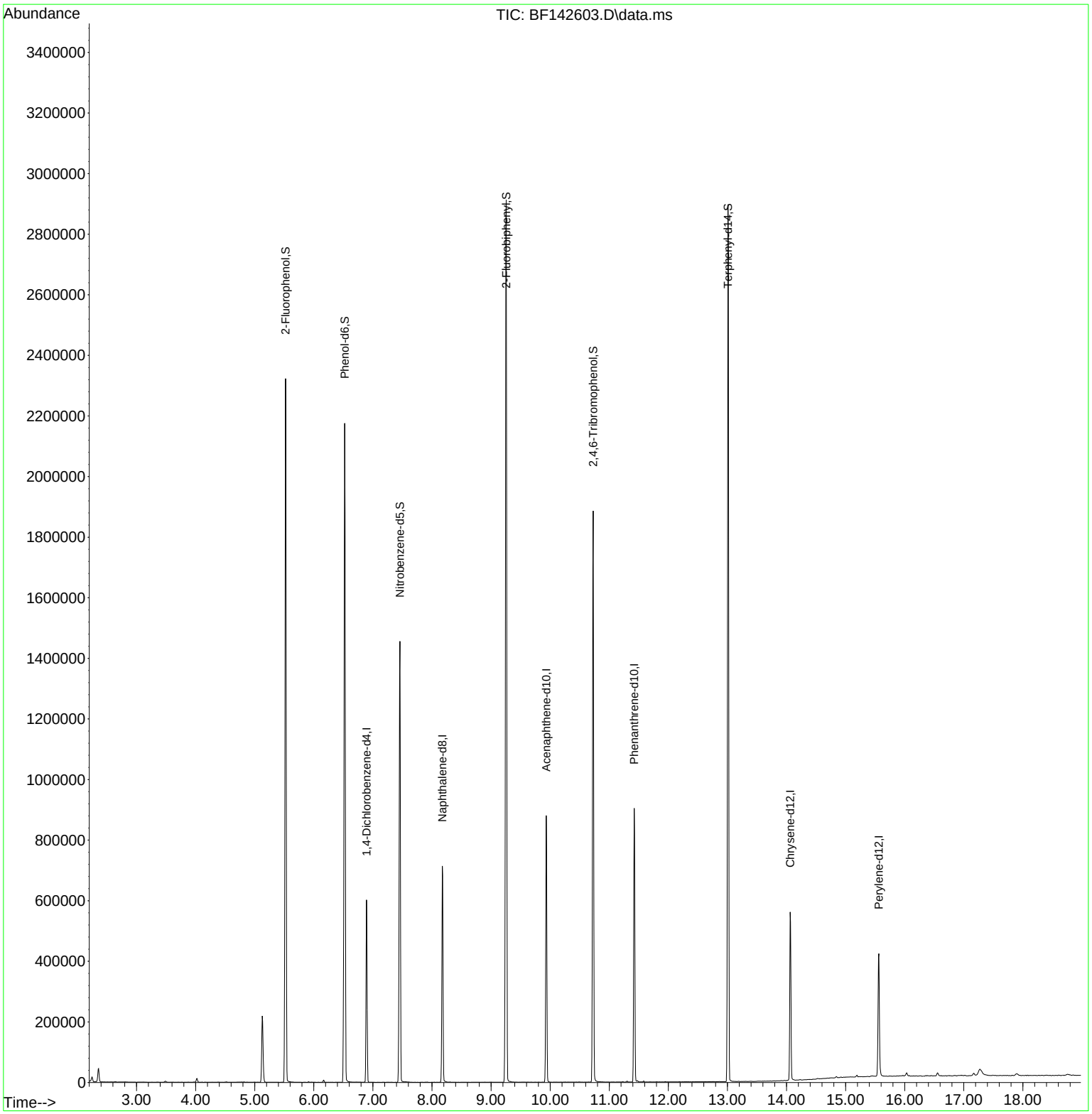
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131273	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	500088	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	273312	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	477318	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	281764	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	248996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	931257	119.517	ng	0.00
7) Phenol-d6	6.522	99	1120166	119.427	ng	-0.01
23) Nitrobenzene-d5	7.457	82	690335	75.273	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	355604	117.229	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1463491	71.852	ng	-0.01
79) Terphenyl-d14	13.010	244	1487213	72.129	ng	0.00
Target Compounds						Qvalue

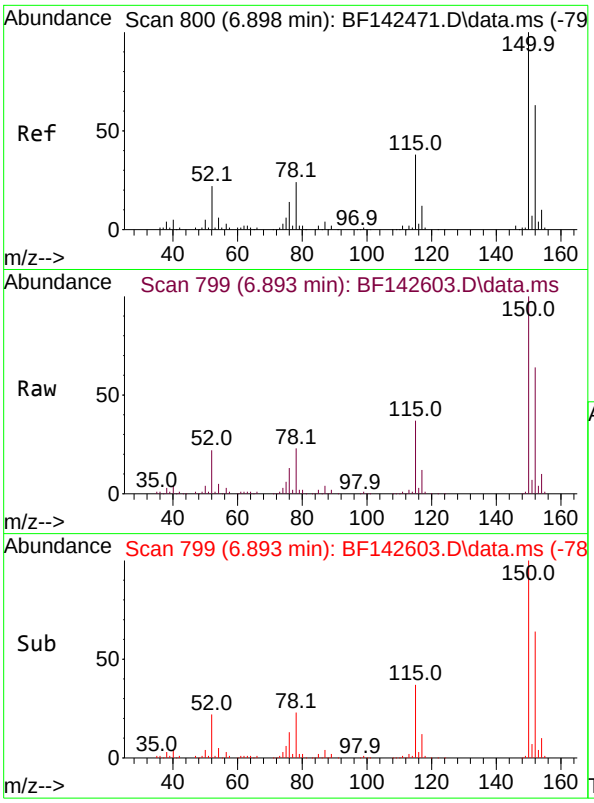
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142603.D
Acq On : 04 Jun 2025 13:05
Operator : RC/JU
Sample : PB168234BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Quant Time: Jun 04 13:37:53 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



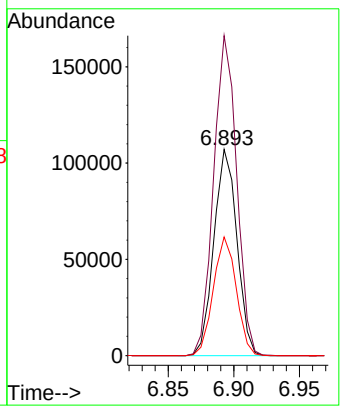


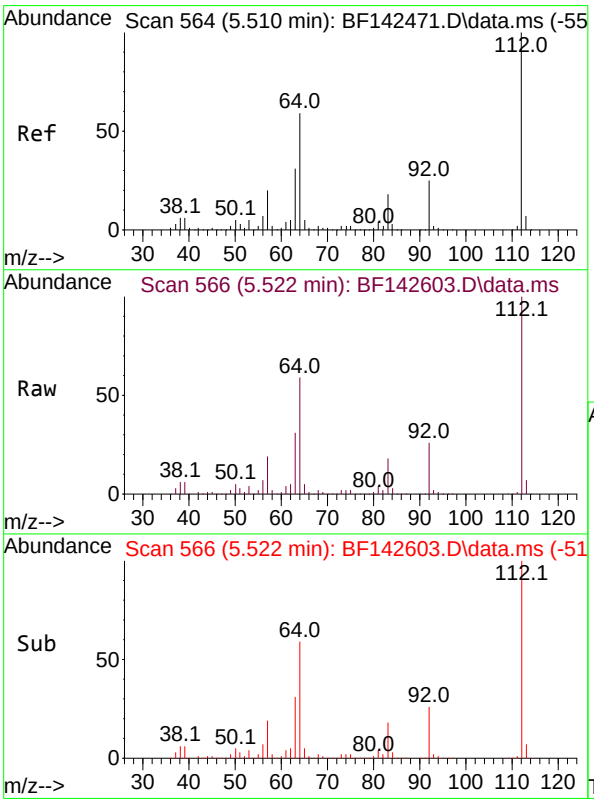
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:152 Resp: 131273

Ion	Ratio	Lower	Upper
152	100		
150	155.2	128.2	192.4
115	57.5	48.3	72.5

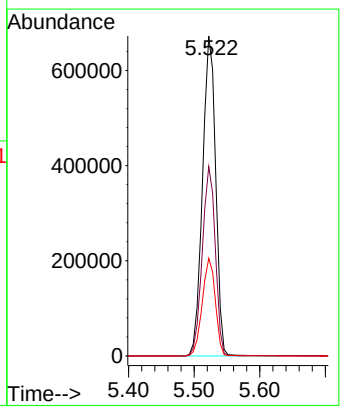


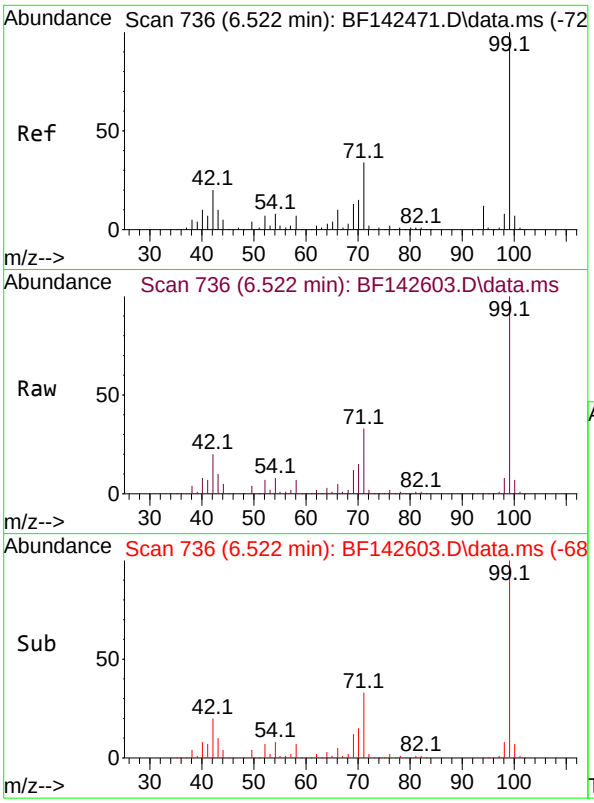


#5
2-Fluorophenol
Concen: 119.517 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:112 Resp: 931257

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.5	71.3
63	30.5	24.9	37.3



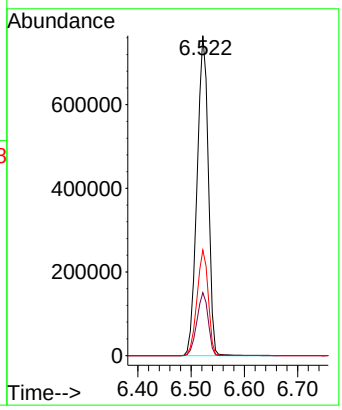


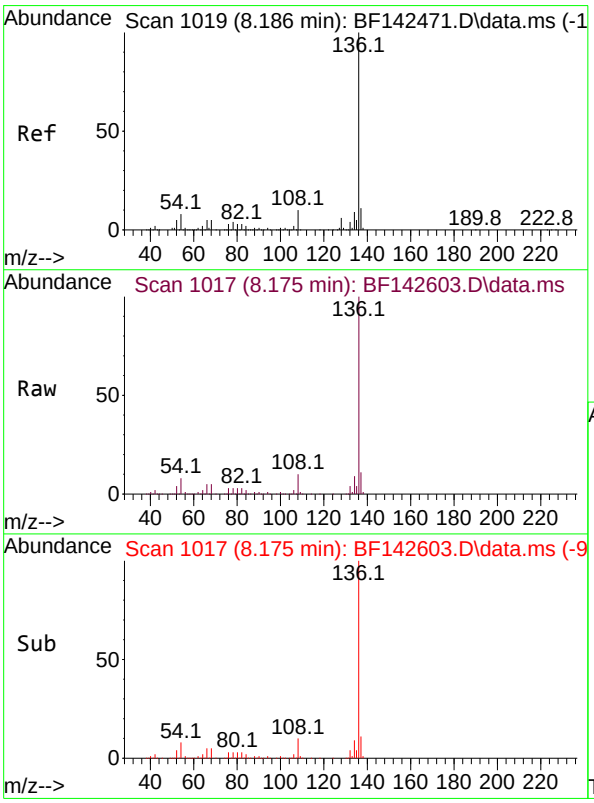
#7
Phenol-d6
Concen: 119.427 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion: 99 Resp: 1120166

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	33.0	27.3	40.9

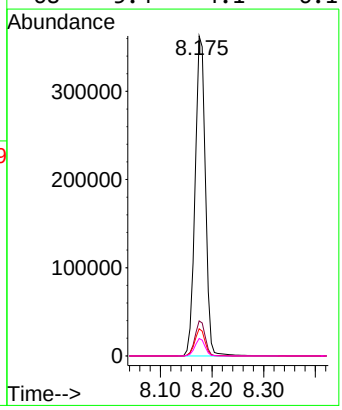


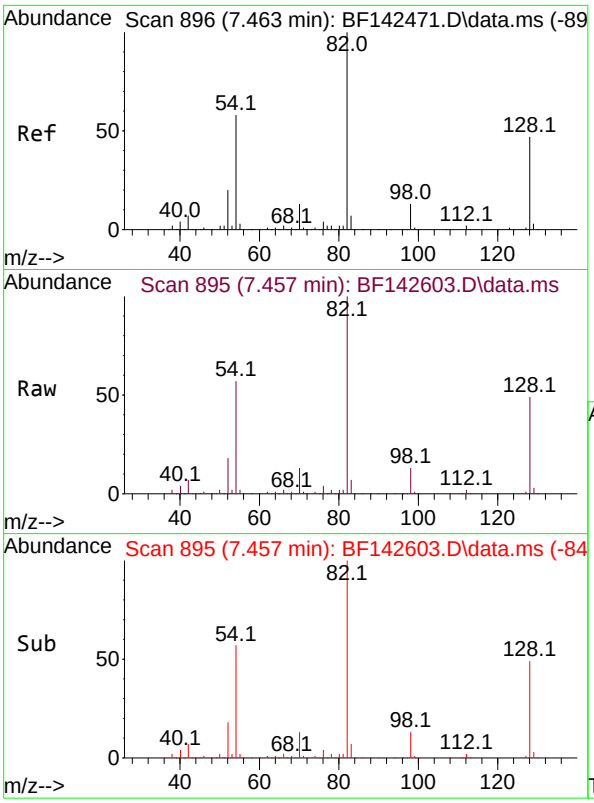


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:136 Resp: 500088

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.5	6.6	10.0
68	5.4	4.1	6.1



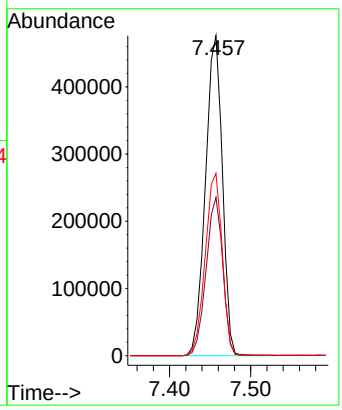


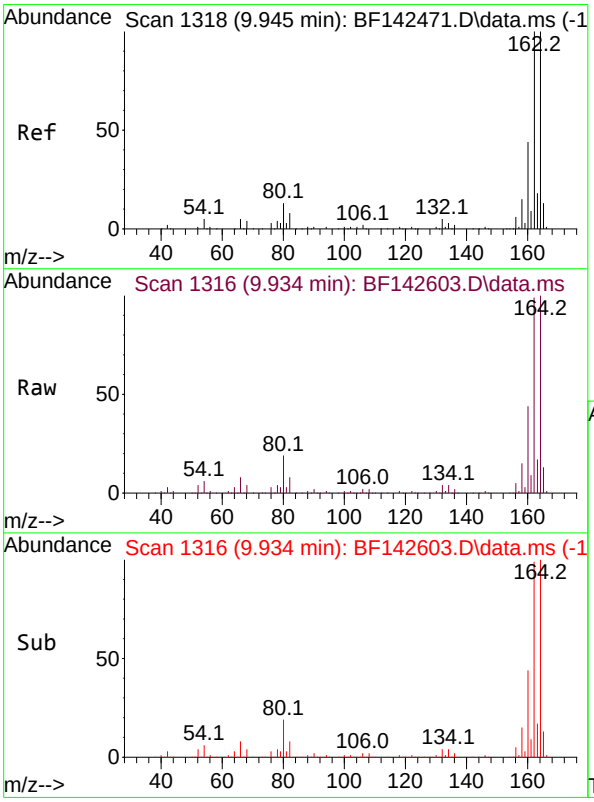
#23
Nitrobenzene-d5
Concen: 75.273 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion: 82 Resp: 690335

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.4	56.2
54	56.9	46.6	70.0

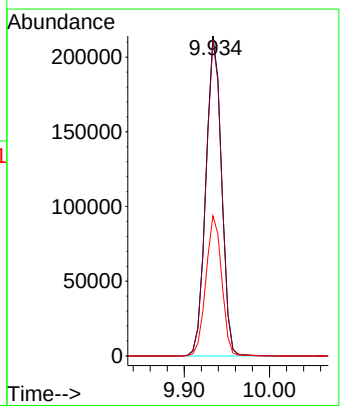


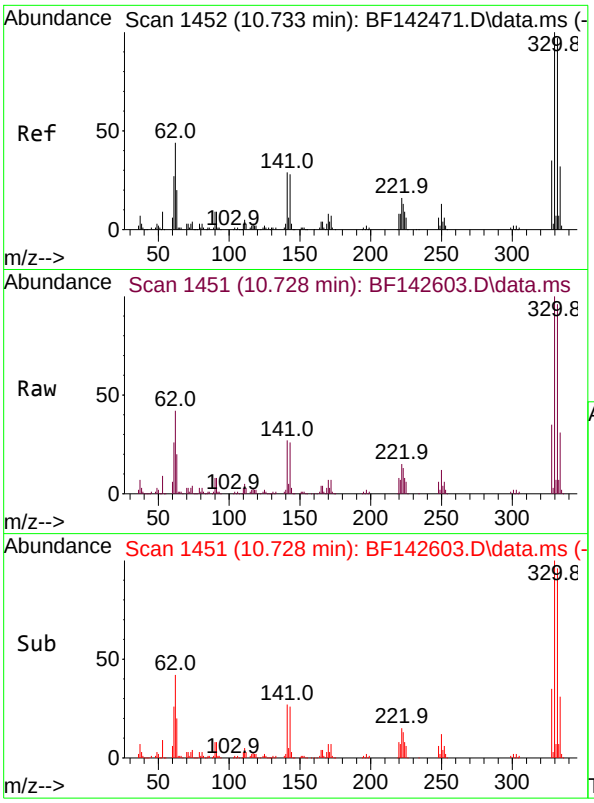


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:164 Resp: 273312

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.4
160	43.8	35.6	53.4



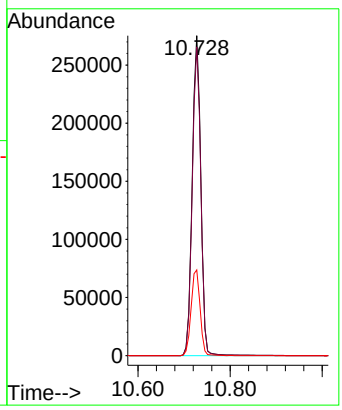


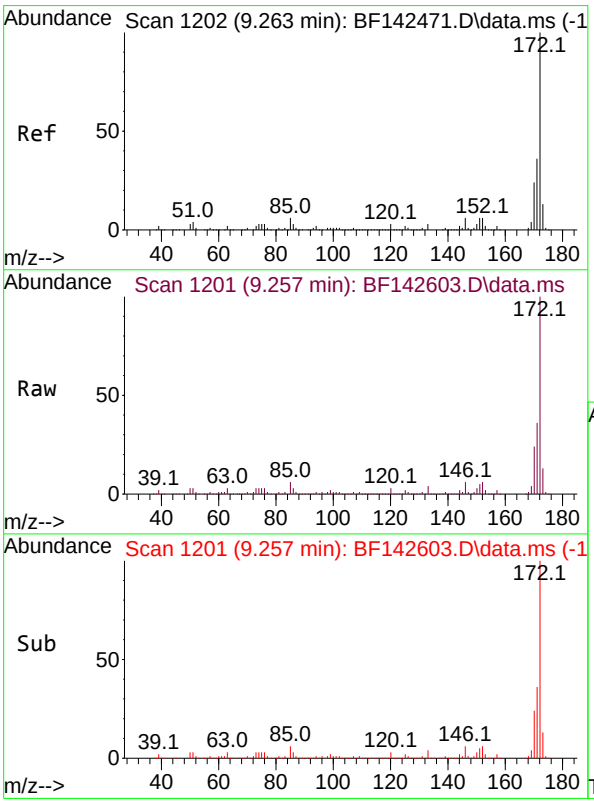
#42
2,4,6-Tribromophenol
Concen: 117.229 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:330 Resp: 355604

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	28.1	24.6	36.8

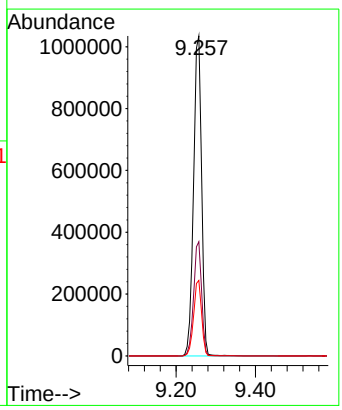


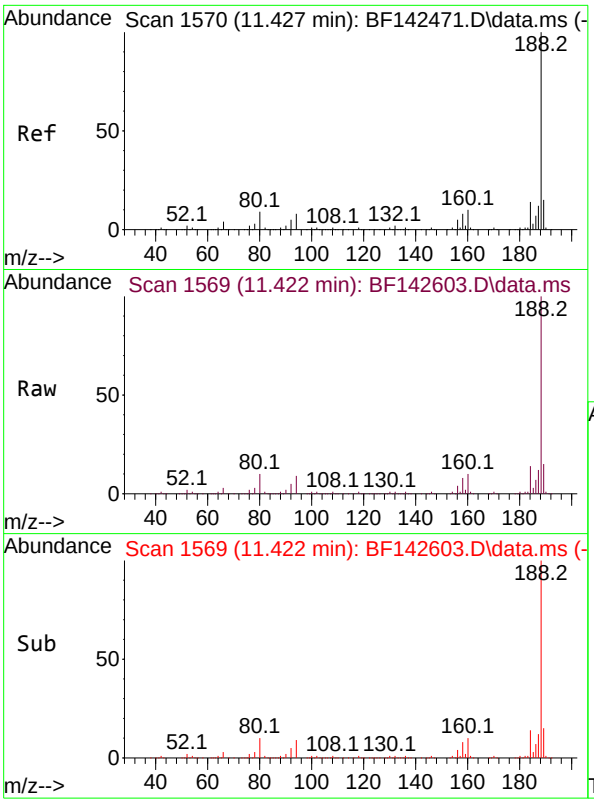


#45
2-Fluorobiphenyl
Concen: 71.852 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:172 Resp: 1463491

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	18.9	28.3



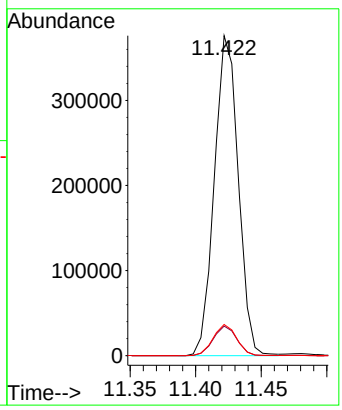


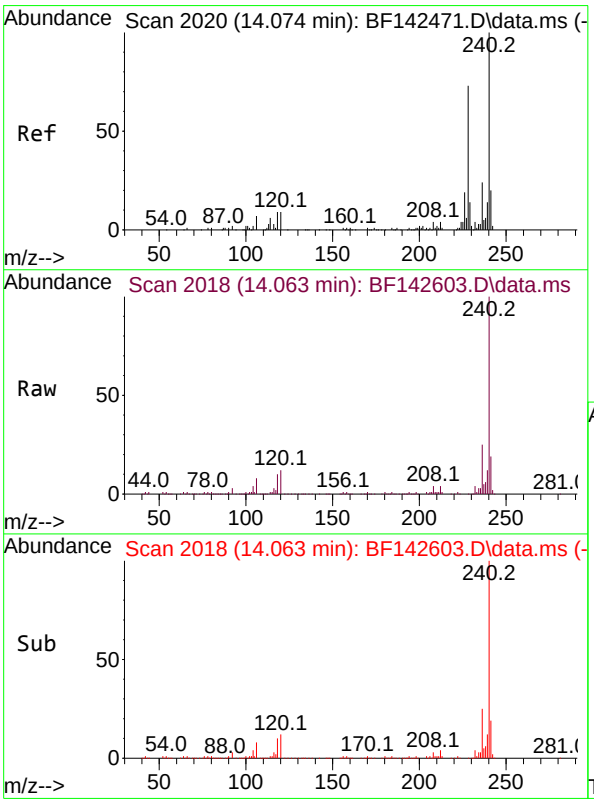
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:188 Resp: 477318

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.7	7.4	11.0

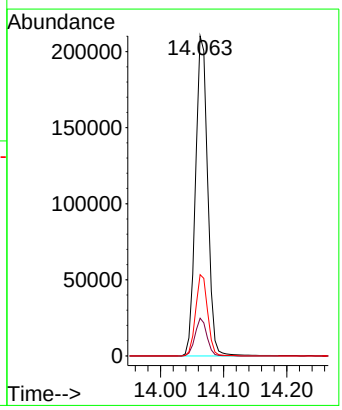


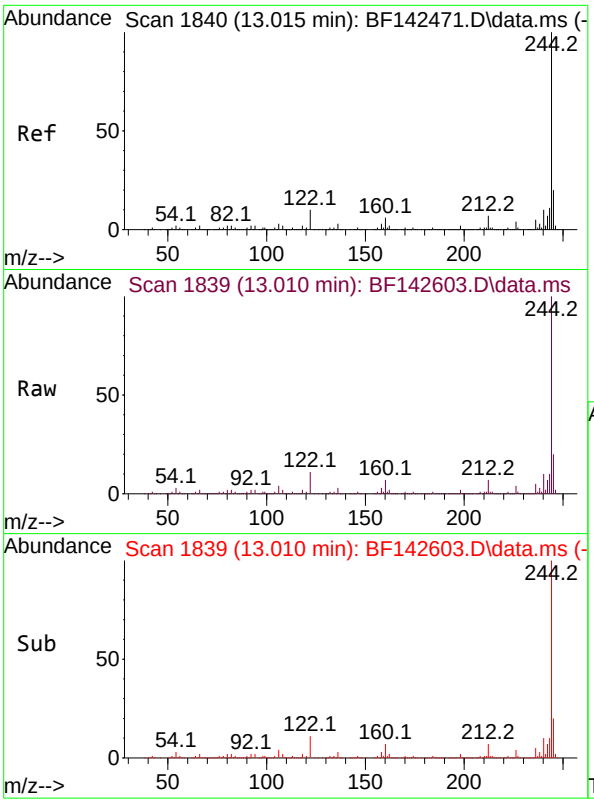


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:240 Resp: 281764

Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.5	11.3#
236	25.4	19.6	29.4



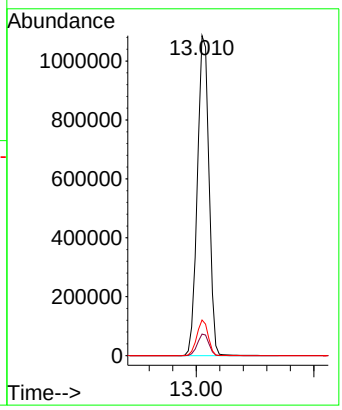


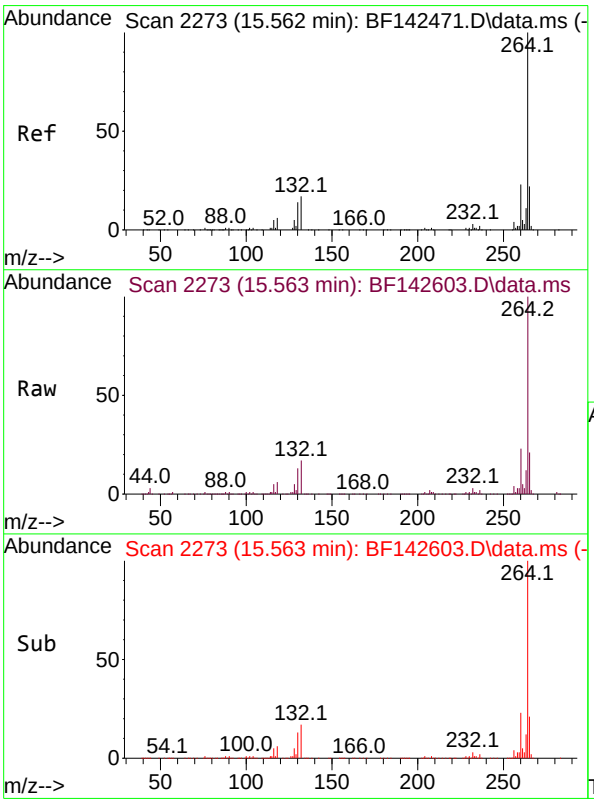
#79
Terphenyl-d14
Concen: 72.129 ng
RT: 13.010 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:244 Resp: 1487213

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	11.1	8.2	12.2

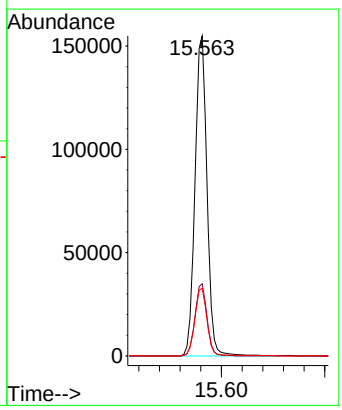




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:264 Resp: 248996

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.1	17.7	26.5



Raw Data: **BF142726.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168234BS			SDG No.:	Q2125
Lab Sample ID:	PB168234BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142726.D	1	06/04/25 09:10	06/11/25 10:51	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	76.0		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		30 (20) - 130 (109)	74%	SPK: 100
1718-51-0	Terphenyl-d14	80.6		30 (10) - 130 (105)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83200	6.893			
1146-65-2	Naphthalene-d8	318000	8.181			
15067-26-2	Acenaphthene-d10	176000	9.934			
1517-22-2	Phenanthrene-d10	298000	11.428			
1719-03-5	Chrysene-d12	155000	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 : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Quant Time: Jun 11 11:39:56 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	6.893	152	83192	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318279	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	176454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	298489	20.000	ng	0.00
76) Chrysene-d12	14.069	240	155305	20.000	ng	0.00
86) Perylene-d12	15.563	264	159844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	584197	119.599	ng	0.02
7) Phenol-d6	6.528	99	691853	120.354	ng	0.00
23) Nitrobenzene-d5	7.457	82	441985	75.999	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	238472	123.311	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	984029	74.089	ng	0.00
79) Terphenyl-d14	13.010	244	911215	80.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	68122	35.240	ng	99
3) Pyridine	3.516	79	188401	38.870	ng	100
4) n-Nitrosodimethylamine	3.475	42	107977	43.540	ng	100
6) Aniline	6.557	93	201688	26.214	ng	96
8) 2-Chlorophenol	6.675	128	236557	44.316	ng	100
9) Benzaldehyde	6.440	77	116066	32.604	ng	98
10) Phenol	6.540	94	269986	42.254	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	206382	43.243	ng	100
12) 1,3-Dichlorobenzene	6.834	146	256435	42.095	ng	99
13) 1,4-Dichlorobenzene	6.910	146	258872	42.048	ng	100
14) 1,2-Dichlorobenzene	7.063	146	246901	41.837	ng	99
15) Benzyl Alcohol	7.034	79	196868	45.311	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313231	41.685	ng	90
17) 2-Methylphenol	7.145	107	184321	45.042	ng	99
18) Hexachloroethane	7.404	117	92683	42.008	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	156371	42.729	ng	99
20) 3+4-Methylphenols	7.298	107	229683	44.520	ng	98
22) Acetophenone	7.304	105	311295	43.969	ng	98
24) Nitrobenzene	7.475	77	232002	44.948	ng	97
25) Isophorone	7.716	82	428493	43.516	ng	99
26) 2-Nitrophenol	7.793	139	133453	46.328	ng	99
27) 2,4-Dimethylphenol	7.828	122	219710	44.798	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	270365	44.224	ng	99
29) 2,4-Dichlorophenol	8.034	162	208108	45.979	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	218563	43.700	ng	99
31) Naphthalene	8.198	128	689361	43.794	ng	99
32) Benzoic acid	7.957	122	138145	50.015	ng	100
33) 4-Chloroaniline	8.245	127	65521m	10.367	ng	
34) Hexachlorobutadiene	8.316	225	138408	43.427	ng	99
35) Caprolactam	8.622	113	62727m	51.341	ng	
36) 4-Chloro-3-methylphenol	8.734	107	212482	45.148	ng	100
37) 2-Methylnaphthalene	8.892	142	438004	43.962	ng	100
38) 1-Methylnaphthalene	8.992	142	450044	43.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	222525	43.572	ng	99
41) Hexachlorocyclopentadiene	9.045	237	288961	88.156	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	154341	46.686	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Quant Time: Jun 11 11:39:56 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

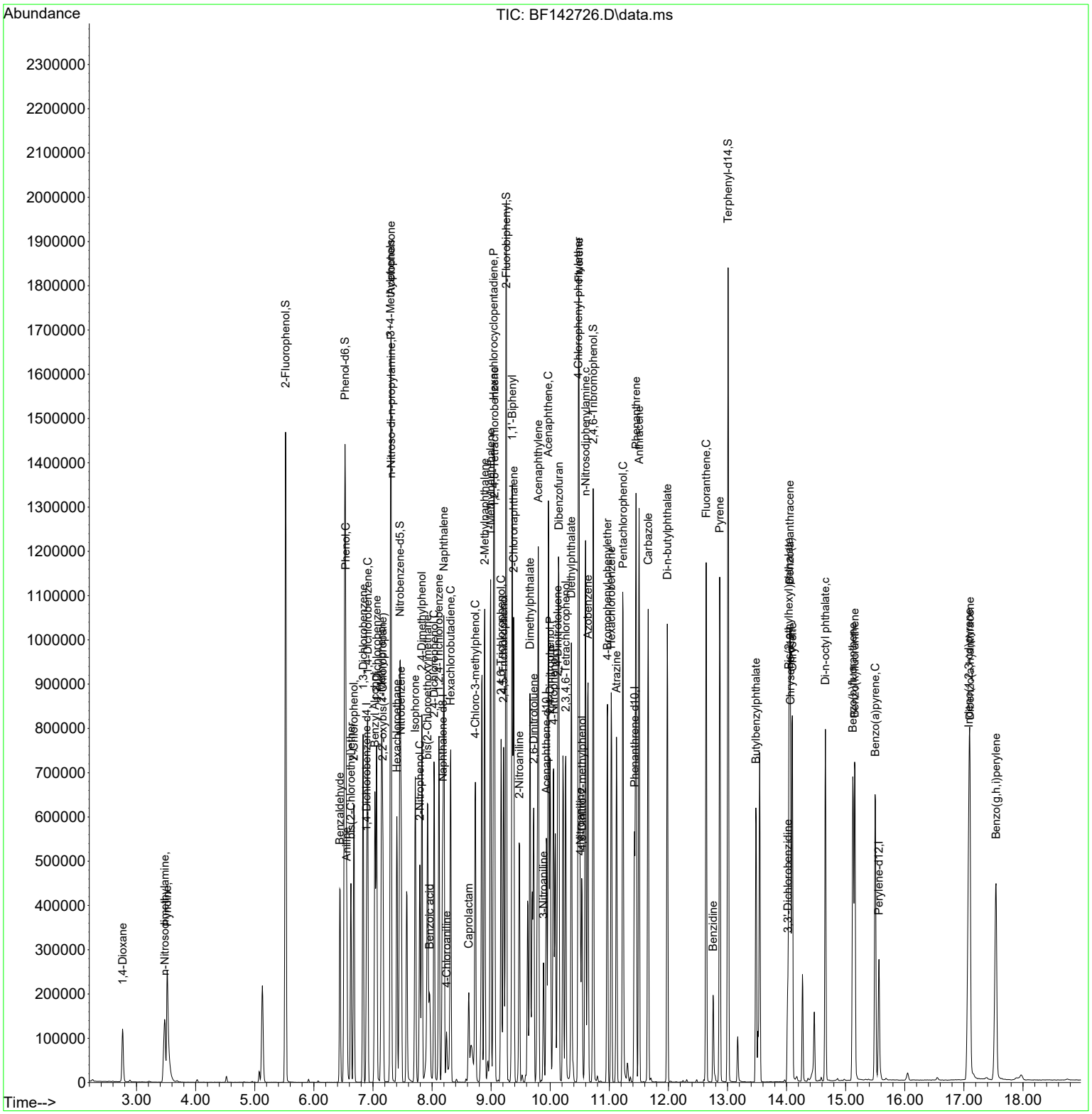
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	160942	45.074	ng	97
46) 1,1'-Biphenyl	9.357	154	606260	44.246	ng	100
47) 2-Chloronaphthalene	9.381	162	443000	43.885	ng	100
48) 2-Nitroaniline	9.475	65	130604	45.490	ng	100
49) Acenaphthylene	9.798	152	751339	44.143	ng	100
50) Dimethylphthalate	9.657	163	544106	46.176	ng	100
51) 2,6-Dinitrotoluene	9.722	165	116765	45.850	ng	97
52) Acenaphthene	9.969	154	521862m	49.451	ng	
53) 3-Nitroaniline	9.886	138	62297	22.553	ng	100
54) 2,4-Dinitrophenol	9.998	184	152241	109.132	ng	92
55) Dibenzofuran	10.145	168	661023	43.987	ng	99
56) 4-Nitrophenol	10.057	139	185324	98.923	ng	99
57) 2,4-Dinitrotoluene	10.128	165	160597	47.695	ng	96
58) Fluorene	10.486	166	523139	44.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	136952	45.590	ng	99
60) Diethylphthalate	10.357	149	541870	46.377	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	254023	43.831	ng	100
62) 4-Nitroaniline	10.510	138	114731	46.428	ng	99
63) Azobenzene	10.639	77	458707	44.952	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	92727	49.608	ng	96
66) n-Nitrosodiphenylamine	10.598	169	457115	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	159695	45.325	ng	99
68) Hexachlorobenzene	11.033	284	175582	44.895	ng	100
69) Atrazine	11.122	200	137490	50.262	ng	99
70) Pentachlorophenol	11.233	266	194889	95.063	ng	98
71) Phenanthrene	11.451	178	716195	44.787	ng	100
72) Anthracene	11.504	178	733408	44.335	ng	100
73) Carbazole	11.657	167	636667	45.973	ng	100
74) Di-n-butylphthalate	11.980	149	755120	48.831	ng	99
75) Fluoranthene	12.639	202	691241	45.459	ng	99
77) Benzidine	12.757	184	118967	21.509	ng	99
78) Pyrene	12.869	202	679006	47.047	ng	100
80) Butylbenzylphthalate	13.480	149	213703	50.072	ng	100
81) Benzo(a)anthracene	14.057	228	466488	45.327	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	65244	19.659	ng	99
83) Chrysene	14.098	228	434351	45.712	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	297822	46.498	ng	99
85) Di-n-octyl phthalate	14.657	149	552324	44.947	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	552121	46.611	ng	100
88) Benzo(b)fluoranthene	15.121	252	466805	49.597	ng	100
89) Benzo(k)fluoranthene	15.151	252	405150	44.366	ng	99
90) Benzo(a)pyrene	15.504	252	427694	47.794	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	461373	47.702	ng	99
92) Benzo(g,h,i)perylene	17.545	276	443588	46.121	ng	100

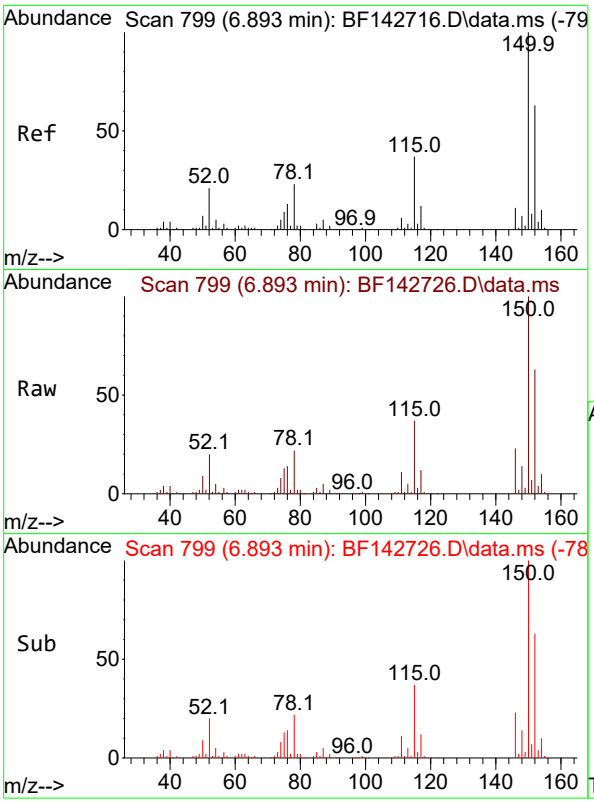
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Quant Time: Jun 11 11:39:56 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



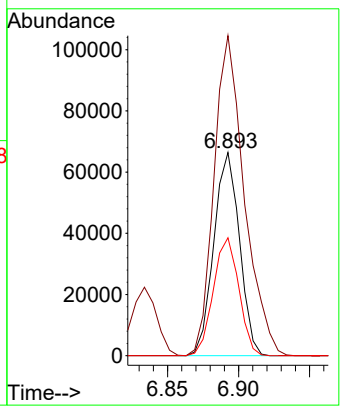


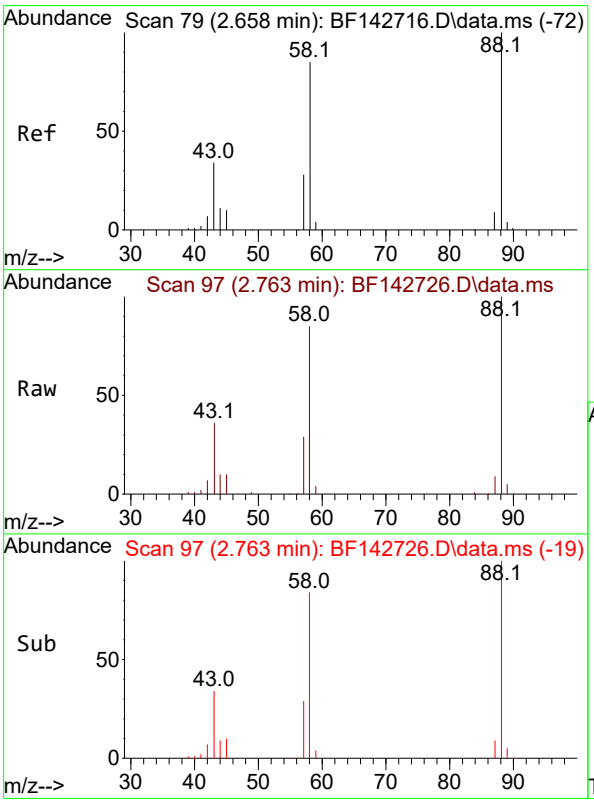
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:152 Resp: 83192

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.9	190.3
115	58.0	47.0	70.6

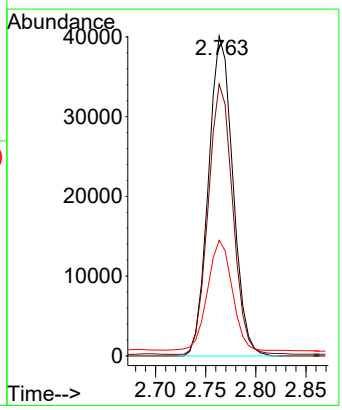


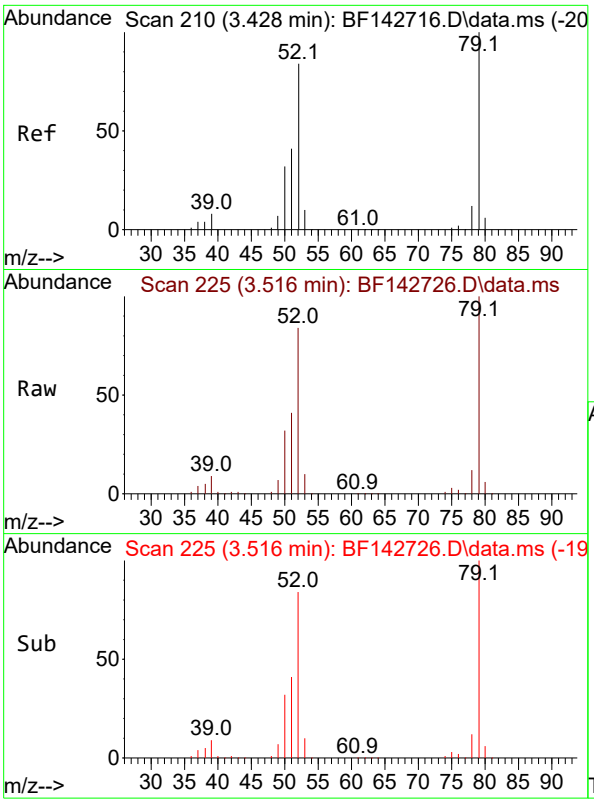


#2
1,4-Dioxane
Concen: 35.240 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 88 Resp: 68122

Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.4	102.6
43	35.6	27.0	40.6



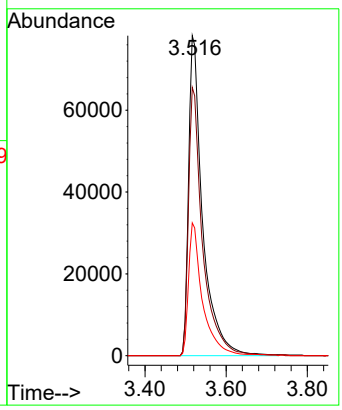


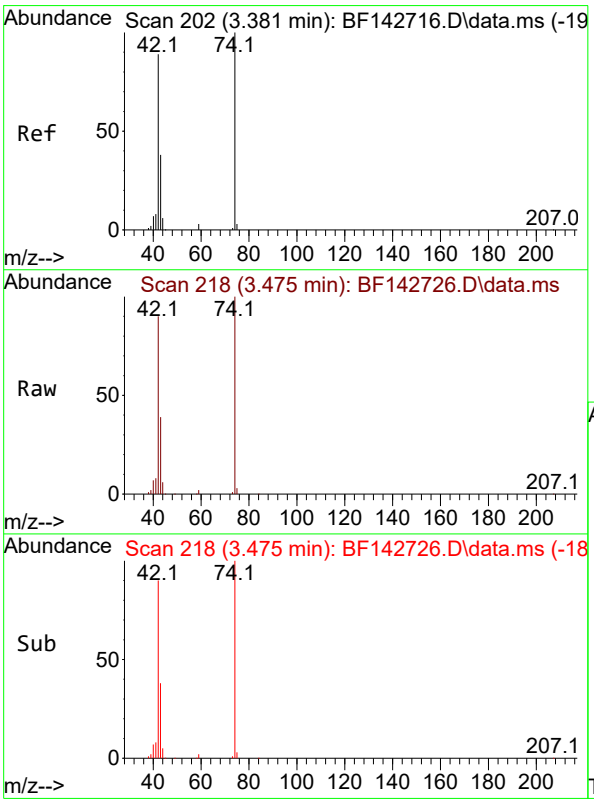
#3
Pyridine
Concen: 38.870 ng
RT: 3.516 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 79 Resp: 188401

Ion	Ratio	Lower	Upper
79	100		
52	83.8	67.1	100.7
51	41.5	32.6	48.8

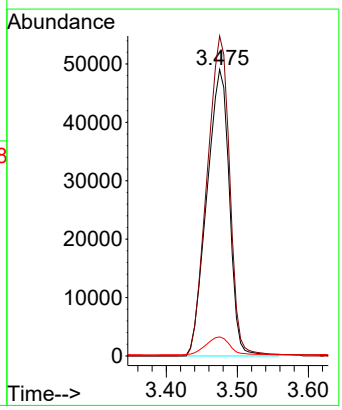


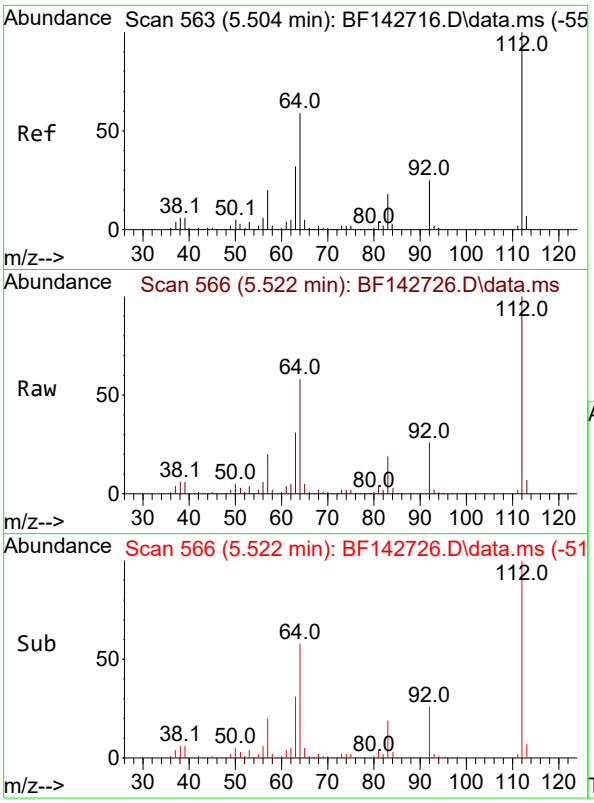


#4
n-Nitrosodimethylamine
Concen: 43.540 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 42 Resp: 107977

Ion	Ratio	Lower	Upper
42	100		
74	111.7	89.6	134.4
44	6.7	5.4	8.2



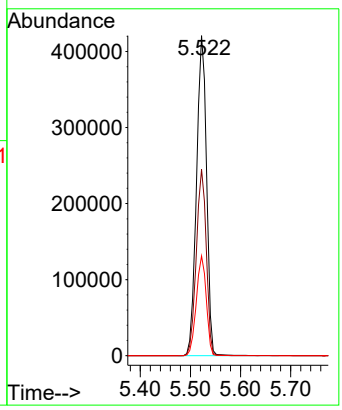


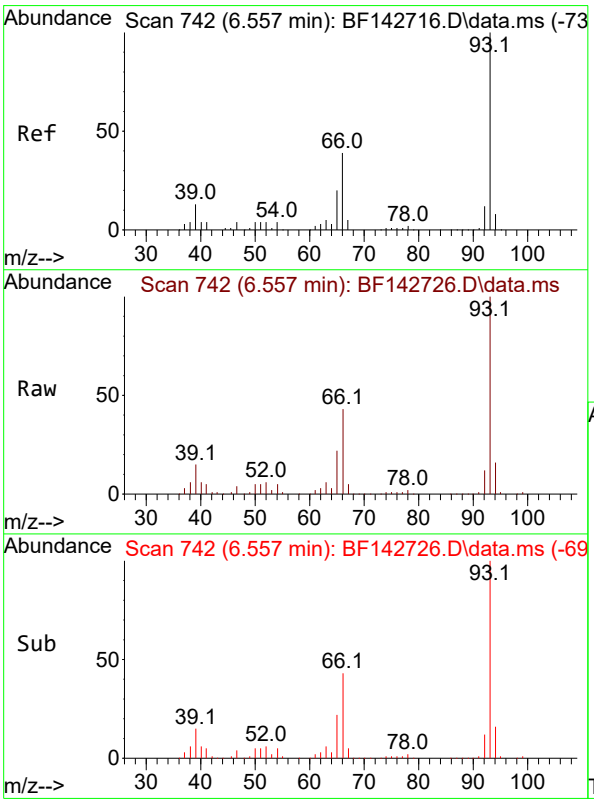
#5
2-Fluorophenol
Concen: 119.599 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:112 Resp: 584197

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.4	71.2
63	31.1	25.4	38.0

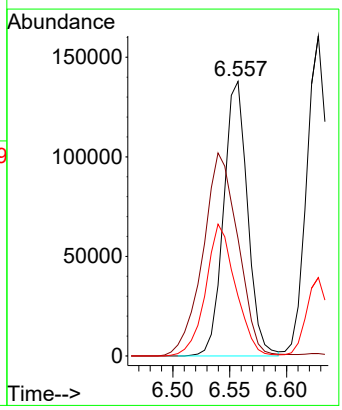


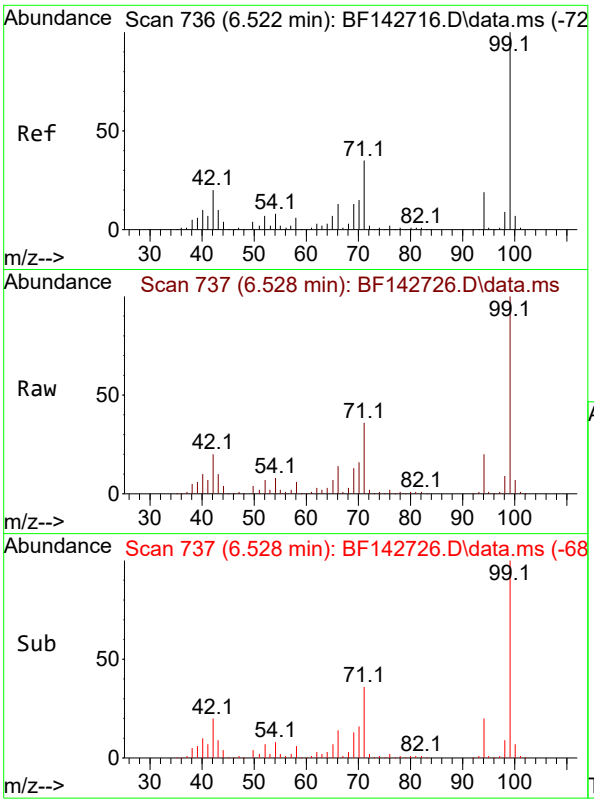


#6
Aniline
Concen: 26.214 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 93 Resp: 201688

Ion	Ratio	Lower	Upper
93	100		
66	42.7	32.0	48.0
65	21.8	16.1	24.1



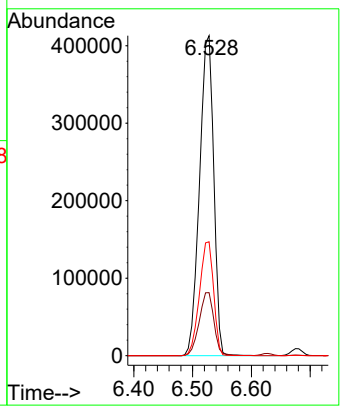


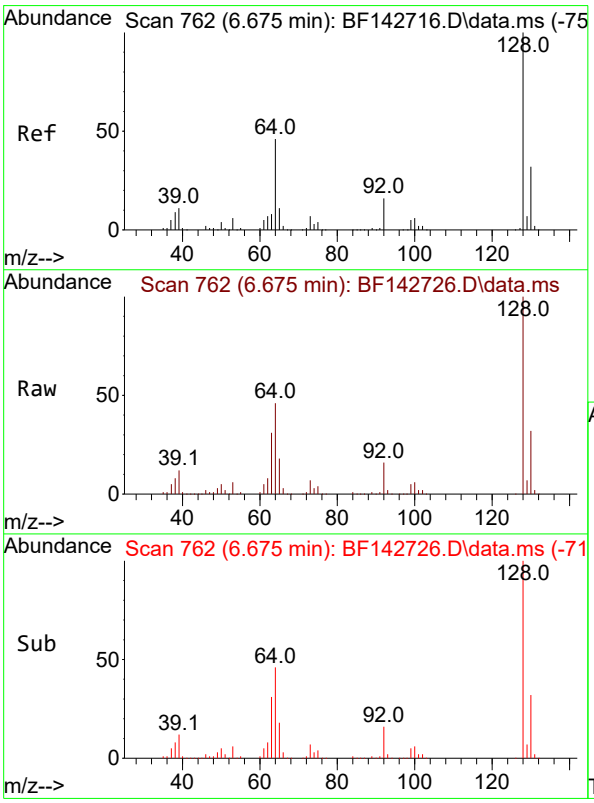
#7
Phenol-d6
Concen: 120.354 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 99 Resp: 691853

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	35.6	28.0	42.0

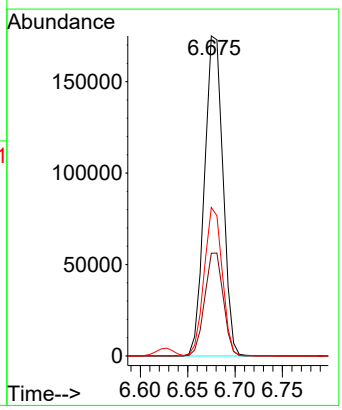


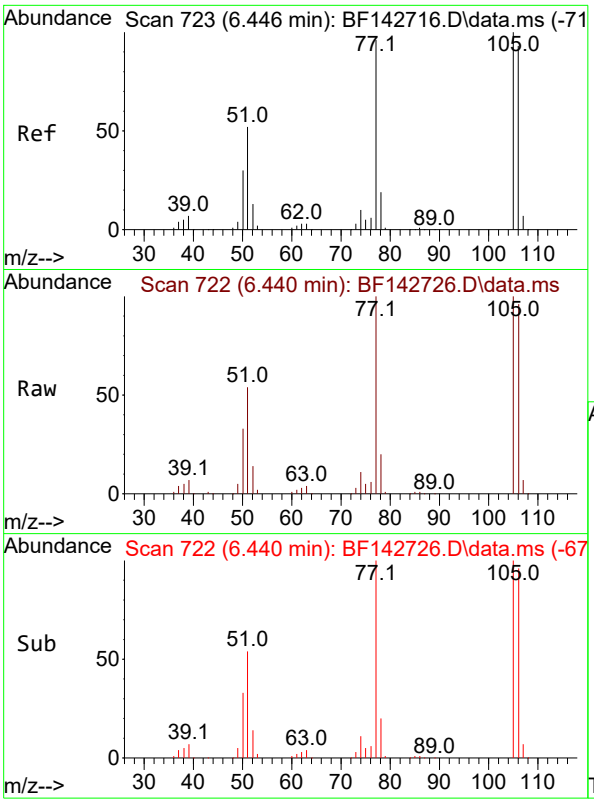


#8
2-Chlorophenol
Concen: 44.316 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:128 Resp: 236557

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.4	52.4
64	46.4	26.5	66.5



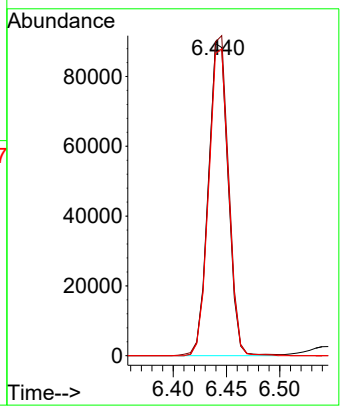


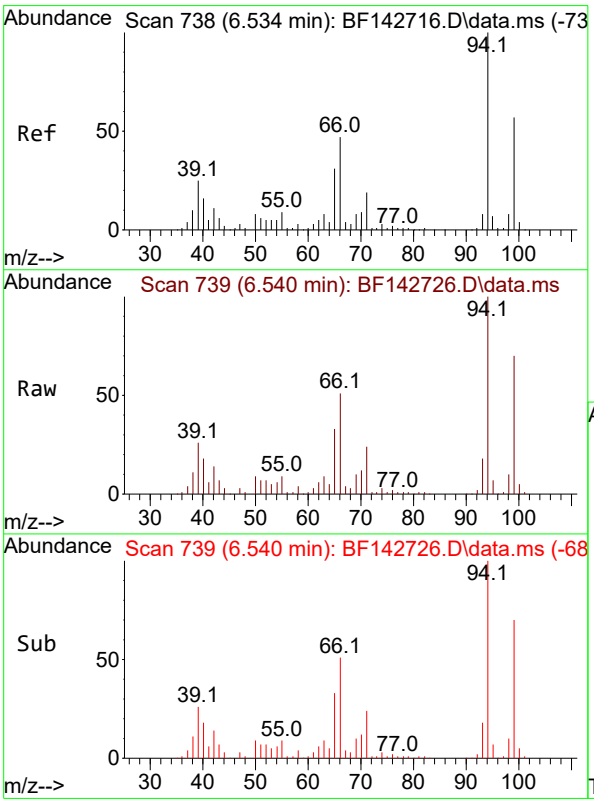
#9
Benzaldehyde
Concen: 32.604 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 77 Resp: 116066

Ion	Ratio	Lower	Upper
77	100		
105	100.5	84.1	124.1
106	96.8	77.2	117.2

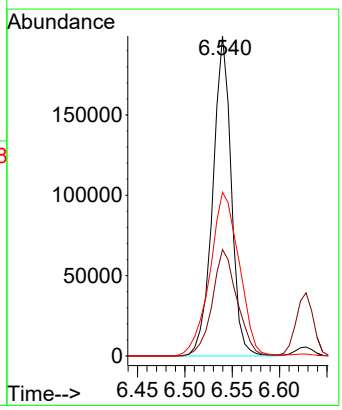


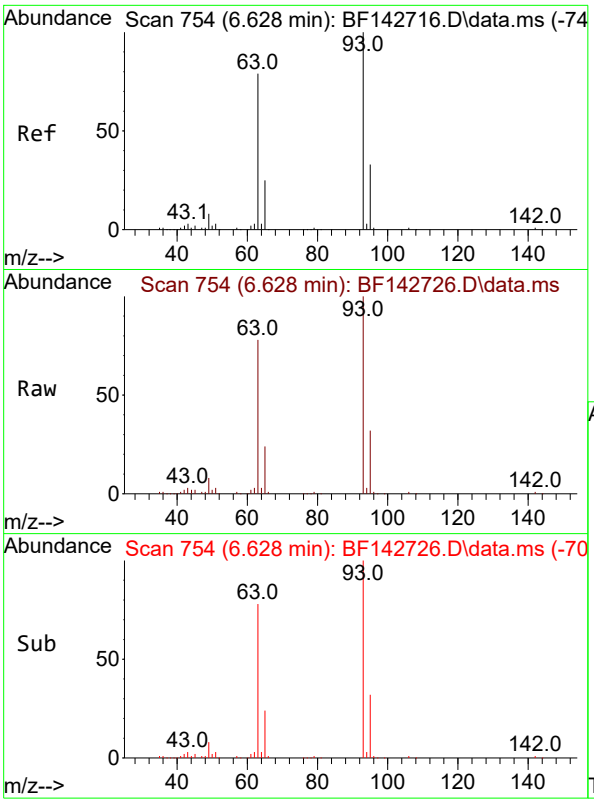


#10
Phenol
Concen: 42.254 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 94 Resp: 269986

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.4	51.4
66	51.2	26.7	66.7



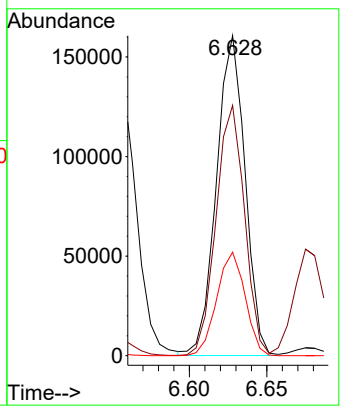


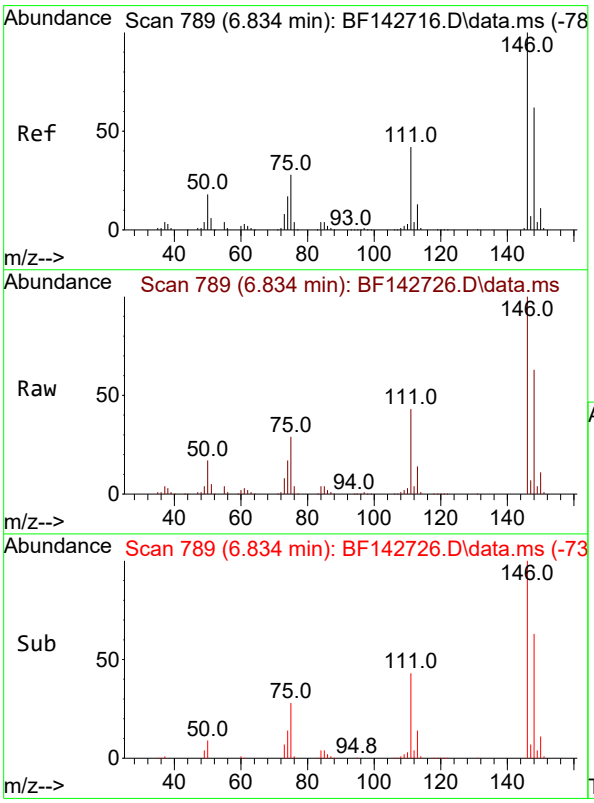
#11
bis(2-Chloroethyl)ether
Concen: 43.243 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 93 Resp: 206382

Ion	Ratio	Lower	Upper
93	100		
63	78.2	58.3	98.3
95	32.4	13.1	53.1

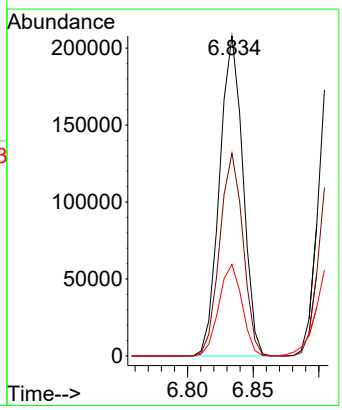


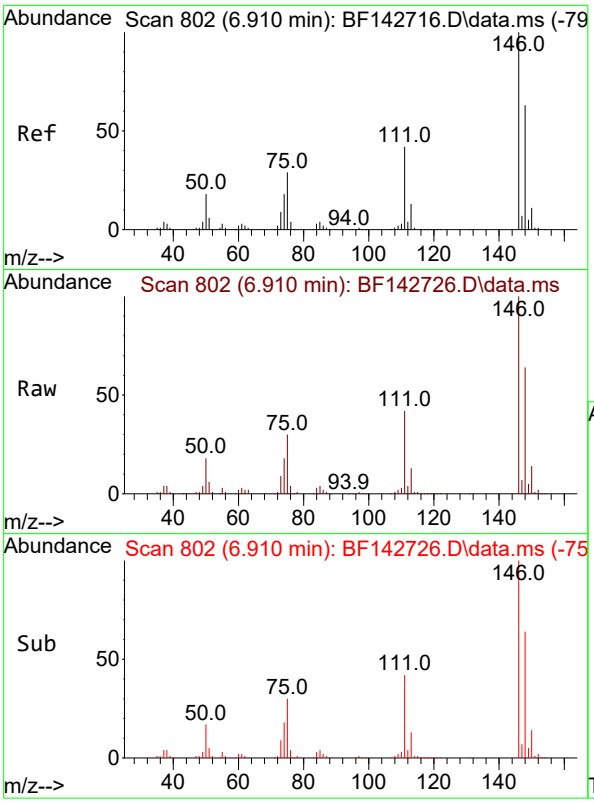


#12
1,3-Dichlorobenzene
Concen: 42.095 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:146 Resp: 256435

Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.9	74.9
75	28.6	22.6	34.0



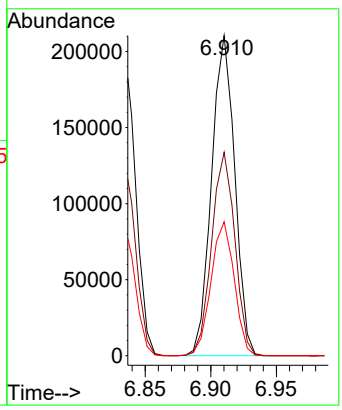


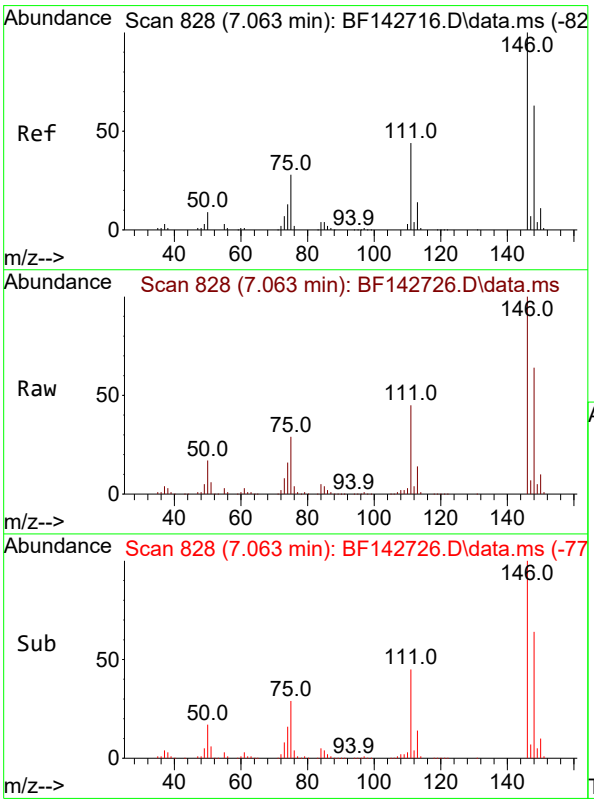
#13
1,4-Dichlorobenzene
Concen: 42.048 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:146 Resp: 258872

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	41.8	33.6	50.4

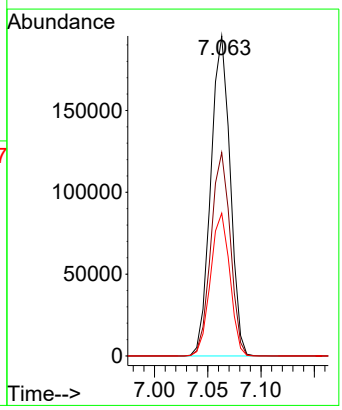


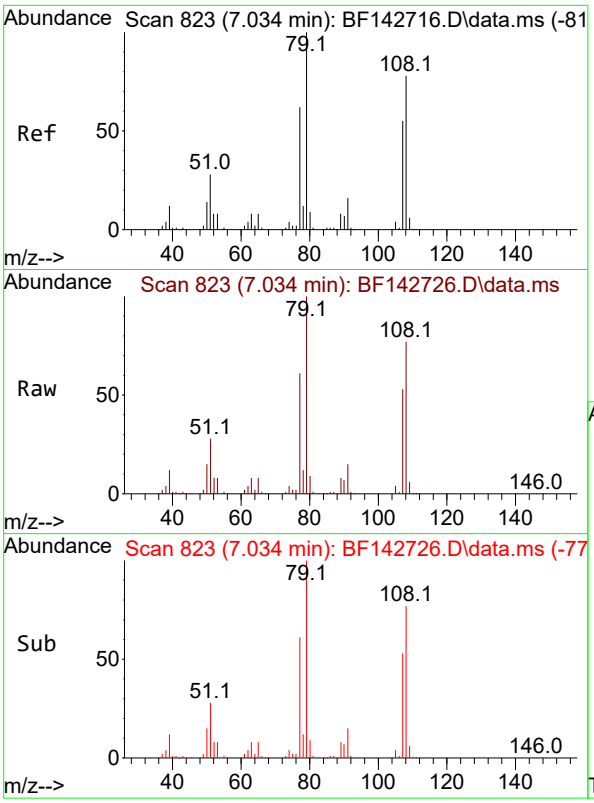


#14
1,2-Dichlorobenzene
Concen: 41.837 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:146 Resp: 246901

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	44.6	35.2	52.8



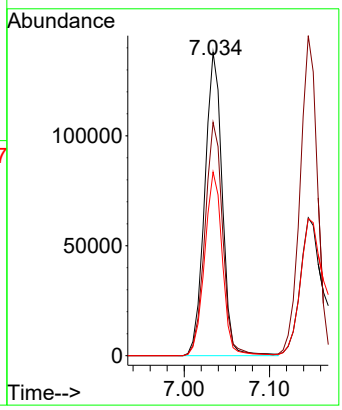


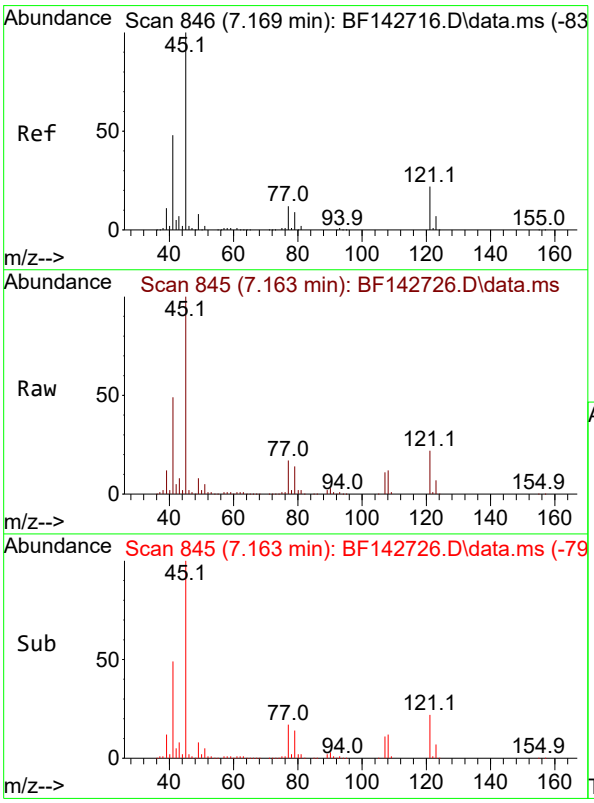
#15
Benzyl Alcohol
Concen: 45.311 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 79 Resp: 196868

Ion	Ratio	Lower	Upper
79	100		
108	76.9	62.6	94.0
77	60.6	49.8	74.8

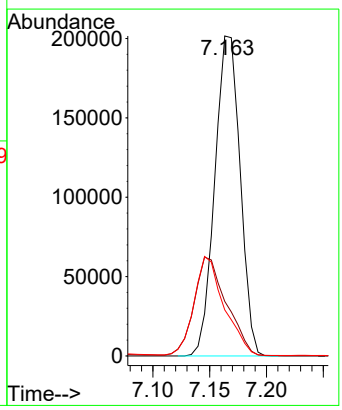


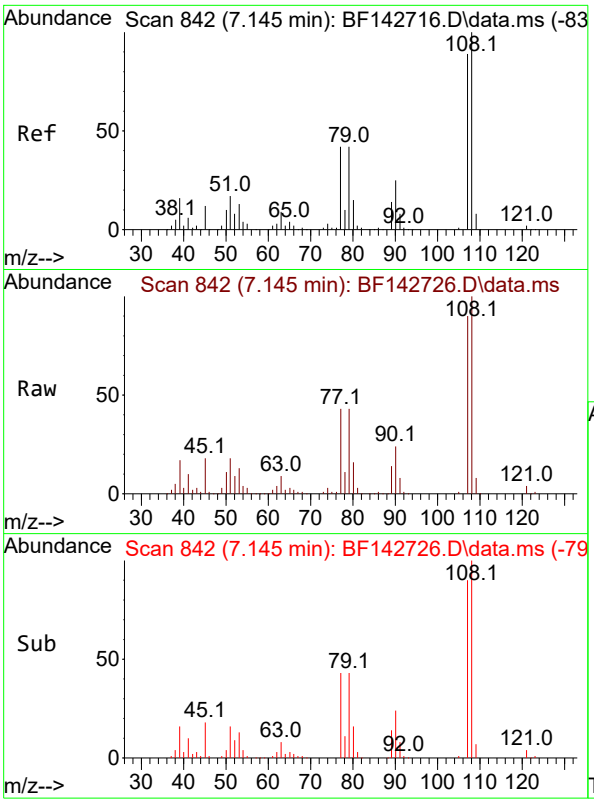


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.685 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 45 Resp: 313231

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	33.1
79	14.4	0.0	30.5



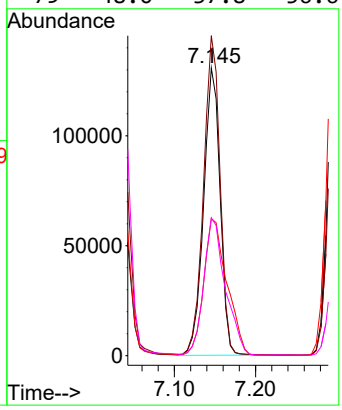


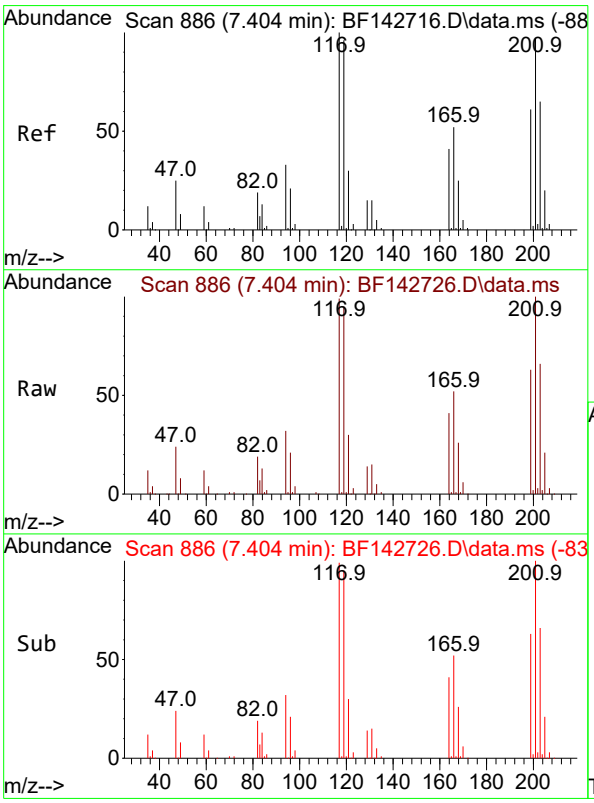
#17
2-Methylphenol
Concen: 45.042 ng
RT: 7.145 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:107 Resp: 184321

Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.0	135.0
77	47.6	38.2	57.2
79	48.0	37.8	56.6

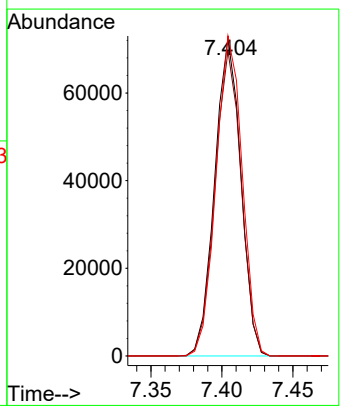


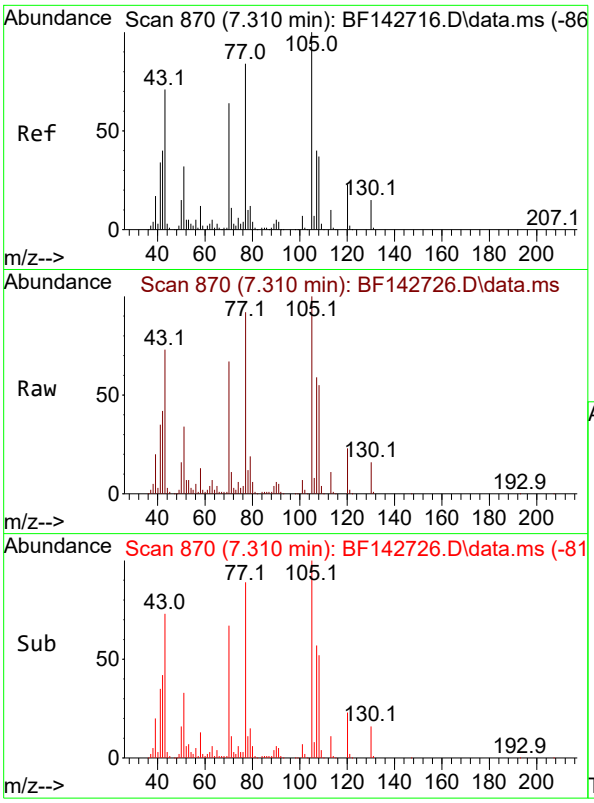


#18
Hexachloroethane
Concen: 42.008 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:117 Resp: 92683

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.4	114.6
201	100.8	77.8	116.6



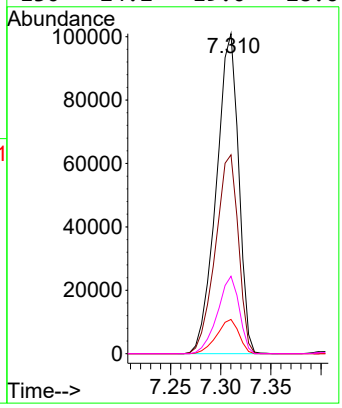


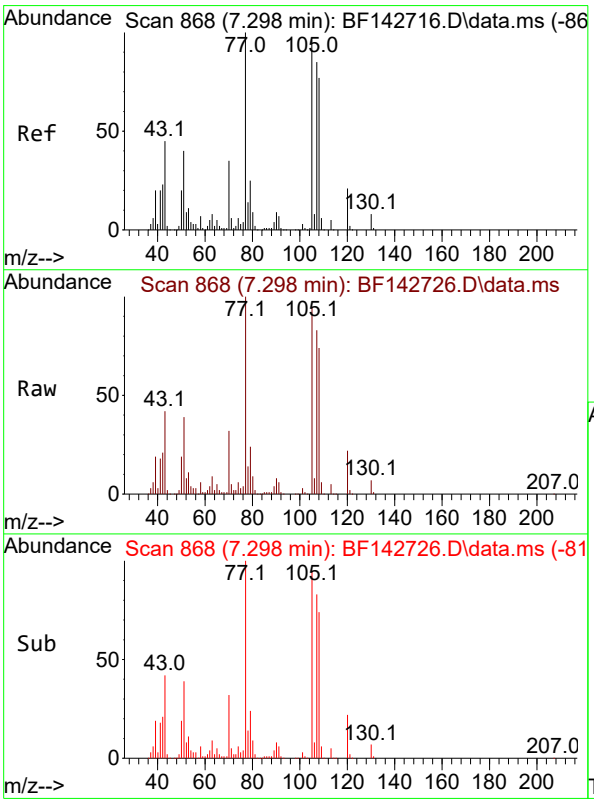
#19
n-Nitroso-di-n-propylamine
Concen: 42.729 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 70 Resp: 156371

Ion	Ratio	Lower	Upper
70	100		
42	62.2	50.2	75.4
101	10.7	8.3	12.5
130	24.2	19.0	28.6

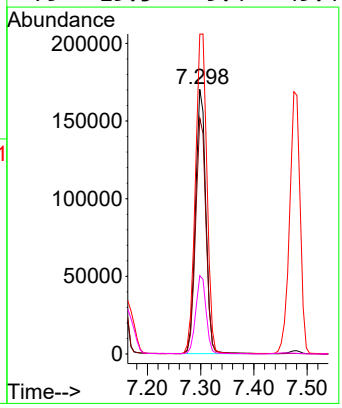


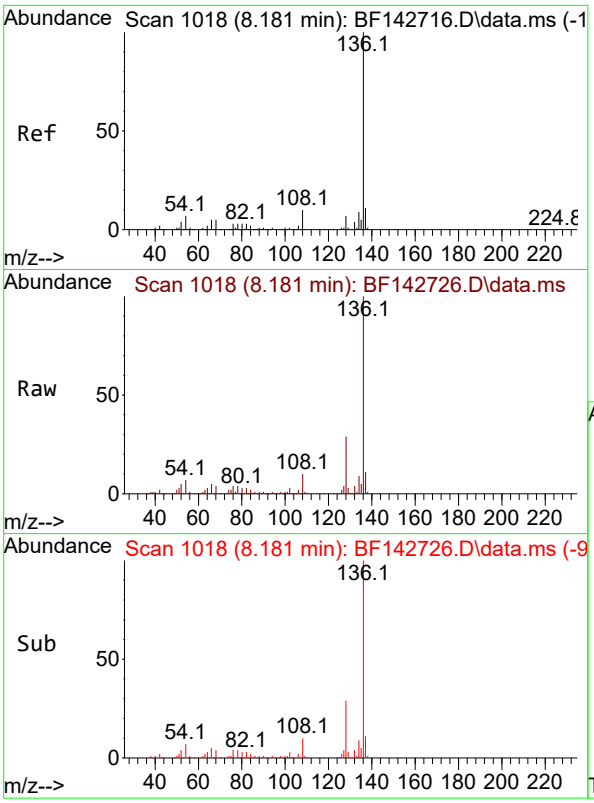


#20
3+4-Methylphenols
Concen: 44.520 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:107 Resp: 229683

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	120.8	97.4	137.4
79	29.5	9.4	49.4



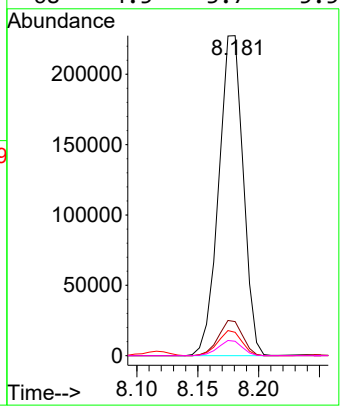


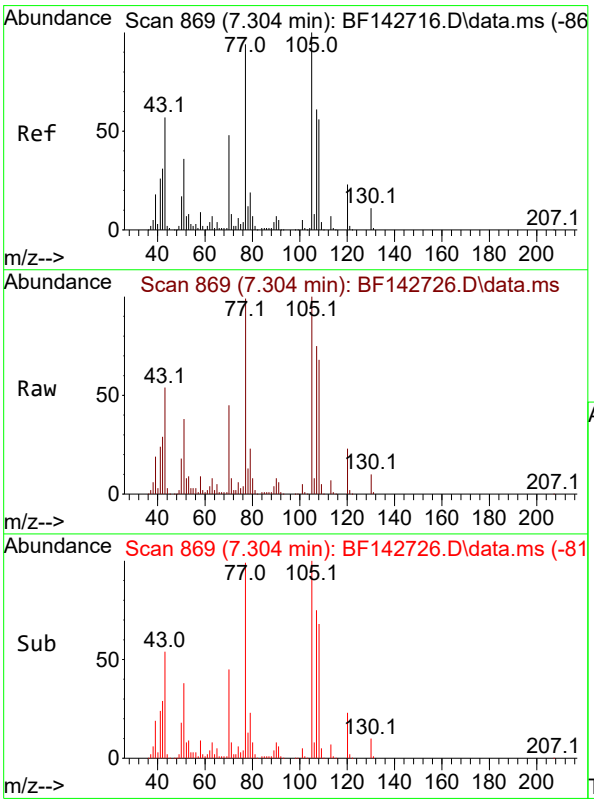
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:136 Resp: 318279

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.3	5.9	8.9
68	4.5	3.7	5.5

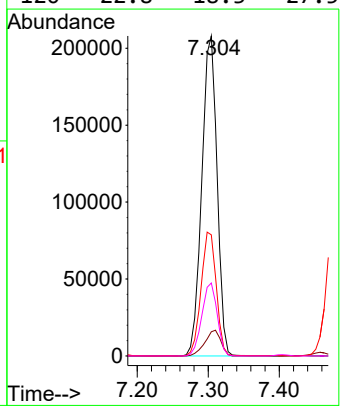


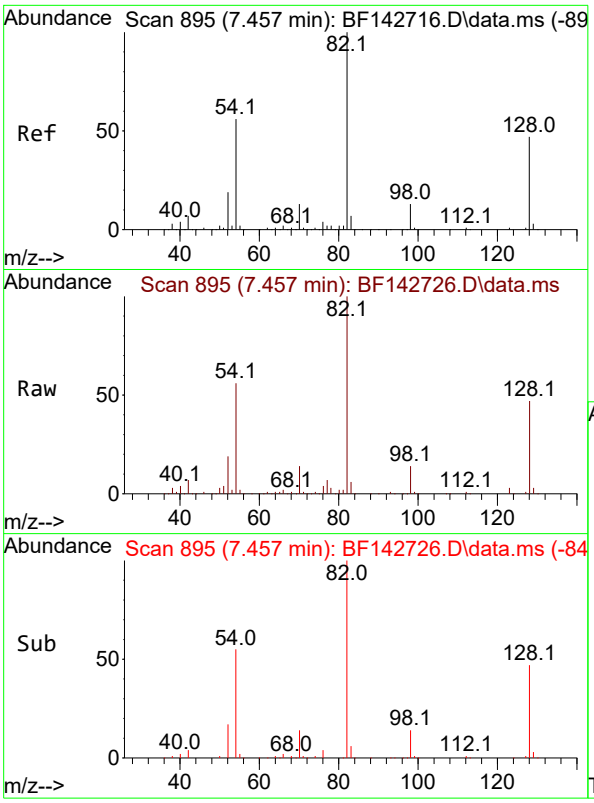


#22
Acetophenone
Concen: 43.969 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:105 Resp: 311295

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.4	9.6
51	37.8	29.1	43.7
120	22.8	18.3	27.5



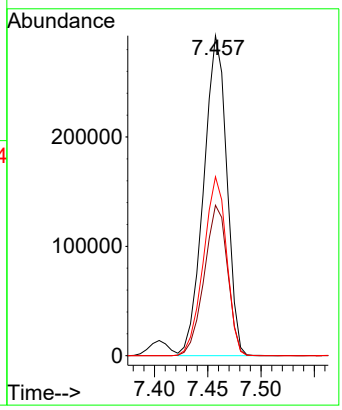


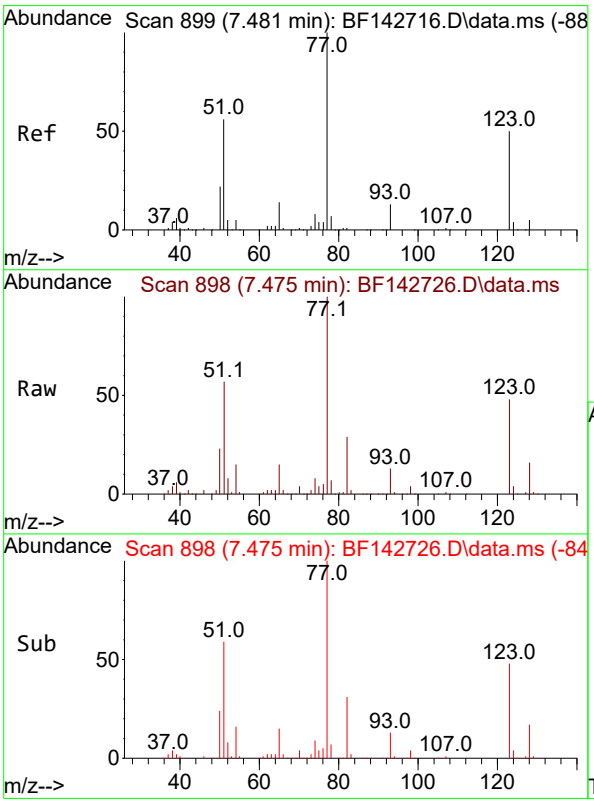
#23
Nitrobenzene-d5
Concen: 75.999 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 82 Resp: 441985

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	55.9	44.9	67.3

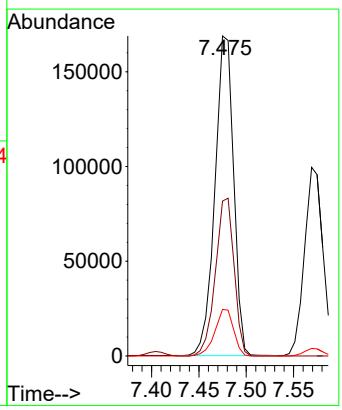


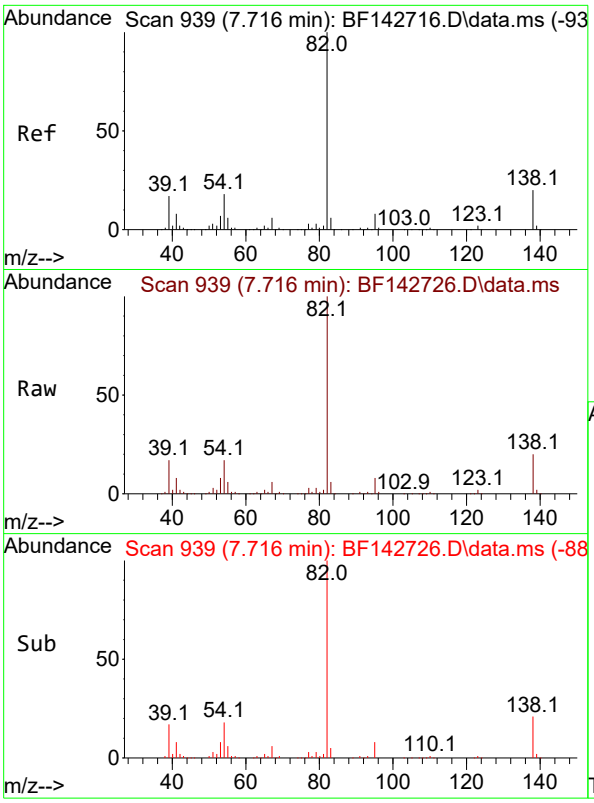


#24
Nitrobenzene
Concen: 44.948 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 77 Resp: 232002

Ion	Ratio	Lower	Upper
77	100		
123	48.4	40.8	61.2
65	14.5	11.5	17.3



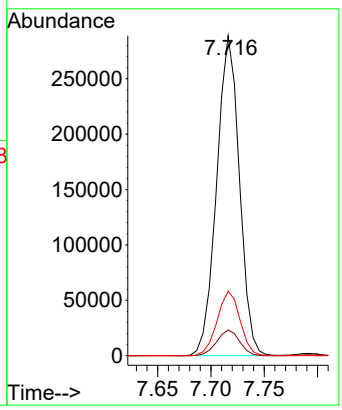


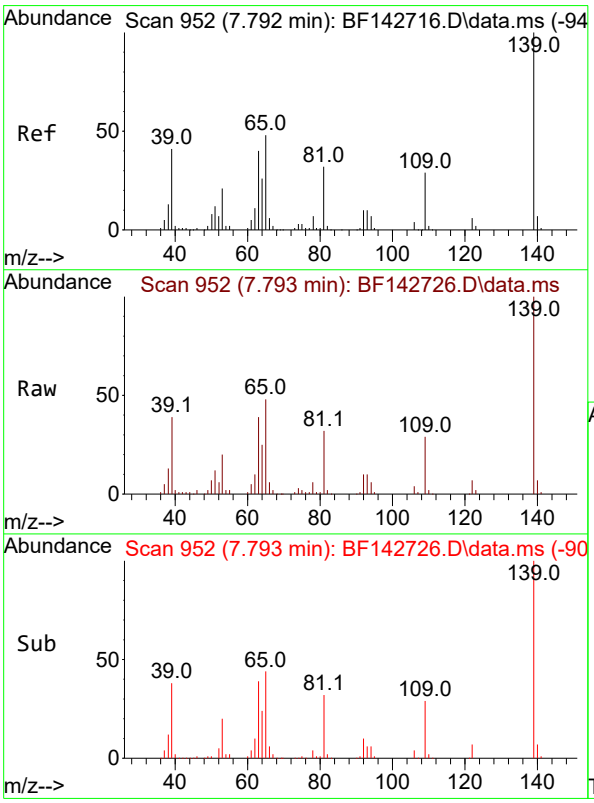
#25
Isophorone
Concen: 43.516 ng
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 82 Resp: 428493

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.0	9.0
138	20.2	15.8	23.6

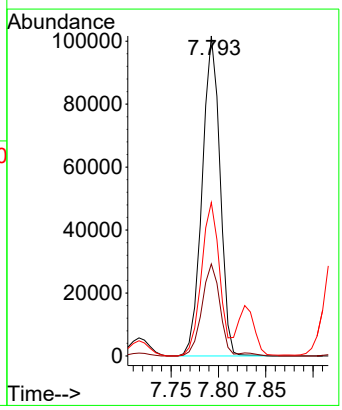


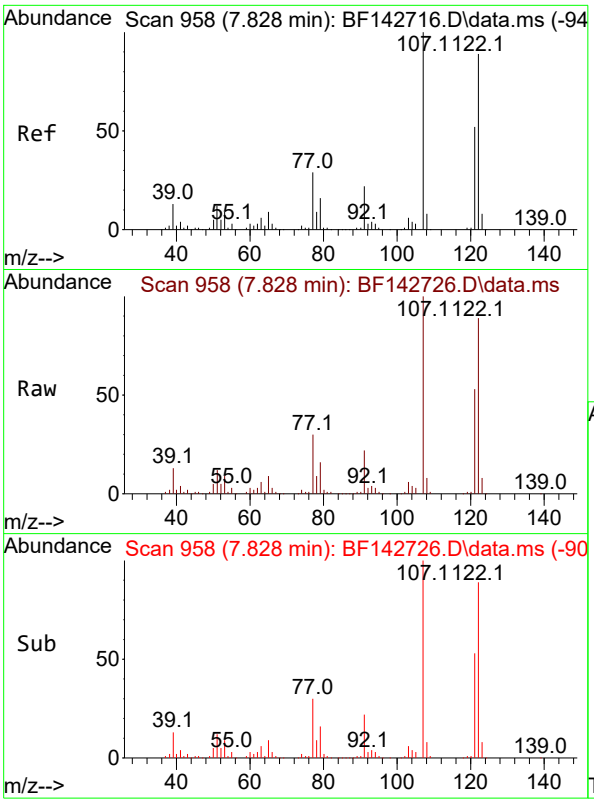


#26
2-Nitrophenol
Concen: 46.328 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:139 Resp: 133453

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	48.0	38.7	58.1



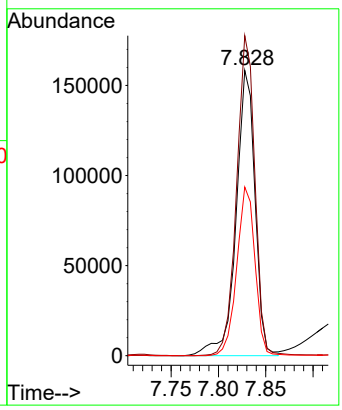


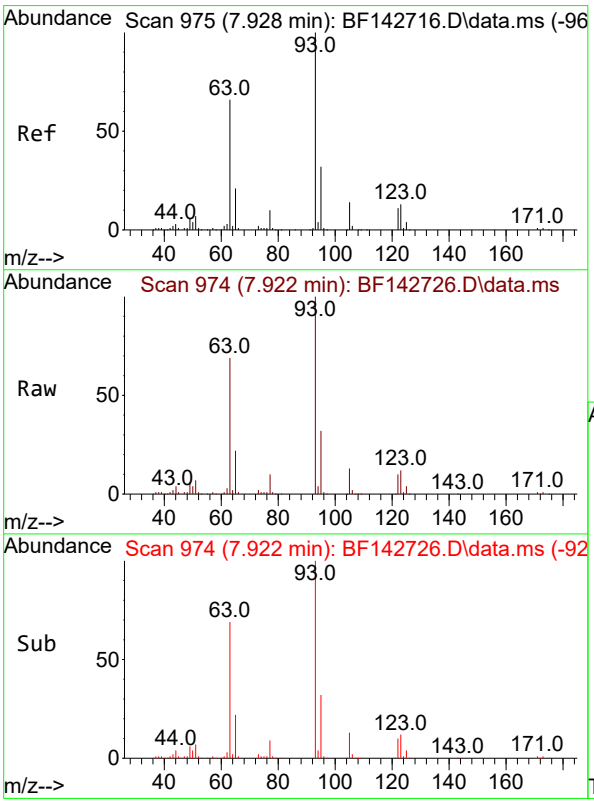
#27
2,4-Dimethylphenol
Concen: 44.798 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:122 Resp: 219710

Ion	Ratio	Lower	Upper
122	100		
107	112.2	90.4	135.6
121	59.1	46.9	70.3

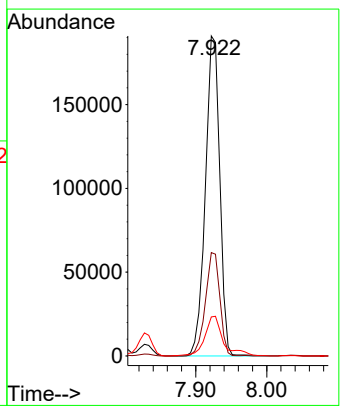


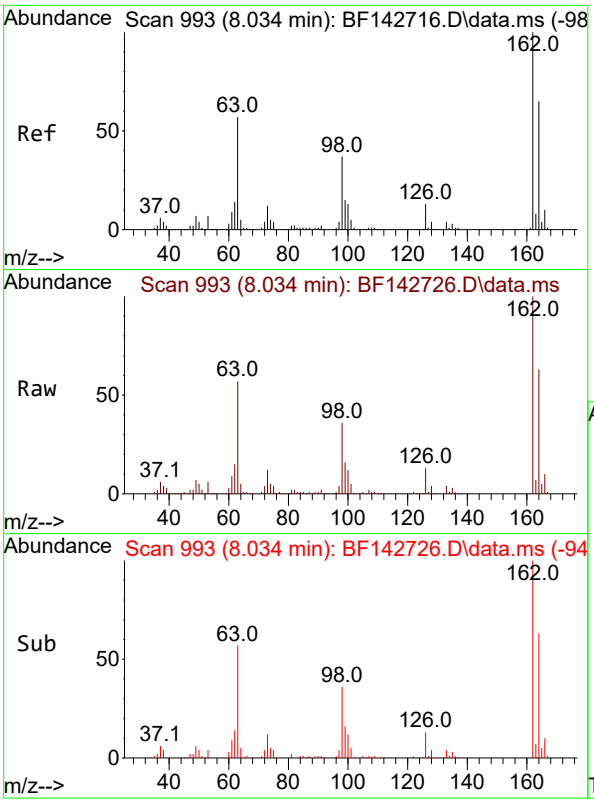


#28
bis(2-Chloroethoxy)methane
Concen: 44.224 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 93 Resp: 270365

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	12.2	10.3	15.5



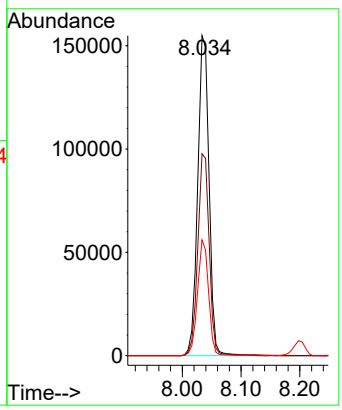


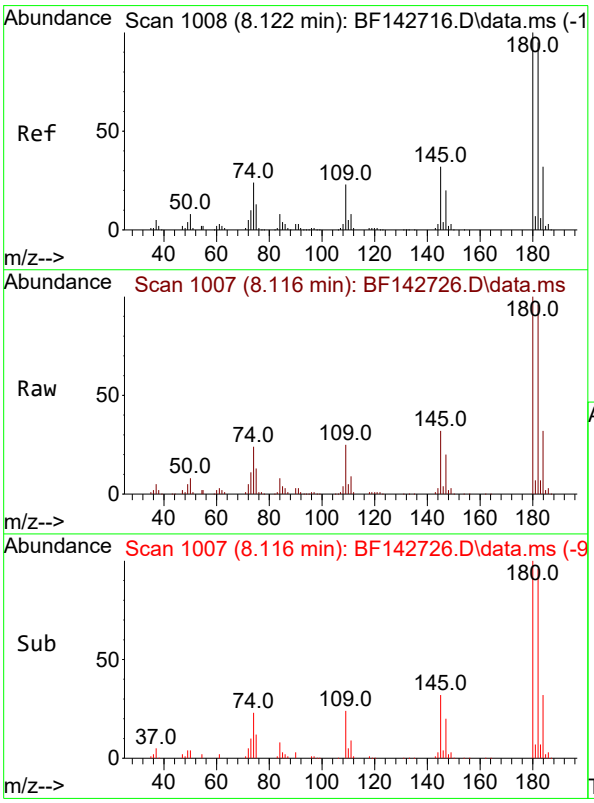
#29
2,4-Dichlorophenol
Concen: 45.979 ng
RT: 8.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:162 Resp: 208108

Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.1	85.1
98	36.2	16.7	56.7

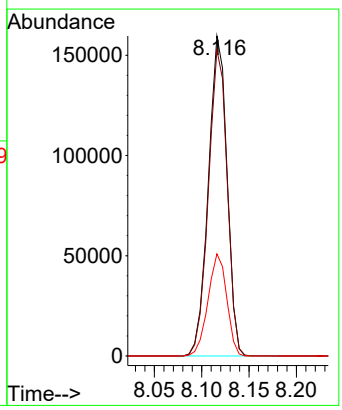


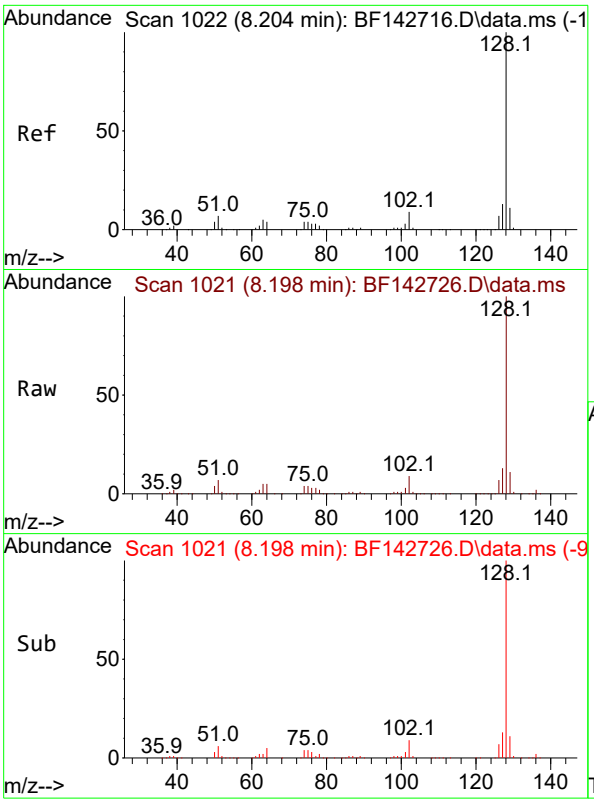


#30
1,2,4-Trichlorobenzene
Concen: 43.700 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:180 Resp: 218563

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	31.9	25.7	38.5



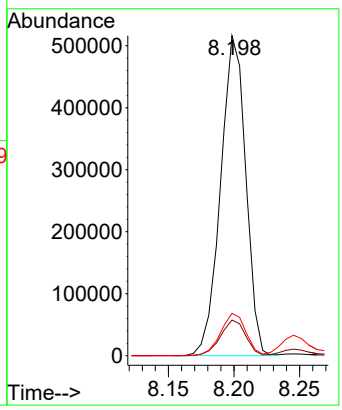


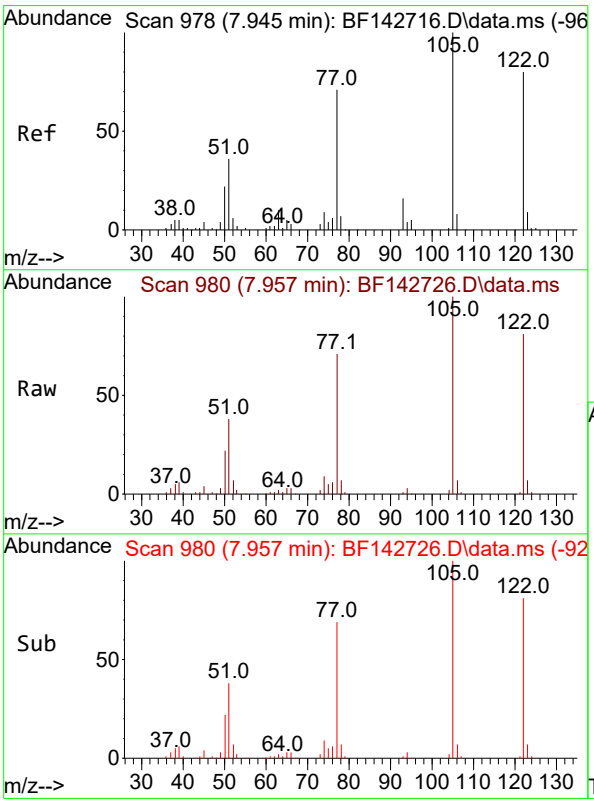
#31
Naphthalene
Concen: 43.794 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:128 Resp: 689361

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.4	15.6

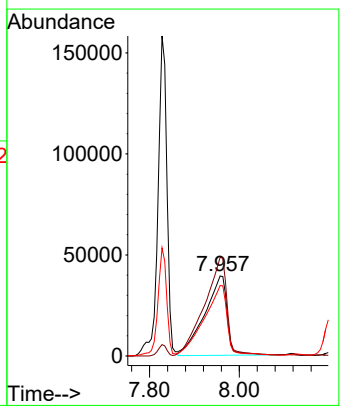


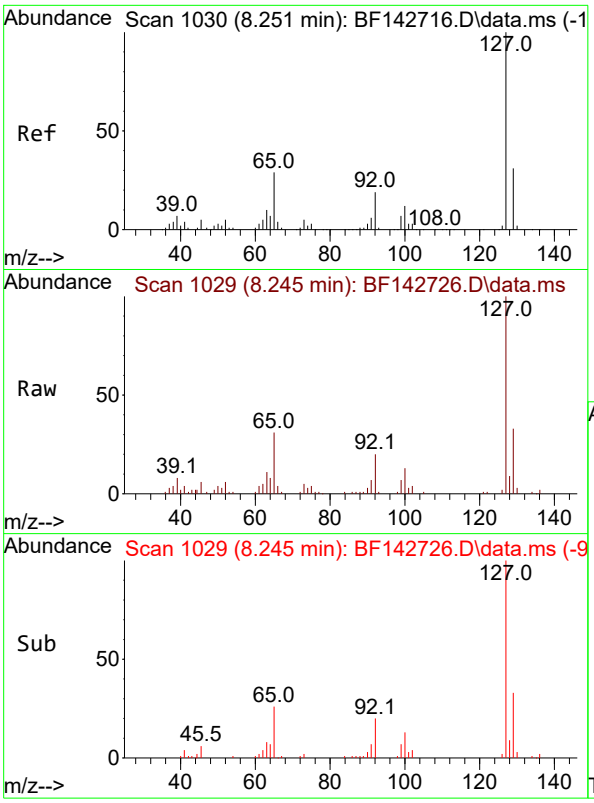


#32
Benzoic acid
Concen: 50.015 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:122 Resp: 138145

Ion	Ratio	Lower	Upper
122	100		
105	123.3	102.6	142.6
77	88.0	68.2	108.2



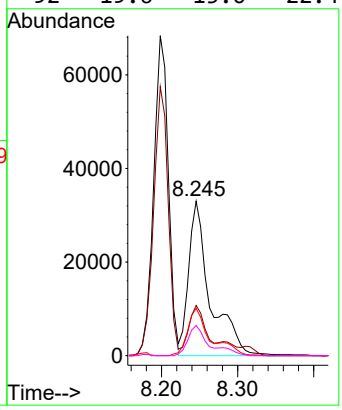


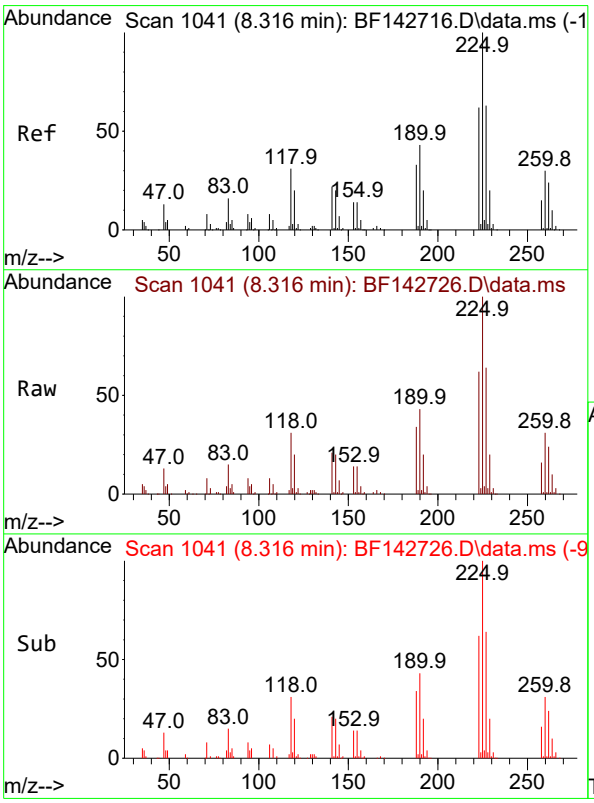
#33
4-Chloroaniline
Concen: 10.367 ng m
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:127 Resp: 65521

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	30.7	23.0	34.4
92	19.6	15.0	22.4

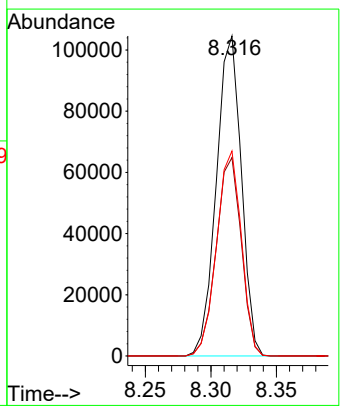


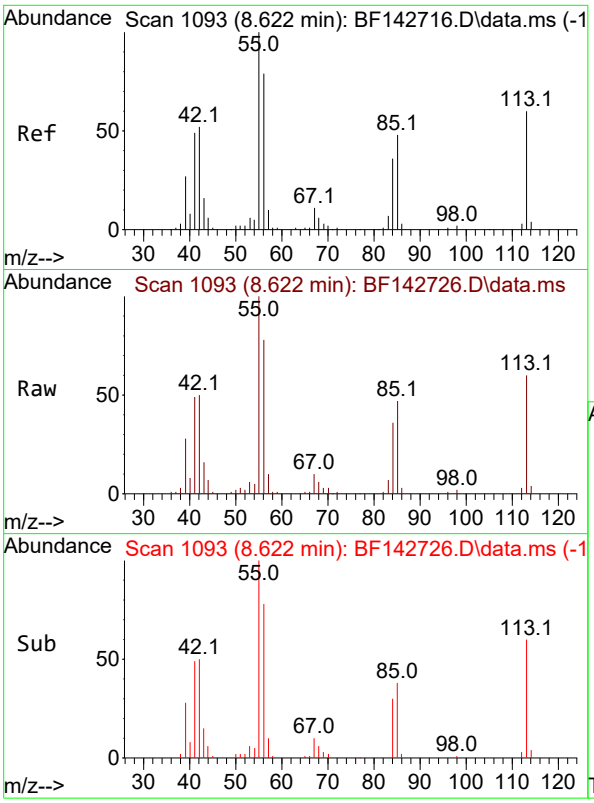


#34
Hexachlorobutadiene
Concen: 43.427 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:225 Resp: 138408

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.3	73.9
227	64.0	50.6	75.8



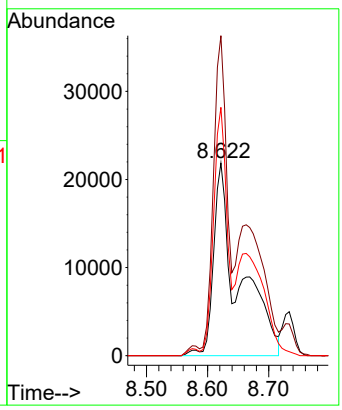


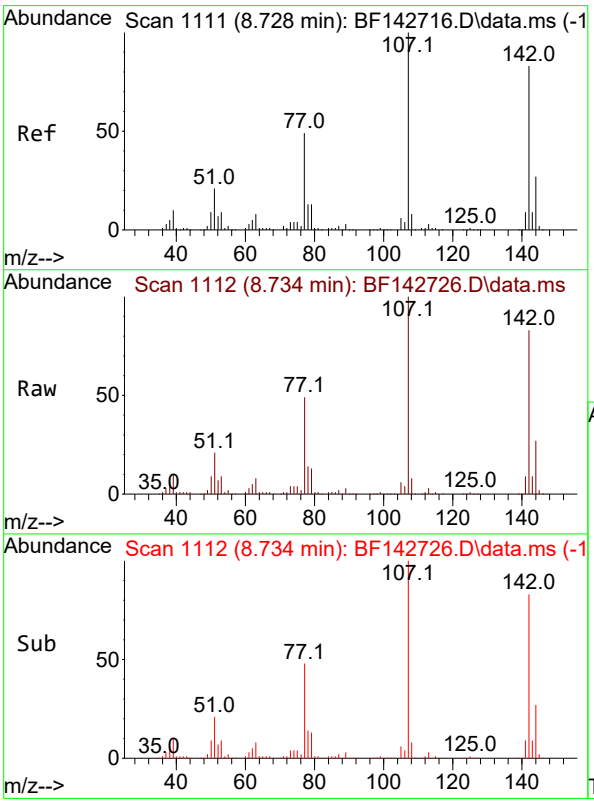
#35
Caprolactam
Concen: 51.341 ng m
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:113 Resp: 62727

Ion	Ratio	Lower	Upper
113	100		
55	166.1	147.9	187.9
56	128.9	111.9	151.9

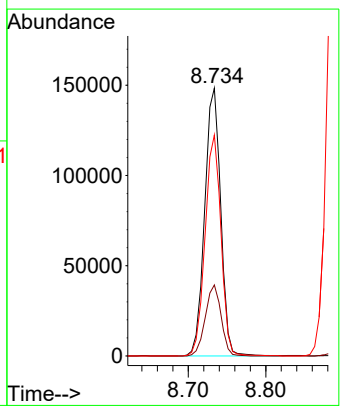


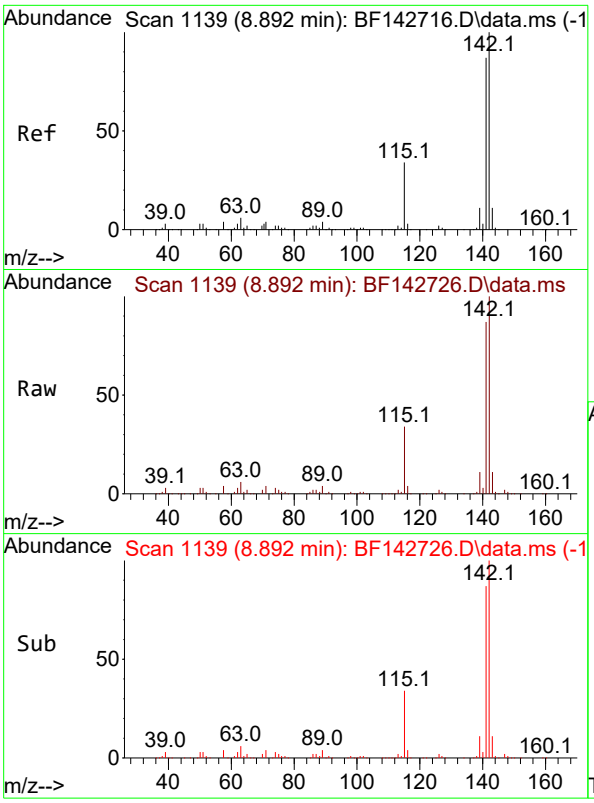


#36
4-Chloro-3-methylphenol
Concen: 45.148 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:107 Resp: 212482

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	82.5	66.2	99.2



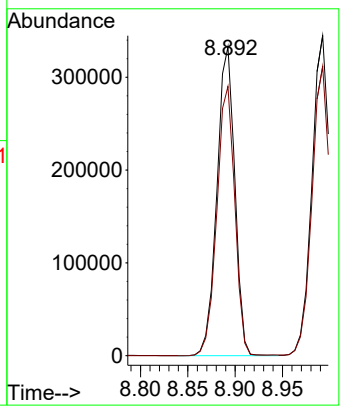


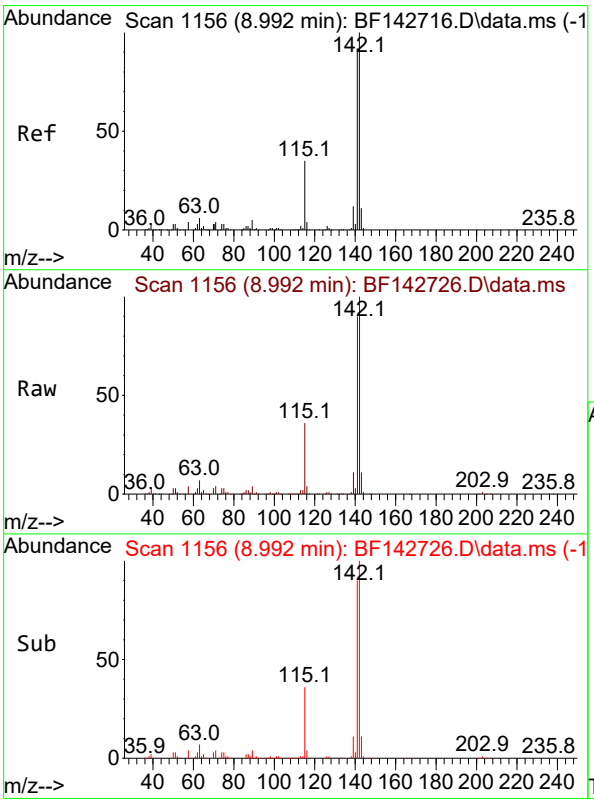
#37
2-Methylnaphthalene
Concen: 43.962 ng
RT: 8.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:142 Resp: 438004

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

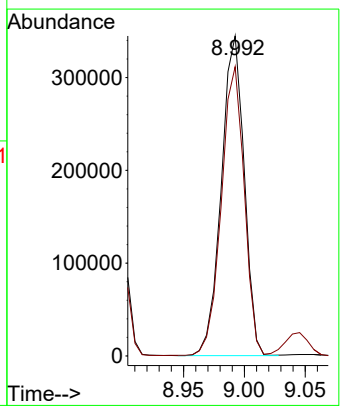


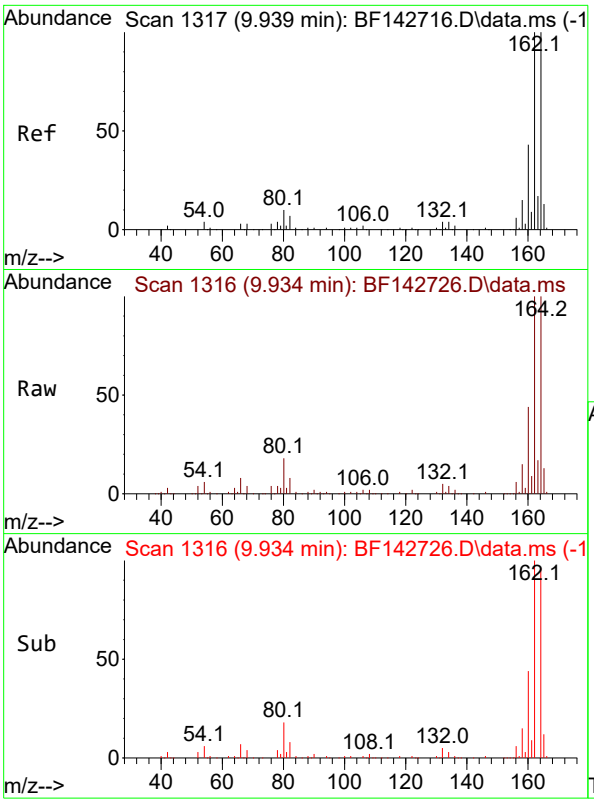


#38
1-Methylnaphthalene
Concen: 43.604 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:142 Resp: 450044

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3



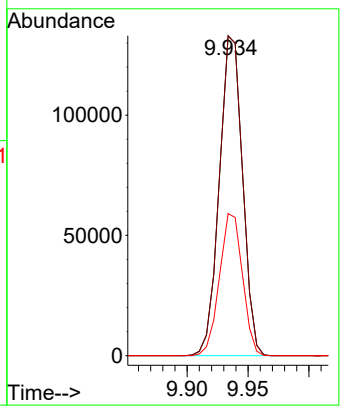


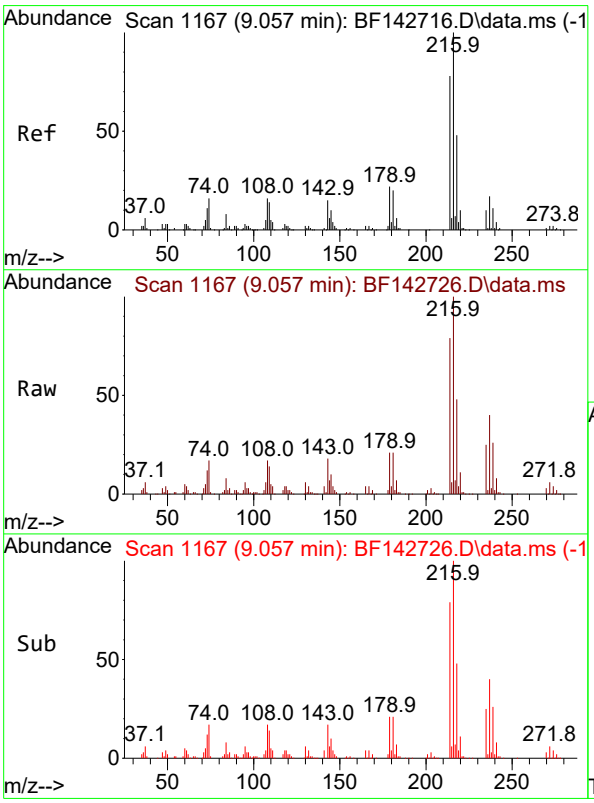
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:164 Resp: 176454

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	44.4	34.8	52.2

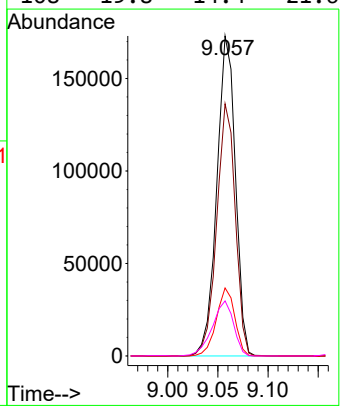


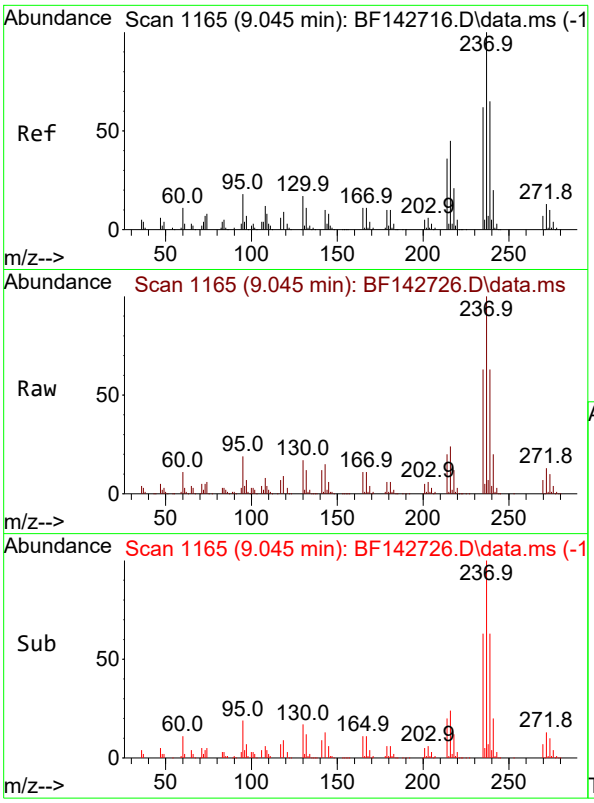


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.572 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:216 Resp: 222525

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	94.0
179	21.2	17.1	25.7
108	19.8	14.4	21.6



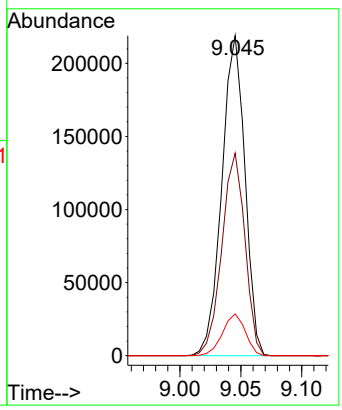


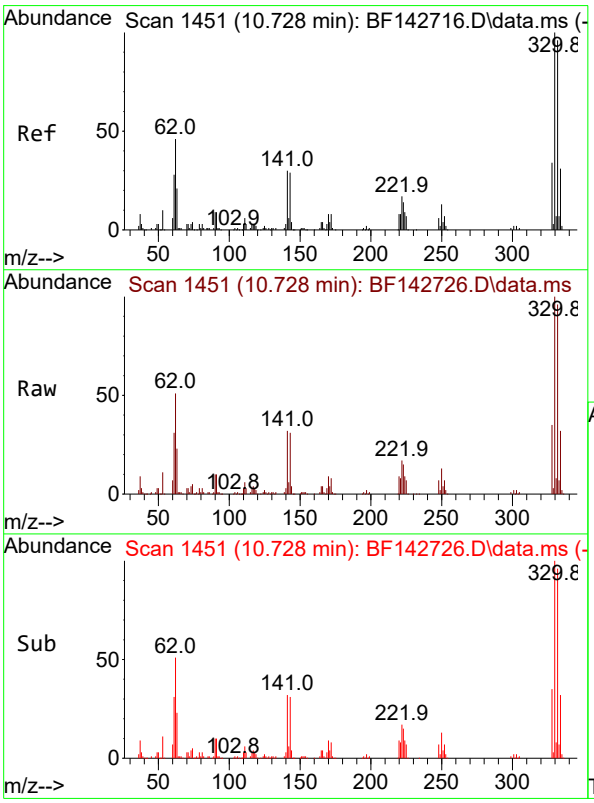
#41
Hexachlorocyclopentadiene
Concen: 88.156 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:237 Resp: 288961

Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.9	81.9
272	13.0	0.0	32.5

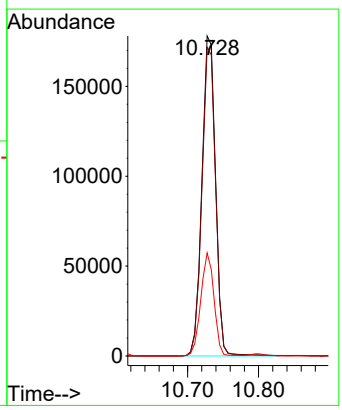


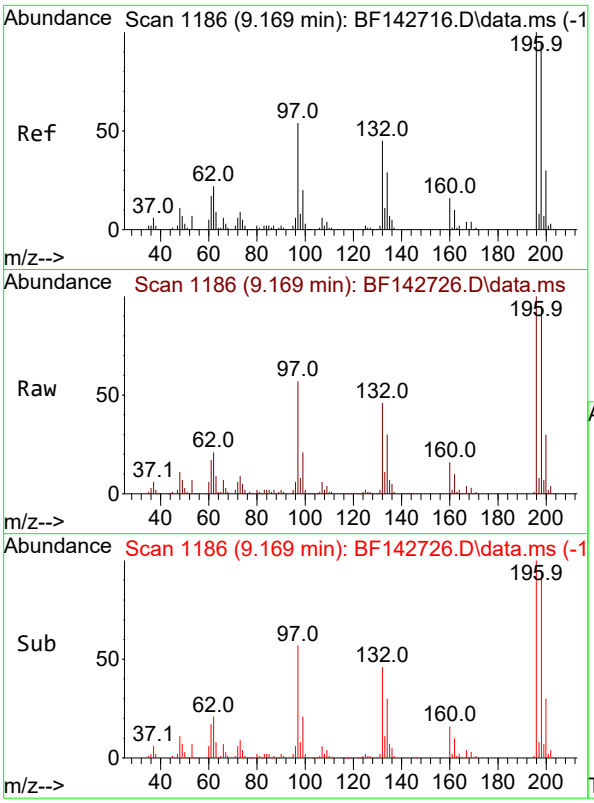


#42
2,4,6-Tribromophenol
Concen: 123.311 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:330 Resp: 238472

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.2	25.4	38.0



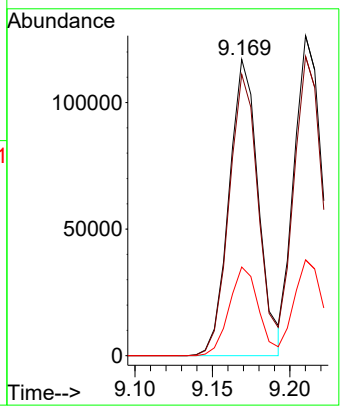


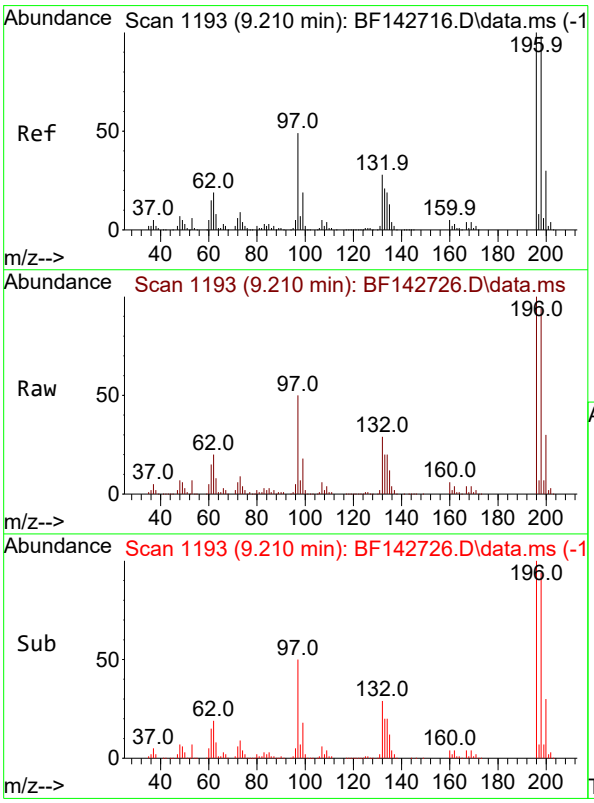
#43
2,4,6-Trichlorophenol
Concen: 46.686 ng
RT: 9.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:196 Resp: 154341

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.5	113.3
200	29.9	23.8	35.8

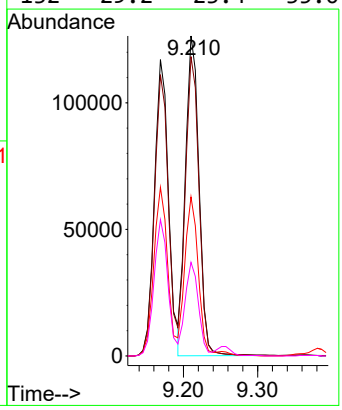


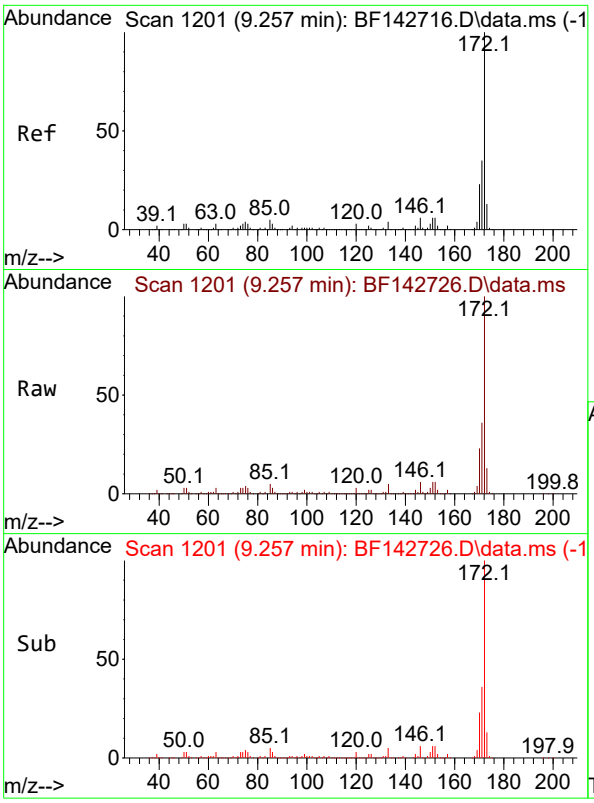


#44
2,4,5-Trichlorophenol
Concen: 45.074 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:196 Resp: 160942

Ion	Ratio	Lower	Upper
196	100		
198	93.5	78.2	117.2
97	49.7	38.6	57.8
132	29.2	23.4	35.0



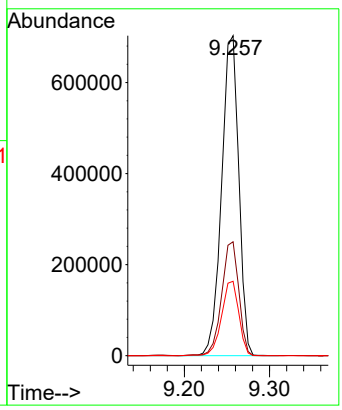


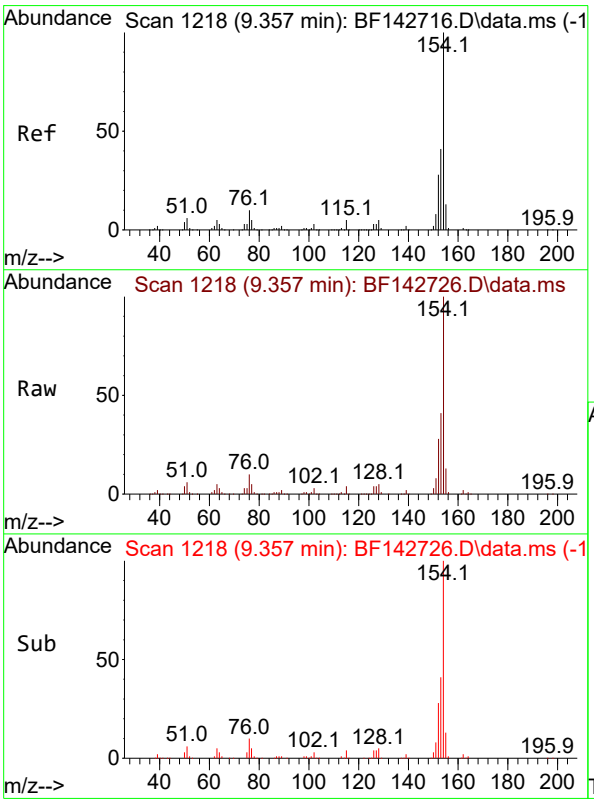
#45
2-Fluorobiphenyl
Concen: 74.089 ng
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:172 Resp: 984029

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.3	18.6	27.8

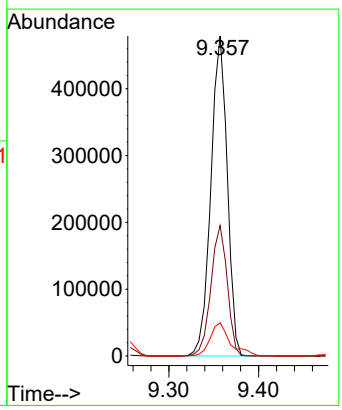


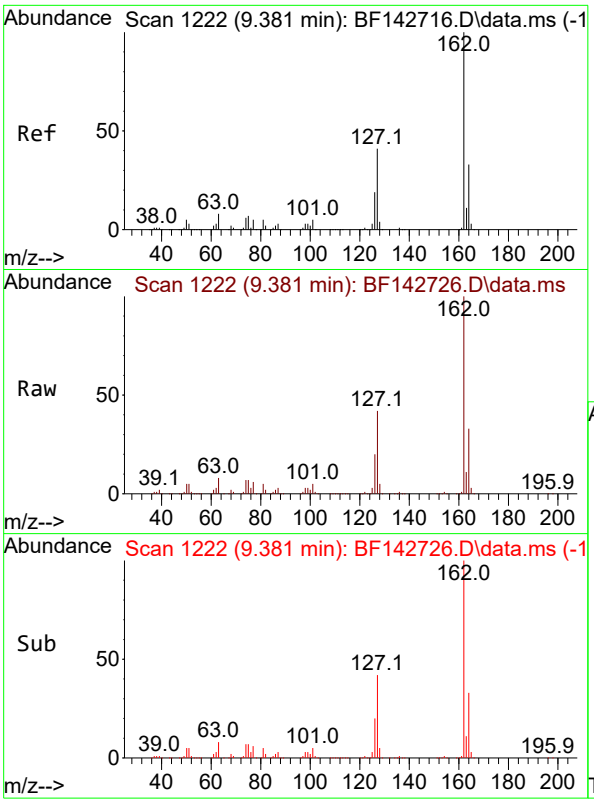


#46
1,1'-Biphenyl
Concen: 44.246 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:154 Resp: 606260

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	10.4	0.0	30.2



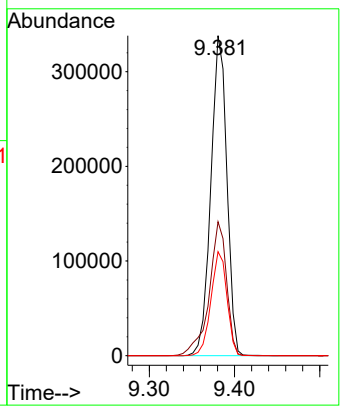


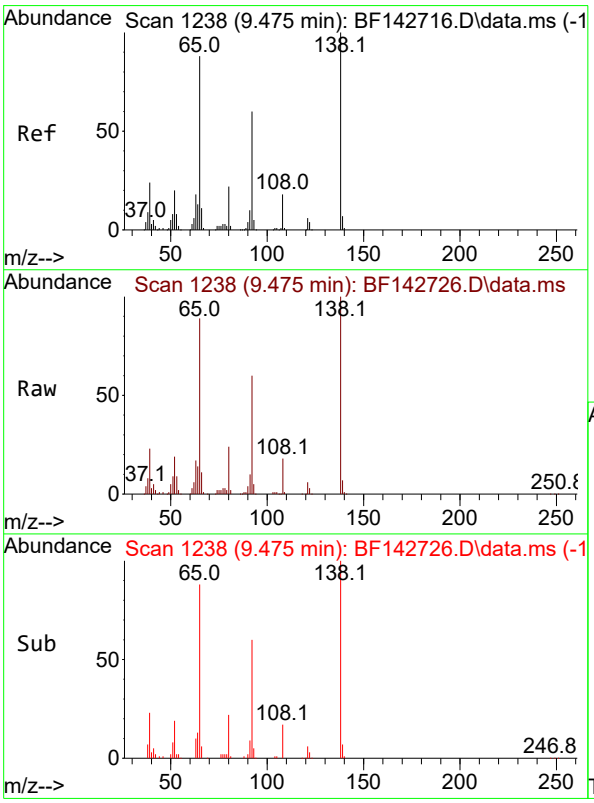
#47
2-Chloronaphthalene
Concen: 43.885 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:162 Resp: 443000

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.5	50.3
164	32.5	26.1	39.1

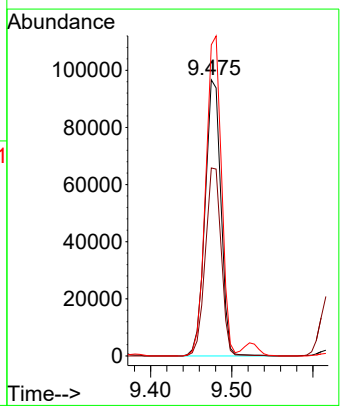


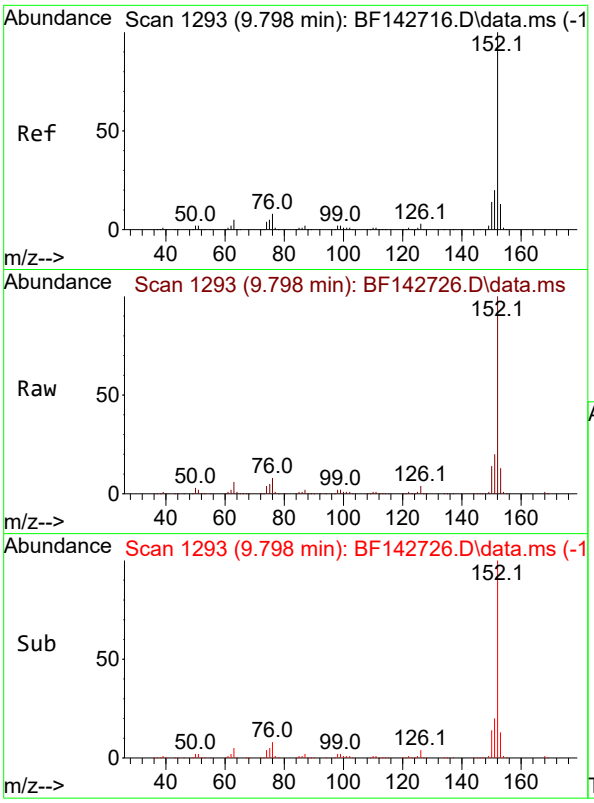


#48
2-Nitroaniline
Concen: 45.490 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 65 Resp: 130604

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.5	81.7
138	112.7	90.6	136.0



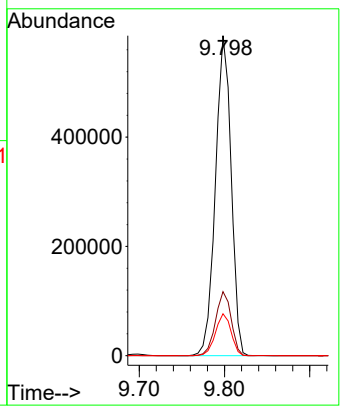


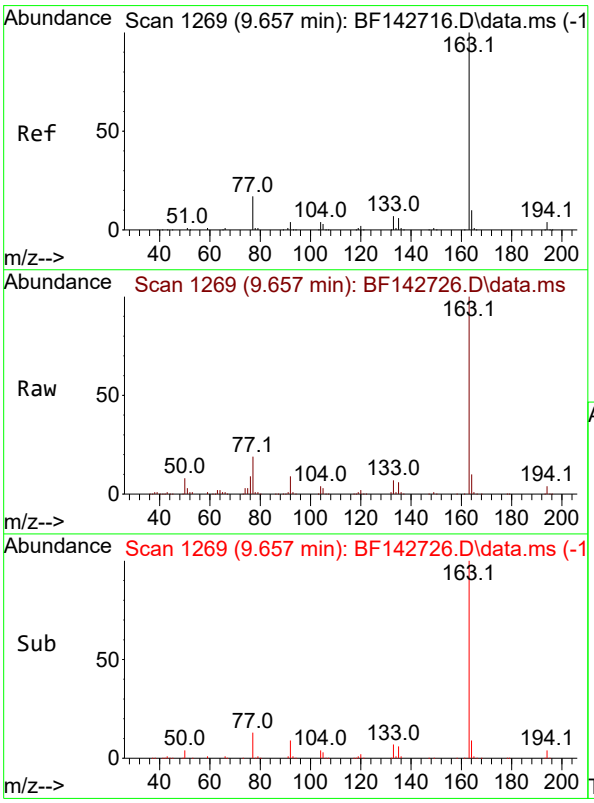
#49
Acenaphthylene
Concen: 44.143 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:152 Resp: 751339

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.5	15.7

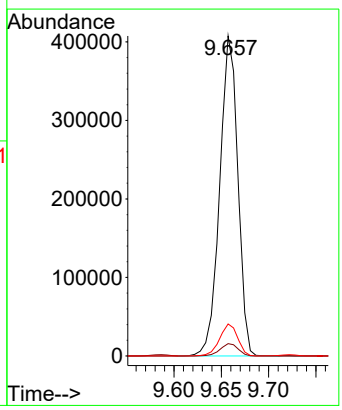


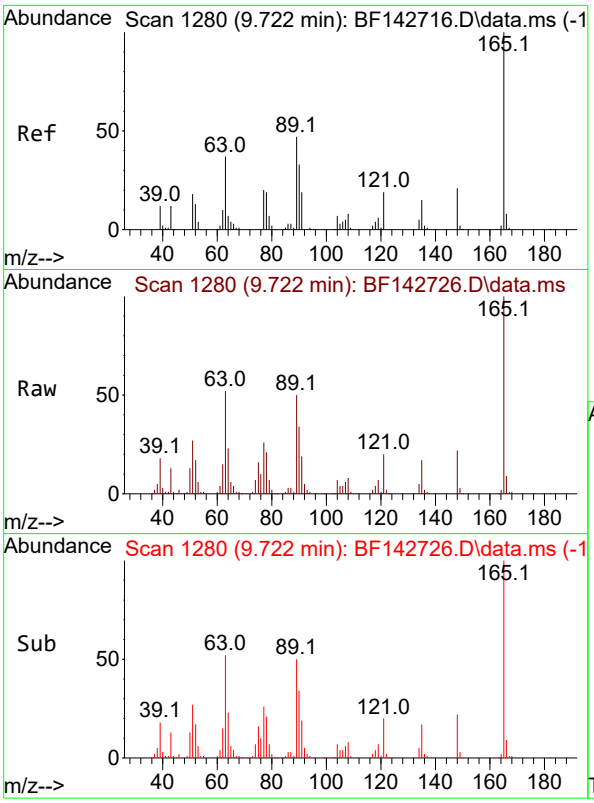


#50
Dimethylphthalate
Concen: 46.176 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:163 Resp: 544106

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.0	12.0



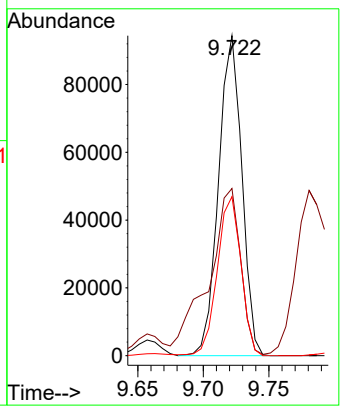


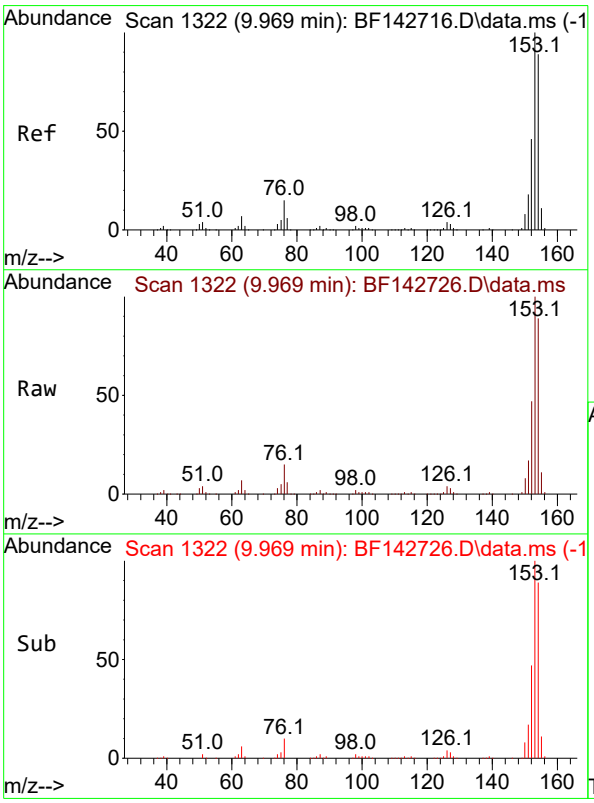
#51
2,6-Dinitrotoluene
Concen: 45.850 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:165 Resp: 116765

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.6	60.8
89	49.7	37.6	56.4

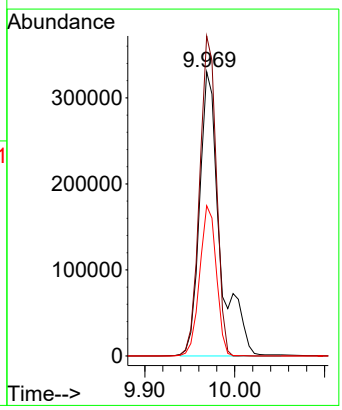


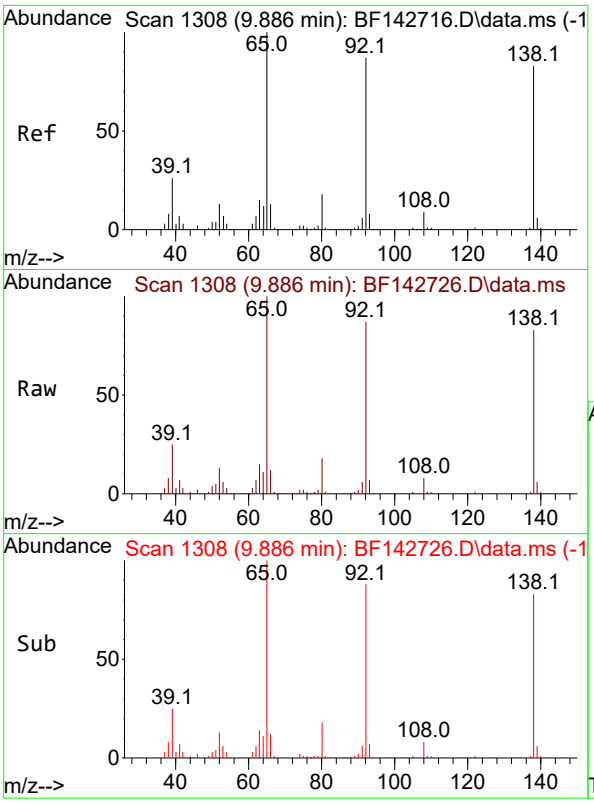


#52
Acenaphthene
Concen: 49.451 ng m
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:154 Resp: 521862

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	52.9	41.9	62.9



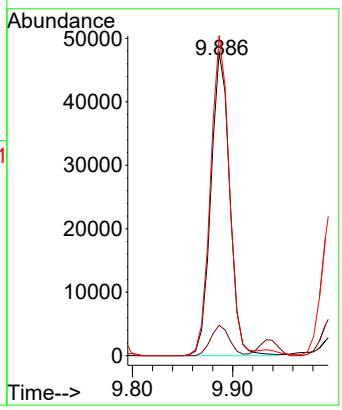


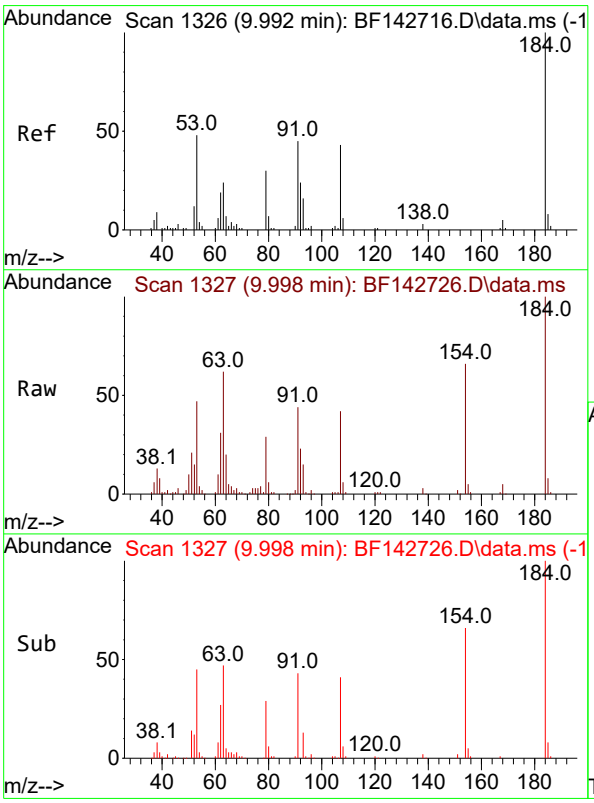
#53
3-Nitroaniline
Concen: 22.553 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:138 Resp: 62297

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.3	12.5
92	105.5	84.6	127.0

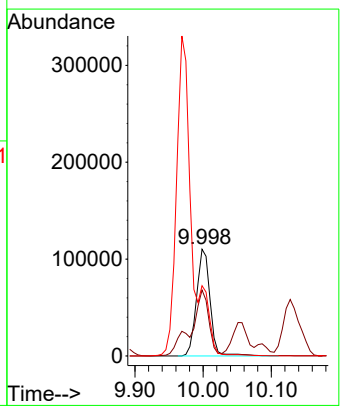


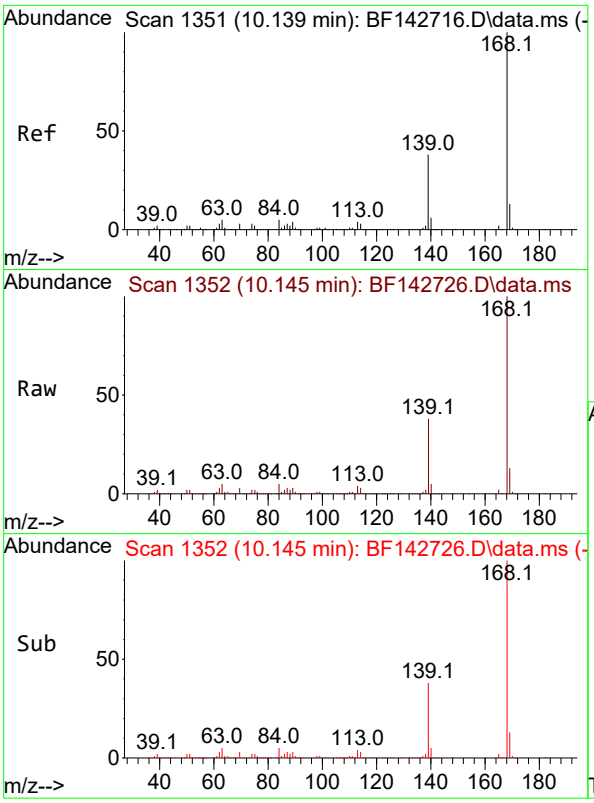


#54
2,4-Dinitrophenol
Concen: 109.132 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:184 Resp: 152241

Ion	Ratio	Lower	Upper
184	100		
63	61.8	51.7	77.5
154	65.8	60.1	90.1



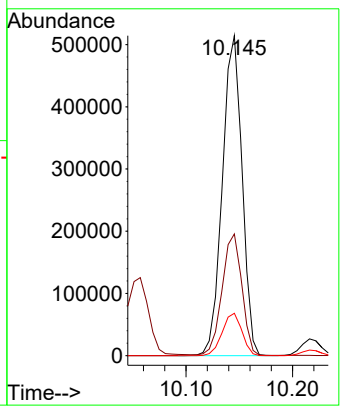


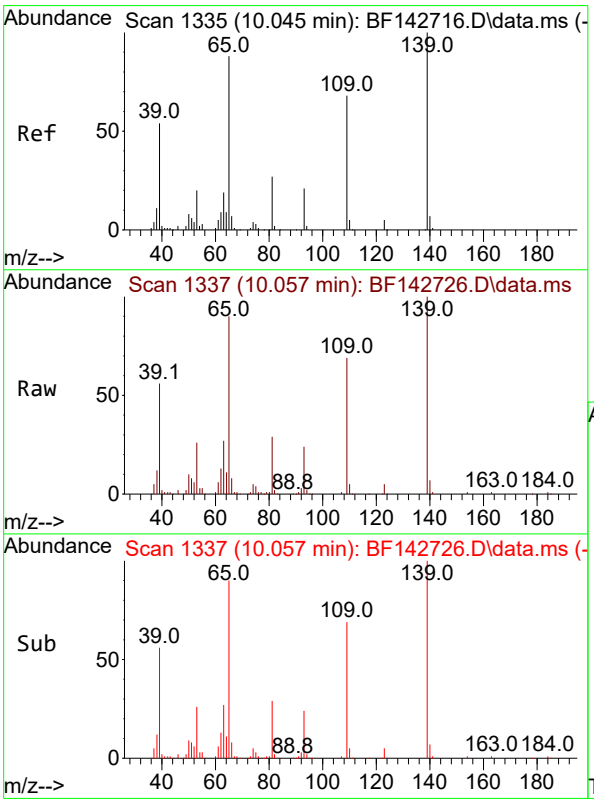
#55
Dibenzofuran
Concen: 43.987 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:168 Resp: 661023

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.9	46.3
169	13.3	10.8	16.2

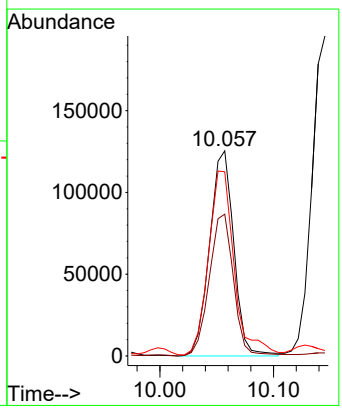


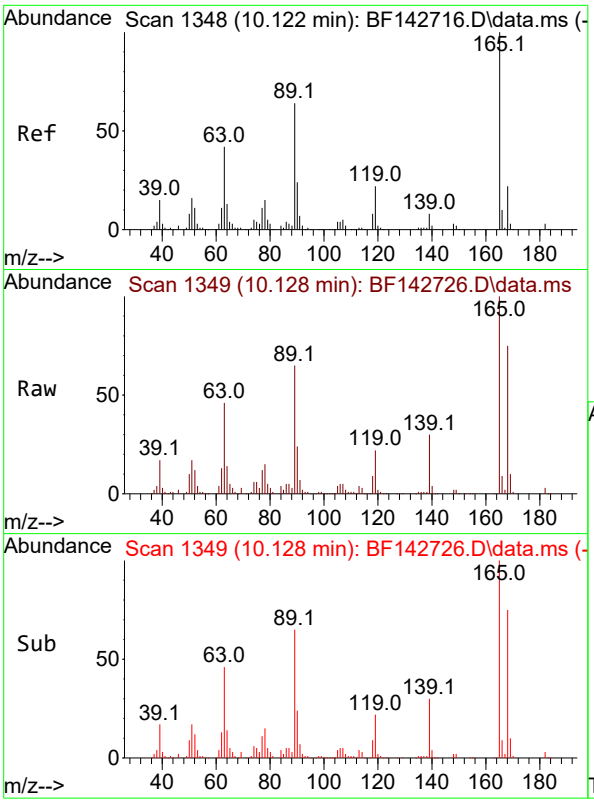


#56
4-Nitrophenol
Concen: 98.923 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:139 Resp: 185324

Ion	Ratio	Lower	Upper
139	100		
109	69.1	47.5	87.5
65	89.8	69.2	109.2



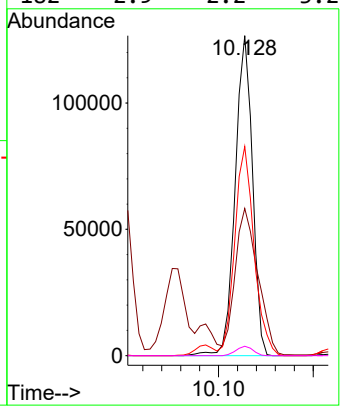


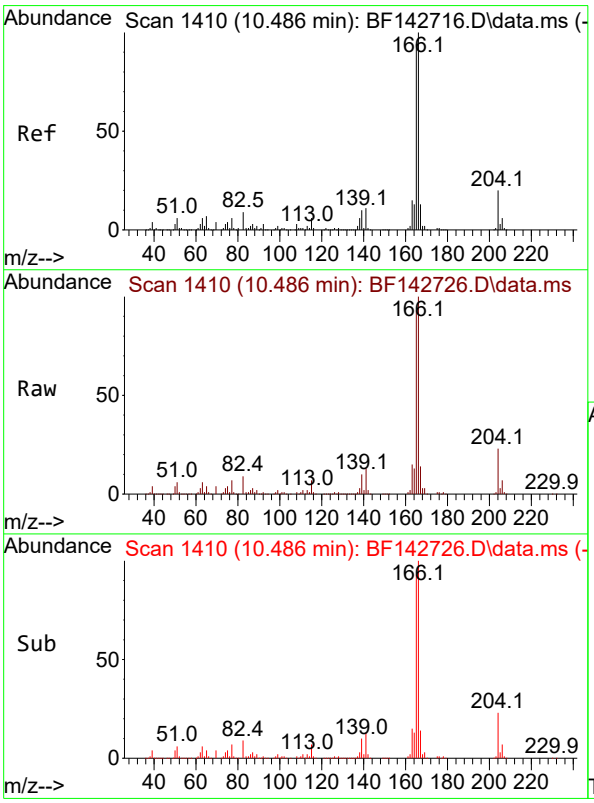
#57
2,4-Dinitrotoluene
Concen: 47.695 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:165 Resp: 160597

Ion	Ratio	Lower	Upper
165	100		
63	46.0	34.1	51.1
89	65.4	50.8	76.2
182	2.9	2.2	3.2

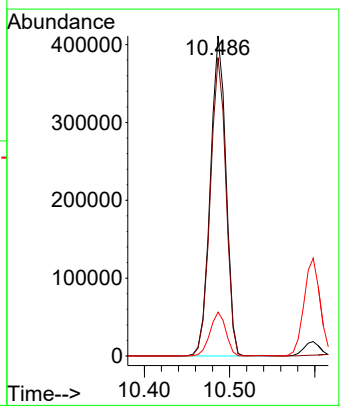


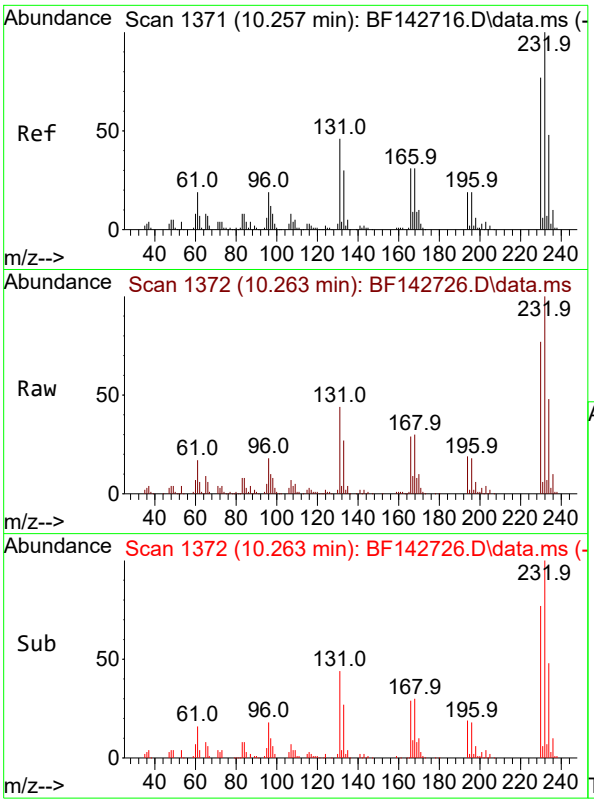


#58
Fluorene
Concen: 44.083 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:166 Resp: 523139

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.9	112.3
167	13.7	10.7	16.1



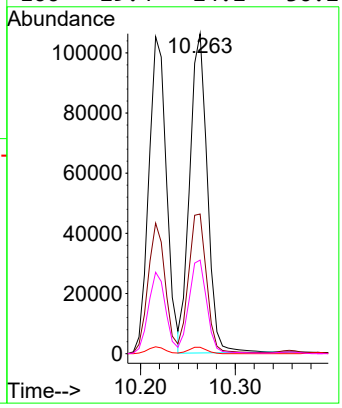


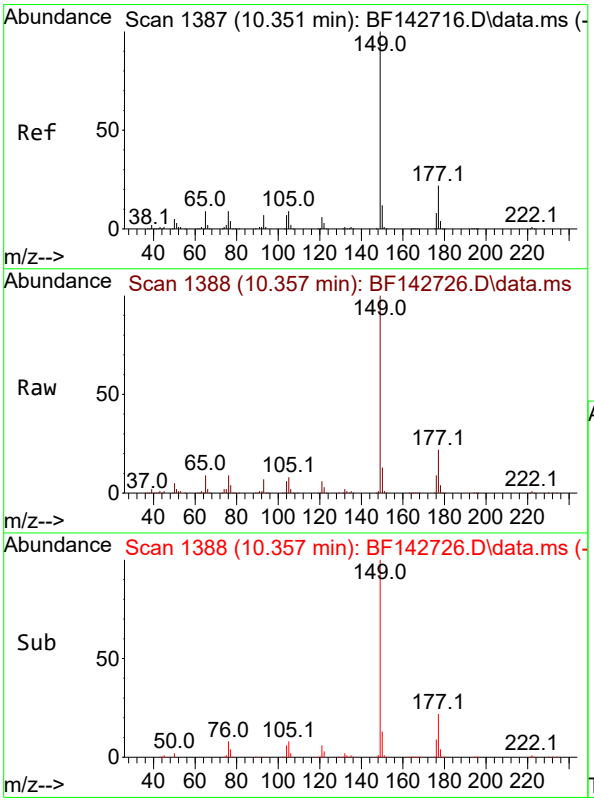
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.590 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:232 Resp: 136952

Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.8	53.8
130	2.1	1.8	2.6
166	29.4	24.2	36.2

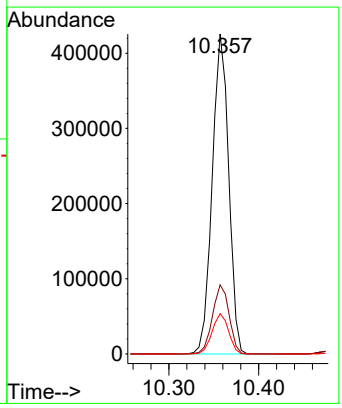


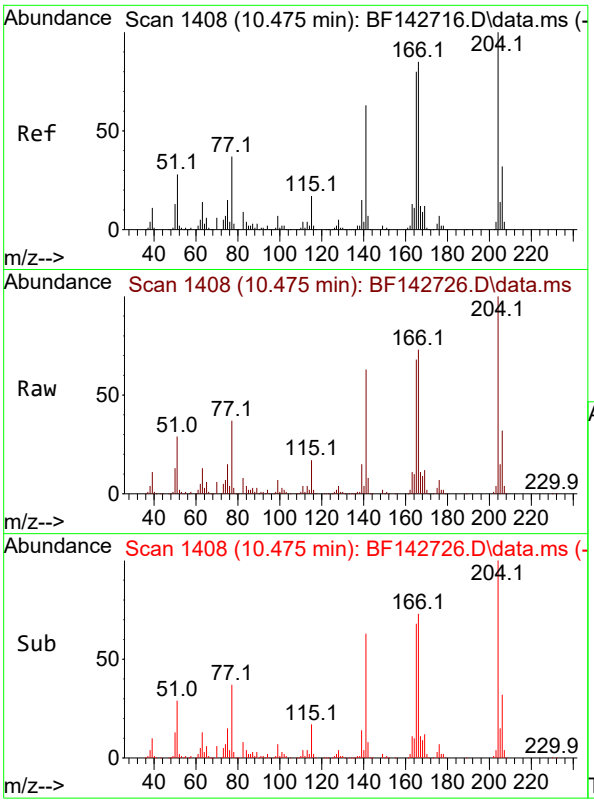


#60
Diethylphthalate
Concen: 46.377 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:149 Resp: 541870

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.6	10.0	15.0



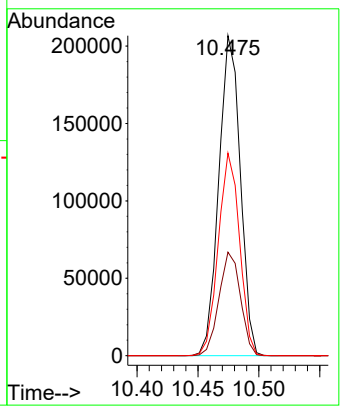


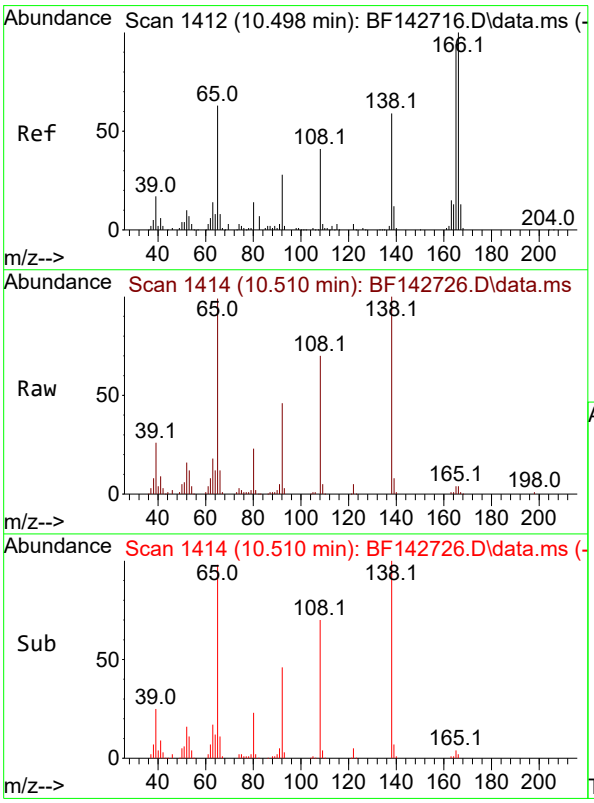
#61
4-Chlorophenyl-phenylether
Concen: 43.831 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:204 Resp: 254023

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	63.3	50.2	75.4

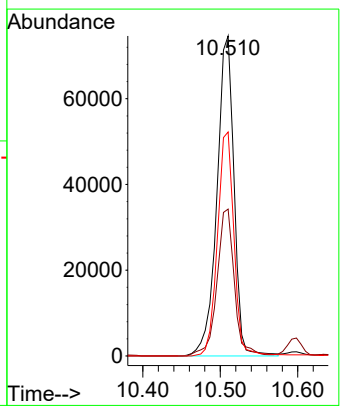


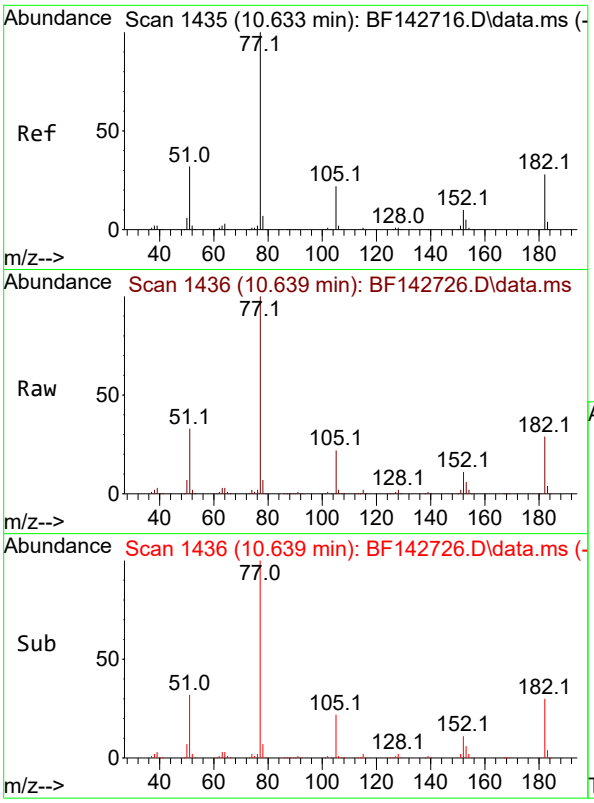


#62
4-Nitroaniline
Concen: 46.428 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:138 Resp: 114731

Ion	Ratio	Lower	Upper
138	100		
92	45.9	27.2	67.2
108	70.0	49.9	89.9



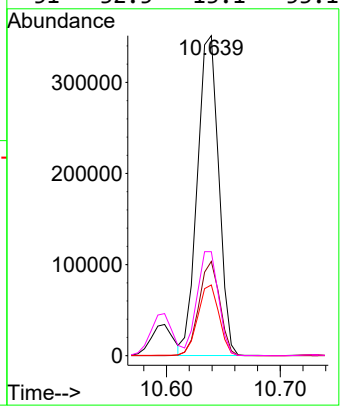


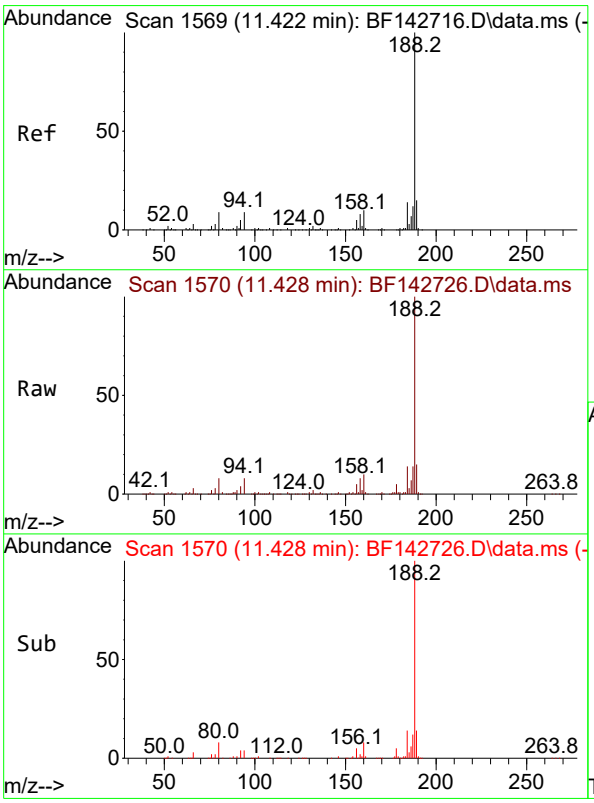
#63
Azobenzene
Concen: 44.952 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 77 Resp: 458707

Ion	Ratio	Lower	Upper
77	100		
182	29.5	7.8	47.8
105	22.1	1.9	41.9
51	32.5	13.1	53.1

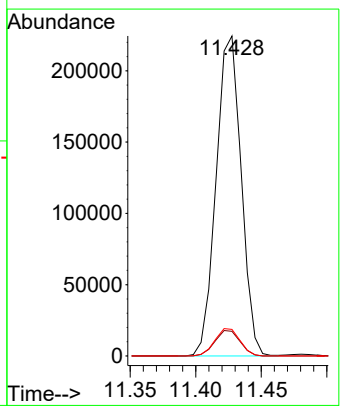


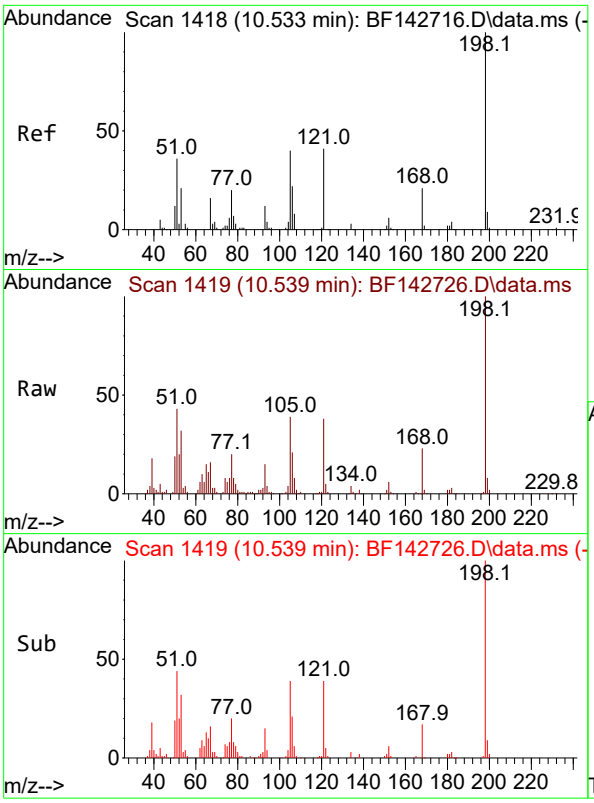


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:188 Resp: 298489

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	8.3	7.1	10.7



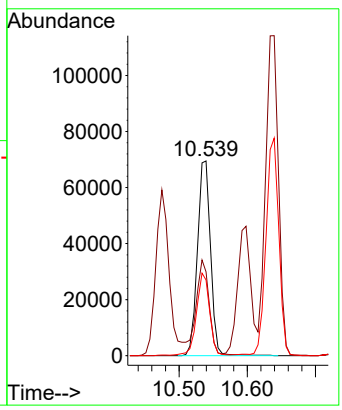


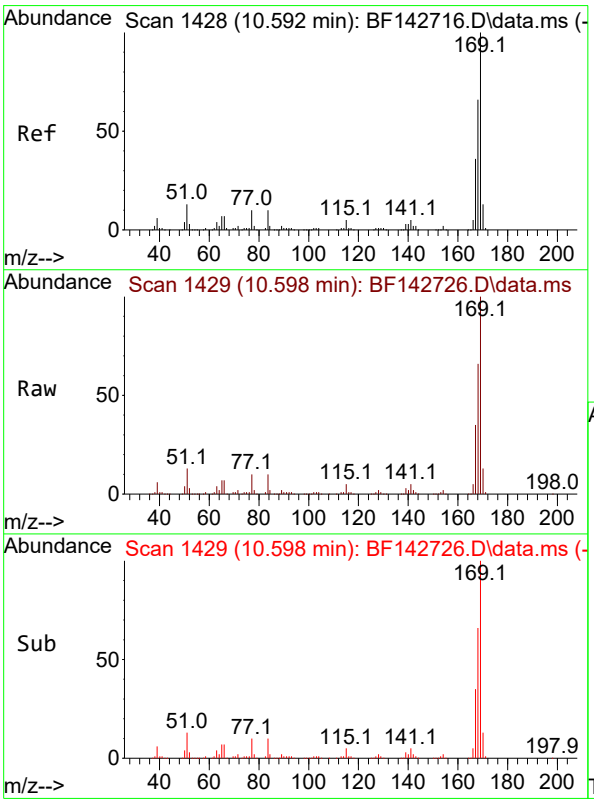
#65
4,6-Dinitro-2-methylphenol
Concen: 49.608 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:198 Resp: 92727

Ion	Ratio	Lower	Upper
198	100		
51	43.1	25.5	65.5
105	38.8	21.1	61.1

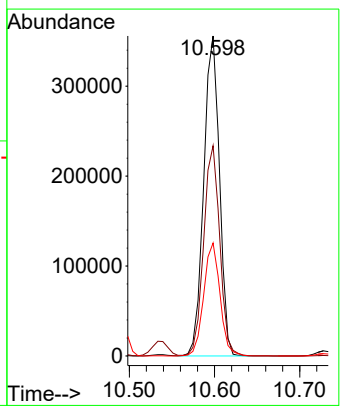


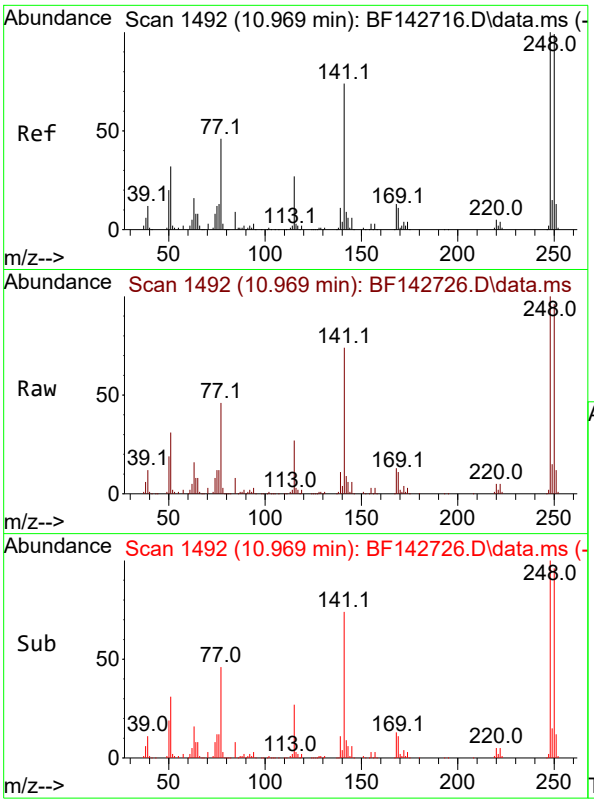


#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:169 Resp: 457115

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.0	79.4
167	35.3	28.7	43.1



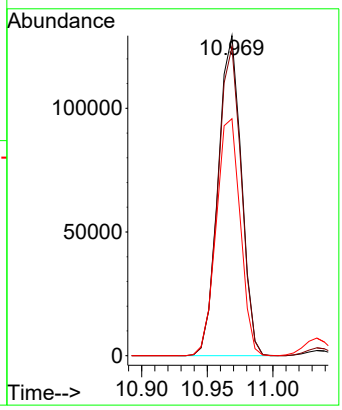


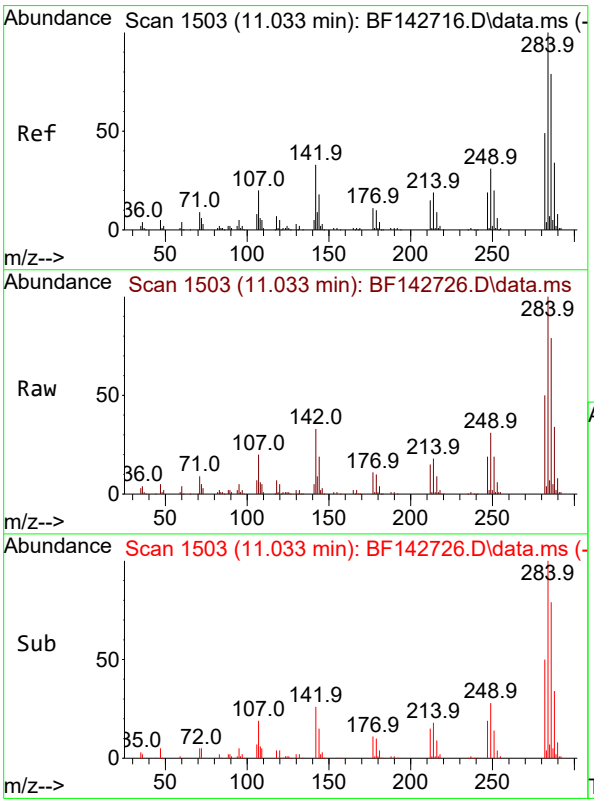
#67
4-Bromophenyl-phenylether
Concen: 45.325 ng
RT: 10.969 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:248 Resp: 159695

Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.2	118.8
141	74.1	59.3	88.9

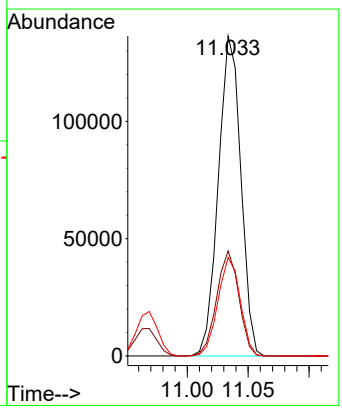


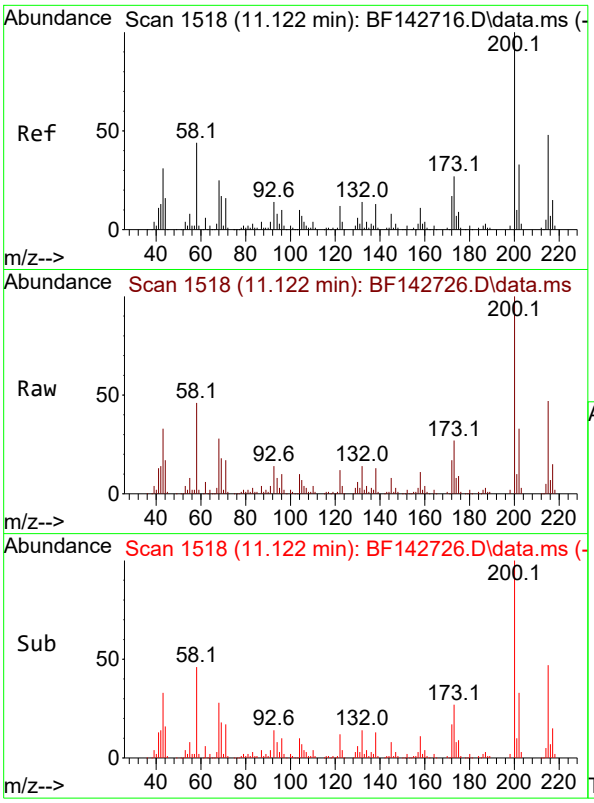


#68
Hexachlorobenzene
Concen: 44.895 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:284 Resp: 175582

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.0	39.0
249	30.7	24.6	37.0



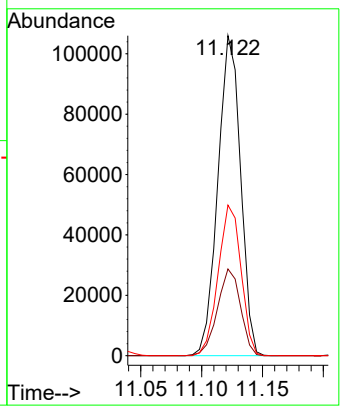


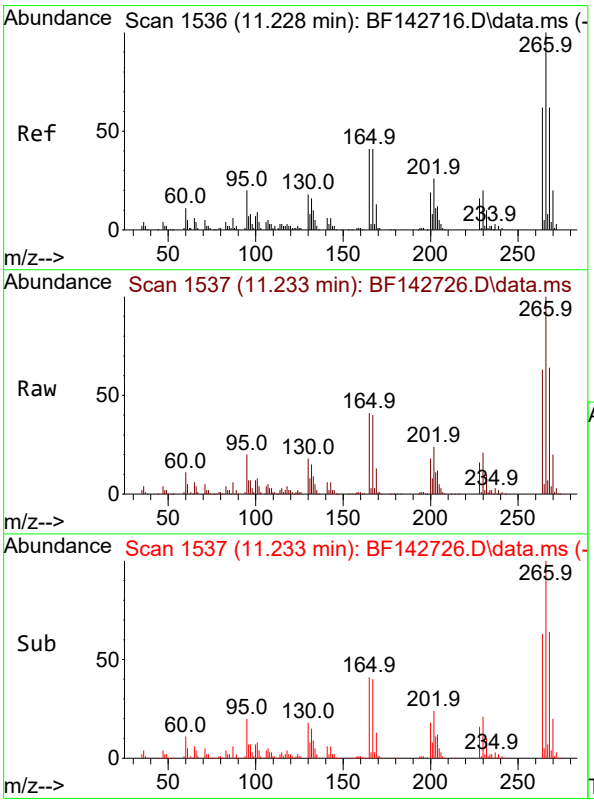
#69
Atrazine
Concen: 50.262 ng
RT: 11.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:200 Resp: 137490

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	47.0	28.2	68.2

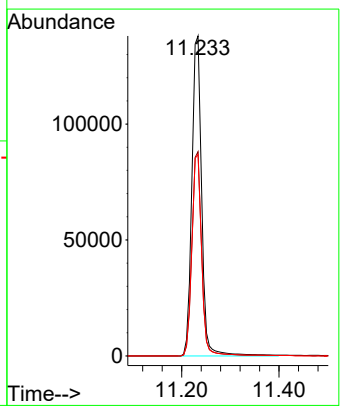


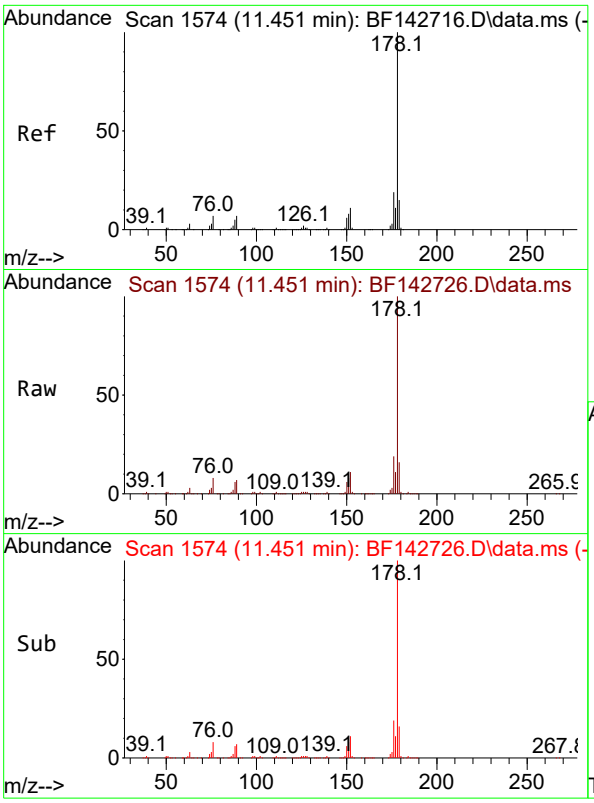


#70
Pentachlorophenol
Concen: 95.063 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:266 Resp: 194889

Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.6	74.4
264	63.0	49.5	74.3



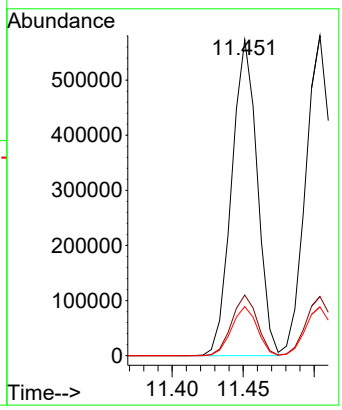


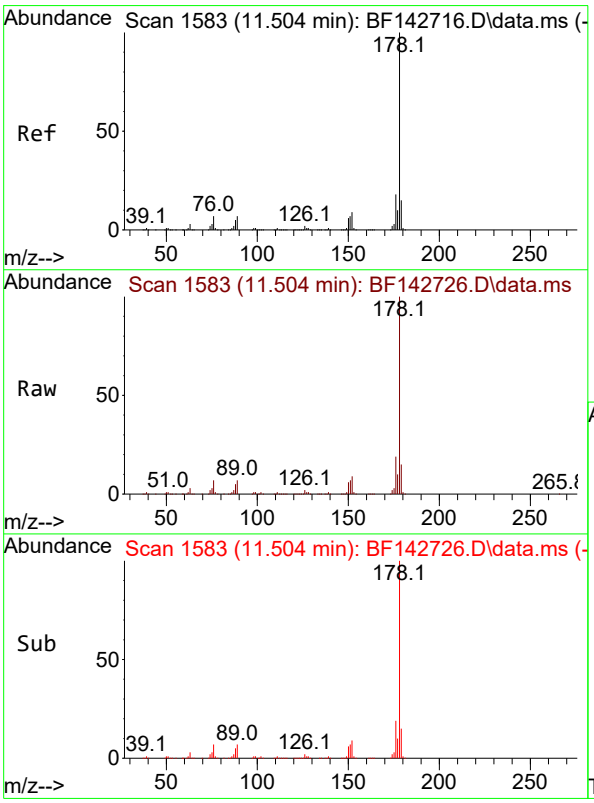
#71
Phenanthrene
Concen: 44.787 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:178 Resp: 716195

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.2	18.4

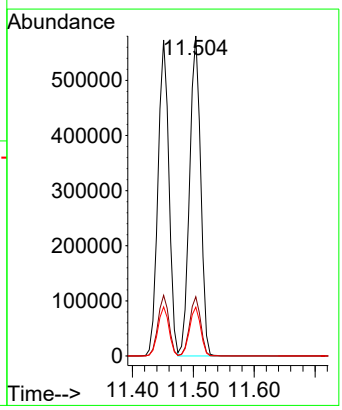


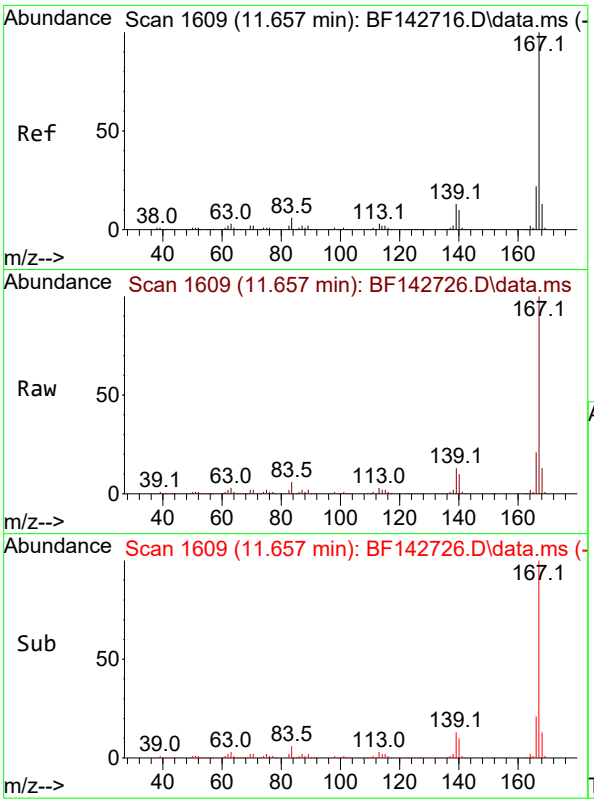


#72
Anthracene
Concen: 44.335 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:178 Resp: 733408

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.2	18.2



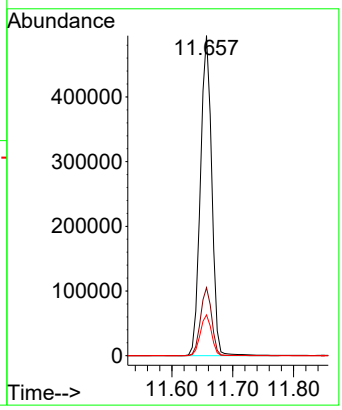


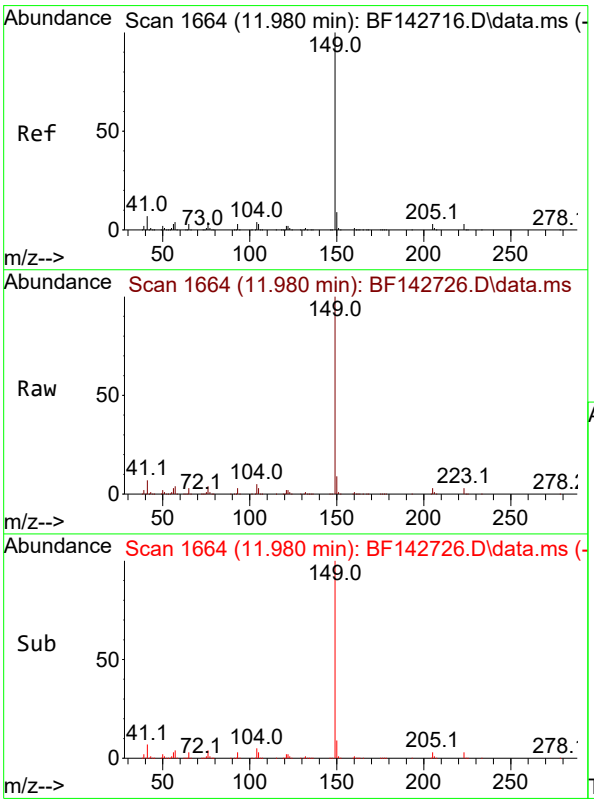
#73
Carbazole
Concen: 45.973 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:167 Resp: 636667

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.7	10.2	15.4

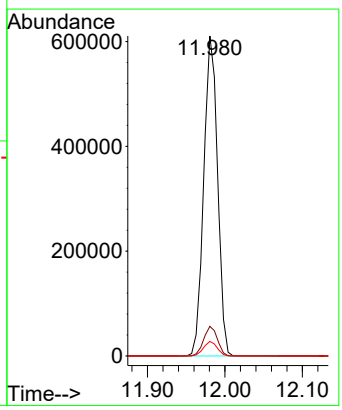


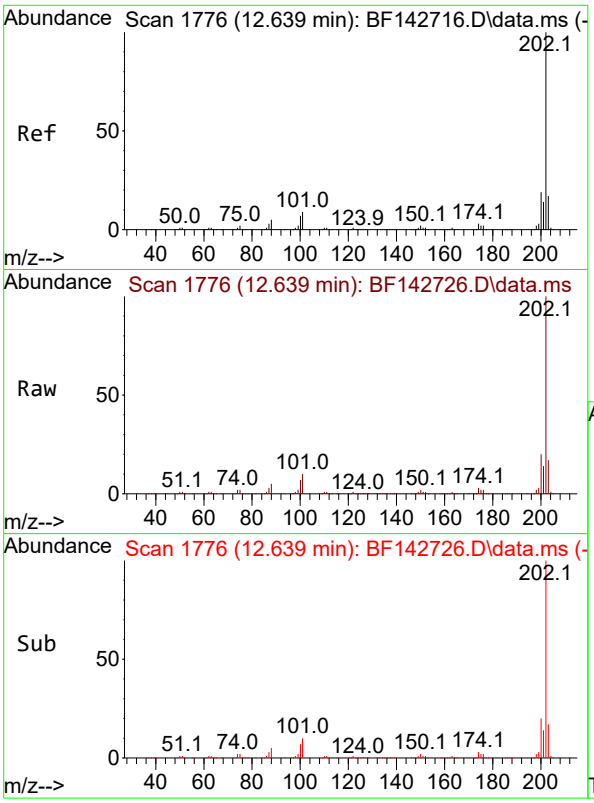


#74
Di-n-butylphthalate
Concen: 48.831 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:149 Resp: 755120

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.5	3.4	5.2



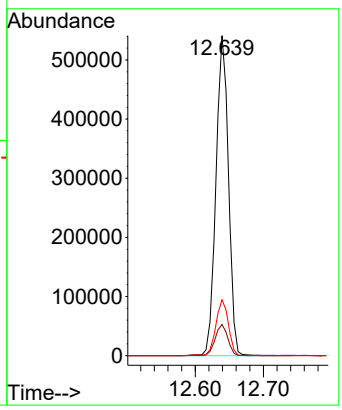


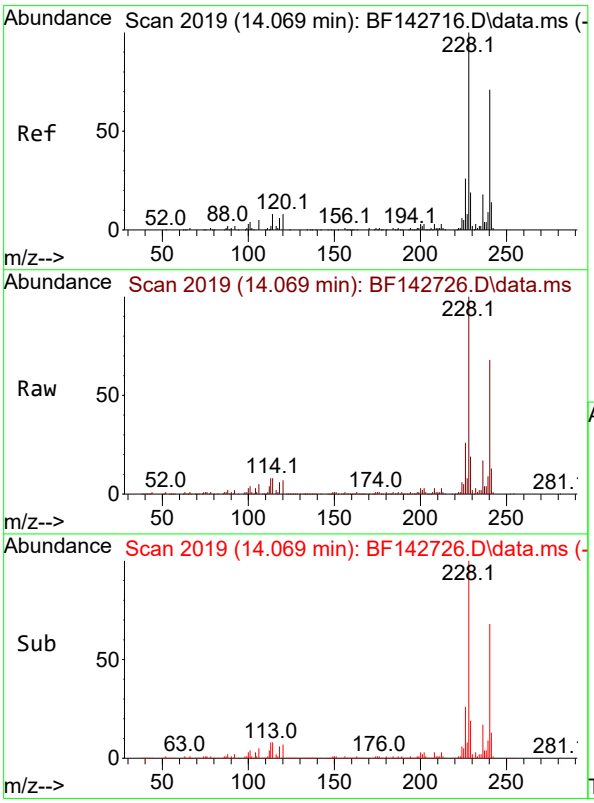
#75
Fluoranthene
Concen: 45.459 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:202 Resp: 691241

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.5
203	17.5	0.0	37.0

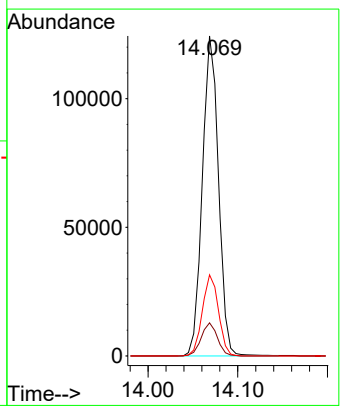


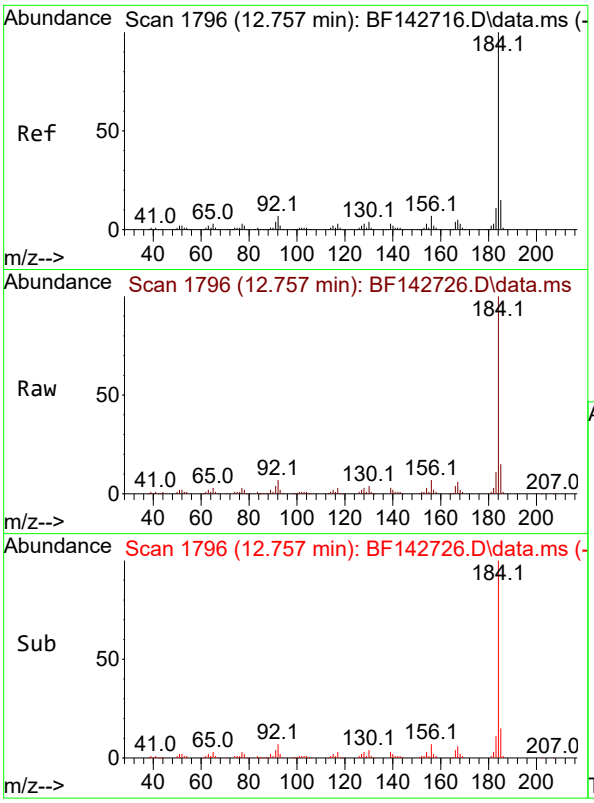


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:240 Resp: 155305

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	25.3	20.1	30.1



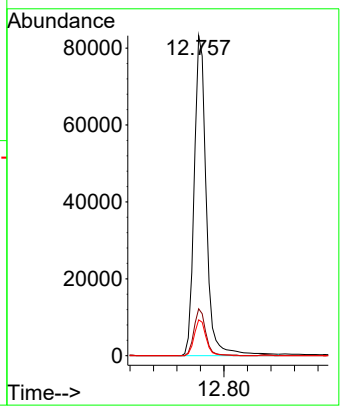


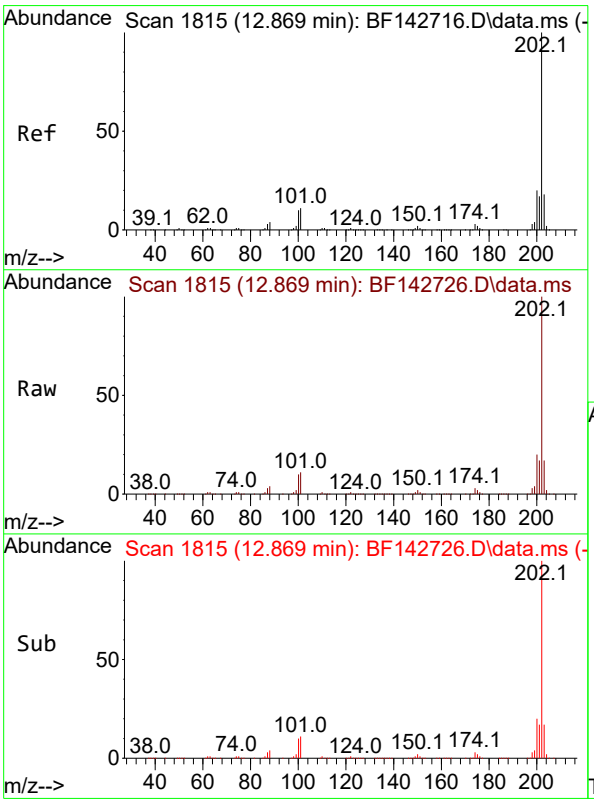
#77
Benzidine
Concen: 21.509 ng
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:184 Resp: 118967

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.2	8.6	12.8

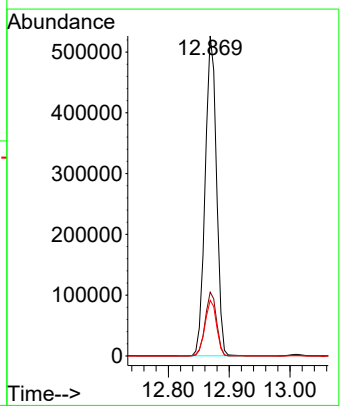


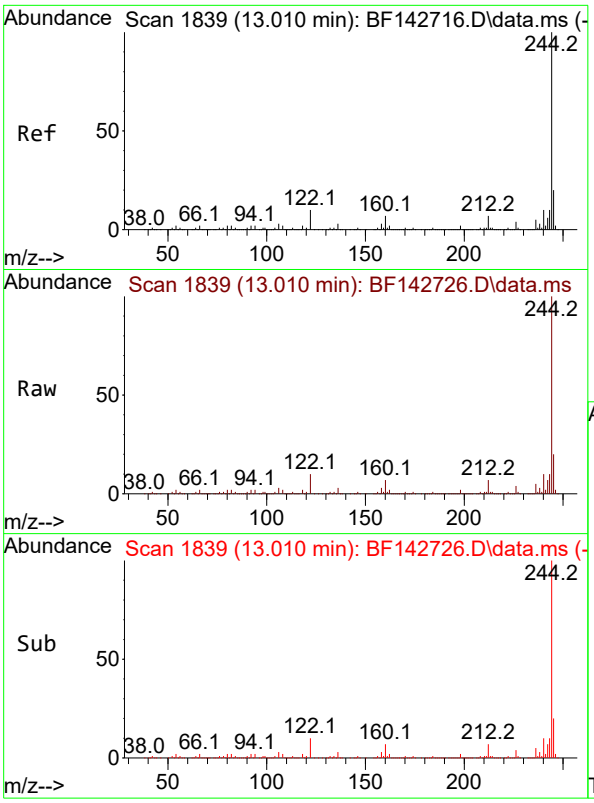


#78
Pyrene
Concen: 47.047 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:202 Resp: 679006

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.8
203	17.4	14.1	21.1



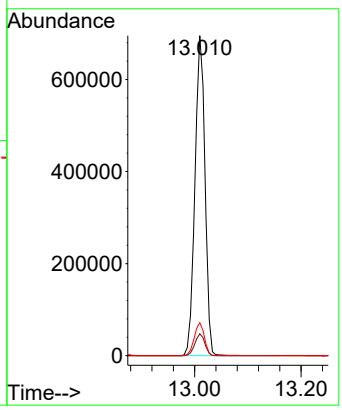


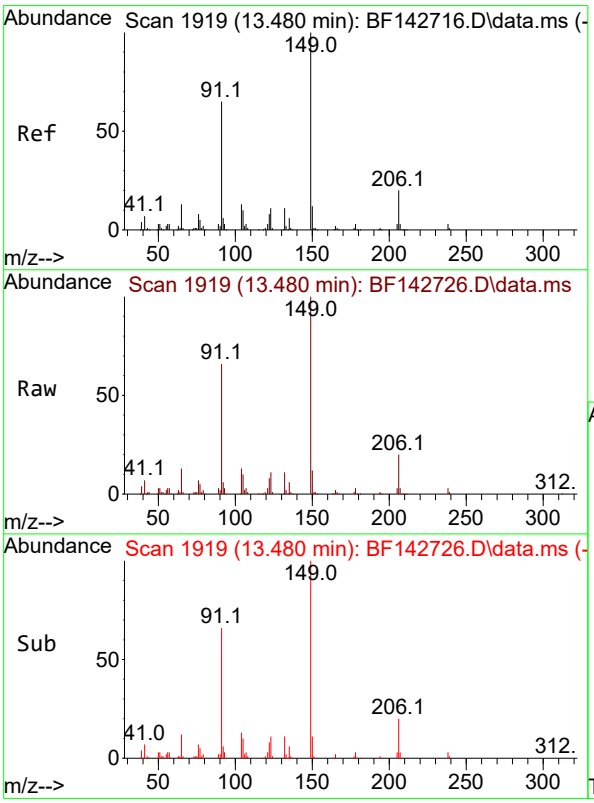
#79
Terphenyl-d14
Concen: 80.583 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:244 Resp: 911215

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	8.3	12.5

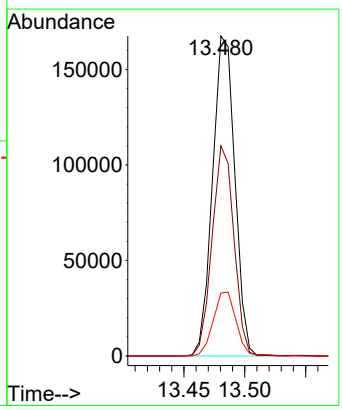


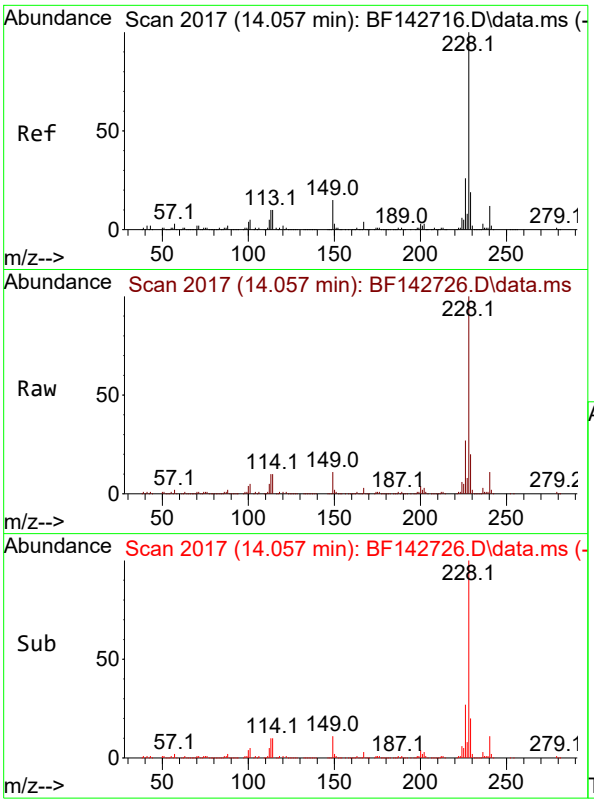


#80
Butylbenzylphthalate
Concen: 50.072 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:149 Resp: 213703

Ion	Ratio	Lower	Upper
149	100		
91	65.6	52.3	78.5
206	19.7	16.0	24.0



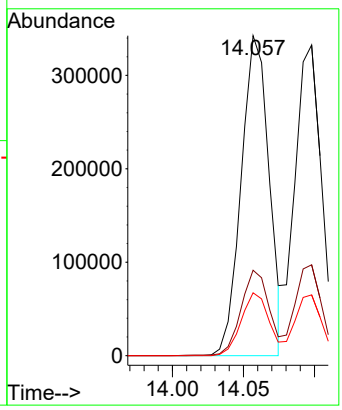


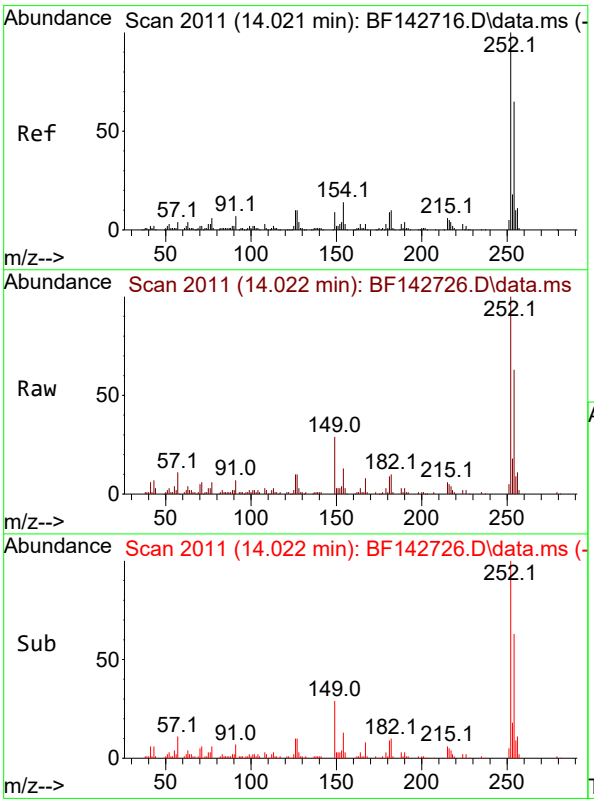
#81
Benzo(a)anthracene
Concen: 45.327 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:228 Resp: 466488

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	19.6	15.5	23.3

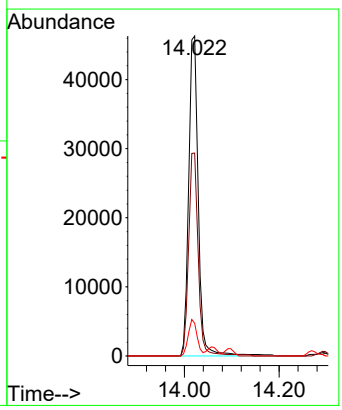


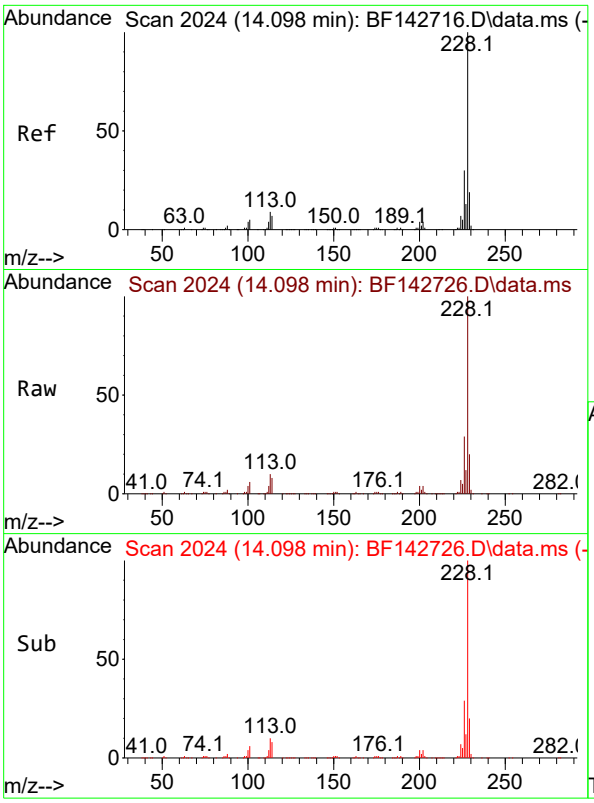


#82
3,3'-Dichlorobenzidine
Concen: 19.659 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:252 Resp: 65244

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.8	77.6
126	10.2	8.1	12.1



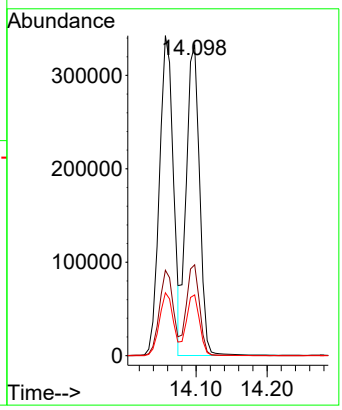


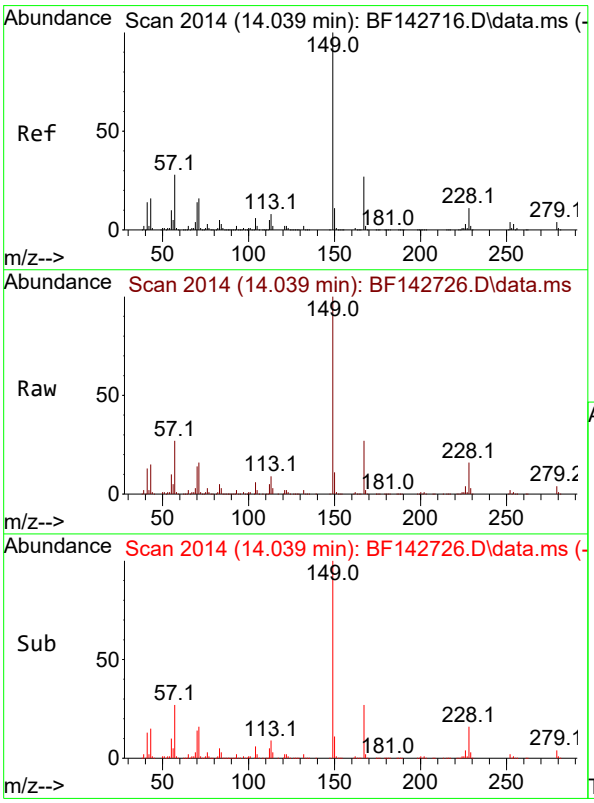
#83
Chrysene
Concen: 45.712 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:228 Resp: 434351

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	19.6	15.5	23.3

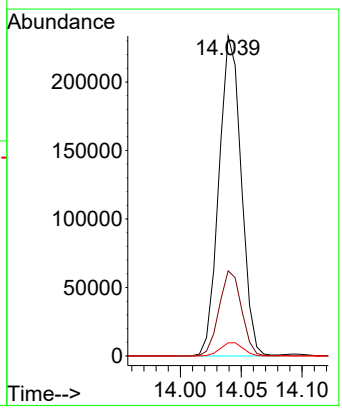


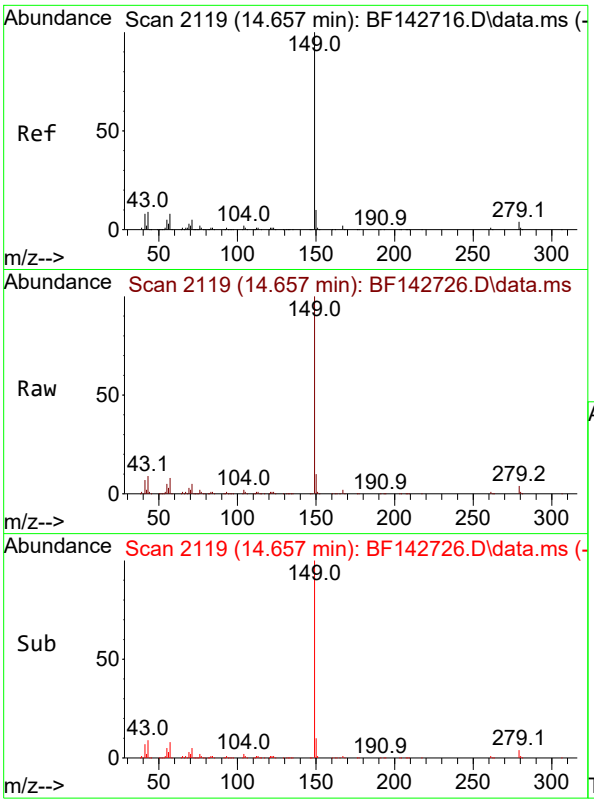


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.498 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:149 Resp: 297822

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.2
279	4.1	3.0	4.4



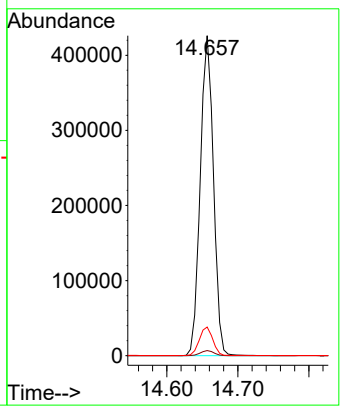


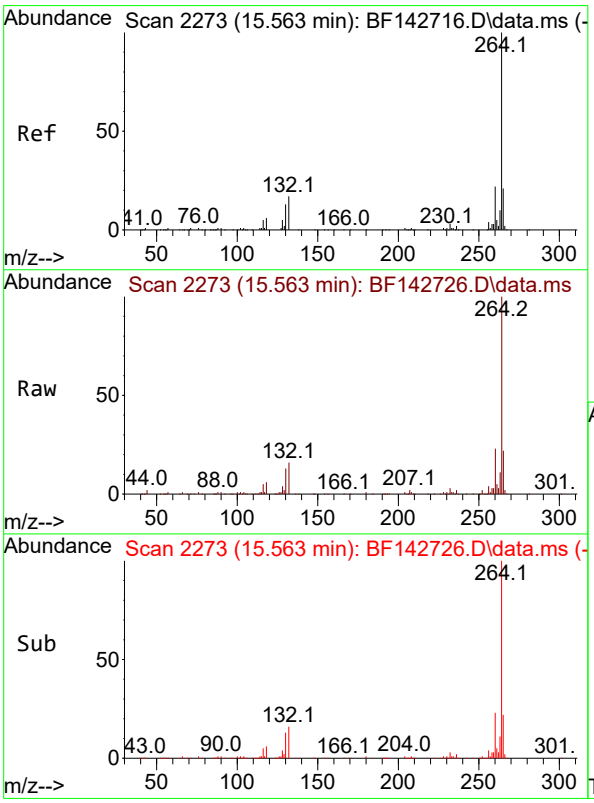
#85
Di-n-octyl phthalate
Concen: 44.947 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:149 Resp: 552324

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.3	10.9

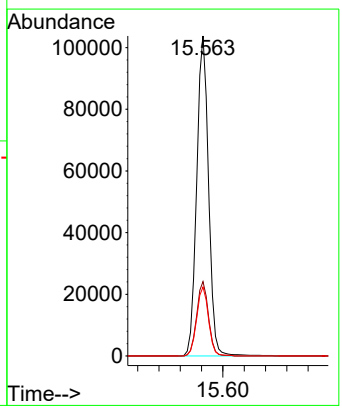


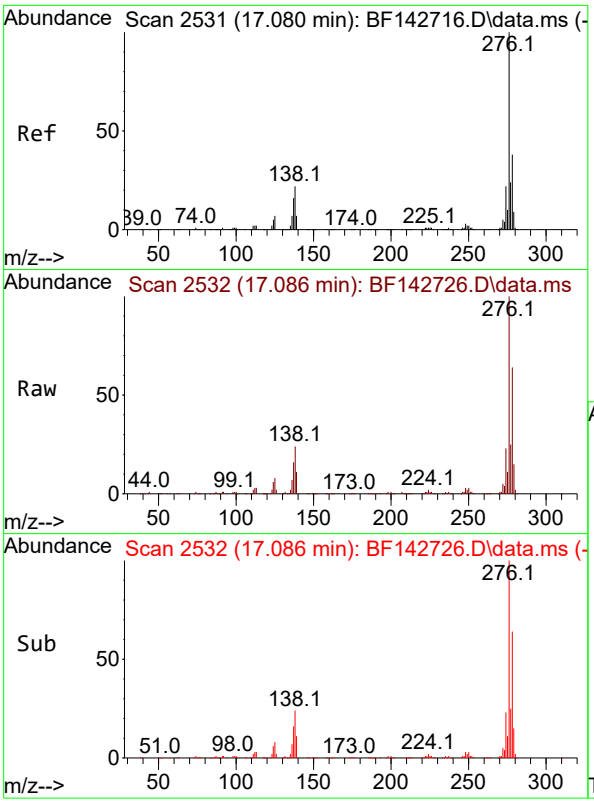


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:264 Resp: 159844

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.6
265	21.6	16.6	25.0



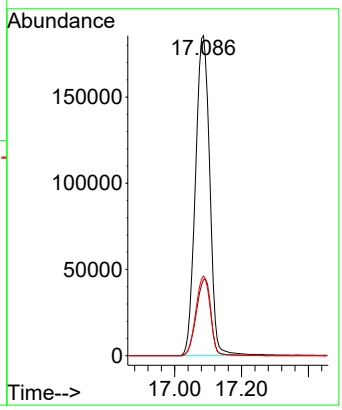


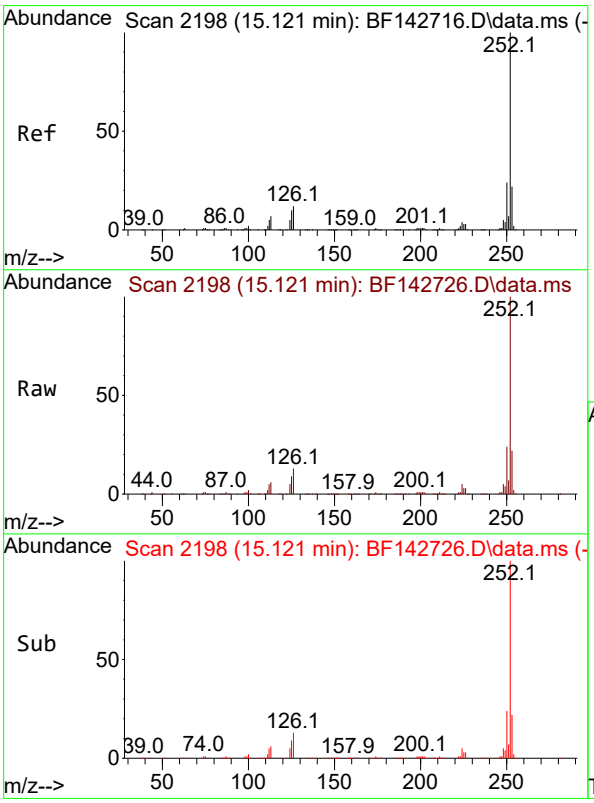
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.611 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:276 Resp: 552121

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	25.1	20.2	30.2

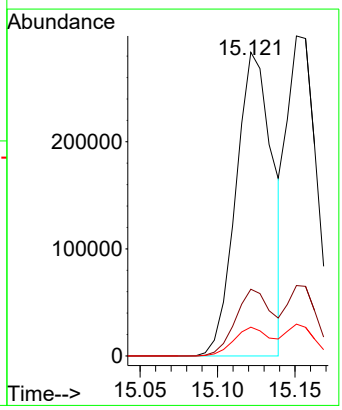


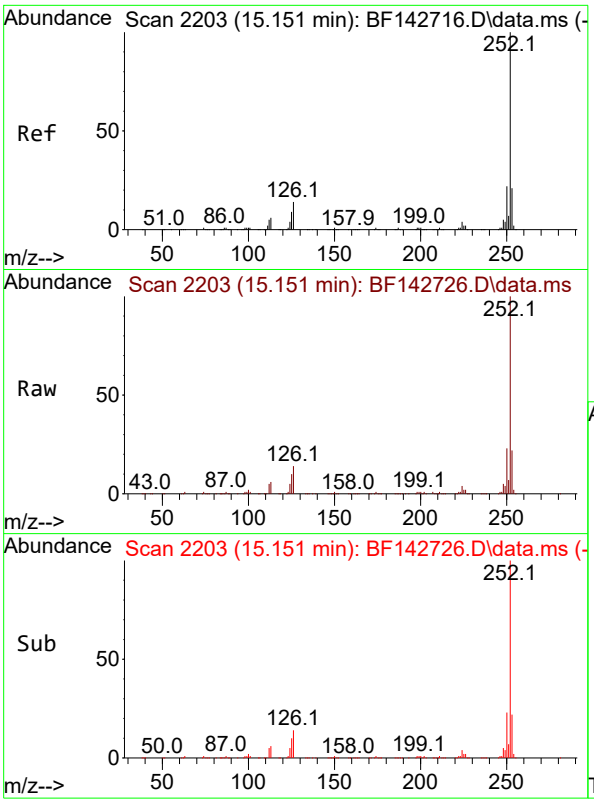


#88
Benzo(b)fluoranthene
Concen: 49.597 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:252 Resp: 466805

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.5	7.8	11.6



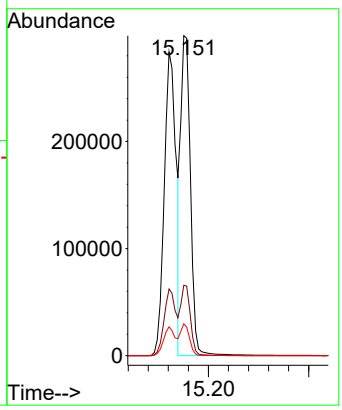


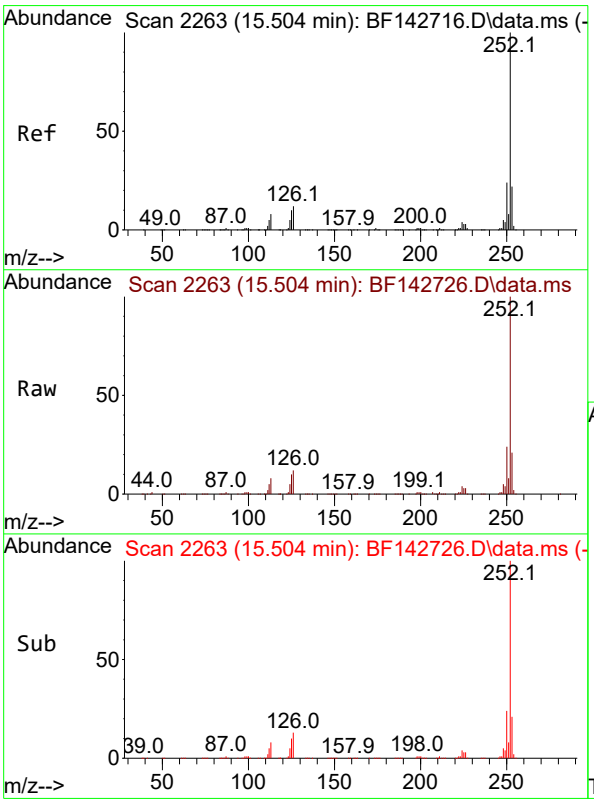
#89
Benzo(k)fluoranthene
Concen: 44.366 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:252 Resp: 405150

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.0	7.5	11.3

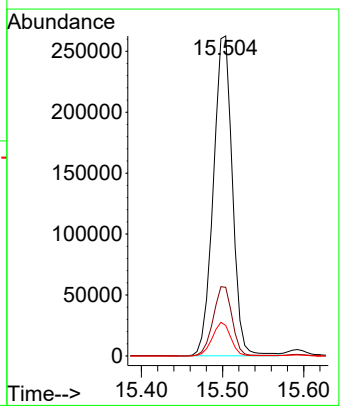


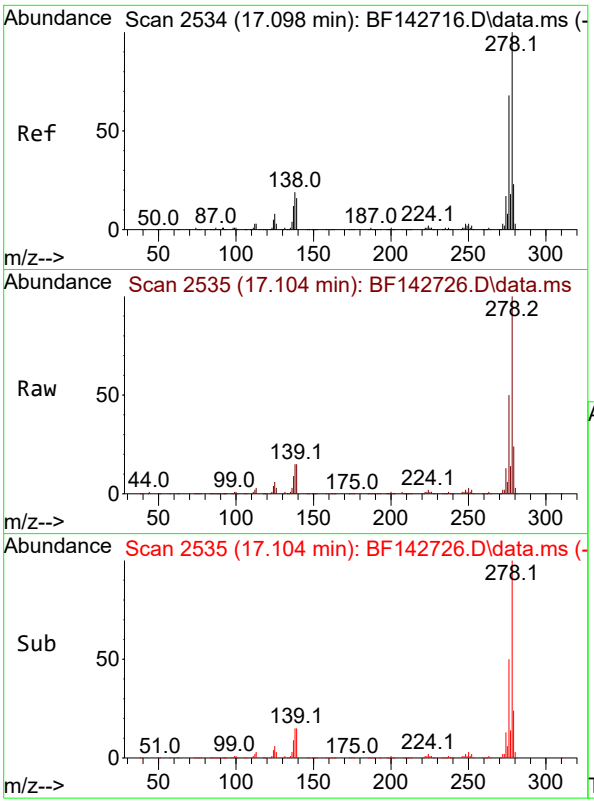


#90
Benzo(a)pyrene
Concen: 47.794 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:252 Resp: 427694

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.6	8.0	12.0



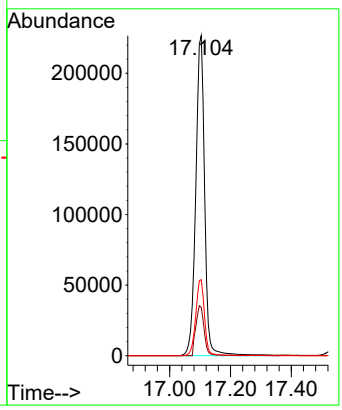


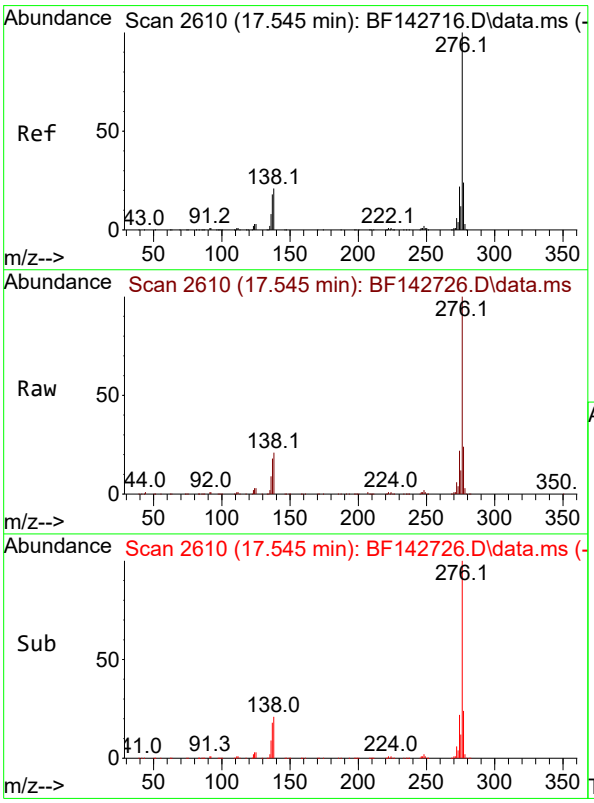
#91
Dibenzo(a,h)anthracene
Concen: 47.702 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:278 Resp: 461373

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.8	19.2
279	23.7	18.7	28.1

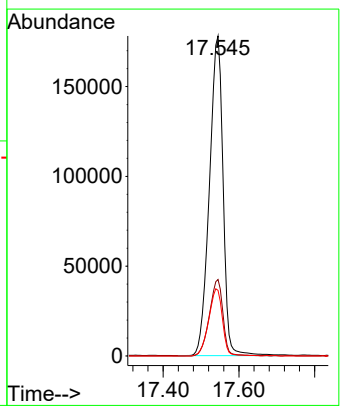




#92
Benzo(g,h,i)perylene
Concen: 46.121 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:276 Resp: 443588

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.5	16.4	24.6



Raw Data: **BF142605.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/29/25
Project:	Seely	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMS	SDG No.:	Q2125
Lab Sample ID:	Q2159-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142605.D	1	06/04/25 09:10	06/04/25 14:08	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1100		16.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	47.4		30 (18) - 130 (107)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5		30 (20) - 130 (109)	46%	SPK: 100
1718-51-0	Terphenyl-d14	35.2		30 (10) - 130 (105)	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898			
1146-65-2	Naphthalene-d8	441000	8.181			
15067-26-2	Acenaphthene-d10	219000	9.939			
1517-22-2	Phenanthrene-d10	322000	11.428			
1719-03-5	Chrysene-d12	216000	14.069			
1520-96-3	Perylene-d12	273000	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\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 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	119687	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441391	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218918	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	322457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	216030	20.000	ng	0.00
86) Perylene-d12	15.563	264	272895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	530843	74.723	ng	0.00
7) Phenol-d6	6.528	99	650114	76.022	ng	0.00
23) Nitrobenzene-d5	7.457	82	383796	47.414	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	169656	69.826	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	742665	45.522	ng	-0.02
79) Terphenyl-d14	13.004	244	556976	35.233	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	118790	41.787	ng	98
3) Pyridine	3.499	79	316918	43.778	ng	99
4) n-Nitrosodimethylamine	3.452	42	168372	44.795	ng	92
6) Aniline	6.557	93	298846	25.990	ng	95
8) 2-Chlorophenol	6.681	128	347349	44.889	ng	98
9) Benzaldehyde	6.446	77	189343	36.812	ng	99
10) Phenol	6.540	94	415471	43.177	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	314166	45.357	ng	100
12) 1,3-Dichlorobenzene	6.840	146	380249	44.039	ng	98
13) 1,4-Dichlorobenzene	6.916	146	383221	44.061	ng	98
14) 1,2-Dichlorobenzene	7.069	146	367896	44.206	ng	99
15) Benzyl Alcohol	7.034	79	274957	43.508	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	509267	43.781	ng	98
17) 2-Methylphenol	7.151	107	263331	43.588	ng	99
18) Hexachloroethane	7.410	117	132286	43.558	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	218117	41.155	ng	100
20) 3+4-Methylphenols	7.304	107	321533	41.561	ng	92
22) Acetophenone	7.304	105	437089	44.733	ng	98
24) Nitrobenzene	7.481	77	331446	45.400	ng	99
25) Isophorone	7.716	82	591291	43.690	ng	99
26) 2-Nitrophenol	7.792	139	184427	47.277	ng	98
27) 2,4-Dimethylphenol	7.834	122	298005	43.318	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	383925	45.412	ng	99
29) 2,4-Dichlorophenol	8.040	162	282004	45.075	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	308170	45.387	ng	98
31) Naphthalene	8.204	128	976775	44.943	ng	100
32) Benzoic acid	7.945	122	191636m	45.762	ng	
33) 4-Chloroaniline	8.245	127	104729	11.892	ng	99
34) Hexachlorobutadiene	8.316	225	188185	44.388	ng	99
35) Caprolactam	8.616	113	81967	46.648	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	274424	42.801	ng	96
37) 2-Methylnaphthalene	8.892	142	599114	43.817	ng	100
38) 1-Methylnaphthalene	8.992	142	615699	43.533	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	301267	47.940	ng	99
41) Hexachlorocyclopentadiene	9.045	237	342158	80.712	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	200860	47.400	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 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

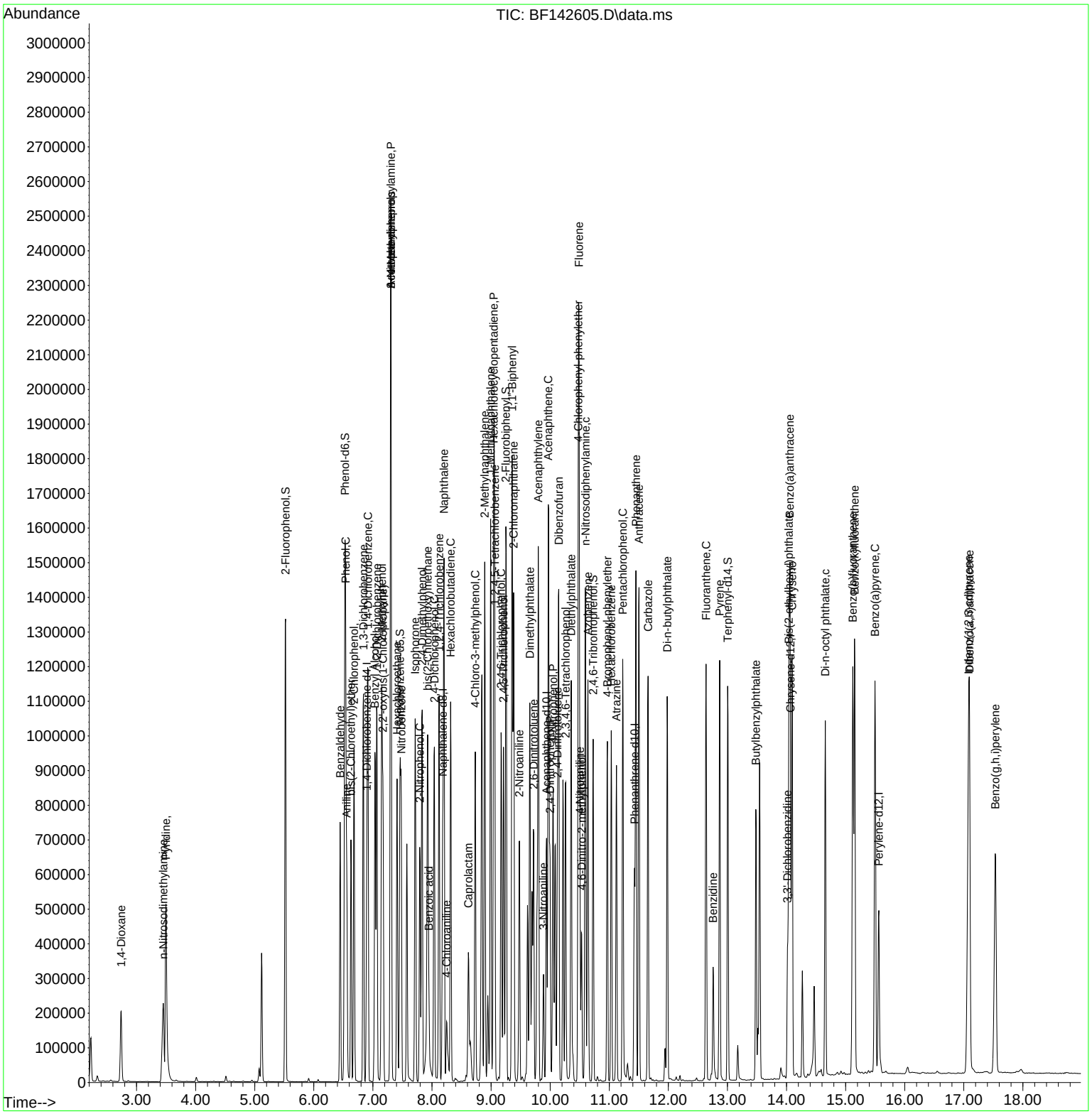
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	203775	45.596	ng	99
46) 1,1'-Biphenyl	9.357	154	804636	47.376	ng	100
47) 2-Chloronaphthalene	9.381	162	585929	46.693	ng	99
48) 2-Nitroaniline	9.475	65	167615	46.213	ng	98
49) Acenaphthylene	9.798	152	968879	45.726	ng	100
50) Dimethylphthalate	9.657	163	658805	45.608	ng	100
51) 2,6-Dinitrotoluene	9.722	165	141451	45.371	ng	96
52) Acenaphthene	9.969	154	628871	48.604	ng	99
53) 3-Nitroaniline	9.886	138	71689	21.053	ng	97
54) 2,4-Dinitrophenol	9.998	184	133984	83.183	ng	91
55) Dibenzofuran	10.145	168	836285	44.916	ng	98
56) 4-Nitrophenol	10.051	139	214603	85.412	ng	96
57) 2,4-Dinitrotoluene	10.122	165	189139	46.454	ng	99
58) Fluorene	10.486	166	634376	44.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	160270	42.958	ng	98
60) Diethylphthalate	10.357	149	623187	44.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	311030	44.018	ng	98
62) 4-Nitroaniline	10.504	138	131676	42.636	ng	96
63) Azobenzene	10.639	77	574383	45.330	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	85367	47.438	ng	96
66) n-Nitrosodiphenylamine	10.598	169	538608	48.823	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	186780	48.987	ng	96
68) Hexachlorobenzene	11.033	284	199393	47.282	ng	99
69) Atrazine	11.122	200	155307	53.010	ng	99
70) Pentachlorophenol	11.228	266	206465	86.718	ng	99
71) Phenanthrene	11.451	178	789897	45.837	ng	100
72) Anthracene	11.504	178	808547	45.973	ng	99
73) Carbazole	11.657	167	685918	45.620	ng	100
74) Di-n-butylphthalate	11.980	149	806869	49.027	ng	100
75) Fluoranthene	12.639	202	702745	43.643	ng	99
77) Benzidine	12.757	184	198259	24.662	ng	99
78) Pyrene	12.869	202	706356	35.051	ng	100
80) Butylbenzylphthalate	13.480	149	265980	47.765	ng	99
81) Benzo(a)anthracene	14.057	228	657910	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	114456	26.159	ng	98
83) Chrysene	14.092	228	616958	47.597	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374143	52.486	ng	99
85) Di-n-octyl phthalate	14.657	149	697516	50.043	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	790401	38.580	ng	99
88) Benzo(b)fluoranthene	15.121	252	817498	50.615	ng	99
89) Benzo(k)fluoranthene	15.151	252	663669	43.872	ng	98
90) Benzo(a)pyrene	15.498	252	725008	47.622	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	643765	38.743	ng	99
92) Benzo(g,h,i)perylene	17.533	276	596123	35.868	ng	97

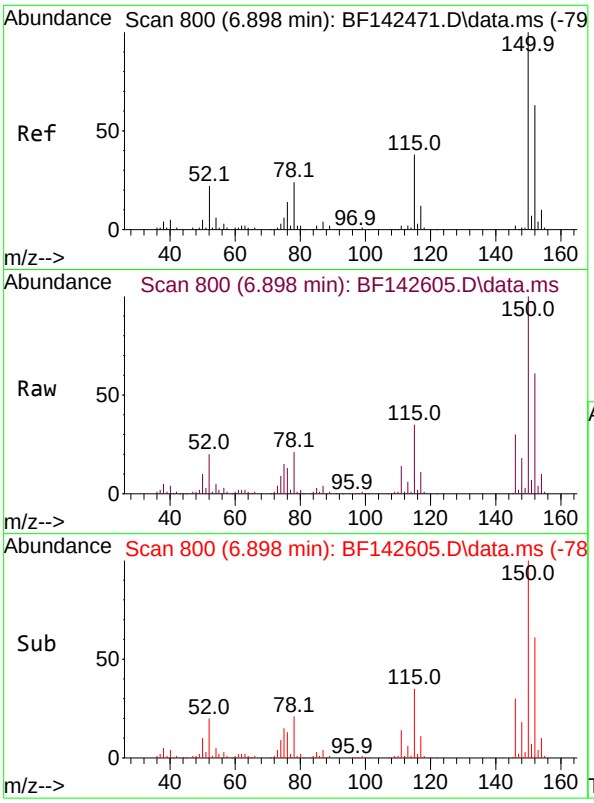
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 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



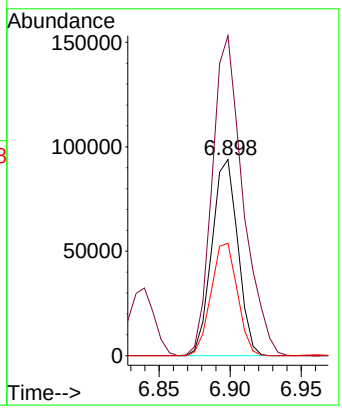


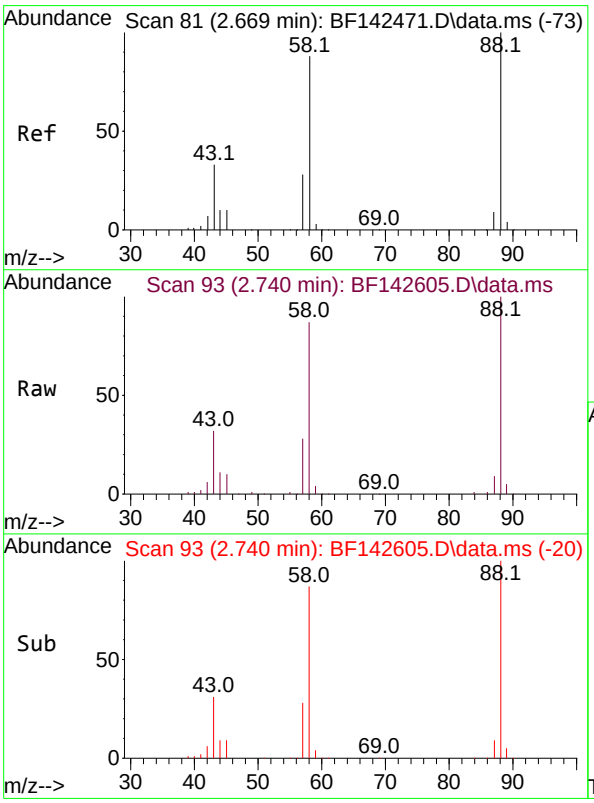
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:152 Resp: 119687

Ion	Ratio	Lower	Upper
152	100		
150	163.2	128.2	192.4
115	57.2	48.3	72.5

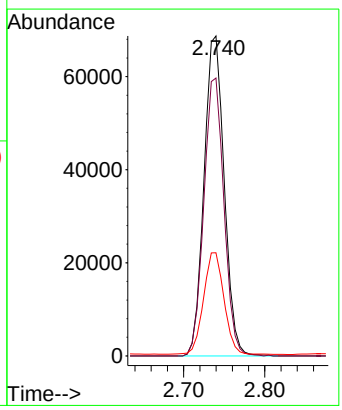


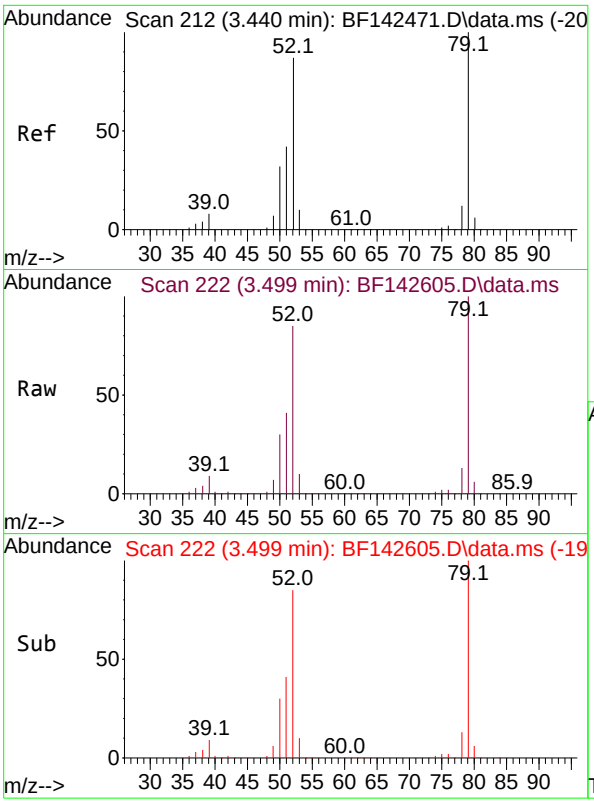


#2
1,4-Dioxane
Concen: 41.787 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.077 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 88 Resp: 118790

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.8	106.2
43	32.4	26.6	40.0



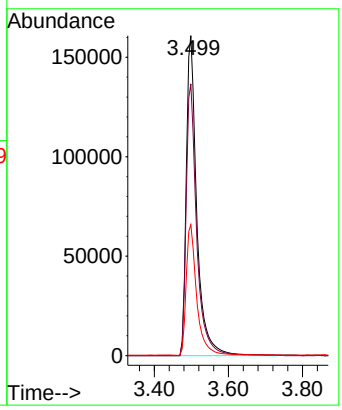


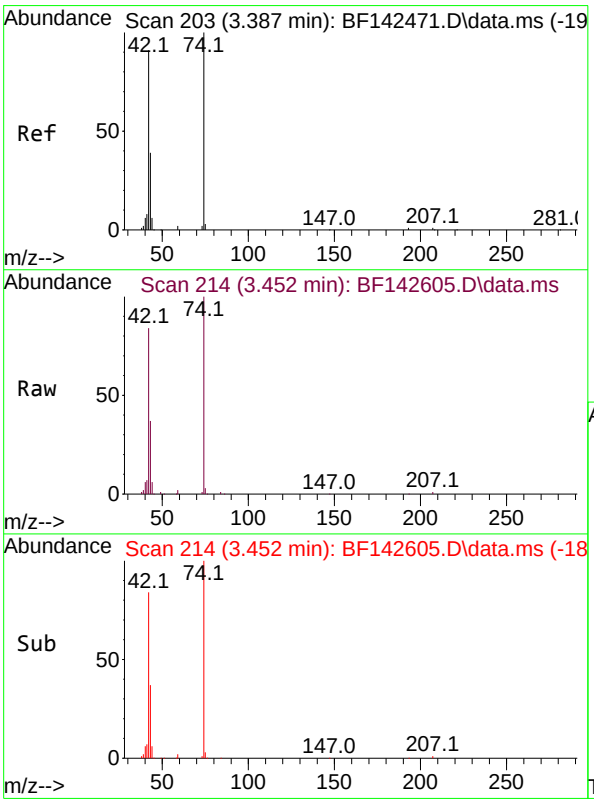
#3
Pyridine
Concen: 43.778 ng
RT: 3.499 min Scan# 2
Delta R.T. 0.059 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 79 Resp: 316918

Ion	Ratio	Lower	Upper
79	100		
52	84.9	69.2	103.8
51	40.9	33.3	49.9

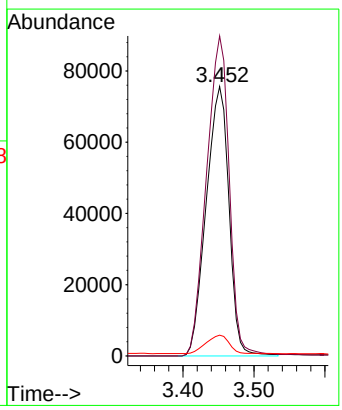


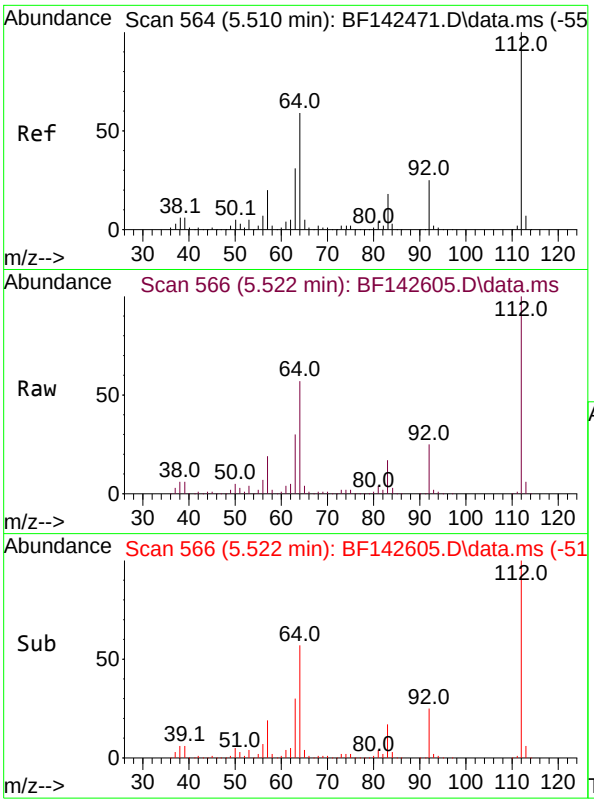


#4
n-Nitrosodimethylamine
Concen: 44.795 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.047 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 42 Resp: 168372

Ion	Ratio	Lower	Upper
42	100		
74	118.8	88.2	132.4
44	7.7	5.4	8.2



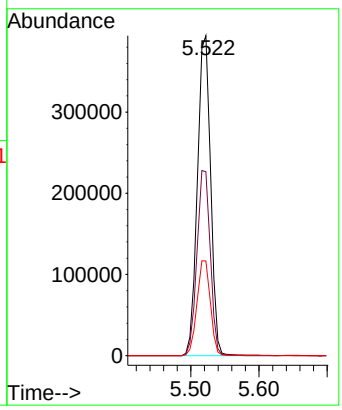


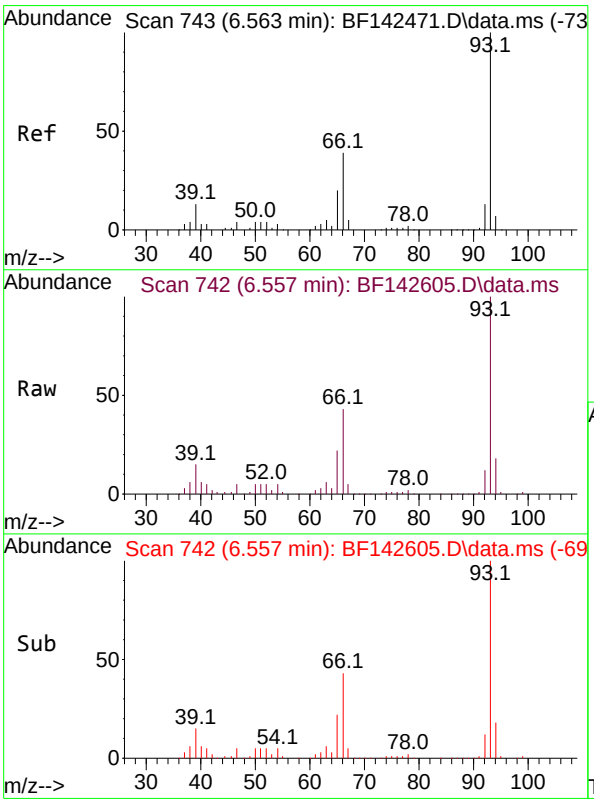
#5
2-Fluorophenol
Concen: 74.723 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:112 Resp: 530843

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.5	71.3
63	29.6	24.9	37.3

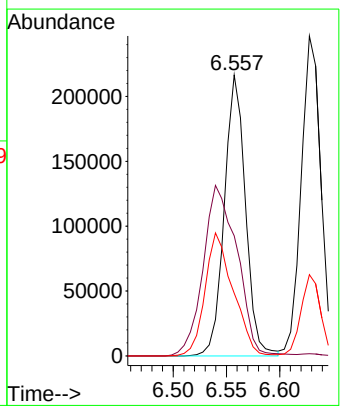


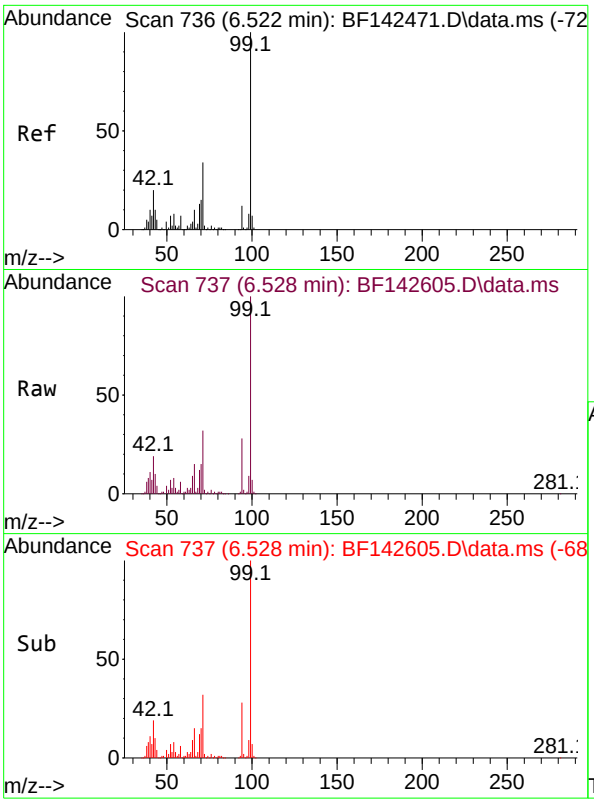


#6
Aniline
Concen: 25.990 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 93 Resp: 298846

Ion	Ratio	Lower	Upper
93	100		
66	42.7	32.0	48.0
65	22.3	16.1	24.1



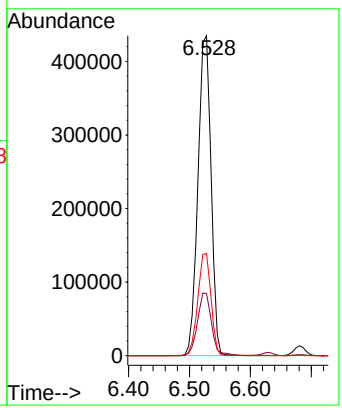


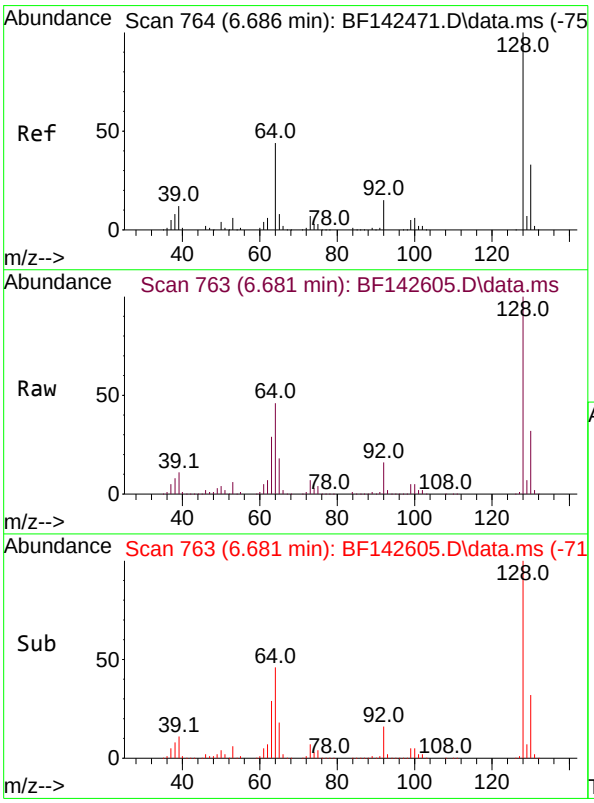
#7
Phenol-d6
Concen: 76.022 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 99 Resp: 650114

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	31.9	27.3	40.9

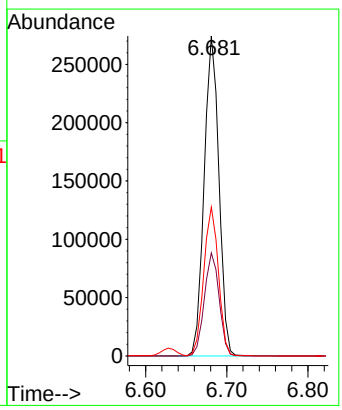


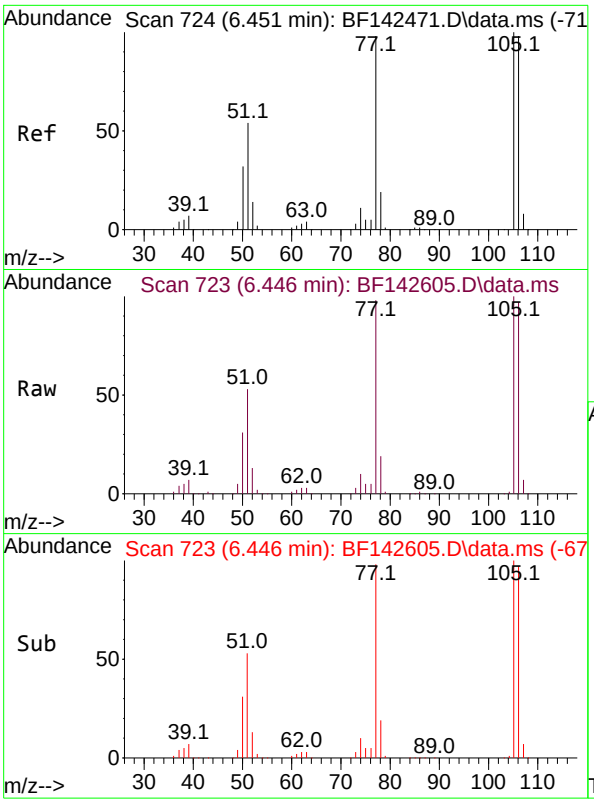


#8
2-Chlorophenol
Concen: 44.889 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:128 Resp: 347349

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	46.5	25.1	65.1



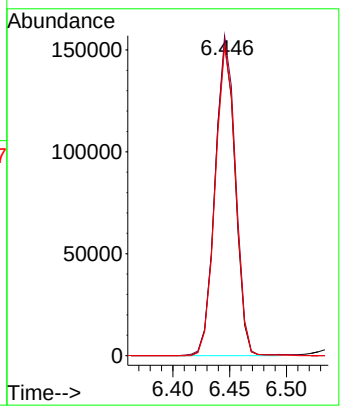


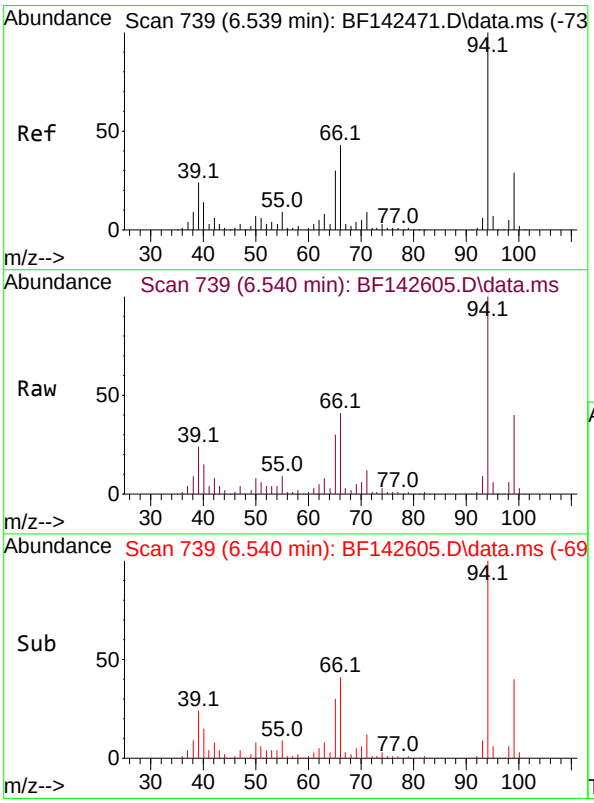
#9
Benzaldehyde
Concen: 36.812 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 77 Resp: 189343

Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.5	122.5
106	98.6	80.0	120.0

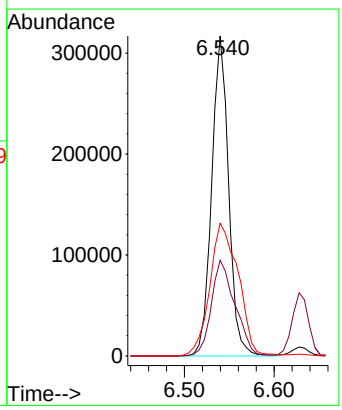


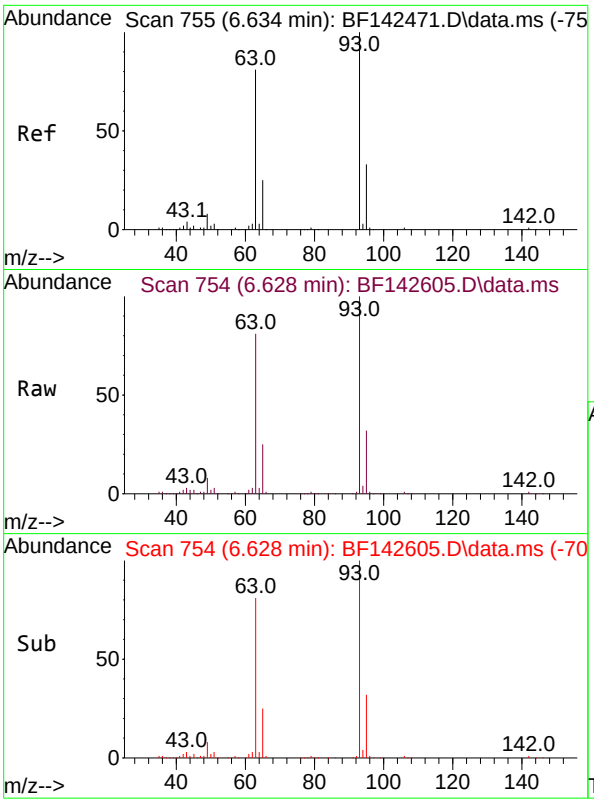


#10
Phenol
Concen: 43.177 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 94 Resp: 415471

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.3	50.3
66	41.4	22.6	62.6



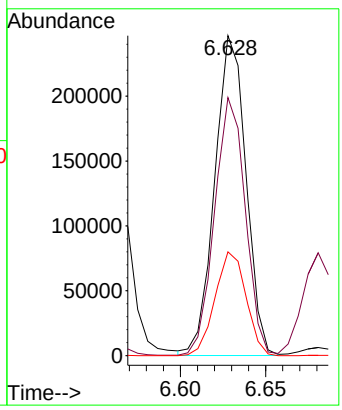


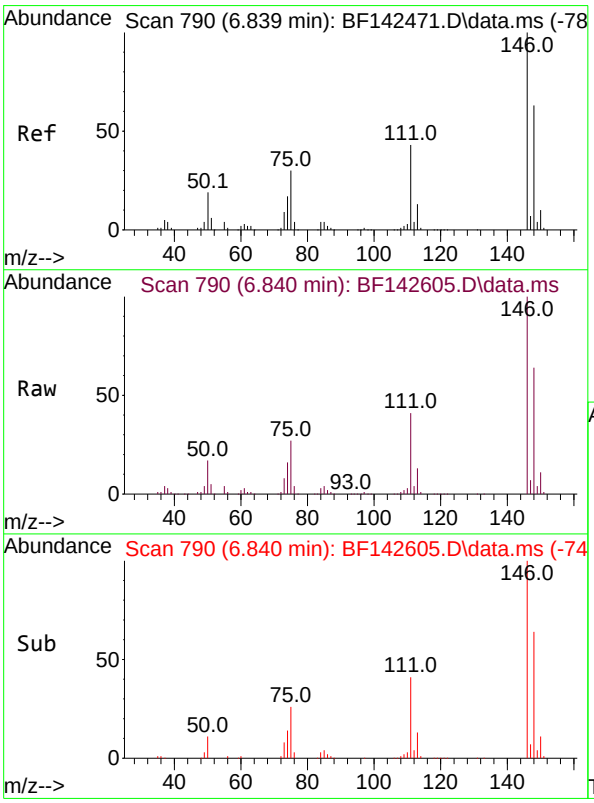
#11
bis(2-Chloroethyl)ether
Concen: 45.357 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 93 Resp: 314166

Ion	Ratio	Lower	Upper
93	100		
63	80.6	60.2	100.2
95	32.4	12.3	52.3

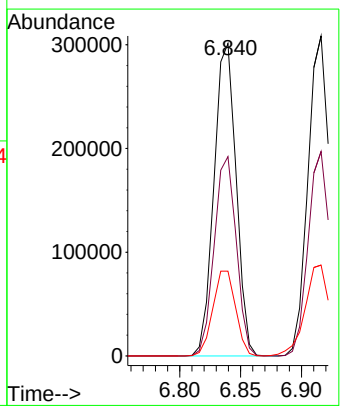


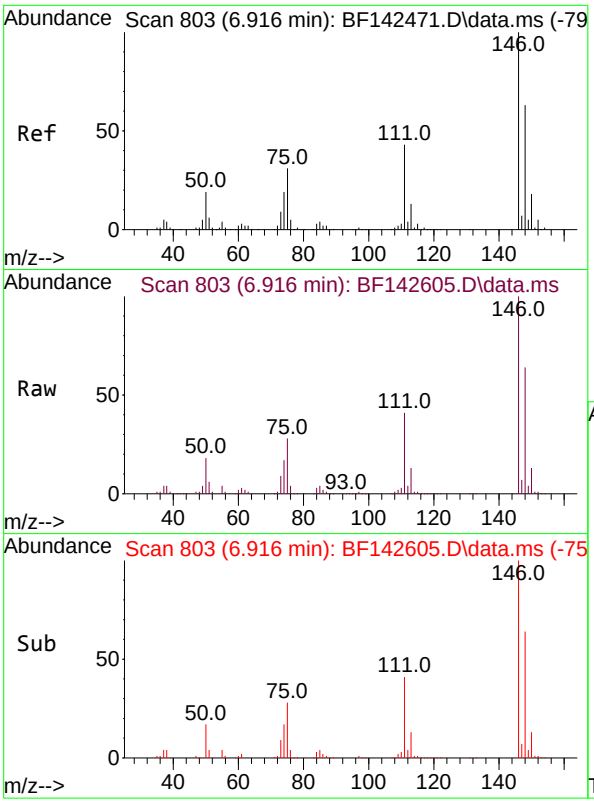


#12
1,3-Dichlorobenzene
Concen: 44.039 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:146 Resp: 380249

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	27.1	23.8	35.6



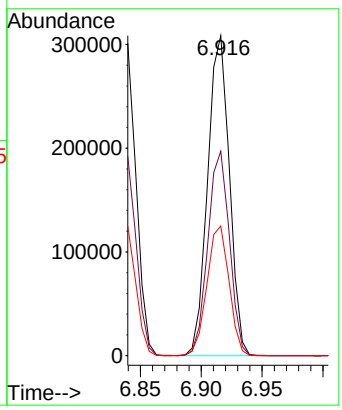


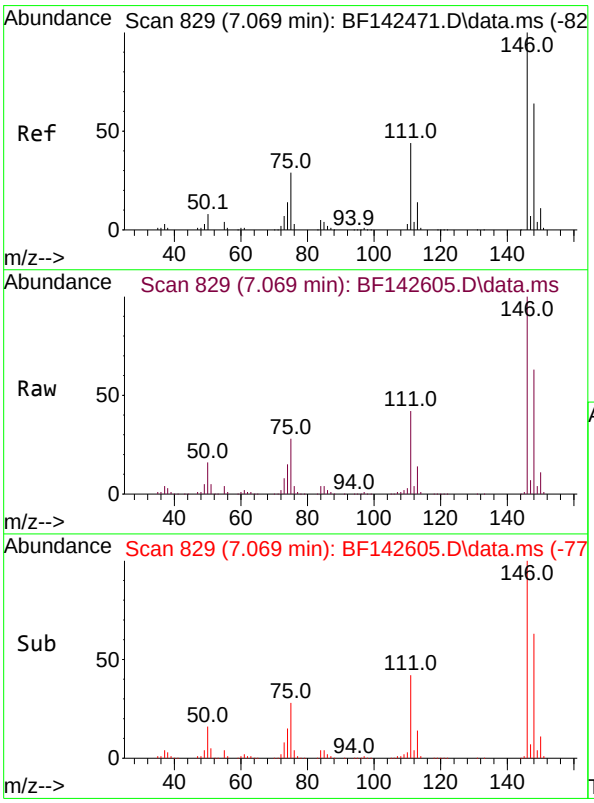
#13
1,4-Dichlorobenzene
Concen: 44.061 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:146 Resp: 383221

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	40.5	34.1	51.1

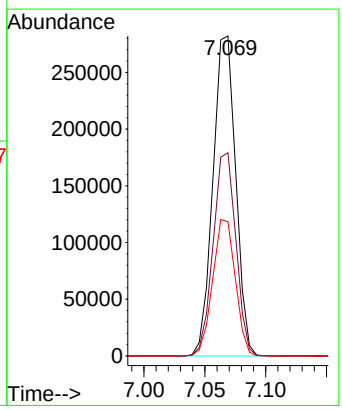


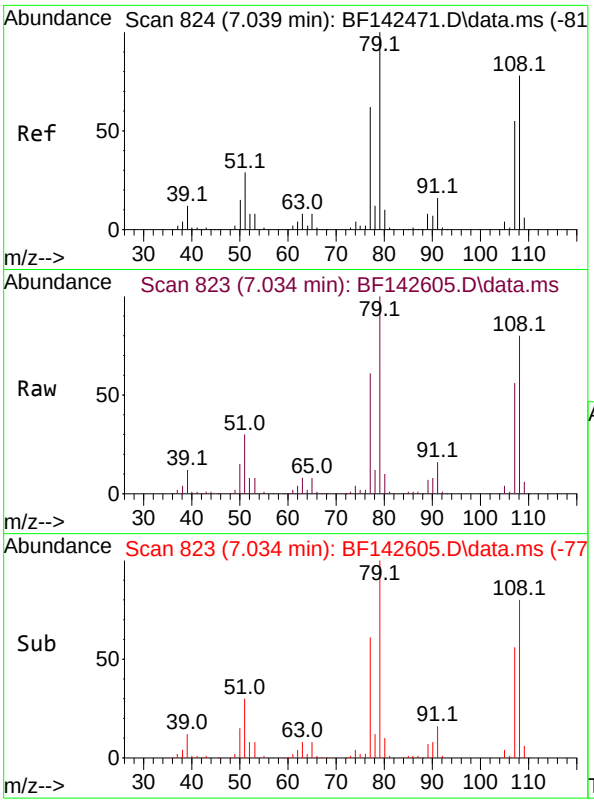


#14
1,2-Dichlorobenzene
Concen: 44.206 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:146 Resp: 367896

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.0	35.0	52.6



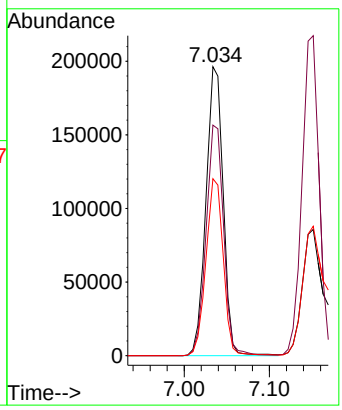


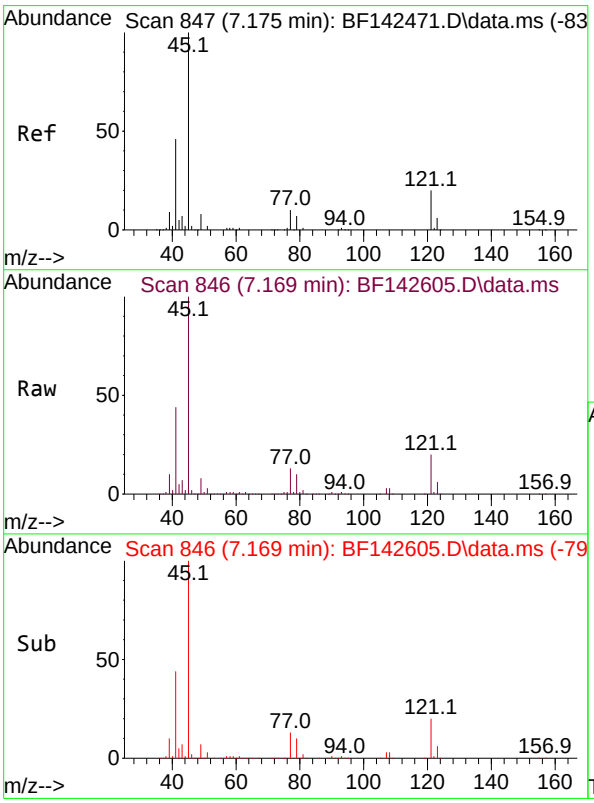
#15
Benzyl Alcohol
Concen: 43.508 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 79 Resp: 274957

Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.1	93.1
77	61.2	49.5	74.3

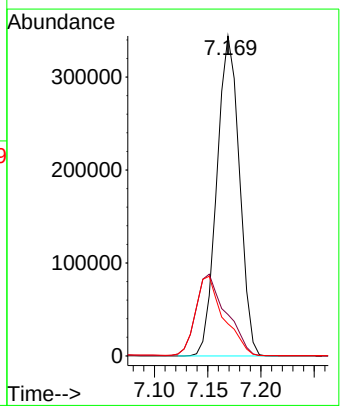


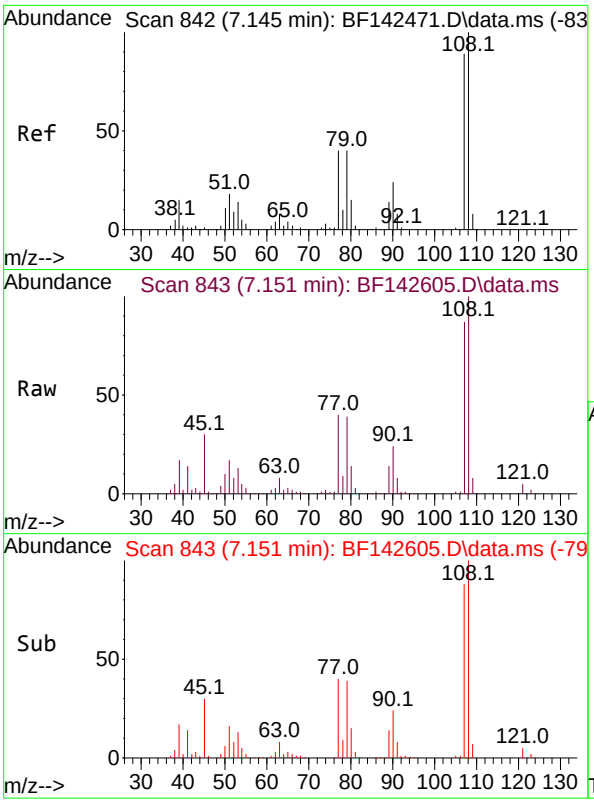


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.781 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 45 Resp: 509267

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.0
79	10.0	0.0	29.2



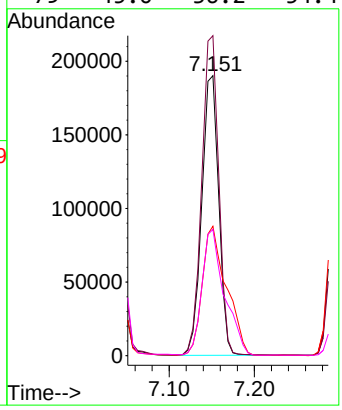


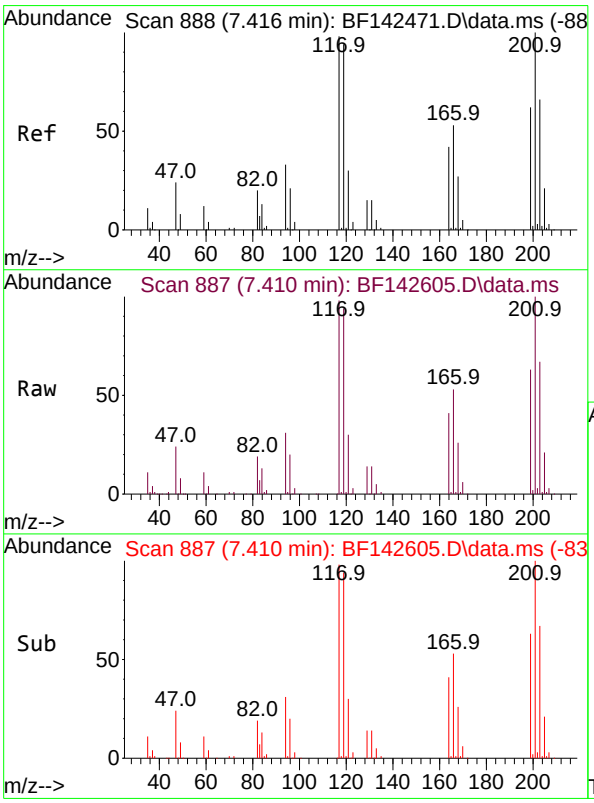
#17
2-Methylphenol
Concen: 43.588 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:107 Resp: 263331

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.2	135.2
77	46.2	36.1	54.1
79	45.0	36.2	54.4

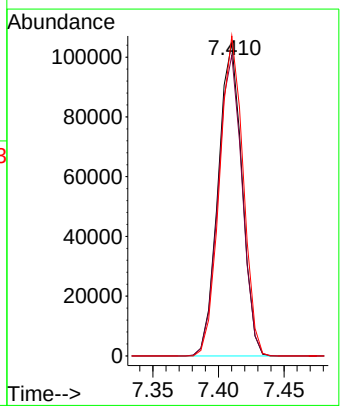


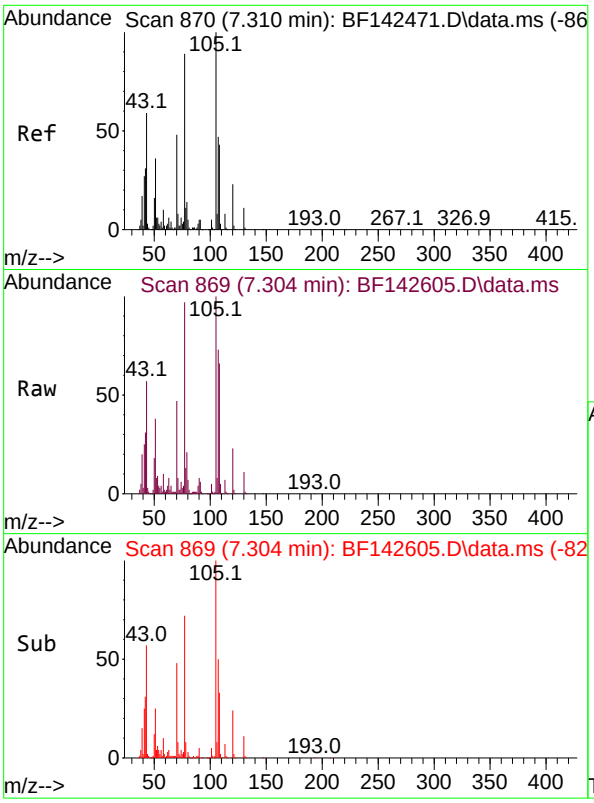


#18
Hexachloroethane
Concen: 43.558 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:117 Resp: 132286

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	102.3	81.3	121.9



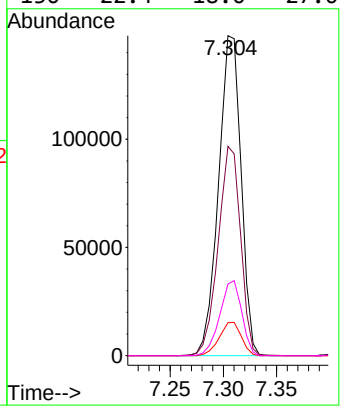


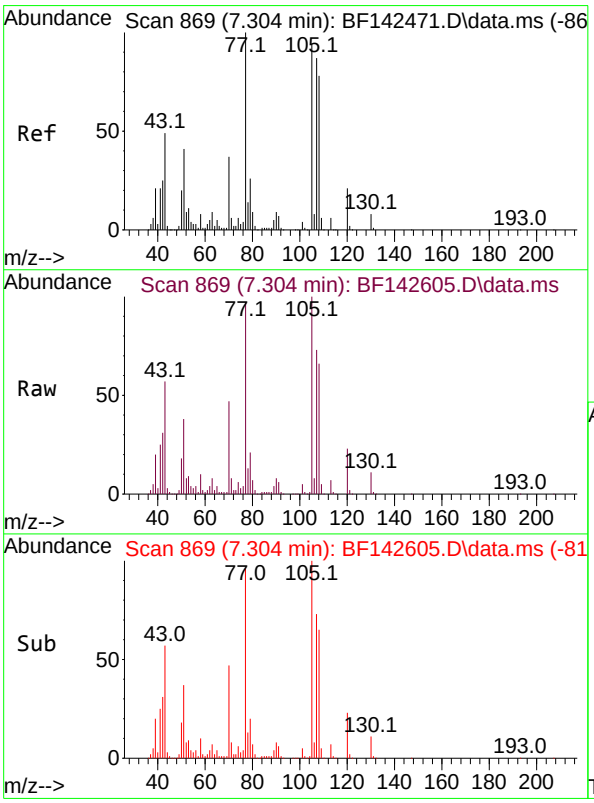
#19
n-Nitroso-di-n-propylamine
Concen: 41.155 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 70 Resp: 218117

Ion	Ratio	Lower	Upper
70	100		
42	65.4	52.4	78.6
101	10.3	7.8	11.8
130	22.4	18.0	27.0

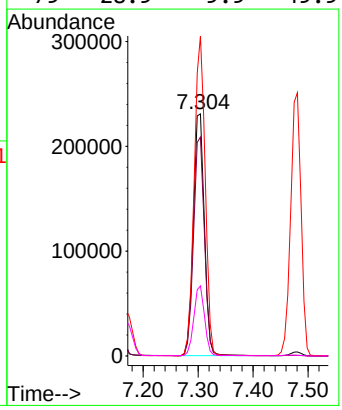


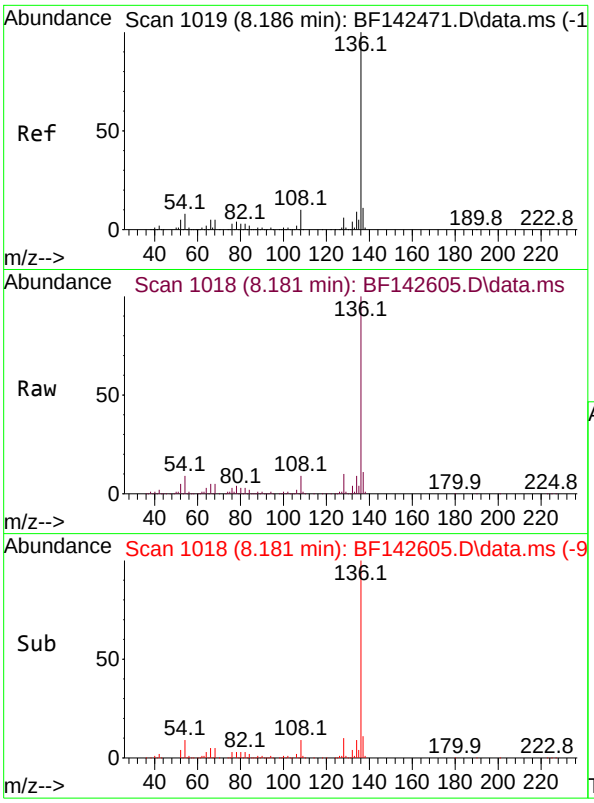


#20
3+4-Methylphenols
Concen: 41.561 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:107 Resp: 321533

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.4	110.4
77	132.2	95.4	135.4
79	28.9	9.9	49.9



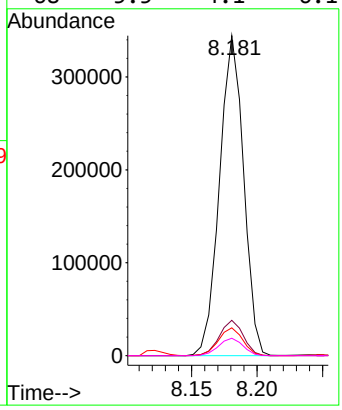


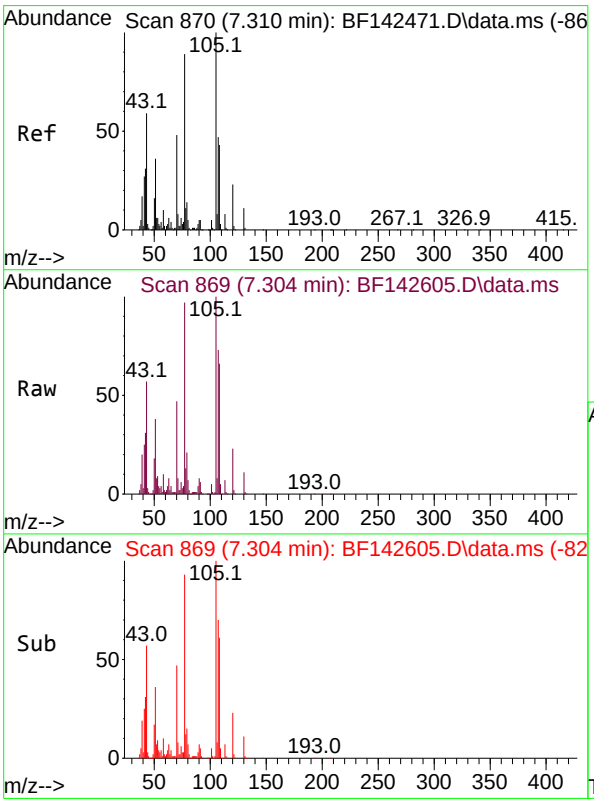
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:136 Resp: 441391

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	6.6	10.0
68	5.5	4.1	6.1

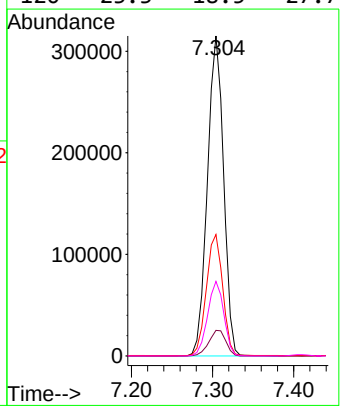


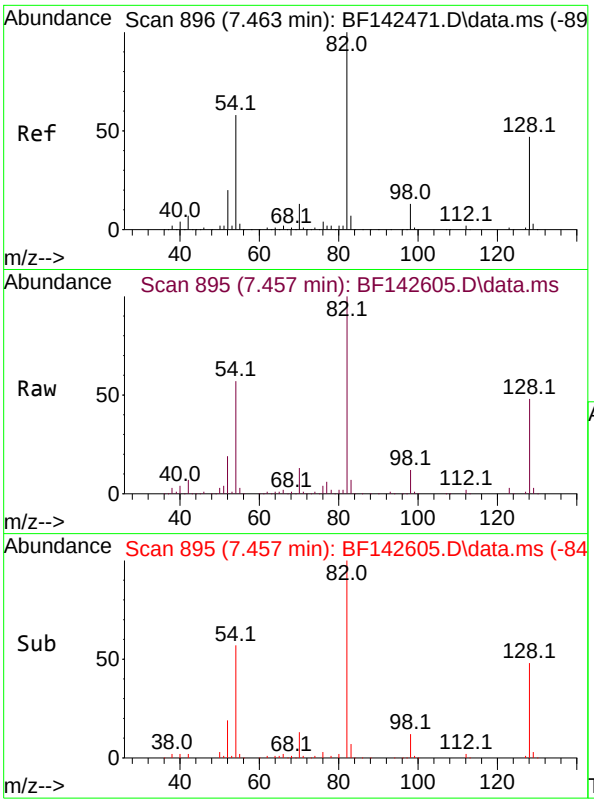


#22
Acetophenone
Concen: 44.733 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:105 Resp: 437089

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	37.9	28.6	42.8
120	23.3	18.5	27.7



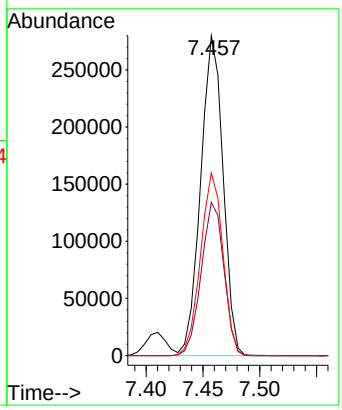


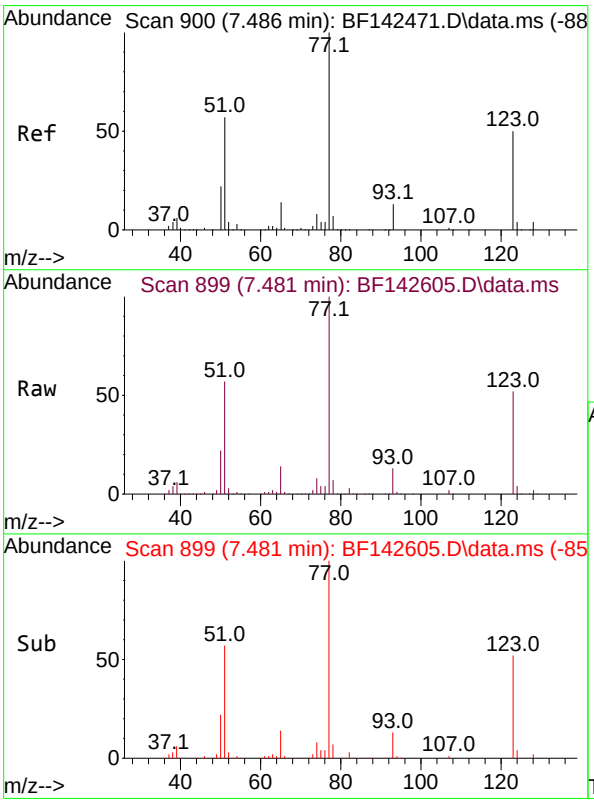
#23
Nitrobenzene-d5
Concen: 47.414 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 82 Resp: 383796

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	57.1	46.6	70.0

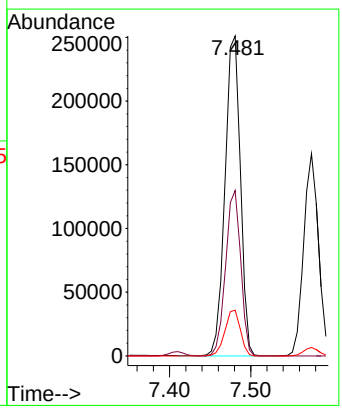


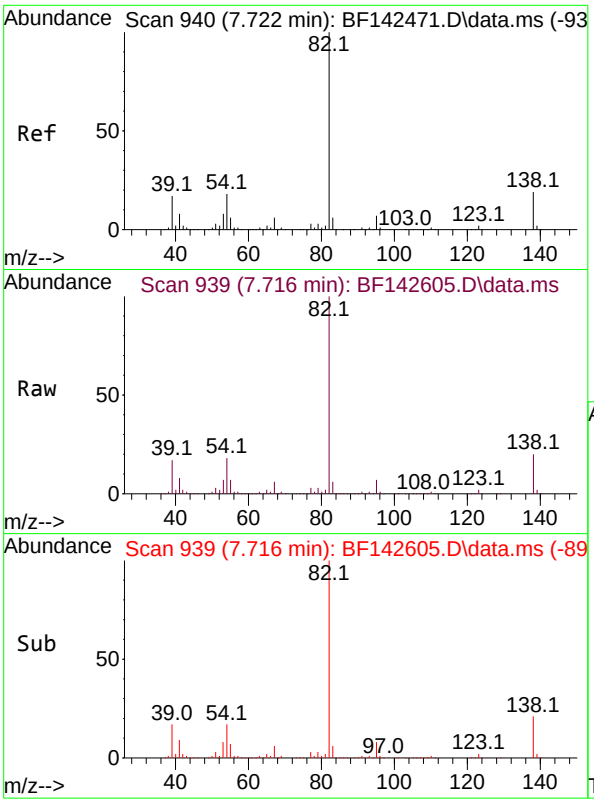


#24
Nitrobenzene
Concen: 45.400 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 77 Resp: 331446

Ion	Ratio	Lower	Upper
77	100		
123	51.7	40.6	61.0
65	14.3	11.4	17.2



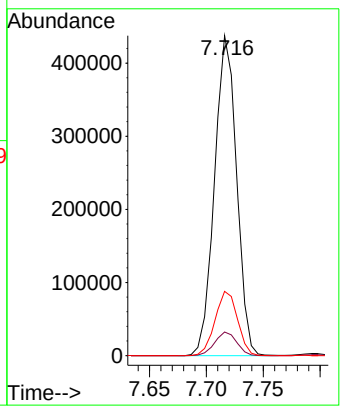


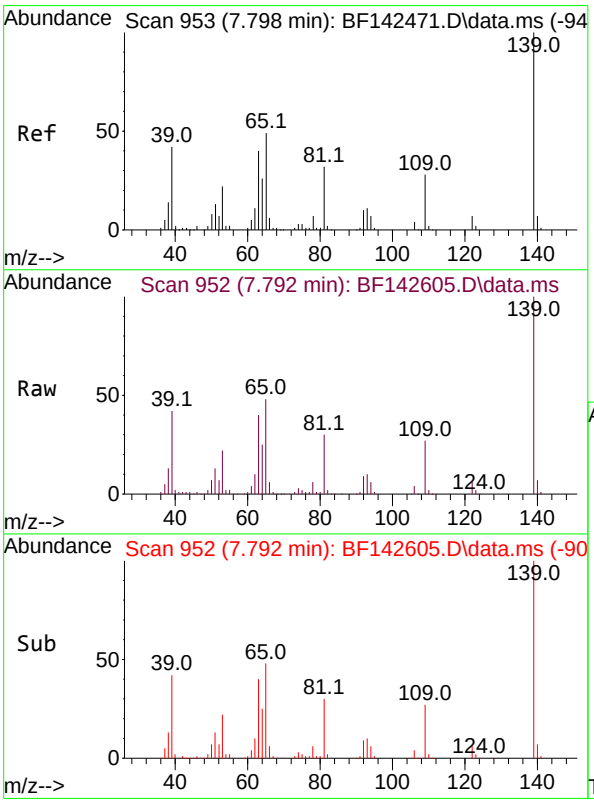
#25
Isophorone
Concen: 43.690 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 82 Resp: 591291

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.1	15.5	23.3

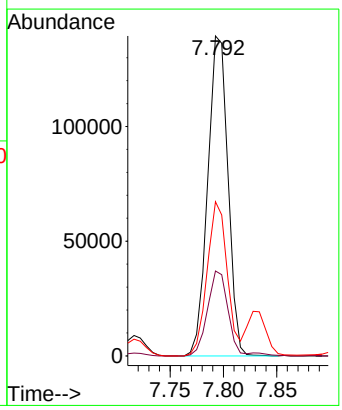


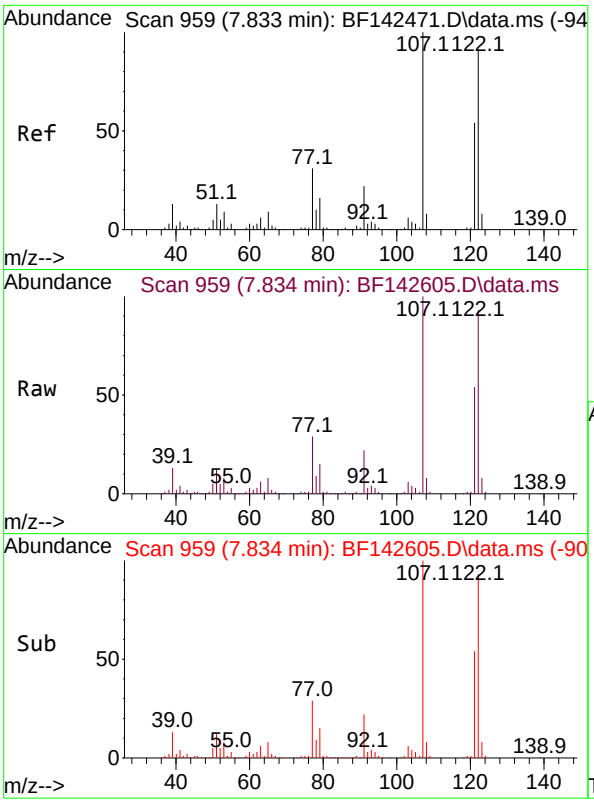


#26
2-Nitrophenol
Concen: 47.277 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:139 Resp: 184427

Ion	Ratio	Lower	Upper
139	100		
109	26.5	22.6	33.8
65	48.2	39.4	59.0



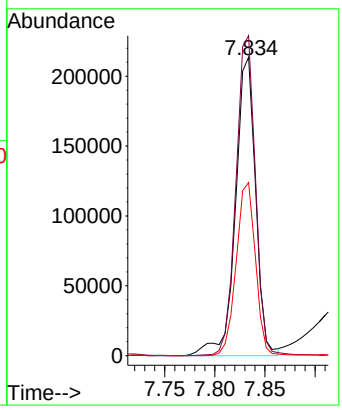


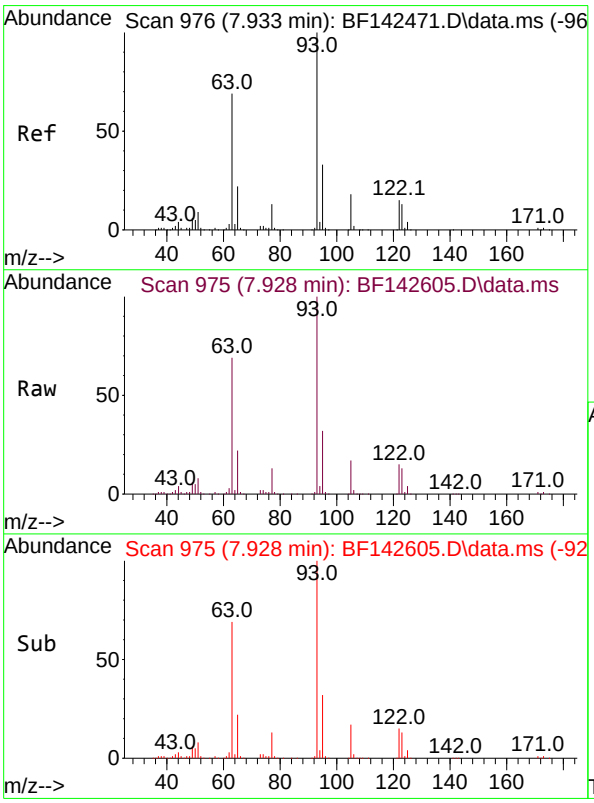
#27
2,4-Dimethylphenol
Concen: 43.318 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:122 Resp: 298005

Ion	Ratio	Lower	Upper
122	100		
107	107.2	88.1	132.1
121	57.9	47.3	70.9

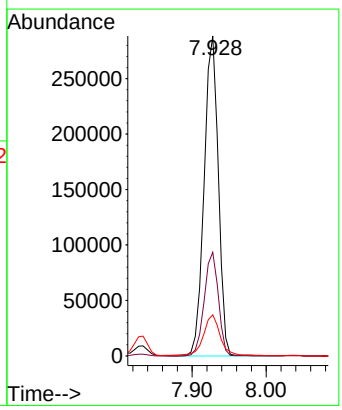


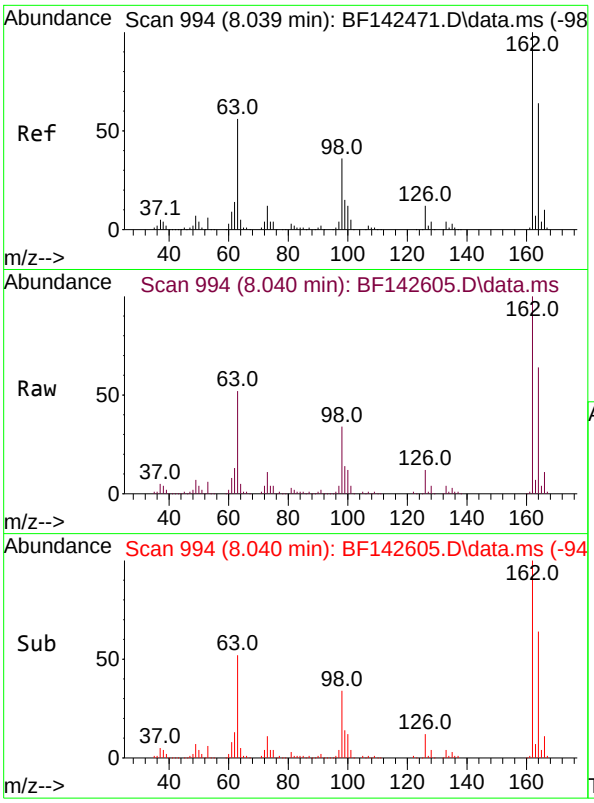


#28
bis(2-Chloroethoxy)methane
Concen: 45.412 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 93 Resp: 383925

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.8	10.6	15.8



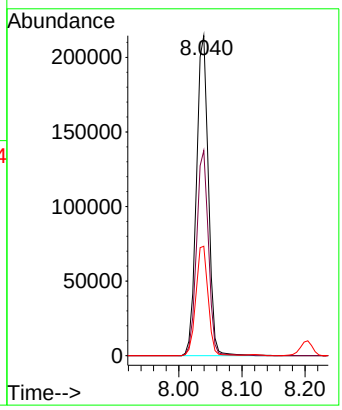


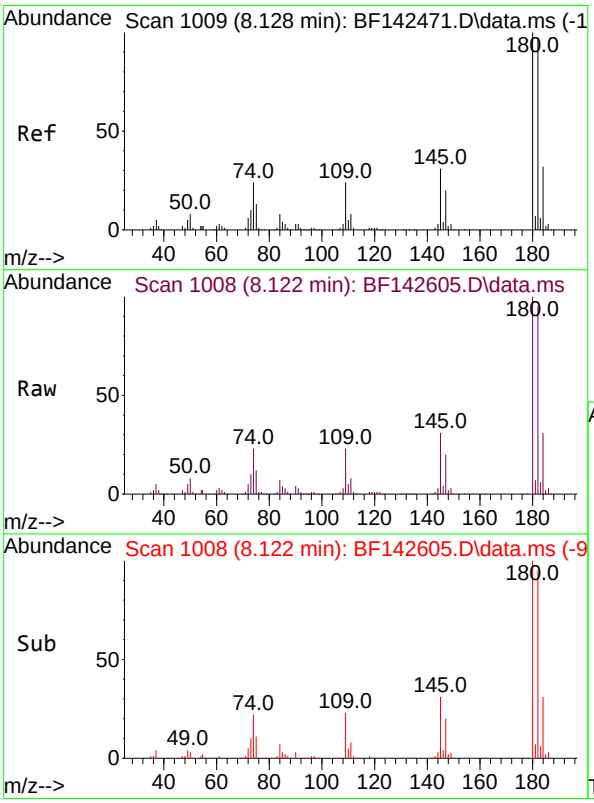
#29
2,4-Dichlorophenol
Concen: 45.075 ng
RT: 8.040 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:162 Resp: 282004

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	34.2	15.5	55.5

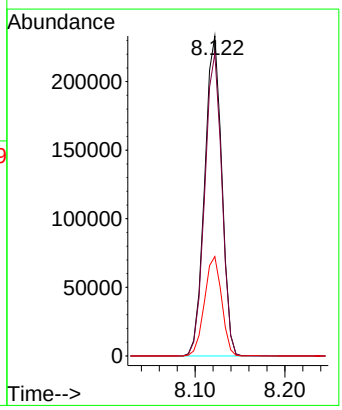


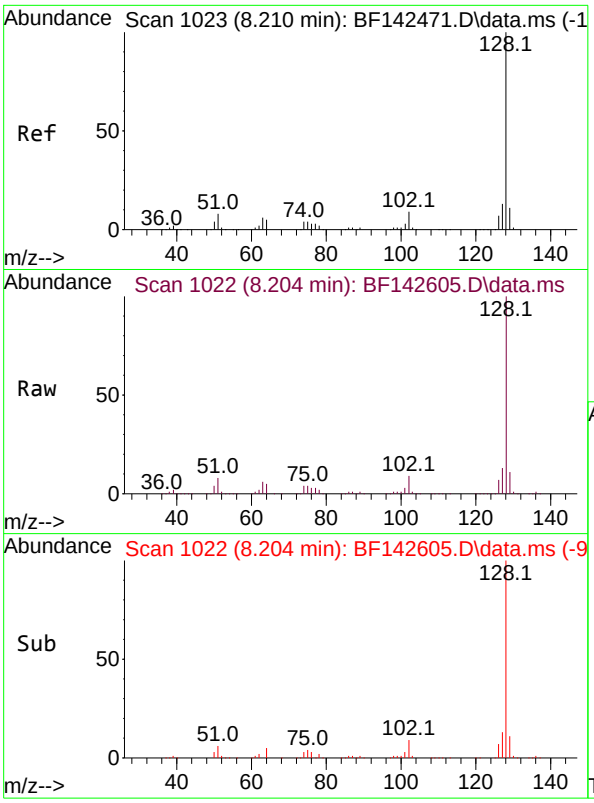


#30
1,2,4-Trichlorobenzene
Concen: 45.387 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:180 Resp: 308170

Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	31.0	25.0	37.6



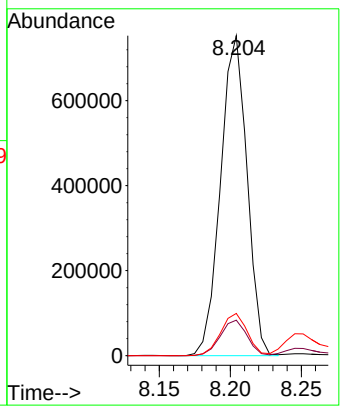


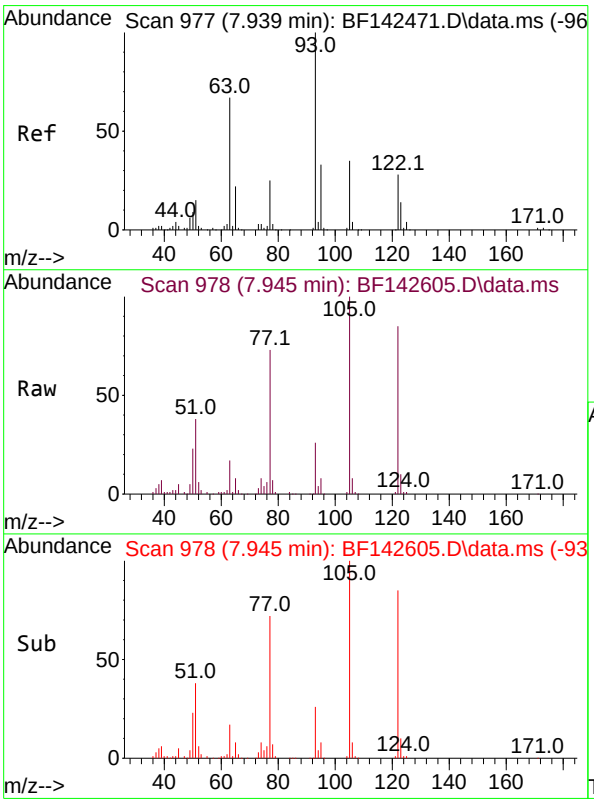
#31
Naphthalene
Concen: 44.943 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:128 Resp: 976775

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.5	15.7

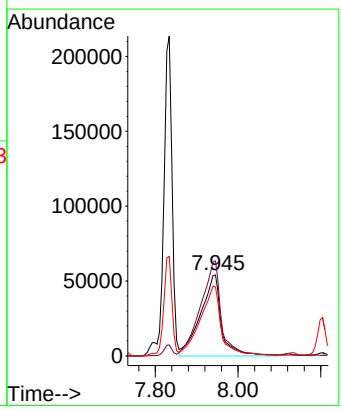


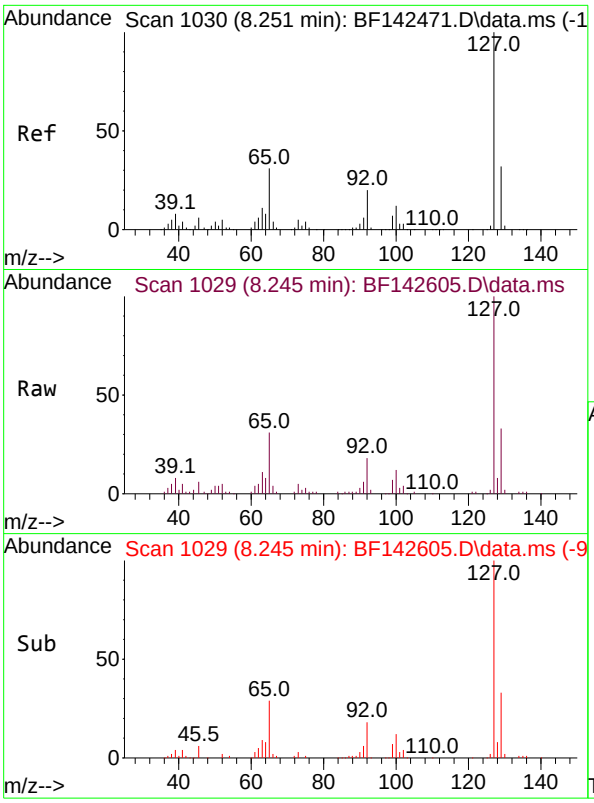


#32
Benzoic acid
Concen: 45.762 ng m
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:122 Resp: 191636

Ion	Ratio	Lower	Upper
122	100		
105	117.5	101.7	141.7
77	85.3	69.5	109.5



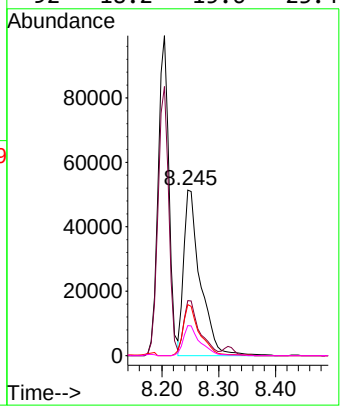


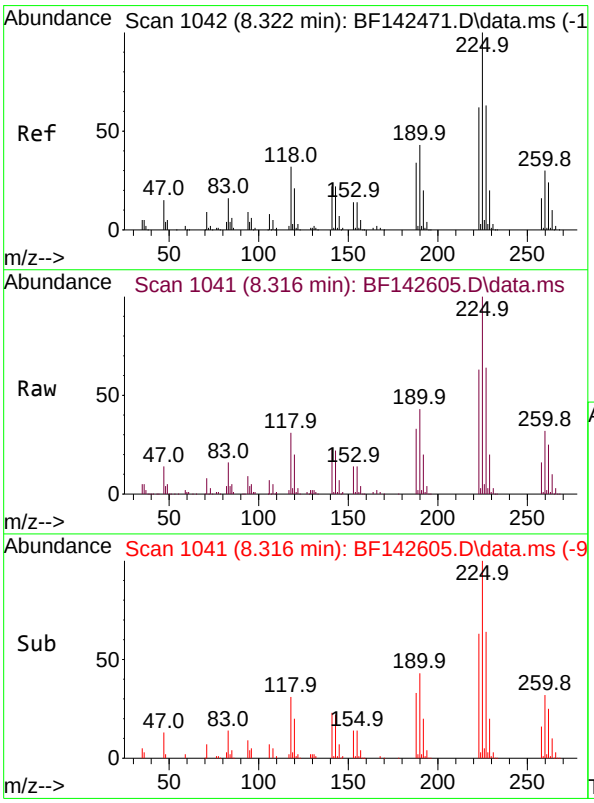
#33
4-Chloroaniline
Concen: 11.892 ng
RT: 8.245 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:127 Resp: 104729

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	30.8	24.9	37.3
92	18.2	15.6	23.4

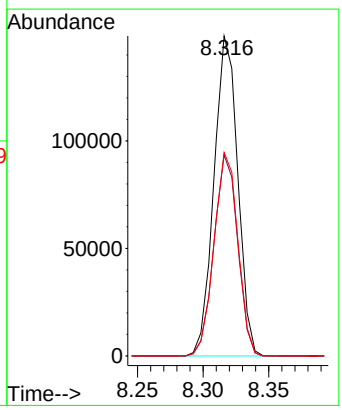


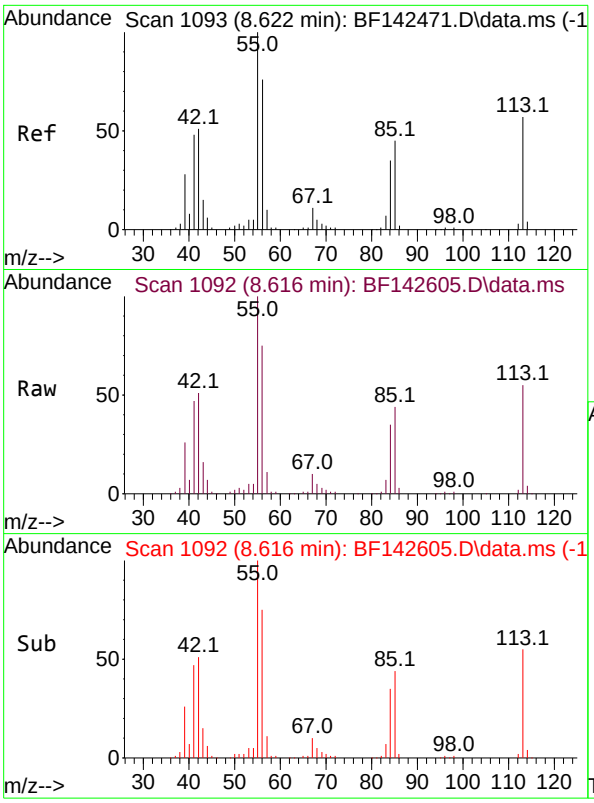


#34
Hexachlorobutadiene
Concen: 44.388 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:225 Resp: 188185

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.6	50.3	75.5



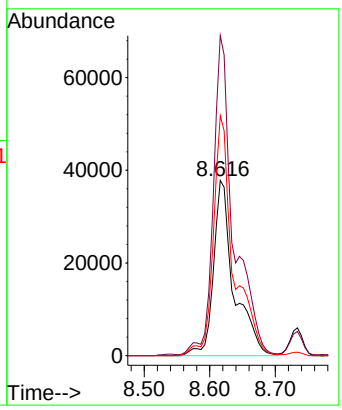


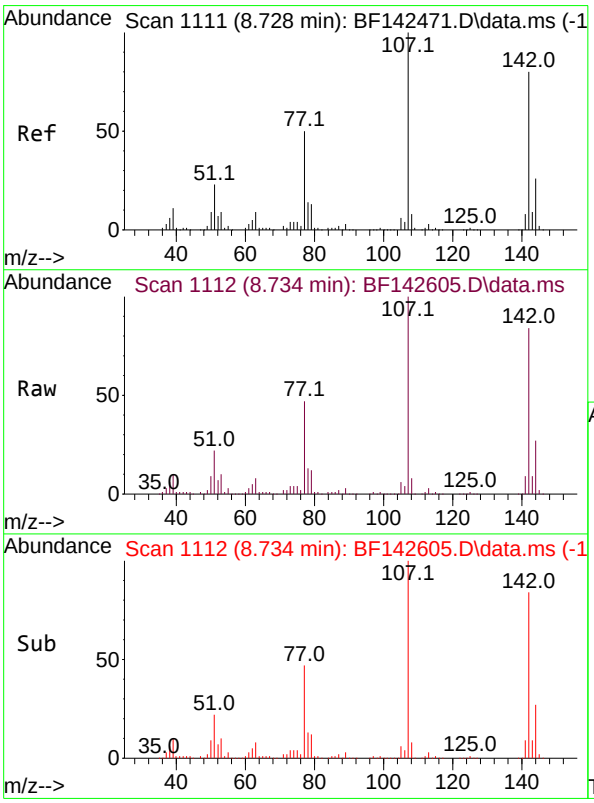
#35
Caprolactam
Concen: 46.648 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:113 Resp: 81967

Ion	Ratio	Lower	Upper
113	100		
55	182.7	154.7	194.7
56	137.0	113.2	153.2

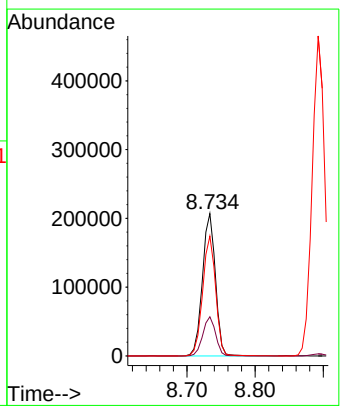


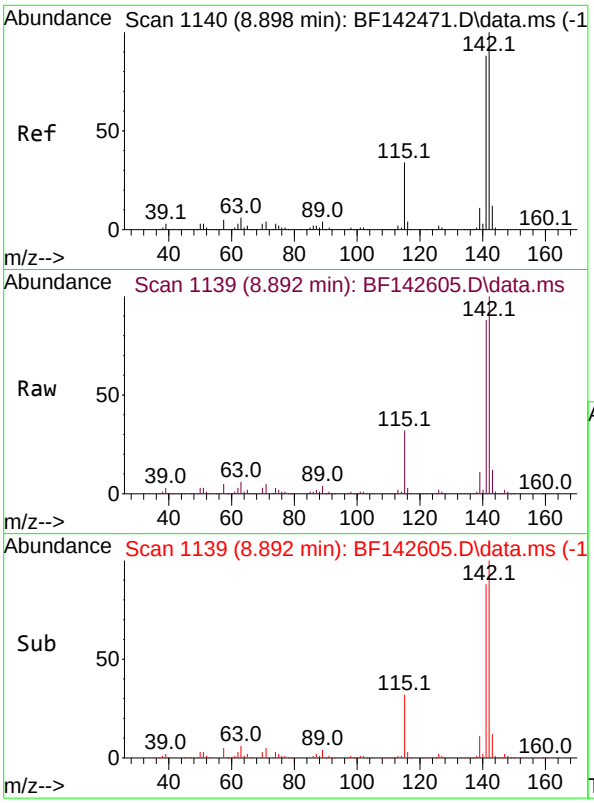


#36
4-Chloro-3-methylphenol
Concen: 42.801 ng
RT: 8.734 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:107 Resp: 274424

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.9	31.3
142	84.1	64.2	96.2



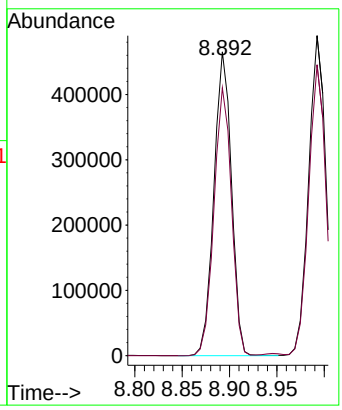


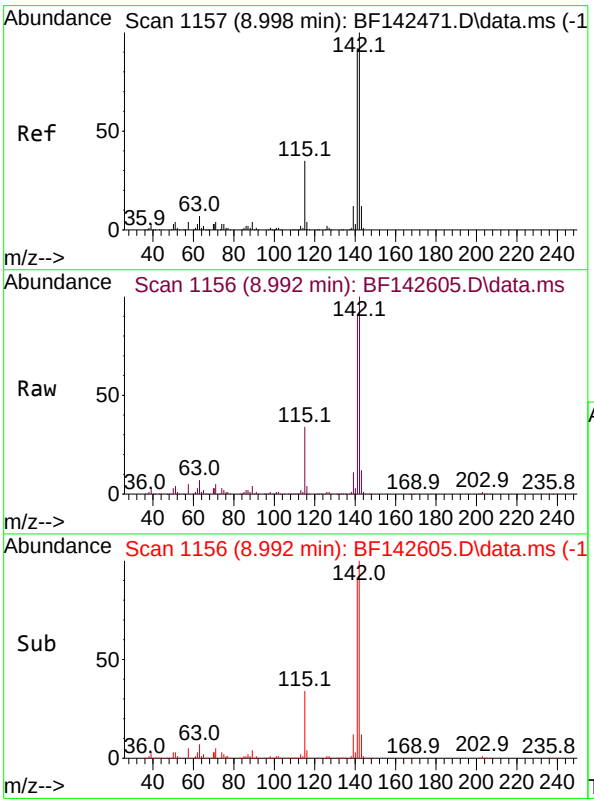
#37
2-Methylnaphthalene
Concen: 43.817 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:142 Resp: 599114

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1

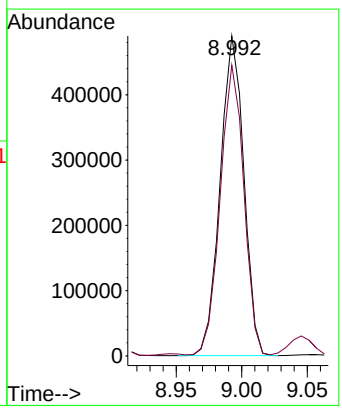


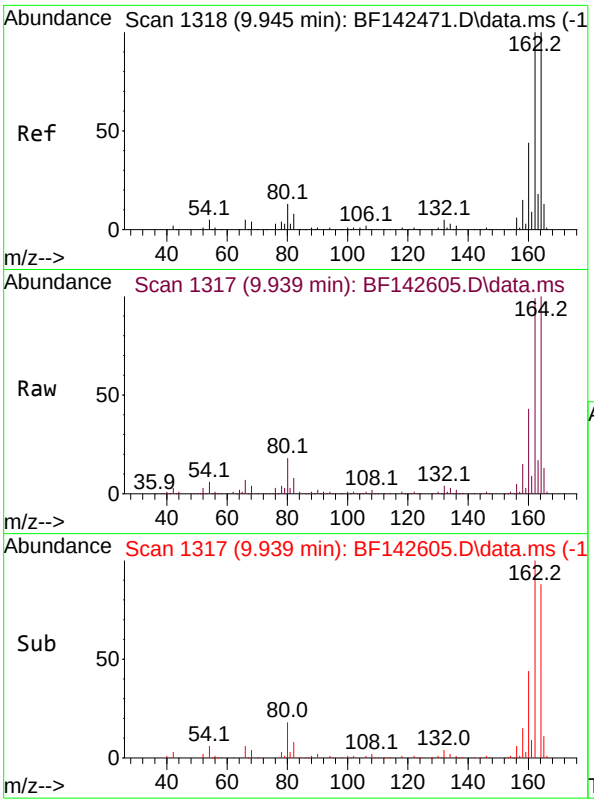


#38
1-Methylnaphthalene
Concen: 43.533 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:142 Resp: 615699

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.2



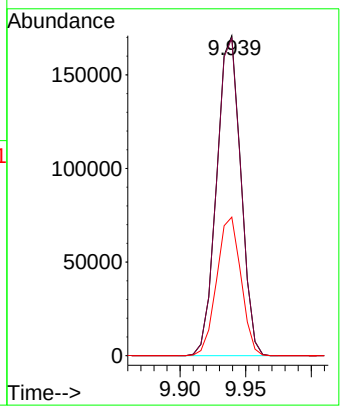


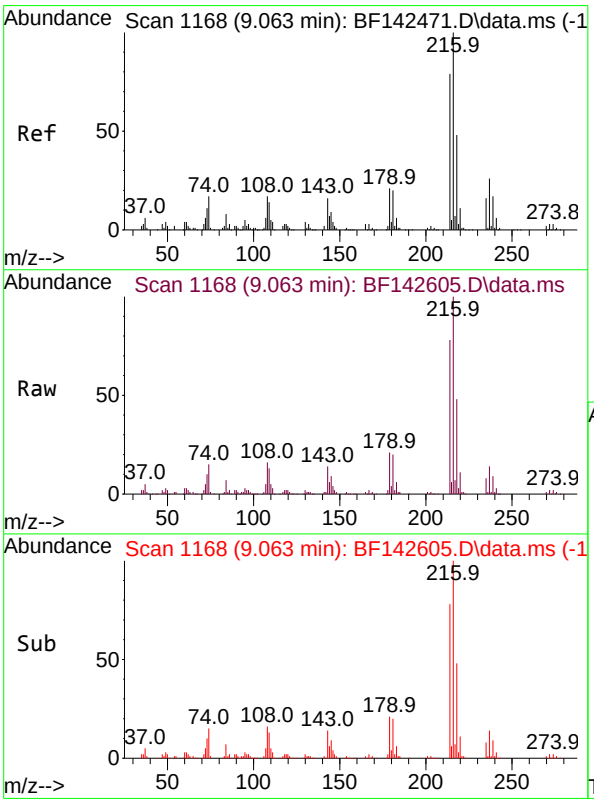
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:164 Resp: 218918

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.4
160	43.3	35.6	53.4

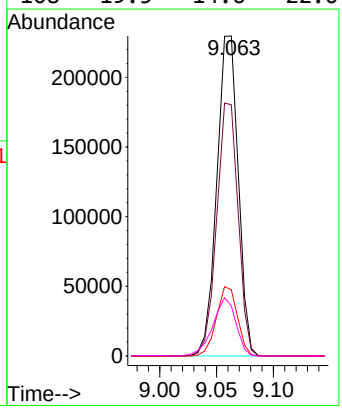


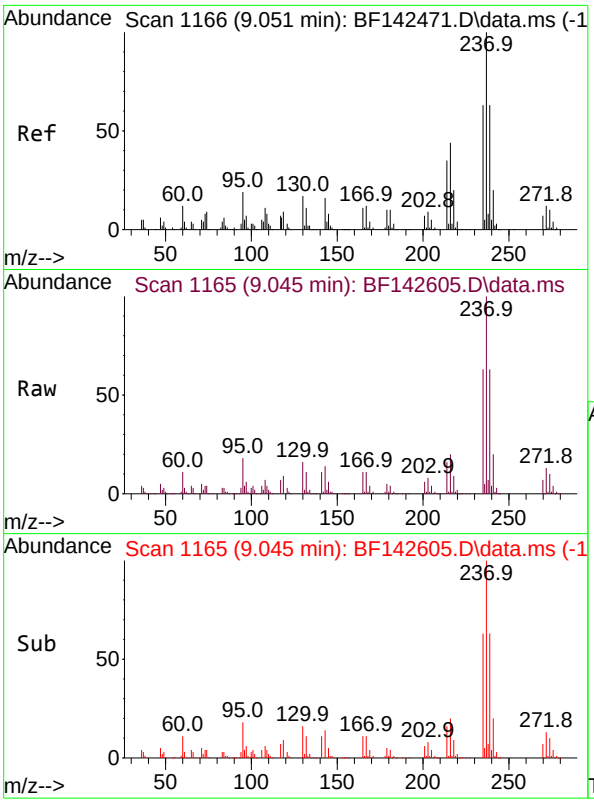


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.940 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:216 Resp: 301267

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	21.2	16.9	25.3
108	19.5	14.6	22.0



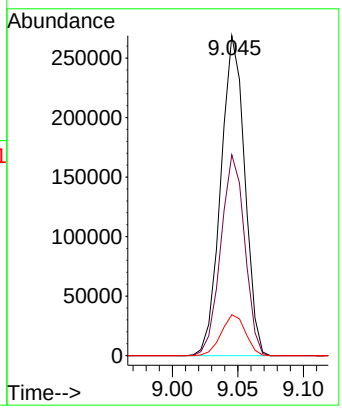


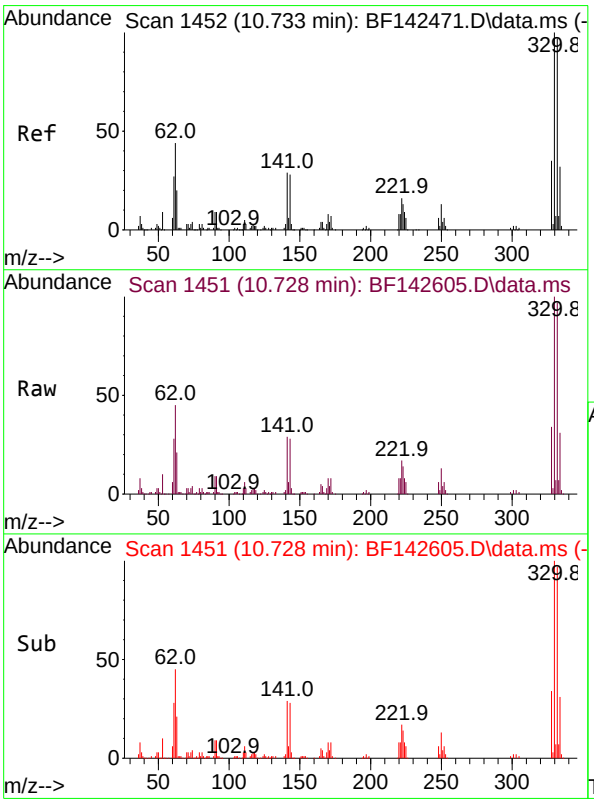
#41
Hexachlorocyclopentadiene
Concen: 80.712 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:237 Resp: 342158

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.3	83.3
272	12.8	0.0	32.4

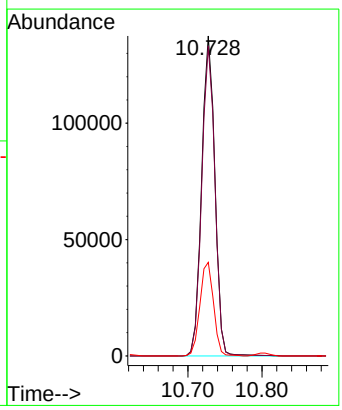


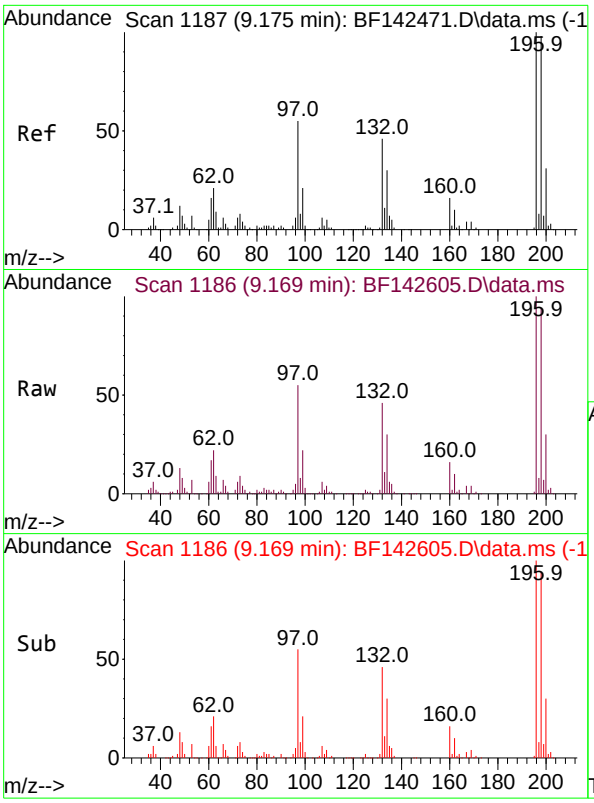


#42
2,4,6-Tribromophenol
Concen: 69.826 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:330 Resp: 169656

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	30.1	24.6	36.8



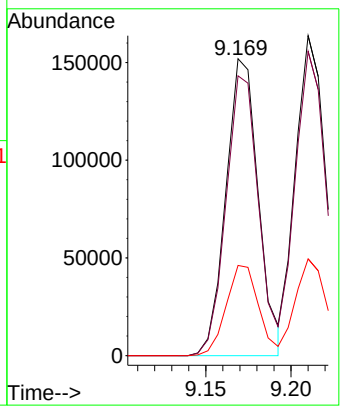


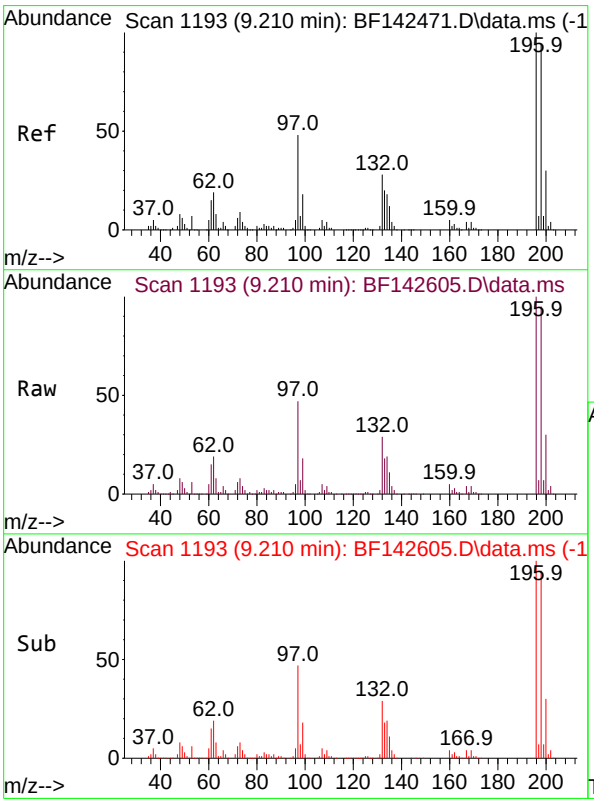
#43
2,4,6-Trichlorophenol
Concen: 47.400 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:196 Resp: 200860

Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.8	118.2
200	30.4	24.9	37.3

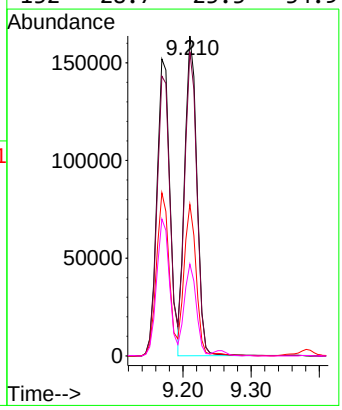


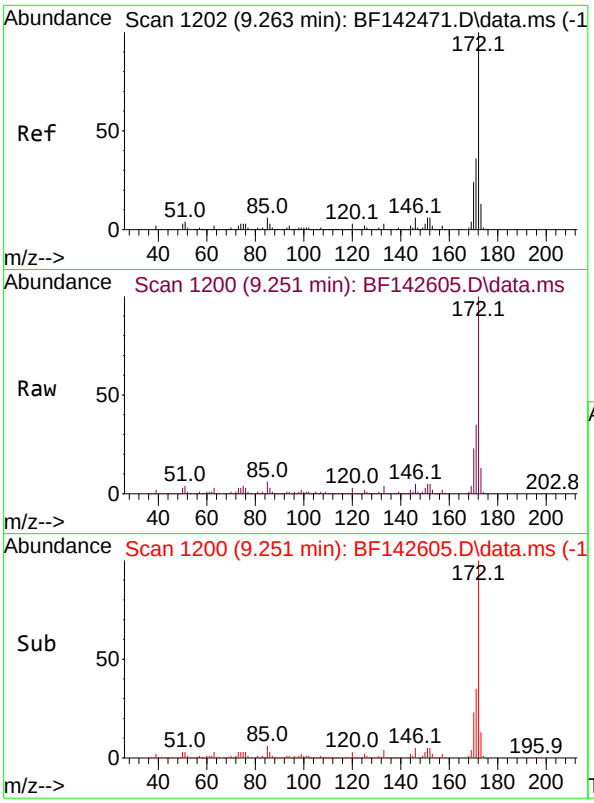


#44
2,4,5-Trichlorophenol
Concen: 45.596 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:196 Resp: 203775

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.5	113.3
97	47.3	39.3	58.9
132	28.7	23.3	34.9



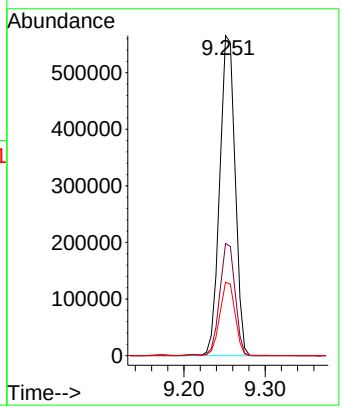


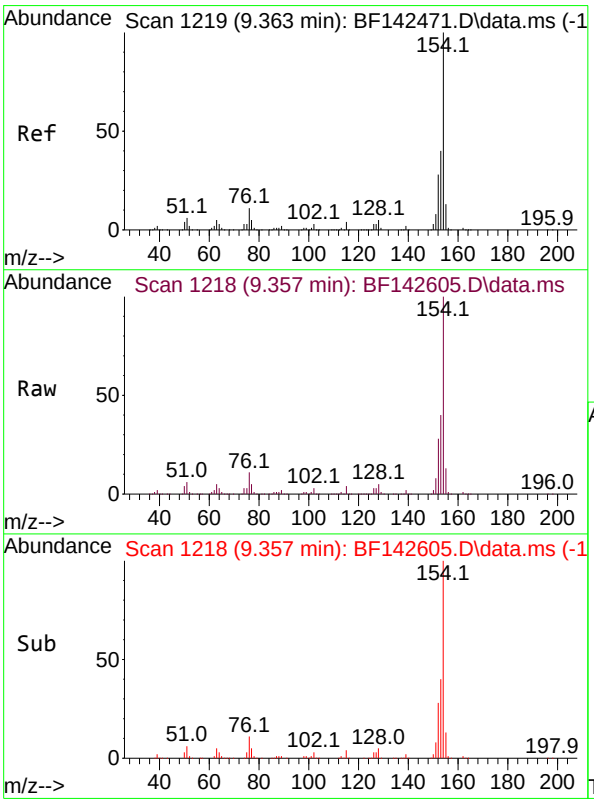
#45
2-Fluorobiphenyl
Concen: 45.522 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:172 Resp: 742665

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.9	18.9	28.3

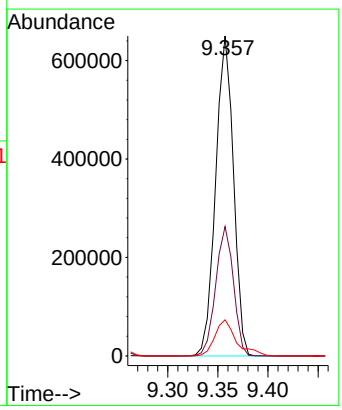


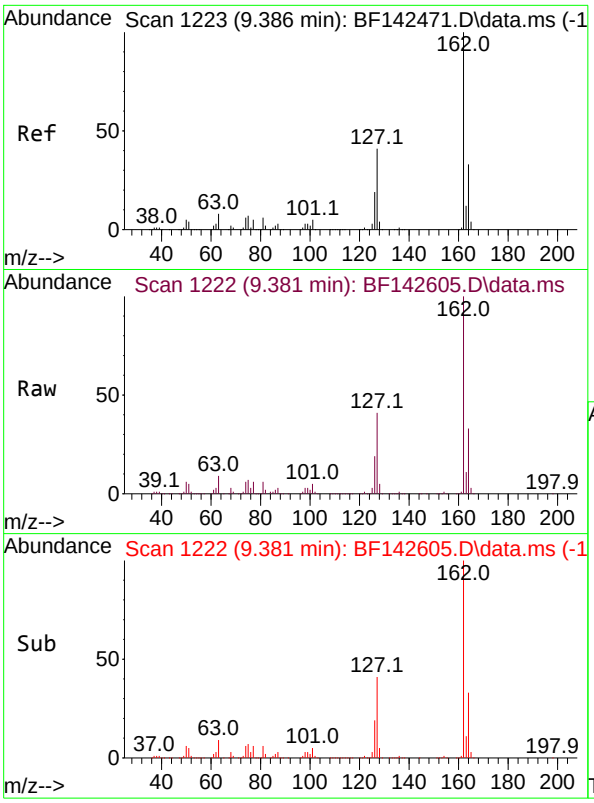


#46
1,1'-Biphenyl
Concen: 47.376 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:154 Resp: 804636

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	11.3	0.0	30.8



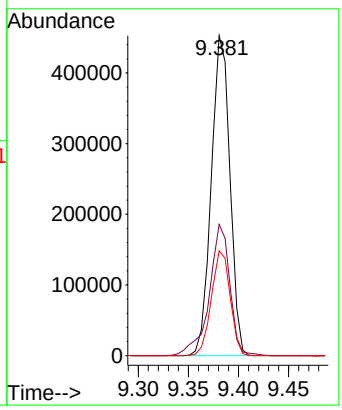


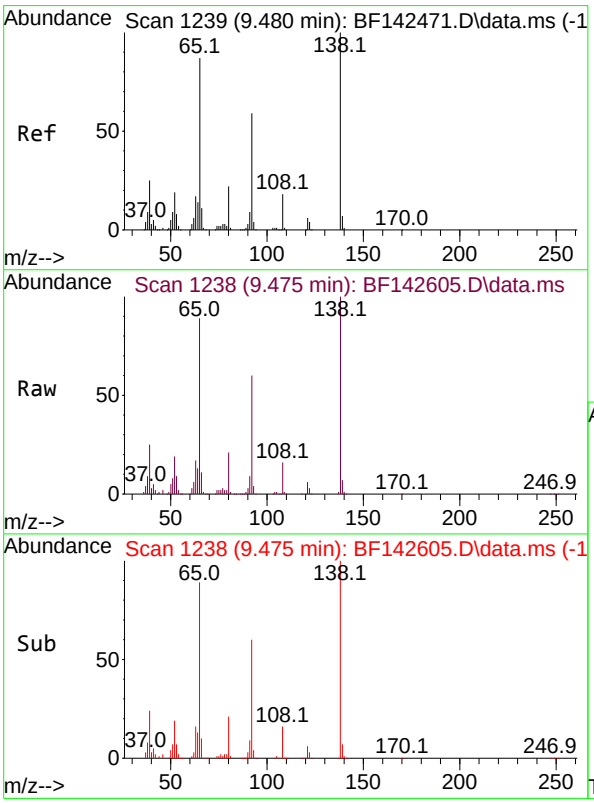
#47
2-Chloronaphthalene
Concen: 46.693 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:162 Resp: 585929

Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.5	50.3
164	32.7	26.1	39.1

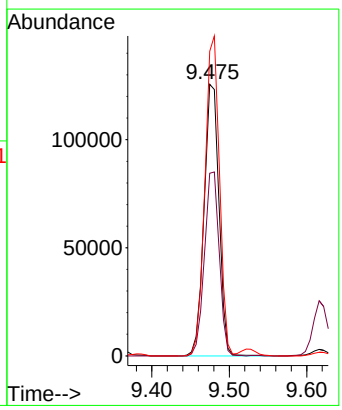


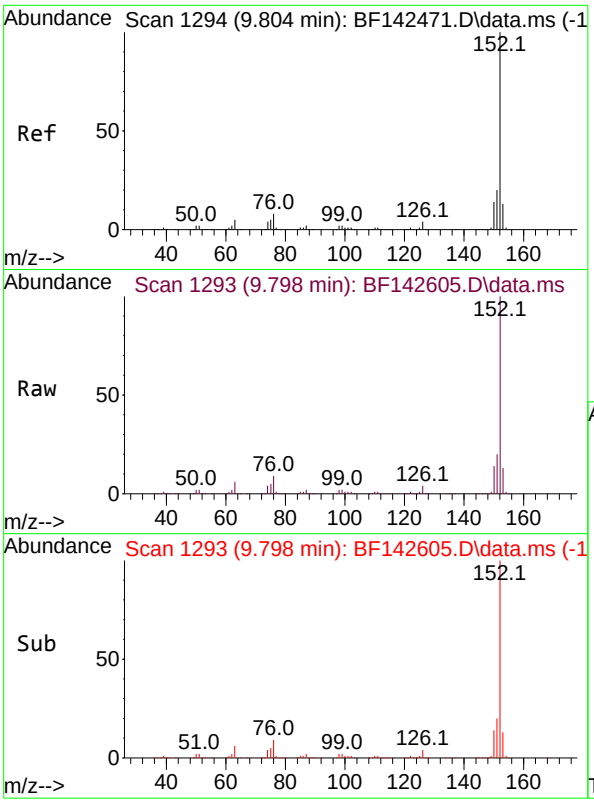


#48
2-Nitroaniline
Concen: 46.213 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 65 Resp: 167615

Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.4	81.6
138	112.1	91.4	137.2



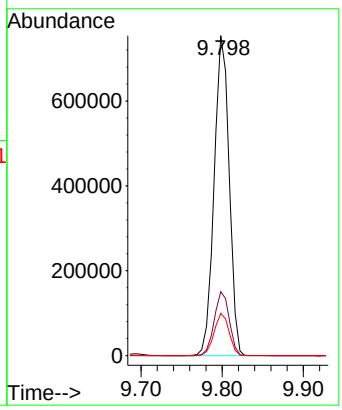


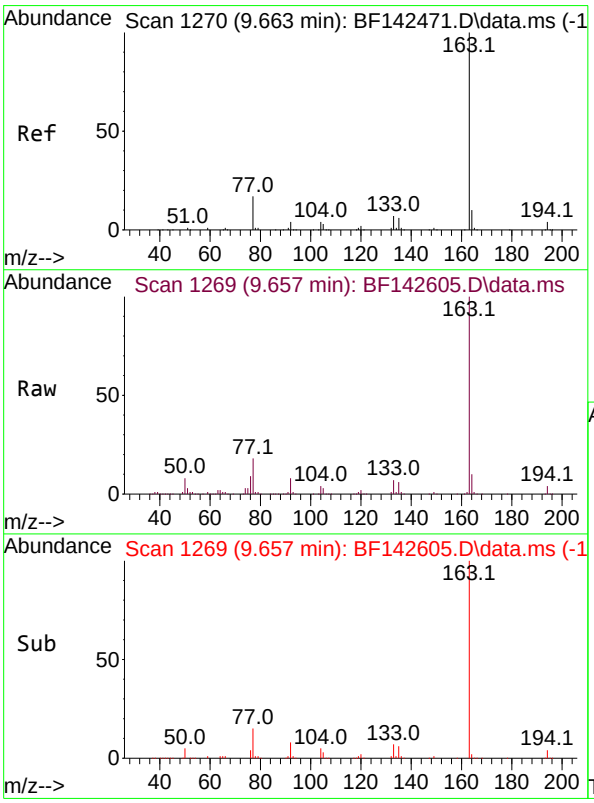
#49
Acenaphthylene
Concen: 45.726 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:152 Resp: 968879

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	15.8

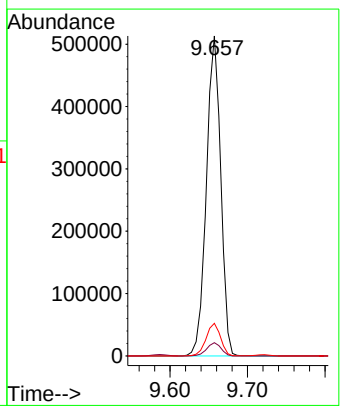


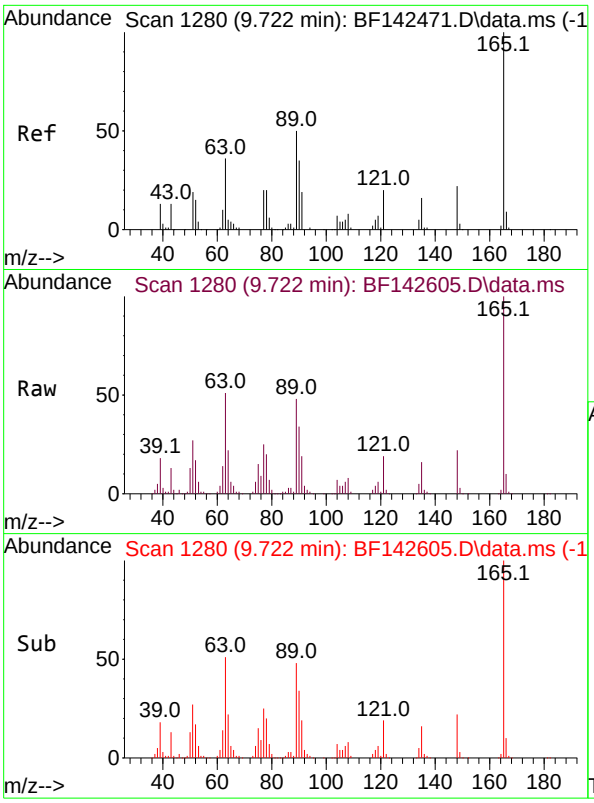


#50
Dimethylphthalate
Concen: 45.608 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:163 Resp: 658805

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.4



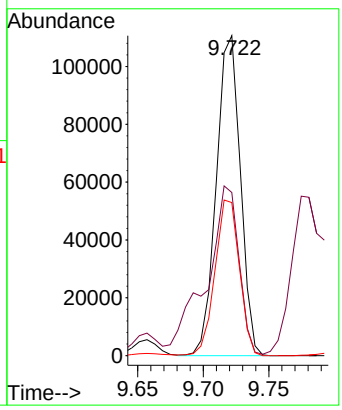


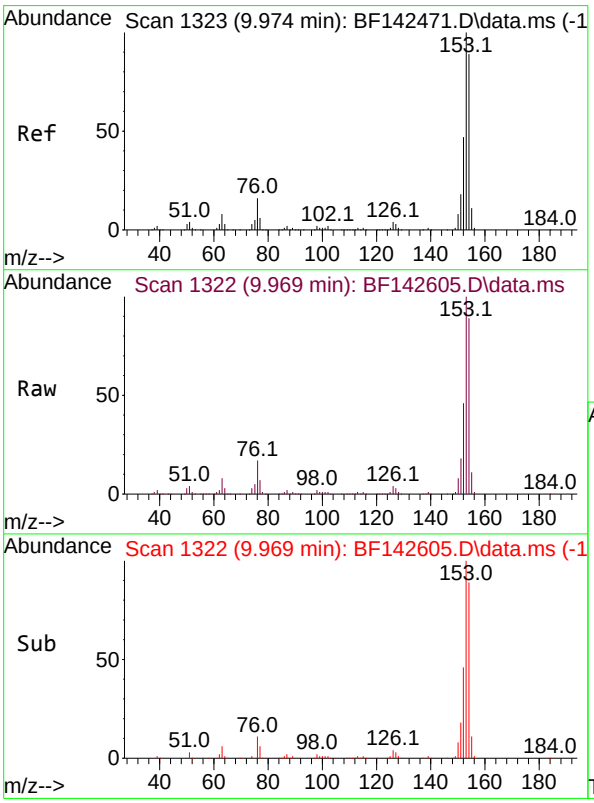
#51
2,6-Dinitrotoluene
Concen: 45.371 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:165 Resp: 141451

Ion	Ratio	Lower	Upper
165	100		
63	51.0	42.9	64.3
89	47.8	40.2	60.4

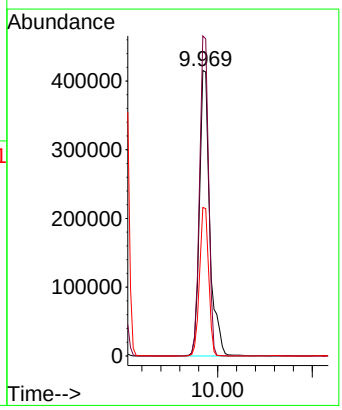


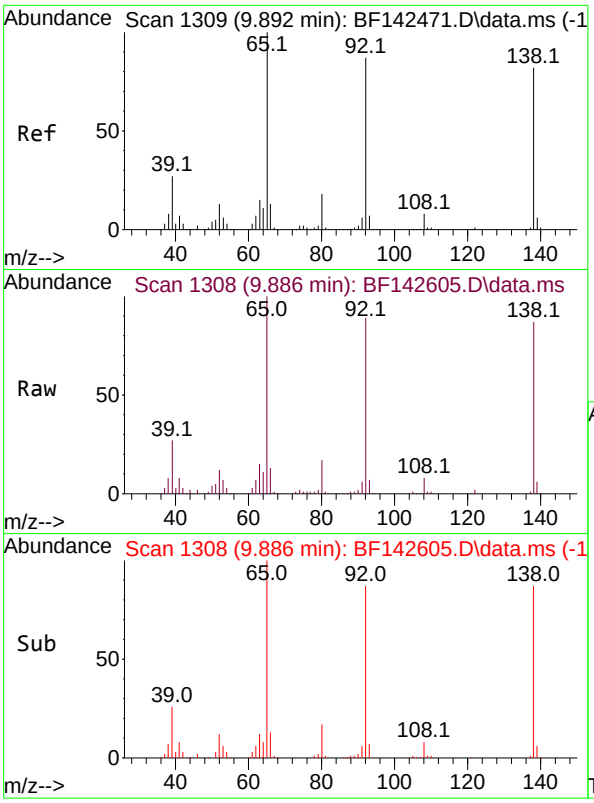


#52
Acenaphthene
Concen: 48.604 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:154 Resp: 628871

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.0	135.0
152	52.0	42.6	64.0



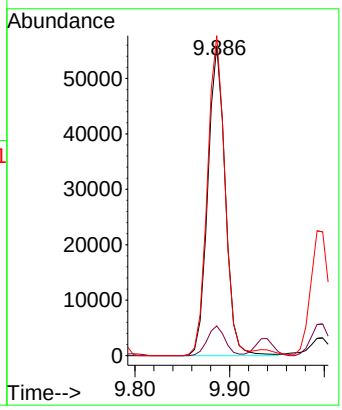


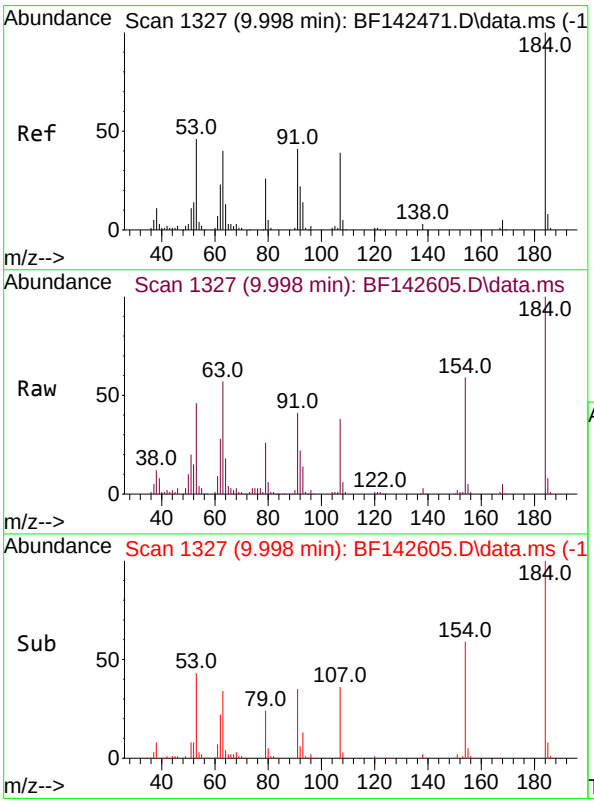
#53
3-Nitroaniline
Concen: 21.053 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:138 Resp: 71689

Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.1	12.1
92	103.3	85.2	127.8

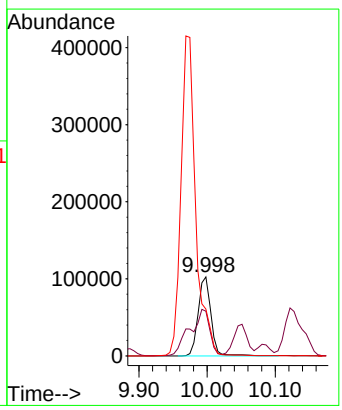


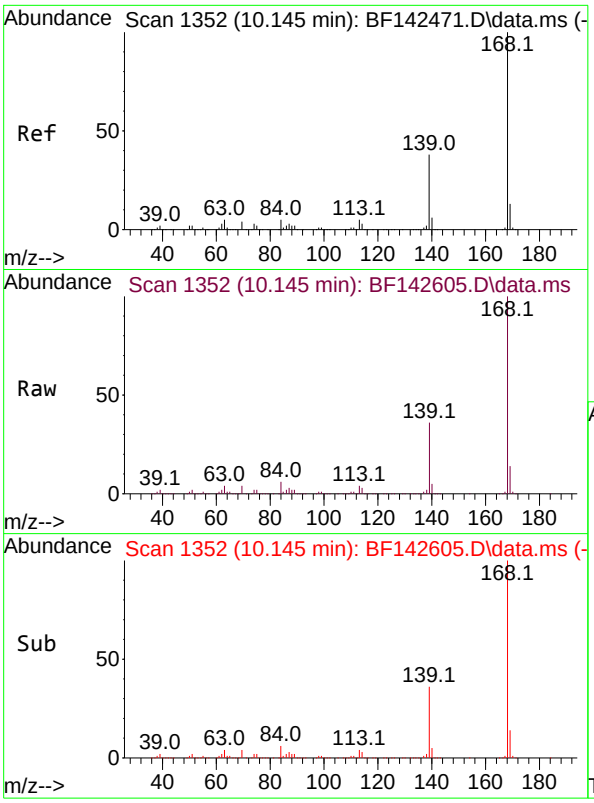


#54
2,4-Dinitrophenol
Concen: 83.183 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:184 Resp: 133984

Ion	Ratio	Lower	Upper
184	100		
63	56.6	46.3	69.5
154	59.2	56.8	85.2



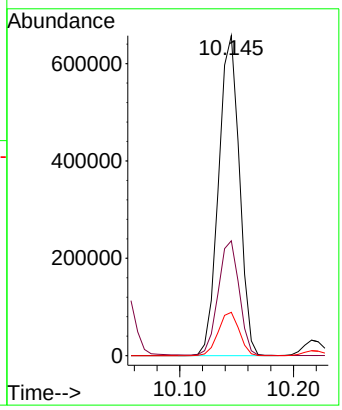


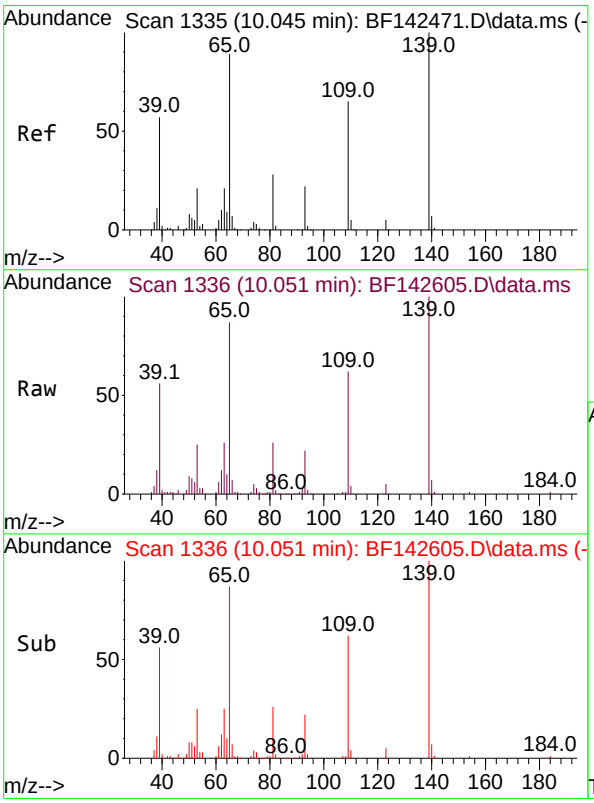
#55
Dibenzofuran
Concen: 44.916 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:168 Resp: 836285

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.2	45.2
169	13.5	10.7	16.1

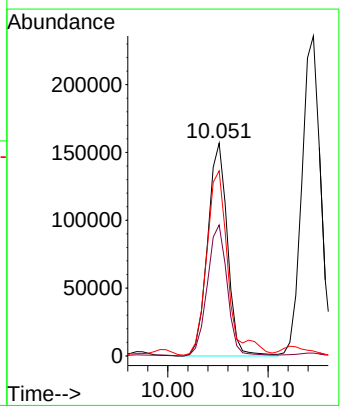


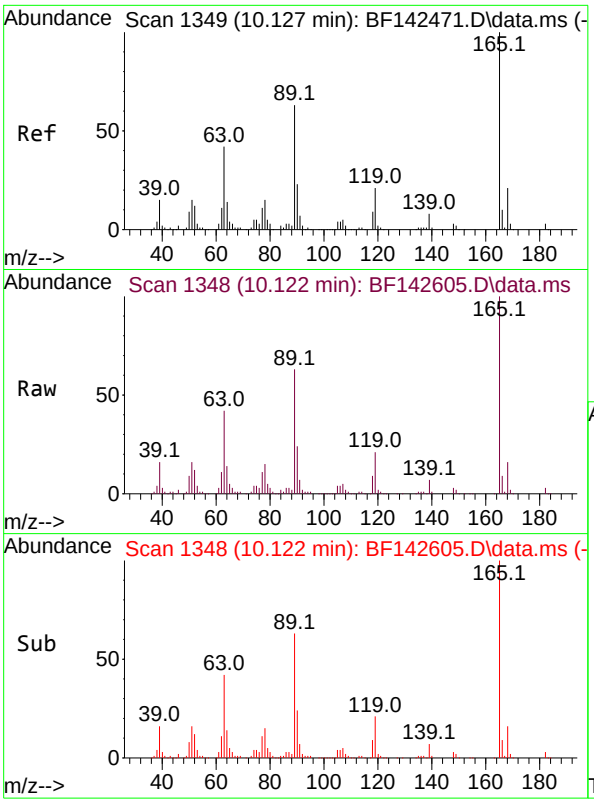


#56
4-Nitrophenol
Concen: 85.412 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:139 Resp: 214603

Ion	Ratio	Lower	Upper
139	100		
109	61.6	45.1	85.1
65	87.0	69.7	109.7



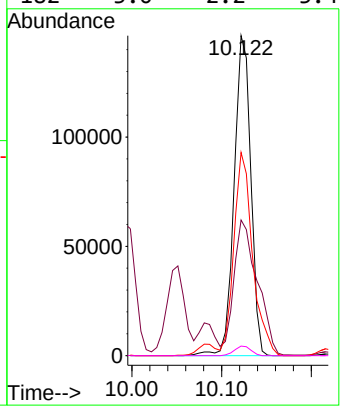


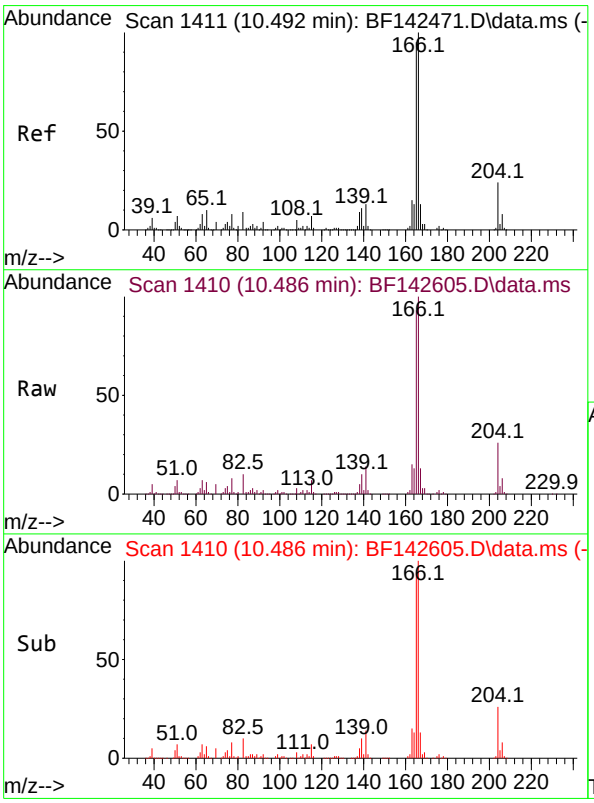
#57
2,4-Dinitrotoluene
Concen: 46.454 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:165 Resp: 189139

Ion	Ratio	Lower	Upper
165	100		
63	42.4	33.6	50.4
89	63.5	50.2	75.4
182	3.0	2.2	3.4

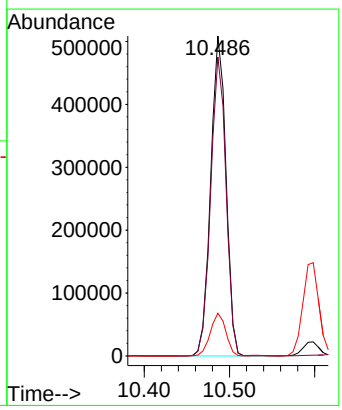


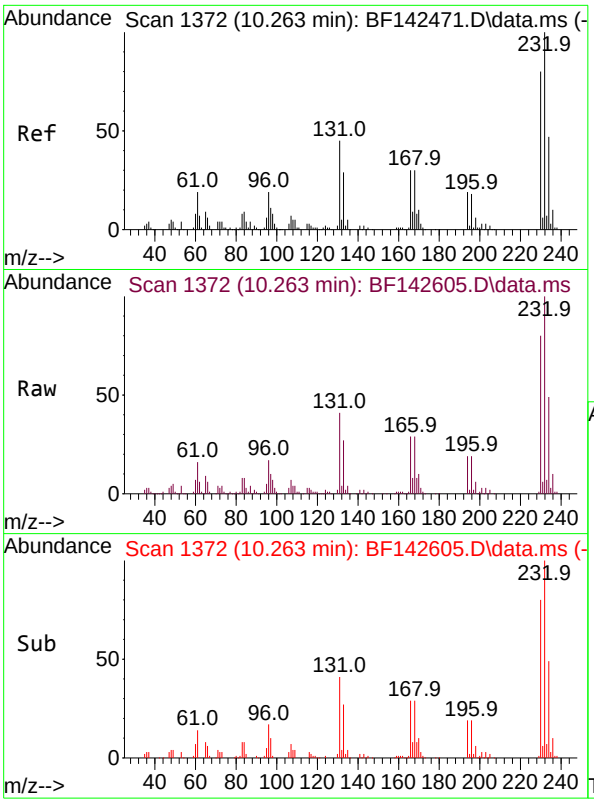


#58
Fluorene
Concen: 44.103 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:166 Resp: 634376

Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.8	113.8
167	13.3	10.6	16.0



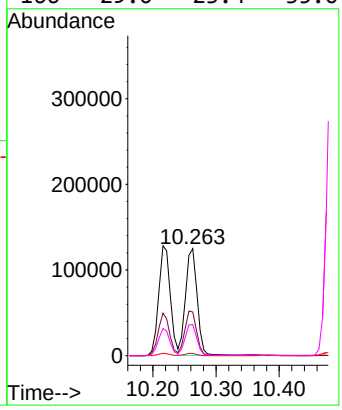


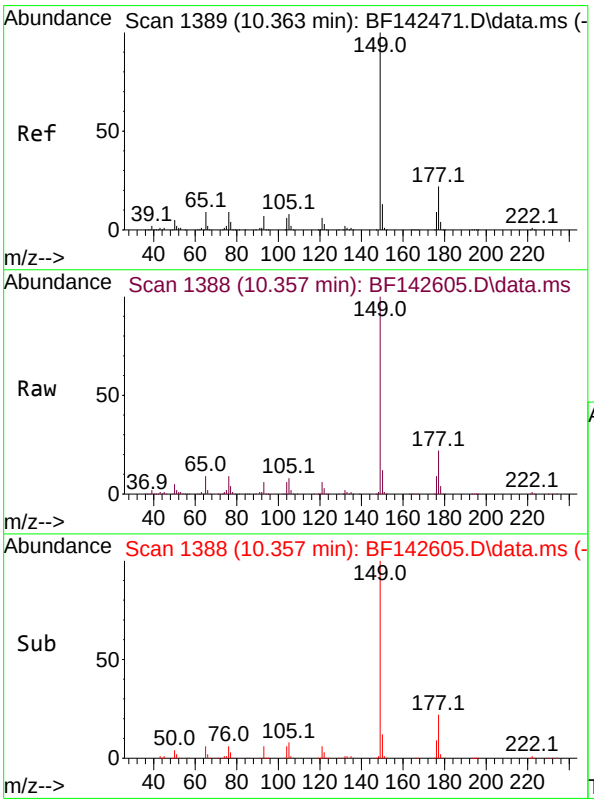
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.958 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:232 Resp: 160270

Ion	Ratio	Lower	Upper
232	100		
131	42.1	35.2	52.8
130	2.0	1.7	2.5
166	29.0	23.4	35.0

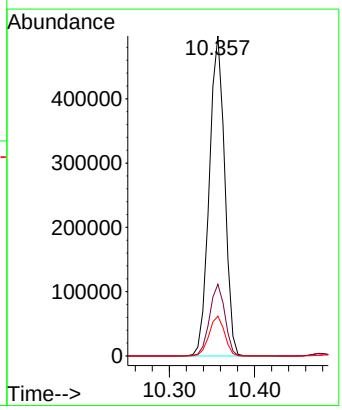


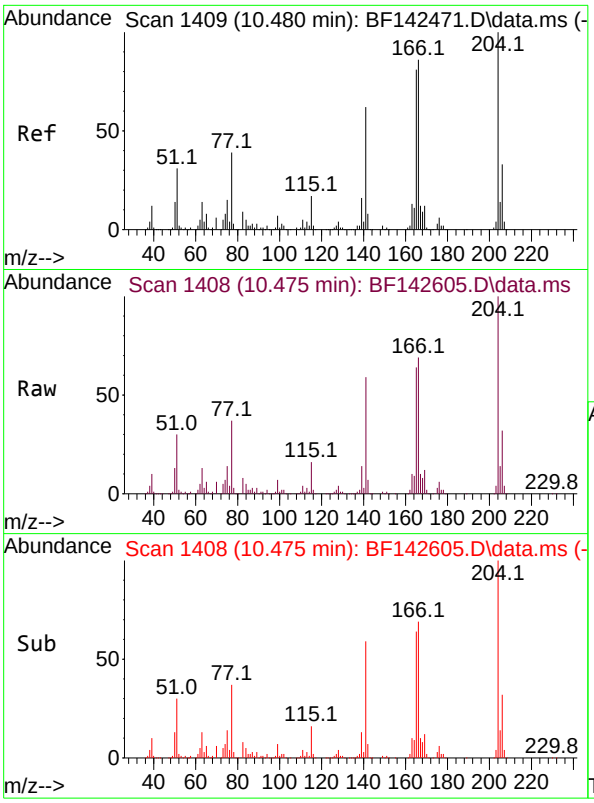


#60
Diethylphthalate
Concen: 44.174 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 623187

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.4	10.1	15.1



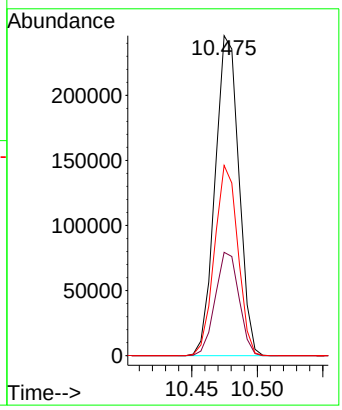


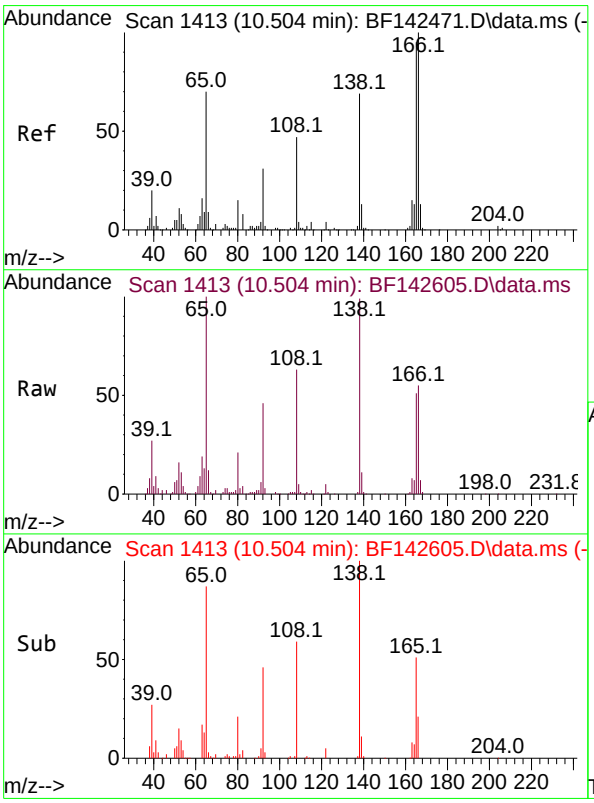
#61
4-Chlorophenyl-phenylether
Concen: 44.018 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:204 Resp: 311030

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	59.4	49.5	74.3

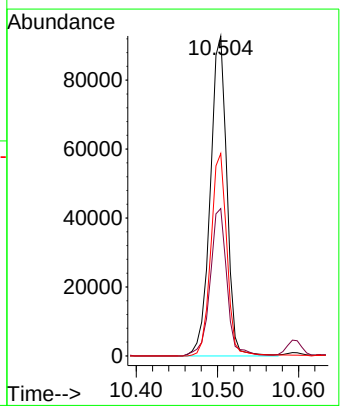


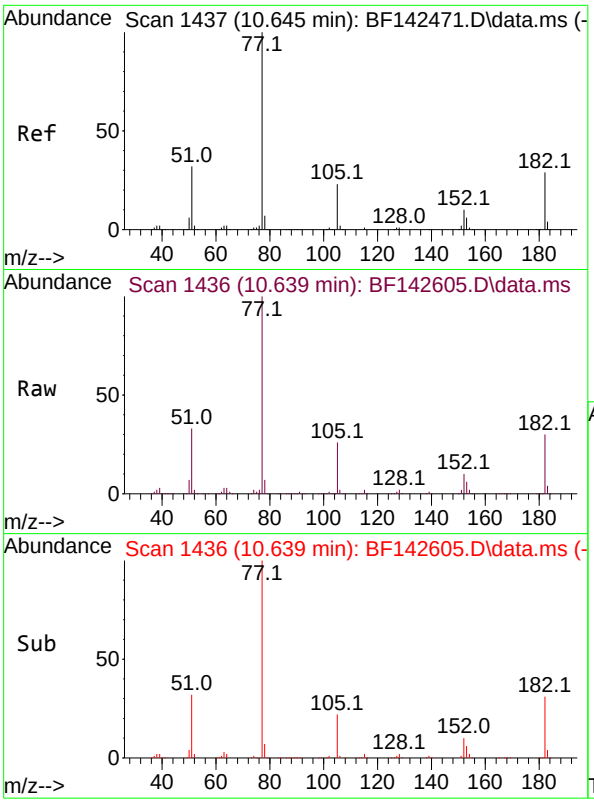


#62
4-Nitroaniline
Concen: 42.636 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:138 Resp: 131676

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	63.2	48.4	88.4



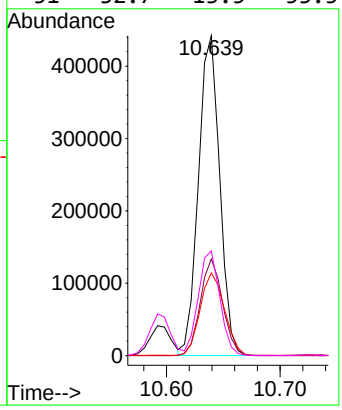


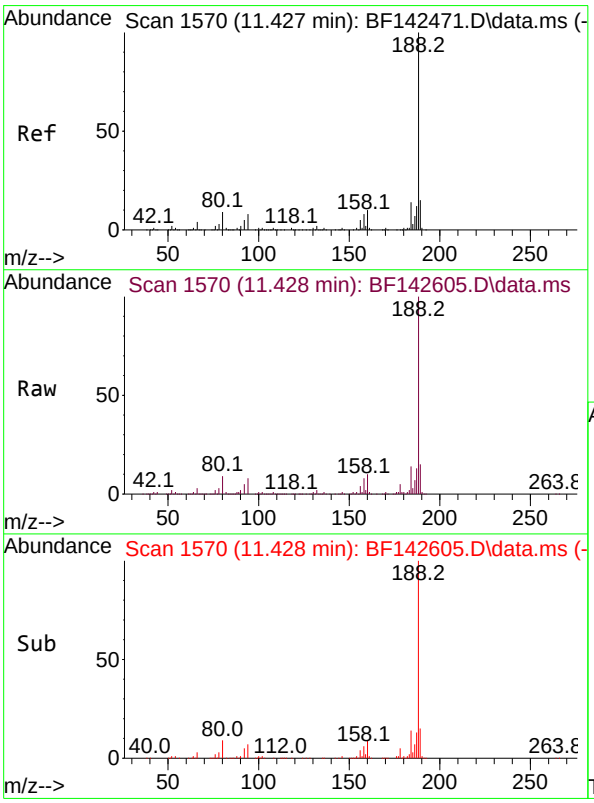
#63
Azobenzene
Concen: 45.330 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion: 77 Resp: 574383

Ion	Ratio	Lower	Upper
77	100		
182	30.2	9.0	49.0
105	25.8	2.4	42.4
51	32.7	13.5	53.5

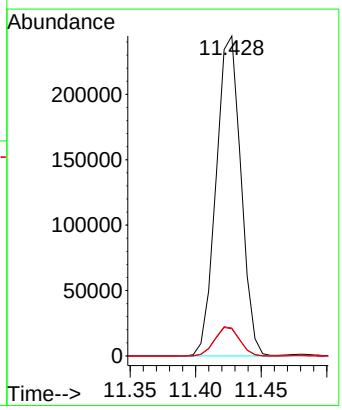


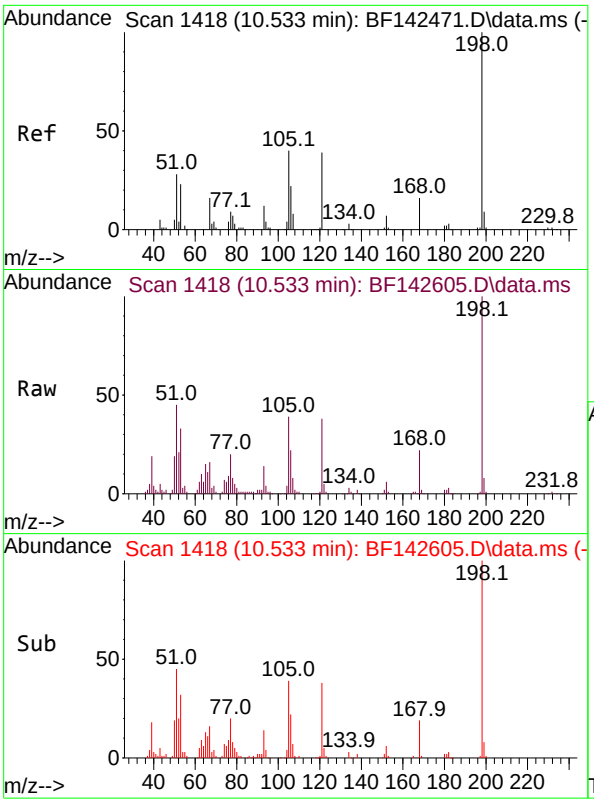


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:188 Resp: 322457

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	8.7	7.4	11.0



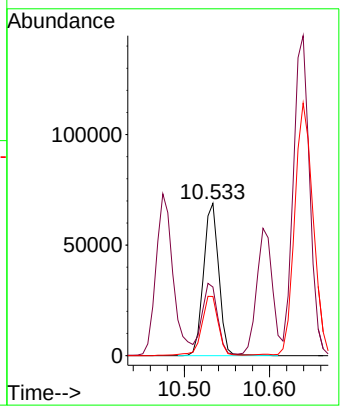


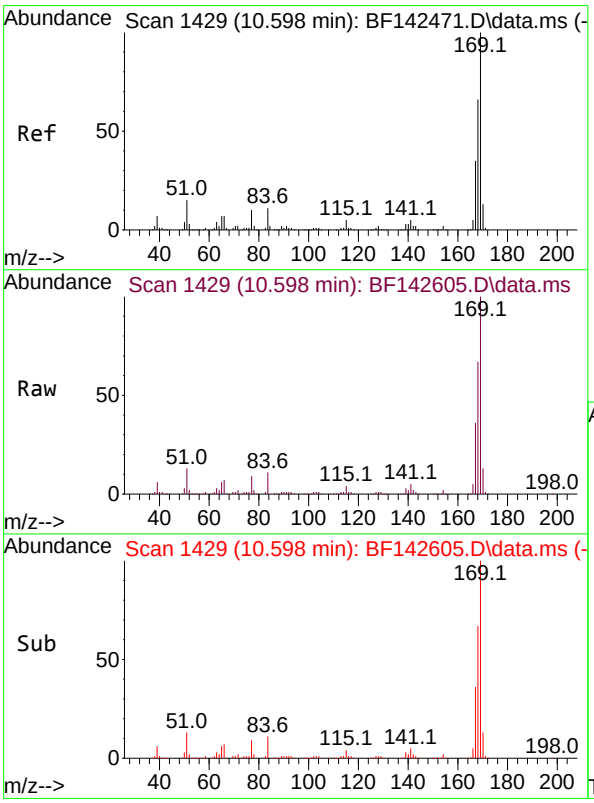
#65
4,6-Dinitro-2-methylphenol
Concen: 47.438 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:198 Resp: 85367

Ion	Ratio	Lower	Upper
198	100		
51	45.1	28.3	68.3
105	38.8	21.3	61.3

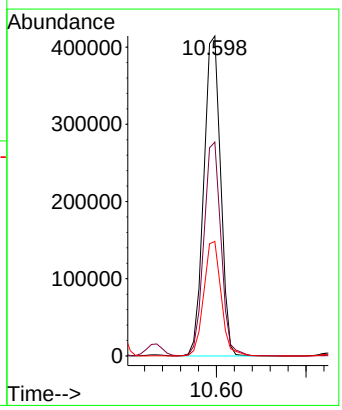


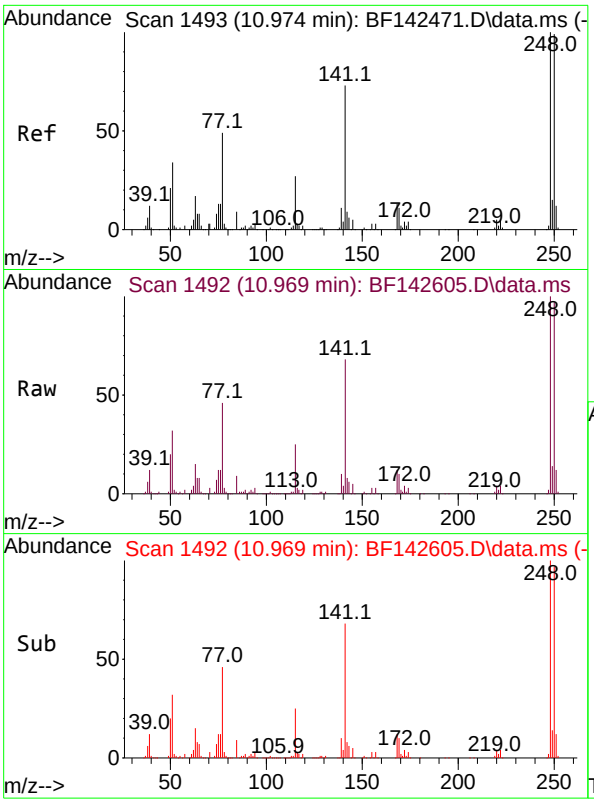


#66
n-Nitrosodiphenylamine
Concen: 48.823 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:169 Resp: 538608

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.7	79.1
167	35.8	28.3	42.5



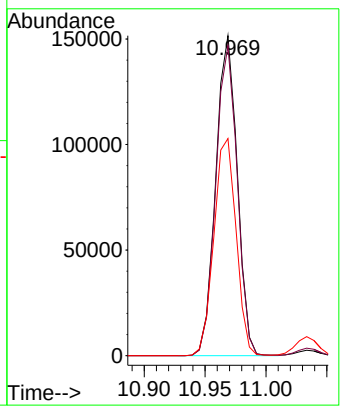


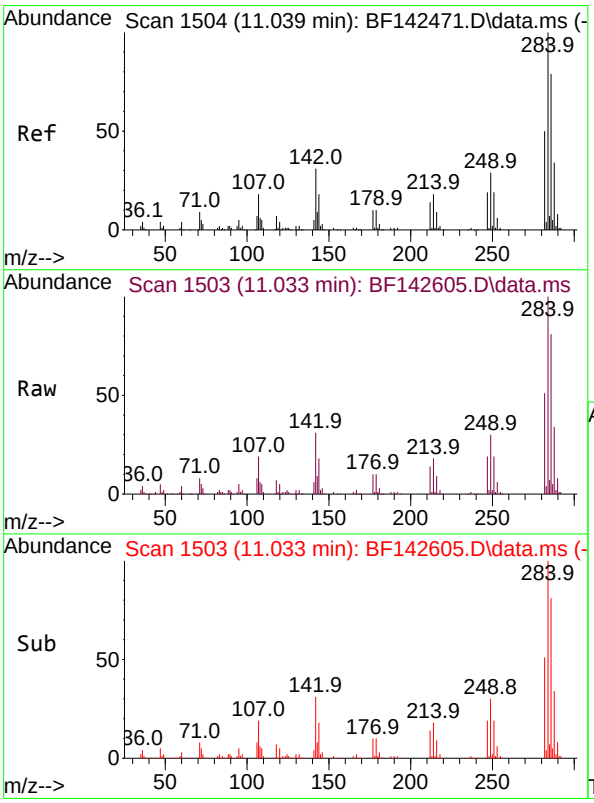
#67
4-Bromophenyl-phenylether
Concen: 48.987 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:248 Resp: 186780

Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.0	118.4
141	67.8	58.4	87.6

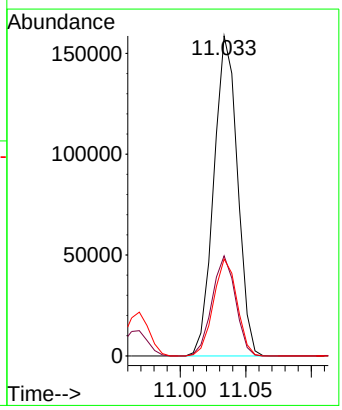


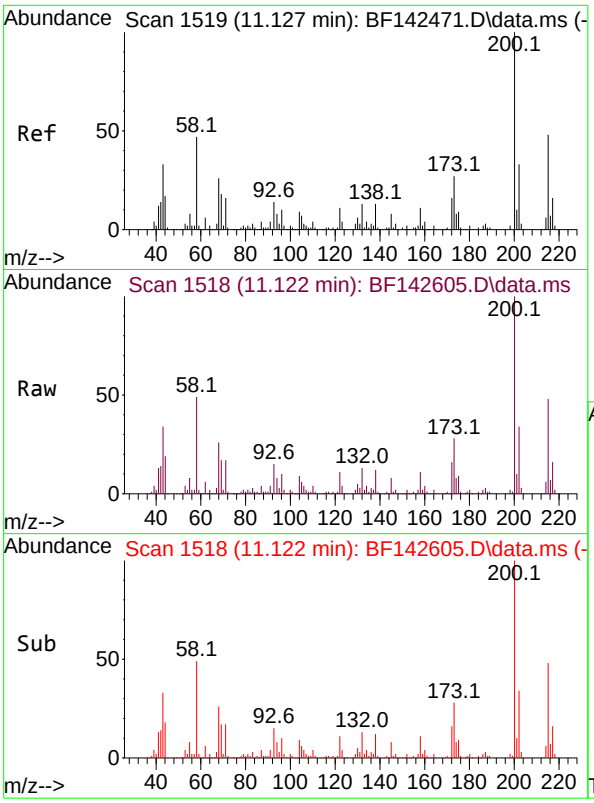


#68
Hexachlorobenzene
Concen: 47.282 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:284 Resp: 199393

Ion	Ratio	Lower	Upper
284	100		
142	31.3	24.8	37.2
249	30.3	23.6	35.4



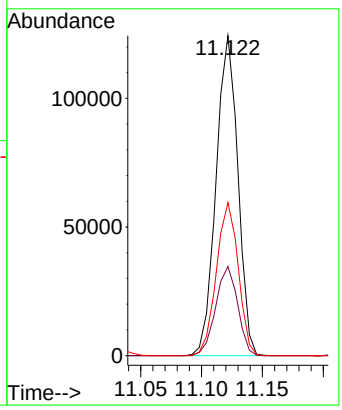


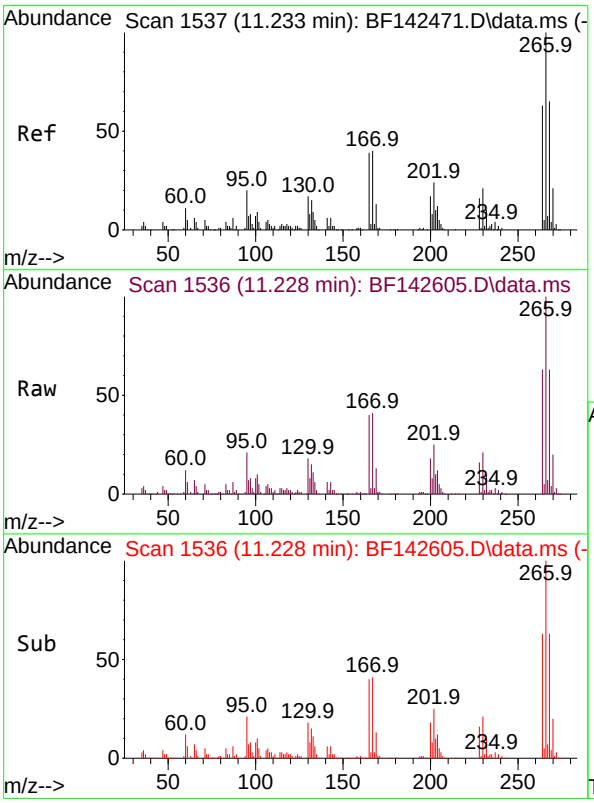
#69
Atrazine
Concen: 53.010 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:200 Resp: 155307

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	47.8	28.5	68.5

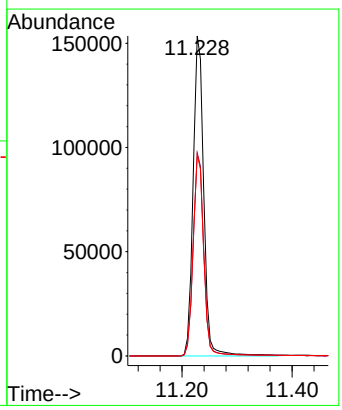


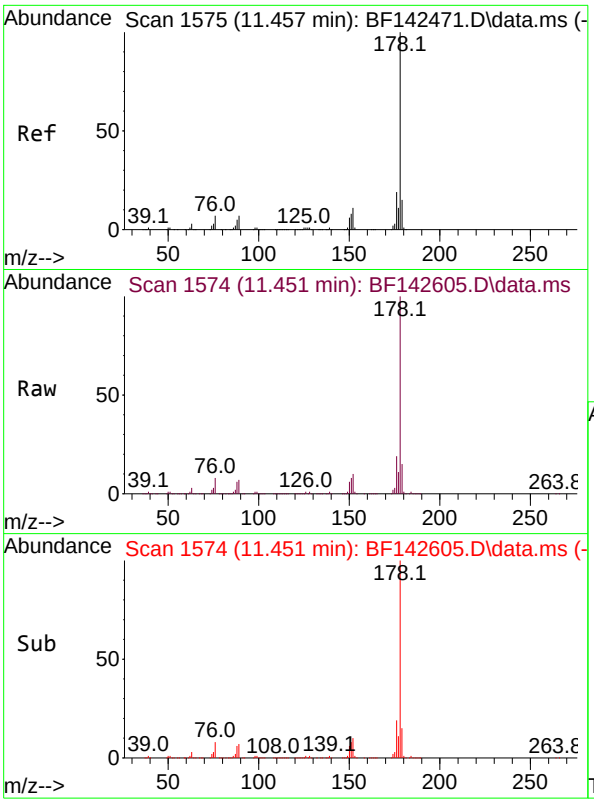


#70
Pentachlorophenol
Concen: 86.718 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:266 Resp: 206465

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.7	77.5
264	63.1	50.4	75.6



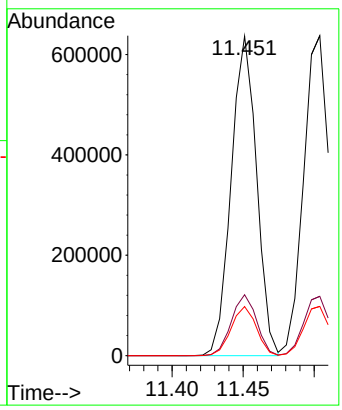


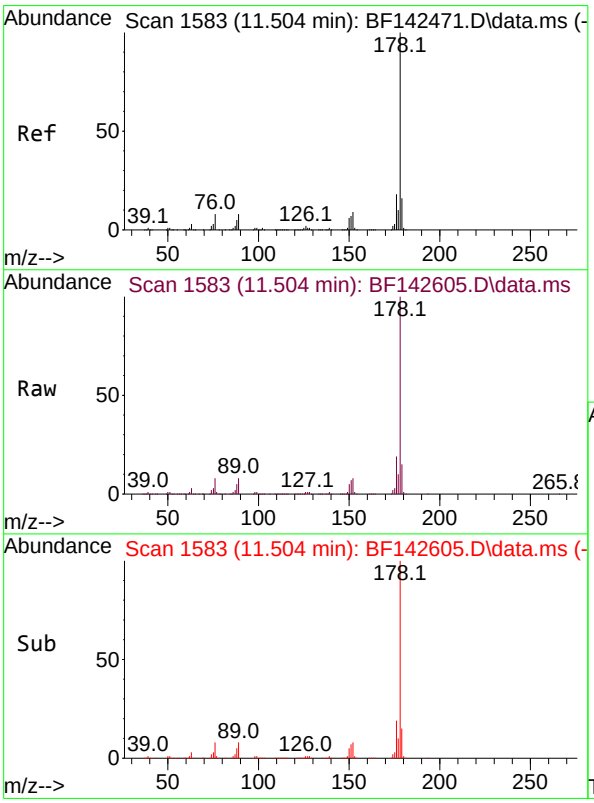
#71
Phenanthrene
Concen: 45.837 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:178 Resp: 789897

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.3	18.5

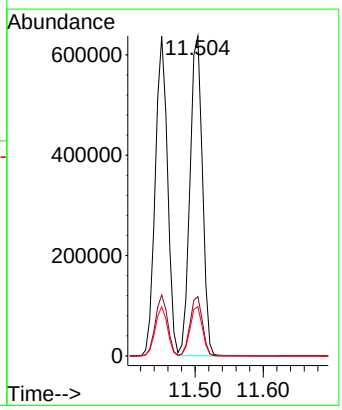


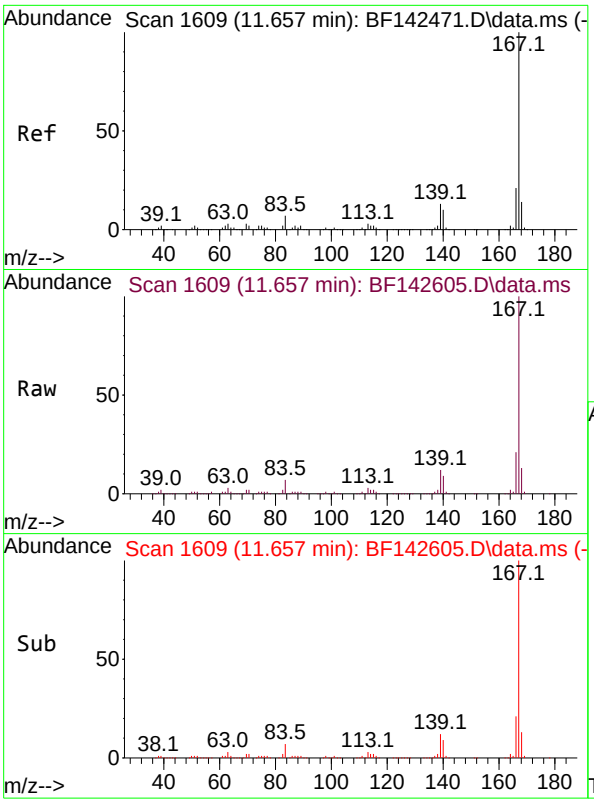


#72
Anthracene
Concen: 45.973 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:178 Resp: 808547

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.4	12.4	18.6



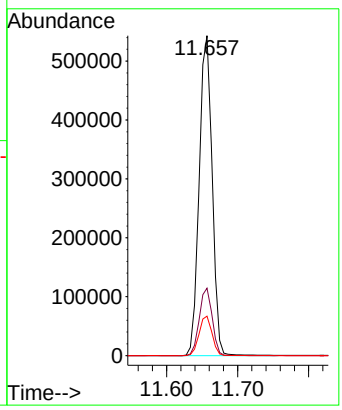


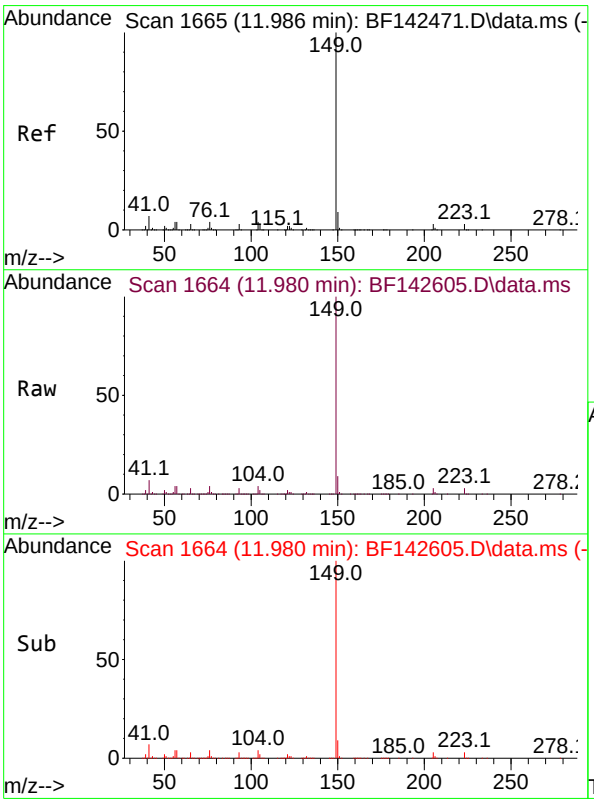
#73
Carbazole
Concen: 45.620 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:167 Resp: 685918

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.3	10.2	15.4

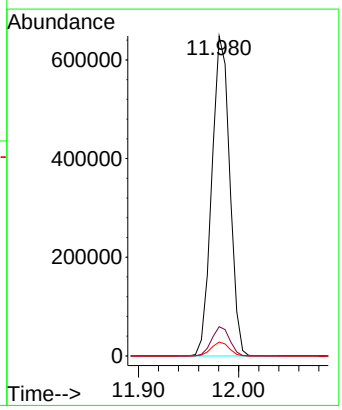


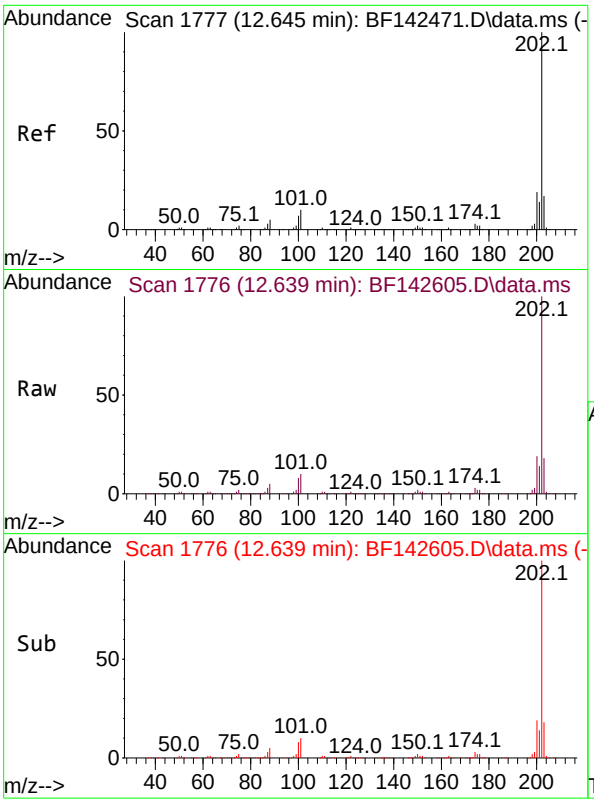


#74
Di-n-butylphthalate
Concen: 49.027 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 806869

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.3	3.6	5.4



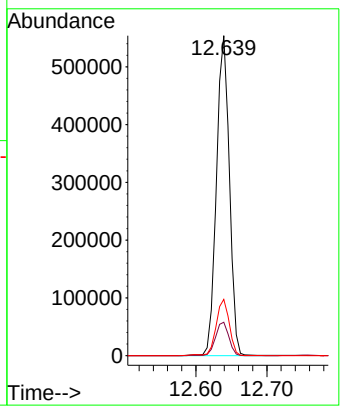


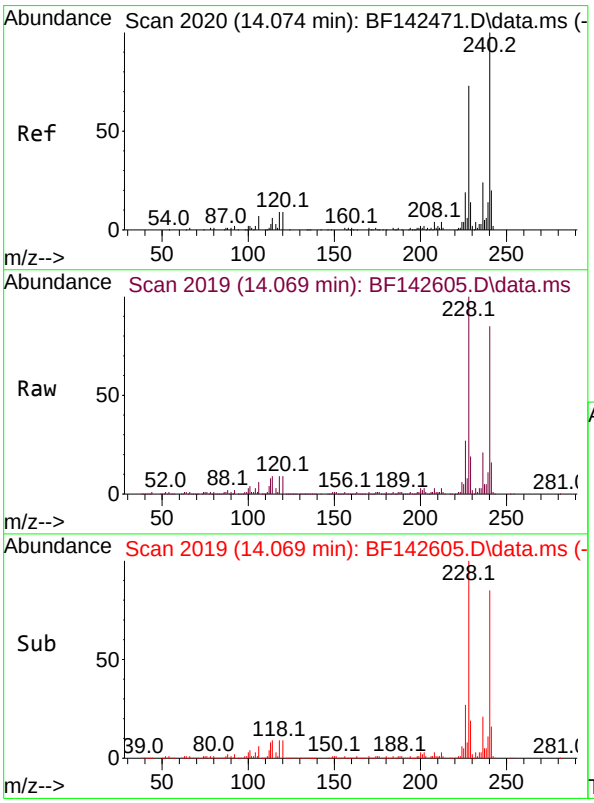
#75
Fluoranthene
Concen: 43.643 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:202 Resp: 702745

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.6
203	17.6	0.0	37.2

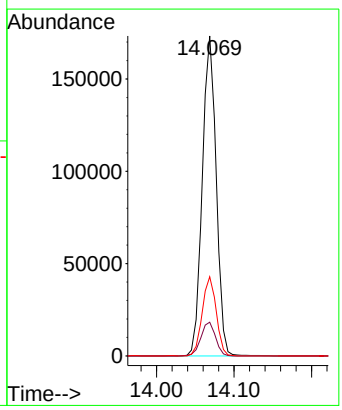


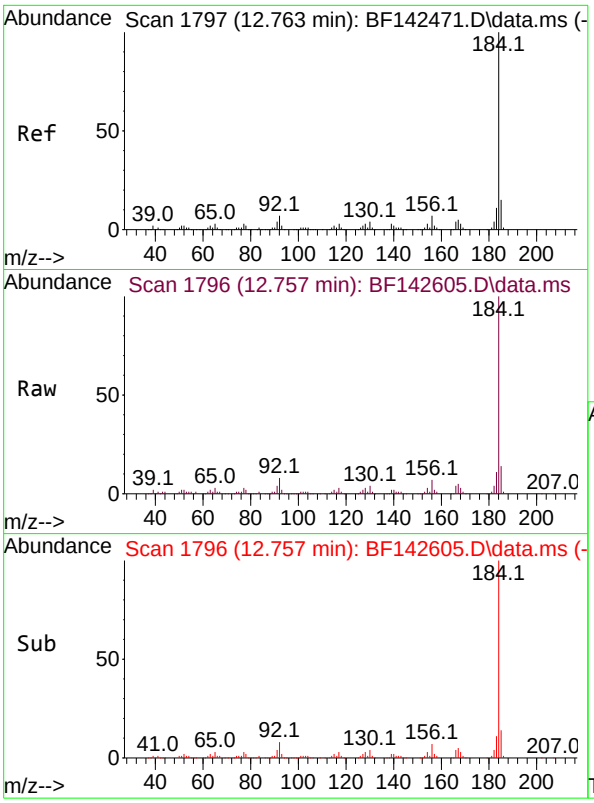


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:240 Resp: 216030

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



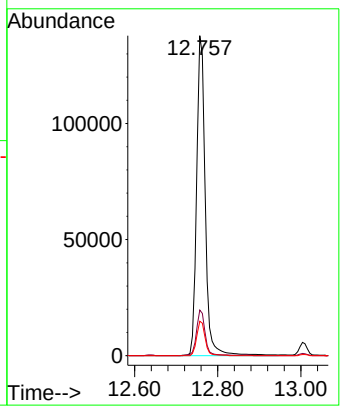


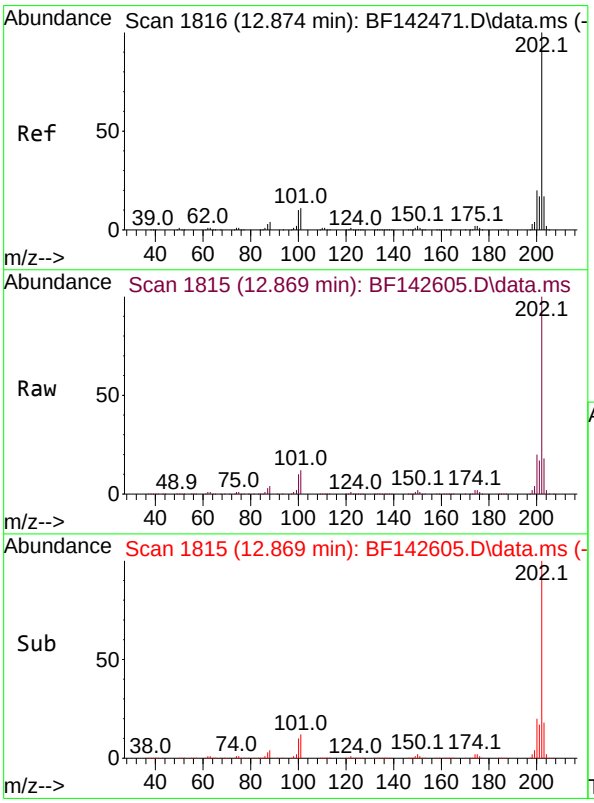
#77
Benzidine
Concen: 24.662 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:184 Resp: 198259

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	10.7	9.0	13.4

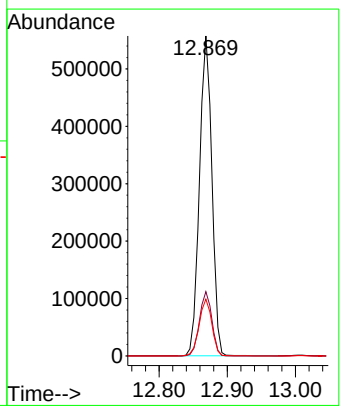


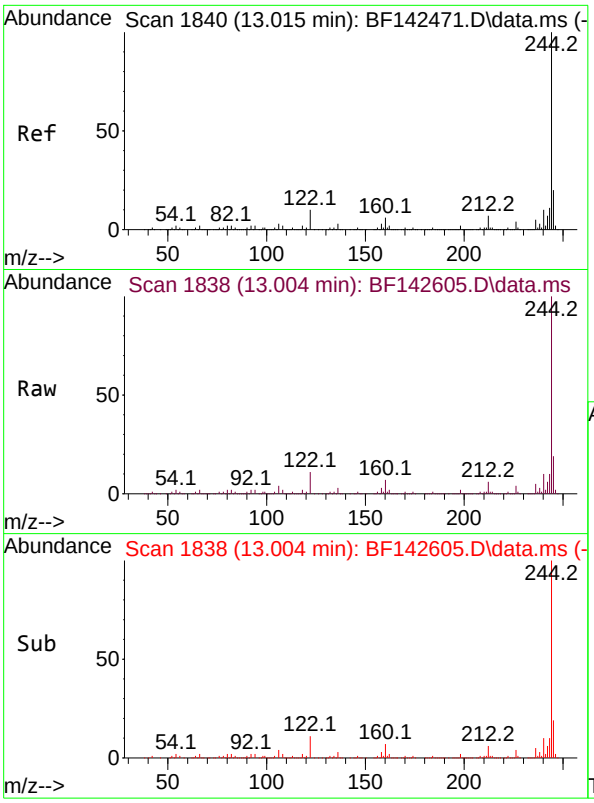


#78
Pyrene
Concen: 35.051 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:202 Resp: 706356

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.7	13.9	20.9



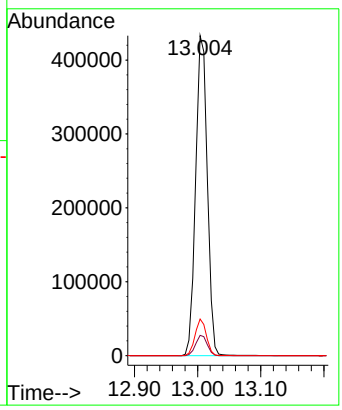


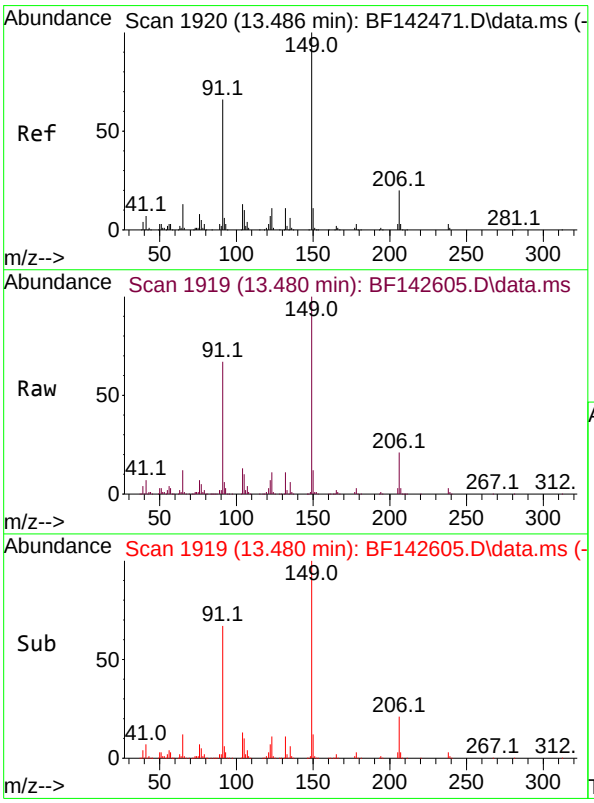
#79
Terphenyl-d14
Concen: 35.233 ng
RT: 13.004 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:244 Resp: 556976

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	11.4	8.2	12.2

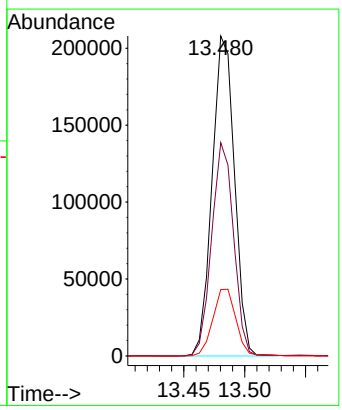


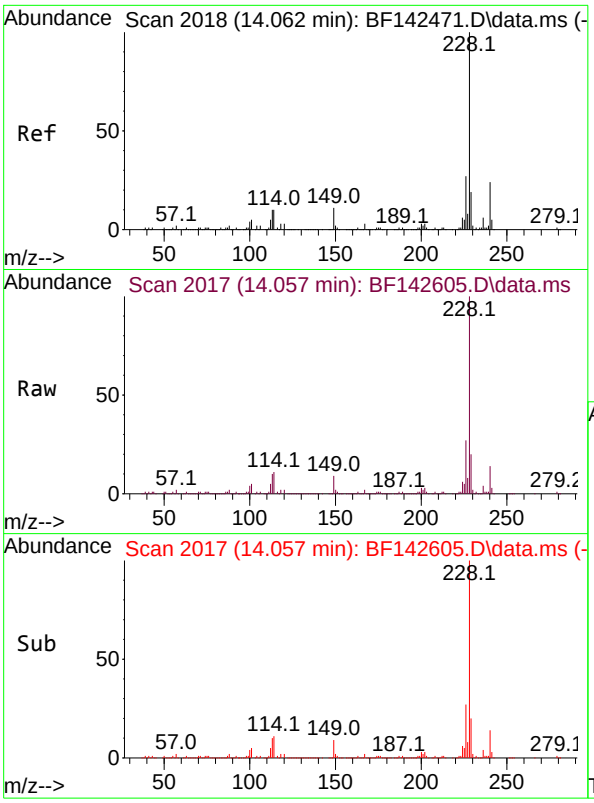


#80
Butylbenzylphthalate
Concen: 47.765 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 265980

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



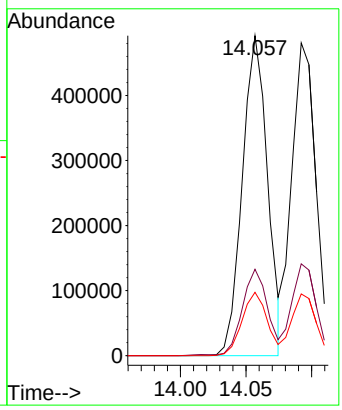


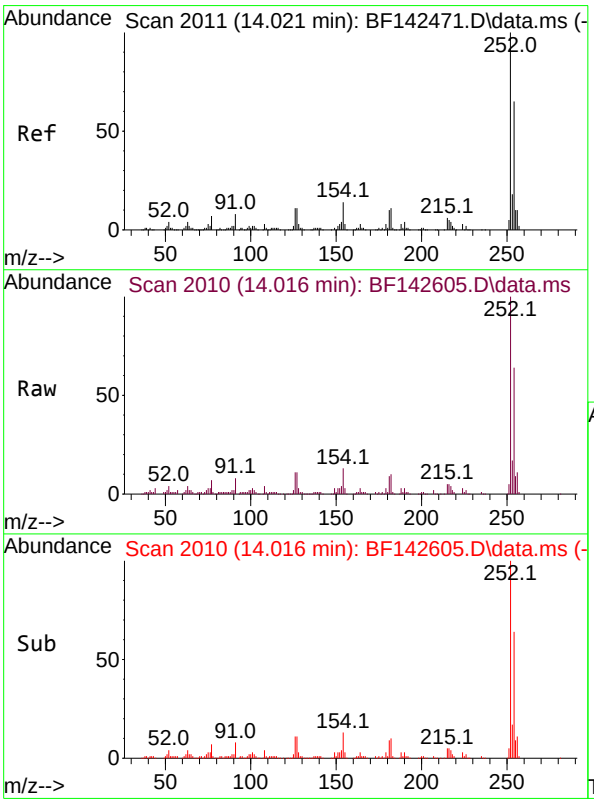
#81
Benzo(a)anthracene
Concen: 45.607 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:228 Resp: 657910

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.8	15.5	23.3

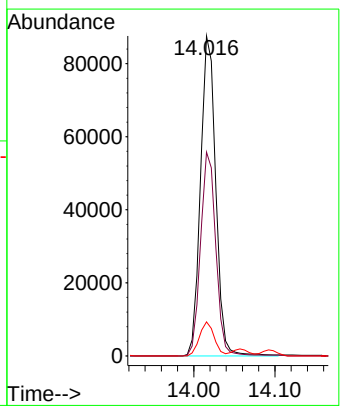


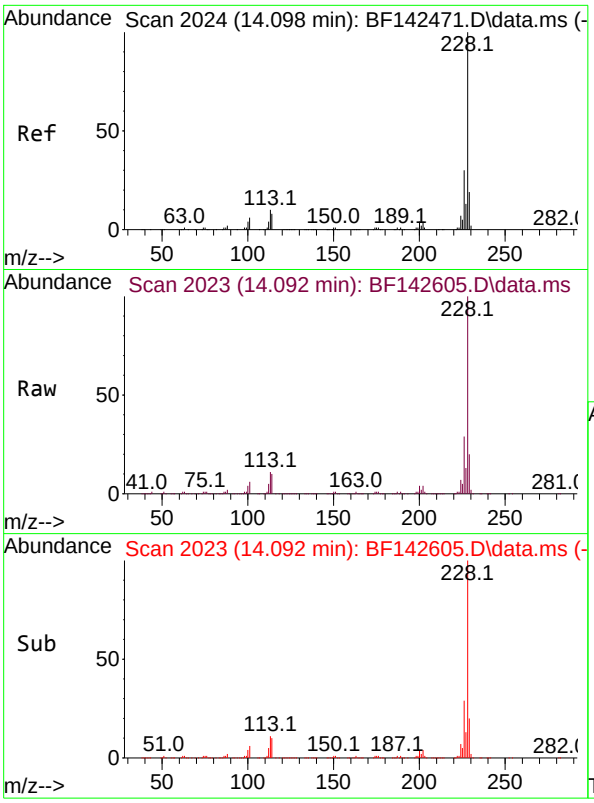


#82
3,3'-Dichlorobenzidine
Concen: 26.159 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:252 Resp: 114456

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.0	78.0
126	10.6	8.9	13.3



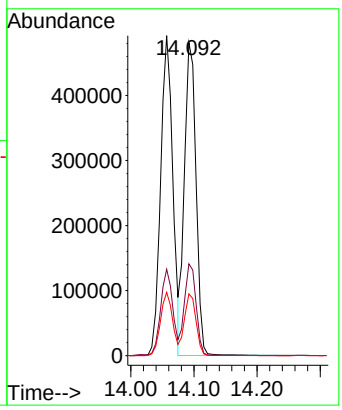


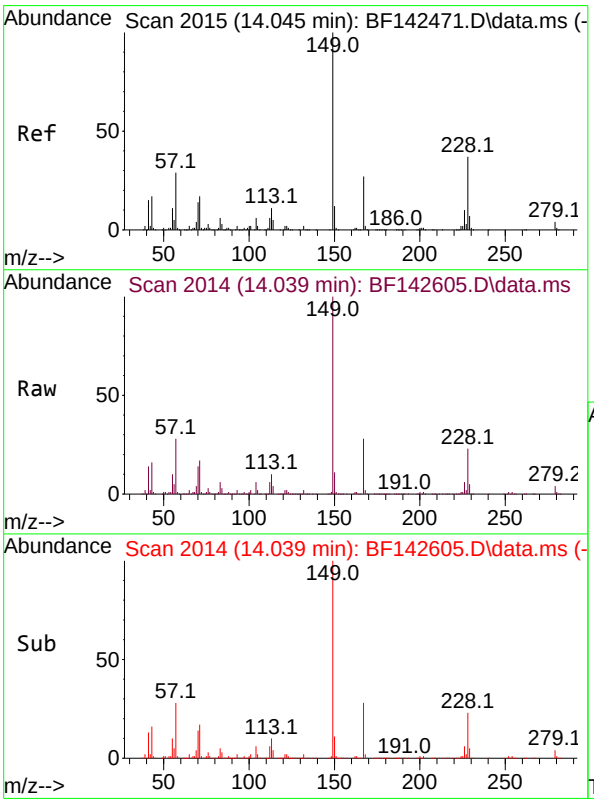
#83
Chrysene
Concen: 47.597 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:228 Resp: 616958

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.7	15.4	23.2

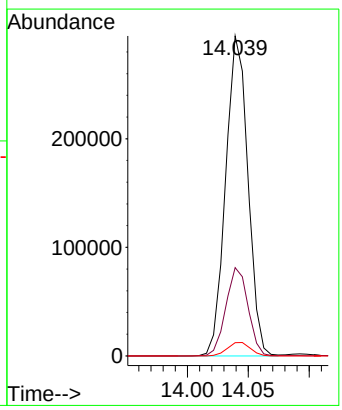


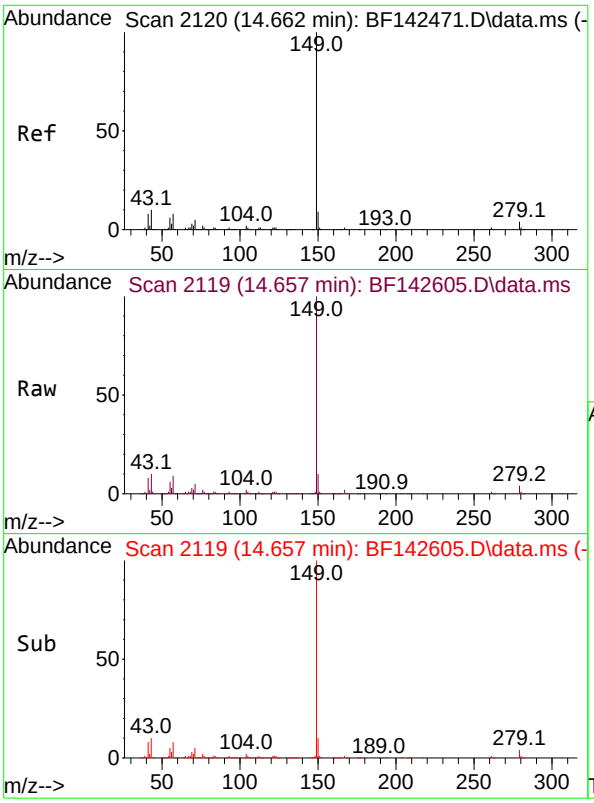


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.486 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 374143

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.1	3.2	4.8



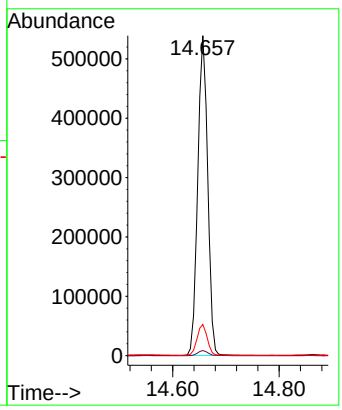


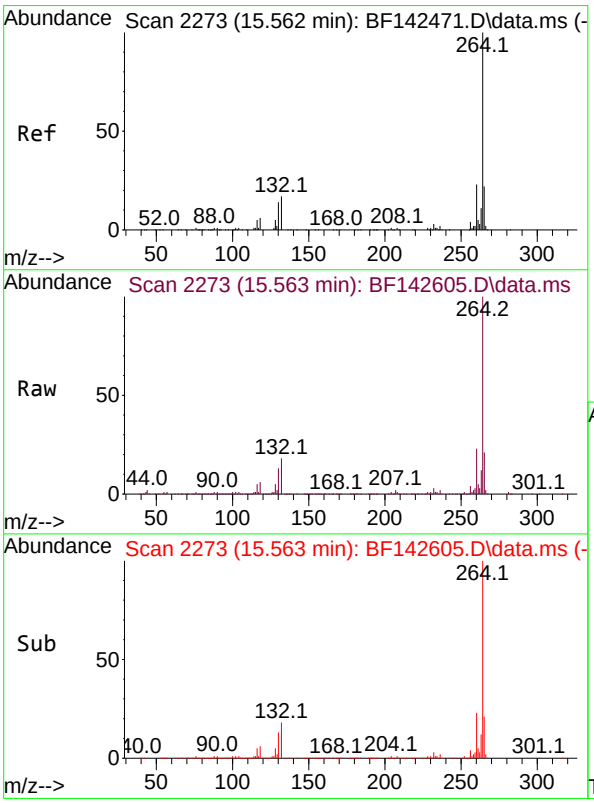
#85
Di-n-octyl phthalate
Concen: 50.043 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:149 Resp: 697516

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	7.9	11.9

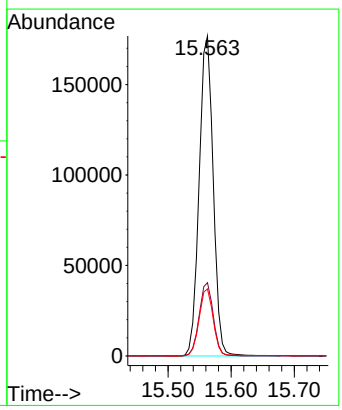


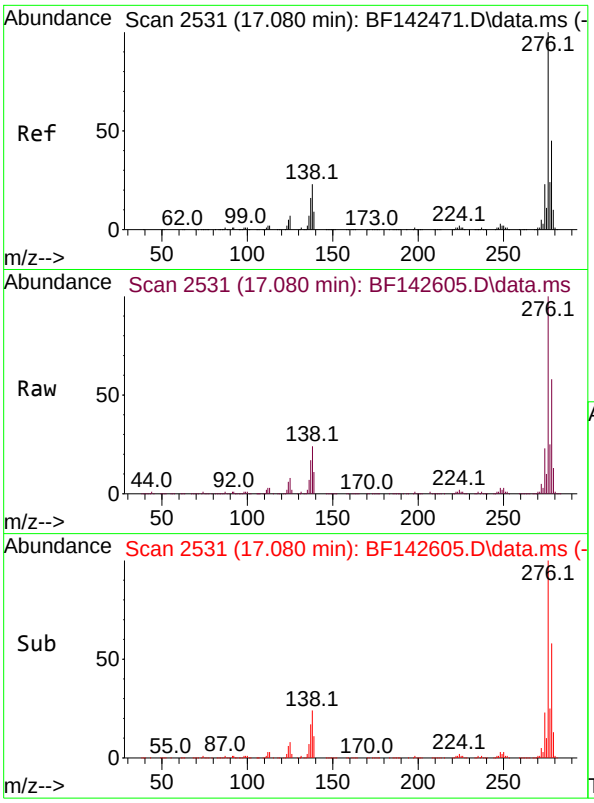


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:264 Resp: 272895

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	20.9	17.7	26.5



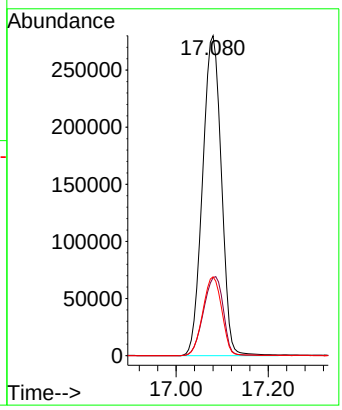


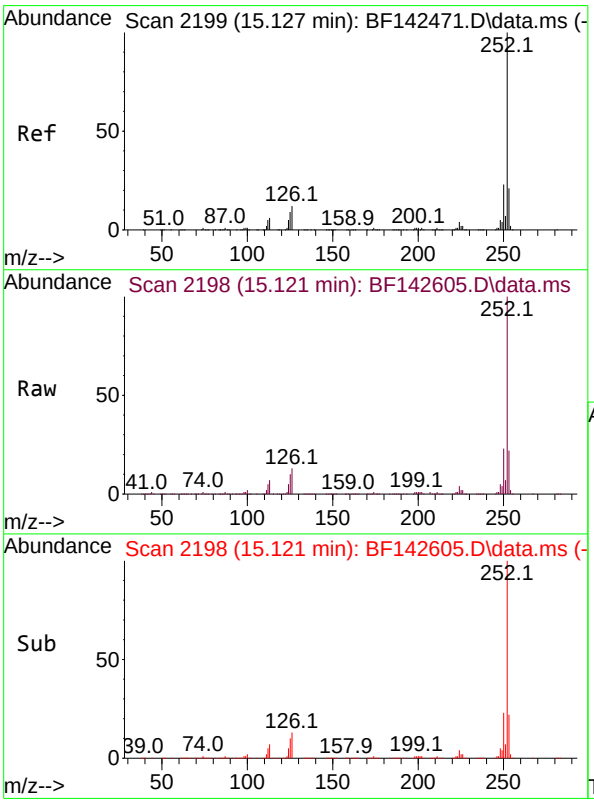
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.580 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:276 Resp: 790401

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.9	29.9
277	25.0	20.2	30.2

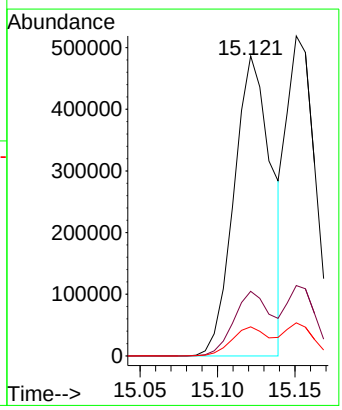


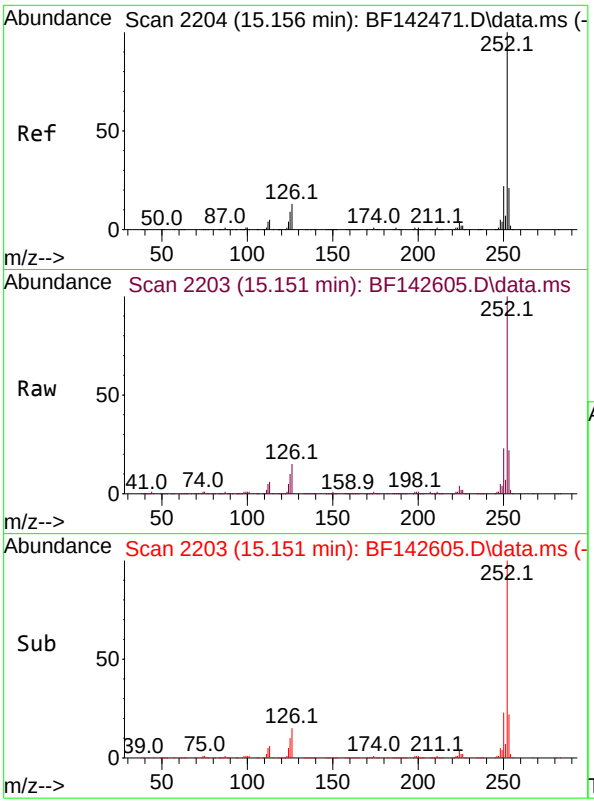


#88
Benzo(b)fluoranthene
Concen: 50.615 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:252 Resp: 817498

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	9.7	7.4	11.0



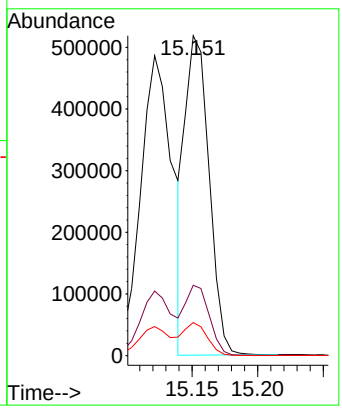


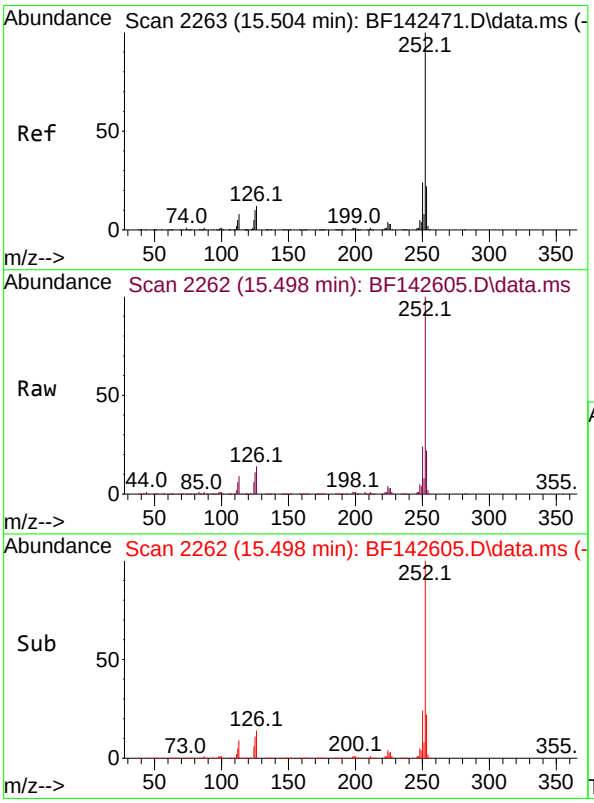
#89
Benzo(k)fluoranthene
Concen: 43.872 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:252 Resp: 663669

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	10.3	7.3	10.9

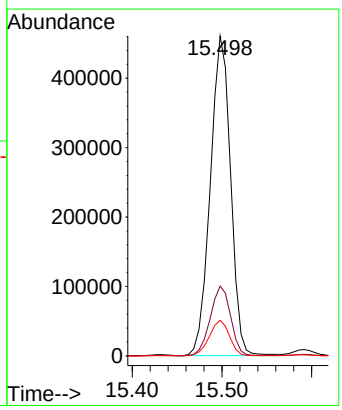


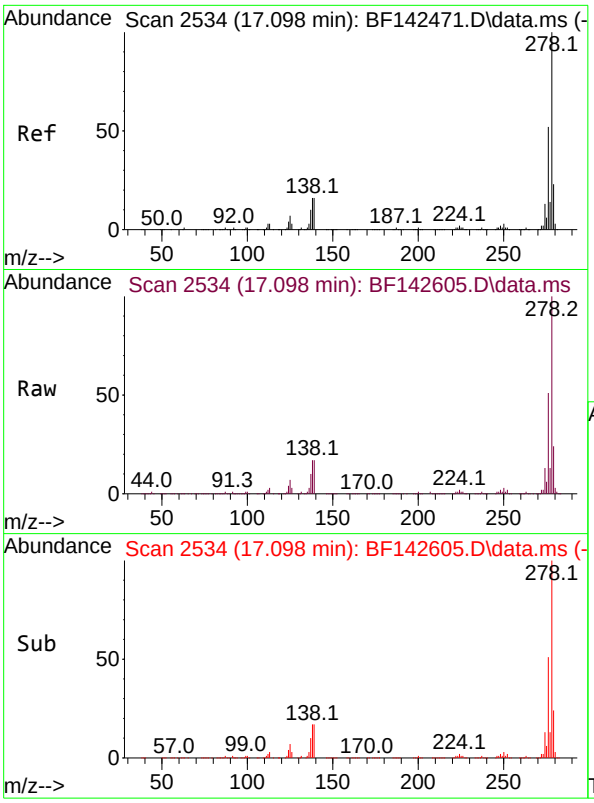


#90
Benzo(a)pyrene
Concen: 47.622 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:252 Resp: 725008

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.1	7.9	11.9



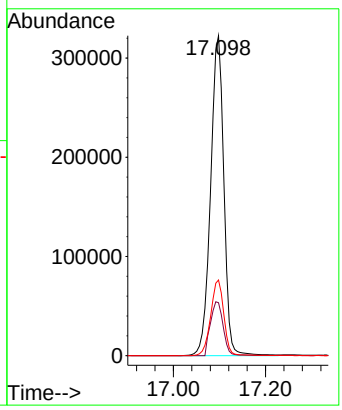


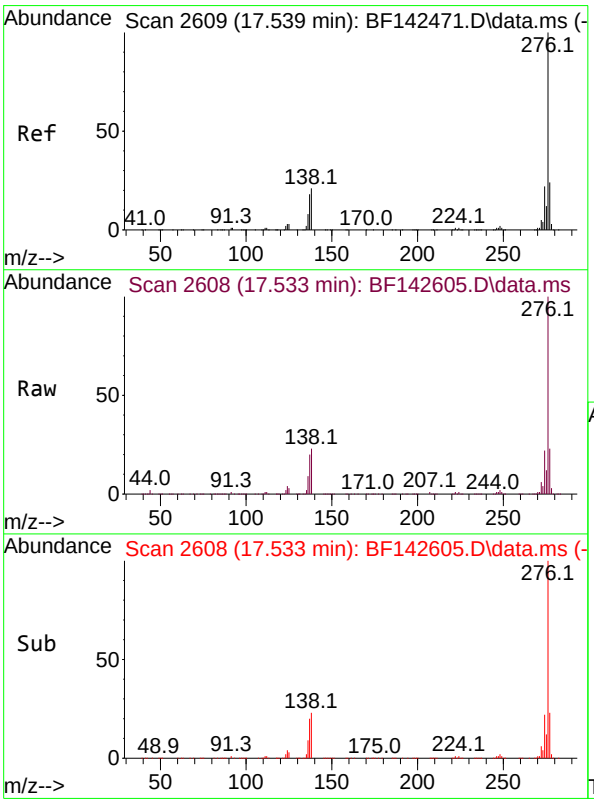
#91
Dibenzo(a,h)anthracene
Concen: 38.743 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Tgt Ion:278 Resp: 643765

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.6	18.6	28.0

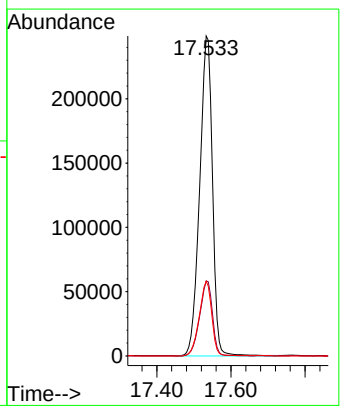




#92
Benzo(g,h,i)perylene
Concen: 35.868 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:276 Resp: 596123

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.3	16.8	25.2



Raw Data: **BF142606.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/29/25
Project:	Seely	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMSD	SDG No.:	Q2125
Lab Sample ID:	Q2159-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142606.D	1	06/04/25 09:10	06/04/25 14:38	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		16.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	45.8		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.1		30 (20) - 130 (109)	45%	SPK: 100
1718-51-0	Terphenyl-d14	32.4		30 (10) - 130 (105)	32%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.898			
1146-65-2	Naphthalene-d8	430000	8.181			
15067-26-2	Acenaphthene-d10	207000	9.939			
1517-22-2	Phenanthrene-d10	290000	11.421			
1719-03-5	Chrysene-d12	208000	14.068			
1520-96-3	Perylene-d12	275000	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\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 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	117119	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	429653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	207287	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	289513	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	207868	20.000	ng	0.00
86) Perylene-d12	15.562	264	274922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503033	72.361	ng	0.00
7) Phenol-d6	6.522	99	608782	72.750	ng	-0.01
23) Nitrobenzene-d5	7.457	82	360559	45.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	150277	65.320	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	697253	45.136	ng	-0.02
79) Terphenyl-d14	13.004	244	493078	32.415	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	112206	40.336	ng	98
3) Pyridine	3.493	79	294977	41.640	ng	100
4) n-Nitrosodimethylamine	3.446	42	157867	42.921	ng	92
6) Aniline	6.557	93	290103	25.783	ng	97
8) 2-Chlorophenol	6.681	128	325299	42.961	ng	99
9) Benzaldehyde	6.445	77	176311	35.030	ng	99
10) Phenol	6.539	94	387871	41.193	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	293970	43.371	ng	100
12) 1,3-Dichlorobenzene	6.839	146	354983	42.014	ng	98
13) 1,4-Dichlorobenzene	6.916	146	362483	42.591	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349177	42.876	ng	99
15) Benzyl Alcohol	7.034	79	255956	41.390	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479366	42.114	ng	98
17) 2-Methylphenol	7.145	107	244760	41.402	ng	100
18) Hexachloroethane	7.410	117	125719	42.303	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	205003	39.528	ng	100
20) 3+4-Methylphenols	7.298	107	301702	39.853	ng	97
22) Acetophenone	7.304	105	407703	42.866	ng	98
24) Nitrobenzene	7.481	77	309931	43.612	ng	98
25) Isophorone	7.716	82	554934	42.124	ng	99
26) 2-Nitrophenol	7.792	139	171622	45.196	ng	98
27) 2,4-Dimethylphenol	7.833	122	271650	40.566	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	355801	43.235	ng	98
29) 2,4-Dichlorophenol	8.039	162	265245	43.555	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	289455	43.796	ng	98
31) Naphthalene	8.204	128	913570	43.183	ng	99
32) Benzoic acid	7.939	122	168301	41.288	ng	96
33) 4-Chloroaniline	8.245	127	85937	10.025	ng	100
34) Hexachlorobutadiene	8.316	225	175291	42.476	ng	99
35) Caprolactam	8.616	113	75256	43.999	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	251467	40.292	ng	96
37) 2-Methylnaphthalene	8.892	142	555494	41.736	ng	100
38) 1-Methylnaphthalene	8.992	142	568389	41.286	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	281606	47.326	ng	99
41) Hexachlorocyclopentadiene	9.045	237	317173	79.016	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	185819	46.311	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 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

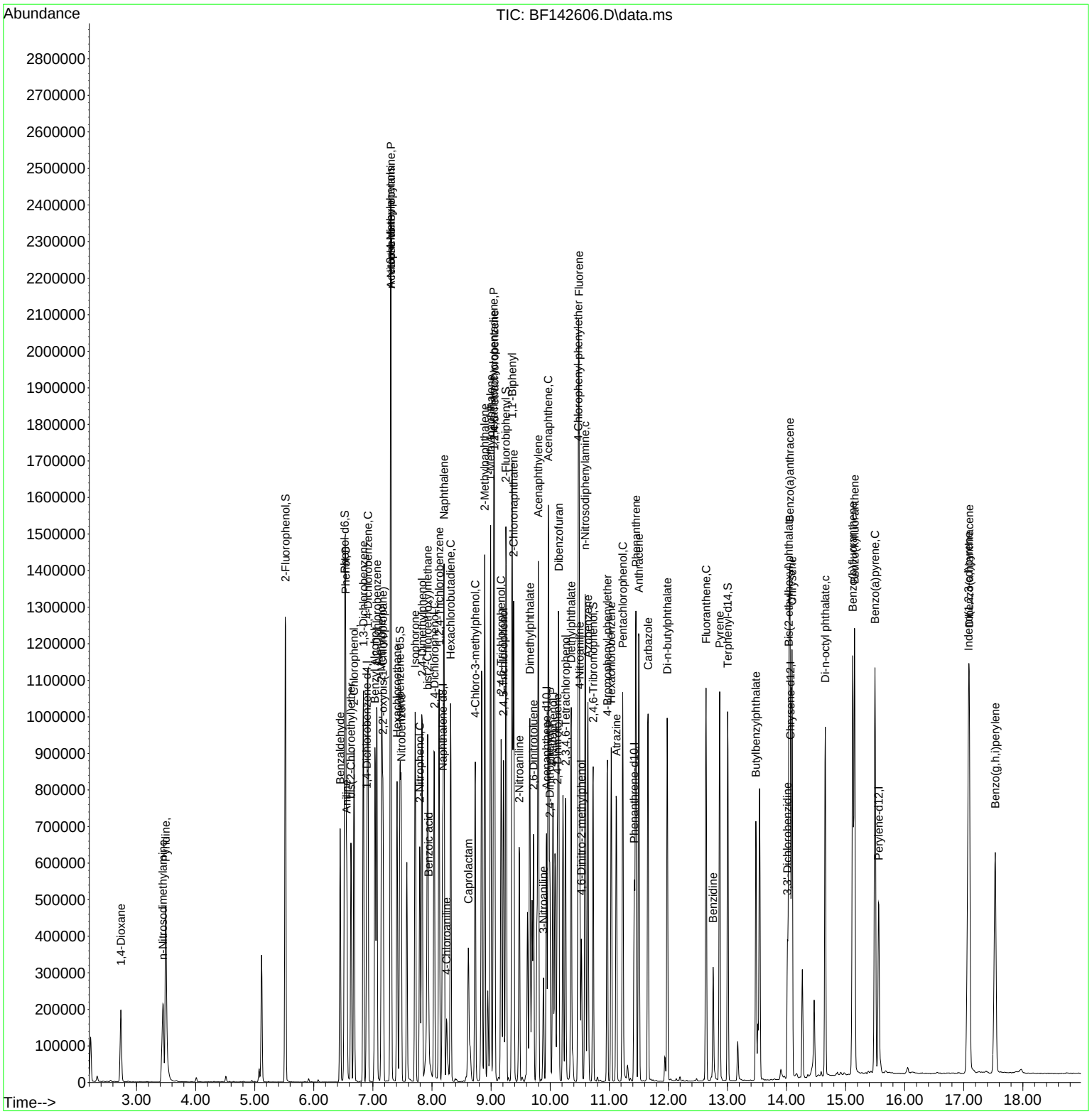
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	182412	43.106	ng	98
46) 1,1'-Biphenyl	9.357	154	741150	46.086	ng	99
47) 2-Chloronaphthalene	9.380	162	542733	45.678	ng	99
48) 2-Nitroaniline	9.475	65	149998	43.676	ng	99
49) Acenaphthylene	9.798	152	884211	44.071	ng	100
50) Dimethylphthalate	9.657	163	597235	43.666	ng	100
51) 2,6-Dinitrotoluene	9.716	165	130411	44.177	ng	99
52) Acenaphthene	9.969	154	566786	46.264	ng	100
53) 3-Nitroaniline	9.886	138	63685	19.751	ng	100
54) 2,4-Dinitrophenol	9.992	184	117271	76.892	ng	94
55) Dibenzofuran	10.145	168	766850	43.498	ng	97
56) 4-Nitrophenol	10.051	139	188095	79.063	ng	96
57) 2,4-Dinitrotoluene	10.122	165	168682	43.754	ng	100
58) Fluorene	10.486	166	572933	42.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143474	40.613	ng	98
60) Diethylphthalate	10.357	149	559299	41.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	279681	41.802	ng	98
62) 4-Nitroaniline	10.498	138	114406	39.123	ng	97
63) Azobenzene	10.639	77	517652	43.145	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	74396	46.046	ng	98
66) n-Nitrosodiphenylamine	10.592	169	485968	49.064	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	164283	47.990	ng	97
68) Hexachlorobenzene	11.033	284	177585	46.903	ng	99
69) Atrazine	11.122	200	134893	51.281	ng	99
70) Pentachlorophenol	11.227	266	179072	83.771	ng	99
71) Phenanthrene	11.451	178	699348	45.200	ng	100
72) Anthracene	11.504	178	713117	45.161	ng	100
73) Carbazole	11.657	167	609293	45.135	ng	99
74) Di-n-butylphthalate	11.980	149	707550	47.884	ng	99
75) Fluoranthene	12.639	202	621123	42.963	ng	99
77) Benzidine	12.757	184	184313	23.827	ng	99
78) Pyrene	12.868	202	626053	32.286	ng	100
80) Butylbenzylphthalate	13.480	149	239908	44.775	ng	99
81) Benzo(a)anthracene	14.057	228	615470	44.341	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	114751	27.256	ng	98
83) Chrysene	14.092	228	572386	45.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	337322	49.178	ng	99
85) Di-n-octyl phthalate	14.657	149	661412	49.316	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	749576	36.318	ng	98
88) Benzo(b)fluoranthene	15.121	252	708411	43.538	ng	98
89) Benzo(k)fluoranthene	15.151	252	711519	46.688	ng	98
90) Benzo(a)pyrene	15.498	252	700899	45.699	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	616586	36.834	ng	98
92) Benzo(g,h,i)perylene	17.533	276	554788	33.135	ng	98

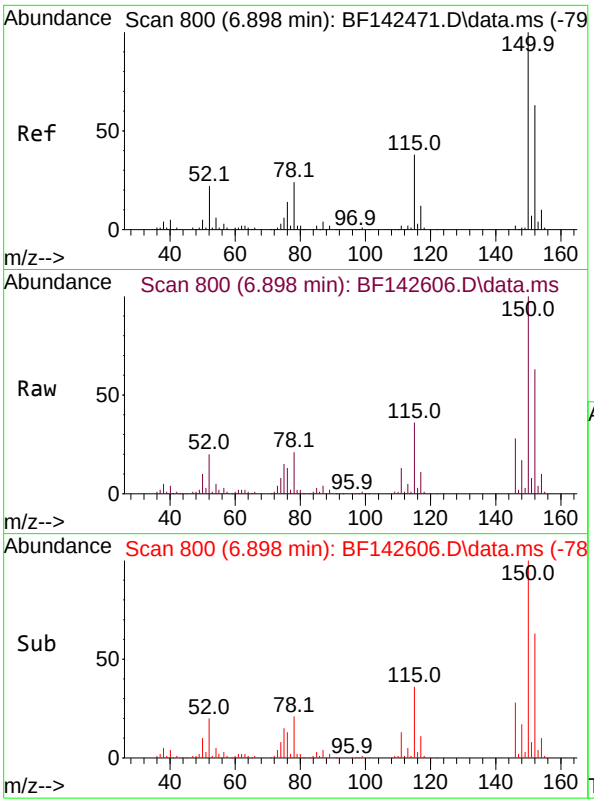
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 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



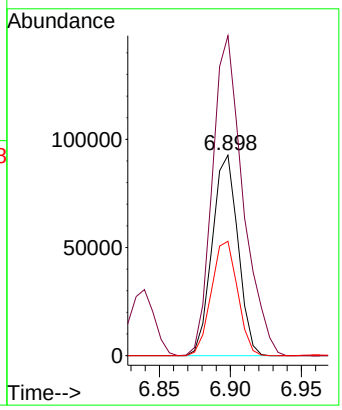


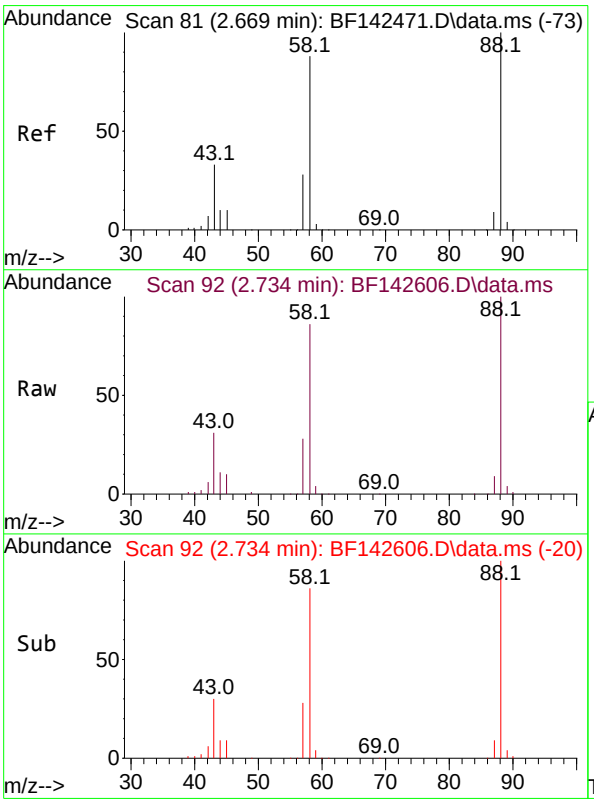
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:152 Resp: 117119

Ion	Ratio	Lower	Upper
152	100		
150	159.6	128.2	192.4
115	57.1	48.3	72.5

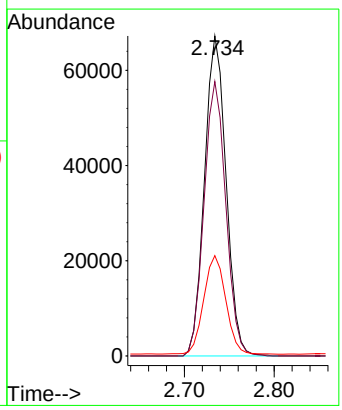


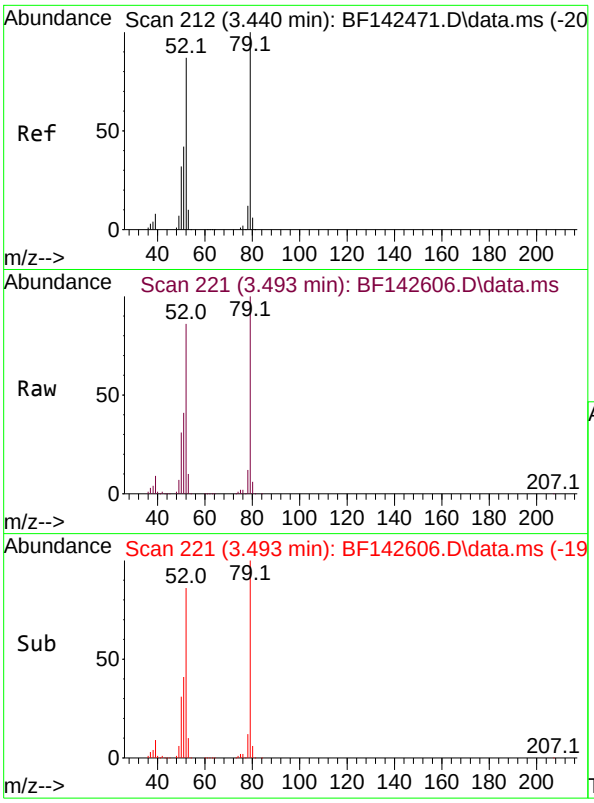


#2
1,4-Dioxane
Concen: 40.336 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.071 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 88 Resp: 112206

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.8	106.2
43	31.5	26.6	40.0



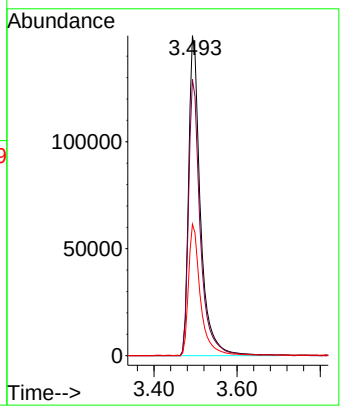


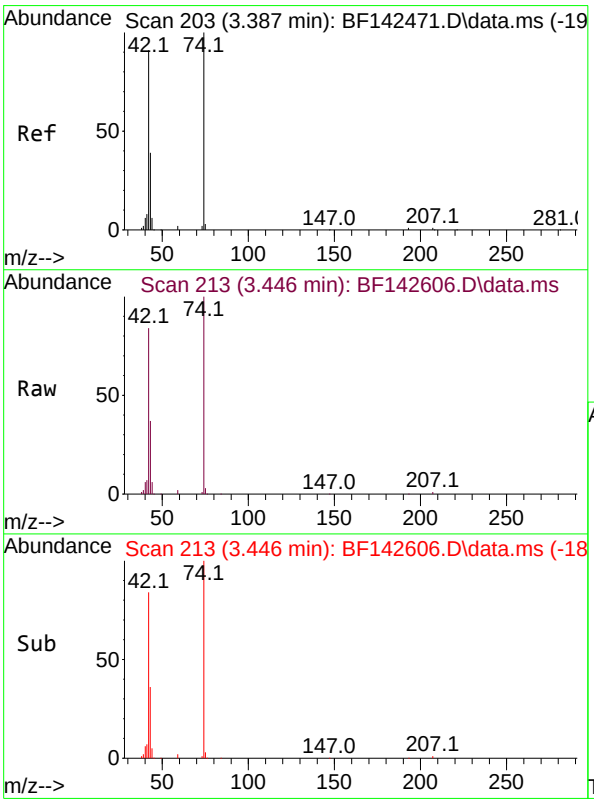
#3
Pyridine
Concen: 41.640 ng
RT: 3.493 min Scan# 2
Delta R.T. 0.053 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 79 Resp: 294977

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.2	103.8
51	41.1	33.3	49.9

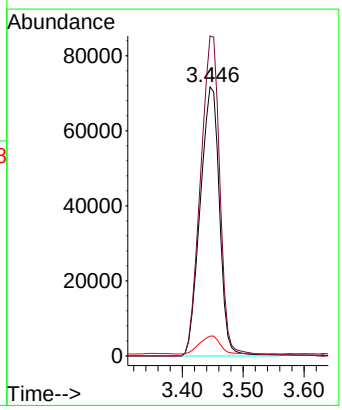


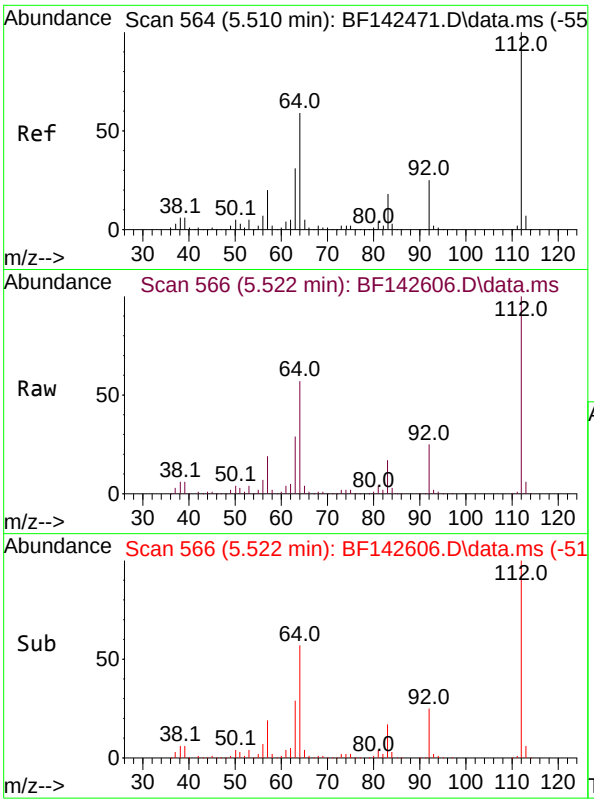


#4
n-Nitrosodimethylamine
Concen: 42.921 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 42 Resp: 157867

Ion	Ratio	Lower	Upper
42	100		
74	118.9	88.2	132.4
44	7.4	5.4	8.2



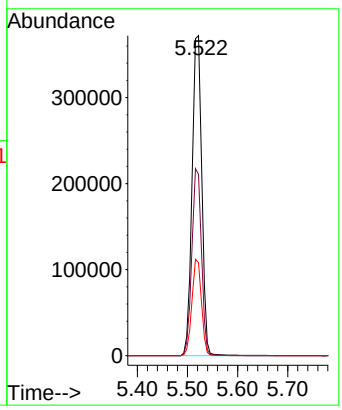


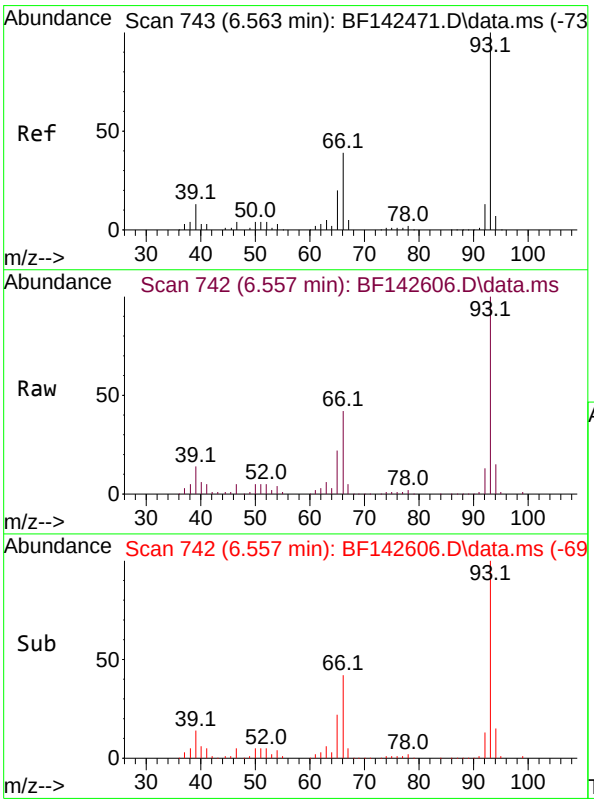
#5
2-Fluorophenol
Concen: 72.361 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:112 Resp: 503033

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.5	71.3
63	29.1	24.9	37.3

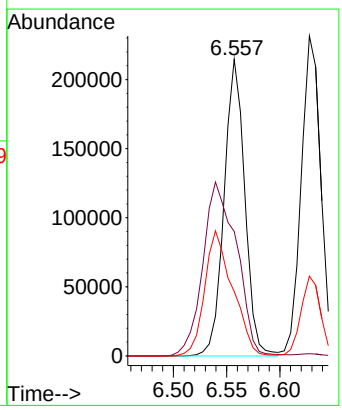


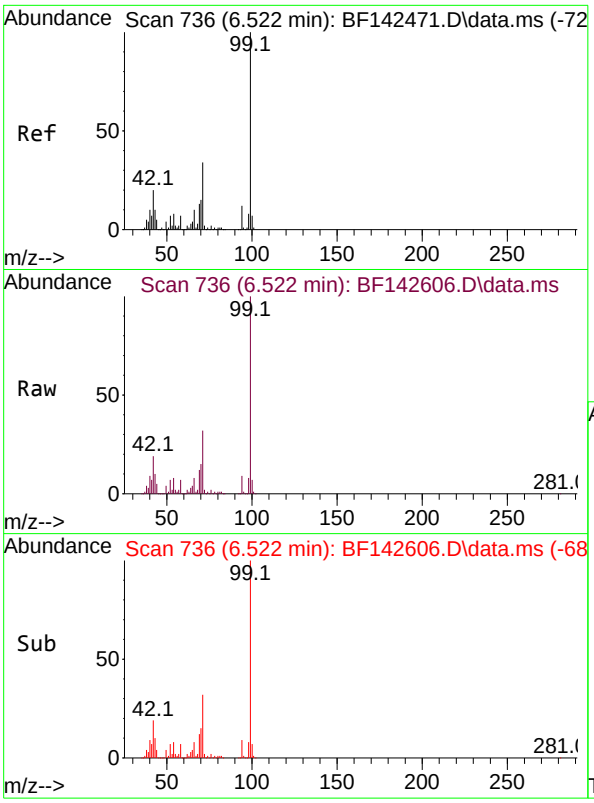


#6
Aniline
Concen: 25.783 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 93 Resp: 290103

Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.0	48.0
65	21.7	16.1	24.1



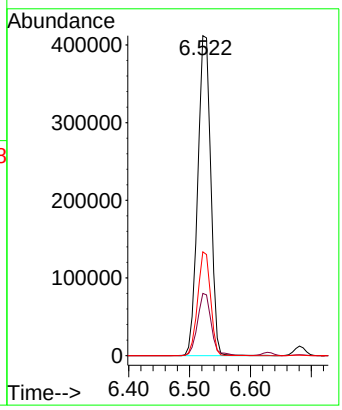


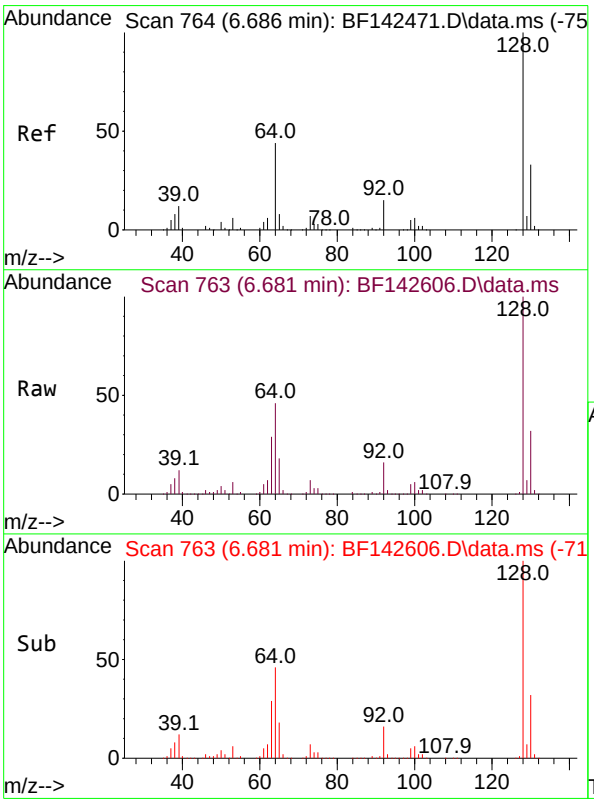
#7
Phenol-d6
Concen: 72.750 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 99 Resp: 608782

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	32.4	27.3	40.9

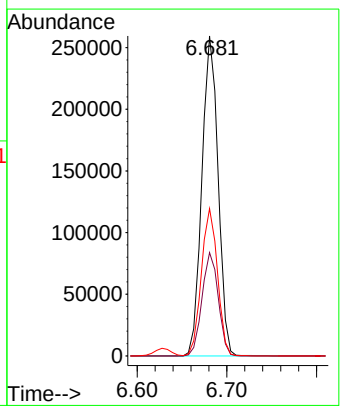


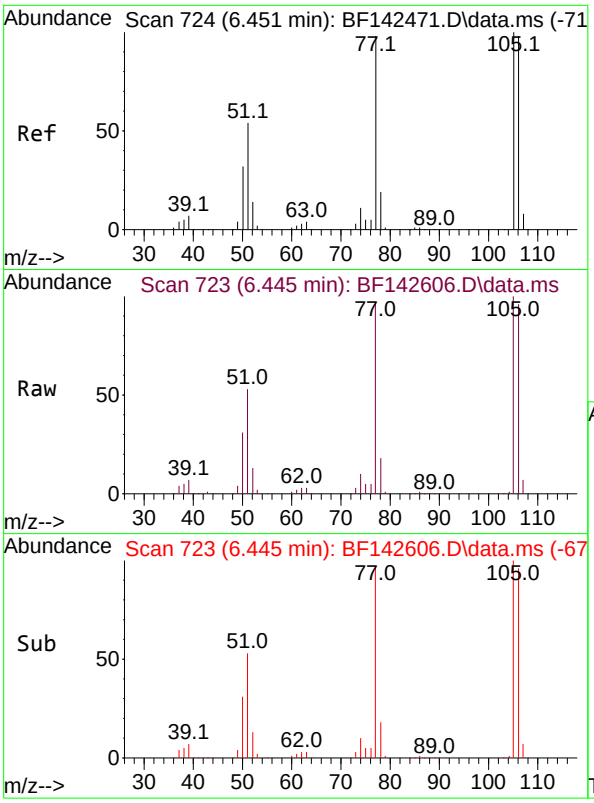


#8
2-Chlorophenol
Concen: 42.961 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:128 Resp: 325299

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.0	25.1	65.1



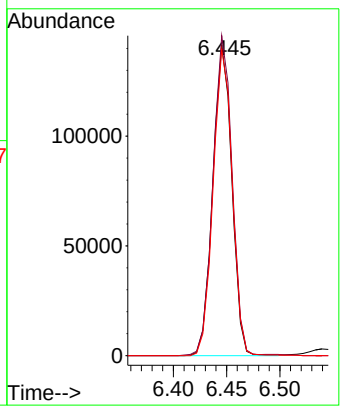


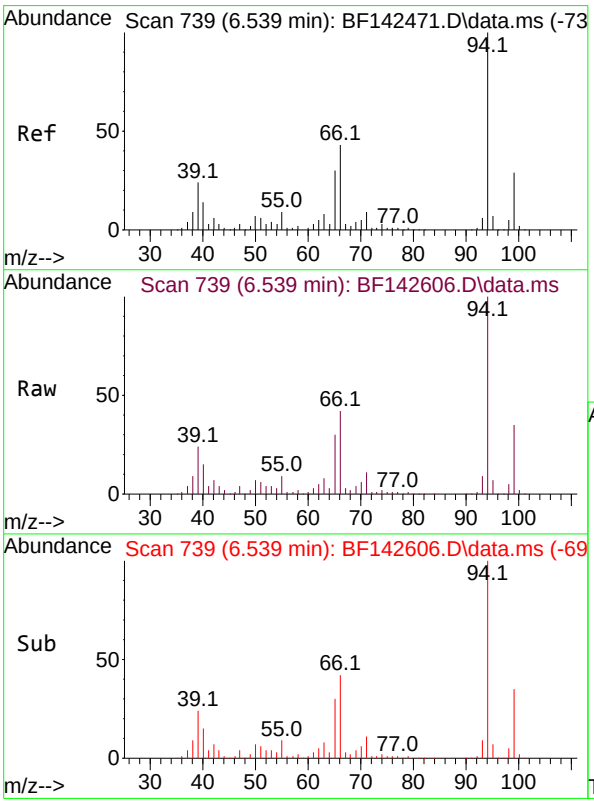
#9
Benzaldehyde
Concen: 35.030 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 77 Resp: 176311

Ion	Ratio	Lower	Upper
77	100		
105	102.9	82.5	122.5
106	98.6	80.0	120.0

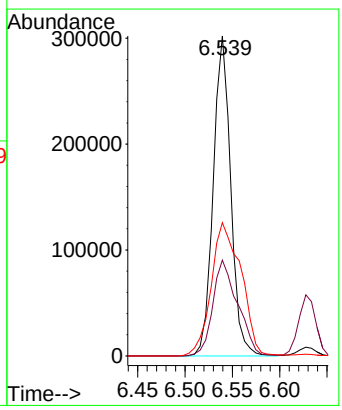


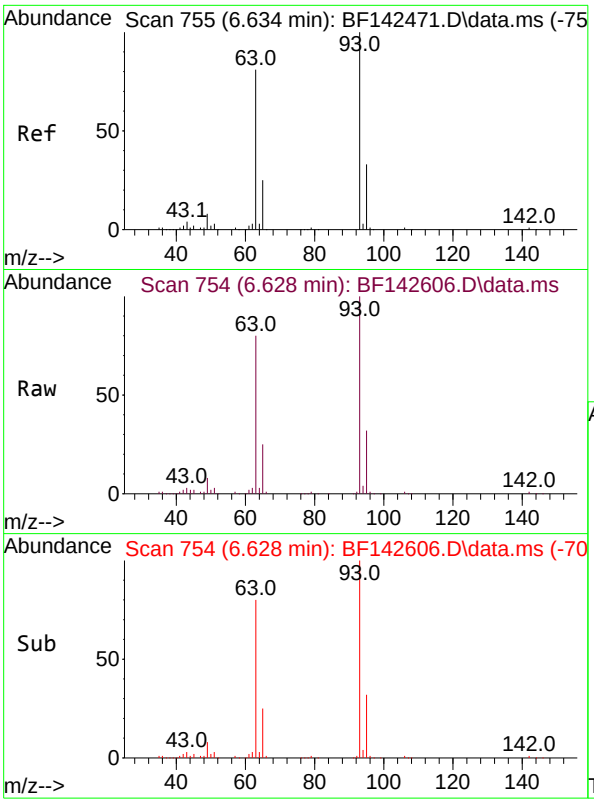


#10
Phenol
Concen: 41.193 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 94 Resp: 387871

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.3	50.3
66	41.6	22.6	62.6



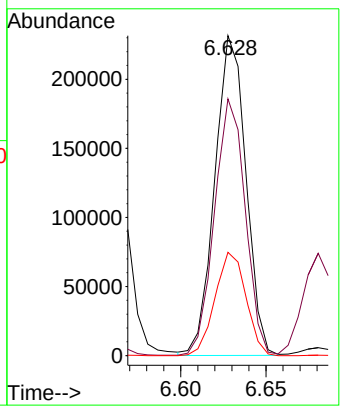


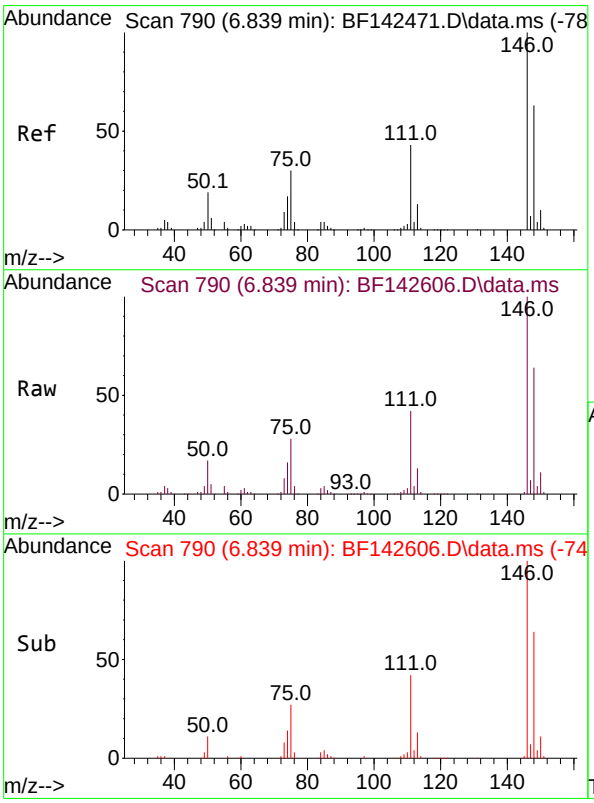
#11
bis(2-Chloroethyl)ether
Concen: 43.371 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 93 Resp: 293970

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

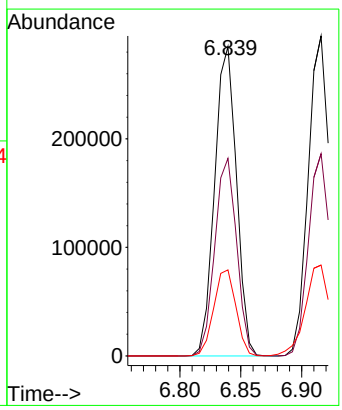


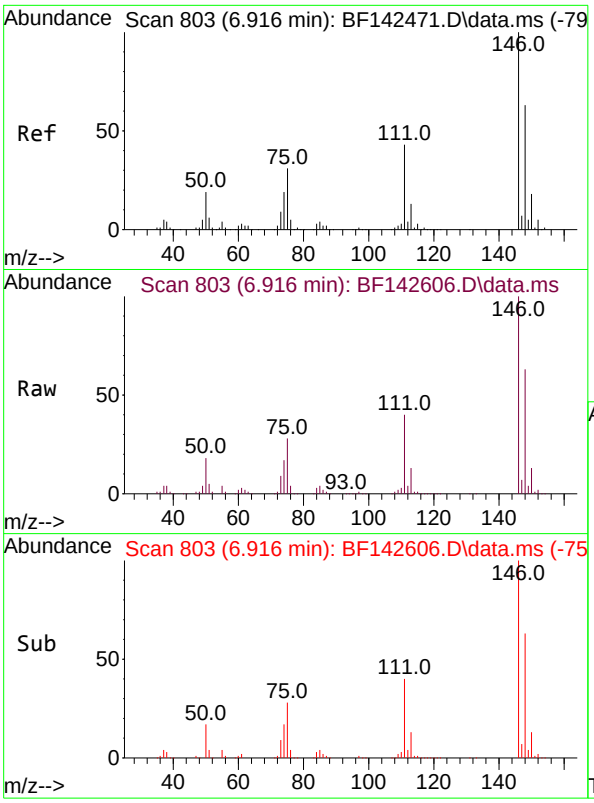


#12
1,3-Dichlorobenzene
Concen: 42.014 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:146 Resp: 354983

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	27.8	23.8	35.6



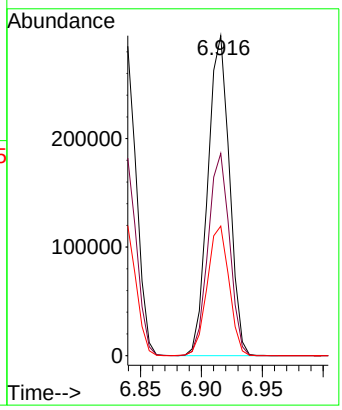


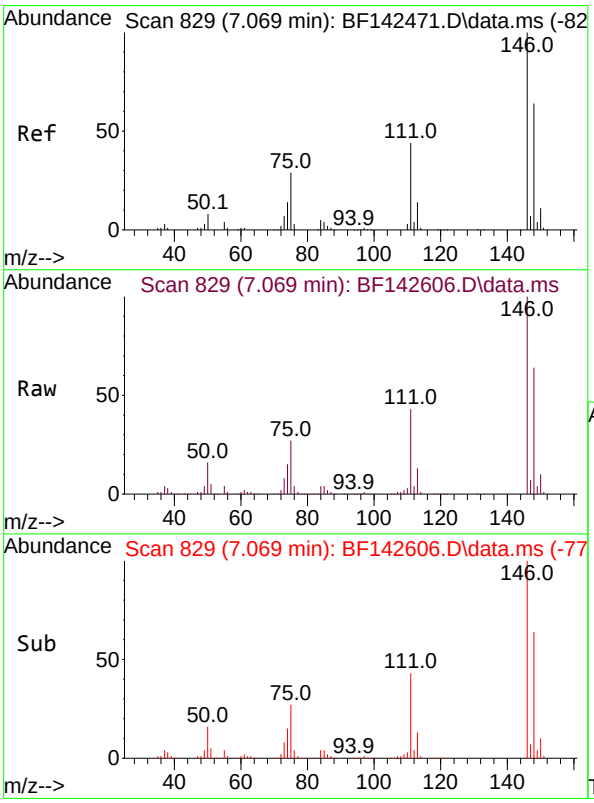
#13
1,4-Dichlorobenzene
Concen: 42.591 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:146 Resp: 362483

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	40.5	34.1	51.1

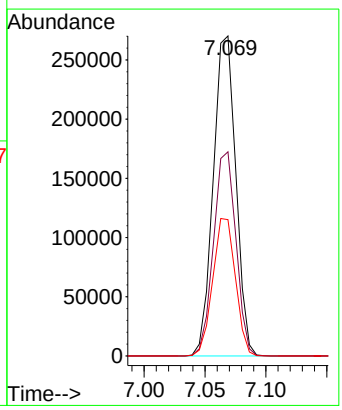


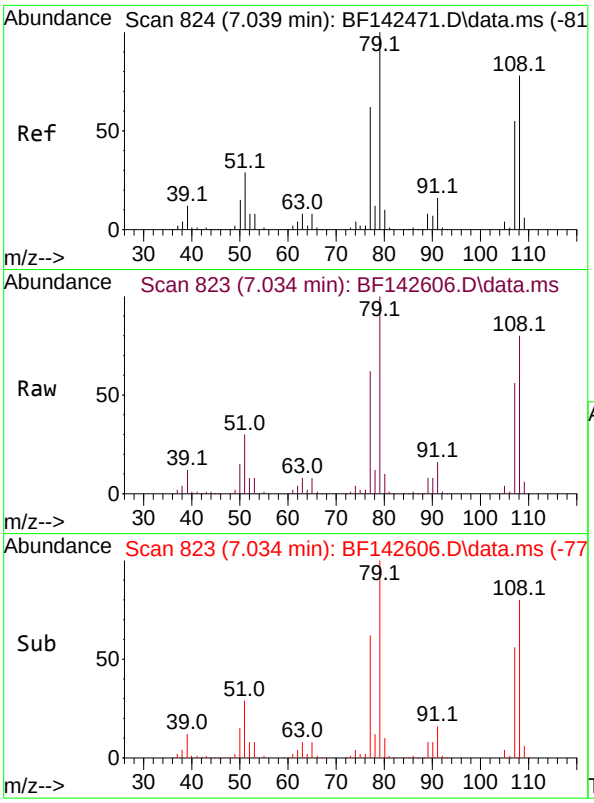


#14
1,2-Dichlorobenzene
Concen: 42.876 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:146 Resp: 349177

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	42.6	35.0	52.6



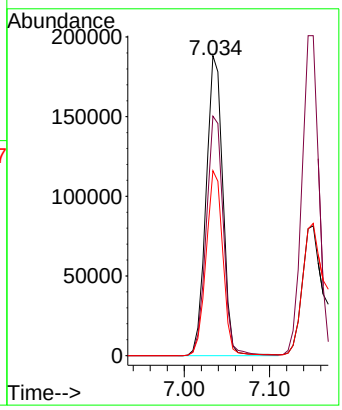


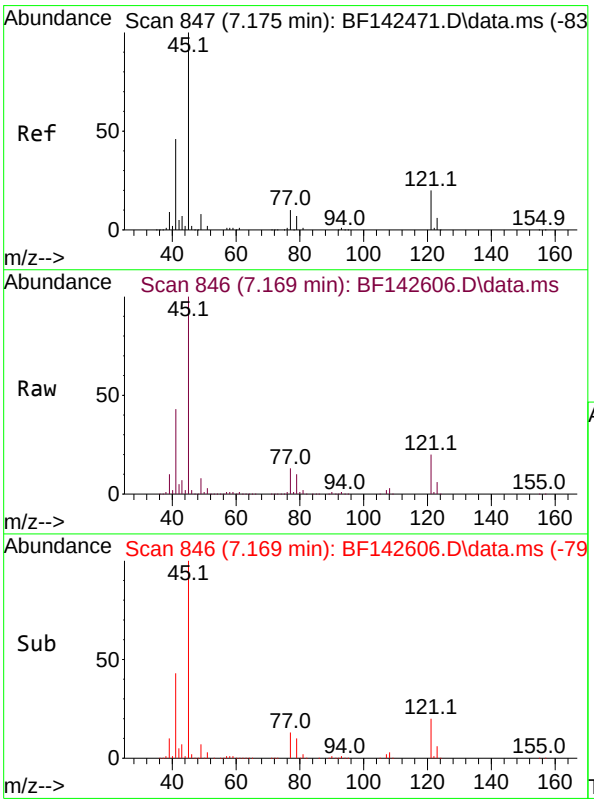
#15
Benzyl Alcohol
Concen: 41.390 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 79 Resp: 255956

Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.1	93.1
77	61.7	49.5	74.3

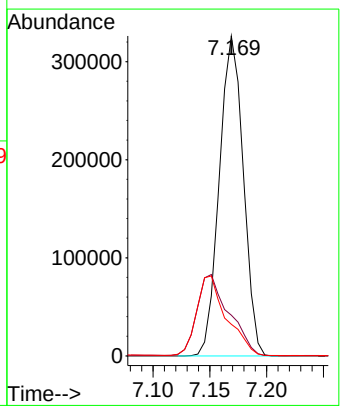


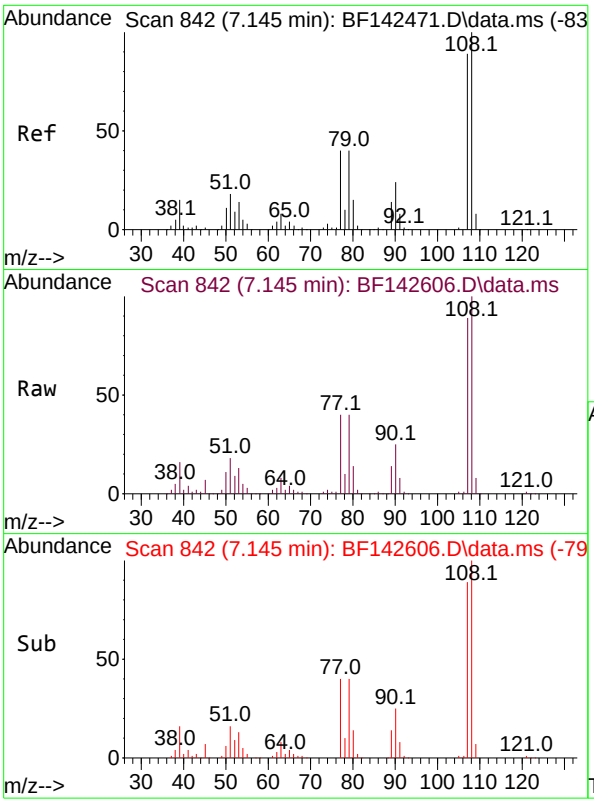


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.114 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 45 Resp: 479366

Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.0
79	9.9	0.0	29.2



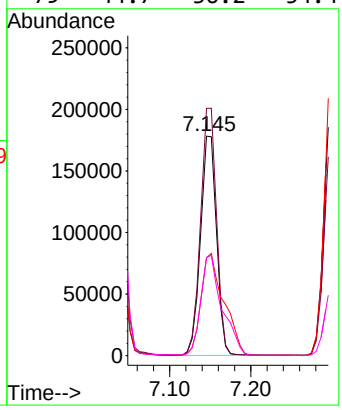


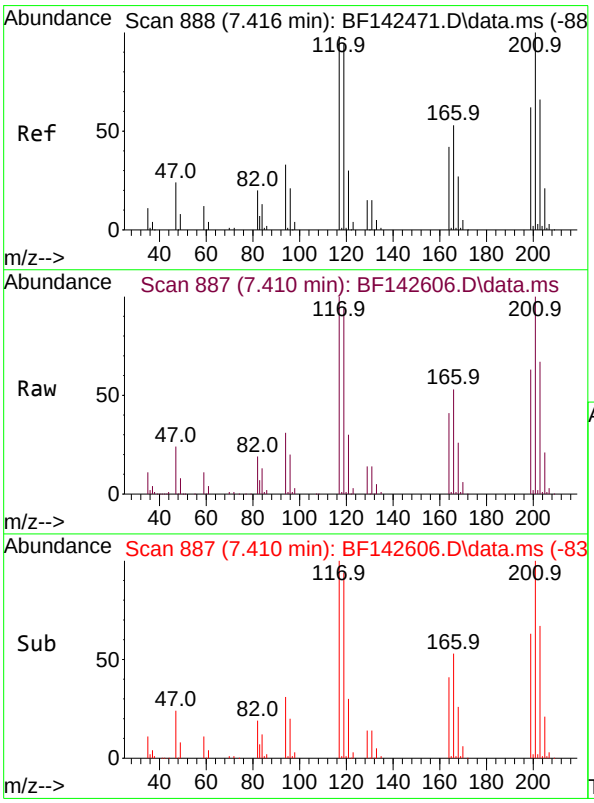
#17
2-Methylphenol
Concen: 41.402 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:107 Resp: 244760

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	44.6	36.1	54.1
79	44.7	36.2	54.4

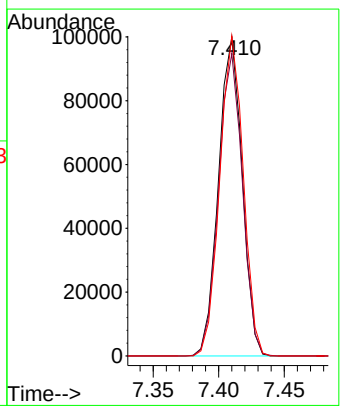


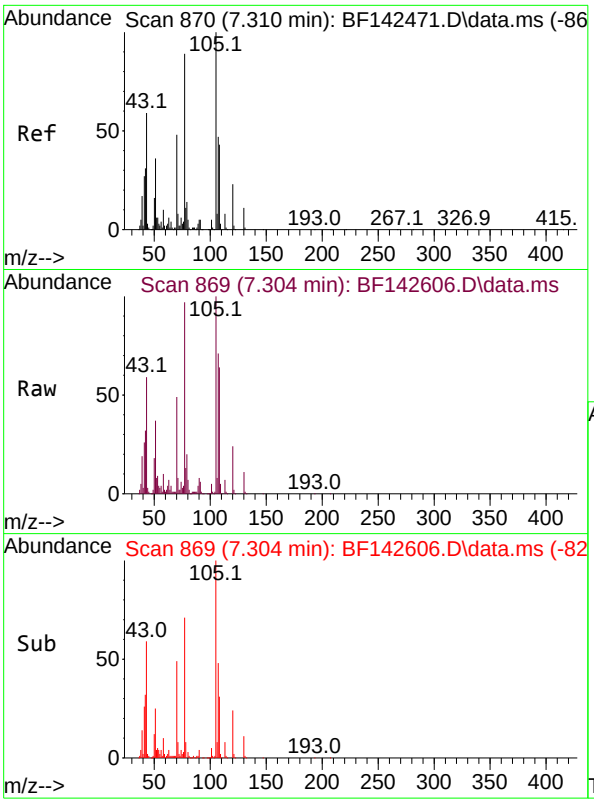


#18
Hexachloroethane
Concen: 42.303 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:117 Resp: 125719

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	100.4	81.3	121.9



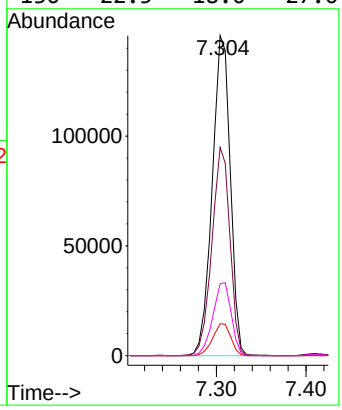


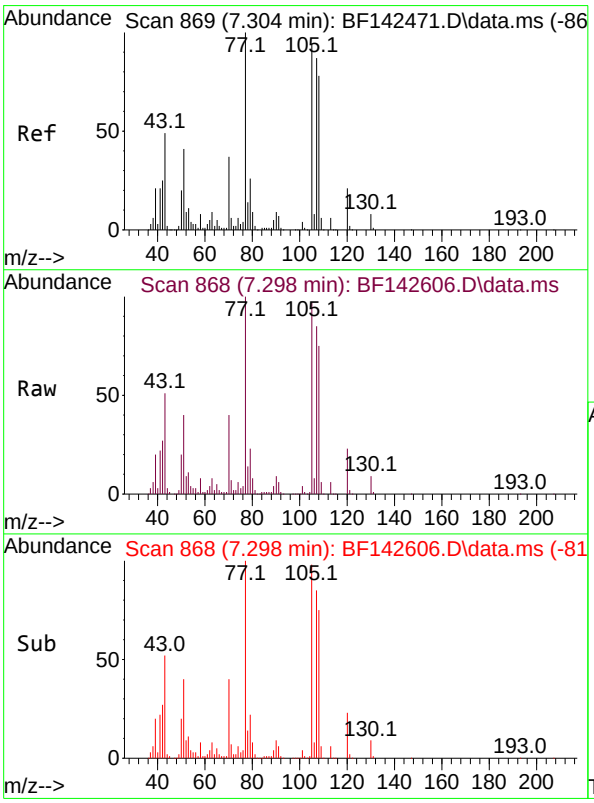
#19
n-Nitroso-di-n-propylamine
Concen: 39.528 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 70 Resp: 205003

Ion	Ratio	Lower	Upper
70	100		
42	65.0	52.4	78.6
101	10.0	7.8	11.8
130	22.5	18.0	27.0

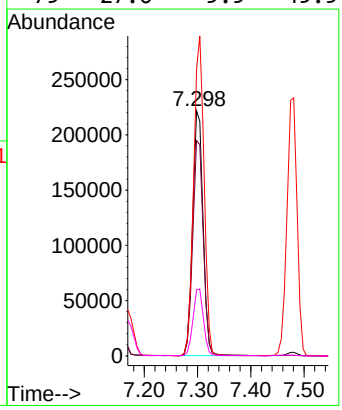


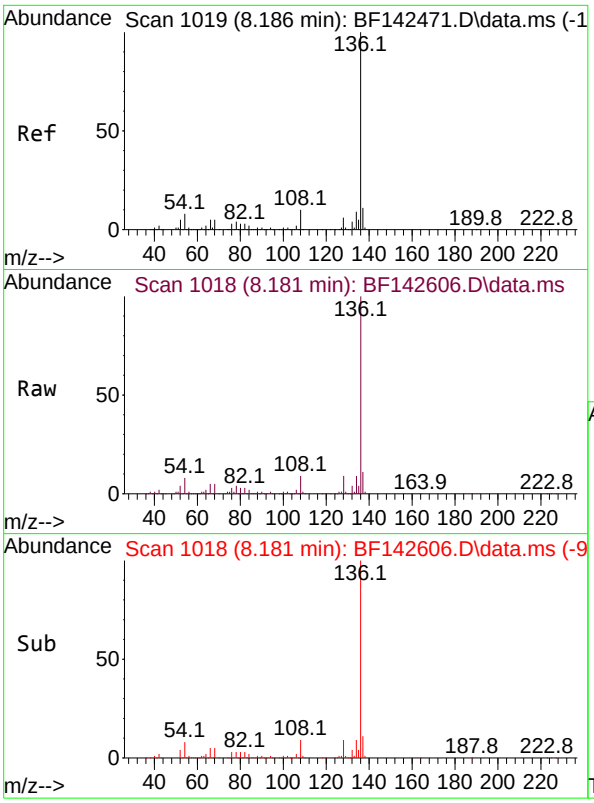


#20
3+4-Methylphenols
Concen: 39.853 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:107 Resp: 301702

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.4	110.4
77	117.3	95.4	135.4
79	27.0	9.9	49.9



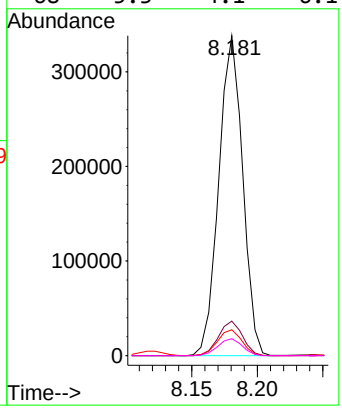


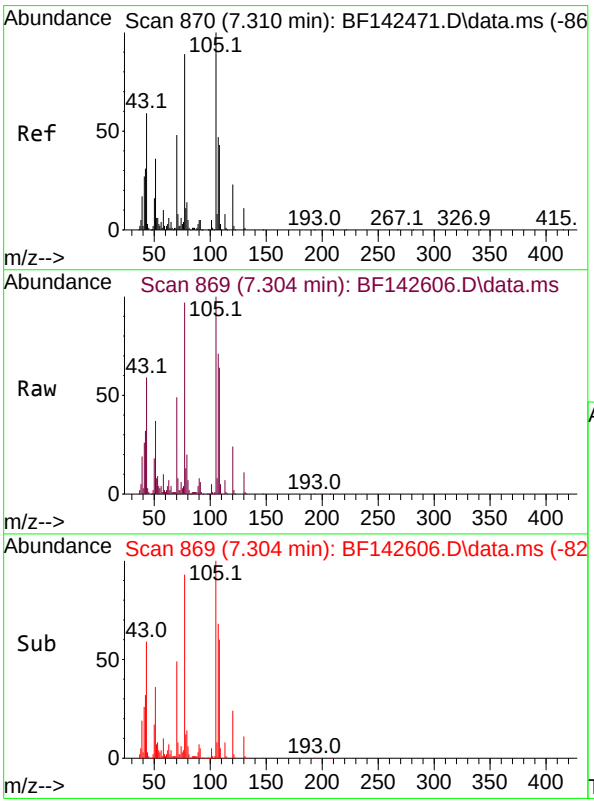
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:136 Resp: 429653

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	6.6	10.0
68	5.3	4.1	6.1

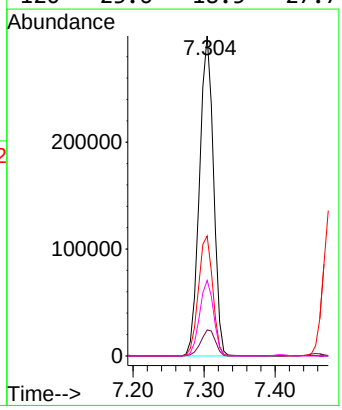


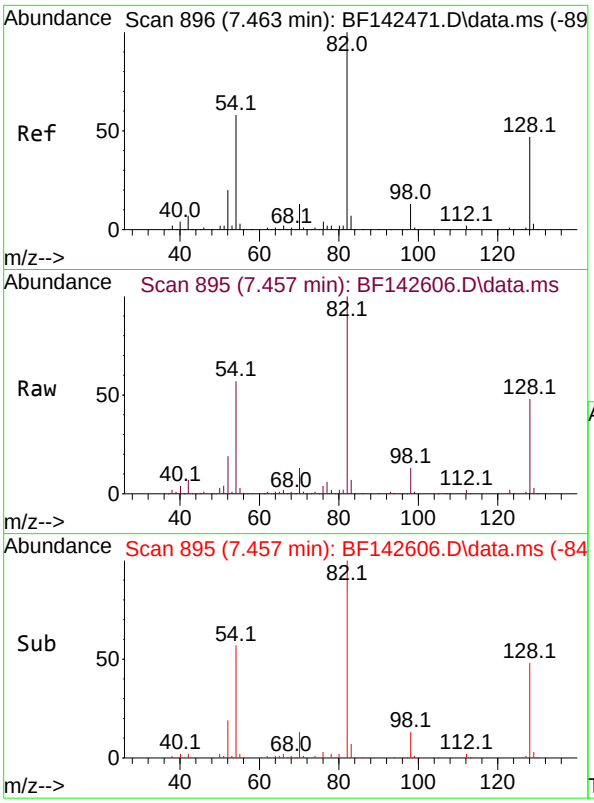


#22
Acetophenone
Concen: 42.866 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:105 Resp: 407703

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.4	9.6
51	37.5	28.6	42.8
120	23.6	18.5	27.7



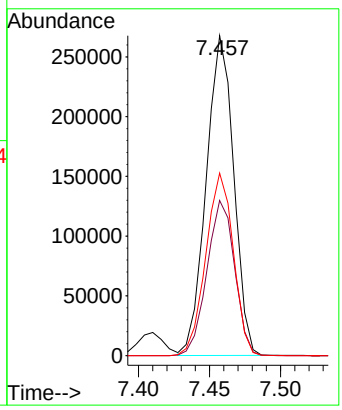


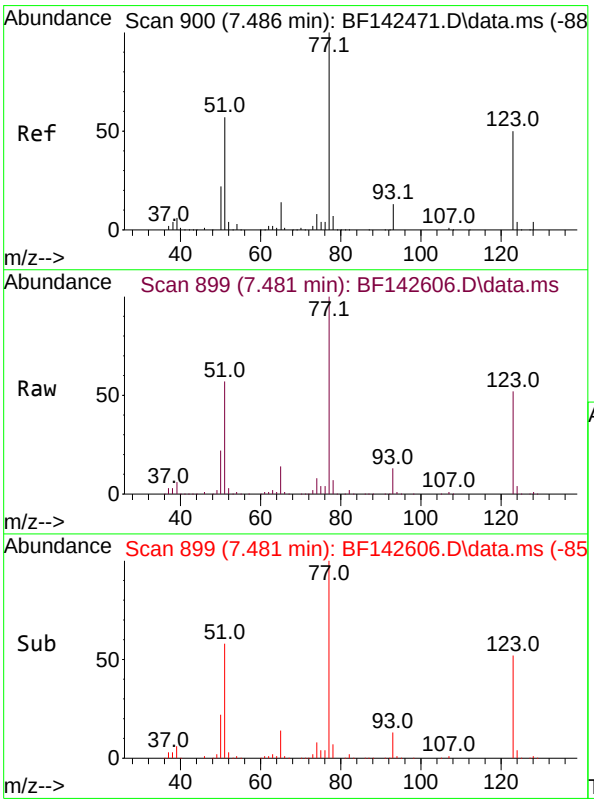
#23
Nitrobenzene-d5
Concen: 45.760 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 82 Resp: 360559

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.4	56.2
54	57.0	46.6	70.0

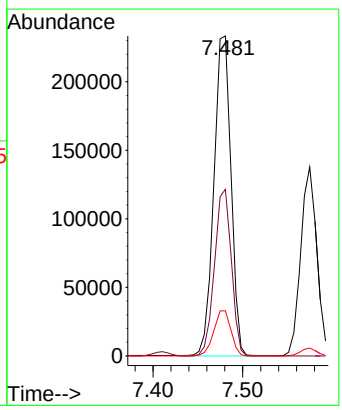


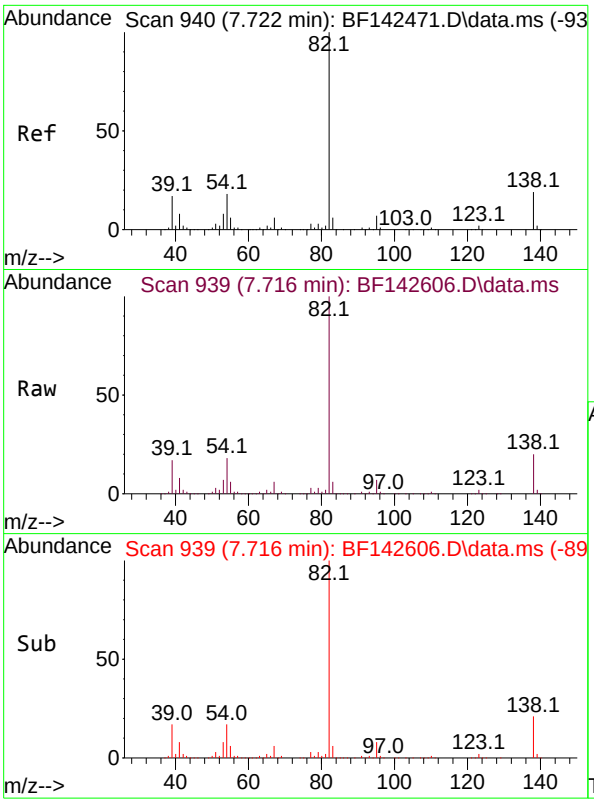


#24
Nitrobenzene
Concen: 43.612 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 77 Resp: 309931

Ion	Ratio	Lower	Upper
77	100		
123	52.1	40.6	61.0
65	14.1	11.4	17.2



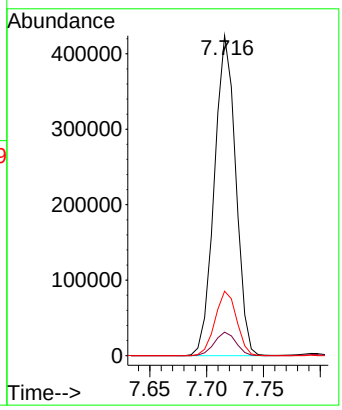


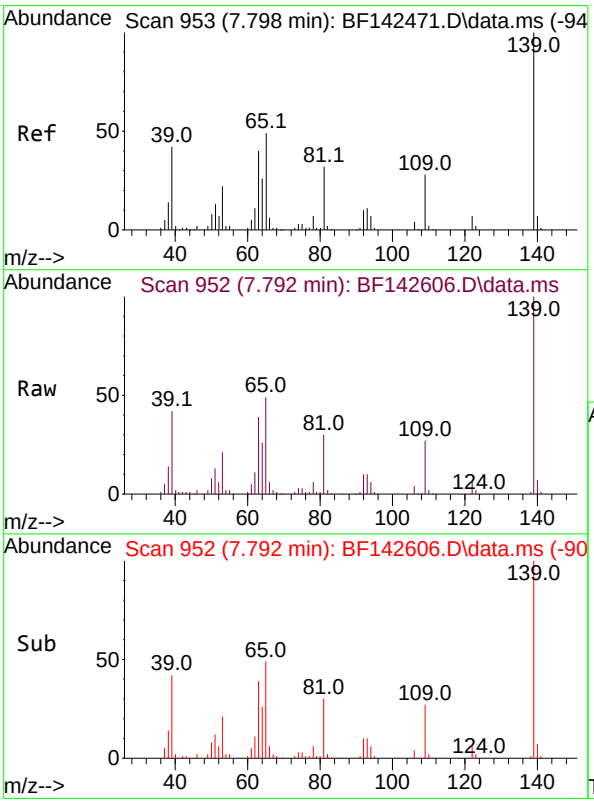
#25
Isophorone
Concen: 42.124 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 82 Resp: 554934

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	20.1	15.5	23.3

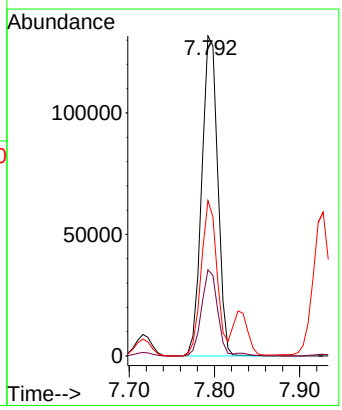


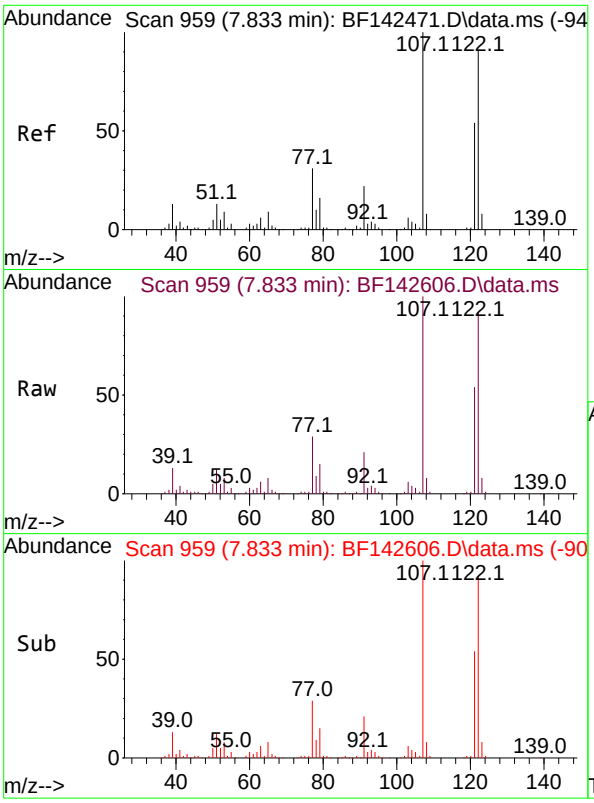


#26
2-Nitrophenol
Concen: 45.196 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:139 Resp: 171622

Ion	Ratio	Lower	Upper
139	100		
109	26.9	22.6	33.8
65	48.5	39.4	59.0



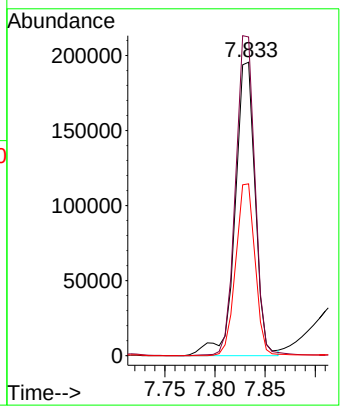


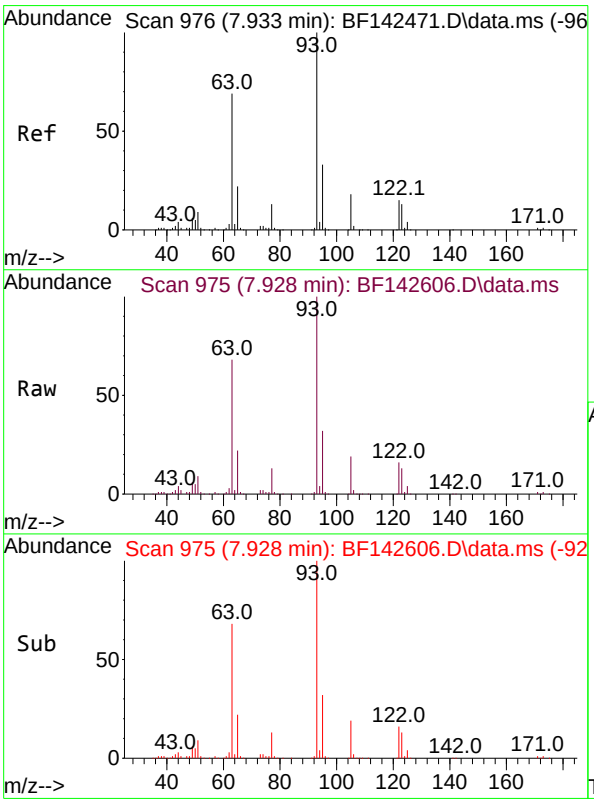
#27
2,4-Dimethylphenol
Concen: 40.566 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:122 Resp: 271650

Ion	Ratio	Lower	Upper
122	100		
107	108.6	88.1	132.1
121	58.5	47.3	70.9

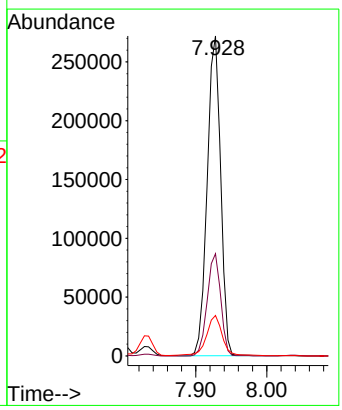


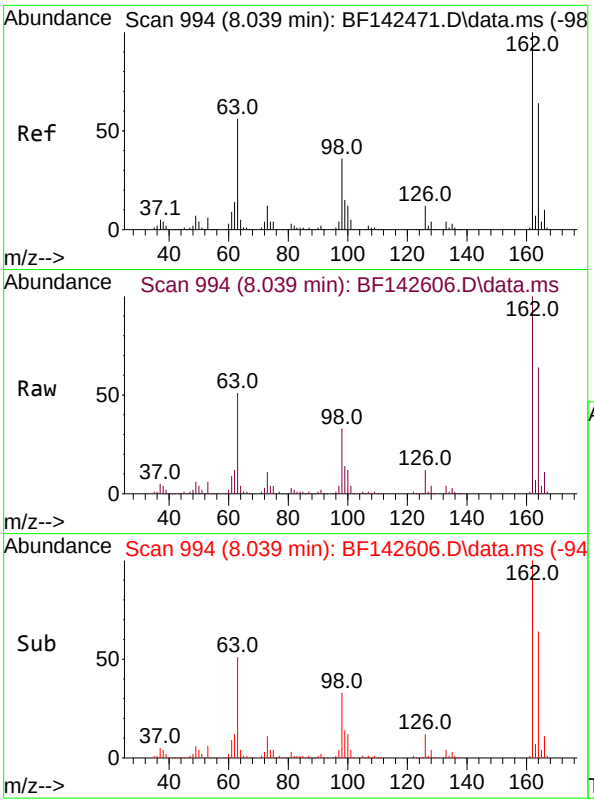


#28
bis(2-Chloroethoxy)methane
Concen: 43.235 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 93 Resp: 355801

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	12.6	10.6	15.8



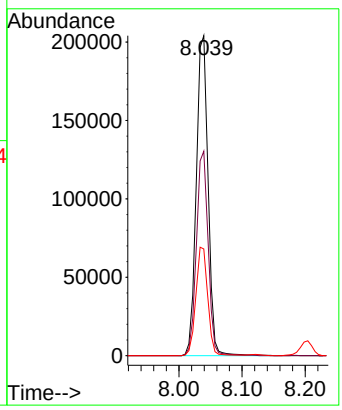


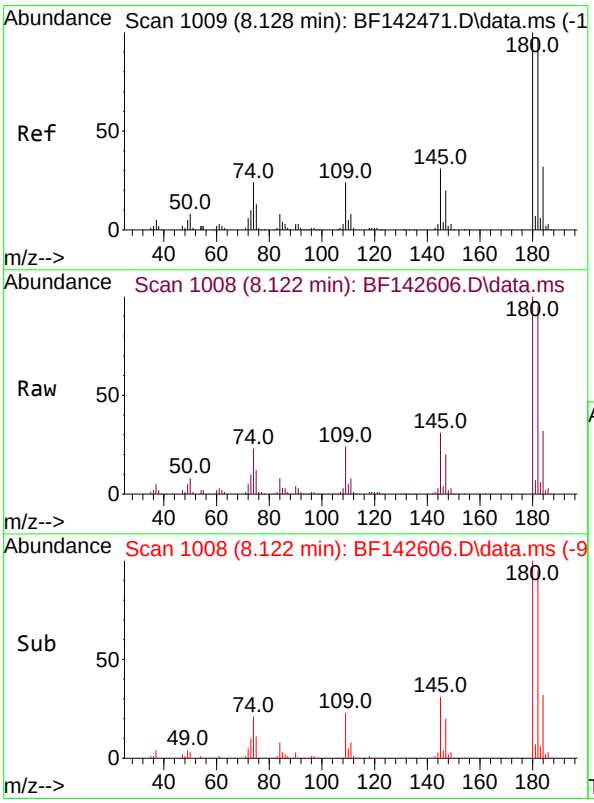
#29
2,4-Dichlorophenol
Concen: 43.555 ng
RT: 8.039 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:162 Resp: 265245

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	33.3	15.5	55.5

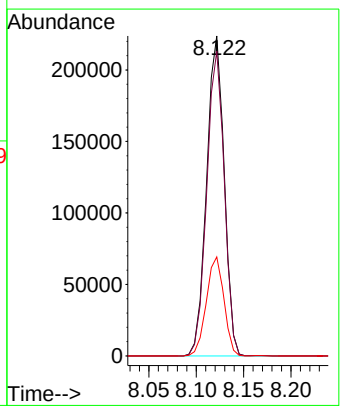


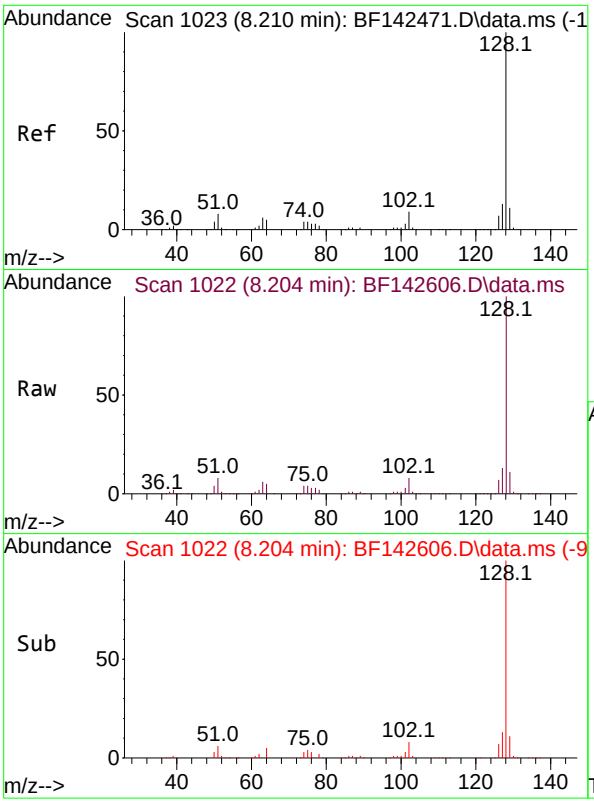


#30
1,2,4-Trichlorobenzene
Concen: 43.796 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:180 Resp: 289455

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.0	117.0
145	30.9	25.0	37.6



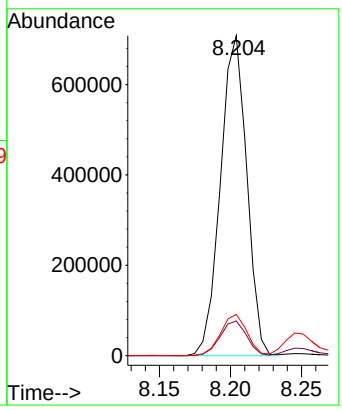


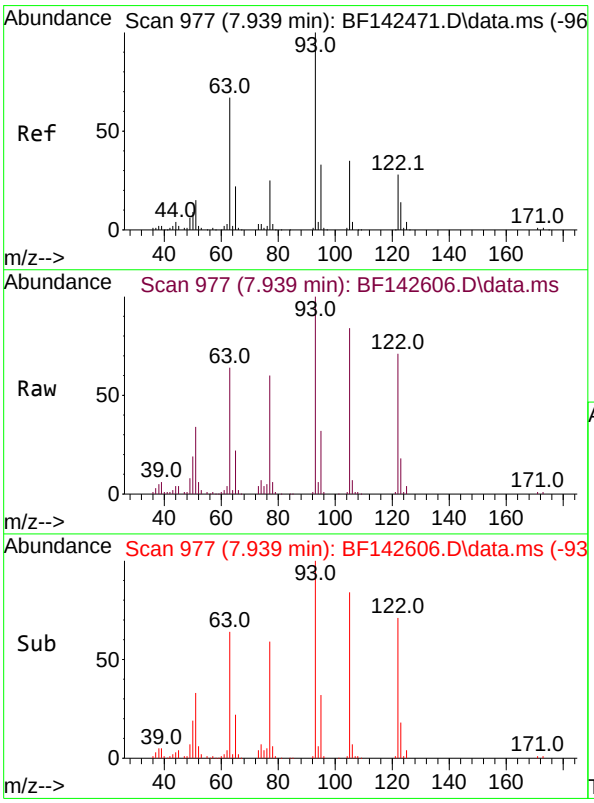
#31
Naphthalene
Concen: 43.183 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:128 Resp: 913570

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.5	15.7

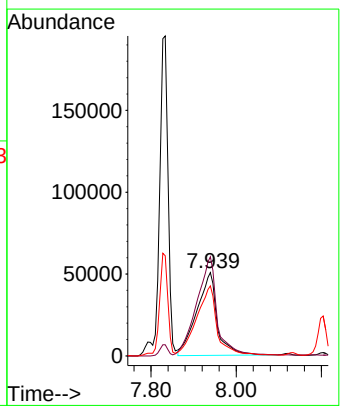


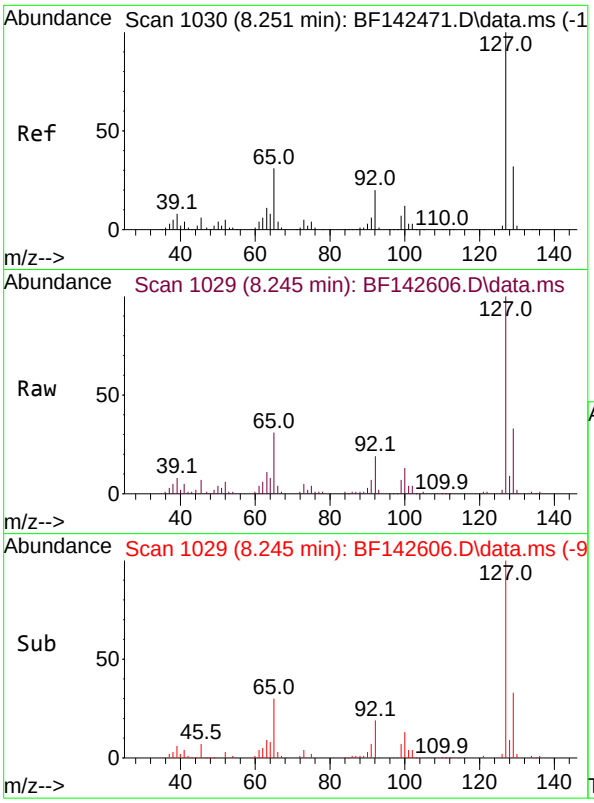


#32
Benzoic acid
Concen: 41.288 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:122 Resp: 168301

Ion	Ratio	Lower	Upper
122	100		
105	119.0	101.7	141.7
77	84.0	69.5	109.5



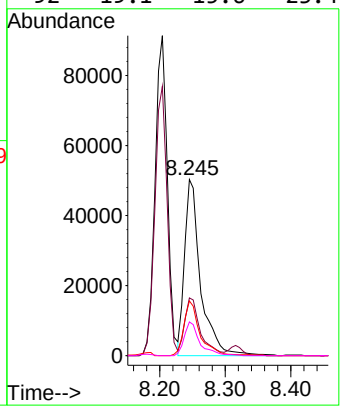


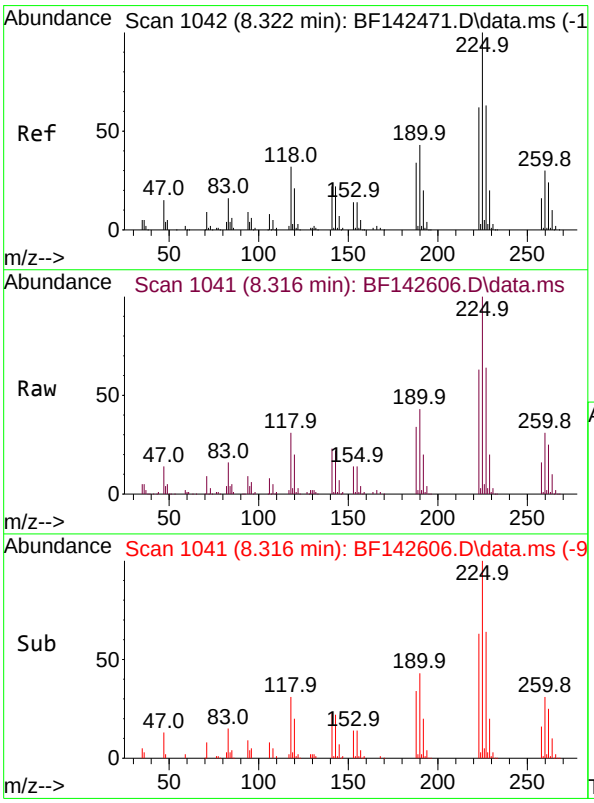
#33
4-Chloroaniline
Concen: 10.025 ng
RT: 8.245 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:127 Resp: 85937

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	31.0	24.9	37.3
92	19.1	15.6	23.4

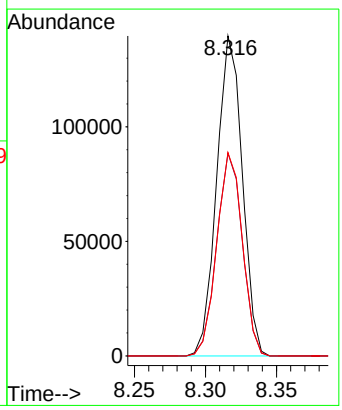


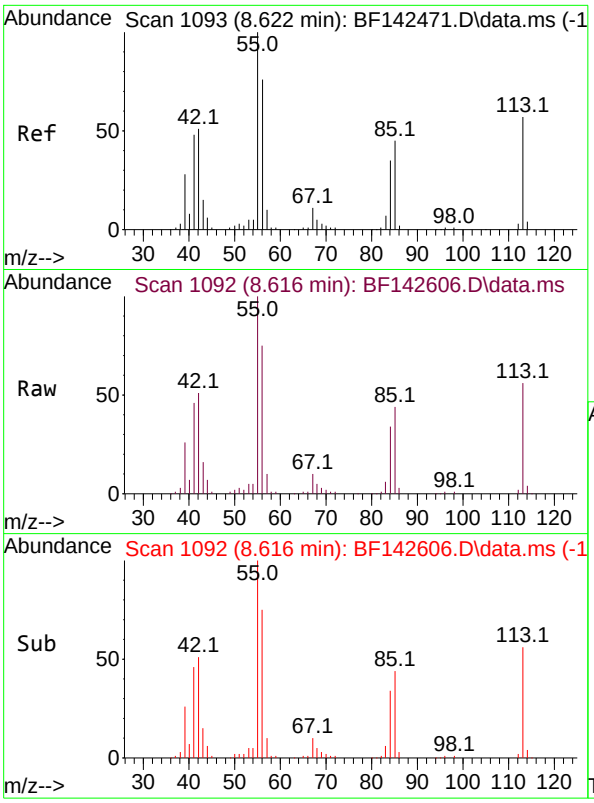


#34
Hexachlorobutadiene
Concen: 42.476 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:225 Resp: 175291

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	63.5	50.3	75.5



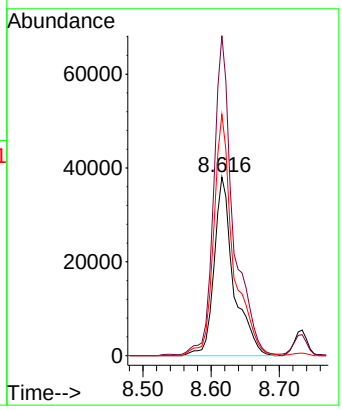


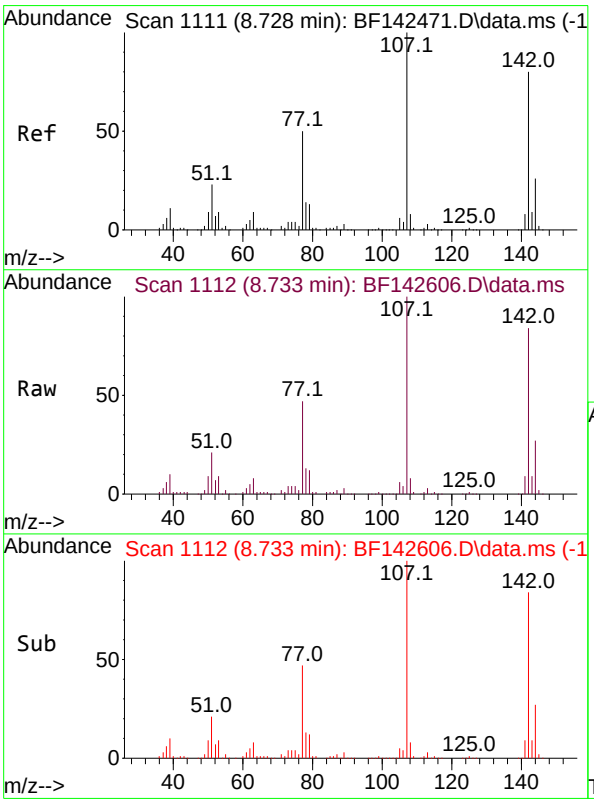
#35
Caprolactam
Concen: 43.999 ng
RT: 8.616 min Scan# 10
Delta R.T. -0.029 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:113 Resp: 75256

Ion	Ratio	Lower	Upper
113	100		
55	179.1	154.7	194.7
56	135.0	113.2	153.2

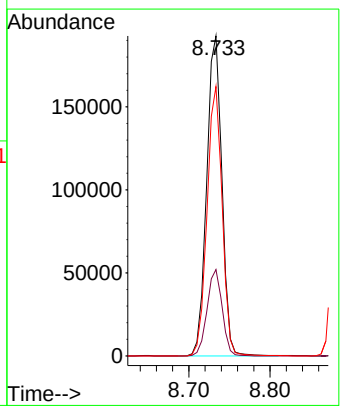


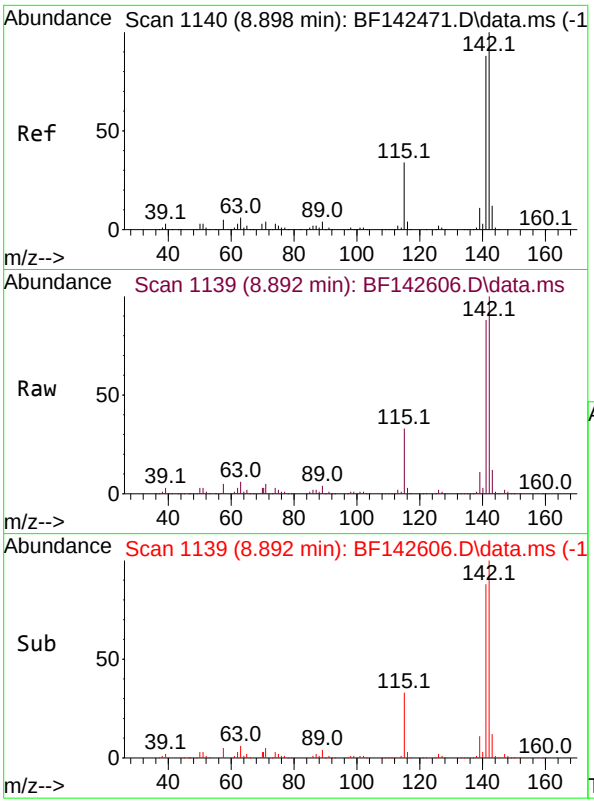


#36
4-Chloro-3-methylphenol
Concen: 40.292 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:107 Resp: 251467

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.9	31.3
142	84.2	64.2	96.2



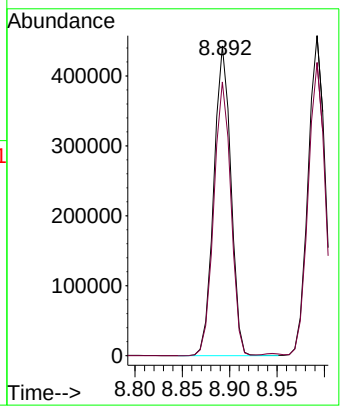


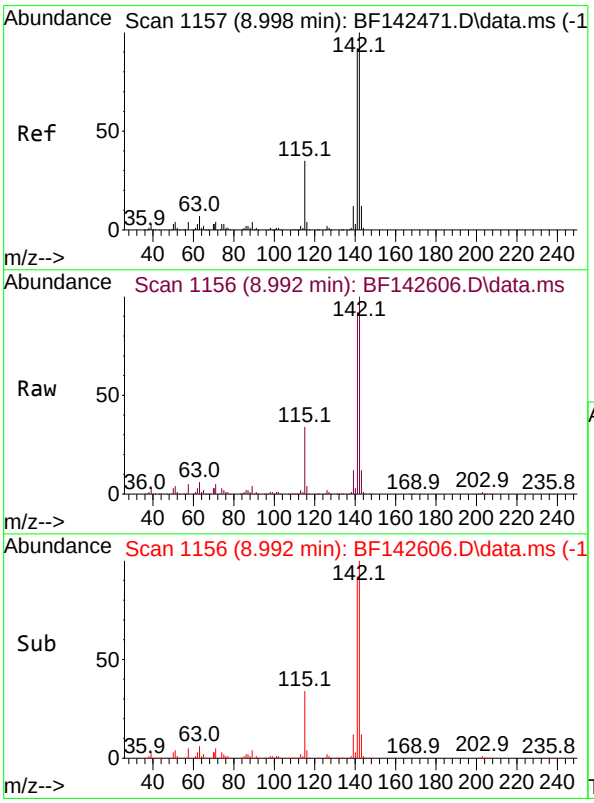
#37
2-Methylnaphthalene
Concen: 41.736 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:142 Resp: 555494

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1

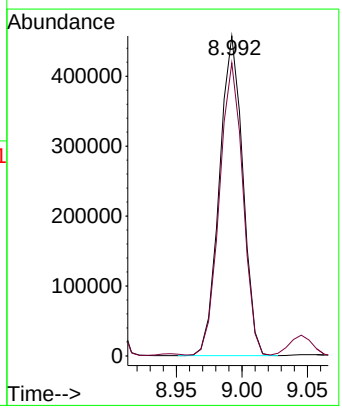


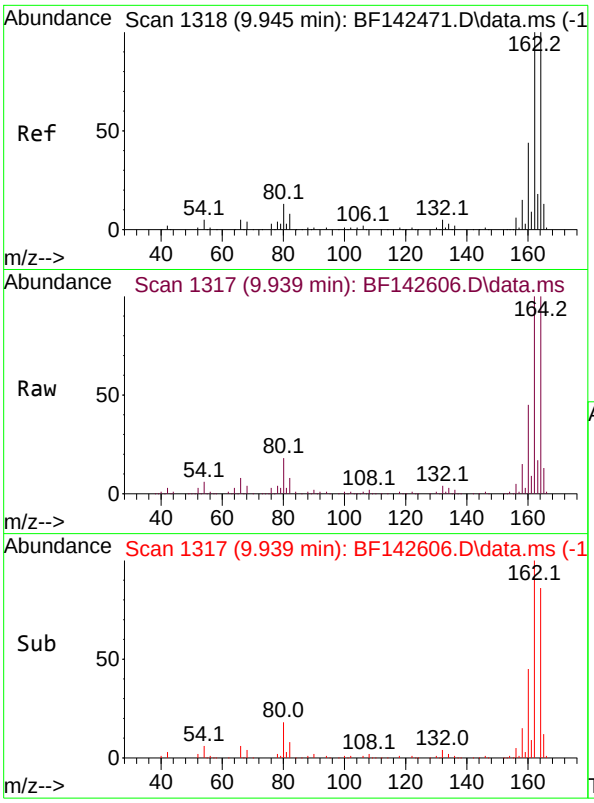


#38
1-Methylnaphthalene
Concen: 41.286 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:142 Resp: 568389

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2



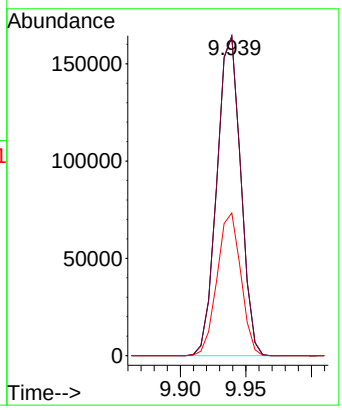


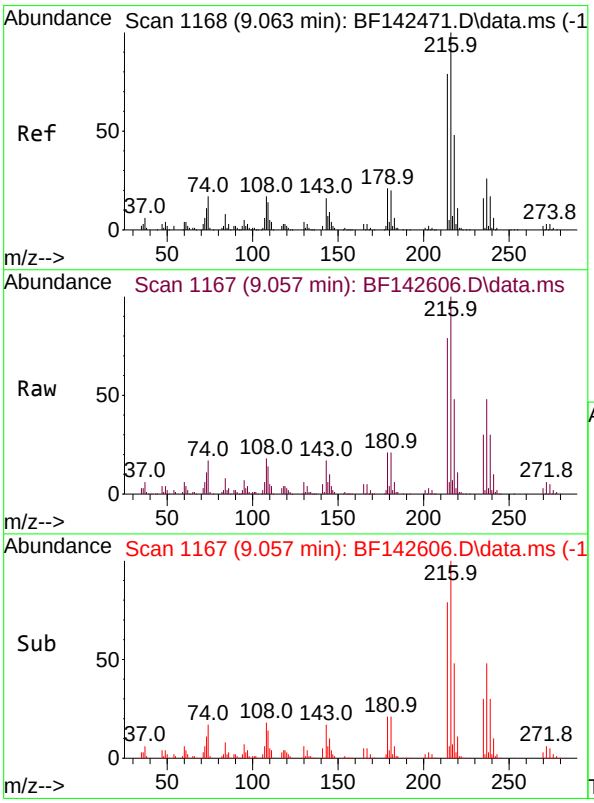
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:164 Resp: 207287

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	44.7	35.6	53.4

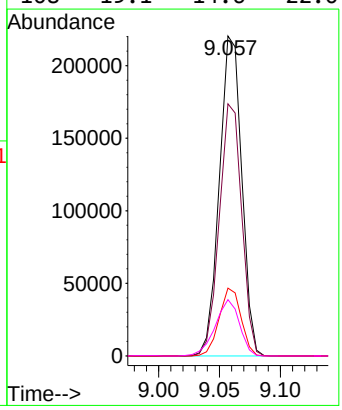


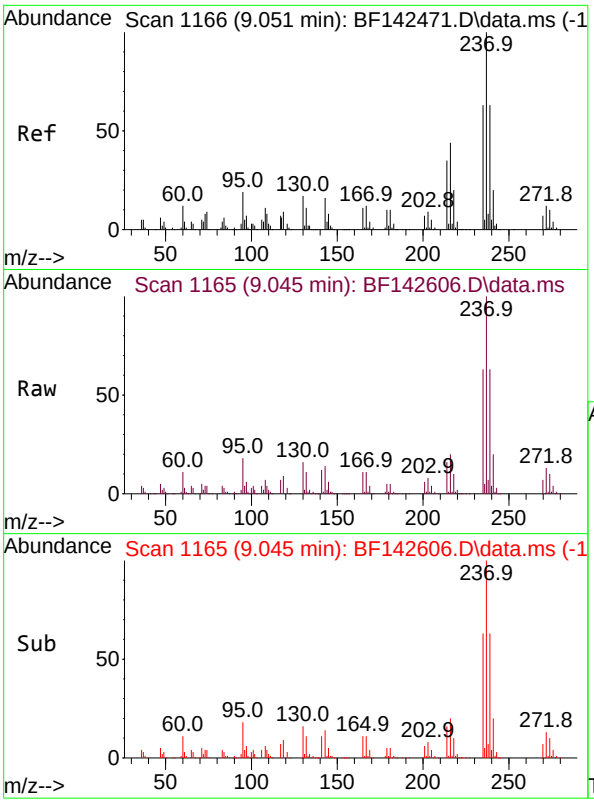


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.326 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:216 Resp: 281606

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	20.7	16.9	25.3
108	19.1	14.6	22.0



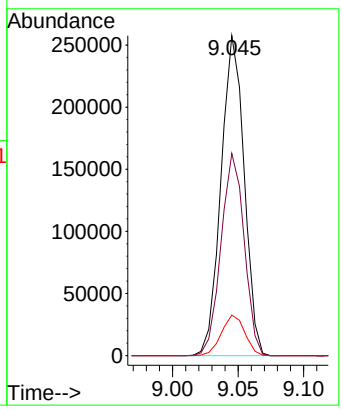


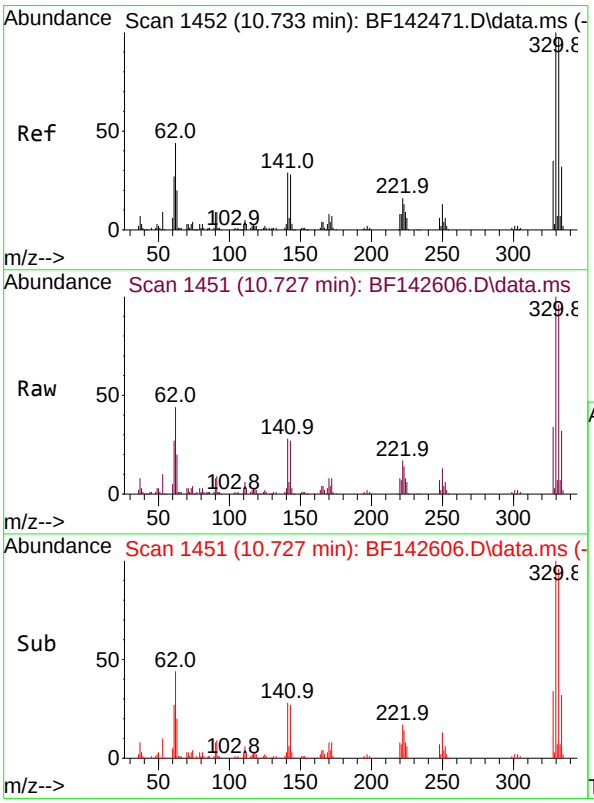
#41
Hexachlorocyclopentadiene
Concen: 79.016 ng
RT: 9.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:237 Resp: 317173

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.3	83.3
272	12.7	0.0	32.4

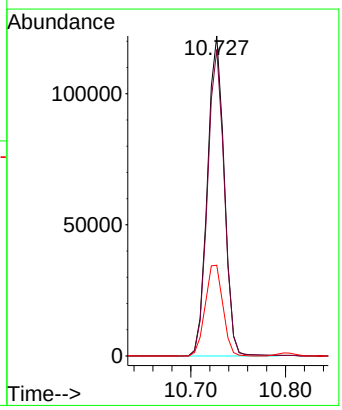


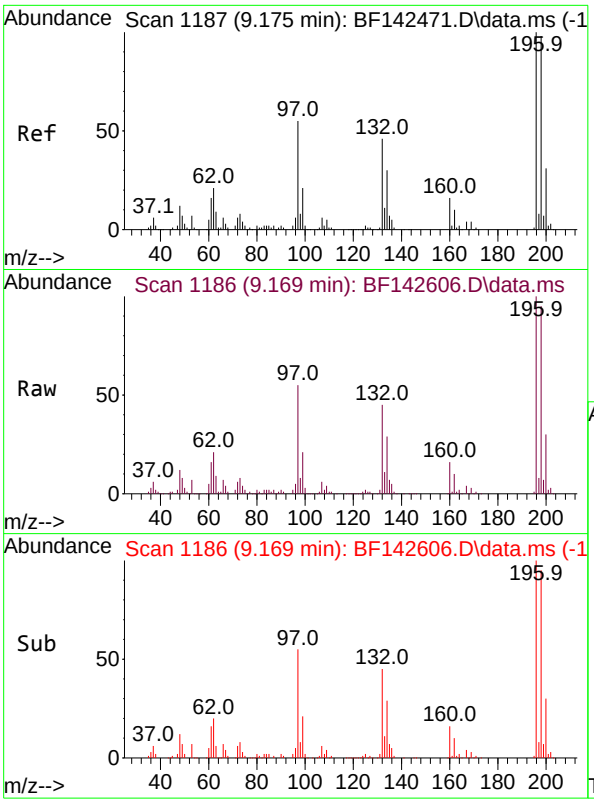


#42
2,4,6-Tribromophenol
Concen: 65.320 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:330 Resp: 150277

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	29.9	24.6	36.8



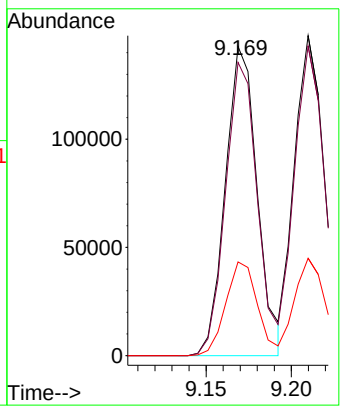


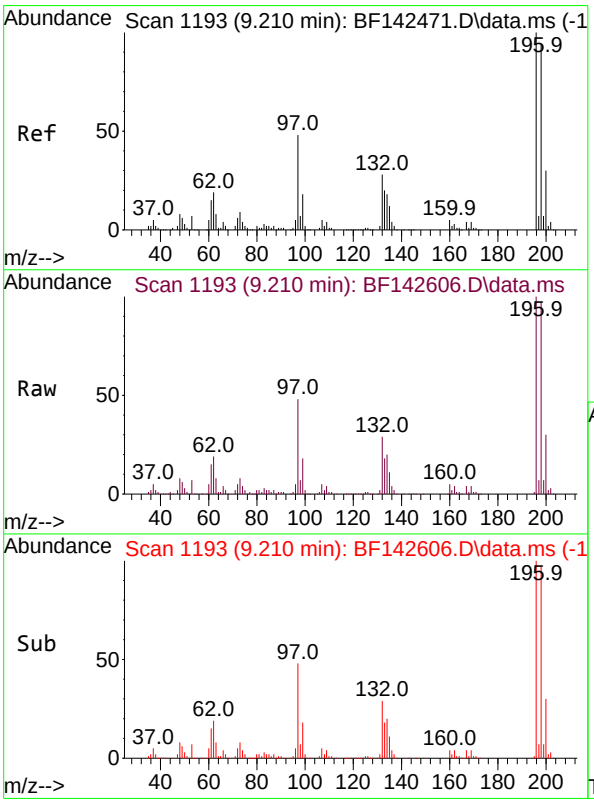
#43
2,4,6-Trichlorophenol
Concen: 46.311 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:196 Resp: 185819

Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.8	118.2
200	30.3	24.9	37.3

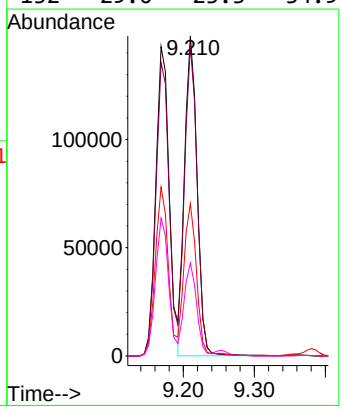


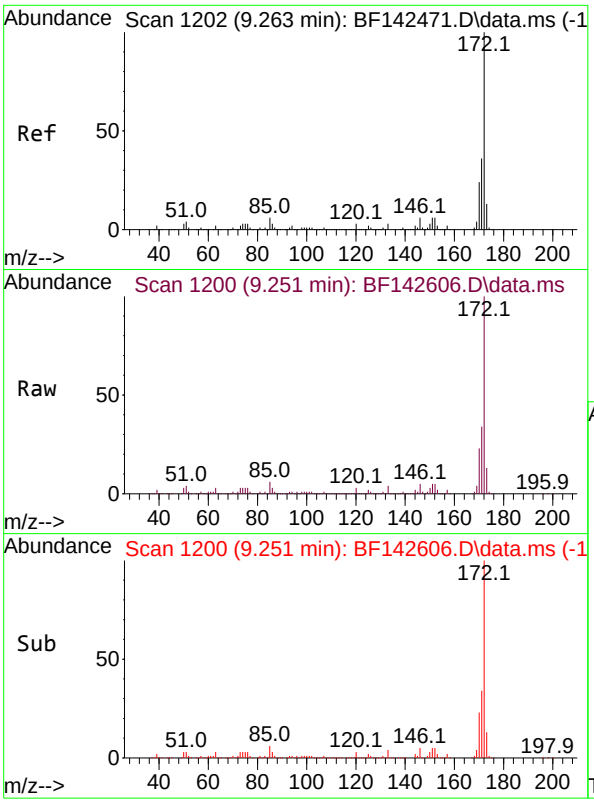


#44
2,4,5-Trichlorophenol
Concen: 43.106 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:196 Resp: 182412

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.5	113.3
97	47.6	39.3	58.9
132	29.0	23.3	34.9



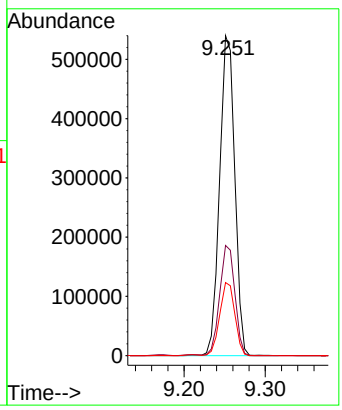


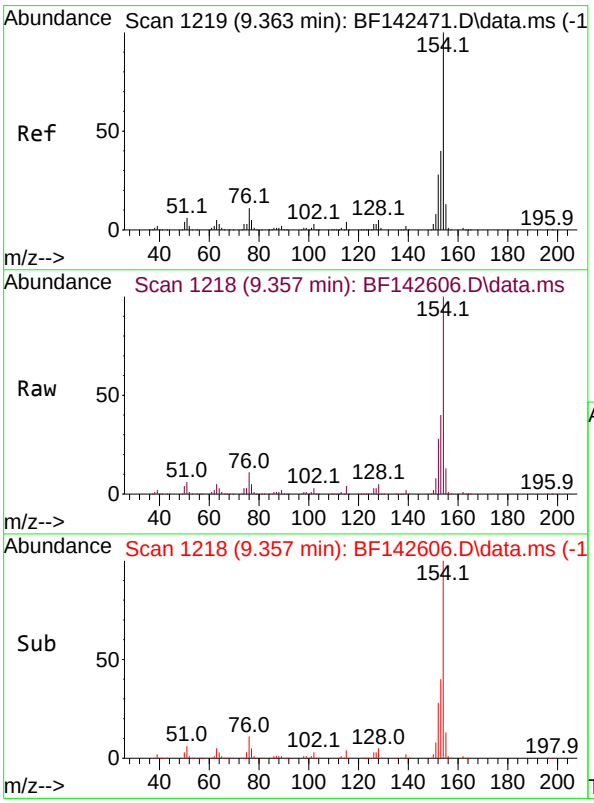
#45
2-Fluorobiphenyl
Concen: 45.136 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:172 Resp: 697253

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.8	18.9	28.3

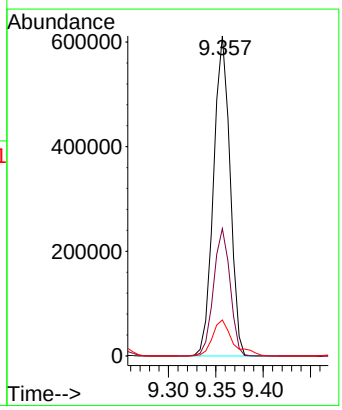


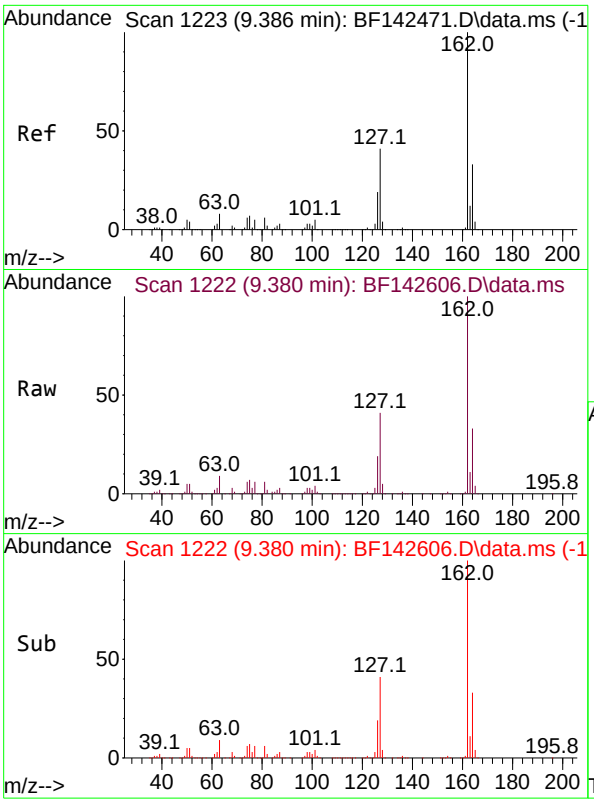


#46
1,1'-Biphenyl
Concen: 46.086 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:154 Resp: 741150

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	11.2	0.0	30.8



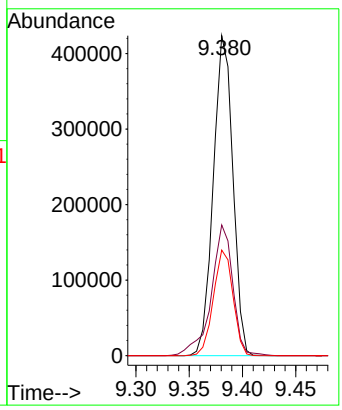


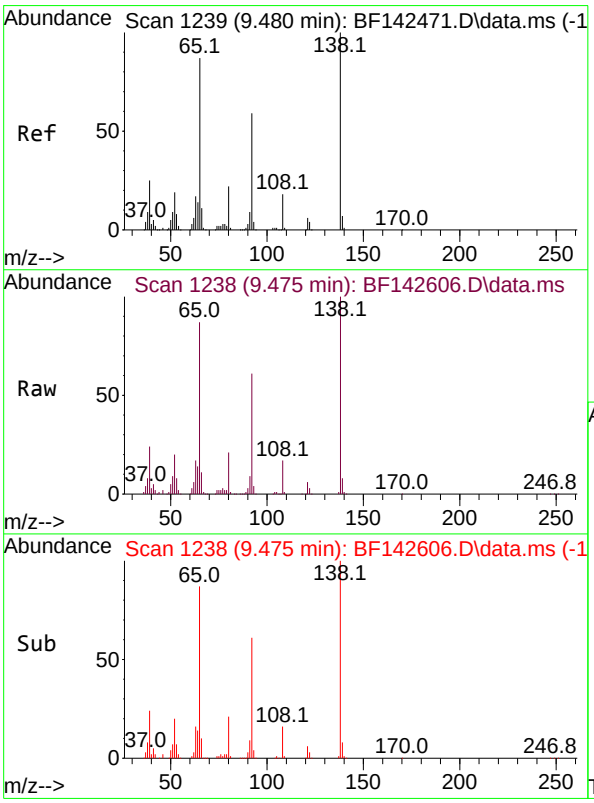
#47
2-Chloronaphthalene
Concen: 45.678 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:162 Resp: 542733

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.5	50.3
164	33.0	26.1	39.1

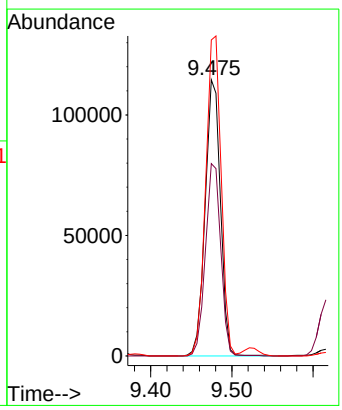


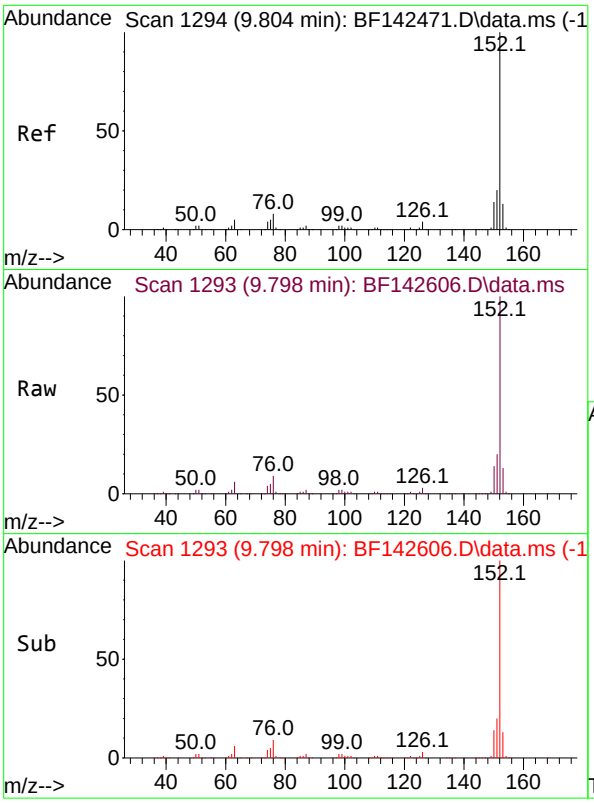


#48
2-Nitroaniline
Concen: 43.676 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 65 Resp: 149998

Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.4	81.6
138	114.4	91.4	137.2



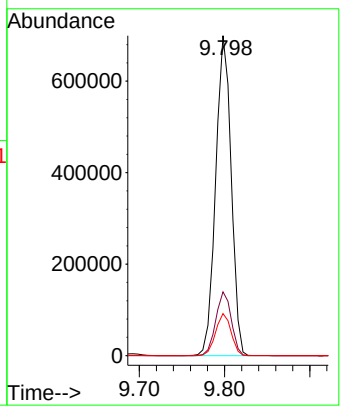


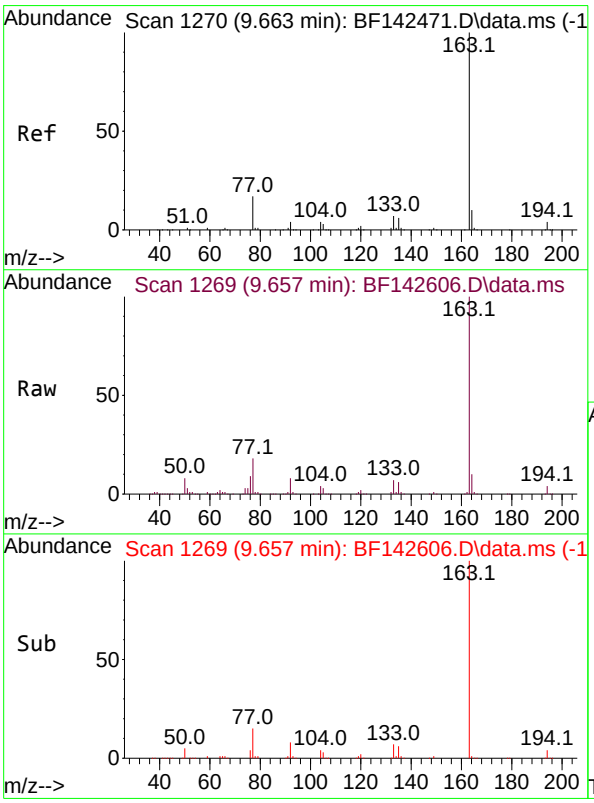
#49
Acenaphthylene
Concen: 44.071 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:152 Resp: 884211

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.1	10.6	15.8

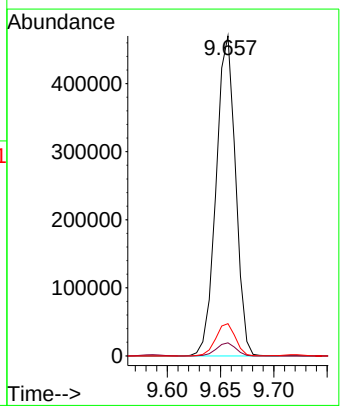


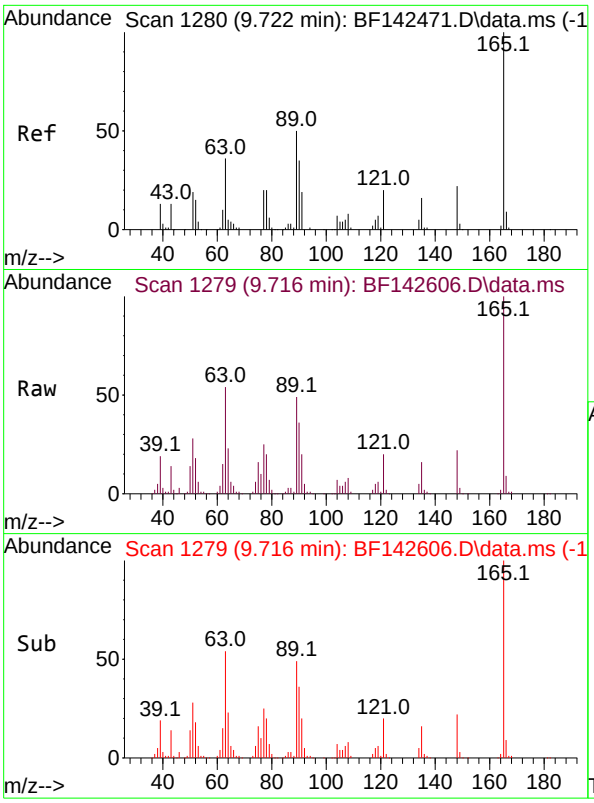


#50
Dimethylphthalate
Concen: 43.666 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:163 Resp: 597235

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.2	12.4



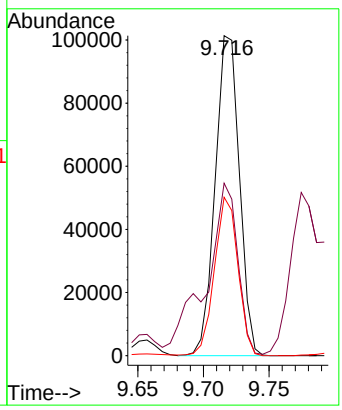


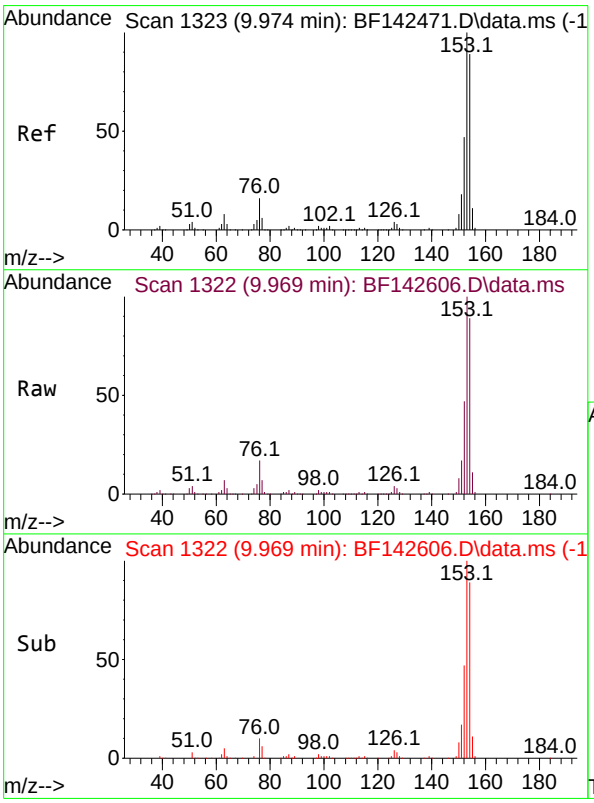
#51
2,6-Dinitrotoluene
Concen: 44.177 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:165 Resp: 130411

Ion	Ratio	Lower	Upper
165	100		
63	53.9	42.9	64.3
89	49.5	40.2	60.4

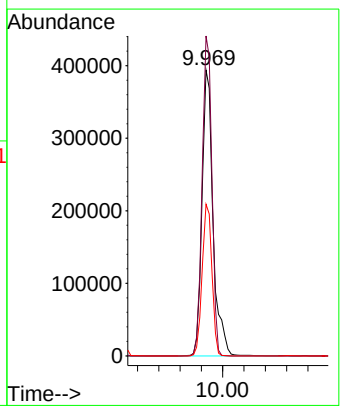


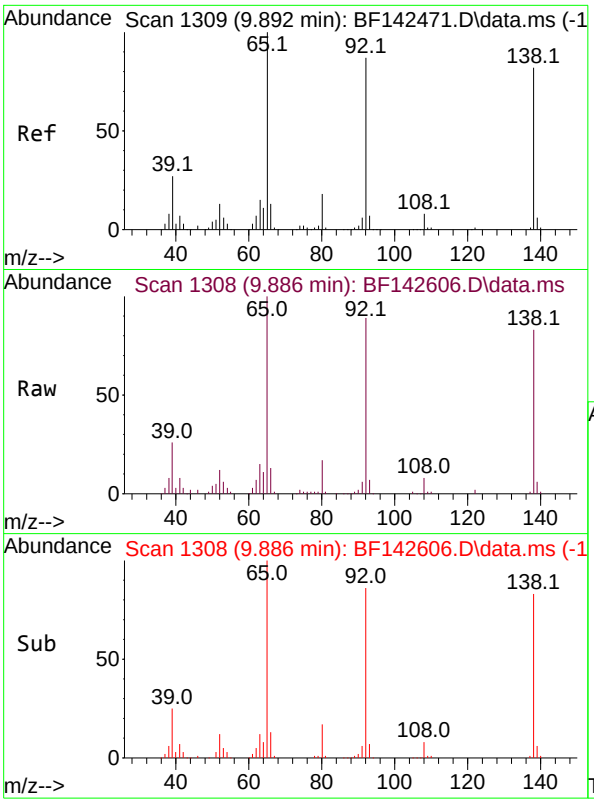


#52
Acenaphthene
Concen: 46.264 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:154 Resp: 566786

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.0	135.0
152	53.1	42.6	64.0



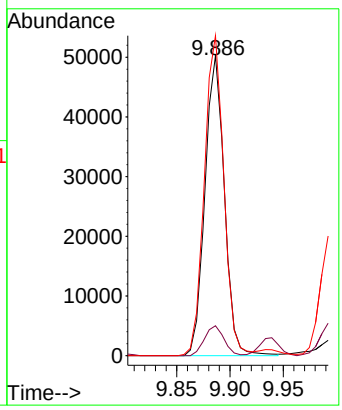


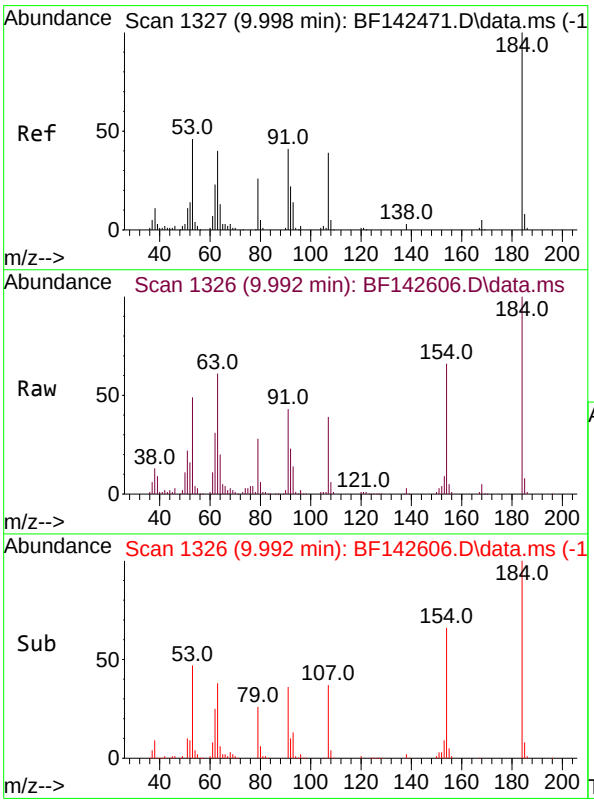
#53
3-Nitroaniline
Concen: 19.751 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:138 Resp: 63685

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	106.6	85.2	127.8

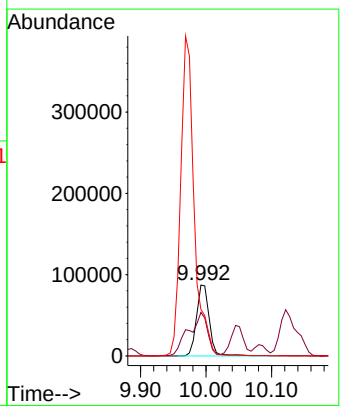


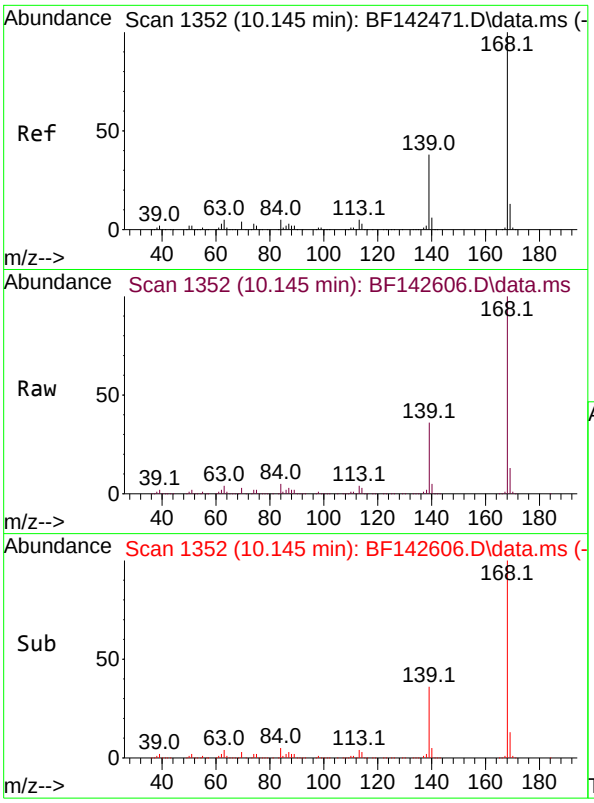


#54
2,4-Dinitrophenol
Concen: 76.892 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:184 Resp: 117271

Ion	Ratio	Lower	Upper
184	100		
63	61.4	46.3	69.5
154	65.7	56.8	85.2



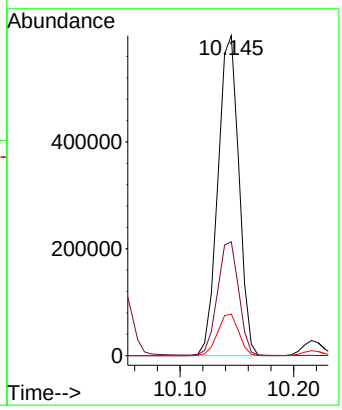


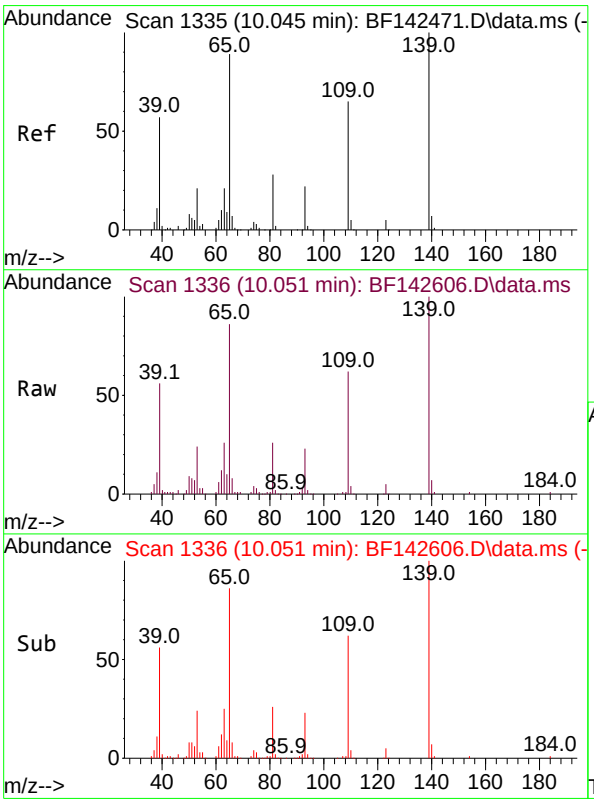
#55
Dibenzofuran
Concen: 43.498 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:168 Resp: 766850

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.2	45.2
169	13.0	10.7	16.1

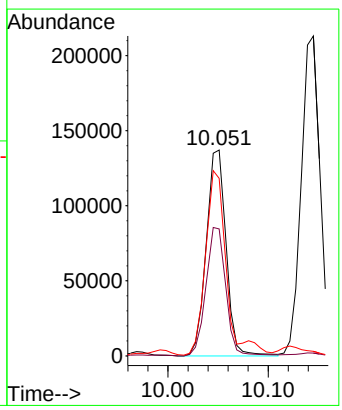


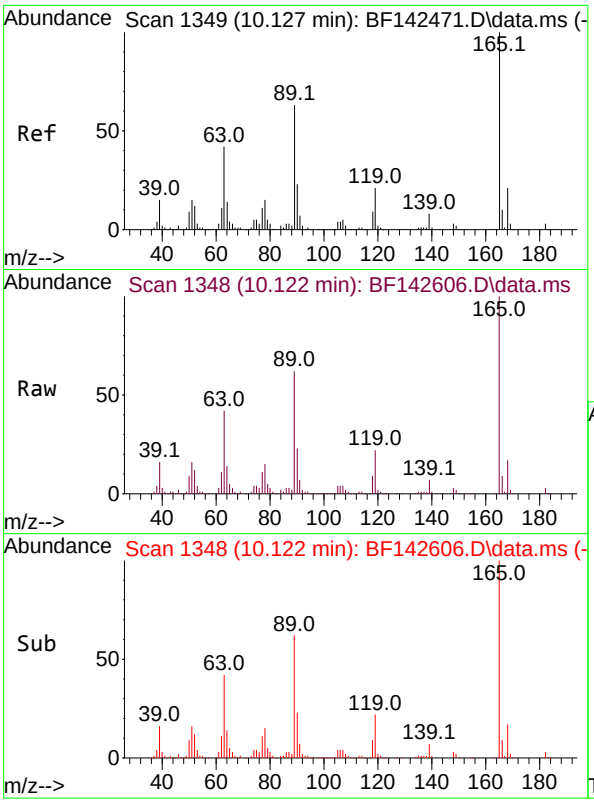


#56
4-Nitrophenol
Concen: 79.063 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:139 Resp: 188095

Ion	Ratio	Lower	Upper
139	100		
109	61.7	45.1	85.1
65	86.2	69.7	109.7



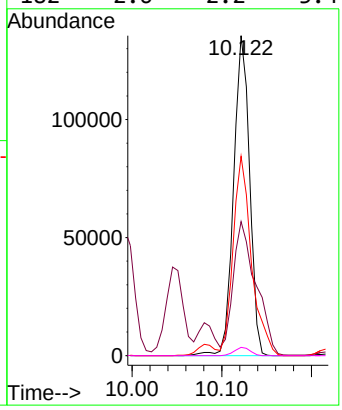


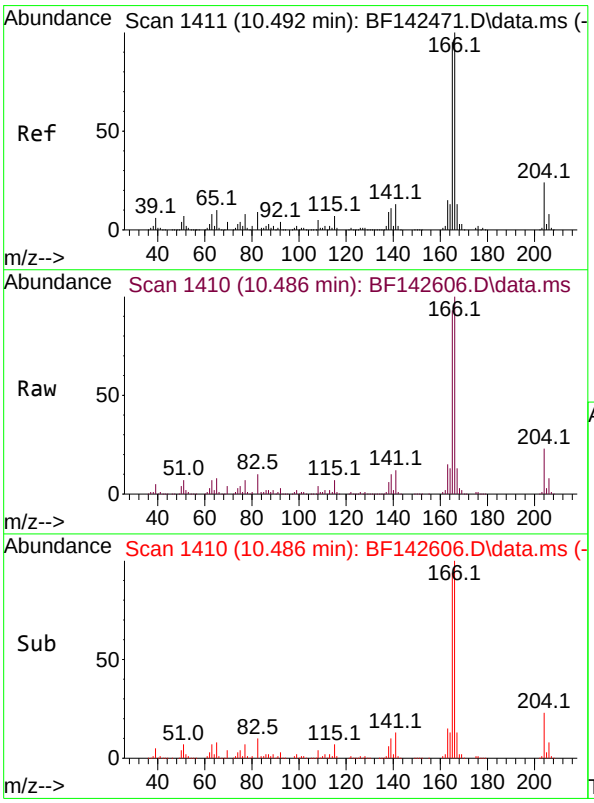
#57
2,4-Dinitrotoluene
Concen: 43.754 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:165 Resp: 168682

Ion	Ratio	Lower	Upper
165	100		
63	41.9	33.6	50.4
89	62.3	50.2	75.4
182	2.6	2.2	3.4

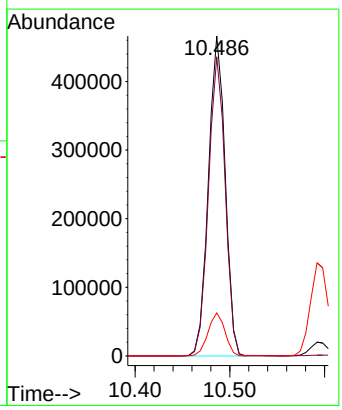


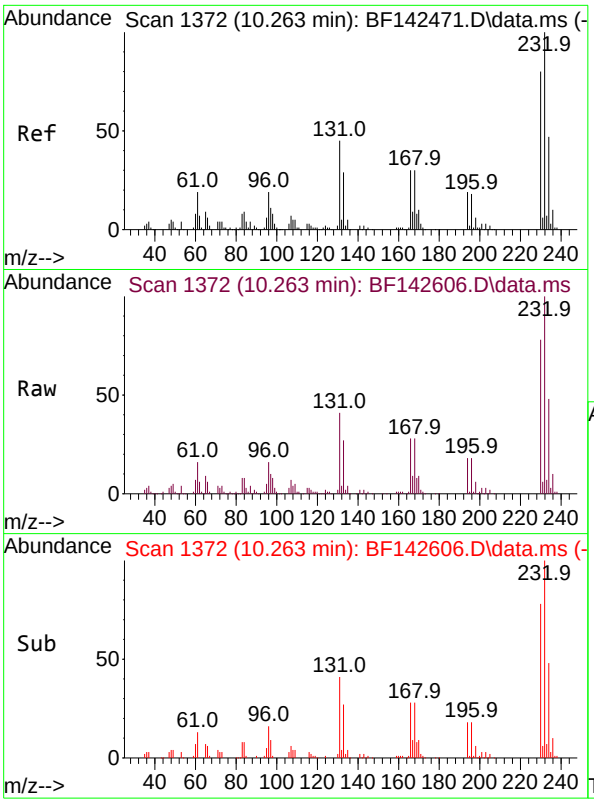


#58
Fluorene
Concen: 42.066 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:166 Resp: 572933

Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.8	113.8
167	13.4	10.6	16.0



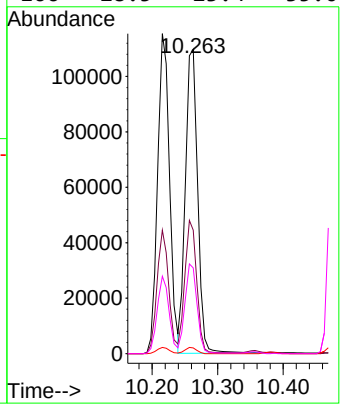


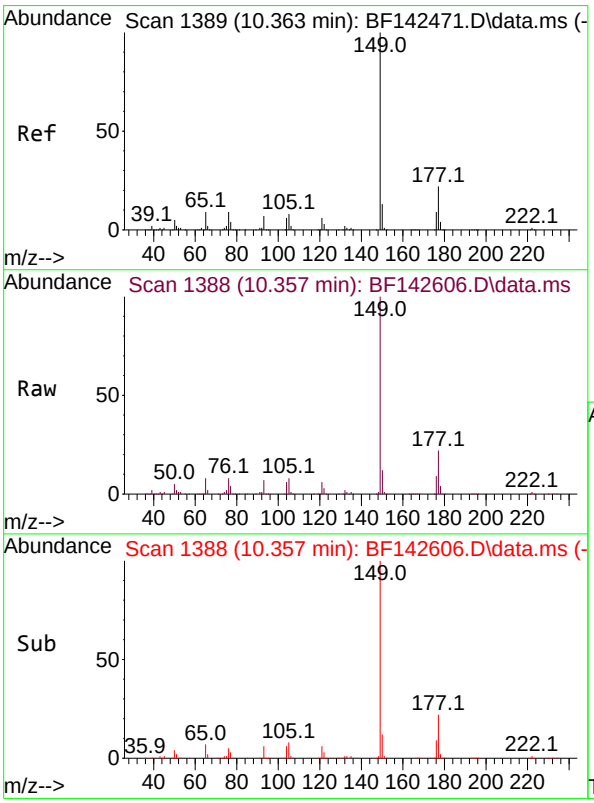
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.613 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:232 Resp: 143474

Ion	Ratio	Lower	Upper
232	100		
131	41.9	35.2	52.8
130	1.9	1.7	2.5
166	28.5	23.4	35.0

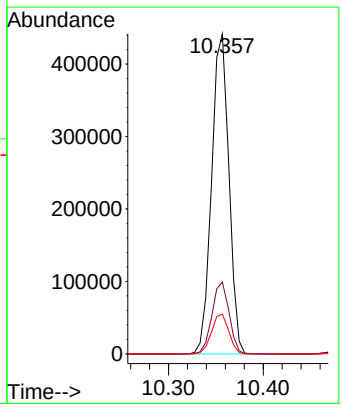


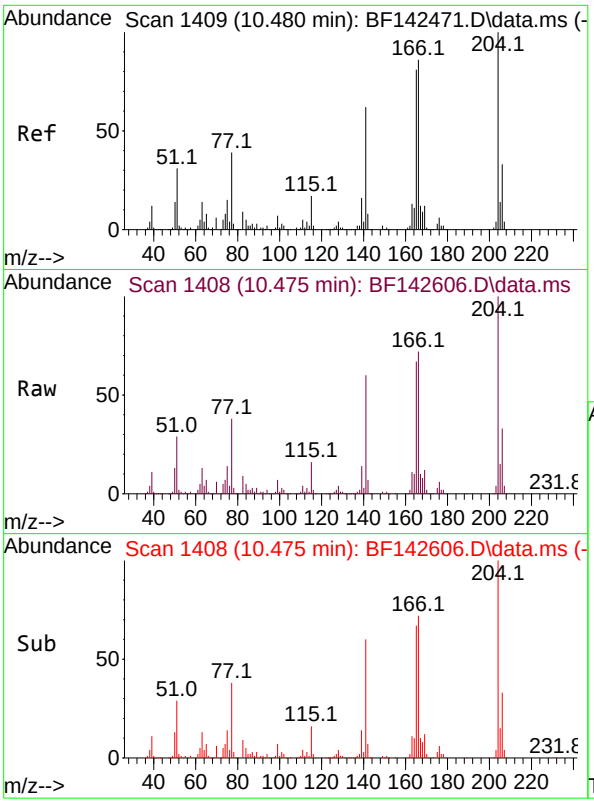


#60
Diethylphthalate
Concen: 41.870 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 559299

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.4	10.1	15.1



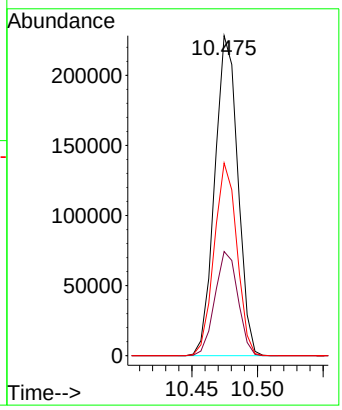


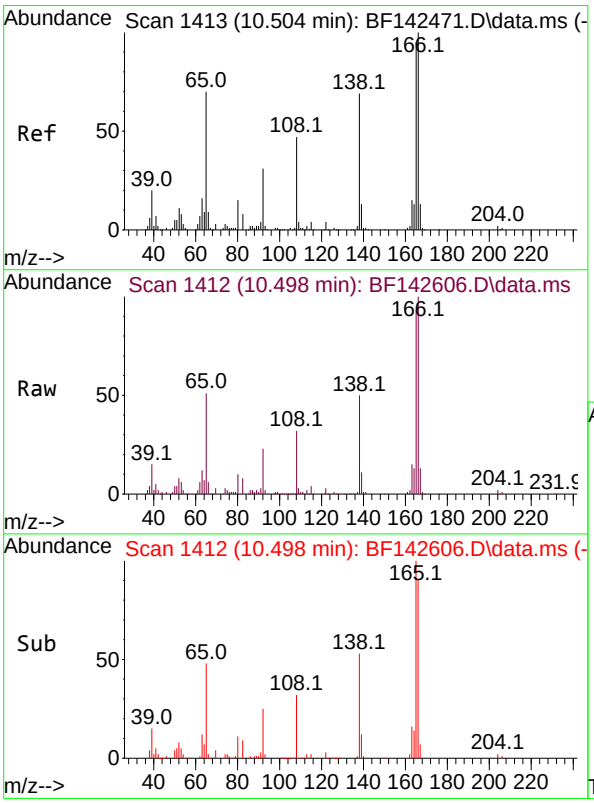
#61
4-Chlorophenyl-phenylether
Concen: 41.802 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:204 Resp: 279681

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	60.2	49.5	74.3

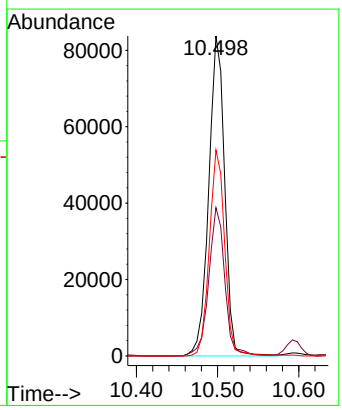


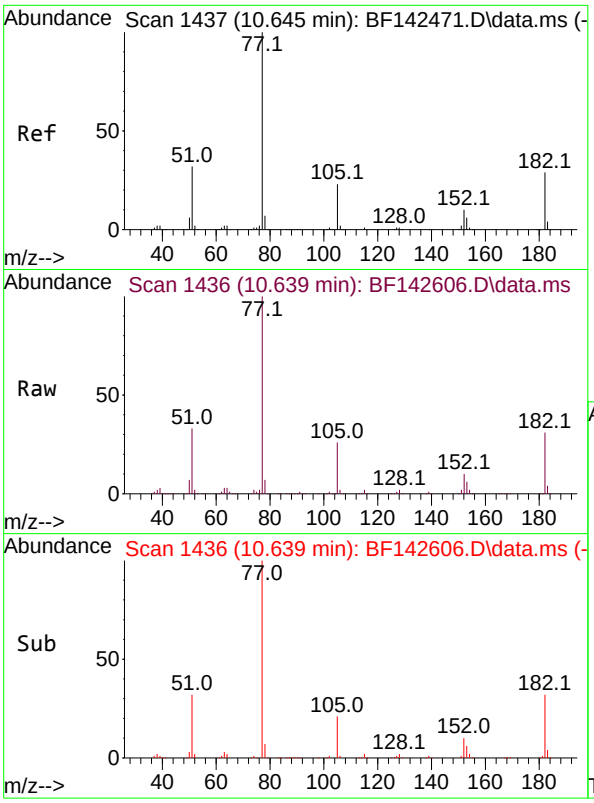


#62
4-Nitroaniline
Concen: 39.123 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:138 Resp: 114406

Ion	Ratio	Lower	Upper
138	100		
92	46.3	26.0	66.0
108	64.3	48.4	88.4



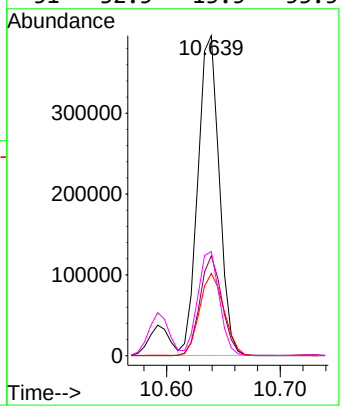


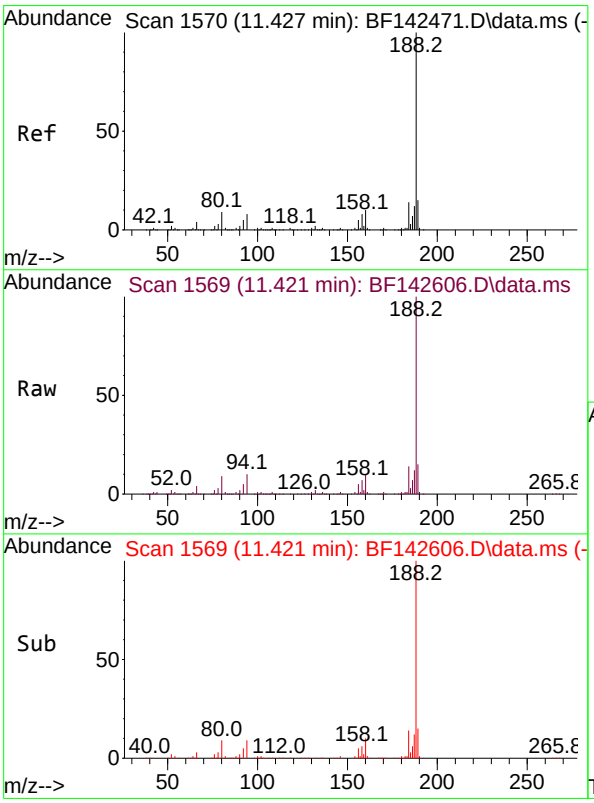
#63
Azobenzene
Concen: 43.145 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 77 Resp: 517652

Ion	Ratio	Lower	Upper
77	100		
182	31.2	9.0	49.0
105	25.7	2.4	42.4
51	32.5	13.5	53.5

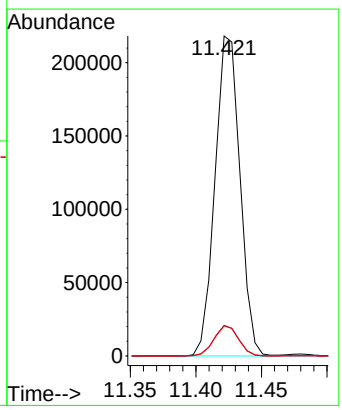


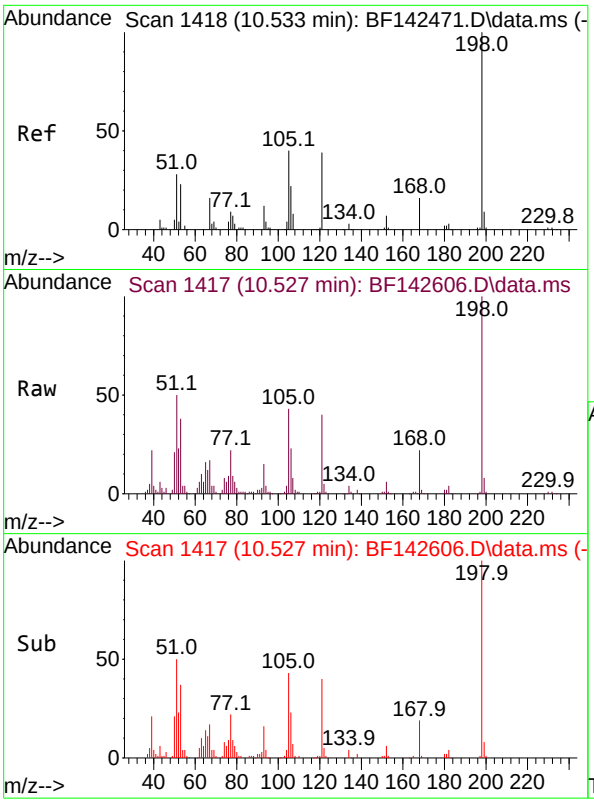


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:188 Resp: 289513

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	9.4	7.4	11.0



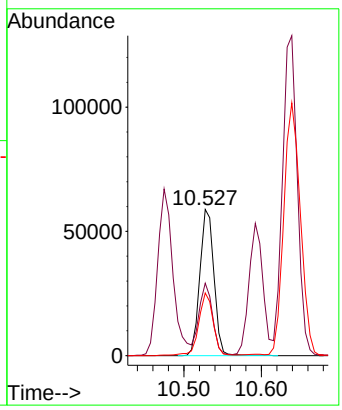


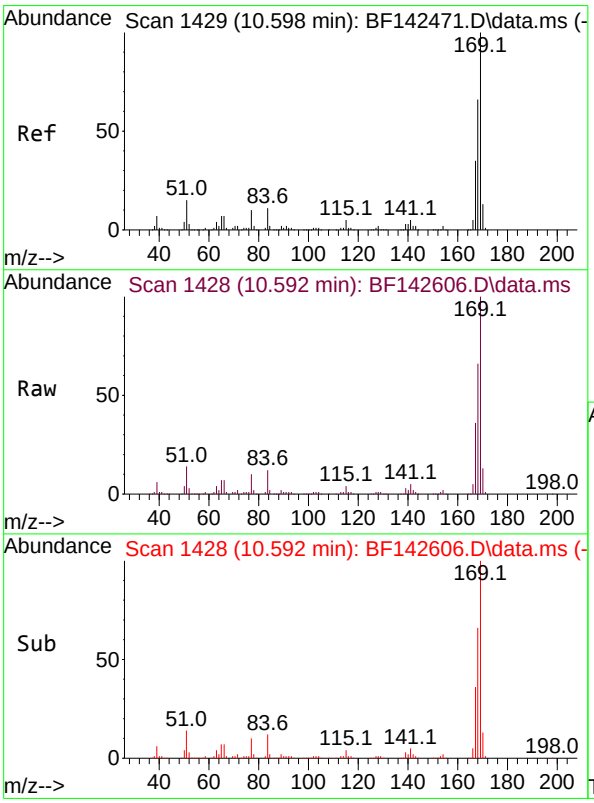
#65
4,6-Dinitro-2-methylphenol
Concen: 46.046 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:198 Resp: 74396

Ion	Ratio	Lower	Upper
198	100		
51	49.6	28.3	68.3
105	42.8	21.3	61.3

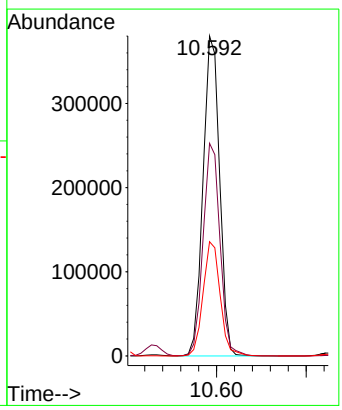


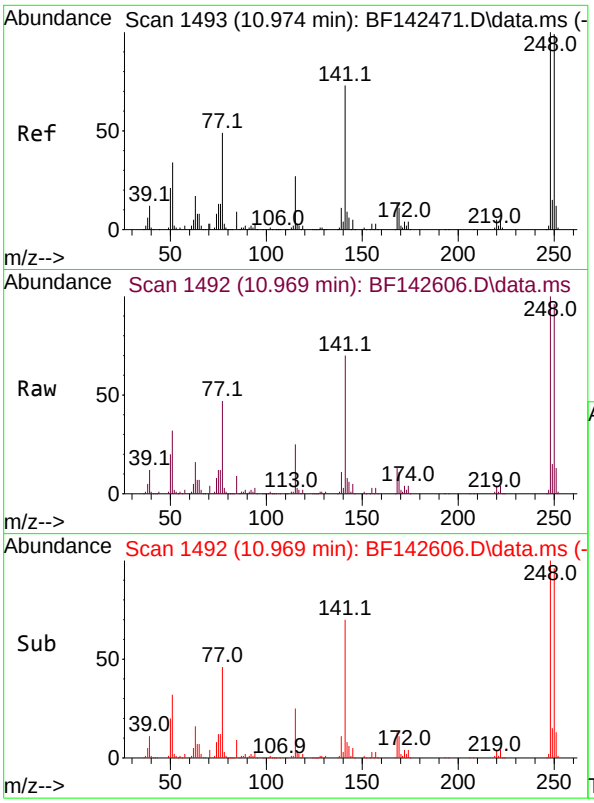


#66
n-Nitrosodiphenylamine
Concen: 49.064 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:169 Resp: 485968

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.7	79.1
167	35.7	28.3	42.5



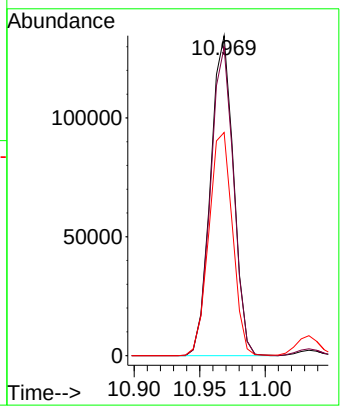


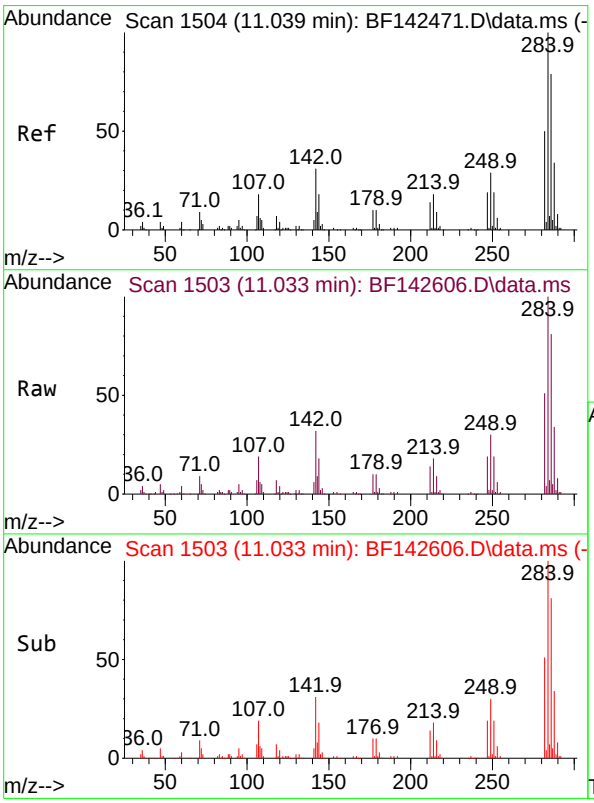
#67
4-Bromophenyl-phenylether
Concen: 47.990 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:248 Resp: 164283

Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.0	118.4
141	69.7	58.4	87.6

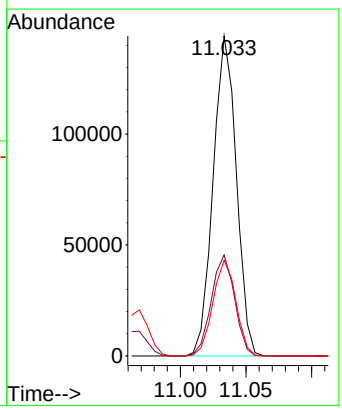


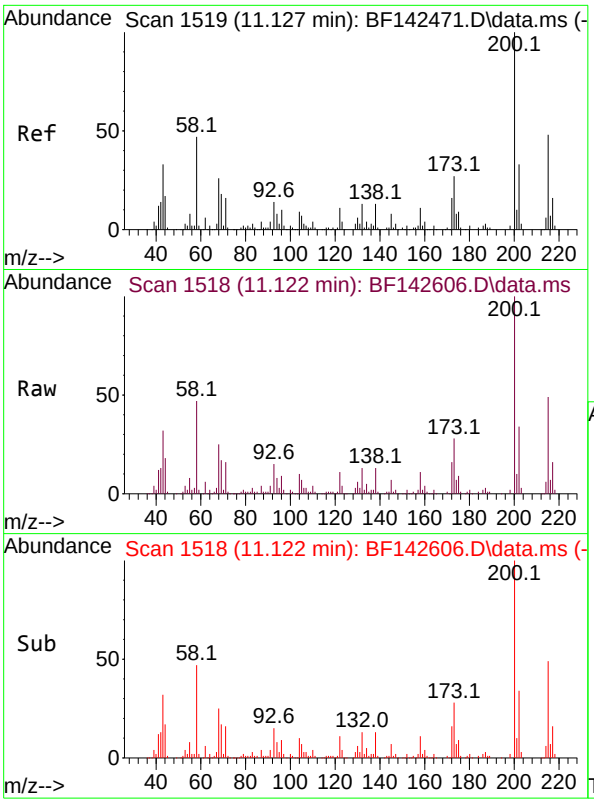


#68
Hexachlorobenzene
Concen: 46.903 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:284 Resp: 177585

Ion	Ratio	Lower	Upper
284	100		
142	31.5	24.8	37.2
249	29.9	23.6	35.4



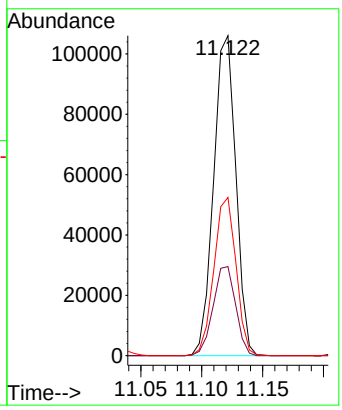


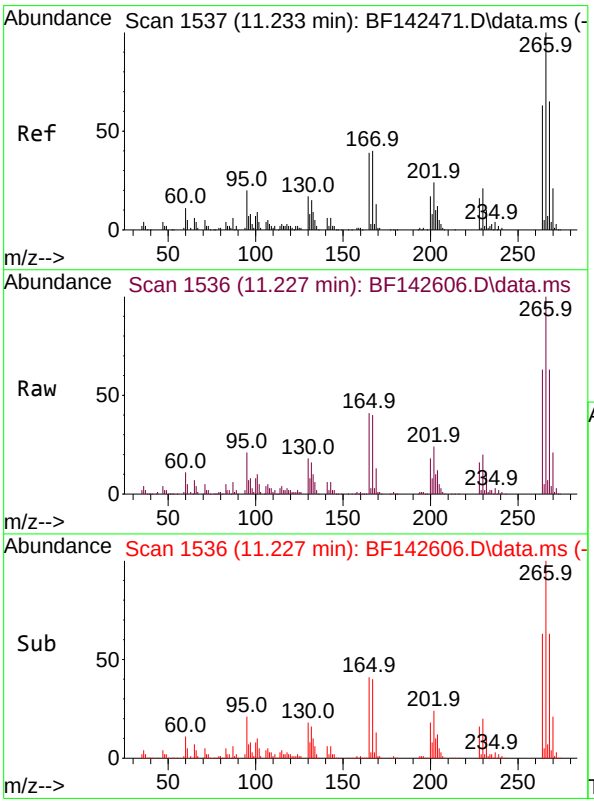
#69
Atrazine
Concen: 51.281 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:200 Resp: 134893

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	49.4	28.5	68.5

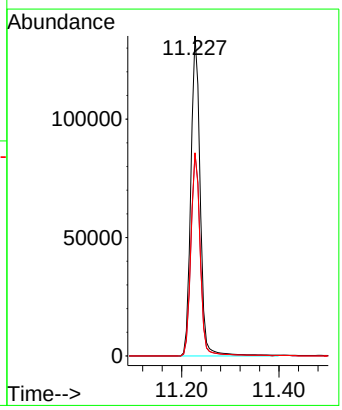


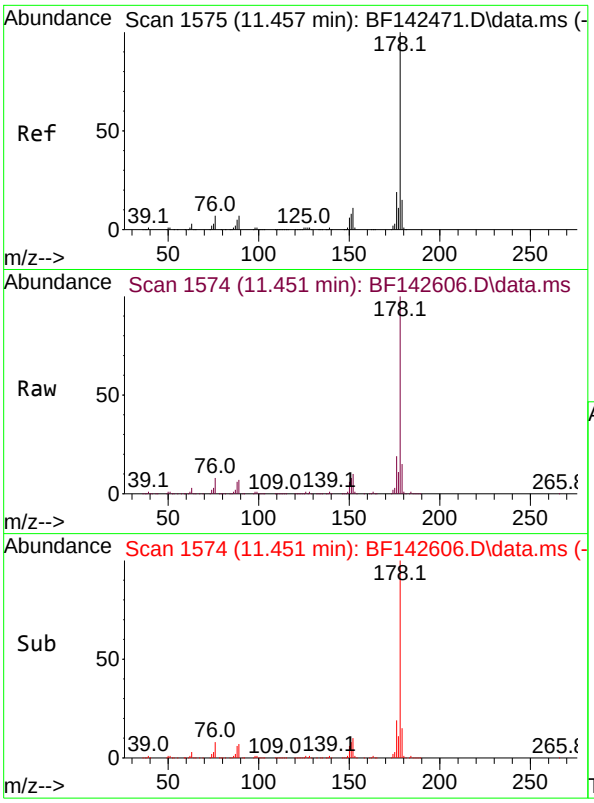


#70
Pentachlorophenol
Concen: 83.771 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:266 Resp: 179072

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	63.5	50.4	75.6



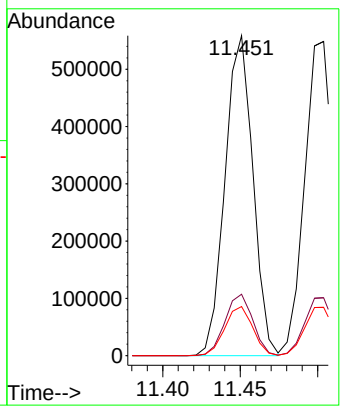


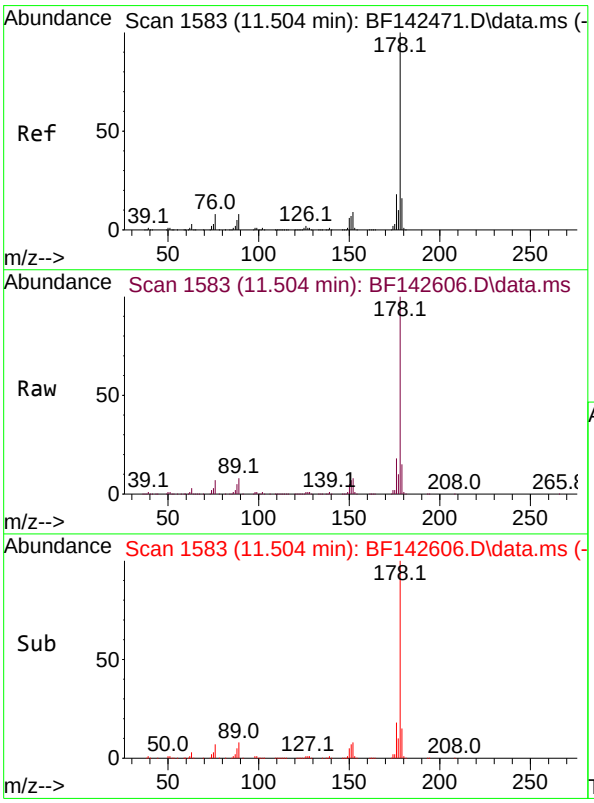
#71
Phenanthrene
Concen: 45.200 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:178 Resp: 699348

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.3	18.5

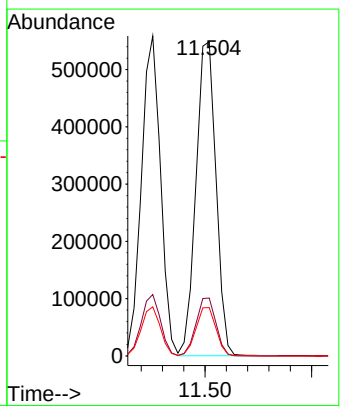


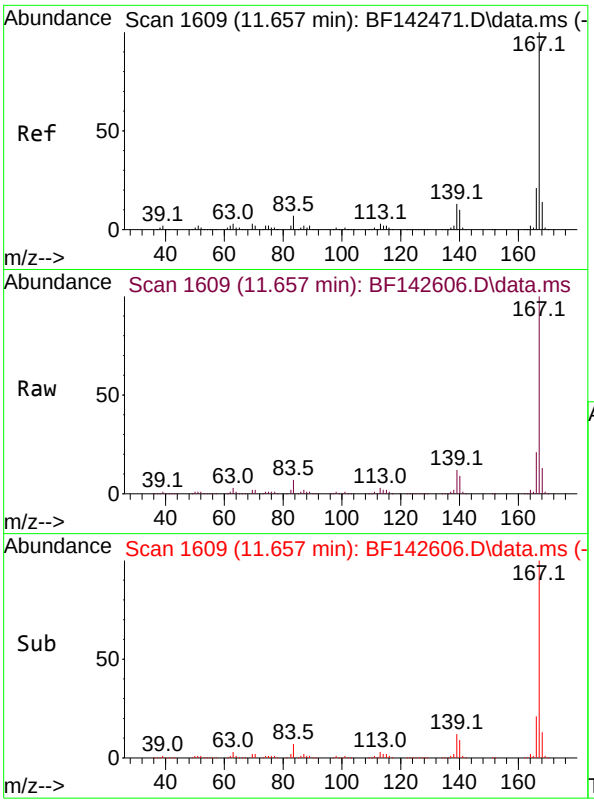


#72
Anthracene
Concen: 45.161 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:178 Resp: 713117

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.4	12.4	18.6



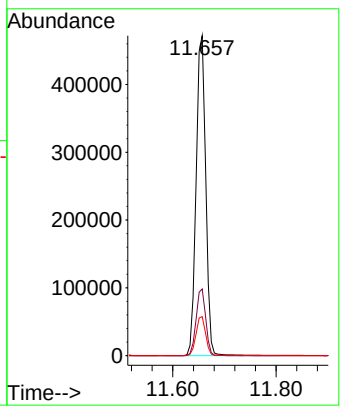


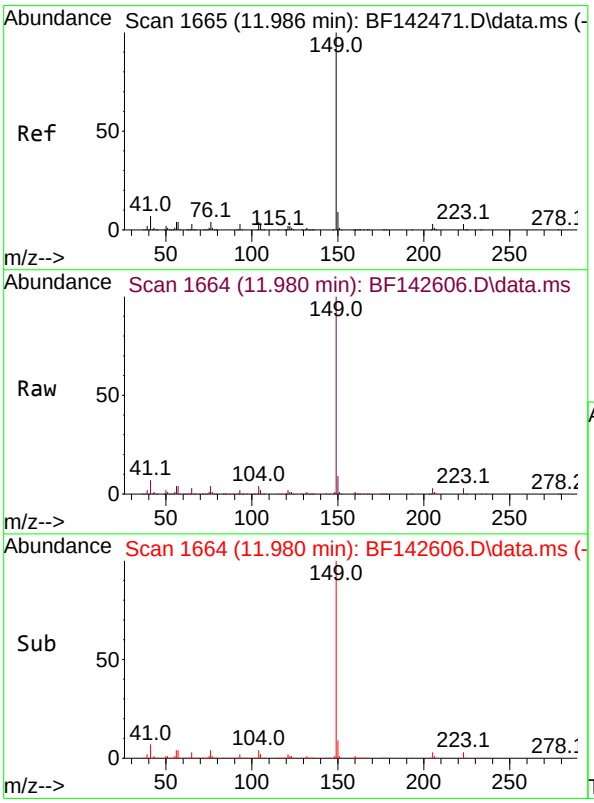
#73
Carbazole
Concen: 45.135 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:167 Resp: 609293

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.9	25.3
139	12.2	10.2	15.4

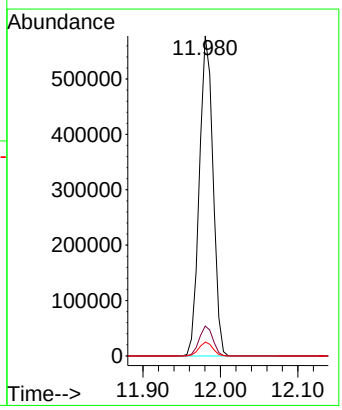


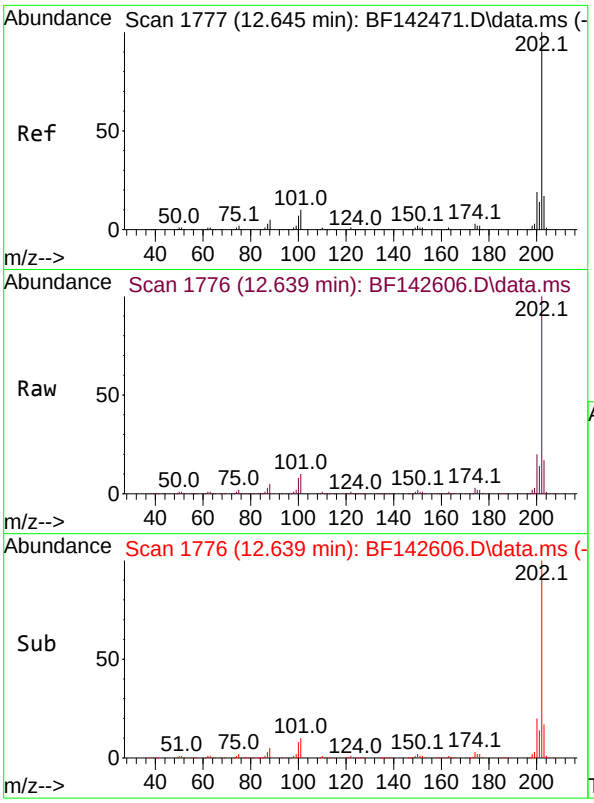


#74
Di-n-butylphthalate
Concen: 47.884 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 707550

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.3	3.6	5.4



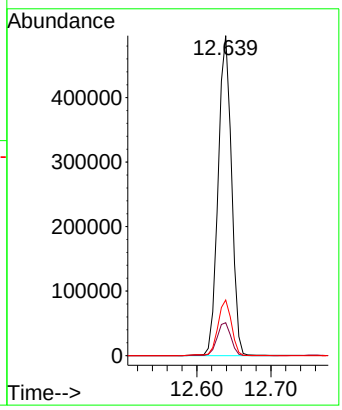


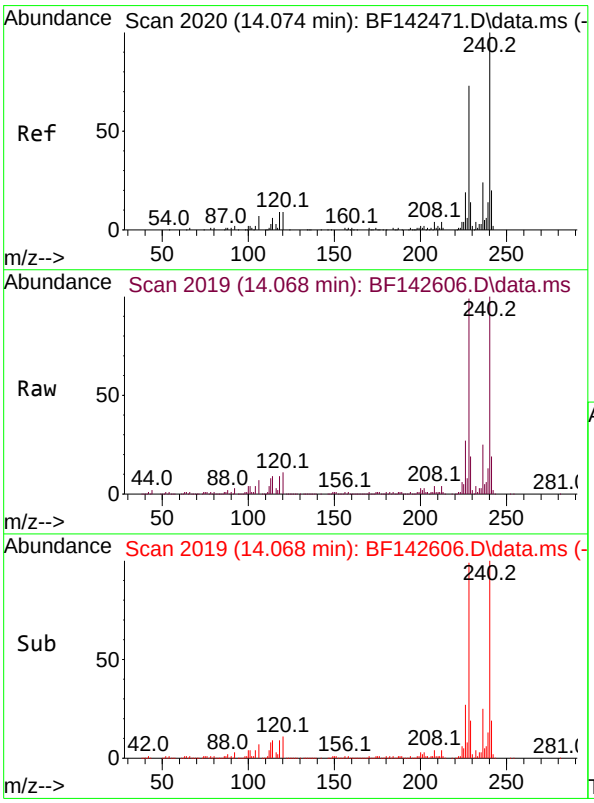
#75
Fluoranthene
Concen: 42.963 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:202 Resp: 621123

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.6
203	17.4	0.0	37.2

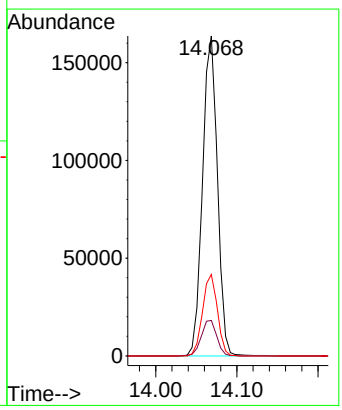


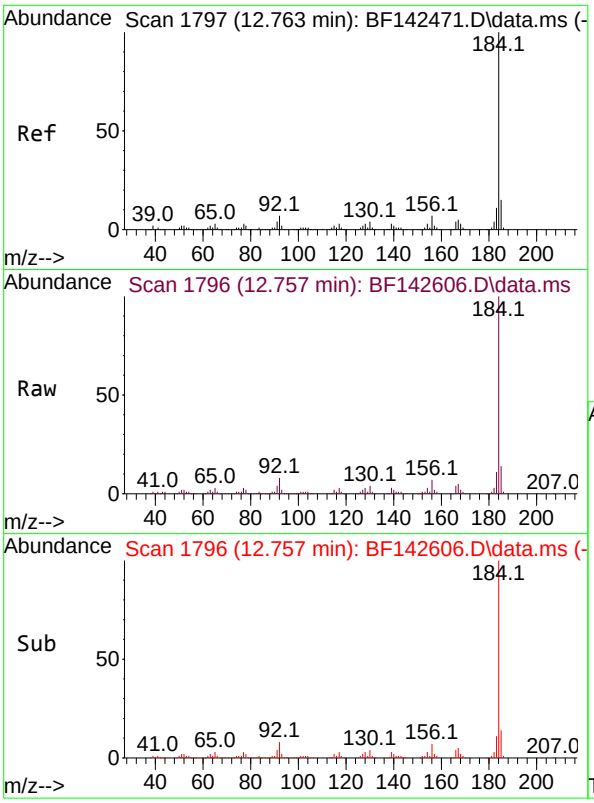


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:240 Resp: 207868

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.5	11.3
236	25.4	19.6	29.4



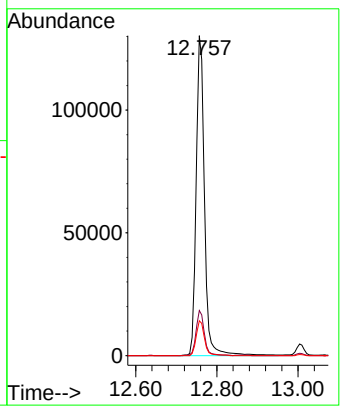


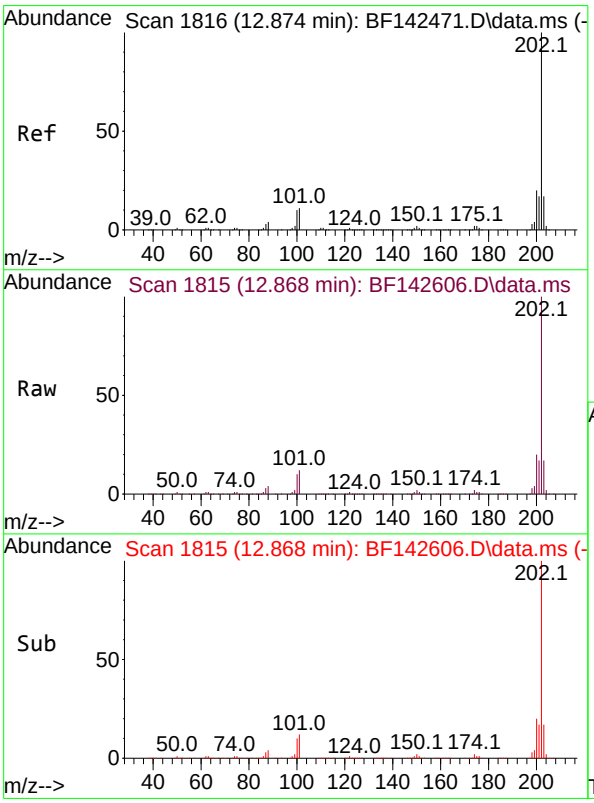
#77
Benzidine
Concen: 23.827 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:184 Resp: 184313

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	10.9	9.0	13.4

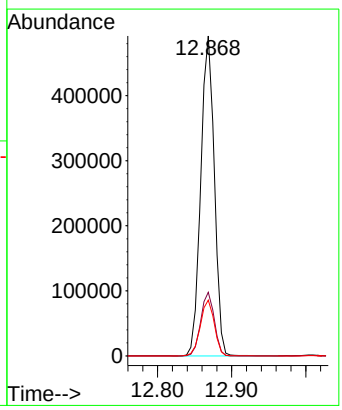


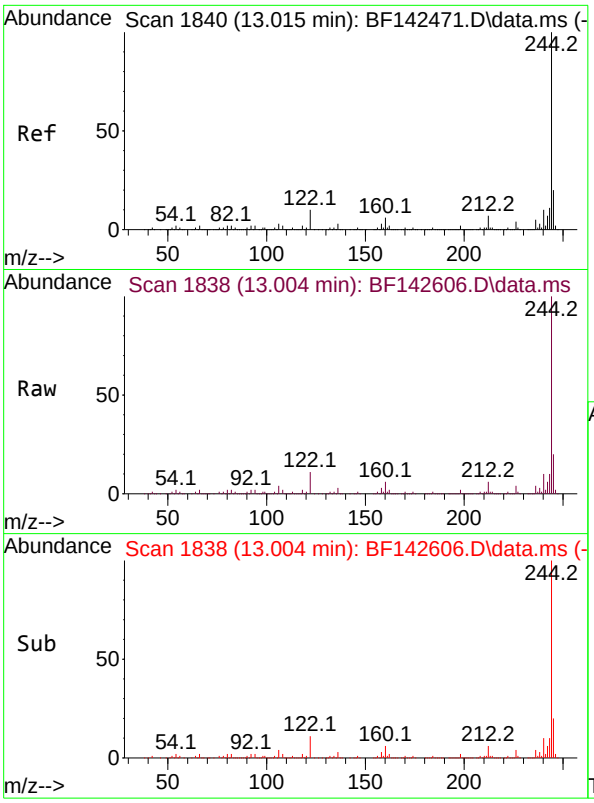


#78
Pyrene
Concen: 32.286 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:202 Resp: 626053

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.4	13.9	20.9



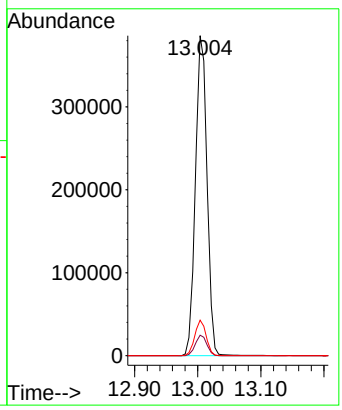


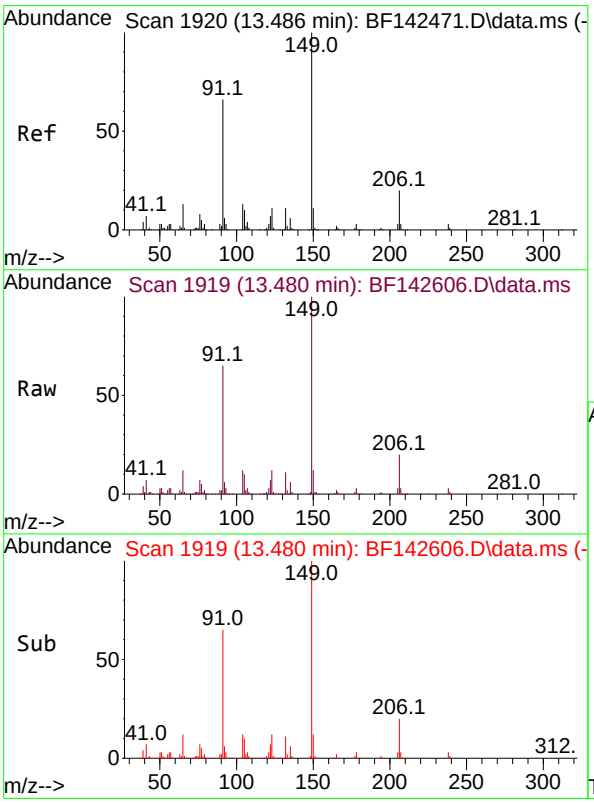
#79
Terphenyl-d14
Concen: 32.415 ng
RT: 13.004 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:244 Resp: 493078

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	11.1	8.2	12.2

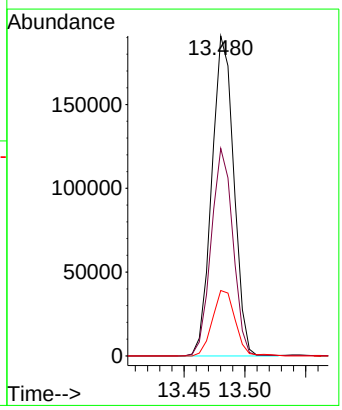


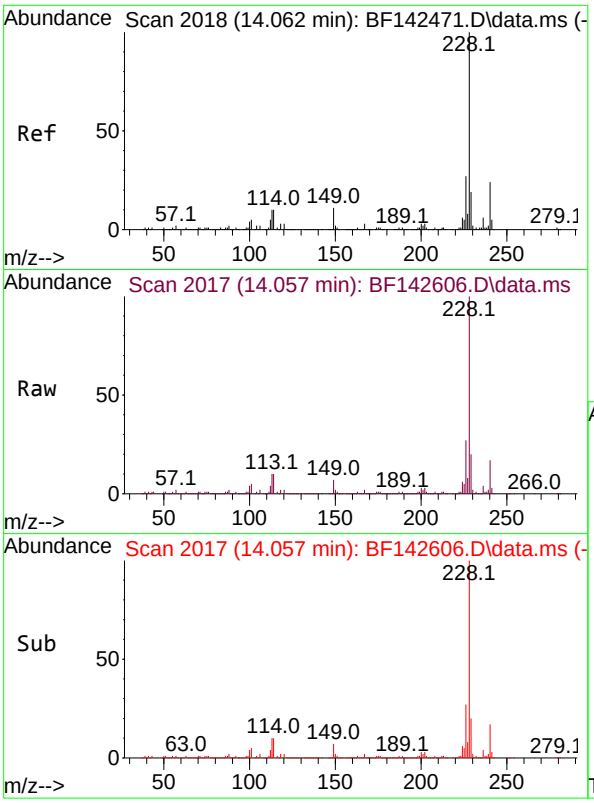


#80
Butylbenzylphthalate
Concen: 44.775 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 239908

Ion	Ratio	Lower	Upper
149	100		
91	64.9	52.9	79.3
206	20.4	16.2	24.2



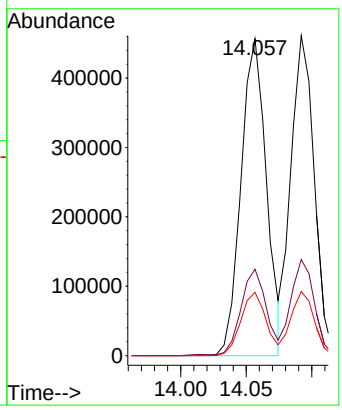


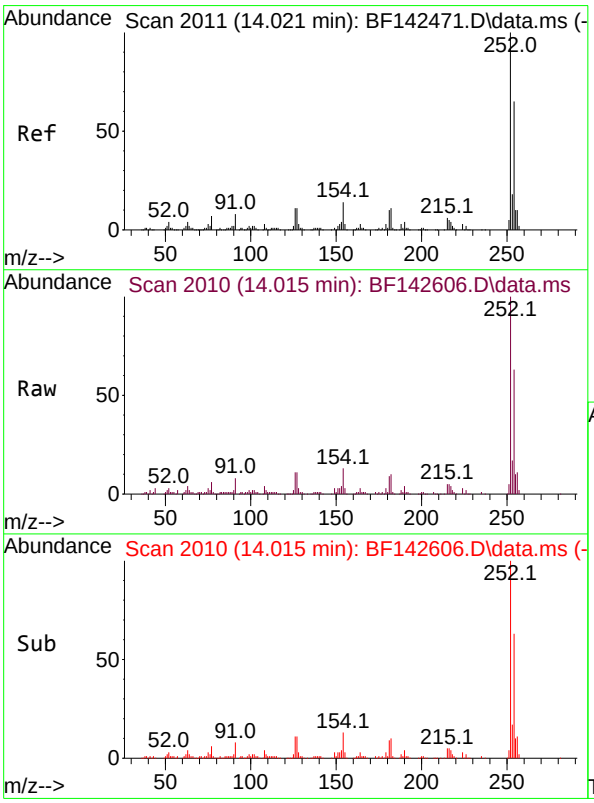
#81
Benzo(a)anthracene
Concen: 44.341 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:228 Resp: 615470

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	20.0	15.5	23.3

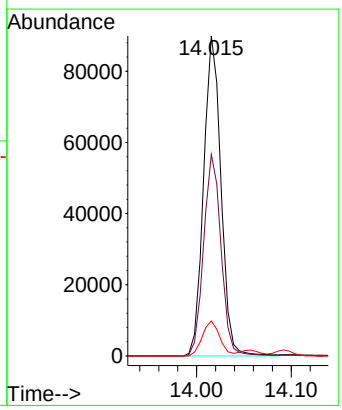


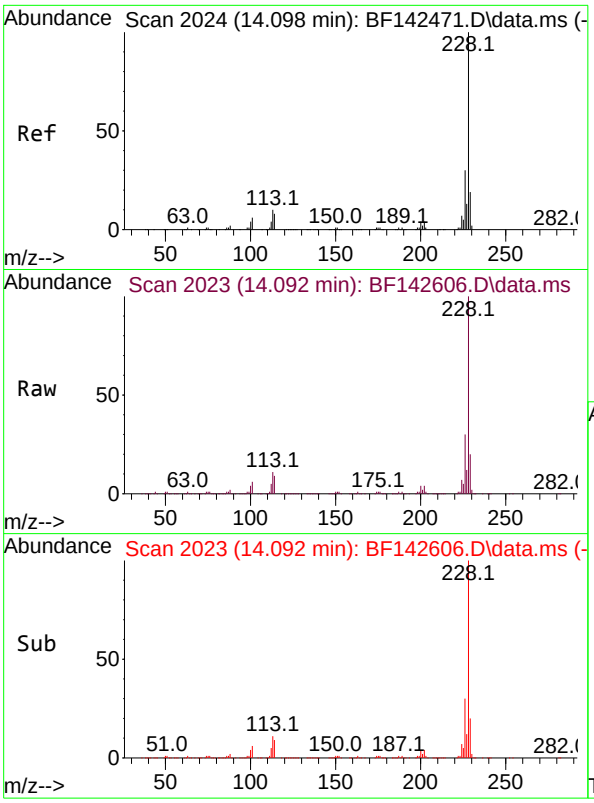


#82
3,3'-Dichlorobenzidine
Concen: 27.256 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:252 Resp: 114751

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.0	78.0
126	10.9	8.9	13.3



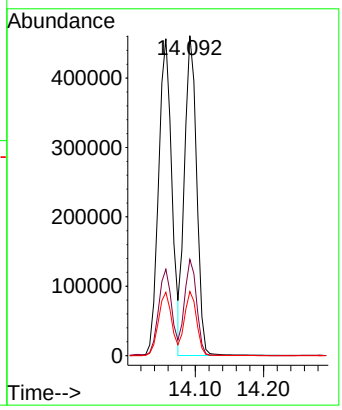


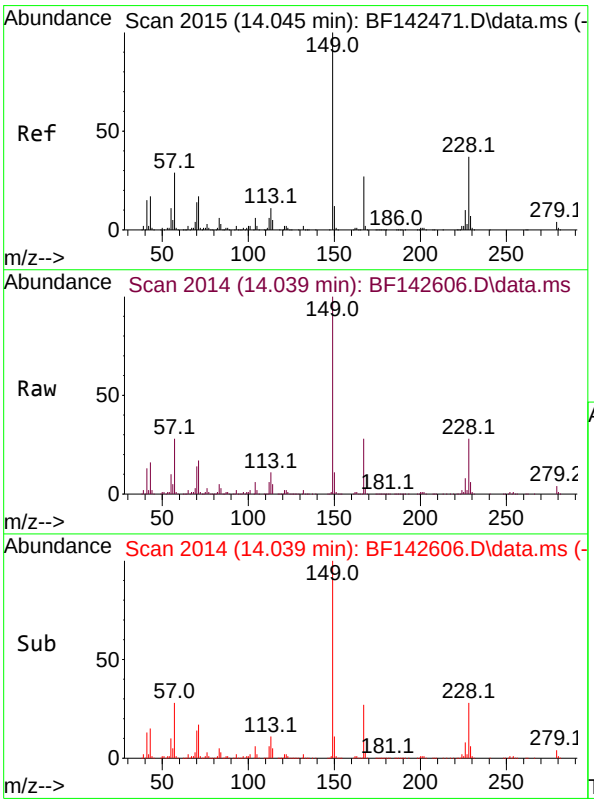
#83
Chrysene
Concen: 45.892 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:228 Resp: 572386

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	20.0	15.4	23.2

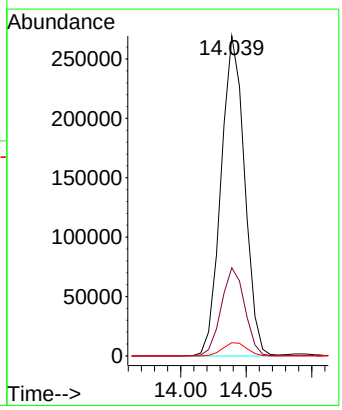


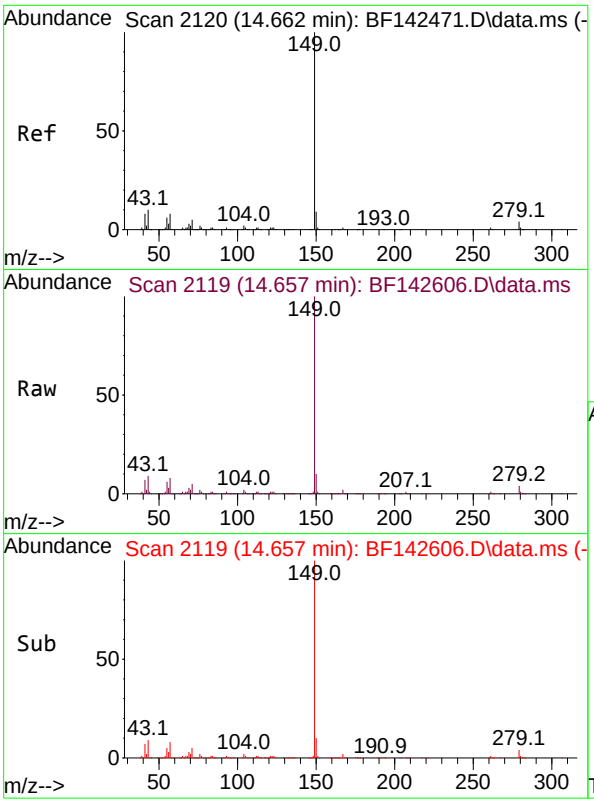


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.178 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 337322

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.5	32.3
279	4.1	3.2	4.8



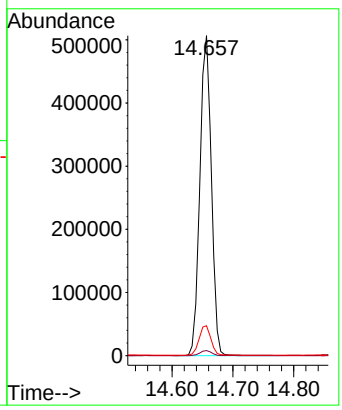


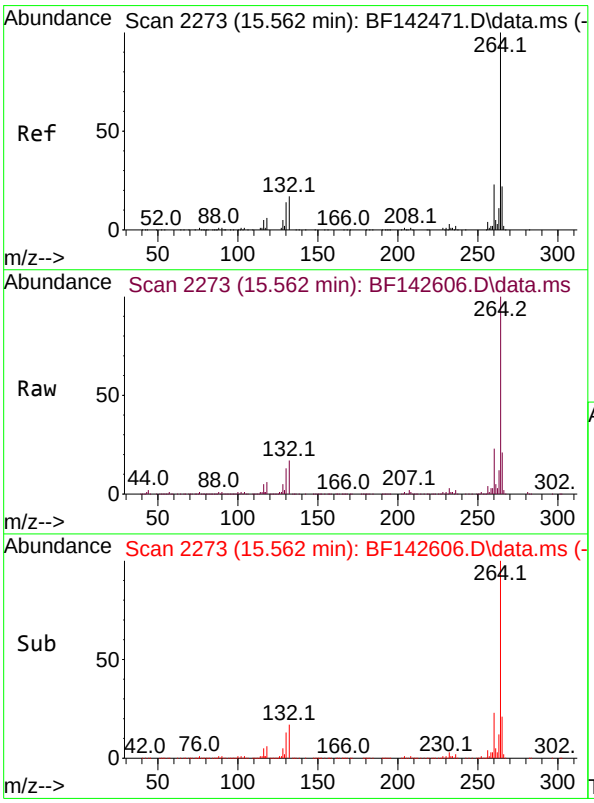
#85
Di-n-octyl phthalate
Concen: 49.316 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:149 Resp: 661412

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	7.9	11.9

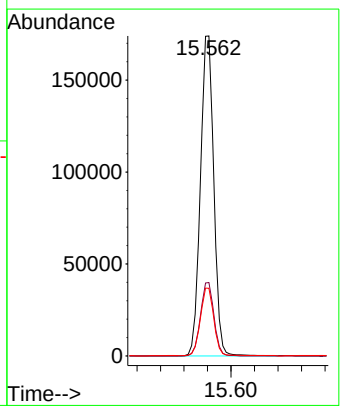


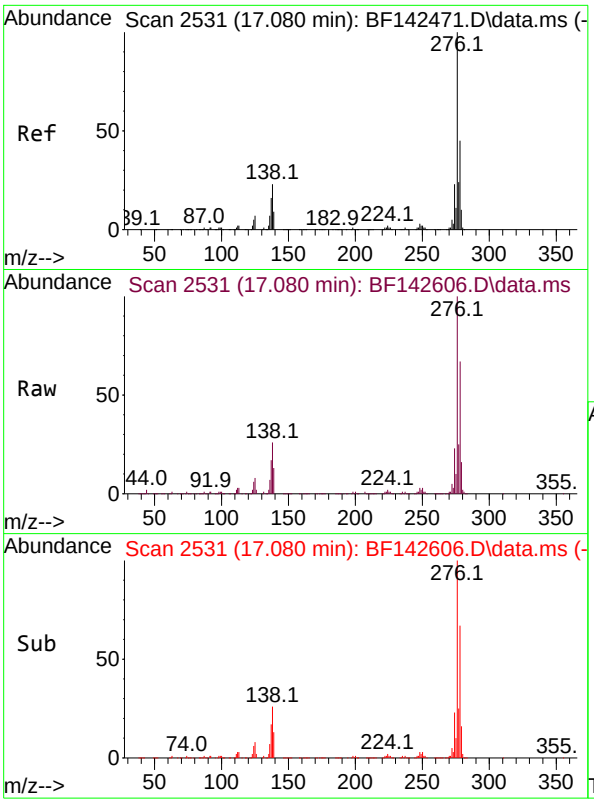


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:264 Resp: 274922

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.1	17.7	26.5



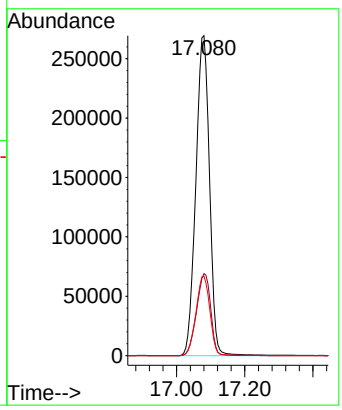


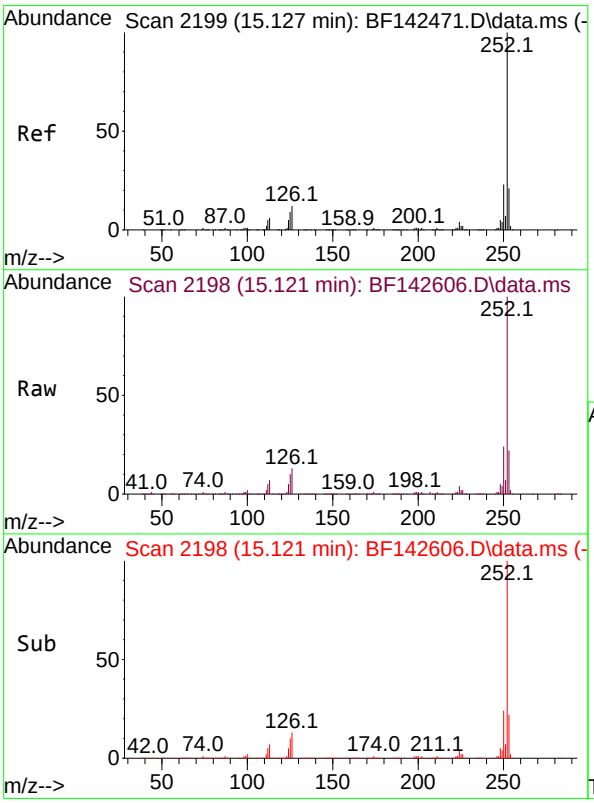
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.318 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:276 Resp: 749576

Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.9	29.9
277	25.2	20.2	30.2

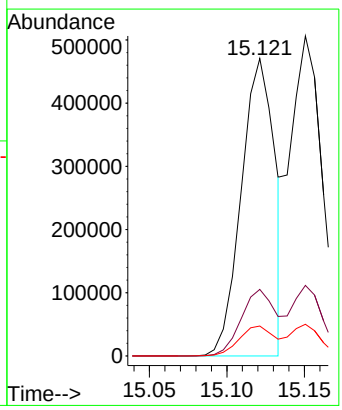


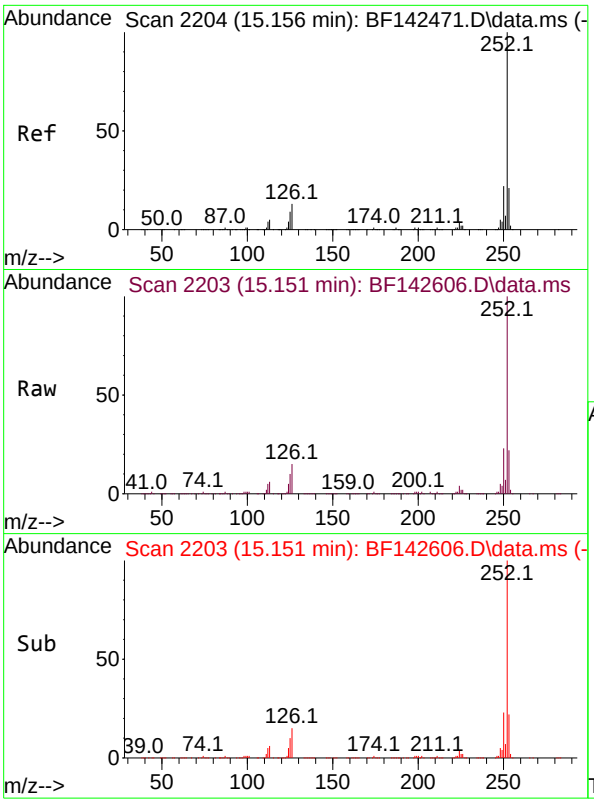


#88
Benzo(b)fluoranthene
Concen: 43.538 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:252 Resp: 708411

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	10.0	7.4	11.0



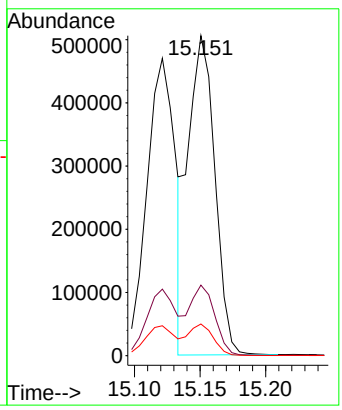


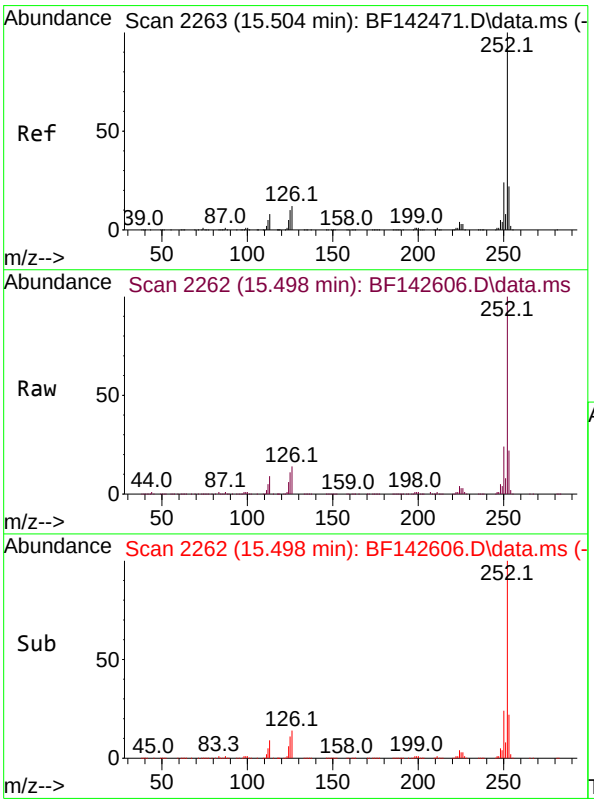
#89
Benzo(k)fluoranthene
Concen: 46.688 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:252 Resp: 711519

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.9	7.3	10.9

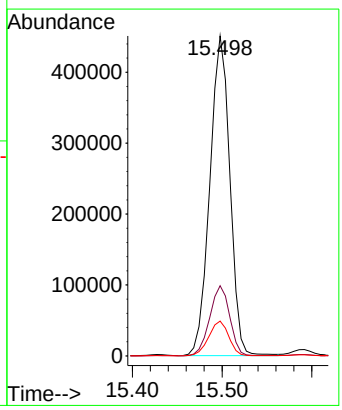


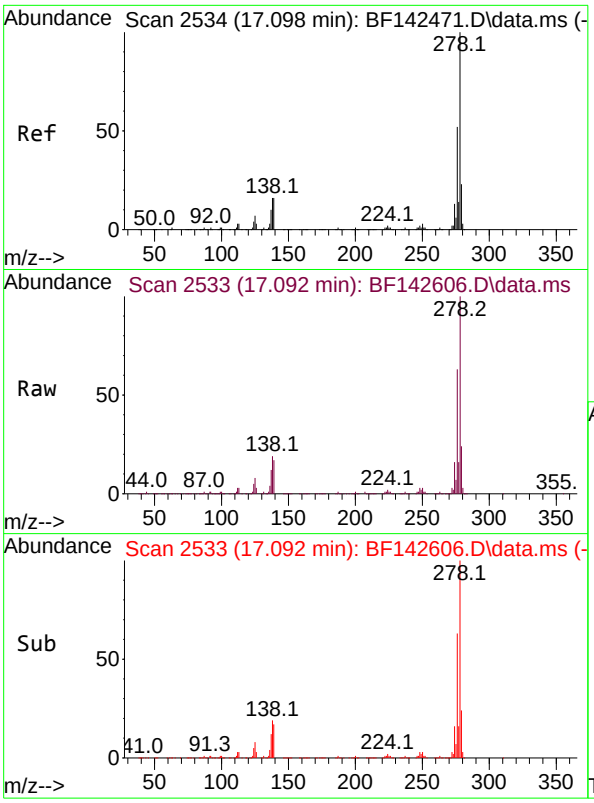


#90
Benzo(a)pyrene
Concen: 45.699 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:252 Resp: 700899

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.9	7.9	11.9



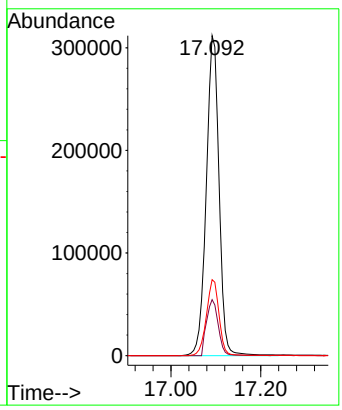


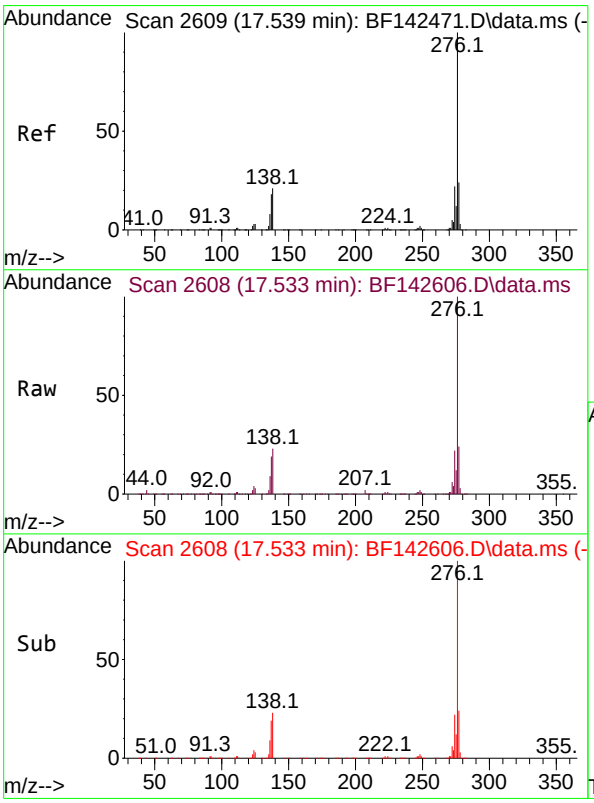
#91
Dibenzo(a,h)anthracene
Concen: 36.834 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:278 Resp: 616586

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.8	19.2
279	23.7	18.6	28.0

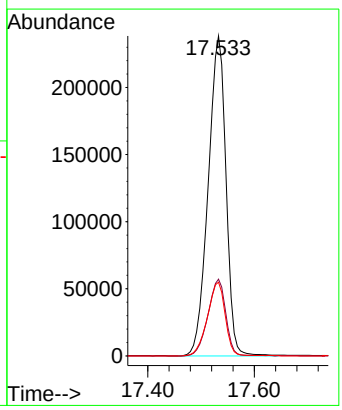




#92
Benzo(g,h,i)perylene
Concen: 33.135 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:276 Resp: 554788

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.0	16.8	25.2



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

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

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

Manual Integration Report

Sequence:	BF060425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142602.D	Benzoic acid	Rahul	6/5/2025 11:49:24 AM	Jagrut	6/5/2025 1:15:26 PM	Peak Integrated by Software
Q2159-01MS	BF142605.D	Benzoic acid	Rahul	6/5/2025 11:49:26 AM	Jagrut	6/5/2025 1:15:28 PM	Peak Integrated by Software

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

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
PB168234BS	BF142726.D	4-Chloroaniline	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software
PB168234BS	BF142726.D	Acenaphthene	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software
PB168234BS	BF142726.D	Caprolactam	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP060625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024861.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC005	BP024861.D	4-Nitroaniline	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzaldehyde	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzo(b)fluoranthene	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzoic acid	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC020	BP024863.D	Benzaldehyde	Rahul	6/9/2025 10:51:20 AM	Jagrut	6/9/2025 12:08:52 PM	Peak Integrated by Software
SSTDICV040	BP024868.D	Benzaldehyde	Rahul	6/9/2025 10:51:26 AM	Jagrut	6/9/2025 12:08:55 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP061125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024905.D	4-Nitroaniline	anahy	6/12/2025 9:29:15 AM			Peak Integrated by Software
SSTDCCC040	BP024905.D	Indeno(1,2,3-cd)pyrene	anahy	6/12/2025 9:29:15 AM			Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM				
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM				
SubDirectory	BF060425	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	BF142601.D	04 Jun 2025 11:59	RC/JU	Ok
2	SSTDCCC040	BF142602.D	04 Jun 2025 12:27	RC/JU	Ok,M
3	PB168234BL	BF142603.D	04 Jun 2025 13:05	RC/JU	Ok
4	Q2159-01	BF142604.D	04 Jun 2025 13:39	RC/JU	Ok
5	Q2159-01MS	BF142605.D	04 Jun 2025 14:08	RC/JU	Ok,M
6	Q2159-01MSD	BF142606.D	04 Jun 2025 14:38	RC/JU	Ok
7	Q2160-05	BF142607.D	04 Jun 2025 15:17	RC/JU	Ok
8	Q2172-01	BF142608.D	04 Jun 2025 15:47	RC/JU	Ok
9	Q2160-01	BF142609.D	04 Jun 2025 16:17	RC/JU	Ok
10	Q2159-04	BF142610.D	04 Jun 2025 16:47	RC/JU	Ok
11	Q2160-04	BF142611.D	04 Jun 2025 17:17	RC/JU	Ok
12	Q2160-08	BF142612.D	04 Jun 2025 17:48	RC/JU	Ok
13	Q2173-06	BF142613.D	04 Jun 2025 18:18	RC/JU	Ok
14	Q2173-12	BF142614.D	04 Jun 2025 18:47	RC/JU	Ok
15	Q2173-18	BF142615.D	04 Jun 2025 19:17	RC/JU	Ok
16	Q2173-07	BF142616.D	04 Jun 2025 19:47	RC/JU	Ok,M
17	Q2173-13	BF142617.D	04 Jun 2025 20:17	RC/JU	Ok,M
18	Q2173-01	BF142618.D	04 Jun 2025 20:47	RC/JU	Ok,M
19	Q2172-04	BF142619.D	04 Jun 2025 21:17	RC/JU	Ok
20	Q2185-04	BF142620.D	04 Jun 2025 21:46	RC/JU	Ok
21	Q2185-08	BF142621.D	04 Jun 2025 22:16	RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM				
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM				
SubDirectory	BF060425	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	

22	Q2182-01	BF142622.D	04 Jun 2025 22:45	RC/JU	Ok,M
23	Q2178-01	BF142623.D	04 Jun 2025 23:15	RC/JU	Dilution

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM				
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM				
SubDirectory	BP060625	HP Acquire Method	BNA_P		HP Processing Method	BP060625	

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	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024859.D	06 Jun 2025 09:49	RC/JU	Ok
2	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30	RC/JU	Ok
3	SSTDICC005	BP024861.D	06 Jun 2025 11:11	RC/JU	Ok,M
4	SSTDICC010	BP024862.D	06 Jun 2025 11:52	RC/JU	Ok,M
5	SSTDICC020	BP024863.D	06 Jun 2025 12:33	RC/JU	Ok,M
6	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	RC/JU	Ok
7	SSTDICC050	BP024865.D	06 Jun 2025 13:56	RC/JU	Ok
8	SSTDICC060	BP024866.D	06 Jun 2025 14:37	RC/JU	Ok
9	SSTDICC080	BP024867.D	06 Jun 2025 15:18	RC/JU	Ok
10	SSTDICV040	BP024868.D	06 Jun 2025 17:09	RC/JU	Ok,M
11	PB168259BL	BP024869.D	06 Jun 2025 17:50	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 10:42:06 AM		
SubDirectory	BP061125	HP Acquire Method	BNA_P	HP Processing Method	BP060625

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	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024904.D	11 Jun 2025 09:29	RC/JU	Ok
2	SSTDCCC040	BP024905.D	11 Jun 2025 10:09	RC/JU	Ok,NS
3	PB168300BL	BP024906.D	11 Jun 2025 10:50	RC/JU	Ok
4	PB168300BS	BP024907.D	11 Jun 2025 11:31	RC/JU	Ok
5	Q2176-03	BP024908.D	11 Jun 2025 12:18	RC/JU	Ok
6	Q2176-05	BP024909.D	11 Jun 2025 12:59	RC/JU	Ok
7	Q2207-01	BP024910.D	11 Jun 2025 13:40	RC/JU	Ok
8	Q2227-01	BP024911.D	11 Jun 2025 14:21	RC/JU	Ok
9	Q2228-01	BP024912.D	11 Jun 2025 15:02	RC/JU	Ok
10	Q2226-01	BP024913.D	11 Jun 2025 15:43	RC/JU	Ok
11	Q2244-01	BP024914.D	11 Jun 2025 16:24	RC/JU	Ok
12	Q2244-01MS	BP024915.D	11 Jun 2025 17:05	RC/JU	Ok
13	Q2244-01MSD	BP024916.D	11 Jun 2025 17:46	RC/JU	Ok
14	Q2177-02DL	BP024917.D	11 Jun 2025 18:27	RC/JU	Ok,NS
15	Q2241-01	BP024918.D	11 Jun 2025 19:08	RC/JU	Ok
16	Q2198-03	BP024919.D	11 Jun 2025 19:49	RC/JU	Ok,NS
17	Q2125-07	BP024920.D	11 Jun 2025 20:30	RC/JU	Ok
18	Q2241-05	BP024921.D	11 Jun 2025 21:11	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	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	BF142601.D	04 Jun 2025 11:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142602.D	04 Jun 2025 12:27		RC/JU	Ok,M
3	PB168234BL	PB168234BL	BF142603.D	04 Jun 2025 13:05		RC/JU	Ok
4	Q2159-01	TP05-MHO-WC	BF142604.D	04 Jun 2025 13:39		RC/JU	Ok
5	Q2159-01MS	TP05-MHO-WCMS	BF142605.D	04 Jun 2025 14:08		RC/JU	Ok,M
6	Q2159-01MSD	TP05-MHO-WCMSD	BF142606.D	04 Jun 2025 14:38		RC/JU	Ok
7	Q2160-05	TP05-MHH-WC	BF142607.D	04 Jun 2025 15:17		RC/JU	Ok
8	Q2172-01	TP06-MHQ	BF142608.D	04 Jun 2025 15:47		RC/JU	Ok
9	Q2160-01	TP04-MHG-WC	BF142609.D	04 Jun 2025 16:17		RC/JU	Ok
10	Q2159-04	TP05-MHO-WC	BF142610.D	04 Jun 2025 16:47		RC/JU	Ok
11	Q2160-04	TP04-MHG-WC	BF142611.D	04 Jun 2025 17:17		RC/JU	Ok
12	Q2160-08	TP05-MHH-WC	BF142612.D	04 Jun 2025 17:48		RC/JU	Ok
13	Q2173-06	OR-400-CF-402B-COM	BF142613.D	04 Jun 2025 18:18		RC/JU	Ok
14	Q2173-12	OR-400-CF-402B-COM	BF142614.D	04 Jun 2025 18:47		RC/JU	Ok
15	Q2173-18	OR-400-CF-402B-COM	BF142615.D	04 Jun 2025 19:17		RC/JU	Ok
16	Q2173-07	OR-400-CF-402B-COM	BF142616.D	04 Jun 2025 19:47		RC/JU	Ok,M
17	Q2173-13	OR-400-CF-402B-COM	BF142617.D	04 Jun 2025 20:17		RC/JU	Ok,M
18	Q2173-01	OR-400-CF-402B-COM	BF142618.D	04 Jun 2025 20:47		RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	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	

19	Q2172-04	TP06-MHQ	BF142619.D	04 Jun 2025 21:17		RC/JU	Ok
20	Q2185-04	TP02-MHB-WC	BF142620.D	04 Jun 2025 21:46		RC/JU	Ok
21	Q2185-08	TP01-MHA-WC	BF142621.D	04 Jun 2025 22:16		RC/JU	Ok
22	Q2182-01	OR-03-06022025	BF142622.D	04 Jun 2025 22:45		RC/JU	Ok,M
23	Q2178-01	RT2929	BF142623.D	04 Jun 2025 23:15	Analyze with further 10X Dilution first & then decide	RC/JU	Dilution

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM		
SubDirectory	BP060625	HP Acquire Method	BNA_P	HP Processing Method	BP060625

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	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024859.D	06 Jun 2025 09:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024861.D	06 Jun 2025 11:11		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024862.D	06 Jun 2025 11:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024863.D	06 Jun 2025 12:33	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	Compound#54 & 56 are Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024865.D	06 Jun 2025 13:56		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024866.D	06 Jun 2025 14:37		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024867.D	06 Jun 2025 15:18		RC/JU	Ok
10	SSTDICV040	ICVBP060625	BP024868.D	06 Jun 2025 17:09		RC/JU	Ok,M
11	PB168259BL	PB168259BL	BP024869.D	06 Jun 2025 17:50		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 10:42:06 AM		
SubDirectory	BP061125	HP Acquire Method	BNA_P	HP Processing Method	BP060625

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	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024904.D	11 Jun 2025 09:29		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024905.D	11 Jun 2025 10:09		RC/JU	Ok,NS
3	PB168300BL	PB168300BL	BP024906.D	11 Jun 2025 10:50		RC/JU	Ok
4	PB168300BS	PB168300BS	BP024907.D	11 Jun 2025 11:31		RC/JU	Ok
5	Q2176-03	TP-25	BP024908.D	11 Jun 2025 12:18		RC/JU	Ok
6	Q2176-05	TP-28	BP024909.D	11 Jun 2025 12:59		RC/JU	Ok
7	Q2207-01	BU-703-COMP-01	BP024910.D	11 Jun 2025 13:40		RC/JU	Ok
8	Q2227-01	TP07-MHH-WC	BP024911.D	11 Jun 2025 14:21		RC/JU	Ok
9	Q2228-01	TP08-MHI-WC	BP024912.D	11 Jun 2025 15:02		RC/JU	Ok
10	Q2226-01	TP06-MHI-WC	BP024913.D	11 Jun 2025 15:43		RC/JU	Ok
11	Q2244-01	TP03-MHC	BP024914.D	11 Jun 2025 16:24		RC/JU	Ok
12	Q2244-01MS	TP03-MHCMS	BP024915.D	11 Jun 2025 17:05		RC/JU	Ok
13	Q2244-01MSD	TP03-MHCMSD	BP024916.D	11 Jun 2025 17:46		RC/JU	Ok
14	Q2177-02DL	B-187-SB01DL	BP024917.D	11 Jun 2025 18:27		RC/JU	Ok,NS
15	Q2241-01	TP-N	BP024918.D	11 Jun 2025 19:08		RC/JU	Ok
16	Q2198-03	B-207-SB02	BP024919.D	11 Jun 2025 19:49		RC/JU	Ok,NS
17	Q2125-07	GSB3	BP024920.D	11 Jun 2025 20:30		RC/JU	Ok
18	Q2241-05	TP-S	BP024921.D	11 Jun 2025 21:11		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 10:42:06 AM		
SubDirectory	BP061125	HP Acquire Method	BNA_P	HP Processing Method	BP060625

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	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135904

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2122-01	1	1	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-02	3	2	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-03	5	3	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-04	10	4	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-05	18	5	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-06	14	6	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-07	19	7	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-08	22	8	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-09	25	9	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-10	28	10	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2123-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2123-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q2123-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q2123-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q2123-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q2123-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q2123-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2123-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q2123-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q2123-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q2125-01	GSB1	21	1.14	10.35	11.49	10.38	89.3	
Q2125-02	GSB2	22	1.14	10.75	11.89	10.62	88.2	
Q2125-03	GSB3	23	1.14	10.44	11.58	10.36	88.3	
Q2125-04	GSB4	24	1.12	10.78	11.9	11.18	93.3	
Q2125-05	GSB5	25	1.15	10.77	11.92	10.52	87.0	
Q2127-01	COMP-1	26	1.19	10.27	11.46	10.37	89.4	
Q2127-02	EPH-1-A	27	1.13	10.13	11.26	10.21	89.6	
Q2127-03	EPH-1-B	28	1.15	10.34	11.49	10.38	89.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135904

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2127-04	EPH-1-C	29	1.11	10.38	11.49	10.53	90.8	
Q2127-05	EPH-1-D	30	1.19	10.48	11.67	10.59	89.7	
Q2127-06	EPH-1-E	31	1.16	10.00	11.16	10.19	90.3	
Q2127-07	EPH-1-F	32	1.19	9.94	11.13	10.12	89.8	
Q2127-08	EPH-1-G	33	1.12	10.86	11.98	10.72	88.4	
Q2127-09	EPH-1-H	34	1.19	10.41	11.6	10.44	88.9	
Q2127-11	COMP-2	35	1.18	10.25	11.43	10.34	89.4	
Q2127-12	EPH-2-A	36	1.19	9.86	11.05	9.96	88.9	
Q2127-13	EPH-2-B	37	1.17	10.60	11.77	10.58	88.8	
Q2127-14	EPH-2-C	38	1.13	10.14	11.27	9.98	87.3	
Q2127-15	EPH-2-D	39	1.15	10.22	11.37	10.17	88.3	
Q2127-16	EPH-2-E	40	1.13	10.53	11.66	10.42	88.2	
Q2127-17	EPH-2-F	41	1.15	10.60	11.75	10.63	89.4	
Q2127-18	EPH-2-G	42	1.13	10.51	11.64	10.52	89.3	
Q2127-19	EPH-2-H	43	1.13	10.76	11.89	10.88	90.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB135904

WorkList Name : %1-052325 **WorkList ID :** 189718 **Department :** Wet-Chemistry **Date :** 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2122-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-02	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-03	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-04	10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-05	18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-06	14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-07	19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-08	22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-09	25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-10	28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2123-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2123-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2125-01	GSB1	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 05/23/25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB7135904

WorkList Name : %1-052325 **WorkList ID :** 189718 **Department :** Wet-Chemistry **Date :** 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-02	GSB2	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-03	GSB3	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-04	GSB4	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-05	GSB5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2127-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-02	EPH-1-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-03	EPH-1-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-04	EPH-1-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-05	EPH-1-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-06	EPH-1-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-07	EPH-1-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-08	EPH-1-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-09	EPH-1-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-11	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-12	EPH-2-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-13	EPH-2-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-14	EPH-2-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-15	EPH-2-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-16	EPH-2-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-17	EPH-2-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-18	EPH-2-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:10

Raw Sample Received by: JR WPC

Raw Sample Relinquished by: CP SM

Date/Time 05/23/25 17:10

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JR WPC

WORKLIST(Hardcopy Internal Chain)

BB 135904

WorkList Name : %1-052325 **WorkList ID :** 189718 **Department :** Wet-Chemistry **Date :** 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2127-19	EPH-2-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:10

Raw Sample Received by: JD WDC

Raw Sample Relinquished by: CP SM

Date/Time 05/23/25 17:10

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JD LEDL

PERCENT SOLID

Supervisor: Sohil
Analyst: jignesh
Date: 6/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 06/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135973

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2125-07	GSB3	25	1.14	10.44	11.58	10.36	88.3	
Q2167-01	52225	1	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2168-01	SAN-A1-A3	2	1.15	10.00	11.15	11.1	99.5	
Q2168-03	A3	3	1.19	10.12	11.31	11.27	99.6	
Q2168-05	SAN-B1-B3	4	1.19	10.16	11.35	11.31	99.6	
Q2168-07	B3	5	1.16	10.33	11.49	11.44	99.5	
Q2168-09	SAN-C1-C2	6	1.13	10.24	11.37	11.3	99.3	
Q2168-11	C2	7	1.17	10.38	11.55	11.31	97.7	
Q2171-01	5-28-25-A	8	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2171-02	5-28-25-B	9	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2171-03	51925	10	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2175-01	32525	11	1.00	1.00	2.00	2.00	100.0	debris
Q2175-02	52725	12	1.00	1.00	2.00	2.00	100.0	oil sample
Q2176-01	TP-46	13	1.19	10.63	11.82	10.09	83.7	
Q2176-02	TP-56	14	1.15	10.59	11.74	10.28	86.2	
Q2176-03	TP-25	15	1.16	10.29	11.45	9.98	85.7	
Q2176-04	TP-26	16	1.12	10.84	11.96	10.36	85.2	
Q2176-05	TP-28	17	1.18	10.51	11.69	10.69	90.5	
Q2176-06	TP-27	18	1.18	10.12	11.3	9.59	83.1	
Q2176-07	TP-31	19	1.18	10.64	11.82	10.42	86.8	
Q2176-08	TP-65	20	1.19	10.27	11.46	10.16	87.3	
Q2177-01	B-187-SB00	21	1.17	10.43	11.6	10.47	89.2	
Q2177-02	B-187-SB01	22	1.16	10.50	11.66	10.00	84.2	
Q2177-04	B-187-SB02	23	1.17	10.55	11.72	7.8	62.8	
Q2177-06	B-202-SB01	24	1.19	10.41	11.6	10.08	85.4	
Q2178-01	RT2929	26	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q2179-01	D3	27	1.15	9.96	11.11	10.47	93.6	
Q2179-02	D4	28	1.19	10.03	11.22	10.38	91.6	

PERCENT SOLID

Supervisor: Sohil
Analyst: jignesh
Date: 6/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 06/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135973

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2179-03	D5	29	1.18	10.26	11.44	10.8	93.8	
Q2179-04	D6	30	1.16	10.80	11.96	11.54	96.1	
Q2183-01	BC205321-3-1	31	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-02	BC205321-3-2	32	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-03	BC205321-4-1	33	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-04	BC205321-4-2	34	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-05	BC205321-5-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-06	BC205321-5-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-07	BC205321-6-1	37	1.00	1.00	2.00	2.00	100.0	pilc
Q2183-08	BC205321-6-2	38	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-01	245F54-1-1	39	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-02	245F54-1-2	40	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-03	BC226595-1-1	41	1.00	1.00	2.00	2.00	100.0	pilc
Q2184-04	BC226595-1-2	42	1.00	1.00	2.00	2.00	100.0	pilc
Q2185-01	TP02-MHB-WC	43	1.15	10.68	11.83	10.28	85.5	
Q2185-02	TP02-MHB-VOC	44	1.13	10.62	11.75	10.58	89.0	
Q2185-03	TP02-MHB-EPH	45	1.15	10.26	11.41	10.00	86.3	
Q2185-05	TP01-MHB-WC	46	1.18	10.69	11.87	10.57	87.8	
Q2185-06	TP01-MHB-VOC	47	1.19	10.76	11.95	10.84	89.7	
Q2185-07	TP01-MHB-EPH	48	1.19	10.25	11.44	10.28	88.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB35973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-07	GSB3	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2167-01	52225	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-01	SAN-A1-A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-03	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-05	SAN-B1-B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-07	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-09	SAN-C1-C2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2168-11	C2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-01	5-28-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-02	5-28-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2171-03	51925	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2175-01	32525	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2175-02	52725	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2176-01	TP-46	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2176-02	TP-56	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/28/2025	Chemtech -SO
Q2176-03	TP-25	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-04	TP-26	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-05	TP-28	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-06	TP-27	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-07	TP-31	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/29/2025	Chemtech -SO
Q2176-08	TP-65	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/30/2025	Chemtech -SO

Date/Time 06/02/25 15:15

Raw Sample Received by: WC

Raw Sample Relinquished by: SM

Date/Time 06/02/25 17:25

Raw Sample Received by: SM

Raw Sample Relinquished by: WC

WORKLIST(Hardcopy Internal Chain)

VB 135973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2177-01	B-187-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-02	B-187-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-04	B-187-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2177-06	B-202-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2178-01	RT2929	Solid	Percent Solids	Cool 4 deg C	PORT06	L41	05/31/2025	Chemtech -SO
Q2179-01	D3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	06/02/2025	Chemtech -SO
Q2179-02	D4	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2179-03	D5	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2179-04	D6	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2183-01	BC205321-3-1	Solid	Percent Solids	Cool 4 deg C	GENV01	N11	06/02/2025	Chemtech -SO
Q2183-02	BC205321-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-03	BC205321-4-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-04	BC205321-4-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-05	BC205321-5-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-06	BC205321-5-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-07	BC205321-6-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2183-08	BC205321-6-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-01	245F54-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-02	245F54-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-03	BC226595-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO
Q2184-04	BC226595-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	06/02/2025	Chemtech -SO

Date/Time 06/02/25 1515

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06/02/25 1715

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

NB 135973

WorkList Name : %1-060225 **WorkList ID :** 189853 **Department :** Wet-Chemistry **Date :** 06-02-2025 08:16:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2185-01	TP02-MHB-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-02	TP02-MHB-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-03	TP02-MHB-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-05	TP01-MHB-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-06	TP01-MHB-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO
Q2185-07	TP01-MHB-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	06/02/2025	Chemtech -SO

Date/Time 06/02/25 15:15

Raw Sample Received by: JR WC

Raw Sample Relinquished by: SM

Date/Time 06/02/25 17:25

Raw Sample Received by: SM

Raw Sample Relinquished by: JR WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168234

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 06/04/2025

Extraction Start Time : 09:10

Extraction End Date : 06/04/2025

Extraction End Time : 12:40

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2620
Sand	N/A	EP2865
Methylene Chloride	N/A	E3939
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:

1.5ML Vial Lot # 2210443, Q2161 is Extracted out of holding time.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/4/25	RS (Ext-lab)	RC/SVOC
12:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168234

Analytical Method: M3541-ASE Extraction-14 **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				
PB168234BL	SBLK234	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U3-1
PB168234BS	SLCS234	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q2125-07	GSB3	SVOCMS Group1	30.07	N/A	ritesh	Evelyn	1			3
Q2159-01	TP05-MHO-WC	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q2159-01MS	TP05-MHO-WCMS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		5
Q2159-01MSD	TP05-MHO-WCMSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		6
Q2160-01	TP04-MHG-WC	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U6-1
Q2160-05	TP05-MHG-WC	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		2
Q2161-01	B27-SOIL-SAMPLE	SVOCMS Group1	30.06	N/A	ritesh	Evelyn	1	B		3
Q2161-02	B28-SOIL-SAMPLE	SVOCMS Group1	30.08	N/A	ritesh	Evelyn	1	B		4
Q2172-01	TP06-MHQ	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		5
Q2173-01	OR-400-CF-402B-COMP-23	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		6
Q2173-07	OR-400-CF-402B-COMP-24	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U1-1
Q2173-13	OR-400-CF-402B-COMP-25	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		2
Q2176-01	TP-46	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q2176-02	TP-56	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2176-03	TP-25	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		5
Q2176-04	TP-26	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		6
Q2176-05	TP-28	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		U2-1
Q2176-06	TP-27	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		2
Q2176-07	TP-31	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q2176-08	TP-65	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		4
Q2185-01	TP02-MHB-WC	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	B		5
Q2185-05	TP01-MHB-WC	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	B		6

RS 6/4

* **Extracts relinquished on the same date as received.**

168234
9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2173 **WorkList ID :** 189861 **Department :** Extraction **Date :** 06-04-2025 09:03:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2176-01	TP-46	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/28/2025	8270E
Q2176-02	TP-56	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-03	TP-25	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-04	TP-26	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-05	TP-28	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-06	TP-27	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-07	TP-31	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-08	TP-65	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/30/2025	8270E
Q2125-07	GSB3	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	L31	05/23/2025	8270E
Q2161-01	B27-SOIL-SAMPLE	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	L41	05/12/2025	8270E
Q2161-02	B28-SOIL-SAMPLE	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	L41	05/12/2025	8270E
Q2159-01	TP05-MHO-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2160-01	TP04-MHG-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2160-05	TP05-MHH-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2172-01	TP06-MHQ	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-01	OR-400-CF-402B-COMP-23	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-07	OR-400-CF-402B-COMP-24	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-13	OR-400-CF-402B-COMP-25	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2185-01	TP02-MHB-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	06/02/2025	8270E
Q2185-05	TP01-MHB-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	06/02/2025	8270E

Date/Time 06/04/25 9:05
Raw Sample Received by: RJ (LEFT-Kelly)
Raw Sample Relinquished by: RM SM

Date/Time 06/04/25 9:35
Raw Sample Received by: RM SM
Raw Sample Relinquished by: RJ (LEFT-Kelly)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2125
COC Number 2047144

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Seely
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS:
CITY Succasunna STATE: NJ ZIP 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 day TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
X EDD FORMAT excel pdf SRD Matrix NJDEP

ANALYSIS

EPH Cat 1 (contingency 2 day TAT if needed) Naphthalene

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	GSB1	Soil		X	5/23/25	0900	1	X		contingency							
2.	GSB2					0915	1	X									
3.	GSB3					0920	1	X									
4.	GSB4				5/23/25	0930	1	X									
5.	GSB5	Soil		X	5/23/25	0945	1	X									
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. MP	5/23/25 1045	1. CR
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: EPH Cat 1 - 1st 5 day TAT JR Gm

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Copyright © 2024

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

QA Control Code: A2070148